CITY OF
SANTA FE, NM

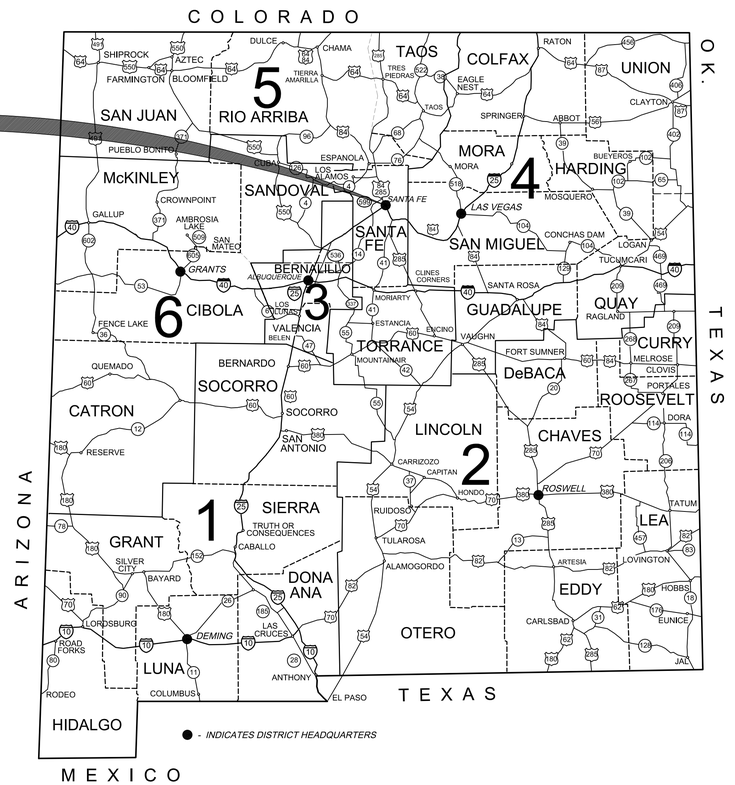
CN S100460 & LP50008

CONSTRUCTION PLANS
FOR

GUADALUPE STREET RECONSTRUCTION

SANTA FE, NM

GUADALUPE ST
CN - S100460 & LP50008
SANTA FE COUNTY
GUADALUPE ST: AGUA FRIA ST
to PASEO DE PERALTA
STA 9+16.66 TO STA 45+00.00



VICINITY MAP
NTS

APPROVED BY CITY OF SANTA FE PUBLIC WORKS DEPARTMENT DIRECTOR	DATE
APPROVED BY CITY OF SANTA FE ENGINEERING DIVISION DIRECTOR	DATE
REVIEWED MY CITY OF SANTA FE MAYOR'S COMMITTEE ON DISABILITY ADA COORDINATOR	DATE
REVIEWED BY CITY OF SANTA FE HISTORIC PRESERVATION DIVISION HISTORIC PRESERVATION DIVISION	DATE

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
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FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
COVER SHEET

SHEET NO:
1-1

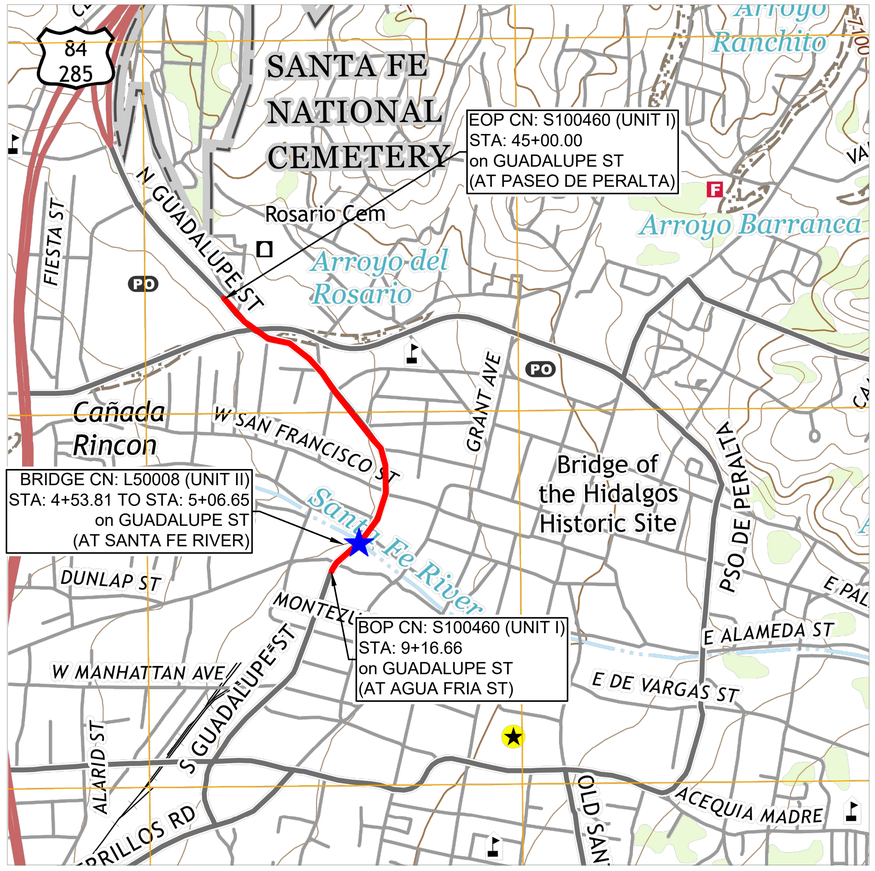
7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 1\176085_COVER.dwg

LEGEND - EXISTING

- BOLLARD
- POWER POLE
- GAS METER
- LIGHT POLE
- GAS VALVE
- SIGNAL LIGHT
- SIGNAL POLE
- TRAFFIC PULLBOX
- SIGN - SINGLE POST
- SIGN - MULTI POST
- SEWER CLEANOUT
- MANHOLE - SEWER
- INLET
- TELEPHONE PEDESTAL
- TELEPHONE VAULT
- TELEPHONE MANHOLE
- JUNCTION BOX - UNKNOWN
- METER - UNKNOWN
- METER - ELECTRIC
- DEAD MAN - GUY WIRE
- PULLBOX - ELECTRIC
- ELECTRIC PEDESTAL
- TRANSFORMER
- JUNCTION BOX - ELECTRIC
- VAULT - ELECTRIC
- YARD LIGHT
- SPRINKLER CONTROL BOX
- WATER VAULT
- WATER FAUCET
- FIRE HYDRANT
- WATER METER
- WATER VALVE
- MISCELLANEOUS FEATURE
- PARKING METER
- GATE
- UNKNOWN FEATURE
- TREE
- BUSH
- MANHOLE - UNKNOWN
- FENCE
- CURB
- LANE STRIPE
- TREE LINE
- WALL
- SANITARY SEWER
- UNKNOWN UTILITY
- WATER LINE
- UNDERGROUND POWER
- GAS LINE
- FIBER OPTIC LINE
- UNDERGROUND ELECTRIC LINE
- OVERHEAD POWER
- OVERHEAD TV CABLE

LENGTH OF PROJECT: 0.679 MILES

PROJECT WITHIN SANTA FE GRANT



CN: S100460 (UNIT I)

CN: L50008 (UNIT II)

VICINITY MAP

PROJECT CONTACT

ROMELLA GLORIOSO-MOSS, PhD, AICP
CITY OF SANTA FE
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SHARON R. CRUZ
NMDOT
TRIBAL/LOCAL PUBLIC AGENCY COORDINATOR
NORTH REGION DESIGN
505-221-8220
sharon.cruz@state.nm.us

PLANS WERE DESIGNED AND/OR ASSEMBLED BY:

TYLER ASHTON, PE,CFM
WILSON & COMPANY, INC. ENGINEERS & ARCHITECTS
505-348-4121
tyler.ashton@wilsonco.com

THE 2019 EDITION OF NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION & STANDARD DRAWINGS SHALL GOVERN CONSTRUCTION OF THIS PROJECT

SHIPPING POINTS

SANTA FE, NM

INTENT OF PROJECT CN: S100460

THE PROJECT CONSTRUCTION IS FOR GUADALUPE ST. WHICH INCLUDES BUT NOT LIMITED TO:

ROADWAY RECONSTRUCTION, LANE REDUCTION, PEDESTRIAN IMPROVEMENTS, BICYCLE IMPROVEMENTS, SIGNALIZED INTERSECTION IMPROVEMENTS, LIGHTING, DRAINAGE ACCOMMODATIONS, NEW SIGNING AND STRIPING, AND MISCELLANEOUS CONSTRUCTION AS NEEDED.

INTENT OF PROJECT CN: L50008

THE PROJECT CONSTRUCTION IS FOR GUADALUPE ST. WHICH INCLUDES BUT NOT LIMITED TO:

BRIDGE PRESERVATION WORK, SIDEWALK AND PEDESTRIAN RAIL IMPROVEMENTS, ADA COMPLIANCE, WATERLINE INSTALLATION, UTILITY IMPROVEMENTS AND MISCELLANEOUS CONSTRUCTION.

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
16278
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

VICINITY MAP

SHEET NO:

1-2

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 1\1760085_VM01.dwg

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1 - 2	VICINITY MAP	
1 - 3	INDEX OF SHEETS	
1 - 4 Thru 1 - 5	SUMMARY OF QUANTITIES - UNIT I	
1 - 6	SUMMARY OF QUANTITIES - UNIT II	
1 - 7	SUMMARY OF QUANTITIES UNIT I & II TOTALS	
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1 - 9	ENVIRONMENTAL COMMITMENTS	
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2 - 21	EROSION CONTROL GENERAL NOTES	
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2 - 25 Thru 2 - 27	MEDIAN DETAILS	
2 - 28 Thru 2 - 32	INTERSECTION DETAILS	
2 - 33 Thru 2 - 36	TURNOUT - DRIVEWAY DETAILS	
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	SHEET SUBTOTAL =	***48***
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3 - 1	GUADALUPE ST PLAN & PROFILE SHEET INDEX	
3 - 2 Thru 3 - 10	ROADWAY PLAN & PROFILE	
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	SHEET SUBTOTAL =	***17***
4 - 1 Thru 4 - 3	TURNOUT PROFILES	
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5 - 1	GENERAL NOTES AND ESTIMATED QUANTITIES	
5 - 2	BRIDGE LOCATION PLAN	
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5 - 4	TRANSVERSE SECTIONS	
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5 - 8	RAISED MEDIAN REINFORCEMENT	
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5 - 10	REINFORCING BAR SCHEDULE	
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5 - 14 Thru 5 - 15	UTILITY LAYOUTS	
5 - 16	S.U.E DATA	
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	SHEET SUBTOTAL =	***17***
6 - 1	MANDATORY SEQUENCE OF CONSTRUCTION	
6 - 2 Thru 6 - 4	TEMPORARY TRAFFIC CONTROL SCHEDULES	
6 - 5 Thru 6 - 9	TTC NMDOT STANDARD DRAWINGS	
6 - 10	TTC TYPICAL SECTION PHASE I	
6 - 11 Thru 6 - 15	TTC PHASE I	
6 - 16	TTC TYPICAL SECTION PHASE II-A	
6 - 17 Thru 6 - 20	TTC PHASE II-A	
6 - 21	TTC TYPICAL SECTION PHASE II-B	
6 - 22 Thru 6 - 23	TTC PHASE II-B1	
6 - 24 Thru 6 - 25	TTC PHASE II-B2	
6 - 26	TTC TYPICAL SECTION PHASE II-C	
6 - 27 Thru 6 - 28	TTC PHASE II-C	
6 - 29	TTC TYPICAL SECTION PHASE III-A	
6 - 30 Thru 6 - 32	TTC PHASE III-A	
6 - 33	TTC TYPICAL SECTION PHASE III-B1	
6 - 34 Thru 6 - 35	TTC PHASE III-B1	
6 - 36	TTC TYPICAL SECTION PHASE III-B2	
6 - 37 Thru 6 - 38	TTC PHASE III-B2	
6 - 39 Thru 6 - 40	TTC PHASE III-C	
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6 - 51	TTC PHASE V-D	
6 - 52	TTC PHASE VI-A	
6 - 53	TTC PHASE VI-B	
6 - 54	TTC PHASE VI-C	
	SHEET SUBTOTAL =	***54***

7 - 1	PERMANENT SIGNING & STRIPING GENERAL NOTES	
7 - 2 Thru 7 - 3	PERMANENT SIGNING & STRIPING QUANTITIES	
7 - 4 Thru 7 - 5	PERMANENT SIGN FACE DETAILS	
7 - 6 Thru 7 - 11	PERMANENT SIGNING & STRIPING PLAN	
	SHEET SUBTOTAL	***11***
8 - 1	LIGHTING PLAN GENERAL NOTES	
8 - 2 Thru 8 - 3	LIGHTING PLAN	
8 - 4	ORNAMENTAL LIGHTING POLE DETAILS	
	SHEET SUBTOTAL =	***4***
9 - 1	SIGNALIZATION GENERAL NOTES	
9 - 2	SIGNALIZATION QUANTITIES	
9 - 3	ALAMEDA ST SIGNALIZATION PLAN	
9 - 4	ALAMEDA ST CONDUIT & CABLE RUNS	
9 - 5	ALAMEDA ST FUNCTION, DETECTOR CABLE	
9 - 6	SAN FRANCISCO ST SIGNALIZATION PLAN	
9 - 7	SAN FRANCISCO ST CONDUIT & CABLE RUNS	
9 - 8	SAN FRANCISCO ST FUNCTION, DETECTOR CABLE	
9 - 9	CATRON ST SIGNALIZATION PLAN	
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9 - 12	PASEO DE PERALTA SIGNALIZATION PLAN	
9 - 13	PASEO DE PERALTA CONDUIT SHEET	
9 - 14	PASEO DE PERALTA FUNCTION, DETECTOR CABLE	
	SHEET SUBTOTAL =	***14***
11 - 1 Thru 11 - 4	UTILITY PLAN	
	SHEET SUBTOTAL =	***4***
13 - 1 Thru 13 - 14	CROSS SECTIONS	
	SHEET SUBTOTAL =	***14***
	PROJECT SUBTOTAL =	***200***

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SEAL

TYLER J. ASHTON
NEW MEXICO
16 GISTERED
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

INDEX OF SHEETS

SHEET NO:

1-3

8/18/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 1\1760085_IS01.dwg

SUMMARY OF QUANTITIES - UNIT I

NUM.	ITEM NO.	ITEM DESCRIPTION	UNIT	ROADWAY		CONSTRUCTION ENGINEERING		DETOUR		CONSTRUCTION SIGNING		PERMANENT SIGNING & STRIPING		LIGHTING		SIGNALIZATION		NON-PARTICIPATING		PROJECT TOTAL	
				ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL
		ROADWAY																			
1	107000	ENVIRONMENTAL COMMITMENTS	LS			LS														LS	
2	201000	CLEARING AND GRUBBING	LS	LS																LS	
3	203000	UNCLASSIFIED EXCAVATION	CY	4020																4020	
4	203100	BORROW	CY	500																500	
5	203200	UNSUITABLE MATERIAL EXCAVATION	CY	500																500	
6	207000	SUBGRADE PREPARATION	SY	12990																12990	
7	303180	BASE COURSE 8"	SY	13470																13470	
8	405000	DETOUR PAVEMENT CONSTRUCTION	SY					1090												1090	
9	407000	ASPHALT MATERIAL FOR TACK COAT	TON	5																5	
10	408100	PRIME COAT MATERIAL	TON	30																30	
11	423282	HMA SP-III COMPLETE	TON	3530																3530	
12	502030	DRILLED SHAFT FOUNDATION 30" DIAMETER	LF											120						120	
13	502036	DRILLED SHAFT FOUNDATION 36" DIAMETER	LF													132				132	
14	511000	STRUCTURAL CONCRETE, CLASS A	CY													12				12	
15	540060	REINFORCING BARS GRADE 60	LB											3700		6680				10380	
16	570437	24" STORM DRAIN CULVERT PIPE	LF	120																120	
17	601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	LS																LS	
18	601110	REMOVAL OF SURFACING (ROADWAY)	SY	18890																18890	
19	603200	SILT FENCE	LF	300																300	
20	603250	DROP INLET PROTECTION TYPE I	EA	8																8	
21	603251	DROP INLET PROTECTION TYPE II	EA	3																3	
22	603281	SWPPP PLAN PREPARATION AND MAINTENANCE	LS			LS														LS	
23	608004	CONCRETE SIDEWALK 4"	SY	3690																3690	
24	608006	CONCRETE SIDEWALK 6"	SY	50																50	
25	608106	DRIVEPAD 6"	SY	1050																1050	
26	608404	CONCRETE MEDIAN PAVEMENT 4" (COLORED AND PATTERNED)	SY	188																188	
27	609200	HEADER CURB	LF	100																100	
28	609412	CONCRETE VERTICAL CURB & GUTTER TYPE B 6" x 12"	LF	3910																3910	
29	609416	CONCRETE VERTICAL CURB & GUTTER TYPE B 6" x 16"	LF	85																85	
30	609424	CONCRETE VERTICAL CURB & GUTTER TYPE B 6" X 24"	LF	4725																4725	
31	609430	CONCRETE VERTICAL CURB & GUTTER TYPE B 6" X 30"	LF	30																30	
32	609648	CONCRETE VALLEY GUTTER 6" x 48"	LF	1000																1000	
33	609708	CONCRETE LAYDOWN CURB 8"	LF	30																30	
34	617000	VIBRATION MONITORING	LS			LS														LS	
35	617003	VIDEO RECORDING	LS			LS														LS	
36	617004	VIBRATION RISK SURVEY	LS			LS														LS	
37	618000	TRAFFIC CONTROL MANAGEMENT	LS			LS														LS	
38	618011	PUBLIC AWARENESS	LS			LS														LS	
39	621000	MOBILIZATION	LS	LS																LS	
40	623311	CURB DROP INLET TYPE I-B, 0' TO 4'	EA	3																3	
41	623314	CURB DROP INLET TYPE IV-B, 0' TO 4'	EA	2																2	
42	623331	CURB DROP INLET TYPE I-B, OVER 4'	EA	3																3	
43	623333	CURB DROP INLET TYPE III-B, OVER 4'	EA	1																1	
44	662400	MANHOLE ADJUSTMENT	EA	18																18	
45	663049	PRECONSTRUCTION UTILITY SURVEY	LS			LS														LS	
46	663110	REMOVE & RELOCATE FIRE HYDRANT	EA	1																1	
47	663855	ADJUST VALVE BOX TO GRADE	EA	26																26	
48	663865	ADJUST WATER METER TO GRADE	EA	25																25	
49	701000	PANEL SIGNS	SF									480				16				496	
50	701030	REMOVE AND RESET PANEL SIGN	EA									15								15	
51	701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	LF									910								910	
52	702610	PORTABLE CHANGEABLE MESSAGE SIGN	EA							6										6	
53	702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	LS							LS										LS	
54	702811	TRAFFIC CONTROL DEVICES FOR PEDESTRIAN AND BICYCLIST	LS							LS										LS	
55	704105	REMOVABLE MARKING TAPE 24"	LF							400										400	

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
REGISTERED
PROFESSIONAL ENGINEER
11/17/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
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DESIGNED BY:	TJA
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DATE:	JUL 2022

SHEET TITLE

SUMMARY OF QUANTITIES - UNIT I

SHEET NO:

1-4

12/8/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 1\176085_SQ01.dwg

SUMMARY OF QUANTITIES - UNIT I

NUM.	ITEM NO.	ITEM DESCRIPTION	UNIT	ROADWAY		CONSTRUCTION ENGINEERING		DETOUR		CONSTRUCTION SIGNING		PERMANENT SIGNING & STRIPING		LIGHTING		SIGNALIZATION		NON-PARTICIPATING		PROJECT TOTAL	
				ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL
		ROADWAY																			
56	704150	RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE) 4"	LF									16490								16490	
57	704152	RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE) 8"	LF									490								490	
58	704154	RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE) 24'	LF									1710								1710	
59	704156	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) COMBINATION (THRU AND RIGHT) ARROW	EA									8								8	
60	704158	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) RIGHT ARROW	EA									7								7	
61	704160	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) LEFT ARROW	EA									27								27	
62	704162	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) THRU ARROW	EA									16								16	
63	704164	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) WORD (ONLY)	EA									15								15	
64	704166	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) YIELD MARKINGS	LF									90								90	
65	704168	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) BIKE SYMBOL (BIKEWAY)	EA									19								19	
66	706100	SERVICE RISER (SIGNAL)	EA													2				2	
67	706110	SERVICE RISER (LIGHTING)	EA											2						2	
68	706230	METER PEDESTAL (COMBINATION)	EA													3				3	
69	706420	LIGHTING CONTROL CABINET-TWO CIRCUIT	EA											2						2	
70	707004	TYPE I STANDARD, 4'	EA													1				1	
71	707010	TYPE I STANDARD, 10'	EA													4				4	
72	707015	TYPE I STANDARD, 15'	EA													13				13	
73	707315	TYPE III STANDARD, 15' ARM	EA													2				2	
74	707320	TYPE III STANDARD, 20' ARM	EA													2				2	
75	707325	TYPE III STANDARD, 25' ARM	EA													2				2	
76	707330	TYPE III STANDARD, 30' ARM	EA													6				6	
77	709020	RIGID ELECTRICAL CONDUIT 2" (DIA.)	LF											5450		1515				6965	
78	709030	RIGID ELECTRICAL CONDUIT 3" (DIA.)	LF													3465				3465	
79	709040	RIGID ELECTRICAL CONDUIT 4" (DIA)	LF													2040				2040	
80	710000	ELECTRICAL PULL BOX (STANDARD)	EA											34		7				41	
81	710010	ELECTRICAL PULL BOX (LARGE)	EA													22				22	
82	710150	ELECTRICAL PULL BOX TYPE C	EA													10				10	
83	710300	SPLICE CABINET	EA													1				1	
84	710350	SPLICE VAULT	EA													3				3	
85	711005	MULTI CONDUCTOR CABLE 5	LF													4865				4865	
86	711007	MULTI CONDUCTOR CABLE 7	LF													705				705	
87	711020	MULTI CONDUCTOR CABLE 20	LF													3175				3175	
88	711104	SINGLE CONDUCTOR 4	LF													900				900	
89	711106	SINGLE CONDUCTOR 6	LF													3995				3995	
90	711108	SINGLE CONDUCTOR 8	LF											10240						10240	
91	711110	SINGLE CONDUCTOR 10	LF													4260				4260	
92	711512	COMMUNICATION CABLE 12 PAIR	LF													510				510	
93	712011	1 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	EA													4				4	
94	712031	3 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	EA													27				27	
95	712051	5 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	EA													17				17	
96	712202	PEDESTRIAN COUNTDOWN SIGNAL (LED)	EA													28				28	
97	712330	3 SECTION BACKPLATE	EA													12				12	
98	712350	5 SECTION BACKPLATE	EA													8				8	
99	713025	ACCESSIBLE PEDESTRIAN SIGNAL PUSH BUTTON STATION	EA													28				28	
100	713826	RADAR PRESENCE DETECTOR	EA													12				12	
101	713842	RADAR DETECTOR CABLE	LF													2225				2225	
102	713843	RADAR DETECTION CABINET INTERFACE UNIT	EA													3				3	
103	714000	TRAFFIC ACTUATED CONTROLLER	EA													3				3	
104	714280	8 PHASE DOUBLE RING CONTROLLER CABINET	EA													3				3	
105	716600	ORNAMENTAL POLE & LUNIMAIRE	EA											20						20	
106	716701	LED ROADWAY LUMINAIRE	EA													24				24	
107	801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LS			LS														LS	
108	802000	POST CONSTRUCTION PLANS	LS			LS														LS	

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
REGISTERED
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

SUMMARY OF QUANTITIES - UNIT I

SHEET NO:

1-5

12/9/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 1\1176085_SQ01.dwg

SUMMARY OF QUANTITIES - UNIT II

NUM.	ITEM NO.	ITEM DESCRIPTION	UNIT	ROADWAY		CONSTRUCTION ENGINEERING		MAJOR STRUCTURES		CONSTRUCTION SIGNING		PERMANENT SIGNING & STRIPING		LIGHTING		SIGNALIZATION		NON-PARTICIPATING		PROJECT TOTAL	
				ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL	ESTIMATED	FINAL
		BRIDGE																			
1	455000	DIAMOND GRINDING OF PCCP	SY					425												425	
2	511070	STRUCTURAL CONCRETE, CLASS HPD	CY					22												22	
3	532000	PENETRATING WATER REPELLENT TREATMENT	SY					82												82	
4	533000	REPAIR OF CONCRETE STRUCTURES	SY					130												130	
5	533001	EMBEDDED GALVANIC ANODES	EACH					465												465	
6	533003	REPLACEMENT REINFORCING BARS	LB					3000												3000	
7	537000	POLYESTER/EPOXY CONCRETE BRIDGE DECK OVERLAY	CY					31												31	
8	540160	EPOXY COATED REINFORCING BARS GRADE 60	LB					2100												2100	
9	546000	RECOATING STRUCTURES	LS					LS												LS	
10	546200	SP 3 POWER TOOL CLEANING	SF					200												200	
11	546210	SP 11 POWER TOOL CLEANING	SF					100												100	
12	547000	SAFETY AND ENVIRONMENTAL REQUIREMENTS	LS			LS														LS	
13	548001	COATING OF CONCRETE - STAIN	SF					1833												1833	
14	601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS					LS												LS	
15	601110	REMOVAL OF SURFACING (BRIDGE)	SY					294												294	
16	603262	COMPOSED MULCH SOCKS	LF					50												50	
17	607079	PEDESTRIAN/BICYCLE RAILING	LF					30												30	
18	663728	8" WATERLINE 0' TO 6' DEPTH	LF					46												46	
19	721000	REMOVAL OF PAVEMENT MARKING	LF			LS		260												260	
20	721101	REMOVAL OF PAVEMENT MARKING SYMBOL	EACH					3												3	

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SUMMARY OF QUANTITIES - UNIT II

SHEET NO:

1-6

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 1\176085_SQ01.dwg

SUMMARY OF QUANTITIES - UNIT I & II

NUM.	ITEM NO.	ITEM DESCRIPTION	PROJECT TOTAL ESTIMATED	FINAL
		ROADWAY		
1	107000	ENVIRONMENTAL COMMITMENTS	LS	
2	201000	CLEARING AND GRUBBING	LS	
3	203000	UNCLASSIFIED EXCAVATION	4020	
4	203100	BORROW	500	
5	203200	UNSUITABLE MATERIAL EXCAVATION	500	
6	207000	SUBGRADE PREPARATION	12990	
7	303180	BASE COURSE 8"	13470	
8	405000	DETOUR PAVEMENT CONSTRUCTION	1090	
9	407000	ASPHALT MATERIAL FOR TACK COAT	5	
10	408100	PRIME COAT MATERIAL	30	
11	423282	HMA SP-III COMPLETE	3530	
12	455000	DIAMOND GRINDING OF PCCP	425	
13	502030	DRILLED SHAFT FOUNDATION 30" DIAMETER	120	
14	502036	DRILLED SHAFT FOUNDATION 36" DIAMETER	132	
15	511000	STRUCTURAL CONCRETE, CLASS A	12	
16	511070	STRUCTURAL CONCRETE, CLASS HPD	22	
17	532000	PENETRATING WATER REPELLENT TREATMENT	82	
18	533000	REPAIR OF CONCRETE STRUCTURE	130	
19	533001	EMBEDDED GALVANIC ANODES	465	
20	533003	REPLACEMENT REINFORCING BARS	3000	
21	537000	POLYESTER/EPOXY CONCRETE BRIDGE DECK OVERLAY	31	
22	540060	REINFORCING BARS GRADE 60	10380	
23	540160	EPOXY COATED REINFORCING BARS GRADE 60	2100	
24	546000	RECOATING STRUCTURES	LS	
25	546200	SP 3 POWER TOOL CLEANING	200	
26	546210	SP 11 POWER TOOL CLEANING	100	
27	547000	SAFETY AND ENVIRONMENTAL REQUIREMENTS	LS	
28	548001	COATING OF CONCRETE - STAIN	1833	
29	570437	24" STORM DRAIN CULVERT PIPE	120	
30	601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	
31	601110	REMOVAL OF SURFACING (ROADWAY UNIT I)	18890	
32	601110	REMOVAL OF SURFACING (BRIDGE UNIT II)	294	
33	603200	SILT FENCE	300	
34	603250	DROP INLET PROTECTION TYPE I	8	
35	603251	DROP INLET PROTECTION TYPE II	3	
36	603262	COMPOSED MULCH SOCKS	50	
37	603281	SWPPP PLAN PREPARATION AND MAINTENANCE	LS	
38	607079	PEDESTRIAN/BICYCLE RAILING	30	
39	608004	CONCRETE SIDEWALK 4"	3690	
40	608006	CONCRETE SIDEWALK 6"	50	
41	608106	DRIVEPAD 6"	1070	
42	608404	CONCRETE MEDIAN PAVEMENT 4" (COLORED AND PATTERNED)	188	
43	609200	HEADER CURB	100	
44	609412	CONCRETE VERTICAL CURB & GUTTER TYPE B 6" x 12"	3910	
45	609416	CONCRETE VERTICAL CURB & GUTTER TYPE B 6" x 16"	85	
46	609424	CONCRETE VERTICAL CURB & GUTTER TYPE B 6" X 24"	4725	
47	609430	CONCRETE VERTICAL CURB & GUTTER TYPE B 6" X 30"	30	
48	609648	CONCRETE VALLEY GUTTER 6" x 48"	1000	
49	609708	CONCRETE LAYDOWN CURB 8"	30	
50	617000	VIBRATION MONITORING	LS	
51	617003	VIDEO RECORDING	LS	
52	617004	VIBRATION RISK SURVEY	LS	
53	618000	TRAFFIC CONTROL MANAGEMENT	LS	
54	618011	PUBLIC AWARENESS	LS	
55	621000	MOBILIZATION	LS	
56	623311	CURB DROP INLET TYPE I-B, 0' TO 4'	3	
57	623314	CURB DROP INLET TYPE IV-B, 0' TO 4'	2	
58	623331	CURB DROP INLET TYPE I-B, OVER 4'	3	
59	623333	CURB DROP INLET TYPE III-B, OVER 4'	1	
60	662400	MANHOLE ADJUSTMENT	18	
61	663049	PRECONSTRUCTION UTILITY SURVEY	LS	
62	663110	REMOVE & RELOCATE FIRE HYDRANT	1	
63	663728	8" WATERLINE 0' TO 6' DEPTH	46	
64	663855	ADJUST VALVE BOX TO GRADE	26	
65	663865	ADJUST WATER METER TO GRADE	25	
66	701000	PANEL SIGNS	496	
67	701030	REMOVE AND RESET PANEL SIGN	15	
68	701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	910	
69	702610	PORTABLE CHANGEABLE MESSAGE SIGN	6	
70	702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	LS	
71	702811	TRAFFIC CONTROL DEVICES FOR PEDESTRIAN AND BICYCLIST	LS	
72	704105	REMOVABLE MARKING TAPE 24"	400	
73	704150	RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE) 4"	16490	
74	704152	RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE) 8"	490	
75	704154	RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE) 24'	1710	
76	704156	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) COMBINATION (THRU AND RIGHT) ARROW	8	
77	704158	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) RIGHT ARROW	7	
78	704160	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) LEFT ARROW	27	

SUMMARY OF QUANTITIES - UNIT I & II

NUM.	ITEM NO.	ITEM DESCRIPTION	PROJECT TOTAL ESTIMATED	FINAL
		ROADWAY		
79	704162	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) THRU ARROW	16	
80	704164	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) WORD (ONLY)	15	
81	704166	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) YIELD MARKINGS	90	
82	704168	RETROREFLECTORIZED PREFORMED PLASTIC MARKINGS (TAPE) BIKE SYMBOL (BIKEWAY)	19	
83	706100	SERVICE RISER (SIGNAL)	2	
84	706110	SERVICE RISER (LIGHTING)	2	
85	706230	METER PEDESTAL (COMBINATION)	3	
86	706420	LIGHTING CONTROL CABINET-TWO CIRCUIT	2	
87	707004	TYPE I STANDARD, 4'	1	
88	707010	TYPE I STANDARD, 10'	4	
89	707015	TYPE I STANDARD, 15'	13	
90	707315	TYPE III STANDARD, 15' ARM	2	
91	707320	TYPE III STANDARD, 20' ARM	2	
92	707325	TYPE III STANDARD, 25' ARM	2	
93	707330	TYPE III STANDARD, 30' ARM	6	
94	709020	RIGID ELECTRICAL CONDUIT 2" (DIA.)	6965	
95	709030	RIGID ELECTRICAL CONDUIT 3" (DIA.)	3465	
96	709040	RIGID ELECTRICAL CONDUIT 4" (DIA)	2040	
97	710000	ELECTRICAL PULL BOX (STANDARD)	41	
98	710010	ELECTRICAL PULL BOX (LARGE)	22	
99	710150	ELECTRICAL PULL BOX TYPE C	10	
100	710350	SPLICE VAULT	3	
101	711005	MULTI CONDUCTOR CABLE 5	4865	
102	711007	MULTI CONDUCTOR CABLE 7	705	
103	711020	MULTI CONDUCTOR CABLE 20	3175	
104	711104	SINGLE CONDUCTOR 4	900	
105	711106	SINGLE CONDUCTOR 6	3995	
106	711108	SINGLE CONDUCTOR 8	10240	
107	711110	SINGLE CONDUCTOR 10	4260	
108	712011	1 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	4	
109	712031	3 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	27	
110	712051	5 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	17	
111	712202	PEDESTRIAN COUNTDOWN SIGNAL (LED)	28	
112	712330	3 SECTION BACKPLATE	12	
113	712350	5 SECTION BACKPLATE	8	
114	713025	ACCESSIBLE PEDESTRIAN SIGNAL PUSH BUTTON STATION	28	
115	713826	RADAR PRESENCE DETECTOR	12	
116	713842	RADAR DETECTOR CABLE	2225	
117	713843	RADAR DETECTION CABINET INTERFACE UNIT	3	
118	714000	TRAFFIC ACTUATED CONTROLLER	3	
119	714280	8 PHASE DOUBLE RING CONTROLLER CABINET	3	
120	716600	ORNAMENTAL POLE & LUNIMAIRE	20	
121	716701	LED ROADWAY LUMINAIRE	24	
122	721000	REMOVAL OF PAVEMENT MARKING	260	
123	721101	REMOVAL OF PAVEMENT MARKING SYMBOL	3	
124	801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LS	
125	802000	POST CONSTRUCTION PLANS	LS	

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11/17/2022

PROJECT NAME

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SHEET TITLE

SUMMARY OF QUANTITIES
UNIT I & II TOTALS

SHEET NO:

1-7

12/8/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 1\1760085_SQ01.dwg

GENERAL NOTES:

1. NOISE ORDINANCE: CITY OF SANTA FE NOISE ORDINANCE SFCC S 10-2.4 B. (5) (A) PROHIBITS OPERATION OF EQUIPMENT USED IN CONSTRUCTION WORK ON STREETS IN RESIDENTIAL OR COMMERCIALLY ZONED AREAS BETWEEN THE HOURS OF 9:00 P.M. AND 7:00 A.M. THE FOLLOWING DAY. IN ACCORDANCE WITH SFCC S 10-2.8 PERMITS, THE CONTRACTOR MAY REQUEST APPROVAL OF A PERMIT TO BE EXEMPT FROM THE AFOREMENTIONED NOISE ORDINANCE FOR THE DURATION OF PROJECT CONSTRUCTION.
2. CONSTRUCTION WATER: THE CITY OF SANTA FE LAND USE CODE 25-2.7(C) PROHIBIT THE USE OF POTABLE WATER (FROM FIRE HYDRANTS) FOR CONSTRUCTION PURPOSES AND THE CONTRACTOR MAY BE REQUIRED TO USE RECLAIMED OR EFFLUENT WATER. THE CONTRACTOR SHOULD CONTACT THE CITY'S WASTEWATER DIVISION AT 955 4650 FOR MORE INFORMATION AND PRICING REGARDING THE AVAILABILITY, USE AND PRICING OF THE FIRE HYDRANT WATER METERING. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO SECURE AND SUPPLY WATER FOR THE PROJECT. THE COST WILL BE INCIDENTAL TO COMPLETION OF THE PROJECT AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.
3. PUBLIC NOTIFICATIONS OF ROAD AND LANE CLOSURES: THE CONTRACTOR SHALL KEEP THE LOCAL MEDIA INFORMED OF LANE CLOSURES THAT WILL RESTRICT THE NORMAL FLOW OF TRAFFIC. AT LEAST ONE (1) WEEK PRIOR TO SUCH CLOSURES THRU THE PROJECT MANAGER. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO ITEM 618000, TRAFFIC CONTROL MANAGEMENT.
4. ADA COMPLIANCE: THE CONTRACTOR SHALL ENSURE ADA COMPLIANCE FOR CONSTRUCTION OF ALL ADA FEATURES AND APPURTENANCES (INCLUDING, BUT NOT LIMITED TO: SIDEWALK AND CURB RAMP CROSS SLOPES; RAMP SLOPES; LEVEL LANDINGS; ETC.) AS DETAILED IN THE PLANS AND IN IN ACCORDANCE WITH REFERENCED STANDARD DRAWINGS, SPECIFICATIONS AND ESTABLISHED ADA GUIDELINES AND STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD CHECKING SLOPES AND DIMENSIONS OF ALL FORMWORK FOR COMPLIANCE PRIOR TO INSTALLATION OF CONCRETE. THE CITY RESERVES THE RIGHT TO INSPECT ANY ADA FEATURE OR APPURTENANCE AT ANY TIME BEFORE FINAL COMPLETION OF THE PROJECT AND TO HAVE THE CONTRACTOR REMOVE, REPLACE, AND/OR CORRECT ANY WORK (AT THEIR COST) THAT IS NOT IN COMPLIANCE WITH THE AFOREMENTIONED PLANS, SPECIFICATIONS, STANDARDS AND GUIDELINES AS DETERMINED BY THE PROJECT MANAGER. WHERE ANY EXISTING OR NEW GUY WIRES POSE BARRIERS TO SITE IMPAIRED PEDESTRIANS WITHIN 27" TO 80" ABOVE FINISHED GRADE OF THE ACCESSIBLE PATH OF TRAVEL (REROUTE WHERE POSSIBLE), FIXED CANE DETECTABLE MEANS SHALL BE PROVIDED AND INSTALLED (AS IN BRICK OR PIPING WARNING BARRIER) BELOW 27" AT THE CONTRACTORS COST.
5. VIBRATORY EQUIPMENT: ALL COMPACTION EFFORTS FOR THE PROJECT SHALL UTILIZE STATIC ROLLING OR NON-VIBRATORY METHODS TO ACHIEVE DENSITY REQUIREMENTS FOR ALL MATERIALS REQUIRED, AS DELINEATED WITHIN THE NMDOT STANDARD SPECIFICATIONS AND THE NMDOT MINIMUM TESTING REQUIREMENTS.
6. ARCHAEOLOGICAL MONITORING PLAN: ALL COMPACTION EFFORTS FOR THE PROJECT SHALL UTILIZE STATIC ROLLING, OR NON-VIBRATORY METHODS TO ACHIEVE DENSITY REQUIREMENTS FOR ALL MATERIALS REQUIRED TO CONSTRUCT THE PROJECT, AS DELINEATED WITHIN THE NMDOT STANDARD SPECIFICATIONS AND THE NMDOT MINIMUM TESTING REQUIREMENTS.
7. TRAFFIC CONTROL DEVICES: ALL TRAFFIC CONTROL DEVICES FOR CONSTRUCTION AND PERMANENT SIGNING SHALL BE PLACED WITHIN CITY OF SANTA FE RIGHT-OF-WAY. ALL TRAFFIC CONTROL FIELD ADJUSTMENTS ARE SUBJECT TO THE REQUIREMENTS OF NMDOT STD DWG SHEET 702-01 GENERAL NOTE # 14: TRAFFIC CONTROL FIELD ADJUSTMENTS.

TESCP ADDITIONAL NOTES

1. CITY OF SANTA FE STORMWATER ILLICIT DISCHARGE CONTROL: SFCC 13-2 PROHIBITS THE DISCHARGE OF POLLUTANTS INCLUDING SEDIMENT, SLURRIES, MUD, PLASTERS, CONCRETE RINSATES AND ANY CONSTRUCTION MATERIALS, WASTES AND GARBAGE, ETC. TO THE STORM DRAIN SYSTEM. THE STORM DRAIN SYSTEM INCLUDES ROADS, STREETS, CURBS, GUTTERS, DROP INLETS, PIPED STORM DRAINS, CULVERTS, RETENTION AND DETENTION BASINS, NATURAL AND MAN-MADE DRAINAGE CHANNELS, ARROYOS, RIVERS AND ANY FACILITY AND APPURTENANCE BY WHICH STORMWATER IS COLLECTED AND/OR CONVEYED.
2. CITY OF SANTA FE TERRAIN AND STORMWATER REGULATIONS: SFCC 14-8.2 REQUIRES THAT CONSTRUCTION DISTURBED AREA SHALL BE PROTECTED AGAINST EROSION. SEDIMENT MUST BE CONTAINED ON THE DISTURBED AREA BY THE USE OF TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES SUCH AS SILT FENCING, MULCH SOCKS, SWALES, BERMS, GEOTEXTILES, SEDIMENT BASINS AND TRAPS. PROTECTION FOR STORM DRAIN INLETS SHALL BE PROVIDED TO PREVENT THE ENTRY OF SEDIMENT FROM THE SITE WHILE STILL ALLOWING THE ENTRY OF STORMWATER. CONTROL DEVICES SHALL BE KEPT IN PLACE AND USED UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED.
3. THE CONTRACTOR SHALL NOT REMOVE SILT FENCES AND MULCH SOCKS OR OTHER TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES UNTIL DISTURBED AREAS ARE STABILIZED. THE CONTRACTOR SHALL REMOVE SUCH DEVICES ONLY AT THE DIRECTION OF THE PROJECT MANAGER. SUCH DIRECTION MAY BE GIVEN PRIOR TO OR ON THE DATE OF THE WARRANTY INSPECTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM NO. 603280 - SWPPP MANAGEMENT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

NMDOT GENERAL NOTES:

1. **DESCANSOS:** THE CONTRACTOR SHALL DOCUMENT THE LOCATION, CONDITION AND PHOTOGRAPH ALL DESCANSOS WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO SEE THAT ANY AND ALL DESCANSOS WITHIN THE PROJECT LIMITS ARE NOTE ADVERSELY IMPACTED DURING CONSTRUCTION ACTIVITIES. DESCANSOS THAT INTERFERE WITH CONSTRUCTION ACTIVITIES SHALL BE CAREFULLY REMOVED AND STORED FOR LATER RESETTING AT A LOCATION APPROVED BY THE PROJECT MANAGER. DESCANSOS DAMAGED DURING PROJECT CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION, TO THE SATISFACTION OF THE PROJECT MANAGER. THIS WORK SHALL BE CONSIDERED INCIDENTAL.
2. **"R" VALUE:** THE DESIGN "R" VALUE FOR THIS PROJECT IS 20. THE DESIGN R-VALUE FOR THE DETOUR IS 20.
3. **CITY, COUNTY, PUEBLO, etc. COORDINATION:** THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT MANAGER, A MINIMUM OF 96 HOURS IN ADVANCE TO COORDINATE ANY SIGNAL TIMING MODIFICATIONS FOR DETOURS.

UTILITY CONTACTS

UTILITY COMPANY	CONTACT NAME	EMAIL	UTILITY SERVICE
CITY OF SANTA FE	DEE BEINGESSNER	dabeingessner@santafenm.gov	WATER
CITY OF SANTA FE	STAN HOLLAND	tsholland@santafenm.gov	SEWER
CITY OF SANTA FE	JOSE LERMA	jose.lerma@santafenm.gov	POWER
CENTURYLINK	JAMES WOFFORD	james.wofford@centurylink.com	PHONE
CENTURYLINK	DOUG DALE	doug.dale@centurylink.com	PHONE
COMCAST	DAVID AIKIN	david_aikin@comcast.com	CABLE
NEW MEXICO GAS COMPANY	ANITA HERNANDEZ	anita.hernandez@nmgco.com	GAS
NEW MEXICO GAS COMPANY	STEVEN LARRANAGA	steven.larranaga@nmgco.com	GAS
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PNM	JERROLD ORTEGA	jerrold.ortega@pnm.com	POWER
PNM	MARCOS ARCHULETA	marcos.archuleta.pnm.com	POWER

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16 AGRICULTURAL & BIOLOGICAL ENGINEER
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GENERAL NOTES

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1-8

8/18/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 1\176085_GN01.dwg

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THE CONTRACTOR SHALL REFER TO SECTION 107 OF THE STANDARD SPECIFICATION, MAKING SPECIAL NOTE OF SUB-SECTION 107 14: CONTRACTORS RESPONSIBILITY FOR ENVIRONMENTAL AND CULTURAL RESOURCE PROTECTION.

☐ NO ADDITIONAL PROJECT-SPECIFIC ENVIRONMENTAL APPLY.

☐ IN ADDITION TO SECTION 107, THE FOLLOWING PROJECT-SPECIFIC ENVIRONMENTAL REQUIREMENTS APPLY

ENVIRONMENTAL COMMITMENTS FOR CN S100460:

The following environmental commitments shall be included in the final construction plans for the project:

Cultural Resources and Historic Properties
To avoid potential impacts to cultural and historic resources, a qualified archaeologist shall monitor all ground-disturbing activities associated with the project in accordance with the project's approved monitoring plan, *Archaeological Monitoring Plan for the City of Santa Fe's North Guadalupe Street Reconstruction Project from Agua Fria Street to Paseo De Peralta in the City of Santa Fe, Santa Fe County, New Mexico, NMDOT District 5*, prepared by Trisha Rude, M.S., RPA, Tierra Right of Way Services, Ltd. Report No. 2020-074, dated June 21, 2020. To further avoid impacts to cultural resources and traditional cultural properties, there will be a pre-construction meeting with Pueblo consulting parties, consultants, and the construction contractor. A representative of the Pueblo of Tesuque will be present at this meeting as well as the monitoring archaeologist.

While the proposed undertaking should not directly impact the historic built environment, indirect impacts to historic properties need to be avoided. To avoid indirect impacts, Tierra recommended that 1) vibratory equipment such as rock hammers and large vibratory rollers should not be used within 15 m (50 feet) of contributing properties within the historic districts, while smaller equipment such as small tamping machines and walk-behind compactors should not be used within 3 m (10 feet) and non-vibratory rollers should not be used within 9 m (30 feet) of such properties; 2) curb and gutter work at roadway intersections must be designed in a way that visually aligns with the historic setting in accordance with City of Santa Fe guidelines; and 3) the use of materials, such as paint or new streetlight covers, should conform to City of Santa Fe standards for the historic districts.

Water Resources
Prior to construction, a SWPPP will be prepared in accordance with the National Pollutant Discharge Elimination System Construction General Permit (CGP) and a Notice of Intent for coverage under the CGP will be submitted to the Environmental Protection Agency.

Invasive Species
All disturbed areas not to be landscaped as part of the project will be reseeded with a NMDOT-approved seed mix utilizing the specifications outlined by NMDOT District 5.

DocuSigned by:
Trent Batson
2C407E2EBECB4A2...
7/28/2022
ENVIRONMENTAL BUREAU MANAGER

GENERAL NOTES:

1. PRAIRIE DOG AND BURROWING OWL SURVEY: PRIOR TO CONSTRUCTION, A SURVEY FOR PRAIRIE DOGS AND BURROWING OWLS SHALL BE CONDUCTED BY THE CONTRACTOR THROUGHOUT THE PROJECT LIMITS AND WITHIN THE EXISTING RIGHT-OF-WAY. PRAIRIE DOG SURVEYS SHALL BE CONDUCTED BETWEEN APRIL AND SEPTEMBER. IF PRAIRIE DOGS ARE FOUND, THEY SHALL BE RELOCATED IN COMPLIANCE WITH CITY OF SANTA FE ORDINANCES TO AN APPROPRIATE HABITAT OUTSIDE OF THE BREEDING SEASON (MAY 1 - JUNE 15).
2. PRAIRIE DOG LOCATION: IN THE EVENT PRAIRIE DOGS ARE LOCATED WITHIN THE PROJECT LIMITS DURING CONSTRUCTION THE CONTRACTOR SHALL CEASE WORK IN THE AREA IMMEDIATELY AND NOTIFY THE PROJECT MANAGER. THE CONTRACTOR IS HEREBY ADVISED OF THE CITY OF SANTA FE ORDINANCE (ARTICLE 14-8.12) REGARDING THE HUMANE RELOCATION OF GUNNISON PRAIRIE DOGS AND SHALL BE REQUIRED TO ADHERE TO ALL FACETS OF THE ORDINANCE IF THE NEED ARISES.

ARCHEOLOGICAL MONITORING:

1. ARCHEOLOGICAL MONITOR WILL BE REQUIRED AT LOCATIONS WHERE THE DEPTH OF GROUND DISTURBANCE WILL BE GREATER THAN 4.5 FT BELOW THE PRESENT GROUND SURFACE.

ENVIRONMENTAL COMMITMENTS FOR CN LP50008:

The following environmental commitments shall be included in the final construction plans for the project:

Lead-based paint (LBP): The bridge railings contain LBP. The City will include a LBP notice to contractor in the contract book and include item #547000 (Safety and Environmental Requirements for Painting Operations) in the Summary of Quantities

Migratory birds: The Contractor shall at all times comply with the Migratory Bird Treaty Act, which prohibits possession, capture, or killing of any migratory bird, egg, or occupied nest. If occupied nests (i.e., containing eggs or juvenile birds) are present during construction, the parental birds and their nests must be avoided until juvenile birds have fledged and flown away from nests. Occupied nests cannot be disturbed or relocated without a United States Fish and Wildlife Service (USFWS) permit. Any cost or suspension of work caused by nest avoidance, USFWS permitting, or USFWS permit denial, shall be at the Contractor's expense. Prior to the seasonal onset of bird nesting activity, the Contractor may elect to install and maintain bird exclusion measures such as bird netting, or perform daily monitoring and removal of nesting attempts before egg-laying occurs, to prevent establishment of occupied nests. In cases where the Project Proponent elects to initiate nest prevention measures prior to Contractor mobilization, the costs and effectiveness of nest prevention measures shall become the responsibility of the Contractor upon the date of mobilization.

Noxious Weeds: The City shall ensure Best Management Practices are implemented during construction to prevent the proliferation of noxious weeds such high-pressure wash cleaning construction equipment and vehicles prior to arriving on site at commencement of construction and before leaving the site. To prevent the spread of noxious weeds, mulch and compost used on the project must be certified noxious weed free, as required by Section 632 of the 2019 edition of the NMDOT Standard Specifications for Highway and Bridge Construction.

Section 404: Construction activities shall comply with all conditions of the Section 404 permit and the Section 401 water quality certification.

Stormwater pollutants: Best Management Practices (BMP's) shall be installed and maintained both during and after construction to prevent, to the extent practicable, pollutants in storm water runoff from entering Waters of the U.S. Temporarily disturbed areas will be re[1]vegetated after construction to limit erosion potential. Contractor shall work in coordination with the River and Watershed Section of Public Works to amend Living River Releases as needed to allow for construction activities. Contractor shall not work within the channel during spring runoff or the summer monsoon season. Releases from dams must be incorporated into the work schedule to avoid working in high water; therefore, the Contractor will request copy of the current Target Flow Hydrograph, from the City, for construction planning purposes. Work in the stream channel must be limited to periods of low flow.

Inadvertent Discovery: If buried archeological or cultural deposits are discovered during construction, work in the immediate area shall cease while the SHPO, the NMDOT Environmental Bureau, and the local/tribal government are consulted.

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CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
REGISTERED
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
ENVIRONMENTAL COMMITMENTS

SHEET NO:
1-9

7/27/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 1\176085_ER01.dwg

K - VALUE TABLE					
PVI STATION	CURVE TYPE	K-VALUE	MIN K-VALUE	MIN K-VALUE SSD	MIN K-VALUE PSD
16+33.65	Sag	64.15	17'		57'
23+25.01	Crest	184.73		7'	57'
30+55.71	Sag	191.47	17'		57'
SSD - STOPPING SIGHT DISTANCE					
PSD - PASSING SIGHT DISTANCE					

LENGTH OF PROJECT				
STATION	STATION	LF	MILES	REMARKS
09+16.66	45+00.00	3583.34	0.679	GUADALUPE ST FULL RECONSTRUCTION
TOTAL		3583.34	0.679	

GUADALUPE ST POSTED SPEED = 25 MPH

GUADALUPE ST DESIGN SPEED = 30 MPH

AADT							
YEAR	AADT	DHV-30	K%	D%	PA	BC	Src
2018	20,898		11	59	20,388 (98%)	510 (2%)	Grown from 2017
2017	20,877				19,812 (95%)	1,065 (5%)	restored from 2017 HPMS Report
2015	20,571		11	59			
2014	20,729		11	70			

THE 20-YR ESAL = 1,460,000

EXISTING PAVEMENT CORE TABLE									
STATION	OFFSET (FT)	THICKNESS (IN)	MATERIAL	THICKNESS	MATERIAL	AASHTO SOIL CLASSIFICATION	SUBGRADE SOIL DESCRIPTION	R-VALUE	REMARKS
11+01.78	2.52' LT	7.00	PMBP	0.00	BASECOURSE	A-1-b	SANDY, SILTY	69	Estimated
16+65.22	4.20' RT	7.00	PMBP	0.00	BASECOURSE	A-1-a	SANDY, SILTY	72	Estimated
27+55.46	17.04' RT	7.00	PMBP	0.00	BASECOURSE	A-2-4	SANDY, CLAYEY	20	Tested
34+09.25	20.88' RT	7.00	PMBP	0.00	BASECOURSE	A-2-4	SANDY, CLAYEY	36	Estimated

* VALUES FOR THIS TABLE WERE OBTAINED BY GEOTECHNICAL EVALUATION REPORT FOR GUADALUPE ST RECONSTRUCTION DATED JANUARY 16 2018 BY WESTERN TECHNOLOGIES INC.

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07/29/2022

PROJECT NAME

GUADALUPE ST RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO: 1760008500
NMDOT PROJECT NO: S100460 & LP50008
DESIGNED BY: TJA
DRAWN BY: JEM
CHECKED BY: TJA
DATE: JUL 2022

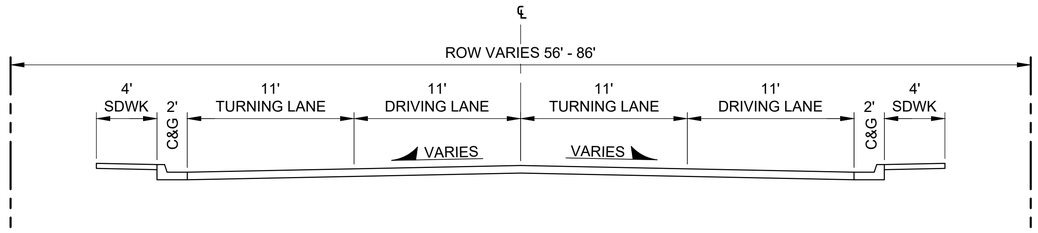
SHEET TITLE

ROADWAY DESIGN PARAMETERS

SHEET NO:

2-1

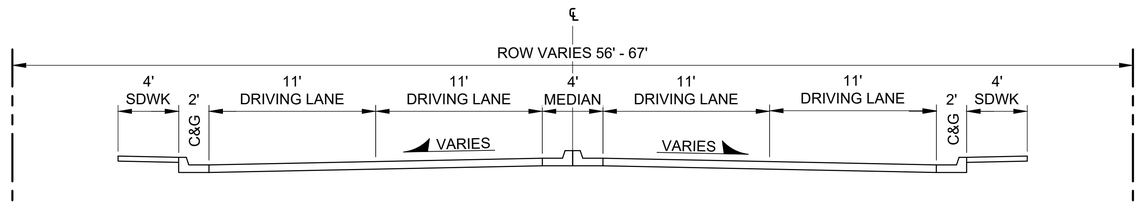
7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_TS01.dwg



E2 GUADALUPE ST EXISTING TYPICAL SECTION "A"

BOP STA: 9+16.66 TO STA: 15+00.00
TRANSITION FROM TYP SEC "A" TO TYP SEC "B"

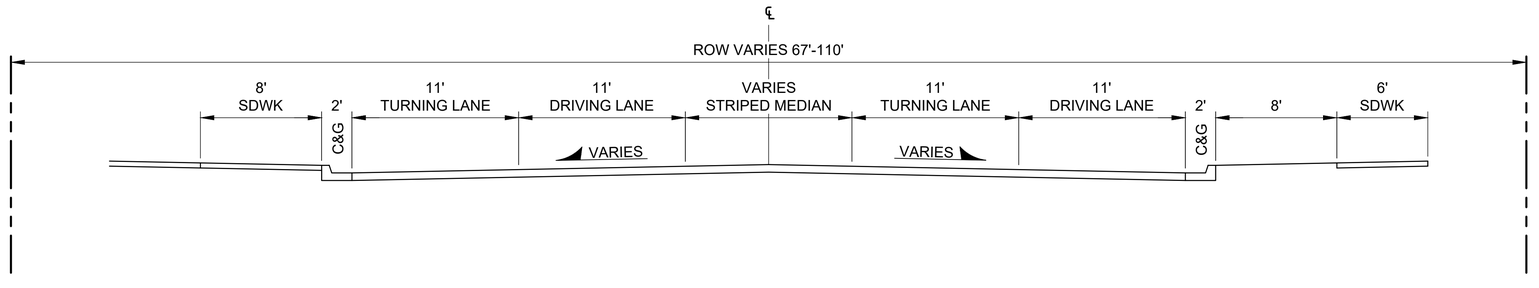
SCALE: 1" = 5'



C2 GUADALUPE ST EXISTING TYPICAL SECTION "B"

STA: 16+00.00 TO STA: 24+00.00
TRANSITION FROM TYP SEC "B" TO TYP SEC "C"

SCALE: 1" = 5'



A1 GUADALUPE ST EXISTING TYPICAL SECTION "C"

STA: 25+00.00 TO STA: 37+00.00

SCALE: 1" = 5'

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REGISTERED PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

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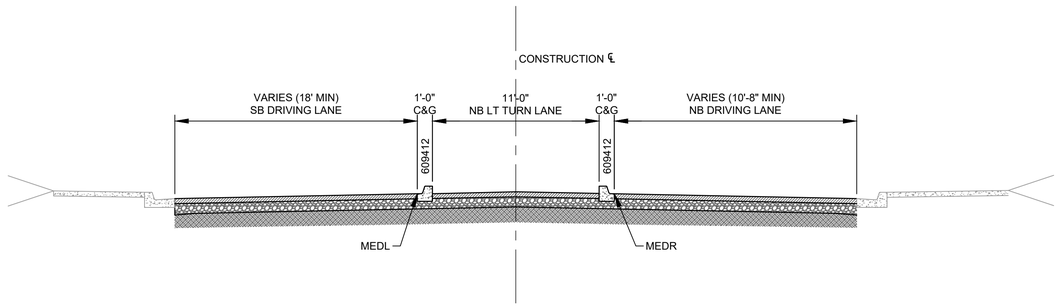
WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
EXISTING TYPICAL SECTIONS

SHEET NO:
2-2

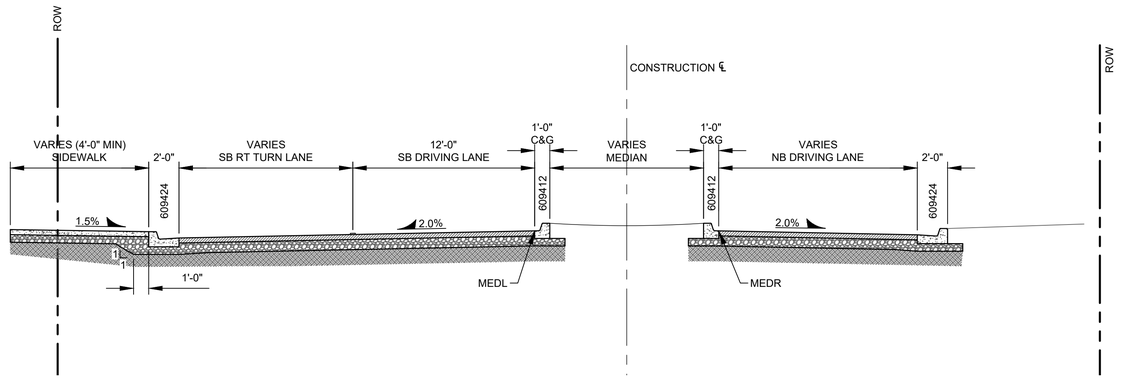
7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_TS02.dwg



G1 GUADALUPE ST PROPOSED TYPICAL SECTION "A"

BOP STA 9+16.66 TO STA 10+45.86
TRANSITION FROM TYP SEC "A" TO TYP SEC "B"
SCALE: 1" = 5'

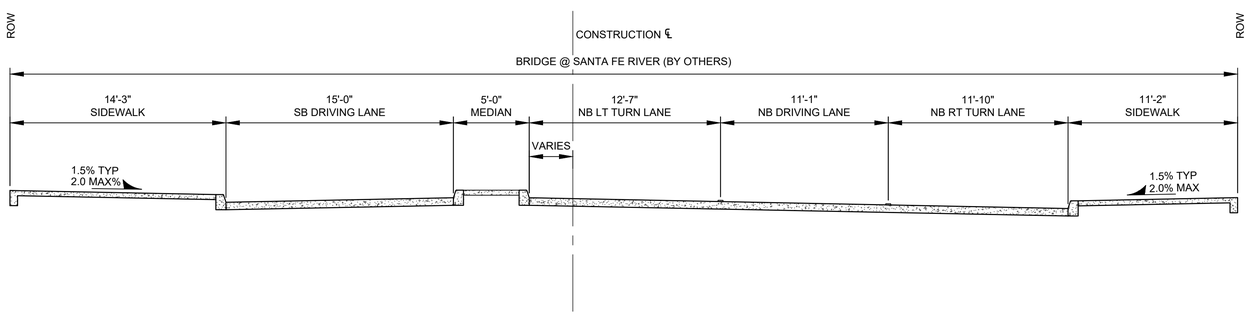
0 2.5' 5'



D1 GUADALUPE ST PROPOSED TYPICAL SECTION "B"

STA 10+45.86 TO STA 12+15.92
TRANSITION FROM TYP SEC "B" TO TYP SEC "C"
SCALE: 1" = 5'

0 2.5' 5'



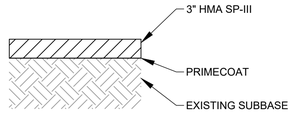
A1 GUADALUPE ST PROPOSED TYPICAL SECTION "C" (BRIDGE @ SANTA FE RIVER - BY OTHERS)

STA 12+15.92 TO STA 13+79.41
TRANSITION FROM TYP SEC "C" TO TYP SEC "D"
SCALE: 1" = 5'

0 2.5' 5'

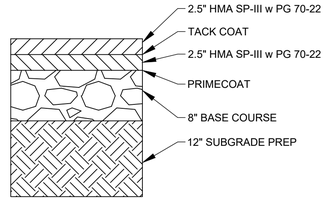
LEGEND

EOPL	EDGE OF PAVEMENT LEFT PROFILE GRADE
EOPR	EDGE OF PAVEMENT RIGHT PROFILE GRADE
MEDL	MEDIAN EDGE OF PAVEMENT LEFT PROFILE GRADE
MEDR	MEDIAN EDGE OF PAVMENT RIGHT PROFILE GRADE
SWL	BACK OF SIDEWALK LEFT PROFILE GRADE
SWR	BACK OF SIDEWALK RIGHT PROFILE GRADE



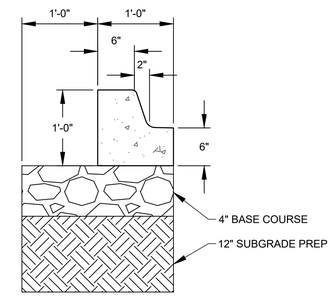
G9 PROPOSED DETOUR PAVEMENT SECTION

SCALE: 1" = 1'
405000



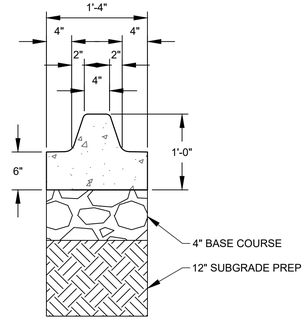
F9 PROPOSED HMA PAVEMENT SECTION

SCALE: 1" = 1'
423282



D9 CONCRETE VERTICAL C&G 6"x12"

SCALE: 1" = 1'
609412



A9 CONCRETE VERTICAL C&G 6"x16"

SCALE: 1" = 1'
609416

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07/29/2022

PROJECT NAME
GUADALUPE ST
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SANTA FE, NM
CIP # 801B

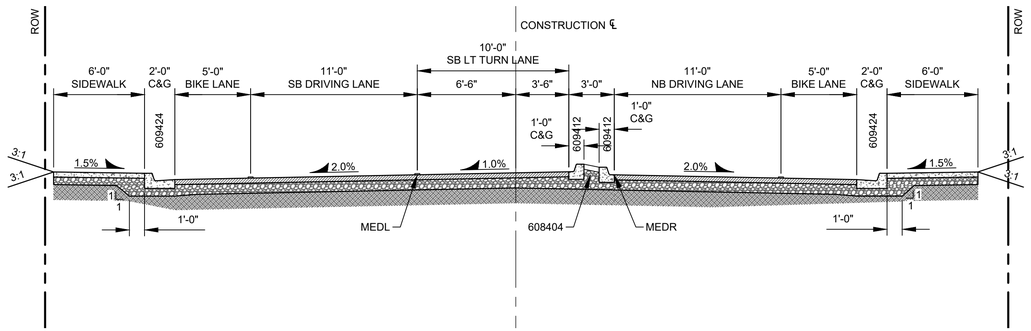
REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
PROPOSED TYPICAL SECTIONS

SHEET NO:
2-3

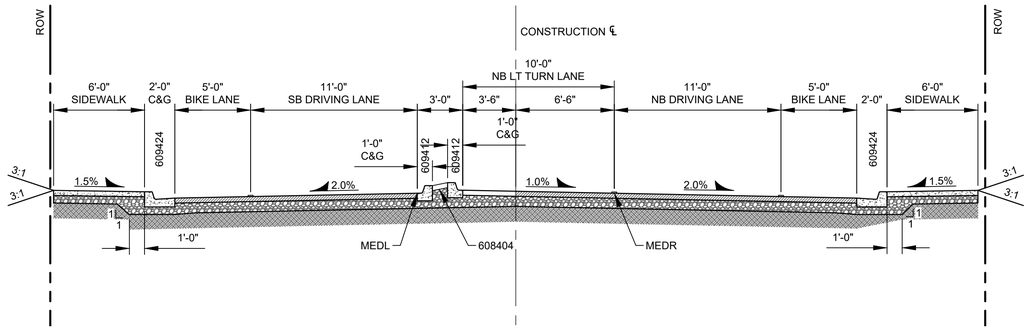
12/9/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_TS03.dwg



G1 GUADALUPE ST PROPOSED TYPICAL SECTION "D"

STA 14+66.75 TO STA 17+09.52
TRANSITION FROM TYP SEC "D" TO TYP SEC "E"
SCALE: 1" = 5'

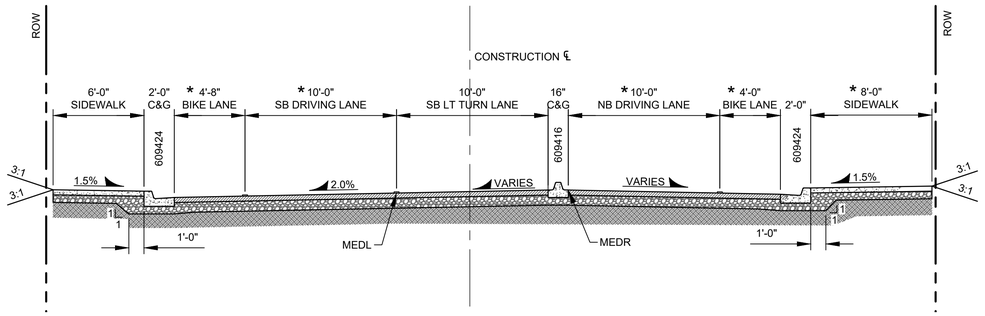
0 2.5' 5'



D1 GUADALUPE ST PROPOSED TYPICAL SECTION "E"

STA 17+53.14 TO STA 18+04.96
TRANSITION FROM TYP SEC "E" TO TYP SEC "F"
SCALE: 1" = 5'

0 2.5' 5'



* NOTE:
NORTHBOUND LANE AND BIKE LANE WIDTH REDUCED TO HAVE PROPOSED SIDEWALK ADA ACCESSIBLE AROUND EXISTING POWER POLES (MIN 4 FT) BETWEEN SAN FRANCISCO ST AND JOHNSON ST
NORTHBOUND LANE WIDTH = 10' (TYPICAL 11')
NORTHBOUND BIKE LANE WIDTH = 4' (TYPICAL 5')
NORTHBOUND SIDEWALK WIDTH = 8' (TYPICAL 6')

SOUTHBOUND LANE WIDTH = 10' (TYPICALL 11')
SOUTHBOUND BIKE LANE WIDTH = 4'-8" (TYPICAL 5')

A1 GUADALUPE ST PROPOSED TYPICAL SECTION "F"

STA 18+77.88 TO STA 19+58.89
TRANSITION FROM TYP SEC "F" TO TYP SEC "G"
SCALE: 1" = 5'

0 2.5' 5'

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07/29/2022

PROJECT NAME
GUADALUPE ST
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	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
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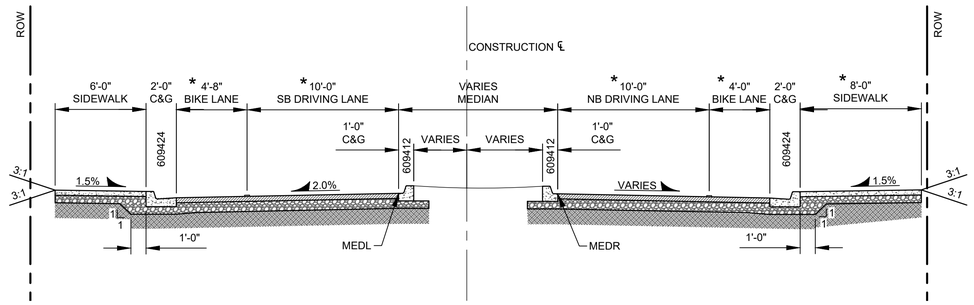
SHEET TITLE
PROPOSED TYPICAL SECTIONS

SHEET NO:
2-4

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_TS03.dwg



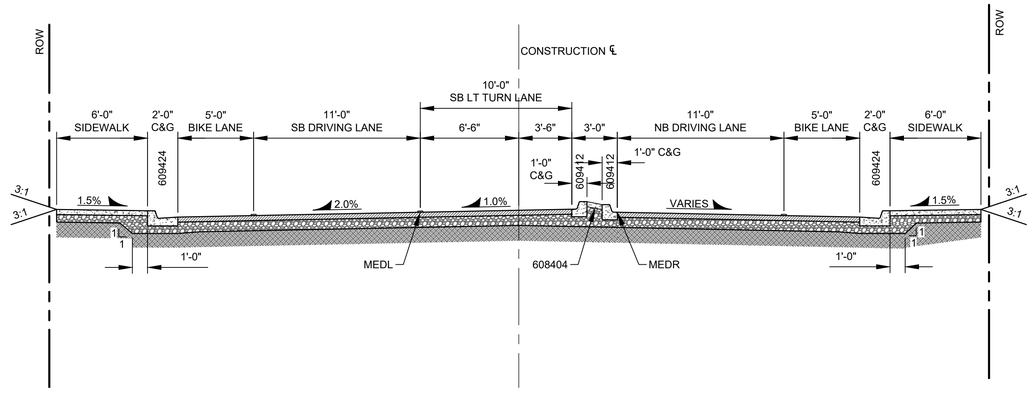
* NOTE:
NORTHBOUND LANE AND BIKE LANE WIDTH REDUCED TO HAVE PROPOSED SIDEWALK ADA ACCESSIBLE AROUND EXISTING POWER POLES (MIN 4 FT) BETWEEN SAN FRANCISCO ST AND JOHNSON ST
NORTHBOUND LANE WIDTH = 10' (TYPICAL 11')
NORTHBOUND BIKE LANE WIDTH = 4' (TYPICAL 5')
NORTHBOUND SIDEWALK WIDTH = 8' (TYPICAL 6')

SOUTHBOUND LANE WIDTH = 10' (TYPICALL 11')
SOUTHBOUND BIKE LANE WIDTH = 4'-8" (TYPICAL 5')

G1 GUADALUPE ST PROPOSED TYPICAL SECTION "G"

STA 20+02.48 TO STA 21+73.96
TRANSITION FROM TYP SEC "G" TO TYP SEC "H"
SCALE: 1" = 5'

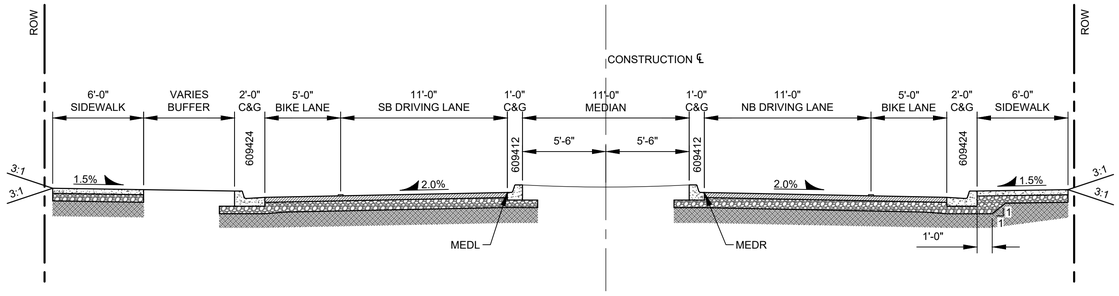
0 2.5' 5'



D1 GUADALUPE ST PROPOSED TYPICAL SECTION "H"

STA 22+46.82 TO STA 23+95.98
TRANSITION FROM TYP SEC "H" TO TYP SEC "J"
SCALE: 1" = 5'

0 2.5' 5'



A1 GUADALUPE ST PROPOSED TYPICAL SECTION "J"

STA 24+39.57 TO STA 26+73.88
TRANSITION FROM TYP SEC "J" TO TYP SEC "K"
SCALE: 1" = 5'

0 2.5' 5'

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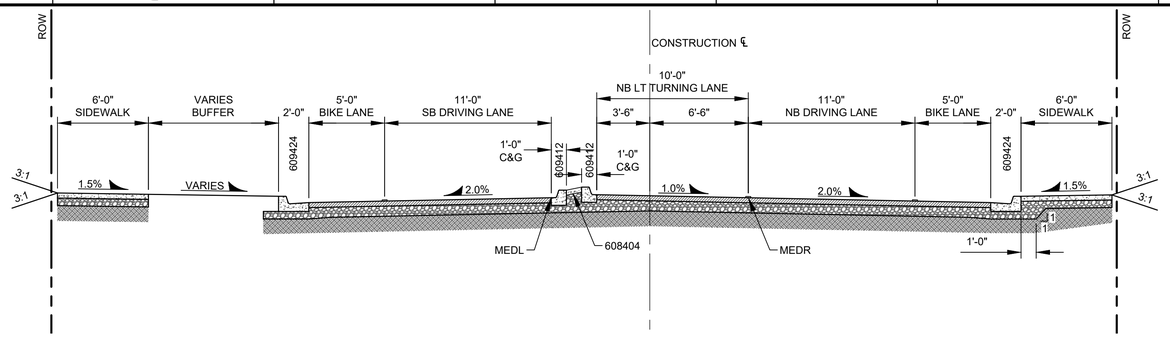
SHEET TITLE
PROPOSED TYPICAL SECTIONS

SHEET NO:
2-5

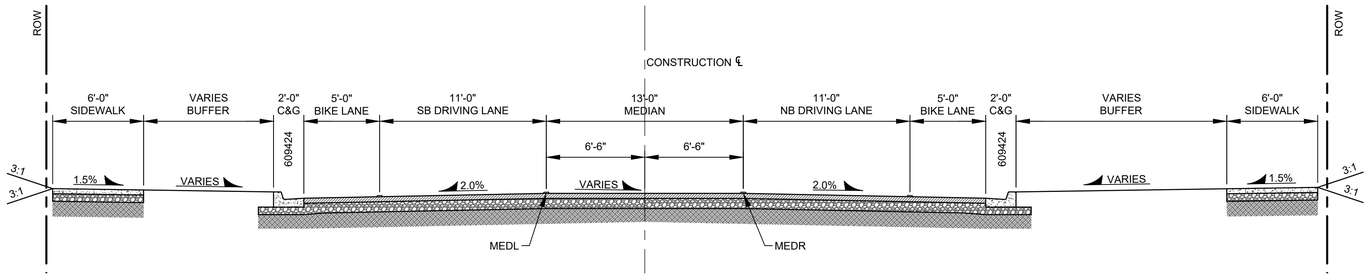
7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_TS03.dwg



G1 GUADALUPE ST PROPOSED TYPICAL SECTION "K"

STA 27+17.47 TO STA 28+33.02
TRANSITION FROM TYP SEC "K" TO TYP SEC "M"
SCALE: 1" = 5'

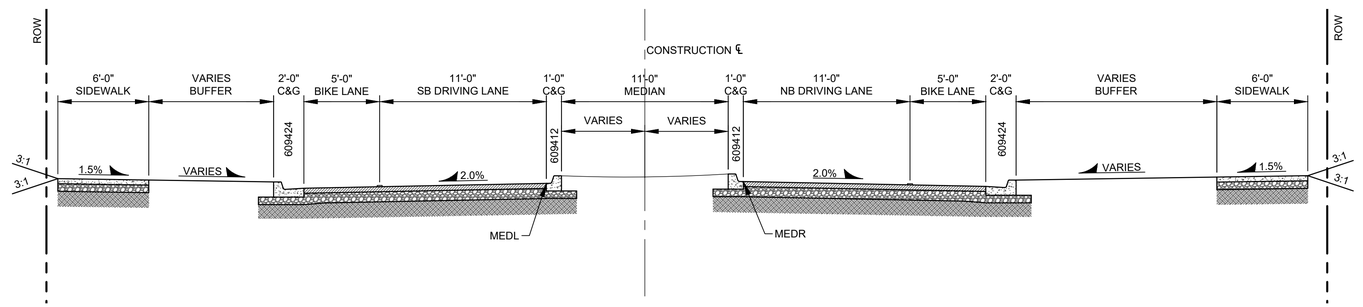
0 2.5' 5'



D1 GUADALUPE ST PROPOSED TYPICAL SECTION "M"

STA 29+05.96 TO STA 31+72.32
TRANSITION FROM TYP SEC "M" TO TYP SEC "N"
SCALE: 1" = 5'

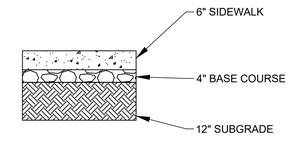
0 2.5' 5'



A1 GUADALUPE ST PROPOSED TYPICAL SECTION "N"

STA 31+78.82 TO STA 32+24.84
TRANSITION FROM TYP SEC "N" TO TYP SEC "P"
SCALE: 1" = 5'

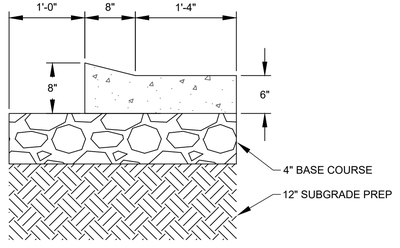
0 2.5' 5'



ROADWAY CROSSINGS: PARK AVE & JOSE ST

D8 CONCRETE PAVEMENT SECTION @ ACEQUIA ROADWAY CROSSINGS

SCALE: 1" = 2'



A9 CONCRETE LAYDOWN CURB 8"

SCALE: 1" = 1'

609708

WILSON & COMPANY
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
REGISTERED
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

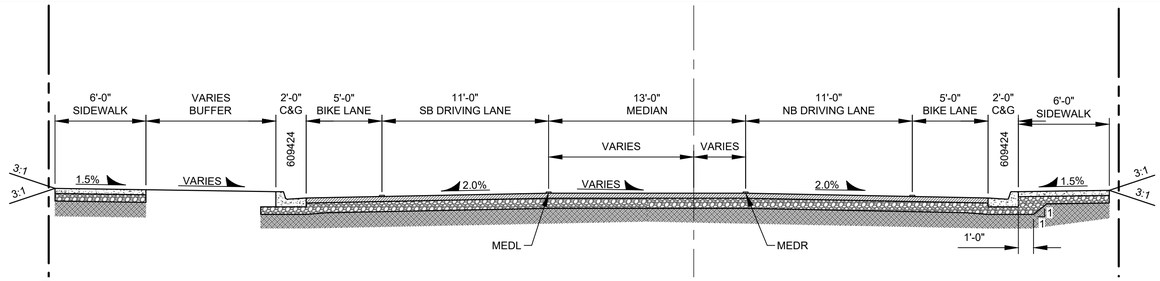
REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
PROPOSED TYPICAL SECTIONS

SHEET NO:
2-6

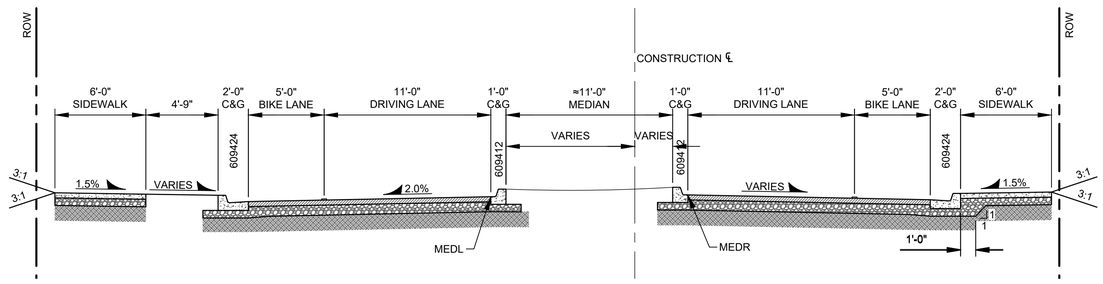
7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_TS03.dwg



G1 GUADALUPE ST PROPOSED TYPICAL SECTION "P"

STA 32+24.84 TO STA 33+18.09
TRANSITION FROM TYP SEC "P" TO TYP SEC "Q"
SCALE: 1" = 5'

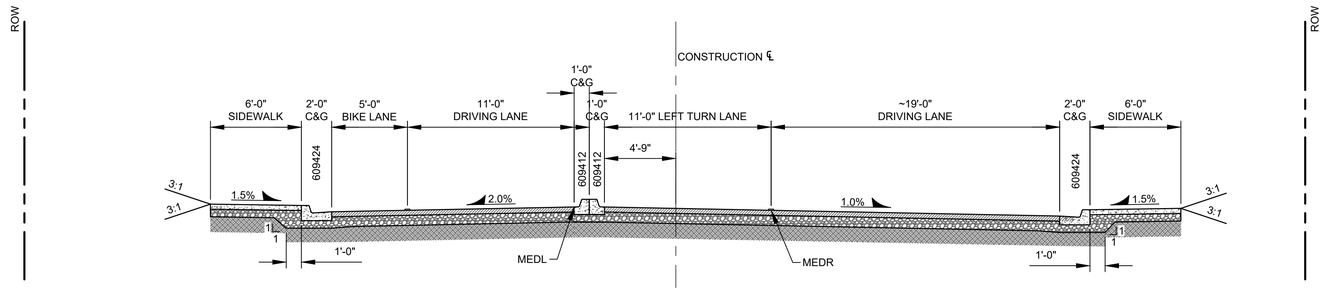
0 2.5' 5'



E1 GUADALUPE ST PROPOSED TYPICAL SECTION "Q"

STA 33+18.09 TO STA 33+49.10
TRANSITION FROM TYP SEC "Q" TO TYP SEC "R"
SCALE: 1" = 5'

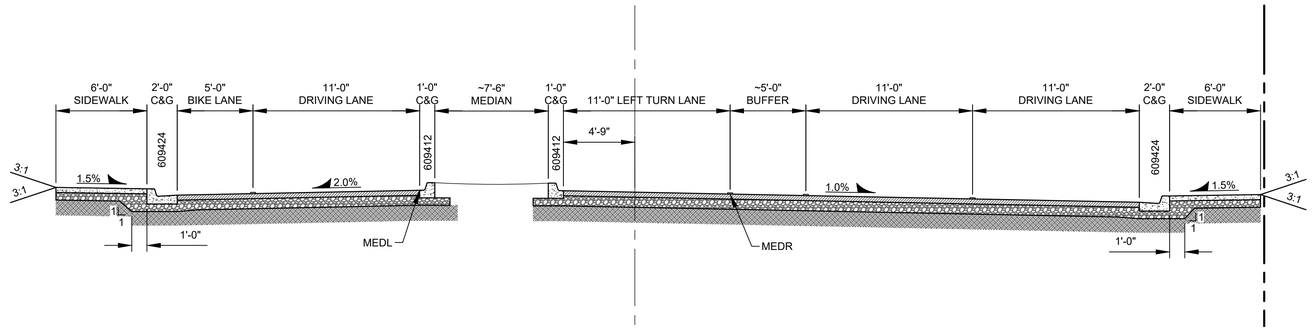
0 2.5' 5'



C1 GUADALUPE ST PROPOSED TYPICAL SECTION "R"

STA 34+28.63 TO STA 35+44.53
SCALE: 1" = 5'

0 2.5' 5'



A1 GUADALUPE ST PROPOSED TYPICAL SECTION "S"

STA 35+44.53 TO STA 37+62.66 (END AT PASEO DE PERALTA)
SCALE: 1" = 5'

0 2.5' 5'

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SHEET TITLE
PROPOSED TYPICAL SECTIONS

SHEET NO:
2-7

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_TS03.dwg

SURFACING SCHEDULE

					207000			303180			407000		408100		423282				PG GRADED ASPHALT **	HYDRATED LIME **
					SUBGRADE PREPARATION			BASE COURSE 8"			ASPHALT MATERIAL FOR TACK COAT		PRIME COAT MATERIAL		HMA SP-III COMPLETE					
STATION	TO	STATION	DESCRIPTION	LENGTH (FT)	AVG WIDTH (FT)	DEPTH (IN)	(SQ YD)	AVG WIDTH (FT)	DEPTH (IN)	(SQ YD)	AREA (SY)	(TON)	AREA (SY)	(TON)	AVG WIDTH (FT)	DEPTH (IN)	(SQ YD)	(TON)	(TON)	(TON)
GUADALUPE ST																				
09+16.66		10+45.86	TYPICAL - A	129.20																
			NORTH BOUND LANE		16		229.69	16	8	229.69	229.69	0.08	229.69	0.43	16	5	229.69	62.21	3.30	0.62
			SOUTH BOUND LANE		16		229.69	16	8	229.69	229.69	0.08	229.69	0.43	16	5	229.69	62.21	3.30	0.62
10+45.86		12+15.92	TYPICAL - B	170.06																
			NORTH BOUND LANE		16		302.33	16	8	302.33	302.33	0.10	302.33	0.57	16	5	302.33	81.88	4.34	0.82
			SOUTH BOUND LANE		24		453.49	24	8	453.49	302.33	0.10	453.49	0.85	16	5	302.33	81.88	4.34	0.82
12+15.92		13+79.41	TYPICAL - C	163.49																
			NORTH BOUND LANE		26		472.30	26	8	472.30	472.30	0.16	472.30	0.89	26	5	472.30	127.92	6.78	1.28
			SOUTH BOUND LANE		24.5		445.06	16	8	290.65	290.65	0.10	445.06	0.54	16	5	290.65	78.72	4.17	0.79
13+79.41		14+66.75	TRANSITION C - D	87.34																
			NORTH BOUND LANE		21		203.79	21	8	203.79	203.79	0.07	203.79	0.38	21	5	203.79	55.19	2.93	0.55
			SOUTH BOUND LANE		21		203.79	21	8	203.79	203.79	0.07	203.79	0.38	21	5	203.79	55.19	2.93	0.55
14+66.75		17+09.52	TYPICAL - D	242.77																
			NORTH BOUND LANE		16		431.59	18	8	485.54	431.59	0.14	431.59	0.91	16	5	431.59	116.89	6.20	1.17
			SOUTH BOUND LANE		26		701.34	27	8	728.31	701.34	0.23	701.34	1.37	26	5	701.34	189.95	10.07	1.90
17+09.52		17+53.14	TRANSITION D - E	43.62																
			NORTH BOUND LANE		21		101.78	21	8	101.78	101.78	0.03	101.78	0.19	21	5	101.78	27.57	1.46	0.28
			SOUTH BOUND LANE		21		101.78	21	8	101.78	101.78	0.03	101.78	0.19	21	5	101.78	27.57	1.46	0.28
17+53.14		18+04.96	TYPICAL - E	51.82																
			NORTH BOUND LANE		26		149.70	27	8	155.46	149.70	0.05	149.70	0.29	26	5	149.70	40.54	2.15	0.41
			SOUTH BOUND LANE		16		92.12	18	8	103.64	92.12	0.03	92.12	0.19	16	5	92.12	24.95	1.32	0.25
18+04.96		18+77.88	TRANSITION E - F	72.92																
			NORTH BOUND LANE		24.25		196.48	24.25	8	196.48	196.48	0.07	196.48	0.37	24.25	5	196.48	53.21	2.82	0.53
			SOUTH BOUND LANE		17.75		143.81	17.75	8	143.81	143.81	0.05	143.81	0.27	17.75	5	143.81	38.95	2.06	0.39
18+77.88		19+58.89	TYPICAL - F	81.01																
			NORTH BOUND LANE		24.67		222.06	25.67	8	231.06	202.53	0.07	222.06	0.43	22.5	5	202.53	54.85	2.91	0.55
			SOUTH BOUND LANE		14		126.02	16	8	144.02	202.53	0.07	126.02	0.27	22.5	5	202.53	54.85	2.91	0.55
19+58.89		20+02.48	TRANSITION F - G	43.59																
			NORTH BOUND LANE		19.67		95.27	19.67	8	95.27	117.45	0.04	95.27	0.18	24.25	5	117.45	31.81	1.69	0.32
			SOUTH BOUND LANE		14		67.81	14	8	67.81	85.97	0.03	67.81	0.13	17.75	5	85.97	23.28	1.23	0.23
20+02.48		21+73.96	TYPICAL - G	171.48																
			NORTH BOUND LANE		14		266.75	16	8	304.85	304.85	0.10	266.75	0.57	16	5	304.85	82.56	4.38	0.83
			SOUTH BOUND LANE		14.67		279.51	16.67	8	317.62	304.85	0.10	279.51	0.60	16	5	304.85	82.56	4.38	0.83
21+73.96		22+46.82	TRANSITION G - H	72.86																
			NORTH BOUND LANE		19.5		157.86	19.5	8	157.86	157.86	0.05	157.86	0.30	19.5	5	157.86	42.75	2.27	0.43
			SOUTH BOUND LANE		22.5		182.15	22.5	8	182.15	182.15	0.06	182.15	0.34	22.5	5	182.15	49.33	2.61	0.49
22+46.82		23+95.98	TYPICAL - H	149.16																
			NORTH BOUND LANE		16		265.17	18	8	298.32	265.17	0.09	265.17	0.56	16	5	265.17	71.82	3.81	0.72
			SOUTH BOUND LANE		26		430.91	27	8	447.48	430.91	0.14	430.91	0.84	26	5	430.91	116.70	6.19	1.17
23+95.98		24+39.57	TRANSITION H - J	43.59																
			NORTH BOUND LANE		16		77.49	16	8	77.49	77.49	0.03	77.49	0.15	16	5	77.49	20.99	1.11	0.21
			SOUTH BOUND LANE		21		101.71	21	8	101.71	101.71	0.03	101.71	0.19	21	5	101.71	27.55	1.46	0.28
24+39.57		26+73.88	TYPICAL - J	234.31																
			NORTH BOUND LANE		16		416.55	18	8	468.62	416.55	0.14	416.55	0.88	16	5	416.55	112.82	5.98	1.13
			SOUTH BOUND LANE		16		416.55	18	8	468.62	416.55	0.14	416.55	0.88	16	5	416.55	112.82	5.98	1.13
26+73.88		27+17.47	TRANSITION J - K	43.59																
			NORTH BOUND LANE		21		101.71	21	8	101.71	101.71	0.03	101.71	0.19	21	5	101.71	27.55	1.46	0.28
			SOUTH BOUND LANE		16		77.49	16	8	77.49	77.49	0.03	77.49	0.15	16	5	77.49	20.99	1.11	0.21
27+17.47		28+33.02	TYPICAL - K	115.55																
			NORTH BOUND LANE		26		333.81	27	8	346.65	333.81	0.11	333.81	0.65	26	5	333.81	90.41	4.79	0.90
			SOUTH BOUND LANE		16		205.42	18	8	231.10	205.42	0.07	205.42	0.43	16	5	205.42	55.64	2.95	0.56
28+33.02		29+05.96	TRANSITION K - M	72.94																
			NORTH BOUND LANE		24.25		196.53	24.25	8	196.53	196.53	0.07	196.53	0.37	24.25	5	196.53	53.23	2.82	0.53
			SOUTH BOUND LANE		19.25		156.01	19.25	8	156.01	156.01	0.05	156.01	0.29	19.25	5	156.01	42.25	2.24	0.42
29+05.96		31+72.32	TYPICAL - M	266.36																
			NORTH BOUND LANE		22.5		665.90	23.5	8	695.50	665.90	0.22	665.90	1.30	22.5	5	665.90	180.35	9.56	1.80
			SOUTH BOUND LANE		22.5		665.90	23.5	8	695.50	665.90	0.22	665.90	1.30	22.5	5	665.90	180.35	9.56	1.80
31+72.32		32+24.84	TYPICAL - N	52.52																
			NORTH BOUND LANE		16		93.37	18	8	105.04	93.37	0.03	81.85	0.20	16	5	93.37	25.29	1.34	0.25
			SOUTH BOUND LANE		16		93.37	18	8	105.04	93.37	0.03	81.85	0.20	16	5	93.37	25.29	1.34	0.25
32+24.84		33+18.09	TYPICAL - P	93.25																
			NORTH BOUND LANE		22.5		233.13	23.5	8	243.49	165.78	0.06	233.13	0.46	16	5	165.78	44.90	2.38	0.45
			SOUTH BOUND LANE		22.5		233.13	23.5	8	243.49	165.78	0.06	233.13	0.46	16	5	165.78	44.90	2.38	0.45
33+18.09		33+49.10	TYPICAL - Q	31.01																
			NORTH BOUND LANE		16		55.13	18	8	62.02	130.93	0.04	55.13	0.12	38	5	130.93	35.46	1.88	0.35
			SOUTH BOUND LANE		16		55.13	18	8	62.02	55.13	0.02	55.13	0.12	16	5	55.13	14.93	0.79	0.15
33+49.10		34+28.63	TRANSITION Q - R	79.53																
			NORTH BOUND LANE		24		212.08	24	8	212.08	243.01	0.08	212.08	0.40	27.5	5	243.01	65.81	3.49	0.66
			SOUTH BOUND LANE		16		141.39	16	8	141.39	229.75	0.08	141.39	0.27	26	5	229.75	62.22	3.11	0.62
34+28.63		35+44.53	TYPICAL - R	115.90																
			NORTH BOUND LANE		30		386.33	31	8	399.21	489.36	0.16	386.33	0.75	38	5	489.36	132.53	7.02	1.33
			SOUTH BOUND LANE		16		206.04	17	8	218.92	206.04	0.07	206.04	0.41	16	5	206.04	55.80	2.96	0.56
35+44.53		37+62.66	TYPICAL - S	218.13																
			NORTH BOUND LANE		38		920.99	40	8	969.47	920.99	0.31	920.99	1.82	38	5	920.99	249.44	13.22	2.49
			SOUTH BOUND LANE		16		387.79	18	8	436.26	387.79	0.13	387.79	0.82	16	5	387.79	105.03	5.57	1.05
PROJECT TOTAL							12985.21			13464.33		4.33		25.25				3521.87	186.47	35.22
PROJECT USE							***12990***			***13470***		***5***		***30***				***3530***	*190*	*40*

*** FOR CONTRACTORS INFORMATION ONLY***

ESTIMATED SURFACING FACTORS						
ITEMS	**70-22 PG GRADED ASPHALT MTL. (% BY WEIGHT)*	** 402460 HYDRATED LIME (% BY WEIGHT)*	**SPEC 407 TACK COAT (GAL/SY)*	**SPEC 408 PRIME COAT (GAL/SY)*	**UNIT WEIGHT (LBS/CY)*	**UNIT VOLUME (GAL/TON)*
BASE COURSE					3800.00	
HMA SP-III	5.30	1.00			3900.00	
TACK COAT			0.080			240.00
PRIME COAT				0.45		240.00

***** FOR CONTRACTORS INFORMATION ONLY -***
ACTUAL WEIGHTS, PERCENTS AND APPLICATION RATES TO BE DETERMINED BY THE APPROVED MIX DESIGN AND PROJECT MANAGER

SCHEDULES AND TABLES SHOWN FOR CN S100460

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SHEET TITLE

SURFACING SCHEDULE

SHEET NO:

2-8

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_SS01.dwg

ESTIMATED DRAINAGE STRUCTURE QUANTITIES

STATION	NAME	STRUCTURE	DEPTH (FT)	ALIGNMENT	570437 24" STORM DRAIN CULVERT PIPE LF	623311 CURB DROP INLET TYPE I-B 0'-4' EA	623314 CURB DROP INLET TYPE IV-B 0'-4' EA	623331 CURB DROP INLET TYPE I-B, OVER 4' EA	623333 CURB DROP INLET TYPE III-B, OVER 4' EA
12+00	D1-01	BUILD (1) - CURB DROP INLET TYPE I-B AT 31.34' LT	5.23	GUADALUPE ST				1	
13+15	D1-02	BUILD (1) - CURB DROP INLET TYPE I-B AT 31.32' LT	5.14	GUADALUPE ST				1	
13+17	D1-03	BUILD (1) - CURB DROP INLET TYPE I-B AT 0.35' LT	4.70	GUADALUPE ST				1	
13+20	D1-04	BUILD (1) - CURB DROP INLET TYPE I-B AT 34.82' RT	3.74	GUADALUPE ST		1			
15+58	D1-05	BUILD (1) - CURB DROP INLET TYPE I-B AT 24.42' RT	3.83	GUADALUPE ST	23	1			
16+00	D1-06	BUILD (1) - CURB DROP INLET TYPE I-B AT 24.42' RT	2.63	GUADALUPE ST	4	1			
31+55	D1-07	BUILD (1) - CURB DROP INLET TYPE IV-B AT 24.42' RT	3.87	GUADALUPE ST	27		1		
32+36	D1-08	BUILD (1) - CURB DROP INLET TYPE IV-B AT 25.90' LT	3.80	GUADALUPE ST	24		1		
34+77	D1-09	BUILD (1) - CURB DROP INLET TYPE III-B AT 25.55' LT	4.50	GUADALUPE ST	20				1
PROJECT TOTAL					***98***	***3***	***2***	***3***	***1***
PROJECT USE					***120***	***3***	***2***	***3***	***1***

SCHEDULES AND TABLES SHOWN FOR CN S100460

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11/17/2022

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SHEET TITLE
ESTIMATED STRUCTURE QUANTITIES

SHEET NO:
2-9

12/8/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_STRQ01.dwg

EARTHWORK SUMMARY			
DESCRIPTION	ITEM NO. 203000 UNCLASSIFIED EXCAVATION	ITEM NO. 203100 BORROW	ITEM NO. 203200 UNSUITABLE MATERIAL EXCAVATION
	CY	CY	CY
GUADALUPE ST			
PHASE I	560		
PHASE II-A	160	125	125
PHASE II-B1	301		
PHASE II-B2	189		
PHASE II-C	492		
PHASE III-A	193	125	125
PHASE III-B1	250		
PHASE III-B2	178		
PHASE III-C	435		
PHASE IV	560		
PHASE V-A	8		
PHASE V-B	109		
PHASE V-D	9		
PHASE VI-A	398	250	250
PHASE VI-B	123		
PHASE VI-C	50		
PROJECT TOTAL	4,015	500	500
PROJECT USE	4,020	500	500
* FOR CONTRACTOR INFORMATION ONLY - REMOVAL OF EXISTING PAVEMENT PAID FOR UNDER BID ITEM 601110			

ITEM NO. 608404 - CONCRETE MEDIAN PAVEMENT - 4" COLORED & PATTERNED						
ID	Station	To	Station	LOC	AREA (SY)	REMARKS
US 54						
CM-1	14+66.75	-	18.04.96	CENTER	38	MEDIAN M1
CM-2	19+67.11	-	19+80.40	CENTER	3	MEDIAN M2
CM-3	22+45.34	-	24+13.38	CENTER	21	MEDIAN M3
CM-4	27+00.08	-	28+34.50	CENTER	38	MEDIAN M4
CM-5	33+98.36	-	34+28.65	CENTER	38	MEDIAN M5
CM-6	35+51.09	-	36+02.26	CENTER	38	MEDIAN M6
CM-7	38+04.46	-	38+55.73	CENTER	12	MEDIAN M7
TOTAL					188	

CONCRETE SIDEWALK 6" (COLORED) — ITEM NO. 608006

STATION	TO	STATION	LOCATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SY)	REMARKS
GUADALUPE STREET							
28+59.38	-	28+93.63	LT.	VARIES	6	22.91	Calculated
31+25.83	-	31+53.85	LT.	VARIES	6	18.88	Calculated
					PROJECT TOTAL	41.80	
					PROJECT USE	50	

NOTE: LENGTH MAY NOT MATCH STATIONING DUE TO CURVES AND TAPERS.

CONCRETE SIDEWALK 4" (COLORED) — ITEM NO. 608004

STATION	TO	STATION	LOCATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	REMARKS
GUADALUPE STREET							
10+03.72	-	10+09.80	LT.	VARIES	VARIES	5.24	Calculated
10+87.31	-	13+28.69	LT.	241.38	VARIES	219.66	Calculated
9+95.16	-	10+47.21	LT.	VARIES	VARIES	110.94	Calculated
14+41.47	-	15+62.68	LT.	121.21	6	132.84	Calculated
15+93.68	-	17+51.70	LT.	166.40	6	110.93	
17+90.76	-	18+44.27	LT.	72.68	14	40.46	Calculated
18+70.34	-	21+45.12	LT.	292.78	6	221.50	Calculated
23+38.12	-	23+75.91	LT.	37.79	6	25.19	
24+23.90	-	24+75.22	LT.	51.32	6	34.21	
25+42.63	-	25+72.83	LT.	30.20	6	20.56	Calculated
25+92.83	-	26+25.12	LT.	32.29	6	21.53	
26+85.12	-	27+22.12	LT.	37.00	6	24.67	
27+42.12	-	27+73.77	LT.	31.65	7	24.62	
27+89.77	-	28+58.90	LT.	VARIES	VARIES	48.36	Calculated
28+87.96	-	29+59.94	LT.	VARIES	VARIES	58.46	Calculated
29+91.94	-	30+12.83	LT.	20.89	6	13.93	
30+28.83	-	32+70.49	LT.	241.66	6	161.11	
33+24.21	-	33+67.42	LT.	43.21	VARIES	36.81	Calculated
34+05.24	-	34+86.29	LT.	81.05	6	54.03	
35+31.74	-	39+49.20	LT.	VARIES	VARIES	544.49	Calculated
38+94.10	-	39+30.84	LT.	VARIES	VARIES	29.79	Calculated
10+06.46	-	100+12.51	RT.	VARIES	VARIES	3.36	Calculated
12+43.39	-	13+33.17	RT.	VARIES	VARIES	89.34	Calculated
13+67.44	-	14+02.05	RT.	VARIES	VARIES	59.61	Calculated
14+50.60	-	18+00.31	RT.	VARIES	VARIES	317.56	Calculated
18+27.95	-	19+45.24	RT.	VARIES	VARIES	117.88	Calculated
19+81.24	-	19+98.34	RT.	17.10	6	11.40	
20+26.34	-	21+74.64	RT.	VARIES	VARIES	177.94	Calculated
22+22.50	-	23+17.89	RT.	VARIES	VARIES	68.89	Calculated
23+47.89	-	24+24.40	RT.	VARIES	VARIES	75.44	Calculated
25+08.74	-	25+23.63	RT.	VARIES	VARIES	42.50	Calculated
25+87.63	-	26+61.91	RT.	74.28	6	49.52	
27+30.91	-	28+50.55	RT.	VARIES	6	94.31	Calculated
28+77.44	-	30+31.48	RT.	VARIES	VARIES	141.24	Calculated
30+63.88	-	32+52.24	RT.	VARIES	VARIES	160.01	Calculated
32+73.61	-	36+75.87	RT.	VARIES	VARIES	309.81	Calculated
38+24.05	-	38+45.91	RT.	VARIES	VARIES	18.29	Calculated
38+93.50	-	39+16.73	RT.	23.23	VARIES	14.25	Calculated
					PROJECT TOTAL	3,685.45	
					PROJECT USE	3,690	

NOTE: LENGTH MAY NOT MATCH STATIONING DUE TO CURVES AND TAPERS.

ITEM NO. 601000- REMOVAL OF STRUCTURES & OBSTRUCTIONS						
STATION	TO	STATION	LOC	QUANTITY	STRUCTURE	REMARKS
GUADALUPE ST.				LF		
11+00.0		39+17.0	RT	2797.0	CURB & GUTTER	REMOVE AND DISPOSE
10+87.0		39+62.0	LT	3264.0	CURB & GUTTER	REMOVE AND DISPOSE
SUBTOTAL				6061.0		
				SY		
12+42.0		39+17.0	RT	1523.8	CONCRETE SIDEWALK	REMOVE AND DISPOSE
10+87.0		39+36.0	LT	1672.3	CONCRETE SIDEWALK	REMOVE AND DISPOSE
SUBTOTAL				3196.1		
				EACH		
19+51.0		28+32.0	RT	7	DRIVEPADS	REMOVE AND DISPOSE
17+59.0		34+01.0	LT	12	DRIVEPADS	REMOVE AND DISPOSE
SUBTOTAL				19		
				LF		
10+14		10+74		60	MEDIAN CURB	REMOVE AND DISPOSE
11+44		12+16		144	MEDIAN CURB	REMOVE AND DISPOSE
12+99		13+31		64	MEDIAN CURB	REMOVE AND DISPOSE
14+67		15+64		194	MEDIAN CURB	REMOVE AND DISPOSE
16+20		17+94		174	MEDIAN CURB	REMOVE AND DISPOSE
18+66		21+53		287	MEDIAN CURB	REMOVE AND DISPOSE
22+54		24+26		172	MEDIAN CURB	REMOVE AND DISPOSE
24+93		28+47		354	MEDIAN CURB	REMOVE AND DISPOSE
29+19		29+96		77	MEDIAN CURB	REMOVE AND DISPOSE
35+26		37+53		227	MEDIAN CURB	REMOVE AND DISPOSE
SUBTOTAL				1753		
PROJECT USE				LS		

DRIVE PAD 6" — ITEM NO. 608106

DRIVE PAD 6"	STATION	LOCATION	LENGTH (FT.)	WIDTH (FT.)	AREA (SQ. YD.)	REMARKS
DW-02	19+63.24	RT.	10.00	36.0	40.00	BUILD NEW DRIVE PAD
DW-03	20+12.34	RT.	10.00	28.0	31.11	BUILD NEW DRIVE PAD
DW-04	22+41.89	LT.	8.00	193.0	171.56	BUILD NEW DRIVE PAD
DW-04A	22+42.68	RT.	8.00	17.6	15.64	BUILD NEW DRIVE PAD
DW-05	23+32.89	RT.	8.00	30.0	26.67	BUILD NEW DRIVE PAD
DW-06	23+99.90	LT.	8.00	48.0	42.67	BUILD NEW DRIVE PAD
DW-07	25+02.22	LT.	8.00	60.4	53.70	BUILD NEW DRIVE PAD
DW-08	25+49.64	RT.	8.00	64.0	56.89	BUILD NEW DRIVE PAD
DW-09	25+88.53	LT.	VARIES	32.0	36.47	CALCULATED
DW-10	26+60.83	LT.	VARIES	72.0	99.80	CALCULATED
DW-11	26+96.41	RT.	8.00	69.0	61.33	BUILD NEW DRIVE PAD
DW-12	27+32.12	LT.	VARIES	32.0	36.86	CALCULATED
DW-13	27+81.77	LT.	VARIES	28.0	30.32	CALCULATED
DW-14	29+75.94	LT.	VARIES	44.0	70.20	CALCULATED
DW-15	30+20.83	LT.	VARIES	28.0	44.66	CALCULATED
DW-16	32+97.22	LT.	VARIES	66.4	131.25	CALCULATED
DW-17	33+84.04	LT.	VARIES	43.9	59.45	CALCULATED
DW-18	30+29.53	LT.	8.00	45.4	40.40	BUILD NEW DRIVE PAD
				PROJECT TOTAL	1,048.97	
				PROJECT USE	1,050	

SCHEDULES AND TABLES SHOWN FOR CN S100460

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
16009
REGISTERED PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO: 1760008500
NMDOT PROJECT NO: S100460 & LP50008
DESIGNED BY: TJA
DRAWN BY: JEM
CHECKED BY: TJA
DATE: JUL 2022

SHEET TITLE
MISCELLANEOUS QUANTITIES

SHEET NO:
2-10

12/8/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_MQ01.dwg

CONCRETE VERTICAL CURB AND GUTTER TYPE B 6" X 12" — ITEM NO. 609412

MEDIAN NO.	STATION	TO	STATION	LOCATION	LIN. FT.	REMARKS
GUADALUPE STREET						
MD-1	9+15.79	-	10+20.43	LT.	104.64	
MD-2	9+57.90	-	12+17.33	RT.	259.43	
MD-3	10+42.60	-	12+16.31	RT.,LT.	173.71	
MD-4	12+98.91	-	13+30.91	RT.,LT.	32.00	
MD-5	13+07.56	-	13+30.49	LT.	22.93	
MD-6	14+66.75	-	18+04.96	RT.,LT.	676.42	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
MD-7	19+58.89	-	21+79.42	RT.,CL.	441.06	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
MD-8	22+45.34	-	28+34.52	RT.,LT.	1178.36	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
MD-9	31+72.32	-	32+31.32	CL.	118.00	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
MD-10	33+18.09	-	37+67.24	LT.	898.30	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
			PROJECT TOTAL		3,904.85	
			PROJECT USE		*3,910*	

NOTE: LENGTH MAY NOT MATCH STATIONING DUE TO CURVES AND TAPERS.

CONCRETE VALLEY GUTTER 6" X 48" — ITEM NO. 609648

VG NO.	STATION	TO	STATION	LOCATION	LIN. FT.	REMARKS
GUADALUPE STREET						
VG-1	13+79.18	-	14+68.25	LT.	89.07	BUILD NEW VALLEY GUTTER
VG-2	13+67.42	-	14+74.44	RT.	107.02	BUILD NEW VALLEY GUTTER
VG-3	15+36.03	-	16+21.33	LT.	85.30	BUILD NEW VALLEY GUTTER
VG-4	17+85.21	-	18+51.79	RT.	66.58	BUILD NEW VALLEY GUTTER
VG-5	18+11.42	-	18+88.75	LT.	77.33	BUILD NEW VALLEY GUTTER
VG-6	21+58.64	-	22+46.73	RT.	88.09	BUILD NEW VALLEY GUTTER
VG-7	24+10.09	-	24+99.63	RT.	89.54	BUILD NEW VALLEY GUTTER
VG-8	28+25.68	-	29+02.48	RT.	76.80	BUILD NEW VALLEY GUTTER
VG-9	28+42.39	-	29+13.90	LT.	71.51	BUILD NEW VALLEY GUTTER
VG-10	30+06.63	-	30+88.88	RT.	82.25	BUILD NEW VALLEY GUTTER
VG-11	30+96.19	-	31+78.82	LT.	82.63	BUILD NEW VALLEY GUTTER
VG-12	32+25.80	-	32+94.40	RT.	68.60	BUILD NEW VALLEY GUTTER
				PROJECT TOTAL	984.72	
				PROJECT USE	*1,000*	

NOTE: SEE VALLEY GUTTER DETAIL E1, SHEET 2-8 FOR MEASUREMENT NOTE.

CONCRETE VERTICAL CURB AND GUTTER TYPE B 6" x 16" — ITEM NO. 609416

MEDIAN NO.	STATION	TO	STATION	LIN. FT.	REMARKS
GUADALUPE STREET					
MD-11	18+77.88	-	19+58.89	81.01	
			PROJECT TOTAL	81.01	
			PROJECT USE	*85*	

CONRETE VERTICAL CURB & GUTTER TYPE B 6" x 30" — ITEM NO. 609430

C&G NO.	STATION	TO	STATION	LIN. FT.	REMARKS
GUADALUPE STREET					
CG-58	38+93.50	-	39+16.73	23.23	
			PROJECT TOTAL	23.23	
			PROJECT USE	*30*	

NOTE: LENGTH MAY NOT MATCH STATIONING DUE TO CURVES AND TAPERS.

CONCRETE LAYDOWN CURB 8" — ITEM NO. 609708

C&G NO.	STATION	TO	STATION	LIN. FT.	REMARKS
GUADALUPE STREET					
CG-56	31+28.49	-	31+47.68	29.61	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
			PROJECT TOTAL	29.61	
			PROJECT USE	*30*	

NOTE: LENGTH MAY NOT MATCH STATIONING DUE TO CURVES AND TAPERS.

CONCRETE VERTICAL CURB AND GUTTER TYPE-B 6"x24" — ITEM NO. 609424

C & G NO.	STATION	TO	STATION	LOCATION	LIN. FT.	REMARKS
GUADALUPE STREET						
CG-1	10+87.26	-	13+28.91	LT.	241.65	
CG-2	13+81.83	-	14+04.47	LT.	141.68	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-3	14+43.30	-	14+41.47	LT.	28.17	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-4	14+68.26	-	15+36.03	LT.	67.77	
CG-5	15+81.27	-	15+88.65	LT.	40.22	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-6	16+21.33	-	18+11.42	LT.	190.09	
CG-7	18+37.36	-	18+44.27	LT.	20.22	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-8	18+68.89	-	18+70.34	LT.	4.21	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-9	18+88.72	-	21+45.09	LT.	256.37	
CG-10	23+38.12	-	23+75.91	LT.	37.79	
CG-11	24+23.90	-	24+75.22	LT.	51.32	
CG-12	25+35.63	-	25+66.83	LT.	31.20	
CG-13	25+98.83	-	26+19.12	LT.	20.29	
CG-14	26+91.12	-	27+16.12	LT.	25.00	
CG-15	27+48.12	-	27+67.77	LT.	19.65	
CG-16	27+95.77	-	28+42.39	LT.	46.62	
CG-17	28+56.99	-	28+59.38	LT.	9.60	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-18	28+70.17	-	28+95.04	LT.	37.88	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-19	29+13.90	-	29+53.94	LT.	40.04	
CG-20	29+97.94	-	30+06.83	LT.	8.89	
CG-21	30+34.83	-	30+96.19	LT.	61.36	
CG-22	31+15.23	-	31+28.49	LT.	50.07	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-23	31+28.49	-	31+47.68	LT.	29.62	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-24	31+53.84	-	31+59.71	LT.	14.09	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-25	31+78.82	-	32+64.14	LT.	85.32	
CG-26	33+30.58	-	33+61.35	LT.	30.77	
CG-27	34+05.24	-	34+86.34	LT.	81.10	
CG-28	35+31.72	-	39+49.20	LT.	574.82	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-29	39+17.19	-	39+51.66	LT.	60.32	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-30	11+01.16	-	13+33.18	RT.	232.02	
CG-31	14+49.49	-	14+50.60	RT.	17.09	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-32	14+74.44	-	17+85.21	RT.	310.77	
CG-33	18+07.57	-	18+08.29	RT.	15.85	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-34	18+27.57	-	18+28.75	RT.	12.61	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-35	18+51.79	-	19+45.24	RT.	93.45	
CG-36	19+81.24	-	19+98.34	RT.	17.10	
CG-37	20+26.34	-	21+58.64	RT.	132.30	
CG-38	21+74.64	-	21+79.51	RT.	15.62	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-39	22+18.90	-	22+29.21	RT.	19.72	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-40	22+46.78	-	23+17.89	RT.	71.11	
CG-41	23+47.89	-	24+10.09	RT.	62.20	
CG-42	24+24.40	-	24+28.08	RT.	12.06	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-43	24+91.92	-	25+08.74	RT.	26.49	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-44	24+99.99	-	25+23.63	RT.	23.64	
CG-45	25+87.63	-	26+61.85	RT.	74.22	
CG-46	27+30.91	-	28+25.68	RT.	94.77	
CG-47	28+50.44	-	28+50.68	RT.	18.68	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-48	28+77.38	-	28+77.48	RT.	12.21	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-49	29+02.48	-	30+06.63	RT.	104.15	
CG-50	30+88.88	-	32+25.75	RT.	136.87	
CG-51	32+49.11	-	32+52.24	RT.	21.77	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-52	32+72.22	-	32+73.61	RT.	13.65	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-53	32+90.21	-	36+78.78	RT.	388.57	
CG-54	32+94.37	-	36+78.78	RT.	384.41	
CG-55	36+75.92	-	36+78.78	RT.	2.86	
CG-56	38+04.27	-	38+52.85	RT.	68.21	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
CG-57	38+87.42	-	39+11.83	RT.	26.91	LENGTH ON CURVE DOES NOT MEET STA. TO STA. LENGTH
				PROJECT TOTAL	4,715.43	
				PROJECT USE	*4,725*	

NOTE: LENGTH MAY NOT MATCH STATIONING DUE TO CURVES AND TAPERS.

SCHEDULES AND TABLES SHOWN FOR CN S100460

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
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CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
MISCELLANEOUS QUANTITIES

SHEET NO:
2-11

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_MQ01.dwg

REMOVE & RELOCATE FIRE HYDRANT			ITEM NO. 663110
STATION	*LOCATION*	*OFFSET*	*EACH*
16+10.69	Guadalupe St	33.25' RT	1
PROJECT TOTAL			1
PROJECT USE			1

CONSTRUCTION ENGINEERING AND LUMP SUM ITEMS			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
201000	CLEARING AND GRUBBING	LS	1
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1
603281	SWPPP PLAN PREPARATION AND MAINTENANCE	LS	1
617000	VIBRATION MONITORING	LS	1
617003	VIDEO RECORDING	LS	1
617004	VIBRATION RISK SURVEY	LS	1
618000	TRAFFIC CONTROL MANAGEMENT	LS	1
618011	PUBLIC AWARENESS	LS	1
621000	MOBILIZATION	LS	1
663000	UTILITY ALLOWANCE	ALOW	1
663049	PRECONSTRUCTION UTILITY SURVEY	LS	1
801000	CONSTRUCTION STAKING BY CONTRACTOR	LS	1
802000	POST CONSTRUCTION PLANS	LS	1

REMOVAL OF SURFACING	*ITEM NO. 601110*
DESCRIPTION	*SY*
GUADALUPE ST	
PHASE I	3045
PHASE II-A	956
PHASE II-B1	1641
PHASE II-B2	1031
PHASE II-C	2607
PHASE III-A	1056
PHASE III-B1	1366
PHASE III-B2	968
PHASE III-C	2360
PHASE V-A	43
PHASE V-B	591
PHASE V-D	51
PHASE VI-A	2236
PHASE VI-B	666
PHASE VI-C	270
PROJECT TOTAL	18886
PROJECT USE	**18890**

MANHOLE ADJUSTMENT			ITEM NO. 662400
STATION	*LOCATION*	*OFFSET*	*EACH*
10+35.95	Guadalupe St	13.75' RT	1
10+80.48	Guadalupe St	22.20' LT	1
14+16.19	Alameda St	49.79' RT	1
14+85.50	Guadalupe St	40.72' RT	1
15+65.64	Water St	36.39' LT	1
16+69.69	Guadalupe St	16.83' LT	1
18+25.36	St. Francisco St	27.93' RT	1
18+40.53	Guadalupe St	17.53' RT	1
18+49.86	Guadalupe St	12.67' RT	1
19+90.35	Guadalupe St	1.65' RT	1
21+76.73	Guadalupe St	12.67' RT	1
21+81.28	Guadalupe St	10.45' RT	1
22+18.38	Johnson St	47.10' RT	1
24+07.48	Guadalupe St	4.49' RT	1
24+54.40	McKenzie St	30.62' RT	1
25+13.81	Guadalupe St	11.32' LT	1
28+34.21	Guadalupe St	24.05' LT	1
39+15.00	Guadalupe St	66.37' LT	1
PROJECT TOTAL			18
PROJECT USE			18

ADJUST VALVE BOX TO GRADE			*ITEM NO. 663855*
STATION	LOCATION	OFFSET	EACH
10+67.76	Guadalupe St	19.00' LT	4
14+01.59	Alameda St	34.14' LT	1
15+68.77	Guadalupe St	22.80' RT	1
16+46.94	Guadalupe St	18.76' RT	1
18+11.73	San Francisco St	43.03' RT	1
18+22.67	Guadalupe St	13.61' RT	1
18+61.79	Guadalupe St	8.82' RT	1
19+77.36	Guadalupe St	2.50' RT	1
21+86.10	Johnson St	53.00' RT	2
21+97.60	Guadalupe St	17.75' RT	1
24+33.08	Guadalupe St	16.42' LT	1
25+23.63	Guadalupe St	3.36' LT	1
25+47.43	Guadalupe St	17.40' LT	1
28+76.95	Park Ave	29.63' LT	1
28+82.35	Park Ave	37.95' LT	1
31+39.20	Jose St	30.81' LT	1
32+53.00	Guadalupe St	30.48' LT	1
33+34.23	Guadalupe St	31.73' LT	1
33+57.79	Guadalupe St	26.05' LT	2
39+13.59	Guadalupe St	50.00' LT	1
39+16.96	Guadalupe St	59.56' LT	1
PROJECT TOTAL			26
PROJECT USE			26

ADJUST WATER METER TO GRADE			*ITEM NO. 663865*
STATION	LOCATION	OFFSET	EACH
18+35.27	San Francisco St	43.38' RT	1
19+35.69	Guadalupe St	26.82' LT	1
19+37.92	Guadalupe St	27.54' RT	1
20+49.22	Guadalupe St	27.70' RT	1
20+91.23	Guadalupe St	27.04' LT	1
21+67.58	Guadalupe St	29.41' LT	1
21+79.90	Guadalupe St	29.31' LT	1
22+32.70	Guadalupe St	29.50' LT	1
22+54.95	Guadalupe St	29.59' LT	1
22+81.30	Guadalupe St	26.17' RT	1
24+36.23	Guadalupe St	30.49' LT	1
25+82.06	Guadalupe St	29.68' LT	1
25+87.60	Guadalupe St	26.50' RT	1
26+46.68	Guadalupe St	26.68' RT	1
26+64.97	Guadalupe St	29.22' LT	1
26+96.71	Guadalupe St	29.80' RT	1
27+16.21	Guadalupe St	29.54' LT	1
27+62.84	Guadalupe St	28.48' LT	1
27+74.35	Guadalupe St	26.65' RT	1
28+83.01	Park Ave	51.73' RT	1
30+80.74	Guadalupe St	35.19' RT	1
32+17.25	Guadalupe St	39.90' RT	1
33+26.60	Guadalupe St	35.72' LT	1
33+29.15	Guadalupe St	26.02' RT	1
33+49.00	Guadalupe St	32.83' LT	1
PROJECT TOTAL			25
PROJECT USE			25

SCHEDULES AND TABLES SHOWN FOR CN S100460

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
11/17/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
MISCELLANEOUS QUANTITIES

SHEET NO:
2-12

12/8/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_MQ01.dwg

GENERAL SHEET NOTES

1. PROJECT ENGINEER SHALL BE IMMEDIATELY NOTIFIED IF CONFLICTS WITH PROTECTED AREAS ARE IDENTIFIED.
2. PROPOSED DESIGN FADED BACK FOR REFERENCE.

LEGEND - EXISTING

- POWER POLE
- GAS METER
- LIGHT POLE
- GAS VALVE
- SIGNAL LIGHT
- SIGNAL POLE
- TRAFFIC PULLBOX
- SIGN - SINGLE POST
- SIGN - MULTI POST
- SEWER CLEANOUT
- MANHOLE - SEWER
- INLET
- TELEPHONE PEDESTAL
- TELEPHONE VAULT
- TELEPHONE MANHOLE
- JUNCTION BOX - UNKNOWN
- METER - UNKNOWN
- METER - ELECTRIC
- DEAD MAN - GUY WIRE
- PULLBOX - ELECTRIC
- ELECTRIC PEDESTAL
- TRANSFORMER
- JUNCTION BOX - ELECTRIC
- VAULT - ELECTRIC
- YARD LIGHT
- SPRINKLER CONTROL BOX
- WATER VAULT
- WATER FAUCET
- FIRE HYDRANT
- WATER METER
- WATER VALVE
- MISCELLANEOUS FEATURE
- PARKING METER
- GATE
- EXTERIOR LIGHT
- TREE
- BUSH
- MANHOLE - UNKNOWN
- FENCE
- CURB
- LANE STRIPE
- TREE LINE
- WALL
- SANITARY SEWER

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PROFESSIONAL ENGINEER
07/29/2022

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SHEET TITLE

DEMOLITION - PRESERVATION PLAN LEGEND

SHEET NO:

2-13

7/28/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_DP01.dwg

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KEYNOTES

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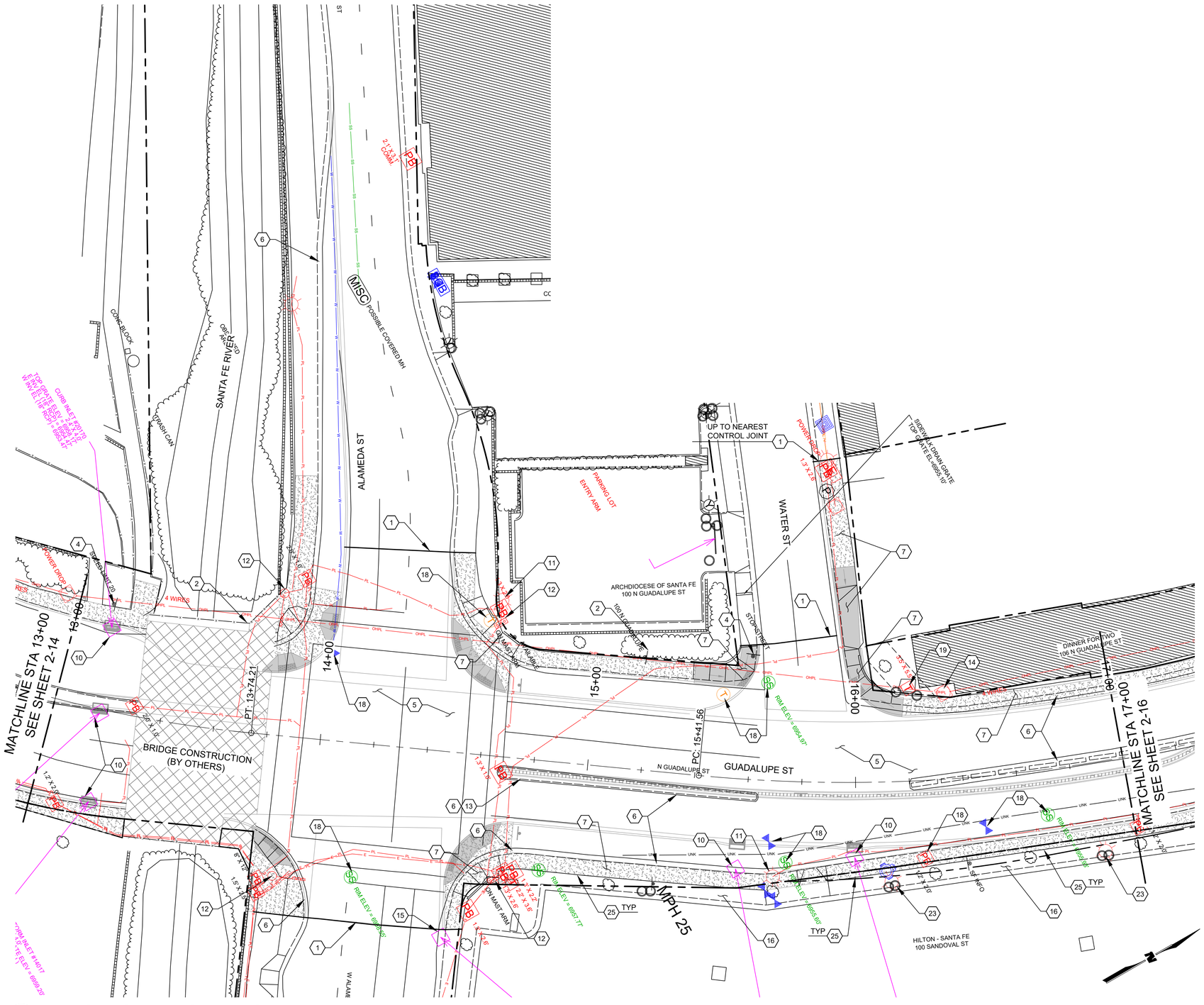
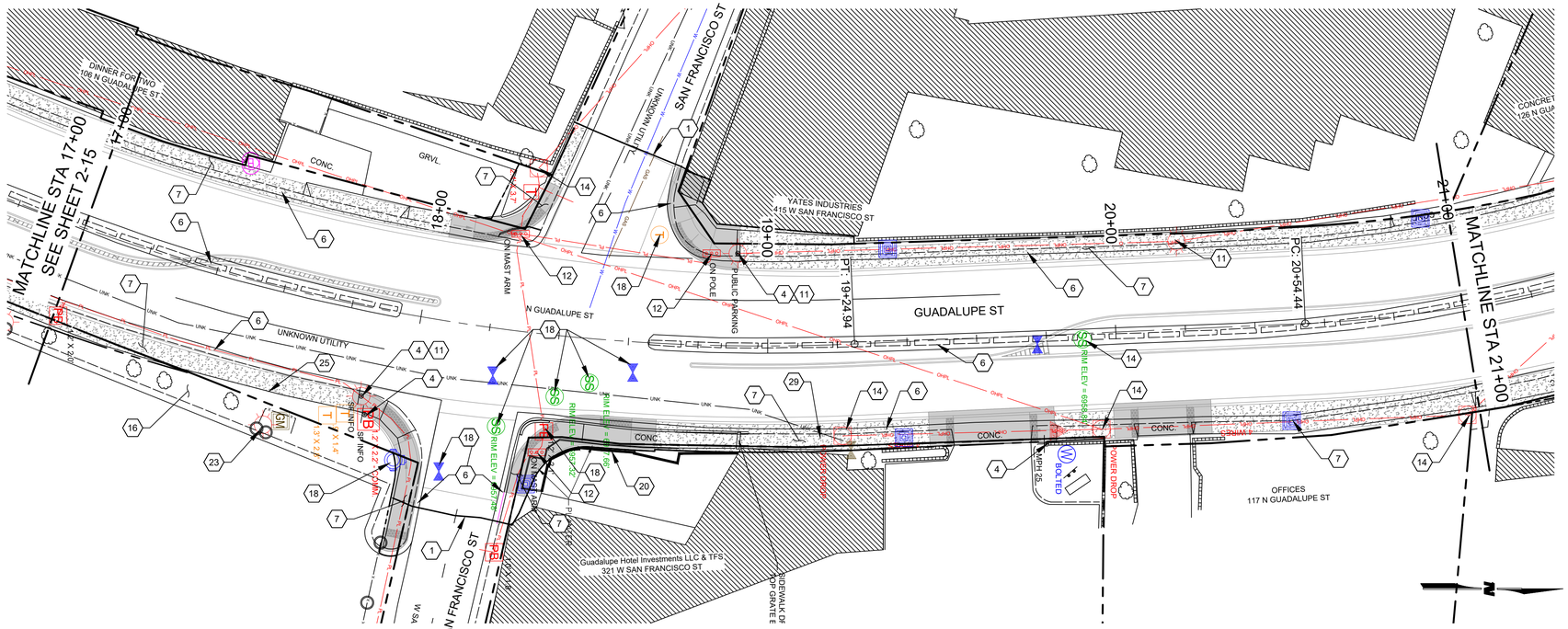
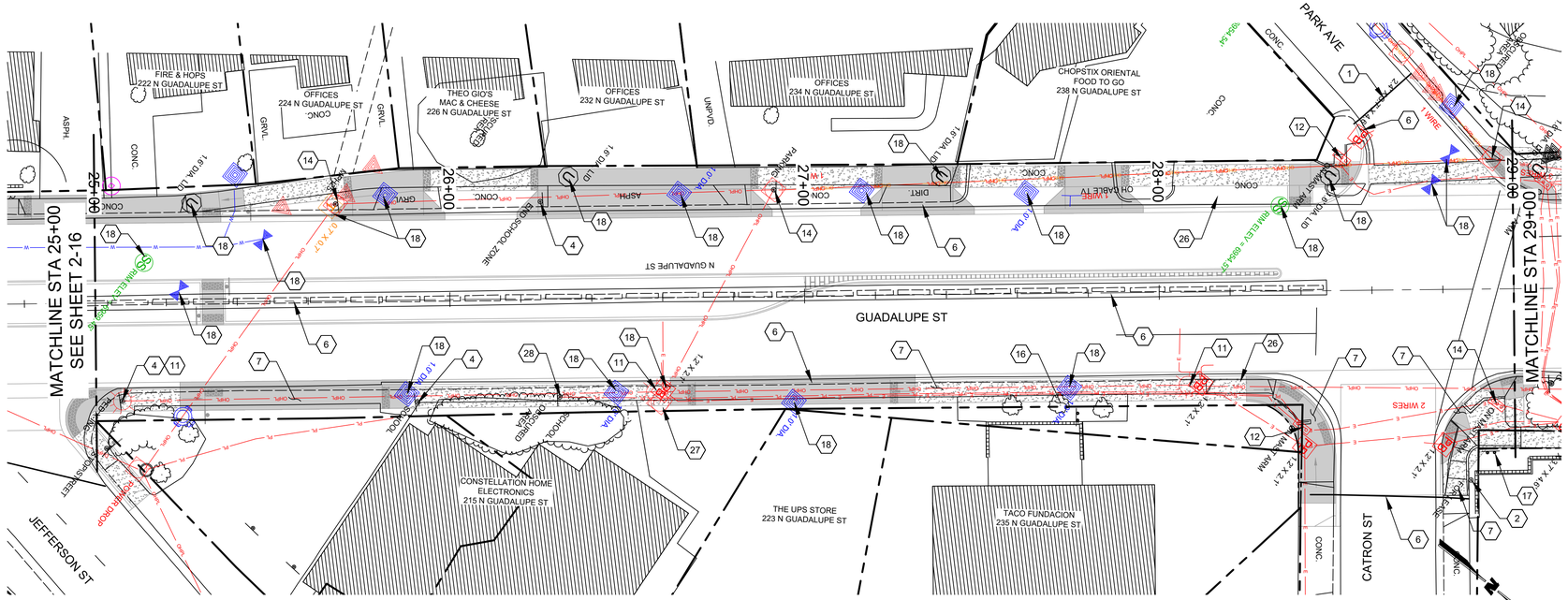
ARCHDIOCESE OF SANTA FE
314 S GUADALUPE ST
AGUA FRIA ST
PROCESSIONARY WAY
OVER 5 TON
ARCHDIOCESE OF SANTA FE
417 AGUA FRIA ST
RIGHT TURN
10+00
11+00
12+00
13+00
MATCHLINE STA 13+00
SEE SHEET 2-15
8+76.58
9+00
4 WIRES
3 WIRES
POWER DROP
SPEED LIMIT 20
ACCESS
ONE WAY
PIM ELEV = 6992.45'
PIM ELEV = 6993.02'
NEW MEXICO JOB CORPS
301 W DE VARGAS ST
W DE VARGAS ST
CONC
ASPHALT
STOP
SCHOOL SPEED LIMIT SIGN
STEEL LIMIT
ADJUST TO GRADE
4" STEEL
2'-0" X 1'-0"
3'-0" X 1'-0"
1'-6" X 1'-6"
1'-6" X 2'-0"
ACCESS RAMP
ACCESS RAMP
ACCESS RAMP

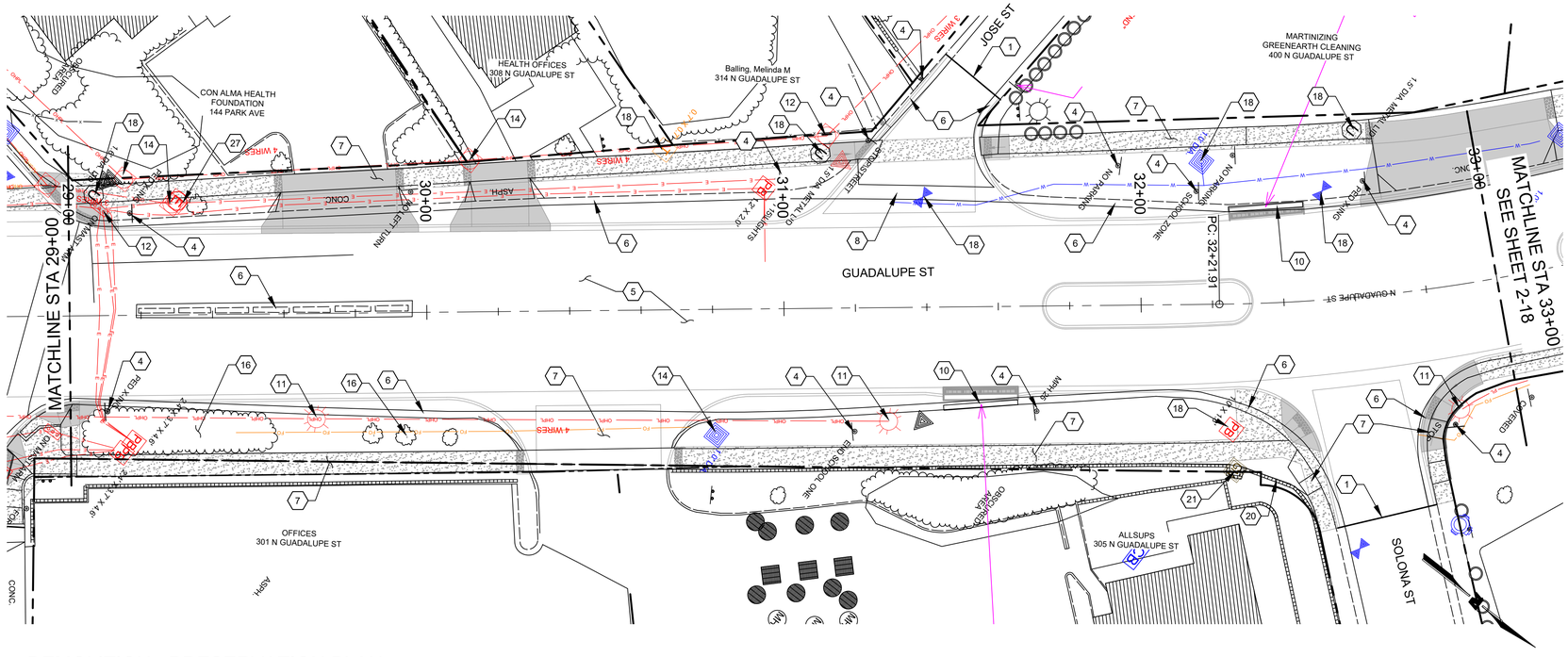

SANTA FE RIVER
ALAMEDA ST
WATER ST.
GUADALUPE ST
N GUADALUPE ST
MATCHLINE STA 13+00
SEE SHEET 2-14
MATCHLINE STA 17+00
SEE SHEET 2-16
BRIDGE CONSTRUCTION
(BY OTHERS)
POSSIBLE COVERED MH
CONC BLOCK
CRASH CAN
4 WIRES
UP TO NEAREST
CONTROL JOINT
PARKING LOT
ENTRY ARM
ARCHDIOCESE OF SANTA FE
100 N GUADALUPE ST
DINNER FOR TWO
106 N GUADALUPE ST
HILTON - SANTA FE
100 SANDOVAL ST
SIDEWALK DRAIN RATE
TOP GRATE EL=6855.10
POWER DROP
SPEED LIMIT 25
MPH 25
TYP
PC: 15+41.56
PT: 13+74.21
13+00
14+00
15+00
16+00
17+00
RIM ELEV = 6864.97'
RIM ELEV = 6867.77'
RIM ELEV = 6866.45'
RIM ELEV = 6865.60'
RIM ELEV = 6866.20'
*RIM INLET = 6867.17
*TOP GRATE ELEV = 6868.47
*INVERT IN = 6858.47
*RIM INLET = 6867.17
*TOP GRATE ELEV = 6868.47
*INVERT IN = 6858.47
*RIM INLET = 6867.17
*TOP GRATE ELEV = 6868.20'
CURB INLET RIM=6870
2 INVERT IN = 6858.47
2 INVERT OUT = 6858.47
1 INVERT IN = 6858.47
1 INVERT OUT = 6858.47
2 1/4 X 3 COMM
1.9" X 1.9"
1.5" X 2.6"
1.5" X 2.2"
1.5" X 3.6"
1.5" X 2.0"
1.2" X 2.0"
8" X 20"
30" X 16"
55" X 4.5"
1.5" X 2.6"
1.5" X 2.2"
1.5" X 3.6"
1.5" X 2.6"
1.5" X 2.6"
1.5" X 2


MATCHLINE STA 17+00
SEE SHEET 2-15
17+00
18+00
19+00
20+00
21+00
MATCHLINE STA 21+00
PT: 19+24.94
PC: 20+54.44
GUADALUPE ST
N GUADALUPE ST
SAN FRANCISCO ST
DINNER FOR TWO
106 N GUADALUPE ST
YATES INDUSTRIES
115 W SAN FRANCISCO ST
OFFICES
117 N GUADALUPE ST
Guadalupe Hotel Investments LLC & TFS
321 W SAN FRANCISCO ST
UNKNOWN UTILITY
CONC.
GRVL
ASPH.
ON MAST ARM
ON POLE
PUBLIC PARKING
RIM ELEV = 6895.97
RIM ELEV = 6895.38
RIM ELEV = 6895.28
RIM ELEV = 6895.27
POWER DROP
MPH 35
DOCTED
SIDEWALK DIP GRATE E
Overhead Service
SIGN INFO
SIGN INFO
SIGN INFO



E1 DEMOLITION - PRESERVATION PLAN

SCALE: 1" = 20'



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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

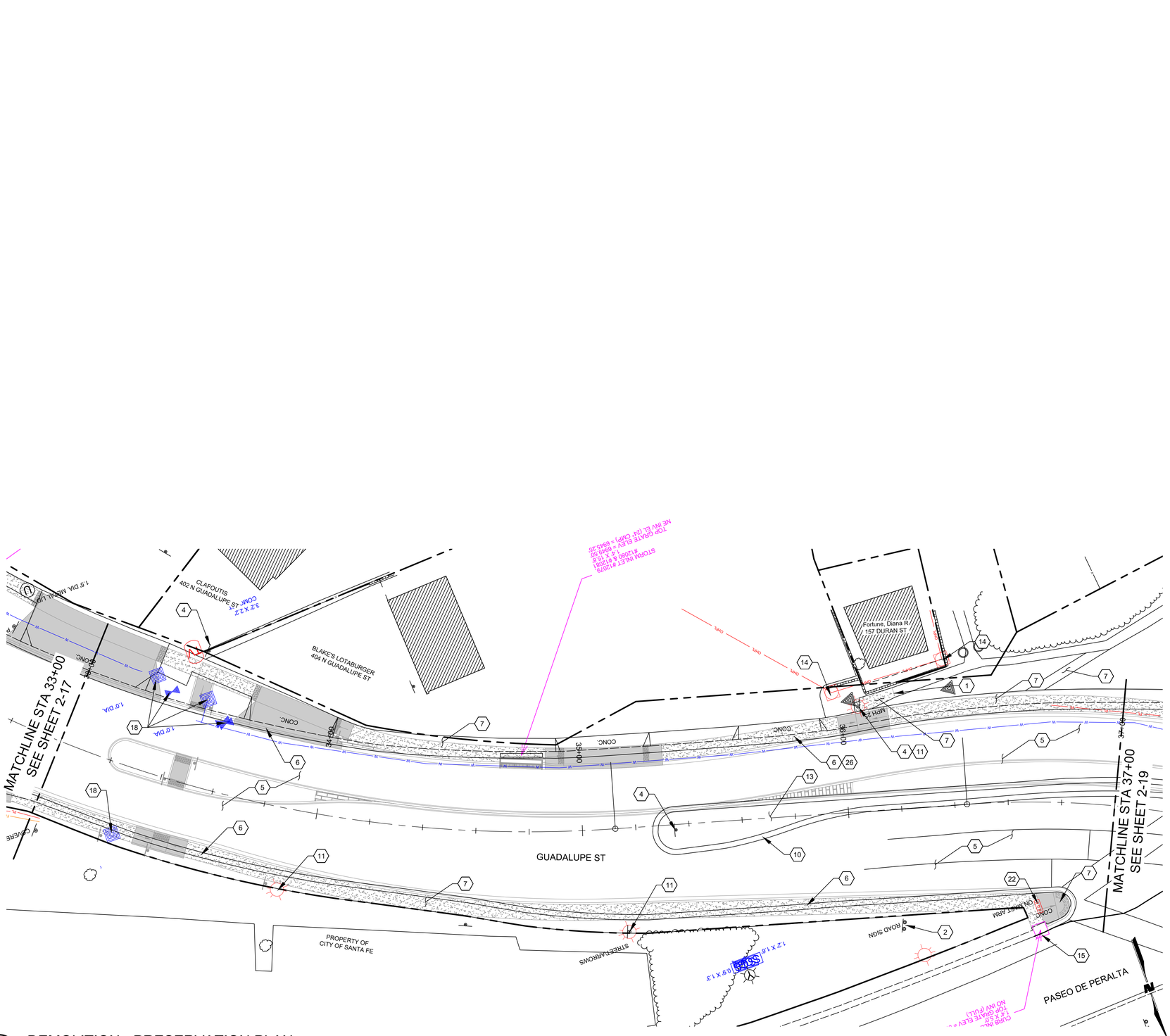
SHEET TITLE

DEMOLITION - PRESERVATION PLAN

SHEET NO:

2-17

7/28/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_DP01.dwg



A1 DEMOLITION - PRESERVATION PLAN

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
16243
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

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RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

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CHECKED BY:	TJA
DATE:	JUL 2022

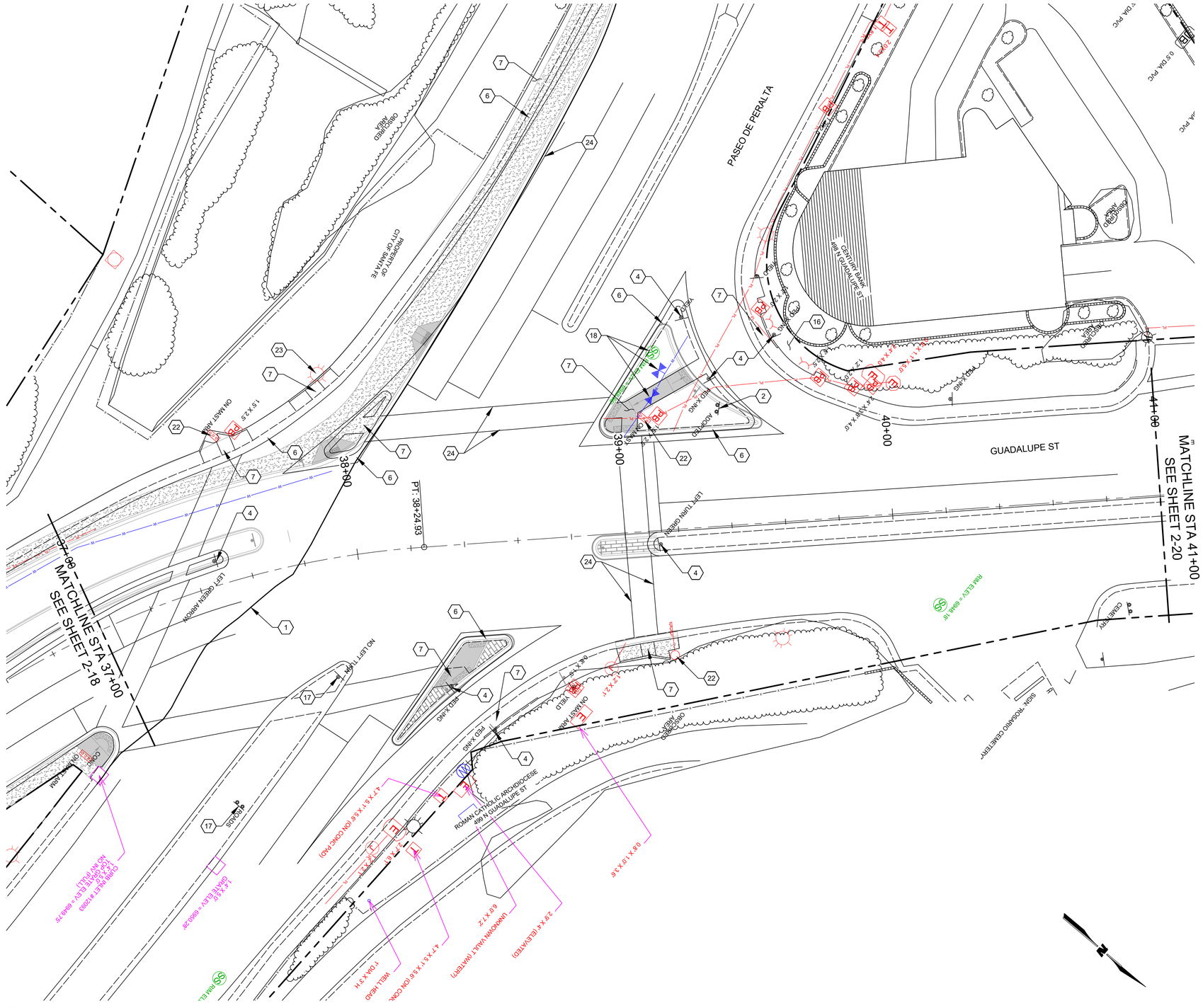
SHEET TITLE

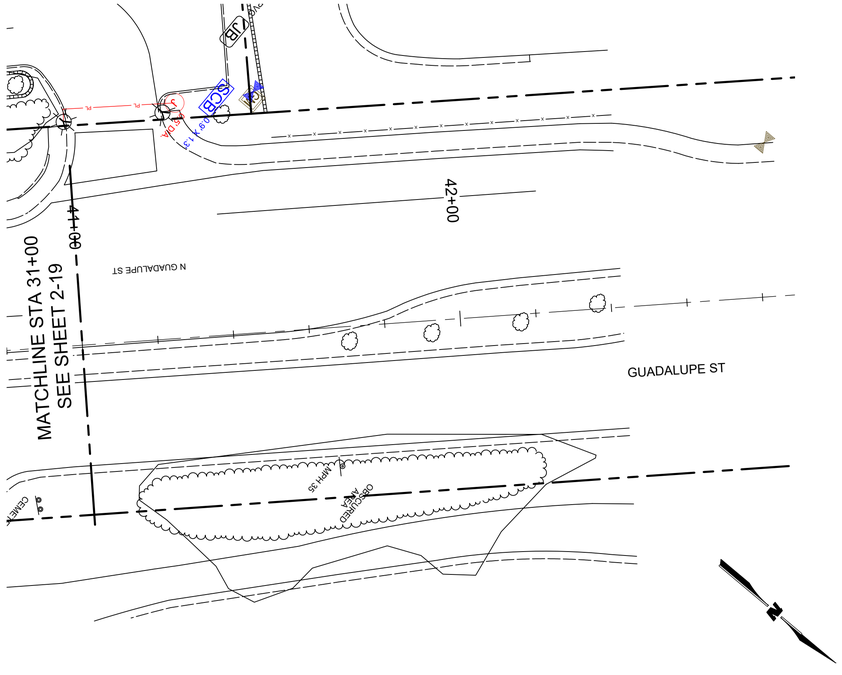
DEMOLITION - PRESERVATION PLAN

SHEET NO:

2-18

8/18/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_DP01.dwg


PASEO DE PERALTA
GUADALUPE ST
CENTURY BANK 449 N GUADALUPE ST
ROMAN CATHOLIC ARCHDIOCESE 499 N GUADALUPE ST
PROPERTY OF CITY OF SANTA FE
OBSCURED AREA
37+00
MATCHLINE STA 37+00 SEE SHEET 2-18
38+00
39+00
40+00
41+00
MATCHLINE STA 41+00 SEE SHEET 2-20
PT: 38+24.93
LEFT CREEK ARROYO
LEFT TURN GUIDE
NO LEFT TURN
ON MAST ARM
SIGNAL
SIGN
CEMETERY
SIGN "ROSARIO CEMETERY"
PNM ELEC. = 6946.18'
CONC. PAD
ADOBE
RED X-ING
WHITE X-ING
YELLOW X-ING
CROSSWALK
4.0' X 3.8' X 6.8' (ON CONC PAD)
1.5' X 2.5' (ON MAST ARM)
1.5' X 2.5' (ON MAST ARM)
1.5' X 2.5' (ON MAST ARM



A3 DEMOLITION - PRESERVATION PLAN

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
REGISTERED
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

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CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

DEMOLITION - PRESERVATION PLAN

SHEET NO:

2-20

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_DP01.dwg

STORM WATER POLLUTION PREVENTION PLAN INFORMATION

NOI INPUTS

NMDOT PROJECTS REQUIRE ELECTRONIC NOI SUBMISSION - PAPER SUBMISSION REQUIRES PRIOR APPROVAL.	
PERMIT NUMBER: NMR100000 STATE OF NEW MEXICO, EXCEPT INDIAN COUNTRY NMR101000 INDIAN COUNTRY WITHIN THE STATE OF NEW MEXICO, EXCEPT NAVAJO RESERVATION LANDS THAT ARE COVERED UNDER ARIZONA PERMIT AZ100001 AND UTE MOUNTAIN RESERVATION LANDS THAT ARE COVERED UNDER COLORADO PERMIT COR100001.	
OPERATOR NAME: CITY OF SANTA FE	
POINT OF CONTACT: CITY PROJECT MANAGER	
NOI PREPARED BY: CITY PROJECT MANAGER	
PROJECT / SITE NAME: NMDOT CONTROL NUMBER (CN) S100460 (UNIT I) & L50008 (UNIT II)	
PROJECT / SITE ADDRESS: GUADALUPE ST: AGUA FRIA ST TO PASEO DE PERALTA	
LATITUDE (XX.XXXX° N):	35.6897° N
LONGITUDE (XXX.XXXX° W):	105.9439° W
ESTIMATED PROJECT START DATE (MM/DD/YYYY):	TO BE DETERMINED BY CITY PROJECT MANAGER
ESTIMATED PROJECT COMPLETION DATE (MM/DD/YYYY):	TO BE DETERMINED BY CITY PROJECT MANAGER
ESTIMATED AREA TO BE DISTURBED (Nearest ¼ acre):	2.75 acres
TYPE OF CONSTRUCTION:	ROAD
WAS THE PRE-DEVELOPMENT LAND USE USED FOR AGRICULTURE? (YES/NO):	NO
HAVE EARTH-DISTURBING ACTIVITIES COMMENCED? (YES/NO):	NO
PREVIOUS NPDES PERMIT? IF YES, PROVIDE NPDES #:	NO
ARE THERE OTHER OPERATORS COVERED UNDER THIS PERMIT FOR THIS PROJECT? IF YES, PROVIDE NPDES #	NO
WILL THERE BE DEMOLITION OF ANY STRUCTURES, 10,000 SQUARE FEET OR GREATER, BUILT OR RENOVATED BEFORE JANUARY 1, 1980? (YES/NO):	NO
WILL SITE DISCHARGE DEWATERING WATER? (YES/NO)	NO
IF DEWATERING, IS IT FROM A CURRENT OR FORMER FEDERAL OR STATE REMEDIATION SITE? (YES/NO)	N/A
MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4): NAME	N/A
ARE THERE SURFACE WATERS WITHIN 50 FT.? (YES/NO):	YES
RECEIVING WATER:	SANTA FE RIVER
IMPAIRED WATERS:	YES
IMPAIRED WATERS METHOD: ONLINE CONSULTATION OF NEW MEXICO ENVIRONMENT DEPARTMENT LISTING OF STATEWIDE 303D AND TMDL IMPAIRMENTS.	
TIER 2, TIER 2.5, TIER 3, WATERS: (CONSULT NMED, SURFACE WATER QUALITY BUREAU): TIER 2	
CHEMICAL TREATMENT INFORMATION: PROJECT WILL NOT UTILIZE THESE CHEMICALS.	
SWPPP CONTACT INFORMATION: CITY PROJECT MANAGER	
ENDANGERED SPECIES CRITERIA (A, B, C, D, E, or F): A	
HISTORIC PRESERVATION: HISTORIC PROPERTIES WILL NOT BE IMPACTED. THE ENVIRONMENTAL COMMITMENTS WILL INDICATE EXISTENCE OF HISTORIC PROPERTIES. IF HISTORIC PROPERTIES EXIST, THE TESCP SHEETS CAN SHOW NO EFFECT ON HISTORIC PROPERTIES. ALL STORMWATER CONTROLS REQUIRE SUBSURFACE DISTURBANCE.	
CERTIFICATION: PER APPENDIX G, SECTION G.11 OF THE 2022 CGP, THE NOI MUST BE CERTIFIED BY A RESPONSIBLE CORPORATE OFFICER, OR A PRINCIPAL EXECUTIVE OFFICER, OR RANKING ELECTED OFFICIAL.	

SOIL LOSS MODEL

For sites greater than 5 acres in size, BMP selection must be made based on the use of appropriate soil loss prediction models. (2022 CGP)

Project site has less than 5 acres of disturbed area. No soil loss model completed.

GENERAL NOTES:

1. THE MORE STRINGENT REQUIREMENT OF EITHER THE 2020 EDITION OF THE NMDOT NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) MANUAL OR SECTION 603 - TEMPORARY EROSION AND SEDIMENT CONTROL OF THE 2019 NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION SHALL BE USED AS MINIMUM REQUIREMENTS TO DEVELOP OR MODIFY THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
2. INFORMATION NEEDED TO COMPLETE THE NOTICE OF INTENT (NOI) IS PROVIDED IN THIS PLAN.
3. THE CONTRACTOR SHALL SPECIFICALLY DEFINE ALL REQUIRED CONTROL MEASURES FOR EACH CONSTRUCTION PHASE, AND SHALL COMPLY WITH THE PROVISIONS OF THE LATEST NPDES MANUAL AND THE 2022 CONSTRUCTION GENERAL PERMIT (CGP).
4. THE FINAL SEEDING AND REVEGETATION PLAN, ALONG WITH THE MEASURES SHOWN ON THE FINAL STABILIZATION TESCP SHEETS (IF INCLUDED) SERVE AS THE FINAL SOIL STABILIZATION MANAGEMENT PRACTICE.
5. CLASS 'A' AND CLASS 'C' SEEDING SHOULD USE QUANTITIES SHOWN IN THE 2019 NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION. QUANTITIES SHOWN IN THE RUSLE2 CALCULATIONS ARE FOR PERMIT COMPLIANCE ONLY.

WILSON & COMPANY
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ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

EROSION CONTROL GENERAL NOTES

SHEET NO:

2-21

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_EC01.dwg

SILT FENCE — ITEM NO. 603200

STATION	TO	STATION	LOCATION	LF	REMARKS
GUADALUPE STREET					
37+18.04	-	38+87.00	LT.	295.19	CALCULATED
		PROJECT TOTAL		295.19	
		PROJECT USE		300	

NOTE: LENGTH MAY NOT MATCH STATIONING DUE TO CURVES AND TAPERS.

DROP INLET PROTECTION TYPE I
ITEM NO. 603250

ID	STATION	OFFSET	EA
DIP-01	12+00.00	31.92' LT	1
DIP-02	13+15.00	30.50' LT	1
DIP-03	13+17.00	1.35' RT	1
DIP-04	13+20.00	34.74' RT	1
DIP-05	14+52.00	69.32' RT	1
DIP-06	15+57.00	24.06' RT	1
DIP-07	16+00.00	24.36' RT	1
DIP-11	36+72.00	47.90' RT	1
	PROJECT TOTAL		8
	PROJECT USE		***8***

DROP INLET PROTECTION TYPE II
ITEM NO. 603251

ID	STATION	OFFSET	EA
DIP-08	31+55.00	24.69' RT	1
DIP-09	32+37.00	25.81' LT	1
DIP-10	34+77.00	25.55' LT	1
	PROJECT TOTAL		3
	PROJECT USE		***3***

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DATE:	JUL 2022

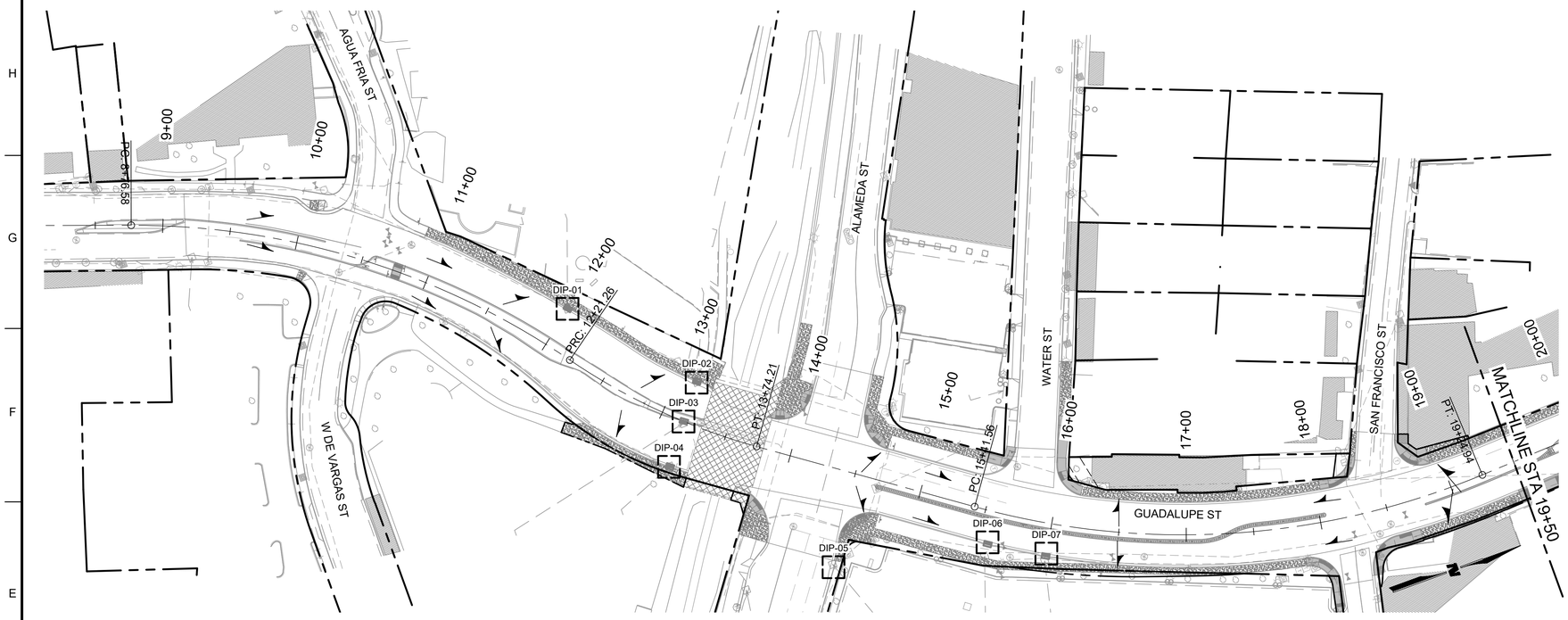
SHEET TITLE

EROSION CONTROL QUANTITIES

SHEET NO:

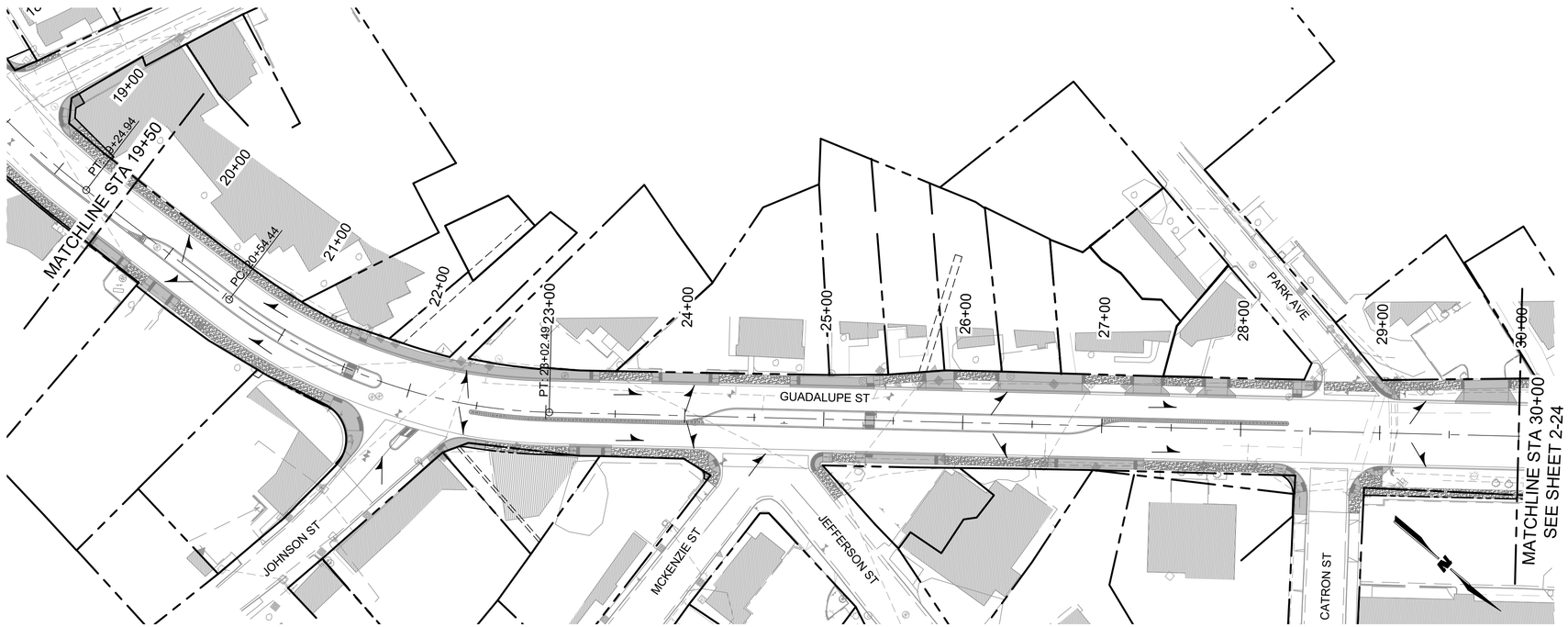
2-22

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_EC01.dwg



E1 EROSION CONTROL PLAN

SCALE: FULL: 1" = 50' / HALF: 1" = 100'



A1 EROSION CONTROL PLAN

SCALE: FULL: 1" = 50' / HALF: 1" = 100'

LEGEND

- DIP-XX — DROP INLET PROTECTION
- SILT FENCE
- SLOPE ARROW

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DESIGNED BY:	TJA
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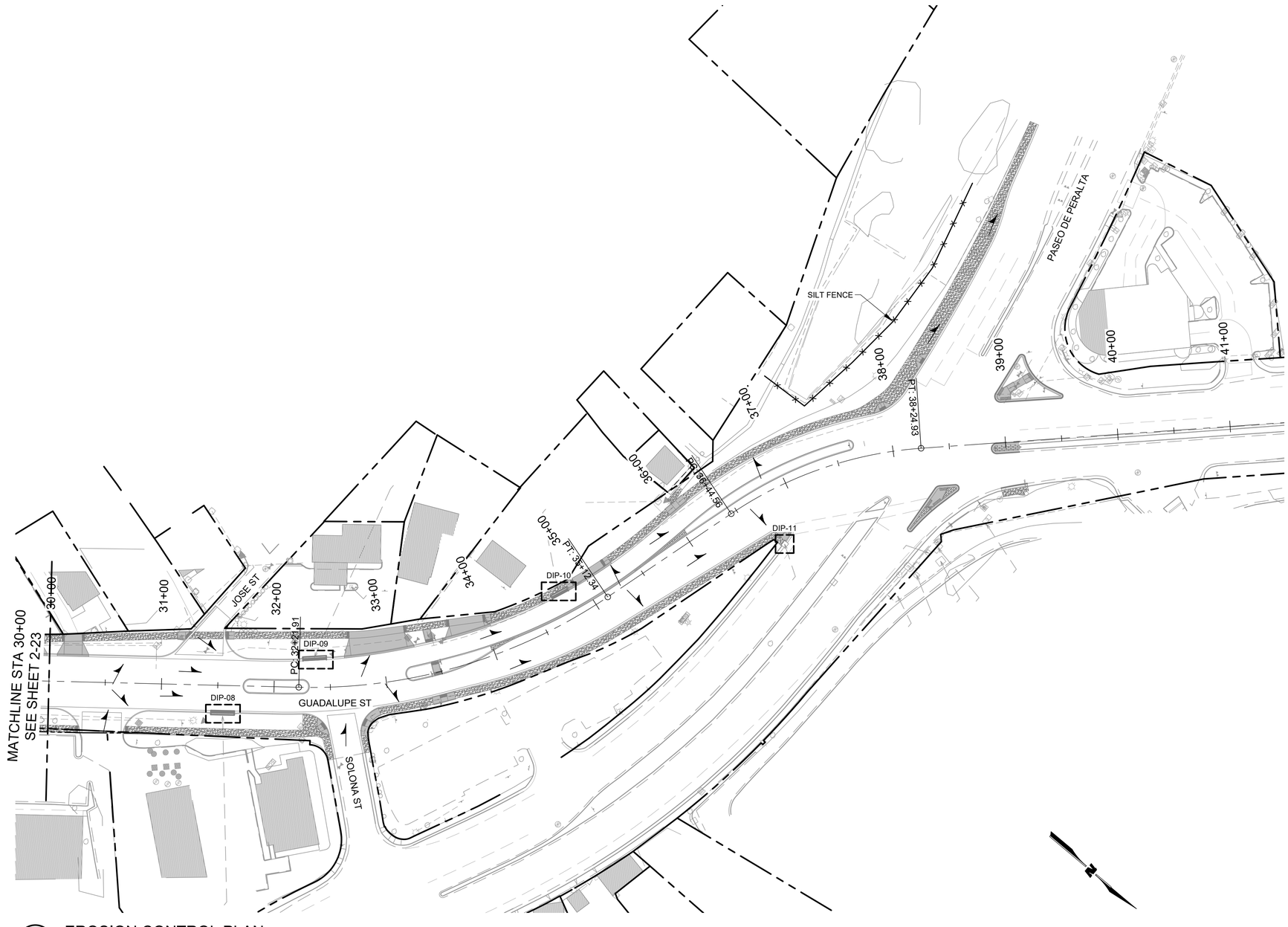
SHEET TITLE

EROSION CONTROL PLAN

SHEET NO:

2-23

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_EC02.dwg



A1 EROSION CONTROL PLAN

SCALE: FULL: 1" = 50' / HALF: 1" = 100'

LEGEND

- DIP-XX — DROP INLET PROTECTION
- SILT FENCE
- SLOPE ARROW

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07/29/2022

PROJECT NAME

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BY	DESCRIPTION	DATE	REV.

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DATE:	JUL 2022

SHEET TITLE

EROSION CONTROL PLAN

SHEET NO:

2-24

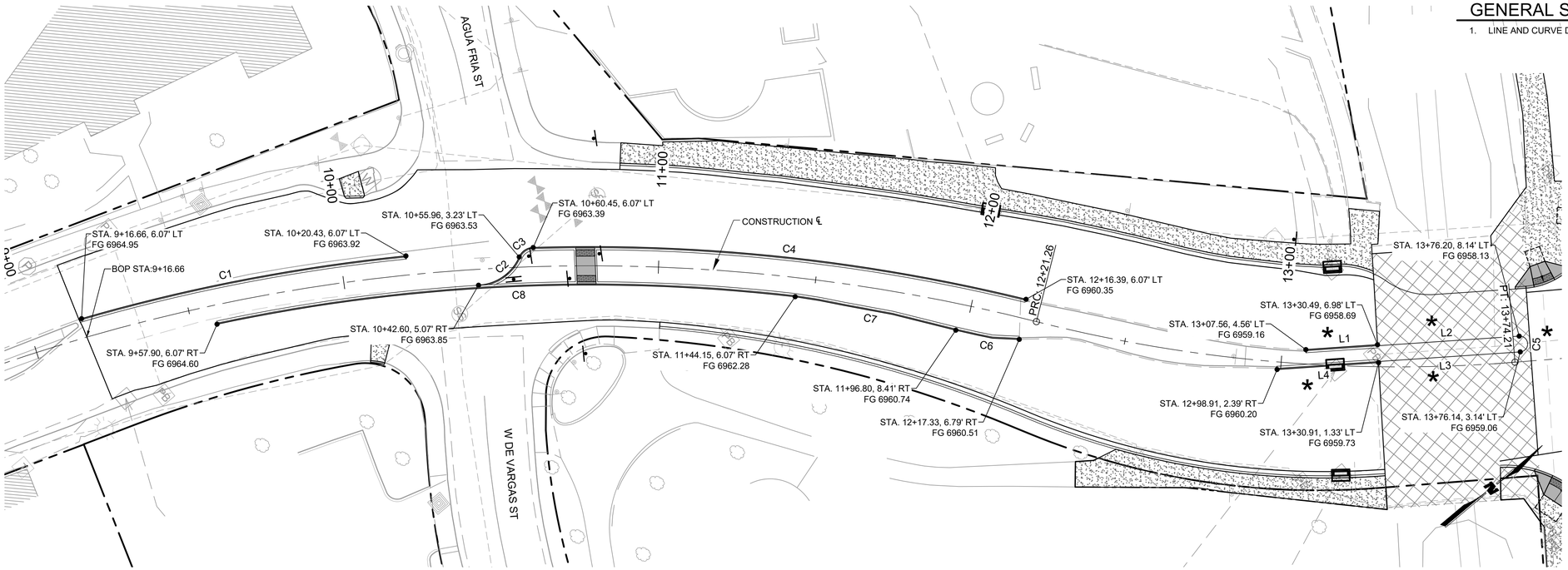
7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_EC02.dwg

GENERAL SHEET NOTES

1. LINE AND CURVE DATA IS TO LIP OF CURB, UNLESS OTHERWISE NOTED

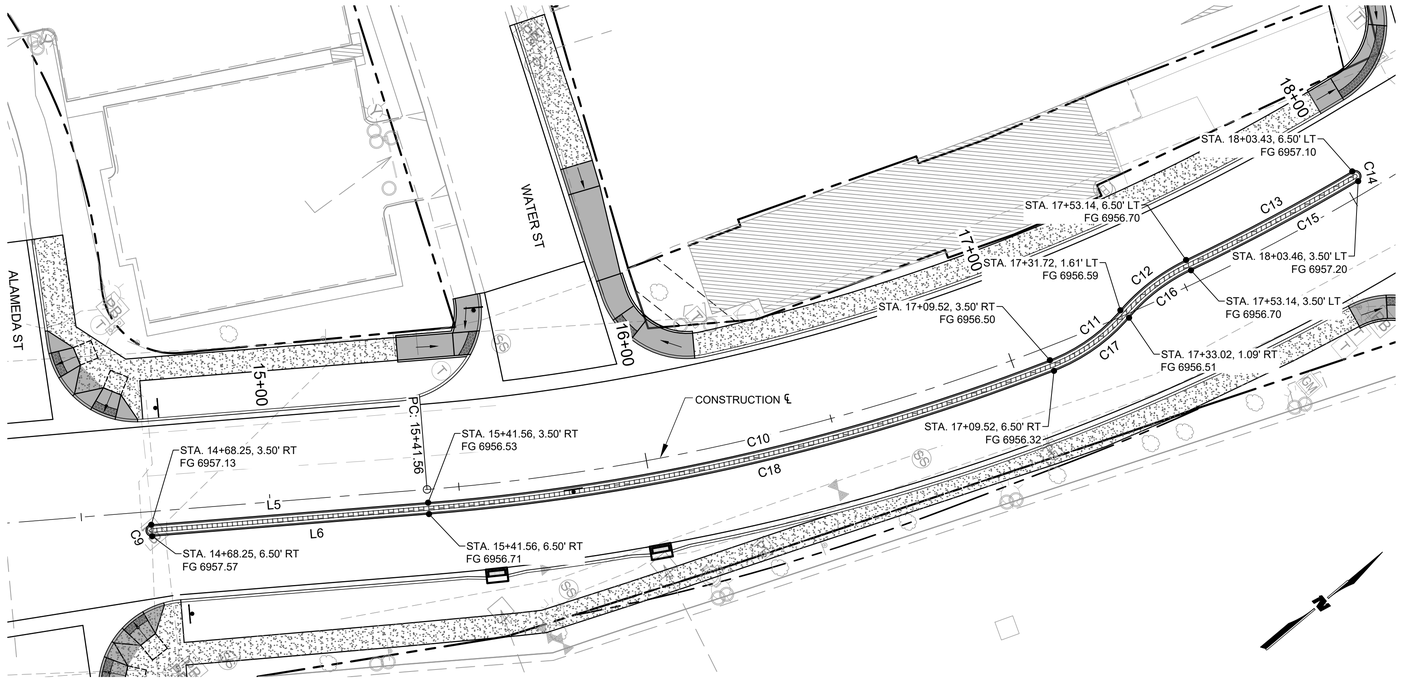
LEGEND

- 4" THICK COLORED CONCRETE SIDEWALK
- COLORED CONCRETE ADA RAMP / DRIVE PAD
- COLORED CONCRETE MEDIAN PAVING
- EXISTING ROW
- EXISTING PROPERTY LINE



M1 STA: 9+16.66 TO STA 13+78.67

SCALE: FULL: 1" = 20' / HALF: 1" = 40'



M2 STA: 14+66.76 TO STA 18+04.95

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

M1 - MEDIAN LINE TABLE			
	LINE #	LENGTH	DIRECTION
*	L1	22.77'	N36° 06' 34"E
*	L2	44.99'	N36° 06' 34"E
*	L3	45.04'	S36° 06' 34"W
*	L4	32.24'	S36° 06' 34"W

M1 - MEDIAN CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	TANGENT	RADIUS POINT STATION
C1	105.74'	580.00'	010°26'46"	53.02'	STA 9+10.11, 573.93' RT
C2	16.54'	15.00'	063°10'45"	9.22'	STA 10+42.69, 9.93' LT
C3	5.64'	5.00'	064°36'49"	3.16'	STA 10+53.41, 4.38' RT
C4	157.59'	580.00'	015°34'03"	79.28'	STA 9+10.11, 573.93' RT
* C5	7.85'	2.50'	180°00'00"	-'	STA 13+76.17, 5.64' LT
C6	20.37'	84.91'	013°44'31"	10.23'	STA 12+01.17, 76.38' LT
C7	52.08'	402.99'	007°24'16"	26.08'	STA 11+07.65, 408.60' LT
C8	184.26'	567.85'	018°35'28"	92.95'	STA 9+10.11, 573.93' RT

* REFER TO SECTION 5 FOR BRIDGE DIMENSIONS AND GEOMETRY. LINE AND CURVE DATA SHOWN HERE IS APPROXIMATE

M2 - MEDIAN LINE TABLE			
	LINE #	LENGTH	DIRECTION
	L5	73.31'	N35° 25' 35"E
	L6	73.31'	S35° 25' 35"W

M2 - MEDIAN CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	TANGENT	RADIUS POINT STATION
C9	4.71'	1.50'	180°00'00"	-'	STA 14+68.25, 5.00' RT
C10	168.98'	581.12'	016°39'37"	85.09'	STA 15+41.56, 577.62' LT
C11	23.04'	47.00'	028°05'22"	11.76'	STA 17+09.52, 43.50' LT
C12	21.98'	53.00'	023°45'46"	11.15'	STA 17+53.14, 46.50' RT
C13	49.72'	571.09'	004°59'19"	24.88'	STA 19+24.94, 577.62' LT
C14	4.71'	1.50'	180°00'00"	-'	STA 18+03.44, 5.00' LT
C15	50.02'	574.12'	004°59'29"	25.02'	STA 15+41.56, 577.62' LT
C16	20.74'	50.00'	023°45'46"	10.52'	STA 17+53.14, 46.50' RT
C17	24.51'	50.00'	028°05'22"	12.51'	STA 17+09.52, 43.50' LT
C18	169.85'	584.12'	016°39'37"	85.53'	STA 15+41.56, 577.62' LT

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07/29/2022

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CIP # 801B

	BY	DESCRIPTION	DATE	REV.

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NMDOT PROJECT NO: S100460 & LP50008
DESIGNED BY: TJA
DRAWN BY: JEM
CHECKED BY: TJA
DATE: JUL 2022

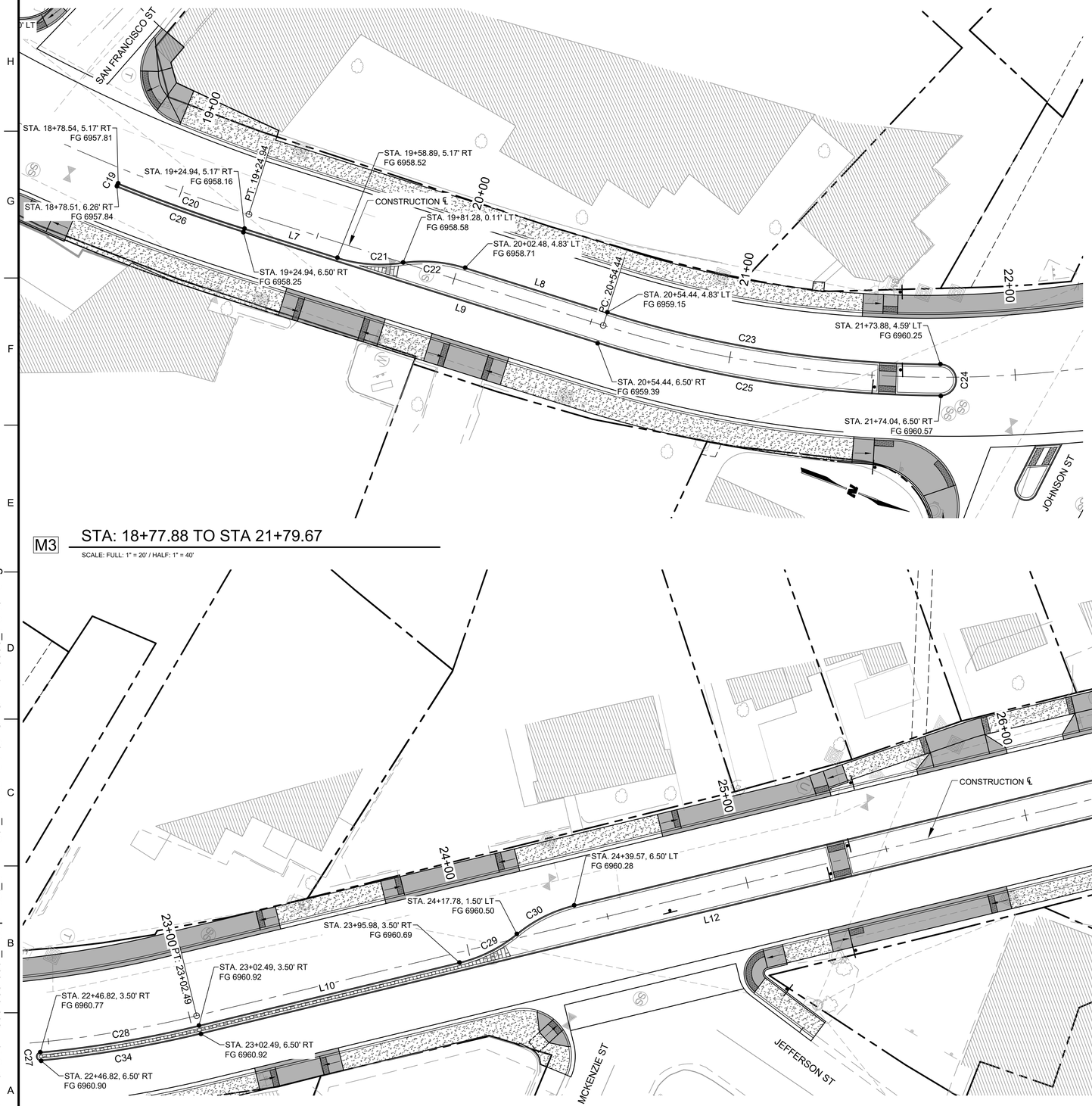
SHEET TITLE

MEDIAN DETAILS

SHEET NO:

2-25

7/28/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_MSD01.dwg



M3

STA: 18+77.88 TO STA 21+79.67

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

M4

STA: 22+45.30 TO STA 28+34.59

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

GENERAL SHEET NOTES

1. LINE AND CURVE DATA IS TO LIP OF CURB, UNLESS OTHERWISE NOTED

LEGEND

- 4" THICK COLORED CONCRETE SIDEWALK
- COLORED CONCRETE ADA RAMP / DRIVE PAD
- COLORED CONCRETE MEDIAN PAVING
- EXISTING ROW
- EXISTING PROPERTY LINE

M3 - MEDIAN LINE TABLE		
LINE #	LENGTH	DIRECTION
L7	33.95'	N02° 36' 09"W
L8	51.96'	N02° 36' 09"W
L9	129.49'	S02° 36' 09"E

M3 - MEDIAN CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	TANGENT	RADIUS POINT STATION
C19	2.09'	0.67'	180°00'00"	-'	STA 18+78.54, 5.83' RT
C20	46.82'	582.78'	004°36'10"	23.42'	STA 15+41.56, 577.62' LT
C21	23.21'	50.15'	026°30'56"	11.82'	STA 19+58.88, 44.98' LT
C22	21.90'	50.00'	025°05'29"	11.13'	STA 20+02.48, 45.17' RT
C23	118.00'	395.54'	017°05'36"	59.44'	STA 23+05.65, 399.35' LT
C24	17.43'	5.55'	180°00'00"	-'	STA 21+73.96, 0.95' RT

M4 - MEDIAN LINE TABLE		
LINE #	LENGTH	DIRECTION
L10	93.49'	N38° 35' 03"W
L11	393.45'	N38° 35' 03"W
L12	371.38'	S38° 35' 03"E

M4 - MEDIAN CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	TANGENT	RADIUS POINT STATION
C27	4.71'	1.50'	180°00'00"	-'	STA 22+46.82, 5.00' RT
C28	56.16'	398.50'	008°04'31"	28.13'	STA 20+54.44, 395.00' LT
C29	22.55'	50.00'	025°50'31"	11.47'	STA 23+95.98, 46.50' LT
C30	22.55'	50.00'	025°50'31"	11.47'	STA 24+39.57, 43.50' RT
C31	4.71'	1.50'	180°00'00"	-'	STA 28+33.02, 5.00' LT
C32	22.55'	50.00'	025°50'31"	11.47'	STA 27+17.47, 46.50' RT
C33	22.55'	50.00'	025°50'31"	11.47'	STA 26+73.88, 43.50' LT
C34	56.59'	401.50'	008°04'31"	28.34'	STA 20+54.44, 395.00' LT

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07/29/2022

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SHEET TITLE

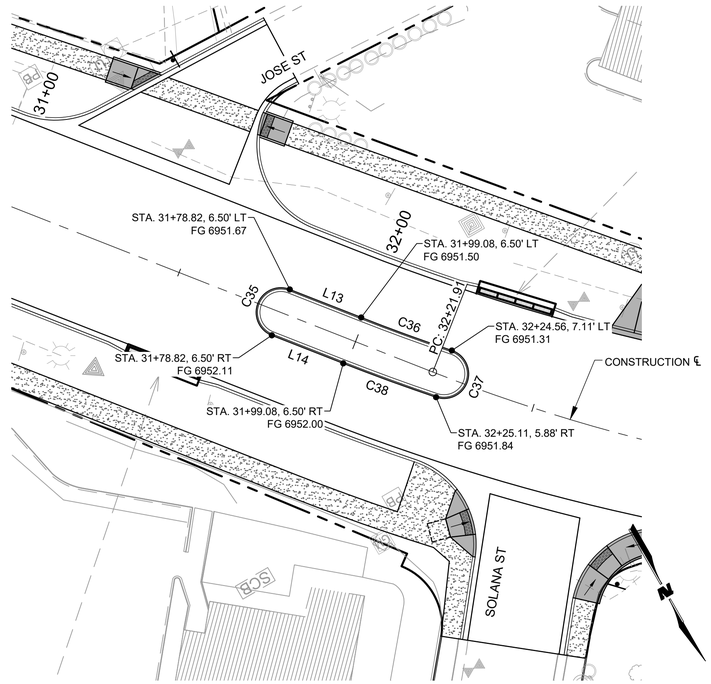
MEDIAN DETAILS

SHEET NO:

2-26

M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_MSD01.dwg

7/28/2022



M5

STA: 31+72.28 TO STA 32+31.37

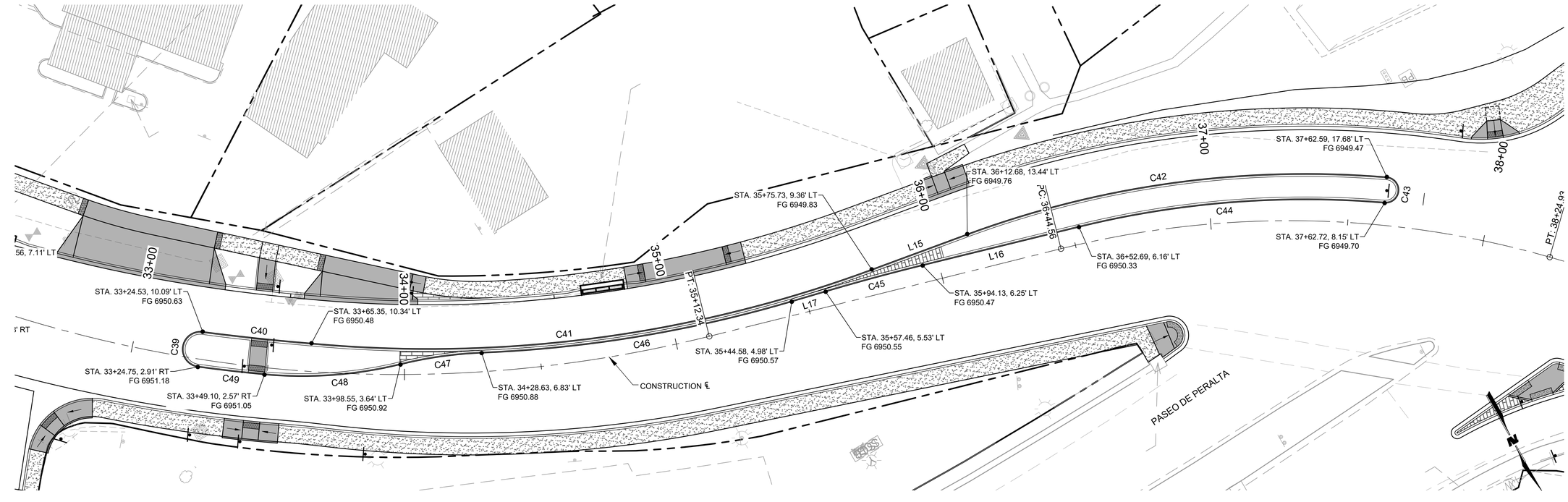
SCALE: FULL: 1" = 20' / HALF: 1" = 40'

M5 - MEDIAN LINE TABLE		
LINE #	LENGTH	DIRECTION
L13	20.25'	N38° 35' 03"W
L14	20.25'	S38° 35' 03"E

M5 - MEDIAN CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	TANGENT	RADIUS POINT STATION
C35	20.42'	6.50'	180°00'00"	-'	STA 31+78.82, CL
C36	25.46'	524.00'	002°47'01"	12.73'	STA 31+99.08, 530.50' LT
C37	20.42'	6.50'	180°00'00"	-'	STA 32+24.84, 0.62' LT
C38	26.09'	537.00'	002°47'01"	13.05'	STA 31+99.08, 530.50' LT

M6 - MEDIAN LINE TABLE		
LINE #	LENGTH	DIRECTION
L15	37.17'	S80° 17' 07"E
L16	58.71'	S73° 48' 08"E
L17	12.89'	S76° 25' 58"E

M6 - MEDIAN CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	TANGENT	RADIUS POINT STATION
C39	20.42'	6.50'	180°00'00"	-'	STA 33+24.64, 3.59' LT
C40	39.93'	869.38'	002°37'54"	19.97'	STA 36+46.17, 855.95' LT
C41	207.85'	466.00'	025°33'19"	105.68'	STA 35+24.63, 472.55' LT
C42	155.71'	355.92'	025°03'57"	79.12'	STA 38+28.79, 337.39' RT
C43	14.96'	4.76'	180°00'00"	-'	STA 37+62.66, 12.91' LT
C44	112.34'	346.39'	018°34'58"	56.67'	STA 38+28.79, 337.39' RT
C45	36.68'	799.00'	002°37'50"	18.35'	STA 40+02.53, 759.42' RT
C46	114.95'	468.00'	014°04'24"	57.77'	STA 35+24.63, 472.55' LT
C47	29.96'	150.00'	011°26'41"	15.03'	STA 34+25.77, 143.13' RT
C48	49.98'	150.00'	019°05'32"	25.23'	STA 33+46.72, 147.44' LT
C49	24.49'	537.00'	002°36'48"	12.25'	STA 31+99.08, 530.50' LT



M6

STA: 33+18.05 TO STA 37+67.31

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

GENERAL SHEET NOTES

1. LINE AND CURVE DATA IS TO LIP OF CURB, UNLESS OTHERWISE NOTED

LEGEND

- 4" THICK COLORED CONCRETE SIDEWALK
- COLORED CONCRETE ADA RAMP / DRIVE PAD
- COLORED CONCRETE MEDIAN PAVING
- EXISTING ROW
- EXISTING PROPERTY LINE

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www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

MEDIAN DETAILS

SHEET NO:

2-27

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_MSD01.dwg

LEGEND

- 4" THICK COLORED CONCRETE SIDEWALK
- COLORED CONCRETE ADA RAMP / DRIVE PAD
- COLORED CONCRETE MEDIAN PAVING
- BRIDGE (BY OTHERS)
- EXISTING ROW
- EXISTING PROPERTY LINE
- FL — FLOWLINE ELEVATION
- FG — FINISHED GRADE ELEVATION
- ME — MATCH EXISTING ELEVATION

(E) LIP OF CURB DATA

Δ - 86°15'03"
R = 25.00'
L = 37.63'
T = 23.42'

	TC
1	6957.57
2	6957.65
3	6957.74

(F) LIP OF CURB DATA

Δ - 86°16'26"
R = 25.00'
L = 37.64'
T = 23.42'

	TC
1	6956.82
2	6956.72
3	6956.68

(G) LIP OF CURB DATA

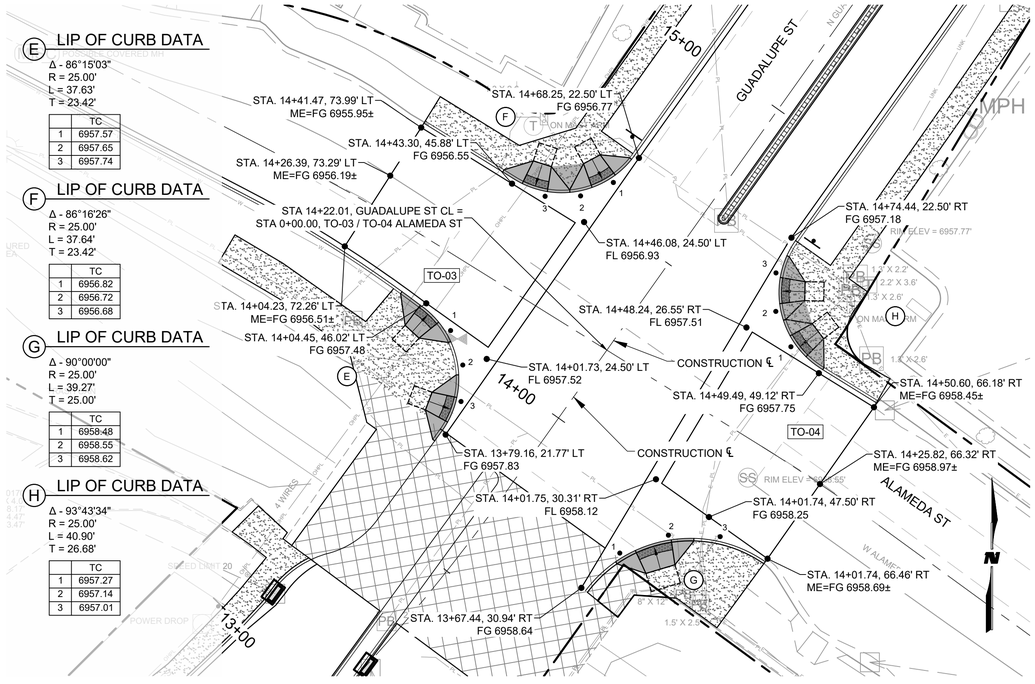
Δ - 90°00'00"
R = 25.00'
L = 39.27'
T = 25.00'

	TC
1	6958.48
2	6958.55
3	6958.62

(H) LIP OF CURB DATA

Δ - 93°43'34"
R = 25.00'
L = 40.90'
T = 26.68'

	TC
1	6957.27
2	6957.14
3	6957.01



TO-03 / TO-04: ALAMEDA ST

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
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TYLER J. ASHTON
NEW MEXICO
REGISTERED
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

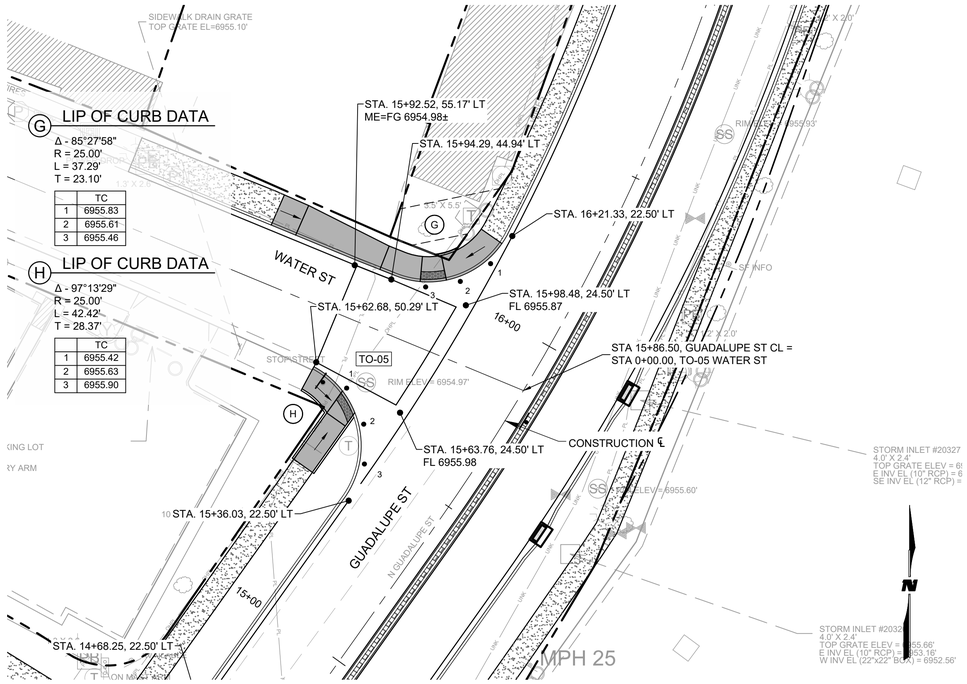
SHEET TITLE

INTERSECTION DETAILS

SHEET NO:

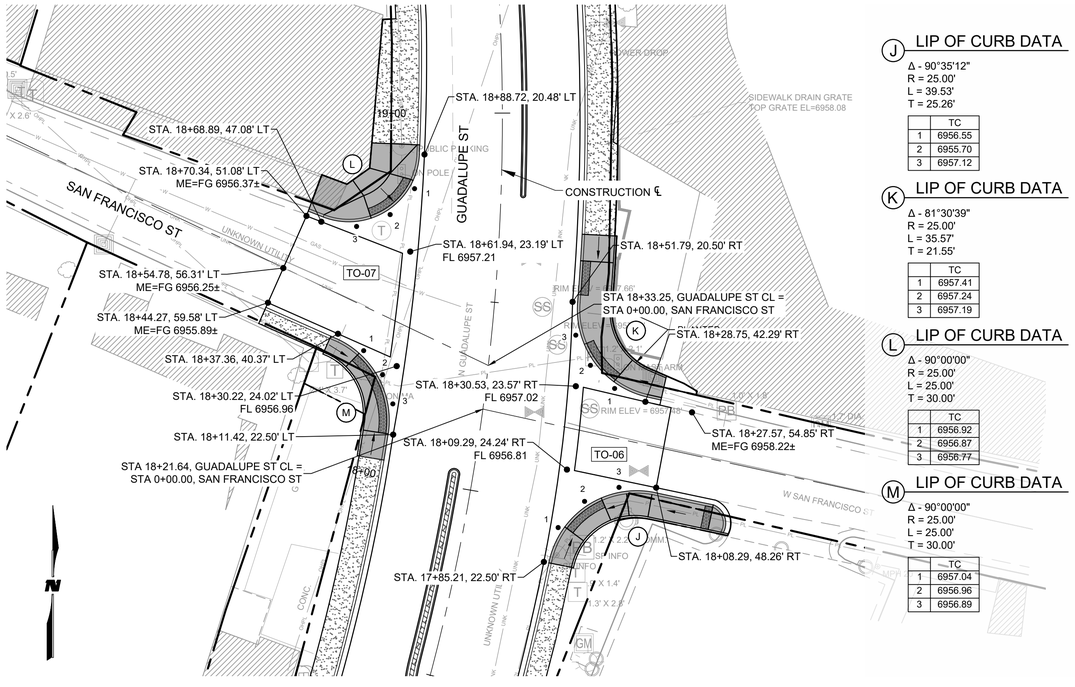
2-28

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_MSD02.dwg



TO-05: WATER ST

SCALE: FULL: 1" = 20' / HALF: 1" = 40'



TO-06 / TO-07: SAN FRANCISCO ST

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

LEGEND

- 4" THICK COLORED CONCRETE SIDEWALK
- COLORED CONCRETE ADA RAMP / DRIVE PAD
- COLORED CONCRETE MEDIAN PAVING
- BRIDGE (BY OTHERS)
- EXISTING ROW
- EXISTING PROPERTY LINE
- FL — FLOWLINE ELEVATION
- FG — FINISHED GRADE ELEVATION
- ME — MATCH EXISTING ELEVATION

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07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

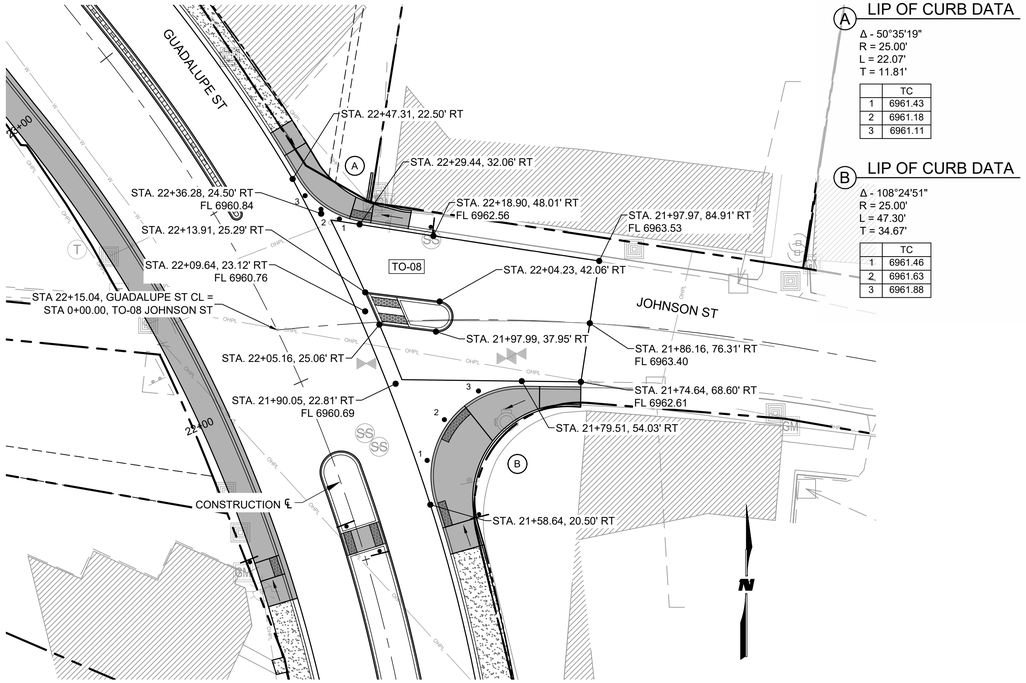
SHEET TITLE

INTERSECTION DETAILS

SHEET NO:

2-29

8/18/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_MSD02.dwg



TO-08: JOHNSON ST

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

A LIP OF CURB DATA

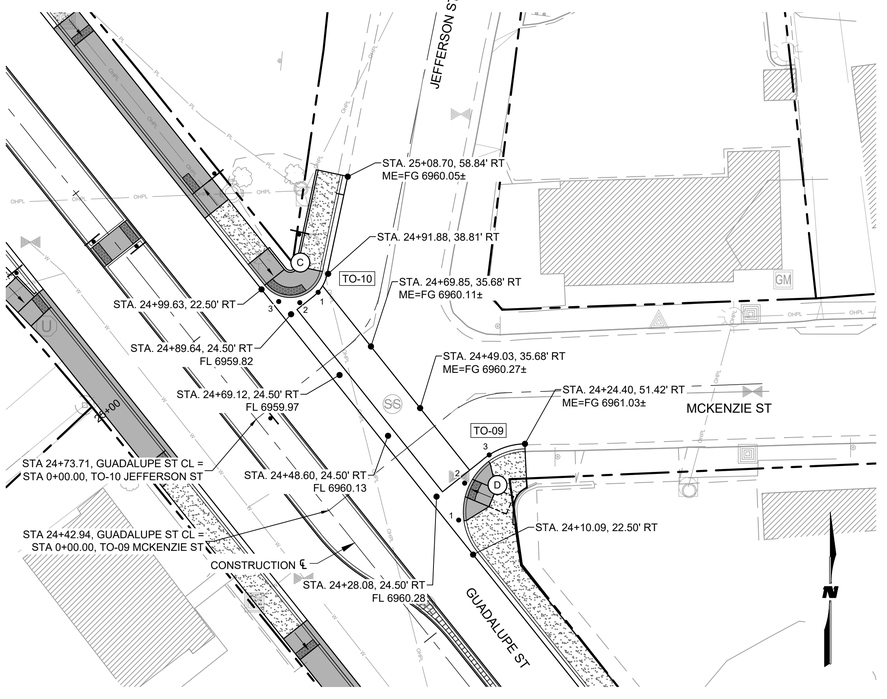
Δ - 50°35'19"
R = 25.00'
L = 22.07'
T = 11.81'

	TC
1	6961.43
2	6961.18
3	6961.11

B LIP OF CURB DATA

Δ - 108°24'51"
R = 25.00'
L = 47.30'
T = 34.67'

	TC
1	6961.46
2	6961.63
3	6961.88



TO-10: JEFFERSON ST TO-09: MCKENZIE ST

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

C LIP OF CURB DATA

Δ - 129°08'03"
R = 10.00'
L = 22.54'
T = 21.03'

	TC
1	6959.48
2	6959.39
3	6959.31

D LIP OF CURB DATA

Δ - 127°20'20"
R = 18.00'
L = 40.00'
T = 36.37'

	TC
1	6960.35
2	6960.52
3	6960.75

LEGEND

- 4" THICK COLORED CONCRETE SIDEWALK
- COLORED CONCRETE ADA RAMP / DRIVE PAD
- COLORED CONCRETE MEDIAN PAVING
- BRIDGE (BY OTHERS)
- EXISTING ROW
- EXISTING PROPERTY LINE
- FL — FLOWLINE ELEVATION
- FG — FINISHED GRADE ELEVATION
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07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

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NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

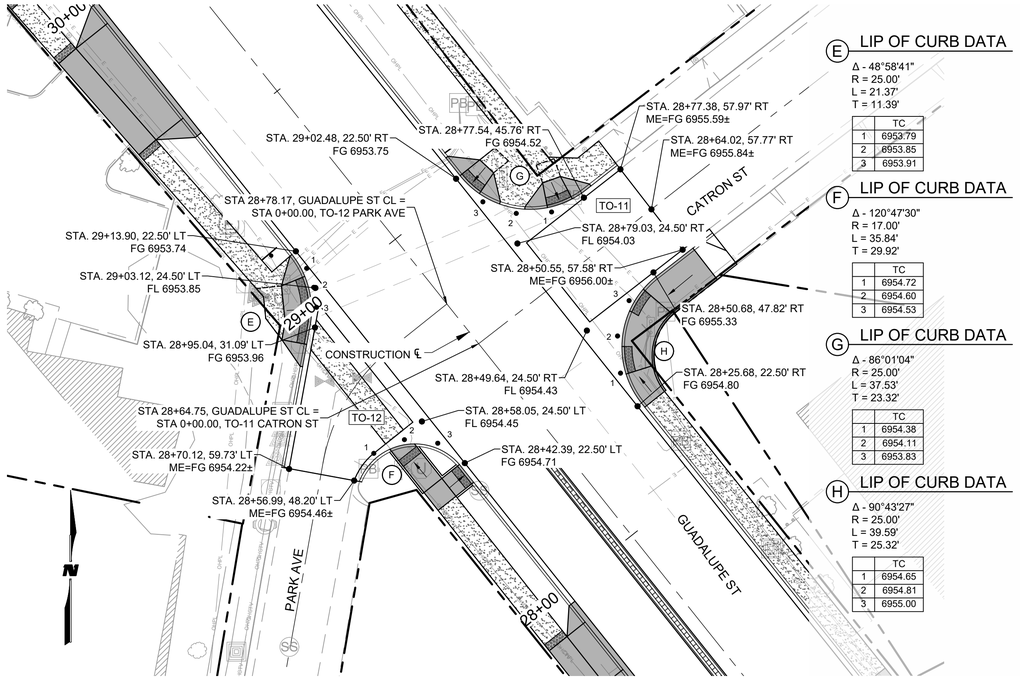
SHEET TITLE

INTERSECTION DETAILS

SHEET NO:

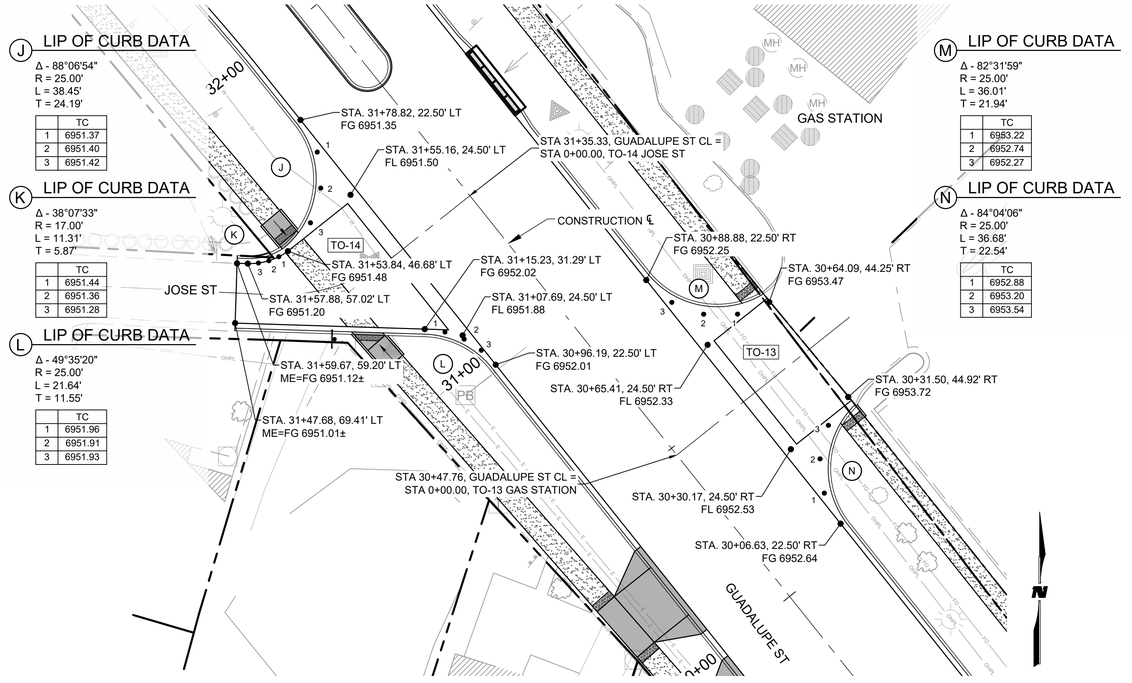
2-30

8/18/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_MSD02.dwg



TO-11: CATRON ST TO-12: PARK AVE

SCALE: FULL: 1" = 20' / HALF: 1: = 40'



TO-14: JOSE ST TO-13: GAS STATION

SCALE: FULL: 1" = 20' / HALF: 1: = 40'

LEGEND

- 4" THICK COLORED CONCRETE SIDEWALK
- COLORED CONCRETE ADA RAMP / DRIVE PAD
- COLORED CONCRETE MEDIAN PAVING
- BRIDGE (BY OTHERS)
- EXISTING ROW
- EXISTING PROPERTY LINE
- FL — FLOWLINE ELEVATION
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PROJECT NAME

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SANTA FE, NM
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DESIGNED BY:	TJA
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CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

INTERSECTION DETAILS

SHEET NO:

2-31

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_MSD02.dwg

LEGEND

- 4" THICK COLORED CONCRETE SIDEWALK
- COLORED CONCRETE ADA RAMP / DRIVE PAD
- COLORED CONCRETE MEDIAN PAVING
- BRIDGE (BY OTHERS)
- EXISTING ROW
- EXISTING PROPERTY LINE
- FL — FLOWLINE ELEVATION
- FG — FINISHED GRADE ELEVATION
- ME — MATCH EXISTING ELEVATION

(A) LIP OF CURB DATA

Δ - 92°30'47"
R = 25.00'
L = 40.37'
T = 26.12'

	TC
1	6951.60
2	6951.40
3	6951.23

(B) LIP OF CURB DATA

Δ - 80°03'44"
R = 25.00'
L = 34.93'
T = 21.00'

	TC
1	6951.47
2	6951.55
3	6951.66

(C) LIP OF CURB DATA

Δ - 50°16'56"
R = 41.00'
L = 35.98'
T = 19.24'

	TC
1	6948.44
2	6948.32
3	6948.20

(D) LIP OF CURB DATA

Δ - 12°18'43"
R = 166.08'
L = 35.69'
T = 17.91'

	TC
1	6950.37
2	6950.31
3	6950.23

(E) LIP OF CURB DATA

Δ - 02°09'03"
R = 1374.27'
L = 51.59'
T = 25.80'

	TC
1	6942.48
2	6942.89
3	6943.28

(F) LIP OF CURB DATA

Δ - 10°52'53"
R = 150.00'
L = 28.49'
T = 14.29'

	TC
1	6944.33
2	6944.10
3	6943.88

(G) LIP OF CURB DATA

Δ - 13°39'59"
R = 150.00'
L = 35.78'
T = 17.97'

	TC
1	6944.81
2	6945.08
3	6945.34

(H) LIP OF CURB DATA

Δ - 05°45'11"
R = 1487.79'
L = 149.39'
T = 74.76'

	TC
1	6946.51
2	6947.34
3	6948.13

(J) LIP OF CURB DATA

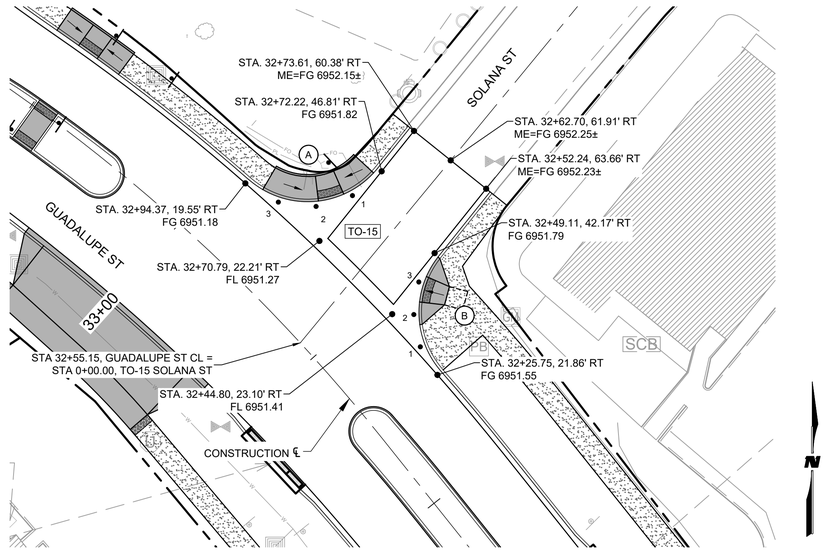
Δ - 45°39'45"
R = 50.00'
L = 40.91'
T = 21.61'

	TC
1	6948.89
2	6948.96
3	6949.03

(K) LIP OF CURB DATA

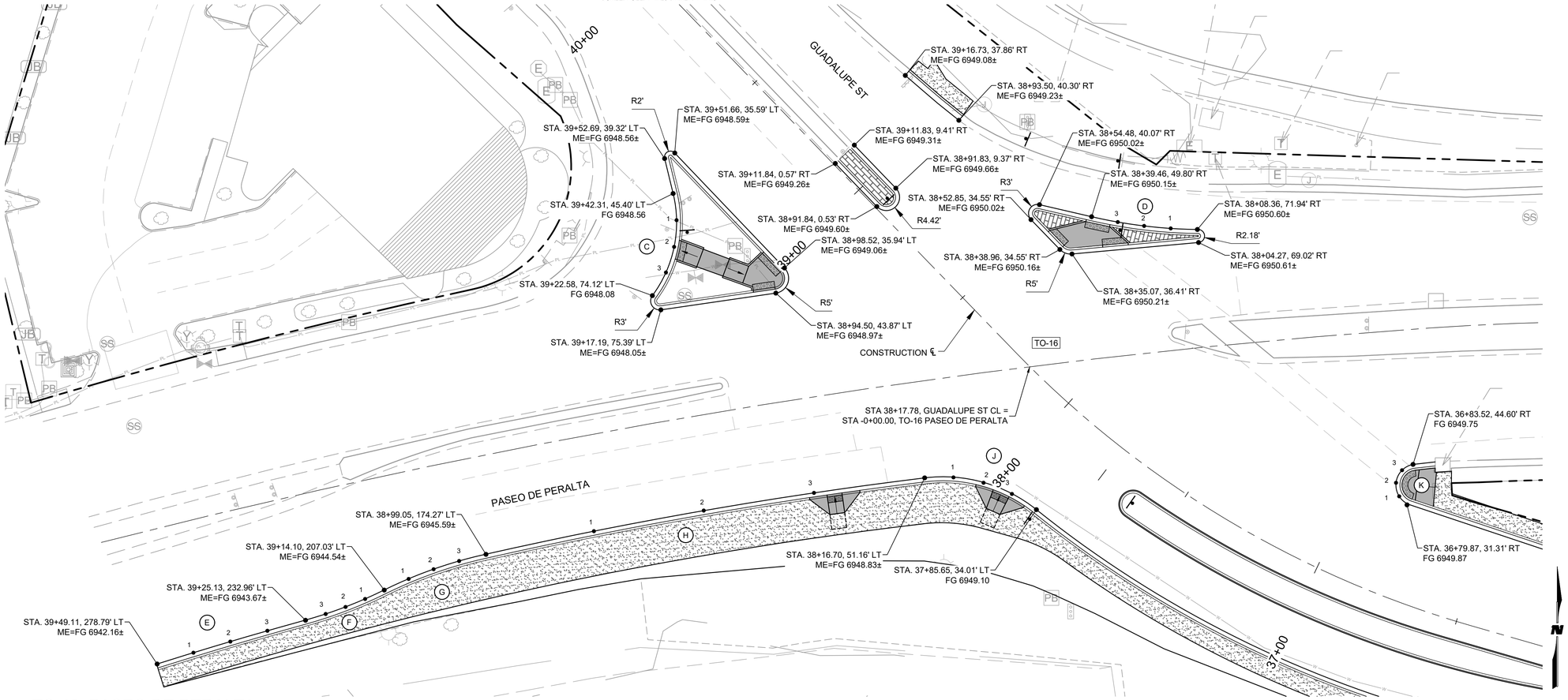
Δ - 155°27'52"
R = 7.00'
L = 18.99'
T = 32.19'

	TC
1	6949.84
2	6949.81
3	6949.78



TO-15: SOLANA ST

SCALE: FULL: 1" = 20' / HALF: 1" = 40'



TO-13: PASEO DE PERALTA

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

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CONSULTANTS

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NEW MEXICO
REGISTERED
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

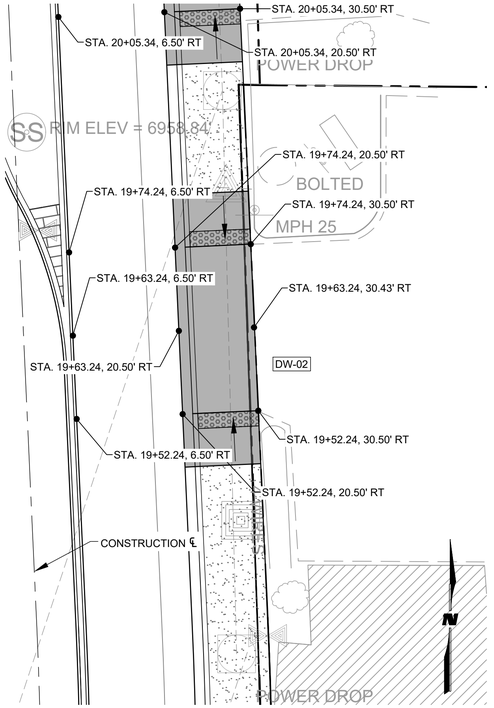
INTERSECTION DETAILS

SHEET NO:

2-32

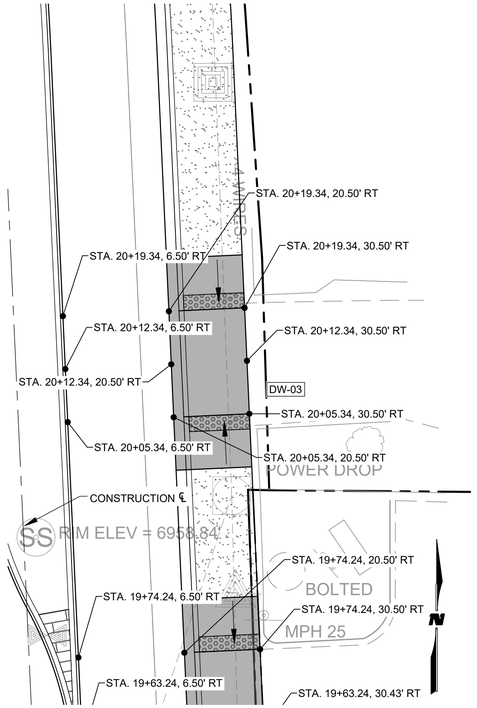
7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_MSD02.dwg

NOTE: DRIVEWAY 01 HAS BEEN REMOVED



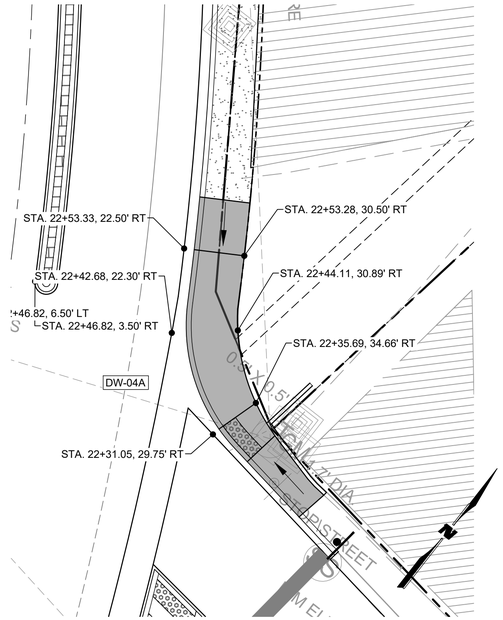
DW-02: STA 19+68.94

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



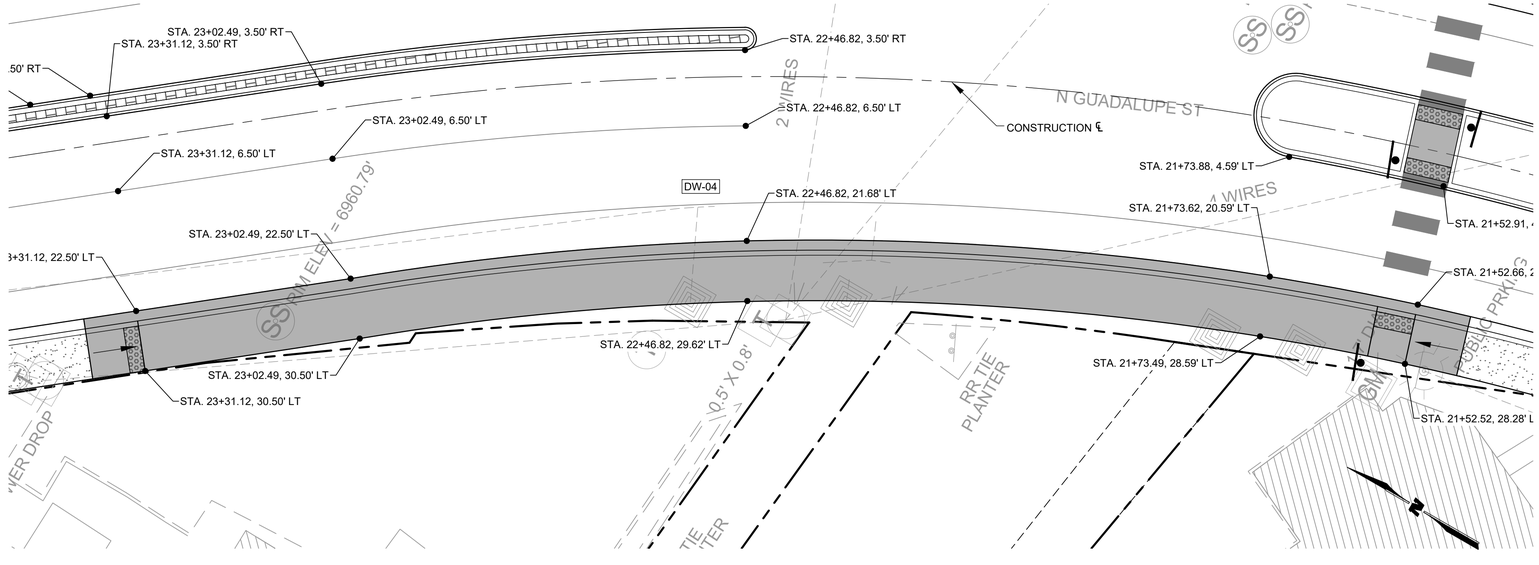
DW-03: STA 20+18.04

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



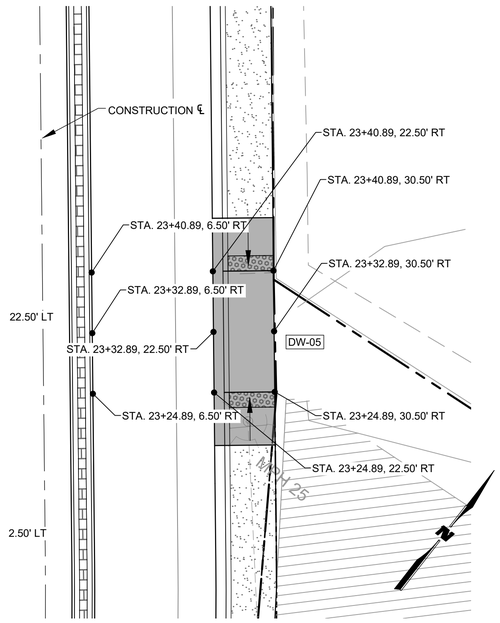
DW-04A: STA 22+42.68

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



DW-04: STA 22+52.53

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



DW-05: STA 23+38.59

SCALE: FULL: 1" = 10' / HALF: 1" = 20'

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
16278
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

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NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

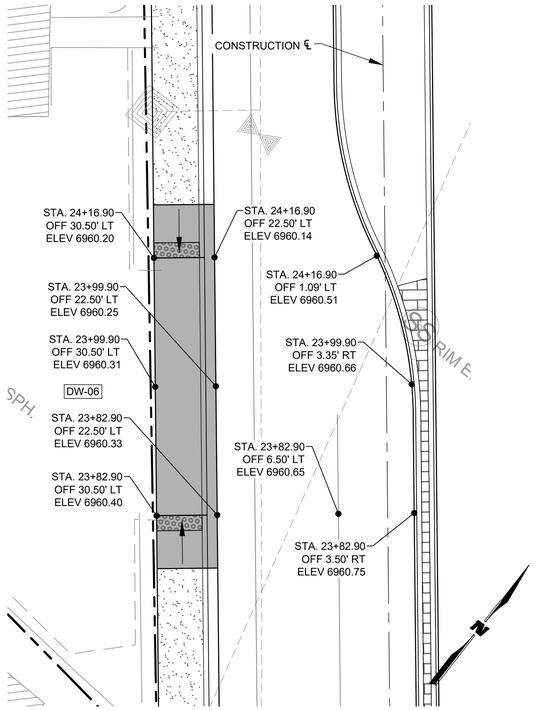
SHEET TITLE

DRIVEWAY DETAILS

SHEET NO:

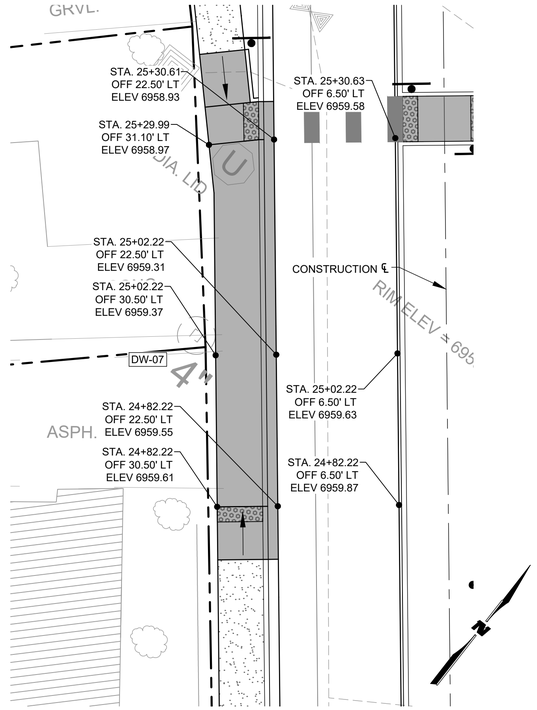
2-33

8/19/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_MSD04.dwg



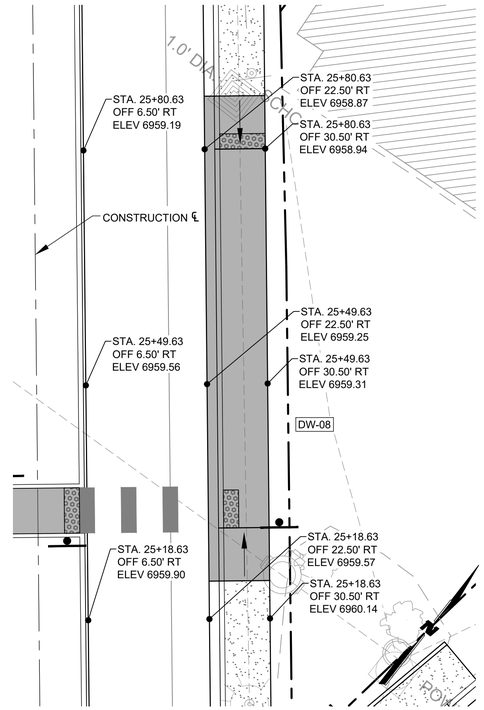
DW-06: STA 24+05.61

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



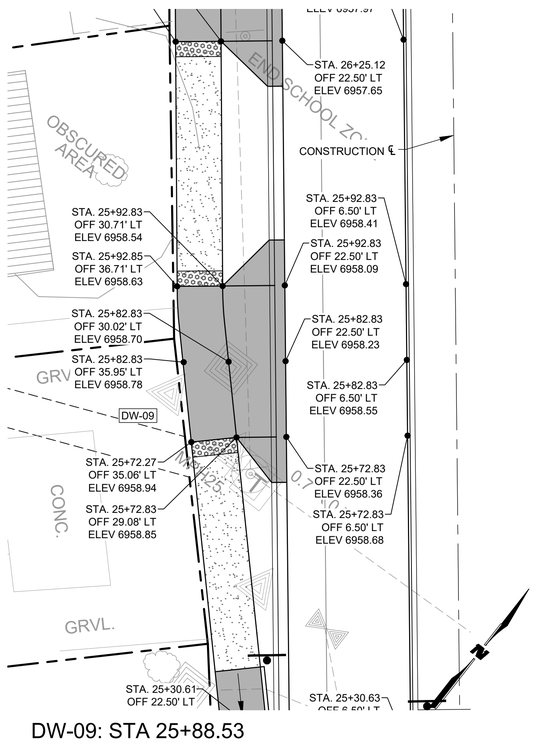
DW-07: STA 25+07.92

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



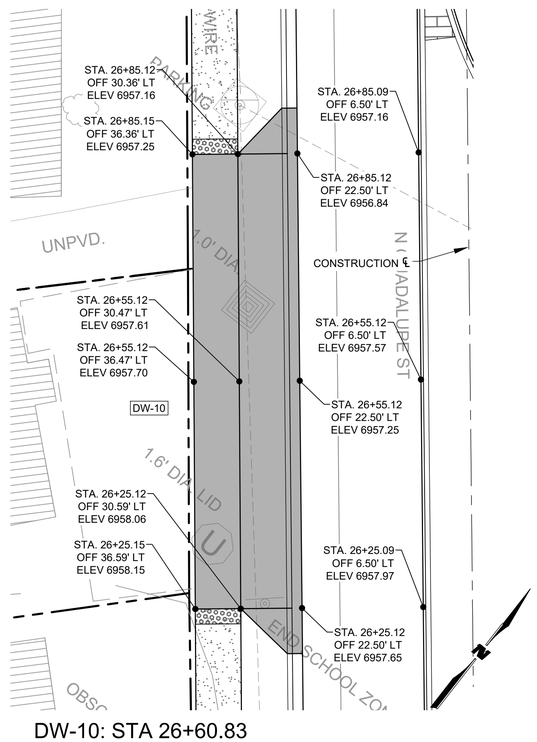
DW-08: STA 25+55.34

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



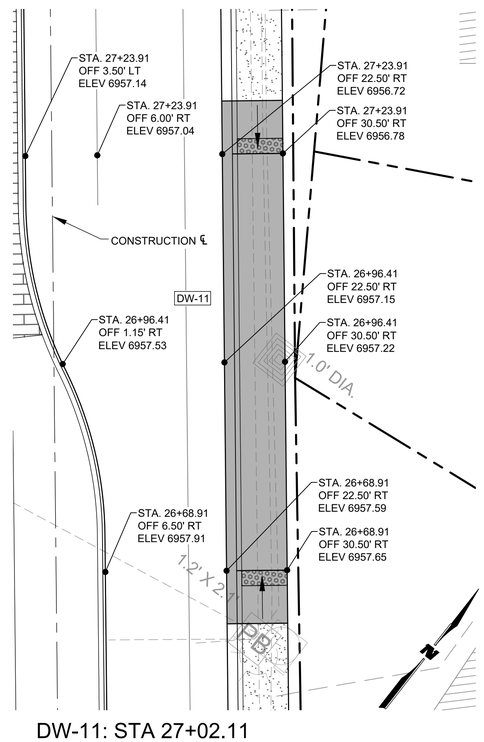
DW-09: STA 25+88.53

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



DW-10: STA 26+60.83

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



DW-11: STA 27+02.11

SCALE: FULL: 1" = 10' / HALF: 1" = 20'

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07/29/2022

PROJECT NAME

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DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

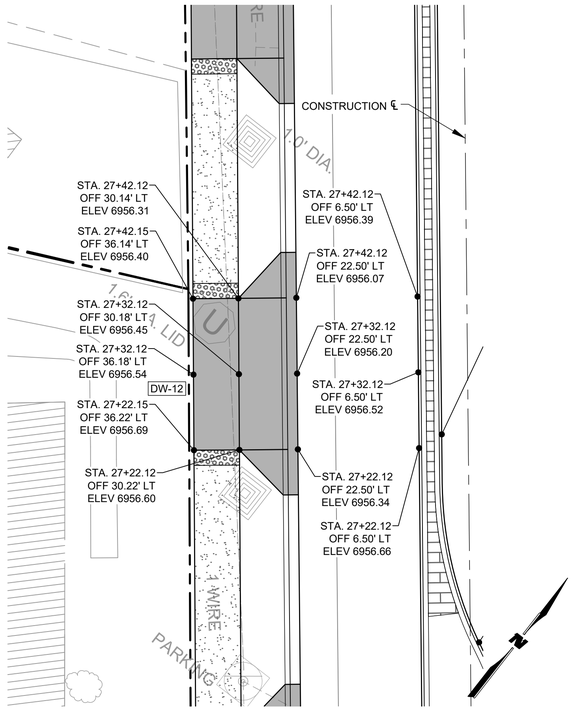
SHEET TITLE

DRIVEWAY DETAILS

SHEET NO:

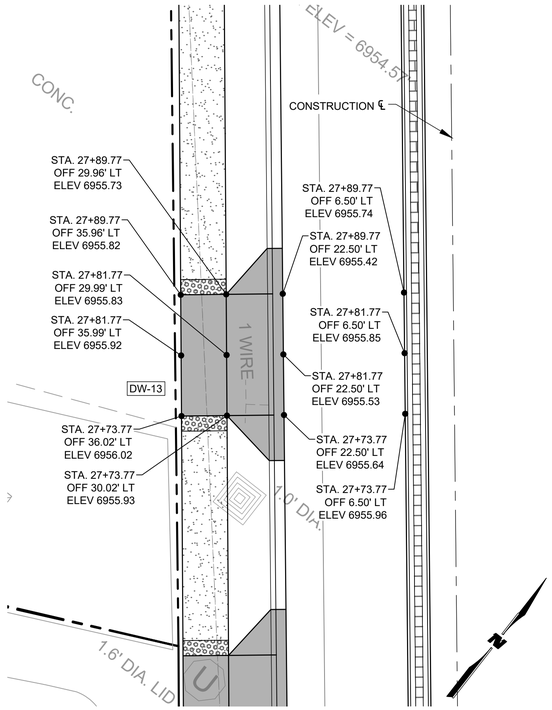
2-34

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_MSD04.dwg



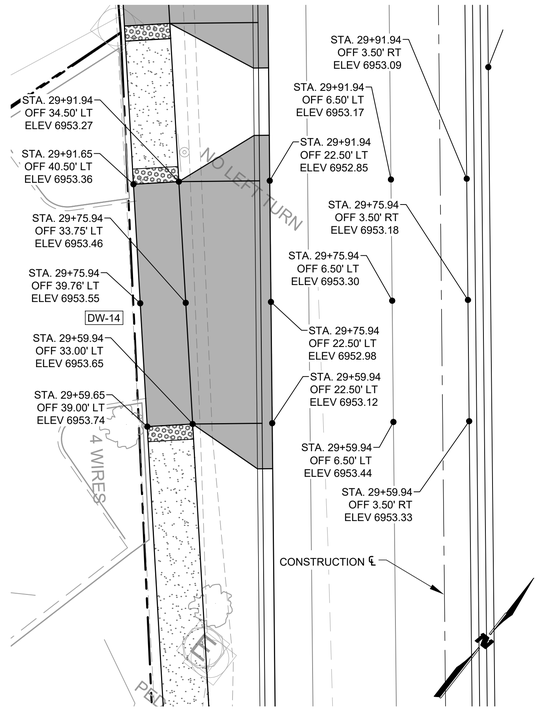
DW-12: STA 27+37.83

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



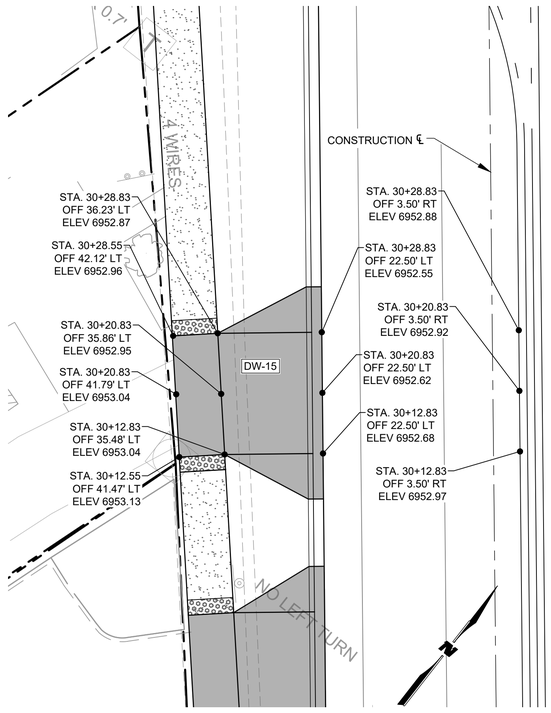
DW-13: STA 27+87.47

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



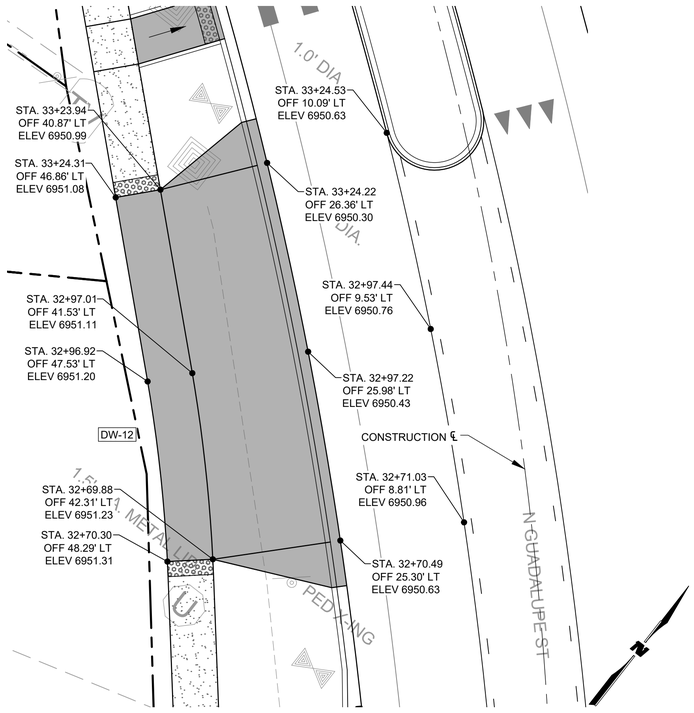
DW-14: STA 29+81.64

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



DW-15: STA 30+26.53

SCALE: FULL: 1" = 10' / HALF: 1" = 20'



DW-16: 33+02.92

SCALE: FULL: 1" = 10' / HALF: 1" = 20'

WILSON &COMPANY
4401 MASTHEAD ST. NE. SUITE 150
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

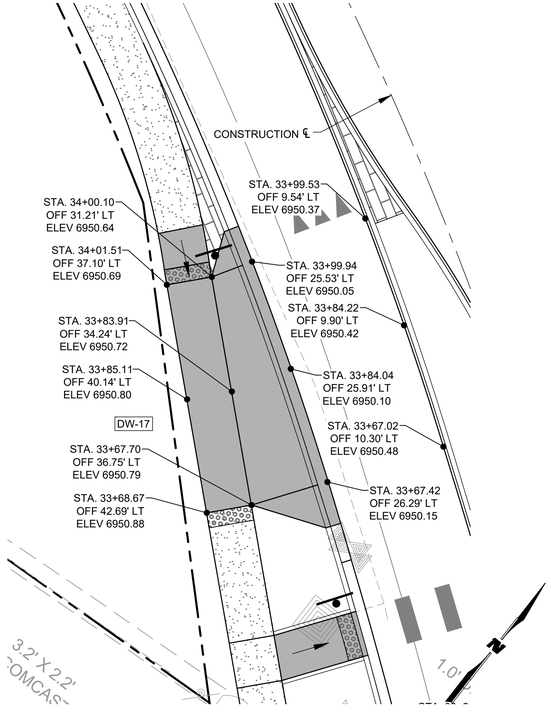
SHEET TITLE

DRIVEWAY DETAILS

SHEET NO:

2-35

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1176085_MSD04.dwg



DW-17: STA 33+89.73

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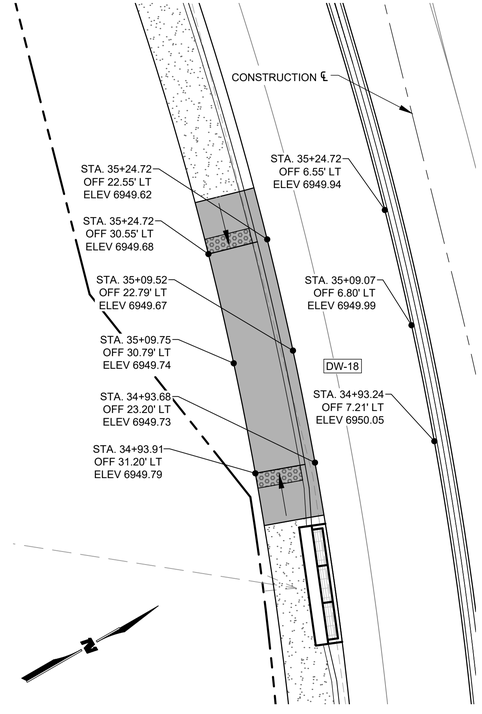

DW-18 STA 35+15.54

SCALE: FULL: 1" = 10' / HALF: 1" = 20'

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DATE:	JUL 2022

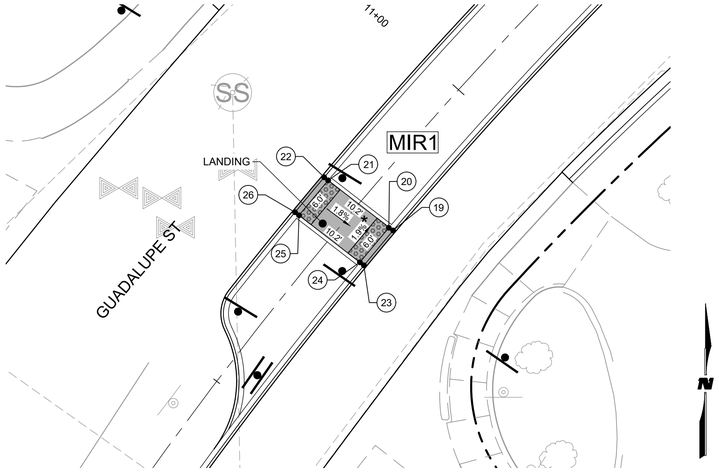
SHEET TITLE

DRIVEWAY DETAILS

SHEET NO:

2-36

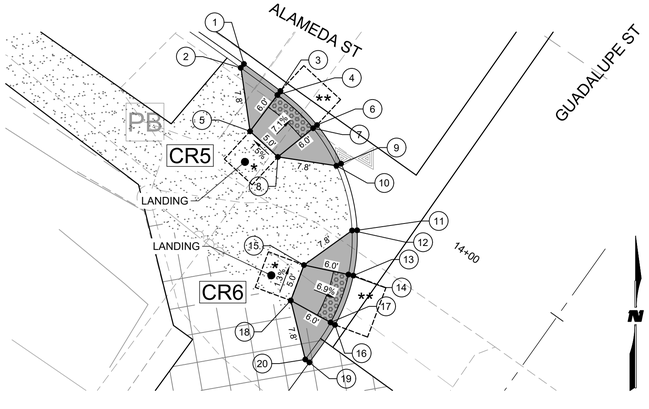
7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_MSD04.dwg



MIR1 MEDIAN ISLAND RAMP @ TURNOUT #01 (W DE VARGAS ST)

SCALE: 1" = 10'

MIR1 MEDIAN ISLAND RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
19	10+80.24	5.74' RT	6,963.33'	FLOWLINE OF CURB AND GUTTER
20	10+80.21	5.07' RT	6,963.33'	BACK OF CURB AND GUTTER
21	10+79.76	5.07' LT	6,963.51'	BACK OF CURB AND GUTTER
22	10+79.73	5.74' LT	6,963.51'	FLOWLINE OF CURB AND GUTTER
23	10+74.18	5.74' RT	6,963.44'	FLOWLINE OF CURB AND GUTTER
24	10+74.15	5.07' RT	6,963.44'	BACK OF CURB AND GUTTER
25	10+73.81	5.07' LT	6,963.63'	BACK OF CURB AND GUTTER
26	10+73.79	5.74' LT	6,963.63'	FLOWLINE OF CURB AND GUTTER



CR5 CR6 CURB RAMP @ SW TURNOUT #03 (ALAMEDA ST)

SCALE: 1" = 10'

CR05 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	14+03.26	53.01' LT	6,957.21'	FLOWLINE CURB AND GUTTER
2	14+02.59	53.02' LT	6,957.71'	BACK OF CURB AND GUTTER
3	14+03.15	47.01' LT	6,957.47'	FLOWLINE CURB AND GUTTER
4	14+02.48	47.03' LT	6,957.47'	BACK OF CURB AND GUTTER
5	13+96.48	47.19' LT	6,957.89'	TOP OF SIDEWALK
6	14+02.28	40.47' LT	6,957.53'	FLOWLINE CURB AND GUTTER
7	14+01.63	40.65' LT	6,957.53'	BACK OF CURB AND GUTTER
8	13+95.85	42.25' LT	6,957.95'	TOP OF SIDEWALK
9	13+99.96	34.94' LT	6,957.61'	FLOWLINE CURB AND GUTTER
10	13+99.38	35.27' LT	6,958.09'	BACK OF CURB AND GUTTER

CR06 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
11	13+94.03	28.11' LT	6,957.69'	FLOWLINE CURB AND GUTTER
12	13+93.62	28.64' LT	6,958.18'	BACK OF CURB AND GUTTER
13	13+88.87	25.05' LT	6,957.73'	FLOWLINE CURB AND GUTTER
14	13+88.60	25.66' LT	6,957.73'	BACK OF CURB AND GUTTER
15	13+86.22	31.17' LT	6,958.15'	TOP OF SIDEWALK
16	13+82.16	23.25' LT	6,957.80'	FLOWLINE CURB AND GUTTER
17	13+82.09	23.92' LT	6,957.80'	BACK OF CURB AND GUTTER
18	13+87.40	29.88' LT	6,958.22'	TOP OF SIDEWALK
19	13+76.16	23.14' LT	6,957.84'	FLOWLINE CURB AND GUTTER
20	13+76.17	23.80' LT	6,958.34'	BACK OF CURB AND GUTTER

GENERAL SHEET NOTES

1. THE SLOPES SHOWN ON CURB RAMP ARE CONSIDERED TO BE WITHIN 0.1%±.
2. ALL FORMS SHALL BE SET AT 1.5% TYPICAL.
3. BUILD PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
4. BUILD DIAGONAL PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
5. INSTALL DETECTABLE WARNING SURFACE PER NMDOT 608-001 SERIES.
6. THE CONTRACTOR SHALL ENSURE ADA COMPLIANCE FOR CONSTRUCTION OF ALL ADA FEATURES AND APPURTENANCES (INCLUDING BUT NOT LIMITED TO: SIDEWALK AND CURB RAMP SLOPES; LEVEL LANDINGS; ETC) AS DETAILED IN THE PLANS AND IN ACCORDANCE WITH REFERENCED STANDARD DRAWINGS, SPECIFICATIONS AND ESTABLISHED ADA GUIDELINES AND STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD CHECKING SLOPES AND DIMENSIONS OF ALL FORM WORK FOR COMPLIANCE PRIOR TO INSTALLATION OF CONCRETE. THE CITY RESERVES THE RIGHT TO INSPECT ANY ADA FEATURES AND APPURTENANCES AT ANY TIME BEFORE FINAL COMPLETION OF THE PROJECT AND TO HAVE THE CONTRACTOR REMOVE, REPLACE AND/OR CORRECT ANY WORK AT HIS COST THAT IS NOT IN COMPLIANCE AS DETERMINED BY THE PROJECT MANAGER.
7. ADA RAMP LANDINGS SHALL BE MINIMUM 5'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.

LEGEND

- * ADA RAMP LANDING (MAX 2% ANY DIRECTION)
- ** CLEAR ZONE (PROWAG R304.5.5)

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07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

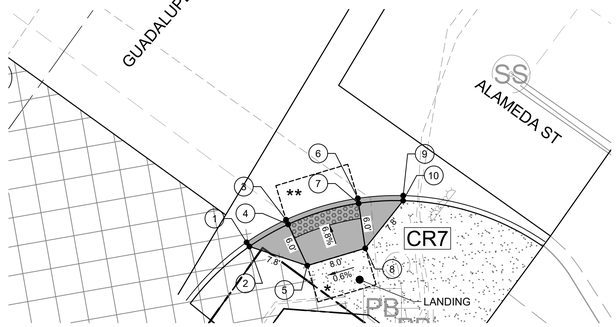
SHEET TITLE

ADA RAMP DETAILS

SHEET NO:

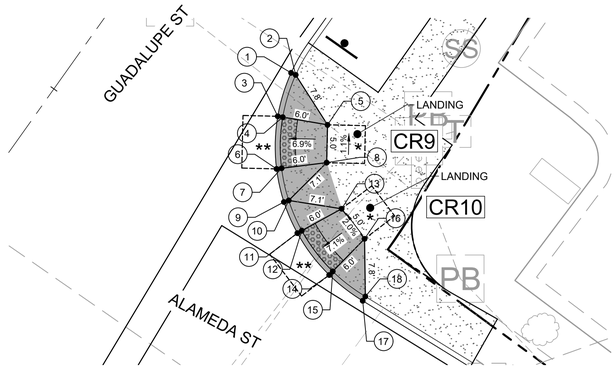
2-37

8/22/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_MSD03.dwg



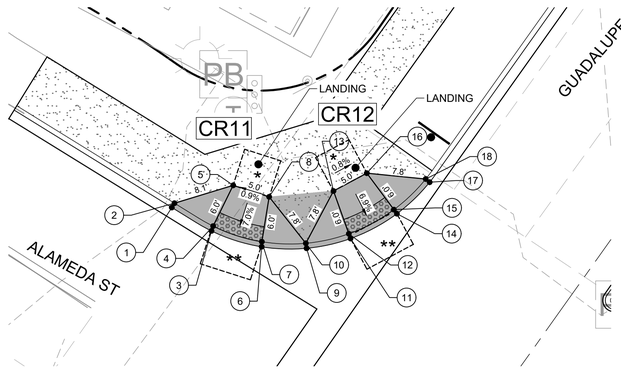
CR7 CURB RAMP @ SE TURNOUT #04 (ALAMEDA ST)

SCALE: 1" = 10'



CR9 CURB RAMP @ NE TURNOUT #04 (ALAMEDA ST)

CR10 SCALE: 1" = 10'



CR11 CURB RAMP @ NW TURNOUT #03 (ALAMEDA ST)

CR12 SCALE: 1" = 10'

CR07 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	13+77.82	34.26' RT	6,958.45'	FLOWLINE CURB AND GUTTER
2	13+77.59	34.89' RT	6,958.95'	BACK OF CURB AND GUTTER
3	13+83.27	36.78' RT	6,958.50'	FLOWLINE CURB AND GUTTER
4	13+82.94	37.36' RT	6,958.50'	BACK OF CURB AND GUTTER
5	13+79.96	42.56' RT	6,958.92'	TOP OF SIDEWALK
6	13+91.07	42.86' RT	6,958.56'	FLOWLINE CURB AND GUTTER
7	13+90.59	43.33' RT	6,958.56'	BACK OF CURB AND GUTTER
8	13+86.26	47.48' RT	6,958.98'	TOP OF SIDEWALK
9	13+94.83	47.54' RT	6,958.56'	FLOWLINE CURB AND GUTTER
10	13+94.28	47.91' RT	6,959.06'	BACK OF CURB AND GUTTER

CR09 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	14+69.88	24.28' RT	6,957.21'	FLOWLINE CURB AND GUTTER
2	14+70.01	24.93' RT	6,957.71'	BACK OF CURB AND GUTTER
3	14+64.19	26.17' RT	6,957.31'	FLOWLINE CURB AND GUTTER
4	14+64.47	26.77' RT	6,957.31'	BACK OF CURB AND GUTTER
5	14+67.07	32.18' RT	6,957.73'	TOP OF SIDEWALK
6	14+58.44	30.06' RT	6,957.41'	FLOWLINE CURB AND GUTTER
7	14+58.89	30.55' RT	6,957.41'	BACK OF CURB AND GUTTER
8	14+62.94	34.97' RT	6,957.83'	TOP OF SIDEWALK
9	14+55.44	33.39' RT	6,957.48'	FLOWLINE CURB AND GUTTER
10	14+55.98	33.78' RT	6,957.98'	BACK OF CURB AND GUTTER

CR10 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
9	14+55.44	33.39' RT	6,957.48'	FLOWLINE CURB AND GUTTER
10	14+55.98	33.78' RT	6,957.98'	BACK OF CURB AND GUTTER
11	14+53.12	37.22' RT	6,957.56'	FLOWLINE CURB AND GUTTER
12	14+53.72	37.51' RT	6,957.56'	BACK OF CURB AND GUTTER
13	14+59.13	40.11' RT	6,957.98'	TOP OF SIDEWALK
14	14+51.06	43.84' RT	6,957.67'	FLOWLINE CURB AND GUTTER
15	14+51.71	43.95' RT	6,957.67'	BACK OF CURB AND GUTTER
16	14+57.64	44.87' RT	6,958.08'	TOP OF SIDEWALK
17	14+50.85	49.42' RT	6,957.74'	FLOWLINE CURB AND GUTTER
18	14+51.51	49.37' RT	6,958.24'	BACK OF CURB AND GUTTER

CR11 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	14+44.39	49.67' LT	6,956.44'	FLOWLINE CURB AND GUTTER
2	14+45.06	49.72' LT	6,956.94'	BACK OF CURB AND GUTTER
3	14+44.89	43.70' LT	6,956.56'	FLOWLINE CURB AND GUTTER
4	14+45.55	43.80' LT	6,956.56'	BACK OF CURB AND GUTTER
5	14+51.47	44.77' LT	6,956.98'	TOP OF SIDEWALK
6	14+47.00	37.08' LT	6,956.60'	FLOWLINE CURB AND GUTTER
7	14+47.60	37.38' LT	6,956.60'	BACK OF CURB AND GUTTER
8	14+52.99	40.02' LT	6,957.02'	TOP OF SIDEWALK
9	14+50.29	32.09' LT	6,956.64'	FLOWLINE CURB AND GUTTER
10	14+50.80	32.52' LT	6,957.14'	BACK OF CURB AND GUTTER

CR12 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
9	14+50.29	32.09' LT	6,956.64'	FLOWLINE CURB AND GUTTER
10	14+50.80	32.52' LT	6,957.14'	BACK OF CURB AND GUTTER
11	14+54.73	28.08' LT	6,956.73'	FLOWLINE CURB AND GUTTER
12	14+55.11	28.62' LT	6,956.73'	BACK OF CURB AND GUTTER
13	14+58.54	33.55' LT	6,957.15'	TOP OF SIDEWALK
14	14+60.95	24.99' LT	6,956.73'	FLOWLINE CURB AND GUTTER
15	14+61.15	25.62' LT	6,956.73'	BACK OF CURB AND GUTTER
16	14+63.00	31.33' LT	6,957.15'	TOP OF SIDEWALK
17	14+66.84	23.88' LT	6,956.74'	FLOWLINE CURB AND GUTTER
18	14+66.88	24.54' LT	6,957.24'	BACK OF CURB AND GUTTER

GENERAL SHEET NOTES

1. THE SLOPES SHOWN ON CURB RAMP ARE CONSIDERED TO BE WITHIN 0.1%±.
2. ALL FORMS SHALL BE SET AT 1.5% TYPICAL.
3. BUILD PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
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SHEET TITLE

ADA RAMP DETAILS

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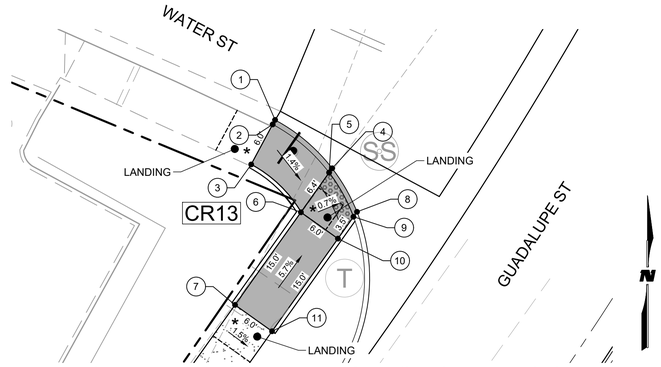
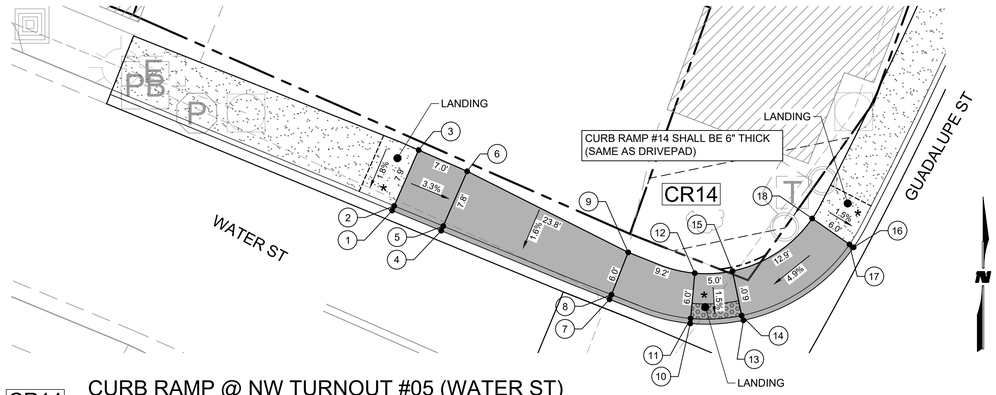
8/22/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1176085_MSD03.dwg



CR13 CURB RAMP @ SW TURNOUT #05 (WATER ST)

SCALE: 1" = 10'

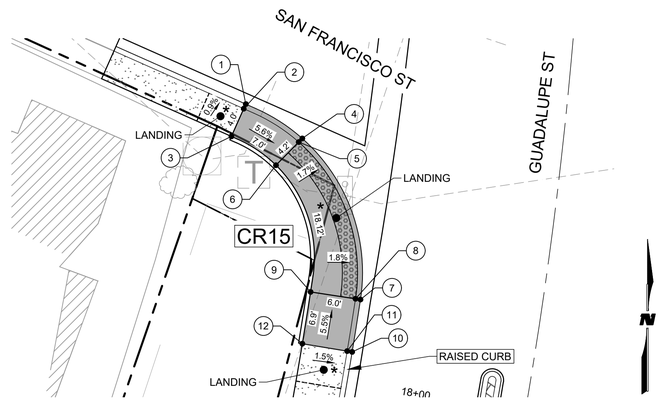
CR13 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	15+61.22	50.17' LT	6,955.05'	FLOWLINE CURB AND GUTTER
2	15+60.49	50.11' LT	6,955.55'	BACK OF CURB AND GUTTER
3	15+53.96	49.52' LT	6,955.66'	BACK OF SIDEWALK
4	15+59.97	40.36' LT	6,955.42'	FLOWLINE CURB AND GUTTER
5	15+59.22	40.38' LT	6,955.43'	BACK OF CURB AND GUTTER
6	15+52.31	40.54' LT	6,955.54'	TOP OF SIDEWALK
7	15+36.56	40.63' LT	6,956.45'	TOP OF SIDEWALK
8	15+56.81	34.45' LT	6,955.53'	FLOWLINE CURB AND GUTTER
9	15+55.96	34.47' LT	6,955.75'	BACK OF CURB AND GUTTER
10	15+52.08	35.54' LT	6,955.56'	TOP OF SIDEWALK
11	15+36.56	34.63' LT	6,956.36'	TOP OF SIDEWALK



CR14 CURB RAMP @ NW TURNOUT #05 (WATER ST)

SCALE: 1" = 10'

CR14 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	15+90.18	79.57' LT	6954.30'	FLOWLINE CURB AND GUTTER
2	15+90.95	79.65' LT	6954.80'	BACK OF CURB AND GUTTER
3	16+00.22	80.55' LT	6954.92'	BACK OF SIDEWALK
4	15+91.32	72.63' LT	6954.49'	FLOWLINE CURB AND GUTTER
5	15+92.08	72.71' LT	6954.49'	BACK OF CURB AND GUTTER
6	16+01.06	73.59' LT	6954.61'	BACK OF SIDEWALK
7	15+95.12	48.87' LT	6,955.14'	FLOWLINE CURB AND GUTTER
8	15+95.84	48.97' LT	6,955.14'	BACK OF CURB AND GUTTER
9	16+02.33	49.82' LT	6,955.23'	BACK OF SIDEWALK
10	15+97.88	38.07' LT	6,955.50'	FLOWLINE CURB AND GUTTER
11	15+98.53	38.35' LT	6,955.50'	BACK OF CURB AND GUTTER
12	16+04.40	40.82' LT	6,955.59'	BACK OF SIDEWALK
13	16+01.89	32.25' LT	6,955.61'	FLOWLINE CURB AND GUTTER
14	16+02.42	32.68' LT	6,955.61'	BACK OF CURB AND GUTTER
15	16+07.25	36.60' LT	6,955.70'	BACK OF SIDEWALK
16	16+18.18	24.02' LT	6,955.83'	FLOWLINE CURB AND GUTTER
17	16+18.27	24.68' LT	6,956.33'	BACK OF CURB AND GUTTER
18	16+19.04	30.63' LT	6,956.42'	BACK OF SIDEWALK



CR15 CURB RAMP @ SW TURNOUT #07 (SAN FRANCISCO ST)

SCALE: 1" = 10'

CR15 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	18+36.48	42.18' LT	6,957.13	FLOWLINE CURB AND GUTTER
2	18+35.79	42.39' LT	6,957.63'	BACK OF CURB AND GUTTER
3	18+31.67	43.59' LT	6,957.57'	BACK OF SIDEWALK
4	18+32.54	34.26' LT	6,957.06'	FLOWLINE CURB AND GUTTER
5	18+31.98	34.67' LT	6,957.07'	BACK OF CURB AND GUTTER
6	18+28.36	37.30' LT	6,957.11'	BACK OF SIDEWALK
7	18+11.42	23.83' LT	6,956.85'	FLOWLINE CURB AND GUTTER
8	18+11.42	24.50' LT	6,956.85'	BACK OF CURB AND GUTTER
9	18+11.42	30.50' LT	6,956.95'	BACK OF SIDEWALK
10	18+04.12	23.83' LT	6,956.76'	FLOWLINE CURB AND GUTTER
11	18+04.12	24.50' LT	6,957.26'	BACK OF CURB AND GUTTER
12	18+04.12	30.50' LT	6,957.35'	BACK OF SIDEWALK

GENERAL SHEET NOTES

1. THE SLOPES SHOWN ON CURB RAMP ARE CONSIDERED TO BE WITHIN 0.1%±.
2. ALL FORMS SHALL BE SET AT 1.5% TYPICAL.
3. BUILD PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
4. BUILD DIAGONAL PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
5. INSTALL DETECTABLE WARNING SURFACE PER NMDOT 608-001 SERIES.
6. THE CONTRACTOR SHALL ENSURE ADA COMPLIANCE FOR CONSTRUCTION OF ALL ADA FEATURES AND APPURTENANCES (INCLUDING BUT NOT LIMITED TO: SIDEWALK AND CURB RAMP SLOPES; LEVEL LANDINGS; ETC) AS DETAILED IN THE PLANS AND IN ACCORDANCE WITH REFERENCED STANDARD DRAWINGS, SPECIFICATIONS AND ESTABLISHED ADA GUIDELINES AND STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD CHECKING SLOPES AND DIMENSIONS OF ALL FORM WORK FOR COMPLIANCE PRIOR TO INSTALLATION OF CONCRETE. THE CITY RESERVES THE RIGHT TO INSPECT ANY ADA FEATURES AND APPURTENANCES AT ANY TIME BEFORE FINAL COMPLETION OF THE PROJECT AND TO HAVE THE CONTRACTOR REMOVE, REPLACE AND/OR CORRECT ANY WORK AT HIS COST THAT IS NOT IN COMPLIANCE AS DETERMINED BY THE PROJECT MANAGER.
7. ADA RAMP LANDINGS SHALL BE MINIMUM 5'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.
8. CURB RAMP #14 SHALL BE 6" THICK (SAME AS DRIVEPAD).

LEGEND

- * ADA RAMP LANDING (MAX 2% ANY DIRECTION)
- ** CLEAR ZONE (PROWAG R304.5.5)

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
15703
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

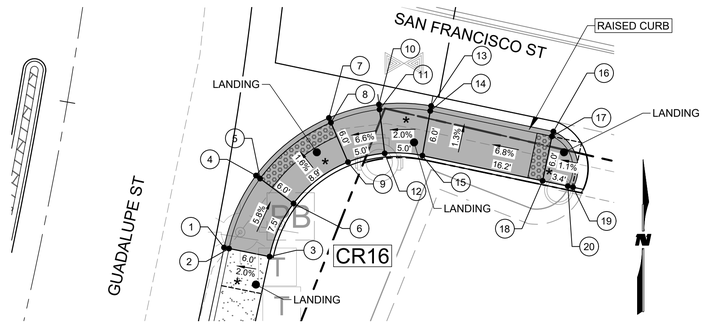
SHEET TITLE

ADA RAMP DETAILS

SHEET NO:

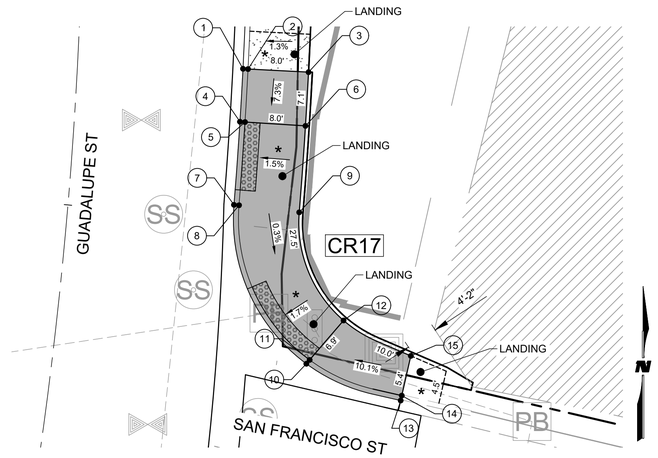
2-39

8/22/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 21176085_MSD03.dwg



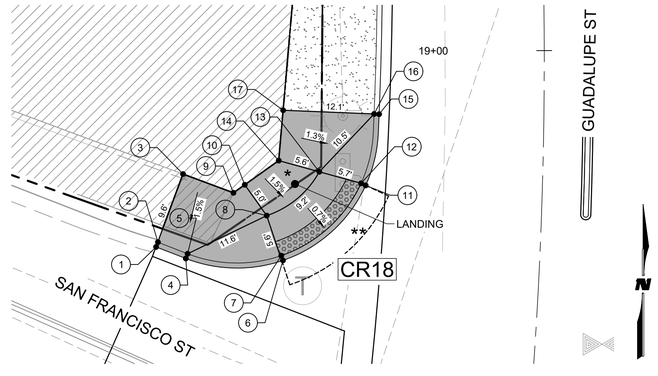
CR16 CURB RAMP @ SE TURNOUT #06 (SAN FRANCISCO ST)

SCALE: 1" = 10'



CR17 CURB RAMP @ NE TURNOUT #06 (SAN FRANCISCO ST)

SCALE: 1" = 10'



CR18 CURB RAMP @ NW TURNOUT #07 (SAN FRANCISCO ST)

SCALE: 1" = 10'

CR16 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	17+85.21	23.83' RT	6,956.57'	FLOWLINE CURB AND GUTTER
2	17+85.21	24.50' RT	6,957.07'	BACK OF CURB AND GUTTER
3	17+85.21	29.96' RT	6,957.15'	BACK OF SIDEWALK
4	17+94.91	26.20' RT	6,956.57'	FLOWLINE CURB AND GUTTER
5	17+94.63	26.80' RT	6,956.57'	BACK OF CURB AND GUTTER
6	17+92.32	31.74' RT	6,956.65'	BACK OF SIDEWALK
7	18+03.60	34.38' RT	6,956.77'	FLOWLINE CURB AND GUTTER
8	18+03.07	34.74' RT	6,956.77'	BACK OF CURB AND GUTTER
9	17+98.58	37.84' RT	6,956.85'	BACK OF SIDEWALK
10	18+06.25	40.61' RT	6,957.23'	FLOWLINE CURB AND GUTTER
11	18+05.65	40.79' RT	6,957.18'	BACK OF CURB AND GUTTER
12	18+00.42	42.42' RT	6,957.27'	BACK OF SIDEWALK
13	18+07.08	47.44' RT	6,957.69'	FLOWLINE CURB AND GUTTER
14	18+06.46	47.43' RT	6,957.28'	BACK OF CURB AND GUTTER
15	18+00.93	47.36' RT	6,957.37'	BACK OF SIDEWALK
16	18+06.38	63.91' RT	6,958.39'	FLOWLINE CURB AND GUTTER
17	18+05.78	63.82' RT	6,958.39'	BACK OF CURB AND GUTTER
18	18+00.38	63.57' RT	6,958.48'	BACK OF SIDEWALK
19	18+00.25	67.67' RT	6,958.33'	FLOWLINE CURB AND GUTTER
20	18+00.27	66.97' RT	6,958.33'	BACK OF CURB AND GUTTER

CR17 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	18+69.13	21.83' RT	6,957.44'	FLOWLINE CURB AND GUTTER
2	18+69.13	22.50' RT	6,957.94'	BACK OF CURB AND GUTTER
3	18+69.13	30.50' RT	6,958.06'	BACK OF SIDEWALK
4	18+62.39	21.83' RT	6,957.40'	FLOWLINE CURB AND GUTTER
5	18+62.39	22.50' RT	6,957.40'	BACK OF CURB AND GUTTER
6	18+62.39	30.50' RT	6,957.51'	BACK OF SIDEWALK
7	18+51.79	21.83' RT	6,957.29'	FLOWLINE CURB AND GUTTER
8	18+51.79	22.50' RT	6,957.29'	BACK OF CURB AND GUTTER
9	18+51.52	30.50' RT	6,957.41'	BACK OF SIDEWALK
10	18+32.76	33.39' RT	6,957.36'	FLOWLINE CURB AND GUTTER
11	18+33.28	33.76' RT	6,957.36'	BACK OF CURB AND GUTTER
12	18+38.61	37.65' RT	6,957.46'	BACK OF SIDEWALK
13	18+29.61	46.32' RT	6,958.12'	FLOWLINE CURB AND GUTTER
14	18+30.22	46.39' RT	6,958.62'	BACK OF CURB AND GUTTER
15	18+35.17	46.97' RT	6,958.65'	BACK OF SIDEWALK

CR18 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	18+71.72	50.65' LT	6,956.29'	FLOWLINE CURB AND GUTTER
2	18+72.41	50.44' LT	6,956.79'	BACK OF CURB AND GUTTER
3	18+82.36	47.46' LT	6,956.93'	BACK OF SIDEWALK
4	18+70.27	46.66' LT	6,956.56'	FLOWLINE CURB AND GUTTER
5	18+70.95	46.45' LT	6,957.06'	BACK OF CURB AND GUTTER
6	18+70.60	33.99' LT	6,957.49'	FLOWLINE CURB AND GUTTER
7	18+71.26	34.23' LT	6,957.49'	BACK OF CURB AND GUTTER
8	18+76.85	36.24' LT	6,957.38'	TOP OF SIDEWALK
9	18+79.90	40.74' LT	6,957.42'	BACK OF SIDEWALK
10	18+81.10	39.27' LT	6,957.45'	BACK OF SIDEWALK
11	18+81.52	23.32' LT	6,957.27'	FLOWLINE CURB AND GUTTER
12	18+81.79	23.93' LT	6,957.27'	BACK OF CURB AND GUTTER
13	18+83.22	29.49' LT	6,957.45'	TOP OF SIDEWALK
14	18+84.64	34.88' LT	6,957.53'	BACK OF SIDEWALK
15	18+91.34	21.75' LT	6,957.47'	FLOWLINE CURB AND GUTTER
16	18+91.36	22.41' LT	6,957.97'	BACK OF CURB AND GUTTER
17	18+91.71	34.43' LT	6,958.00'	BACK OF SIDEWALK

GENERAL SHEET NOTES

1. THE SLOPES SHOWN ON CURB RAMP ARE CONSIDERED TO BE WITHIN 0.1%±.
2. ALL FORMS SHALL BE SET AT 1.5% TYPICAL.
3. BUILD PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
4. BUILD DIAGONAL PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
5. INSTALL DETECTABLE WARNING SURFACE PER NMDOT 608-001 SERIES.
6. THE CONTRACTOR SHALL ENSURE ADA COMPLIANCE FOR CONSTRUCTION OF ALL ADA FEATURES AND APPURTENANCES (INCLUDING BUT NOT LIMITED TO: SIDEWALK AND CURB RAMP SLOPES; LEVEL LANDINGS; ETC) AS DETAILED IN THE PLANS AND IN ACCORDANCE WITH REFERENCED STANDARD DRAWINGS, SPECIFICATIONS AND ESTABLISHED ADA GUIDELINES AND STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD CHECKING SLOPES AND DIMENSIONS OF ALL FORM WORK FOR COMPLIANCE PRIOR TO INSTALLATION OF CONCRETE. THE CITY RESERVES THE RIGHT TO INSPECT ANY ADA FEATURES AND APPURTENANCES AT ANY TIME BEFORE FINAL COMPLETION OF THE PROJECT AND TO HAVE THE CONTRACTOR REMOVE, REPLACE AND/OR CORRECT ANY WORK AT HIS COST THAT IS NOT IN COMPLIANCE AS DETERMINED BY THE PROJECT MANAGER.
7. ADA RAMP LANDINGS SHALL BE MINIMUM 5'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.

LEGEND

- * ADA RAMP LANDING (MAX 2% ANY DIRECTION)
- ** CLEAR ZONE (PROWAG R304.5.5)

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
23782
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

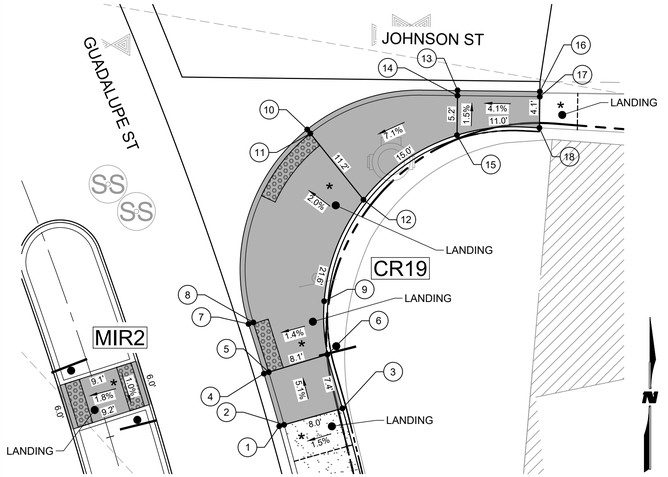
SHEET TITLE

ADA RAMP DETAILS

SHEET NO:

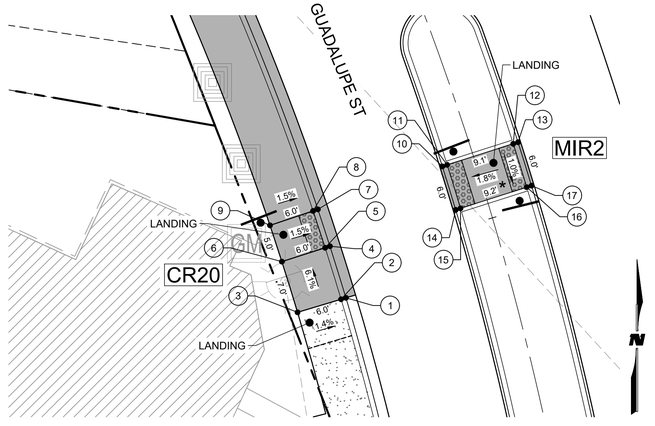
2-40

8/22/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_MSD03.dwg



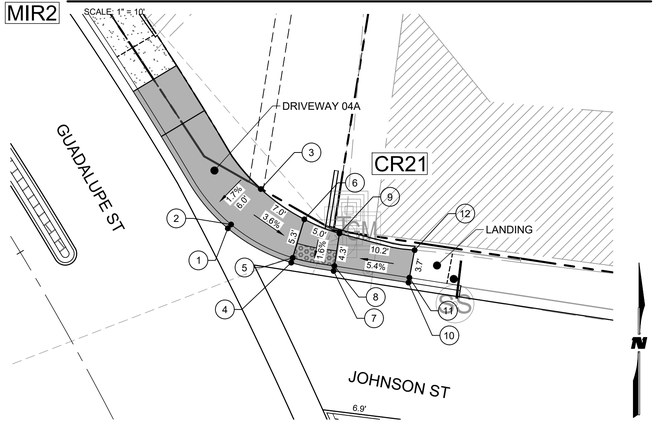
CR19 CURB RAMP @ SE TURNOUT #08 (JOHNSON ST)

SCALE: 1" = 10'



CR20 MIR2 CURB RAMP @ SW TURNOUT #08 (JOHNSON ST)

SCALE: 1" = 10'



CR21 CURB RAMP @ NE TURNOUT #08 (JOHNSON ST)

SCALE: 1" = 10'

CR19 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	21+45.29	21.83' RT	6,960.35'	FLOWLINE CURB AND GUTTER
2	21+45.29	22.50' RT	6,960.85'	BACK OF CURB AND GUTTER
3	21+45.29	30.50' RT	6,960.96'	BACK OF SIDEWALK
4	21+52.14	21.83' RT	6,960.44'	FLOWLINE CURB AND GUTTER
5	21+52.14	22.50' RT	6,960.44'	BACK OF CURB AND GUTTER
6	21+52.14	30.56' RT	6,960.56'	BACK OF SIDEWALK
7	21+58.64	21.83' RT	6,960.51'	FLOWLINE CURB AND GUTTER
8	21+58.64	22.50' RT	6,960.51'	BACK OF CURB AND GUTTER
9	21+58.48	32.26' RT	6,960.66'	BACK OF SIDEWALK
10	21+78.82	37.59' RT	6,960.69'	FLOWLINE CURB AND GUTTER
11	21+78.24	37.79' RT	6,960.69'	BACK OF CURB AND GUTTER
12	21+68.59	41.42' RT	6,960.86'	BACK OF SIDEWALK
13	21+76.91	57.97' RT	6,961.70'	FLOWLINE CURB AND GUTTER
14	21+76.37	57.74' RT	6,962.03'	BACK OF CURB AND GUTTER
15	21+72.10	55.89' RT	6,962.00'	BACK OF SIDEWALK
16	21+73.57	68.13' RT	6,962.20'	FLOWLINE CURB AND GUTTER
17	21+73.04	67.70' RT	6,962.70'	BACK OF CURB AND GUTTER
18	21+69.74	66.47' RT	6,962.46'	BACK OF SIDEWALK

CR20 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	21+45.10	21.50' LT	6,959.65'	FLOWLINE CURB AND GUTTER
2	21+45.09	22.17' LT	6,960.15'	BACK OF CURB AND GUTTER
3	21+44.98	28.17' LT	6,960.24'	BACK OF SIDEWALK
4	21+52.64	21.61' LT	6,959.72'	FLOWLINE CURB AND GUTTER
5	21+52.52	22.28' LT	6,959.72'	BACK OF CURB AND GUTTER
6	21+52.52	28.28' LT	6,959.81'	BACK OF SIDEWALK
7	21+58.05	21.69' LT	6,959.77'	FLOWLINE CURB AND GUTTER
8	21+58.04	22.36' LT	6,959.77'	BACK OF CURB AND GUTTER
9	21+57.94	28.36' LT	6,959.86'	BACK OF SIDEWALK

MIR2 MEDIAN ISLAND RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
10	21+58.48	4.32' LT	6,960.33'	FLOWLINE OF CURB AND GUTTER
11	21+58.48	3.65' LT	6,960.33'	BACK OF CURB AND GUTTER
12	21+58.48	5.50' RT	6,960.50'	BACK OF CURB AND GUTTER
13	21+58.48	6.17' RT	6,960.50'	FLOWLINE OF CURB AND GUTTER
14	21+52.42	4.34' LT	6,960.27'	FLOWLINE OF CURB AND GUTTER
15	21+52.43	3.67' LT	6,960.27'	BACK OF CURB AND GUTTER
16	21+52.57	5.50' RT	6,960.44'	BACK OF CURB AND GUTTER
17	21+52.58	6.17' RT	6,960.44'	FLOWLINE OF CURB AND GUTTER

CR21 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	22+39.30	25.27' RT	6,960.87'	FLOWLINE CURB AND GUTTER
2	22+39.52	25.89' RT	6,961.30'	BACK OF CURB AND GUTTER
3	22+41.51	31.61' RT	6,961.41'	BACK OF SIDEWALK
4	22+31.82	30.41' RT	6,961.01'	FLOWLINE CURB AND GUTTER
5	22+32.26	30.88' RT	6,961.01'	BACK OF CURB AND GUTTER
6	22+35.69	34.66' RT	6,961.10'	BACK OF SIDEWALK
7	22+28.50	34.83' RT	6,961.10'	FLOWLINE CURB AND GUTTER
8	22+28.99	35.22' RT	6,961.10'	BACK OF CURB AND GUTTER
9	22+32.17	37.84' RT	6,961.17'	BACK OF SIDEWALK
10	22+23.11	42.89' RT	6,961.29'	FLOWLINE CURB AND GUTTER
11	22+23.58	43.29' RT	6,961.63'	BACK OF CURB AND GUTTER
12	22+26.20	45.57' RT	6,961.71'	BACK OF SIDEWALK

GENERAL SHEET NOTES

1. THE SLOPES SHOWN ON CURB RAMP ARE CONSIDERED TO BE WITHIN 0.1%±.
2. ALL FORMS SHALL BE SET AT 1.5% TYPICAL.
3. BUILD PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
4. BUILD DIAGONAL PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
5. INSTALL DETECTABLE WARNING SURFACE PER NMDOT 608-001 SERIES.
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7. ADA RAMP LANDINGS SHALL BE MINIMUM 5'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.

LEGEND

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- ** CLEAR ZONE (PROWAG R304.5.5)

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ADA RAMP DETAILS

SHEET NO:
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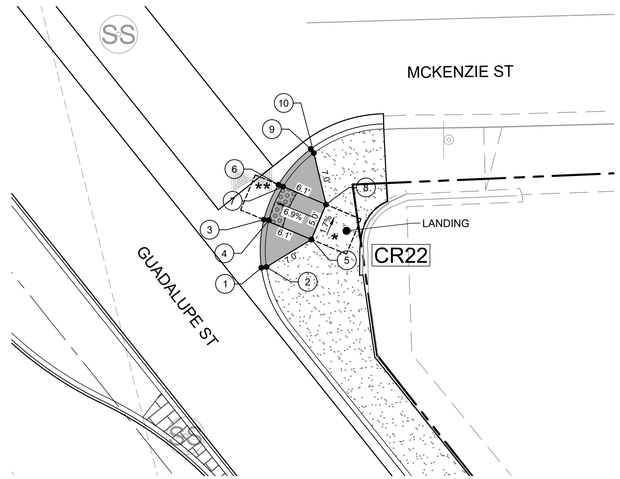
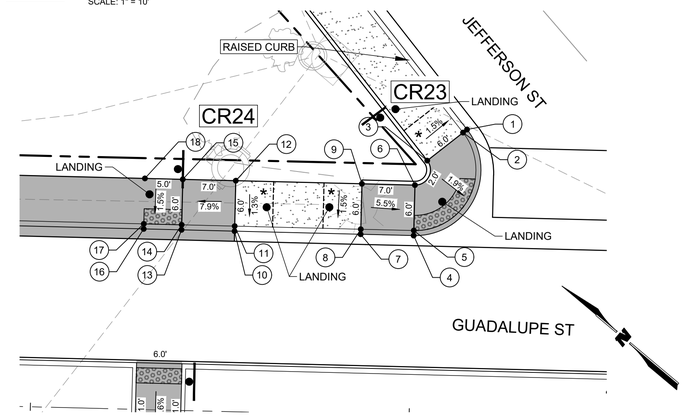
8/22/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_MSD03.dwg



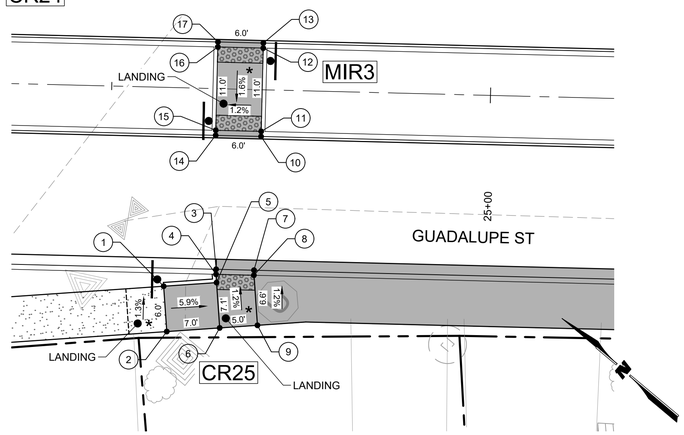
CR22 CURB RAMP @ SE TURNOUT #09 (MCKENZIE ST)

SCALE: 1" = 10'



CR23 CR24 CURB RAMP @ NE TURNOUT #10 (JEFFERSON ST)

SCALE: 1" = 10'



CR25 MIR3 CURB RAMP @ NW TURNOUT #10 (JEFFERSON ST)

SCALE: 1" = 10'

CR22 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	24+18.57	26.16' RT	6,960.34'	FLOWLINE CURB AND GUTTER
2	24+18.23	26.73' RT	6,960.84'	BACK OF CURB AND GUTTER
3	24+23.32	30.37' RT	6,960.51'	FLOWLINE CURB AND GUTTER
4	24+22.73	30.70' RT	6,960.52'	BACK OF CURB AND GUTTER
5	24+17.37	33.65' RT	6,960.94'	TOP OF SIDEWALK
6	24+25.73	34.75' RT	6,960.60'	FLOWLINE CURB AND GUTTER
7	24+25.14	35.08' RT	6,960.61'	BACK OF CURB AND GUTTER
8	24+19.78	38.03' RT	6,961.03'	TOP OF SIDEWALK

CR23 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	24+93.29	38.00' RT	6,959.58'	FLOWLINE CURB AND GUTTER
2	24+93.81	37.58' RT	6,960.01'	BACK OF CURB AND GUTTER
3	24+98.44	33.77' RT	6,959.67'	BACK OF SIDEWALK
4	24+99.99	23.83' RT	6,959.76'	FLOWLINE CURB AND GUTTER
5	24+99.99	24.50' RT	6,959.76'	BACK OF CURB AND GUTTER
6	24+99.99	30.50' RT	6,959.85'	BACK OF SIDEWALK
7	25+06.99	23.83' RT	6,959.66'	FLOWLINE CURB AND GUTTER
8	25+06.99	24.50' RT	6,960.16'	BACK OF CURB AND GUTTER
9	25+06.99	30.50' RT	6,960.25'	BACK OF SIDEWALK

CR24 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
10	25+23.63	23.83' RT	6,959.50'	FLOWLINE CURB AND GUTTER
11	25+23.63	24.50' RT	6,960.00'	BACK OF CURB AND GUTTER
12	25+23.63	30.50' RT	6,960.09'	BACK OF SIDEWALK
13	25+30.63	23.83' RT	6,959.43'	FLOWLINE CURB AND GUTTER
14	25+30.63	24.50' RT	6,959.43'	BACK OF CURB AND GUTTER
15	25+30.63	30.50' RT	6,959.52'	BACK OF SIDEWALK
16	25+35.63	23.83' RT	6,959.38'	FLOWLINE CURB AND GUTTER
17	25+35.63	24.50' RT	6,959.38'	BACK OF CURB AND GUTTER
18	25+35.63	30.50' RT	6,959.47'	BACK OF SIDEWALK

CR25 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	25+42.50	26.24' LT	6,959.31'	FRONT OF SIDEWALK
2	25+41.94	32.22' LT	6,959.39'	BACK OF SIDEWALK
3	25+35.63	23.83' LT	6,958.84'	FLOWLINE CURB AND GUTTER
4	25+35.63	24.50' LT	6,958.84'	BACK OF CURB AND GUTTER
5	25+35.53	25.59' LT	6,958.85'	BACK OF SIDEWALK
6	25+34.97	31.56' LT	6,958.94'	FLOWLINE CURB AND GUTTER
7	25+30.61	23.83' LT	6,958.91'	BACK OF CURB AND GUTTER
8	25+30.61	24.50' LT	6,958.91'	BACK OF SIDEWALK
9	25+29.99	31.10' LT	6,958.97'	BACK OF SIDEWALK

MIR3 MEDIAN ISLAND RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
10	25+30.13	6.17' LT	6,959.65'	FLOWLINE OF CURB AND GUTTER
11	25+30.13	5.50' LT	6,959.65'	BACK OF CURB AND GUTTER
12	25+30.13	5.50' RT	6,959.83'	BACK OF CURB AND GUTTER
13	25+30.13	6.17' RT	6,959.83'	FLOWLINE OF CURB AND GUTTER
14	25+36.13	6.17' LT	6,959.58'	FLOWLINE OF CURB AND GUTTER
15	25+36.13	5.50' LT	6,959.58'	BACK OF CURB AND GUTTER
16	25+36.13	5.50' RT	6,959.77'	BACK OF CURB AND GUTTER
17	25+36.13	6.17' RT	6,959.77'	FLOWLINE OF CURB AND GUTTER

GENERAL SHEET NOTES

1. THE SLOPES SHOWN ON CURB RAMP ARE CONSIDERED TO BE WITHIN 0.1%±.
2. ALL FORMS SHALL BE SET AT 1.5% TYPICAL.
3. BUILD PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
4. BUILD DIAGONAL PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
5. INSTALL DETECTABLE WARNING SURFACE PER NMDOT 608-001 SERIES.
6. THE CONTRACTOR SHALL ENSURE ADA COMPLIANCE FOR CONSTRUCTION OF ALL ADA FEATURES AND APPURTENANCES (INCLUDING BUT NOT LIMITED TO: SIDEWALK AND CURB RAMP SLOPES; LEVEL LANDINGS; ETC) AS DETAILED IN THE PLANS AND IN ACCORDANCE WITH REFERENCED STANDARD DRAWINGS, SPECIFICATIONS AND ESTABLISHED ADA GUIDELINES AND STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD CHECKING SLOPES AND DIMENSIONS OF ALL FORM WORK FOR COMPLIANCE PRIOR TO INSTALLATION OF CONCRETE. THE CITY RESERVES THE RIGHT TO INSPECT ANY ADA FEATURES AND APPURTENANCES AT ANY TIME BEFORE FINAL COMPLETION OF THE PROJECT AND TO HAVE THE CONTRACTOR REMOVE, REPLACE AND/OR CORRECT ANY WORK AT HIS COST THAT IS NOT IN COMPLIANCE AS DETERMINED BY THE PROJECT MANAGER.
7. ADA RAMP LANDINGS SHALL BE MINIMUM 5'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.

LEGEND

- * ADA RAMP LANDING (MAX 2% ANY DIRECTION)
- ** CLEAR ZONE (PROWAG R304.5.5)

WILSON & COMPANY
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CONSULTANTS

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PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

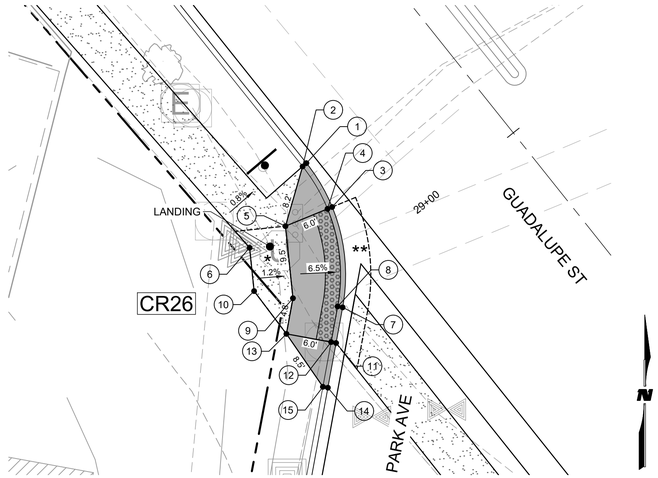
SHEET TITLE

ADA RAMP DETAILS

SHEET NO:

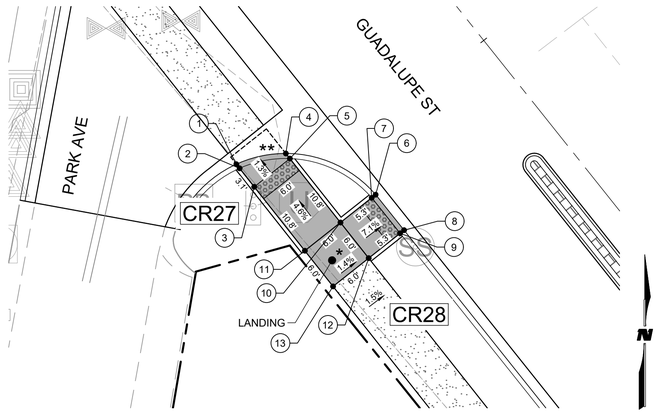
2-42

8/22/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 21\76085_MSD03.dwg



CR26 CURB RAMP @ NW TURNOUT #12 (PARK AVE)

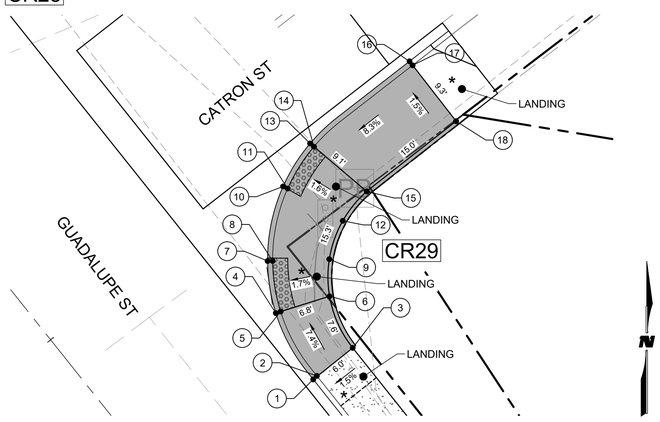
SCALE: 1" = 10'



CR27 CURB RAMP @ SW TURNOUT #12 (PARK AVE)

CR28

SCALE: 1" = 10'



CR29 CURB RAMP @ SE TURNOUT #11 (CATRON ST)

SCALE: 1" = 10'

CR26 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	29+13.90	23.83' LT	6,953.71'	FLOWLINE CURB AND GUTTER
2	29+13.87	24.50' LT	6,954.21'	BACK OF CURB AND GUTTER
3	29+07.25	24.78' LT	6,953.81'	FLOWLINE CURB AND GUTTER
4	29+07.44	25.42' LT	6,953.81'	BACK OF CURB AND GUTTER
5	29+09.13	31.18' LT	6,954.23'	TOP OF SIDEWALK
6	29+09.85	36.66' LT	6,954.20'	BACK OF SIDEWALK
7	28+96.04	31.97' LT	6,953.96'	FLOWLINE CURB AND GUTTER
8	28+96.54	32.40' LT	6,953.96'	BACK OF CURB AND GUTTER
9	29+01.09	36.33' LT	6,954.38'	TOP OF SIDEWALK
10	29+05.00	39.76' LT	6,954.46'	BACK OF SIDEWALK
11	28+92.90	35.57' LT	6,953.97'	FLOWLINE CURB AND GUTTER
12	28+93.41	36.01' LT	6,954.43'	BACK OF CURB AND GUTTER
13	28+97.93	39.95' LT	6,954.75'	BACK OF CURB AND GUTTER
14	28+88.96	40.10' LT	6,954.01'	BACK OF CURB AND GUTTER
15	28+89.47	40.54' LT	6,954.51'	BACK OF CURB AND GUTTER

CR27 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	28+57.59	35.71' LT	6,954.67'	FLOWLINE CURB AND GUTTER
2	28+56.90	35.71' LT	6,954.67'	BACK OF CURB AND GUTTER
3	28+53.79	35.72' LT	6,954.68'	TOP OF SIDEWALK
4	28+54.63	29.72' LT	6,954.56'	FLOWLINE CURB AND GUTTER
5	28+53.76	29.72' LT	6,954.76'	BACK OF CURB AND GUTTER
10	28+43.01	29.80' LT	6,955.09'	TOP OF SIDEWALK
11	28+43.03	35.76' LT	6,955.13'	BACK OF SIDEWALK
12	28+37.01	29.79' LT	6,955.15'	TOP OF SIDEWALK
13	28+37.03	35.79' LT	6,955.24'	BACK OF SIDEWALK

CR28 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
6	28+42.98	23.83' LT	6,954.69'	FLOWLINE CURB AND GUTTER
7	28+42.99	24.50' LT	6,954.71'	BACK OF CURB AND GUTTER
8	28+36.98	23.83' LT	6,954.78'	FLOWLINE CURB AND GUTTER
9	28+36.99	24.50' LT	6,954.78'	BACK OF CURB AND GUTTER
10	28+43.01	29.80' LT	6,955.09'	TOP OF SIDEWALK
11	28+43.03	35.76' LT	6,955.13'	BACK OF SIDEWALK
12	28+37.01	29.79' LT	6,955.15'	TOP OF SIDEWALK
13	28+37.03	35.79' LT	6,955.24'	BACK OF SIDEWALK

CR29 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	28+24.30	23.83' RT	6,954.79'	FLOWLINE CURB AND GUTTER
2	28+24.30	24.50' RT	6,955.29'	BACK OF CURB AND GUTTER
3	28+24.30	30.50' RT	6,955.38'	BACK OF SIDEWALK
4	28+34.22	25.43' RT	6,954.64'	FLOWLINE CURB AND GUTTER
5	28+33.98	26.05' RT	6,954.64'	BACK OF CURB AND GUTTER
6	28+31.54	32.36' RT	6,954.78'	BACK OF SIDEWALK
7	28+40.58	29.11' RT	6,954.78'	FLOWLINE CURB AND GUTTER
8	28+40.16	29.63' RT	6,954.78'	BACK OF CURB AND GUTTER
9	28+35.44	35.45' RT	6,954.90'	BACK OF SIDEWALK
10	28+46.65	36.54' RT	6,954.95'	FLOWLINE CURB AND GUTTER
11	28+46.06	36.85' RT	6,954.95'	BACK OF CURB AND GUTTER
12	28+38.24	39.96' RT	6,955.09'	BACK OF SIDEWALK
13	28+48.90	42.93' RT	6,955.07'	FLOWLINE CURB AND GUTTER
14	28+48.25	43.06' RT	6,955.07'	BACK OF CURB AND GUTTER
15	28+39.28	44.82' RT	6,955.22'	BACK OF SIDEWALK
16	28+49.19	59.95' RT	6,955.82'	FLOWLINE CURB AND GUTTER
17	28+48.52	59.95' RT	6,956.32'	BACK OF CURB AND GUTTER
18	28+39.18	59.82' RT	6,956.46'	BACK OF SIDEWALK

GENERAL SHEET NOTES

1. THE SLOPES SHOWN ON CURB RAMP ARE CONSIDERED TO BE WITHIN 0.1%±.
2. ALL FORMS SHALL BE SET AT 1.5% TYPICAL.
3. BUILD PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
4. BUILD DIAGONAL PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
5. INSTALL DETECTABLE WARNING SURFACE PER NMDOT 608-001 SERIES.
6. THE CONTRACTOR SHALL ENSURE ADA COMPLIANCE FOR CONSTRUCTION OF ALL ADA FEATURES AND APPURTENANCES (INCLUDING BUT NOT LIMITED TO: SIDEWALK AND CURB RAMP SLOPES; LEVEL LANDINGS; ETC) AS DETAILED IN THE PLANS AND IN ACCORDANCE WITH REFERENCED STANDARD DRAWINGS, SPECIFICATIONS AND ESTABLISHED ADA GUIDELINES AND STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD CHECKING SLOPES AND DIMENSIONS OF ALL FORM WORK FOR COMPLIANCE PRIOR TO INSTALLATION OF CONCRETE. THE CITY RESERVES THE RIGHT TO INSPECT ANY ADA FEATURES AND APPURTENANCES AT ANY TIME BEFORE FINAL COMPLETION OF THE PROJECT AND TO HAVE THE CONTRACTOR REMOVE, REPLACE AND/OR CORRECT ANY WORK AT HIS COST THAT IS NOT IN COMPLIANCE AS DETERMINED BY THE PROJECT MANAGER.
7. ADA RAMP LANDINGS SHALL BE MINIMUM 5'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.

LEGEND

- * ADA RAMP LANDING (MAX 2% ANY DIRECTION)
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
16278
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

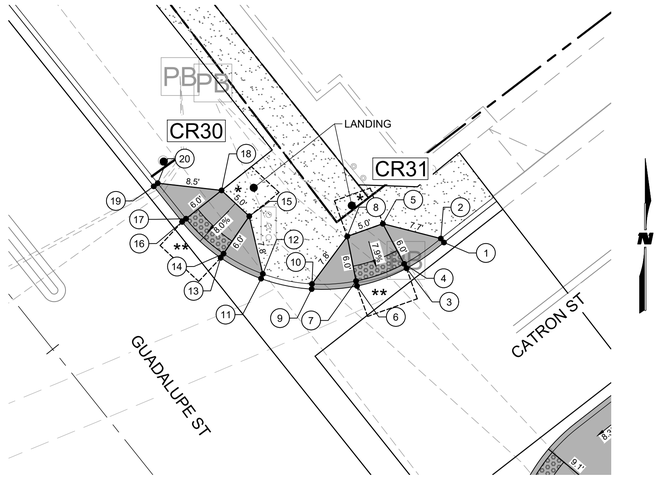
SHEET TITLE

ADA RAMP DETAILS

SHEET NO:

2-43

8/22/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_MSD03.dwg

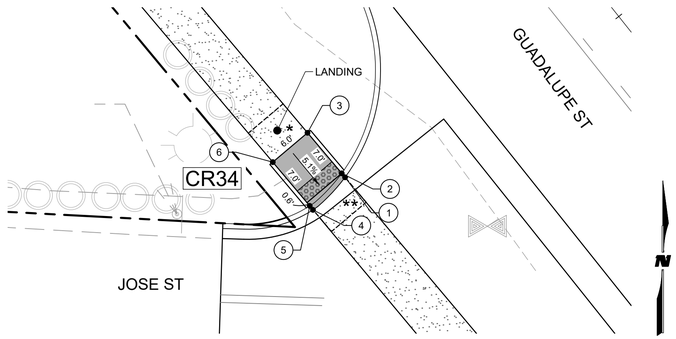


CR30 CR31 CURB RAMP @ NE TURNOUT #11 (CATRON ST)

SCALE: 1" = 10'

CR30 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	28+78.80	49.16' RT	6,954.54'	FLOWLINE CURB AND GUTTER
2	28+79.47	49.16' RT	6,955.04'	BACK OF CURB AND GUTTER
3	28+79.22	43.17' RT	6,954.47'	FLOWLINE CURB AND GUTTER
4	28+79.87	43.29' RT	6,954.47'	BACK OF CURB AND GUTTER
5	28+85.77	44.39' RT	6,954.95'	TOP OF SIDEWALK
6	28+81.47	36.61' RT	6,954.36'	FLOWLINE CURB AND GUTTER
7	28+82.06	36.91' RT	6,954.36'	BACK OF CURB AND GUTTER
8	28+87.39	39.67' RT	6,954.84'	TOP OF SIDEWALK
9	28+84.89	31.67' RT	6,954.17'	FLOWLINE CURB AND GUTTER
10	28+85.38	32.12' RT	6,954.67'	BACK OF CURB AND GUTTER

CR31 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
11	28+90.12	27.32' RT	6,953.96'	FLOWLINE CURB AND GUTTER
12	28+90.47	27.88' RT	6,954.46'	BACK OF CURB AND GUTTER
13	28+95.60	24.86' RT	6,953.80'	FLOWLINE CURB AND GUTTER
14	28+95.79	25.49' RT	6,953.80'	BACK OF CURB AND GUTTER
15	28+97.54	31.24' RT	6,954.30'	TOP OF SIDEWALK
16	29+02.48	23.83' RT	6,953.75'	FLOWLINE CURB AND GUTTER
17	29+02.48	24.50' RT	6,953.75'	BACK OF CURB AND GUTTER
18	29+02.48	30.50' RT	6,954.23'	TOP OF SIDEWALK
19	29+08.48	23.83' RT	6,953.64'	FLOWLINE CURB AND GUTTER
20	29+08.48	24.50' RT	6,954.14'	BACK OF CURB AND GUTTER



CR34 CURB RAMP @ NW TURNOUT #14 (JOSE ST)

SCALE: 1" = 10'

CR34 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	31+55.94	41.47' LT	6,951.43'	FLOWLINE OF CURB AND GUTTER
2	31+56.61	41.49' LT	6,951.43'	BACK OF CURB AND GUTTER
3	31+63.62	41.68' LT	6,951.82'	TOF OF SIDEWALK
4	31+55.22	47.45' LT	6,951.49'	FLOWLINE OF CURB AND GUTTER
5	31+55.90	47.47' LT	6,951.49'	BACK OF CURB AND GUTTER
6	31+63.45	47.68' LT	6,951.91'	TOF OF SIDEWALK

GENERAL SHEET NOTES

1. THE SLOPES SHOWN ON CURB RAMP ARE CONSIDERED TO BE WITHIN 0.1%±.
2. ALL FORMS SHALL BE SET AT 1.5% TYPICAL.
3. BUILD PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
4. BUILD DIAGONAL PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
5. INSTALL DETECTABLE WARNING SURFACE PER NMDOT 608-001 SERIES.
6. THE CONTRACTOR SHALL ENSURE ADA COMPLIANCE FOR CONSTRUCTION OF ALL ADA FEATURES AND APPURTENANCES (INCLUDING BUT NOT LIMITED TO: SIDEWALK AND CURB RAMP SLOPES; LEVEL LANDINGS; ETC) AS DETAILED IN THE PLANS AND IN ACCORDANCE WITH REFERENCED STANDARD DRAWINGS, SPECIFICATIONS AND ESTABLISHED ADA GUIDELINES AND STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD CHECKING SLOPES AND DIMENSIONS OF ALL FORM WORK FOR COMPLIANCE PRIOR TO INSTALLATION OF CONCRETE. THE CITY RESERVES THE RIGHT TO INSPECT ANY ADA FEATURES AND APPURTENANCES AT ANY TIME BEFORE FINAL COMPLETION OF THE PROJECT AND TO HAVE THE CONTRACTOR REMOVE, REPLACE AND/OR CORRECT ANY WORK AT HIS COST THAT IS NOT IN COMPLIANCE AS DETERMINED BY THE PROJECT MANAGER.
7. ADA RAMP LANDINGS SHALL BE MINIMUM 5'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.

LEGEND

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- ** CLEAR ZONE (PROWAG R304.5.5)

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CONSULTANTS

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07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

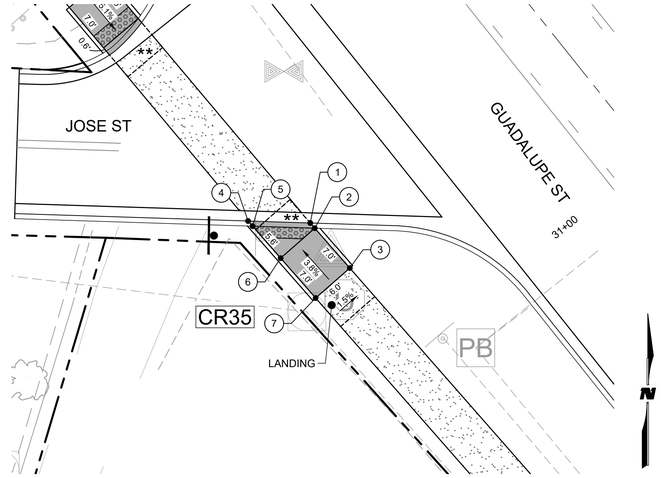
BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
ADA RAMP DETAILS

SHEET NO:
2-44

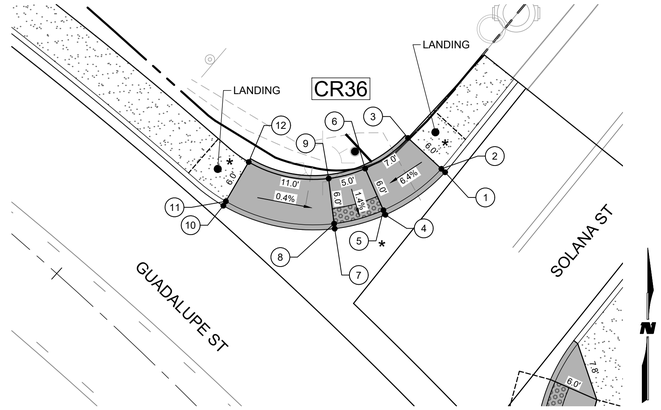
8/19/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_MSD03.dwg



CR35 CURB RAMP @ SW TURNOUT #14 (JOSE ST)

SCALE: 1" = 10'

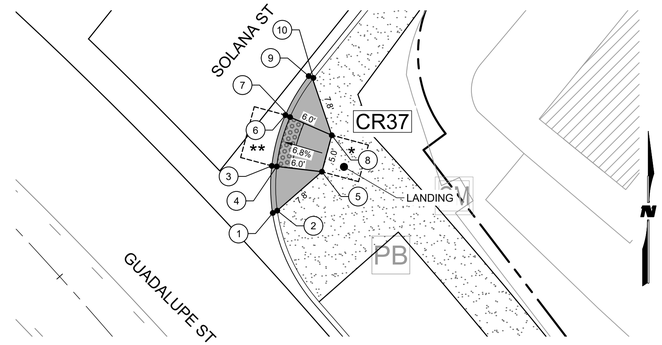
CR35 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	31+21.37	40.57' LT	6,952.13'	FLOWLINE OF CURB AND GUTTER
2	31+20.46	40.53' LT	6,952.13'	BACK OF CURB AND GUTTER
3	31+13.47	40.20' LT	6,952.42'	TOP OF SIDEWALK
4	31+26.70	46.83' LT	6,952.21'	FLOWLINE OF CURB AND GUTTER
5	31+25.79	46.78' LT	6,952.21'	BACK OF CURB AND GUTTER
6	31+20.18	46.52' LT	6,952.22'	TOP OF SIDEWALK
7	31+13.19	46.19' LT	6,952.51'	TOP OF SIDEWALK



CR36 CURB RAMP @ NE TURNOUT #15 (SOLANA ST)

SCALE: 1" = 10'

CR36 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	32+73.31	45.01' RT	6,951.75'	FLOWLINE OF CURB AND GUTTER
2	32+73.92	45.01' RT	6,952.25'	BACK OF CURB AND GUTTER
3	32+79.39	44.77' RT	6,952.34'	BACK OF SIDEWALK
4	32+74.77	35.46' RT	6,951.71'	FLOWLINE OF CURB AND GUTTER
5	32+75.35	35.71' RT	6,951.71'	BACK OF CURB AND GUTTER
6	32+80.52	37.93' RT	6,951.80'	BACK OF SIDEWALK
7	32+78.02	29.45' RT	6,951.61'	FLOWLINE OF CURB AND GUTTER
8	32+78.51	29.87' RT	6,951.61'	BACK OF CURB AND GUTTER
9	32+82.88	33.64' RT	6,951.70'	BACK OF SIDEWALK
10	32+90.06	21.45' RT	6,951.16'	FLOWLINE OF CURB AND GUTTER
11	32+90.21	22.10' RT	6,951.66'	BACK OF CURB AND GUTTER
12	32+91.48	27.95' RT	6,951.75'	BACK OF SIDEWALK



CR37 CURB RAMP @ SE TURNOUT #15 (SOLANA ST)

SCALE: 1" = 10'

CR37 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	32+38.28	26.76' RT	6,951.52'	FLOWLINE OF CURB AND GUTTER
2	32+37.94	27.32' RT	6,952.02'	BACK OF CURB AND GUTTER
3	32+42.60	30.63' RT	6,951.62'	FLOWLINE OF CURB AND GUTTER
4	32+42.14	31.08' RT	6,951.62'	BACK OF CURB AND GUTTER
5	32+38.01	35.14' RT	6,952.04'	TOP OF SIDEWALK
6	32+46.19	36.42' RT	6,951.71'	FLOWLINE OF CURB AND GUTTER
7	32+45.63	36.70' RT	6,951.71'	BACK OF CURB AND GUTTER
8	32+40.61	39.26' RT	6,952.13'	TOP OF SIDEWALK
9	32+47.86	42.14' RT	6,951.76'	FLOWLINE OF CURB AND GUTTER
10	32+47.26	42.25' RT	6,952.26'	BACK OF CURB AND GUTTER

GENERAL SHEET NOTES

1. THE SLOPES SHOWN ON CURB RAMP ARE CONSIDERED TO BE WITHIN 0.1%±.
2. ALL FORMS SHALL BE SET AT 1.5% TYPICAL.
3. BUILD PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
4. BUILD DIAGONAL PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
5. INSTALL DETECTABLE WARNING SURFACE PER NMDOT 608-001 SERIES.
6. THE CONTRACTOR SHALL ENSURE ADA COMPLIANCE FOR CONSTRUCTION OF ALL ADA FEATURES AND APPURTENANCES (INCLUDING BUT NOT LIMITED TO: SIDEWALK AND CURB RAMP SLOPES; LEVEL LANDINGS; ETC) AS DETAILED IN THE PLANS AND IN ACCORDANCE WITH REFERENCED STANDARD DRAWINGS, SPECIFICATIONS AND ESTABLISHED ADA GUIDELINES AND STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD CHECKING SLOPES AND DIMENSIONS OF ALL FORM WORK FOR COMPLIANCE PRIOR TO INSTALLATION OF CONCRETE. THE CITY RESERVES THE RIGHT TO INSPECT ANY ADA FEATURES AND APPURTENANCES AT ANY TIME BEFORE FINAL COMPLETION OF THE PROJECT AND TO HAVE THE CONTRACTOR REMOVE, REPLACE AND/OR CORRECT ANY WORK AT HIS COST THAT IS NOT IN COMPLIANCE AS DETERMINED BY THE PROJECT MANAGER.
7. ADA RAMP LANDINGS SHALL BE MINIMUM 5'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.

LEGEND

- * ADA RAMP LANDING (MAX 2% ANY DIRECTION)
- ** CLEAR ZONE (PROWAG R304.5.5)

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
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CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

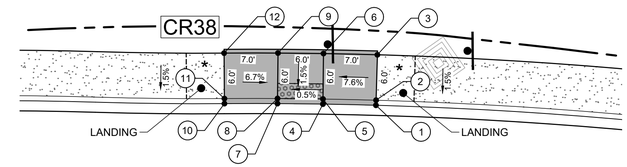
REV.	DATE	DESCRIPTION	BY

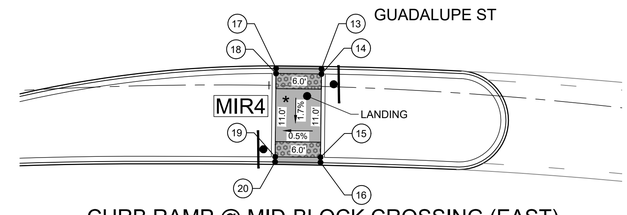
WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
ADA RAMP DETAILS

SHEET NO:
2-45

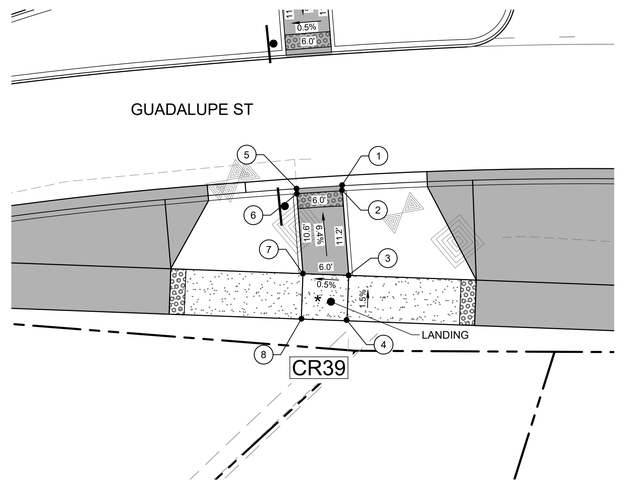
8/19/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 21176085_MSD03.dwg





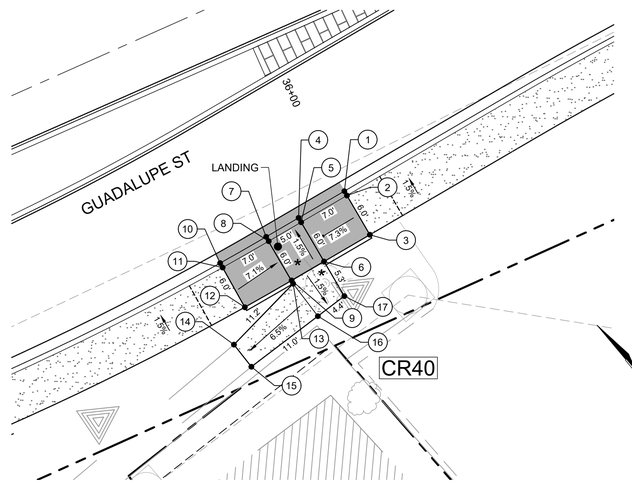
CR38 / MIR4 — CURB RAMP @ MID-BLOCK CROSSING (EAST)

SCALE: 1" = 10'



CR39 — CURB RAMP @ MID-BLOCK CROSSING (WEST)

SCALE: 1" = 10'



CR40 — CURB RAMP @ TRAIL CONNECTION

SCALE: 1" = 10'

CR38 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	33+36.72	20.06' RT	6,950.93'	FLOWLINE OF CURB AND GUTTER
2	33+36.72	20.72' RT	6,951.43'	BACK OF CURB AND GUTTER
3	33+36.81	26.72' RT	6,951.52'	BACK OF SIDEWALK
4	33+43.43	19.97' RT	6,950.89'	FLOWLINE OF CURB AND GUTTER
5	33+43.45	20.63' RT	6,950.89'	BACK OF CURB AND GUTTER
6	33+43.54	26.64' RT	6951.00'	BACK OF SIDEWALK
7	33+49.19	19.90' RT	6,950.86'	FLOWLINE OF CURB AND GUTTER
8	33+49.19	20.57' RT	6,950.86'	BACK OF CURB AND GUTTER
9	33+49.22	26.57' RT	6,950.97'	BACK OF SIDEWALK
10	33+55.91	19.83' RT	6,950.82'	FLOWLINE OF CURB AND GUTTER
11	33+55.91	20.50' RT	6,951.32'	BACK OF CURB AND GUTTER
12	33+61.66	26.50' RT	6,951.41'	BACK OF SIDEWALK

MIR4 MEDIAN ISLAND RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
13	33+43.11	2.30' RT	6,951.17'	FLOWLINE OF CURB AND GUTTER
14	33+43.11	1.64' RT	6,951.17'	BACK OF CURB AND GUTTER
15	33+42.93	9.36' LT	6,950.94'	BACK OF CURB AND GUTTER
16	33+42.90	10.07' LT	6,950.94'	FLOWLINE OF CURB AND GUTTER
17	33+49.10	2.23' RT	6,951.13'	FLOWLINE OF CURB AND GUTTER
18	33+49.10	1.57' RT	6,951.13'	BACK OF CURB AND GUTTER
19	33+49.03	9.43' LT	6,950.91'	BACK OF CURB AND GUTTER
20	33+49.03	10.10' LT	6,950.91'	FLOWLINE OF CURB AND GUTTER

CR39 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	33+42.56	27.77' LT	6,950.21'	FLOWLINE OF CURB AND GUTTER
2	33+42.54	28.44' LT	6,950.21'	BACK OF CURB AND GUTTER
3	33+42.31	39.61' LT	6,950.91'	TOP OF SIDEWALK
4	33+42.94	45.58' LT	6,950.99'	BACK OF SIDEWALK
5	33+48.93	27.77' LT	6,950.19'	FLOWLINE OF CURB AND GUTTER
6	33+48.93	28.43' LT	6,950.19'	BACK OF CURB AND GUTTER
7	33+48.86	38.99' LT	6,950.88'	TOP OF SIDEWALK
8	33+49.58	44.96' LT	6,950.97'	BACK OF SIDEWALK

CR40 CURB RAMP POINT DATA TABLE

NO	STATION	OFFSET	ELEVATION	REMARKS
1	35+98.89	29.36' LT	6,949.44'	FLOWLINE OF CURB AND GUTTER
2	35+98.82	30.02' LT	6,949.94'	BACK OF CURB AND GUTTER
3	35+98.16	35.98' LT	6,950.03'	BACK OF SIDEWALK
4	36+05.85	30.12' LT	6,949.43'	FLOWLINE OF CURB AND GUTTER
5	36+05.78	30.79' LT	6,949.43'	BACK OF CURB AND GUTTER
6	36+05.12	36.75' LT	6,949.52'	BACK OF SIDEWALK
7	36+10.77	30.67' LT	6,949.42'	FLOWLINE OF CURB AND GUTTER
8	36+10.75	31.34' LT	6,949.42'	BACK OF CURB AND GUTTER
9	36+10.04	37.29' LT	6,949.51'	BACK OF SIDEWALK
10	36+17.74	31.37' LT	6,949.40'	FLOWLINE OF CURB AND GUTTER
11	36+17.68	32.03' LT	6,949.90'	BACK OF CURB AND GUTTER
12	36+17.13	38.01' LT	6,949.99'	BACK OF SIDEWALK
13	36+10.04	37.77' LT	6,949.50'	TOP OF SIDEWALK
14	36+20.45	41.94' LT	6,948.77'±	TOP OF SIDEWALK
15	36+19.53	45.54' LT	6,948.72'±	TOP OF SIDEWALK
16	36+08.80	43.01' LT	6,949.42'	TOP OF SIDEWALK
17	36+05.54	42.01' LT	6,949.44'	TOP OF SIDEWALK

GENERAL SHEET NOTES

1. THE SLOPES SHOWN ON CURB RAMP ARE CONSIDERED TO BE WITHIN 0.1%±.
2. ALL FORMS SHALL BE SET AT 1.5% TYPICAL.
3. BUILD PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
4. BUILD DIAGONAL PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
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7. ADA RAMP LANDINGS SHALL BE MINIMUM 5'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.

LEGEND

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- ** — CLEAR ZONE (PROWAG R304.5.5)

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CONSULTANTS

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DATE:	JUL 2022

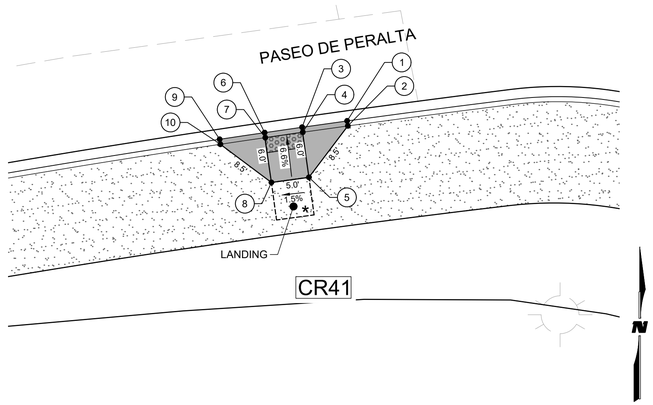
SHEET TITLE

ADA RAMP DETAILS

SHEET NO:

2-46

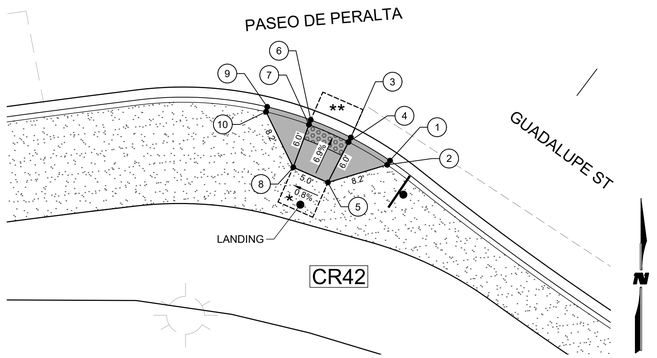
8/19/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\176085_MSD03.dwg



CR41 CURB RAMP @ SW TURNOUT #16 (PASEO DE PERALTA)

SCALE: 1" = 10'

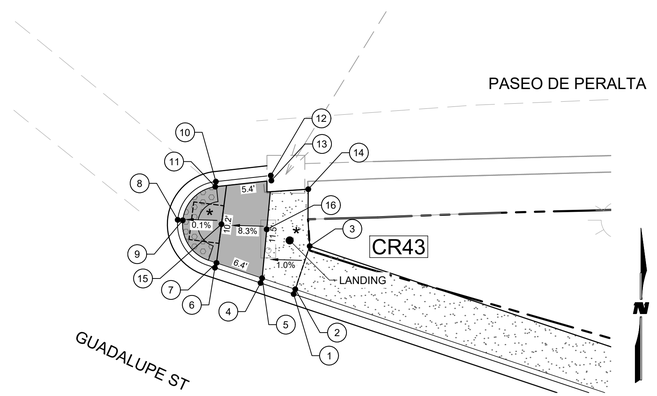
CR41 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	38+27.56	69.54' LT	6,948.42'	FLOWLINE OF CURB AND GUTTER
2	38+27.02	69.93' LT	6,948.92'	BACK OF CURB AND GUTTER
3	38+31.11	74.42' LT	6,948.30'	FLOWLINE OF CURB AND GUTTER
4	38+30.57	74.81' LT	6,948.30'	BACK OF CURB AND GUTTER
5	38+25.71	78.34' LT	6,948.68'	TOP OF SIDEWALK
6	38+33.90	78.50' LT	6,948.20'	FLOWLINE OF CURB AND GUTTER
7	38+33.51	78.88' LT	6,948.20'	BACK OF CURB AND GUTTER
8	38+28.67	82.37' LT	6,948.61'	TOP OF SIDEWALK
9	38+37.52	83.32' LT	6,948.07'	FLOWLINE OF CURB AND GUTTER
10	38+36.97	83.71' LT	6,948.52'	BACK OF CURB AND GUTTER



CR42 CURB RAMP @ SW TURNOUT #16 (PASEO DE PERALTA)

SCALE: 1" = 10'

CR42 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	37+89.17	35.57' LT	6,949.04'	FLOWLINE OF CURB AND GUTTER
2	37+89.11	36.24' LT	6,949.54'	BACK OF CURB AND GUTTER
3	37+94.52	36.60' LT	6,949.00'	BACK OF SIDEWALK
4	37+94.38	37.25' LT	6,949.00'	FLOWLINE OF CURB AND GUTTER
5	37+93.10	43.08' LT	6,949.41'	BACK OF CURB AND GUTTER
6	37+99.50	38.36' LT	6,948.96'	BACK OF SIDEWALK
7	37+99.28	38.98' LT	6,948.96'	FLOWLINE OF CURB AND GUTTER
8	37+97.33	44.57' LT	6,949.37'	BACK OF CURB AND GUTTER
9	38+04.41	40.99' LT	6,948.91'	BACK OF SIDEWALK
10	38+04.06	41.52' LT	6,949.41'	FLOWLINE OF CURB AND GUTTER



CR43 CURB RAMP @ SE TURNOUT #16 (PASEO DE PERALTA)

SCALE: 1" = 10'

CR43 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	36+65.49	33.47' RT	6,949.88'	FLOWLINE OF CURB AND GUTTER
2	36+65.51	34.14' RT	6,950.38'	BACK OF CURB AND GUTTER
3	36+65.63	40.14' RT	6,950.24'	BACK OF SIDEWALK
4	36+70.55	33.36' RT	6,949.87'	FLOWLINE OF CURB AND GUTTER
5	36+70.62	34.02' RT	6,950.37'	BACK OF CURB AND GUTTER
6	36+77.63	33.09' RT	6,949.85'	FLOWLINE OF CURB AND GUTTER
7	36+77.66	33.75' RT	6,949.85'	BACK OF CURB AND GUTTER
8	36+85.34	37.11' RT	6,949.79'	FLOWLINE OF CURB AND GUTTER
9	36+84.62	37.30' RT	6,949.79'	BACK OF CURB AND GUTTER
10	36+82.25	43.68' RT	6,949.72'	FLOWLINE OF CURB AND GUTTER
11	36+81.89	43.10' RT	6,949.72'	BACK OF CURB AND GUTTER
12	36+75.36	46.87 RT	6,949.72'	FLOWLINE OF CURB AND GUTTER
13	36+75.08	46.24' RT	6,950.22'	TOP OF EXISTING CURB INLET
14	36+68.74	47.14' RT	6,950.24'	TOP OF SIDEWALK
15	36+79.07	38.70' RT	6,949.79'	TOP OF SIDEWALK
16	36+72.29	39.55' RT	6,950.30'	TOP OF SIDEWALK

GENERAL SHEET NOTES

1. THE SLOPES SHOWN ON CURB RAMP ARE CONSIDERED TO BE WITHIN 0.1%±.
2. ALL FORMS SHALL BE SET AT 1.5% TYPICAL.
3. BUILD PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
4. BUILD DIAGONAL PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
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7. ADA RAMP LANDINGS SHALL BE MINIMUM 5'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.

LEGEND

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07/29/2022

PROJECT NAME

GUADALUPE ST
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CIP # 801B

BY	DESCRIPTION	DATE	REV.

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DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

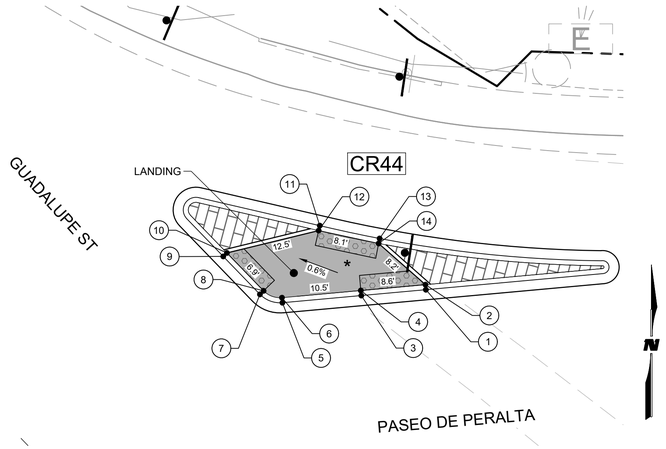
SHEET TITLE

ADA RAMP DETAILS

SHEET NO:

2-47

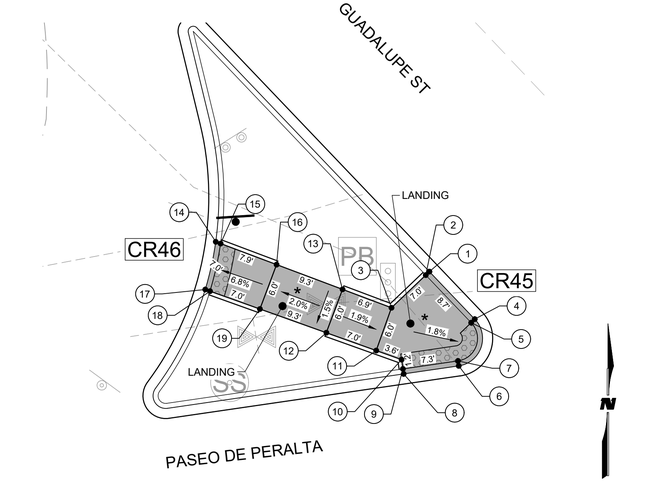
8/19/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 2\1760085_MSD03.dwg



CR44 CURB RAMP @ NE TURNOUT #16 (PASEO DE PERALTA)

SCALE: 1" = 10'

CR44 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	38+24.05	52.06' RT	6,950.23'	FLOWLINE CURB AND GUTTER
2	38+24.66	52.48' RT	6,950.23'	BACK OF CURB AND GUTTER
3	38+29.55	45.39' RT	6,950.17'	FLOWLINE CURB AND GUTTER
4	38+30.07	45.81' RT	6,950.17'	BACK OF CURB AND GUTTER
5	38+36.11	37.25' RT	6,950.18'	FLOWLINE CURB AND GUTTER
6	38+36.63	37.67' RT	6,950.18'	BACK OF CURB AND GUTTER
7	38+38.96	35.88' RT	6,950.13'	FLOWLINE CURB AND GUTTER
8	38+38.96	36.55' RT	6,950.13'	BACK OF CURB AND GUTTER
9	38+45.91	35.88' RT	6,950.06'	FLOWLINE CURB AND GUTTER
10	38+45.92	36.56' RT	6,950.06'	BACK OF CURB AND GUTTER
11	38+39.99	47.87' RT	6,950.11'	FLOWLINE CURB AND GUTTER
12	38+39.63	47.31' RT	6,950.11'	BACK OF CURB AND GUTTER
13	38+33.28	52.36' RT	6,950.18'	FLOWLINE CURB AND GUTTER
14	38+32.90	51.82' RT	6,950.18'	BACK OF CURB AND GUTTER



CR45 CURB RAMP @ NE TURNOUT #13 (PASEO DE PERALTA)

CR46

SCALE: 1" = 10'

CR45 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
1	39+07.22	37.22' LT	6,948.96'	FLOWLINE CURB AND GUTTER
2	39+07.21	37.89' LT	6,948.96'	BACK OF CURB AND GUTTER
3	39+07.26	44.13' LT	6,949.93'	TOP OF SIDEWALK
4	38+98.53	37.28' LT	6,949.03'	FLOWLINE CURB AND GUTTER
5	38+98.54	37.94' LT	6,949.03'	BACK OF CURB AND GUTTER
6	38+95.58	43.09' LT	6,948.94'	FLOWLINE CURB AND GUTTER
7	38+96.12	42.70' LT	6,948.94'	BACK OF CURB AND GUTTER
8	38+99.87	49.05' LT	6,948.77'	FLOWLINE CURB AND GUTTER
9	39+00.41	48.66' LT	6,948.77'	BACK OF CURB AND GUTTER
10	39+01.42	47.94' LT	6,948.79'	TOP OF SIDEWALK
11	39+04.60	49.51' LT	6,948.84'	TOP OF SIDEWALK
12	39+10.88	52.61' LT	6,948.97'	TOP OF SIDEWALK
13	39+13.50	47.09' LT	6,949.06'	TOP OF SIDEWALK

CR46 CURB RAMP POINT DATA TABLE				
NO	STATION	OFFSET	ELEVATION	REMARKS
14	39+29.65	54.75' LT	6,948.33'	FLOWLINE OF CURB AND GUTTER
15	39+29.03	54.46' LT	6,948.33'	BACK OF CURB AND GUTTER
16	39+21.90	51.08' LT	6,948.88'	TOP OF SIDEWALK
17	39+26.08	60.13' LT	6,948.24'	FLOWLINE OF CURB AND GUTTER
18	39+25.49	59.84' LT	6,948.24'	BACK OF CURB AND GUTTER
19	39+19.22	56.74' LT	6,948.78'	TOP OF SIDEWALK

GENERAL SHEET NOTES

1. THE SLOPES SHOWN ON CURB RAMP ARE CONSIDERED TO BE WITHIN 0.1%±.
2. ALL FORMS SHALL BE SET AT 1.5% TYPICAL.
3. BUILD PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
4. BUILD DIAGONAL PARALLEL ADA CURB RAMP PER NMDOT 608-001 SERIES.
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CONSULTANTS

SEAL

TYLER J. ASHTON
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PROFESSIONAL ENGINEER
07/29/2022

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CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

ADA RAMP DETAILS

SHEET NO:

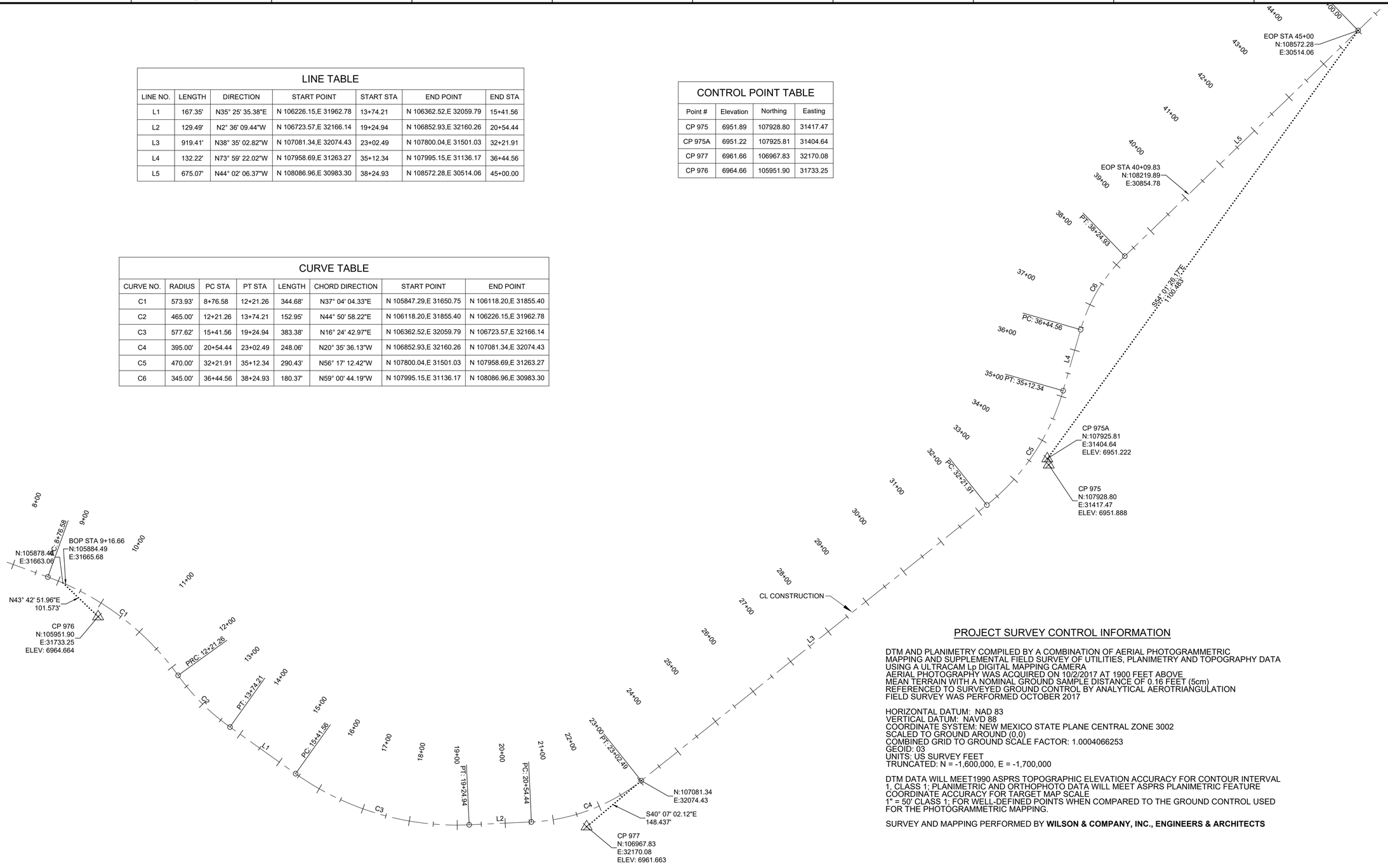
2-48

8/19/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 21\76085_MSD03.dwg

LINE TABLE						
LINE NO.	LENGTH	DIRECTION	START POINT	START STA	END POINT	END STA
L1	167.35'	N35° 25' 35.38"E	N 106226.15,E 31962.78	13+74.21	N 106362.52,E 32059.79	15+41.56
L2	129.49'	N2° 36' 09.44"W	N 106723.57,E 32166.14	19+24.94	N 106852.93,E 32160.26	20+54.44
L3	919.41'	N38° 35' 02.82"W	N 107081.34,E 32074.43	23+02.49	N 107800.04,E 31501.03	32+21.91
L4	132.22'	N73° 59' 22.02"W	N 107958.69,E 31263.27	35+12.34	N 107995.15,E 31136.17	36+44.56
L5	675.07'	N44° 02' 06.37"W	N 108086.96,E 30983.30	38+24.93	N 108572.28,E 30514.06	45+00.00

CONTROL POINT TABLE			
Point #	Elevation	Northing	Easting
CP 975	6951.89	107928.80	31417.47
CP 975A	6951.22	107925.81	31404.64
CP 977	6961.66	106967.83	32170.08
CP 976	6964.66	105951.90	31733.25

CURVE TABLE							
CURVE NO.	RADIUS	PC STA	PT STA	LENGTH	CHORD DIRECTION	START POINT	END POINT
C1	573.93'	8+76.58	12+21.26	344.68'	N37° 04' 04.33"E	N 105847.29,E 31650.75	N 106118.20,E 31855.40
C2	465.00'	12+21.26	13+74.21	152.95'	N44° 50' 58.22"E	N 106118.20,E 31855.40	N 106226.15,E 31962.78
C3	577.62'	15+41.56	19+24.94	383.38'	N16° 24' 42.97"E	N 106362.52,E 32059.79	N 106723.57,E 32166.14
C4	395.00'	20+54.44	23+02.49	248.06'	N20° 35' 36.13"W	N 106852.93,E 32160.26	N 107081.34,E 32074.43
C5	470.00'	32+21.91	35+12.34	290.43'	N56° 17' 12.42"W	N 107800.04,E 31501.03	N 107958.69,E 31263.27
C6	345.00'	36+44.56	38+24.93	180.37'	N59° 00' 44.19"W	N 107995.15,E 31136.17	N 108086.96,E 30983.30



PROJECT SURVEY CONTROL INFORMATION

DTM AND PLANIMETRY COMPILED BY A COMBINATION OF AERIAL PHOTOGRAMMETRIC MAPPING AND SUPPLEMENTAL FIELD SURVEY OF UTILITIES, PLANIMETRY AND TOPOGRAPHY DATA USING A ULTRACAM Lp DIGITAL MAPPING CAMERA
AERIAL PHOTOGRAPHY WAS ACQUIRED ON 10/2/2017 AT 1900 FEET ABOVE MEAN TERRAIN WITH A NOMINAL GROUND SAMPLE DISTANCE OF 0.16 FEET (5cm)
REFERENCED TO SURVEYED GROUND CONTROL BY ANALYTICAL AEROTRIANGULATION
FIELD SURVEY WAS PERFORMED OCTOBER 2017

HORIZONTAL DATUM: NAD 83
VERTICAL DATUM: NAVD 88
COORDINATE SYSTEM: NEW MEXICO STATE PLANE CENTRAL ZONE 3002
SCALED TO GROUND AROUND (0,0)
COMBINED GRID TO GROUND SCALE FACTOR: 1.0004066253
GEOID: 03
UNITS: US SURVEY FEET
TRUNCATED: N = -1,600,000, E = -1,700,000

DTM DATA WILL MEET1990 ASPRS TOPOGRAPHIC ELEVATION ACCURACY FOR CONTOUR INTERVAL 1, CLASS 1; PLANIMETRIC AND ORTHOPHOTO DATA WILL MEET ASPRS PLANIMETRIC FEATURE COORDINATE ACCURACY FOR TARGET MAP SCALE 1" = 50' CLASS 1; FOR WELL-DEFINED POINTS WHEN COMPARED TO THE GROUND CONTROL USED FOR THE PHOTOGRAMMETRIC MAPPING.

SURVEY AND MAPPING PERFORMED BY **WILSON & COMPANY, INC., ENGINEERS & ARCHITECTS**

A1 HORIZONTAL LAYOUT

SCALE: FULL: 1" = 100' / HALF: 1" = 200'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

HORIZONTAL LAYOUT

SHEET NO:

3-0

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\1760085_HL01.dwg

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A1

SCALE: FULL: 1" = 100' / HALF: 1" = 200'

GUADALUPE ST PLAN & PROFILE SHEET INDEX



SHEET NO: 3-1

SHEET TITLE: GUADALUPE ST PLAN & PROFILE SHEET INDEX

DATE: JUL 2022

CHECKED BY: TJA

DRAWN BY: JEM

DESIGNED BY: TJA

NMDOT PROJECT NO: S100460 & LP90008

WCI PROJECT NO: 176008500

REV.	DATE	DESCRIPTION	BY

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

SEAL

TYLER J. JOHNSON — NEW MEXICO — PROFESSIONAL ENGINEER

07/28/2022

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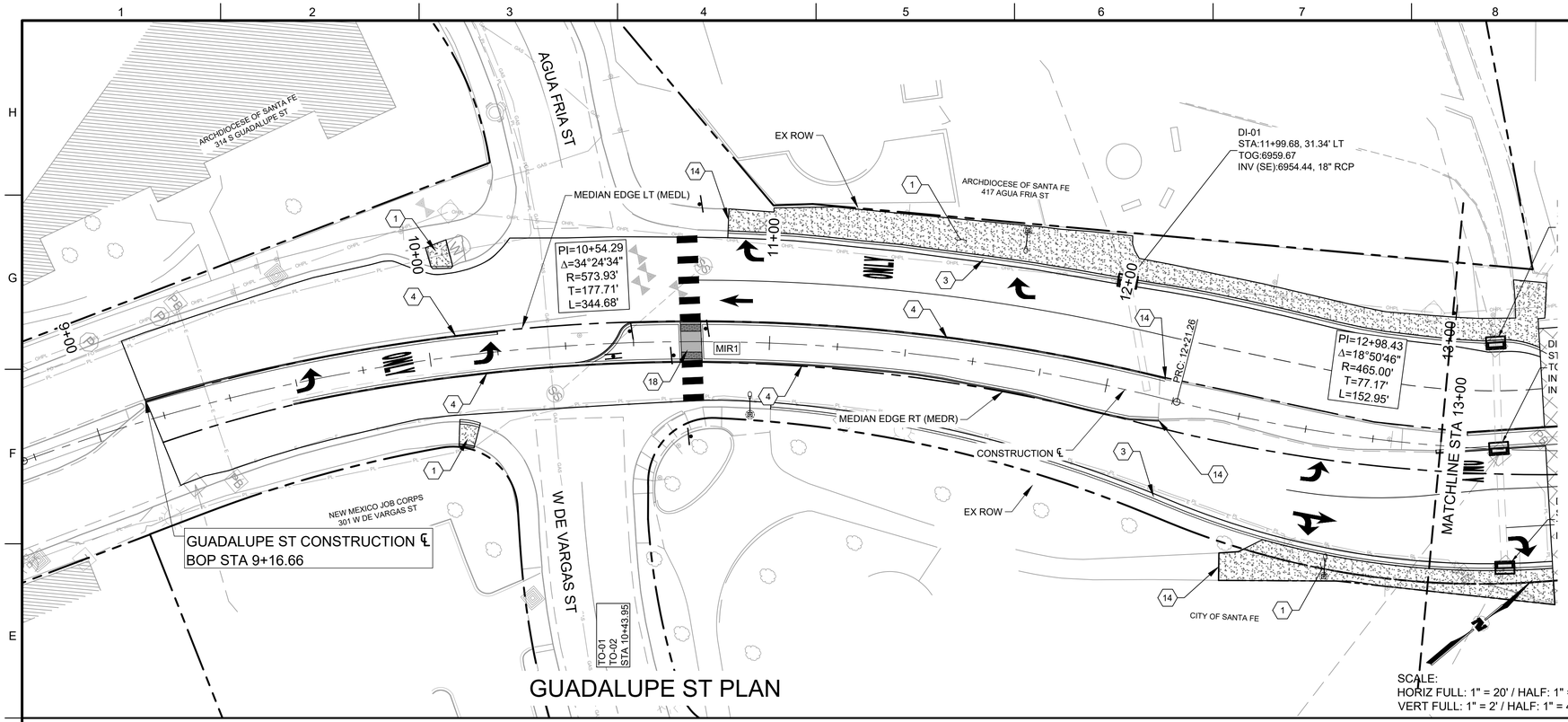
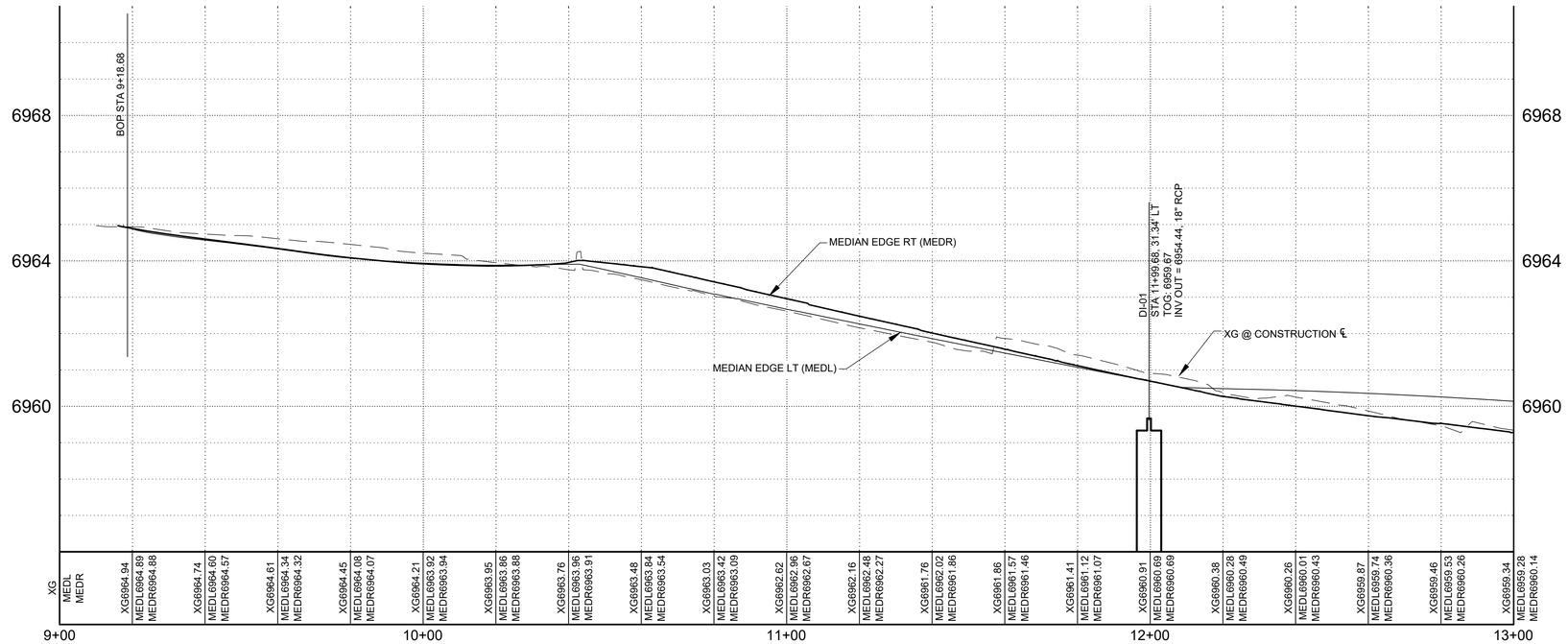


GUADALUPE ST PLAN

SCALE:
HORIZ FULL: 1" = 20' / HALF: 1" = 40'
VERT FULL: 1" = 2' / HALF: 1" = 4'

GUADALUPE ST PROFILE



GENERAL SHEET NOTES

1. FOR SIDEWALK, C&G, VALLEY GUTTER AND MEDIAN PAVEMENT LAYOUT STATIONING, SEE SHEETS 3-11 THRU 3-16.
2. FOR TYPICAL SECTIONS & MISCELLANEOUS DETAILS, SEE SECTION 2 THIS SET OF PLANS.
3. FOR STORM DRAIN PLAN & PROFILES, SEE SECTION 3 THIS SET OF PLANS.
4. FOR TURNOUT / DRIVEWAY PROFILES, SEE SECTION 4 THIS SET OF PLANS.
5. FOR CONSTRUCTION SIGNING, SEE SECTION 6 THIS SET OF PLANS.
6. FOR PERMANENT SIGNING AND STRIPING, SEE SECTION 7 THIS SET OF PLANS.
7. FOR LIGHTING, SEE SECTION 8 THIS SET OF PLANS.
8. FOR SIGNALIZATION, SEE SECTION 9 THIS SET OF PLANS.
9. FOR UTILITIES, SEE SECTION 11 THIS SET OF PLANS.
10. FOR CROSS SECTIONS, SEE SECTION 13 THIS SET OF PLANS.

KEYNOTES

1. 4" THICK COLORED CONCRETE SIDEWALK. SEE NMDOT STD DWG 609-01.
2. CONCRETE VERTICAL CURB AND GUTTER 6"x16". SEE SHEET 2-3.
3. CONCRETE VERTICAL CURB AND GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
4. CONCRETE VERTICAL CURB AND GUTTER 6"x12". SEE SHEET 2-3.
5. DRIVE PAD 6" (COLORED). SEE SHEETS 2-33 THRU 2-36.
6. ADA PARALLEL CURB RAMP. SEE SHEETS 2-37 THRU 2-48. REFER TO NMDOT 608-001 SERIES.
7. ADA SINGLE DIAGONAL PARALLEL CURB RAMP. SEE SHEETS 2-37 THRU 2-48. REFER TO NMDOT 608-001 SERIES.
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11. CONCRETE MEDIAN PAVEMENT 4" (COLORED AND PATTERNED). SEE SHEETS 2-25 THRU 2-27.
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13. HEADWALL / BRIDGE BARRIER. BY OTHERS.
14. SAWCUT NEAT LINE UP TO NEAREST JOINT.
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20. RAISED CURB @ SIDEWALK / CURB RAMP.
21. CONCRETE LAYDOWN CURB 8". SEE SHEET 2-6.
22. CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.

LEGEND - PLAN

- CONSTRUCTION CL
- MEDIAN EDGE LEFT
- MEDIAN EDGE RIGHT
- EXISTING ROW
- PROPOSED 4" COLORED CONCRETE SIDEWALK
- PROPOSED COLORED DRIVEWAY / ADA RAMP
- PROPOSED 4" CONCRETE MEDIAN PAVEMENT COLORED & PATTERNED
- BRIDGE @ SANTA FE RIVER (BY OTHERS)

CR:	CURB RAMP
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MIR:	MEDIAN ISLAND RAMP
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CONSULTANTS

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TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

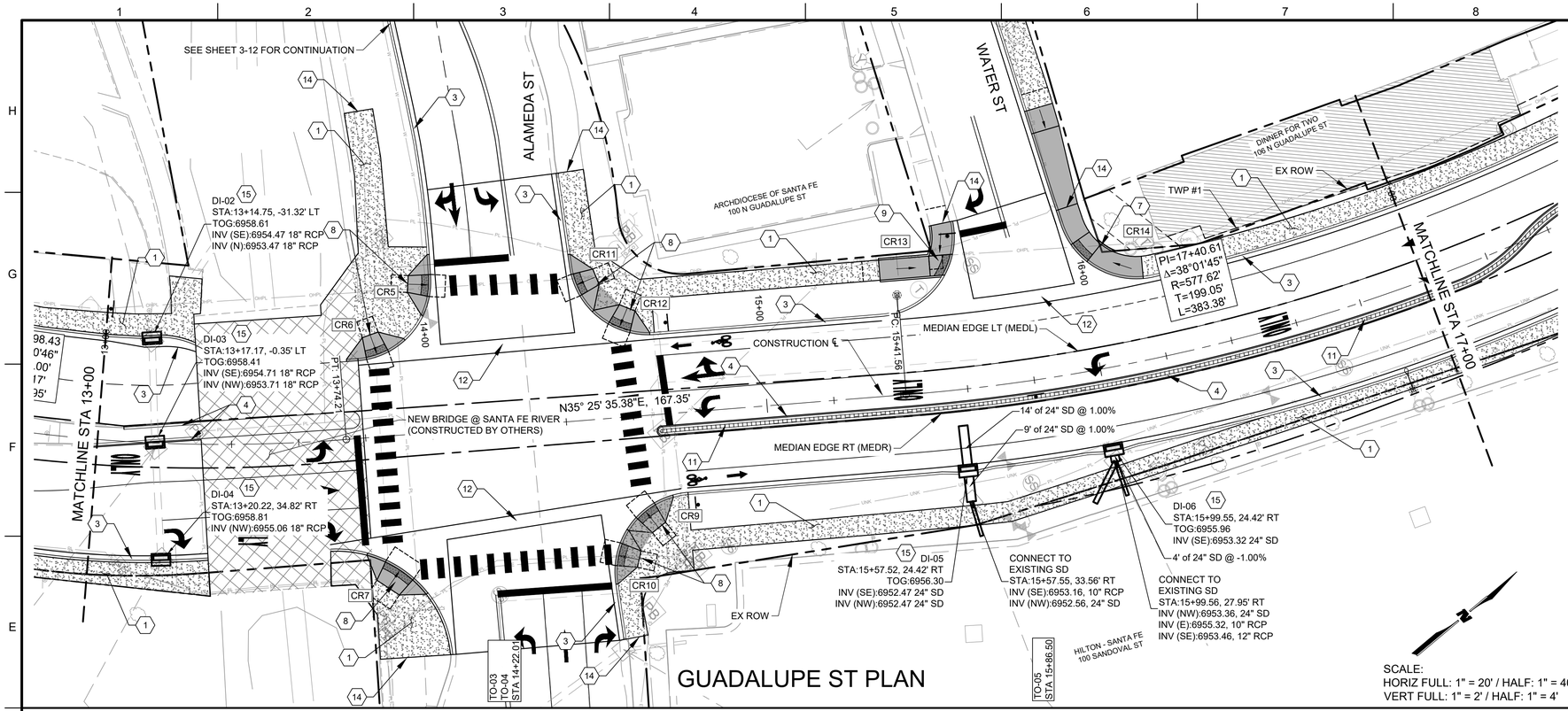
SHEET TITLE

ROADWAY PLAN & PROFILE

SHEET NO:

3-2

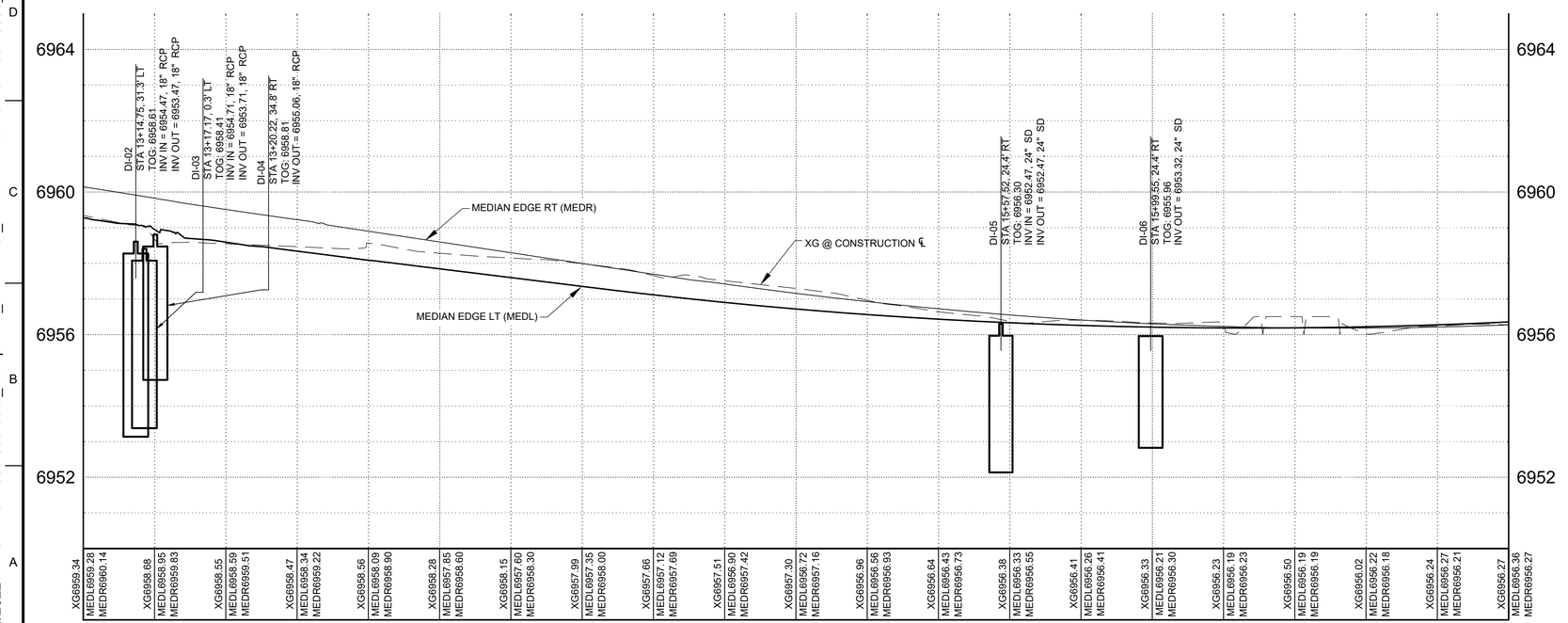
7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\1760085_PP02.dwg



GUADALUPE ST PLAN

SCALE:
HORIZ FULL: 1" = 20' / HALF: 1" = 40'
VERT FULL: 1" = 2' / HALF: 1" = 4'

GUADALUPE ST PROFILE



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23. 6" THICK COLORED CONCRETE SIDEWALK. SEE NMDOT STD DWG 609-01.

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CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
16 JUL
PROFESSIONAL ENGINEER
11/17/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

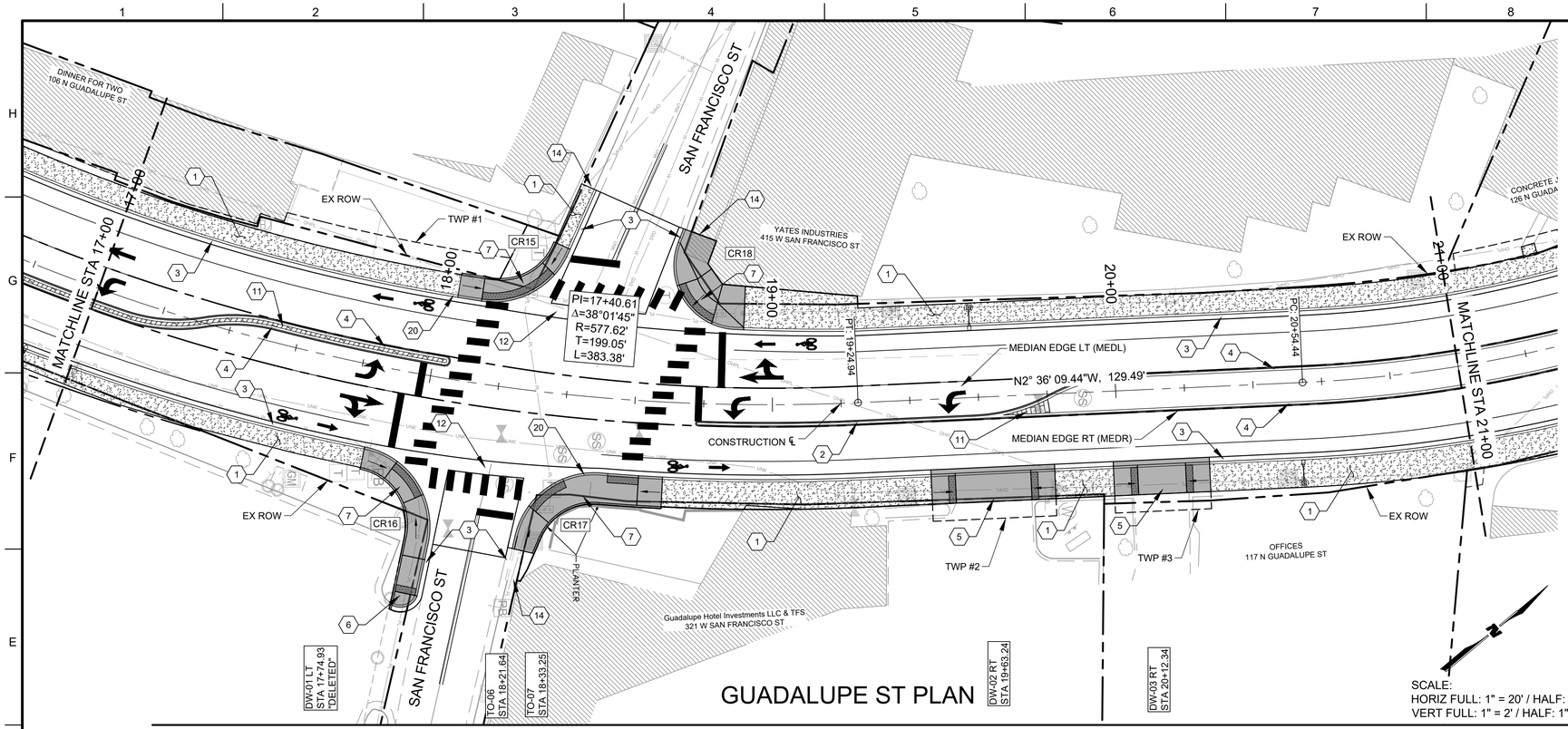
REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
ROADWAY PLAN & PROFILE

SHEET NO:
3-3

12/8/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\1760085_PP02.dwg



GUADALUPE ST PLAN

SCALE:
HORIZ FULL: 1" = 20' / HALF: 1" = 40'
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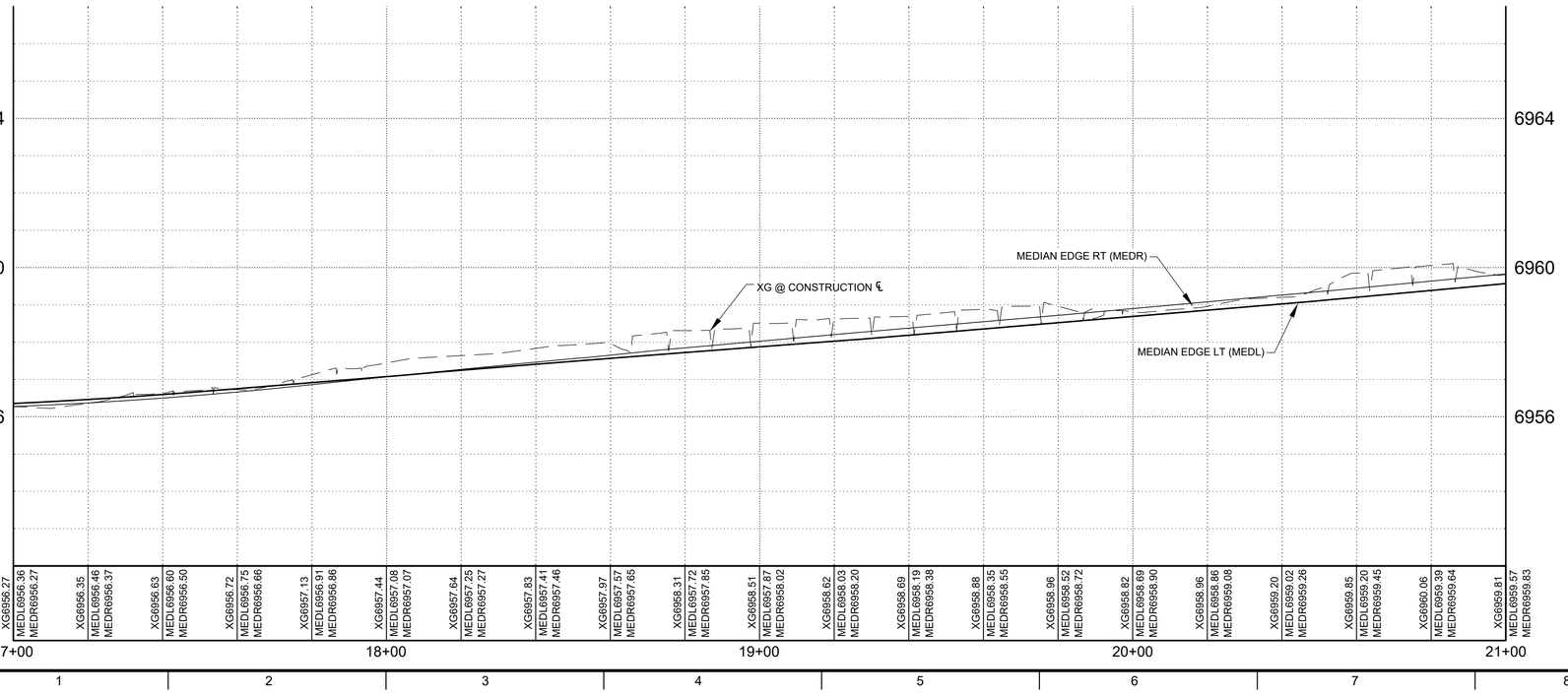
GUADALUPE ST PROFILE



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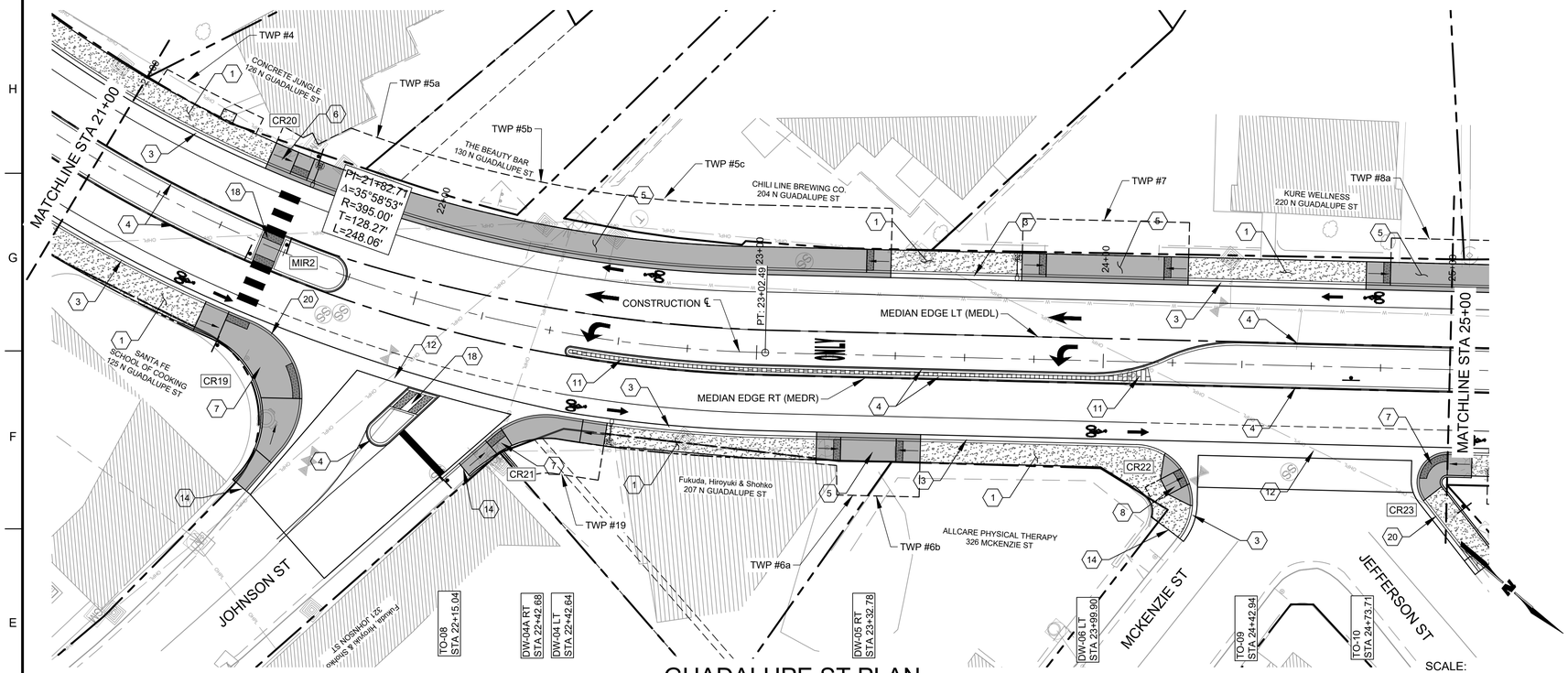
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
ROADWAY PLAN & PROFILE

SHEET NO:
3-4

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\1760085_PP02.dwg



GUADALUPE ST PLAN

SCALE:
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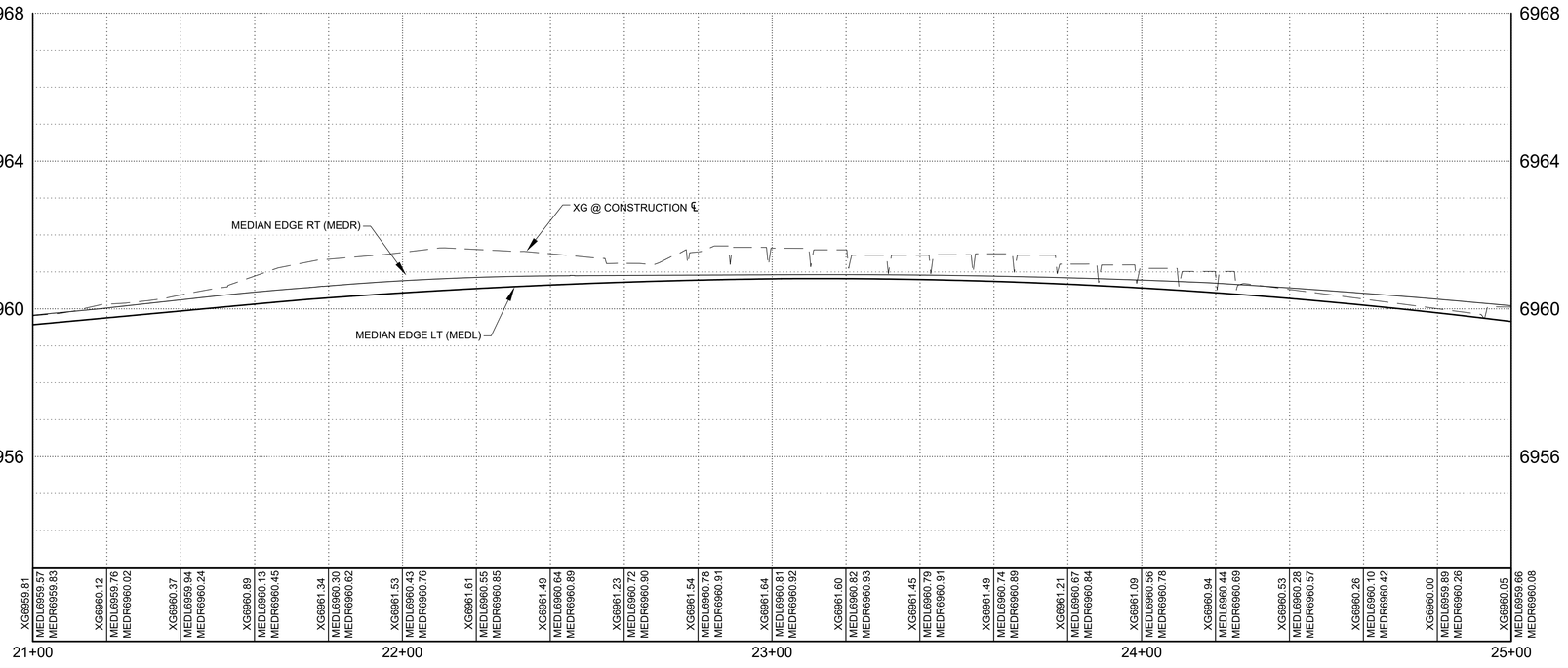
VERT FULL: 1" = 2' / HALF: 1" = 4'

GUADALUPE ST PROFILE



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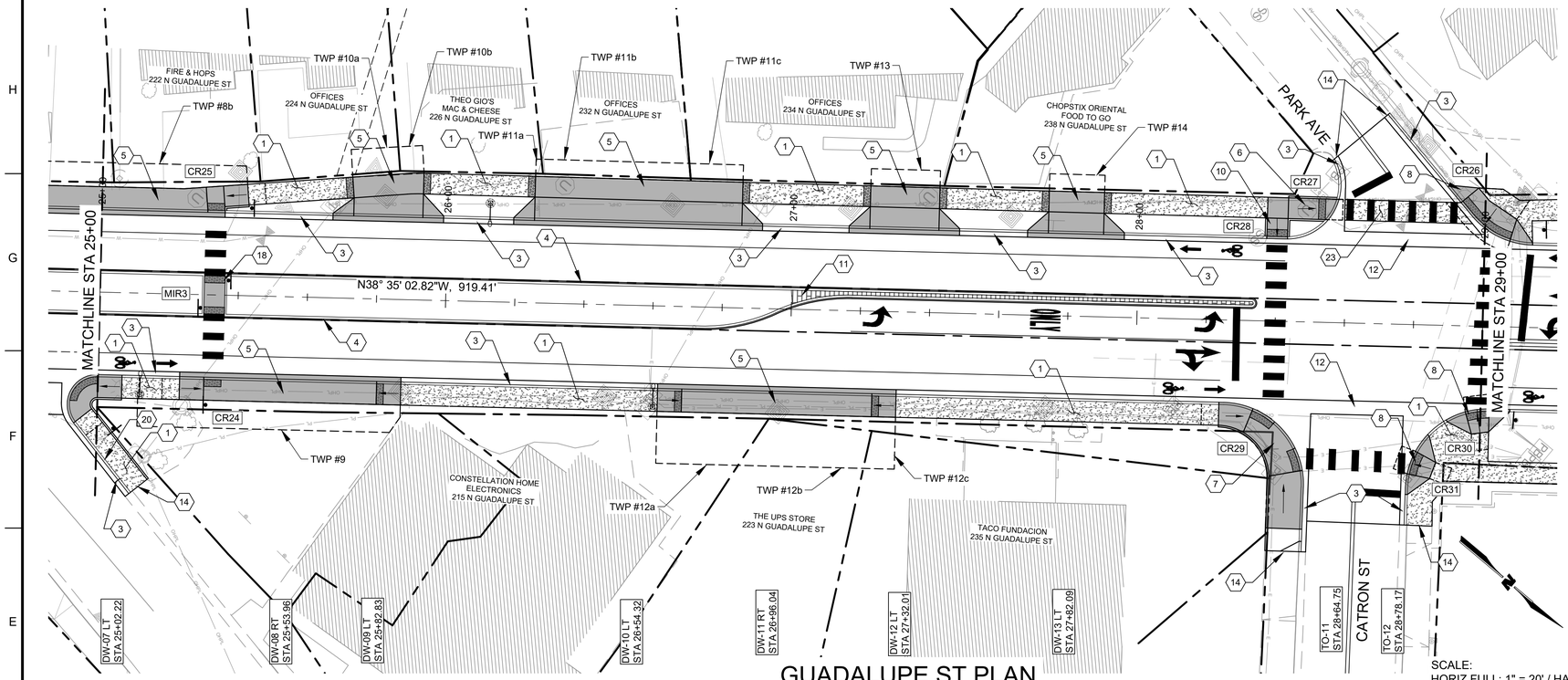

GUADALUPE ST PLAN

SCALE:
HORIZ FULL: 1" = 20' / HALF: 1" = 40'
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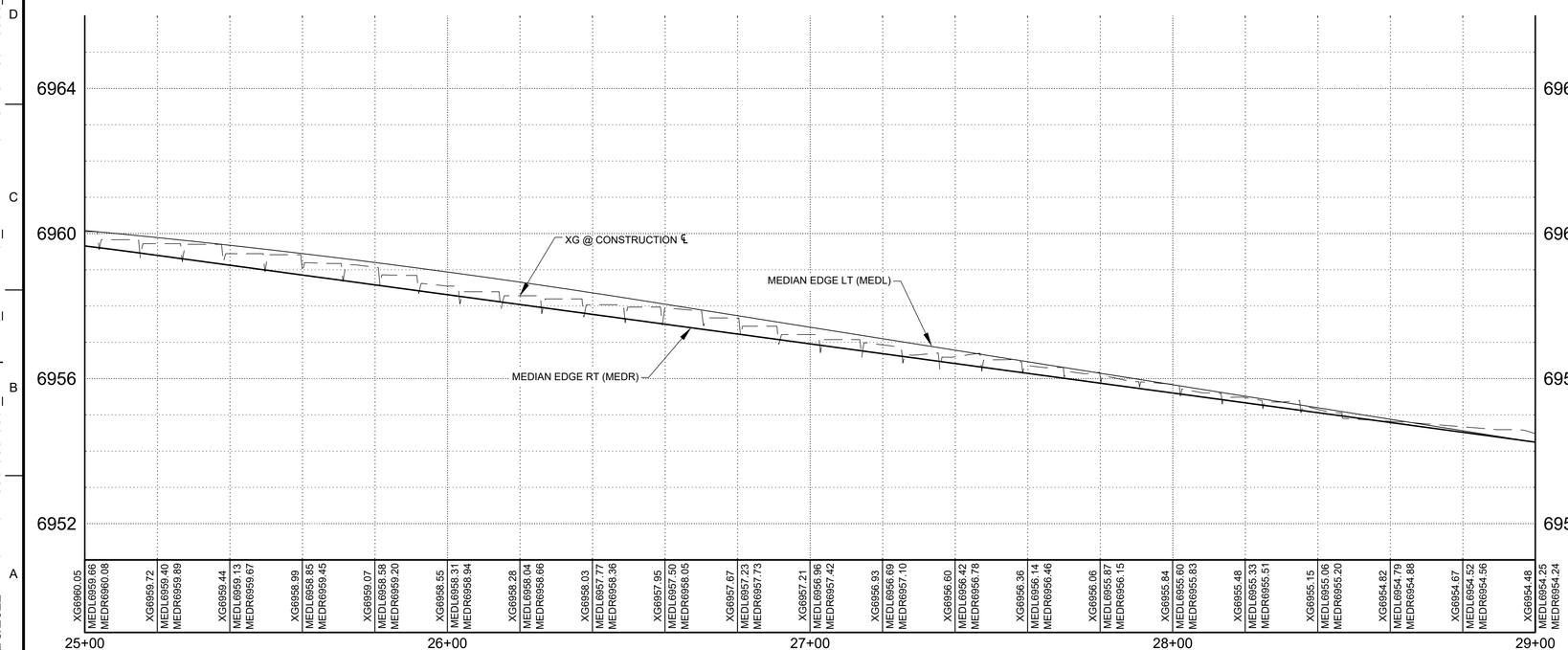
GUADALUPE ST PROFILE



GENERAL SHEET NOTES

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9. FOR UTILITIES, SEE SECTION 11 THIS SET OF PLANS.
10. FOR CROSS SECTIONS, SEE SECTION 13 THIS SET OF PLANS.

KEYNOTES

1. 4" THICK COLORED CONCRETE SIDEWALK. SEE NMDOT STD DWG 609-01.
2. CONCRETE VERTICAL CURB AND GUTTER 6"x16". SEE SHEET 2-3.
3. CONCRETE VERTICAL CURB AND GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
4. CONCRETE VERTICAL CURB AND GUTTER 6"x12". SEE SHEET 2-3.
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LEGEND - PLAN

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TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

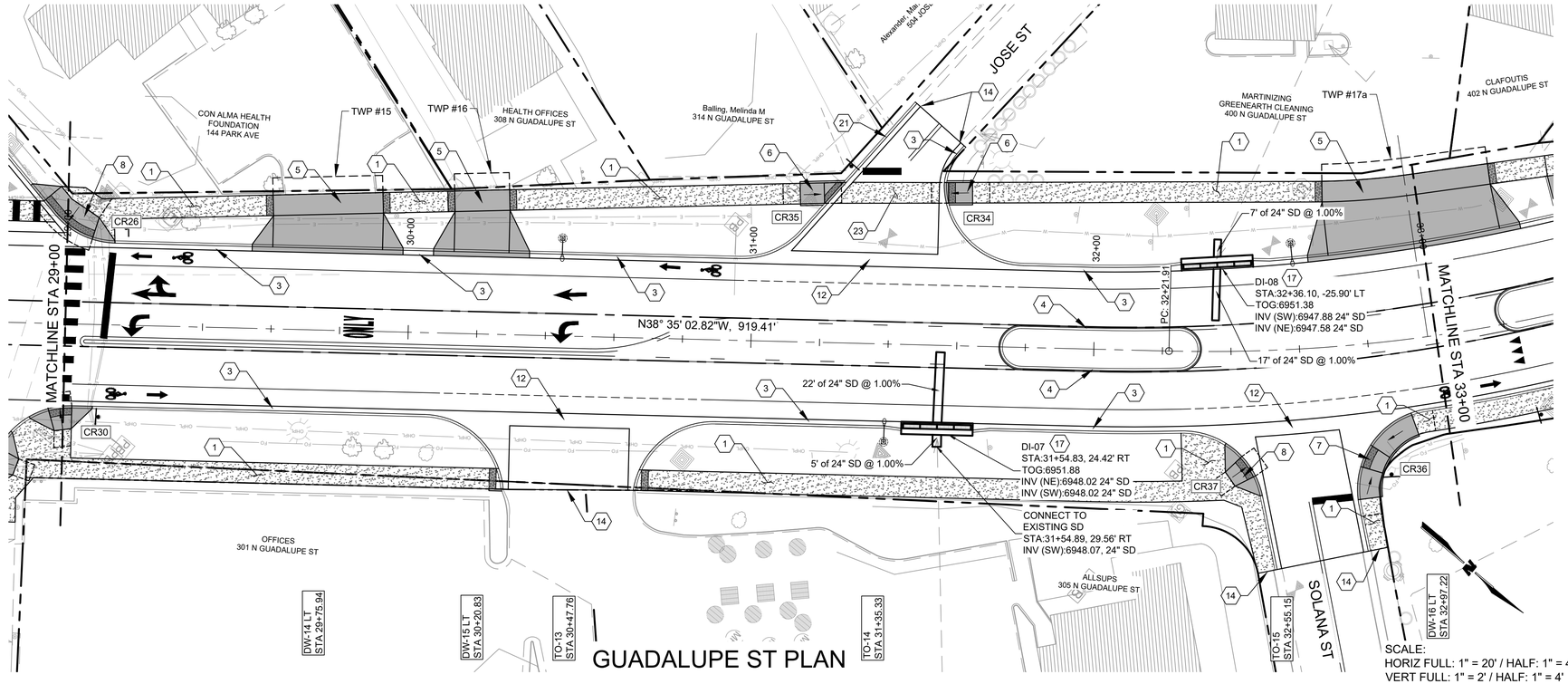
SHEET TITLE

ROADWAY PLAN & PROFILE

SHEET NO:

3-6

12/8/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 31\176085_PP02.dwg



GUADALUPE ST PLAN

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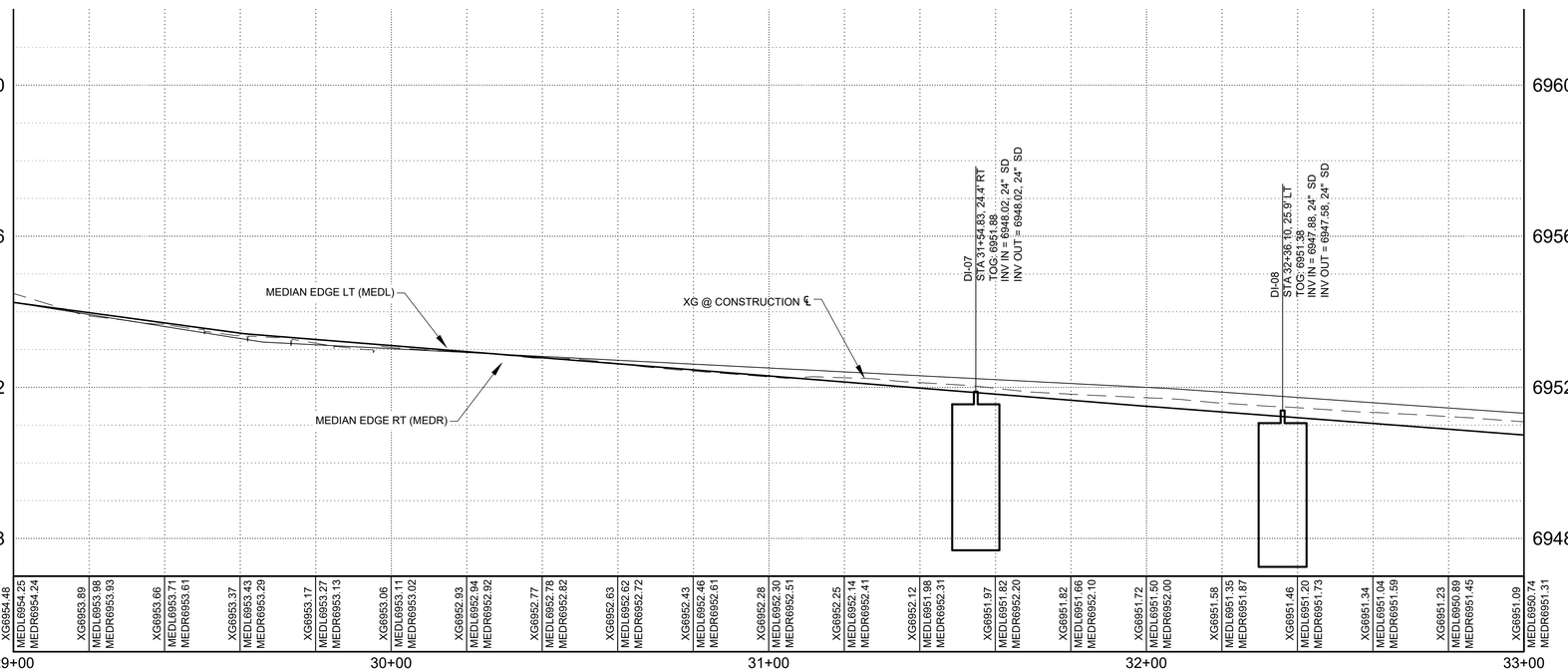
GUADALUPE ST PROFILE



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CONSULTANTS

SEAL
TYLER J. ASHTON
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23782
PROFESSIONAL ENGINEER
11/17/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

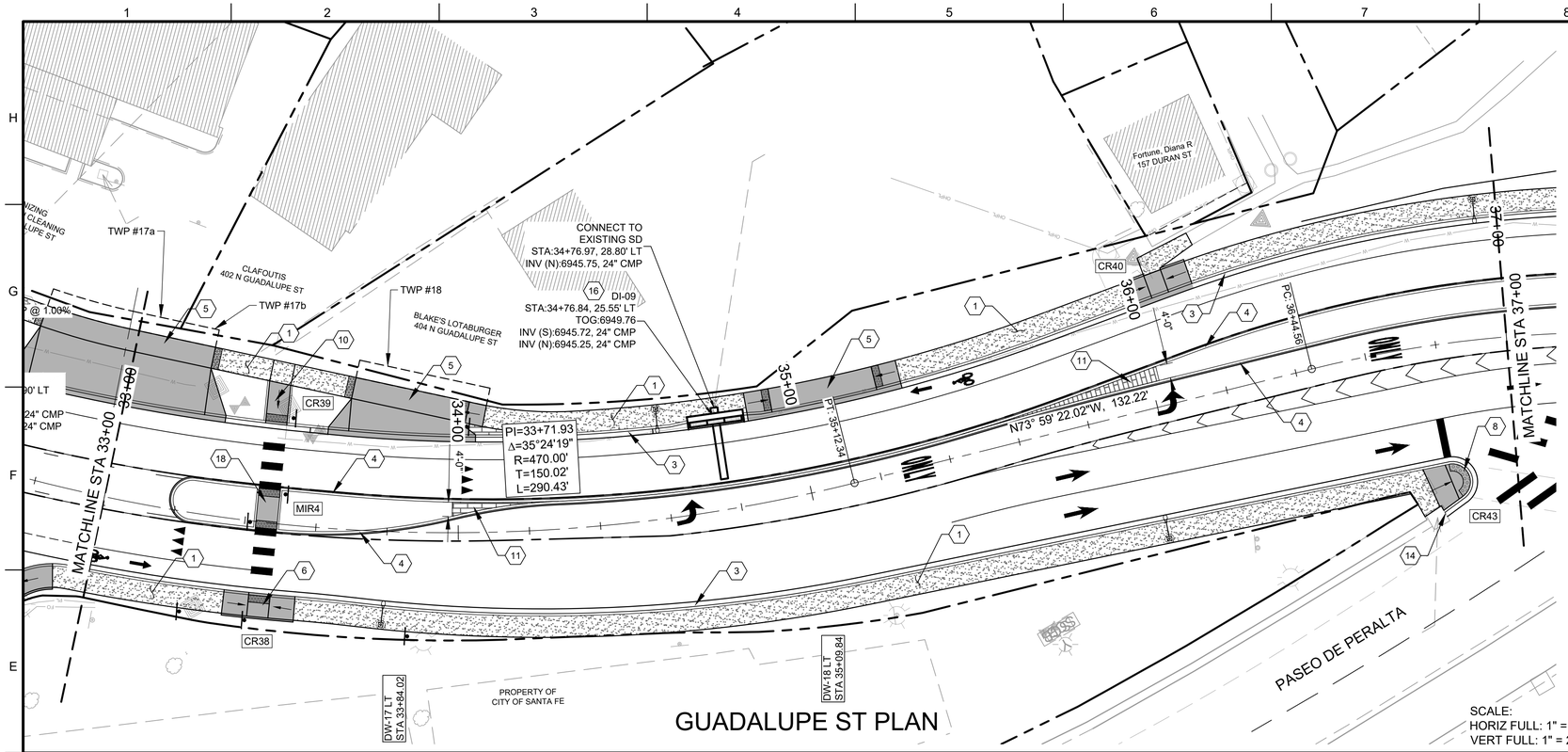
REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
ROADWAY PLAN & PROFILE

SHEET NO:
3-7

12/8/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\1760085_PP02.dwg



GUADALUPE ST PLAN

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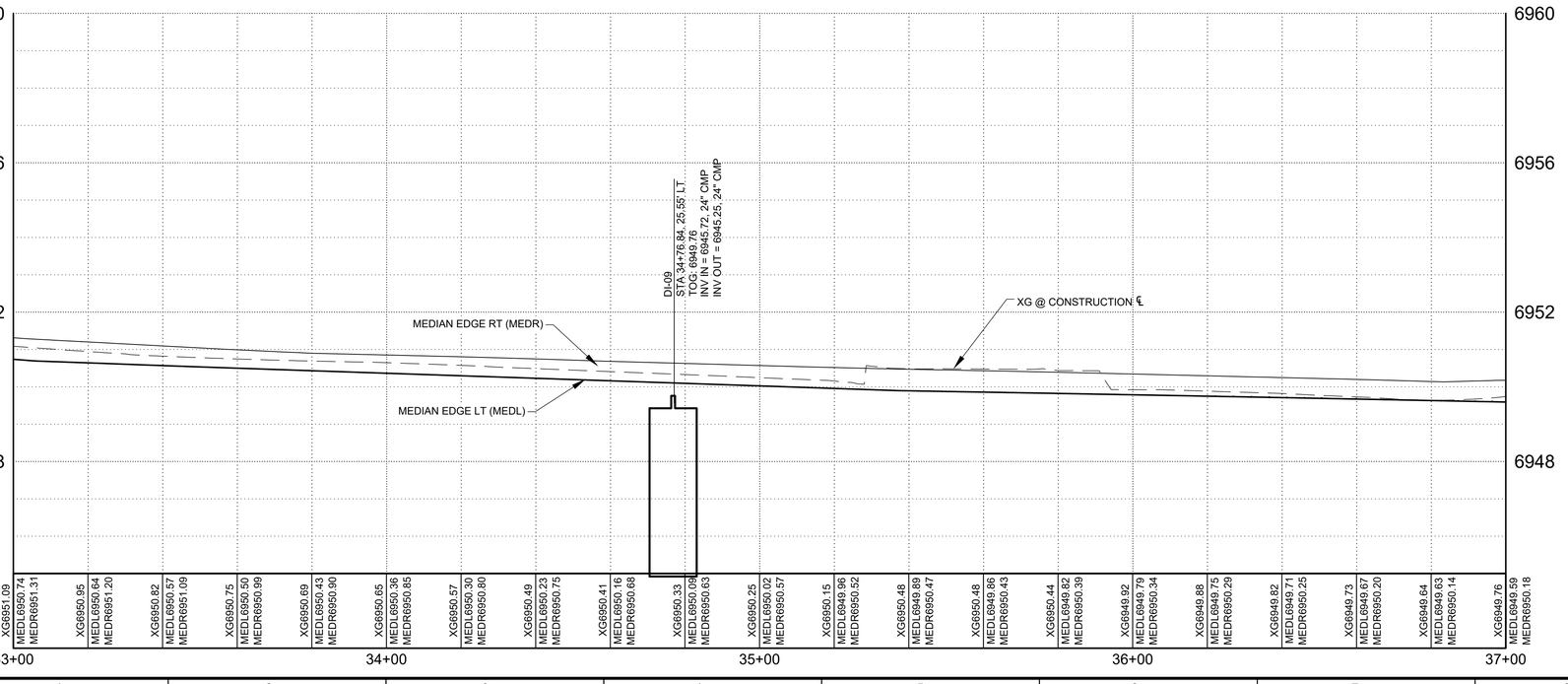
GUADALUPE ST PROFILE



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CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
07/29/2022

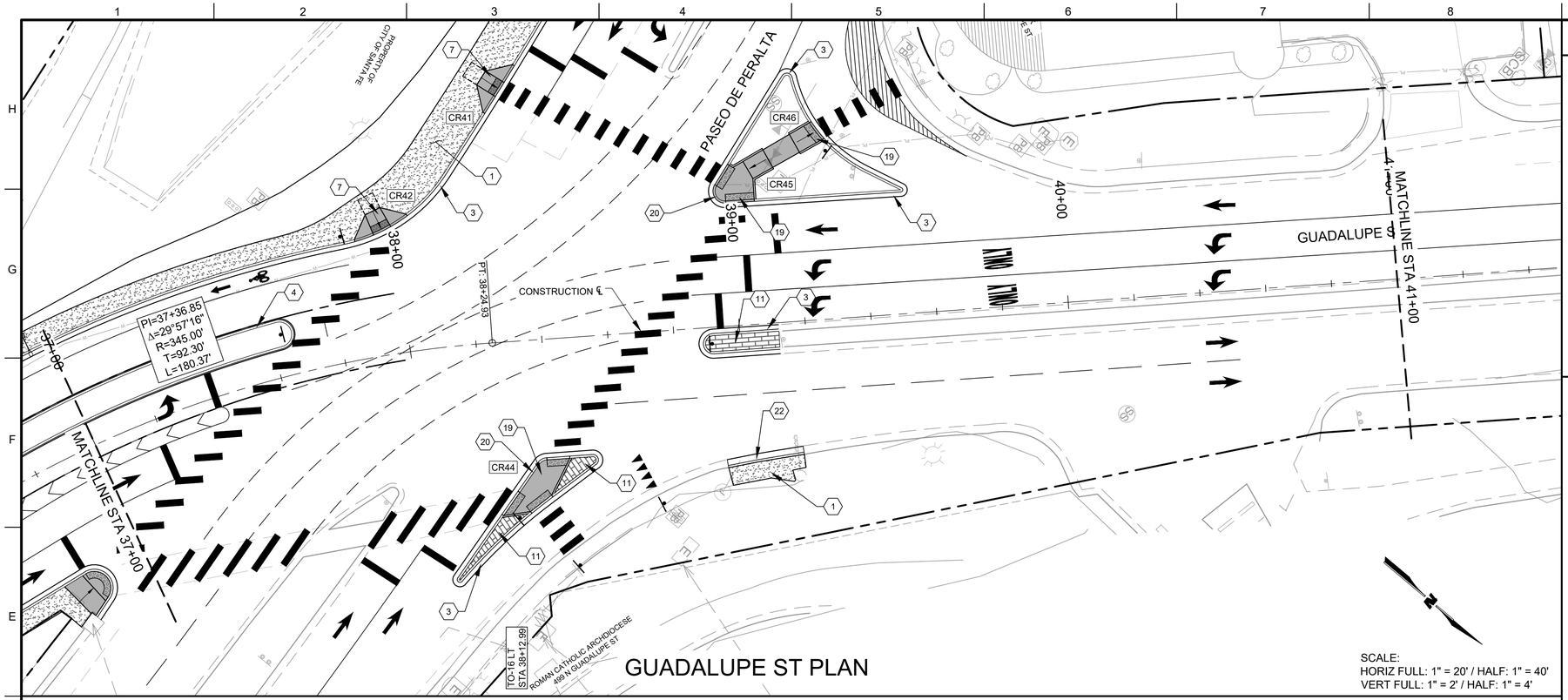
PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
ROADWAY PLAN & PROFILE

SHEET NO:
3-8



GUADALUPE ST PLAN

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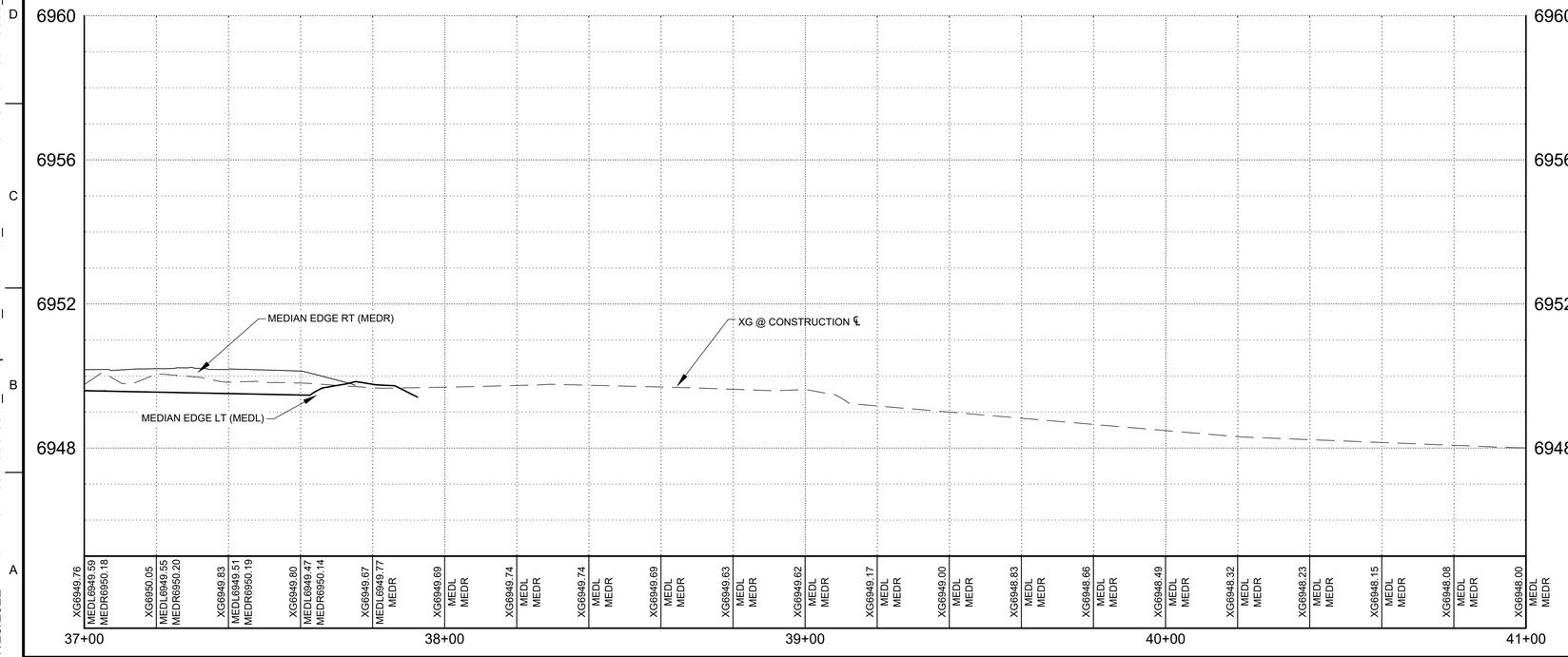
GUADALUPE ST PROFILE



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ROADWAY PLAN & PROFILE

SHEET NO:
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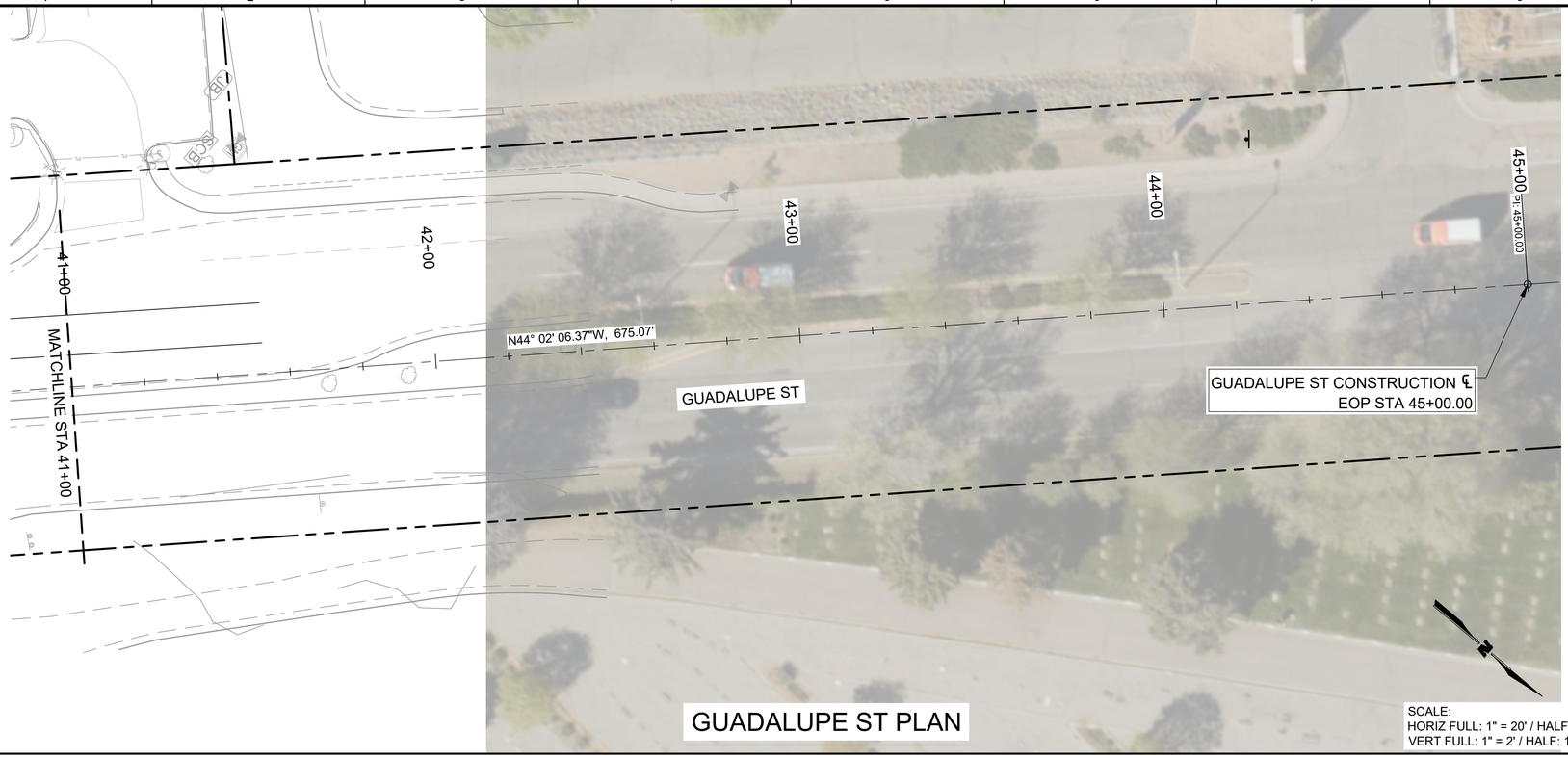
7/28/2022 M:\MSD17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\1760085_PP02.dwg



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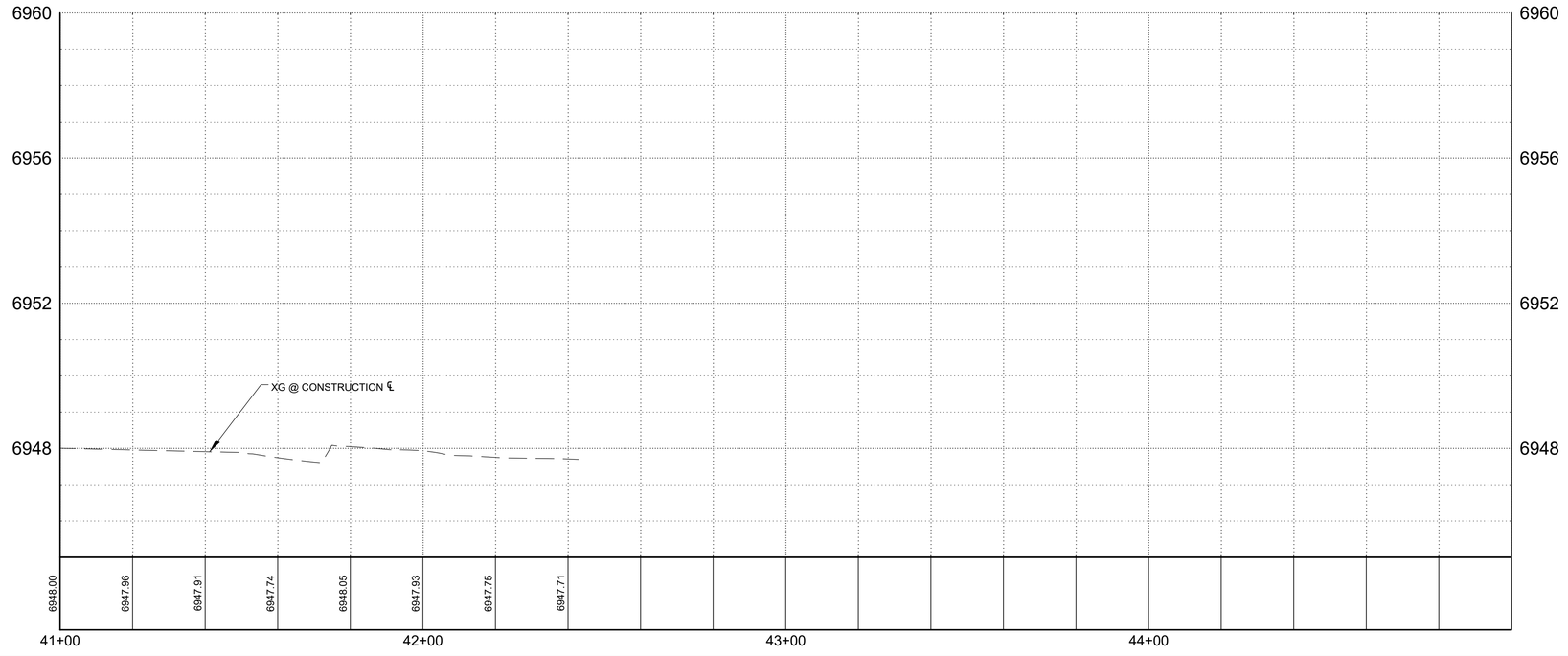

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KEYNOTES

1. 4" THICK COLORED CONCRETE SIDEWALK. SEE NMDOT STD DWG 609-01.
2. CONCRETE VERTICAL CURB AND GUTTER 6"x16". SEE SHEET 2-3.
3. CONCRETE VERTICAL CURB AND GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
4. CONCRETE VERTICAL CURB AND GUTTER 6"x12". SEE SHEET 2-3.
5. DRIVE PAD 6" (COLORED). SEE SHEETS 2-33 THRU 2-36.
6. ADA PARALLEL CURB RAMP. SEE SHEETS 2-37 THRU 2-48. REFER TO NMDOT 608-001 SERIES.
7. ADA SINGLE DIAGONAL PARALLEL CURB RAMP. SEE SHEETS 2-37 THRU 2-48. REFER TO NMDOT 608-001 SERIES.
8. ADA SINGLE DIAGONAL PERPENDICULAR CURB RAMP. SEE SHEETS 2-37 THRU 2-48. REFER TO NMDOT 608-001 SERIES.
9. ADA COMBINATION CURB RAMP. SEE SHEETS 2-37 THRU 2-48. REFER TO NMDOT 608-001 SERIES.
10. ADA PERPENDICULAR CURB RAMP. SEE SHEETS 2-37 THRU 2-48. REFER TO NMDOT 608-001 SERIES.
11. CONCRETE MEDIAN PAVEMENT 4" (COLORED AND PATTERNED). SEE SHEETS 2-25 THRU 2-27.
12. CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
13. HEADWALL / BRIDGE BARRIER. BY OTHERS.
14. SAWCUT NEAT LINE UP TO NEAREST JOINT.
15. CURB DROP INLET TYPE I-B, 0' TO 4'. REFER TO NMDOT 623-14 SERIES.
16. CURB DROP INLET TYPE III-B, 0' TO 4'. REFER TO NMDOT 623-14 SERIES.
17. CURB DROP INLET TYPE IV-B, 0' TO 4'. REFER TO NMDOT 623-14 SERIES.
18. CUT-THROUGH MEDIAN ISLAND OPENING. SEE SHEETS 2-25 THRU 2-27. REFER TO NMDOT 608-001 SERIES.
19. PEDESTRIAN REFUGE ISLAND CURB RAMP. SEE SHEETS 2-25 THRU 2-27. REFER TO NMDOT 608-001 SERIES.
20. RAISED CURB @ SIDEWALK / CURB RAMP.
21. CONCRETE LAYDOWN CURB 8". SEE SHEET 2-6.
22. CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.

LEGEND - PLAN

- CONSTRUCTION CL
- MEDIAN EDGE LEFT
- MEDIAN EDGE RIGHT
- EXISTING ROW
- PROPOSED 4" COLORED CONCRETE SIDEWALK
- PROPOSED COLORED DRIVEWAY / ADA RAMP
- PROPOSED 4" CONCRETE MEDIAN PAVEMENT COLORED & PATTERNED
- BRIDGE @ SANTA FE RIVER (BY OTHERS)

CR:	CURB RAMP
DW:	DRIVE WAY
DI:	DROP INLET
MIR:	MEDIAN ISLAND RAMP
TO:	TURNOUT
TOG:	TOP OF GRATE ELEVATION
MEDL:	MEDIAN EDGE LEFT ELEVATION
MEDR:	MEDIAN EDGE RIGHT ELEVATION
XG:	EXISTING GROUND ELEVATION

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

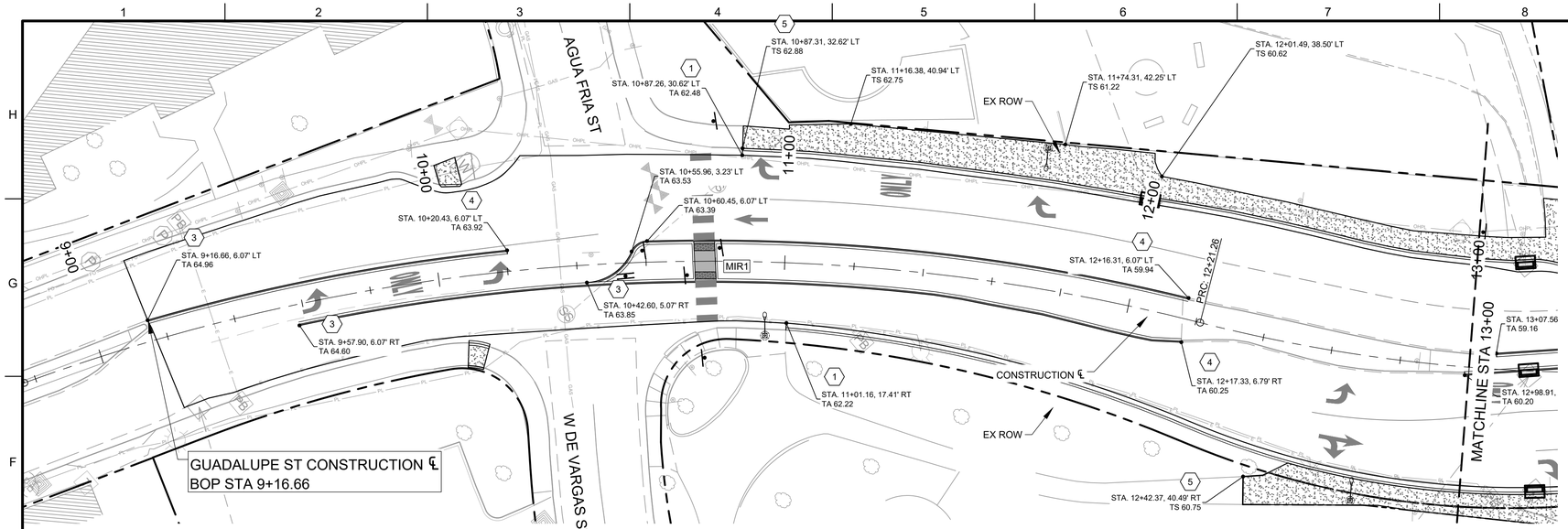
SHEET TITLE

ROADWAY PLAN & PROFILE

SHEET NO:

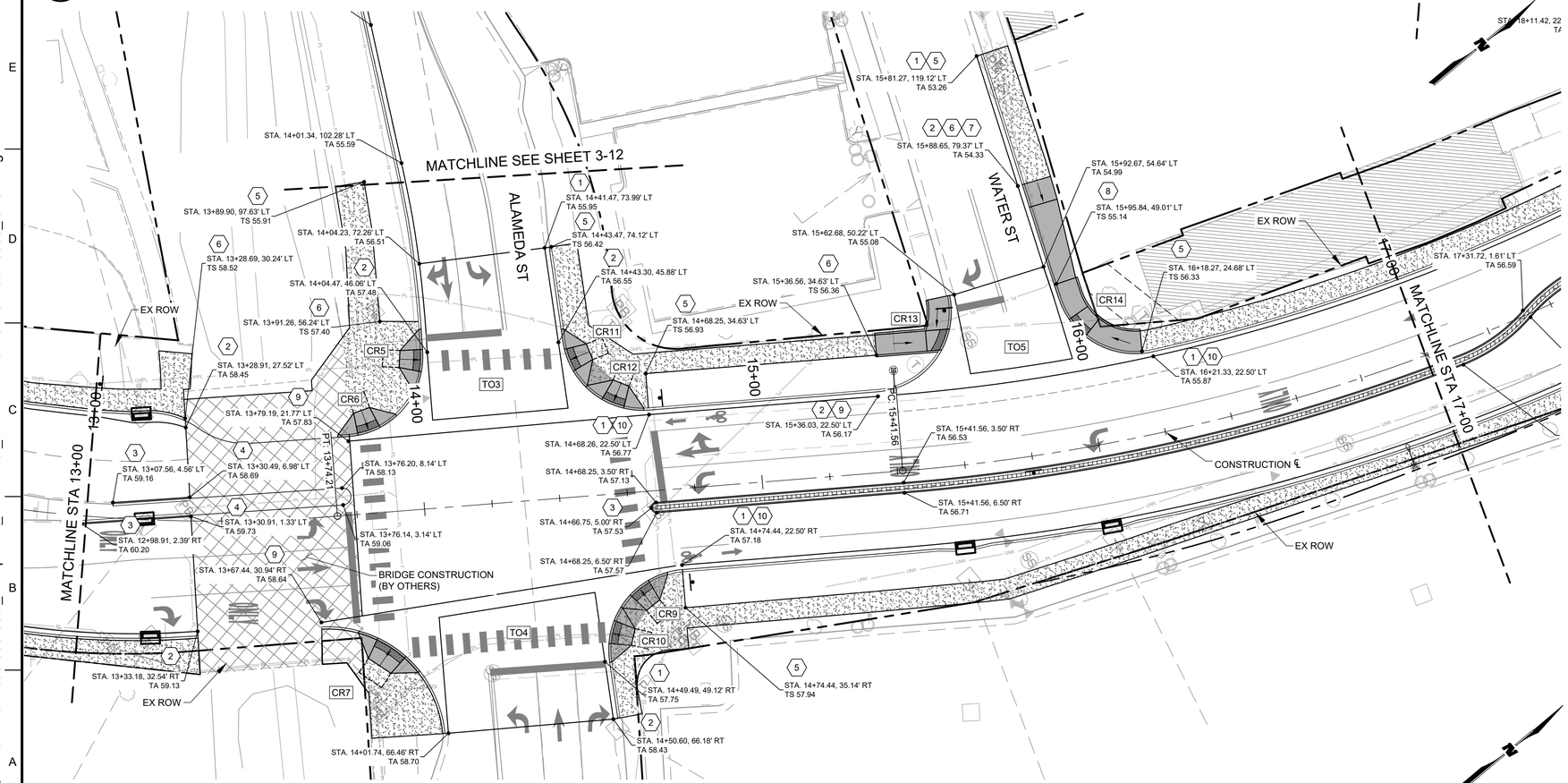
3-10

7/28/2022 M:\MSD17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\1760085_PP02.dwg



F1 CONCRETE FLATWORK LAYOUT

SCALE: FULL: 1" = 20' / HALF: 1" = 40'



A1 CONCRETE FLATWORK LAYOUT

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

GENERAL SHEET NOTES

1. FOR BUILD NOTES, REFER TO KEYNOTES ON ROADWAY PLAN & PROFILE SHEETS 3-2 THRU 3-9.
2. TOP OF ASPHALT (TA) STATION, OFFSET AND ELEVATION REFER TO LIP OF GUTTER UNLESS OTHER NOTED.
3. FOR TYPICAL SECTIONS & MISCELLANEOUS DETAILS, SEE SECTION 2 THIS SET OF PLANS.
4. FOR STORM DRAIN PLAN & PROFILES, SEE SECTION 3 THIS SET OF PLANS.
5. FOR TURNOUT / DRIVEWAY PROFILES, SEE SECTION 4 THIS SET OF PLANS.
6. FOR CONSTRUCTION SIGNING, SEE SECTION 6 THIS SET OF PLANS.
7. FOR PERMANENT SIGNING AND STRIPING, SEE SECTION 7 THIS SET OF PLANS.
8. FOR LIGHTING, SEE SECTION 8 THIS SET OF PLANS.
9. FOR SIGNALIZATION, SEE SECTION 9 THIS SET OF PLANS.
10. FOR UTILITIES, SEE SECTION 11 THIS SET OF PLANS.
11. FOR CROSS SECTIONS, SEE SECTION 13 THIS SET OF PLANS.

⬡ KEYNOTES

1. BEGIN CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
2. END CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
3. BEGIN CONCRETE VERTICAL CURB & GUTTER 6"x12". SEE SHEET 2-3.
4. END CONCRETE VERTICAL CURB & GUTTER 6"x12". SEE SHEET 2-3.
5. BEGIN CONCRETE SIDEWALK 4" (COLORED). SEE NMDOT STD DWG 609-01.
6. END CONCRETE SIDEWALK 4" (COLORED). SEE NMDOT STD DWG 609-01.
7. BEGIN DRIVE PAD 6". SEE NMDOT STD DWG 609-01.
8. END DRIVE PAD 6". SEE NMDOT STD DWG 609-01.
9. BEGIN CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
10. END CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
11. BEGIN CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.
12. END CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.
13. BEGIN LAYDOWN CURB 8". SEE SHEET 2-6.
14. END LAYDOWN CURB 8". SEE SHEET 2-6.
15. BEGIN CONCRETE VERTICAL CURB & GUTTER 6"x16". SEE SHEET 2-3.
16. END CONCRETE VERTICAL CURB & GUTTER 6"x16". SEE SHEET 2-3.
17. BEGIN CONCRETE SIDEWALK 6" (COLORED). SEE NMDOT STD DWG 609-01.
18. END CONCRETE SIDEWALK 6" (COLORED). SEE NMDOT STD DWG 609-01.

LEGEND

- CONSTRUCTION CL
- EXISTING ROW
- PROPOSED 4" COLORED SIDEWALK
- PROPOSED DRIVE PAD / ADA RAMP
- PROPOSED 4" CONCRETE MEDIAN PAVEMENT (COLORED & PATTERNED)
- BRIDGE CONSTRUCTION (BY OTHERS)

CR:	CURB RAMP
DW:	DRIVE WAY
DI:	DROP INLET
MIR:	MEDIAN ISLAND RAMP
TO:	TURNOUT
TA:	TOP OF ASPHALT ELEVATION
TC:	TOP OF CONCRETE ELEVATION
TS:	TOP OF SIDEWALK ELEVATION
ME:	MATCH EXISTING ELEVATION

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TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

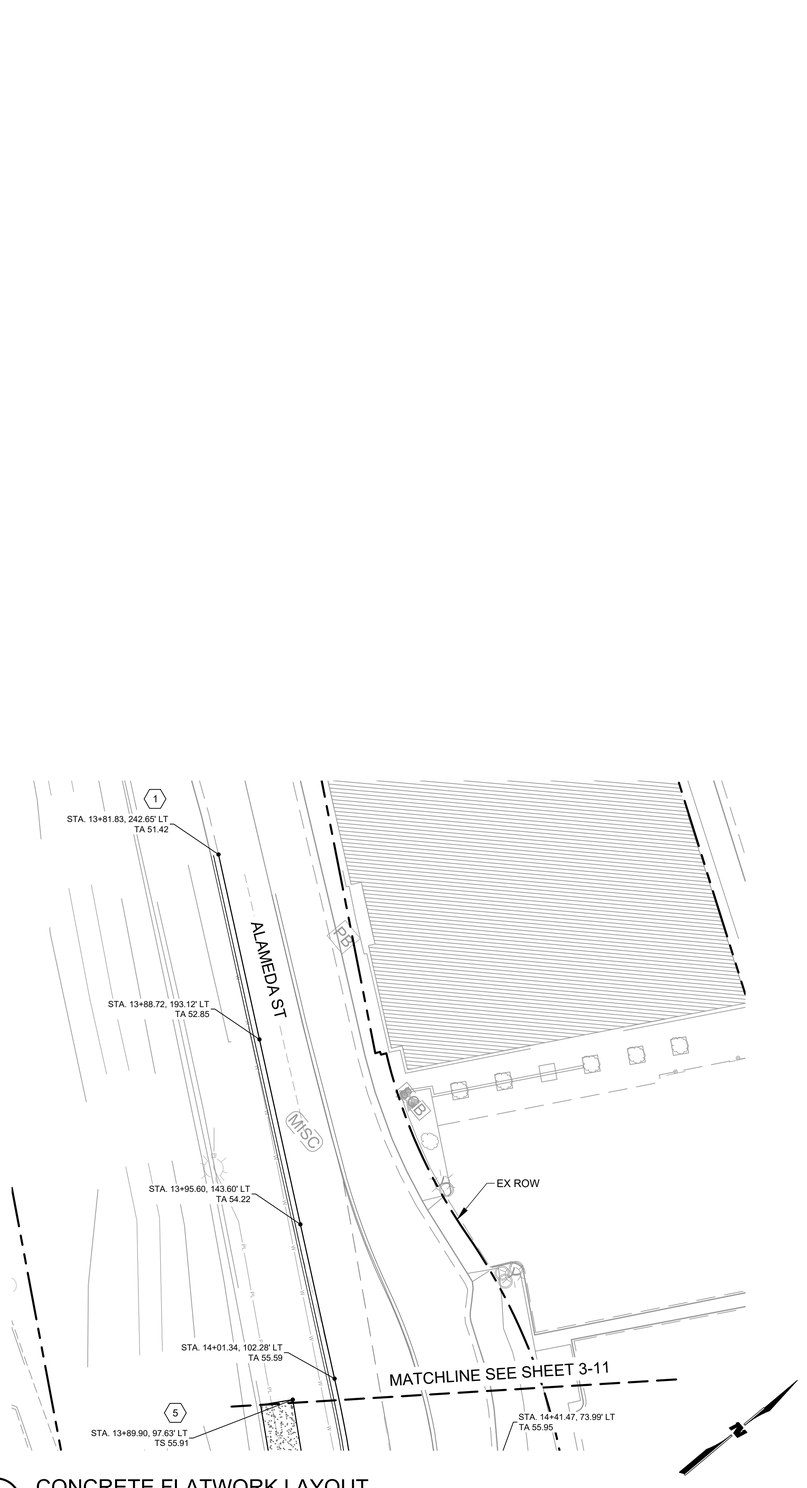
SHEET TITLE

CONCRETE FLATWORK LAYOUT

SHEET NO:

3-11

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\1760085_GD01.dwg



A5 CONCRETE FLATWORK LAYOUT

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

GENERAL SHEET NOTES

1. FOR BUILD NOTES, REFER TO KEYNOTES ON ROADWAY PLAN & PROFILE SHEETS 3-2 THRU 3-9.
2. TOP OF ASPHALT (TA) STATION, OFFSET AND ELEVATION REFER TO LIP OF GUTTER UNLESS OTHER NOTED.
3. FOR TYPICAL SECTIONS & MISCELLANEOUS DETAILS, SEE SECTION 2 THIS SET OF PLANS.
4. FOR STORM DRAIN PLAN & PROFILES, SEE SECTION 3 THIS SET OF PLANS.
5. FOR TURNOUT / DRIVEWAY PROFILES, SEE SECTION 4 THIS SET OF PLANS.
6. FOR CONSTRUCTION SIGNING, SEE SECTION 6 THIS SET OF PLANS.
7. FOR PERMANENT SIGNING AND STRIPING, SEE SECTION 7 THIS SET OF PLANS.
8. FOR LIGHTING, SEE SECTION 8 THIS SET OF PLANS.
9. FOR SIGNALIZATION, SEE SECTION 9 THIS SET OF PLANS.
10. FOR UTILITIES, SEE SECTION 11 THIS SET OF PLANS.
11. FOR CROSS SECTIONS, SEE SECTION 13 THIS SET OF PLANS.

KEYNOTES

1. BEGIN CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
2. END CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
3. BEGIN CONCRETE VERTICAL CURB & GUTTER 6"x12". SEE SHEET 2-3.
4. END CONCRETE VERTICAL CURB & GUTTER 6"x12". SEE SHEET 2-3.
5. BEGIN CONCRETE SIDEWALK 4" (COLORED). SEE NMDOT STD DWG 609-01.
6. END CONCRETE SIDEWALK 4" (COLORED). SEE NMDOT STD DWG 609-01.
7. BEGIN DRIVE PAD 6". SEE NMDOT STD DWG 609-01.
8. END DRIVE PAD 6". SEE NMDOT STD DWG 609-01.
9. BEGIN CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
10. END CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
11. BEGIN CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.
12. END CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.
13. BEGIN LAYDOWN CURB 8". SEE SHEET 2-6.
14. END LAYDOWN CURB 8". SEE SHEET 2-6.
15. BEGIN CONCRETE VERTICAL CURB & GUTTER 6"x16". SEE SHEET 2-3.
16. END CONCRETE VERTICAL CURB & GUTTER 6"x16". SEE SHEET 2-3.
17. BEGIN CONCRETE SIDEWALK 6" (COLORED). SEE NMDOT STD DWG 609-01.
18. END CONCRETE SIDEWALK 6" (COLORED). SEE NMDOT STD DWG 609-01.

LEGEND

- CONSTRUCTION CL
- EXISTING ROW
- PROPOSED 4" COLORED SIDEWALK
- PROPOSED DRIVE PAD / ADA RAMP
- PROPOSED 4" CONCRETE MEDIAN PAVEMENT (COLORED & PATTERNED)
- BRIDGE CONSTRUCTION (BY OTHERS)
- CR: CURB RAMP
- DW: DRIVE WAY
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- MIR: MEDIAN ISLAND RAMP
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07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

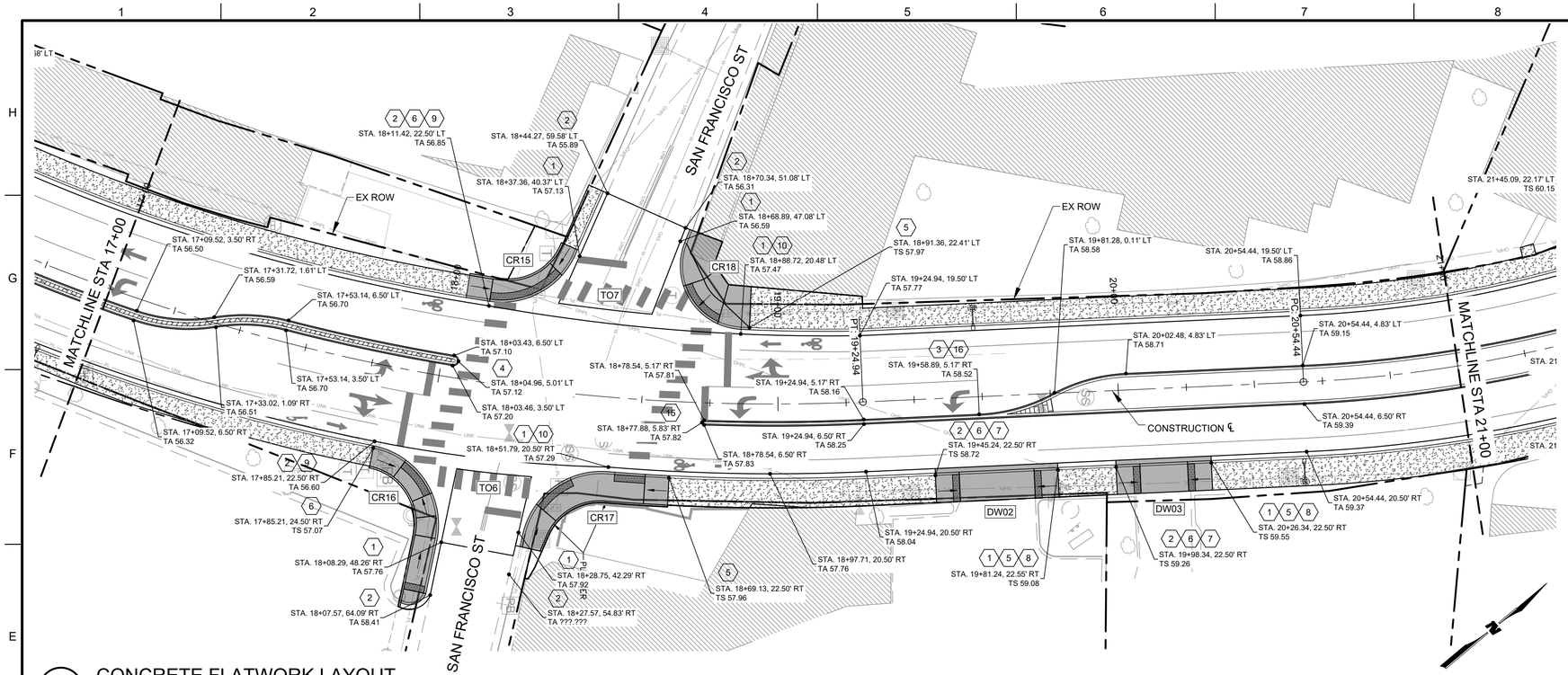
SHEET TITLE

CONCRETE FLATWORK LAYOUT

SHEET NO:

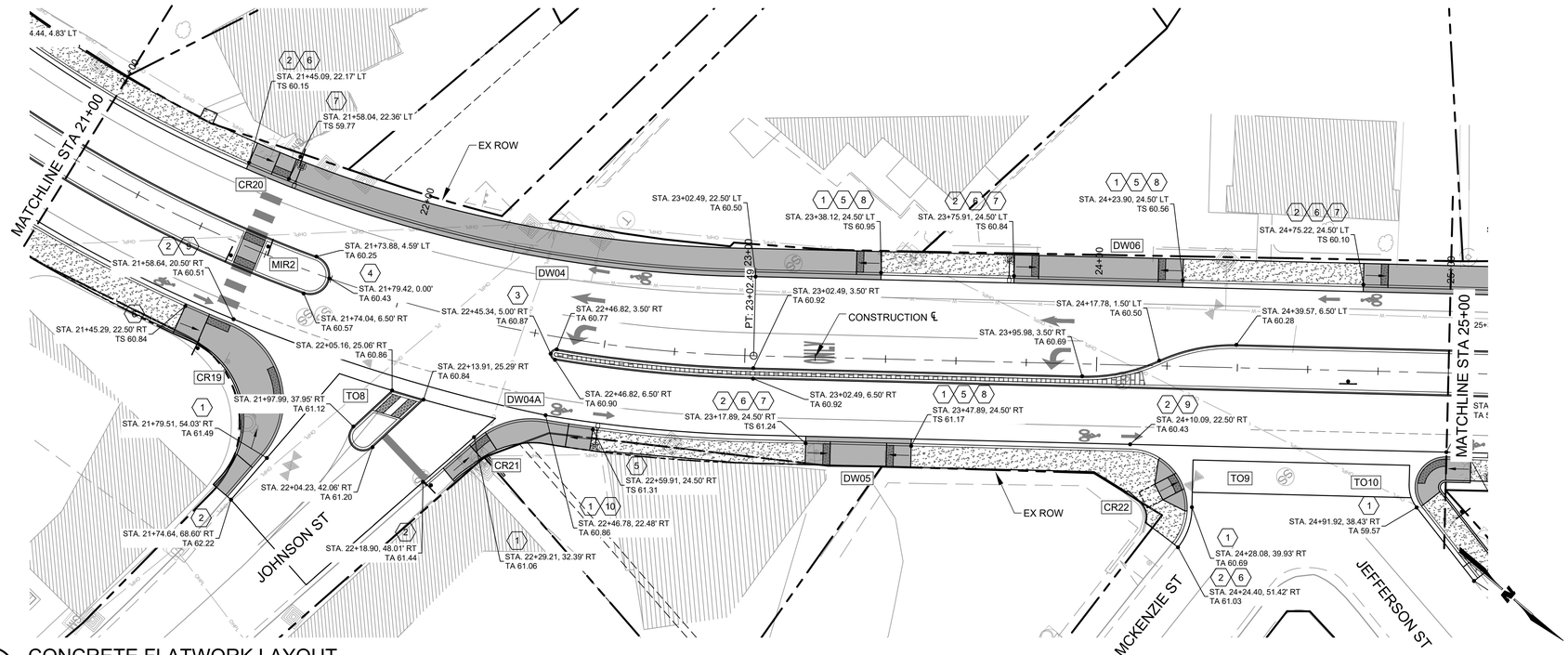
3-12

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\1760085_GD01.dwg



E1 CONCRETE FLATWORK LAYOUT

SCALE: FULL: 1" = 20' / HALF: 1" = 40'



A1 CONCRETE FLATWORK LAYOUT

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

GENERAL SHEET NOTES

1. FOR BUILD NOTES, REFER TO KEYNOTES ON ROADWAY PLAN & PROFILE SHEETS 3-2 THRU 3-9.
2. TOP OF ASPHALT (TA) STATION, OFFSET AND ELEVATION REFER TO LIP OF GUTTER UNLESS OTHER NOTED.
3. FOR TYPICAL SECTIONS & MISCELLANEOUS DETAILS, SEE SECTION 2 THIS SET OF PLANS.
4. FOR STORM DRAIN PLAN & PROFILES, SEE SECTION 3 THIS SET OF PLANS.
5. FOR TURNOUT / DRIVEWAY PROFILES, SEE SECTION 4 THIS SET OF PLANS.
6. FOR CONSTRUCTION SIGNING, SEE SECTION 6 THIS SET OF PLANS.
7. FOR PERMANENT SIGNING AND STRIPING, SEE SECTION 7 THIS SET OF PLANS.
8. FOR LIGHTING, SEE SECTION 8 THIS SET OF PLANS.
9. FOR SIGNALIZATION, SEE SECTION 9 THIS SET OF PLANS.
10. FOR UTILITIES, SEE SECTION 11 THIS SET OF PLANS.
11. FOR CROSS SECTIONS, SEE SECTION 13 THIS SET OF PLANS.

KEYNOTES

1. BEGIN CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
2. END CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
3. BEGIN CONCRETE VERTICAL CURB & GUTTER 6"x12". SEE SHEET 2-3.
4. END CONCRETE VERTICAL CURB & GUTTER 6"x12". SEE SHEET 2-3.
5. BEGIN CONCRETE SIDEWALK 4" (COLORED). SEE NMDOT STD DWG 609-01.
6. END CONCRETE SIDEWALK 4" (COLORED). SEE NMDOT STD DWG 609-01.
7. BEGIN DRIVE PAD 6". SEE NMDOT STD DWG 609-01.
8. END DRIVE PAD 6". SEE NMDOT STD DWG 609-01.
9. BEGIN CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
10. END CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
11. BEGIN CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.
12. END CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.
13. BEGIN LAYDOWN CURB 8". SEE SHEET 2-6.
14. END LAYDOWN CURB 8". SEE SHEET 2-6.
15. BEGIN CONCRETE VERTICAL CURB & GUTTER 6"x16". SEE SHEET 2-3.
16. END CONCRETE VERTICAL CURB & GUTTER 6"x16". SEE SHEET 2-3.
17. BEGIN CONCRETE SIDEWALK 6" (COLORED). SEE NMDOT STD DWG 609-01.
18. END CONCRETE SIDEWALK 6" (COLORED). SEE NMDOT STD DWG 609-01.

LEGEND

- CONSTRUCTION CL
- EXISTING ROW
- PROPOSED 4" COLORED SIDEWALK
- PROPOSED DRIVE PAD / ADA RAMP
- PROPOSED 4" CONCRETE MEDIAN PAVEMENT (COLORED & PATTERNED)
- BRIDGE CONSTRUCTION (BY OTHERS)
- CR: CURB RAMP
- DW: DRIVE WAY
- DI: DROP INLET
- MIR: MEDIAN ISLAND RAMP
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- TA: TOP OF ASPHALT ELEVATION
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CONSULTANTS

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15026
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST RECONSTRUCTION
SANTA FE, NM
CIP # 801B

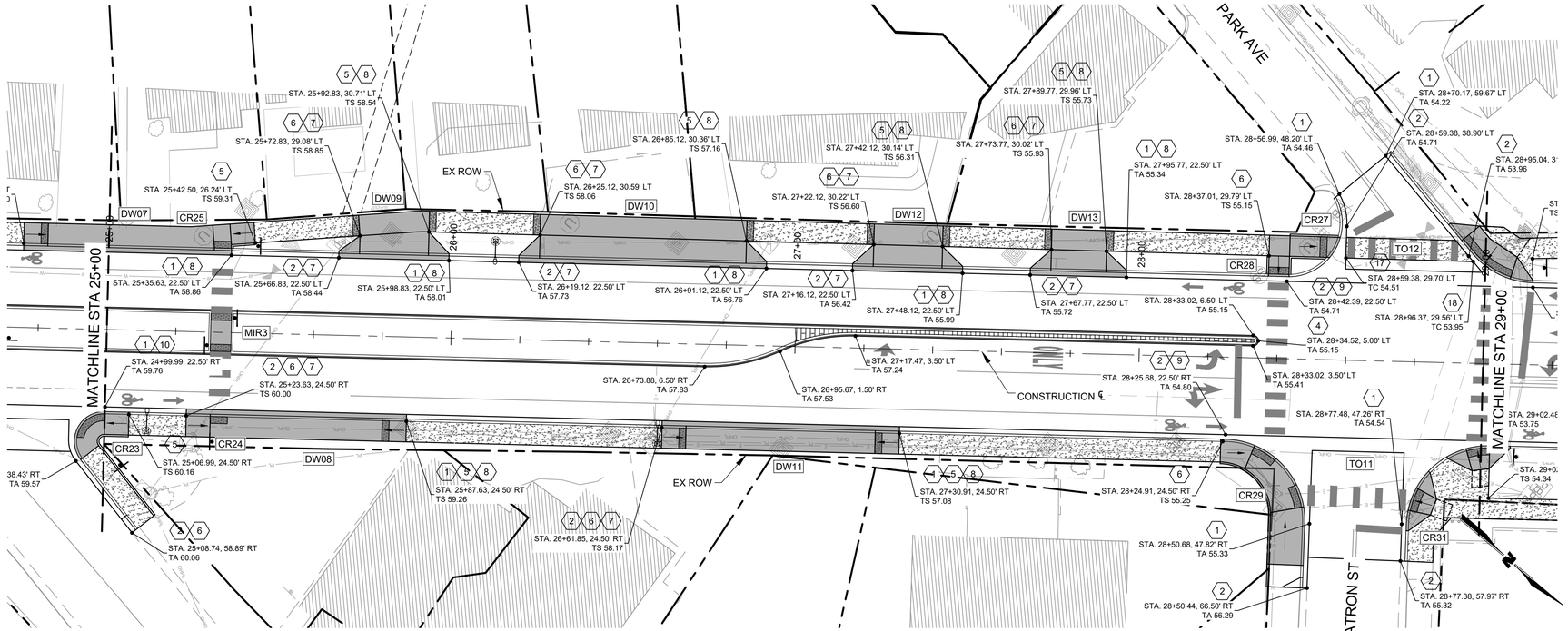
BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
CONCRETE FLATWORK LAYOUT

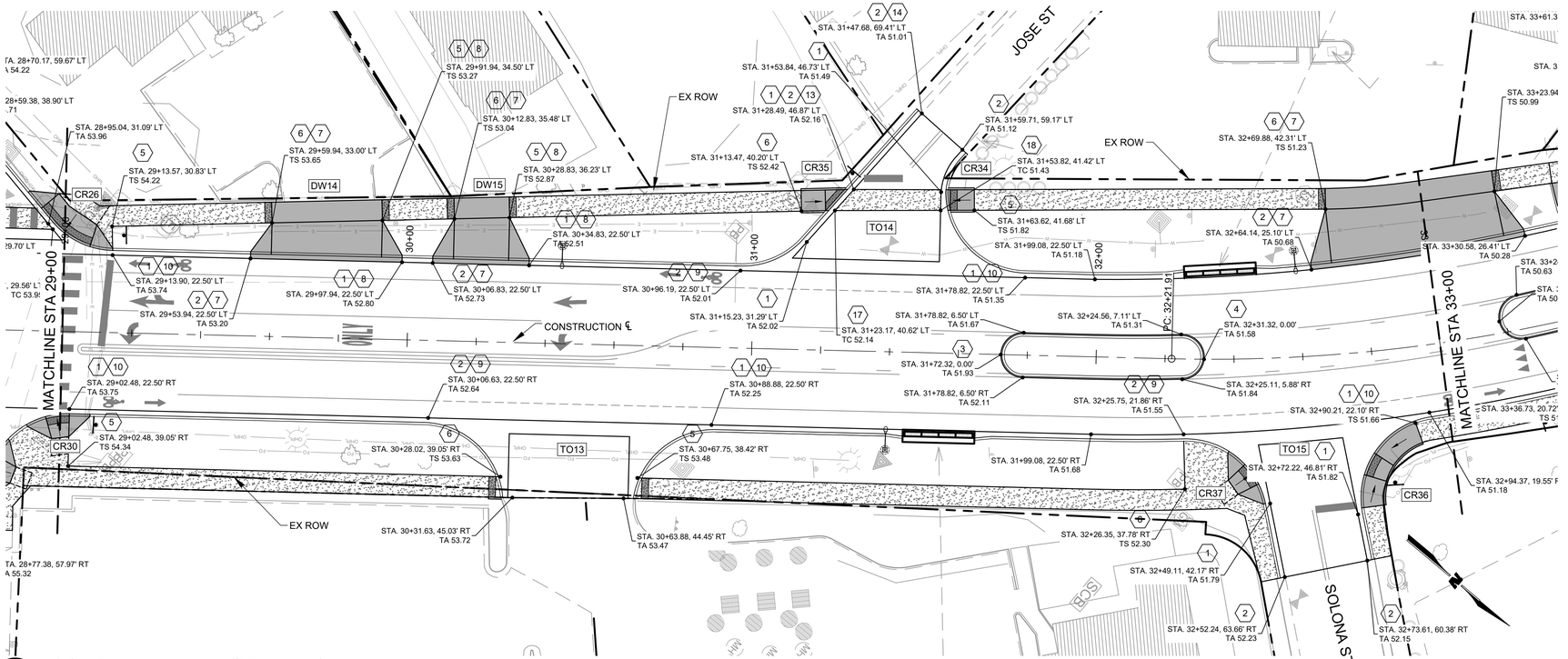
SHEET NO:
3-13

8/18/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\176085_GD01.dwg



E1 CONCRETE FLATWORK LAYOUT

SCALE: FULL: 1" = 20' / HALF: 1" = 40'



A1 CONCRETE FLATWORK LAYOUT

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

GENERAL SHEET NOTES

1. FOR BUILD NOTES, REFER TO KEYNOTES ON ROADWAY PLAN & PROFILE SHEETS 3-2 THRU 3-9.
2. TOP OF ASPHALT (TA) STATION, OFFSET AND ELEVATION REFER TO LIP OF GUTTER UNLESS OTHER NOTED.
3. FOR TYPICAL SECTIONS & MISCELLANEOUS DETAILS, SEE SECTION 2 THIS SET OF PLANS.
4. FOR STORM DRAIN PLAN & PROFILES, SEE SECTION 3 THIS SET OF PLANS.
5. FOR TURNOUT / DRIVEWAY PROFILES, SEE SECTION 4 THIS SET OF PLANS.
6. FOR CONSTRUCTION SIGNING, SEE SECTION 6 THIS SET OF PLANS.
7. FOR PERMANENT SIGNING AND STRIPING, SEE SECTION 7 THIS SET OF PLANS.
8. FOR LIGHTING, SEE SECTION 8 THIS SET OF PLANS.
9. FOR SIGNALIZATION, SEE SECTION 9 THIS SET OF PLANS.
10. FOR UTILITIES, SEE SECTION 11 THIS SET OF PLANS.
11. FOR CROSS SECTIONS, SEE SECTION 13 THIS SET OF PLANS.

KEYNOTES

1. BEGIN CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
2. END CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
3. BEGIN CONCRETE VERTICAL CURB & GUTTER 6"x12". SEE SHEET 2-3.
4. END CONCRETE VERTICAL CURB & GUTTER 6"x12". SEE SHEET 2-3.
5. BEGIN CONCRETE SIDEWALK 4" (COLORED). SEE NMDOT STD DWG 609-01.
6. END CONCRETE SIDEWALK 4" (COLORED). SEE NMDOT STD DWG 609-01.
7. BEGIN DRIVE PAD 6". SEE NMDOT STD DWG 609-01.
8. END DRIVE PAD 6". SEE NMDOT STD DWG 609-01.
9. BEGIN CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
10. END CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
11. BEGIN CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.
12. END CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.
13. BEGIN LAYDOWN CURB 8". SEE SHEET 2-6.
14. END LAYDOWN CURB 8". SEE SHEET 2-6.
15. BEGIN CONCRETE VERTICAL CURB & GUTTER 6"x16". SEE SHEET 2-3.
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18. END CONCRETE SIDEWALK 6" (COLORED). SEE NMDOT STD DWG 609-01.

LEGEND

- CONSTRUCTION CL
- EXISTING ROW
- PROPOSED 4" COLORED SIDEWALK
- PROPOSED DRIVE PAD / ADA RAMP
- PROPOSED 4" CONCRETE MEDIAN PAVEMENT (COLORED & PATTERNED)
- BRIDGE CONSTRUCTION (BY OTHERS)

CR:	CURB RAMP
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CIP # 801B

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DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

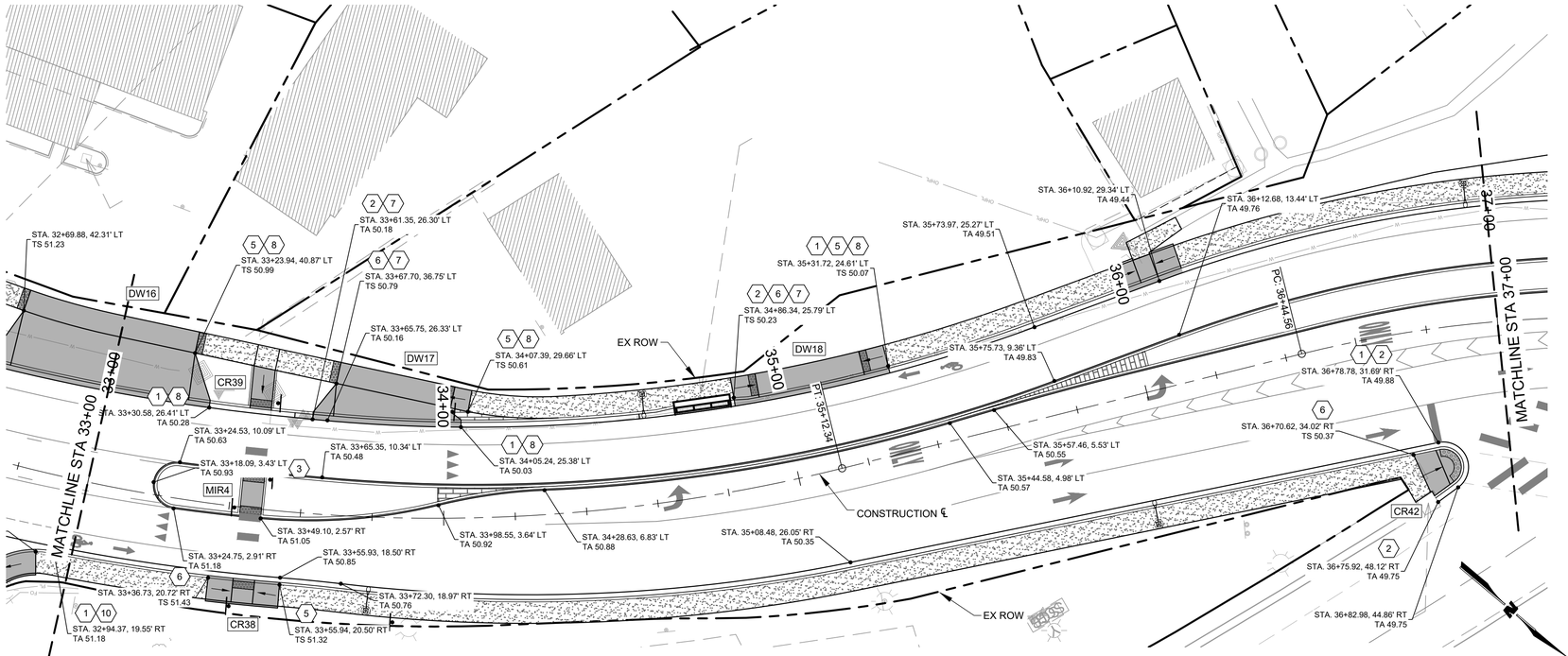
SHEET TITLE

CONCRETE FLATWORK LAYOUT

SHEET NO:

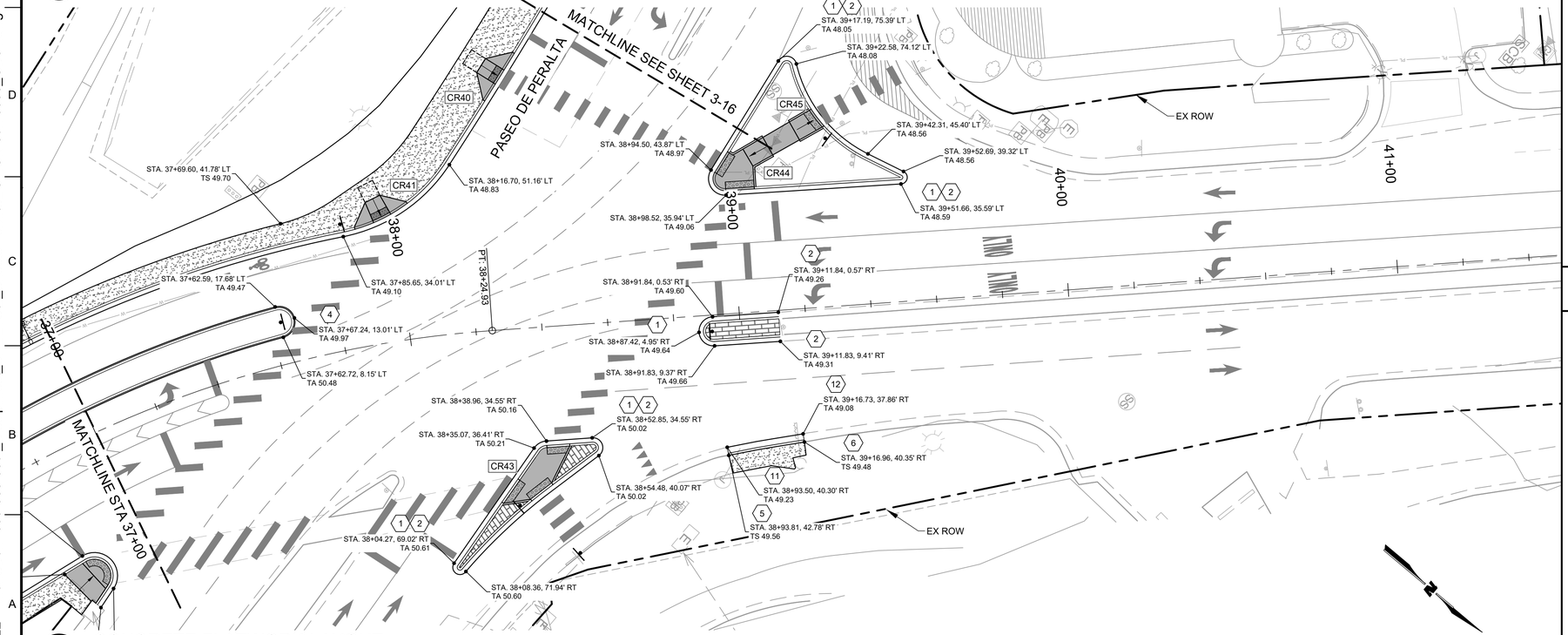
3-14

8/18/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\1760085_GD01.dwg



E1 CONCRETE FLATWORK LAYOUT

SCALE: FULL: 1" = 20' / HALF: 1" = 40'



A1 CONCRETE FLATWORK LAYOUT

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

GENERAL SHEET NOTES

1. FOR BUILD NOTES, REFER TO KEYNOTES ON ROADWAY PLAN & PROFILE SHEETS 3-2 THRU 3-9.
2. TOP OF ASPHALT (TA) STATION, OFFSET AND ELEVATION REFER TO LIP OF GUTTER UNLESS OTHER NOTED.
3. FOR TYPICAL SECTIONS & MISCELLANEOUS DETAILS, SEE SECTION 2 THIS SET OF PLANS.
4. FOR STORM DRAIN PLAN & PROFILES, SEE SECTION 3 THIS SET OF PLANS.
5. FOR TURNOUT / DRIVEWAY PROFILES, SEE SECTION 4 THIS SET OF PLANS.
6. FOR CONSTRUCTION SIGNING, SEE SECTION 6 THIS SET OF PLANS.
7. FOR PERMANENT SIGNING AND STRIPING, SEE SECTION 7 THIS SET OF PLANS.
8. FOR LIGHTING, SEE SECTION 8 THIS SET OF PLANS.
9. FOR SIGNALIZATION, SEE SECTION 9 THIS SET OF PLANS.
10. FOR UTILITIES, SEE SECTION 11 THIS SET OF PLANS.
11. FOR CROSS SECTIONS, SEE SECTION 13 THIS SET OF PLANS.

KEYNOTES

1. BEGIN CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
2. END CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
3. BEGIN CONCRETE VERTICAL CURB & GUTTER 6"x12". SEE SHEET 2-3.
4. END CONCRETE VERTICAL CURB & GUTTER 6"x12". SEE SHEET 2-3.
5. BEGIN CONCRETE SIDEWALK 4" (COLORED). SEE NMDOT STD DWG 609-01.
6. END CONCRETE SIDEWALK 4" (COLORED). SEE NMDOT STD DWG 609-01.
7. BEGIN DRIVE PAD 6". SEE NMDOT STD DWG 609-01.
8. END DRIVE PAD 6". SEE NMDOT STD DWG 609-01.
9. BEGIN CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
10. END CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
11. BEGIN CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.
12. END CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.
13. BEGIN LAYDOWN CURB 8". SEE SHEET 2-6.
14. END LAYDOWN CURB 8". SEE SHEET 2-6.
15. BEGIN CONCRETE VERTICAL CURB & GUTTER 6"x16". SEE SHEET 2-3.
16. END CONCRETE VERTICAL CURB & GUTTER 6"x16". SEE SHEET 2-3.
17. BEGIN CONCRETE SIDEWALK 6" (COLORED). SEE NMDOT STD DWG 609-01.
18. END CONCRETE SIDEWALK 6" (COLORED). SEE NMDOT STD DWG 609-01.

LEGEND

- CONSTRUCTION CL
- EXISTING ROW
- PROPOSED 4" COLORED SIDEWALK
- PROPOSED DRIVE PAD / ADA RAMP
- PROPOSED 4" CONCRETE MEDIAN PAVEMENT (COLORED & PATTERNED)
- BRIDGE CONSTRUCTION (BY OTHERS)

CR:	CURB RAMP
DW:	DRIVE WAY
DI:	DROP INLET
MIR:	MEDIAN ISLAND RAMP
TO:	TURNOUT
TA:	TOP OF ASPHALT ELEVATION
TC:	TOP OF CONCRETE ELEVATION
TS:	TOP OF SIDEWALK ELEVATION
ME:	MATCH EXISTING ELEVATION

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PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

CONCRETE FLATWORK LAYOUT

SHEET NO:

3-15

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\1760085_GD01.dwg

A4 CONCRETE FLATWORK LAYOUT

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

GENERAL SHEET NOTES

1. FOR BUILD NOTES, REFER TO KEYNOTES ON ROADWAY PLAN & PROFILE SHEETS 3-2 THRU 3-9.
2. TOP OF ASPHALT (TA) STATION, OFFSET AND ELEVATION REFER TO LIP OF GUTTER UNLESS OTHER NOTED.
3. FOR TYPICAL SECTIONS & MISCELLANEOUS DETAILS, SEE SECTION 2 THIS SET OF PLANS.
4. FOR STORM DRAIN PLAN & PROFILES, SEE SECTION 3 THIS SET OF PLANS.
5. FOR TURNOUT / DRIVEWAY PROFILES, SEE SECTION 4 THIS SET OF PLANS.
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10. FOR UTILITIES, SEE SECTION 11 THIS SET OF PLANS.
11. FOR CROSS SECTIONS, SEE SECTION 13 THIS SET OF PLANS.

KEYNOTES

1. BEGIN CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
2. END CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x24". SEE NMDOT STD DWG 609-01.
3. BEGIN CONCRETE VERTICAL CURB & GUTTER 6"x12". SEE SHEET 2-3.
4. END CONCRETE VERTICAL CURB & GUTTER 6"x12". SEE SHEET 2-3.
5. BEGIN CONCRETE SIDEWALK 4" (COLORED). SEE NMDOT STD DWG 609-01.
6. END CONCRETE SIDEWALK 4" (COLORED). SEE NMDOT STD DWG 609-01.
7. BEGIN DRIVE PAD 6". SEE NMDOT STD DWG 609-01.
8. END DRIVE PAD 6". SEE NMDOT STD DWG 609-01.
9. BEGIN CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
10. END CONCRETE VALLEY GUTTER 6"x48". SEE NMDOT STD DWG 609-01.
11. BEGIN CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.
12. END CONCRETE VERTICAL CURB & GUTTER TYPE B 6"x30". SEE NMDOT STD DWG 609-01.
13. BEGIN LAYDOWN CURB 8". SEE SHEET 2-6.
14. END LAYDOWN CURB 8". SEE SHEET 2-6.
15. BEGIN CONCRETE VERTICAL CURB & GUTTER 6"x16". SEE SHEET 2-3.
16. END CONCRETE VERTICAL CURB & GUTTER 6"x16". SEE SHEET 2-3.
17. BEGIN CONCRETE SIDEWALK 6" (COLORED). SEE NMDOT STD DWG 609-01.
18. END CONCRETE SIDEWALK 6" (COLORED). SEE NMDOT STD DWG 609-01.

LEGEND

	CONSTRUCTION CL
	EXISTING ROW
	PROPOSED 4" COLORED SIDEWALK
	PROPOSED DRIVE PAD / ADA RAMP
	PROPOSED 4" CONCRETE MEDIAN PAVEMENT (COLORED & PATTERNED)
	BRIDGE CONSTRUCTION (BY OTHERS)
CR:	CURB RAMP
DW:	DRIVE WAY
DI:	DROP INLET
MIR:	MEDIAN ISLAND RAMP
TO:	TURNOUT
TA:	TOP OF ASPHALT ELEVATION
TC:	TOP OF CONCRETE ELEVATION
TS:	TOP OF SIDEWALK ELEVATION
ME:	MATCH EXISTING ELEVATION

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CONSULTANTS

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NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
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SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

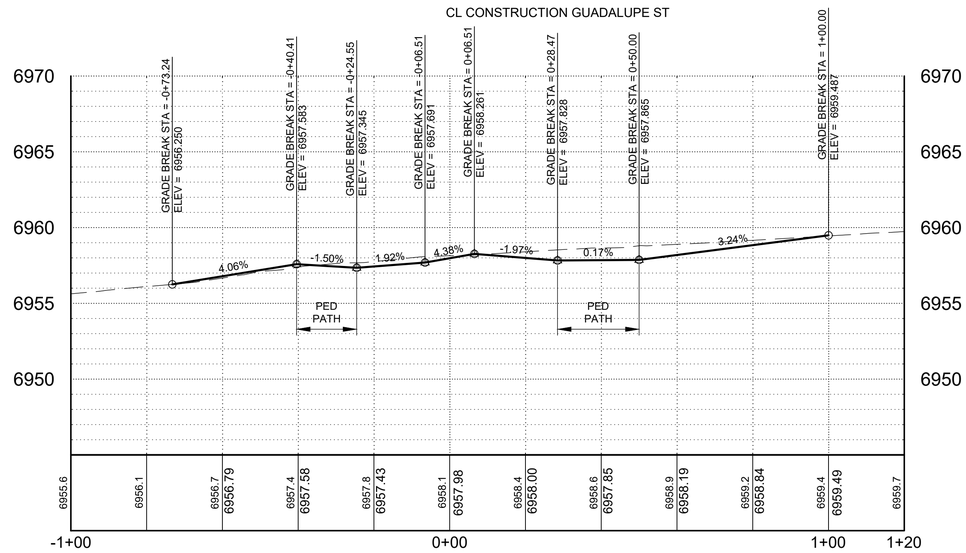
SHEET TITLE

CONCRETE FLATWORK LAYOUT

SHEET NO:

3-16

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 3\1760085_GD01.dwg



TO-03 STA: 14+22.01 - ALAMEDA ST
R = 25' LT & RT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS

TO-04 STA: 14+22.01 - ALAMEDA ST
R = 25' LT & RT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS

SCALE:
FULL:
PROFILE: HORIZ 1" = 20', VERT 1" = 5'
HALF:
PROFILE: HORIZ: 1" = 40' VERT 1" = 10'

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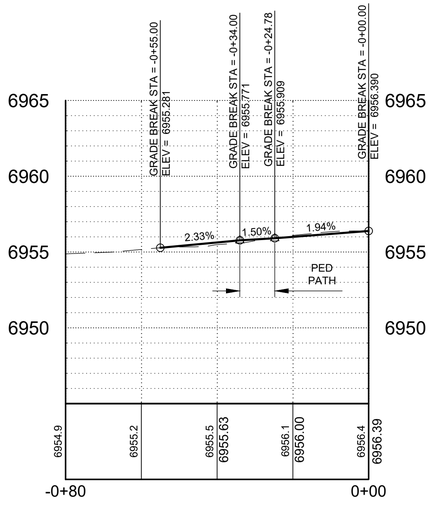
WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

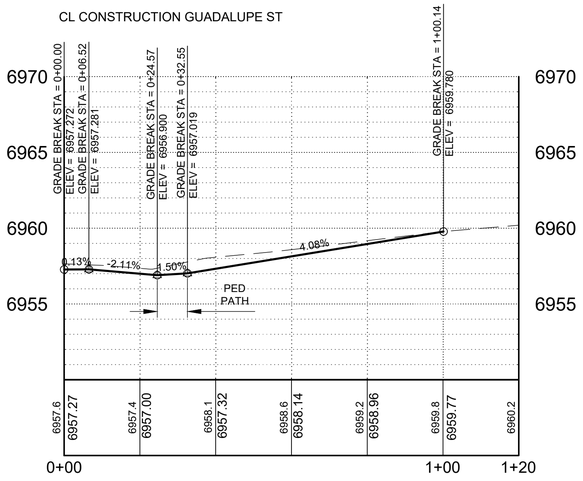
SHEET TITLE
TURNOUT PROFILES

SHEET NO:
4-1

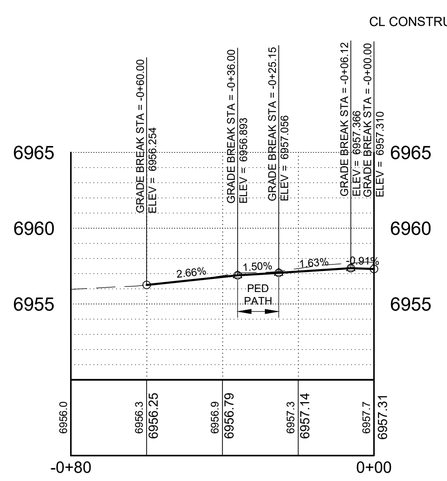
7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 4\1176085_MT01.dwg



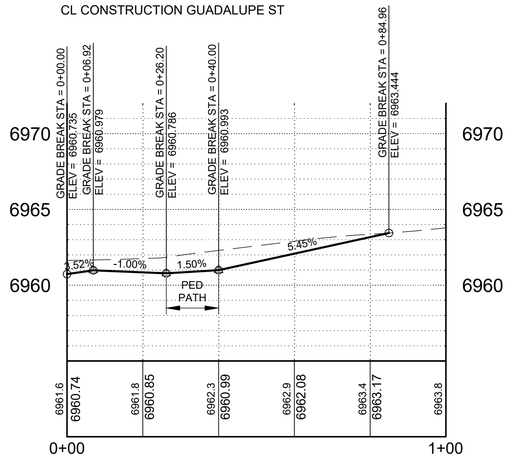
TO-05 STA: 15+86.50 - WATER ST
R = 25' LT & RT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



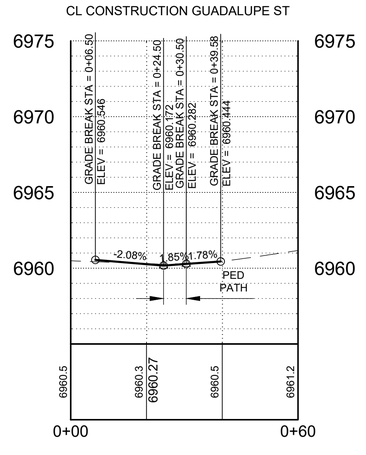
TO-06 STA: 18+21.64 - SAN FRANCISCO ST (EAST)
R = 25' LT & RT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



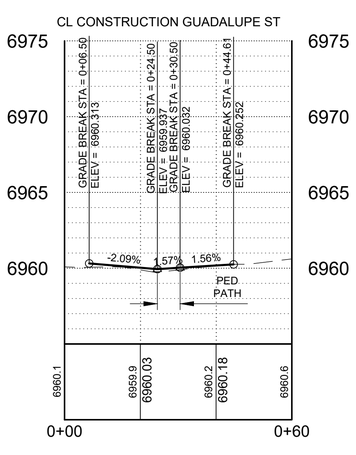
TO-07 STA: 18+33.25 - SAN FRANCISCO ST (WEST)
R = 25' LT & RT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



TO-08 STA: 22+15.04 - JOHNSON ST
R = 25' LT & RT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



TO-09 STA: 24+42.94 - MCKENZIE ST
R = 25' RT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



TO-10 STA: 24+73.71 - JEFFERSON ST
R = 10' LT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS

SCALE:
FULL:
PROFILE: HORIZ 1" = 20', VERT 1" = 5'
HALF:
PROFILE: HORIZ: 1" = 40' VERT 1" = 10'

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CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

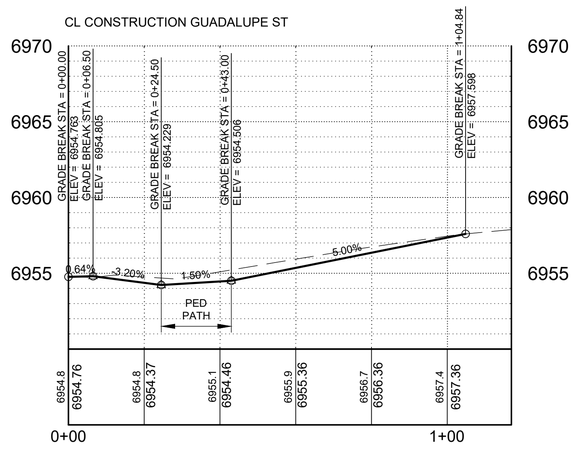
REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

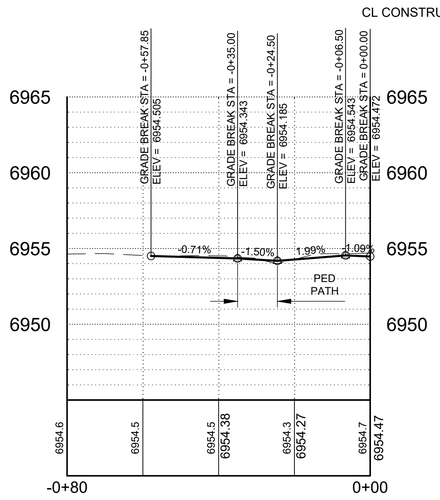
SHEET TITLE
TURNOUT PROFILES

SHEET NO:
4-2

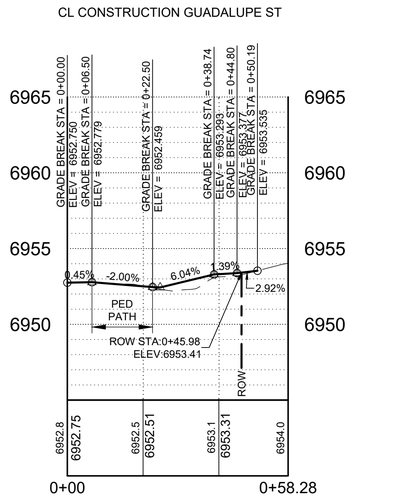
7/28/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 4\176085_MT01.dwg



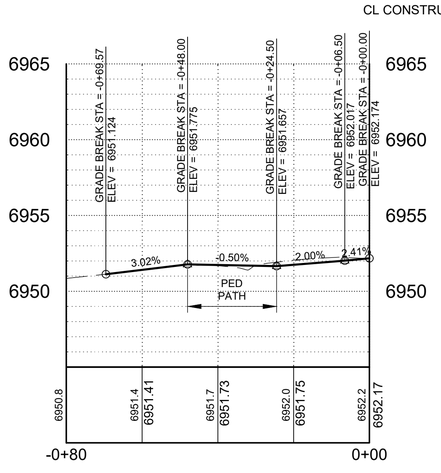
TO-11 STA: 28+64.75 - CATRON ST
R = 25' LT & RT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



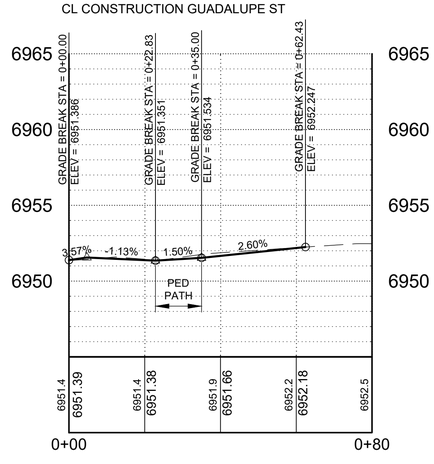
TO-12 STA: 28+78.17 - PARK AVE
R = 25' LT; 17' RT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



TO-13 STA: 30+47.76 - GAS STATION
R = 25' LT; 25' RT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



TO-14 STA: 31+35.33 - JOSE ST
R = 25' LT & RT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



TO-15 STA: 32+55.15 - SOLANA ST
R = 25' LT & RT
BUILD CONCRETE VALLEY GUTTER
SEE SHEET 4-7 FOR TURNOUT DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS

SCALE:
FULL:
PROFILE: HORIZ 1" = 20', VERT 1" = 5'
HALF:
PROFILE: HORIZ: 1" = 40' VERT 1" = 10'

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CONSULTANTS

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NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

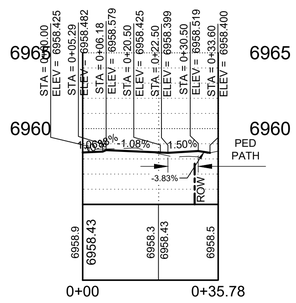
WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
TURNOUT PROFILES

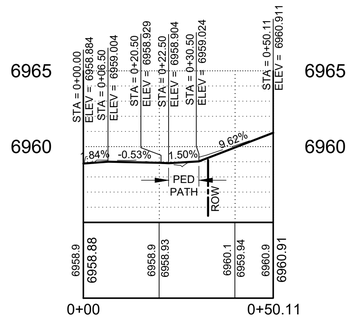
SHEET NO:
4-3

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 4\1760085_MT01.dwg

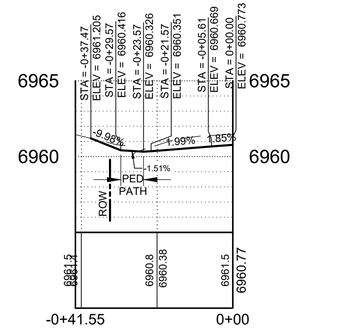
DRIVEWAY DW-01 (STA: 17-80.63) DELETED



DW-02 STA: 19+68.94
BUILD 22' WIDE DRIVEWAY
CUT CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



DW-03 STA: 20+18.04
BUILD 14' WIDE DRIVEWAY
CUT CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



DW-04 STA: 22+52.53
BUILD 178' WIDE DRIVEWAY
CUT CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS

DW-05 STA: 23+38.59
BUILD 16' WIDE DRIVEWAY
CUT CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS

DW-06 STA: 24+05.61
BUILD 34' WIDE DRIVEWAY
CUT CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS

DW-07 STA: 25+07.92
BUILD 41' WIDE DRIVEWAY
CUT CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS

DW-08 STA: 25+55.34
BUILD 62' WIDE DRIVEWAY
CUT CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS

SCALE:
FULL:
PROFILE: HORIZ 1" = 20', VERT 1" = 5'
HALF:
PROFILE: HORIZ: 1" = 40' VERT 1" = 10'

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CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
16 [illegible]
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

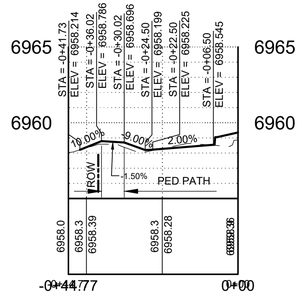
REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

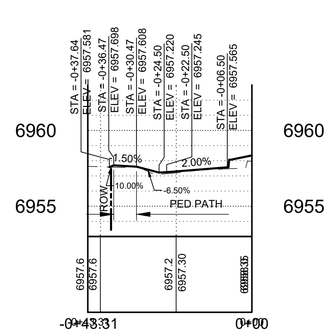
SHEET TITLE
DRIVEWAY PROFILES

SHEET NO:
4-4

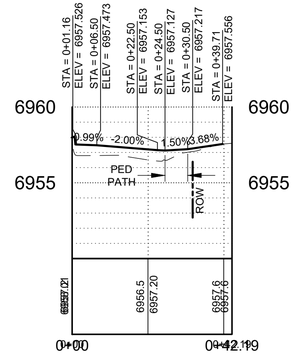
8/18/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 4\176085_MT03.dwg



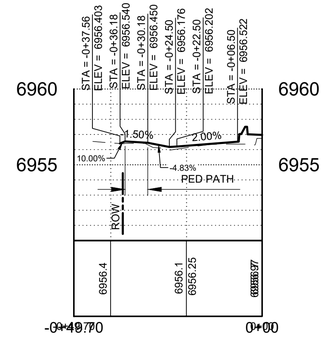
DW-09 STA: 25+88.53
BUILD 20' WIDE DRIVEWAY
FILL CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



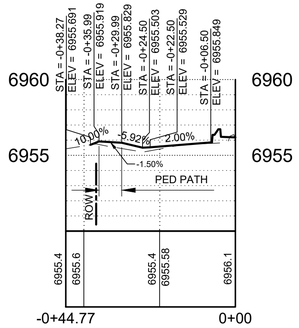
DW-10 STA: 26+60.83
BUILD 60' WIDE DRIVEWAY
FILL CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



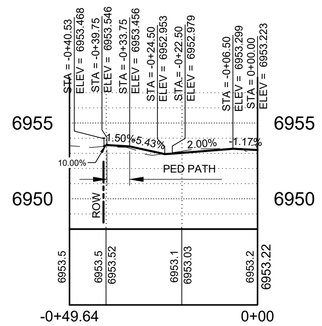
DW-11 STA: 27+02.11
BUILD 55' WIDE DRIVEWAY
CUT CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



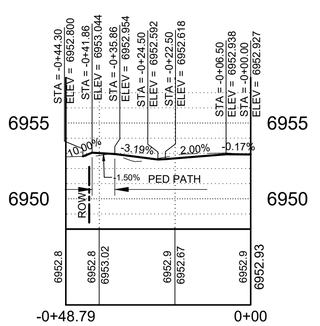
DW-12 STA: 27+37.83
BUILD 20' WIDE DRIVEWAY
FILL CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



DW-13 STA: 27+87.47
BUILD 16' WIDE DRIVEWAY
FILL CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



DW-14 STA: 29+81.64
BUILD 32' WIDE DRIVEWAY
FILL CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



DW-15 STA: 30+26.53
BUILD 16' WIDE DRIVEWAY
FILL CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS

SCALE:
FULL:
PROFILE: HORIZ 1" = 20', VERT 1" = 5'
HALF:
PROFILE: HORIZ: 1" = 40' VERT 1" = 10'

WILSON & COMPANY
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ALBUQUERQUE, NM 87109
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FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
16278
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

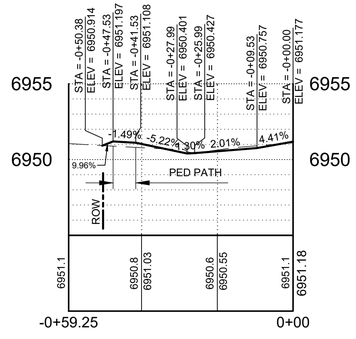
REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

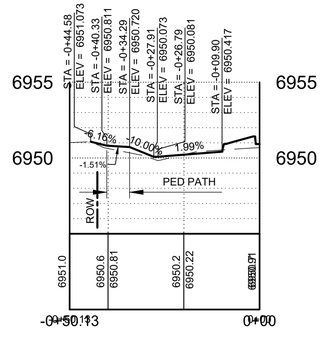
SHEET TITLE
DRIVEWAY PROFILES

SHEET NO:
4-5

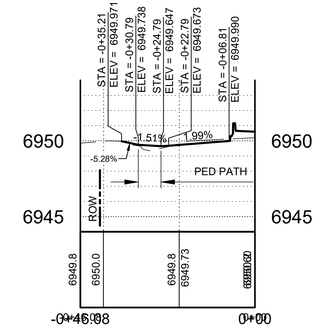
8/18/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 4\1176085_MT03.dwg



DW-16 STA: 33+02.92
BUILD 54' WIDE DRIVEWAY
FILL CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



DW-17 STA: 33+89.73
BUILD 32' WIDE DRIVEWAY
FILL CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS



DW-18 STA: 35+15.54
BUILD 32' WIDE DRIVEWAY
FILL CONDITION
SEE SHEET 4-8 FOR DRIVEWAY DETAILS
SEE SHEETS 2-29 THRU 2-36 FOR TURNOUT / DRIVEWAY DETAILS

SCALE:
FULL:
PROFILE: HORIZ 1" = 20', VERT 1" = 5'
HALF:
PROFILE: HORIZ: 1" = 40' VERT 1" = 10'

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ALBUQUERQUE, NM 87109
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FAX: 505-348-4072
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CONSULTANTS

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TYLER J. ASHTON
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23782
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

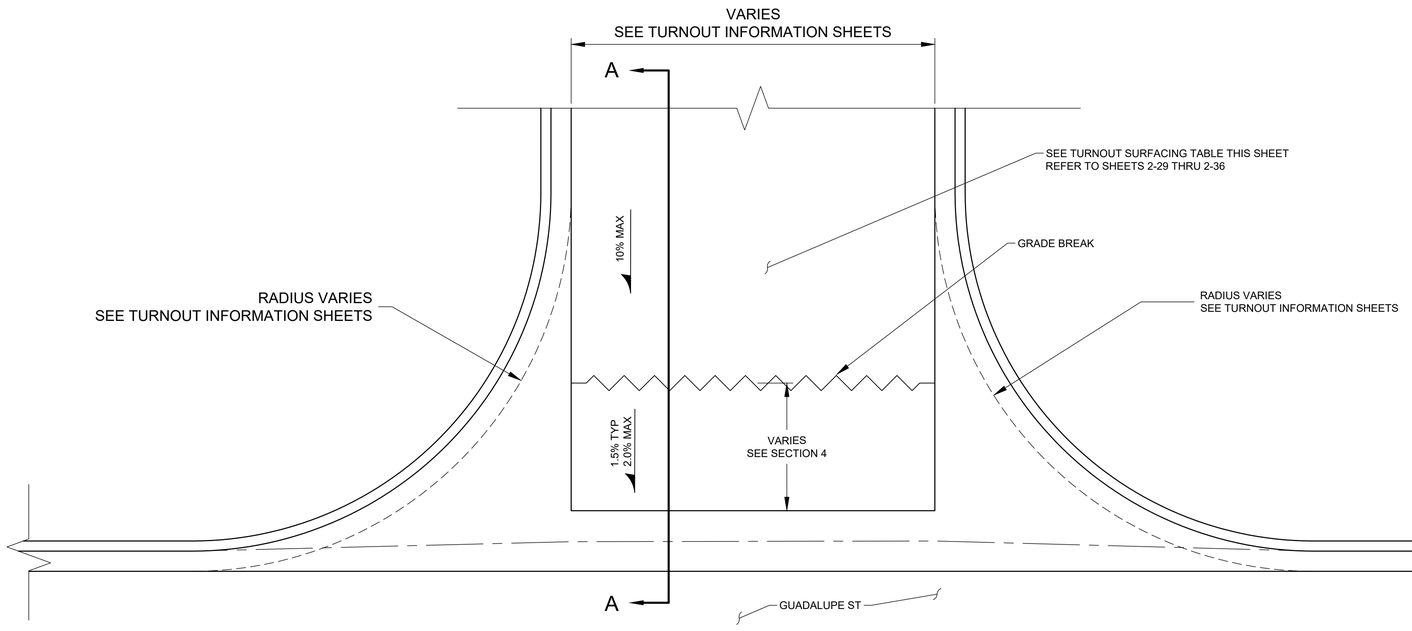
	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
DRIVEWAY PROFILES

SHEET NO:
4-6

8/18/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 4\1760085_MT03.dwg

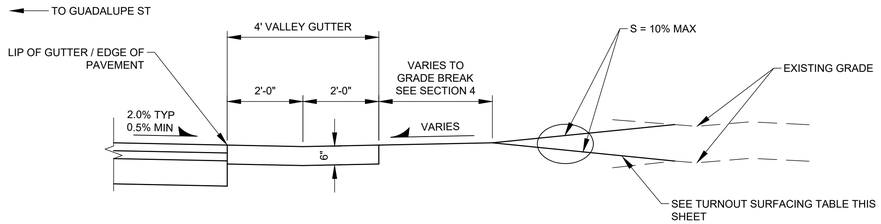


C2 PROPOSED TURNOUT - PLAN

SCALE: 1" = 5'

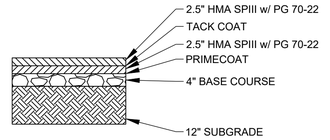
TURNOUT SURFACING TABLE

TURNOUT #	DESCRIPTION	SURFACING
1	AGUA FRIA ST	HMA
2	W DE VARGAS ST	HMA
3	ALAMEDA ST	HMA
4	ALAMEDA ST	HMA
5	WATER ST	HMA
6	SAN FRANCISCO ST	HMA
7	SAN FRANCISCO ST	HMA
8	JOHNSON ST	HMA
9	MCKENZIE ST	HMA
10	JEFFERSON ST	HMA
11	CATRON ST	HMA
12	PARK AVE	HMA
13	GAS STATION	HMA
14	JOSE ST	HMA
15	SOLANA ST	HMA
16	PASEO DE PERALTA	HMA



A3 PROPOSED TURNOUT - SECTION A - A

SCALE: 1" = 2'



A8 PROPOSED HMA PAVEMENT SECTION

SCALE: 1" = 2'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TURNOUT DETAILS

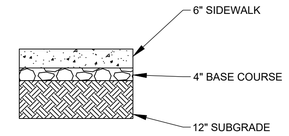
SHEET NO:

4-7

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 4\176085_MT02.dwg

GENERAL SHEET NOTES

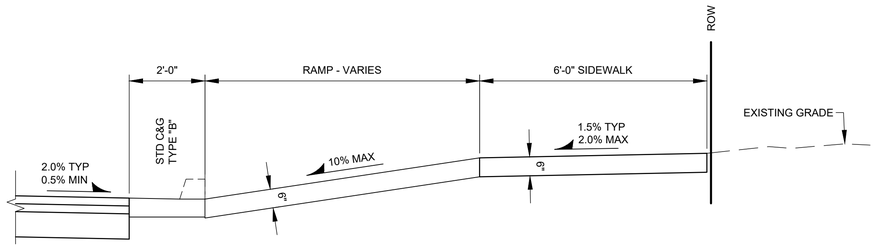
1. FOR DRIVEPAD APRONS, REFER TO NMDOT 608-001 SERIES.



ROADWAY CROSSINGS: PARK AVE & JOSE ST

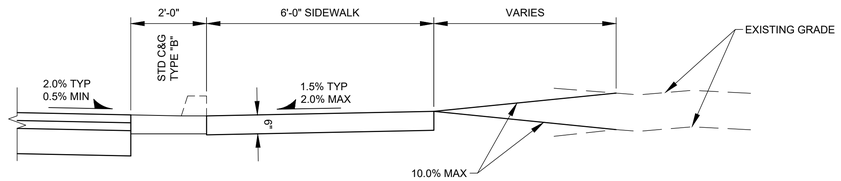
F8 PROPOSED CONCRETE PAVEMENT SECTION @ ACEQUIA ROADWAY CROSSINGS

SCALE: 1" = 2'



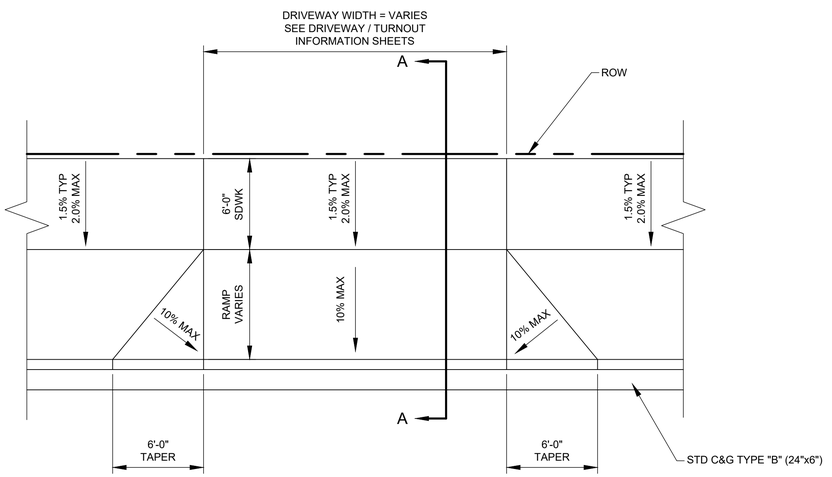
D2 PROPOSED OFFSET SIDEWALK DRIVEPAD SECTION A - A

SCALE: 1" = 2'



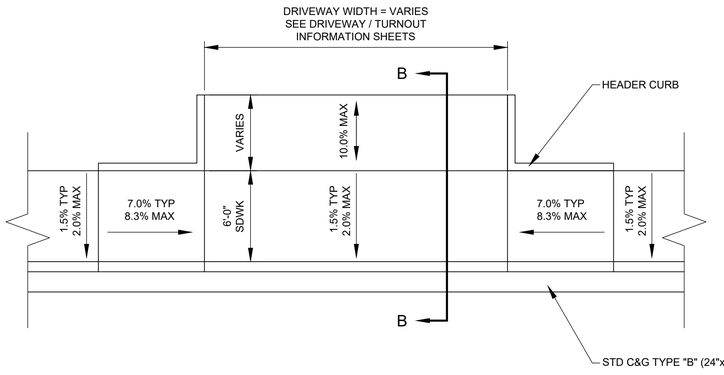
D7 PROPOSED DRIVEPAD SECTION B - B

SCALE: 1" = 2'



A2 PROPOSED OFFSET SIDEWALK DRIVEPAD - PLAN

SCALE: 1" = 5'



A7 PROPOSED DRIVEPAD - PLAN

SCALE: 1" = 5'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
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www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TURNOUT DETAILS

SHEET NO:

4-8

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 4\1776085_MT02.dwg

GENERAL NOTES

1. ALL DIMENSIONS, ELEVATIONS AND DETAILS SHOWN WERE TAKEN FROM THE AS-BUILT PLANS. SCANNED COPIES OF THE AS-BUILT PLANS FOR THE EXISTING BRIDGES ARE AVAILABLE FROM WSP AT (505) 208-3212.

2. BRIDGE PRESERVATION WORK FOR BRIDGE NO. 6944 WILL OCCUR DURING TEMPORARY TRAFFIC CONTROL PHASE VI-A. REFER TO THE 6-SERIES SHEETS FOR CONSTRUCTION PHASING.

3. GRINDING OF BRIDGE DECK. THE GRINDER FOR THIS PROJECT SHALL PRODUCE A GRINDING PATH OF NO LESS THAN THREE (3) FEET IN WIDTH AND NO MORE THAN ¼" IN DEPTH. THE CONTRACTOR WILL DEMONSTRATE TO THE PROJECT MANAGER THAT THE DIAMOND GRINDER IS CAPABLE OF THESE REQUIREMENTS AND DEMONSTRATE THAT THE GRINDER IS IN GOOD WORKING CONDITION TO LAST THE ENTIRE DURATION OF THE GRINDING WORK REQUIRED. APPROVAL FOR USE OF THE PROPOSED GRINDER MUST BE OBTAINED FROM THE PROJECT MANAGER PRIOR TO BEGINNING THE GRINDING WORK.

4. FINISH CONCRETE SURFACES: THE COSTS ASSOCIATED WITH CONCRETE COATING FINISH SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR ITEM No. 548001 - COATING OF CONCRETE-STAIN. THE NEW CONCRETE SURFACES LISTED BELOW SHALL RECEIVE A "CLASS 4" SPECIAL SURFACE FINISH. THE COLOR OF THE FINISH SHALL BE AS FOLLOWS:

SURFACE	FEDERAL STANDARD COLOR
EXTERIOR EDGES OF DECK SLAB	#641 YOSEMITE BROWN
ALL SIDEWALK AND MEDIAN SURFACES WITHIN THE PROJECT LIMITS	#641 YOSEMITE BROWN

A 1'-0" X 1'-0" SAMPLE PANEL OF EACH COLOR OF THE PROPOSED FINISH MATERIALS SHALL BE SUBMITTED TO THE PROJECT MANAGER FOR APPROVAL. INCLUDE 5 GALLONS ADDITIONAL OF EACH COLOR FOR MAINTENANCE. TO BE DELIVERED TO THE CITY OF SANTA FE STREETS AND DRAINAGE MAINTENANCE AT 1142 SILER ROAD, BUILDING C.

5. DURING DECK REPAIR AND AT THE DIRECTION OF THE PROJECT MANAGER, ANY EXISTING DECK REINFORCEMENT BARS REQUIRING REPLACEMENT OR SUPPLEMENTING DUE TO CORROSION OR SECTION LOSS SHALL BE REPLACED OR SUPPLEMENTED. IF REPLACEMENT IS REQUIRED, REINFORCEMENT BARS SHALL BE MATCHED IN CROSS SECTIONAL AREA. IF SUPPLEMENTING IS REQUIRED, REINFORCEMENT BARS SHALL BE LAPPED WITH THE SAME CROSS SECTIONAL AREA AND IN ACCORDANCE WITH THE LAP SPLICE TABLE SHOWN ON SHEET 5-10.

6. THE 2⅝" POLYESTER/EPOXY CONCRETE OVERLAY THICKNESS SHOWN IN THESE PLANS IS A NOMINAL THICKNESS AND MAY VARY. THE PURPOSE OF THE OVERLAY IS TO PROVIDE A SMOOTH RIDING SURFACE ON THE BRIDGE AND TIE INTO NEW APPROACH PAVEMENTS. AFTER REMOVING THE EXISTING ASPHALT SURFACE AND DIAMOND GRINDING THE BRIDGE DECK, THE CONTRACTOR SHALL SURVEY THE PROJECT LIMITS TO DETERMINE ELEVATIONS THAT WILL PROVIDE A SMOOTH RIDING SURFACE THROUGH THE PROJECT LIMITS. THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM NO. 801000 - CONSTRUCTION STAKING BY THE CONTRACTOR.

7. THE HEADER CURB AND DETECTABLE WARNING SURFACES SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR ITEM NO. 511070 - STRUCTURAL CONCRETE, CLASS HPD AND NO SEPARATE PAYMENT WILL BE MADE.

ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL
455000	DIAMOND GRINDING OF PCCP	S.Y.	425
511070	STRUCTURAL CONCRETE, CLASS HPD	C.Y.	22
532000	PENETRATING WATER REPELLENT TREATMENT	S.Y.	82
533000	REPAIR OF CONCRETE STRUCTURES	S.Y.	130
533001	EMBEDDED GALVANIC ANODES	EACH	465
533003	REPLACEMENT REINFORCING BARS	LB	3,000
537000	POLYESTER/EPOXY CONCRETE BRIDGE DECK OVERLAY	C.Y.	31
540160	EPOXY COATED REINFORCING BARS GRADE 60	LB	2,100
546000	RECOATING STRUCTURES	LS	LS
546200	SP 3 POWER TOOL CLEANING	S.F.	200
546210	SP 11 POWER TOOL CLEANING	S.F.	100
547000	SAFETY AND ENVIRONMENTAL REQUIREMENTS	LS	LS
548001	COATING OF CONCRETE - STAIN	S.F.	1,833
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	LS
601110	REMOVAL OF SURFACING	S.Y.	294
603262	COMPOSTED MULCH SOCKS	L.F.	50
607079	PEDESTRIAN/BICYCLE RAILING	L.F.	30
663728	8" WATERLINE 0' TO 6' DEPTH	L.F.	46
721000	REMOVAL OF PAVEMENT MARKING	L.F.	260
721101	REMOVAL OF PAVEMENT MARKING SYMBOL	EACH	3

ITEM NO. 546000 - RECOATING STRUCTURES
ITEM NO. 546200 - SP 3 POWER TOOL CLEANING
ITEM NO. 546210 - SP11 POWER TOOL CLEANING

RECOATING OF EXISTING METAL BRIDGE RAILS: LS
SP-3 POWER TOOL CLEANING OF METAL BRIDGE RAILS: 200 S.Y.
SP-11 POWER TOOL CLEANING OF METAL BRIDGE RAILS: 100 S.Y.

INDEX OF SHEETS

5-1 GENERAL NOTES AND ESTIMATED QUANTITIES
5-2 BRIDGE LOCATION PLAN
5-3 BRIDGE PROFILE
5-4 TRANSVERSE SECTIONS
5-5 REMOVALS PLAN
5-6 GEOMETRIC LAYOUT
5-7 WEST SIDEWALK REINFORCEMENT
5-8 RAISED MEDIAN REINFORCEMENT
5-9 EAST SIDEWALK REINFORCEMENT
5-10 REINFORCING BAR SCHEDULE
5-11 PEDESTRIAN RAIL DETAILS
5-12 PEDESTRIAN RAIL DETAILS (CONT.)
5-13 PEDESTRIAN RAIL DETAILS (CONT.)
5-14 UTILITY LAYOUTS
5-15 UTILITY LAYOUTS
5-16 S.U.E. DATA
5-17 SURVEY DATA

CAPACITY RATINGS

LRFR RATING FACTORS	
INVENTORY LEVEL	1.196
OPERATING LEVEL	1.550

LFR RATINGS	
INVENTORY RATING	HS 43.98
OPERATING RATING	HS 73.44

THESE RATINGS WERE COMPUTED BY THE LOAD FACTOR RATING (LFR) AND LOAD AND RESISTANCE FACTOR RATING (LRFR) METHODS USING THE AASHTOWARE BRIDGE RATING PROGRAM VERSION 6.8.3.

ITEM NO. 548001 - COATING OF CONCRETE-STAIN

WEST SIDEWALK AREA: 90 SY
EAST SIDWALK AREA: 63 SY
WEST DECK EDGE: 840 S.Y.
EAST DECK EDGE: 840 S.Y.
TOTAL: 1,833 S.Y.

ITEM NO. 601000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

REMOVAL OF PORTIONS OF EXISTING SIDEWALKS AND MEDIAN ON BRIDGE
REMOVAL OF BROKEN WATERLINE AND EXISTING HANGERS UNDER THE BRIDGE ON THE WEST SIDE
REMOVAL OF EXISTING HANGERS ON THE UTILITY UNDER THE BRIDGE ON THE EAST SIDE
REMOVAL OF 11.5 FEET OF EXISTING PEDESTRIAN RAIL NEAR THE NE CORNER OF BRIDGE
REMOVAL OF 16 FEET OF EXISTING PEDESTRIAN RAIL NEAR THE NW CORNER OF BRIDGE
REMOVAL OF DEAD TREE IN THE SANTA FE RIVER NEAR THE SOUTHEAST CORNER OF THE BRIDGE

FOR CONTRACTOR INFORMATION ONLY

ITEM NO. 607079
PEDESTRIAN/BICYCLE RAILING

KEYNOTE REF.	LOC.	RAIL LENGTH (L.F.)	REMARKS
PR-1	NORTHEAST CORNER OF BRIDGE	11.33	SEE SHEET 5-6 FOR LOCATION
PR-2	SOUTHEAST CORNER OF BRIDGE	1.04	SEE SHEET 5-6 FOR LOCATION
PR-3	SOUTHWEST CORNER OF BRIDGE	1.00	SEE SHEET 5-6 FOR LOCATION
PR-4	NORTHWEST CORNER OF BRIDGE	15.83	SEE SHEET 5-6 FOR LOCATION
	PROJECT TOTAL	**29.21**	
	USE	**30**	

SCOPE OF WORK

1. REMOVE EXISTING MEDIAN, PORTIONS OF EXISTING SIDEWALK AND ASPHALT OVERLAY ON BRIDGE DECK.
2. DIAMOND GRIND EXISTING BRIDGE DECK 1" OFF TOP OF EXISTING BRIDGE DECK.
3. REPAIR UNSOUND CONCRETE ON EXISTING BRIDGE DECK TO REMAIN.
4. PLACE POLYESTER/EPOXY CONCRETE BRIDGE DECK OVERLAY.
5. BUILD NEW CONCRETE MEDIAN AND SIDEWALKS.
6. RECOAT EXISTING METAL BRIDGE RAILING.
7. REPAIR UNSOUND AND SPALLING CONCRETE IN ABUTMENT WALLS.
8. APPLY PENETRATING WATER REPELLENT TREATMENT TO CONCRETE SIDEWALKS AND MEDIAN.
9. CLEAN SIDEWALKS AND EXTERIOR FACES OF BRIDGE DECK. APPLY CONCRETE COATING-STAIN TO ALL SIDEWALKS AND EXTERIOR FACES OF BRIDGE DECK.
10. REPAIR CONCRETE AND REPLACE MISSING BOLTS AND NUTS AT METAL BRIDGE RAILING BASE PLATE IN NORTHEAST CORNER OF BRIDGE.
11. SAWCUT ½" DRIP GROOVE TO BOTH UNDERSIDE EDGES OF THE EXISTING BRIDGE DECK.
12. REMOVE DEAD TREE IN SOUTHEAST CORNER OF BRIDGE NEAR RETAINING WALLS.
13. REMOVE BROKEN WATER LINE AND EXISTING HANGERS UNDER THE BRIDGE ON THE WEST SIDE. PATCH CONCRETE DECK AT EXISTING HANGERS. PLACE NEW 8" WATER LINE AND NEW HANGERS.
14. PLACE NEW UTILITY HANGERS FOR EXISTING SANITARY SEWER LINE UNDER THE BRIDGE ON THE EAST SIDE. REMOVE EXISTING HANGERS AND PATCH BOTTOM OF CONCRETE DECK AT HANGER LOCATIONS.

RAY M. TRUJILLO
NEW MEXICO
13514
REGISTERED PROFESSIONAL ENGINEER
7/6/2022

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PLAN REVIEW NOT FOR CONSTRUCTION

PROJECT NAME

GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	MA
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

SHEET TITLE

GENERAL NOTES AND ESTIMATED QUANTITIES

SHEET NO:

5-1

J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-1_Guad Gen Notes.dwg

7/6/2022

CL GUADALUPE ST.
P.I. = STA. 4+04.08
Δ = 26°47'59" LT.
R = 209.88'
T = 50.00'
L = 98.17'

4+00

5+00

3+95

WEST ALAMEDA STREET

PLACE COMPOSTED MULCH SOCKS.
SEE NOTE #3 THIS SHEET

PNM

PT Sta 3+46.96

PC Sta 3+54.08

N63°02'58"E
7.12'

℄ CONST. GUADALUPE ST.

4.00'
EXIST. SIDEWALK

13.50'
NEW SIDEWALK

15.50'

5.0'
NEW RAISED MEDIAN

35.50'

5.0'
NEW SIDEWALK

6.50'
EXIST. SIDEWALK

BH-1
BH-2
BH-3
BH-4
BH-5
BH-6
BH-7
BH-8

N36°14'58"E 90.74'

PT Sta 4+52.25

℄ BRIDGE

EP Sta 5+42.99

42.50'

85.00'

42.50'

REMOVE PAVEMENT STRIPINGS AND PAVEMENT MARKINGS (3 TOTAL)

REMOVE OVERLAY, DIAMOND GRIND 1" OFF TOP OF EXISTING SLAB, REPAIR UNSOUND CONCRETE, PLACE 2⅝" POLYESTER/EPOXY CONCRETE BRIDGE DECK OVERLAY. (TYP.)

51.33'
EXISTING BRIDGE (TO REMAIN)

City of SF

NOTES:

1. LOCATION OF BRIDGE IS APPROXIMATE FROM AS-BUILTS.
2. ALIGNMENT DATA IS APPROXIMATE FROM AS-BUILTS.
3. THIS PLAN SHOWS TEMPORARY BEST MANAGEMENT PRACTICES (BMP) IN THEIR LOCATIONS AFTER ALL WORK IS COMPLETE. ANY PLACEMENT OF TEMPORARY EROSION CONTROL BMP'S DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FACILITATE CONSTRUCTION OPERATIONS AND PHASING AND TO ELIMINATE SEDIMENT LEAVING THE CONSTRUCTION SITE. BMP QUANTITIES ARE BASED ON THIS PLAN.
4. SEE SHEET 5-5 FOR REMOVALS AND SHEET 5-6 FOR GEOMETRY LAYOUT FOR NEW SIDEWALKS AND NEW RAISED MEDIAN.

RAY M. TRUJILLO
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13514
REGISTERED PROFESSIONAL ENGINEER
5/7/2022

LEGEND

BH-# DECK CORE LOCATION

EXISTING (TO REMAIN)

LIMITS OF DIAMOND GRINDING, DECK REPAIR, AND POLYESTER/EPOXY CONCRETE BRIDGE DECK OVERLAY

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME
GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

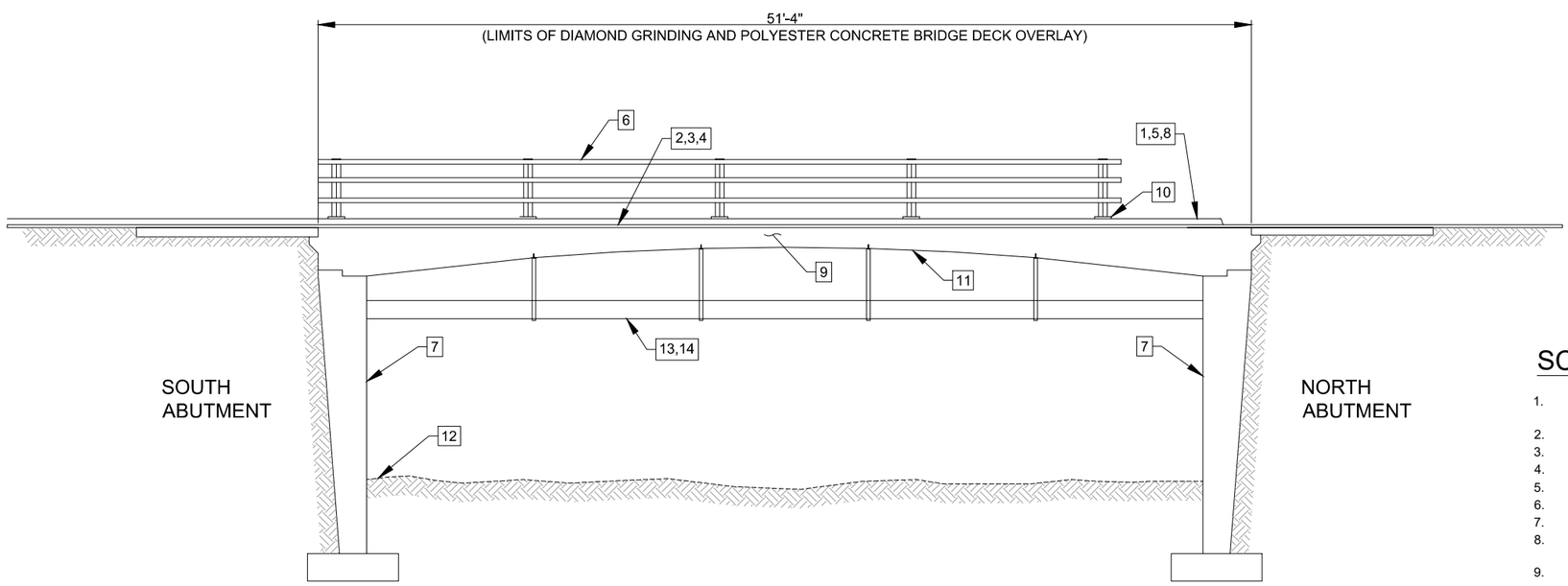
BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	MA
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

SHEET TITLE
BRIDGE LOCATION PLAN

SHEET NO:
5-2

12/9/2021 J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-2_Guad Struct Plan.dwg

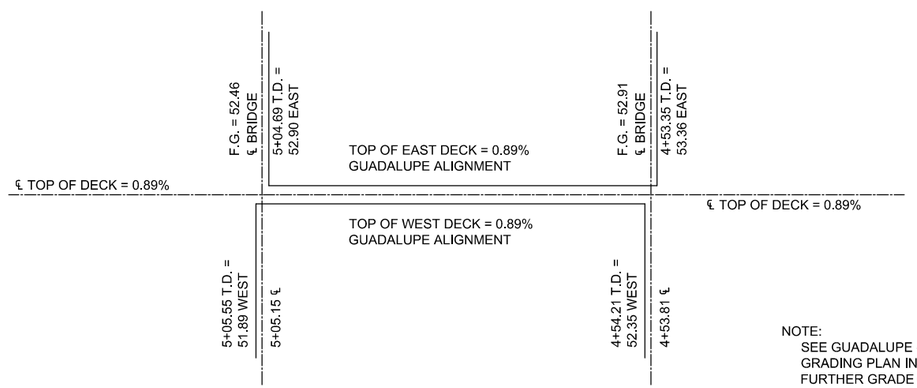


BRIDGE PROFILE ALONG ℄ CONSTRUCTION

(BASED ON AS-BUILT INFORMATION)

SCOPE OF WORK

1. REMOVE EXISTING MEDIAN, PORTIONS OF EXISTING SIDEWALK AND ASPHALT OVERLAY ON BRIDGE DECK.
2. DIAMOND GRIND EXISTING BRIDGE DECK 1" OFF TOP OF EXISTING BRIDGE DECK.
3. REPAIR UNSOUND CONCRETE ON EXISTING BRIDGE DECK TO REMAIN.
4. PLACE POLYESTER/EPOXY CONCRETE BRIDGE DECK OVERLAY.
5. BUILD NEW CONCRETE MEDIAN AND SIDEWALKS.
6. RECOAT EXISTING METAL BRIDGE RAILING.
7. REPAIR UNSOUND AND SPALLING CONCRETE IN ABUTMENT WALLS.
8. APPLY PENETRATING WATER REPELLENT TREATMENT TO CONCRETE SIDEWALKS AND MEDIAN.
9. CLEAN SIDEWALKS AND EXTERIOR FACES OF BRIDGE DECK. APPLY CONCRETE COATING-STAIN TO ALL SIDEWALKS AND EXTERIOR FACES OF BRIDGE DECK.
10. REPAIR CONCRETE AND REPLACE MISSING BOLTS AND NUTS AT METAL BRIDGE RAILING BASE PLATE IN NORTHEAST CORNER OF BRIDGE.
11. SAWCUT ½" DRIP GROOVE TO BOTH UNDERSIDE EDGES OF THE EXISTING BRIDGE DECK.
12. REMOVE DEAD TREE IN SOUTHEAST CORNER OF BRIDGE NEAR RETAINING WALLS.
13. REMOVE BROKEN WATER LINE AND EXISTING HANGERS UNDER THE BRIDGE ON THE WEST SIDE. PATCH CONCRETE DECK AT EXISTING HANGERS. PLACE NEW 8" WATER LINE AND NEW HANGERS.
14. PLACE NEW UTILITY HANGERS FOR EXISTING SANITARY SEWER LINE UNDER THE BRIDGE ON THE EAST SIDE. REMOVE EXISTING HANGERS AND PATCH BOTTOM OF CONCRETE DECK AT HANGER LOCATIONS.



BRIDGE FINISHED GRADE

TAKEN FROM AS-BUILT PLANS

NOTE:
SEE GUADALUPE - ALAMEDA INTERSECTION GRADING PLAN IN AS-BUILT PLANS FOR FURTHER GRADE CONTROL DATA.

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5/11/2022

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME
GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

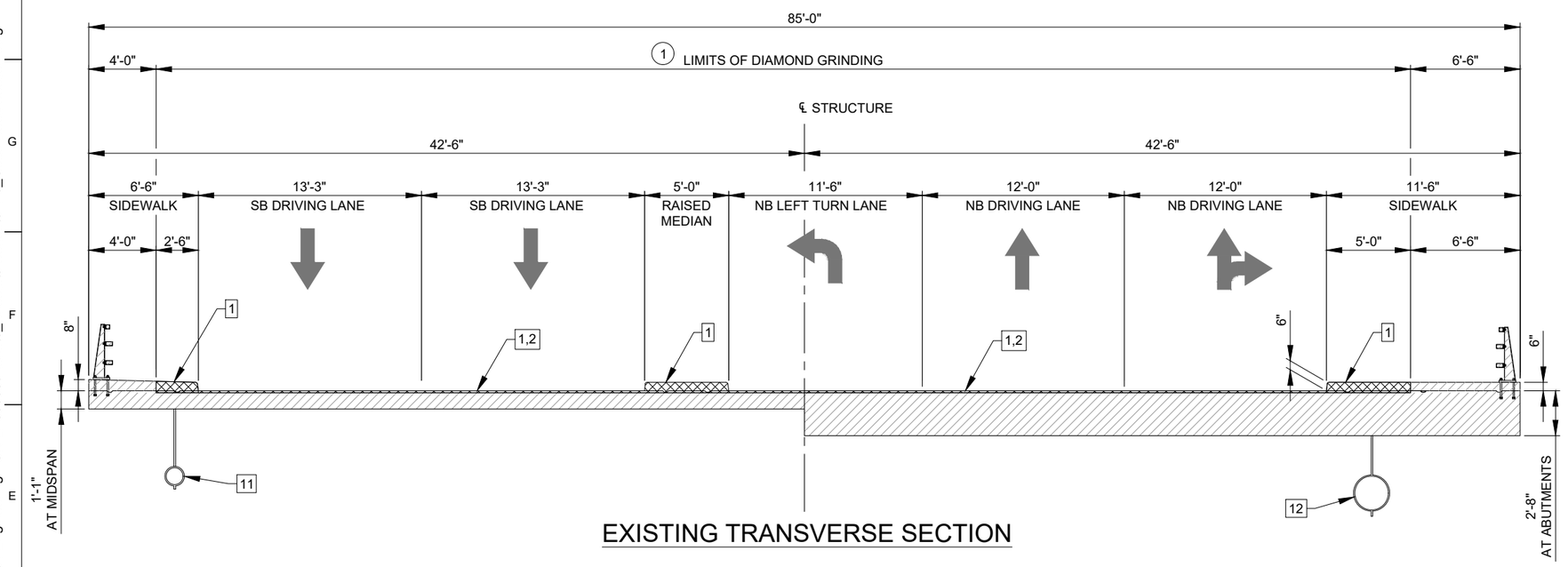
	BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	MA
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

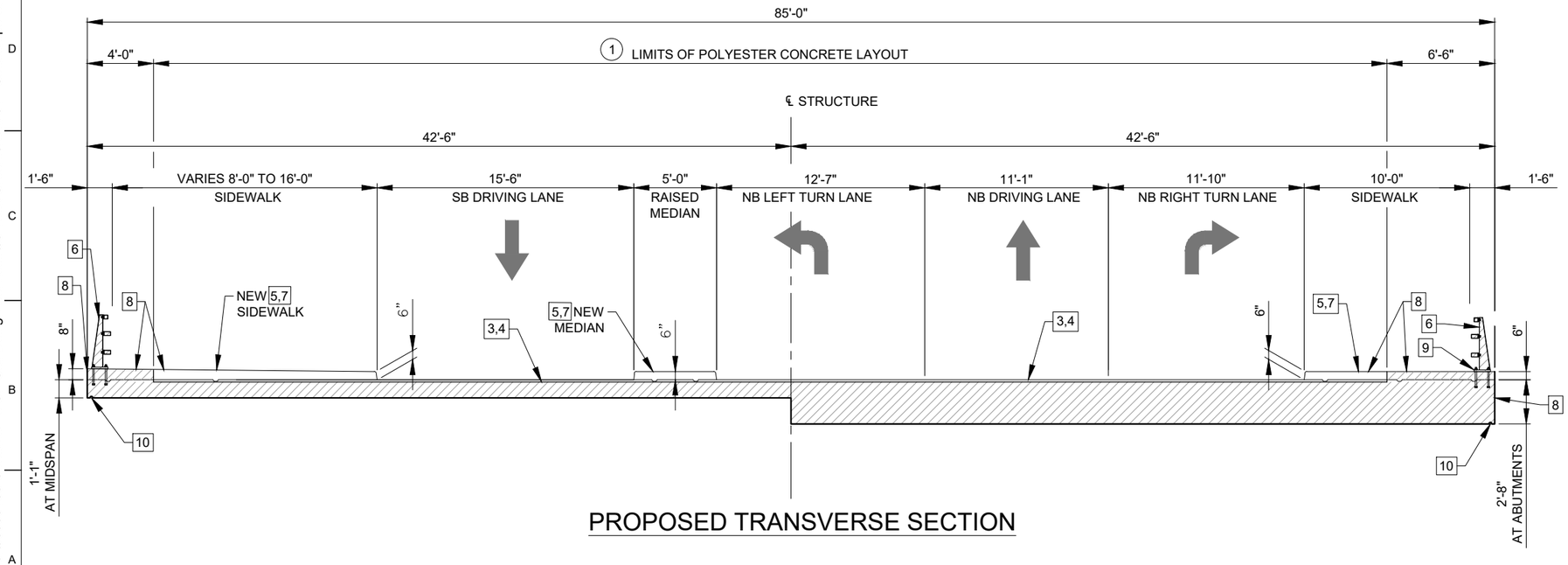
SHEET TITLE
BRIDGE
PROFILE

SHEET NO:
5-3

12/9/2021 J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-3_Guad Bridge Profile.dwg



EXISTING TRANSVERSE SECTION



PROPOSED TRANSVERSE SECTION

SCOPE OF WORK

BRIDGE

1. REMOVE EXISTING MEDIAN, PORTIONS OF EXISTING SIDEWALK AND ASPHALT OVERLAY ON BRIDGE DECK.
2. DIAMOND GRIND EXISTING BRIDGE DECK 1" OFF TOP OF EXISTING BRIDGE DECK.
3. REPAIR UNSOUND CONCRETE ON EXISTING BRIDGE DECK TO REMAIN.
4. PLACE POLYESTER/EPOXY CONCRETE BRIDGE DECK OVERLAY.
5. BUILD NEW CONCRETE MEDIAN AND SIDEWALKS.
6. RECOAT EXISTING METAL BRIDGE RAILING.
7. APPLY PENETRATING WATER REPELLENT TREATMENT TO CONCRETE SIDEWALKS AND MEDIAN.
8. CLEAN SIDEWALKS AND EXTERIOR FACES OF BRIDGE DECK. APPLY CONCRETE COATING-STAIN TO ALL SIDEWALKS AND EXTERIOR FACES OF BRIDGE DECK.
9. REPAIR CONCRETE AND REPLACE MISSING BOLTS AND NUTS AT METAL BRIDGE RAILING BASE PLATE IN NORTHEAST CORNER OF BRIDGE.
10. SAWCUT ½" DRIP GROOVE TO BOTH UNDERSIDE EDGES OF THE EXISTING BRIDGE DECK.
11. REMOVE BROKEN WATER LINE AND EXISTING HANGERS UNDER THE BRIDGE ON THE WEST SIDE. PATCH CONCRETE DECK AT EXISTING HANGERS. PLACE NEW 8" WATER LINE AND NEW HANGERS.
12. PLACE NEW UTILITY HANGERS FOR EXISTING SANITARY SEWER LINE UNDER THE BRIDGE ON THE EAST SIDE. REMOVE EXISTING HANGERS AND PATCH BOTTOM OF CONCRETE DECK AT HANGER LOCATIONS.

NOTE:

SAWCUTTING ½" DRIP GROOVE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM NO. 533000 - REPAIR OF CONCRETE STRUCTURES.

LEGEND

EXISTING TO REMAIN

REMOVE AND REPLACE

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME

GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	MA
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

SHEET TITLE

TRANSVERSE SECTIONS

SHEET NO:

5-4

RAY M. TRUJILLO
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13514
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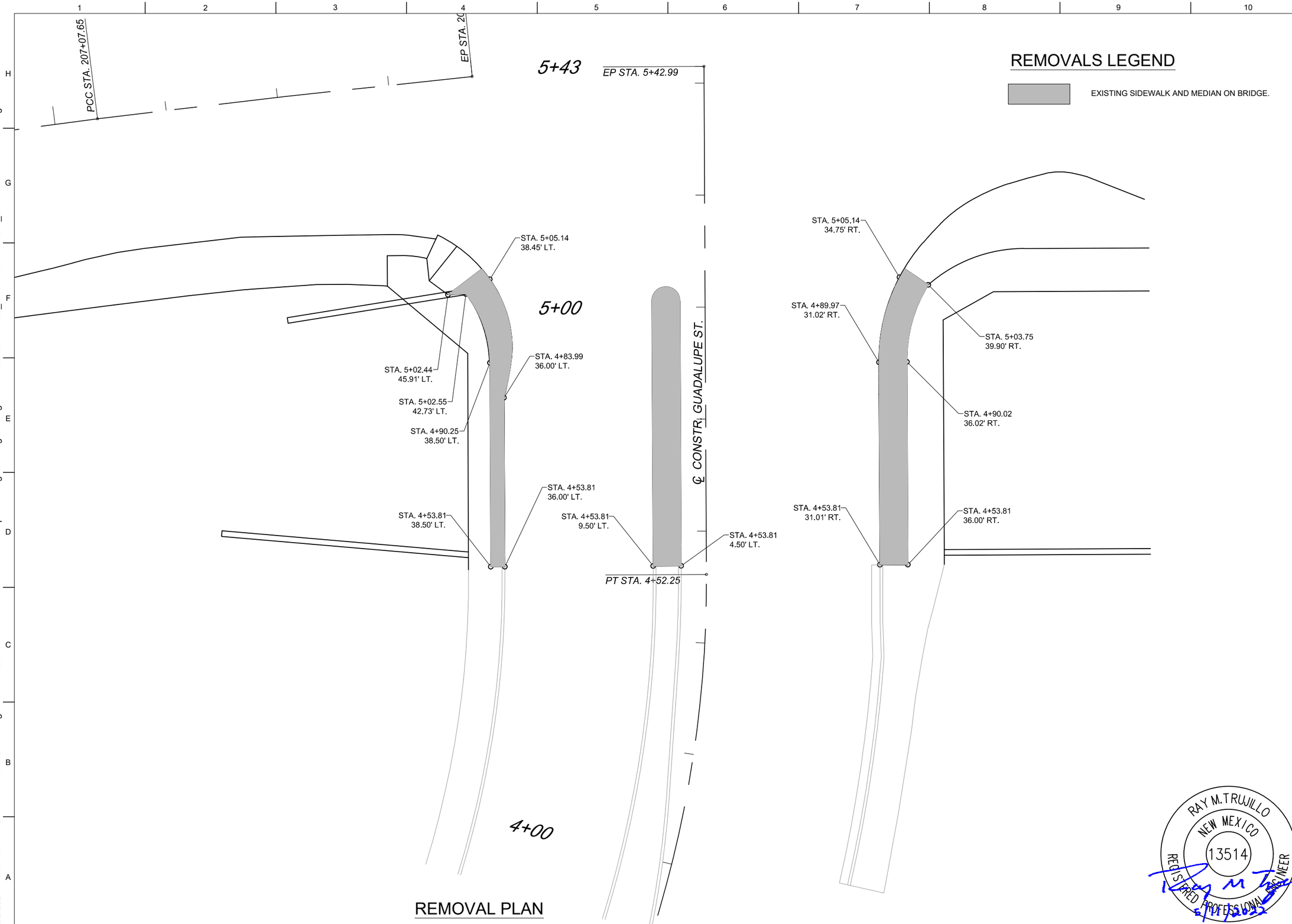
5/11/2022

J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-4-6_Guad Deck Section.dwg
12/9/2021



REMOVALS LEGEND

EXISTING SIDEWALK AND MEDIAN ON BRIDGE.

REMOVAL PLAN

RAY M. TRUJILLO
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13514
REGISTERED PROFESSIONAL ENGINEER
5/11/2022

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME

GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

REV.	DATE	DESCRIPTION	BY

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	MA
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

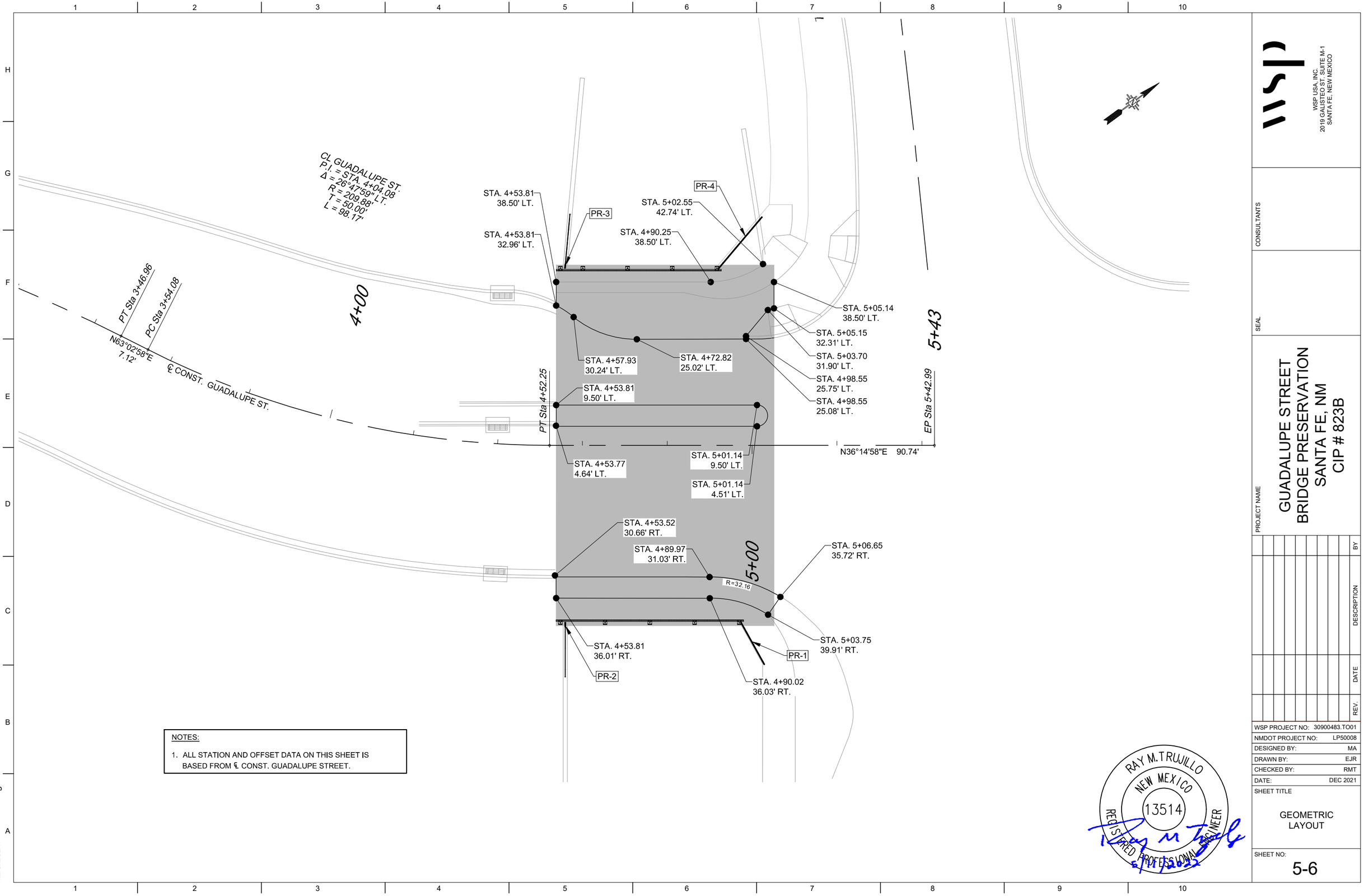
SHEET TITLE

REMOVALS PLAN

SHEET NO:

5-5

12/9/2021 J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-5_Guad Removals Plan.dwg



NOTES:

1. ALL STATION AND OFFSET DATA ON THIS SHEET IS BASED FROM ℄ CONST. GUADALUPE STREET.

RAY M. TRUJILLO
NEW MEXICO
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5/11/2022

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME

GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

	BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	MA
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

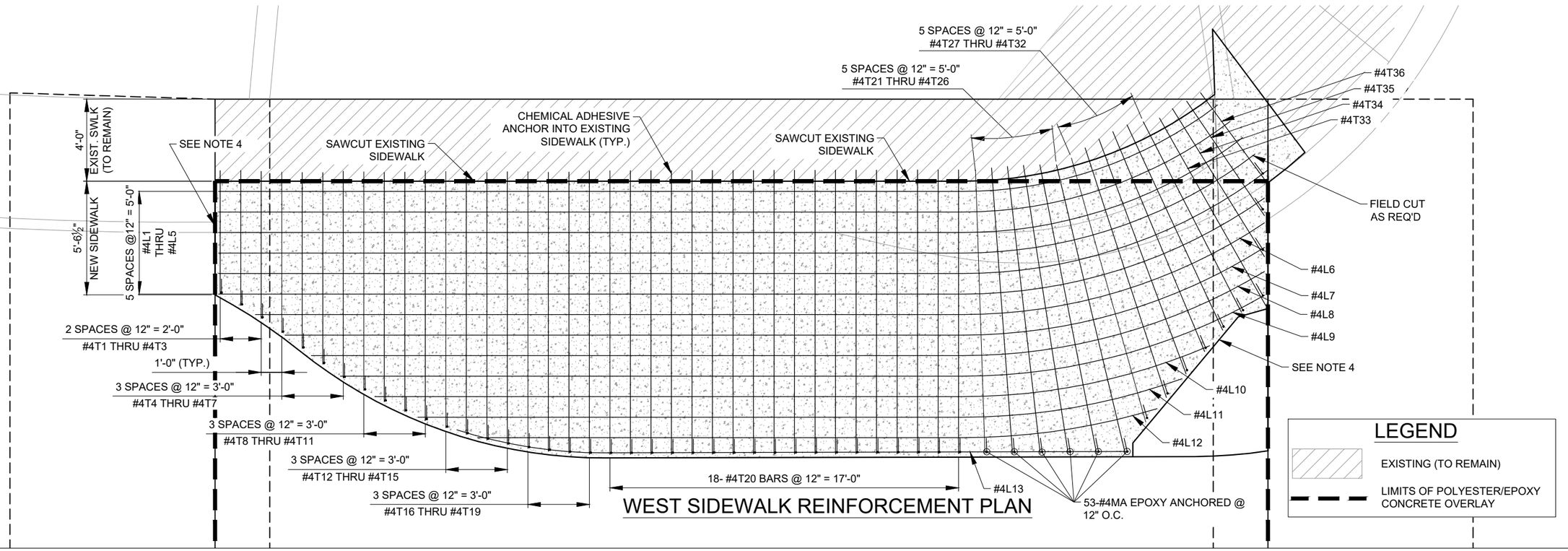
SHEET TITLE

GEOMETRIC LAYOUT

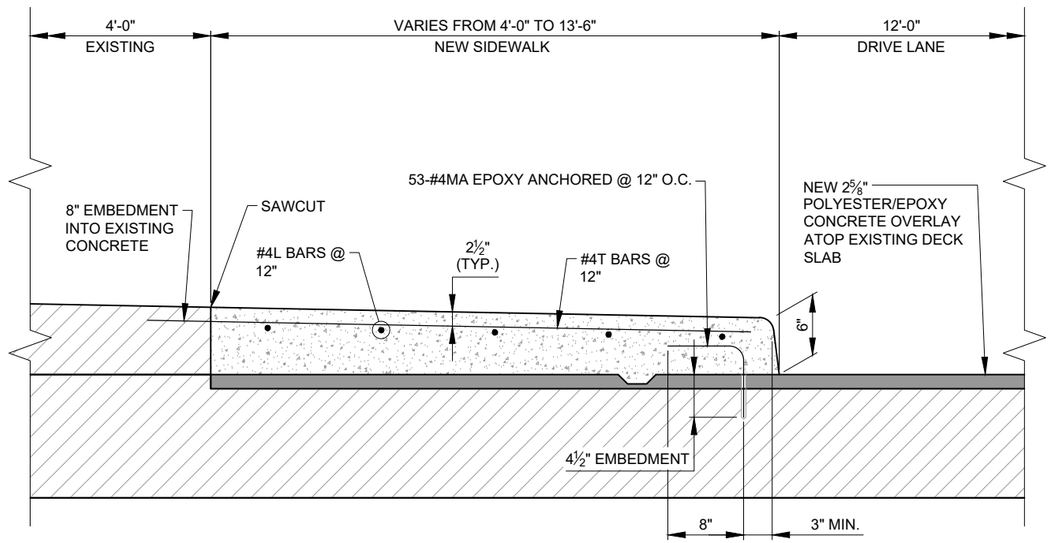
SHEET NO:

5-6

J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-6_Guadalupe_Geometric Sheets.dwg
12/9/2021



WEST SIDEWALK REINFORCEMENT PLAN



WEST SIDEWALK SECTION

NOTES:

1. CONCRETE SHALL BE STRUCTURAL CONCRETE, CLASS HPD.
2. EPOXY ANCHOR SYSTEM SHALL COMPLY WITH "SECTION 522 - CHEMICAL ADHESIVE ANCHORS."
3. CARE SHALL BE USED WHEN REMOVING PORTION OF EXISTING SIDEWALK.
4. THE CONTRACTOR SHALL PROVIDE LAPPED BARS FOR TYING IN NEW SIDEWALK DONE BY OTHERS.

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5/11/2022

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME
GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

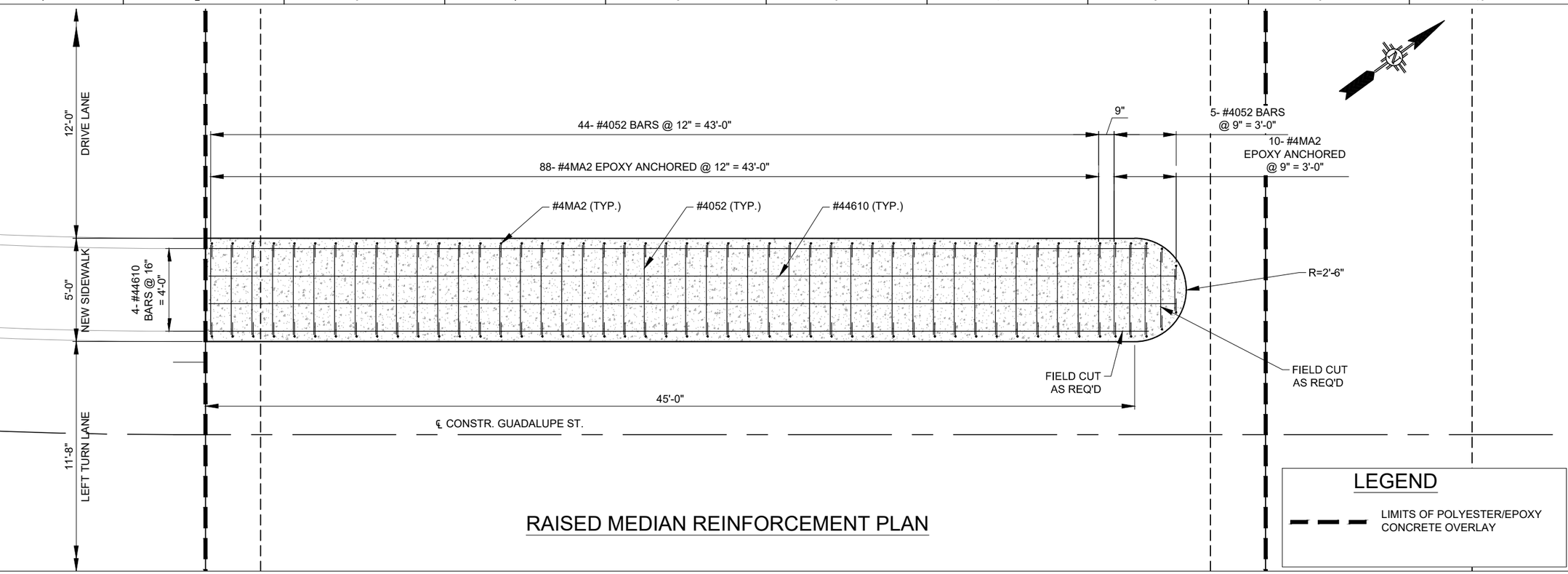
BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	SS
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

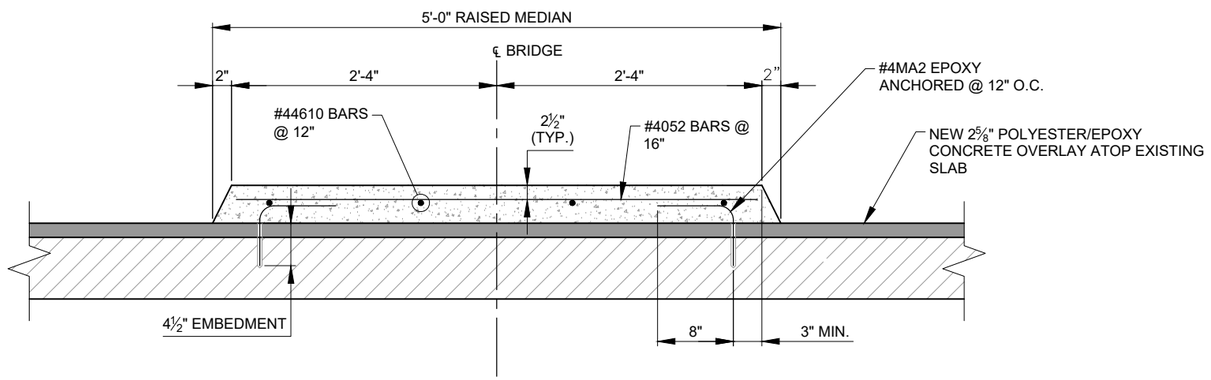
SHEET TITLE
WEST SIDEWALK
REINFORCEMENT

SHEET NO:
5-7

J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-7-9_Guad Sidewalk & Median Reinf.dwg
12/9/2021



RAISED MEDIAN REINFORCEMENT PLAN



RAISED MEDIAN SECTION

NOTES:

1. CONCRETE SHALL BE STRUCTURAL CONCRETE, CLASS HPD.
2. EPOXY ANCHOR SYSTEM SHALL COMPLY WITH "SECTION 522 - CHEMICAL ADHESIVE ANCHORS."
3. CARE SHALL BE USED WHEN REMOVING EXISTING MEDIAN.

RAY M. TRUJILLO
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5/11/2022

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL -

PROJECT NAME
GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

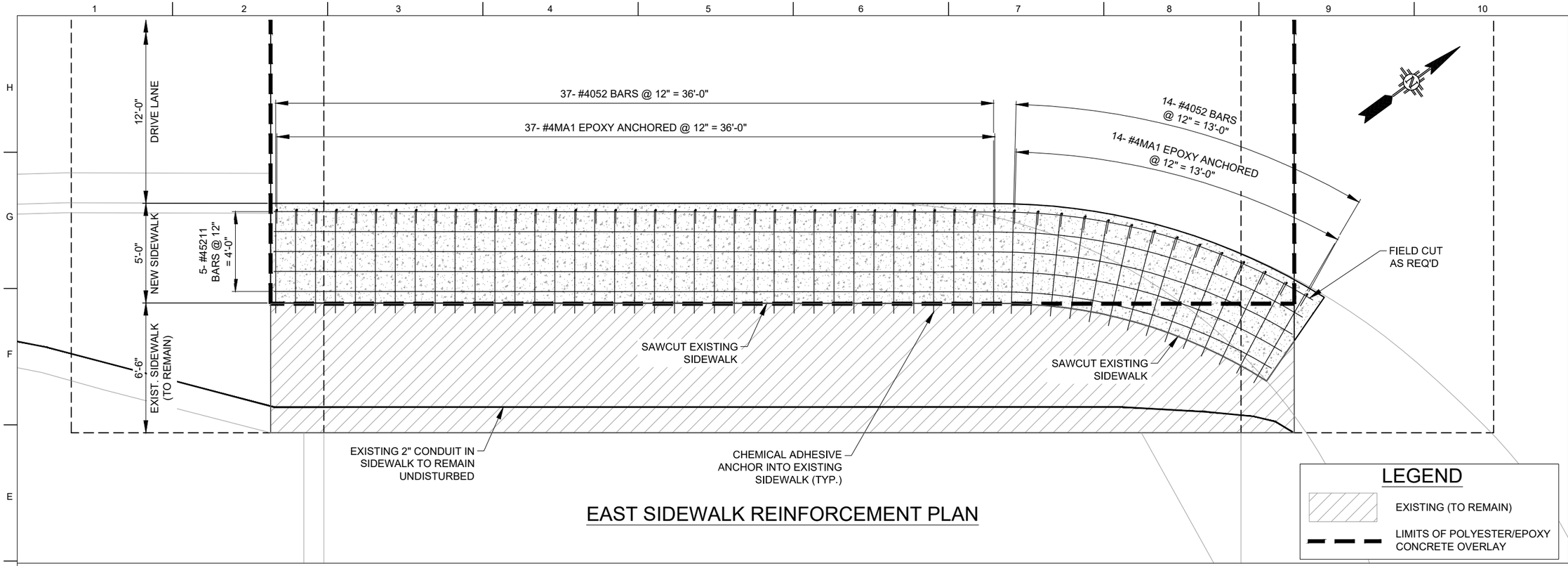
BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	SS
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

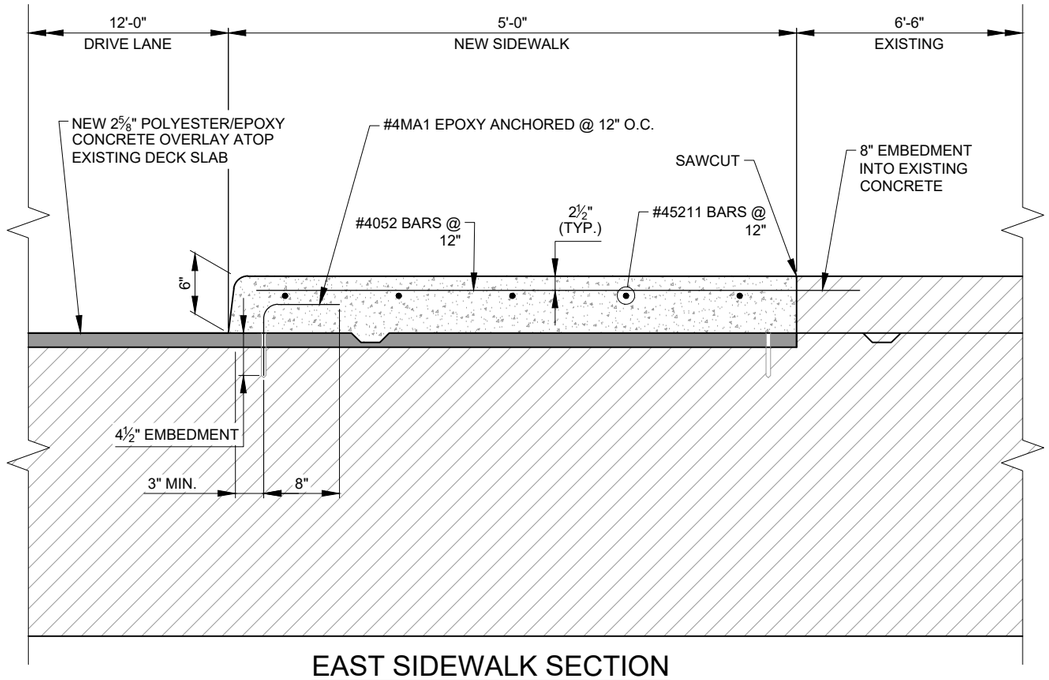
SHEET TITLE
RAISED MEDIAN
REINFORCEMENT

SHEET NO:
5-8

J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-7-9_Guad Sidewalk & Median Reinf.dwg
12/9/2021



EAST SIDEWALK REINFORCEMENT PLAN



EAST SIDEWALK SECTION

NOTES:

1. CONCRETE SHALL BE STRUCTURAL CONCRETE, CLASS HPD.
2. EPOXY ANCHOR SYSTEM SHALL COMPLY WITH "SECTION 522 - CHEMICAL ADHESIVE ANCHORS."
3. CARE SHALL BE USED WHEN REMOVING PORTION OF EXISTING SIDEWALK.

RAY M. TRUJILLO
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5/17/2022

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME
GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	SS
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

SHEET TITLE
EAST SIDEWALK
REINFORCEMENT

SHEET NO:
5-9

J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-7-9_Guad Sidewalk & Median Reinf.dwg
12/9/2021

REINFORCING BARS

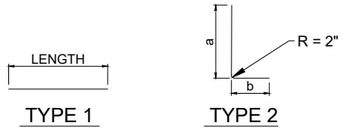
WEST SIDEWALK REINFORCEMENT (EPOXY COATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#4T1	#4	1	6'-0"	1	WEST SIDEWALK TRANSVERSE
THRU			THRU	1	INCREMENT BY 7"
#4T3			7'-2"	1	
#4T4	#4	1	7'-10"	1	
THRU			THRU	2	INCREMENT BY 9"
#4T7			10'-1"	1	
#4T8	#4	1	10'-8"	1	
THRU			THRU	2	INCREMENT BY 6"
#4T11			12'-2"	1	
#4T12	#4	1	12'-6"	1	
THRU			THRU	2	INCREMENT BY 3¾"
#4T15			13'-3¾"	1	
#4T16	#4	1	13'-6"	1	
THRU			THRU	48	INCREMENT BY 1¼"
#4T19			13'-9¾"	1	
#4T20	#4	1	13'-10"	18	
#4T21	#4	1	13'-10"	1	
THRU			THRU	4	INCREMENT BY 1½"
#4T26			14'-5½"	1	
#4T27	#4	1	13'-4½"	1	
THRU			THRU	4	DECREMENT BY 7"
#4T32			10'-5½"	1	
#4T33	#4	1	10'-6"	1	
#4T34	#4	1	8'-6"	1	
#4T35	#4	1	6'-9"	1	
#4T36	#4	1	5'-3"	1	
#4L1	#4	1	49'-8"	1	WEST SIDEWALK LONGITUDINAL
THRU			THRU	3	DECREMENT BY 8"
#4L5			52'-4"	1	
#4L6	#4	1	52'-0"	1	
#4L7	#4	1	50'-0"	1	
#4L8	#4	1	48'-6"	1	
#4L9	#4	1	47'-3"	1	
#4L10	#4	1	45'-9"	1	
#4L11	#4	1	41'-0"	1	
#4L12	#4	1	37'-6"	1	
#4L13	#4	1	32'-10"	1	
#4MA	#4	2	1'-5"	53	a = 8"; b = 9"; WEST SIDEWALK DOWELS

RAISED MEDIAN REINFORCEMENT (EPOXY COATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#44610	#4	1	46'-10"	4	MEDIAN SIDEWALK LONGITUDINAL
#4052	#4	1	5'-2"	49	MEDIAN SIDEWALK TRANSVERSE
#4MA	#4	2	1'-5"	98	a = 8"; b = 9"; MEDIAN SIDEWALK DOWELS

EAST SIDEWALK REINFORCEMENT (EPOXY COATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#45211	#4	1	52'-11"	5	EAST SIDEWALK LONGITUDINAL EAST
#4052	#4	1	5'-2"	51	SIDEWALK TRANSVERSE
#4MA	#4	2	1'-5"	51	a = 8"; b = 9"; EAST SIDEWALK DOWELS

TOTAL WEIGHT FOR ITEM NO. 540160 - EPOXY COATED REINFORCING BARS: 2,100 LB

BAR BENDING DIAGRAMS

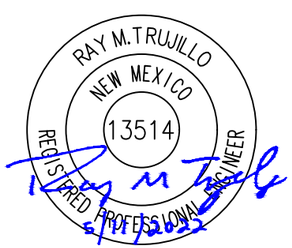


TYPE 1 TYPE 2

ALL REBAR LAP SPLICES SHALL BE AS SHOWN BELOW UNLESS OTHERWISE NOTED.

REINFORCEMENT LAP SPLICE TABLE

BAR SIZE:	MINIMUM BAR LAP:
No. 4	1'-10"
No. 5	2'-3"
No. 6	2'-11"
No. 7	3'-11"
No. 8	5'-2"
No. 9	6'-6"
No. 10	8'-3"



WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL -

PROJECT NAME
GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

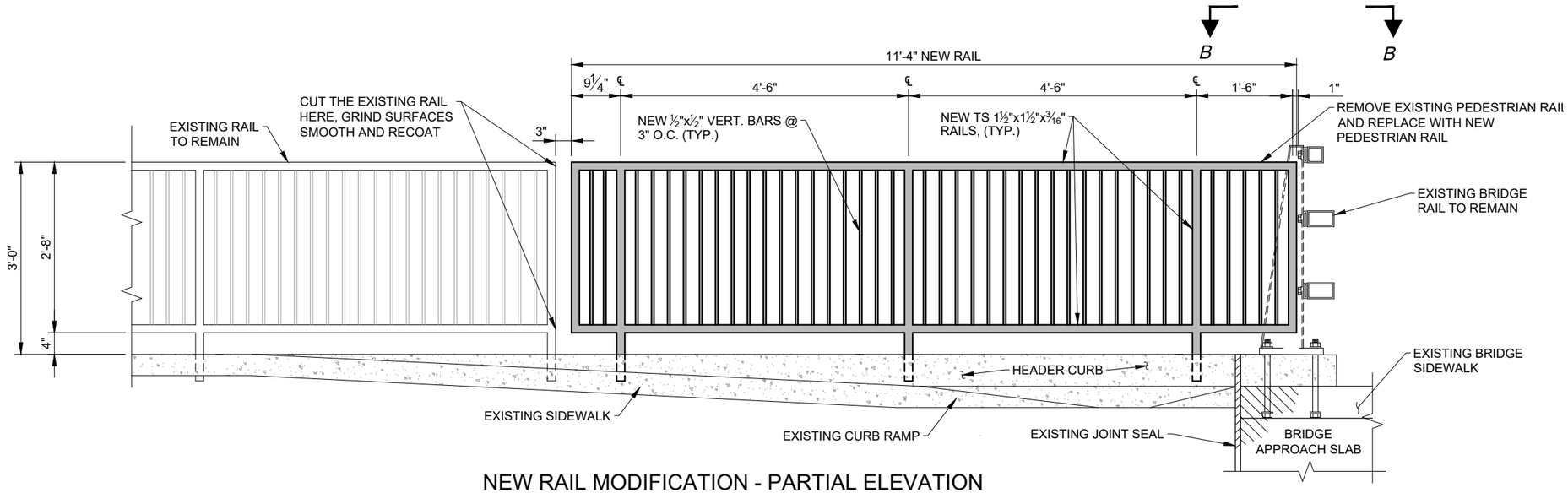
BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	SS
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

SHEET TITLE
REINFORCING BAR SCHEDULE

SHEET NO:
5-10

12/9/2021 J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-10_Guad Bar Schedule.dwg

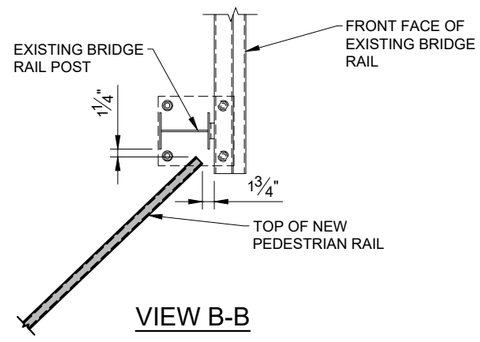


NEW RAIL MODIFICATION - PARTIAL ELEVATION

(NORTHEAST CORNER PR-1)

NOTES:

1. THE CONTRACTOR SHALL VERIFY LENGTHS AND POST LOCATIONS IN THE FIELD PRIOR TO FABRICATION OF THE NEW PEDESTRIAN RAILS.
2. THE CONTRACTOR SHALL SUBMIT WORKING DRAWINGS FOR THE PEDESTRIAN RAILS TO THE PROJECT MANAGER 30 CALENDAR DAYS PRIOR TO FABRICATION.
3. POSTS FOR PEDESTRIAN RAILS SHALL BE INSTALLED IN ACCORDANCE WITH NMDOT STANDARD DRAWING 607-20-3/4.
4. ALL NEW PEDESTRIAN RAILS SHALL MATCH THE COLOR OF THE EXISTING PEDESTRIAN RAILS. THE CONTRACTOR SHALL PROVIDE A 1'X1' SAMPLE COLOR PANEL TO THE PROJECT MANAGER FOR APPROVAL PRIOR TO FABRICATION OF THE NEW PEDESTRIAN RAILS.
5. ALL MATERIALS AND LABOR INCLUDING WORKING DRAWINGS SHALL BE PAID FOR UNDER ITEM NO. 607079 - PEDESTRIAN/BICYCLE RAILING.



VIEW B-B

RAY M. TRUJILLO
NEW MEXICO
13514
REGISTERED PROFESSIONAL ENGINEER
5/11/2022

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME
GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

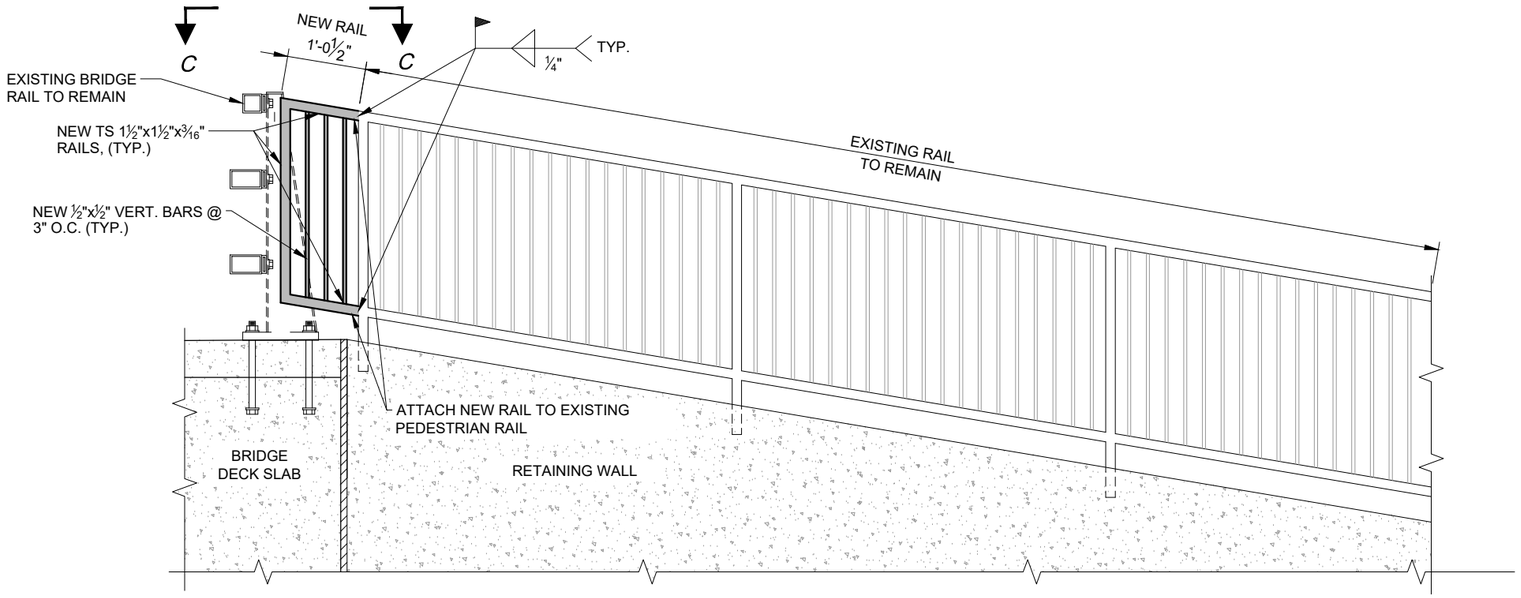
BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	SS
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

SHEET TITLE
PEDESTRIAN RAIL DETAILS

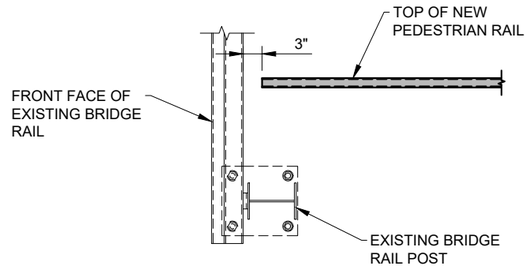
SHEET NO:
5-11

J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-11-13_Guadalupe_Misc Details.dwg
12/9/2021

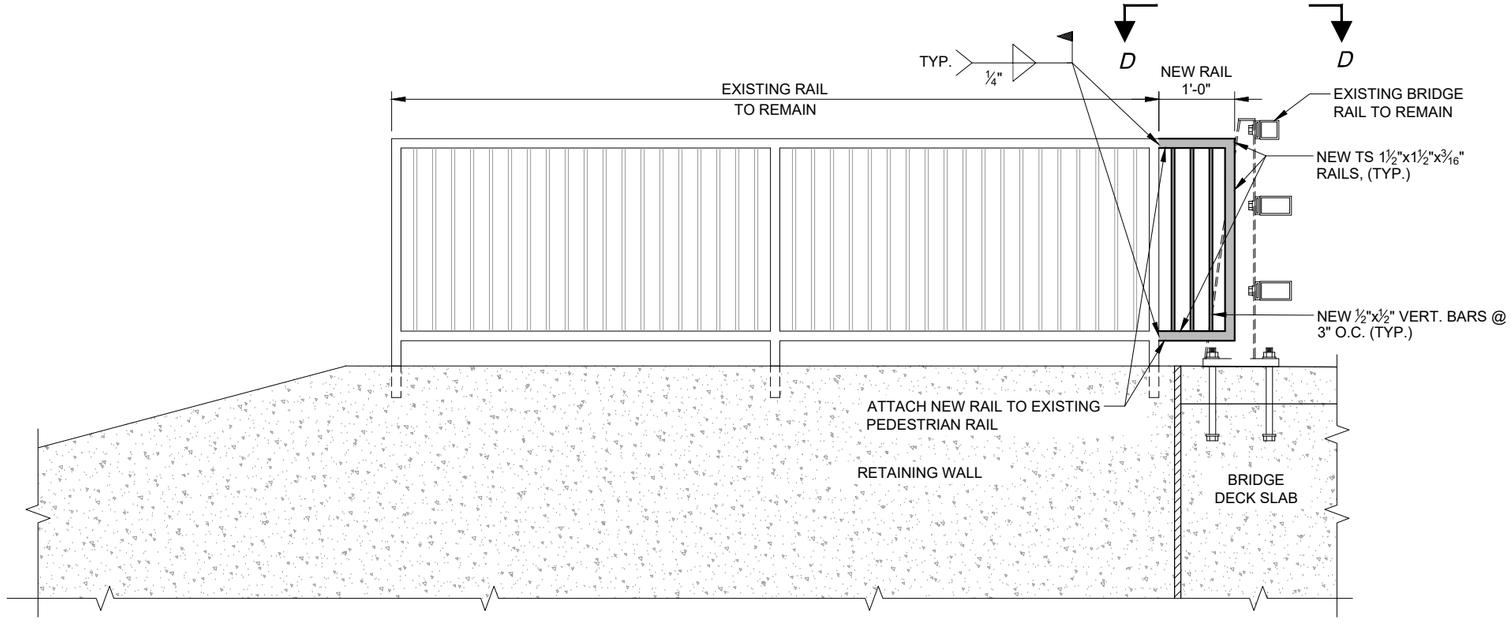


EXISTING RAIL MODIFICATION - PARTIAL ELEVATION

(SOUTHEAST CORNER PR-2)

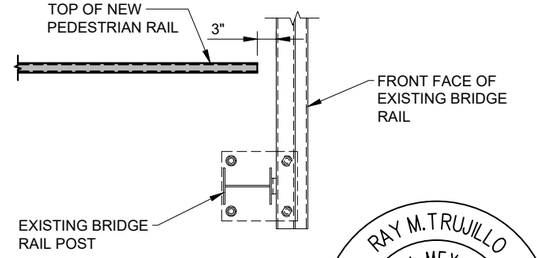


VIEW C-C



EXISTING RAIL MODIFICATION - PARTIAL ELEVATION

(SOUTHWEST CORNER PR-3)



VIEW D-D

RAY M. TRUJILLO
NEW MEXICO
13514
REGISTERED PROFESSIONAL ENGINEER
5/11/2022

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME

GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
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DESIGNED BY:	SS
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

SHEET TITLE

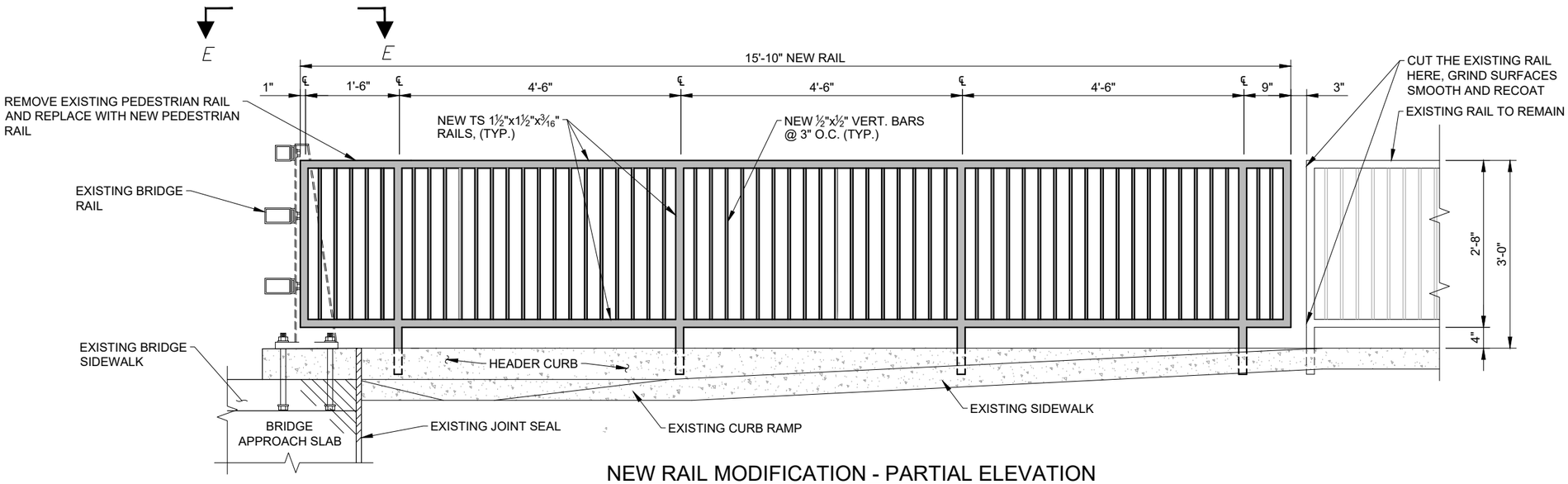
PEDESTRIAN RAIL
DETAILS (CONT.)

SHEET NO:

5-12

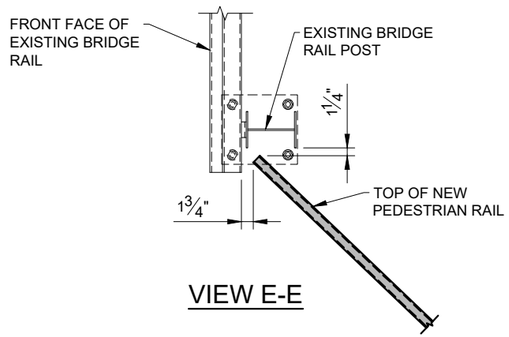
J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-11-13_Guadalupe_Misc Details.dwg

12/9/2021



NEW RAIL MODIFICATION - PARTIAL ELEVATION

(NORTHWEST CORNER PR-4)



VIEW E-E

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME

GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

REV.	DATE	DESCRIPTION	BY

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	SS
DRAWN BY:	EJR
CHECKED BY:	RMT
DATE:	DEC 2021

SHEET TITLE

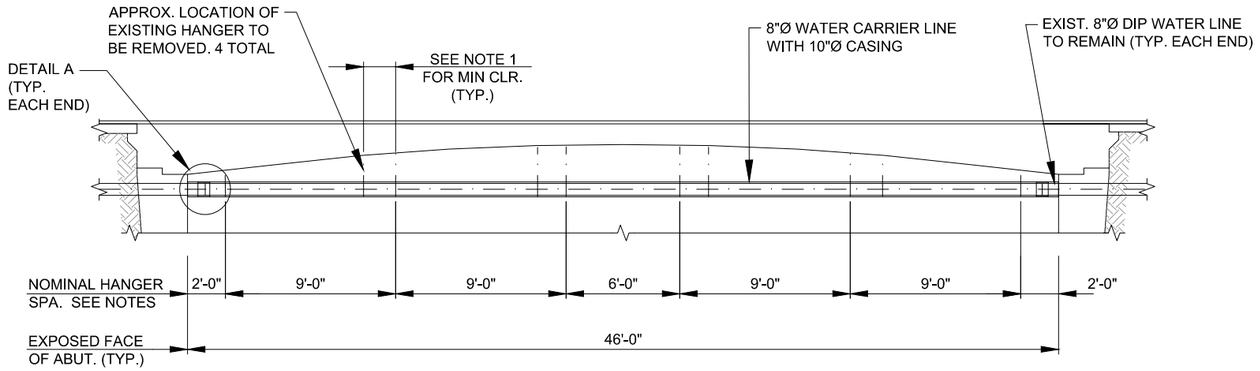
PEDESTRIAN RAIL DETAILS (CONT.)

SHEET NO:

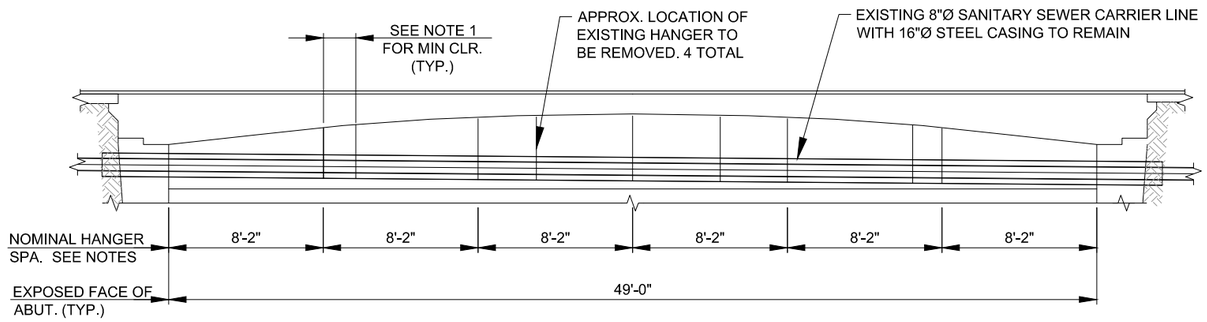
5-13

RAY M. TRUJILLO
NEW MEXICO
13514
REGISTERED PROFESSIONAL ENGINEER
5/11/2022

J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-11-13_Guadalupe_Misc Details.dwg
12/9/2021

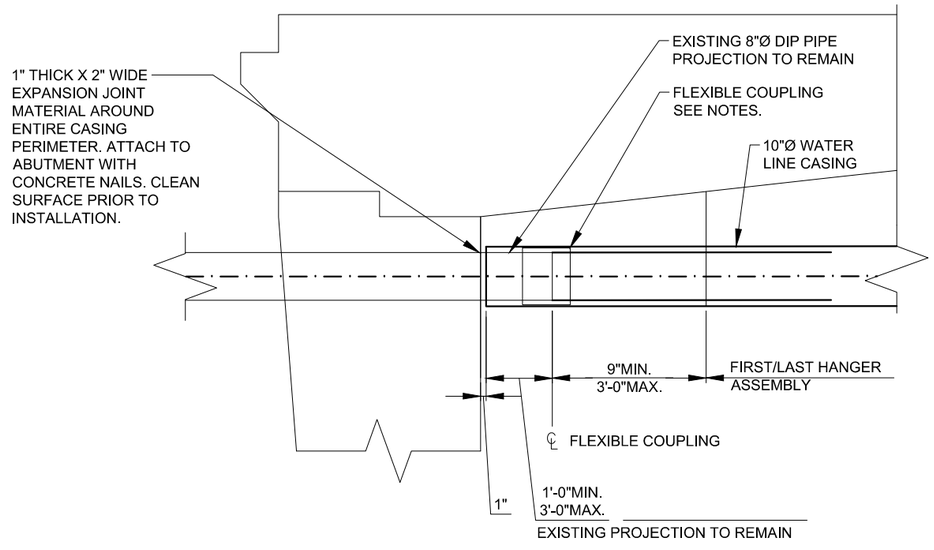


BRIDGE SECTION ALONG EXISTING WATER UTILITY



BRIDGE SECTION ALONG EXISTING SANITARY SEWER UTILITY

(SKEW EFFECTS ON ABUT LINE WORK NOT SHOWN)



DETAIL A

WATER UTILITY AT ABUTMENT (TYP. EACH ABUTMENT)

HANGER ASSEMBLY NOTES

1. NOMINAL HANGER ASSEMBLY SPACING SHOWN. HANGERS MAY BE INSTALLED AT LOCATIONS OTHER THAN THOSE SHOWN IN ORDER TO AVOID ANY SIGNIFICANT CONCRETE SPALLS OR CRACKS, AND/OR ANY EXISTING HANGER ANCHORS. NEW ANCHORS SHALL BE PLACED A MINIMUM OF 9 INCHES AWAY FROM ANY SUCH OCCURRENCES. FINAL HANGER SPACING SHALL NOT EXCEED 10 FEET. PROVIDE ADDITIONAL HANGER(S) IF THESE PARAMETERS CANNOT BE MET.
2. AT SANITARY SEWER LINE REPLACE EXISTING HANGERS ONE AT A TIME. PROVIDE TEMPORARY SUPPORT FOR EXISTING LINE DURING HANGER REPLACEMENT AT EACH LOCATION UNTIL LINE IS SUPPORTED FROM NEW HANGER ASSEMBLY.
3. ALL HANGER RODS SHALL BE FULLY THREADED RODS CONFORMING TO ASTM A36 OR F1554 GR36. RODS MAY BE SUPPLIED INTENTIONALLY LONG AND FIELD CUT AS REQUIRED FOR ADJUSTMENTS TO MATCH EXISTING UTILITY LINE PROFILES. ROD EMBEDMENT LENGTH INTO CONCRETE MAY NOT BE VARIED FROM VALUES SHOWN.
4. ALL PLATES SHALL CONFORM TO ASTM A36. ALL NUTS SHALL CONFORM TO ASTM A563 HEAVY HEX WITH ASTM F436 WASHERS.
5. ALL HANGER ASSEMBLIES, RODS, PLATES, BOLTS, NUTS AND HARDWARE SHALL BE GALVANIZED PER ASTM A123 OR A153.
6. CARE SHALL BE TAKEN NOT TO DAMAGE EXISTING BRIDGE REINFORCING WHEN INSTALLING HANGER RODS. STOP DRILLING AND SHIFT HOLE LOCATION IF REINFORCING IS ENCOUNTERED. PATCH ABANDONED HOLES WITH AN APPROVED NON-SHRINK, NON-METALLIC GROUT.
7. THE CONTRACTOR MAY ELECT TO INSTALL THE HANGER RODS INTO EXISTING CONCRETE USING EITHER EPOXY ADHESIVE OR MECHANICAL ANCHORS USING A PRODUCT AS DESCRIBED BELOW. ALTERNATE PRODUCTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
   - 7.1. OVERHEAD EPOXY ADHESIVE ANCHORS SHALL BE INSTALLED USING THE PISTON PLUG METHOD. INSTALL ANCHORS FOLLOWING MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
     HILTI HIT-HY 200 OR HIT-RE 500 V3: 5/8" DIA WITH 5 5/8" EMBED
     DEWALT AC200+ OR PURE110+: 5/8" DIA WITH 5" EMBED
   - 7.2. ALL MECHANICAL ANCHORS SHALL BE EITHER ZINC PLATED, GALVANIZED OR STAINLESS STEEL (304 OR 316). INSTALL ANCHORS FOLLOWING MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
     HILTI KWIK BOLT TZ EXPANSION ANCHOR: 5/8" DIA WITH 4" EMBED
     DEWALT POWER-STUD+SD2 EXPANSION ANCHOR: 5/8" DIA WITH 4 7/8" EMBED

WATER UTILITY NOTES

1. WATER CARRIER LINE SHALL BE CPVC SCH 80, WATER CASING LINE SHALL BE PVC SCH 80. WATER CASING LINE SHALL BE CONTINUOUS UP TO ABUTMENTS. PROVIDE 12" TO 10" DIAMETER REDUCER IF REQUIRED FOR CASING TO CLEAR FLEXIBLE COUPLINGS. CASING BUTT JOINT AT ABUTMENT IS NOT INTENDED TO BE WATERTIGHT.
2. WATER LINE PIPE INSULATION SHALL BE 1" THICK INSUL-SHEET BY K-FLEX USA OR APPROVED EQUIVALENT. INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS.
3. WATER LINE FLEXIBLE EXPANSION COUPLINGS SHALL BE SLIP-ON TYPE WITH CLAMPS. COUPLING SHALL BE RATED FOR POTABLE WATER, 75 psi INTERNAL PRESSURE, MINIMUM 3/4" EXTENSION AND 1" COMPRESSION, AND TEMPERATURE RANGE OF -30 TO 110 DEG F. PROVIDE ONE EXPANSION COUPLING AT EACH ABUTMENT AT THE TRANSITION FROM EXISTING WATER LINE TO REMAIN (I.E. PORTION OF EXISTING TO PROJECT FROM ABUTMENTS) TO THE NEW WATER LINE. ALLOW FOR FIVE WEEK ORDERING LEAD TIME FROM COUPLING SUPPLIER.

SANITARY UTILITY NOTES

1. CLEAN SURFACE OF EXISTING SANITARY LINE AT POINTS OF CONTACT WITH NEW HANGER ASSEMBLIES.

NOTE:

ALL LABOR AND MATERIALS TO COMPLETE THE UTILITY WORK SHOWN ON THIS SHEET AND THE NEXT SHEET SHALL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM NO. 663728-8" WATERLINE 0' TO 6' DEPTH AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.

RAY M. TRUJILLO NEW MEXICO 13514 REGISTERED PROFESSIONAL ENGINEER 5/11/2022

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME
GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

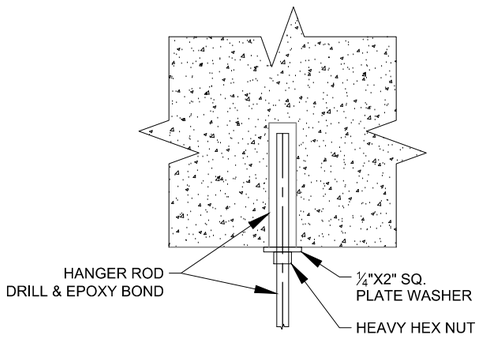
BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	CJR
DRAWN BY:	EJR
CHECKED BY:	DB
DATE:	DEC 2021

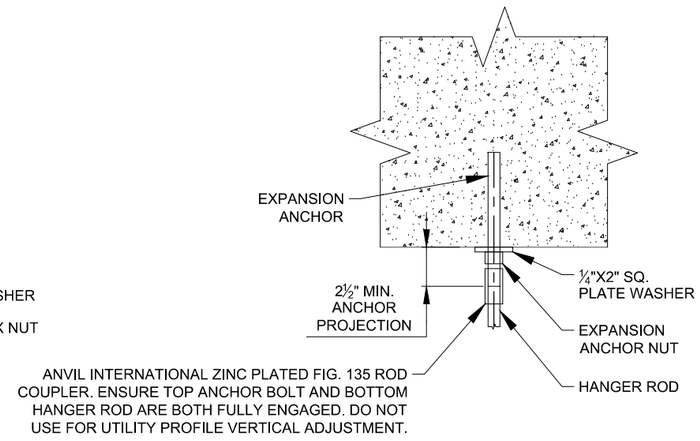
SHEET TITLE
UTILITY LAYOUTS

SHEET NO:
5-14

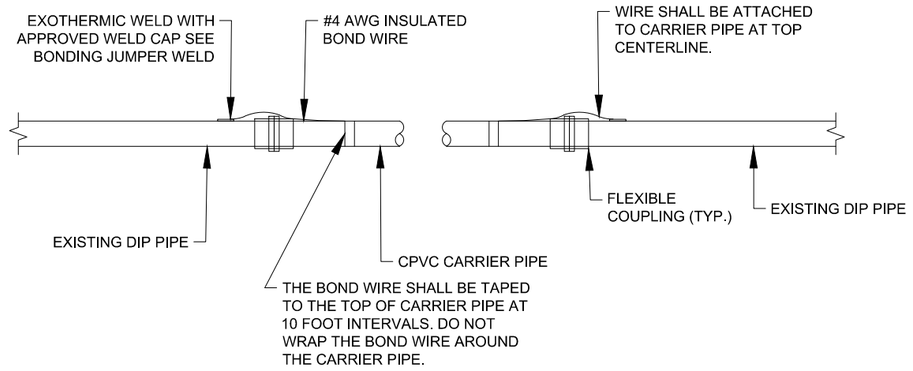
12/9/2021 J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-3_Guad Bridge Profile.dwg



OPTION 1 - EPOXY ADHESIVE



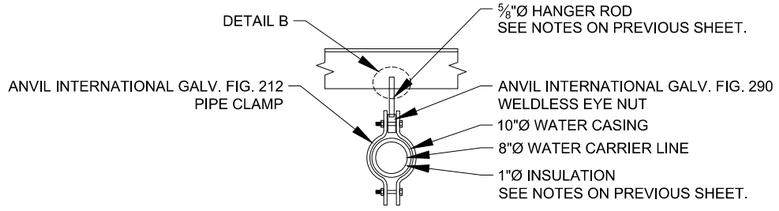
OPTION 2 - EXPANSION ANCHOR



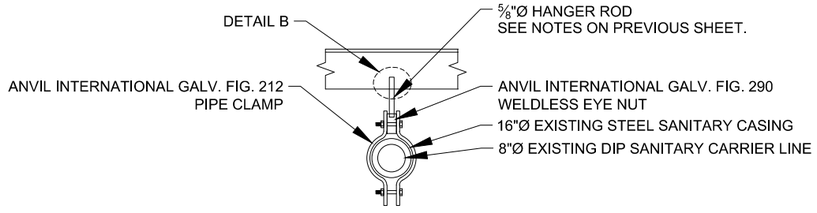
BONDING JUMPER LAYOUT

DETAIL B

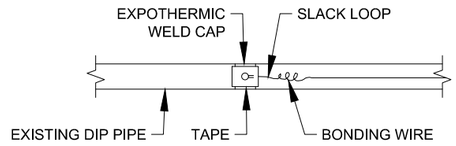
HANGER ROD ANCHORAGE (SEE NOTES ON SHEET 5-14 FOR ADDITIONAL INFORMATION)



HANGER ASSEMBLY - WATER LINE



HANGER ASSEMBLY - SANITARY LINE



BONDING JUMPER WELD

(PLAN VIEW - TOP OF PIPE)

RAY M. TRUJILLO
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13514
REGISTERED PROFESSIONAL ENGINEER
5/11/2022

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME

GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

	BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
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DESIGNED BY:	CJR
DRAWN BY:	EJR
CHECKED BY:	DB
DATE:	DEC 2021

SHEET TITLE

UTILITY
LAYOUTS

SHEET NO:

5-15

12/9/2021 J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-3_Guad Bridge Profile.dwg

S.U.E. INFORMATION PRODUCED BY T2UE (CARDNO TBE) DATED APRIL 17. 2014 CAN BE OBTAINED FROM T2UE AT (505) 345-7538.

UTILITY OWNERS:

TELEPHONE/FIBER OPTIC:
CENTURYLINK
PHONE: (505) 490-5884
CONTACT: DOUG DALE

CABLE:
COMCAST CABLE
PHONE: (505) 490-1331
CONTACT: BRIAN CATANACH

WATER:
CITY OF SANTA FE
PHONE: (505) 955-4277
CONTACT: BRIAN SNYDER, PE

GAS:
NEW MEXICO GAS CO.
PHONE: (505) 473-7202
CONTACT: FRANK ARAGON

ELECTRIC:
PNM OF NEW MEXICO
PHONE: (505) 473-3209
CONTACT: TOM DOMINGUEZ

WASTEWATER:
CITY OF SANTA FE
PHONE: (505) 955-4637
CONTACT: T. STANLEY HOLLAND, PE

LEGEND

- WATER VALVE
- GAS TEST POINT
- AREA INLET
- POWER POLE
- SEWER MANHOLE
- TELEPHONE MANHOLE
- LIGHT POLE

- uge — UNDERGROUND ELECTRIC LINE
- ohe — OVERHEAD ELECTRIC LINE
- ugpl — UNDERGROUND TRAFFIC ELECTRIC LINE
- ug — UNDERGROUND GAS LINE
- sswr — SANITARY SEWER (QLC)
- SS(D) — SANITARY SEWER (QLD)
- strm — STORM DRAIN (QLC)
- SD(D) — STORM DRAIN (QLD)
- ugtl — UNDERGROUND TELEPHONE LINE
- ugfo — UNDERGROUND FIBER OPTIC LINE
- ugtv — UNDERGROUND TELEVISION LINE
- w — UNDERGROUND WATER LINE
- W(D) — UNDERGROUND WATER LINE (QLD)
- UNK — UNDERGROUND UNKNOWN UTILITY

W. ALAMEDA STREET

GUADALUPE STREET

***** NOTE *****
SHAPE OF COMMUNICATIONS VAULT IS APPROXIMATE.

Pipe outfalls into Santa Fe River, river is shown QL-D from aerial mapping

Grate EL = 6958.24
SE Inv. EL = Unable to obtain
NW Inv. EL = Unable to obtain

Grate EL = 6958.45
SE Inv. EL (8" RCP) = 6955.05
NW Inv. El = Unable to obtain

Grate EL = 6958.80
Unable to obtain invert data

Wastewater Manhole
Rim EL = 6962.67
NE Inv. EL (8" RCP) = 6955.15

Wastewater Manhole
Rim EL = 6955.64
SW Inv. EL (24" RCP) = 6945.29

Grate EL = 6958.79
Unable to obtain invert, full of debris.

Grate EL = 6958.51
N Inv EL = Unable to obtain
SW Inv EL (18" RCP)=6951.59

Wastewater Manhole
Rim EL = 6958.58
SE Inv. EL (18" PVC) = 6949.70
S Inv. EL (24" RCP) = 6945.57
SW Inv. El. (8" PVC) = 6952.79
NNE Inv. EL (24" RCP) = 6945.56

Grate EL = 6958.63
NW Inv EL (18" RCP) = 6955.15

**** NOTE ****
COA NOT FING ANOTHER STREET INTO LINE OR BLIND JUNCTION BOX

Disclaimer:
All lines that are labeled as QL-D were derived from maps that were acquired from utility companies. All QL-D labeled lines should be noted with such label and are estimated as to their exact location and should be considered as such. All lines that are labeled as QL-C were derived from point to point surface features and are a direct line shot between those features. Line sizes and utility materials depicted on this drawing were taken from as-builts and other forms of record and have not been verified. For exact locations of all subsurface lines test holes should be performed to acquire that data. This information was acquired from January 23rd 2014 to January 25th 2014.

Limits covered in the utility investigation are approximate and were defined as follows:
-Outlined in maps received from Mr. Rich Rotto on June 4th and August 27, 2013
-Site visit with Mr. Rich Rotto on January 23, 2014 to clarify limits.

Guadalupe Street was previously completed as a prior project and added to this project to provide additional information. This information was collected between October 22nd 2012 and December 14th 2012
Limits covered in that utility investigation are approximate and were defined as follows:
-Guadalupe St. from the center of the intersection at West Alameda St.
145 feet South and 40 feet North.

RAY M. TRUJILLO
NEW MEXICO
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REGISTERED PROFESSIONAL ENGINEER
5/11/2022

WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME
GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

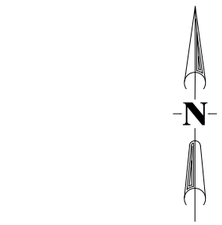
BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
DATE:	

SHEET TITLE
S.U.E
DATA

SHEET NO:
5-16

J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-16_Guadalupe_SUE 12/14/2021 Data_Rev.dwg



GRAPHIC SCALE

80 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

CONTOUR INTERVAL = 1 FOOT

LEGAL DESCRIPTION

De Fouri Street Bridge, County of Santa Fe, State of New Mexico.

TEMPORARY BENCHMARK (TBM)

Temporary Benchmark is a mag nail with shiner. Located as shown on plan.

CP-825	CP-826	CP-827
N: 106366.2740	N: 106492.0260	N: 106546.5960
E: 31476.8510	E: 31318.3610	E: 31511.7130
ELEV: 6951.772'	ELEV: 6947.584'	ELEV: 6944.681'

PROJECT BENCHMARK

Benchmark used is "SANTA FE EAST BASE RM3". Elevation = 6820.560'

SURVEY INFO.

Topographic survey performed by:

WILSON & COMPANY
4900 LANG AVENUE N.E.
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

SURVEY INFO.

1. This is not a boundary survey, apparent property corners are shown for orientation only.
2. Coordinates and bearings shown are New Mexico State Plane (Central Zone)
   NAD 83
   NAVD 88
   Combined Grid-to-Ground Factor = 1.0004066253
   Scaled to ground around (0,0)

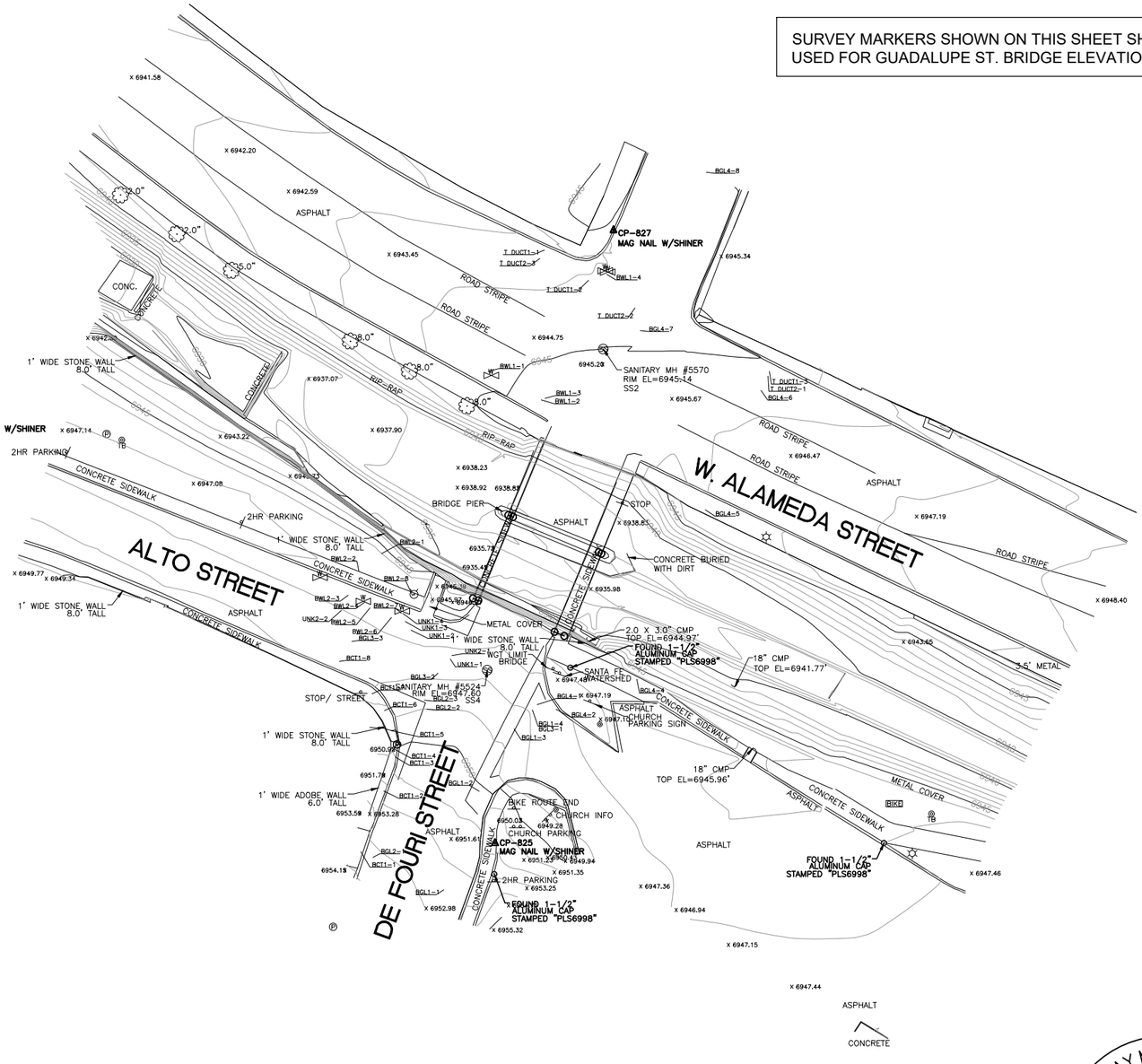
LEGEND

▲	CONTROL, CONTROL POINT
BIKE	SITE, BIKE RACK
TB	SITE, 55 GALLON TRASH BIN
◉	SITE, STEEL BOLLARD
	SITE, SINGLE POLE SIGN
	SITE, DOUBLE POLE SIGN
	VEGETATION, DECIDUOUS TREE
	ELECTRICAL, LIGHT POLE
P	ELECTRICAL, POWER POLE
	ELECTRICAL, GUY WIRE
SS	UTILITY, SANITARY SEWER MANHOLE
SD	UTILITY, STORM DRAIN MANHOLE
	UTILITY, FIRE HYDRANT
W	UTILITY, WATER VALVE
	UTILITY, GAS LINE
	UTILITY, WATER LINE
	UTILITY, UNDERGROUND ELECTRIC LINE
	UTILITY, OVERHEAD ELECTRIC LINE
	DRAINAGE, CULVERT PIPE

SANITARY MH #5571
RIM EL=6940.04
SS3

SURVEY INFORMATION PRODUCED BY WILSON & COMPANY, DATED NOVEMBER 9. 2012 CAN BE OBTAINED FROM WILSON & COMPANY AT (505) 348-4000.

SURVEY MARKERS SHOWN ON THIS SHEET SHALL BE USED FOR GUADALUPE ST. BRIDGE ELEVATIONS.



SANITARY MH #5506
RIM EL=6956.41
SS5

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WSP USA, INC.
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

CONSULTANTS

SEAL

PROJECT NAME
GUADALUPE STREET
BRIDGE PRESERVATION
SANTA FE, NM
CIP # 823B

BY	DESCRIPTION	DATE	REV.

WSP PROJECT NO:	30900483.TO01
NMDOT PROJECT NO:	LP50008
DESIGNED BY:	W&C
DRAWN BY:	W&C
CHECKED BY:	W&C
DATE:	DEC 2021

SHEET TITLE
SURVEY DATA

SHEET NO:
5-17

J:\30900483 CoSanta Fe On-Call Design Services\03 Task Orders\Task 01 - Guadalupe St Bridge\04 Engineering - CN LP50008\Plans\5_Sheets\5 Series\5-17_Guadalupe_Survey 12/14/2021 Data.dwg

PHASE I: MEDIAN CLOSURE AND ADVANCE WARNING
PLACE ALL PROJECT ADVANCE WARNING SIGNAGE
CLOSE MEDIAN AND REMOVE MEDIAN CURB AND GUTTER. PAVE MEDIAN FOR PHASE II DEOURS

NOTE:
"END ROAD WORK" SIGNS (G20-2-36) SHALL REMAIN THROUGHOUT ALL PHASES OF THE PROJECT CYCLE

PHASE II: CLOSE NORTHBOUND TRAFFIC SIDE: PLACE DETOUR SIGNAGE. PLACE TWO WAY TRAFFIC ON EXISTING SOUTHBOUND SIDE.

PHASE II-A: PLACE PEDESTRIAN DETOUR SIGNAGE FOR THIS PHASE.
BUILD ROADWAY AND SIDEWALK W. ALEMEDA TO SAN FRANCISCO STREET.

PHASE II-B1: REMOVE PEDESTRIAN DETOUR SIGNING PHASE II-A
PLACE PEDESTRIAN DETOUR SIGNAGE AND ROAD CLOSURE/DETOUR SIGNAGE FOR SAN FRANCISCO STREET AND JOHNSON STREET
PLACE MIDBLOCK PEDESTRIAN CROSSING AT JEFFERSON STREET
BUILD ROADWAY AND SIDEWALK: SAN FRANCISCO STREET TO McKENZIE ST.

PHASE II-B2: REMOVE PEDESTRIAN DETOUR SIGNING PHASE II-B1
PLACE PEDESTRIAN DETOUR SIGNAGE AND ROAD CLOSURE/DETOUR SIGNAGE FOR McKENZIE STREET AND JEFFERSON STREET.
MOVE MID-BLOCK CROSSING TO MCKENZIE STREET
BUILD ROADWAY AND SIDEWALK: McKENZIE STREET TO CATRON STREET

PHASE II-C: REMOVE PEDESTRIAN DETOUR SIGNING PHASE II-B2
PLACE PEDESTRIAN DETOUR SIGNAGE AND ROAD CLOSURE/DETOUR SIGNAGE FOR CATRON STREET AND SOLANA STREET .
BUILD ROADWAY AND SIDEWALK: CATRON STREET TO PASEO DE PERALTA

PHASE III: CLOSE SOUTH BOUND TRAFFIC SIDE, PLACE TRAFFIC ON NEWLY CONSTRUCTED NORTHBOUND: COMMENCE CONSTRUCTION ON SORTHBOUND ROAD AND SIDEWALK

PHASE III-A: PLACE PEDESTRIAN DETOUR SIGNAGE FOR THIS PHASE.
BUILD ROADWAY AND SIDEWALK W. ALEMEDA TO SAN FRANCISCO STREET.

PHASE III-B1: REMOVE PEDESTRIAN DETOUR SIGNING PHASE III-B1
PLACE PEDESTRIAN DETOUR SIGNAGE AND ROAD CLOSURE/DETOUR SIGNAGE FOR SAN FRANCISCO STREET AND JEFFERSON STREET
PLACE MIDBLOCK PEDESTRIAN CROSSING AT JEFFERSON STREET
BUILD ROADWAY AND SIDEWALK: SAN FRANCISCO STREET TO McKENZIE ST.

PHASE III-B2: REMOVE PEDESTRIAN DETOUR SIGNING PHASE III-B1
PLACE PEDESTRIAN DETOUR SIGNAGE AND ROAD CLOSURE/DETOUR SIGNAGE FOR JEFFERSON STREET
MOVE MID-BLOCK CROSSING TO MCKENZIE STREET
BUILD ROADWAY AND SIDEWALK: McKENZIE STREET TO CATRON STREET

PHASE III-C: REMOVE PEDESTRIAN DETOUR SIGNING PHASE III-B2
PLACE PEDESTRIAN DETOUR SIGNAGE AND ROAD CLOSURE/DETOUR SIGNAGE FOR PARK AVENUE .
PHASE CONSTRUCT FROM PARK AVENUE TO MID JOSE STREET. ALLOW INGRESS/EGRESS FOR JOSE STREET
PHASE CONSTRUCT FROM JOSE STREET TO PASEO DE PERALTA. ALLOW INGRESS/EGRESS FOR JOSE STREET

PHASE IV: REMOVE PEDESTRIAN DETOUR SIGNING PHASE IIIC
PLACE TRAFFIC ON NEWLY CONSTRUCTED NORTHBOUND AND SOUTH BOUND LANES
CONSTRUCT MEDIANS FROM PASEO DE PERALTA TO ALAMEDA ST.

PHASE V: REMOVE PEDESTRIAN DETOUR SIGNING PHASE IV
PHASE CONSTRUCT QUADRANTS OF INTERSECTION PASEO DE PERALTA AND GUADALUPE STREET.

PHASE VI-A: REMOVE PEDESTRIAN DETOUR SIGNING PHASE V
PHASE CONSTRUCT QUADRANTS OF INTERSECTION ALAMEDA AND GUADALUPE STREET.
BRIDGE RECONSTRUCTION WORK

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
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CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
23782
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
MANDATORY SEQUENCE OF CONSTRUCTION

SHEET NO:
6-1

8/18/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS01.dwg

SIGN CODE	SIGN SIZE SQ. FT.	NO. OF SIGNS	NO. OF SIGNS (REUSED)	TOTAL AREA (SF)	TOTAL AREA (REUSED)	POST LENGTHS						704105									702610	
						LEFT	CENTER	RIGHT	POST TOTAL	BASE POST NO.	BASE POST TOTAL	REMOVABLE MARKING TAPE 24" (LF)	BARRICADES TYPE III - 8 FT	BARRICADES TYPE III - 8 FT (REUSED)	DRUMS	DRUMS (REUSED)	VERTICAL PANEL	VERTICAL PANEL (REUSED)	SEQUENTIAL ARROW DISPLAY	SEQUENTIAL ARROW DISPLAY (REUSED)	PORTABLE CHANGEABLE MESSAGE SIGN	PORTABLE CHANGEABLE MESSAGE SIGN (REUSED)
GUADALUPE ST PHASE I																						
G20-2-36	4.5	15		67.5			X				157.5											
M4-9L-30	5	2		10			X				21											
R3-2L-24	4	3		12		ON BARRICADE																
R3-8-30	6.25	1		6.25			X				10.5											
R4-7a-24	5	15		75		ON BARRICADE																
R11-2NM-48	10	15		150		ON BARRICADE																
W1-6R-36	4.5	15		67.5		ON BARRICADE																
W12-1-36	9	1		9			X				10.5											
W13-1P-18-25	4	1		4			X				10.5											
W20-1-36	9	14		126			X				294											
													19		120						6	
SUB-TOTAL		**82**		**527.25**							**504**		**19**		**120**						**6**	
GUADALUPE ST PHASE II-A																						
G20-2-36	4.5	8	(8)		(36)		X				0											
R3-2L-24	4	2	(2)		(8)		X				0											
R4-7a-24	5	4	(4)		(20)		X				0											
R9-9-24	2	2		4			X															
R9-11-24	3	2		6			X				21											
R9-11a-24	2	4		8			X															
R11-2-48	10	2		20		ON BARRICADE																
R11-2NM-48	10	7	(7)		(70)	ON BARRICADE																
W1-4L-30	6.25	1		6.25			X				21											
W1-6R-36	4.5	3	(3)		(14)	ON BARRICADE																
W1-6L-36	4.5	6		27		ON BARRICADE																
W4-2L-36	9	1		9			X				10.5											
W4-2R-36	9	1		9			X				10.5											
W9-1L-36	9	1		9			X				10.5											
W13-1P-18-25	2.25	2	(1)	2.25	(2)		X				10.5											
W20-1-36	9	8	(8)		(72)		X				0											
													3	(19)		(33)						
SUB-TOTAL		**54**	**(33.0)**	**100.5**	**(222)**						**84**		**3**	**(19)**		**(33)**						
GUADALUPE ST PHASE II-B1																						
G20-2-36	4.5	2	(2)	0	(9)		X				0											
R1-1-30	2.25	2		4.5			X				21											
R3-2L-24	4	3	(3)		(12)	ON BARRICADE																
R9-2-12	1.5	2		3			X				21											
R9-9-24	2	4	(2)	4	(4)		X				21											
R9-11-24	3	4	(2)	6	(6)		X				21											
R9-11a-24	2	3	(3)		(6)		X				0											
R11-2-48	10	6	(2)	40	(20)	ON BARRICADE																
R11-2NM-48	10	3	(3)		(30)	ON BARRICADE																
R11-3a-60	12.5	3		37.5		ON BARRICADE																
SP-10R-48	8	2		16			X				21											
W1-6L-36	4.5	1	(1)		(5)		X				0											
W3-4-36	9	1		9			X				10.5											
W4-2L-36	9	1	(1)		(9)		X				0											
W9-1L-36	9	1	(1)		(9)		X				0											
W11-2-30	6.25	2		12.5			X				21											
W16-7P-24	2	2		4			X				21											
W20-1-36	9	6	(6)		(54)		X				0											
												90		(15)		(21)	21					
SUB-TOTAL		**48**	**(24)**	**136.5**	**(164)**						**157.5**	**90**		**(15)**		**(21)**	**21**					
GUADALUPE ST PHASE II-B2																						
G20-2-36	4.5	5	(5)		(23)		X				0											
R1-1-30	6.25	2	(2)		(13)		X				0											
R4-7a-24	5	2	(2)		(10)		X				0											
R9-2-12	1.5	1	(1)		(2)		X				0											
R9-9-24	2	2	(2)		(4)		X				0											
R9-11-24	3	2	(2)		(6)		X				0											
R9-11a-24	3	2	(2)		(6)		X				0											
R11-2NM-48	8	5	(5)		(40)	ON BARRICADE																
R11-3a-60	12.5	2	(2)		(25)	ON BARRICADE																
W1-4R-30	6.25	1		6.25			X				10.5											
W1-6R-36	4.5	5	(5)		(23)		X				0											
W3-4-36	9	2	(1)	9	(9)		X				10.5											
W4-2R-36	9	1	(1)		(9)		X				0											
W11-2-30	6.25	2	(2)		(13)		X				0											
W16-7p-24	2	2	(2)		(4)		X				0											
W20-1-36	9	5	(5)		(45)		X				0											
												44		(10)		(31)		(13)				
SUB-TOTAL		**41**	**(39)**	**15.25**	**(230)**						**21**	**44**		**(10)**		**(31)**		**(13)**				
GUADALUPE ST PHASE II-C																						
G20-2-36	4.5	9	(9)		(41)		X				0											
M4-9L-30	5	1	(1)		(5)		X				0											
R3-2L-24	4	2	(2)		(8)		X				0											
R4-7a-24	5	1	(1)		(5)		X				0											
R9-2-12	1.5	1	(1)		(2)		X				0											
R9-9-24	2	6	(2)	8	(4)	ON BARRICADE																
R9-11-24	3	3	(3)		(9)		X				0											
R9-11a-24	2	4	(3)	2	(6)		X				10.5											
R11-2-48	8	6	(6)		(48)	ON BARRICADE																
R11-2NM-48	8	2	(2)		(16)	ON BARRICADE																
R11-3a-60	12.5	1	(1)		(13)	X		X			0											
SP-10R-48	8	1	(1)		(8)		X				0											
W1-6R-36	4.5	2	(2)		(9)		X				0											
W1-6L-36	4.5	1	(1)		(5)		X				0											
W12-1-36	9	1	(1)		(9)		X				0											
W13-1P-18-25	2.25	1	(1)		(2)		X				0											
W20-1-36	9	3	(3)		(27)		X				0											
														(12)		(50)		(15)				(1)
SUB-TOTAL		**45**	**(40)**	**10**	**(215)**						**0**			**(12)**		**(50)**		**(15)**				**(1)**

NOTE: PARENTHESIS INDICATE QUANTITIES RE-USED ( )

WILSON & COMPANY
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PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL SCHEDULES

SHEET NO:

6-2

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS02.dwg

SIGN CODE	SIGN SIZE SQ. FT.	NO. OF SIGNS	NO. OF SIGNS (REUSED)	TOTAL AREA (SF)	TOTAL AREA (REUSED)	POST LENGTHS						704105									702610	
						LEFT	CENTER	RIGHT	POST TOTAL	BASE POST NO.	BASE POST TOTAL	REMOVABLE MARKING TAPE 24" (LF)	BARRICADES TYPE III 8 FT	BARRICADES TYPE III 8 FT (REUSED)	DRUMS	DRUMS (REUSED)	VERTICAL PANEL	VERTICAL PANEL (REUSED)	SEQUENTIAL ARROW DISPLAY	SEQUENTIAL ARROW DISPLAY (REUSED)	PORTABLE CHANGEABLE MESSAGE SIGN	PORTABLE CHANGEABLE MESSAGE SIGN (REUSED)
GUADALUPE ST PHASE III-A																						
G20-2-36	4.5	1	(1)		(5)		X				0											
R3-2L-24	4	3	(3)		(12)		X				0											
R4-7a-24	5	3	(3)		(15)		X				0											
R9-9-24	2	4	(4)		(8)		X				0											
R9-11-24	3	2	(2)		(6)		X				0											
R9-11a	2	4	(4)		(8)		X				0											
R11-2-48	8	3	(3)		(24)	ON BARRICADE																
R11-2NM-48	8	2	(2)		(16)	ON BARRICADE																
R11-3a-60	12.5	1	(1)		(13)	ON BARRICADE																
SP-10R-48	8	1	(1)		(8)		X				0											
W1-4L-30	6.25	1	(1)		(6)		X				0											
W1-6L-36	4.5	2	(2)		(9)		X				0											
W4-2R-36	9	1	(1)		(9)	ON BARRICADE																
W20-1-36	9	9	(9)		(81)		X				0											
														(10)		(41)	13	(21)	1			
SUB-TOTAL		**37**	**(37)**		**(219.3)**						**0**			**(10)**		**(41)**	**13**	**(21)**	**1**			
GUADALUPE ST PHASE III-B1																						
G20-2-36	4.5	4	(4)		(18)		X				0											
M4-9L-30	5	1	(1)		(5)		X				0											
R1-1-30	6.25	2	(2)		(13)		X				0											
R3-2L-24	4	4	(4)		(16)		X				0											
R4-7a-24	5	2	(2)		(10)	ON BARRICADE																
R9-9-24	2	2	(2)		(4)		X				0											
R9-11-24	3	1	(1)		(3)		X				0											
R11-2-48	8	5	(5)		(40)		X				0											
R11-2NM-48	8	1	(1)		(8)		X				0											
R11-3a-60	12.5	2	(2)		(25)	X		X			0											
W1-6L-36	4.5	1	(1)		(5)		X				0											
W1-6R-36	4.5	1	(1)		(5)		X				0											
W3-4-36	9	2	(2)		(18)		X				0											
W4-2R-36	9	1	(1)		(9)		X				0											
W11-2-30	6.25	2	(2)		(13)		X				0											
W16-1P-24	2	2	(2)		(4)		X				0											
W20-1-36	9	7	(7)		(63)		X				0											
												133		(12)		(28)		(22)		(1)		
SUB-TOTAL		**40**	**(40)**		**(257)**						**0**	**133**		**(12)**		**(28)**		**(22)**		**(1)**		**(0)**
GUADALUPE ST III-B2																						
R1-1-30	6.25	4	(4)		(25)		X				0											
R3-2L-24	4	5	(1)	16	(4)		X				42											
R4-7a-24	5	2	(2)		(10)		X				0											
R9-2-12	1.5	2	(2)		(3)		X				0											
R9-11-24	3	1	(1)		(3)		X				0											
R9-11a-24	2	3	(3)		(6)		X				0											
R11-2-48	8	4	(4)		(32)		X				0											
R11-2NM-48	8	2	(2)		(16)		X				0											
R11-3a-60	12.5	1	(1)		(13)	X		X			0											
SP-10R-48	8	1	(1)		(8)		X				0											
W1-4L-30	6.25	1	(1)		(6)		X				0											
W1-6L-36	4.5	2	(2)		(9)		X				0											
W3-4-36	9	2	(2)		(18)		X				0											
W4-2R-36	9	1	(1)		(9)		X				0											
W11-2-30	6.25	2	(2)		(13)		X				0											
W16-7P-24	2	2	(2)		(4)		X				0											
W20-1-36	9	6	(6)		(54)		X				0											
												133		(13)		(30)		(24)		(1)		
SUB-TOTAL		**41**	**(37)**	**16**	**(232.3)**						**42**	**133**		**(13)**		**(30)**		**(24)**		**(1)**		
GUADALUPE ST PHASE III-C																						
G20-2-36	4.5	4	(4)		(18)		X				0											
M4-9NM-30	6.25	1		6.25			X				10.5											
M4-9R-30	5	1		5			X				10.5											
R3-2L-24	4	3	(3)		(12)		X				0											
R3-8B-48	10	1		10			X				10.5											
R4-7a-24	5	1	(1)		(5)		X				0											
R9-9-24	2	3	(3)		(6)		X				0											
R9-11-24	3	1	(1)		(3)	ON BARRICADE																
R9-11a-24	2	4	(4)		(8)		X				0											
R11-2-48	8	4	(4)		(32)	ON BARRICADE																
R11-2NM-48	8	3	(3)		(24)	ON BARRICADE																
R11-3a-60	12.5	1	(1)		(13)	X		X			0											
SP-10R-48	8	4	(2)	16	(16)		X				21											
W1-6L-36	4.5	3	(3)		(14)		X				0											
W1-6R-36	4.5	1	(1)		(5)		X				0											
W20-1-36	9	4	(4)		(36)		X				0											
														(5)		(45)		(18)				(1)
SUB-TOTAL		**39**	**(34)**	**37.25**	**(190.5)**						**52.5**			**(5)**		**(45)**		**(18)**				**(1)**
GUADALUPE ST PHASE IV																						
G20-2-36	4.5	15	(15)		(68)		X				0											
M4-9L-30	5	1	(1)		(5)		X				0											
R3-2L-24	4	9	(4)	20	(16)		X				52.5											
R3-8-30	6.25	1	(1)		(6)		X				0											
R4-7a-24	5	8	(8)		(40)		X				0											
W12-1-30	6.25	1	(1)		(6)		X				0											
W13-1P-18-25	2.25	1	(1)		(2)		X				0											
W20-1-36	9	15	(14)	9	(126)	ON BARRICADE																
														(18)	20	(120)						(6)
SUB-TOTAL		**51**	**(45)**	**29**	**(269)**						**52.5**			**(18)**	**20**	**(120)**						**(6)**
GUADALUPE ST PHASE V-A																						
G20-2-36	4.5	4	(4)		(18)		X				0											
R3-8-30	6.25	1	(1)		(6)		X				0											
R9-9-24	2	4	(4)		(8)		X				0											
R9-11-24	3	3	(3)		(9)		X				0											
R9-11a-24	2	1	(1)		(2)		X				0											
R11-2-48	8	1	(1)		(8)	ON BARRICADE																
W1-6L-36	4.5	1	(1)		(5)		X				0											
W4-2R-36	9	1	(1)		(9)		X				0											
W12-1-30	6.25	1	(1)		(6)		X				0											
W20-1-36	9	4	(4)		(36)		X				0											
														(2)		(39)				(1)		
SUB-TOTAL		**21**	**(21)**		**(107.00)**						**0**			**(2)**		**(39)**				**(1)**		

NOTE: PARENTHESIS INDICATE QUANTITIES RE-USED ( )

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL SCHEDULES

SHEET NO:

6-3

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS02.dwg

												704105										702610	
SIGN CODE	SIGN SIZE SQ. FT.	NO. OF SIGNS	NO. OF SIGNS (REUSED)	TOTAL AREA (SF)	TOTAL AREA (REUSED)	POST LENGTHS						REMOVABLE MARKING TAPE 24" (LF)	BARRICADES TYPE III - 8 FT	BARRICADES TYPE III - 8 FT (REUSED)	DRUMS	DRUMS (REUSED)	VERTICAL PANEL	VERTICAL PANEL (REUSED)	SEQUENTIAL ARROW DISPLAY	SEQUENTIAL ARROW DISPLAY (REUSED)	PORTABLE CHANGEABLE MESSAGE SIGN	PORTABLE CHANGEABLE MESSAGE SIGN (REUSED)
						LEFT	CENTER	RIGHT	POST TOTAL	BASE POST NO.	BASE POST TOTAL												
GUADALUPE ST PHASE V-B																							
G20-2-36	4.5	3	(3)		(14)		X				0												
R3-8-48	10	1	(1)		(10)		X				0												
R9-9-24	2	2	(2)		(4)		X				0												
R9-11-24	3	1	(1)		(3)		X				0												
R9-11a-24	2	2	(2)		(4)		X				0												
R11-2NM-48	8	1	(1)		(8)	ON BARRICADE																	
W1-6L-36	4.5	1	(1)		(5)						0												
W4-2R-36	9	1	(1)		(9)		X				0												
W20-1-36	9	1	(1)		(9)		X				0												
W23-2-36	9	1		9			X				10.5												
														(1)		(13)				(1)			
SUB-TOTAL		**14**	**(13)**	**9**	**(65)**						**10.5**			**(1)**		**(13)**				**(1)**			
GUADALUPE ST PHASE V-C																							
G20-2-36	4.5	4	(4)		(18)		X				0												
R4-7a-24	4	1	(1)		(4)		X				0												
R9-11a-24	2	2	(2)		(4)		X				0												
R11-2NM-48	8	2	(2)		(16)		X				0												
W1-4L-36	9	1	(1)		(9)		X				0												
W1-6L-36	4.5	2	(2)		(9)	ON BARRICADE																	
W4-2R-36	9	1	(1)		(9)		X				0												
W20-1-36	9	2	(2)		(18)		X				0												
														(4)		(41)				(1)			
SUB-TOTAL		**15**	**(15)**		**(87)**						**0**			**(4)**		**(41)**				**(1)**			
GUADALUPE ST PHASE V-D																							
G20-2-36	4.5	4	(4)		(18)		X				0												
R3-8-30	6.25	1	(1)		(6)		X				0												
R3-8-48	10	1	(1)		(10)		X				0												
R9-9-24	2	1	(1)		(2)		X				0												
R9-11a-24	2	2	(2)		(4)		X				0												
R11-2NM-48	8	2	(2)		(16)		X				0												
W1-6L-48	4.5	1	(1)		(5)		X				0												
W1-6R-48	4.5	1	(1)		(5)		X				0												
W4-2R-36	9	1	(1)		(9)	ON BARRICADE																	
W12-1-30	6.25	1	(1)		(6)		X				0												
W20-1-36	9	4	(4)		(36)		X				0												
W23-2-36	9	1	(1)		(9)		X				0												
														(4)		(45)				(1)			
SUB-TOTAL		**20**	**(20)**		**(126)**						**0**			**(4)**		**(45)**				**(1)**			
GUADALUPE ST PHASE VI-A																							
G20-2-36	4.5	3	(3)		(14)		X				0												
M4-9NM-30	5	1	(1)		(5)		X				0												
M4-9R-30	5	1	(1)		(5)		X				0												
R4-7a-24	4	2	(2)		(8)		X				0												
R9-9-24	2	3	(3)		(6)		X				0												
R9-11-24	3	3	(3)		(9)	ON BARRICADE																	
R11-2-48	8	6	(6)		(48)		X				0												
R11-2NM-48	8	2	(2)		(16)		X				0												
R11-3a-60	12.5	2	(2)		(25)	X		X			0												
W1-4L-30	6.25	1	(1)		(6)		X				0												
W1-6L	8	2	(2)		(16)		X				0												
W1-6R	8	1	(1)		(8)		X				0												
W20-1-36	9	5	(5)		(45)		X				0												
														(9)		(45)		(27)					
SUB-TOTAL		**32**	**(32)**		**(211)**						**0**			**(9)**		**(45)**		**(27)**					
GUADALUPE ST PHASE V1-B																							
G20-2-36	4.5	2	(2)		(9)		X				0												
M4-9NM-30	5	1	(1)		(5)		X				0												
M4-9R-30	5	1	(1)		(5)		X				0												
M4-9L-30	5	1	(1)		(5)		X				0												
R3-2L-24	4	1	(1)		(4)		X				0												
R4-7a-24	4	2	(2)		(8)		X				0												
R11-2-48	8	7	(7)		(56)		X				0												
R11-2NM-48	8	1	(1)		(8)		X				0												
W1-6L-36	4.5	1	(1)		(5)		X				0												
W20-1-36	9	6	(6)		(54)		X				0												
														(14)		(28)		(28)					
SUB-TOTAL		**23**	**(23)**		**(159)**						**(0)**			**(14)**		**(28)**		**(28)**					
GUADALUPE ST PHASE VI-C																							
G20-2-36	4.5	1	(1)		(5)		X				0												
M4-9L-30	5	1	(1)		(5)		X				0												
R9-9-24	2	1	(1)		(2)		X				0												
R9-11-24	3	1	(1)		(3)		X				0												
R9-11a-24	2	2	(2)		(4)		X				0												
R11-2-48	8	3	(3)		(24)	ON BARRICADE																	
R11-3a-60	12.5	3	(3)		(38)	X		X			0												
W20-1-36	9	2	(2)		(18)		X				0												
														(7)		(4)							
SUB-TOTAL		**14**	**(14)**		**(98)**						**0**			**(7)**		**(4)**							
PROJECT TOTAL				**881**								**400**	**22**		**140**		**34**		**1**		**6**		

NOTE: PARENTHESIS INDICATE QUANTITIES RE-USED ( )

DETOUR PAVEMENT CONSTRUCTION — *ITEM NO. 405000*

STATION	*TO*	*STATION*	*SQ YD*	*REMARKS*
10+14.00	-	10+74.00	14.26	CALCULATED
11+44.00	-	13+79.00	285.94	CALCULATED
14+67.00	-	15+64.00	43.88	CALCULATED
16+20.00	-	17+94.00	86.52	CALCULATED
18+66.00	-	21+53.00	143.58	CALCULATED
22+54.00	-	24+26.00	81.98	CALCULATED
24+93.00	-	28+47.00	156.89	CALCULATED
29+19.00	-	29+96.00	35.89	CALCULATED
35+26.00	-	37+53.00	234.06	CALCULATED
		PROJECT TOTAL	1,082.99	
		PROJECT USE	*1,090*	

TRAFFIC CONTROL PAY ITEMS

ITEM NO	*DESCRIPTION*	*UNITS*	*PROJECT TOTAL*
702610	PORTABLE CHANGEABLE MESSAGE SIGN	EA	6
702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	LS	LS
702811	TRAFFIC CONTROL DEVICES FOR PEDESTRIAN AND BICYCLIST	LS	LS

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TEMPORARY TRAFFIC CONTROL SCHEDULES

SHEET NO:

6-4

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 61\176085_CS02.dwg

TRAFFIC CONTROL GENERAL NOTES:

1. **TRAFFIC CONTROL:** All Temporary Traffic Control (TTC) devices shall be placed in accordance with the NMDOT Standard Specifications for Highway and Bridge Construction (latest edition) and the Manual on Uniform Traffic Control Devices (latest edition) and current revisions with the following constraints:
   a. No substitutions will be allowed for channelization devices type drum unless otherwise noted in the plans.
   b. Temporary portable sign stands are an unnecessary hazard when not in use. Unused temporary sign stands shall be removed from the roadway. If temporary sign stands are staged for future use (approved by the project manager) they shall be folded up and stored away from the paved shoulder.
   c. Use of Type I or II barricades on roadways with speed limit greater than 40 mph is strictly prohibited.
   d. The work zone shall comply with, but not limited to, NCHRP 476 Guidelines for Design and Operation of Nighttime Traffic Control.

2. **BOP AND EOP SIGNING:** BOP and EOP signing in accordance with Standard Drawing 702-03-1/1 and/or 702-04-1/1 shall be placed at the project limits prior to construction operations commencing and shall remain in place throughout the duration of the project or as directed by the Project Manager. Advance warning signs shall be placed at all side streets.

3. **FLAGGING:** Flagging shall be provided for safety per the plan or as directed by the project manager and shall conform to the MUTCD latest edition. The flaggers, applicable signs and other related items shall be considered incidental to the completion of the project and no separate measurement or payment will be made.
   a. All flaggers shall be certified and shall have their certification available for review at all times when on duty.
   b. Flagging operations shall adhere to NCHRP 476 Guidelines for Design and Operation of Nighttime Traffic Control; Flaggers shall wear high-visibility safety apparel that meets Performance Class 2 or 3.

4. **INGRESS AND EGRESS:** The Contractor shall provide ingress and egress to local residences and businesses for the duration of the project. If access closure is required, the contractor shall request the closure through the Project Manager. Upon approval, the Contractor shall coordinate such closure with the property owners and the Project Manager at least 48 hours in advance. All work associated with this shall be considered incidental to the completion of the project and no separate payment or measurement will be made.

5. **PORTABLE CHANGEABLE MESSAGE SIGNS:** The Contractor shall supply Portable Changeable Message Signs (PCMS), which will be retained by the contractor. The message PCMS shall be utilized to convey messages, expected delays, and detours to motorists as required. Messages should be determined by the Contractor and approved by the Project Manager. Two (2) Weeks prior to start of construction: name locations, and number of PCMS to be placed.

6. **TRAFFIC CONTROL PLANS:** This traffic control plan (TCP) represents a suggested method for traffic control during construction. Adjustments to the details of this TCP and requirements within the plan may be necessary due to construction activities, or as directed by the Project Manager. If the contractor elects to make any changes to the TCP or sequence of construction, the Contractor shall submit four (4) 11" X 17" copies of the proposed TCP to the Project Manager at least two (2) weeks prior to implementation. The TCP shall conform to the current editions of the MUTCD, NMDOT Standard Specifications and AASHTO Roadside Design Guide. The TCP shall be in computer drafted format and shall be designed, stamped, and revised as necessary by a current New Mexico Licensed professional engineer and submitted to the Project Manager for approval. All costs associated with developing the TCP and any additional devices associated with the TCP shall be incidental to Item No. 618000, "Traffic Control Management," and no separate measurement or payment will be made, unless otherwise noted in the contract.

7. **PUBLIC INFORMATION:** The Contractor / TCP firm shall contact the Project Manager or District Public Information Officer, as preferred by the district through the district office, to confirm the actual start dates of the construction and the contractor's schedule a minimum of 48 hours before any work listed in the TCP is performed.

8. **REMOVAL OF CONSTRUCTION SIGNING:** All temporary traffic control signs, sign posts and post bases installed with the construction project shall be **REMOVED** by the Contractor at the completion of the project. **Removal shall consist of complete extraction of the bases from the ground.** This work shall be incidental to the completion of the project and no separate measurement or payment will be made.

9. **CONFLICTING SIGNS:** All conflicting signs within or in advance of the work zone shall be covered completely with an opaque non-light transmitting material so as not to damage the sign. The Contractor is to use an approved method of covering existing signs so as not to damage/distort the sign sheeting or markings. The Contractor shall not place tape directly on the face of the sign. Failure to adhere to this requirement will result in the Contractor replacing the sign at no cost to the NMDOT.

10. **TEMPORARY STRIPING:** The use of black paint to cover existing lane lines or symbols is strictly prohibited. All temporary striping shall be placed before opening any work zone or portion of a work zone in accordance with the MUTCD and the approved traffic control plan. This work shall be included in Item No. 704100, "Removable Marking Tape" and no separate measurement or payment will be made, unless otherwise noted in the contract.

11. **CONSTRUCTION SIGNING:** All construction signing shall meet retroreflectivity requirements listed in section 702.2.1 "Construction Signing" of the NMDOT Standard Specifications.
   a. All construction signing on the interstate and on high speed (greater or equal to 45 MPH) multilane divided facilities shall be double indicated (left and right shoulders).
   b. All signs that are part of work zone that are in place for more than 3 days shall be placed on breakaway posts. If there are physical restrictions at the site that prohibit the sign from being placed on posts, the Contractor shall notify the District Traffic Engineer and obtain a waiver.
   c. All warning and regulatory signs shall meet the following size requirements:

Interstate:	Warning sign 48"x48"	Regulatory 48"x60"
Non-Interstate:	Warning sign 36"x36"	Regulatory 36"x42"

   d. The following reflectivity material shall be used on all construction signing placed on NMDOT roadways.

SIGN	SIGN CODE	COLOR	LETTER SHEETING	BACKGROUND SHEETING
APPROACH SIGNS	W20-XX	BLK/FLUORESCENT ORANGE	———	TYPE VIII, IX, XI
CHEVRONS	W1-8	BLK/FLUORESCENT ORANGE	———	TYPE VIII, IX, XI
CURVES	W1-2	BLK/FLUORESCENT ORANGE	———	TYPE VIII, IX, XI
REVERSE CURVE	W1-4	BLK/FLUORESCENT ORANGE	———	TYPE VIII, IX, XI
MERGE	W4-1	BLK/FLUORESCENT ORANGE	———	TYPE VIII, IX, XI
NO PASSING ZONE	W14-3	BLK/FLUORESCENT ORANGE	———	TYPE VIII, IX, XI
FLAGGER PADDLE	———	BLK/FLUORESCENT ORANGE on Side 1with RED on Side 2	———	TYPE VIII, IX, XI Type IV White
ALL DRUMS	———	WHITE/ FLUORESCENT ORANGE	———	TYPE VIII, IX, XI Type IV white
All Other Const. Signs	———	BLK/FLUORESCENT ORANGE	———	TYPE VIII, IX, XI

12. **REMOVAL OF TEMPORARY STRIPING:** All relevant temporary striping shall be removed upon completion of each phase of construction. The only approved method of stripe removal is water blasting. The contractor is to ensure that there is no conflicting striping through the work zone or through detours. This work shall be included in Item No. 618000, "Traffic Control Management," and no separate measurement or payment will be made, unless otherwise noted in the contract.

13. **SATISFACTORY WORKING CONDITION:** All traffic control devices used on this project shall be in satisfactory working condition and shall function equivalently to new equipment in accordance with the MUTCD (latest edition). Traffic Control work zone shall comply with requirements of FHWA 23CFR 630 Subpart K for traffic control devices. At the beginning of the project 100% of signs/devices shall be in acceptable condition (new or like new). After 2 weeks at no time shall less than 75% of devices be in acceptable condition. All traffic devices shall be kept clean throughout the duration of the project. Any sign that is tagged by graffiti shall be cleaned (as long as it does not affect the reflective sheeting) within 24 hours or removed and replaced.

14. **TRAFFIC CONTROL FIELD ADJUSTMENTS:** Location of device spacing shall be field verified to account for existing roadway features which may obstruct placement and/or view of devices. Any changes to the traffic control plan should be approved by the District Traffic Engineer or his/her designee. All field adjustments of signs should be approved by the District Traffic Engineer. This work shall be considered incidental to Item No. 618000 "Traffic Control Management" and no additional measurement or payment will be made, unless noted in the contract.

15. **PEDESTRIANS:** Routes/paths shall not be closed without providing a detour. ADA requirements shall be adhered to; ADA compliant devices shall be used for channelization.

16. **BICYCLES:** Shall be accommodated or rerouted per MUTCD recommendations.

NO.	DATE	REV. BY	DESCRIPTION
2	3/2/2017	DRB	REVISE NOTE 2
1	3/2/2017	DRB	REVISE NOTE 7

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO
DEPARTMENT OF TRANSPORTATION
STANDARD DRAWING

TEMPORARY TRAFFIC CONTROL
GENERAL NOTES

APPROVED: Afshin [signature] DESIGN ENGINEER DATE 3/2/17

DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____

702-01-1/5

Sheet 702-01

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TTC NMDOT STD DWGS

SHEET NO:
6-5

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 61\76085_CS03.dwg

TRAFFIC CONTROL GENERAL NOTES (CONTINUED):

17. **TEMPORARY CONCRETE WALL BARRIER (CWB):** When flaring the leading end of a Temporary Wall Barrier (CWB) within a construction work zone, the flare rate shall be done in accordance with the rates shown in the table below: (NMDOT Standard Drawing 606-20-5/5)

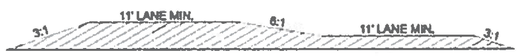
Roadway Speed Limit	Minimum Taper/ Flare Rate	Desirable Taper/ Flare Rate
Less than 45 MPH	8:1	18:1
Between 45 MPH and 55 MPH	10:1	24:1
Greater than 55 MPH	15:1	30:1

a. When temporary wall barrier is placed in a construction work zone, a 5' clear area is required between the CWB and the work zone to accommodate barrier deflection. When a 5' clear area is not attainable, CWB shall be anchored to the pavement surface.

b. Temporary CWB shall be provided with reflective barrier delineators as indicated in NMDOT standard drawing 606-21-1/1.

18. **CRASH ATTENUATORS:** The crash cushion attenuators shall be designed as per the District Traffic Engineer's recommendations. The District may elect to either utilize the pre-construction posted speed, or the 85% speed in the layout of the crash cushion attenuators within the work zone.

19. **DROP OFF POLICY:** In the areas of pavement operations or other activities within the traveled way and adjacent to the existing traveled lane, the contractor shall assure that no pavement drop-offs are left exposed during non-working hours. The contractor shall initiate corrective means as per "the New Mexico Department of Transportation Pavement Drop-off Guideline" to achieve a minimum 6:1 slope between traveled lanes and a minimum 3:1 slope adjacent to the existing traveled lane with two 11foot driving lanes as shown in the detail below. (AD241)



20. **Lane Closures:** The Contractor/TCP firm shall not place a lane closure taper along a horizontal curve. The taper shall be placed in advance of the horizontal curve so that it is visible to all oncoming traffic. On crest vertical curves, the Contractor/TCP firm shall place lane closures in advance of, or at the beginning of the curve to enhance visibility of the lane closure to oncoming traffic.

21. **Sequential Arrow Display:** Placement of the sequential arrow shall be at or near the beginning of the lane closure taper. In areas of insufficient pavement width, the sequential arrow may be placed within the taper, but not to exceed ½ the taper length. In all cases, the sequential arrow shall be placed behind the channelization devices. The shoulder shall be closed in advance of the merging taper to direct vehicular traffic to remain within the traveled way. (MUTCD 6F.61)

22. **ADDITIONAL SIGNS:** "BUMP", "LOOSE GRAVEL", "LANE DROP-OFF SIGN" sign placement: The contractor shall place W8-1 sign ("BUMP" - B/FO), W8-7 sign ("LOOSE GRAVEL" - B/FO) and/or W8-17 signs ("SHOULDER DROP-OFF" - B/FO) in advance of bridge approaches or other locations during cold milling and overlay operations as needed or as directed by the project manager.

23. **CLEAR ZONE:** All stationary objects within clear zone shall be properly shielded and outlined with drums mounted with Type "A" warning lights. Use of vertically mounted retro-reflective material in lieu of a Type A warning light is strictly prohibited.

a. Equipment, materials, or vehicles stored within Right -of-way (ROW) shall be outside of clear zone (based on existing posted speed).

b. Equipment, material or vehicles stored within clear zone shall be properly shielded.

c. Materials, work activities, equipment, and vehicles shall not be stored within the established buffer space of the project work zone.

d. All construction equipment, vehicles and materials shall remain behind traffic control devices.

24. **TRAFFIC CONTROL MANAGEMENT:** The contractor or the traffic Control Subcontractor shall provide a Traffic Control Supervisor on site during working hours for response within 1 hour to traffic control issues/concerns.

25. **INCIDENT MANAGEMENT:** Contractor is required to comply with requirements of FHWA CFR 630 Subpart J for Work Zone Safety and Mobility which shall include an Incident Management Plan to be utilized for the entire duration of the project. The Incident Management Plan shall contain a method to address traffic flow through the work zone during incidents. The Incident Management Plan must be reviewed and approved by the District Traffic Engineer. The plan shall contain the following as a minimum:

a. Contacts for the contractor, local enforcement, safety agencies, municipal agencies, public information officer and NMDOT

b. Steps to be followed during incidents

c. Method of recording and reporting incidents

26. **LIST OF INCIDENTALS - No Additional Payment Associated**

LIST OF INCIDENTALS for Temporary Traffic ControlA MAINTENANCE OF TEMPORARY PAVEMENT MARKINGS FOR PROJECT DURATION

	LIST OF INCIDENTALS for Temporary Traffic Control
A.	MAINTENANCE OF TEMPORARY PAVEMENT MARKINGS FOR PROJECT DURATION

NO.	DATE	REV BY	DESCRIPTION

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO
DEPARTMENT OF TRANSPORTATION
STANDARD DRAWING

TEMPORARY TRAFFIC CONTROL
GENERAL NOTES

APPROVED: Afshin Tabatabaei 12/10/15
DESIGN ENGINEER DATE

DESIGNED BY: DRAWN BY: CHECKED BY:

702-01-2/5

Sheet 702-02

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SIGN FACE DETAILS

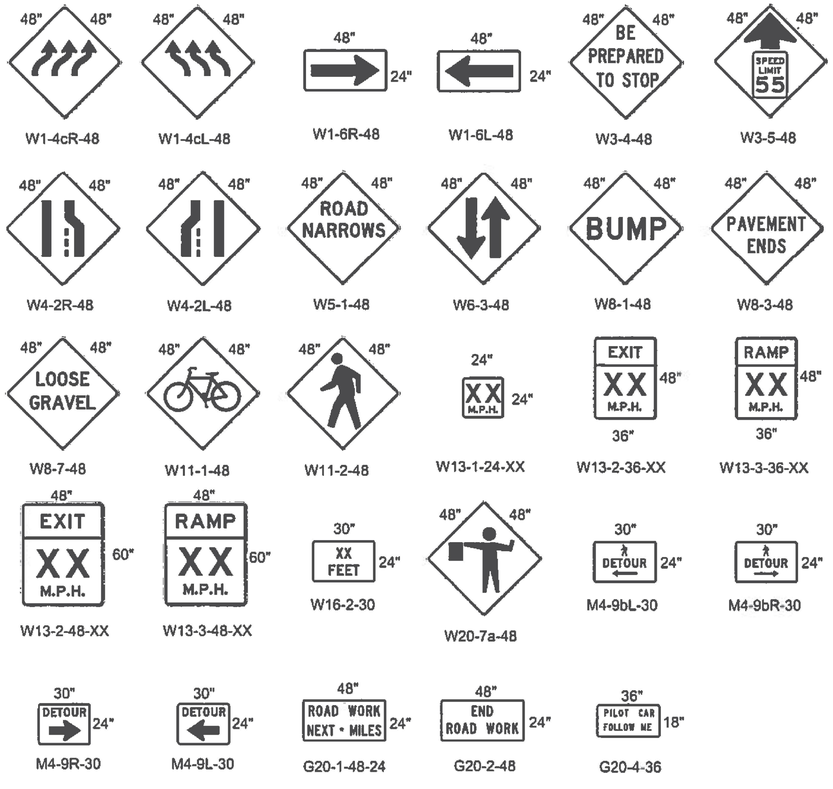
FOR CONSTRUCTION / MAINTENANCE

1. SIGNS SHALL MEET SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS MANUAL AND CURRENT EDITION OF THE MUTCD.
2. SEE CURRENT EDITION OF MUTCD FOR ADDITIONAL SIGNS.
3. ALL SIGNS SHALL COMPLY WITH SHEETING REQUIREMENTS AS SPECIFIED IN STANDARD DRAWING 702-01-3/3.
4. SIGN SIZES MAY BE ADJUSTED PER MUTCD RECOMMENDATIONS.

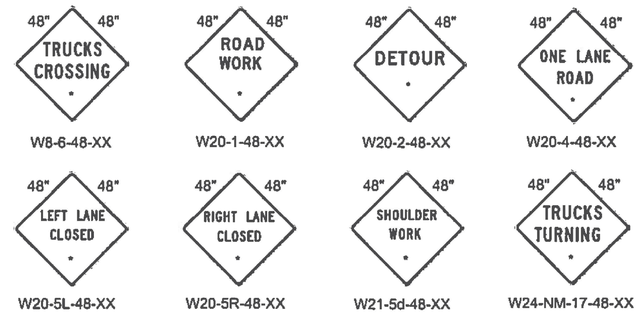
WARNING SIGNS:

ALL WARNING SIGNS ARE BLACK/FLUORESCENT ORANGE UNLESS OTHERWISE SPECIFIED.

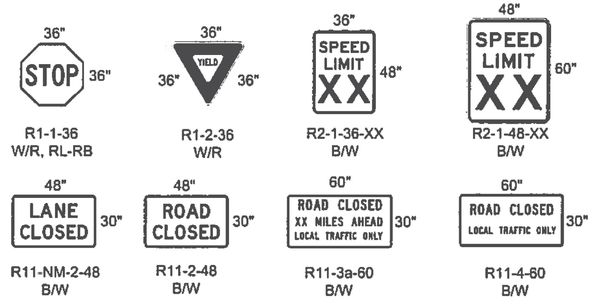




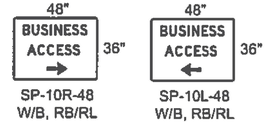
* THESE SIGNS REQUIRE APPROPRIATE DISTANCE INDICATION
(½ MILE, 1 MILE, 1500 FT., 750 FT., 500 FT., 350 FT.)



REGULATORY SIGNS:

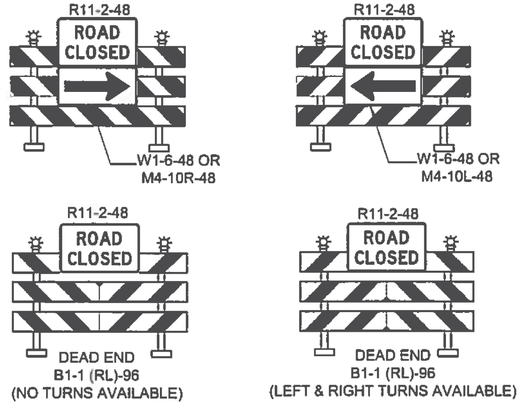


SPECIAL SIGNS:



8 FT. TYPE III BARRICADES

BARRICADE SYMBOL



NO.	DATE	REV. BY	DESCRIPTION

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO
DEPARTMENT OF TRANSPORTATION
STANDARD DRAWING

CONSTRUCTION & MAINTENANCE
SIGN FACE DETAILS

APPROVED: _____ DESIGN ENGINEER 12/10/13 DATE

DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____

702-01-3/5

Sheet 702-03

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
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FAX: 505-348-4072
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CONSULTANTS

SEAL



PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

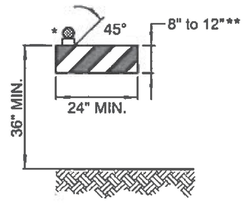
SHEET TITLE

TTC NMDOT STD DWGS

SHEET NO:

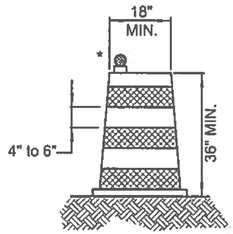
6-7

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS03.dwg

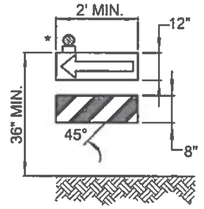


TYPE I BARRICADE *...

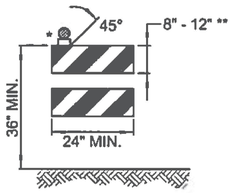
LOW SPEED ROADWAY (≤ 40 MPH)



DRUM*

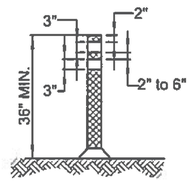


DIRECTION INDICATOR BARRICADE *...

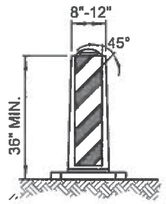


TYPE II BARRICADE ***

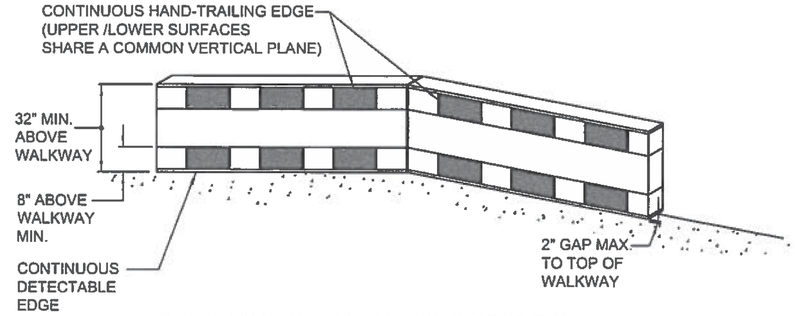
LOW SPEED ROADWAY (≤ 40 MPH)



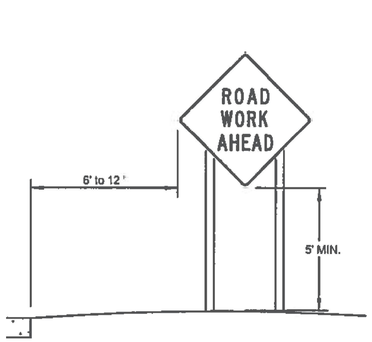
TUBULAR MARKERS



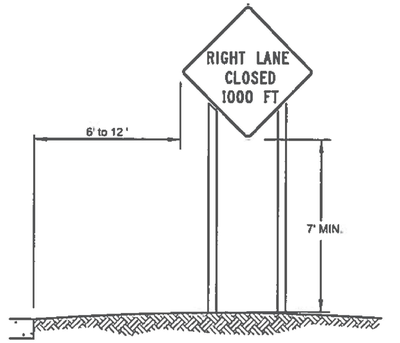
VERTICAL PANEL ***



PEDESTRIAN CHANNELIZATION DEVICE (PCD)

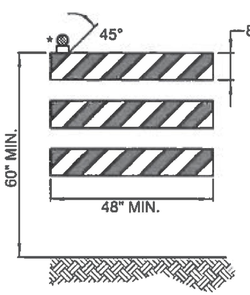


RURAL AREA

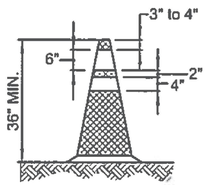


BUSINESS, COMMERCIAL, OR RESIDENTIAL AREA
(WITHOUT CURB)

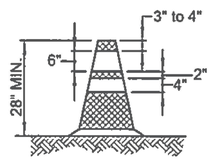
HEIGHT AND LATERAL LOCATIONS OF SIGNS - TYPICAL INSTALLATIONS



TYPE III BARRICADE *...



NIGHT AND/OR FREEWAY
HIGH SPEED ROADWAY
(≥ 45 MPH)



DAY AND LOW
SPEED ROADWAY
(≤40 MPH)

CONES

NOTE:
ALL DEVICES USED ON NMDOT ROADWAYS SHALL BE ON THE APPROVED PRODUCTS LIST.

* WARNING LIGHT (OPTIONAL)

** NOMINAL LUMBER DIMENSIONS ARE SATISFACTORY FOR BARRICADE RAIL WIDTH DIMENSIONS.

*** RAIL STRIPE WIDTHS SHALL BE 6 INCHES. EXCEPTION: WHERE RAIL LENGTHS ARE LESS THAN 36 INCHES. THEN 4 INCH WIDE STRIPES MAY BE USED.

THE SIDES OF BARRICADES FACING TRAFFIC SHALL HAVE RETROREFLECTIVE RAIL FACES. VERTICAL PANELS AND BARRICADES USED ON HIGH-SPEED ROADWAYS, EXPRESSWAYS, AND FREEWAYS SHALL HAVE A MINIMUM OF 270 SQUARE INCHES OF RETROREFLECTIVE AREA FACING TRAFFIC.

DATE	REV. BY	DESCRIPTION

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO
DEPARTMENT OF TRANSPORTATION
STANDARD DRAWING

CHANNELIZATION DEVICES FOR CONSTRUCTION, MAINTENANCE, UTILITY & INCIDENT MANAGEMENT OPERATIONS

APPROVED: Afshin Sadeghi 11/3/15
DESIGN ENGINEER DATE

DESIGNED BY: ____ DRAWN BY: ____ CHECKED BY: ____

702-01-4/5

Sheet 702-04

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
TTC NMDOT STD DWGS

SHEET NO:
6-8

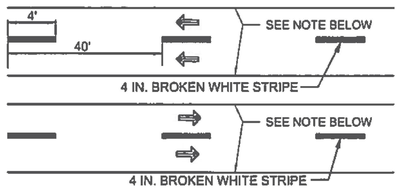
7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 61\76085_CS03.dwg

FIGURE 1

SHORT TERM WORK ZONE INTERIM MARKINGS (IN PLACE FOR LESS THAN 14 CALENDAR DAYS) (MINIMUM OF 2 COATS OR AS DIRECTED BY THE PROJECT MANAGER)

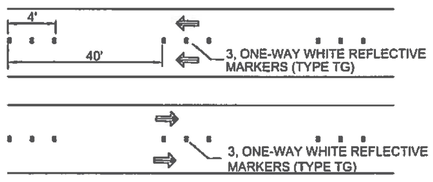
4 LANE DIVIDED ROADWAY

PAINTED MARKINGS OR MARKING TAPE



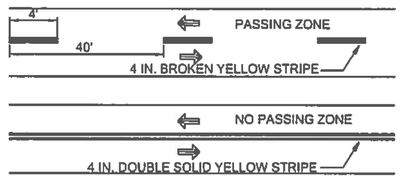
NOTE: EDGE LINES SHALL BE ADDED AS SHOWN IN THE CONSTRUCTION SIGNING PLANS.

TEMPORARY REFLECTIVE RAISED PAVEMENT MARKERS



2 LANE TWO-WAY ROADWAY

PAINTED MARKINGS OR MARKING TAPE



TEMPORARY REFLECTIVE RAISED PAVEMENT MARKERS

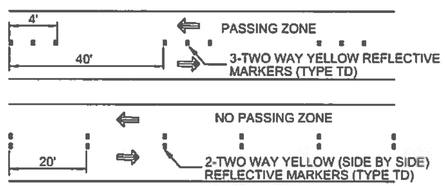
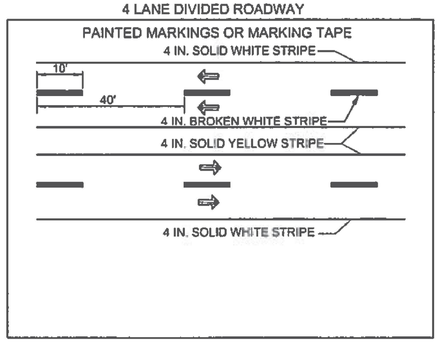


FIGURE 1A

STANDARD WORK ZONE INTERIM MARKINGS (IN PLACE FOR 14 CALENDAR DAYS OR MORE) (MINIMUM OF 2 COATS OR AS DIRECTED BY THE PROJECT MANAGER)

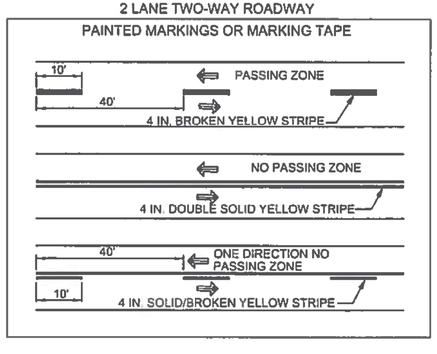
4 LANE DIVIDED ROADWAY

PAINTED MARKINGS OR MARKING TAPE



2 LANE TWO-WAY ROADWAY

PAINTED MARKINGS OR MARKING TAPE



GENERAL NOTES

WORK ZONE INTERIM MARKINGS:

1. The contractor shall place reflectorized painted markings on each lane line on each intermediate lift of surfacing or milled surface at the end of the daily surfacing or milling operation. These markings shall be placed in accordance with Figure 1 or Figure 1 A on this sheet, or as directed by the Project Manager.

2. In the event the painted markings cannot be placed as described above, the contractor shall, with the approval of the project manager, place marking tape or temporary reflective raised pavement markers. The contractor will be responsible for maintaining the temporary raised pavement markers when requested by the project manager, District Traffic Engineer or their designees. maintenance of the tabs will be considered incidental to the completion of the project.

3. The contractor shall place removable marking tape or temporary reflective raised pavement markers after placement of the final lift of surfacing if permanent markings are not placed during the same working day. These markings shall be placed in accordance with Figure 1 or Figure 1 A on this sheet, or as directed by the project manager.

4. On roadways with sever curvature, broken-line interim markings with half-cycle lengths and a minimum of two foot (2') stripes or a group of two temporary reflective pavement markings spaced 2 feet apart may be used were passing is allowed. Interim edge lines or channelization lines for delineation may be used as needed or as directed by the project manager. Passing/ no passing zone signing to supplement interim markings for delineation may be used as needed or as directed by the project manager. All interim markings shall be placed in accordance with the current edition of the MUTCD.

5. Shoulder and gore area delineation will be required on each intermediate lift of surfacing or milled surface at the end of the day's pavement operation. Payment for marking tape or temporary pavement markings will be paid for under the unit priced of reflectorized painted markings, unless otherwise specified within the contract or Traffic Control Notes. Contractor may substitute edge line pavement marking with traffic control devices such as drums or vertical panels for a maximum 13 day period.

NO.	DATE	REV. BY	DESCRIPTION

REVISIONS (OR CHANGE NOTICES)

NEW MEXICO
DEPARTMENT OF TRANSPORTATION
STANDARD DRAWING

TEMPORARY TRAFFIC MARKINGS FOR CONSTRUCTION

APPROVED A Chin 7/13/22 DESIGN ENGINEER DATE

DESIGNED BY ___ DRAWN BY ___ CHECKED BY ___

702-01-5/5

Sheet 702-05

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SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

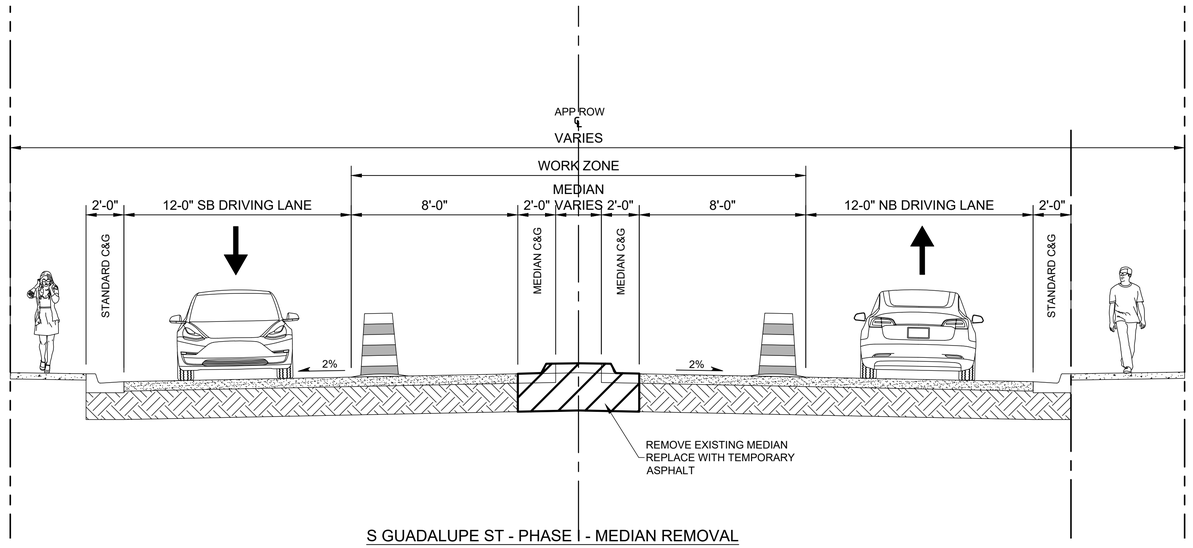
SHEET TITLE

TTC NMDOT STD DWGS

SHEET NO:

6-9

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS03.dwg



S GUADALUPE ST - PHASE I - MEDIAN REMOVAL

STA 72+00± TO STA 82+75±

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CONSULTANTS

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TYLER J. ASHTON
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY
TRAFFIC CONTROL
TYPICAL SECTION
PHASE I

SHEET NO:

6-10

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS04.dwg

MATCHLINES STA 23+00
SEE SHEET 6-12

KEEP RIGHT
R4-7a (24"x30")
TYPE III BARRICADE w/ R11-2NM (48"x30") W1-6R (36"x18")
LANE CLOSED

PORTABLE CHANGEABLE MESSAGE SIGN "ROAD WORK AHEAD"

CAMINO DEL CAMPO
SAN FRANCISCO ST
JOHNSON ST
WATER ST
W ALAMEDA ST
SANDOVAL ST
AGUA FRIA ST
W DE VARGAS ST

END ROAD WORK
G20-2 (36"x18")

ROAD WORK AHEAD
W20-1 (36"x36")

R3-2L (24"x24")
TYPE III BARRICADE

KEEP RIGHT
R4-7a (24"x30")
TYPE III BARRICADE w/ R11-2NM (48"x30") W1-6R (36"x18")
LANE CLOSED

PORTABLE CHANGEABLE MESSAGE SIGN "ROAD WORK AHEAD"

DETOUR
M4-9L (24"x30")

PORTABLE CHANGEABLE MESSAGE SIGN "ROAD WORK AHEAD"

N

A1 TEMPORARY TRAFFIC CONTROL PHASE I
SCALE: 1" = 80'

7/28/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS09.dwg

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
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NEW MEXICO
07/29/2022

PROJECT NAME
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SANTA FE, NM
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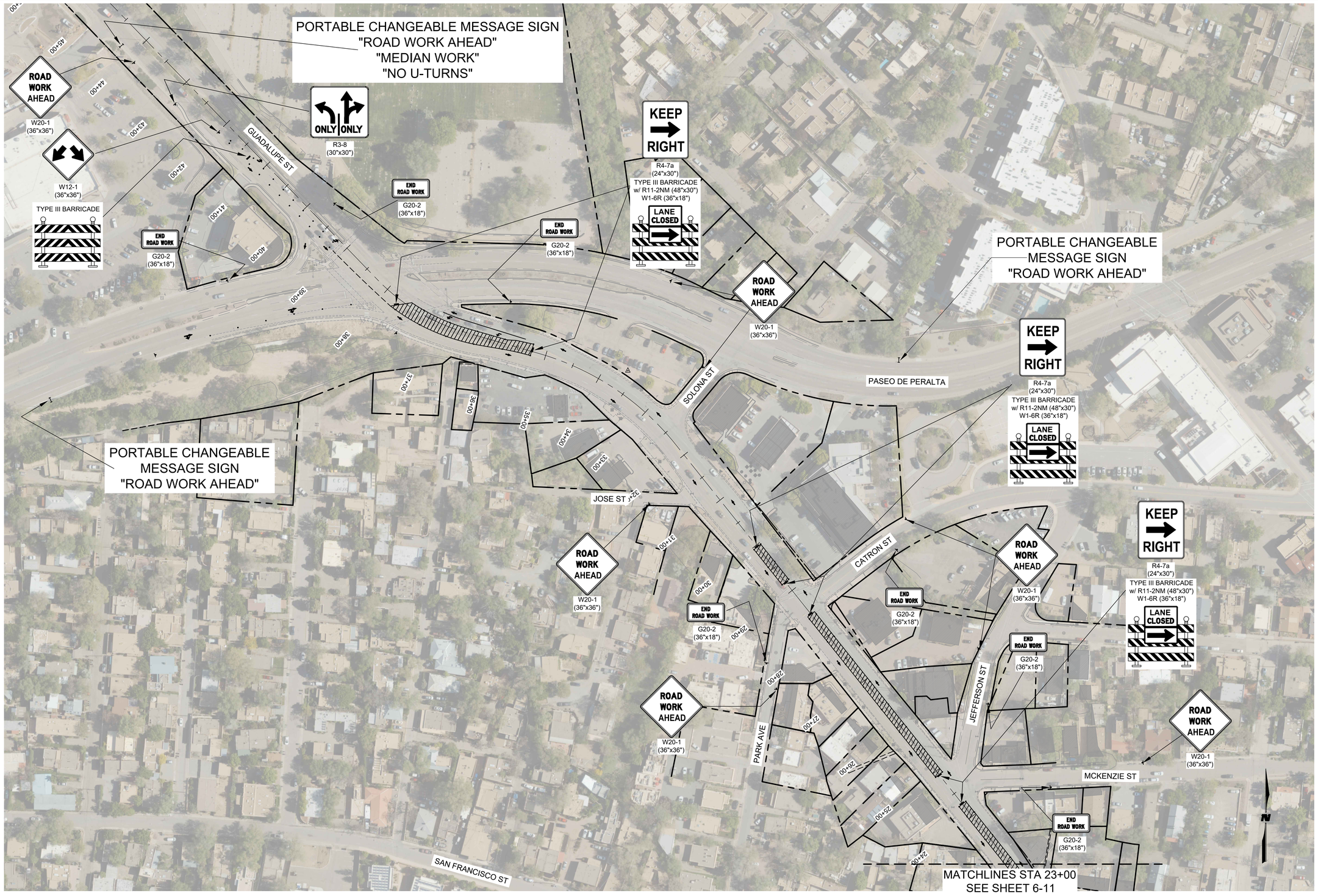
REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
TEMPORARY TRAFFIC CONTROL PHASE I

SHEET NO:
6-11



A1 TEMPORARY TRAFFIC CONTROL PHASE I

SCALE: 1" = 80'

M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 61\76085_CS09.dwg 7/28/2022

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
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TYLER J. ASHTON
NEW MEXICO
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07/29/2022

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GUADALUPE ST
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CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE I

SHEET NO:

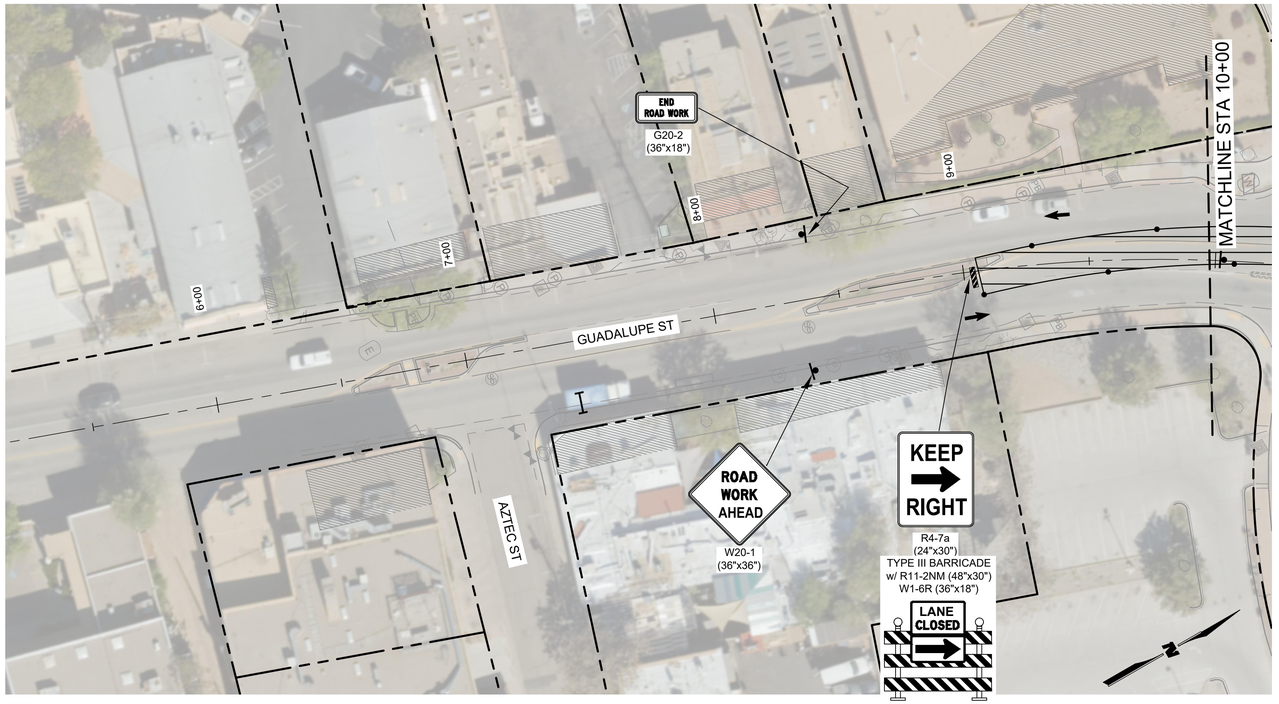
6-12

GENERAL NOTES

1. CONTRACTOR SHALL MAINTAIN ACCESS TO BUSINESSES AT ALL TIMES.
2. CONTRACTOR SHALL MAINTAIN ACCESS TO JOSE ST AT ALL TIMES.

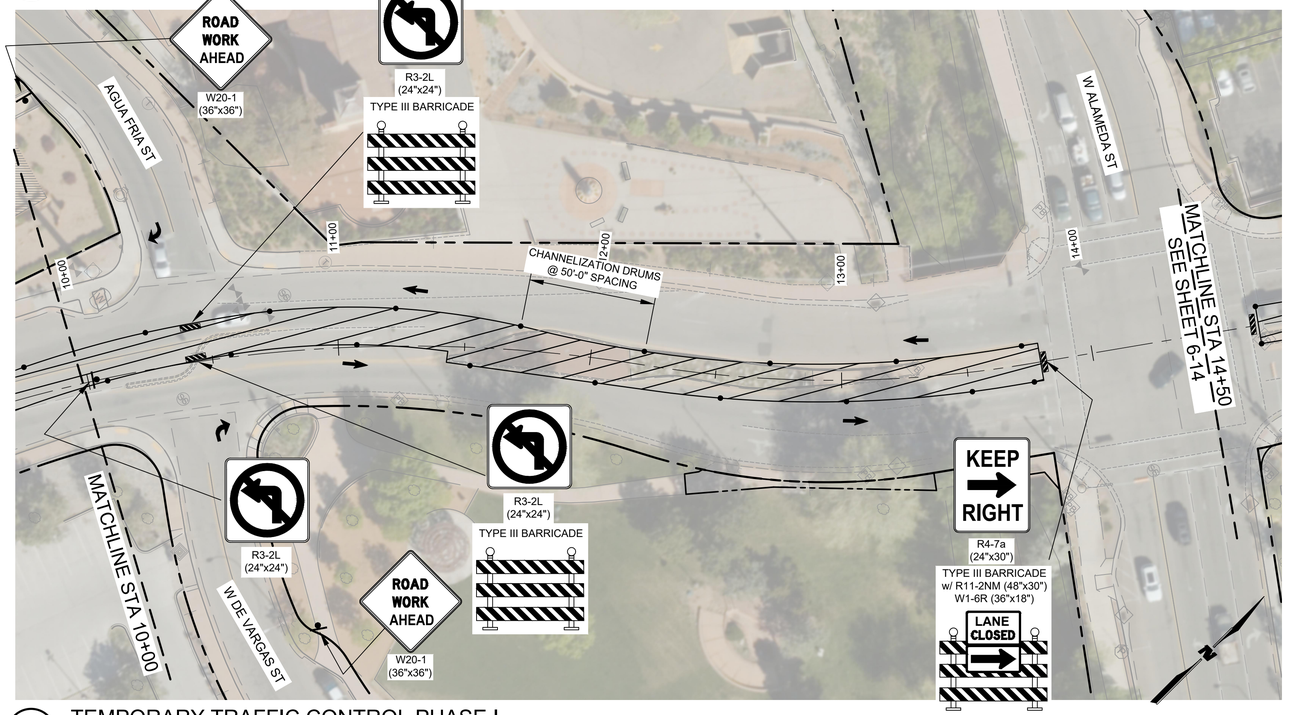
LEGEND

- TEMPORARY TRAFFIC SIGN
- TYPE III BARRICADE
- DRUM
- TRAFFIC FLOW ARROW
- VERTICAL PANEL
- WORK ZONE



E5 TEMPORARY TRAFFIC CONTROL PHASE I

SCALE: 1" = 30'



A5 TEMPORARY TRAFFIC CONTROL PHASE I

SCALE: 1" = 30'

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NEW MEXICO
07/29/2022

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WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

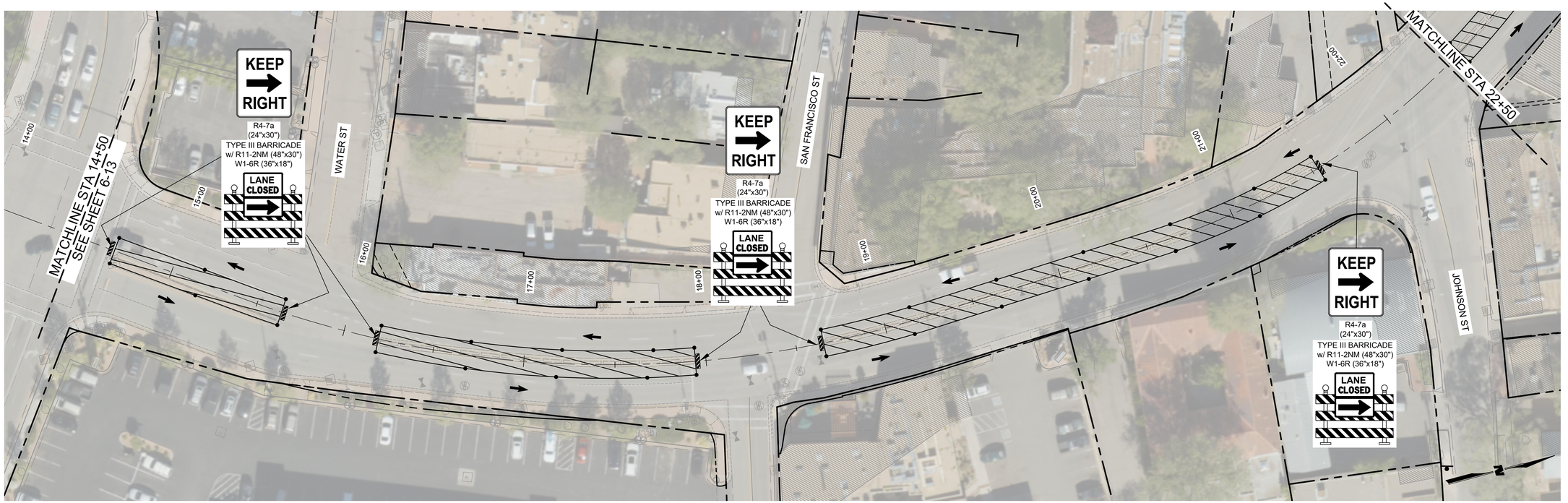
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE I

SHEET NO:

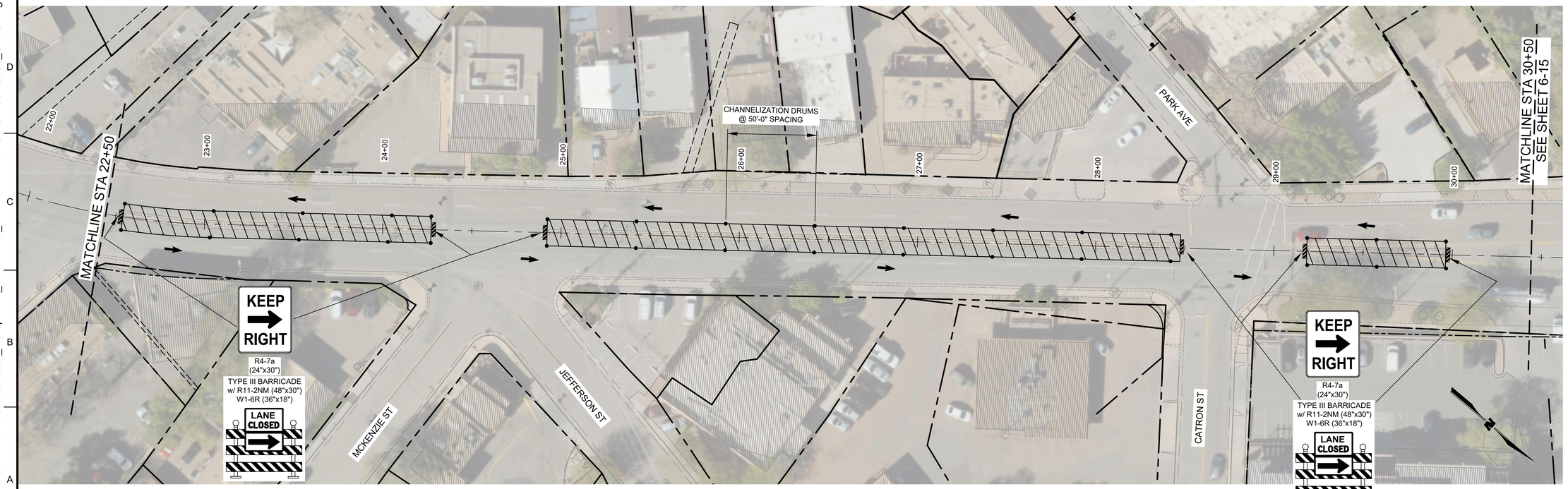
6-13

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS09.dwg



E1 TEMPORARY TRAFFIC CONTROL PHASE I

SCALE: 1" = 30'



A1 TEMPORARY TRAFFIC CONTROL PHASE I

SCALE: 1" = 30'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

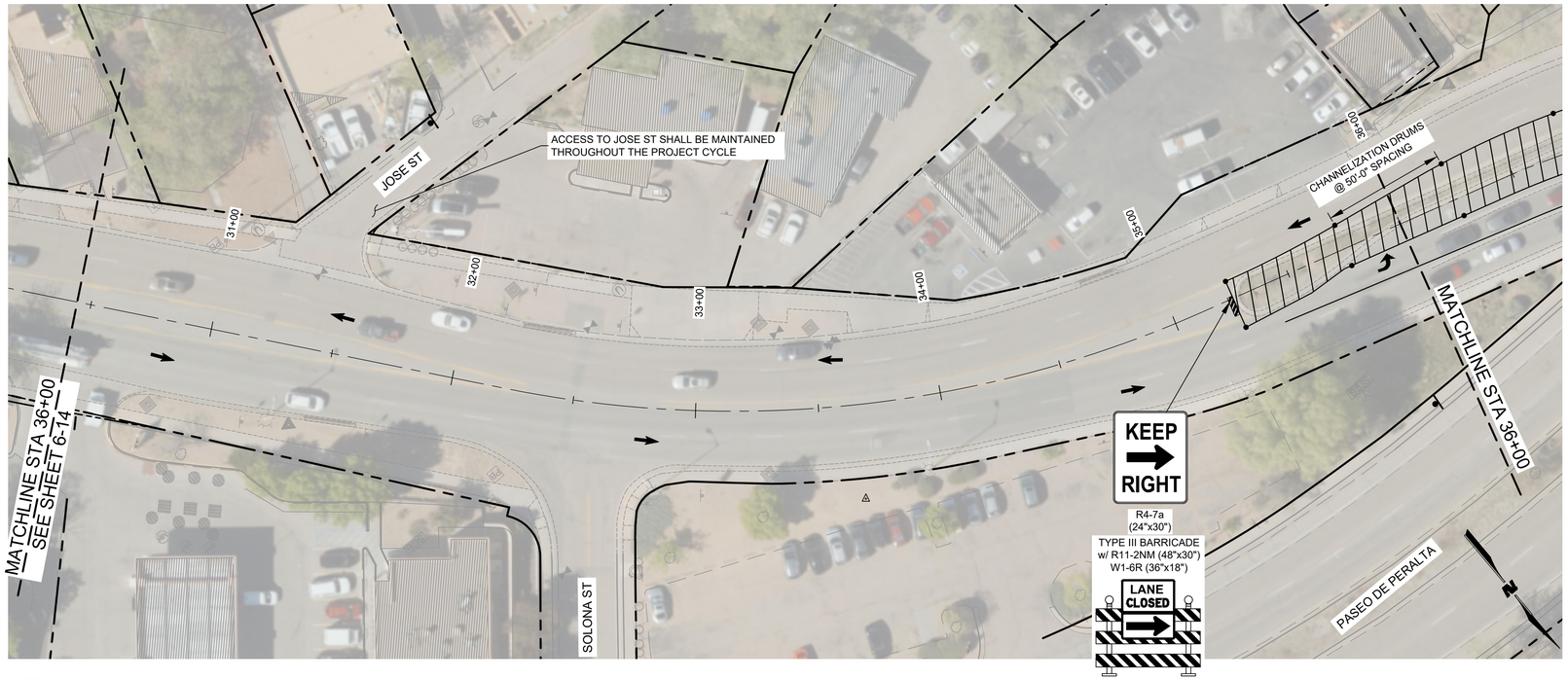
TEMPORARY TRAFFIC CONTROL PHASE I

SHEET NO:

6-14

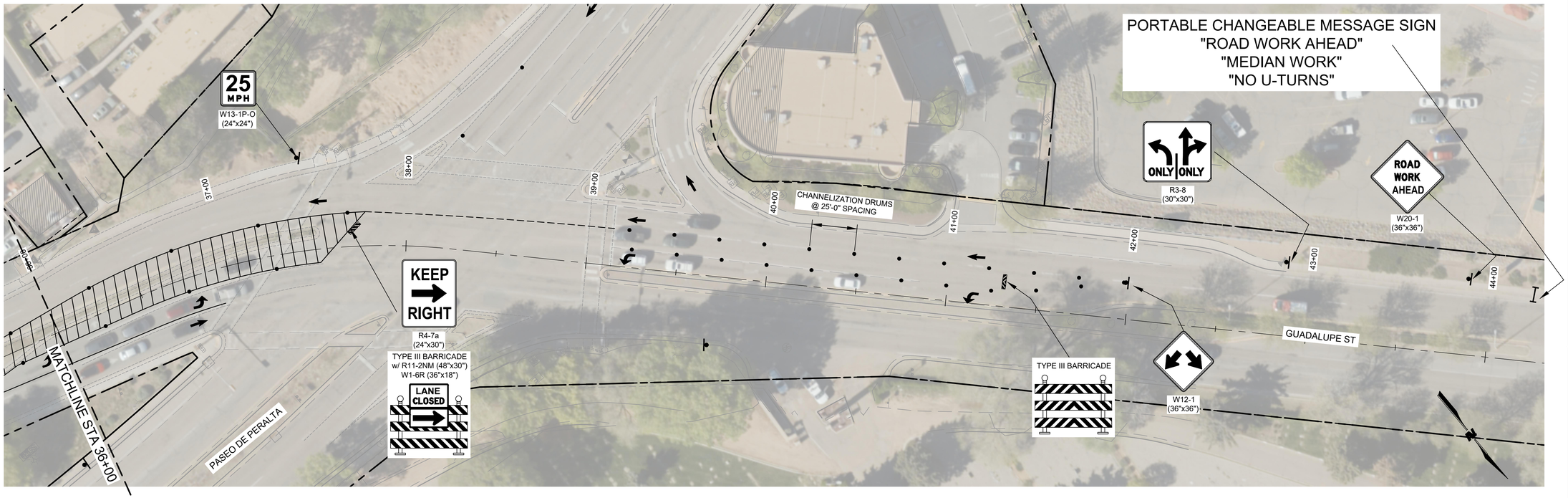
M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS09.dwg

7/28/2022



E1 TEMPORARY TRAFFIC CONTROL PHASE I

SCALE: 1" = 30'



A1 TEMPORARY TRAFFIC CONTROL PHASE I

SCALE: 1" = 30'

7/28/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS09.dwg

WILSON & COMPANY
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PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

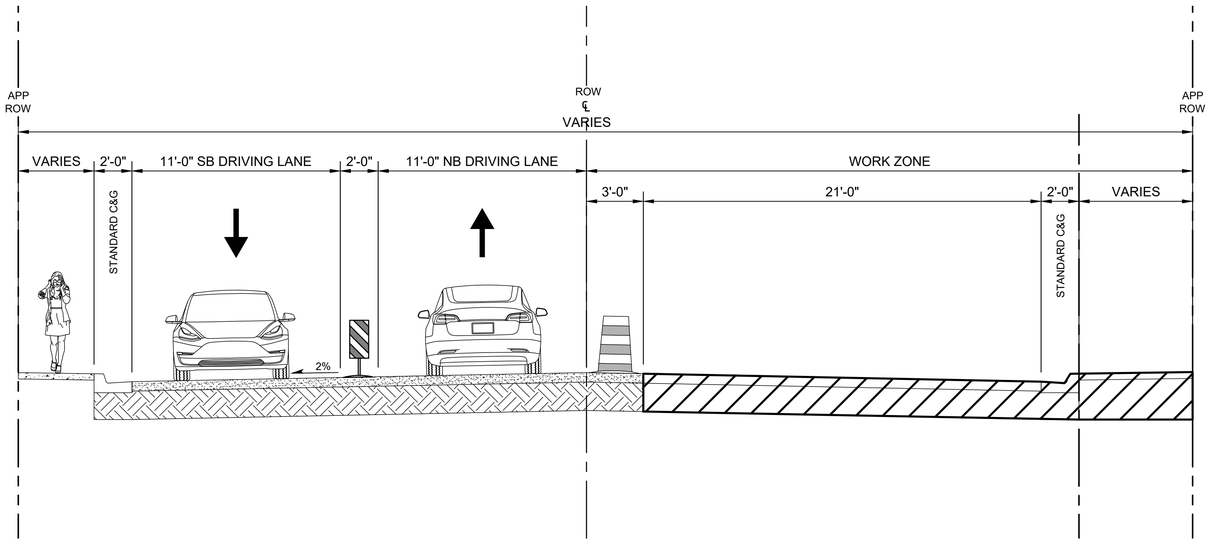
WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE I

SHEET NO:

6-15



S GUADALUPE ST - PHASE IIA

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4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
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07/29/2022

PROJECT NAME

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RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

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NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
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CHECKED BY:	TJA
DATE:	JUL 2022

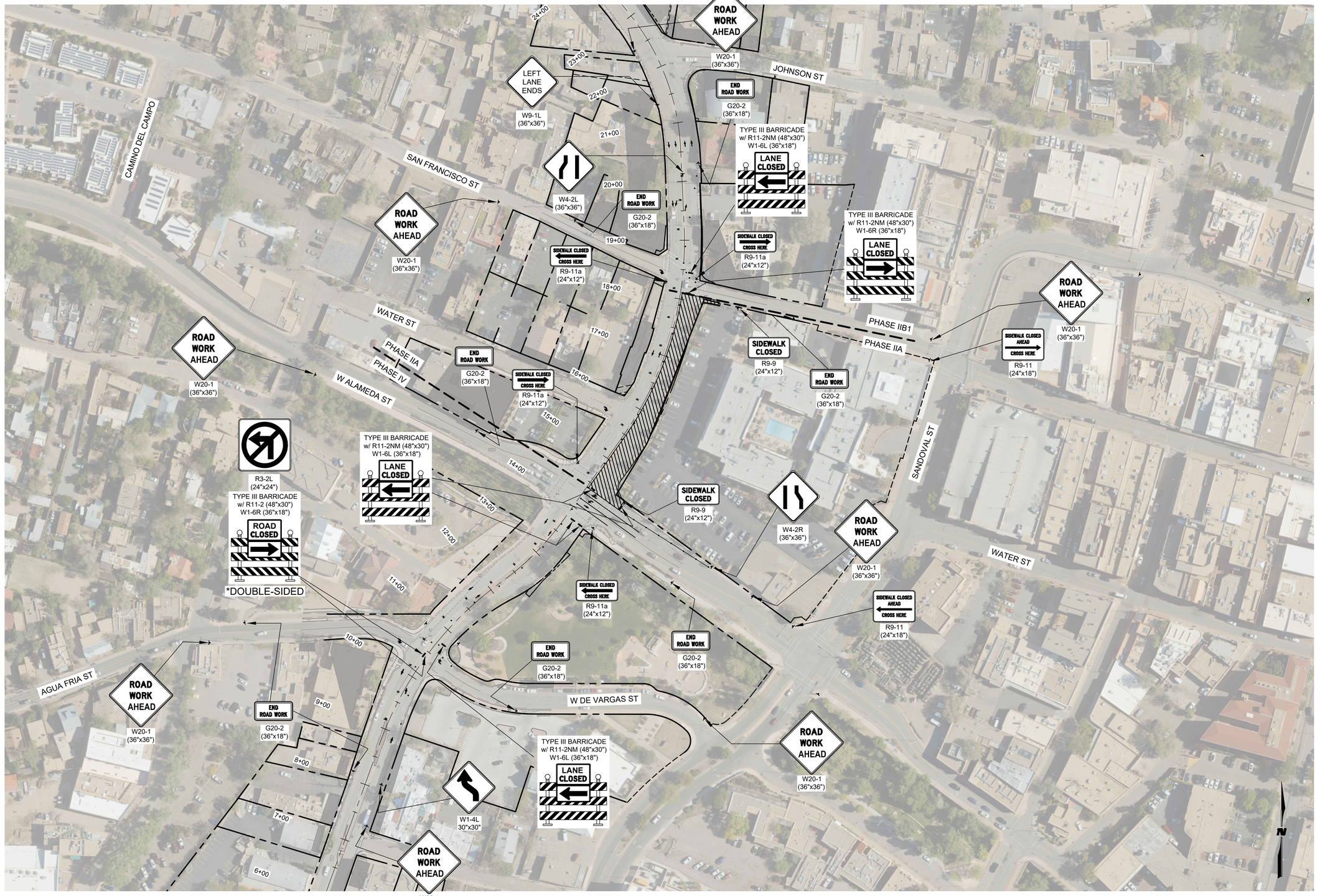
SHEET TITLE

TEMPORARY
TRAFFIC CONTROL
TYPICAL SECTION
PHASE II-A

SHEET NO:

6-16

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS05a2.dwg



A1 TEMPORARY TRAFFIC CONTROL PHASE II-A

SCALE: 1" = 80'

WILSON & COMPANY
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07/29/2022

PROJECT NAME

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RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE II-A

SHEET NO:

6-17

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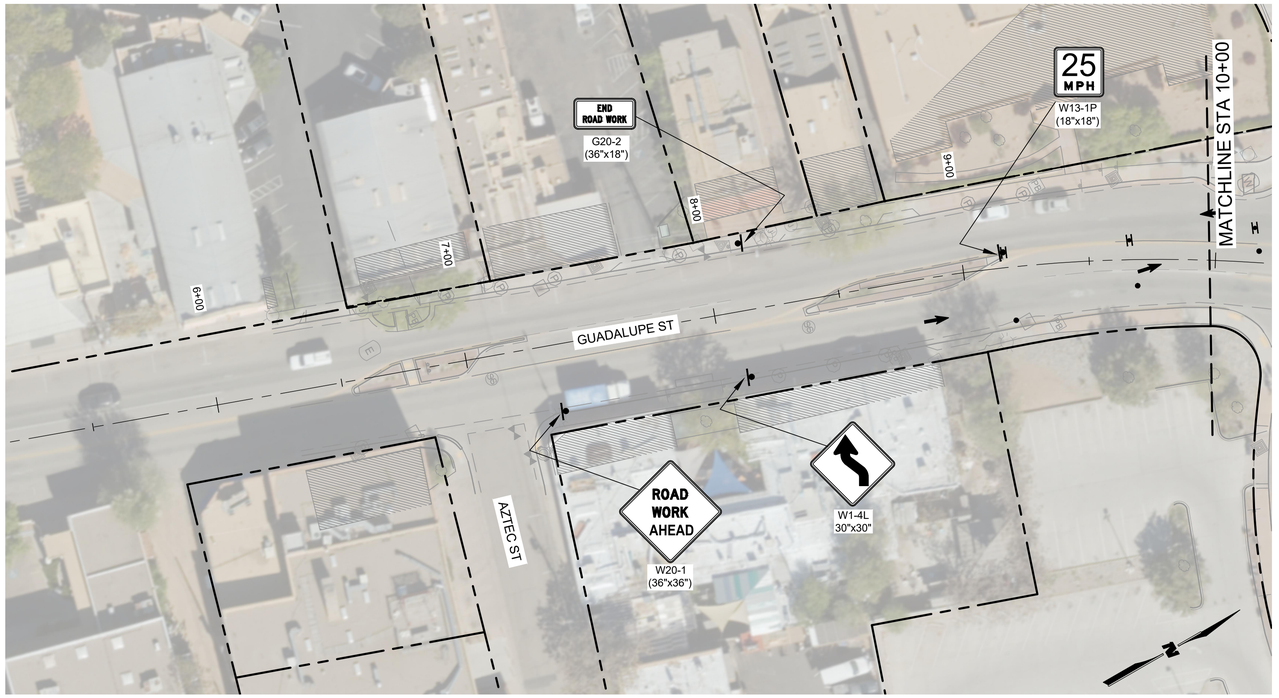
7/28/2022

GENERAL NOTES

1. CONTRACTOR SHALL MAINTAIN ACCESS TO BUSINESSES AT ALL TIMES.

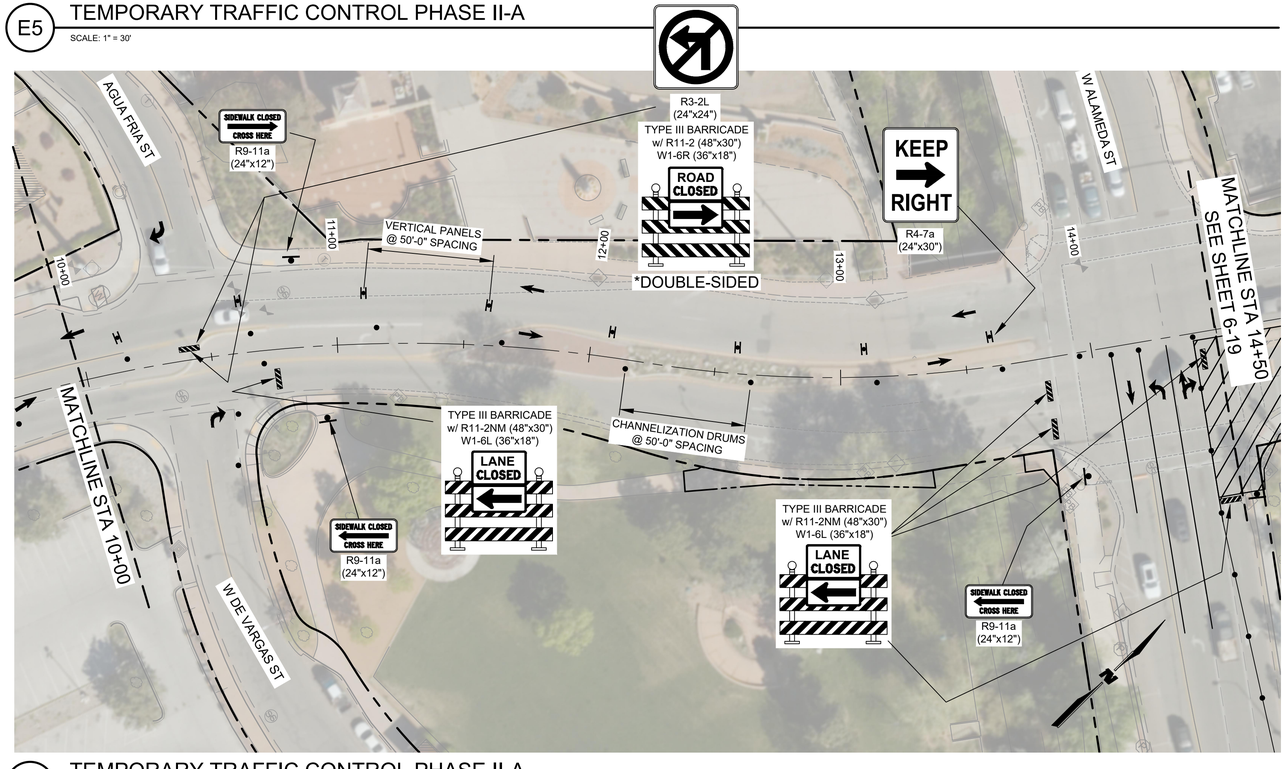
LEGEND

- TEMPORARY TRAFFIC SIGN
- TYPE III BARRICADE
- DRUM
- TRAFFIC FLOW ARROW
- VERTICAL PANEL
- WORK ZONE



E5 TEMPORARY TRAFFIC CONTROL PHASE II-A

SCALE: 1" = 30'



A5 TEMPORARY TRAFFIC CONTROL PHASE II-A

SCALE: 1" = 30'

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DESIGNED BY:	TJA
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CHECKED BY:	TJA
DATE:	JUL 2022

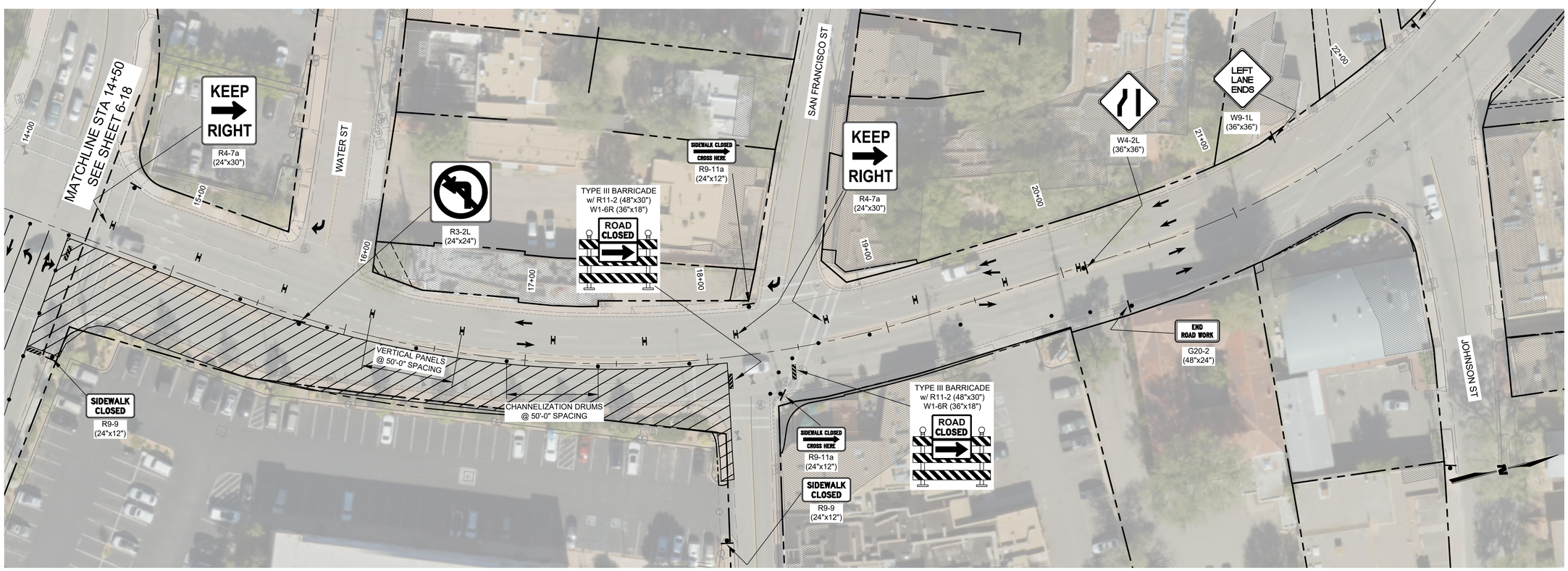
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE II-A

SHEET NO:

6-18

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS05a.dwg



A1 TEMPORARY TRAFFIC CONTROL PHASE II-A

SCALE: 1" = 30'

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07/29/2022

PROJECT NAME

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SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

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DESIGNED BY:	TJA
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CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE II-A

SHEET NO:

6-19

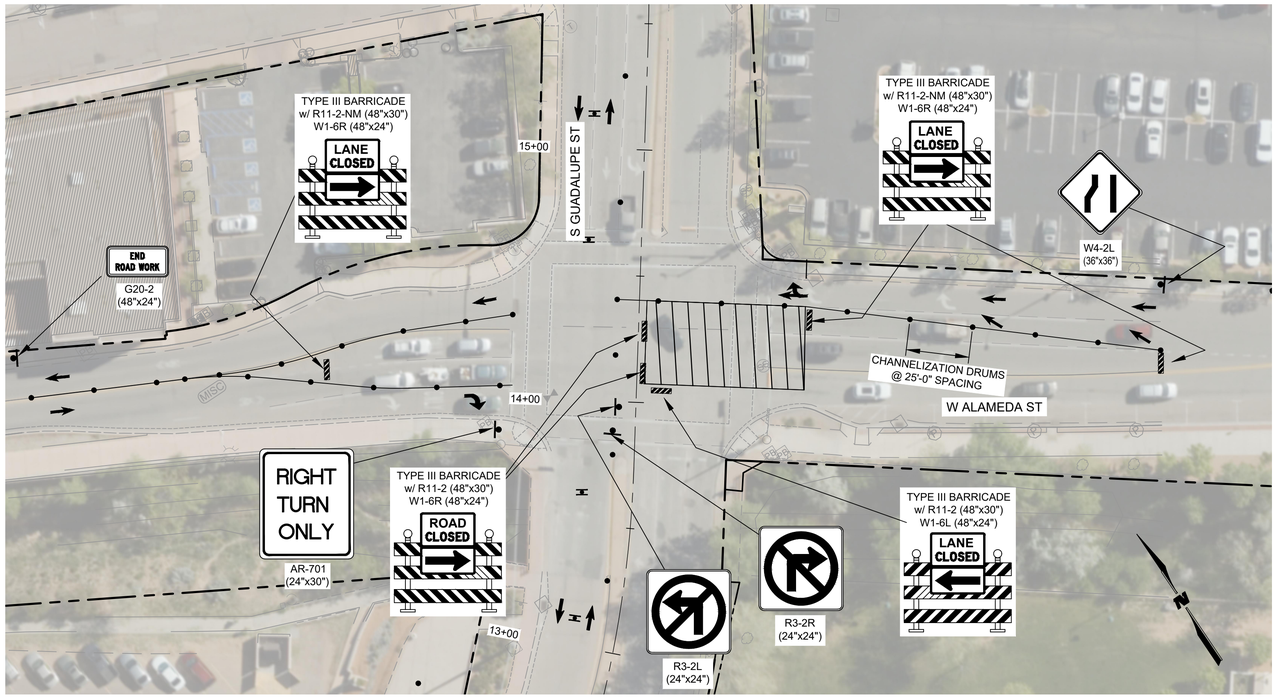
7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS05a.dwg

GENERAL NOTES

1. CONTRACTOR SHALL MAINTAIN ACCESS TO BUSINESSES AT ALL TIMES.

LEGEND

- TEMPORARY TRAFFIC SIGN
- TYPE III BARRICADE
- DRUM
- TRAFFIC FLOW ARROW
- VERTICAL PANEL
- WORK ZONE



E5 TEMPORARY TRAFFIC CONTROL PHASE II-A

SCALE: 1" = 30'

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07/29/2022

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GUADALUPE ST
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CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

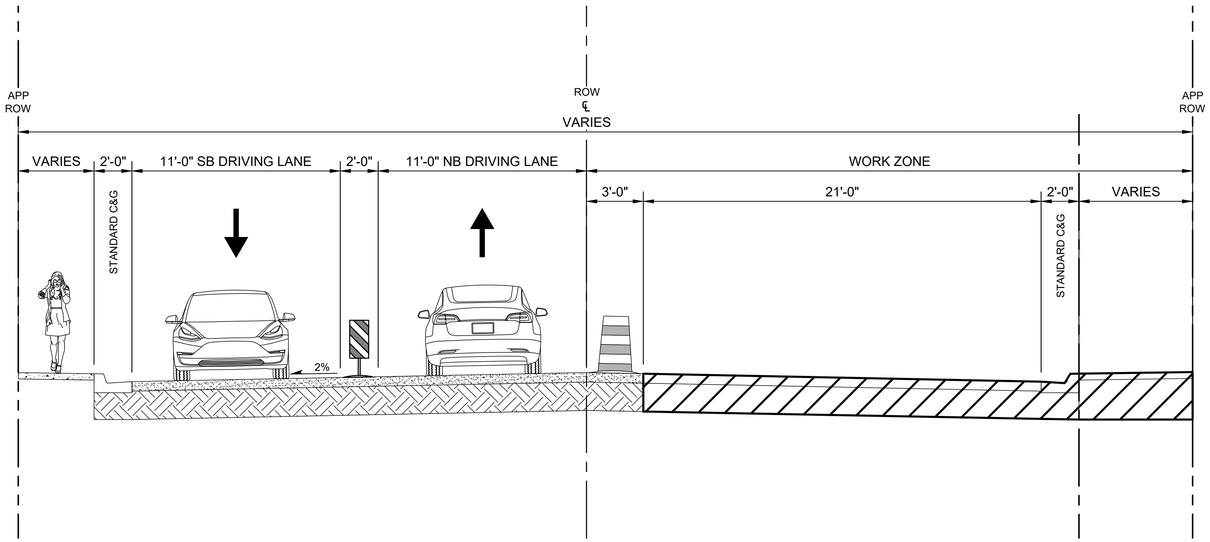
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE II-A

SHEET NO:

6-20

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS05a1.dwg



S GUADALUPE ST - PHASE II-B

WILSON & COMPANY
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ALBUQUERQUE, NM 87109
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07/29/2022

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DATE:	JUL 2022

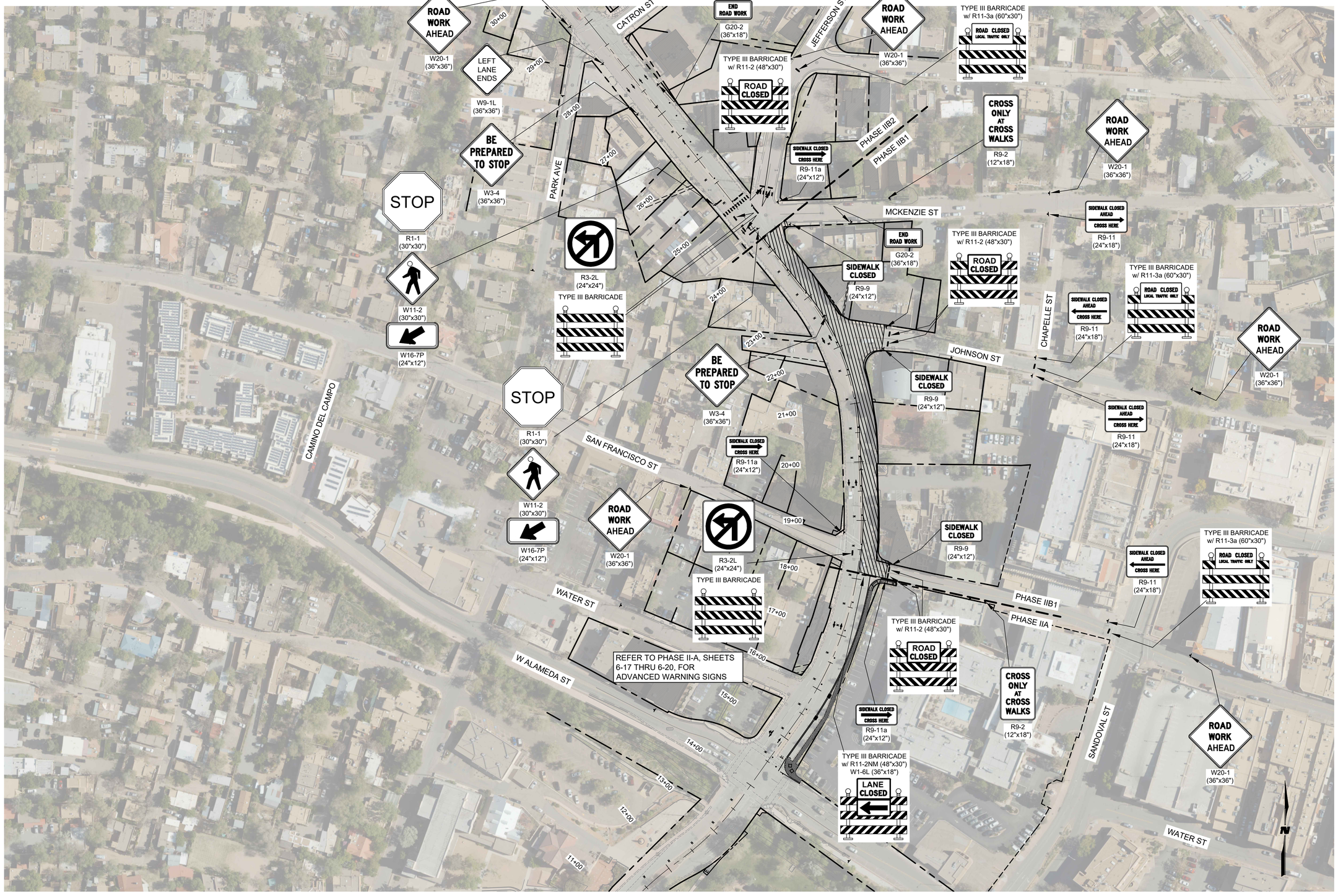
SHEET TITLE

TEMPORARY
TRAFFIC CONTROL
TYPICAL SECTION
PHASE II-B

SHEET NO:

6-21

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS05b1.dwg



A1 TEMPORARY TRAFFIC CONTROL PHASE II-B1

SCALE: 1" = 80'

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NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

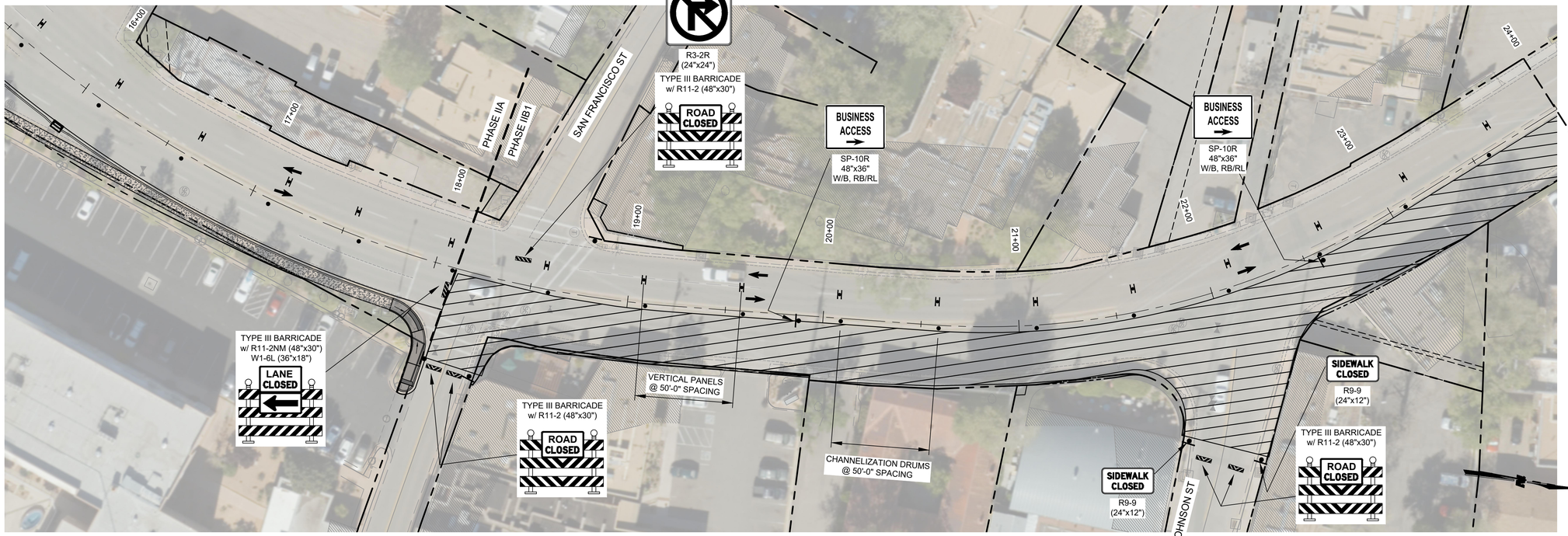
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE II-B1

SHEET NO:

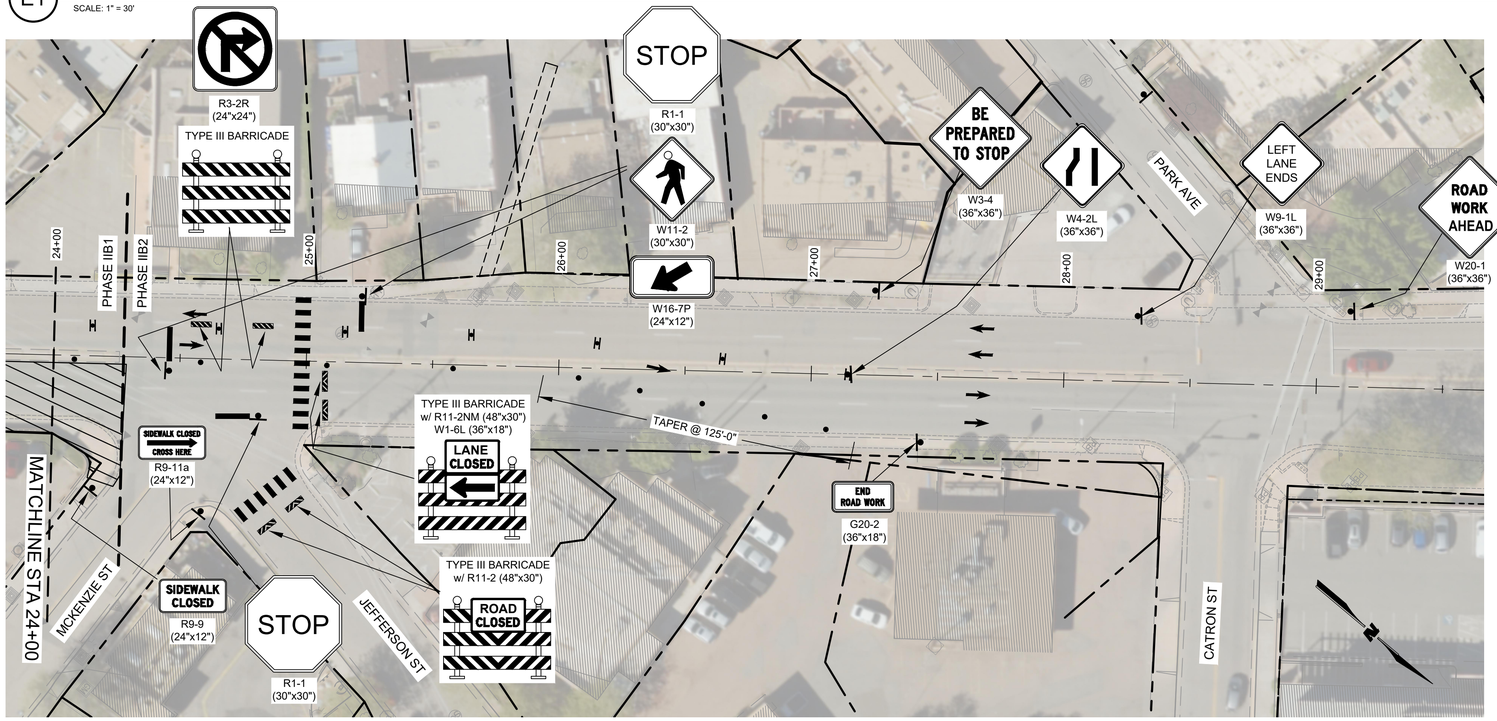
6-22

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS05b.dwg



E1 TEMPORARY TRAFFIC CONTROL PHASE II-B1

SCALE: 1" = 30'



A1 TEMPORARY TRAFFIC CONTROL PHASE II-B1

SCALE: 1" = 30'

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07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
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DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE II-B1

SHEET NO:

6-23

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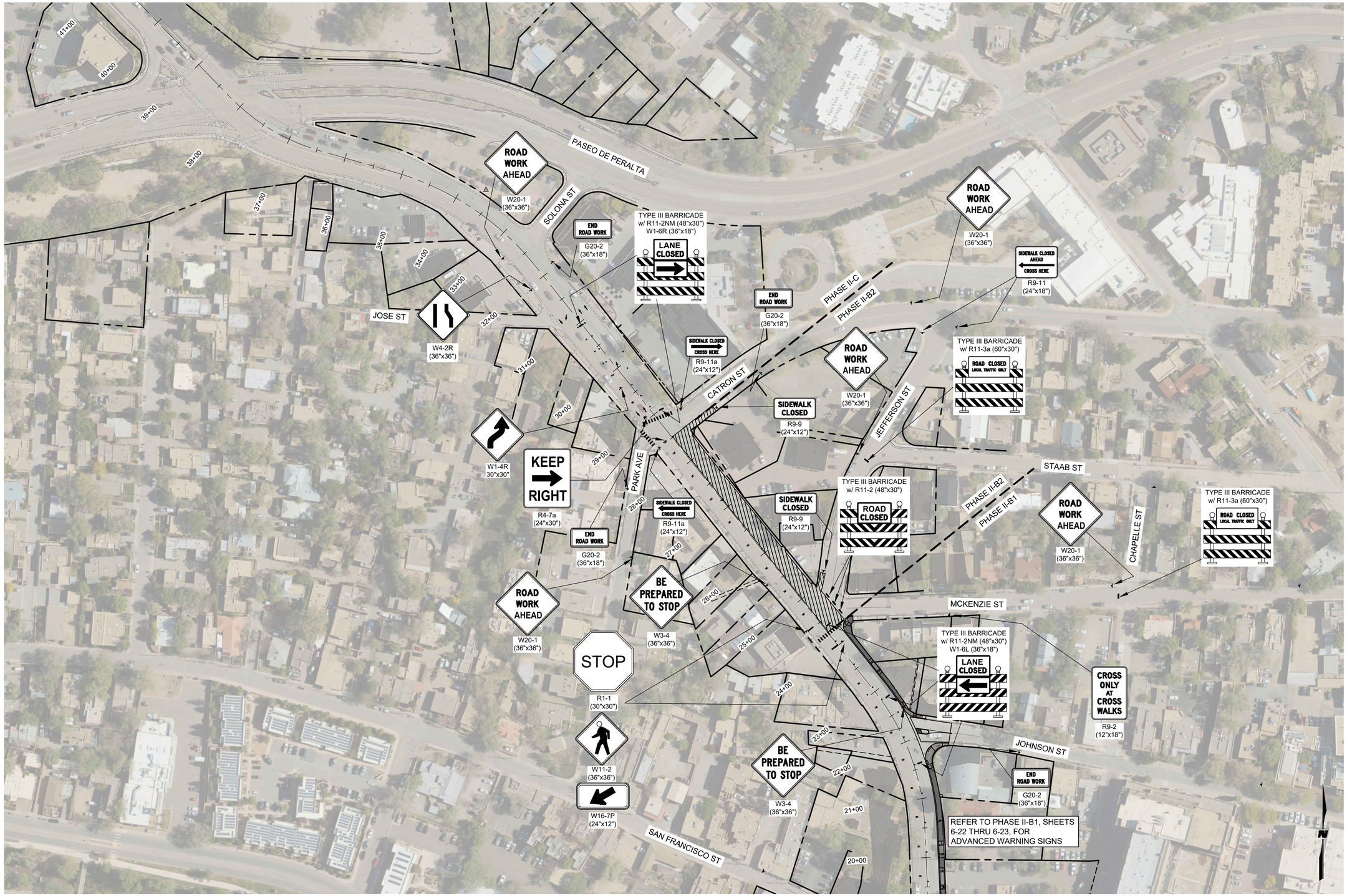

A1 TEMPORARY TRAFFIC CONTROL PHASE II-B2

SCALE: 1" = 80'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
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www.wilsonco.com

CONSULTANTS

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NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
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SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

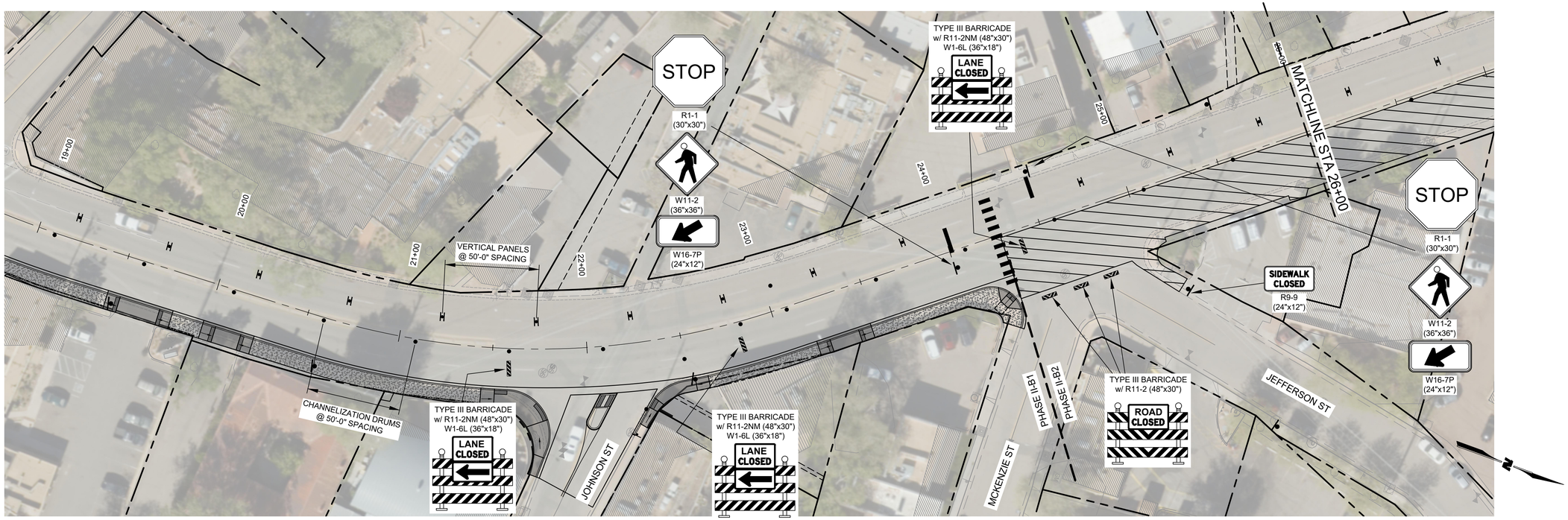
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE II-B2

SHEET NO:

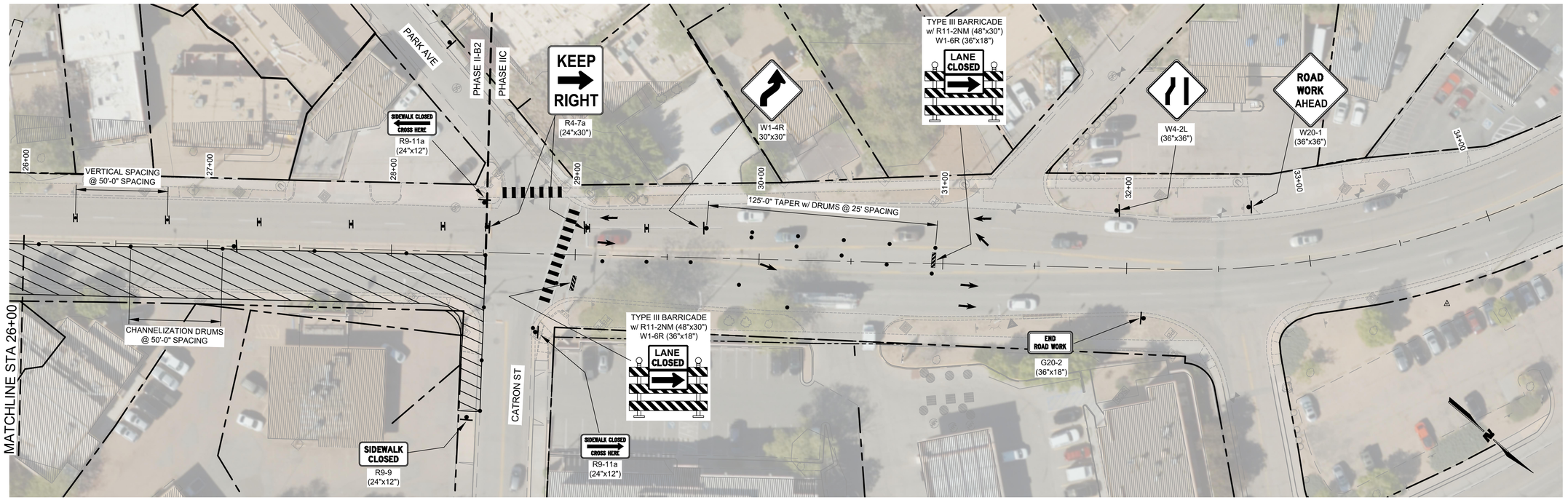
6-24

7/28/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS05b2.dwg



E1 TEMPORARY TRAFFIC CONTROL PHASE II-B2

SCALE: 1" = 30'



A1 TEMPORARY TRAFFIC CONTROL PHASE II-B2

SCALE: 1" = 30'

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07/29/2022

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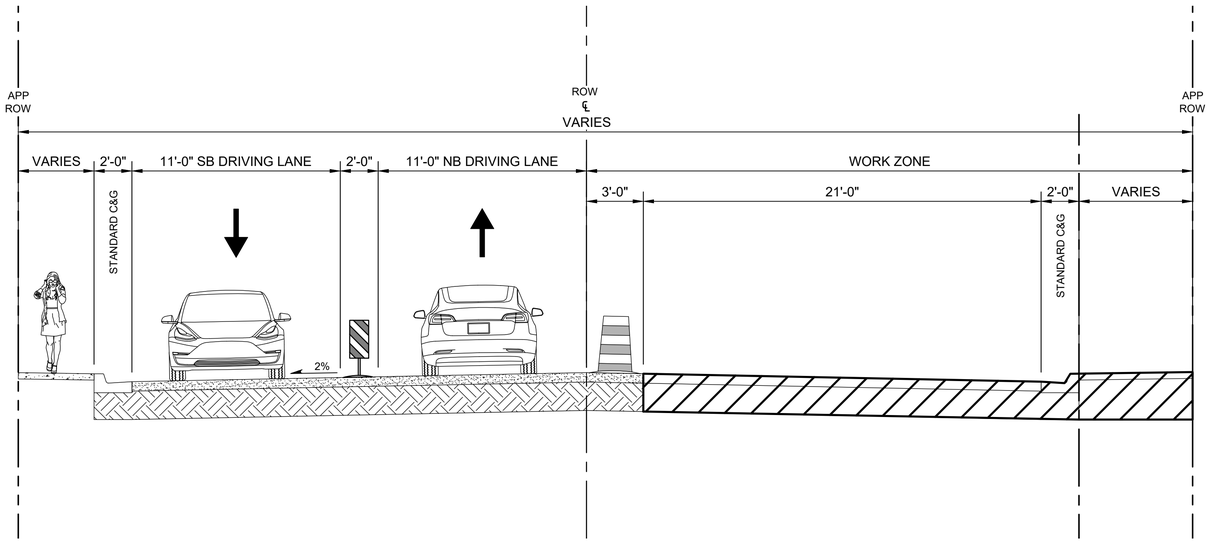
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE II-B2

SHEET NO:

6-25

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS05b2.dwg



S GUADALUPE ST - PHASE II-C

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4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
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07/29/2022

PROJECT NAME

GUADALUPE ST
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SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY
TRAFFIC CONTROL
TYPICAL SECTION
PHASE II-C

SHEET NO:

6-26

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS05c1.dwg

PORTABLE CHANGEABLE MESSAGE SIGN "ROAD WORK AHEAD"

END ROAD WORK G20-2 (36"x18")
W12-1 (36"x36")
SIDEWALK CLOSED R9-9 (24"x12")
TYPE III BARRICADE
SIDEWALK CLOSED CROSS HERE R9-11a (24"x12")
TYPE III BARRICADE w/ R11-2NM (48"x30") W1-6R (36"x18") LANE CLOSED
ROAD WORK AHEAD W20-1 (36"x36")
TYPE III BARRICADE w/ R11-2 (48"x30") ROAD CLOSED
GUADALUPE ST
END ROAD WORK G20-2 (36"x18")
SIDEWALK CLOSED R9-9 (24"x12")
END ROAD WORK G20-2 (36"x18")
KEEP RIGHT R4-7a (24"x30")
SIDEWALK CLOSED AHEAD CROSS HERE R9-11 (24"x18")
SOLONA ST
SIDEWALK CLOSED AHEAD CROSS HERE R9-11 (24"x18")
DETOUR M4-9L (30"x24")
TYPE III BARRICADE w/ R11-3a (60"x30") ROAD CLOSED LOCAL TRAFFIC ONLY
SIDEWALK CLOSED CROSS HERE R9-11a (24"x12")
SIDEWALK CLOSED R9-9 (24"x12")
SIDEWALK CLOSED R9-9 (24"x12")
TYPE III BARRICADE w/ R11-2 (48"x30") ROAD CLOSED
PASEO DE PERALTA
ROAD WORK AHEAD W20-1 (36"x36")
25 MPH W13-1P (18"x18")
SIDEWALK CLOSED AHEAD CROSS HERE R9-11 (24"x18")
SIDEWALK CLOSED R9-9 (24"x12")
R3-2L (24"x24")
TYPE III BARRICADE
JOSE ST
SIDEWALK CLOSED R9-9 (24"x12")
PHASE IIC
PHASE IIB2
CATRON ST
SIDEWALK CLOSED CROSS HERE R9-11a (24"x12")
TYPE III BARRICADE w/ R11-2 (48"x30") ROAD CLOSED
CROSS ONLY AT CROSS WALKS R9-2 (12"x18")
R3-2L (24"x24")
TYPE III BARRICADE w/ R11-2 (48"x30") W1-6R (36"x18") ROAD CLOSED
TYPE III BARRICADE w/ R11-2NM (48"x30") W1-6L (36"x18") LANE CLOSED
SIDEWALK CLOSED CROSS HERE R9-11a (24"x12")
REFER TO PHASE II-B2 SHEETS 6-24 THRU 6-25, FOR ADVANCED WARNING SIGNS
JEFFERSON ST
CHAPELLE ST
PARK AVE
MCKENZIE ST
SAN FRANCISCO ST
43+00 41+00 40+00 39+00 38+00 37+00 36+00 35+00 34+00 33+00 32+00 31+00 30+00 29+00 28+00 27+00 26+00 25+00 24+00

A1 TEMPORARY TRAFFIC CONTROL PHASE II-C
SCALE: 1" = 80'

WILSON & COMPANY
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CONSULTANTS

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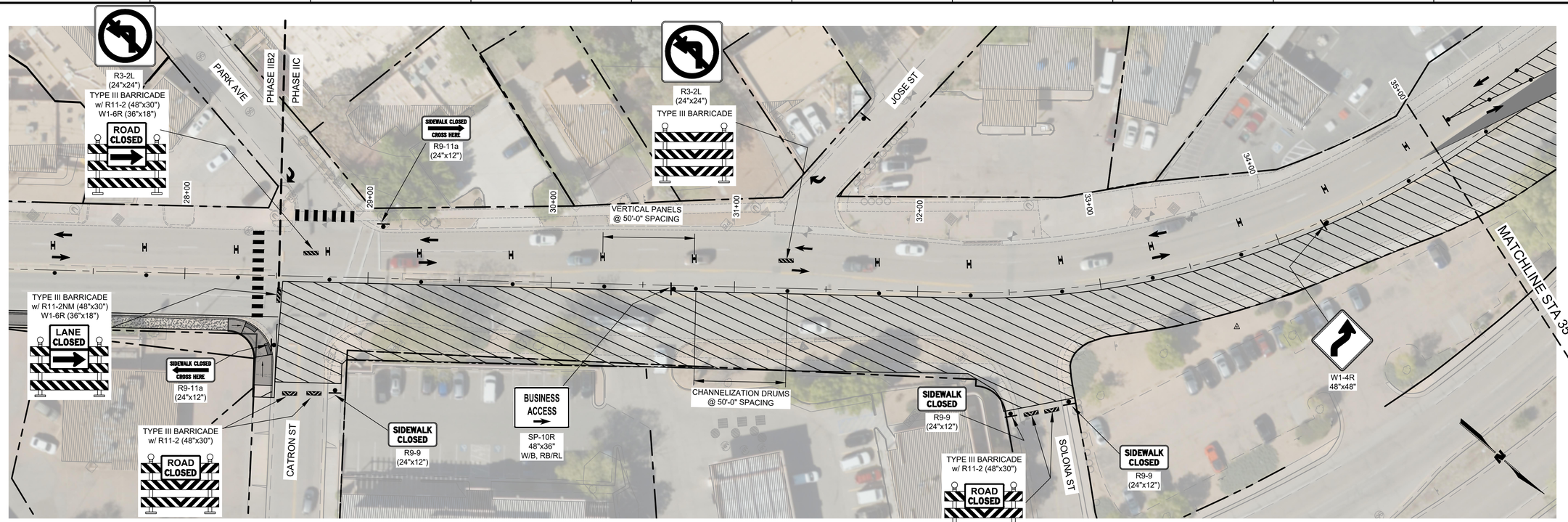
SHEET TITLE
TEMPORARY TRAFFIC CONTROL PHASE II-C

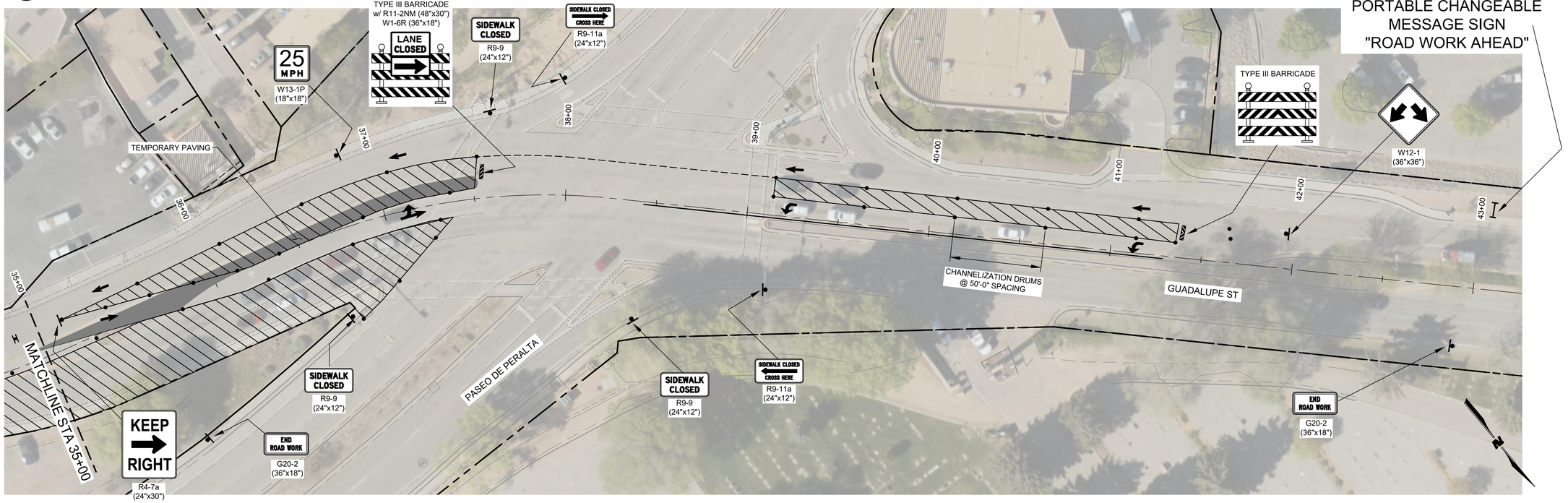
SHEET NO:
6-27

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS05c.dwg



E1 TEMPORARY TRAFFIC CONTOL PHASE IIC

SCALE: 1" = 30'



A1 TEMPORARY TRAFFIC CONTROL PHASE II-C

SCALE: 1" = 30'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

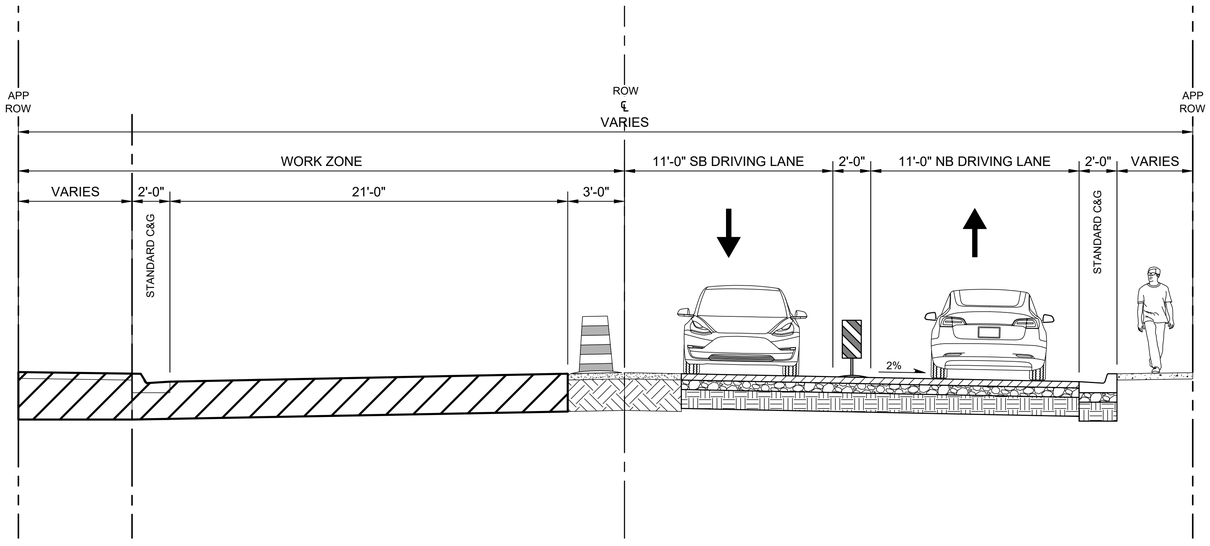
TEMPORARY
TRAFFIC CONTROL
PHASE II-C

SHEET NO:

6-28

M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS05c.dwg

7/28/2022



S GUADALUPE ST - PHASE III A

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

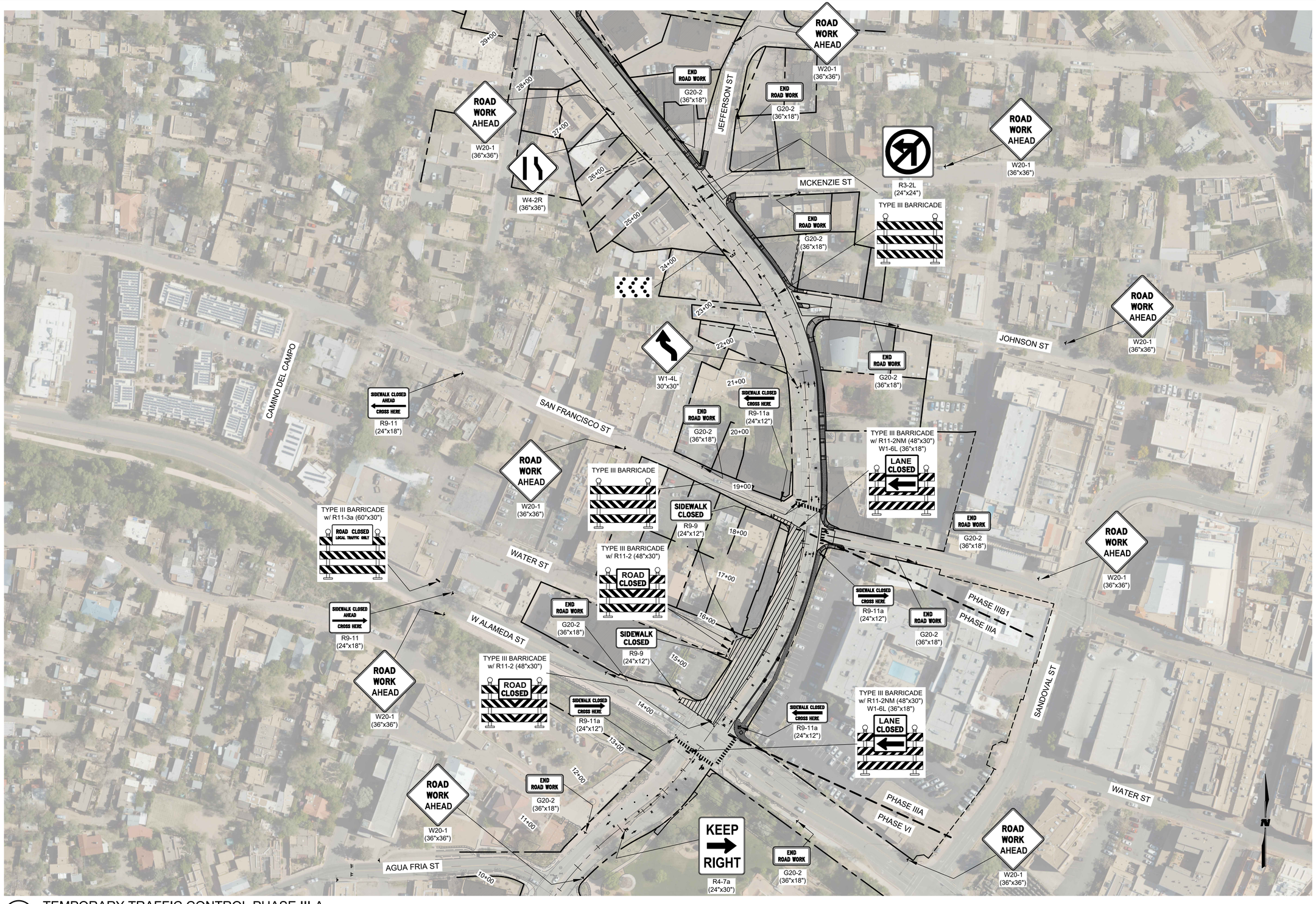
SHEET TITLE

TEMPORARY
TRAFFIC CONTROL
TYPICAL SECTION
PHASE III-A

SHEET NO:

6-29

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS06a1.dwg



A1 TEMPORARY TRAFFIC CONTROL PHASE III-A

SCALE: 1" = 80'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE III-A

SHEET NO:

6-30

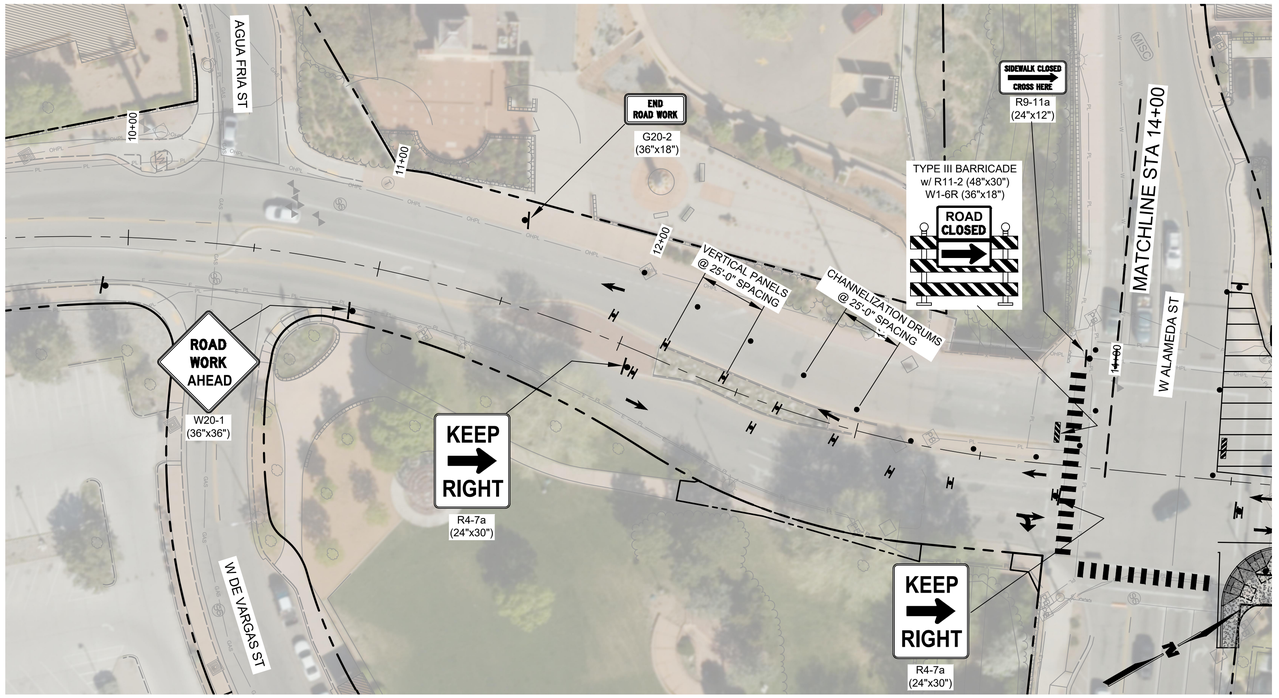
7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS06a.dwg

GENERAL NOTES

1. CONTRACTOR SHALL MAINTAIN ACCESS TO BUSINESSES AT ALL TIMES.
2. CONTRACTOR SHALL MAINTAIN ACCESS TO JOSE ST AT ALL TIMES.

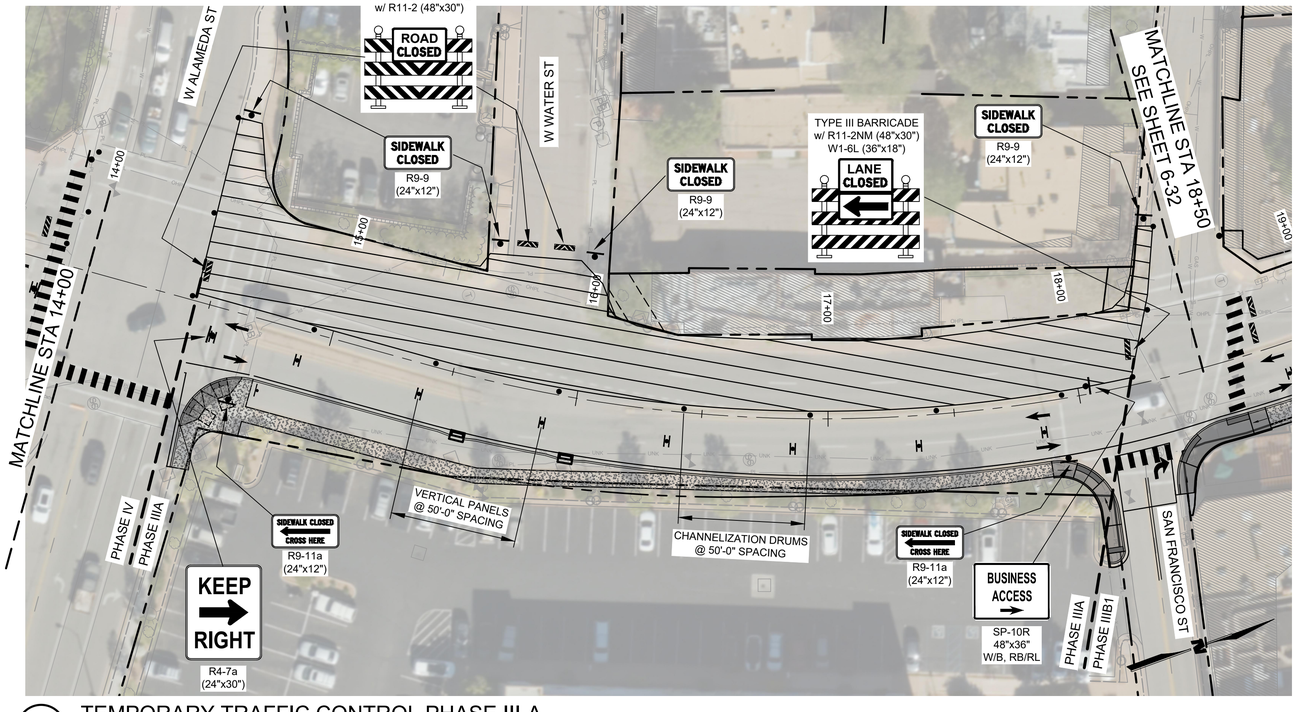
LEGEND

- TEMPORARY TRAFFIC SIGN
- TYPE III BARRICADE
- DRUM
- TRAFFIC FLOW ARROW
- VERTICAL PANEL
- WORK ZONE



E5 TEMPORARY TRAFFIC CONTROL PHASE III-A

SCALE: 1" = 30'



A5 TEMPORARY TRAFFIC CONTROL PHASE III-A

SCALE: 1" = 30'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
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TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

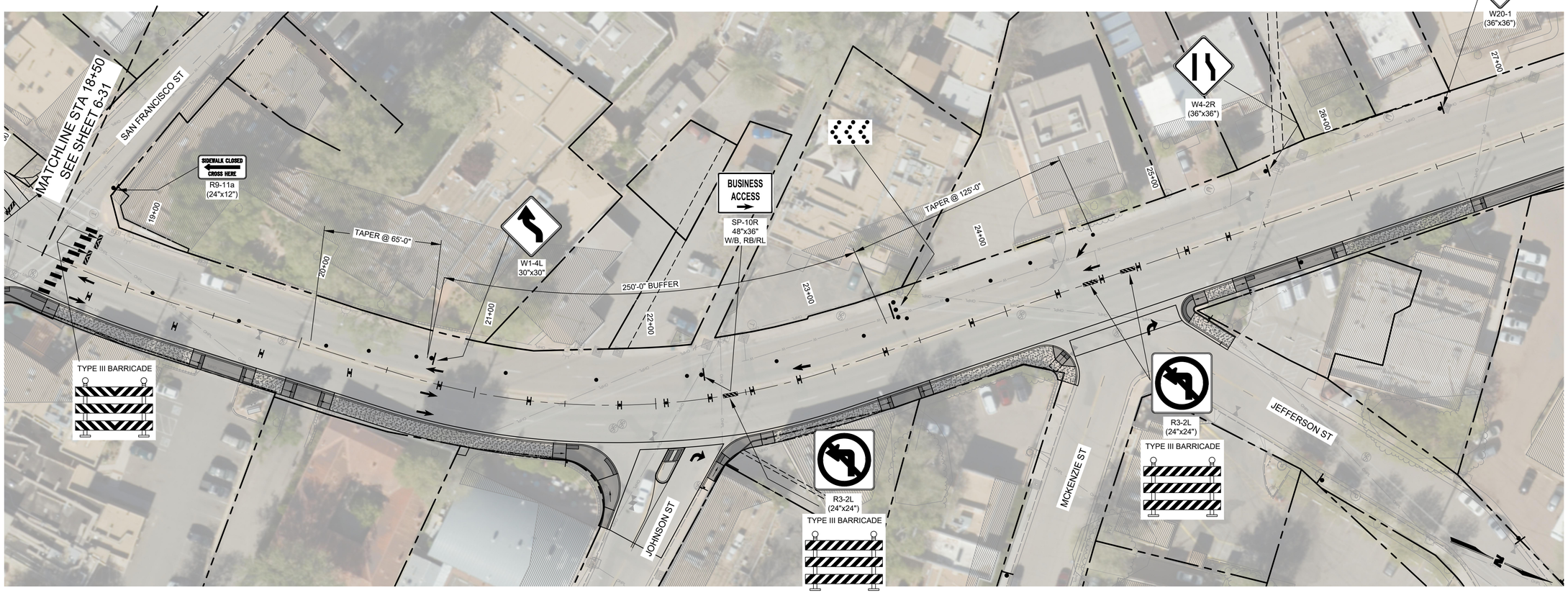
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE III-A

SHEET NO:

6-31

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS06a.dwg



A1 TEMPORARY TRAFFIC CONTROL PHASE III-A

SCALE: 1" = 30'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

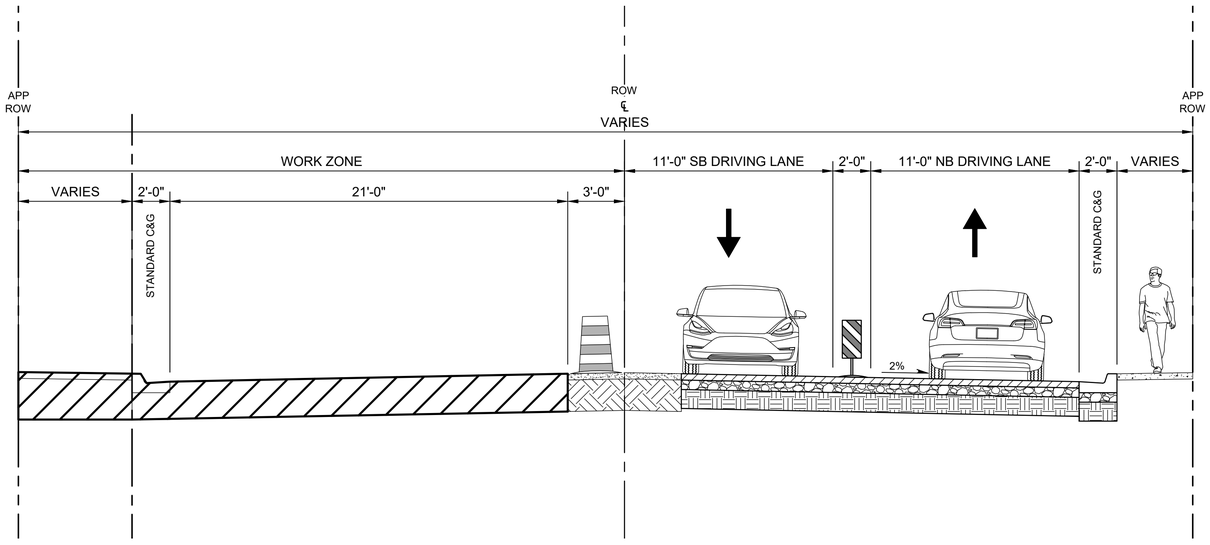
SHEET TITLE

TEMPORARY
TRAFFIC CONTROL
PHASE III-A

SHEET NO:

6-32

7/28/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 61\76085_CS06a.dwg



S GUADALUPE ST - PHASE III B1

WILSON &COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

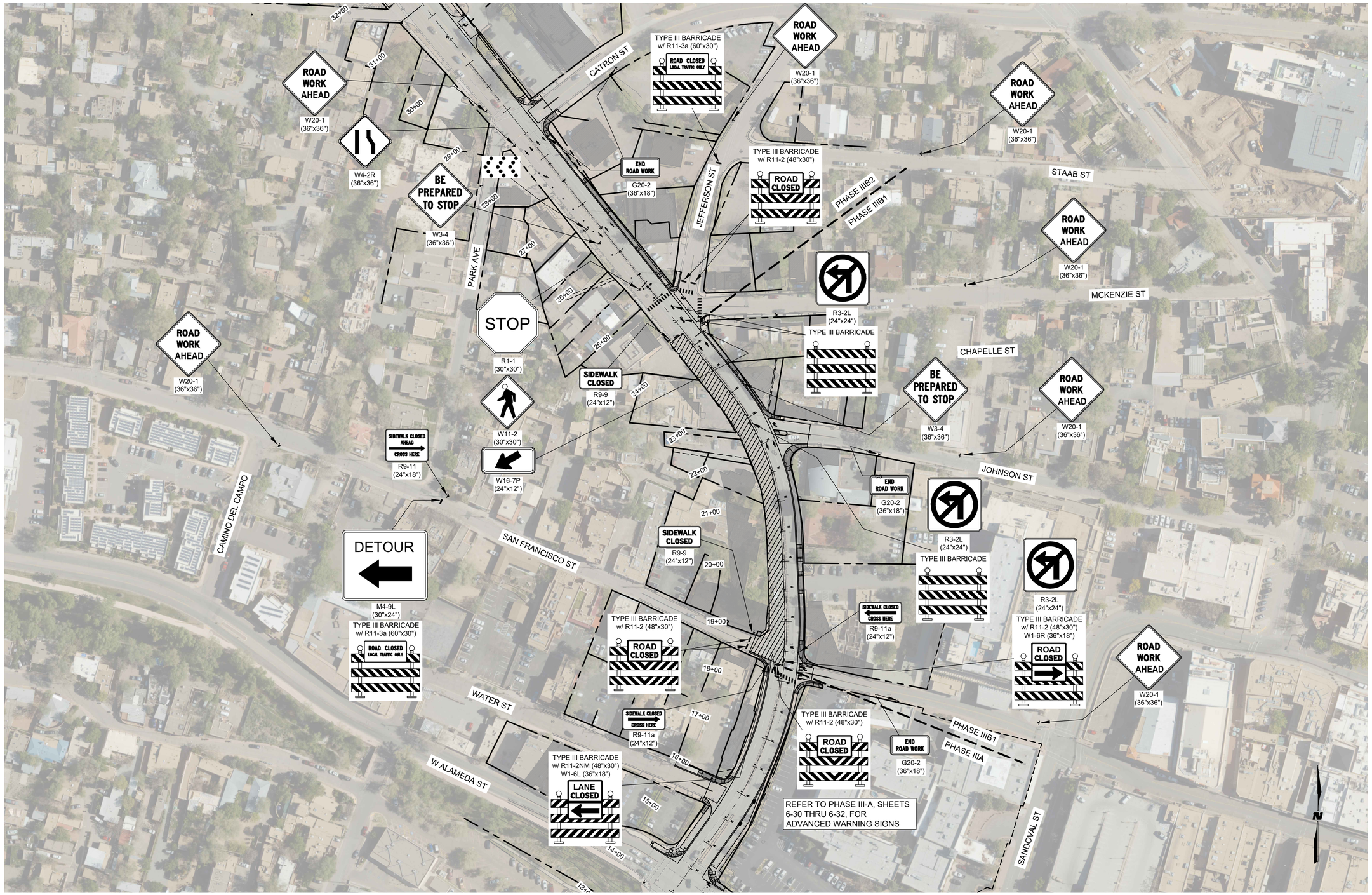
	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
TEMPORARY TRAFFIC CONTROL TYPICAL SECTION PHASE III-B1

SHEET NO:
6-33

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS06b1.dwg



A1 TEMPORARY TRAFFIC CONTROL PHASE III-B1

SCALE: 1" = 80'

WILSON & COMPANY
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

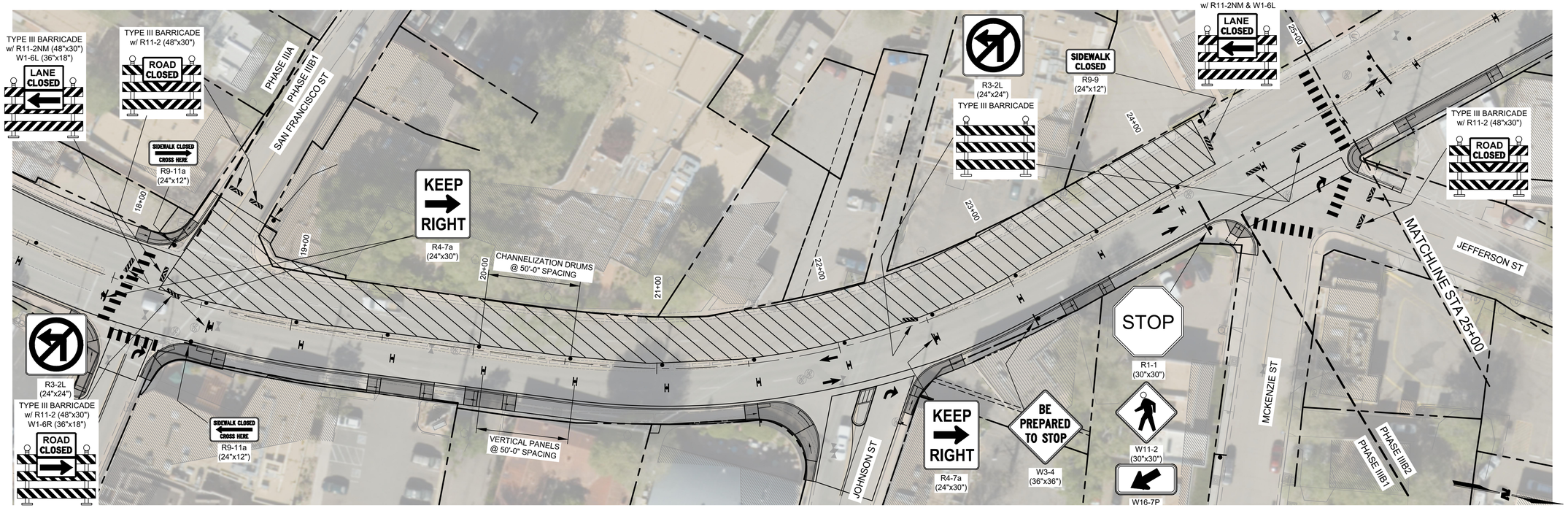
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE III-B1

SHEET NO:

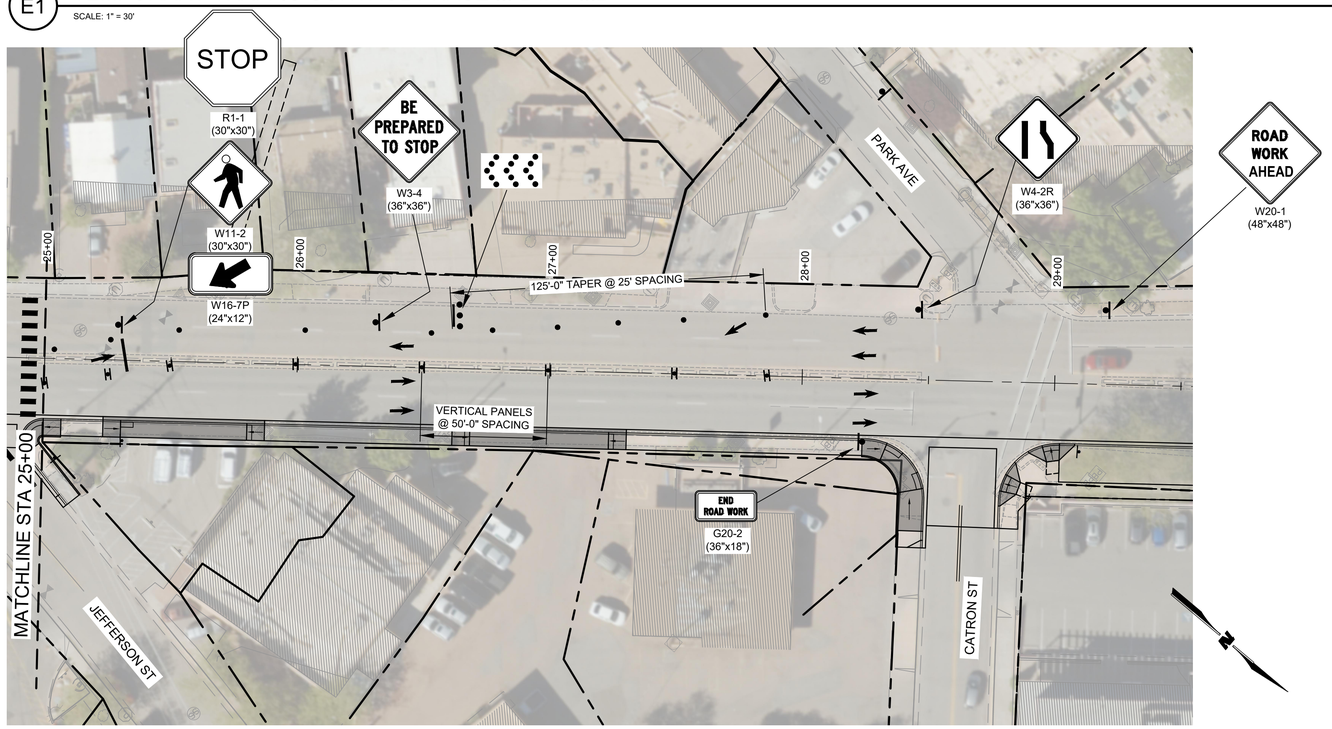
6-34

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS06b.dwg



E1 TEMPORARY TRAFFIC CONTROL PHASE III-B1A - IIIB

SCALE: 1" = 30'



A1 TEMPORARY TRAFFIC CONTROL PHASE III-B1B

SCALE: 1" = 30'

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

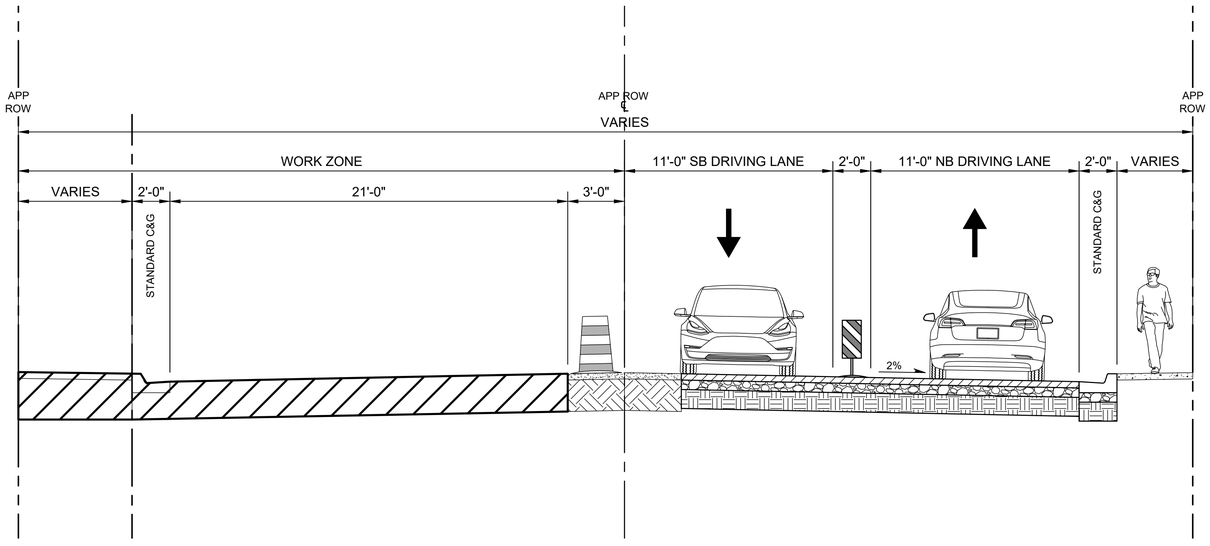
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE III-B1

SHEET NO:

6-35

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS06b.dwg



S GUADALUPE ST - PHASE III B2

S GUADALUPE ST - PHASE III C

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

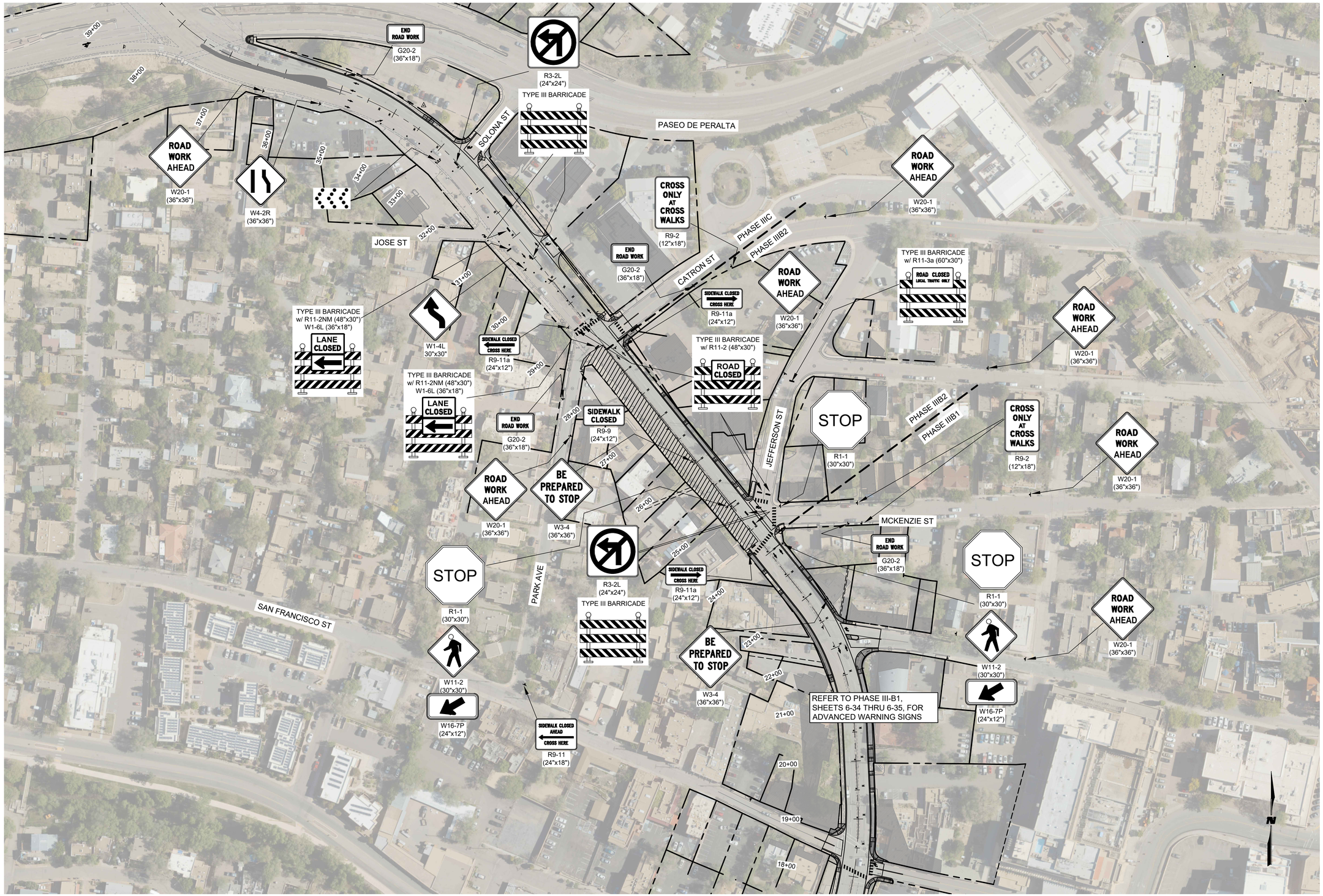
SHEET TITLE

TEMPORARY TRAFFIC CONTROL TYPICAL SECTION PHASE III-B2

SHEET NO:

6-36

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS06b4.dwg



A1 TEMPORARY TRAFFIC CONTROL PHASE III-B2

SCALE: 1" = 80'

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

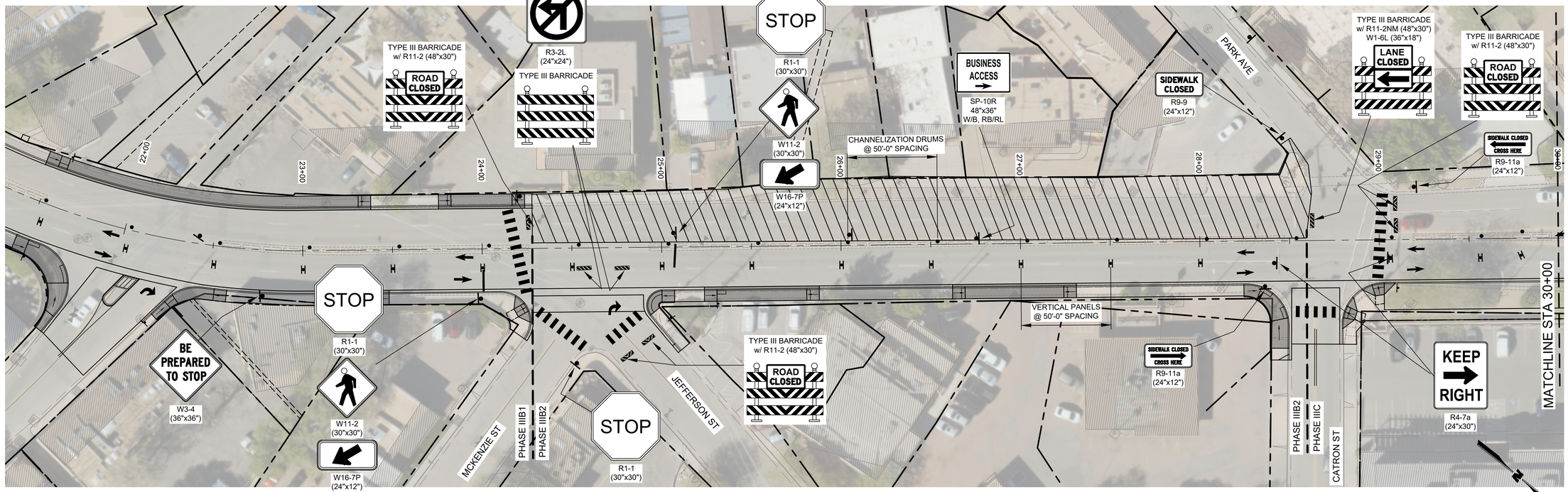
WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE III-B2

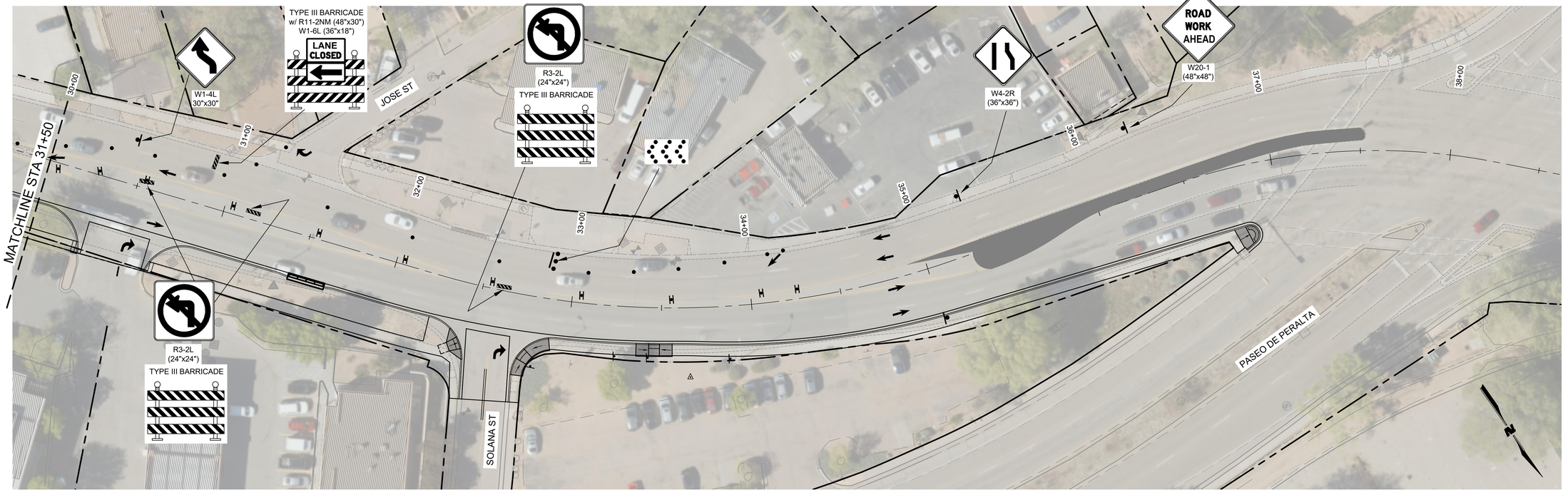
SHEET NO:

6-37



E1 TEMPORARY TRAFFIC CONTROL PHASE III-B2

SCALE: 1" = 30'



A1 TEMPORARY TRAFFIC CONTROL PHASE III-B2

SCALE: 1" = 30'

WILSON & COMPANY
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE III-B2

SHEET NO:

6-38

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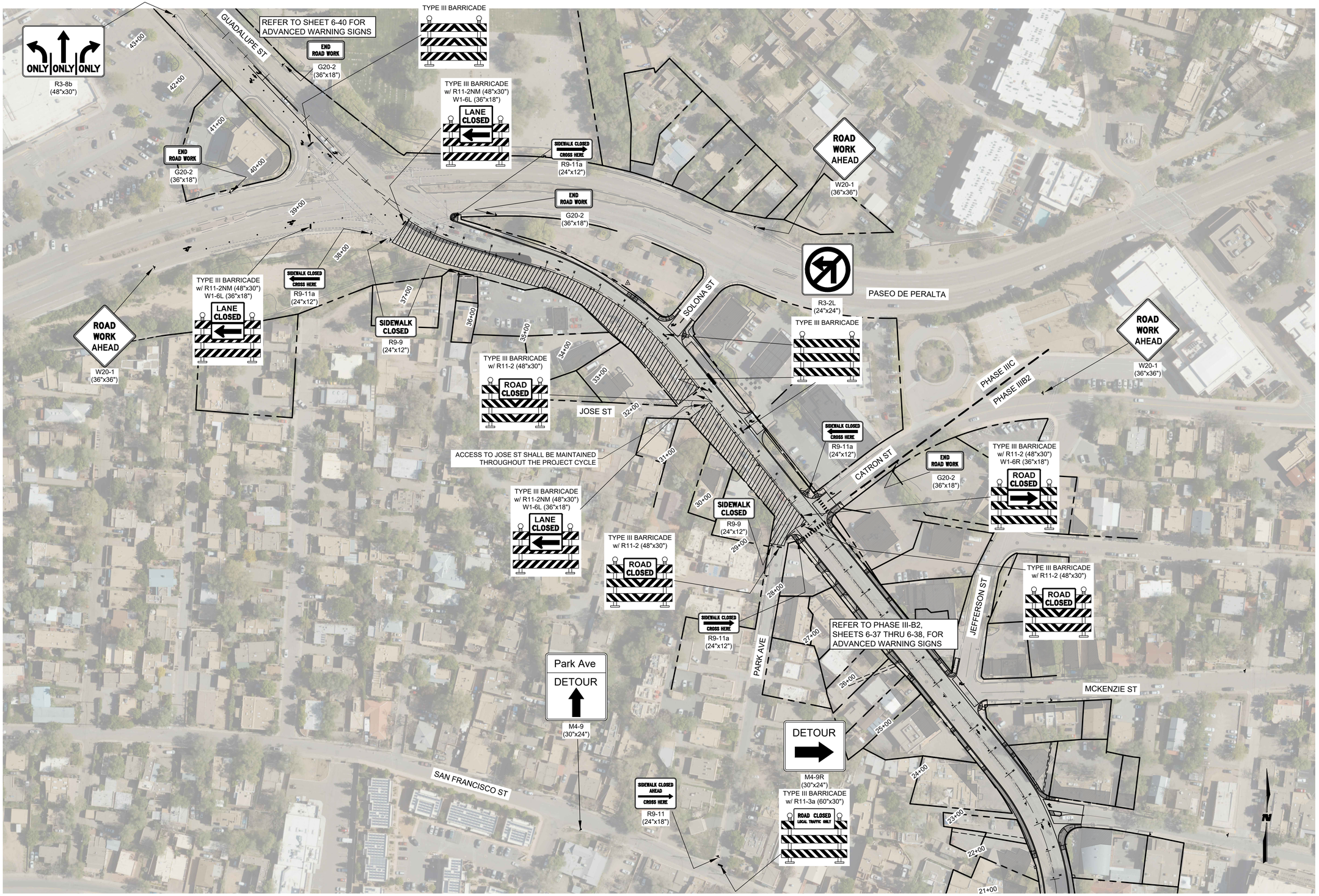
7/28/2022



A1 TEMPORARY TRAFFIC CONTROL PHASE III-C

SCALE: 1" = 80'

7/28/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 61176085_CS06b3.dwg

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4401 MASTHEAD ST. NE. SUITE 150
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FAX: 505-348-4072
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

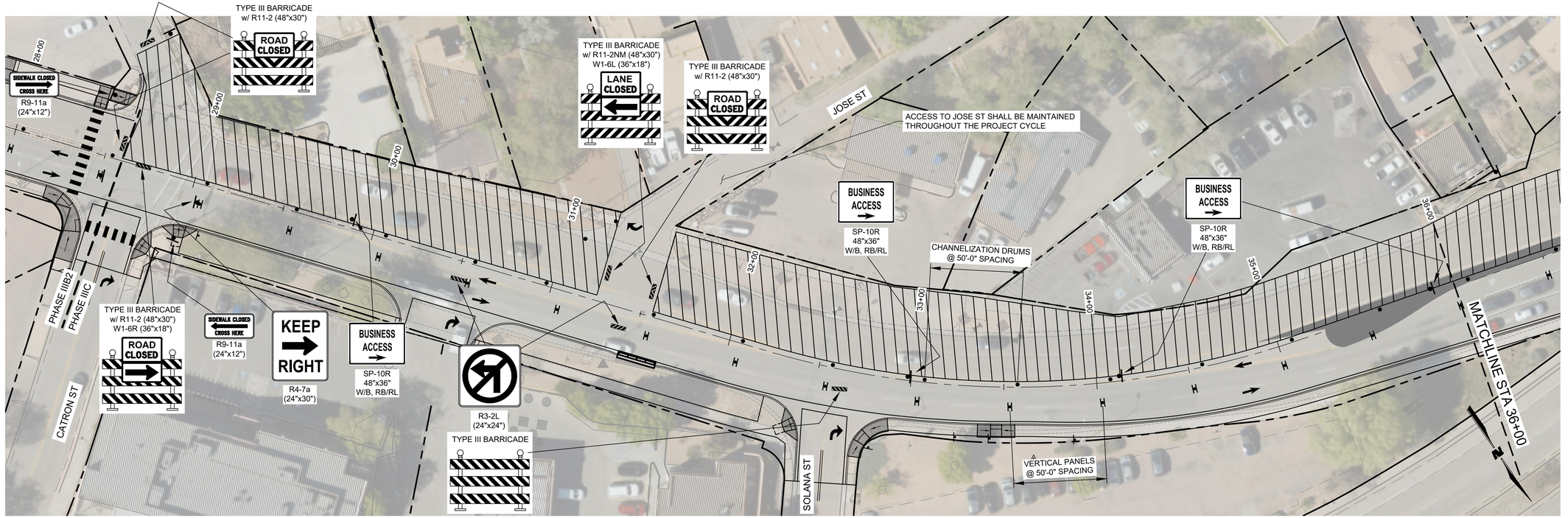
WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE III-C

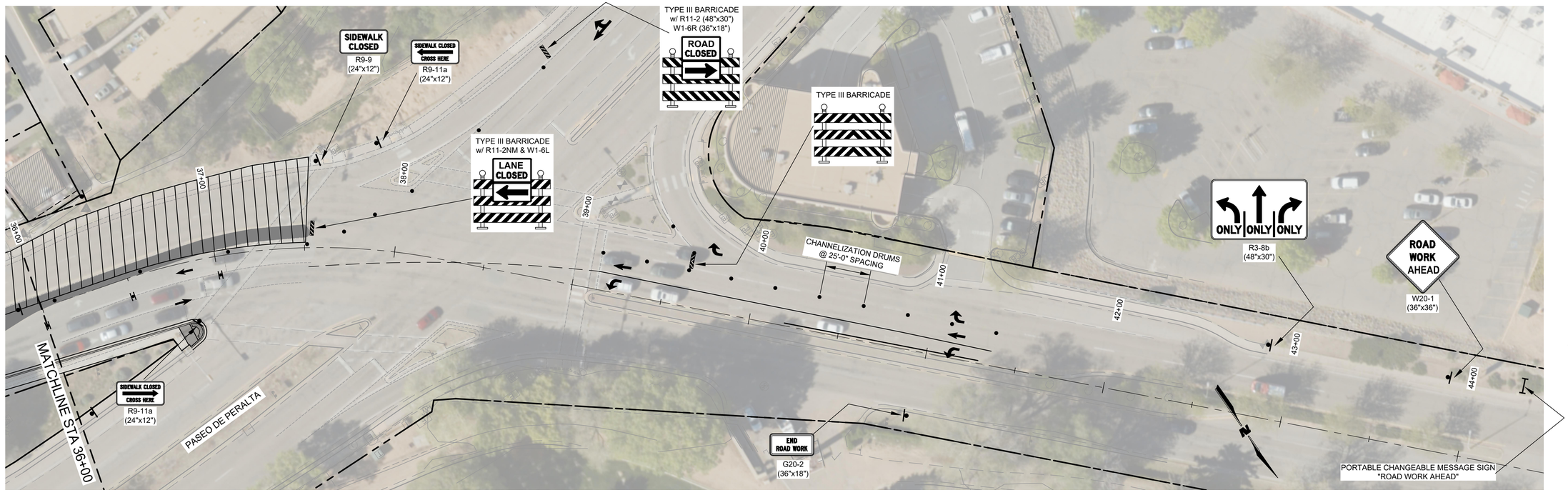
SHEET NO:

6-39



E1 TEMPORARY TRAFFIC CONTROL PHASE III-C

SCALE: 1" = 30'



A1 TEMPORARY TRAFFIC CONTROL PHASE III-C

SCALE: 1" = 30'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
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CONSULTANTS

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TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

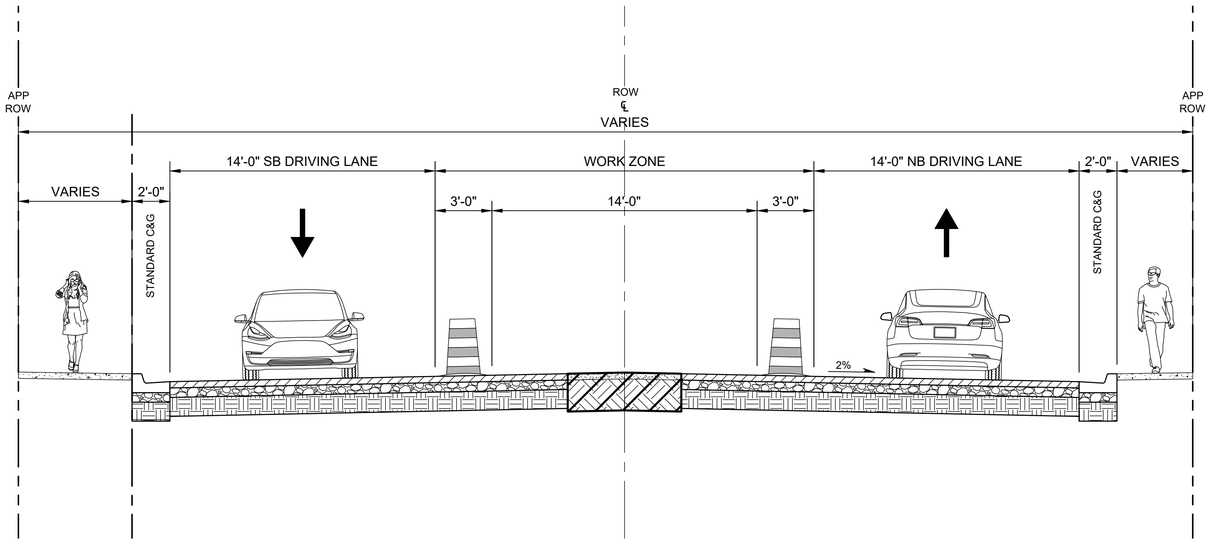
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE III-C

SHEET NO:

6-40

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS06b3.dwg



S GUADALUPE ST - PHASE IV

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL TYPICAL SECTION PHASE IV

SHEET NO:

6-41

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS07b.dwg

MATCHLINES STA 23+00
SEE SHEET 6-43

PORTABLE CHANGEABLE MESSAGE SIGN "ROAD WORK AHEAD"

PORTABLE CHANGEABLE MESSAGE SIGN "ROAD WORK AHEAD"

PORTABLE CHANGEABLE MESSAGE SIGN "ROAD WORK AHEAD"

CAMINO DEL CAMPO
SAN FRANCISCO ST
WATER ST
W ALAMEDA ST
AGUA FRIA ST
W DE VARGAS ST
JOHNSON ST
SANDOVAL ST
WATER ST

R3-2L (24"x24") TYPE III BARRICADE
ROAD WORK AHEAD W20-1 (36"x36")
END ROAD WORK G20-2 (36"x18")
KEEP RIGHT R4-7a (24"x30") TYPE III BARRICADE
DETOUR M4-9L (30"x24")

24+00 23+00 22+00 21+00 20+00 19+00 18+00 17+00 16+00 15+00 14+00 13+00 12+00 11+00 10+00 9+00 8+00 7+00 6+00

N

A1 TEMPORARY TRAFFIC CONTROL PHASE IV
SCALE: 1" = 80'

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS07.dwg

WILSON & COMPANY
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PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME
GUADALUPE ST RECONSTRUCTION SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
TEMPORARY TRAFFIC CONTROL PHASE IV

SHEET NO:
6-42

PORTABLE CHANGEABLE MESSAGE SIGN
"ROAD WORK AHEAD"
"MEDIAN WORK"
"NO U-TURNS"

ROAD WORK AHEAD
W20-1
(36"x36")

END ROAD WORK
G20-2
(36"x18")

W12-1
(30"x30")

TYPE III BARRICADE

KEEP RIGHT
R4-7a
(24"x30")

ONLY ONLY
R3-8
(30"x30")

GUADALUPE ST

25 MPH
W13-1P
(18"x18")

PORTABLE CHANGEABLE
MESSAGE SIGN
"ROAD WORK AHEAD"

PORTABLE CHANGEABLE
MESSAGE SIGN
"ROAD WORK AHEAD"

R3-2L
(24"x24")

PASEO DE PERALTA

SOLONA ST

JOSE ST

CATRON ST

JEFFERSON ST

PARK AVE

MCKENZIE ST

SAN FRANCISCO ST

MATCHLINES STA 23+00
SEE SHEET 6-42

45+00 44+00 43+00 42+00 41+00 40+00 39+00 38+00 37+00 36+00 35+00 34+00 33+00 32+00 31+00 30+00 29+00 28+00 27+00 26+00 25+00 24+00

A1 TEMPORARY TRAFFIC CONTROL PHASE IV
SCALE: 1" = 80'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
TEMPORARY TRAFFIC CONTROL PHASE IV

SHEET NO:
6-43

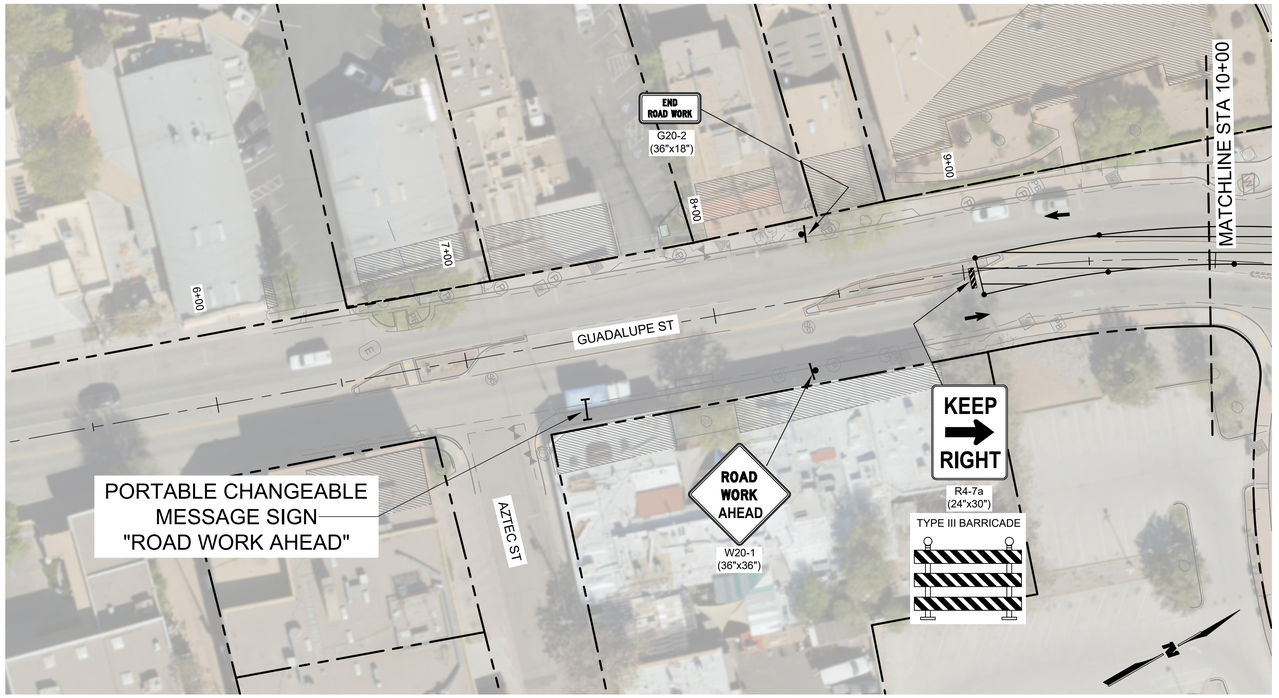
7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS07.dwg

GENERAL NOTES

1. CONTRACTOR SHALL MAINTAIN ACCESS TO BUSINESSES AT ALL TIMES.
2. CONTRACTOR SHALL MAINTAIN ACCESS TO JOSE ST AT ALL TIMES.

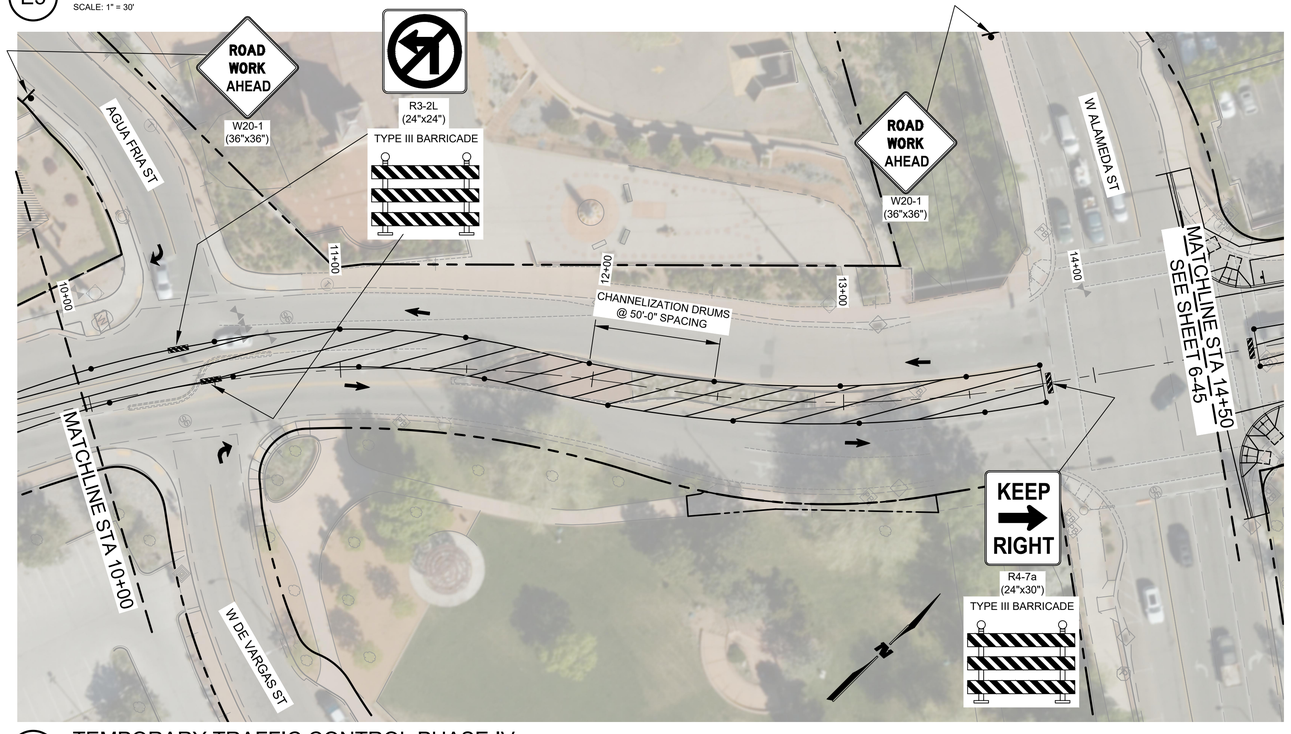
LEGEND

- TEMPORARY TRAFFIC SIGN
- TYPE III BARRICADE
- DRUM
- TRAFFIC FLOW ARROW
- VERTICAL PANEL
- WORK ZONE



E5 TEMPORARY TRAFFIC CONTROL PHASE IV

SCALE: 1" = 30'



A5 TEMPORARY TRAFFIC CONTROL PHASE IV

SCALE: 1" = 30'

WILSON & COMPANY
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

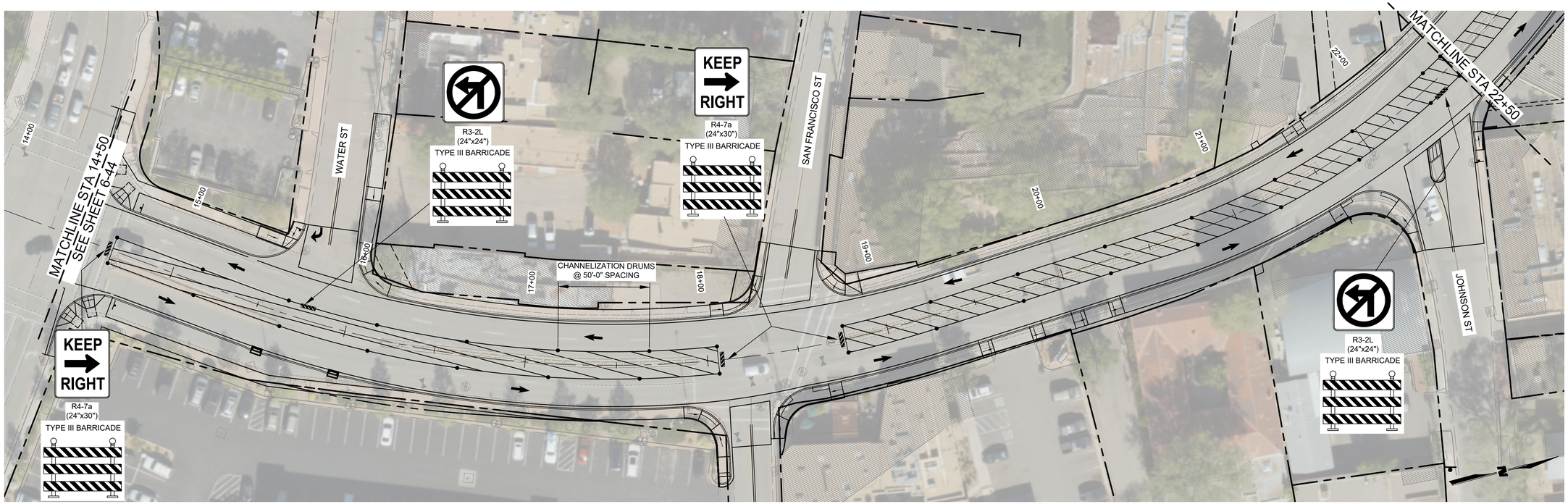
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE IV

SHEET NO:

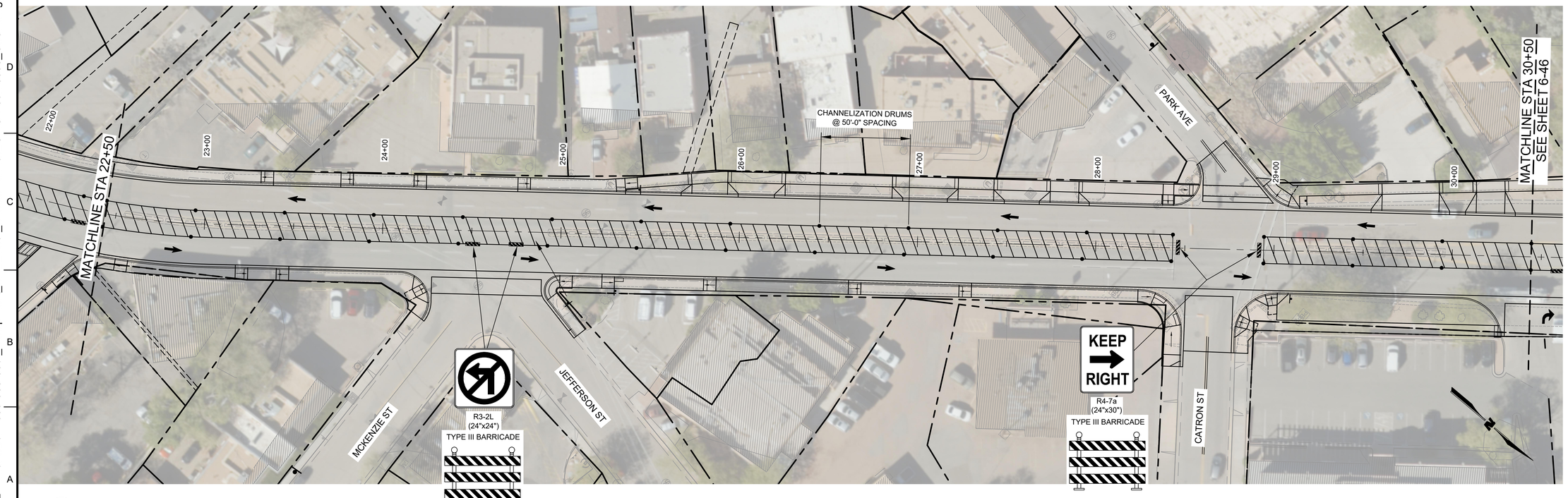
6-44

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS07.dwg



E1 TEMPORARY TRAFFIC CONTROL PHASE IV

SCALE: 1" = 30'



A1 TEMPORARY TRAFFIC CONTROL PHASE IV

SCALE: 1" = 30'

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

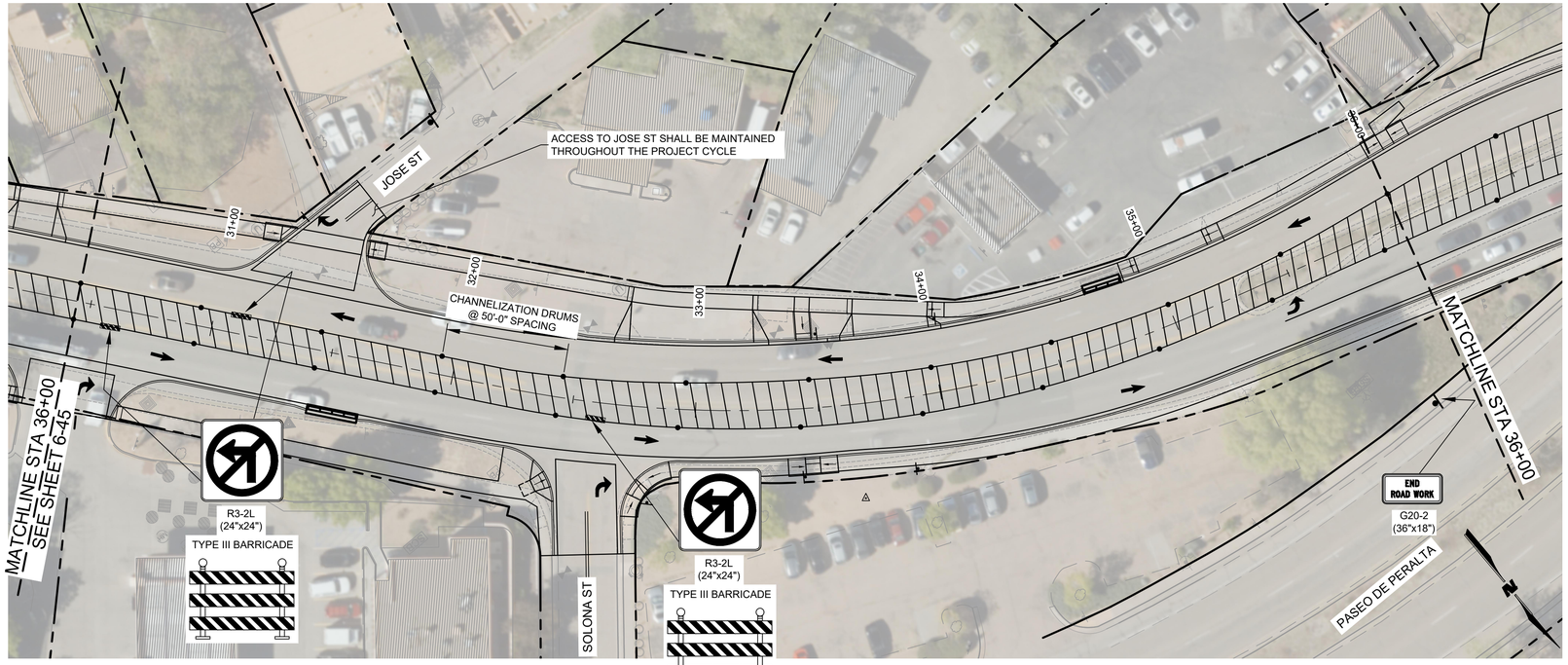
TEMPORARY TRAFFIC CONTROL PHASE IV

SHEET NO:

6-45

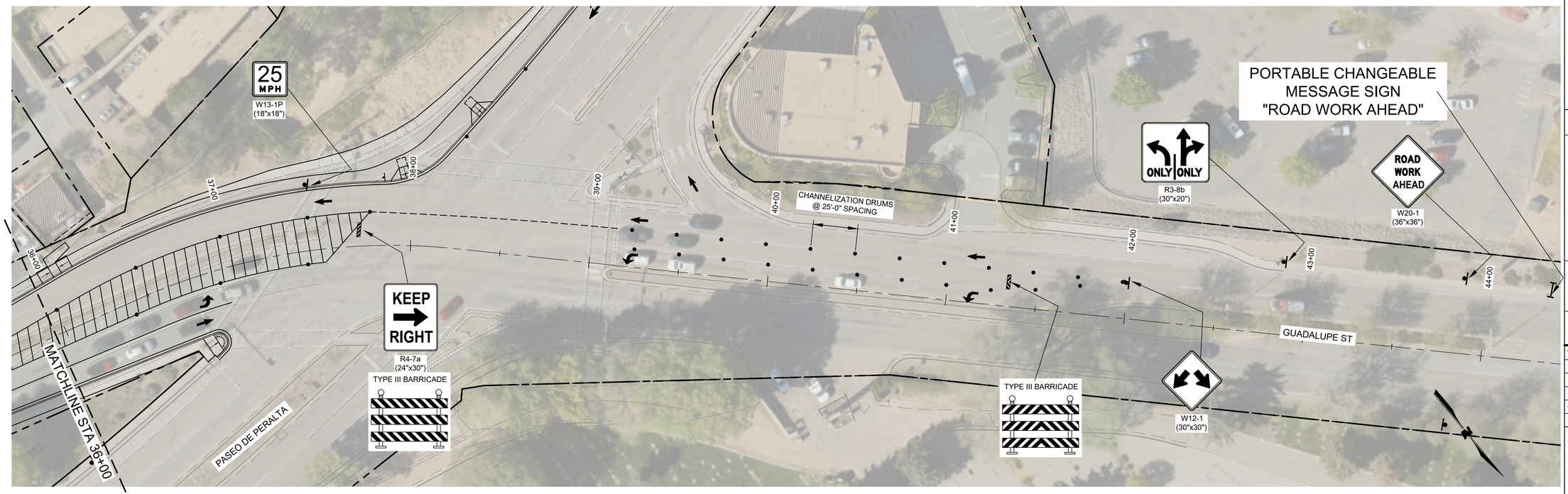
M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS07.dwg

7/28/2022



E1 TEMPORARY TRAFFIC CONTROL PHASE IV

SCALE: 1" = 30'



A1 TEMPORARY TRAFFIC CONTROL PHASE IV

SCALE: 1" = 30'

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NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

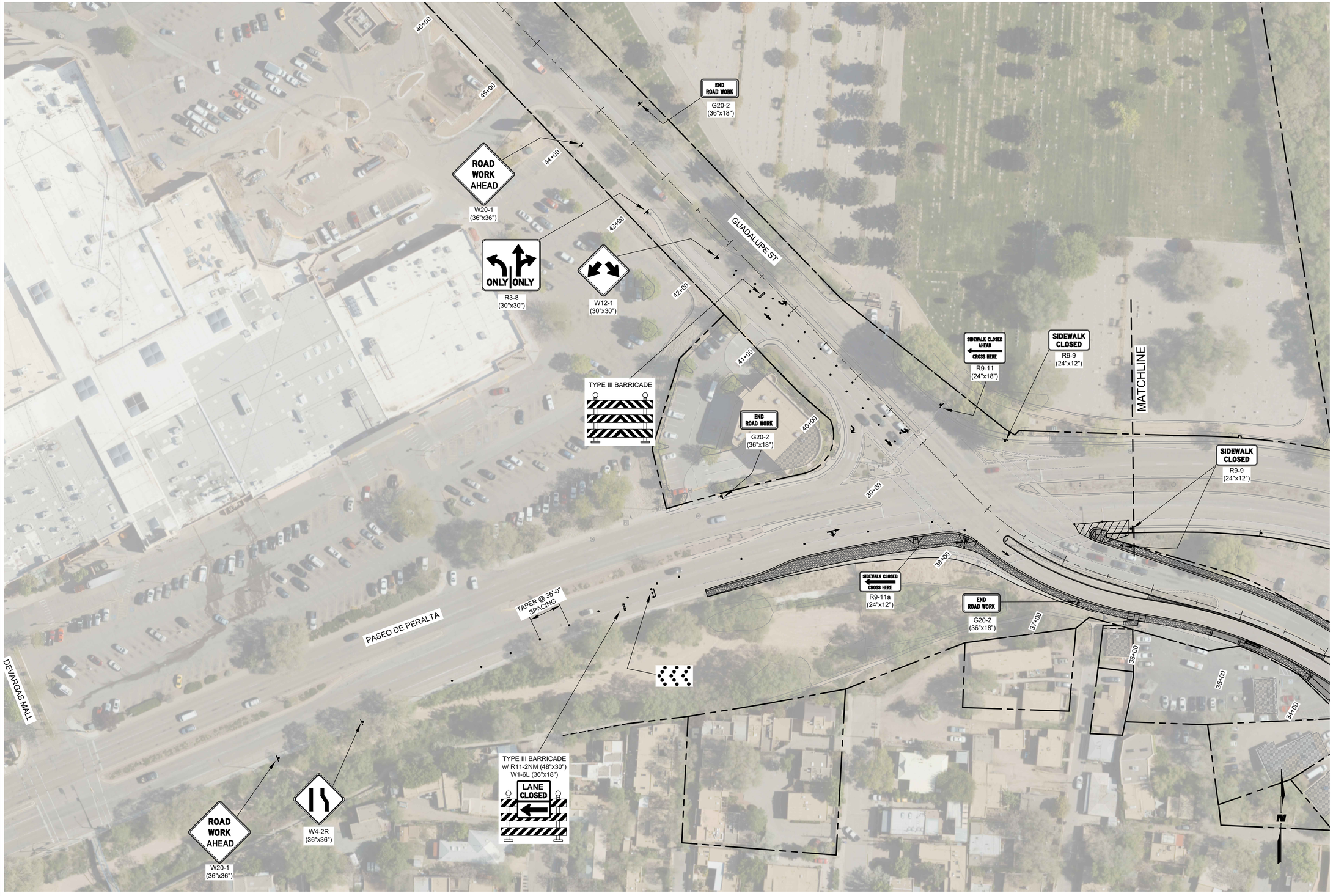
TEMPORARY TRAFFIC CONTROL PHASE IV

SHEET NO:

6-46

M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS07.dwg

7/28/2022



A1 TEMPORARY TRAFFIC CONTROL PHASE V-A

SCALE: 1" = 50'

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PHONE: 505-348-4000
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

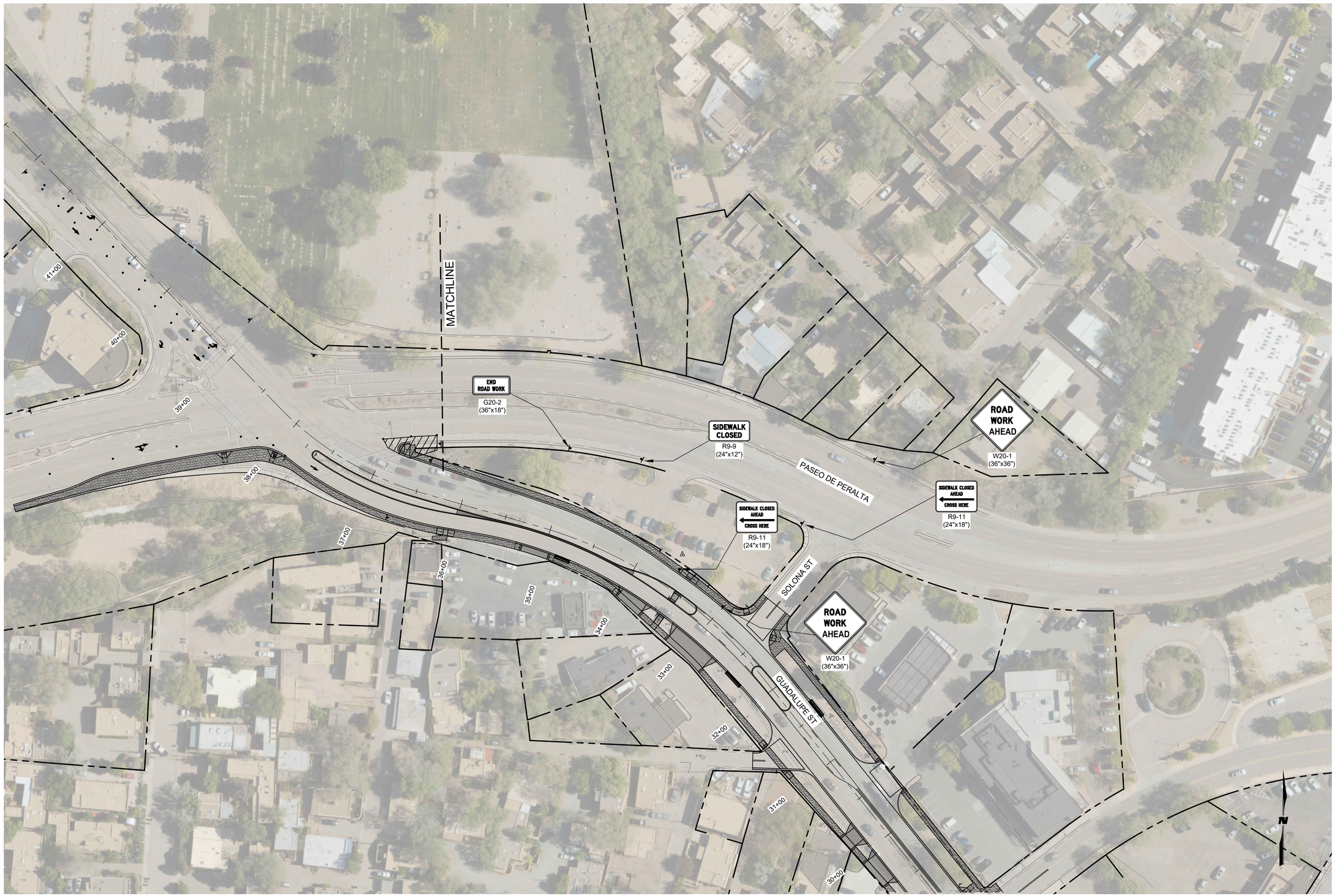
TEMPORARY TRAFFIC CONTROL PHASE V-A

SHEET NO:

6-47

M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS08b.dwg

7/28/2022



A1 TEMPORARY TRAFFIC CONTROL PHASE V-A

SCALE: 1" = 50'

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS08b.dwg

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CONSULTANTS

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TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

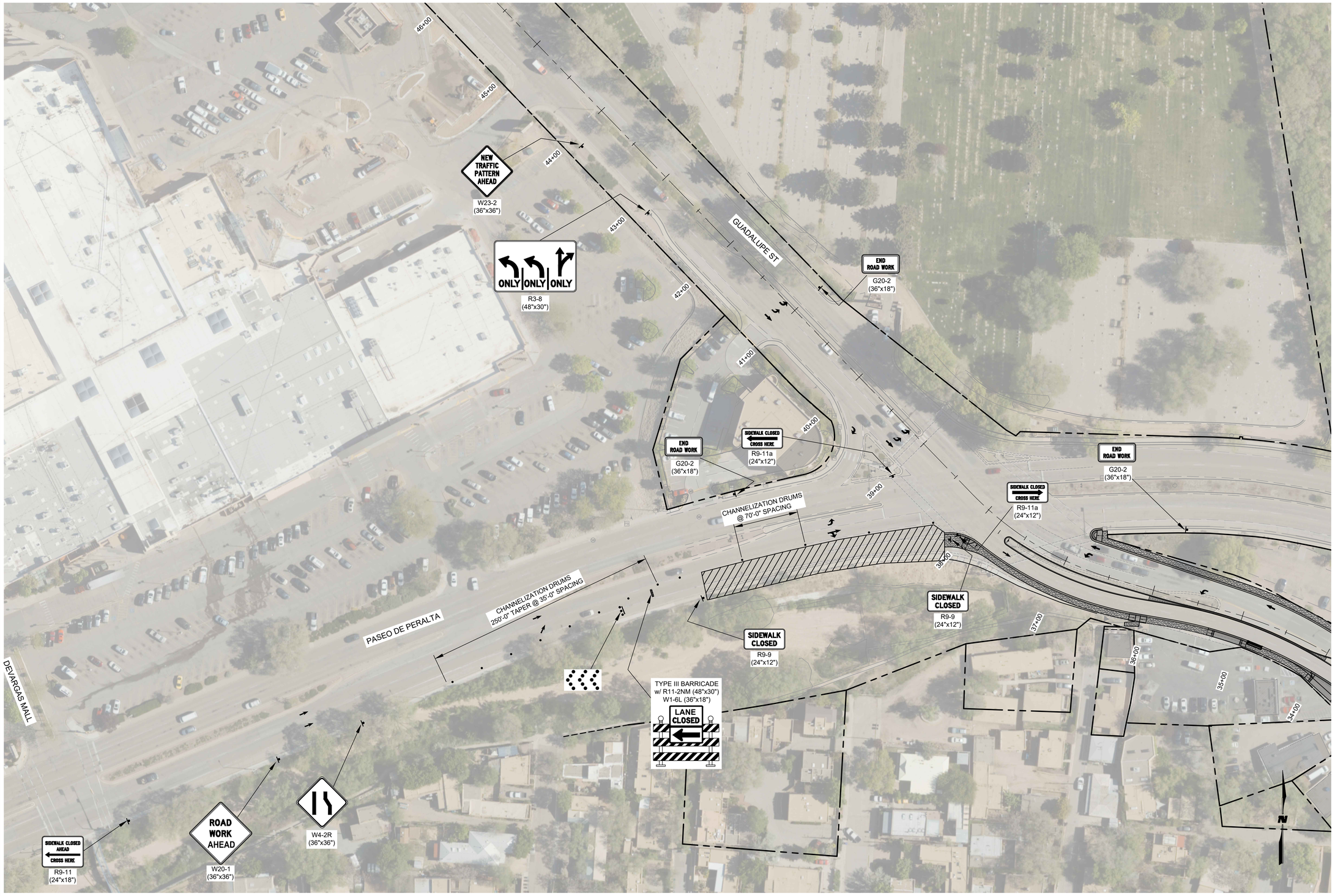
WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE V-A

SHEET NO:

6-48



A1 TEMPORARY TRAFFIC CONTROL PHASE V-B

SCALE: 1" = 50'

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ALBUQUERQUE, NM 87109
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CONSULTANTS

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TYLER J. ASHTON
NEW MEXICO
REGISTERED
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

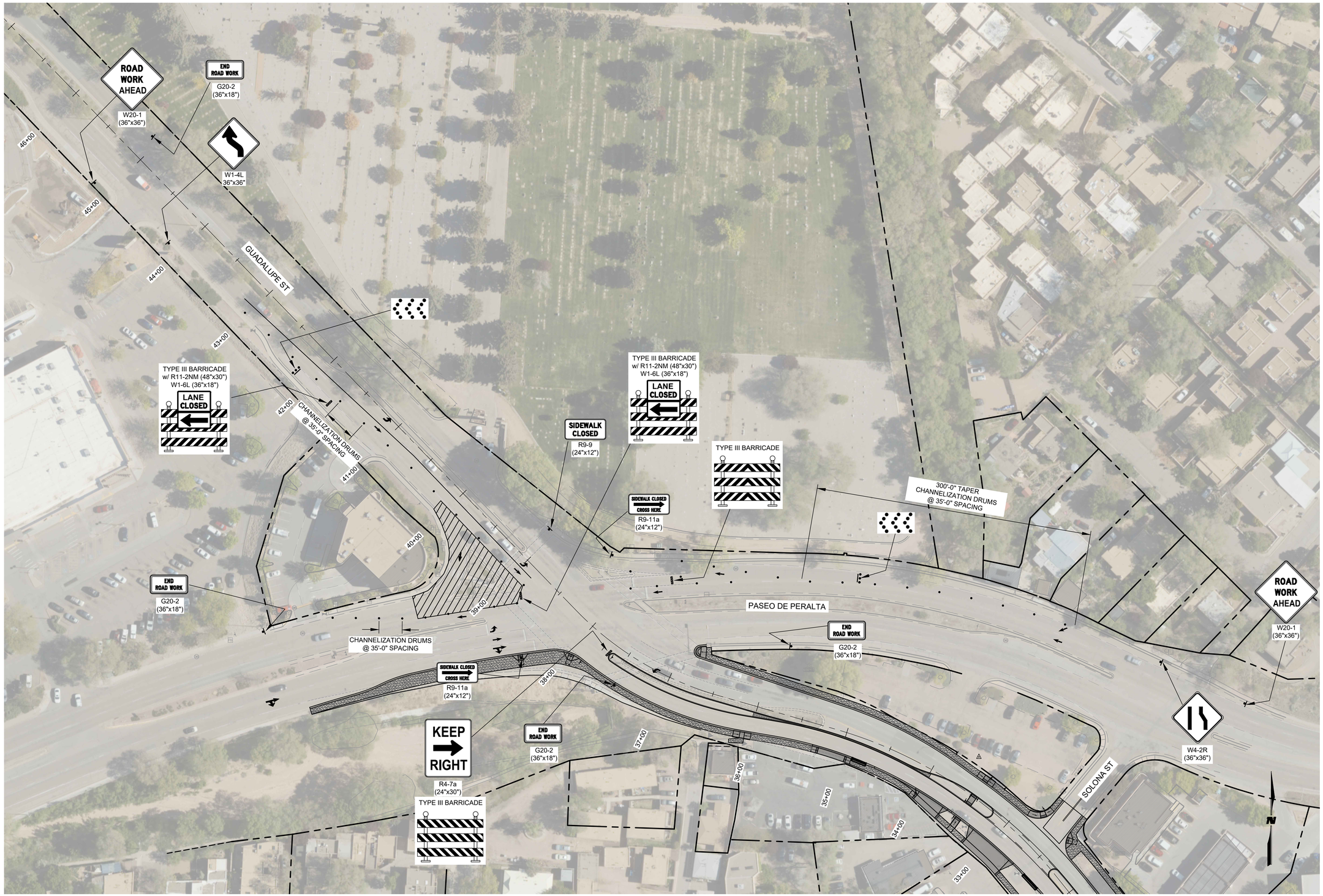
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE V-B

SHEET NO:

6-49

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS08.dwg



A1 TEMPORARY TRAFFIC CONTROL PHASE V-C

SCALE: 1" = 50'

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

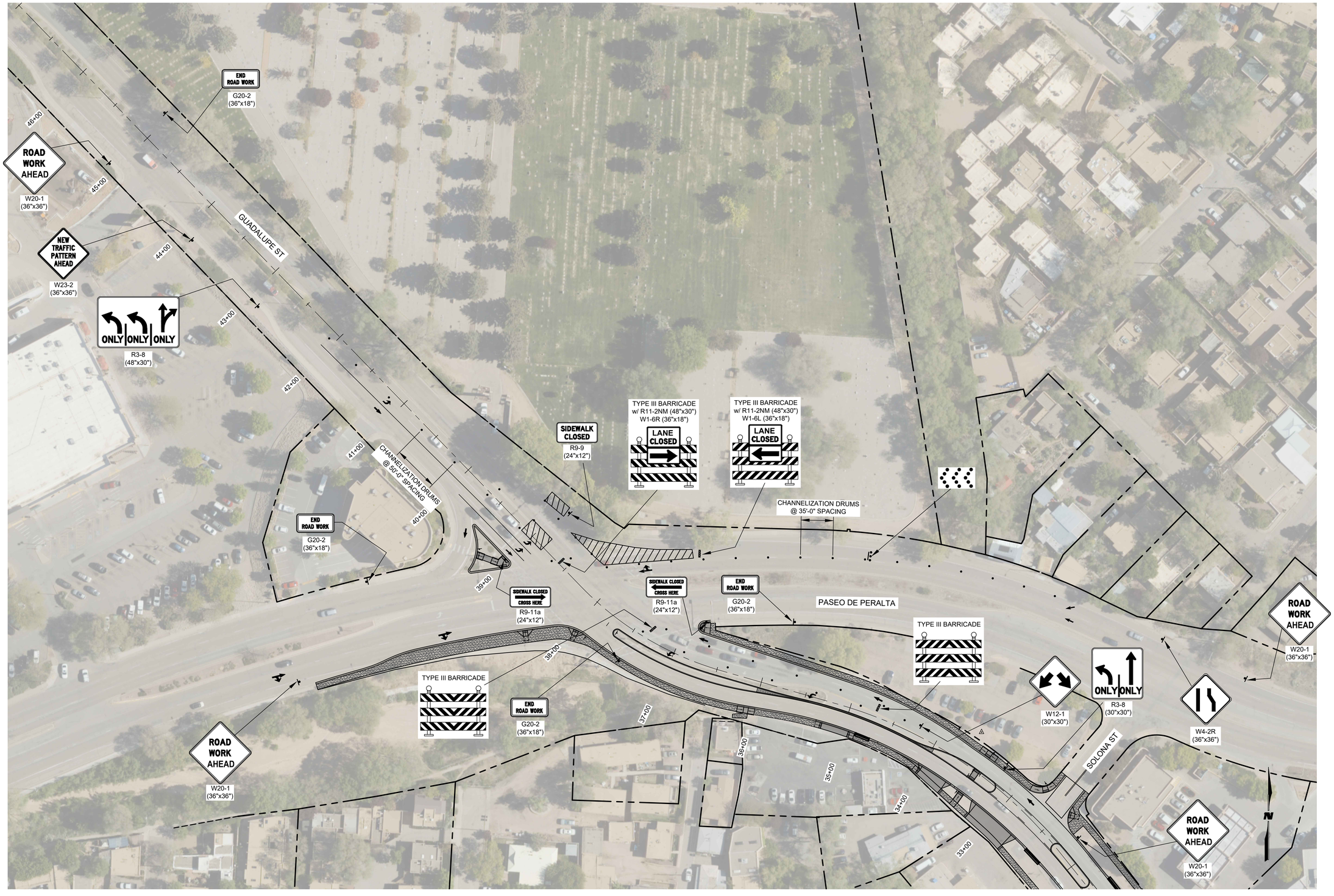
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE V-C

SHEET NO:

6-50

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\1760085_CS08c.dwg



A1 TEMPORARY TRAFFIC CONTROL PHASE V-D

SCALE: 1" = 50'

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ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE V-D

SHEET NO:

6-51

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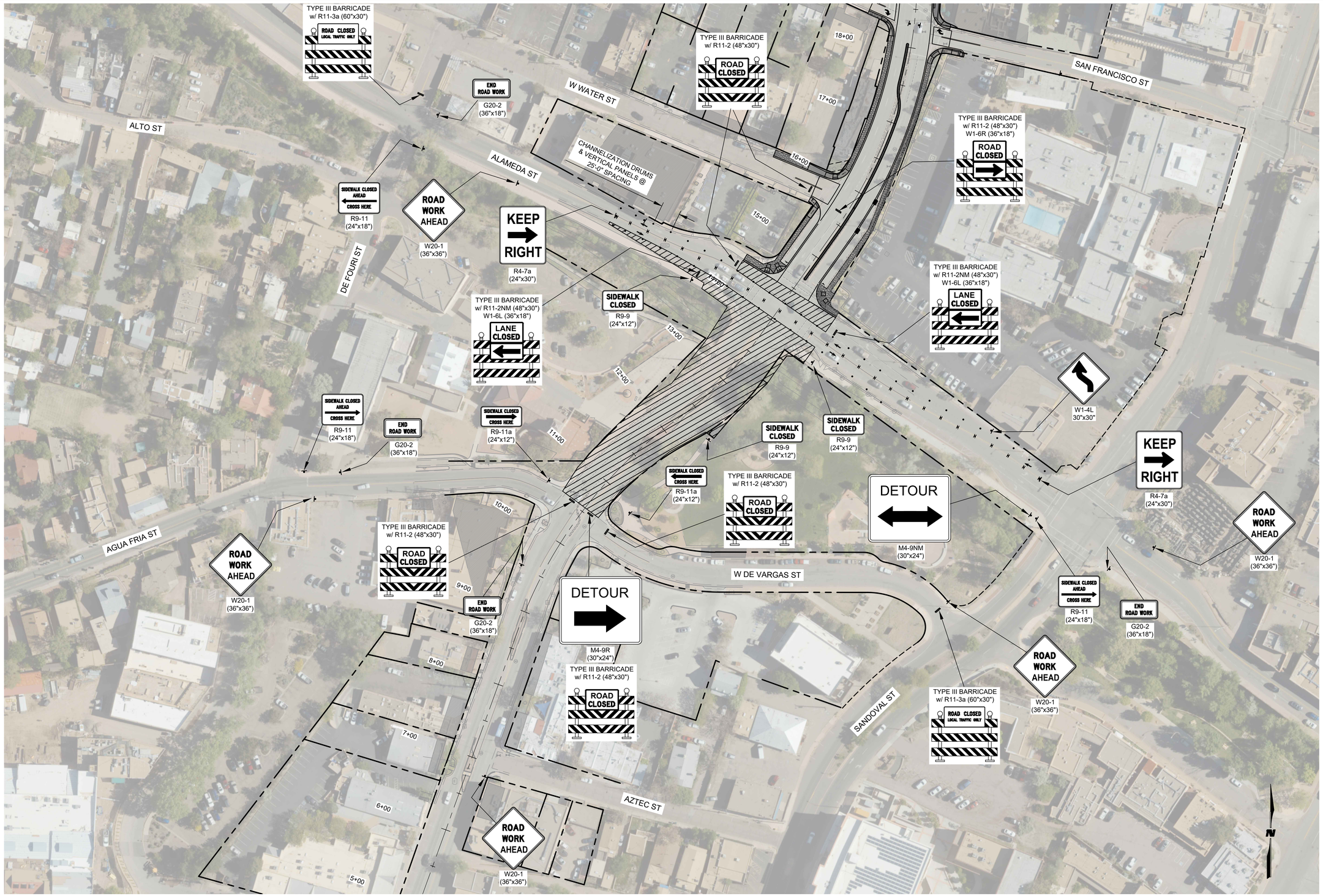
7/28/2022



A1 TEMPORARY TRAFFIC CONTROL PHASE VI-A

SCALE: 1" = 60'

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PHONE: 505-348-4000
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

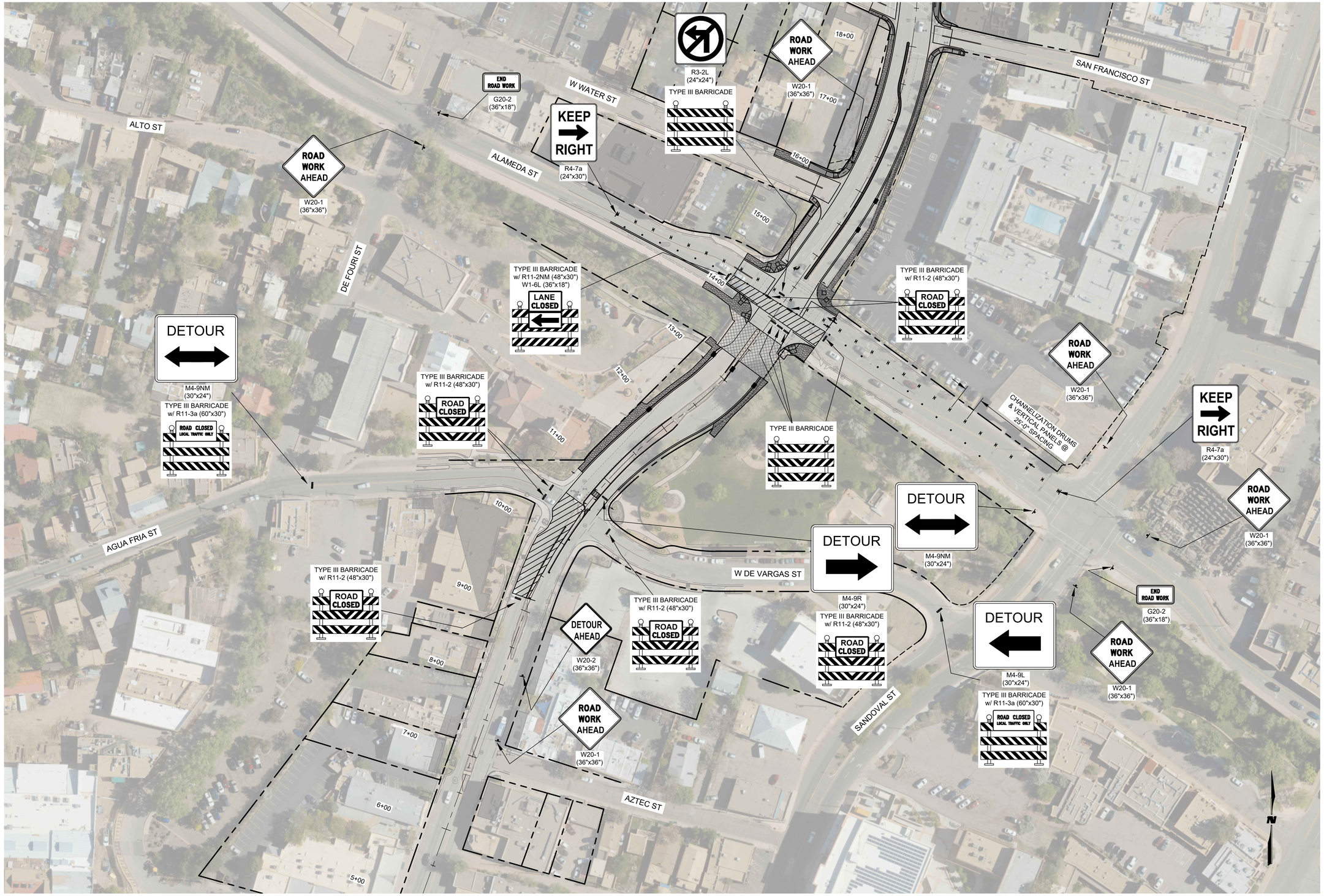
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE VI-A

SHEET NO:

6-52

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 6\176085_CS10a.dwg



A1 TEMPORARY TRAFFIC CONTROL PHASE VI-B

SCALE: 1" = 60'

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CONSULTANTS

SEAL

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NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

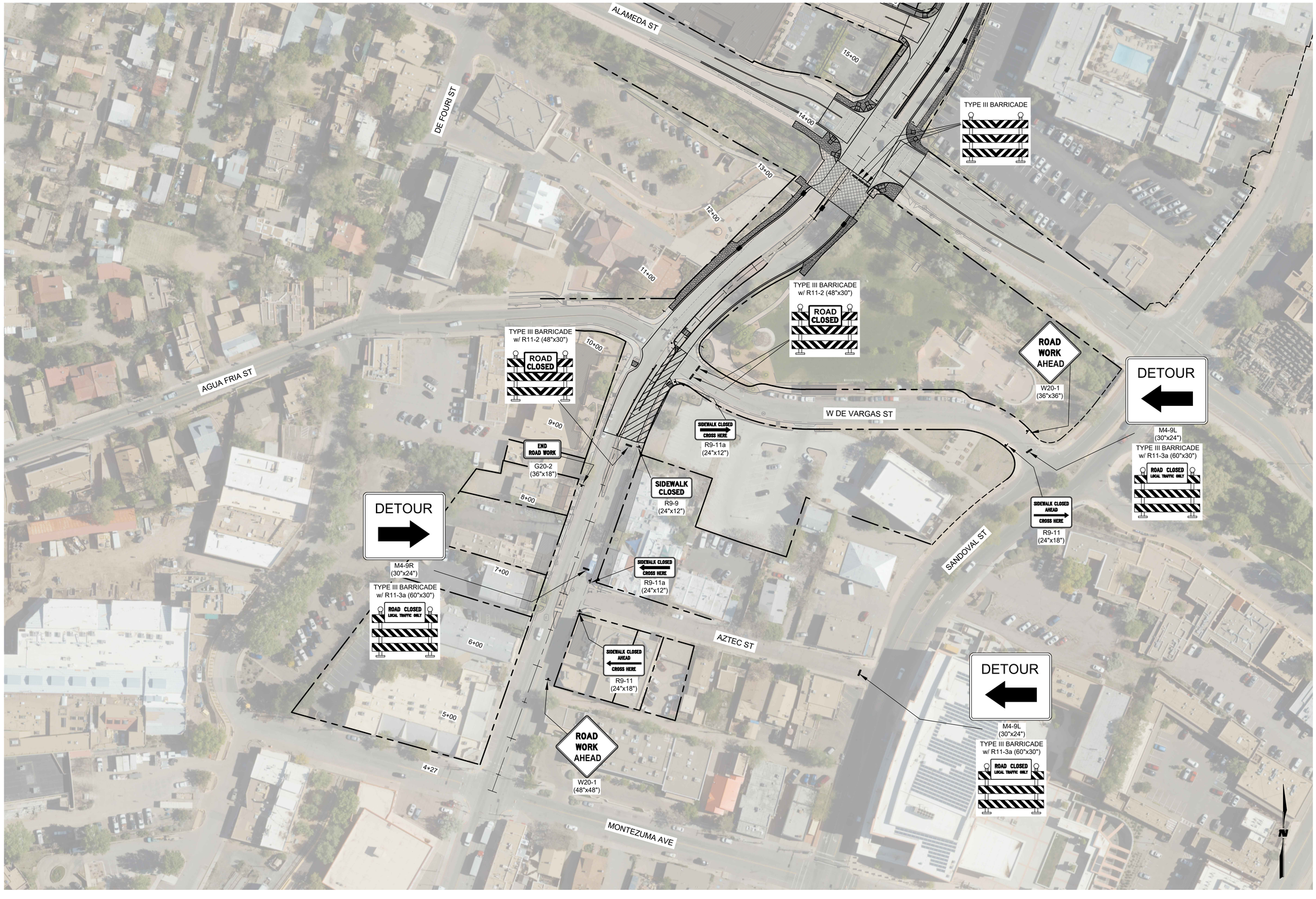
SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE VI-B

SHEET NO:

6-53

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 61\176085_CS10b.dwg



A1 TEMPORARY TRAFFIC CONTROL PHASE VI-C

SCALE: 1" = 60'

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PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

TEMPORARY TRAFFIC CONTROL PHASE VI-C

SHEET NO:

6-54

SIGNING NOTES:

1. ALL SIGNS, UNLESS SPECIFIED, SHALL HAVE TYPE IX SHEETING SHEETING FOR THE LEGEND, BORDER AND BACKGROUND. ONLY ALUMINUM PANEL, SIGNS ARE PERMITTED.
2. QUANTITIES MAY VARY AS FIELD CONDITIONS DICTATE. THE CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES USED.
3. POST LENGTHS ARE BASED ON A MINIMUM OF 7 FT. FOR URBAN SECTIONS AND 5 FT. FOR RURAL SECTIONS. THE LENGTHS ARE MEASURED FROM THE BOTTOM OF THE SIGN TO THE NEAR EDGE OF THE DRIVING LANE.
4. THE LATERAL CLEARANCE OF SIGNS SHALL BE NO CLOSER THAN 2 FT. FROM FACE OF CURB IN URBAN AREAS.
5. POST 21/4" WITH 21/2" BASE TYPICAL.
6. THREE 4 LB/FT SIGN POST INSTALLATION APPROVED ONLY IF THE SPAN BETWEEN THE OUTER POSTS EXCEEDS 84" (SIGN WIDTH OF 96" OR GREATER).
7. THE CONTRACTOR SHALL VERIFY ALL SIGNING IS NOT OBSTRUCTED BY LANDSCAPING ON THIS PROJECT. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE PLACEMENT OF ALL SIGNING WITH THE PLACEMENT OF LANDSCAPING PRIOR TO INSTALLATION OF ALL SIGNAGE.
8. ALL EXISTING SIGNS SHALL BE SALVAGED AS DIRECTED BY THE PROJECT MANAGER. EXCEPT WHERE INDICATED THAT EXISTING SIGNS ARE TO BE RESET.

STRIPING NOTES:

1. THE TWO WAY LEFT ARROWS SHALL COMPLY WITH THE M.U.T.C.D. 2009 EDITION SECT. 3B.04. USE A 16' SPACING BETWEEN ARROWS-SEE FIGURE 3B-7 PAGE 357.
2. ALL RAISED MEDIAN NOSE CURB FACES SHALL BE PAINTED WITH RETRO REFLECTIVE YELLOW PAINT.
3. PROVIDE A GAP IN SHOULDER STRIPE AT DRIVEWAY ENTRANCES. 5. ALL STRIPING SHALL BE TWO COATS HIGH BUILD.

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NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

PERMANENT
SIGNING & STRIPING
GENERAL NOTES

SHEET NO:

7-1

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 7\176085_PS01.dwg

PERMANENT SIGNING QUANTITIES (701000)				701100										701100	
SIGN CODE	SIGN AREA (SF)	NO OF SIGNS	TOTAL SIGN AREA (SF)	POST LENGTHS				MOUNTING REQUIREMENTS DRIVE DOWN/ANCHOR POSTS						BASE POSTS	NOTES
				LEFT (LF)	CENTER (LF)	RIGHT (LF)	TOTAL (LF)	1 3/4 x 1 3/4	2 X 2	2 1/4 x 2 1/4	2 3/16 x 2 3/16	2 1/2 x 2 1/2	NO.	TOTAL LENGTH	
R1-1 (36"x36")	9.0	6	54.0		10.0		60.0						6	21	
R1-5 (36"x36")	9.0	4	36.0		10.0		40.0						4	14	
R3-2L (24"x24")	4.0	4	16.0		9.0		36.0						4	14	
R3-17 (24"x18")	3.0	1	3.0		8.5		8.5						1	3.5	
R3-17B (24"x8")	1.3	1	1.3		7.7		7.7						1	3.5	
R4-7 (24"x30")	5.0	2	10.0		9.5		19.0						2	7	
R6-1R (36"x12")	3.0	2	6.0		8.0		16.0						2	7	
S1-1 (36"x36")	9.0	2	18.0		10.0		20.0						2	7	
W11-2 (30"x30")	6.3	16	100.0		9.5		152.0						16	56	
W16-7P-R (12"x36")	3.0	8	24.0		10.0		80.0						8	28	
W16-7P-L (12"x36")	3.0	10	30.0		10.0		100.0						10	35	
SP-1 (73"x18") N GUADALUPE ST	9.1	4	36.5												MOUNT ON MASTARM
SP-2 (66"x18") GUADALUPE ST	8.3	2	16.5												MOUNT ON MASTARM
SP-3 (95"x18") PASEO DE PERALTA	11.9	2	23.8												MOUNT ON MASTARM
SP-4 (126"x18") W SAN FRANCISCO ST	15.8	2	31.5												MOUNT ON MASTARM
SP-5 (54"x27") CATRON ST / PARK AVE	10.1	1	10.1												MOUNT ON MASTARM
SP-6 (54"x27") PARK AVE / CATRON ST	10.1	1	10.1												MOUNT ON MASTARM
SP-7 (65"x18") W ALAMEDA ST	8.1	2	16.3												MOUNT ON MASTARM
SP-8 (33"x12") W WATER ST	2.8	1	2.8		8.0		8.0						1	3.5	MOUNT WITH R1-1
SP-9 (36"x12") JEFFERSON ST	3.0	1	3.0		8.0		8.0						1	3.5	MOUNT WITH R1-1
SP-10 (23"x12") JOSE ST	1.9	1	1.9		8.0		8.0						1	3.5	MOUNT WITH R1-1
SP-11 (38"x12") AGUA FRIA ST	3.2	1	3.2		8.0		8.0						1	3.5	MOUNT WITH R1-1
SP-12 (33"x12") JOHNSON ST	2.8	1	2.8		8.0		8.0						1	3.5	MOUNT WITH R1-1
SP-13 (44"x12") W DE VARGAS ST	3.7	1	3.7		8.0		8.0						1	3.5	MOUNT WITH R1-1
SP-14 (28"x12") SOLONA ST	2.3	1	2.3		8.0		8.0						1	3.5	MOUNT WITH R1-1
SP-15 (30"x8") N GUADALUPE ST	1.7	4	6.7		7.7		30.7						4	14	MOUNT WITH R1-1
SP-16 (30"x8") S GUADALUPE ST	1.7	2	3.3		7.7		15.3						2	7	MOUNT WITH R1-1
SP-17 (25"x8") MCKENZIE ST	1.4	1	1.4		7.7		7.7						1	3.5	MOUNT WITH R1-1
SP-18 (25"x8") JEFFERSON ST	1.4	1	1.4		7.7		7.7						1	3.5	MOUNT WITH R1-1
	TOTAL		475.4				656.5							248.5	
	USE		**480**				**660**							**250**	

WILSON & COMPANY
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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

PERMANENT SIGNING & STRIPING QUANTITIES

SHEET NO:

7-2

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 7\1760085_PS02.dwg

STATION	TO	STATION	LOCATION	PERMANENT STRIPING 704150 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE), 4" SOLID WHITE	704150 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE), 4" BROKEN WHITE (2' STRIPE, 2' GAP)	704150 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE), 4" SOLID YELLOW	704150 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE), 4" BROKEN YELLOW (2' STRIPE, 4' GAP)	704150 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE), 4" BROKEN WHITE (2' STRIPE, 4' GAP)	704152 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE), 8" *	704150 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE), 4" BROKEN YELLOW (10' STRIPE, 30' GAP)	704154 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE) 24"	704166 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE) YIELD	704158 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE), ARROW RIGHT *	704160 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE), ARROW LEFT **	704164 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE), WORD "ONLY" *	704156 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE) COMBINATION (THRU AND RIGHT) ARROW	704162 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE), ARROW THRU *	704168 RETROREFLECTORIZED PREFORMED PLASTIC MARKING (TAPE), BIKE SYMBOL **
				LF	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA
09+16.66		45+00.00	GUADALUPE ST	6165	684	736	272	505	122	751	142	43	7	27	15	8	16	19
PROJECT SUBTOTAL				6165	684	736	272	505	122	751	142	43	7	27	15	8	16	19
4" EQUIVALENT QUANTITIES**				6165	342	1472	90	167	244	188	852	43						
PROJECT TOTAL - MULTIPLY LONG LINE ABOVE BY 2 ***				12329	684	2945	179	334	487	375	1704	86						
PROJECT USE ***				**12330**	**690**	**2950**	**180**	**340**	**490**	**380**	**1710**	**90**	**7**	**27**	**15**	**8**	**16**	**19**

REMOVE AND RESET PANEL SIGN			
ITEM NO. 701030			
STATION	***OFFSET***	***UNITS (EACH)***	***DESCRIPTION***
11+36.40	41.14' LT	1	RIGHT TURN
12+42.40	40.77' LT	1	MERGE LEFT
12+88.75	43.14' RT	1	BUS STOP
13+13.45	39.33' LT	1	SPEED LIMIT
13+33.70	44.97' RT	1	SANTA FE RIVER
13+70.00	38.13' LT	1	SANTA FE RIVER
15+17.38	41.86' LT	1	100 N GUADALUPE ST
15+28.46	41.70' RT	1	SPEED LIMIT
16+40.08	31.90' RT	1	SANTA FE INFO
17+87.52	25.53' RT	1	SANTE FE INFO
19+78.71	31.19' RT	1	SPEED LIMIT
21+61.43	32.27' RT	1	SANTA FE INFO
23+21.02	26.93' RT	1	SPEED LIMIT
34+57.75	35.34' RT	1	CONSTRUCTION
35+14.90	38.90' RT	1	ADVANCED ARROW
PROJECT TOTAL		15	
PROJECT USE		**15**	

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07/29/2022

PROJECT NAME
GUADALUPE ST
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SANTA FE, NM
CIP # 801B

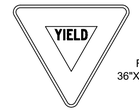
BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
PERMANENT SIGNING & STRIPING QUANTITIES

SHEET NO:
7-3

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 7\176085_PS02.dwg



R1-2
36"X36"X36"



R3-17A
24"x8"



R6-1-R
36"x12"

H8 SIGN "S"
SCALE: NTS

H9 SIGN "M"
SCALE: NTS

H10 SIGN "F"
SCALE: NTS



R4-11
(30"x30")



R1-5-R
36"X36"



R1-5-L
36"X36"

G8 SIGN "R"
SCALE: NTS

G9 SIGN "L"
SCALE: NTS

G10 SIGN "E"
SCALE: NTS



R3-4
36"x36"



R3-17
24"x18"



R3-2-L
24"x24"

E8 SIGN "Q"
SCALE: NTS

E9 SIGN "K"
SCALE: NTS

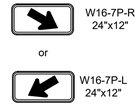
E10 SIGN "D"
SCALE: NTS



R3-1
36"x36"



R3-17B
24"x8"



D8 SIGN "P"
SCALE: NTS

D9 SIGN "J"
SCALE: NTS

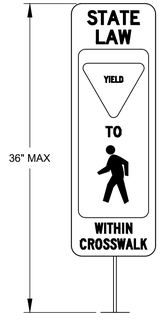
D10 SIGN "C"
SCALE: NTS



R4-7
24"x30"



W11-2
30"x30"



36" MAX

R1-6
12"X36"

B9 SIGN "H"
SCALE: NTS

B10 SIGN "B"
SCALE: NTS



R3-8
42"x30"



S1-1
36"x36"



R1-1
36"x36"

A7 SIGN "T"
SCALE: NTS

A8 SIGN "N"
SCALE: NTS

A9 SIGN "G"
SCALE: NTS

A10 SIGN "A"
SCALE: NTS

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SHEET TITLE

PERMANENT SIGN FACE DETAILS

SHEET NO:

7-4

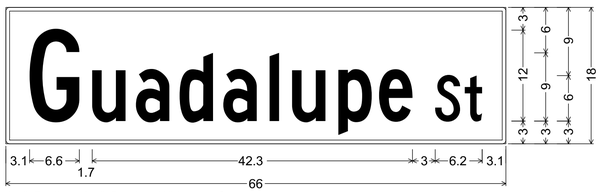
7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 7\176085_PS04.dwg

SP-1



0.5" Radius, 0.5" Border, White on Green;
[N] C 60% spacing; [Guadalupe] C 60% spacing; [St] C 60% spacing;

SP-2



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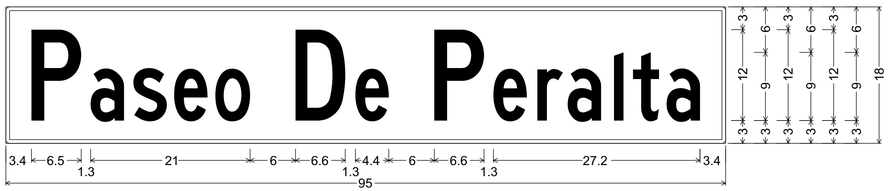
[Guadalupe] C 60% spacing; [St] C 60% spacing;

SP-3



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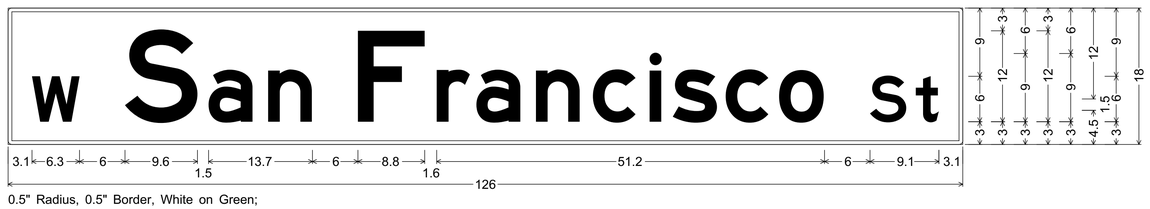
[Paseo] C 60% spacing; [De] C 60% spacing; [Peralta] C 60% spacing;

SP-4



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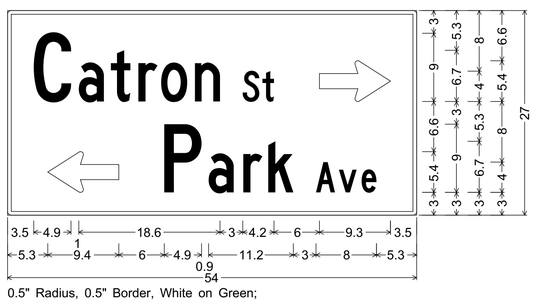
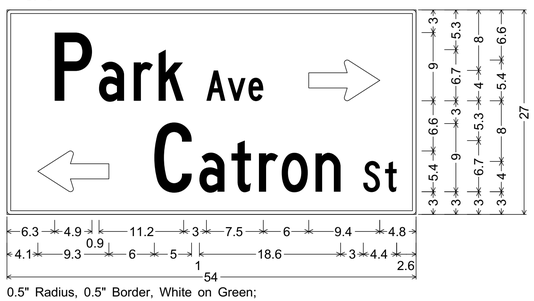
[W] E; [San] E 60% spacing; [Francisco] E 60% spacing; [St] E;

SP-5



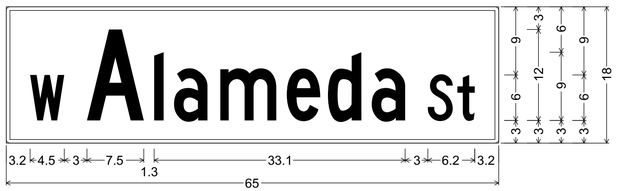
0.5" Radius, 0.5" Border, White on Green;
[Catron] C 60% spacing; [St] C 60% spacing;
Standard Arrow Custom 9.4" X 5.4" 0°;
Standard Arrow Custom 9.4" X 5.4" 180°; [Park] C 60% spacing;
[Ave] C;

SP-6



0.5" Radius, 0.5" Border, White on Green;
[Park] C 60% spacing; [Ave] C 60% spacing;
Standard Arrow Custom 9.4" X 5.4" 0°;
Standard Arrow Custom 9.4" X 5.4" 180°;
[Catron] C 60% spacing; [St] C;

SP-7



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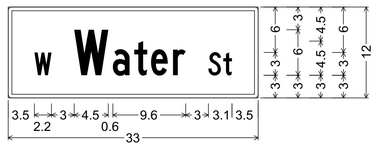
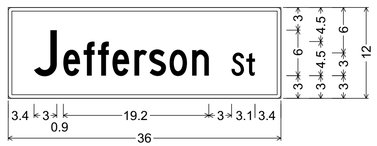
[W] C 60% spacing; [Alameda] C 60% spacing; [St] C 60% spacing;

SP-8



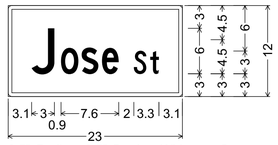
0.5" Radius, 0.5" Border, White on Green;
[W] C 60% spacing;
[Water] C 60% spacing;
[St] C 60% spacing;

SP-9



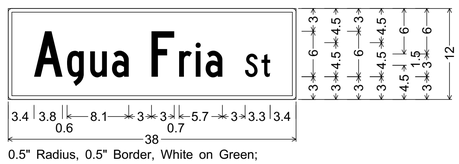
0.5" Radius, 0.5" Border, White on Green;
[Jefferson] C 60% spacing;
[St] C 60% spacing;

SP-10



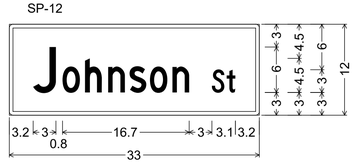
0.5" Radius, 0.5" Border, White on Green;
[Jose] C 60% spacing;
[St] C;

SP-11



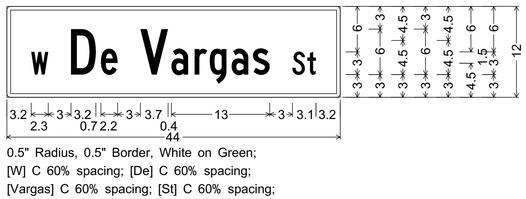
0.5" Radius, 0.5" Border, White on Green;
[Agua] C 60% spacing; [Fria] C 60% spacing;
[St] C;

SP-12



0.5" Radius, 0.5" Border, White on Green;
[Johnson] C 60% spacing;
[St] C 60% spacing;

SP-13



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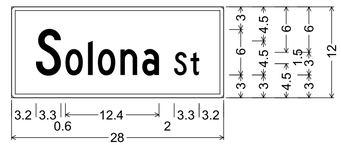
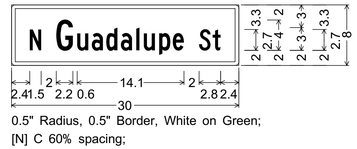
[W] C 60% spacing; [De] C 60% spacing;
[Vargas] C 60% spacing; [St] C 60% spacing;

SP-14



0.5" Radius, 0.5" Border, White on Green;
[Solona] C 60% spacing; [St] C;

SP-15



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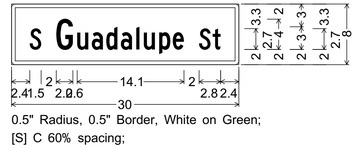
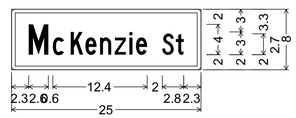
[N] C 60% spacing;
[Guadalupe] C 60% spacing;
[St] C 60% spacing;

SP-16



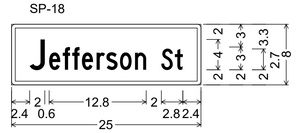
0.5" Radius, 0.5" Border, White on Green;
[S] C 60% spacing;
[Guadalupe] C 60% spacing;
[St] C 60% spacing;

SP-17



0.5" Radius, 0.5" Border, White on Green;
[McKenzie] C 60% spacing;
[St] C 60% spacing;

SP-18



0.5" Radius, 0.5" Border, White on Green;
[Jefferson] C 60% spacing;
[St] C 60% spacing;

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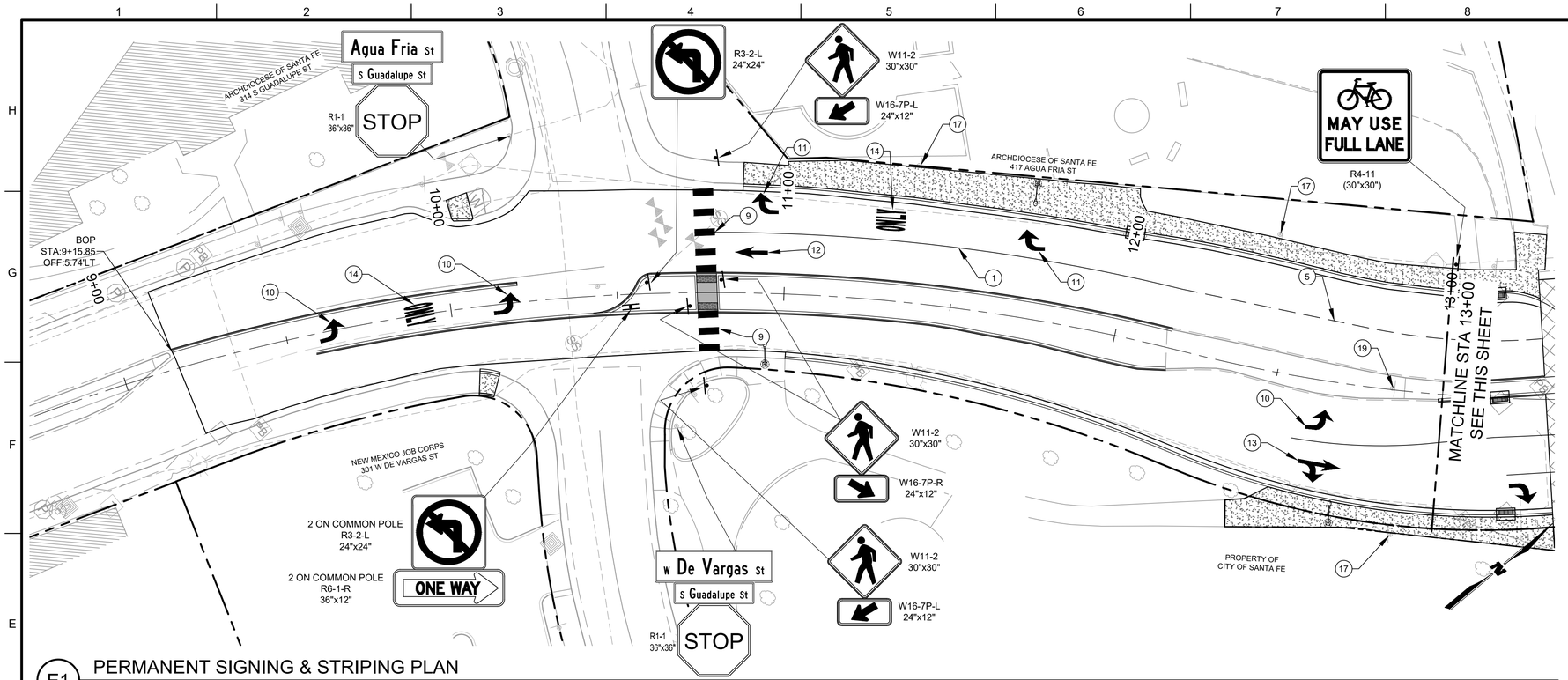
SHEET TITLE

PERMANENT SIGN FACE DETAILS

SHEET NO:

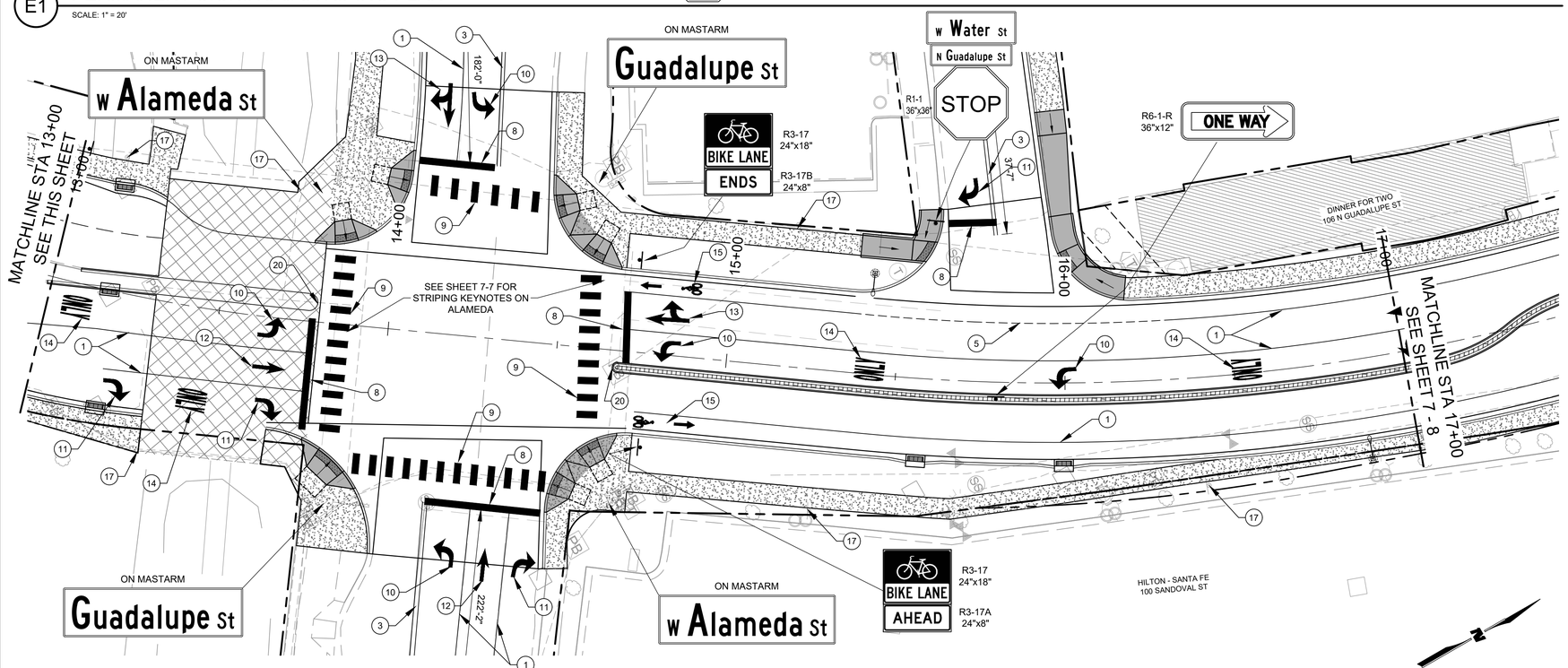
7-5

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 7\176085_PS04.dwg



E1 PERMANENT SIGNING & STRIPING PLAN

SCALE: 1" = 20'



A1 PERMANENT SIGNING & STRIPING PLAN

SCALE: 1" = 20'

GENERAL SHEET NOTES

1. SEE SHEET 7-5 FOR STREET SIGN DIMENSIONS.

KEYNOTES

1. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - 4" SOLID SINGLE WHITE
2. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - 4" DASHED WHITE (2' STRIPE, 4' GAP)
3. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - 4" SOLID DOUBLE YELLOW
4. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - 4" DASHED YELLOW (2' STRIPE, 4' GAP)
5. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - 4" DASHED WHITE (2' STRIPE, 2' GAP)
6. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - CHEVRON STRIPING (4" SOLID WHITE BORDER; 8" SOLID WHITE CHEVRON SPACED AT 10'-0")
7. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - 4" SOLID SINGLE YELLOW (OUTER) & DASHED YELLOW (10' STRIPE, 30' GAP)(INNER) - MEDIAN
8. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - 24" SOLID SINGLE WHITE (STOP BAR)
9. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - 24" SOLID SINGLE WHITE (CROSSWALK)
10. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - LEFT ARROW
11. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - RIGHT ARROW
12. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - THRU ARROW
13. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - COMBINATION RIGHT/THRU ARROW
14. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) WORD (ONLY)
15. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) BIKE SYMBOL (BIKEWAY)
16. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - YIELD TRIANGLE (24"x36") - WHITE
17. REMOVE AND RESET SIGN
18. REMOVE AND SALVAGE SIGN. CITY OF SANTA FE HAS FIRST RIGHT OF REFUSAL.
19. SIGN TO REMAIN
20. PAINT MEDIAN TIP - YELLOW

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

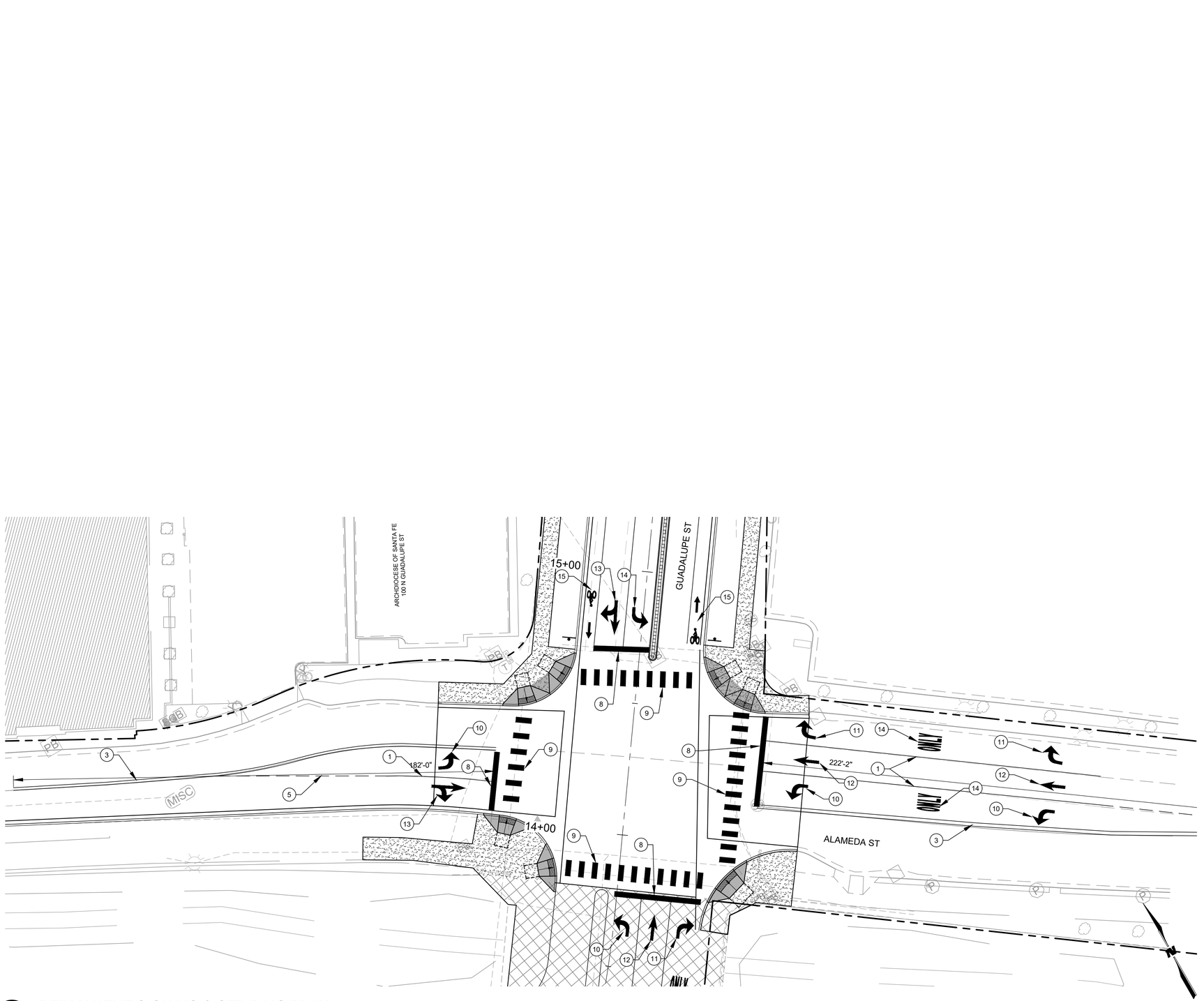
SHEET TITLE

PERMANENT SIGNING & STRIPING PLAN

SHEET NO:

7-6

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 7\176085_PS03.dwg



A1 PERMANENT SIGNING & STRIPING PLAN

SCALE: 1" = 20'

GENERAL SHEET NOTES

1. SEE SHEET 7-5 FOR STREET SIGN DIMENSIONS.

KEYNOTES

1. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - 4" SOLID SINGLE WHITE
2. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - 4" DASHED WHITE (2' STRIPE, 4' GAP)
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16. RETROREFLECTIVE PREFORMED PLASTIC MARKING (TAPE) - YIELD TRIANGLE (24"x36") - WHITE
17. REMOVE AND RESET SIGN
18. REMOVE AND SALVAGE SIGN. CITY OF SANTA FE HAS FIRST RIGHT OF REFUSAL.
19. SIGN TO REMAIN
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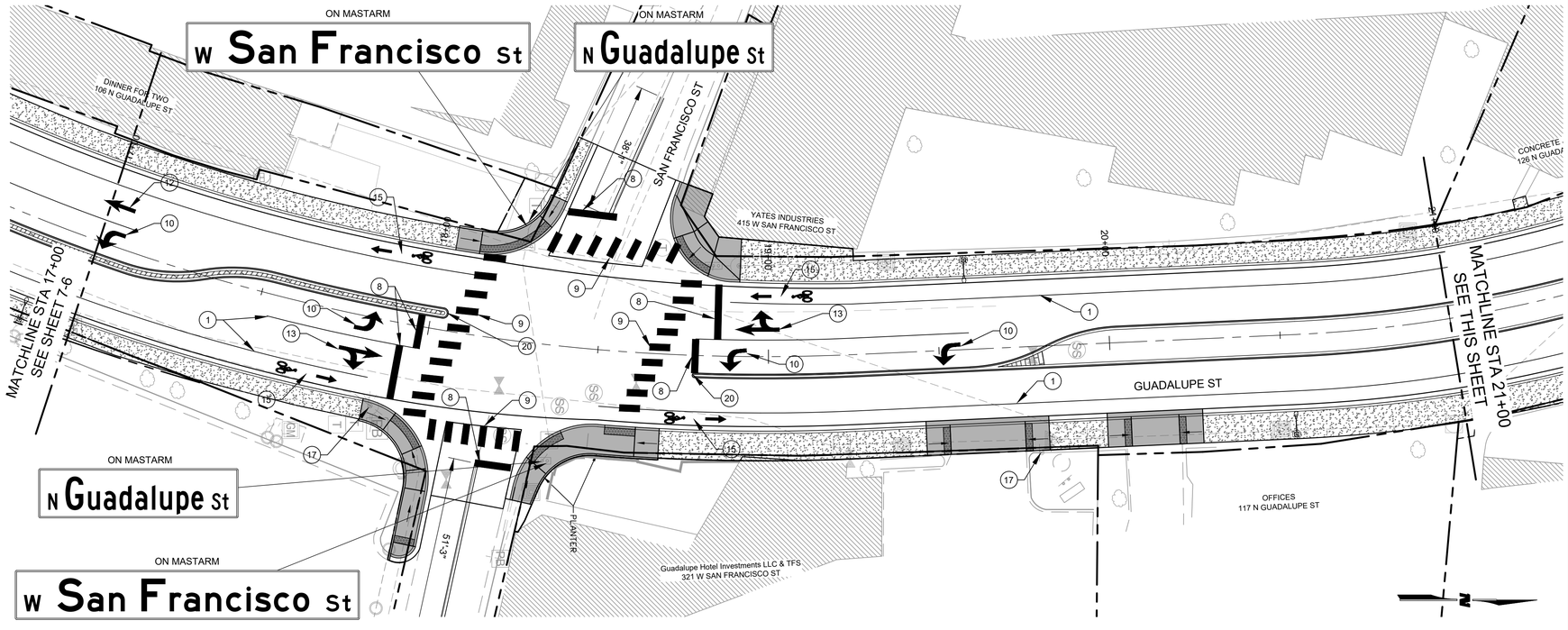
PERMANENT SIGNING & STRIPING PLAN

SHEET NO:

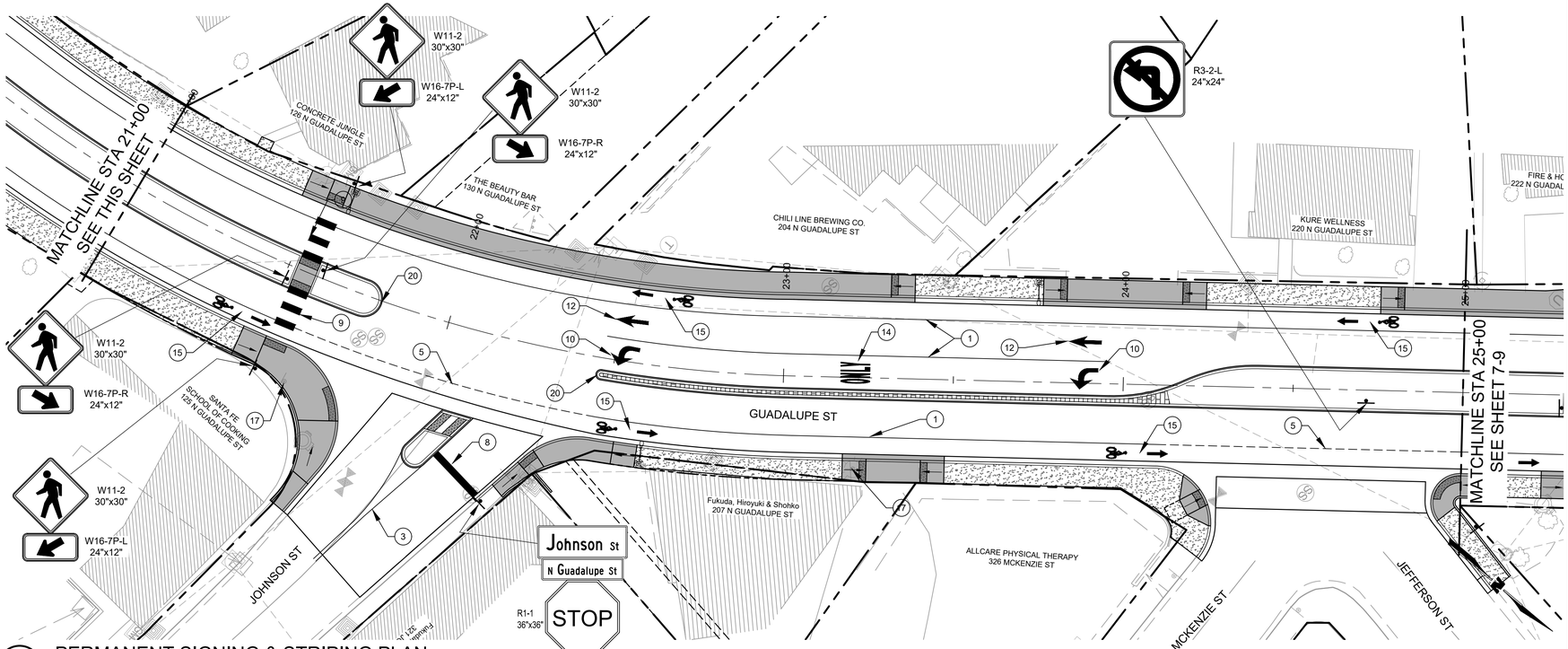
7-7

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 7\1760085_PS03.dwg



E1 PERMANENT SIGNING & STRIPING PLAN

SCALE: 1" = 20'



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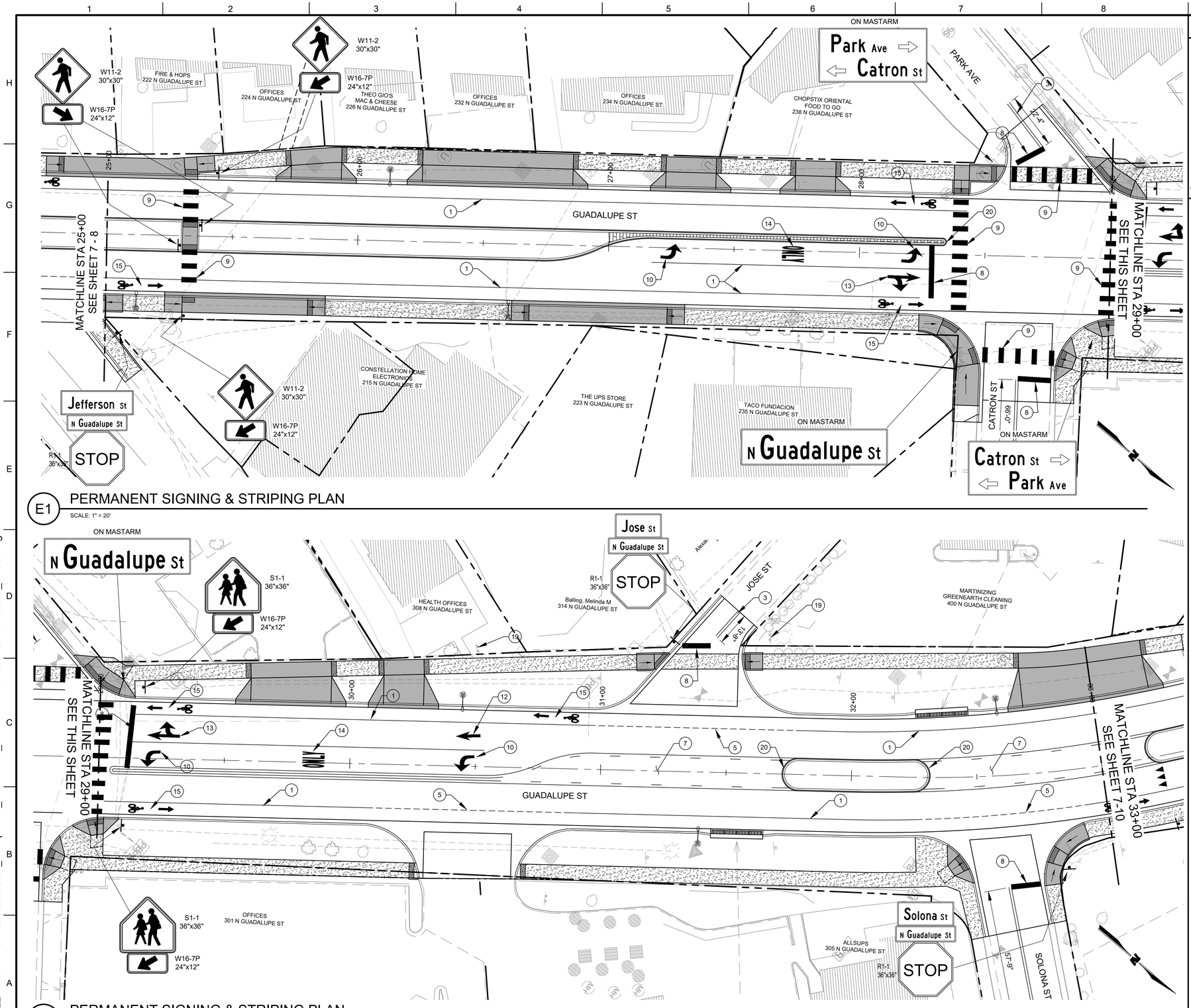
PERMANENT SIGNING & STRIPING PLAN

SHEET NO:

7-8

8/18/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 7\176085_PS03.dwg



E1 PERMANENT SIGNING & STRIPING PLAN

SCALE: 1" = 20'

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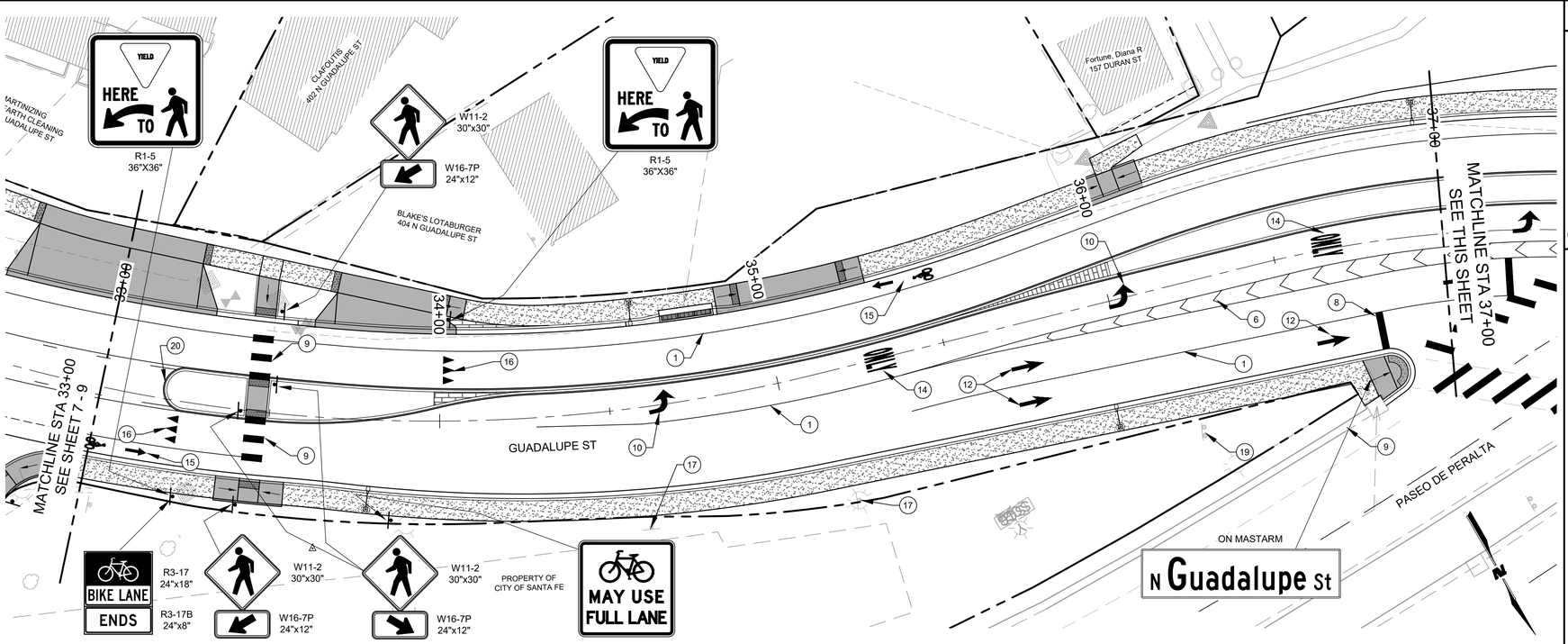

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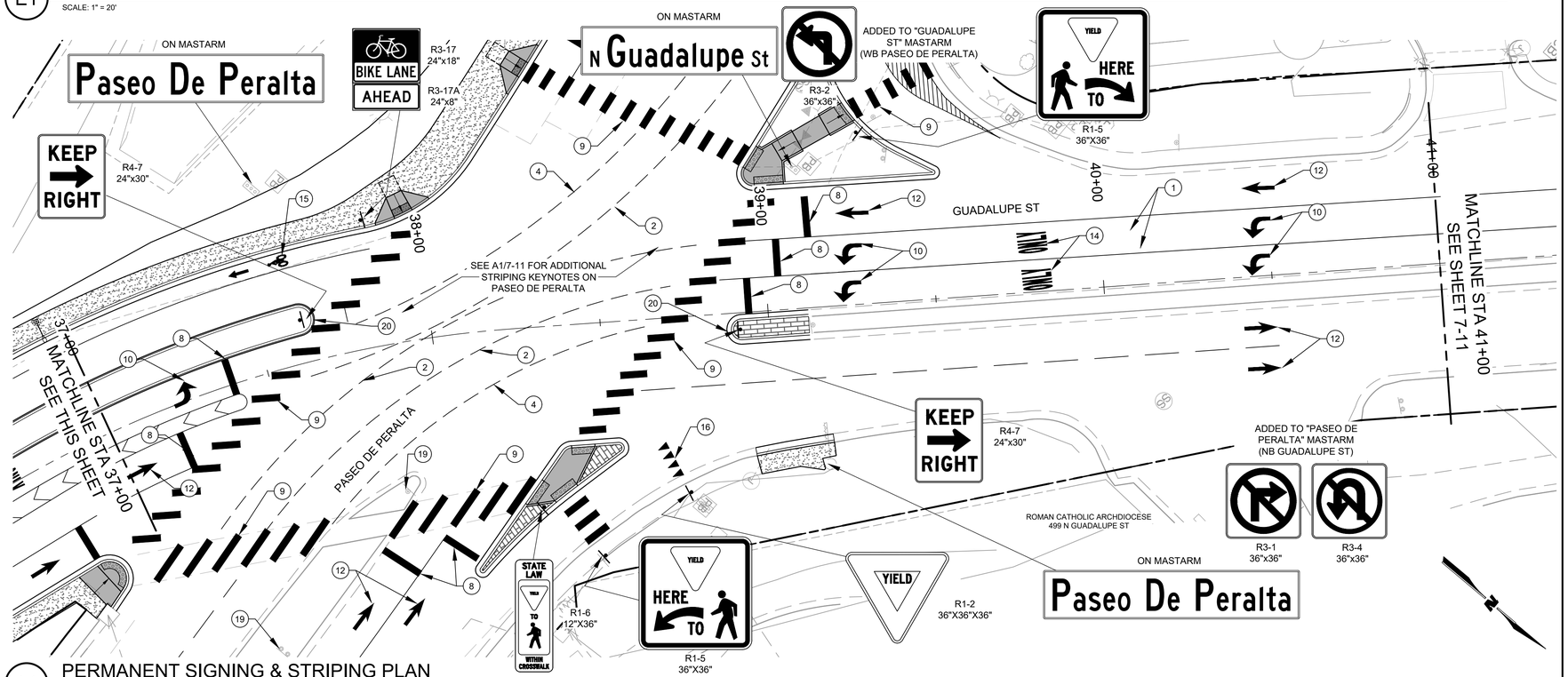

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7-10

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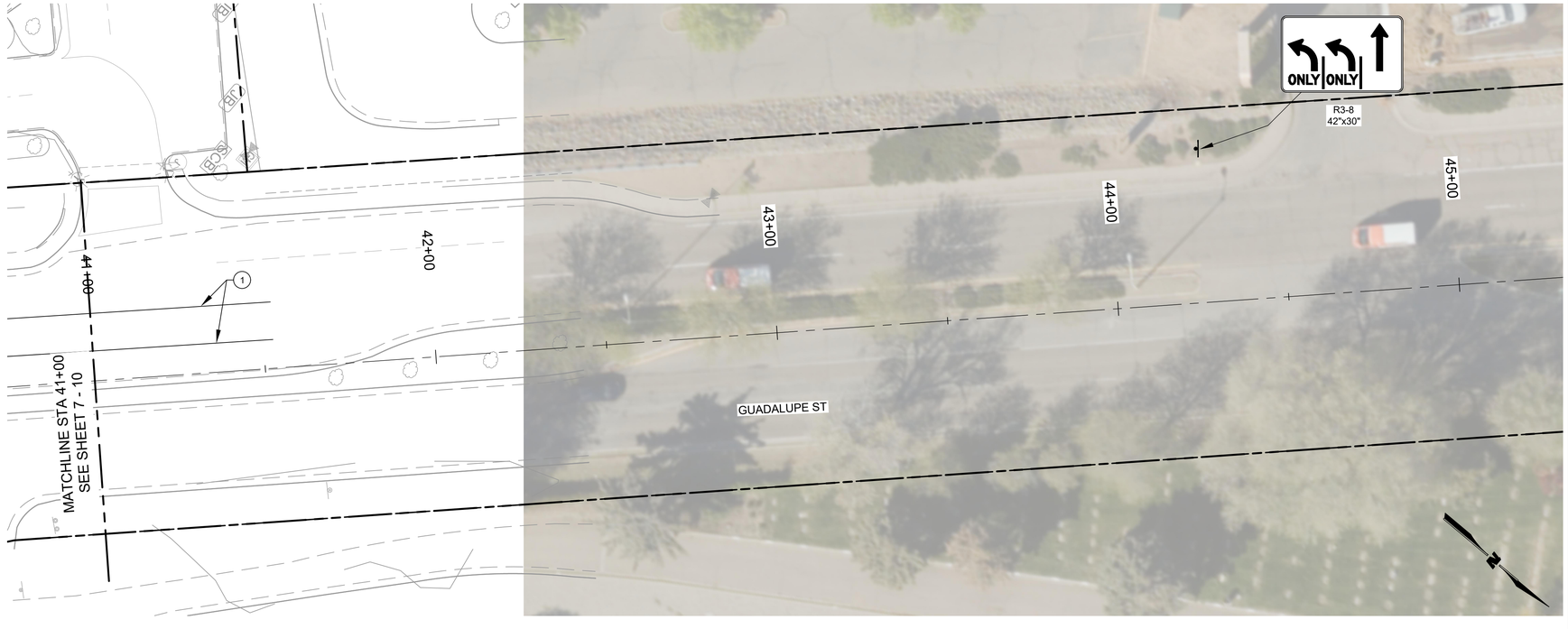

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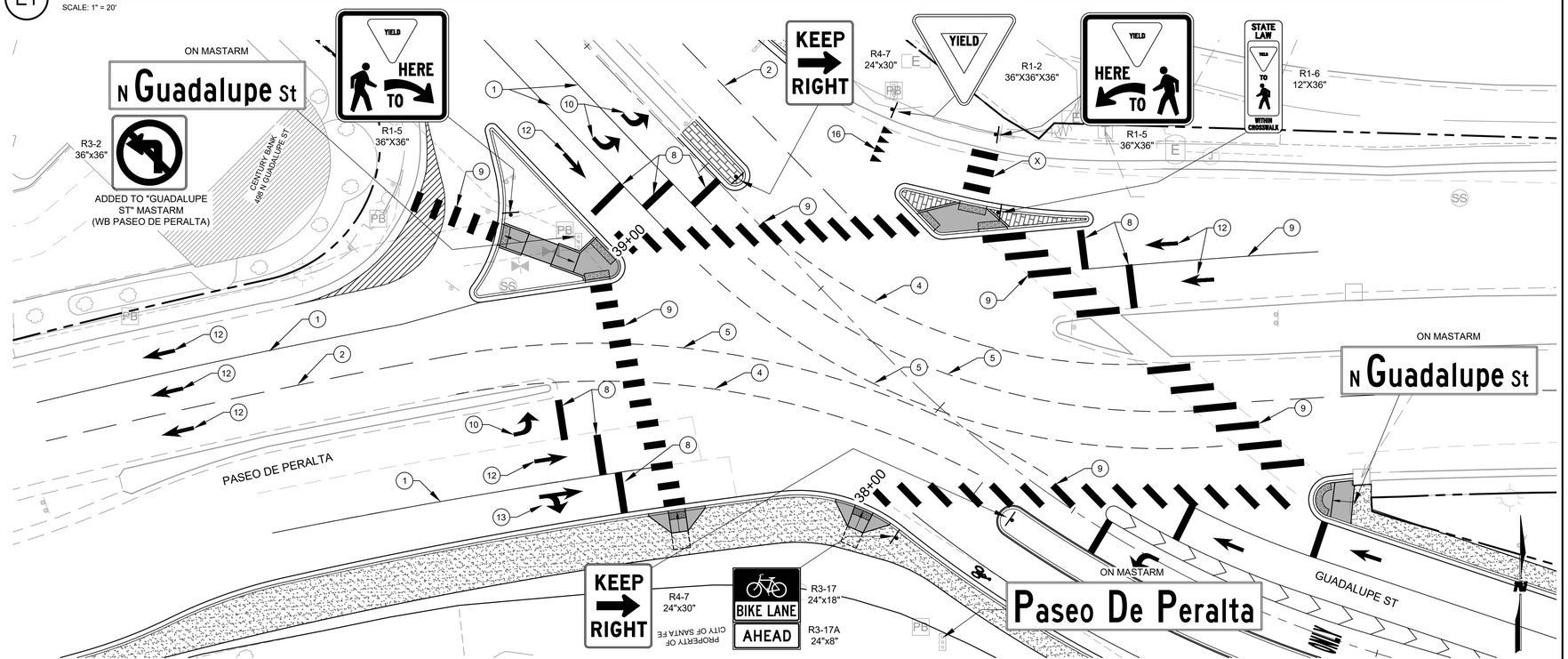

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7-11

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 7\1760085_PS03.dwg

LIGHTING QUANTITIES (ESTIMATED)

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY
502030	DRILLED SHAFT FOUNDATION 30" DIAMETER	LF	120
540060	REINFORCING BARS GRADE 60	LB	3700
706110	SERVICE RISER (LIGHTING)	EA	2
706420	LIGHTING CONTROL CABINET - TWO CIRCUIT	EA	2
709020*	RIGID ELECTRICAL CONDUIT 2" (DIA.)	LF	5450
710000	ELECTRICAL PULL BOX (STANDARD)	EA	34
711108	SINGLE CONDUCTOR 8	LF	10240
716600	ORNAMENTAL POLE AND LUMINAIRE	EA	20

* SHALL BE NON-METALLIC

NOTE: STRUCTURAL CONCRETE FOR THE LIGHTING CONTROLLER CABINET FOUNDATION SHALL BE INCIDENTAL TO BID ITEM 706405.
PAYMENT FOR STRUCTURAL CONCRETE, CLASS G, SHALL BE CONSIDERED INCLUDED TO BID ITEM 502030.

LIGHTING NOTES

1. LOCATION OF CONDUIT, FOUNDATION PULL BOXES, AND CONTROL CABINET SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL MEET WITH THE PROJECT MANAGER IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT OF WAY.
2. ALL ROADWAY (2 WIRE) LIGHTING CIRCUITS ON THIS PROJECT SHALL BE 240 VOLTS. ALL ROADWAY LUMINARIES SHALL BE DESIGNED TO OPERATE 240 VOLTS.
3. ALL PULL BOXES INSTALLED FOR ROADWAY, SHALL BE STANDARD (NMDOT).
4. BEFORE BEGINNING WORK TO INSTALL THE SERVICE CONNECTION, THE CONTRACTOR SHALL COORDINATE WITH THE FOLLOWING REPRESENTATIVES:
   JOSE LERMA, CoSF (jnlerma@santafenm.gov)
   MARCOS ARCHULETA, PNM (marcos.archuleta@pnm.com)
5. RESPONSIBILITY AND MAINTENANCE OF LIGHTING SYSTEMS INSTALLED AS PART OF THIS PROJECT SHALL BE AS FOLLOWS:
   ROADWAY LIGHTING SYSTEM ACCEPTED AND MAINTAINED BY THE CITY OF SANTA FE. THE CONTRACTOR SHALL PROVIDE THE CITY AND PUBLIC SERVICE CO. FIVE (5) WORKING DAYS NOTICE IN ADVANCE OF TURNING ON THE SYSTEM SO AS TO ALLOW THE CITY AND THE LOCAL POWER COMPANY TO INSPECT AND APPROVE THE SYSTEM BEFORE IT IS TURNED ON.
6. THE DESIGN IS BASED ON PACIFIC LIGHTING 100W LED PENDANT MOUNTED FIXTURE (AG-100-EXLED-MT-7-4-10-1A) CONFORMING TO THE DETAILS AND REQUIREMENTS ON THE PLANS. ANY ALTERNATE FIXTURE SHALL MEET THESE REQUIREMENTS AND BE APPROVED BY CITY OF SANTA FE.
7. LIGHTING STANDARDS SHALL BE LOCATED BY STATION / OFFSET SHOWN ON PLANS.
8. FUSED SPLICE CONNECTORS SHALL BE PROVIDED AT EACH POLE BASE.
9. ALL ORNIMENTAL POLES SHALL MATCH DETAILS SHOWN ON PLANS. PRIOR TO ORDERING, COLOR SAMPLES SHALL BE SUBMITTED TO PROJECT MANAGER FOR APPROVAL BEFORE FABRICATION OF THE POLES.
10. EACH STREET LIGHT FIXTURE SHALL HAVE A 7-PIN NEMA RECEPTACLE FOR FUTURE UPGRADE TO SMART LIGHTING. THIS SHALL BE CONSIDERED AS INCLUDED IN ITEMS 716600, AND NO ADDITIONAL PAYMENT WILL BE MADE THEREFOR.

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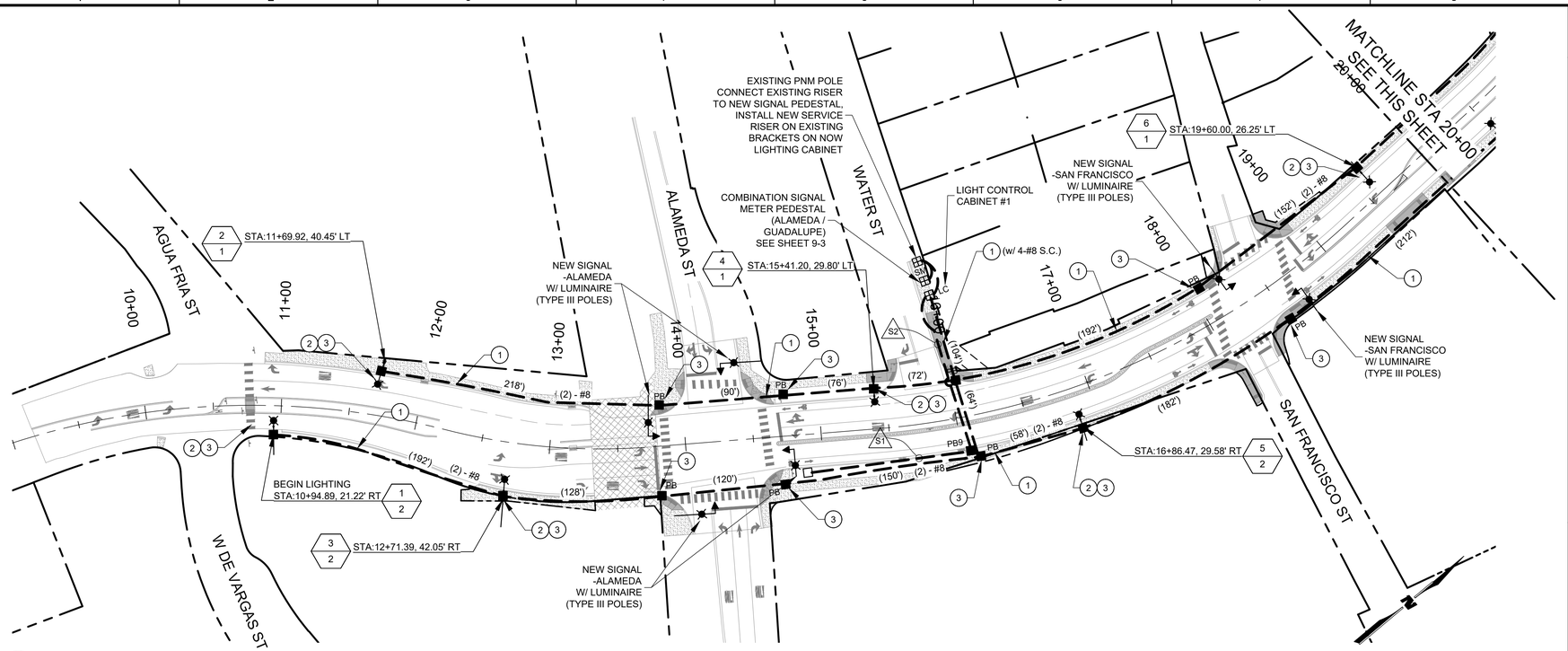
SHEET TITLE

LIGHTING PLAN
GENERAL NOTES

SHEET NO:

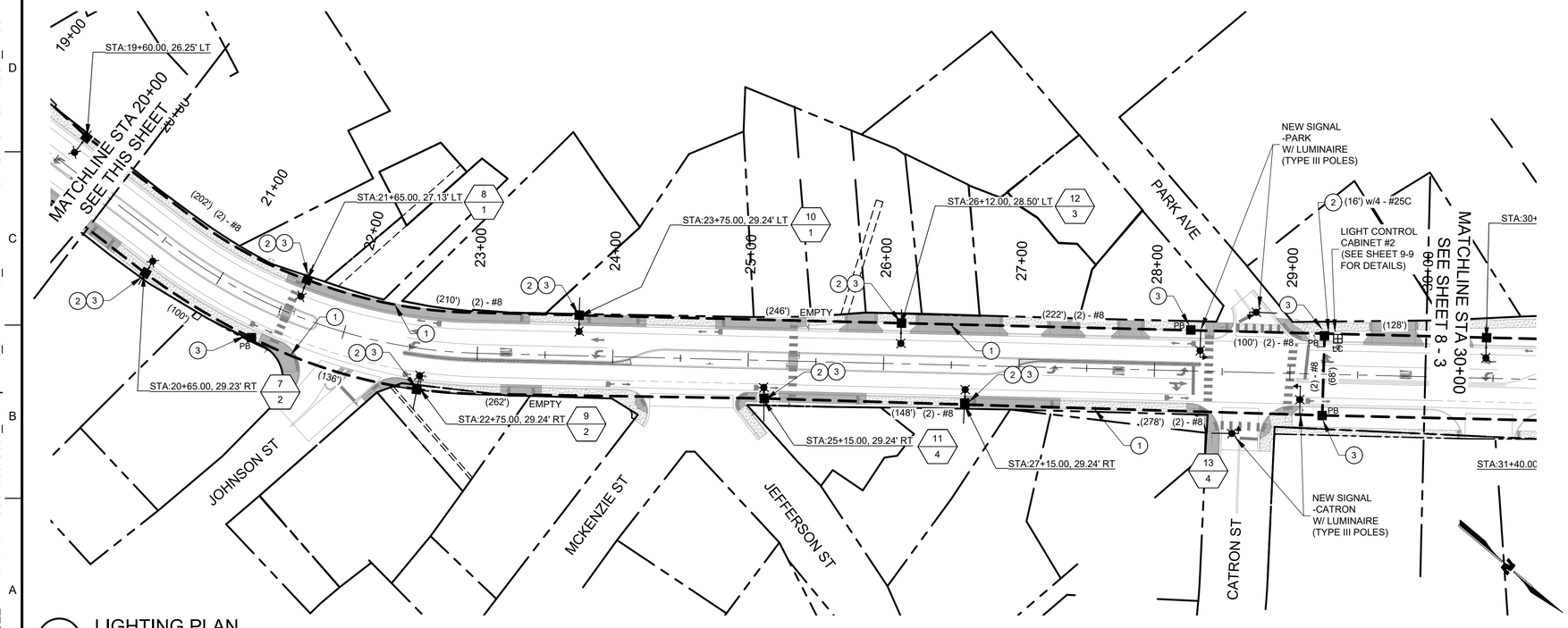
8-1

12/8/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 8\1760085_LT01.dwg



E1 LIGHTING PLAN

SCALE: 1" = 50'



A1 LIGHTING PLAN

SCALE: 1" = 50'

GENERAL LIGHTING NOTES

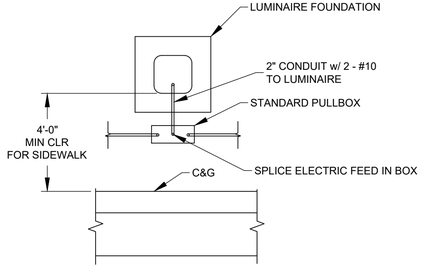
1. REFER TO SHEET 9-3 FOR ALAMEDA ST SIGNALIZATION PLAN.
2. REFER TO SHEET 9-6 FOR SAN FRANCISO ST SIGNALIZATION PLAN.
3. REFER TO SHEET 9-9 FOR PARK AVE/CATRON ST SIGNALIZATION PLAN.
4. LOCATE LUMINAIRE POLE FOUNDATIONS TO PERMIT 4FT MIN ADA CLEARANCE ON SIDEWALKS.

KEYNOTES

1. INSTALL 2" CONDUIT w/ 2 - #8 SINGLE CONDUCTORS AND 1 - #10 BARE COPPER.
2. INSTALL DECORATIVE LUMINAIRE POLE w/ FOUNDATION.
3. INSTALL STANDARD PULL BOX.

LEGEND

- LC — LIGHTING CONTROL CABINET
- SM — SIGNAL METER PEDESTAL
- PB — PULL BOX
- LIGHT POLE
- TRAFFIC SIGNAL
- CONDUIT



NOTE:
INSTALL STANDARD PULL BOX
ADJACENT TO LUMINAIRE
FOUNDATION INTERCEPTING
LIGHTING CONDUIT

LUMINAIRE FOUNDATION DETAIL

SCALE: NTS

WILSON & COMPANY
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CONSULTANTS

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TYLER J. ASHTON
NEW MEXICO
REGISTERED
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

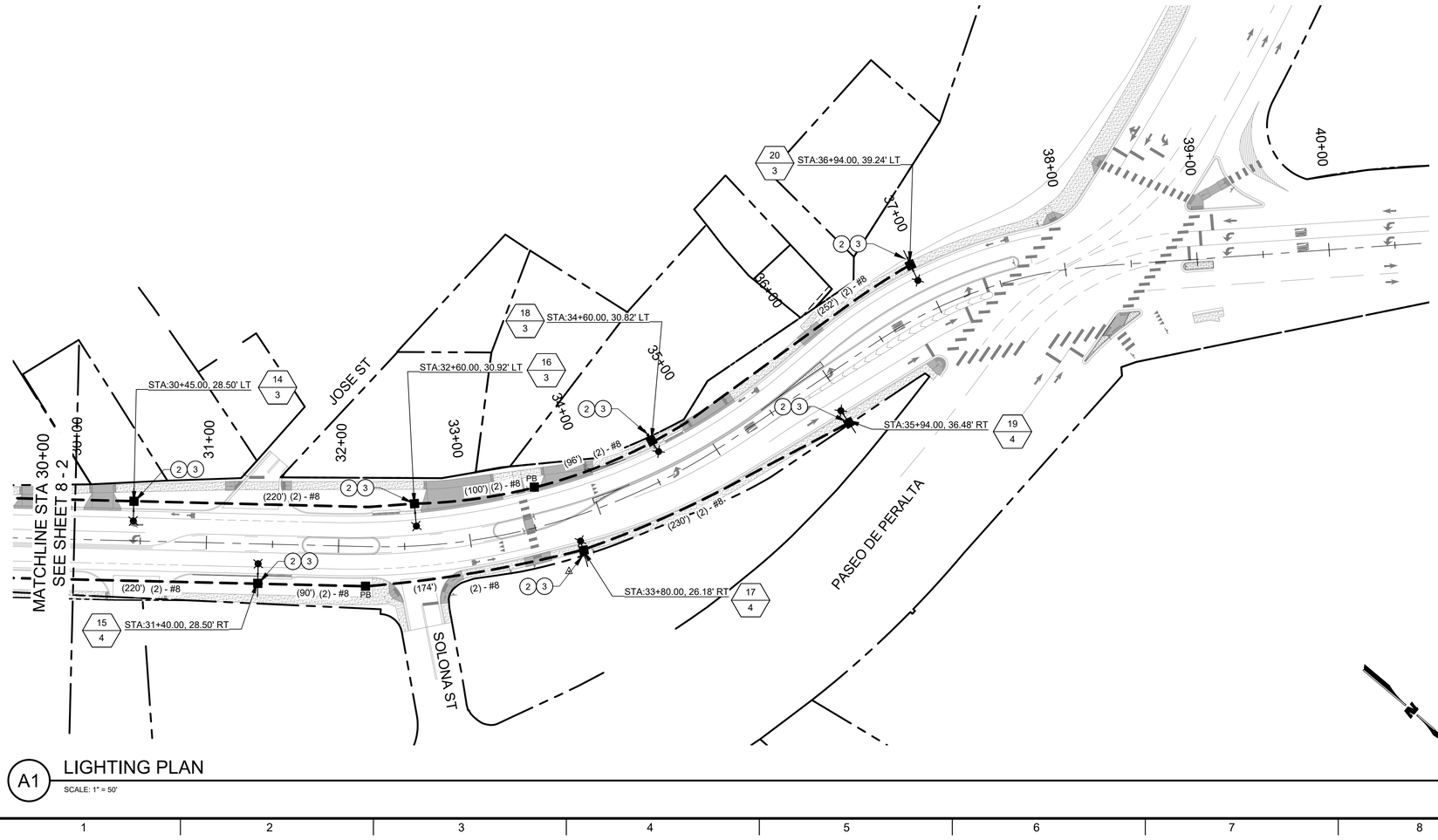
SHEET TITLE

LIGHTING PLAN

SHEET NO:

8-2

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 8\176085_LT03.dwg



A1 LIGHTING PLAN

SCALE: 1" = 50'

GENERAL LIGHTING NOTES

1. REFER TO SHEET 9-3 FOR ALAMEDA ST SIGNALIZATION PLAN.
2. REFER TO SHEET 9-6 FOR SAN FRANCISO ST SIGNALIZATION PLAN.
3. REFER TO SHEET 9-9 FOR PARK AVE/CATRON ST SIGNALIZATION PLAN.
4. LOCATE LUMINAIRE POLE FOUNDATIONS TO PERMIT 4FT MIN ADA CLEARANCE ON SIDEWALKS.

○ KEYNOTES

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LEGEND

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- SM — SIGNAL METER PEDESTAL
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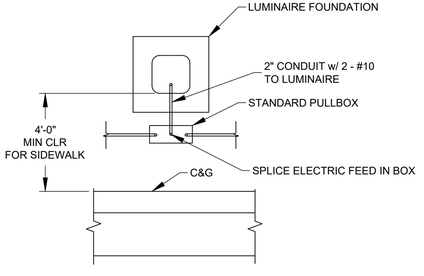
- TRAFFIC SIGNAL
- CONDUIT



NOTE:
INSTALL STANDARD PULL BOX ADJACENT TO LUMINAIRE FOUNDATION INTERCEPTING LIGHTING CONDUIT

LUMINAIRE FOUNDATION DETAIL

SCALE: NTS

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SHEET TITLE

LIGHTING PLAN

SHEET NO:

8-3

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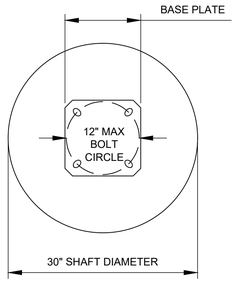
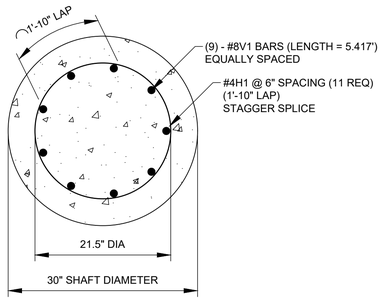
7/28/2022



SECTION A-A



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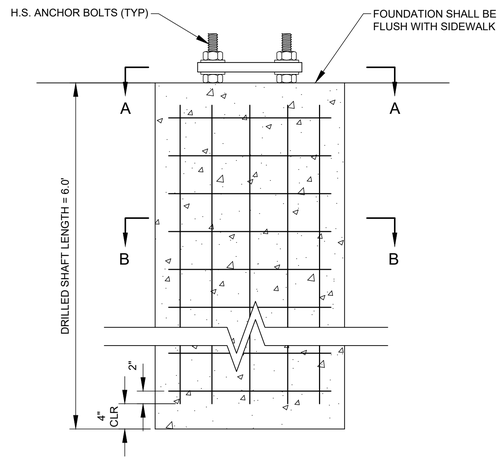
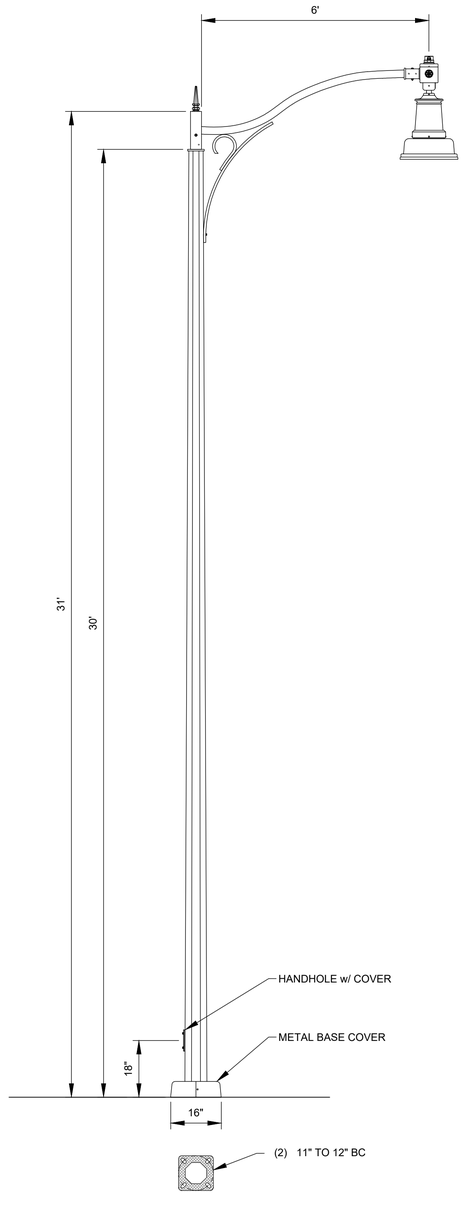


FOUNDATION ELEVATION

A2 DRILLED SHAFT DETAIL

SCALE: NTS



A5 LIGHT POLE DETAILS

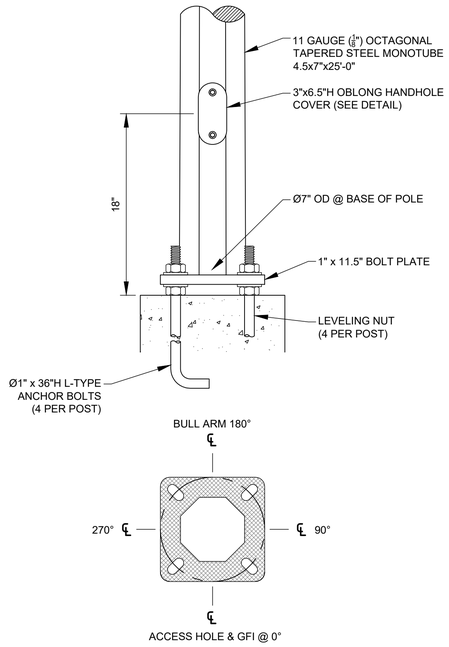
SCALE: NTS

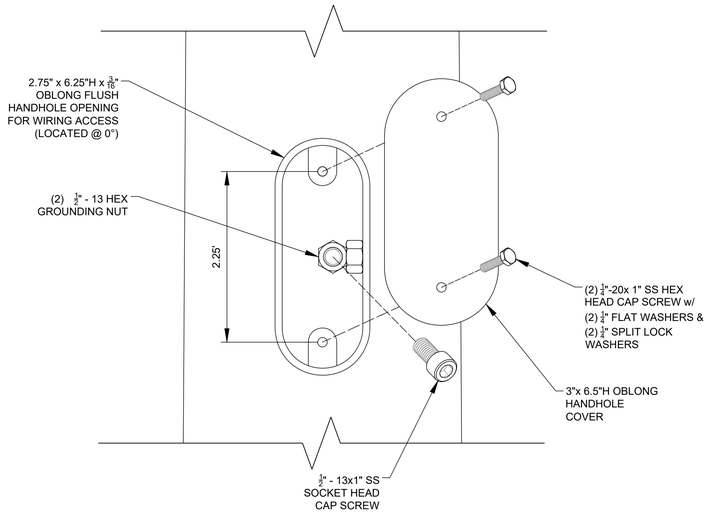
NOTES

POLE: OCTOGONAL TAPERED STEEL MONOTUBE, 7" OD AT BASE OF POLE WITH MOUNTING BRACKETS FOR LUMINAIRE ARM. THE POLE SHAFT SHALL HAVE A MINIMUM WALL THICKNESS OF 11 GUAGE (1/8"). A STEEL BASE PLATE (1" THICK) SHALL BE WELDED TO BOTTOM OF THE SHAFT. THE POLE SHALL INCLUDE A DECORATIVE LUMINAIRE ARM. WIRING ACCESS SHALL BE BY AN APPROXIMATELY 3"x6.5" HANDHOLE INCLUDING A GROUNDING POINT. A HANDHOLE AND BASE COVER SHALL BE INCLUDED.

FINISH: THE POLE, ARM AND LUMINAIRE EXTERIOR HOURSING SHALL BE FINISHED IN A FACTOR APPLIED POLYESTER POWDER COAT, HUNTER GREEN (RAL 5028T) IN COLOR. THE HANDHOLE COVER AND BASE COVER SHALL BE A MATCHING COLOR.

LUMINAIRE: ORNAMENTAL LUMINAIRES SHALL BE 100W LED PENTANT MOUNTED FIXTURES ALL ORNAMENTAL LUNIMAIRES SHALL CONFORM TO THE APPEARANCE DETAILS SHOWN ON PLANS. THE FIXTURE HOUSING SHALL BE OF CAST ALUMINUM FINISHED WITH POLYESTER POWDER COATING MATCHING IN COLOR THE POLE AND ARM. THE LUMINAIRE SHALL BE 100W (MIN 14,000 LUMENS) PROVIDING A TYPE III DISTRIBUTION WITH A COLOR TEMPURATURE OF 4000K AND OPERATE ON 240 VOLTS.





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SHEET TITLE

ORNAMENTAL LIGHTING POLE DETAILS

SHEET NO:

8-4

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 8\1760085_LT02.dwg

TRAFFIC SIGNAL NOTES

1. CONTRACTOR SHALL CONTACT THE CITY OF SANTA FE TRAFFIC ENGINEERING SERVICES FOR APPROVED PRODUCTS LISTING FOR TRAFFIC SIGNAL COMPONENTS.
2. LOCATIONS OF CONDUITS, FOUNDATIONS, CONTROL CABINETS, POLES, PULL BOXES, MANHOLES, AND SPLICE CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE AVAILABLE FOR PEDESTRIANS AND WHEELCHAIRS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL MEET WITH THE PROJECT MANAGER IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS WARNED THAT EXISTING CONDUITS MAY CONTAIN AC POWER AND CAUTION SHALL BE EXERCISED IN INTERCEPTING OR INSTALLING CABLE IN EXISTING CONDUIT.
4. MASTARMS SHALL BE PLACED 90˚ TO THE CENTERLINE UNLESS OTHERWISE NOTED.
5. SPLICING OF VIDEO DETECTION COAXIAL WILL NOT BE PERMITTED BETWEEN THE MASTARM BASE AND THE CONTROLLER CABINET. SPLICING OF OPTICAL DETECTOR CABLE WILL NOT BE PERMITTED FROM THE OPTICAL DETECTOR TO THE CONTROLLER CABINET.
6. ALL VIDEO DETECTION COAXIAL AND POWER CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY CAMERA NUMBER AND LOCATION. ALL OPTICAL DETECTOR CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH BY DIRECTION AND LOCATION.
7. THE CONTRACTOR SHALL NOTIFY THE LOCAL MAINTAINING AGENCY AND THE NMDOT SIGNAL LAB FIVE WORKING DAYS IN ADVANCE OF ANY ANTICIPATED WORK ON SIGNALS, LIGHTING, AND POWER SERVICES. TRAFFIC ENGINEERING PERSONNEL MUST BE PRESENT WHEN SIGNALS ARE SHUT OR TURNED ON. THE CONTRACTOR SHALL ALSO NOTIFY THE LOCAL MAINTAINING AGENCY EACH TIME A TRAFFIC SIGNAL CONTROL DOOR IS OPENED. CONTRACTOR SHALL NOTIFY THE NMDOT SIGNAL LAB TWO WEEKS PRIOR TO TURNING ON NEW SIGNALS.
8. THE CONTRACTOR SHALL NOTIFY THE PNM THIRTY (30) DAYS IN ADVANCE OF ANTICIPATED POWER SERVICE CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL POWER COMPANY, PNM, TO ESTABLISH ELECTRICAL SERVICE.
9. THE CONTRACTOR SHALL REMOVE ANY CONFLICTING SIGNING WHEN TRAFFIC SIGNALS ARE PUT INTO OPERATION.
10. FOR CONDUITS CONTAINING ONLY LOW VOLTAGE COMMUNICATION CABLES, THE REQUIREMENTS FOR SINGLE CONDUCTOR COPPER #6 AWG MAY BE WAIVED WHERE PERMITTED BY THE NATIONAL ELECTRIC CODE.
11. EXISTING CONDUITS TO BE REMOVED OR ABANDONED SHALL HAVE ALL WIRING REMOVED.
12. EXISTING CONDUITS SHALL BE REPAIRED, ADJUSTED, OR REPLACED AS DIRECTED BY THE PROJECT MANAGER WHERE ELECTRICAL PULL BOXES OR TRAFFIC MANHOLES ARE INSTALLED OR REPLACED.
13. THE CONTRACTOR SHALL ARRANGE TO HAVE OFF-DUTY POLICE OFFICERS TO DIRECT TRAFFIC WHEN NEW SIGNALS ARE PLACED INTO OPERATION OR WHEN EXISTING SIGNALS ARE TEMPORARILY SHUT OFF.
14. THE EXISTING TRAFFIC SIGNAL EQUIPMENT INCLUDING POLES, CONTROLLER, CABINETS, SIGNAL HEADS, PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, FITTINGS, BACK PLATES, LOAD SWITCHES, CONFLICT MONITORS, AND DETECTORS SHALL BE CAREFULLY DISASSEMBLED AND DELIVERED IN GOOD CONDITION TO THE CITY OF SANTA FE TRAFFIC YARD. PAYMENT OF THIS ITEM SHALL BE PAID FOR UNDER BID ITEM #601000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS. THE CONTROLLER CABINETS AND INTERNAL COMPONENTS SHALL BE DELIVERED TO THE NMDOT SIGNAL LAB IN SANTA FE, NM.
15. SIGNALS NEAR EXISTING OVERHEAD POWER LINES MUST MAINTAIN A VERTICAL CLEARANCE AND/OR A HORIZONTAL CLEARANCE FROM THE CLOSEST PHASE CONDUCTOR. THE LOCAL POWER COMPANY WILL ASSIST IN MEASUREMENT AND DETERMINATION OF CLEARANCE.
16. ALL CONDUIT INSTALLED IN A TRENCH SHALL BE FLAGGED WITH CAUTION TAPE ONE FOOT ABOVE CONDUIT.
17. ALL NEW SIGNAL CONSTRUCTION SHALL BE ADA COMPLIANT, INCLUDING LOCATION OF MAST-ARMS, PEDESTAL, POLES AND PUSH BUTTONS.
18. SIGNAL HEADS SHALL BE COVERED WHEN NECESSARY WITH AN APPROVED BLACK NON-TRANSPARENT SIGNAL COVER.
19. THE CONTRACTOR IS HEREBY ADVISED THAT THE INTERSECTION SIGNALS SHALL NOT BE TURNED ON UNTIL THE SIGNAL IS COMPLETELY INSTALLED, INCLUDING FULLY ACTUATED V OPERATION (VIDEO DETECTION, AND ALL PUSH BUTTON WIRING SHALL BE OPERATIONAL).
20. A SOIL SAMPLE, EXPLORATORY BORES MUST BE PROVIDED BY THE CONTRACTOR TO DETERMINE THE TYPE OF FOUNDATION TO BE USED FOR THE MASTARMS, TYPE I, TYPE II, TYPE III & TYPE V. CONTRACTOR SHALL PROVIDE BORING PLAN FOR REVIEW BY DISTRICT 05.
21. CAP UNUSED WIRING.
22. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A 10" MAXIMUM DISTANCE BETWEEN THE FRONT OF THE HEADER CURB ON THE ADA RAMPS AND THE PEDESTRIAN PUSH BUTTONS WHEN BUILDING A MASTARM, PEDESTRIAN POLE, OR A PEDESTRIAN DETECTOR POST FOUNDATION. THE HEADER CURB MAY BE PLACED OVER THE TOP OF THE FOUNDATIONS IN ORDER TO ACQUIRE THE 10" DISTANCE.
23. ALL SIGNAL HEADS SHALL BE BLACK IN COLOR.
24. ALL CONDUIT RUNS DESIGNATED FOR FUTURE INTERCONNECT SHALL INCLUDE A BARE #10 COPPER WIRE AND A NYLON PULL WIRE

TRAFFIC SIGNAL LEGEND

NEW	EXISTING	ITEM
■	□	PULL BOX
●	○	SERVICE POLE
M	M	METER PEDESTAL
C	C	CONTROLLER CABINET
		CONDUIT RUN (SIGNALS)
		CONDUIT RUN (LIGHTING)
		CONDUIT RUN (INTERCONNECT)
		LOOP DETECTOR
		TRAFFIC SIGNAL PEDESTAL POLE
X	X	CONDUIT RUN NUMBER (SIGNAL)
SX	SX	CONDUIT RUN NUMBER (POWER SERVICE)
IX	IX	CONDUIT RUN NUMBER (INTERCONNECT)
BX	BX	CONDUIT RUN NUMBER (WARNING BEACON)
		TYPE II STANDARD WITH MASTARM, TRAFFIC SIGNAL, BACKPLATE, AND OPTICAL DETECTOR
		TYPE III STANDARD WITH MASTARM, TRAFFIC SIGNAL, BACKPLATE, OPTICAL DETECTOR, LUMINAIRE, AND VIDEO CAMERA
		PEDESTRIAN PUSH BUTTON (MOUNTED TO SIDE OF POLE WHERE INDICATED)
		PEDESTRIAN SIGNALS (MOUNTED TO SIDE OF POLE WHERE INDICATED)
SC	SC	SPLICE CABINET
●	⊘	TRAFFIC MANHOLE
		VIDEO CAMERA

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07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
SIGNALIZATION GENERAL NOTES

SHEET NO:
9-1

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\176085_SG01.dwg

FOR REFERENCE ONLY

TRAFFIC SIGNAL QUANTITIES (ESTIMATED)

ITEM NUMBER	ITEM DESCRIPTION	UNIT	ALAMEDA ST	SAN FRANCISCO ST	CATRON ST	PASEO DE PERALTA	INTERCONNECT	TOTAL
502036	DRILLED SHAFT FOUNDATION 36" DIAMETER*	LF	64	64	64			192
511000	STRUCTURAL CONCRETE, CLASS A	CY	19	19	20	2		60
540060	REINFORCING BARS GRADE 60**	LB	3184	3184	3218	51		9637
701000	PANEL SIGNS	SF			16			16
706100	SERVICE RISER (SIGNAL)	EACH	1		1			2
706230	METER PEDESTAL (COMBINATION)	EACH	1	1	1			3
707004	TYPE I STANDARD, 4'	EACH			1			1
707010	TYPE I STANDARD, 10'	EACH			1	3		4
707015	TYPE I STANDARD, 15'	EACH	4	4	4			12
707315	TYPE III STANDARD, 15' ARM	EACH		1				1
707320	TYPE III STANDARD, 20' ARM	EACH		1	2			3
707325	TYPE III STANDARD, 25' ARM	EACH	2					2
707330	TYPE III STANDARD, 30' ARM	EACH	2	2	2			6
709020	RIGID ELECTRICAL CONDUIT 2" (DIA.)	LIN FT	745	390	380			1515
709030	RIGID ELECTRICAL CONDUIT 3" (DIA.)	LIN FT	955	880	1350	235	65	3485
709040	RIGID ELECTRICAL CONDUIT 4" (DIA.)	LIN FT					2100	2100
710000	ELECTRICAL PULL BOX (STANDARD)	EACH	3	1	3	3		10
710010	ELECTRICAL PULL BOX (LARGE)	EACH	8	8	7			23
710150	ELECTRICAL PULL BOX TYPE C	EACH					10	10
710300	SPLICE CABINET	EACH					1	1
710350	SPLICE VAULT	EACH					3	3
711005	MULTI CONDUCTOR CABLE 5	LIN FT	1500	1380	1485	500		4865
711007	MULTI CONDUCTOR CABLE 7	LIN FT	360	175	170			705
711020	MULTI CONDUCTOR CABLE 20	LIN FT	1175	995	1005			3175
711104	SINGLE CONDUCTOR 4	LIN FT	900					900
711106	SINGLE CONDUCTOR 6	LIN FT	875	740	2380			3995
711110	SINGLE CONDUCTOR 10	LIN FT	1500	1390	1370			4260
711512	COMMUNICATION CABLE 12 PAIR	LIN FT					510	510
712011	1 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	EACH			4			4
712031	3 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	EACH	7	10	10			27
712051	5 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	EACH	9	4	4			17
712202	PEDESTRIAN COUNTDOWN SIGNAL (LED)	EACH	8	8	8	4		28
712330	3 SECTION BACKPLATE	EACH	4	4	4			12
712350	5 SECTION BACKPLATE	EACH	4	2	2			8
713025	ACCESSIBLE PEDESTRIAN SIGNAL PUSH BUTTON STATION	EACH	8	8	8	4		28
713826	RADAR PRESENCE DETECTOR	EACH	4	4	4			12
713842	RADAR DETECTOR CABLE	EACH	830	700	695			2225
713843	RADAR DETECTION CABINET INTERFACE UNIT	EACH	1	1	1			3
714000	TRAFFIC ACTUATED CONTROLLER	EACH	1	1	1			3
714280	8 PHASE DOUBLE RING CONTROLLER CABINET	EACH	1	1	1			3
716701	LED ROADWAY LUMINAIRE	EACH	4	4	4			12

*NOTE: REFERENCE IS MADE TO ITEM NO. 502036 - DRILLED SHAFT FOUNDATION 36" DIAMETER & ITEM NO. 502042 - DRILLED SHAFT FOUNDATION 42" DIAMETER. THE PAYMENT FOR CLASS G CONCRETE, ANCHOR BOLTS AND ASSOCIATED HARDWARE SHALL BE CONSIDERED INCLUDED TO THIS ITEM.

**NOTE: REFERENCE IS MADE TO ITEM NO. 540060 - REINFORCING BARS GRADE 60. QUANTITY FOR MASTARM BARS TAKEN FROM SHEETS 9-16 THRU 9-19, TABLE - TRAFFIC SIGNAL: NON-COHESIVE SOIL.

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15705
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07/29/2022

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SHEET TITLE

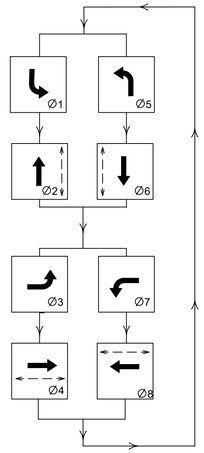
SIGNALIZATION QUANTITIES

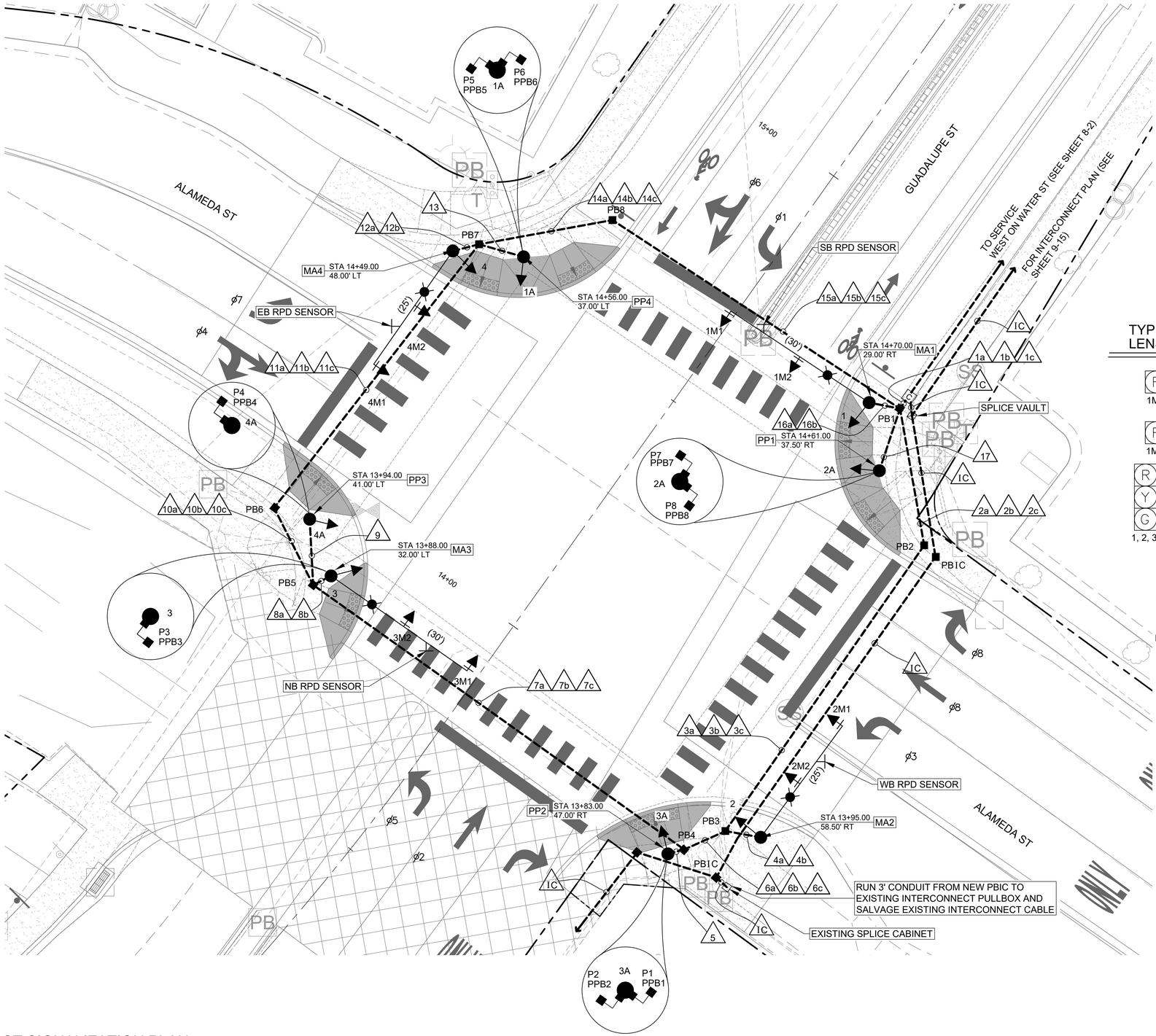
SHEET NO:

9-2

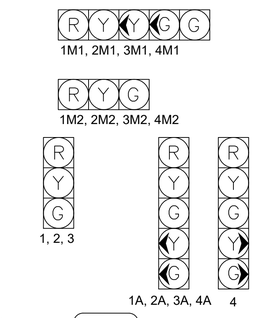
12/9/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\1176085_SG01.dwg

SIGNAL PHASING





TYPICAL SIGNAL FACE LENS ARRANGEMENTS



A2 ALAMEDA ST SIGNALIZATION PLAN

SCALE: FULL: 1" = 10' / HALF: 1" = 20'

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ALAMEDA ST SIGNALIZATION PLAN

SHEET NO:

9-3

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\1176085_SG04.dwg

CONDUIT & CONDUCTOR REQUIREMENTS - TABLE 1

CONDUIT SIZE, LENGTH & TYPE					CONDUCTOR SIZE, LENGTH & TYPE						
RUN ID	LOCATION	TYPE	2 in LF	3 in LF	MCC #5 (# @ LF)	MCC #7 (# @ LF)	MCC #20 (# @ LF)	SCC #4 (# @ LF)	SCC #6 (# @ LF)	SCC #10 (# @ LF)	RADAR SENSOR LEAD-IN (# @ LF)
1a	CONTROLLER TO PB1			10	2 @ 15		2 @ 15		1 @ 15		
1b	CONTROLLER TO PB1			10						8 @ 15	4 @ 15
1c	CONTROLLER TO PB1			10	2 @ 15		2 @ 15		1 @ 15		
2a	PB1 TO PB2			35	2 @ 40		2 @ 40		1 @ 40		
2b	PB1 TO PB2		35						1 @ 40	2 @ 40	1 @ 40
2c	PB1 TO PB2			35							
3a	PB2 TO PB3			70	2 @ 75		2 @ 75		1 @ 75		
3b	PB2 TO PB3		70						1 @ 75	2 @ 75	1 @ 75
3c	PB2 TO PB3			70							
4a	PB3 TO MA2			15	2 @ 20	1 @ 20	2 @ 20		1 @ 20		
4b	PB3 TO MA2		15							2 @ 20	1 @ 20
5	PB4 TO PP2			10	1 @ 15		1 @ 15				
6a	PB3 TO PB4			15	2 @ 20		2 @ 20		1 @ 20		
6b	PB3 TO PB4		15								
6c	PB3 TO PB4			15							
7a	PB4 TO PB5			90	2 @ 95		2 @ 95		1 @ 95		
7b	PB4 TO PB5		90								
7c	PB4 TO PB5			90							
8a	PB5 TO MA3			10	2 @ 15	1 @ 15	2 @ 15		1 @ 15		
8b	PB5 TO MA3		10							2 @ 15	1 @ 15
9	PB5 TO PP3			20	1 @ 25		1 @ 25				
10a	PB5 TO PB6			25	2 @ 30		2 @ 30		1 @ 30		
10b	PB5 TO PB6		25						1 @ 30	2 @ 30	1 @ 30
10c	PB5 TO PB6			25							
11a	PB6 TO PB7			70	2 @ 75		2 @ 75		1 @ 75		
11b	PB6 TO PB7		70						1 @ 75	2 @ 75	1 @ 75
11c	PB6 TO PB7			70							
12a	PB7 TO MA4			10	2 @ 15	1 @ 15	2 @ 15		1 @ 15		
12b	PB7 TO MA4		10							2 @ 15	1 @ 15
13	PB7 TO PP4			15	1 @ 20		1 @ 20				
14a	PB7 TO PB8			30	2 @ 35		2 @ 35		1 @ 35		
14b	PB7 TO PB8		30						1 @ 35	4 @ 35	2 @ 35
14c	PB7 TO PB8			30							
15a	PB8 TO PB1			70	2 @ 75		2 @ 75		1 @ 75		
15b	PB8 TO PB1		70						1 @ 75	4 @ 75	2 @ 75
15c	PB8 TO PB1			70							
16a	PB1 TO MA1			15	2 @ 20	1 @ 20	2 @ 20		1 @ 20		
16b	PB1 TO MA1		15							2 @ 20	1 @ 20
17	PB1 TO PP1			20	1 @ 25		1 @ 25				
S1	CONTROLLER TO PB9		130					3 @ 135			
S2	PB9 TO METER PED		160					3 @ 165			
	SUBTOTAL TABLE 1 (LF)		745	955	1175	70	1175	900	875	1140	570
	SUBTOTAL TABLE 2 (LF)				325	290				360	190
	INTERSECTION TOTAL (LF)		745	955	1500	360	1175	900	875	1500	760
	INTERSECTION USE (LF)		745	955	1500	360	1175	900	875	1500	760

CONDUIT & CONDUCTOR REQUIREMENTS - TABLE 2

	CABLE RUN	CONDUCTOR SIZE, LENGTH & TYPE			
RUN	LOCATION	MCC #5 (# @ LF)	MCC #7 (# @ LF)	SCC #10 (# @ LF)	RADAR SENSOR LEAD-IN (# @ LF)
MA1	BASE TO 1	1 @ 20			
MA1	BASE TO 1M1		1 @ 55		
MA1	BASE TO 1M2	1 @ 40			
MA1	BASE TO RPD SENSOR				1 @ 50
MA1	BASE TO LUMINAIRE			2 @ 45	
PP1	BASE TO PPB7 & PPB8	1 @ 5			
PP1	BASE TO P7 & P8	1 @ 15			
PP1	BASE TO 2A		1 @ 15		
MA2	BASE TO 2	1 @ 20			
MA2	BASE TO 2M1		1 @ 50		
MA2	BASE TO 2M2	1 @ 40			
MA2	BASE TO PPD SENSOR				1 @ 45
MA2	BASE TO LUMINAIRE			2 @ 45	
PP2	BASE TO PPB1 & PPB2	1 @ 5			
PP2	BASE TO P1 & P2	1 @ 15			
PP2	BASE TO 3A		1 @ 15		
MA3	BASE TO 3	1 @ 20			
MA3	BASE TO 3M1		1 @ 55		
MA3	BASE TO 3M2	1 @ 45			
MA3	BASE TO RPD SENSOR				1 @ 50
MA3	BASE TO LUMINAIRE			2 @ 45	
MA3	BASE TO PPB3	1 @ 5			
MA3	BASE TO P3	1 @ 15			
PP3	BASE TO PPB4	1 @ 5			
PP3	BASE TO P4	1 @ 15			
PP3	BASE TO 4A		1 @ 15		
MA4	BASE TO 4		1 @ 20		
MA4	BASE TO 4M1		1 @ 50		
MA4	BASE TO 4M2	1 @ 40			
MA4	BASE TO RPD SENSOR				1 @ 45
MA4	BASE TO LUMINAIRE			2 @ 45	
PP4	BASE TO PPB5 & PPB6	1 @ 5			
PP4	BASE TO P5 & P6	1 @ 15			
PP4	BASE TO 1A		1 @ 15		
	SUBTOTAL TABLE 2 (ft)	325	290	360	190

GENERAL NOTES

1. RUN NUMBERS CORRESPOND TO SUBJECT INTERSECTION SIGNAL DESIGN.
2. ALL LENGTHS SHOWN ARE ESTIMATED. BASED ON THE ENGINEERING DRAWINGS. ACTUAL LENGTHS USED IN INSTALLATION MAY VARY AND PAYMENT SHALL BE MADE BASED ON LENGTHS MEASURED IN FIELD.
3. ALL SIGNAL HEADS SHALL INCLUDE VISORS AND SHALL BE DIRECTED TOWARD THE TRAFFIC MOVEMENT FOR WHICH THE SIGNAL HEAD IS INTENDED SO THAT THE INDICATION IS NOT CONFUSING TO CONFLICTING TRAFFIC MOVEMENTS.

WIRING NOTES

1. ALL SPLICES FOR TRAFFIC SIGNAL CABLES WILL BE MADE ABOVE GROUND (IN CABINET OR STANDARD BASE). NO SPLICING OF MCC WILL BE PERMITTED IN PULL BOXES.
2. THE CABLE RUNS BETWEEN THE CONTROLLER CABINET AND TERMINATING MAST ARM BASE SHALL BE ONE CONTINUOUS RUN (NO SPLICING WILL BE PERMITTED).
3. THE CABLE RUNS BETWEEN THE POWER SERVICE DISCONNECT AND THE CONTROLLER CABINET SHALL BE ONE CONTINUOUS RUN (NO SPLICING WILL BE PERMITTED).
4. SPLICING OF COMMUNICATION CABLE WILL NOT BE PERMITTED IN PULL BOXES. SPLICING OF COMMUNICATION CABLE (CONNECTIONS) WILL BE PERMITTED ONLY AT ITS MANHOLES, SPLICE CABINETS, OR CONTROL CABINETS WITH SPLICE BLOCKS. SPLICING OF VIDEO DETECTION COAXIAL CABLE WILL NOT BE PERMITTED BETWEEN THE MASTARM BASE AND THE CONTROLLER CABINET.
5. A BARE COPPER 6 AWG GROUND WIRE SHALL BE RUN IN EVERY CONDUIT FOR EQUIPMENT GROUNDING/TRACING. THE GROUNDING WIRES ARE TO BE INSULATED WITH A WHITE BASE COLOR.
6. RADAR DETECTION AND ITS INSTALLATIONS SHALL COMPLY TO THE MANUFACTURE'S STANDARDS. ALL RADAR EQUIPMENT WIRES ARE TO BE IN A SEPARATE CONDUIT FROM THE 120 VOLT CONDUCTORS.
7. ALL CONDUCTOR CABLES ARE TO BE COPPER.

ABBREVIATIONS

CC 6	COMMUNICATION CABLE - 6-PAIR
CC12	COMMUNICATION CABLE - 12-PAIR
DLLIC	DETECTOR LOOP LEAD IN CABLE
MA	MASTARM
MCC	MULTI-CONDUCTOR CABLE
PB1	PULL BOX NUMBER (SIGNALS)
PBC1	PULL BOX NUMBER (INTERCONNECT)
PP	PEDESTAL POLE
PPB	PEDESTAL PUSH BUTTON
REC	RIGID ELECTRIC CONDUIT
SCC	SINGLE CONDUCTOR CABLE
CAM	VIDEO CAMERA
LDW	LOOP DETECTOR WIRE

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TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
ALAMEDA ST
CONDUIT & CABLE
RUNS

SHEET NO:
9-4

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\176085_SG04.dwg

FUNCTION CHART - 115 VOLT CIRCUIT (SIGNAL & PED HEADS)

CONDUCTOR			RING 1 - MULTI CONDUCTOR CABLE 20		RING 2 - MULTI CONDUCTOR CABLE 20	
CONDUCTOR NUMBER	BASE COLOR	TRACER	FUNCTION	FIELD CONNECTION	FUNCTION	FIELD CONNECTION
1	BLACK	-	SPARE	SPARE	SPARE	SPARE
2	WHITE	-	SPARE	SPARE	SPARE	SPARE
3	RED	-	PHASE 1 RED	RED LEFT TURN ARROW	PHASE 5 RED	RED LEFT TURN ARROW
4	GREEN	-	PHASE 1 GREEN	GREEN LEFT TURN ARROW 3M1, 3A	PHASE 5 GREEN	GREEN LEFT TURN ARROW 1M1, 1A
5	ORANGE	-	PHASE 1 YELLOW	YELLOW LEFT TURN ARROW 3M1, 3A	PHASE 5 YELLOW	YELLOW LEFT TURN ARROW 1M1, 1A
6	BLUE	-	PHASE 1 OVERLAP	GREEN RIGHT TURN ARROW 4	SPARE	SPARE
7	WHITE	BLACK	PHASE 1 OVERLAP	YELLOW RIGHT TURN ARROW 4	SPARE	SPARE
8	RED	BLACK	PHASE 2 RED	RED BALL 1M1,1A, 1M2, 1	PHASE 6 RED	RED BALL 3M1, 3A, 3M2, 3
9	GREEN	BLACK	PHASE 2 GREEN	GREEN BALL 1M1, 1A, 1M2, 1	PHASE 6 GREEN	GREEN BALL 3M1, 3A, 3M2, 3
10	ORANGE	BLACK	PHASE 2 YELLOW	YELLOW BALL 1M1, 1A, 1M2, 1	PHASE 6 YELLOW	YELLOW BALL 3M1, 3A, 3M2, 3
11	BLUE	BLACK	PHASE 2 WALK	PEDESTRIAN WALK P1, P8	PHASE 6 WALK	PEDESTRIAN WALK P4, P5
12	BLACK	WHITE	PHASE 2 DON'T WALK	PEDESTRIAN DON'T WALK P1, P8	PHASE 6 DON'T WALK	PEDESTRIAN DON'T WALK P4, P5
13	RED	WHITE	PHASE 3 RED	RED LEFT TURN ARROW	PHASE 7 RED	RED LEFT TURN ARROW
14	GREEN	WHITE	PHASE 3 GREEN	GREEN LEFT TURN ARROW 4M1, 4A	PHASE 7 GREEN	GREEN LEFT TURN ARROW 2M1, 2A
15	BLUE	WHITE	PHASE 3 YELLOW	YELLOW LEFT TURN ARROW 4M1, 4A	PHASE 7 YELLOW	YELLOW LEFT TURN ARROW 2M1, 2A
16	BLACK	RED	PHASE 4 RED	RED BALL 2M1, 2A, 2M2, 2	PHASE 8 RED	RED BALL 4M1, 4A, 4M2, 4
17	WHITE	RED	PHASE 4 GREEN	GREEN BALL 2M1, 2A, 2M2, 2	PHASE 8 GREEN	GREEN BALL 4M1, 4A, 4M2, 4
18	ORANGE	RED	PHASE 4 YELLOW	YELLOW BALL 2M1, 2A, 2M2, 2	PHASE 8 YELLOW	YELLOW BALL 4M1, 4A, 4M2, 4
19	BLUE	RED	PHASE 4 WALK	PEDESTRIAN WALK P2, P3	PHASE 8 WALK	PEDESTRIAN WALK P6, P7
20	RED	GREEN	PHASE 4 DON'T WALK	PEDESTRIAN DON'T WALK P2, P3	PHASE 8 DON'T WALK	PEDESTRIAN DON'T WALK P6, P7

FUNCTION CHART - 24 VOLT CIRCUIT[3]

CONDUCTOR		RING 1 - MULTI CONDUCTOR 5		RING 2 - MULTI CONDUCTOR 5	
NUMBER	BASE COLOR	FUNCTION	FIELD CONNECTION	FUNCTION	FIELD CONNECTION
1	BLACK	PHASE 2	P1, P8	SPARE	SPARE
2	WHITE	COMMON	COMMON	COMMON	COMMON
3	RED	PHASE 4	P2, P3	SPARE	SPARE
4	GREEN	SPARE	SPARE	PHASE 6	P4, P5
5	ORANGE	SPARE	SPARE	PHASE 8	P6, P7

RADAR SENSOR LEAD-IN CABLE

FROM	TO	CONDUIT TRACE	NO.	LENGTH
MA1 (RPD)	CONTROLLER	MA1, 16b, 1b	1	85
MA2 (RPD)	CONTROLLER	MA2, 4b, 3b, 2b, 1b	1	195
MA3 (RPD)	CONTROLLER	MA3, 8b, 10b, 11b, 14b, 15b, 1b	1	295
MA4 (RPD)	CONTROLLER	MA4, 14b, 15b, 1b	1	170
			TOTAL (FT)	745
			USE (FT)	745

GENERAL NOTES

1. FUNCTION CHARTS, CONDUCTOR AND CABLE RUNS SHOW, CORRESPOND TO INTERSECTION SIGNAL DESIGN ON 9-3.
2. IDENTIFY EACH MULTI CONDUCTOR CABLES AS TO ITS PRIMARY PHASE (Ø2, Ø4, Ø6, Ø8) AT THE CONTROLLER AND PULL BOX TERMINATION.
3. ALL MULTI-CONDUCTOR CABLE SHALL BE CONTINUOUS BETWEEN THE CONTROLLER AND DESIGNATED MASTARM BASE. ALL SPLICES SHALL BE MECHANICALLY SECURED BY AN APPROVED SPLICING METHOD AND MADE WATER TIGHT.
4. IDENTIFY CONDUCTORS LISTED AS "PPB - LOW VOLTAGE" AT EACH SPLICE POINT. THIS FIVE (5) CONDUCTOR CABLE SHALL BE 24 VOLTS AND USED FOR PUSH BUTTONS ONLY.

ABBREVIATIONS

CC 6	COMMUNICATION CABLE - 6-PAIR
CC12	COMMUNICATION CABLE - 12-PAIR
DLLIC	DETECTOR LOOP LEAD IN CABLE
MA	MASTARM
MCC	MULTI-CONDUCTOR CABLE
PB1	PULL BOX NUMBER (SIGNALS)
PBC1	PULL BOX NUMBER (INTERCONNECT)
PP	PEDESTAL POLE
PPB	PEDESTAL PUSH BUTTON
REC	RIGID ELECTRIC CONDUIT
SCC	SINGLE CONDUCTOR CABLE
CAM	VIDEO CAMERA
LDW	LOOP DETECTOR WIRE

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PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

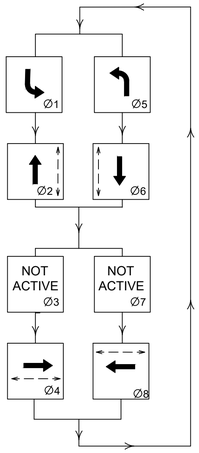
ALAMEDA ST
FUNCTION,
DETECTOR CABLE

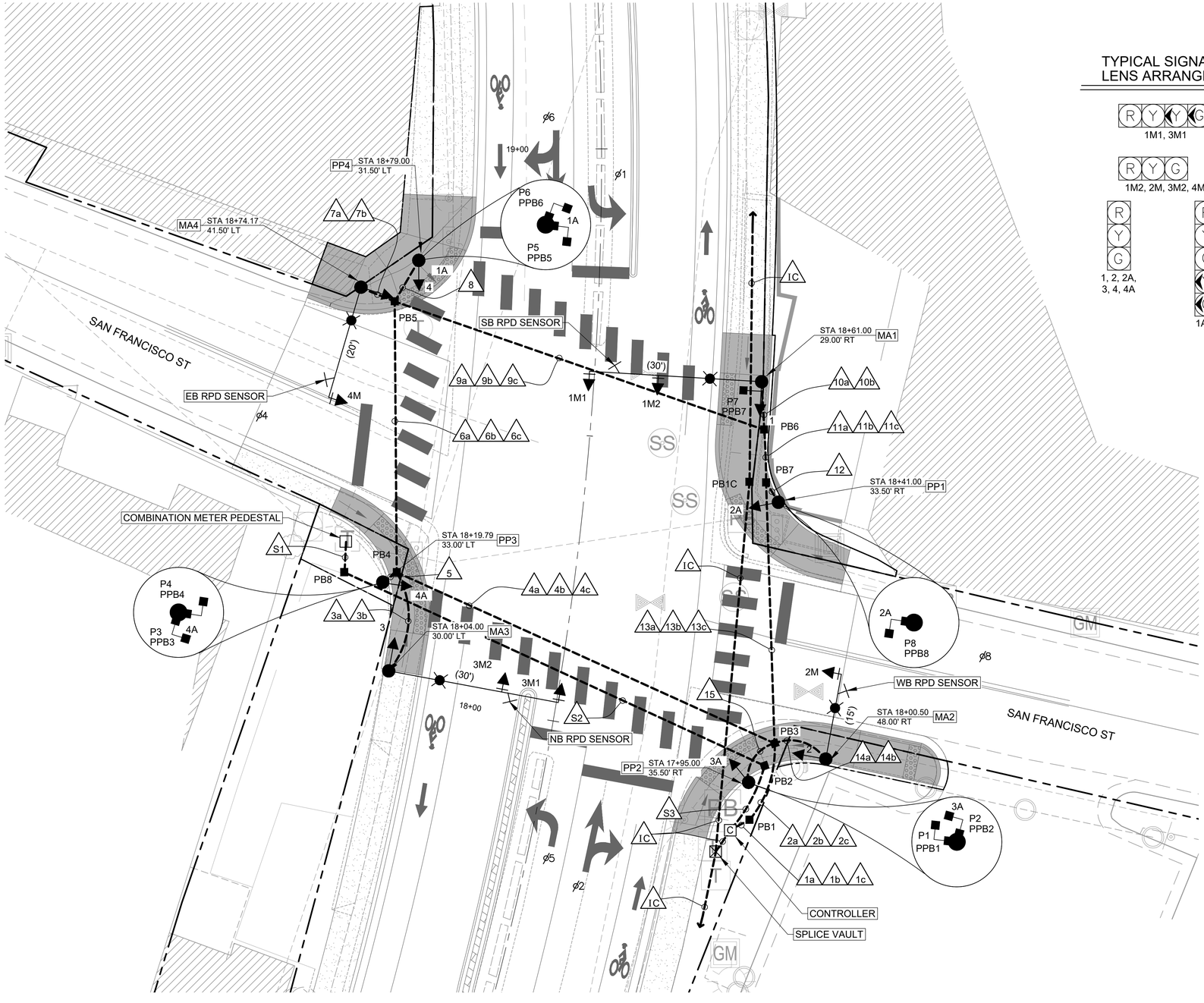
SHEET NO:

9-5

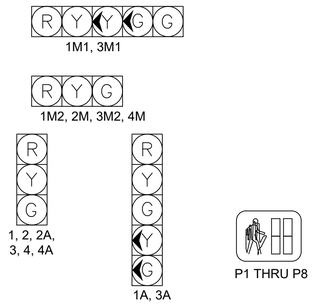
7/28/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 91\176085_SG04.dwg

SIGNAL PHASING





TYPICAL SIGNAL FACE LENS ARRANGEMENTS



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DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

SAN FRANCISCO ST SIGNALIZATION PLAN

SHEET NO:

9-6

A2 SAN FRANCISCO ST SIGNALIZATION PLAN

SCALE: FULL: 1" = 10' / HALF: 1" = 20'

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\176085_SG04.dwg

CONDUIT & CONDUCTOR REQUIREMENTS - TABLE 1

CONDUIT SIZE, LENGTH & TYPE					CONDUCTOR SIZE, LENGTH & TYPE					
RUN ID	LOCATION	TYPE	2 in LF	3 in LF	MCC #5 (# @ LF)	MCC #7 (# @ LF)	MCC #20 (# @ LF)	SCC #6 (# @ LF)	SCC #10 (# @ LF)	RADAR SENSOR LEAD-IN (# @ LF)
1a	CONTROLLER TO PB2	REC		10	2 @ 15		2 @ 15	1 @ 15		
1b	CONTROLLER TO PB2	REC	10						8 @ 15	4 @ 15
1c	CONTROLLER TO PB2	REC		10	2 @ 15		2 @ 15	1 @ 15		
2a	PB2 TO PB3	REC		75	2 @ 80		2 @ 80	1 @ 80		
2b	PB2 TO PB3	REC	75					1 @ 80	4 @ 80	2 @ 80
2c	PB2 TO PB3	REC		75						
3a	PB3 TO MA3	REC		10	2 @ 15	1 @ 15	2 @ 15	1 @ 15		
3b	PB3 TO MA3	REC	10						2 @ 15	1 @ 15
4a	PB3 TO PB4	REC		25	2 @ 30		2 @ 30	1 @ 30		
4b	PB3 TO PB4	REC	25					1 @ 30	2 @ 30	1 @ 30
4c	PB3 TO PB4	REC		25						
5	PB4 TO PP3	REC		10	1 @ 15		1 @ 15			
6a	PB4 TO PB5	REC		55	2 @ 60		2 @ 60	1 @ 60		
6b	PB4 TO PB5	REC	55					1 @ 60	2 @ 60	1 @ 60
6c	PB4 TO PB5	REC		55						
7a	PB5 TO MA4	REC		15	2 @ 20		2 @ 20	1 @ 20		
7b	PB5 TO MA4	REC	15						2 @ 20	1 @ 20
8	PB5 TO PP4	REC		15	1 @ 20		1 @ 20			
9a	PB5 TO PB6	REC		75	2 @ 80		2 @ 80	1 @ 80		
9b	PB5 TO PB6	REC	75							
9c	PB5 TO PB6	REC		75						
10a	PB6 TO MA1	REC		15	2 @ 20	1 @ 20	2 @ 20	1 @ 20		
10b	PB6 TO MA1	REC	15						2 @ 20	1 @ 20
11a	PB6 TO PB7	REC		15	2 @ 20		2 @ 20	1 @ 20		
11b	PB6 TO PB7	REC	15					1 @ 20	2 @ 20	1 @ 20
11c	PB6 TO PB7	REC		15						
12	PB7 TO PP1	REC		10	1 @ 15		1 @ 15			
13a	PB7 TO PB1	REC		60	2 @ 65		2 @ 65	1 @ 65		
13b	PB7 TO PB1	REC	60					1 @ 65	2 @ 65	1 @ 65
13c	PB7 TO PB1	REC		60						
14a	PB1 TO MA2	REC		20	2 @ 25		2 @ 25	1 @ 25		
14b	PB1 TO MA2	REC	20						2 @ 25	1 @ 25
15	PB1 TO PP2	REC		10	1 @ 15		1 @ 15			
16a	PB1 TO PB2	REC		15	2 @ 20		2 @ 20	1 @ 20		
16b	PB1 TO PB2	REC	15					1 @ 20	4 @ 20	2 @ 20
16c	PB1 TO PB2	REC		15						
S1	METER PEDESTAL TO PB8	REC		35				3 @ 40		
S2	PB8 TO CONTROLLER	REC		80				3 @ 85		
	SUBTOTAL TABLE 1 (LF)		390	880	995	35	995	740	1030	515
	SUBTOTAL TABLE 2 (LF)				385	140			360	185
	INTERSECTION TOTAL (LF)		390	880	1380	175	995	740	1390	700
	INTERSECTION USE (LF)		390	880	1380	175	995	740	1390	700

CONDUIT & CONDUCTOR REQUIREMENTS - TABLE 2

	CABLE RUN	CONDUCTOR SIZE, LENGTH & TYPE			
RUN	LOCATION	MCC #5 (# @ LF)	MCC #7 (# @ LF)	SCC #10 (# @ LF)	RADAR SENSOR LEAD-IN (# @ LF)
MA1	BASE TO 1	1 @ 20			
MA1	BASE TO 1M1		1 @ 55		
MA1	BASE TO 1M2	1 @ 45			
MA1	BASE TO RPD				1 @ 50
MA1	BASE TO LUMINAIRE			2 @ 45	
MA1	BASE TO PPB7	1 @ 5			
MA1	BASE TO P7	1 @ 15			
PP1	BASE TO PPB 8	1 @ 5			
PP1	BASE TO P8	1 @ 15			
PP1	BASE TO 2A	1 @ 15			
MA2	BASE TO 2	1 @ 20			
MA2	BASE TO 2M1	1 @ 40			
MA2	BASE TO RPD				1 @ 40
MA2	BASE TO LUMINAIRE			2 @ 45	
PD2	BASE TO PPB1 & PPB2	1 @ 5			
PD2	BASE TO P1 & P2	1 @ 15			
PP2	BASE TO 3A		1 @ 15		
MA3	BASE TO 3	1 @ 20			
MA3	BASE TO 3M1		1 @ 55		
MA3	BASE TO 3M2	1 @ 45			
MA3	BASE TO RPD				1 @ 50
MA3	BASE TO LUMINAIRE			2 @ 45	
PP3	BASE TO PPB3 & PPB4	1 @ 5			
PP3	BASE TO P3 & P4	1 @ 15			
PP3	BASE TO 4A	1 @ 15			
MA4	BASE TO 4	1 @ 20			
MA4	BASE TO 4M	1 @ 45			
MA4	BASE TO RPD				1 @ 45
MA4	BASE TO LUMINAIRE			2 @ 45	
PP4	BASE TO PPB5 & PPB6	1 @ 5			
PP4	BASE TO P5 & P6	1 @ 15			
PP4	BASE TO 1A		1 @ 15		
	SUBTOTAL TABLE 2 (ft)	385	140	360	185

GENERAL NOTES

1. RUN NUMBERS CORRESPOND TO SUBJECT INTERSECTION SIGNAL DESIGN.
2. ALL LENGTHS SHOWN ARE ESTIMATED. BASED ON THE ENGINEERING DRAWINGS. ACTUAL LENGTHS USED IN INSTALLATION MAY VARY AND PAYMENT SHALL BE MADE BASED ON LENGTHS MEASURED IN FIELD.
3. ALL SIGNAL HEADS SHALL INCLUDE VISORS AND SHALL BE DIRECTED TOWARD THE TRAFFIC MOVEMENT FOR WHICH THE SIGNAL HEAD IS INTENDED SO THAT THE INDICATION IS NOT CONFUSING TO CONFLICTING TRAFFIC MOVEMENTS.

WIRING NOTES

1. ALL SPLICES FOR TRAFFIC SIGNAL CABLES WILL BE MADE ABOVE GROUND (IN CABINET OR STANDARD BASE). NO SPLICING OF MCC WILL BE PERMITTED IN PULL BOXES.
2. THE CABLE RUNS BETWEEN THE CONTROLLER CABINET AND TERMINATING MAST ARM BASE SHALL BE ONE CONTINUOUS RUN (NO SPLICING WILL BE PERMITTED).
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4. SPLICING OF COMMUNICATION CABLE WILL NOT BE PERMITTED IN PULL BOXES. SPLICING OF COMMUNICATION CABLE (CONNECTIONS) WILL BE PERMITTED ONLY AT ITS MANHOLES, SPLICE CABINETS, OR CONTROL CABINETS WITH SPLICE BLOCKS. SPLICING OF VIDEO DETECTION COAXIAL CABLE WILL NOT BE PERMITTED BETWEEN THE MASTARM BASE AND THE CONTROLLER CABINET.
5. A BARE COPPER 6 AWG GROUND WIRE SHALL BE RUN IN EVERY CONDUIT FOR EQUIPMENT GROUNDING/TRACING. THE GROUNDING WIRES ARE TO BE INSULATED WITH A WHITE BASE COLOR.
6. RADAR DETECTION AND ITS INSTALLATIONS SHALL COMPLY TO THE MANUFACTURE'S STANDARDS. ALL RADAR EQUIPMENT WIRES ARE TO BE IN A SEPARATE CONDUIT FROM THE 120 VOLT CONDUCTORS.
7. ALL CONDUCTOR CABLES ARE TO BE COPPER.

ABBREVIATIONS

CC 6	COMMUNICATION CABLE - 6-PAIR
CC12	COMMUNICATION CABLE - 12-PAIR
DLLIC	DETECTOR LOOP LEAD IN CABLE
MA	MASTARM
MCC	MULTI-CONDUCTOR CABLE
PB1	PULL BOX NUMBER (SIGNALS)
PBC1	PULL BOX NUMBER (INTERCONNECT)
PP	PEDESTAL POLE
PPB	PEDESTAL PUSH BUTTON
REC	RIGID ELECTRIC CONDUIT
SCC	SINGLE CONDUCTOR CABLE
CAM	VIDEO CAMERA
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SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

SAN FRANCISCO ST
CONDUIT & CABLE
RUNS

SHEET NO:

9-7

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\1760085_SG04.dwg

FUNCTION CHART - 115 VOLT CIRCUIT (SIGNAL & PED HEADS)

CONDUCTOR			RING 1 - MULTI CONDUCTOR CABLE 20		RING 2 - MULTI CONDUCTOR CABLE 20	
CONDUCTOR NUMBER	BASE COLOR	TRACER	FUNCTION	FIELD CONNECTION	FUNCTION	FIELD CONNECTION
1	BLACK	-	SPARE	SPARE	SPARE	SPARE
2	WHITE	-	SPARE	SPARE	SPARE	SPARE
3	RED	-	PHASE 1 RED	RED LEFT TURN ARROW	PHASE 5 RED	RED LEFT TURN ARROW
4	GREEN	-	PHASE 1 GREEN	GREEN LEFT TURN ARROW 3M1, 3A	PHASE 5 GREEN	GREEN LEFT TURN ARROW 1M1, 1A
5	ORANGE	-	PHASE 1 YELLOW	YELLOW LEFT TURN ARROW 3M1, 3A	PHASE 5 YELLOW	YELLOW LEFT TURN ARROW 1M1, 1A
6	BLUE	-	SPARE	SPARE	SPARE	SPARE
7	WHITE	BLACK	SPARE	SPARE	SPARE	SPARE
8	RED	BLACK	PHASE 2 RED	RED BALL 1M1, 1A, 1M2, 1	PHASE 6 RED	RED BALL 3M1, 3A, 3M2, 3
9	GREEN	BLACK	PHASE 2 GREEN	GREEN BALL 1M1, 1A, 1M2, 1	PHASE 6 GREEN	GREEN BALL 3M1, 3A, 3M2, 3
10	ORANGE	BLACK	PHASE 2 YELLOW	YELLOW BALL 1M1, 1A, 1M2, 1	PHASE 6 YELLOW	YELLOW BALL 3M1, 3A, 3M2, 3
11	BLUE	BLACK	PHASE 2 WALK	PEDESTRIAN WALK P1, P8	PHASE 6 WALK	PEDESTRIAN WALK P4, P5
12	BLACK	WHITE	PHASE 2 DON'T WALK	PEDESTRIAN DON'T WALK P1, P8	PHASE 6 DON'T WALK	PEDESTRIAN DON'T WALK P4, P5
13	RED	WHITE	SPARE	SPARE	SPARE	SPARE
14	GREEN	WHITE	SPARE	SPARE	SPARE	SPARE
15	BLUE	WHITE	SPARE	SPARE	SPARE	SPARE
16	BLACK	RED	PHASE 4 RED	RED BALL 2A, 2M, 2	PHASE 8 RED	RED BALL 4A, 4M, 4
17	WHITE	RED	PHASE 4 GREEN	GREEN BALL 2A, 2M, 2	PHASE 8 GREEN	GREEN BALL 4A, 4M, 4
18	ORANGE	RED	PHASE 4 YELLOW	YELLOW BALL 2A, 2M, 2	PHASE 8 YELLOW	YELLOW BALL 4A, 4M, 4
19	BLUE	RED	PHASE 4 WALK	PEDESTRIAN WALK P2, P3	PHASE 8 WALK	PEDESTRIAN WALK P6, P7
20	RED	GREEN	PHASE 4 DON'T WALK	PEDESTRIAN DON'T WALK P2, P3	PHASE 8 DON'T WALK	PEDESTRIAN DON'T WALK P6, P7

FUNCTION CHART - 24 VOLT CIRCUIT[3]

CONDUCTOR		RING 1 - MULTI CONDUCTOR 5		RING 2 - MULTI CONDUCTOR 5	
NUMBER	BASE COLOR	FUNCTION	FIELD CONNECTION	FUNCTION	FIELD CONNECTION
1	BLACK	PHASE 2	P1, P8	SPARE	SPARE
2	WHITE	COMMON	COMMON	COMMON	COMMON
3	RED	PHASE 4	P2, P3	SPARE	SPARE
4	GREEN	SPARE	SPARE	PHASE 6	P4, P5
5	ORANGE	SPARE	SPARE	PHASE 8	P6, P7

RADAR SENSOR LEAD-IN CABLE

FROM	TO	CONDUIT TRACE	NO.	LENGTH
CONTROLLER	MA1 (RPD)	MA1, 11b, 13b, 16b, 1b, 10b	1	190
CONTROLLER	MA2 (RPD)	MA2, 14b, 16b, 1b	1	100
CONTROLLER	MA3 (RPD)	MA3, 3b, 2b, 1b	1	160
CONTROLLER	MA4 (RPD)	MA4, 7b, 6b, 4b, 2b, 1b	1	250
			TOTAL (FT)	700
			USE (FT)	700

GENERAL NOTES

1. FUNCTION CHARTS, CONDUCTOR AND CABLE RUNS SHOW, CORRESPOND TO INTERSECTION SIGNAL DESIGN ON 9-6.
2. IDENTIFY EACH MULTI CONDUCTOR CABLES AS TO ITS PRIMARY PHASE (Ø2, Ø4, Ø6, Ø8) AT THE CONTROLLER AND PULL BOX TERMINATION.
3. ALL MULTI-CONDUCTOR CABLE SHALL BE CONTINUOUS BETWEEN THE CONTROLLER AND DESIGNATED MASTARM BASE. ALL SPLICES SHALL BE MECHANICALLY SECURED BY AN APPROVED SPLICING METHOD AND MADE WATER TIGHT.
4. IDENTIFY CONDUCTORS LISTED AS "PPB - LOW VOLTAGE" AT EACH SPLICE POINT. THIS FIVE (5) CONDUCTOR CABLE SHALL BE 24 VOLTS AND USED FOR PUSH BUTTONS ONLY.

ABBREVIATIONS

CC 6	COMMUNICATION CABLE - 6-PAIR
CC12	COMMUNICATION CABLE - 12-PAIR
DLLIC	DETECTOR LOOP LEAD IN CABLE
MA	MASTARM
MCC	MULTI-CONDUCTOR CABLE
PB1	PULL BOX NUMBER (SIGNALS)
PBC1	PULL BOX NUMBER (INTERCONNECT)
PP	PEDESTAL POLE
PPB	PEDESTAL PUSH BUTTON
REC	RIGID ELECTRIC CONDUIT
SCC	SINGLE CONDUCTOR CABLE
CAM	VIDEO CAMERA
LDW	LOOP DETECTOR WIRE

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

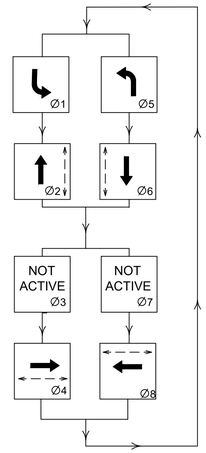
SAN FRANCISCO ST
FUNCTION,
DETECTOR CABLE

SHEET NO:

9-8

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\1760085_SG04.dwg

SIGNAL PHASING



REMOVE OLD SCHOOL FLASHER AND INSTALL NEW (STA 31+06.00, 30' LT)

RELOCATE EXISTING FLASHER CONTROL AND CABINET FROM POLE ON NW CORNER

EXISTING CONDUIT / WIRING TO EXISTING SCHOOL FLASHERS

EXISTING WOOD SERVICE POLE TO BE REMOVED

SB RPD SENSOR

LIGHTING CONTROL CABINET

EXISTING PNM DISTRIBUTION POLE
BUILD TWO NEW SERVICE RISERS
(SIGNAL & LIGHTING) ON SAME BRACKETS

WB RPD SENSOR

REPLACE EXISTING PULL BOX FOR EXISTING FEED TO SCHOOL FLASHERS EAST OF INTERSECTION. CONNECT (3)-#8 SINGLE CONDUCTORS TO EXISTING (3)-#3S.C

EB RPD SENSOR

NB RPD SENSOR

REMOVE OLD SCHOOL FLASHER AND INSTALL NEW (STA 26+35.00, 30' RT)

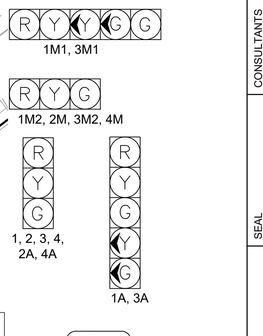
CATRON ST

PARK AVE

PP1 STA 28+87.00 42.50' RT
PP2 STA 29+00.00 31.50' RT
MA1 STA 29+08.00 31.00' RT
PP5 STA 29+04.00 34.00' LT
MA2 STA 28+39.00 42.00' RT
PP3 STA 28+35.00 36.00' RT
MA3 STA 28+31.00 28.00' LT
PP4 STA 28+44.00 29.00' LT
PBP1 STA 28+49.50 28.50' LT
MA4 STA 28+94.30 42.00' LT

PB1 PB2 PB3 PB4 PB5 PB6 PB7 PB8 PB9
P1 PPB1 P2 PPB2 P3 PPB3 P4 P5 PPB5 P6 PPB6 P7 PPB7 P8 PPB8 PPB10 PPB4
ICPB

TYPICAL SIGNAL FACE LENS ARRANGEMENTS



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SHEET TITLE

CATRON ST SIGNALIZATION PLAN

SHEET NO:

9-9

A2 CATRON ST SIGNALIZATION PLAN

SCALE: FULL: 1" = 10' / HALF: 1" = 20'

7/28/2022 M:\MSD\17-600-085-001\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\176085_SG04.dwg

CONDUIT & CONDUCTOR REQUIREMENTS - TABLE 1

CONDUIT SIZE, LENGTH & TYPE					CONDUCTOR SIZE, LENGTH & TYPE					
RUN ID	LOCATION	TYPE	2 in LF	3 in LF	MCC #5 (# @ LF)	MCC #7 (# @ LF)	MCC #20 (# @ LF)	SCC #6 (# @ LF)	SCC #10 (# @ LF)	RADAR SENSOR LEAD-IN (# @ LF)
1a	CONTROLLER TO PB1			10	2 @ 15		2 @ 15	1 @ 15		
1b	CONTROLLER TO PB1			10					8 @ 15	4 @ 15
1c	CONTROLLER TO PB1			10	2 @ 15		2 @ 15	1 @ 15		
2a	PB1 TO PB2			25	2 @ 30		2 @ 30	1 @ 30		
2b	PB1 TO PB2		25						4 @ 30	2 @ 30
2c	PB1 TO PB2			25						
3	PB2 TO PP2			15	2 @ 20					
4	PB2 TO PP1			15	1 @ 20		1 @ 20			
5a	PB2 TO PB3			65	2 @ 70		2 @ 70	1 @ 70		
5b	PB2 TO PB3		65					1 @ 70	4 @ 70	2 @ 70
5c	PB2 TO PB3			65						
6a	PB3 TO MA2			15	2 @ 20		2 @ 20	1 @ 20		
6b	PB3 TO MA2		15						2 @ 20	1 @ 20
7	PB3 TO PP3			10	1 @ 15		1 @ 15			
8a	PB3 TO PB4			75	2 @ 80		2 @ 80	1 @ 80		
8b	PB3 TO PB4		75					1 @ 80	2 @ 80	1 @ 80
8c	PB3 TO PB4			75						
9a	PB4 TO MA3			10	2 @ 15	1 @ 15	2 @ 15	1 @ 15		
9b	PB4 TO MA3		10						2 @ 15	1 @ 15
10	PB4 TO PP4			15	1 @ 20		1 @ 20			
11a	PB4 TO PB5			30	2 @ 35		2 @ 35	1 @ 35		
11b	PB4 TO PB5		30							
11c	PB4 TO PB5			30						
12a	PB5 TO PB6			50	2 @ 55		2 @ 55	1 @ 55		
12b	PB5 TO PB6		50							
12c	PB5 TO PB6			50						
13a	PB6 TO MA4			10	2 @ 15		2 @ 15	1 @ 15		
13b	PB6 TO MA4		10						2 @ 15	1 @ 15
14	PB6 TO PP5			15	1 @ 20		1 @ 20			
15a	PB6 TO PB7			25	2 @ 30		2 @ 30	1 @ 30		
15b	PB6 TO PB7		25					1 @ 30	2 @ 30	1 @ 30
15c	PB6 TO PB7			25						
16a	PB7 TO PB1			65	2 @ 70		2 @ 70	1 @ 70		
16b	PB7 TO PB1		65					1 @ 70	2 @ 70	1 @ 70
16c	PB7 TO PB1			65						
17a	PB1 TO MA1			10	2 @ 15	1 @ 15	2 @ 15	1 @ 15		
17b	PB1 TO MA1		10						2 @ 15	1 @ 15
18	PP4 TO PBP1			15	1 @ 20					
19	PB8 TO PB7			10				3 @ 15		
20	PB3 TP PB10			20				3 @ 25		
21	PB3 TO SCHOOL FLASHER			215				3 @ 220		
22	PB7 TO SCHOOL FLASHER			185				3 @ 190		
S1	METER TO PB8			10				3 @ 15		
S2	PB8 TO PB9			70				3 @ 75		
S3	PB9 TO CONTROLLER			10				3 @ 15		
	SUBTOTAL TABLE 1 (LF)		380	1350	1065	30	1005	2380	1010	505
	SUBTOTAL TABLE 2 (LF)				420	140			360	190
	INTERSECTION TOTAL (LF)		380	1350	1485	170	1005	2380	1370	695
	INTERSECTION USE (LF)		380	1350	1485	170	1005	2380	1370	695

CONDUIT & CONDUCTOR REQUIREMENTS - TABLE 2

	CABLE RUN	CONDUCTOR SIZE, LENGTH & TYPE			
RUN	LOCATION	MCC #5 (# @ LF)	MCC #7 (# @ LF)	SCC #10 (# @ LF)	RADAR SENSOR LEAD-IN (# @ LF)
MA1	BASE TO 1	1 @ 20			
MA1	BASE TO 1M1		1 @ 55		
MA1	BASE TO 1M2	1 @ 45			
MA1	BASE TO RPD				1 @ 50
MA1	BASE TO LUMINAIRE			2 @ 45	
PP1	BASE TO PPB8	1 @ 5			
PP1	BASE TO P8	1 @ 15			
PP1	BASE TO 2A	1 @ 15			
PP2	BASE TO PPB7	1 @ 5			
PP2	BASE TO P7	1 @ 15			
MA2	BASE TO 2	1 @ 20			
MA2	BASE TO 2M	1 @ 45			
MA2	BASE TO RPD				1 @ 45
MA2	BASE TO PPB1	1 @ 5			
MA2	BASE TO P1	1 @ 15			
MA2	BASE TO LUMINAIRE			2 @ 45	
PP3	BASE TO PPB2	1 @ 5			
PP3	BASE TO P2	1 @ 15			
PP3	BASE TO 3A		1 @ 15		
MA3	BASE TO 3	1 @ 20			
MA3	BASE TO 3M1		1 @ 55		
MA3	BASE TO 3M2	1 @ 40			
MA3	BASE TO RPD				1 @ 50
MA3	BASE TO LUMINAIRE			2 @ 45	
PP4	BASE TO PPB3	1 @ 5			
PP4	BASE TO P3	1 @ 15			
PP4	BASE TO P4	1 @ 15			
PBP1	BASE TO PPB4	1 @ 15			
MA4	BASE TO 4	1 @ 20			
MA4	BASE TO 4M	1 @ 45			
MA4	BASE TO PPD				1 @ 45
MA4	BASE TO LUMINAIRE			2 @ 45	
PP5	BASE TO PPB5 & PPB6	1 @ 5			
PP5	BASE TO P5 & P6	1 @ 15			
PP5	BASE TO 1A		1 @ 15		
	SUBTOTAL TABLE 2 (ft)	420	140	360	190

GENERAL NOTES

1. RUN NUMBERS CORRESPOND TO SUBJECT INTERSECTION SIGNAL DESIGN.
2. ALL LENGTHS SHOWN ARE ESTIMATED. BASED ON THE ENGINEERING DRAWINGS. ACTUAL LENGTHS USED IN INSTALLATION MAY VARY AND PAYMENT SHALL BE MADE BASED ON LENGTHS MEASURED IN FIELD.
3. ALL SIGNAL HEADS SHALL INCLUDE VISORS AND SHALL BE DIRECTED TOWARD THE TRAFFIC MOVEMENT FOR WHICH THE SIGNAL HEAD IS INTENDED SO THAT THE INDICATION IS NOT CONFUSING TO CONFLICTING TRAFFIC MOVEMENTS.

WIRING NOTES

1. ALL SPLICES FOR TRAFFIC SIGNAL CABLES WILL BE MADE ABOVE GROUND (IN CABINET OR STANDARD BASE). NO SPLICING OF MCC WILL BE PERMITTED IN PULL BOXES.
2. THE CABLE RUNS BETWEEN THE CONTROLLER CABINET AND TERMINATING MAST ARM BASE SHALL BE ONE CONTINUOUS RUN (NO SPLICING WILL BE PERMITTED).
3. THE CABLE RUNS BETWEEN THE POWER SERVICE DISCONNECT AND THE CONTROLLER CABINET SHALL BE ONE CONTINUOUS RUN (NO SPLICING WILL BE PERMITTED).
4. SPLICING OF COMMUNICATION CABLE WILL NOT BE PERMITTED IN PULL BOXES. SPLICING OF COMMUNICATION CABLE (CONNECTIONS) WILL BE PERMITTED ONLY AT ITS MANHOLES, SPLICE CABINETS, OR CONTROL CABINETS WITH SPLICE BLOCKS. SPLICING OF VIDEO DETECTION COAXIAL CABLE WILL NOT BE PERMITTED BETWEEN THE MASTARM BASE AND THE CONTROLLER CABINET.
5. A BARE COPPER 6 AWG GROUND WIRE SHALL BE RUN IN EVERY CONDUIT FOR EQUIPMENT GROUNDING/TRACING. THE GROUNDING WIRES ARE TO BE INSULATED WITH A WHITE BASE COLOR.
6. RADAR DETECTION AND ITS INSTALLATIONS SHALL COMPLY TO THE MANUFACTURE'S STANDARDS. ALL RADAR EQUIPMENT WIRES ARE TO BE IN A SEPARATE CONDUIT FROM THE 120 VOLT CONDUCTORS.
7. ALL CONDUCTOR CABLES ARE TO BE COPPER.

ABBREVIATIONS

CC 6	COMMUNICATION CABLE - 6-PAIR
CC12	COMMUNICATION CABLE - 12-PAIR
DLLIC	DETECTOR LOOP LEAD IN CABLE
MA	MASTARM
MCC	MULTI-CONDUCTOR CABLE
PB1	PULL BOX NUMBER (SIGNALS)
PBC1	PULL BOX NUMBER (INTERCONNECT)
PP	PEDESTAL POLE
PPB	PEDESTAL PUSH BUTTON
REC	RIGID ELECTRIC CONDUIT
SCC	SINGLE CONDUCTOR CABLE
CAM	VIDEO CAMERA
LDW	LOOP DETECTOR WIRE

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SHEET TITLE

CATRON ST
CONDUIT & CABLE
RUNS

SHEET NO:

9-10

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\1760085_SG04.dwg

FUNCTION CHART - 115 VOLT CIRCUIT (SIGNAL & PED HEADS)

CONDUCTOR			RING 1 - MULTI CONDUCTOR CABLE 20		RING 2 - MULTI CONDUCTOR CABLE 20	
CONDUCTOR NUMBER	BASE COLOR	TRACER	FUNCTION	FIELD CONNECTION	FUNCTION	FIELD CONNECTION
1	BLACK	-	SPARE	SPARE	SPARE	SPARE
2	WHITE	-	SPARE	SPARE	SPARE	SPARE
3	RED	-	PHASE 1 RED	RED LEFT TURN ARROW	PHASE 5 RED	RED LEFT TURN ARROW
4	GREEN	-	PHASE 1 GREEN	GREEN LEFT TURN ARROW 3M1, 3A	PHASE 5 GREEN	GREEN LEFT TURN ARROW 1M1, 1A
5	ORANGE	-	PHASE 1 YELLOW	YELLOW LEFT TURN ARROW 3M1, 3A	PHASE 5 YELLOW	YELLOW LEFT TURN ARROW 1M1, 1A
6	BLUE	-	SPARE	SPARE	SPARE	SPARE
7	WHITE	BLACK	SPARE	SPARE	SPARE	SPARE
8	RED	BLACK	PHASE 2 RED	RED BALL 1M1, 1A, 1M2, 1	PHASE 6 RED	RED BALL 3M1, 3A, 3M2, 3
9	GREEN	BLACK	PHASE 2 GREEN	GREEN BALL 1M1, 1A, 1M2, 1	PHASE 6 GREEN	GREEN BALL 3M1, 3A, 3M2, 3
10	ORANGE	BLACK	PHASE 2 YELLOW	YELLOW BALL 1M1,1A, 1M2, 1	PHASE 6 YELLOW	YELLOW BALL 3M1, 3A, 3M2, 3
11	BLUE	BLACK	PHASE 2 WALK	PEDESTRIAN WALK P1, P8	PHASE 6 WALK	PEDESTRIAN WALK P4, P5
12	BLACK	WHITE	PHASE 2 DON'T WALK	PEDESTRIAN DON'T WALK P1, P8	PHASE 6 DON'T WALK	PEDESTRIAN DON'T WALK P4, P5
13	RED	WHITE	SPARE	SPARE	SPARE	SPARE
14	GREEN	WHITE	SPARE	SPARE	SPARE	SPARE
15	BLUE	WHITE	SPARE	SPARE	SPARE	SPARE
16	BLACK	RED	PHASE 4 RED	RED BALL 2A, 2M, 2	PHASE 8 RED	RED BALL 4A, 4M, 4
17	WHITE	RED	PHASE 4 GREEN	GREEN BALL 2A, 2M, 2	PHASE 8 GREEN	GREEN BALL 4A, 4M, 4
18	ORANGE	RED	PHASE 4 YELLOW	YELLOW BALL 2A, 2M, 2	PHASE 8 YELLOW	YELLOW BALL 4A, 4M, 4
19	BLUE	RED	PHASE 4 WALK	PEDESTRIAN WALK P2, P3	PHASE 8 WALK	PEDESTRIAN WALK P6, P7
20	RED	GREEN	PHASE 4 DON'T WALK	PEDESTRIAN DON'T WALK P2, P3	PHASE 8 DON'T WALK	PEDESTRIAN DON'T WALK P6, P7

FUNCTION CHART - 24 VOLT CIRCUIT[3]

CONDUCTOR		RING 1 - MULTI CONDUCTOR 5		RING 2 - MULTI CONDUCTOR 5	
NUMBER	BASE COLOR	FUNCTION	FIELD CONNECTION	FUNCTION	FIELD CONNECTION
1	BLACK	PHASE 2	P1, P8	SPARE	SPARE
2	WHITE	COMMON	COMMON	COMMON	COMMON
3	RED	PHASE 4	P2, P3	SPARE	SPARE
4	GREEN	SPARE	SPARE	PHASE 6	P4, P5
5	ORANGE	SPARE	SPARE	PHASE 8	P6, P7

RADAR SENSOR LEAD-IN CABLE

FROM	TO	CONDUIT TRACE	NO.	LENGTH
MA1 (RPD)	CONTROLLER	MA1, 17b, 1b	1	80
MA2 (RPD)	CONTROLLER	MA2, 6b, 5b, 2b, 1b	1	180
MA3 (RPD)	CONTROLLER	MA3, 9b, 8b, 5b, 2b, 1b	1	260
MA4 (RPD)	CONTROLLER	MA4, 13b, 15b, 16b, 1b	1	175
			TOTAL (FT)	695
			USE (FT)	695

GENERAL NOTES

1. FUNCTION CHARTS, CONDUCTOR AND CABLE RUNS SHOW, CORRESPOND TO INTERSECTION SIGNAL DESIGN ON 9-9.
2. IDENTIFY EACH MULTI CONDUCTOR CABLES AS TO ITS PRIMARY PHASE (Ø2, Ø4, Ø6, Ø8) AT THE CONTROLLER AND PULL BOX TERMINATION.
3. ALL MULTI-CONDUCTOR CABLE SHALL BE CONTINUOUS BETWEEN THE CONTROLLER AND DESIGNATED PULL BOXES. ALL SPLICES ARE TO BE MADE IN THE DESIGNATED ADJACENT PULL BOXES, SHALL BE MECHANICALLY SECURED BY AN APPROVED SPLICING METHOD AND MADE WATER TIGHT.
4. IDENTIFY CONDUCTORS LISTED AS "PPB - LOW VOLTAGE" AT EACH SPLICE POINT. THIS FIVE (5) CONDUCTOR CABLE SHALL BE 24 VOLTS AND USED FOR PUSH BUTTONS ONLY.

ABBREVIATIONS

CC 6	COMMUNICATION CABLE - 6-PAIR
CC12	COMMUNICATION CABLE - 12-PAIR
DLLIC	DETECTOR LOOP LEAD IN CABLE
MA	MASTARM
MCC	MULTI-CONDUCTOR CABLE
PB1	PULL BOX NUMBER (SIGNALS)
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PP	PEDESTAL POLE
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CONSULTANTS

SEAL

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PROFESSIONAL ENGINEER
07/29/2022

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SANTA FE, NM
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SHEET TITLE
CATRON ST
FUNCTION,
DETECTOR CABLE

SHEET NO:
9-11

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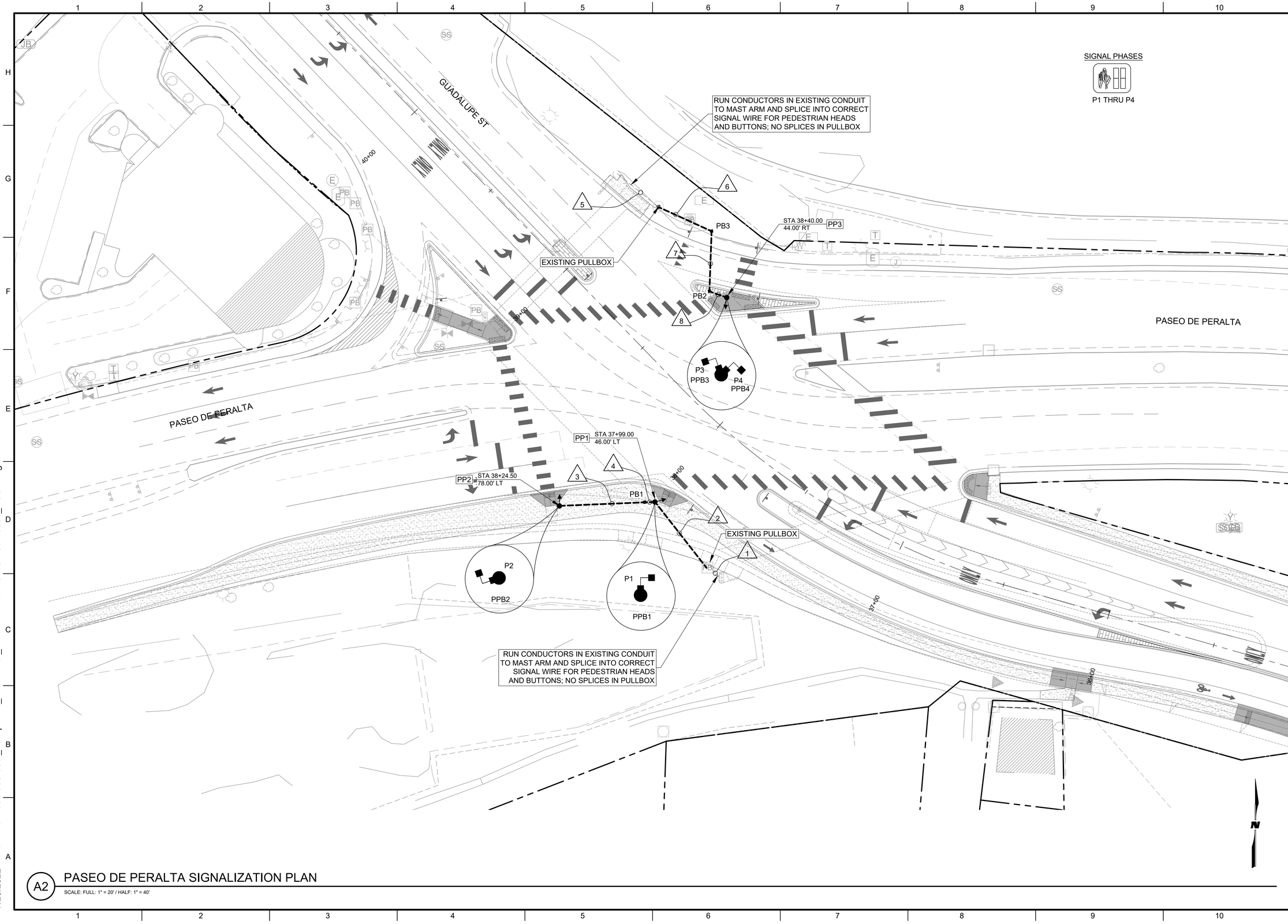

A2 PASEO DE PERALTA SIGNALIZATION PLAN

SCALE: FULL: 1" = 20' / HALF: 1" = 40'

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PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

PASEO DE PERALTA SIGNALIZATION PLAN

SHEET NO:

9-12

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\1760085_SG04.dwg

CONDUIT & CONDUCTOR REQUIREMENTS - TABLE 1

CONDUIT SIZE, LENGTH & TYPE					CONDUCTOR SIZE, LENGTH & TYPE							
RUN ID	LOCATION	TYPE	2 in LF	3 in LF	MCC #5 (# @ LF)	MCC #7 (# @ LF)	MCC #20 (# @ LF)	SCC #6 (# @ LF)	SCC #10 (# @ LF)	OPT DET (# @ LF)	RADAR SENSOR LEAD-IN (# @ LF)	CCTV CABLE (# @ LF)
1	EXISTING MA TO EXISTING PB			15	2 @ 20							
2	EXISTING PB TO PB1			50	2 @ 55							
3	PB1 TO PP2			45	2 @ 50							
4	PB1 TO PP1			10	2 @ 15							
5	EXISTING MA TO EXISTING PB			30	2 @ 35							
6	EXISTING PB TO PB3			35	2 @ 40							
7	PB3 TO PB2			35	2 @ 40							
8	PB2 TO PP3			15	2 @ 20							
	SUBTOTAL TABLE 1 (LF)			235	440							
	SUBTOTAL TABLE 2 (LF)				60							
	INTERSECTION TOTAL (LF)			235	500							
	INTERSECTION USE (LF)			235	500							

CONDUIT & CONDUCTOR REQUIREMENTS - TABLE 2

	CABLE RUN	CONDUCTOR SIZE, LENGTH & TYPE					
RUN	LOCATION	MCC #5 (# @ LF)	MCC #7 (# @ LF)	SCC #10 (# @ LF)	OPT DET (# @ LF)	RADAR SENSOR LEAD-IN (# @ LF)	CCTV CAMERA (# @ LF)
PP1	BASE TO P1	1 @ 15					
PP1	BASE TO PPB1	1 @ 5					
PP2	BASE TO P2	1 @ 15					
PP2	BASE TO PPB2	1 @ 5					
PP3	BASE TO P3 & P4	1 @ 15					
PP3	BASE TO PPB3 & PPB4	1 @ 5					
	SUBTOTAL TABLE 2 (ft)	60	0	0	0	0	0

GENERAL NOTES

1. RUN NUMBERS CORRESPOND TO SUBJECT INTERSECTION SIGNAL DESIGN.
2. ALL LENGTHS SHOWN ARE ESTIMATED. BASED ON THE ENGINEERING DRAWINGS. ACTUAL LENGTHS USED IN INSTALLATION MAY VARY AND PAYMENT SHALL BE MADE BASED ON LENGTHS MEASURED IN FIELD.
3. ALL SIGNAL HEADS SHALL INCLUDE VISORS AND SHALL BE DIRECTED TOWARD THE TRAFFIC MOVEMENT FOR WHICH THE SIGNAL HEAD IS INTENDED SO THAT THE INDICATION IS NOT CONFUSING TO CONFLICTING TRAFFIC MOVEMENTS.

WIRING NOTES

1. ALL SPLICES FOR TRAFFIC SIGNAL CABLES WILL BE MADE ABOVE GROUND (IN CABINET OR STANDARD BASE). NO SPLICING OF MCC WILL BE PERMITTED IN PULL BOXES.
2. THE CABLE RUNS BETWEEN THE CONTROLLER CABINET AND TERMINATING MAST ARM BASE SHALL BE ONE CONTINUOUS RUN (NO SPLICING WILL BE PERMITTED).
3. THE CABLE RUNS BETWEEN THE POWER SERVICE DISCONNECT AND THE CONTROLLER CABINET SHALL BE ONE CONTINUOUS RUN (NO SPLICING WILL BE PERMITTED).
4. SPLICING OF COMMUNICATION CABLE WILL NOT BE PERMITTED IN PULL BOXES. SPLICING OF COMMUNICATION CABLE (CONNECTIONS) WILL BE PERMITTED ONLY AT ITS MANHOLES, SPLICE CABINETS, OR CONTROL CABINETS WITH SPLICE BLOCKS. SPLICING OF VIDEO DETECTION COAXIAL CABLE WILL NOT BE PERMITTED BETWEEN THE MASTARM BASE AND THE CONTROLLER CABINET.
5. A BARE COPPER 6 AWG GROUND WIRE SHALL BE RUN IN EVERY CONDUIT FOR EQUIPMENT GROUNDING/TRACING. THE GROUNDING WIRES ARE TO BE INSULATED WITH A WHITE BASE COLOR.
6. RADAR DETECTION AND ITS INSTALLATIONS SHALL COMPLY TO THE MANUFACTURE'S STANDARDS. ALL RADAR EQUIPMENT WIRES ARE TO BE IN A SEPARATE CONDUIT FROM THE 120 VOLT CONDUCTORS.
7. ALL CONDUCTOR CABLES ARE TO BE COPPER.

ABBREVIATIONS

CC 6	COMMUNICATION CABLE - 6-PAIR
CC12	COMMUNICATION CABLE - 12-PAIR
DLLIC	DETECTOR LOOP LEAD IN CABLE
MA	MASTARM
MCC	MULTI-CONDUCTOR CABLE
PB1	PULL BOX NUMBER (SIGNALS)
PBC1	PULL BOX NUMBER (INTERCONNECT)
PP	PEDESTAL POLE
PPB	PEDESTAL PUSH BUTTON
REC	RIGID ELECTRIC CONDUIT
SCC	SINGLE CONDUCTOR CABLE
CAM	VIDEO CAMERA
LDW	LOOP DETECTOR WIRE

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NEW MEXICO
07/29/2022

PROJECT NAME

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REV.	DATE	DESCRIPTION	BY

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NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

PASEO DE PERALTA CONDUIT SHEET

SHEET NO:

9-13

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\1760085_SG04.dwg

FUNCTION CHART - 115 VOLT CIRCUIT (SIGNAL & PED HEADS)

CONDUCTOR			RING 1 - MULTI CONDUCTOR CABLE 20		RING 2 - MULTI CONDUCTOR CABLE 20	
CONDUCTOR NUMBER	BASE COLOR	TRACER	FUNCTION	FIELD CONNECTION	FUNCTION	FIELD CONNECTION
1	BLACK	-	SPARE	SPARE	SPARE	SPARE
2	WHITE	-	SPARE	SPARE	SPARE	SPARE
3	RED	-	EX	EX	EX	EX
4	GREEN	-	EX	EX	EX	EX
5	ORANGE	-	EX	EX	EX	EX
6	BLUE	-	SPARE	SPARE	SPARE	SPARE
7	WHITE	BLACK	SPARE	SPARE	SPARE	SPARE
8	RED	BLACK	EX	EX	EX	EX
9	GREEN	BLACK	EX	EX	EX	EX
10	ORANGE	BLACK	EX	EX	EX	EX
11	BLUE	BLACK	PHASE 2 WALK	PEDESTRIAN WALK P4	PHASE 6 WALK	PEDESTRIAN WALK P2
12	BLACK	WHITE	PHASE 2 DON'T WALK	PEDESTRIAN DON'T WALK P4	PHASE 6 DON'T WALK	PEDESTRIAN DON'T WALK P2
13	RED	WHITE	EX	EX	EX	EX
14	GREEN	WHITE	EX	EX	EX	EX
15	BLUE	WHITE	EX	EX	EX	EX
16	BLACK	RED	EX	EX	EX	EX
17	WHITE	RED	EX	EX	EX	EX
18	ORANGE	RED	EX	EX	EX	EX
19	BLUE	RED	PHASE 4 WALK	PEDESTRIAN WALK P1	PHASE 8 WALK	PEDESTRIAN WALK P3
20	RED	GREEN	PHASE 4 DON'T WALK	PEDESTRIAN DON'T WALK P1	PHASE 8 DON'T WALK	PEDESTRIAN DON'T WALK P3

FUNCTION CHART - 24 VOLT CIRCUIT[3]

CONDUCTOR		RING 1 - MULTI CONDUCTOR 5		RING 2 - MULTI CONDUCTOR 5	
NUMBER	BASE COLOR	FUNCTION	FIELD CONNECTION	FUNCTION	FIELD CONNECTION
1	BLACK	PHASE 2	P4	SPARE	SPARE
2	WHITE	COMMON	COMMON	COMMON	COMMON
3	RED	PHASE 4	P1	SPARE	SPARE
4	GREEN	SPARE	SPARE	PHASE 6	P2
5	ORANGE	SPARE	SPARE	PHASE 8	P3

GENERAL NOTES

1. FUNCTION CHARTS, CONDUCTOR AND CABLE RUNS SHOW, CORRESPOND TO INTERSECTION SIGNAL DESIGN ON XX.
2. IDENTIFY EACH MULTI CONDUCTOR CABLES AS TO ITS PRIMARY PHASE (Ø2, Ø4, Ø6, Ø8) AT THE CONTROLLER AND PULL BOX TERMINATION.
3. ALL MULTI-CONDUCTOR CABLE SHALL BE CONTINUOUS BETWEEN THE CONTROLLER AND DESIGNATED PULL BOXES. ALL SPLICES ARE TO BE MADE IN THE DESIGNATED ADJACENT PULL BOXES, SHALL BE MECHANICALLY SECURED BY AN APPROVED SPLICING METHOD AND MADE WATER TIGHT.
4. IDENTIFY CONDUCTORS LISTED AS "PPB - LOW VOLTAGE" AT EACH SPLICE POINT. THIS FIVE (5) CONDUCTOR CABLE SHALL BE 24 VOLTS AND USED FOR PUSH BUTTONS ONLY.

ABBREVIATIONS

CC 6	COMMUNICATION CABLE - 6-PAIR
CC12	COMMUNICATION CABLE - 12-PAIR
DLLIC	DETECTOR LOOP LEAD IN CABLE
MA	MASTARM
MCC	MULTI-CONDUCTOR CABLE
PB1	PULL BOX NUMBER (SIGNALS)
PBC1	PULL BOX NUMBER (INTERCONNECT)
PP	PEDESTAL POLE
PPB	PEDESTAL PUSH BUTTON
REC	RIGID ELECTRIC CONDUIT
SCC	SINGLE CONDUCTOR CABLE
CAM	VIDEO CAMERA
LDW	LOOP DETECTOR WIRE

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07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

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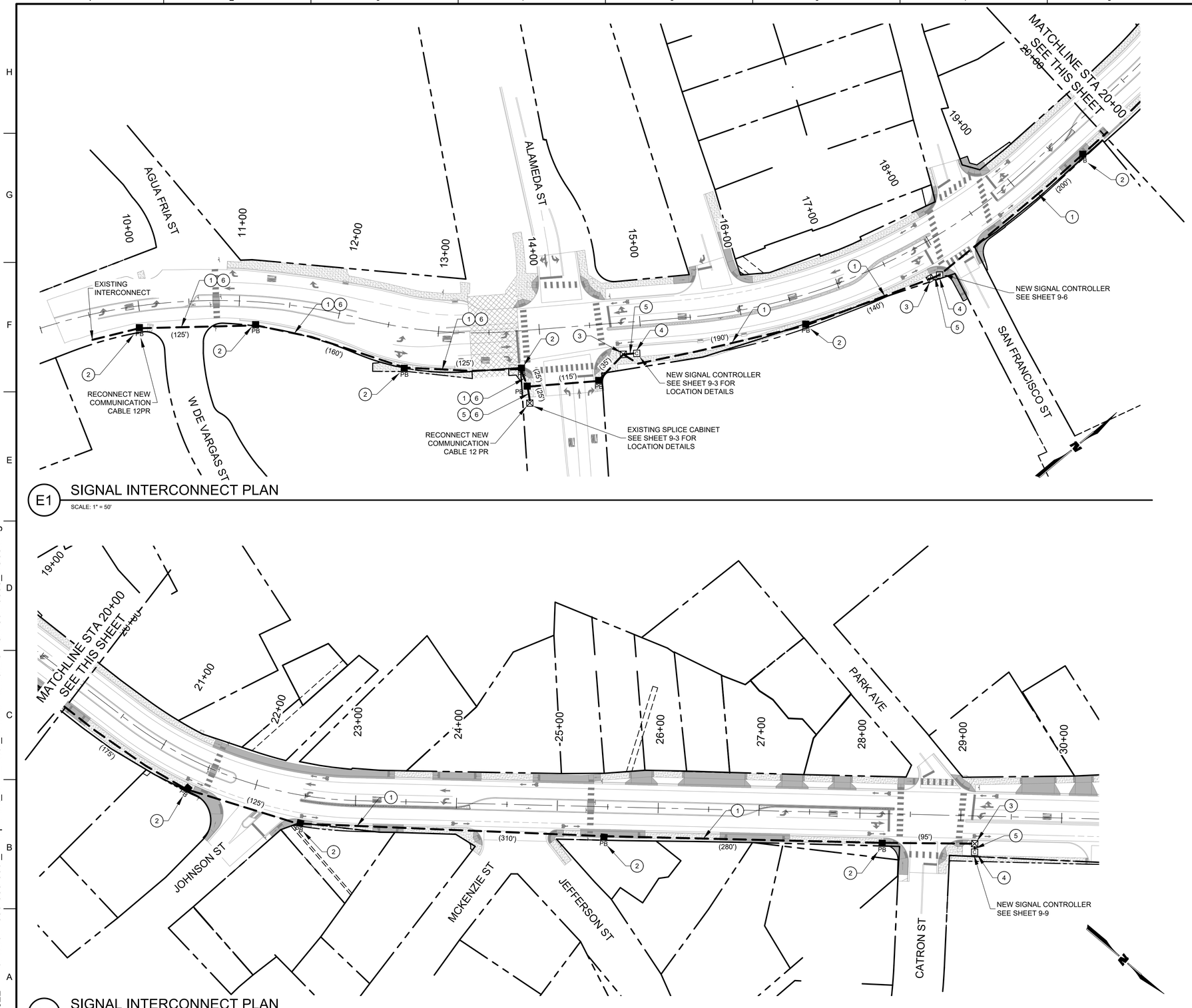
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
PASEO DE PERALTA FUNCTION, DETECTOR CABLE

SHEET NO:
9-14

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\176085_SG04.dwg



E1 SIGNAL INTERCONNECT PLAN

SCALE: 1" = 50'

A1 SIGNAL INTERCONNECT PLAN

SCALE: 1" = 50'

GENERAL SHEET NOTES

1. REFER TO SHEET 9-3 FOR ALAMEDA ST SIGNALIZATION PLAN.
2. REFER TO SHEET 9-6 FOR SAN FRANCISO ST SIGNALIZATION PLAN.
3. REFER TO SHEET 9-9 FOR PARK AVE/CATRON ST SIGNALIZATION PLAN.
4. ALL 4" CONDUIT FOR INTERCONNECT SHALL INCLUDE A BARE #8 COPPER WIRE AND A NYLON PULL WIRE.
5. LOCATE TYPE 'C' PULL BOXES APPROXIMATELY AS SHOWN AS TO PERMIT THE INSTALLATION OF FUTURE FIBER OPTIC CABLE.

KEYNOTES

1. INSTALL 4" CONDUIT (REC).
2. INSTALL TYPE C PULL BOX.
3. INSTALL SPLICE VAULT.
4. INSTALL SIGNAL CONTROLLER.
5. INSTALL 3" CONDUIT TO NEW SIGNAL CONTROLLER / EXISTING SPLICE CABINET PULL BOX.
6. INSTALL NEW COMMUNICATION CABLE 12 PAIR TO EXISTING SPLICE CABINET.

LEGEND

- PB — TYPE 'C' PULL BOX
- ⊠ — SPLICE VAULT
- — — — CONDUIT

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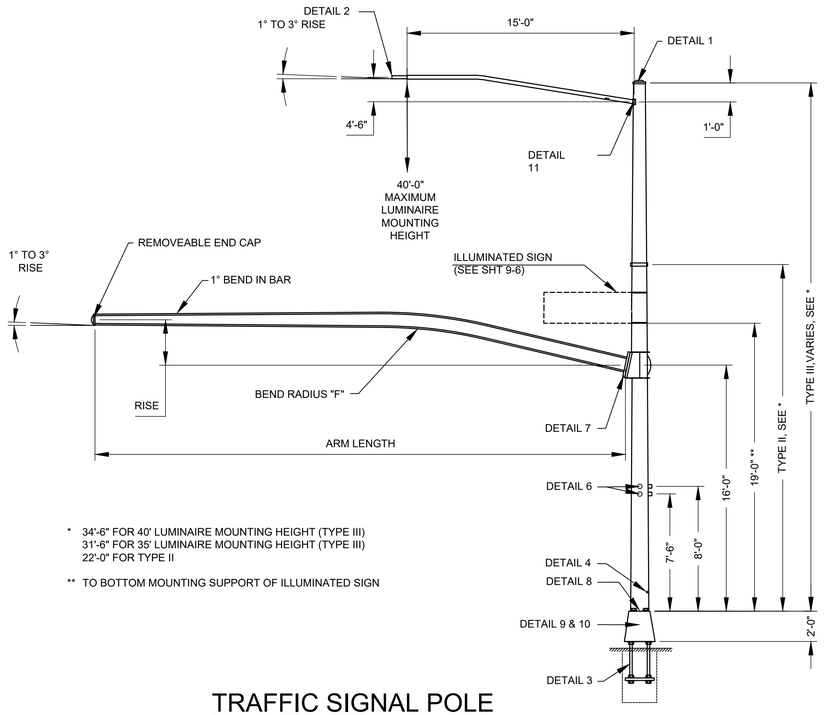
SHEET TITLE

SIGNAL INTERCONNECT PLAN

SHEET NO:

9-15

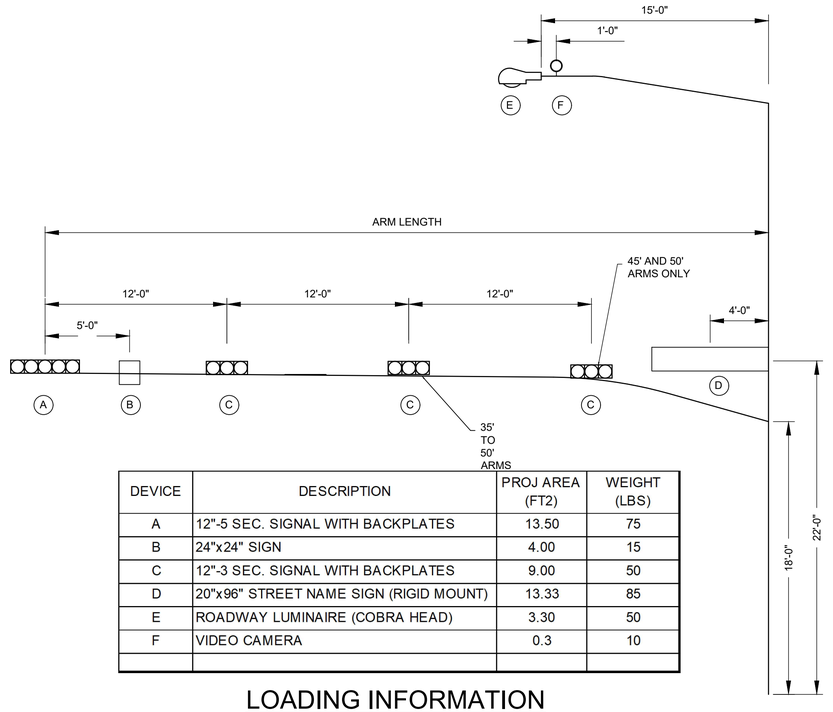
7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\176085_SG05.dwg



* 34'-6" FOR 40' LUMINAIRE MOUNTING HEIGHT (TYPE III)
31'-6" FOR 35' LUMINAIRE MOUNTING HEIGHT (TYPE III)
22'-0" FOR TYPE II

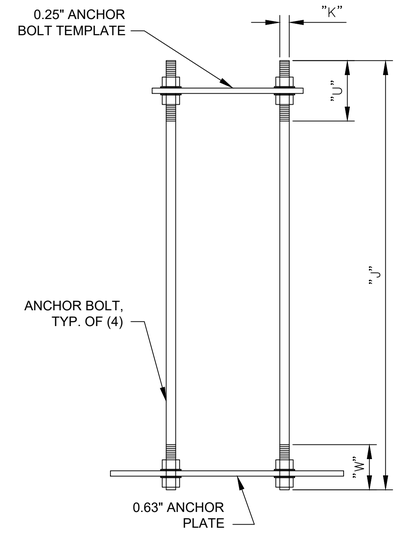
** TO BOTTOM MOUNTING SUPPORT OF ILLUMINATED SIGN

TRAFFIC SIGNAL POLE

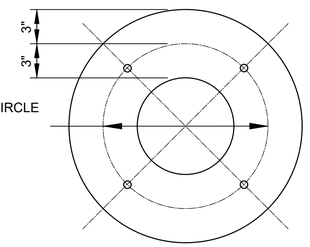


DEVICE	DESCRIPTION	PROJ AREA (FT2)	WEIGHT (LBS)
A	12"-5 SEC. SIGNAL WITH BACKPLATES	13.50	75
B	24"x24" SIGN	4.00	15
C	12"-3 SEC. SIGNAL WITH BACKPLATES	9.00	50
D	20"x96" STREET NAME SIGN (RIGID MOUNT)	13.33	85
E	ROADWAY LUMINAIRE (COBRA HEAD)	3.30	50
F	VIDEO CAMERA	0.3	10

LOADING INFORMATION



SIDE VIEW



ANCHOR PLATE - PLAN VIEW

VIBRATION WARNING

MAST ARMS MAY BE SUBJECT TO POSSIBLE HARMONIC VERTICAL VIBRATIONS IN LIGHT WIND CONDITIONS DUE TO SPECIFIC COMBINATIONS OF SIGNAL NUMBERS, WEIGHTS OR POSITIONS, ARM-WIND ORIENTATION AND ARM-POLE STIFFNESS.

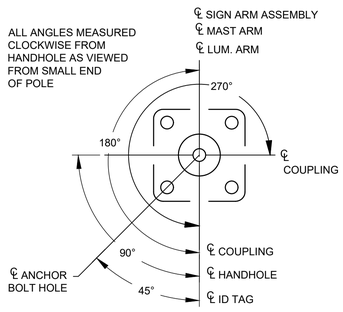
ARMS SHALL BE VISUALLY INSPECTED IN 5 TO 20 MPH WIND CONDITIONS AFTER INSTALLATION AND IF VERTICAL MOVEMENTS WITH A TOTAL EXCURSION (MAX POSITIVE TO MAX NEGATIVE) OF MORE THAN APPROXIMATELY 8" ARE OBSERVED AT THE ARM TIP, DAMPING DEVICES OR OTHER MEANS SHALL BE FITTED TO THE ARMS.

THE NECESSARY DAMPING DEVICE(S) OR OTHER REMEDIAL MEASURES SHALL BE AS RECOMMENDED BY THE MANUFACTURER.

EXCESSIVE VIBRATIONS SHALL NOT BE ALLOWED TO CONTINUE FOR MORE THAN TWO DAYS.

DESIGN CRITERIA

2009 AASHTO STANDARD SPECIFICATION FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS.
- 50 YEAR DESIGN LIFE/RECURRENCE INTERVAL
- FATIGUE CATEGORY III
- GALLOPING-INDUCED CYCLIC LOADS INCLUDED
- TRUCK-INDUCED FATIGUE INCLUDED
- WIND VELOCITY = 90 MPH



RADIAL INDEX

DETAIL 3 - ANCHOR BOLT ASSEMBLY

1. ANCHOR BOLTS: SEE ANCHOR BOLT DATA THIS SHEET FOR MATERIALS SPECIFICATIONS. PROVIDE FULLY GALVANIZED ANCHOR BOLTS W/ (4) HEX NUTS, (2) WASHERS AND (4) LOCKWASHERS PER BOLT.
2. STRUCTURAL STEEL (ANCHOR PLATE): CONFORM TO AASHTO M-183 (ASTM A-36).
3. DRILL HOLES IN ANCHOR PLATE 1/8" LARGER THAN BOLT DIAMETER.
4. SEE RADIAL INDEX THIS SHEET FOR ANCHOR BOLT PLAN ORIENTATION.
5. SEE SHEET 9-18 FOR ANCHOR BOLT POSITION IN FOUNDATION AND POLE ANCHORAGE INSTALLATION NOTES.

ARM LENGTH (FT)	POLE TYPE	POLE DATA				BASE PLATE DATA				ANCHOR BOLT ASSEMBLY DATA				
		POLE LENGTH (FT)	POLE BASE DIA. (IN)	POLE TOP DIA. (IN)	GAUGE OR THKNESS (IN)	SQUARE "S" (IN)	BOLT CIRCLE "Y" (IN)	THICKNESS "M" (IN)	HOLE DIA. "Z" (IN)	DIA. "K" (IN)	LENGTH "J" (IN)	THREAD LENGTH "U" (IN)	THREAD LENGTH "W" (IN)	BOLT CIRCLE "T" (IN)
20-30	A	34.50 (22.00*)	12.00	7.17	7	14.88	15.50	1.50	1.50	1.50	72.00	9.00	9.00	16.00
35-40	B	34.50 (22.00*)	13.00	8.17	3	18.00	19.00	1.75	1.75	1.75	72.00	9.00	9.00	24.00
45-50	C	34.50 (22.00*)	13.50	8.67	0.313	18.00	19.00	1.75	1.75	1.75	72.00	9.00	9.00	24.00

* FOR TYPE II POLES

MATERIAL DATA					
COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)	COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)
TAPERED TUBES	A595 GR. A OR A572	55			
POLE BASE	A36	36	SIGN ARM SHAFT	A53	36
ARM ATTACHMENT	A36	36	SIGN ARM CLAMP	A36	36
CONNECTING BOLTS	A325	-	SIGN ARM CONN. BOLTS	A325	-
ANCHOR BOLTS	F1554	55	GALVANIZING	A123	

SIGNAL ARM ATTACHMENT DATA										
ARM LENGTH (FT)	ARM BASE DIA. (IN)	THICK/ GAUGE	BOLT PATTERN "B" (IN)	HIGH STRENGTH BOLT "H" (IN)	PLATE SQUARE "A" (IN)	PLATE THICKNESS "C" (IN)	GUSSET THICKNESS "D" (IN)	RISE ANGLE "X"	BEND RADIUS "F" (FT)	RISE (FT)
20	8.00	7	13.50	1.25-7UNC x 5.00	18.5	1.50	0.25	16	30.00	3.00
25	9.00	7	13.50	1.25-7UNC x 5.00	18.5	1.50	0.25	16	30.00	3.00
30	10.00	7	13.50	1.25-7UNC x 5.00	18.5	1.50	0.25	16	30.00	3.25
35	11.00	7	13.50	1.25-7UNC x 5.00	19.75	1.50	0.25	11°	70.00	3.00
40	11.00	3	15.00	1.25-7UNC x 5.00	19.75	1.50	0.25	11°	70.00	3.25
45	12.50	5	15.00	1.25-7UNC x 5.00	19.75	1.50	0.25	11°	70.00	3.50
50	12.50	3	15.00	1.25-7UNC x 5.00	19.75	1.50	0.25	11°	70.00	3.50

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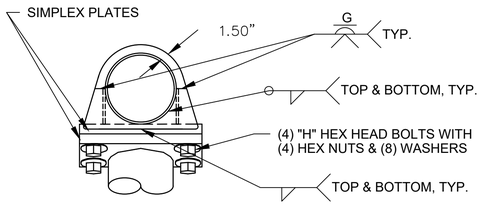
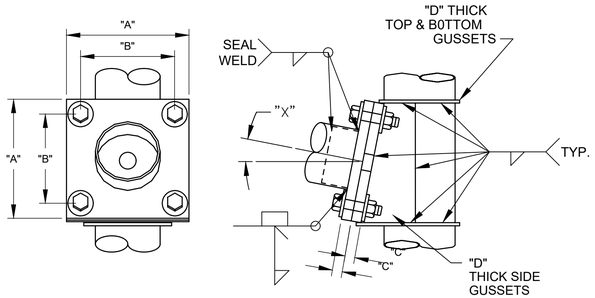
SHEET TITLE
TRAFFIC SIGNAL MASTARM DETAILS

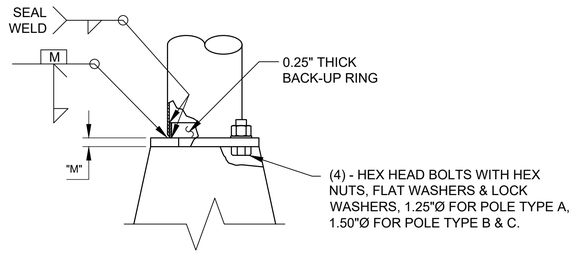
SHEET NO:
9-16

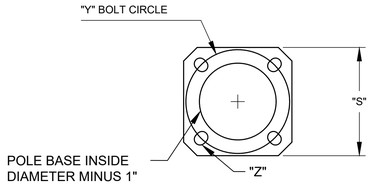
7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\176085_SG01a.dwg



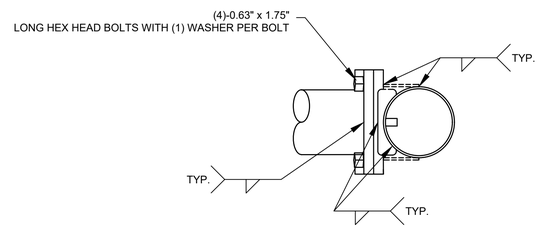


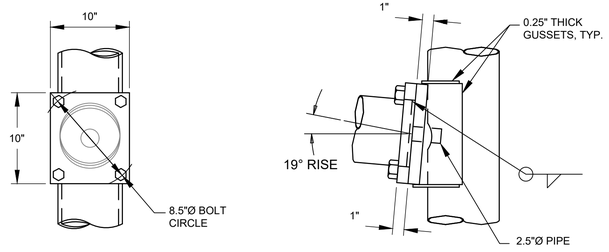
DETAIL 7 - SIGNAL ARM ATTACHMENT



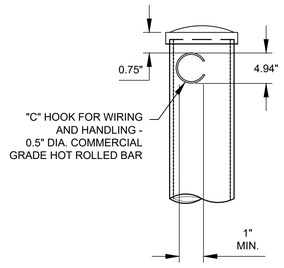


DETAIL 8 - POLE BASE

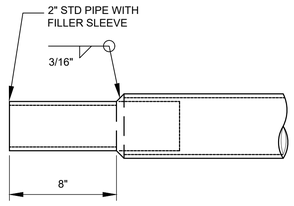




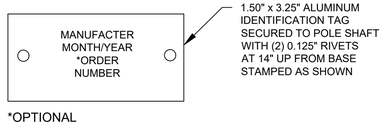
DETAIL 11 - LUMINAIRE ARM ATTACHMENT



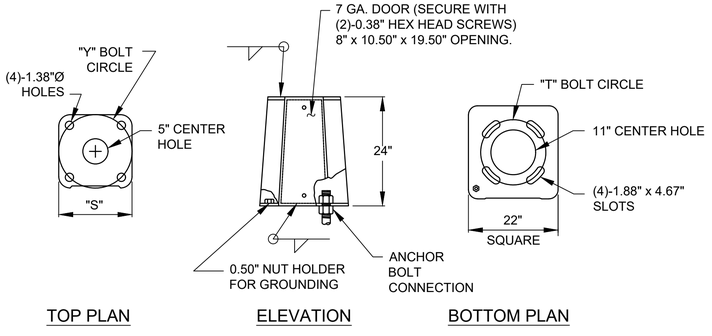
DETAIL 1 - POLE TOP



DETAIL 2 - LUMINAIRE ARM END TENON

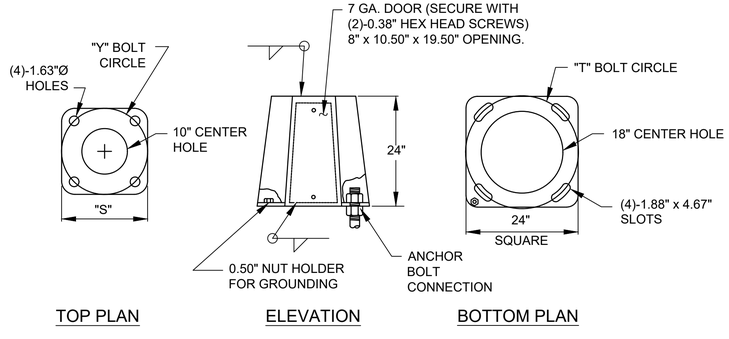


DETAIL 4 - POLE I.D TAG



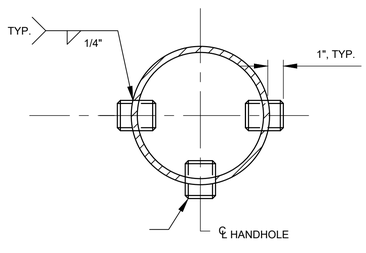
NOTE: TOP & BOTTOM PLATES ARE 1.25" THICK, SIDE WALLS ARE 0.229" THICK.

DETAIL 9 - TRANSFORMER BASE (POLE TYPE A)



NOTE: TOP & BOTTOM PLATES ARE 1.75" THICK, SIDE WALLS ARE 0.25" THICK.

DETAIL 10 - TRANSFORMER BASE (POLE TYPE B & C)



DETAIL 6 - POLE COUPLINGS

WILSON &COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

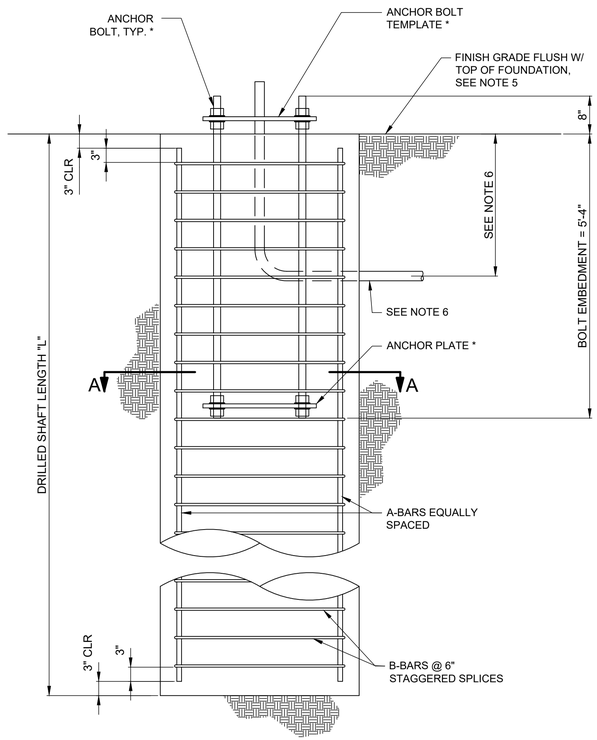
SHEET TITLE

TRAFFIC SIGNAL
MASTARM DETAILS

SHEET NO:

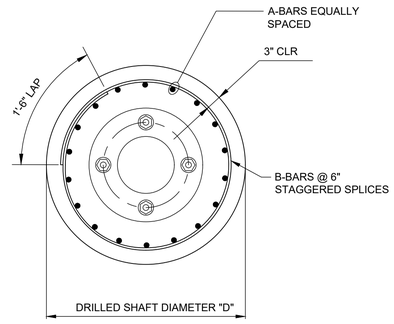
9-17

7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 91\176085_SG01a.dwg



FOUNDATION ELEVATION

* SEE DETAIL 3 - ANCHOR BOLT ASSEMBLY DETAIL, AND ANCHOR BOLT DATA (SHEET 1 OF 4) FOR COMPLETE DETAILS.



SECTION A-A

DRILLED SHAFTS

SIGNAL POLE MAST ARM LENGTH (ft)	DRILLED SHAFT DIAMETER 'D' (in)	DRILLED SHAFT LENGTH 'L' (ft)	A-BARS			B-BARS			ESTIMATED QUANTITIES		
			SIZE	NO.	LENGTH	SIZE	NO.	LENGTH	CONCRETE (cu. yd.)	BARS (lbs.)	EXCAVATION (cu. yd.) *
20-30	36	11	#8	14	10'-6"	#4	22	9'-4"	2.9	530	3
35-50	42	12	#8	18	11'-6"	#4	24	11'-0"	4.3	730	4

NOTES:
DRILLED SHAFT LENGTH 'L' IS MEASURED AS THE LENGTH OF SHAFT IN SOIL
* FOR CONTRACTOR'S INFORMATION ONLY

POLE ANCHORAGE INSTALLATION NOTES

1. INSTALL THE POLE BASE USING DOUBLE-NUT MOMENT JOINTS WITH WASHERS UNDER BOTH NUTS.
2. DO NOT EXCEED A DISTANCE OF ONE ANCHOR BOLT DIA. BETWEEN TOP OF THE FOUNDATION AND BOTTOM OF LEVELING NUT.
3. USE A HYDRAULIC TORQUE WRENCH OR A BOX END WRENCH WITH AN EXTENSION HANDLE TO TIGHTEN ALL CONNECTIONS. LUBRICATE THE THREADS OF THE ANCHOR ROD, NUT, AND BEARING SURFACE BEFORE TIGHTENING. TIGHTEN USING A "STAR" PATTERN TIGHTENING SEQUENCE. TIGHTEN ALL CONNECTIONS TO A SNUG-TIGHT CONDITION PLUS AN ADDITIONAL 1/6 TURN.
4. DO NOT GROUT BETWEEN THE BOTTOM OF THE TRANSFORMER BASE AND THE TOP OF THE FOUNDATION.

FOUNDATION NOTES

1. CONCRETE: CONFORM TO NMDOT SPECIFICATIONS, SECTION 510 - PORTLAND CEMENT CONCRETE, FOR CLASS "G" CONCRETE.
2. REINFORCING STEEL: CONFORM TO AASHTO M-31 (ASTM A 615 GRADE 60). DIMENSIONS SHOWN REFER TO THE CENTERLINE OF BARS UNLESS NOTED OTHERWISE.
3. PLACE CONCRETE IN DRILLED HOLES. USE CASING WHERE REQUIRED BY SOIL CONDITIONS. PULL CASING DURING CONCRETE PLACEMENT, MAINTAINING A 6" MINIMUM OVERLAP.
4. CONSTRUCT FOUNDATIONS IN UNDISTURBED EARTH OR IN DISTURBED SOILS THAT HAVE BEEN COMPACTED TO 95% DENSITY IN ACCORDANCE WITH AASHTO T 180.
5. FINISHED GRADE FOR ALL FOUNDATIONS TO BE DETERMINED BY THE PROJECT ENGINEER. CONSTRUCT TOP OF STANDARD FOUNDATIONS FLUSH WITH ADJACENT SIDEWALK OR PAVED AREAS WHEN PRESENT AND CONFORM TO THE AMERICANS WITH DISABILITIES ACT.
6. REFER TO PROJECT SIGNAL PLANS FOR ELECTRICAL CONDUIT DETAILS AND TYPES. FURNISHING AND INSTALLING ELECTRICAL CONDUIT IS INCIDENTAL TO THE FOUNDATION CONSTRUCTION.
7. INSTALL COPPERWELD GROUND RODS AS REQUIRED BY THE PROJECT SIGNAL PLANS AND SPECIFICATIONS. FURNISHING AND INSTALLING COPPERWELD GROUND RODS IS INCIDENTAL TO THE FOUNDATION CONSTRUCTION.
8. FOUNDATION DETAILS SHOWN ARE FOR THE TRAFFIC SIGNAL STANDARD DIAMETERS INDICATED. IF A LARGER DIAMETER IS FURNISHED, CONSTRUCT A LARGER DIAMETER FOUNDATION AS DETERMINED BY THE PROJECT ENGINEER. NO ADDITIONAL PAYMENT OR COMPENSATION WILL BE MADE.
9. FOUNDATION DESIGN IS BASED ON THE DATA SHOWN BELOW. WHERE SOIL CONDITIONS DIFFER SIGNIFICANTLY FROM THOSE DESCRIBED BELOW, IN TERMS OF SOIL TYPE AND/OR STRENGTH, CONSULT WITH PROJECT ENGINEER TO DETERMINE REMEDIAL MEASURES PRIOR TO FOUNDATION CONSTRUCTION. WHERE DEEMED NECESSARY BY THE PROJECT ENGINEER, PROVIDE ALTERNATE FOUNDATION DESIGNS, SEALED BY A NEW MEXICO REGISTERED ENGINEER, TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

DESIGN DATA

DESIGN SPECIFICATIONS: 2009 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.

CONCRETE: f'c = 3.0 KSI
STEEL REINFORCING: fy = 60 KSI
ANCHOR BOLTS: fy = 55 KSI

ASSUMED SOIL DESIGN PARAMETERS (LOOSE TO MEDIUM DENSE SANDY SOILS):

NON - COHESIVE SOIL
SOIL UNIT WEIGHT, γ = 110 lb/ft3
INTERNAL FRICTION ANGLE, φ = 26°
SOIL MODULUS, k = 90 lb/in3
THE TOP 1.0 FT OF SOIL IS IGNORED FOR DESIGN

WIND SPEED: 90 MPH
TRUCK GUST: INCLUDED
GALLOPING: INCLUDED

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
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PHONE: 505-348-4000
FAX: 505-348-4072
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CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME
GUADALUPE ST RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

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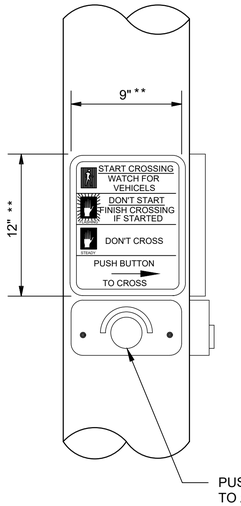
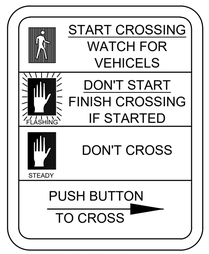
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
TRAFFIC SIGNAL MASTARM DETAILS

SHEET NO:
9-18

7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\176085_SG01b.dwg

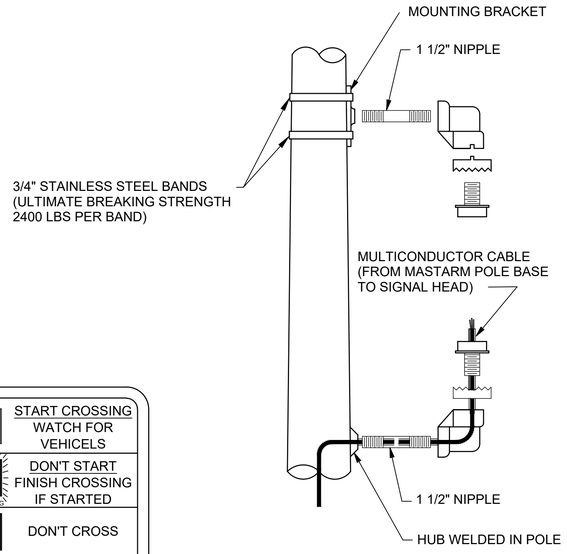




R10-3b (R or L)

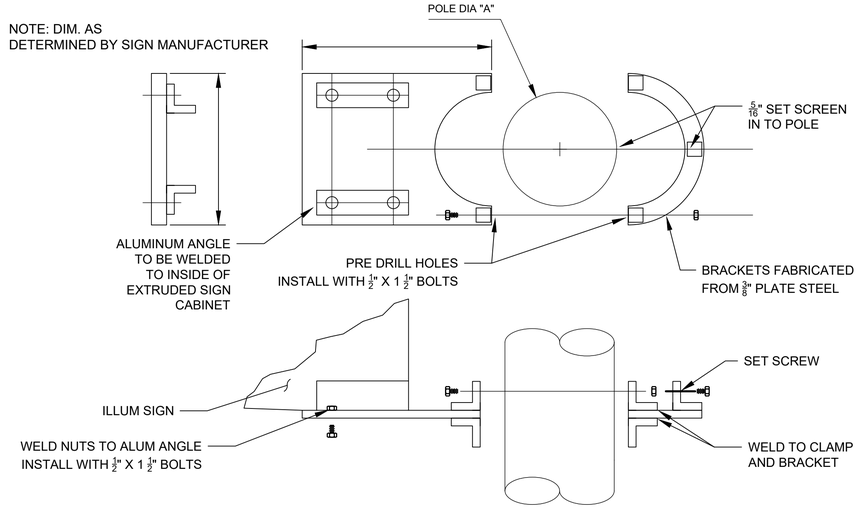
* * USE SMALLER SIZE FOR TYPE I PEDESTAL POLES

PUSH BUTTON DETAIL



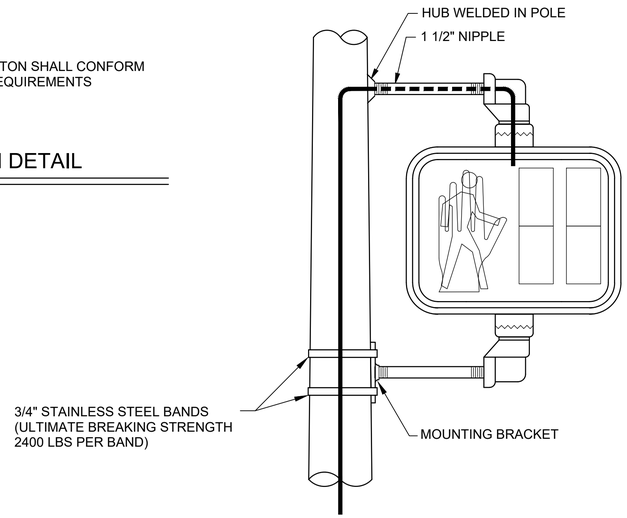
SIDE VIEW

SIDE OF POLE MOUNTING DETAIL

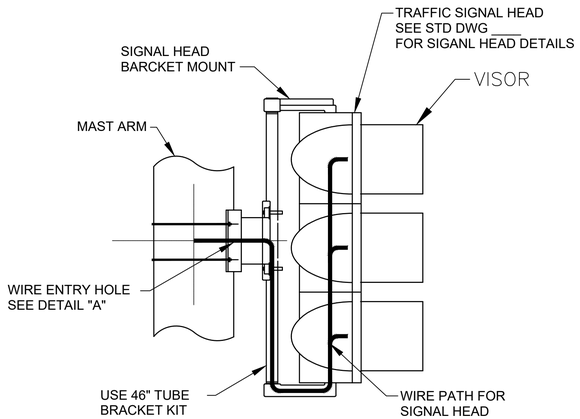


NOTE: TWO (2) REQD (TOP AND BOTTOM OF SIGN) BRACKETS TO BE FURNISHED BY SIGN SUPPLIER SHALL BE SUBMITTED TO THE CITY OF SANTA FE TRAFFIC ENGINEERING FOR ACCEPTANCE AND APPROVAL PRIOR TO BIDDING.

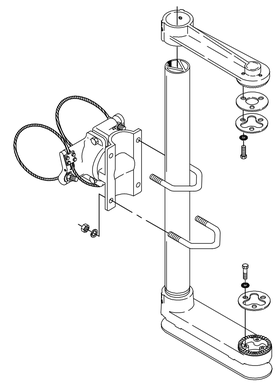
ILLUM SIGN SUPPORT BRACKETS



PEDESTRIAN SIGNAL MOUNTING DETAIL



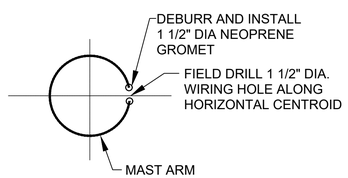
MASTARM MOUNTING DETAIL



SIGNAL HEAD BRACKET MOUNT

NOTE:

1. PEDESTRIAN ACTUATED CROSSING CONTROLS SHALL BE A MAXIMUM OF 42" ABOVE THE FINISHED PUBLIC SIDEWALK. A STABLE, FIRM, AND SLIP-RESISTANT AREA - 30" x 48" - SHALL BE PROVIDED TO ALLOW FOR A FOWARD OR A PARALLEL APPROACH TO THE CONTROLS. WHERE A PARALLEL IS PROVIDED. CONTROLS SHALL BE WITHIN 10" HORIZONTALLY OF AND CENTERED ON THE CLEAR GROUND SPACE.
2. ALL SIGNS TO BE MOUNTED ON TRAFFIC SIGNAL ARMS SHALL BE ATTACHED WITH 3/4" STAINLESS STEEL BANDS, BREAKING STRENGTH OF 2400 LBS PER BAND, AND ASSOCIATED HARDWARE (BAND-IT OR EQUAL). WORM GEAR CLAMPS ARE NOT ACCEPTABLE.
3. PUSH BUTTON SHALL BE BULLDOG TYPE.



DETAIL "A"

NOTES: MAST ARM MOUNTING DETAILS

1. SIGNAL HEAD BRACKET MOUNT SHALL PERMIT BOTH HORIZONTAL AND VERTICAL MOUNTING OF SIGNALS ON THE MAST ARM AND PERMIT LEVELING ADJUSTMENT FOR ARM RISE.
2. PROVIDE AND INSTALL SIGNAL HEAD BRACKET MOUNT. PROVIDE SLACK IN WIRE IN THE MAST ARM SO SIGNAL HEAD CAN ADJUST UP AND DOWN THE FULL EXTENT OF THE TUBE.
3. FIELD DRILL 1 1/2" DIAMETER WIRING HOLE ALONG THE HORIZONTAL CENTROID OF THE MAST ARM AT EACH SIGNAL HEAD LOCATION. DEBURR AND INSTALL NEOPRENE GROMMET FOR WIRE PROTECTION PRIOR TO INSTALLING SIGNAL HEAD BRACKET.

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

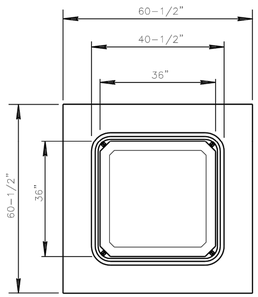
TRAFFIC SIGNAL MASTARM DETAILS

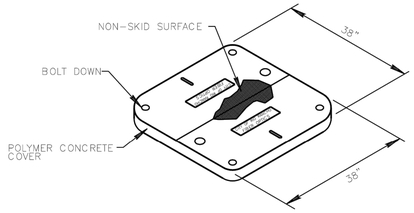
SHEET NO:

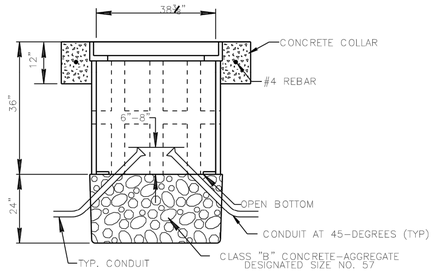
9-19

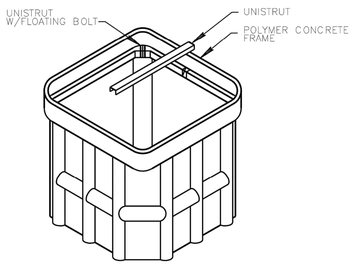
7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\176085_SG01c.dwg

FIBER OPTIC SPLICE VAULT





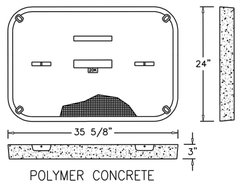




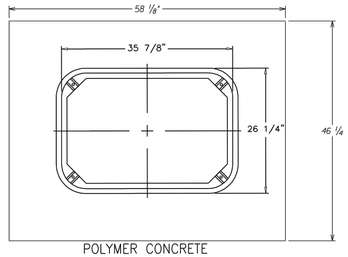
NOTE:

1. ELEVATION OF TOP OF VAULT SHALL BE EQUAL WITH TOP OF CURB, OR PAVEMENT EDGE IN LOCATIONS WITHOUT CURB.
2. THE CONCRETE IN THE COLLAR SHALL BE PORTLAND CEMENT, EXTERIOR CONCRETE, f'c=3000 PSI AT 28 DAYS
3. THE CONCRETE COLLAR SHALL BE CONSIDER INCIDENTAL TO THE FIBER VAULT BID ITEM

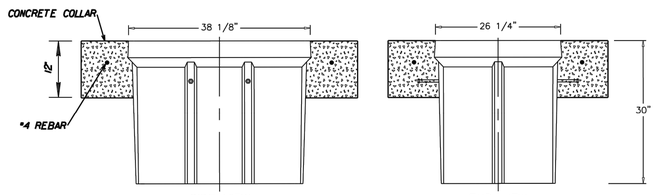
TYPE C TRAFFIC SIGNAL PULLBOX DETAILS



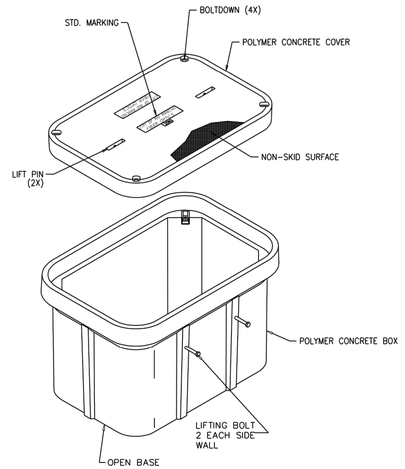
POLYMER CONCRETE COVER



POLYMER CONCRETE BOX PLAN VIEW



SIDE VIEW END VIEW



APPROX. WT. = 376 LBS.

WILSON & COMPANY
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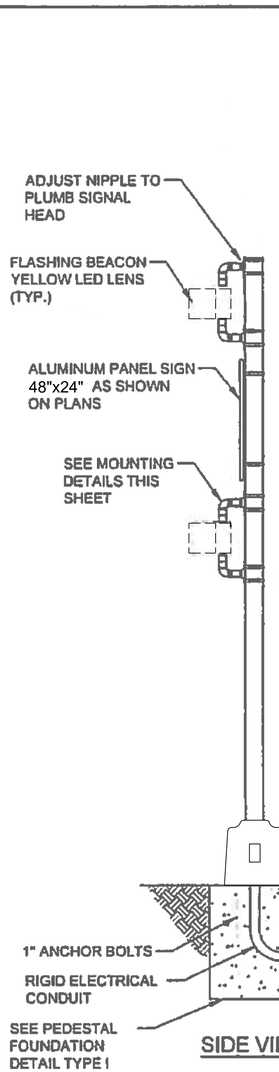
SHEET TITLE

PULLBOX AND SPLICE VAULT DETAILS

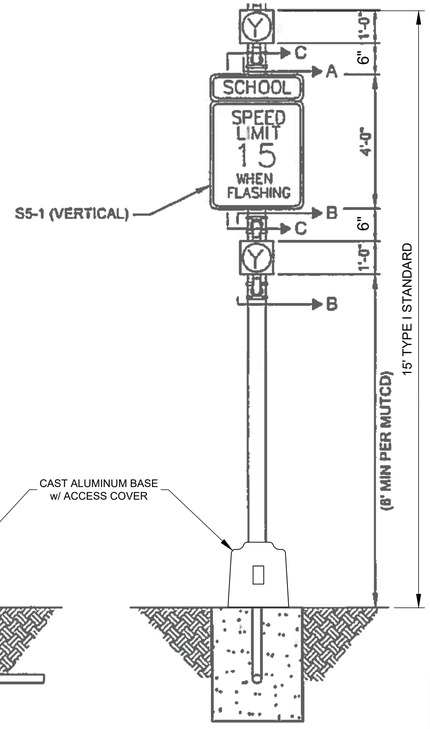
SHEET NO:

9-20

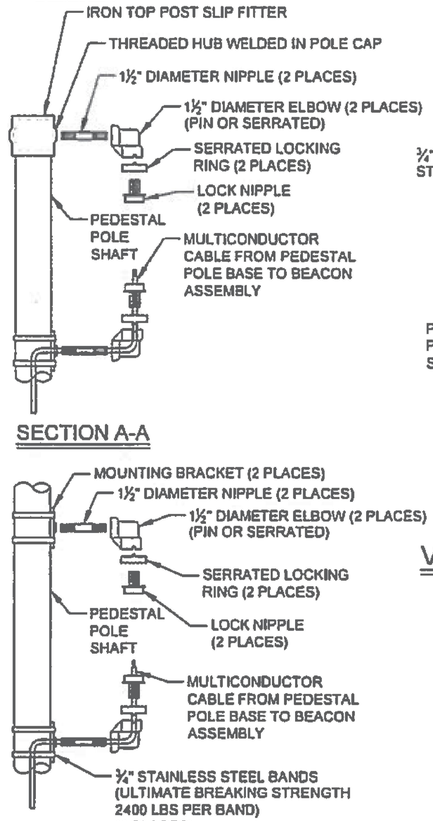
7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\1760085_SG01d.dwg



SIDE VIEW

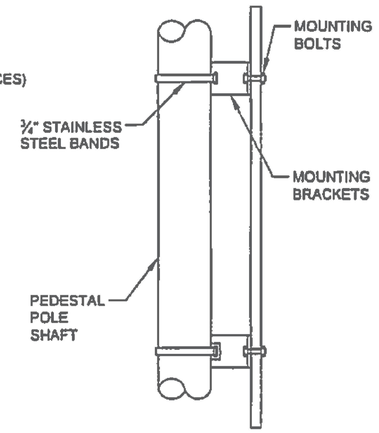


FRONT VIEW



SECTION A-A

SECTION B-B



VERTICAL SIGN MOUNT DETAIL

SECTION C-C



S5-1 (VERTICAL)

TYPICAL SIGN FACE DETAIL FOR SCHOOL BEACON

COLORS

LEGEND: BLACK (NON-REFLECTIVE)
TOP PANEL: FYG
BOTTOM PANEL: WHITE
OUTSIDE BORDER: WHITE
INSIDE BORDER: BLACK

ESTIMATED QUANTITIES (FOR ONE BEACON)

ITEM NO.	DESCRIPTION OF ITEM	UNIT	TOTAL
511000	STRUCTURAL CONCRETE, CLASS A	CU.YD.	0.52
540060	REINFORCING BARS GRADE 60	LBS.	17
701000	PANEL SIGNS	SQ.FT.	8
707015	TYPE I STANDARD, 15'	EACH	1
712010	1 SECTION TRAFFIC SIGNAL ASSEMBLY	EACH	2

SCHOOL CROSSING BEACON
(TYPE I STANDARD)

DESIGNED BY FOO DRAWN BY COR CHECKED BY FOO

Sheet 715-03

THIS STANDARD DETAIL HAS BEEN MODIFIED FOR THIS PROJECT

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
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SHEET TITLE

SCHOOL BEACON DETAILS

SHEET NO:

9-21

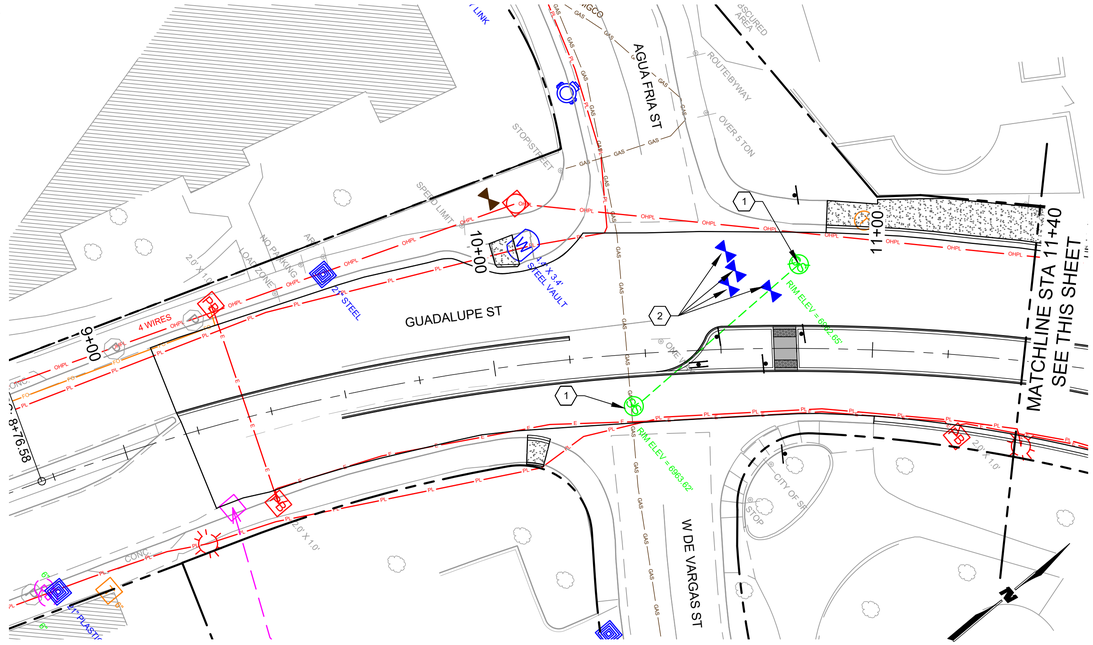
7/28/2022 M:\MSD\17-600-085-0012_Disciplines_SHEETS\2_Sheets - civil\SECTION 9\176085_SG06.dwg

GENERAL SHEET NOTES

1. STANDARD SHEET GENERAL NOTES

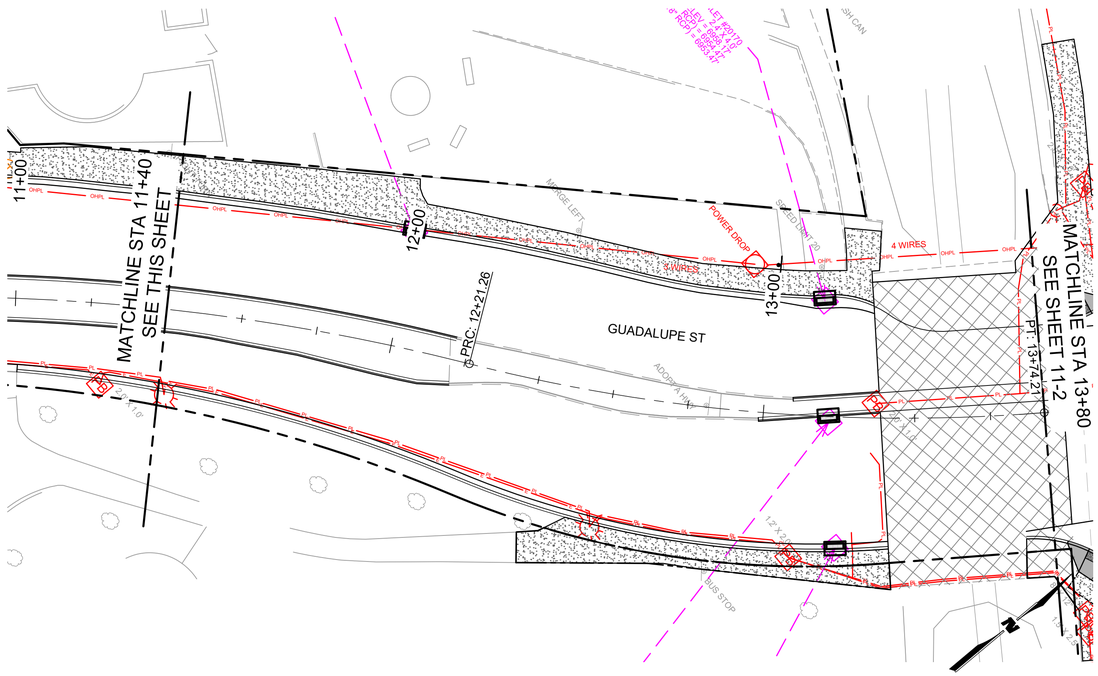
KEYNOTES

1. ADJUST EXISTING MANHOLE RIM TO FINISHED GRADE
2. ADJUST EXISTING WATER LINE GATE VALVE TO FINISHED GRADE
3. ADJUST EXISTING WATER METER TO FINISHED GRADE
4. REMOVE & RELOCATE FIRE HYDRANT
5. PROTECT EXISTING FIRE HYDRANT



E6 UTILITY PLAN

SCALE: 1" = 20'



A6 UTILITY PLAN

SCALE: 1" = 20'

LEGEND - EXISTING

VAULT - CATV	TELEPHONE VAULT	MISC	MISCELLANEOUS FEATURE
SQUARE ACCESS COVER (UG TANK)	TELEPHONE MANHOLE		PARKING METER
ROUND ACCESS COVER (UG TANK)	JUNCTION BOX - UNKNOWN		GATE
WATER MANHOLE	METER - UNKNOWN		EXTERIOR LIGHT
BOLLARD	METER - ELECTRIC		TREE
POWER POLE	DEAD MAN - GUY WIRE		BUSH
GAS METER	PULLBOX - ELECTRIC		MANHOLE - UNKNOWN
LIGHT POLE	ELECTRIC PEDESTAL		FENCE
GAS VALVE	TRANSFORMER		CURB
SIGNAL LIGHT	JUNCTION BOX - ELECTRIC		LANE STRIPE
SIGNAL POLE	VAULT - ELECTRIC		TREE LINE
TRAFFIC PULLBOX	YARD LIGHT		WALL
SIGN - SINGLE POST	SPRINKLER CONTROL BOX		SANITARY SEWER
SIGN - MULTI POST	WATER VAULT		UNKNOWN UTILITY
SEWER CLEANOUT	WATER FAUCET		WATER LINE
MANHOLE - SEWER	FIRE HYDRANT		UNDERGROUND POWER
INLET	WATER METER		GAS LINE
TELEPHONE PEDESTAL	WATER VALVE		FIBER OPTIC LINE
			UNDERGROUND ELECTRIC LINE
			OVERHEAD POWER
			OVERHEAD TV CABLE

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

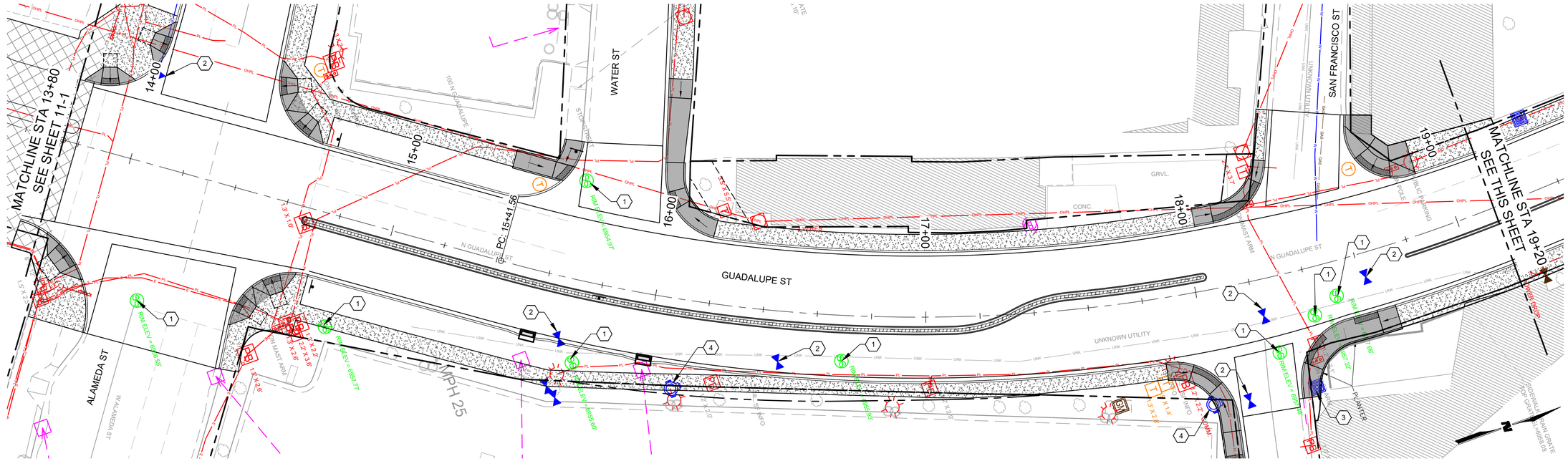
SHEET TITLE

UTILITY PLAN

SHEET NO:

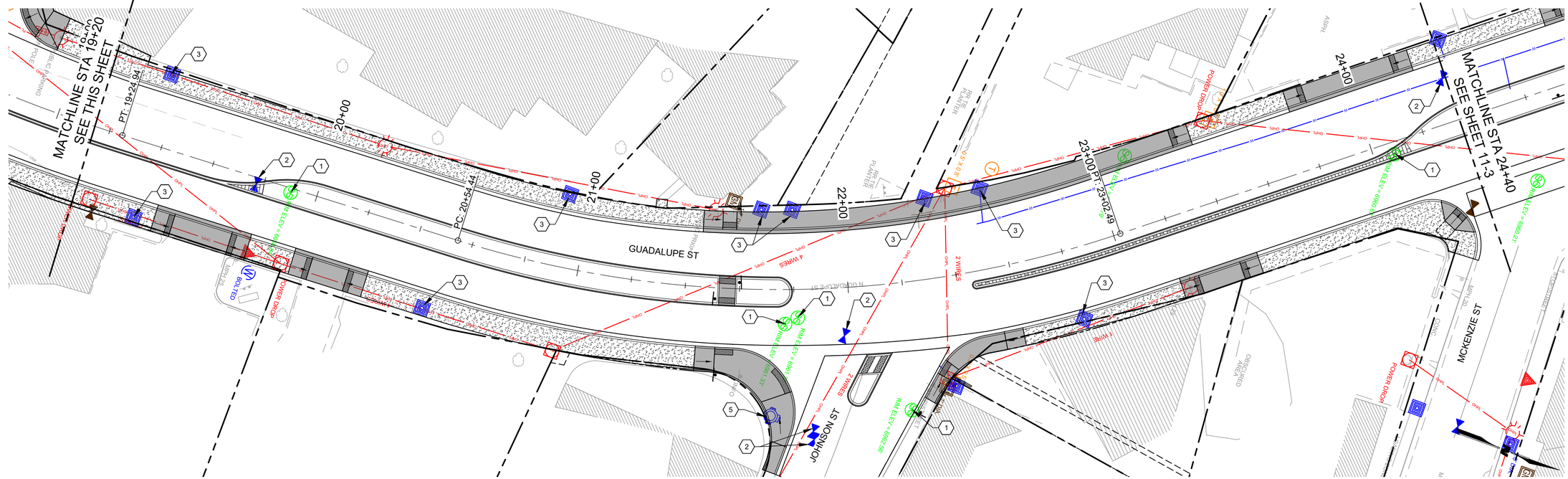
11-1

7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 11\1176085_UT01.dwg



E1 UTILITY PLAN

SCALE: 1" = 20'



A1 UTILITY PLAN

SCALE: 1" = 20'

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SHEET TITLE

UTILITY PLAN

SHEET NO:

11-2

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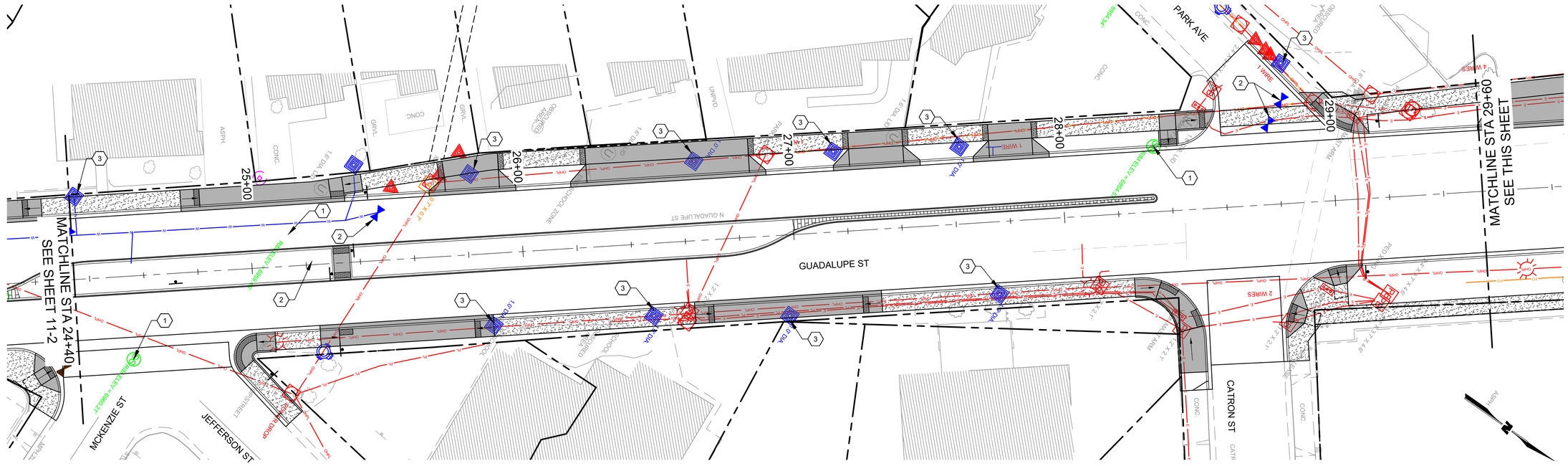
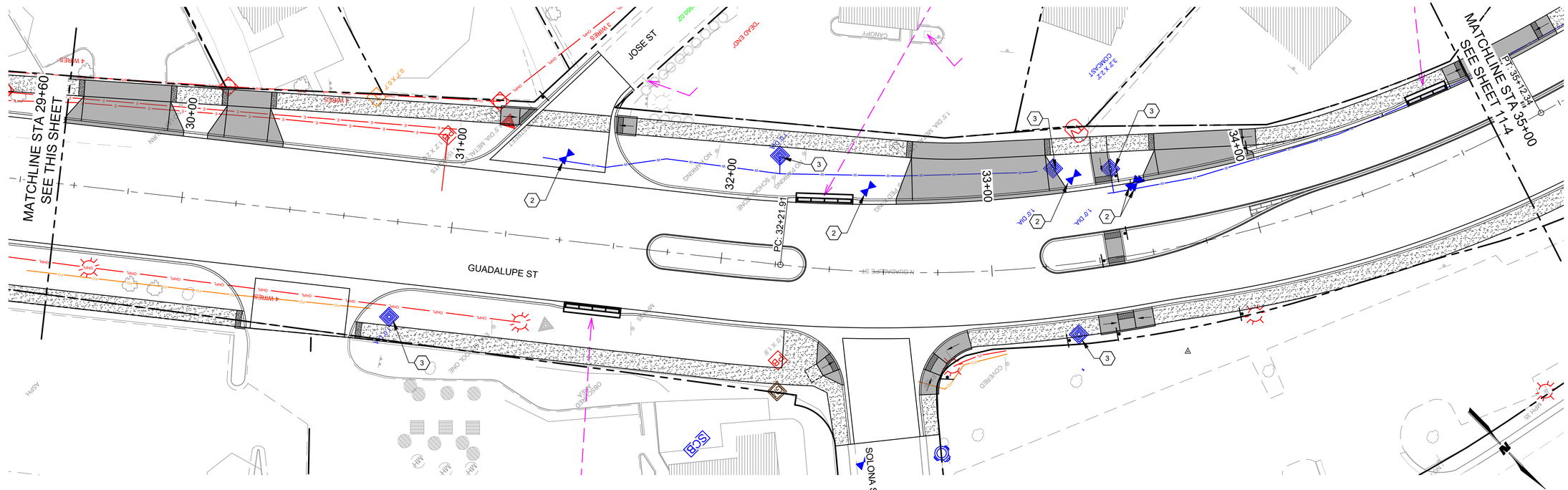


E1 UTILITY PLAN

SCALE: 1" = 20'



A1 UTILITY PLAN

SCALE: 1" = 20'

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NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
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CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

UTILITY PLAN

SHEET NO:

11-3

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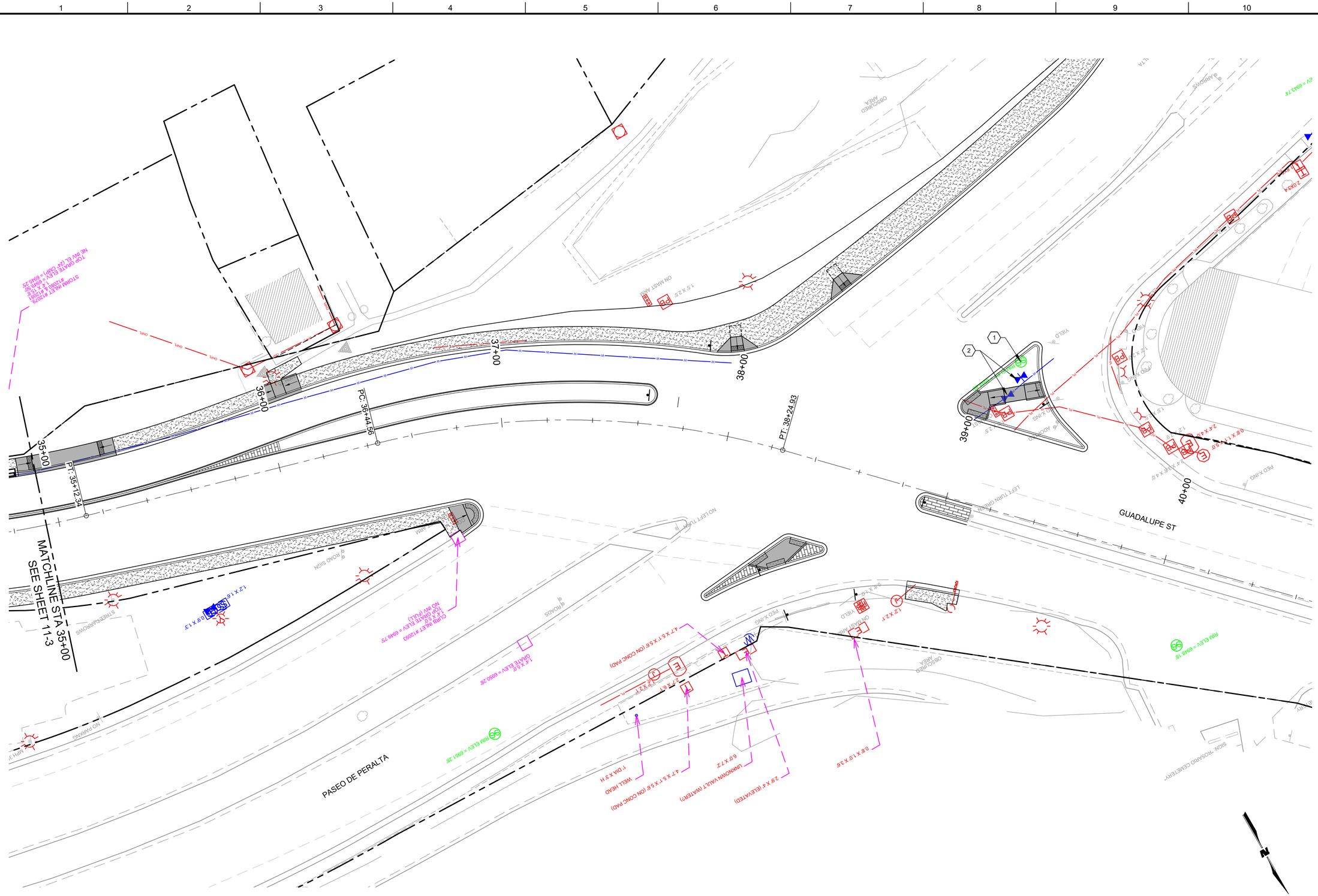
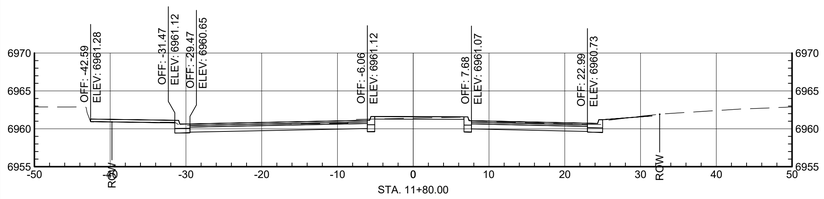
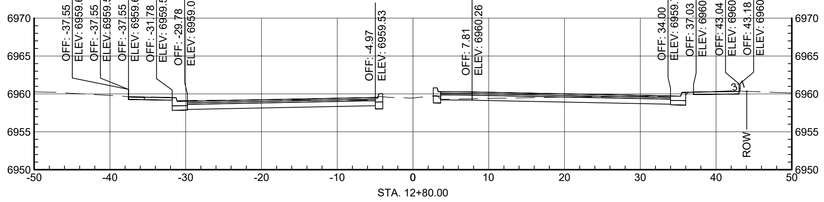
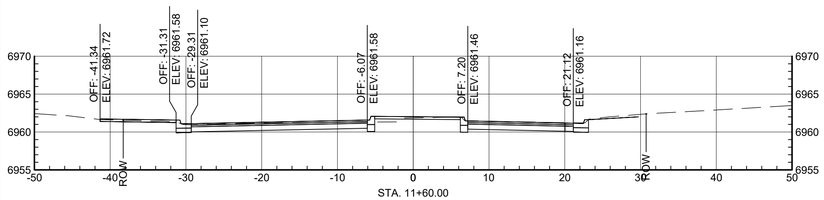

35+00
36+00
37+00
38+00
39+00
40+00
PT: 35+12.34
PC: 36+44.56
PT: 38+24.93
MATCHLINE STA 35+00
SEE SHEET 11-3
GUADALUPE ST
PASEO DE PERALTA
STORM MH ET #70291
TOP CRATE ELEV = 6943.55
#20001 X = 6 IN
#70291 X = 6 IN
NE INV EL (24" CMP) = 6940.35
CMP
CMP
CMP
STORM MH ET #70290
TOP CRATE ELEV = 6943.73
#20001 X = 6 IN
#70290 X = 6 IN
NE INV EL (24" CMP) = 6940.73
CMP
CMP
CMP



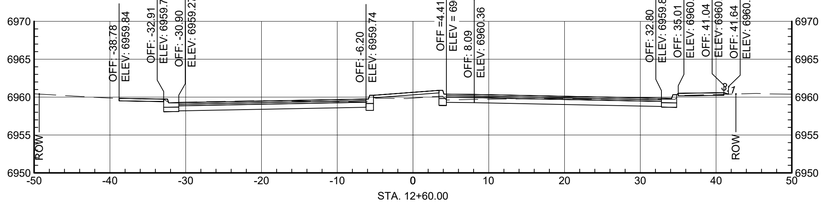
Total Volume at Station 11+80.00	
Cut Area (sf)	0.59
Fill Area (sf)	10.44
Cut Vol (cy)	0.93
Fill Vol (cy)	6.97
Cum Cut Vol (cy)	2.16
Cum Fill Vol (cy)	39.83



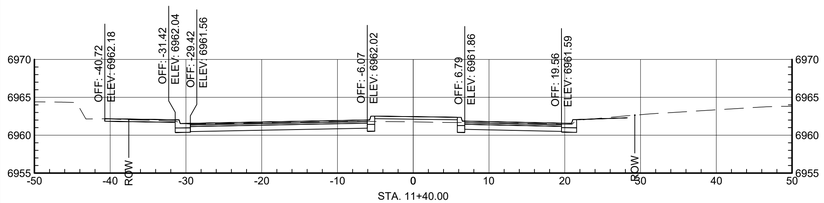
Total Volume at Station 12+80.00	
Cut Area (sf)	1.15
Fill Area (sf)	25.23
Cut Vol (cy)	0.67
Fill Vol (cy)	18.08
Cum Cut Vol (cy)	4.31
Cum Fill Vol (cy)	101.64



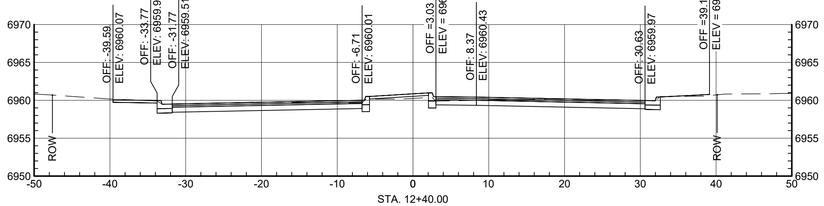
Total Volume at Station 11+60.00	
Cut Area (sf)	2.01
Fill Area (sf)	8.14
Cut Vol (cy)	0.95
Fill Vol (cy)	8.37
Cum Cut Vol (cy)	1.23
Cum Fill Vol (cy)	32.86



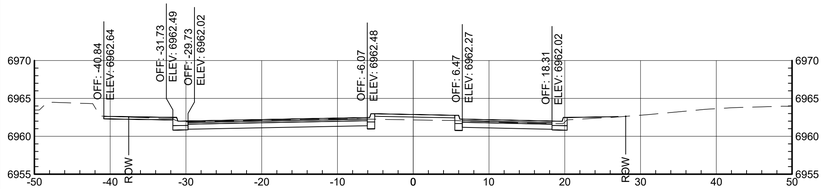
Total Volume at Station 12+60.00	
Cut Area (sf)	0.73
Fill Area (sf)	22.72
Cut Vol (cy)	0.47
Fill Vol (cy)	13.58
Cum Cut Vol (cy)	3.64
Cum Fill Vol (cy)	83.55



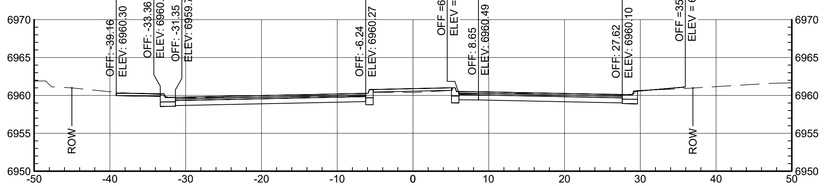
Total Volume at Station 11+40.00	
Cut Area (sf)	0.68
Fill Area (sf)	14.29
Cut Vol (cy)	0.24
Fill Vol (cy)	11.52
Cum Cut Vol (cy)	0.27
Cum Fill Vol (cy)	24.49



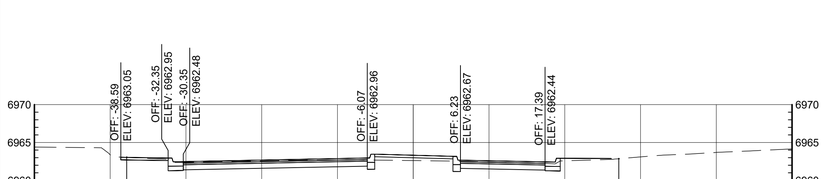
Total Volume at Station 12+40.00	
Cut Area (sf)	0.60
Fill Area (sf)	13.41
Cut Vol (cy)	0.44
Fill Vol (cy)	9.81
Cum Cut Vol (cy)	3.17
Cum Fill Vol (cy)	69.98



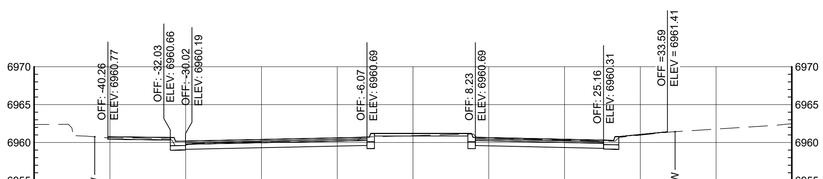
Total Volume at Station 11+20.00	
Cut Area (sf)	0.00
Fill Area (sf)	16.84
Cut Vol (cy)	0.03
Fill Vol (cy)	12.97
Cum Cut Vol (cy)	0.03
Cum Fill Vol (cy)	12.97



Total Volume at Station 12+20.00	
Cut Area (sf)	0.59
Fill Area (sf)	13.10
Cut Vol (cy)	0.29
Fill Vol (cy)	10.66
Cum Cut Vol (cy)	2.74
Cum Fill Vol (cy)	60.17



Total Volume at Station 11+00.00	
Cut Area (sf)	0.08
Fill Area (sf)	18.27
Cut Vol (cy)	0.00
Fill Vol (cy)	0.00
Cum Cut Vol (cy)	0.00
Cum Fill Vol (cy)	0.00



Total Volume at Station 12+00.00	
Cut Area (sf)	0.20
Fill Area (sf)	15.36
Cut Vol (cy)	0.29
Fill Vol (cy)	9.68
Cum Cut Vol (cy)	2.45
Cum Fill Vol (cy)	49.51

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PROFESSIONAL ENGINEER
07/29/2022

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GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

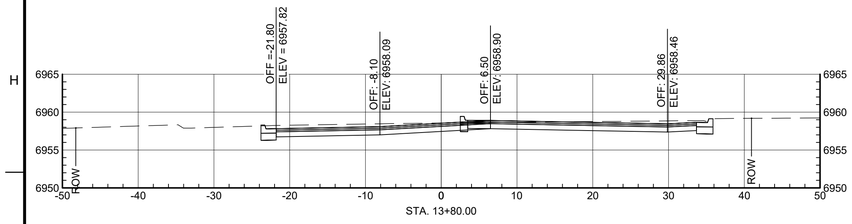
SHEET TITLE

CROSS SECTIONS

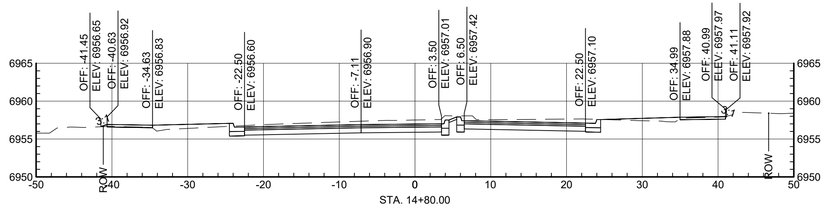
SHEET NO:

13-1

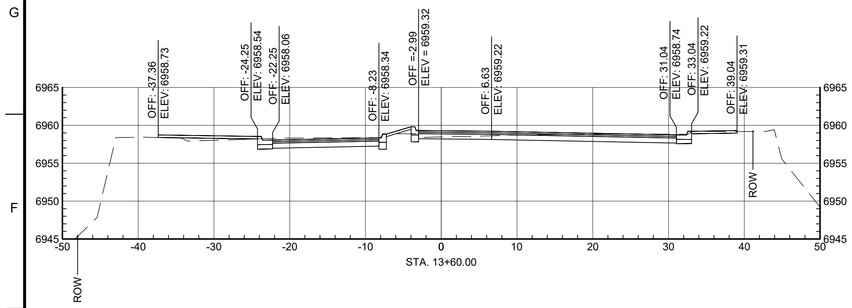
7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 13\176085_CSML01.dwg



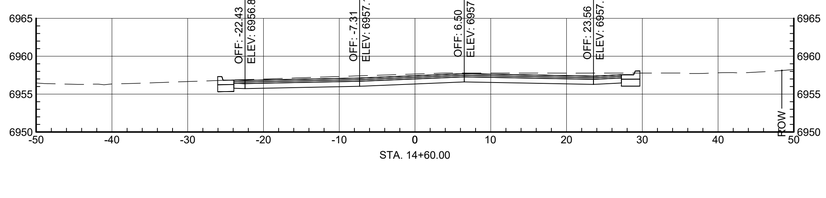
Total Volume at Station 13+80.00	
Cut Area (sf)	16.83
Fill Area (sf)	12.02
Cut Vol (cy)	7.30
Fill Vol (cy)	12.28
Cum Cut Vol (cy)	14.63
Cum Fill Vol (cy)	198.52



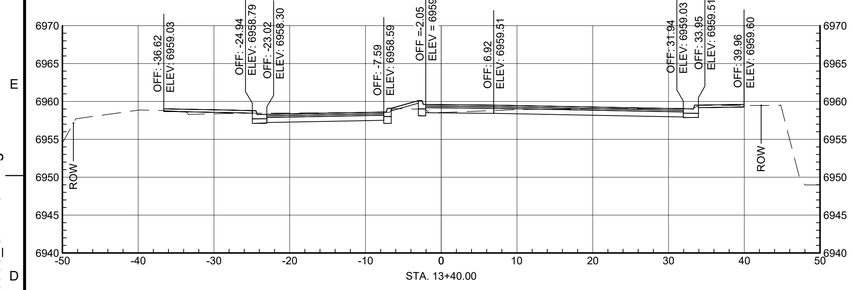
Total Volume at Station 14+80.00	
Cut Area (sf)	19.01
Fill Area (sf)	10.82
Cut Vol (cy)	12.29
Fill Vol (cy)	8.54
Cum Cut Vol (cy)	109.08
Cum Fill Vol (cy)	219.45



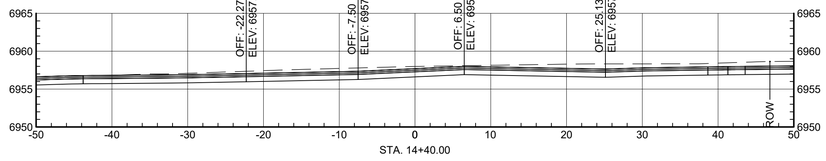
Total Volume at Station 13+60.00	
Cut Area (sf)	2.69
Fill Area (sf)	21.39
Cut Vol (cy)	1.43
Fill Vol (cy)	16.69
Cum Cut Vol (cy)	7.34
Cum Fill Vol (cy)	186.24



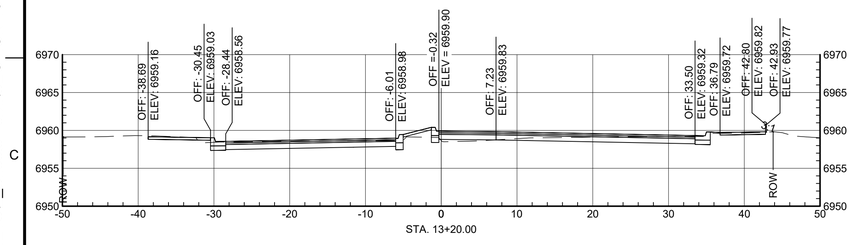
Total Volume at Station 14+60.00	
Cut Area (sf)	14.17
Fill Area (sf)	12.25
Cut Vol (cy)	19.78
Fill Vol (cy)	4.54
Cum Cut Vol (cy)	96.79
Cum Fill Vol (cy)	210.90



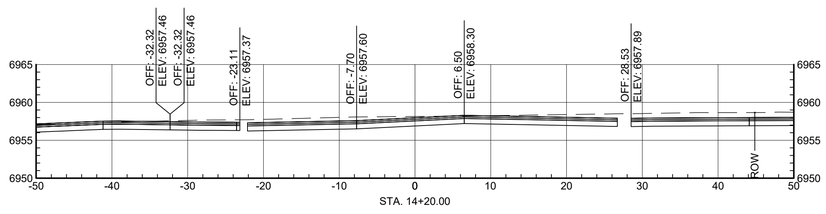
Total Volume at Station 13+40.00	
Cut Area (sf)	1.28
Fill Area (sf)	24.01
Cut Vol (cy)	0.62
Fill Vol (cy)	21.55
Cum Cut Vol (cy)	5.90
Cum Fill Vol (cy)	169.55



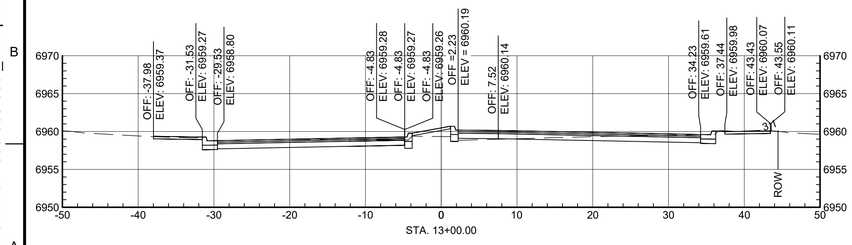
Total Volume at Station 14+40.00	
Cut Area (sf)	39.25
Fill Area (sf)	0.00
Cut Vol (cy)	27.19
Fill Vol (cy)	0.09
Cum Cut Vol (cy)	77.01
Cum Fill Vol (cy)	206.37



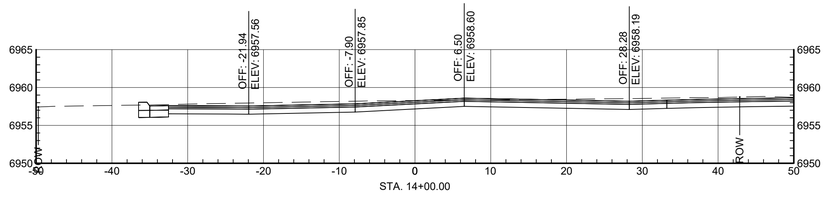
Total Volume at Station 13+20.00	
Cut Area (sf)	0.47
Fill Area (sf)	33.91
Cut Vol (cy)	0.36
Fill Vol (cy)	24.78
Cum Cut Vol (cy)	5.28
Cum Fill Vol (cy)	148.00



Total Volume at Station 14+20.00	
Cut Area (sf)	34.16
Fill Area (sf)	0.24
Cut Vol (cy)	20.80
Fill Vol (cy)	1.70
Cum Cut Vol (cy)	49.82
Cum Fill Vol (cy)	206.28



Total Volume at Station 13+00.00	
Cut Area (sf)	0.49
Fill Area (sf)	32.17
Cut Vol (cy)	0.61
Fill Vol (cy)	21.59
Cum Cut Vol (cy)	4.93
Cum Fill Vol (cy)	123.23



Total Volume at Station 14+00.00	
Cut Area (sf)	22.01
Fill Area (sf)	4.34
Cut Vol (cy)	14.38
Fill Vol (cy)	6.06
Cum Cut Vol (cy)	29.02
Cum Fill Vol (cy)	204.58

FOR REFERENCE ONLY
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13-2

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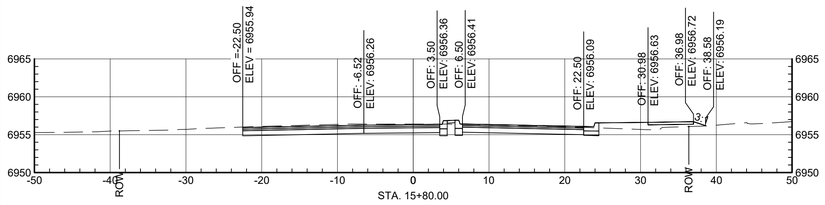
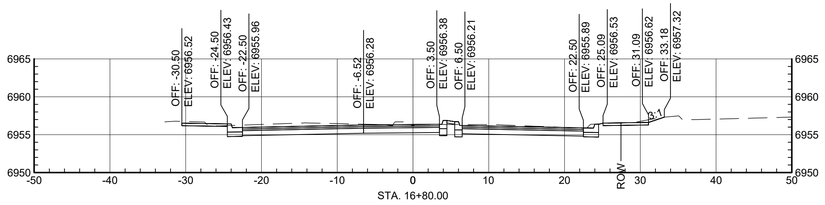
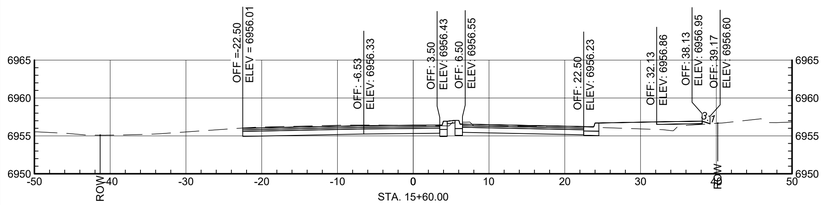


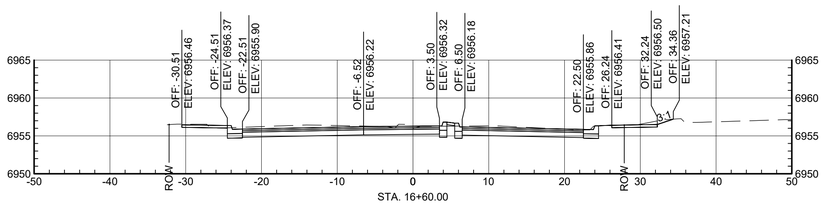
Total Volume at Station 15+80.00	
Cut Area (sf)	3.34
Fill Area (sf)	16.02
Cut Vol (cy)	2.19
Fill Vol (cy)	13.47
Cum Cut Vol (cy)	150.21
Cum Fill Vol (cy)	274.86



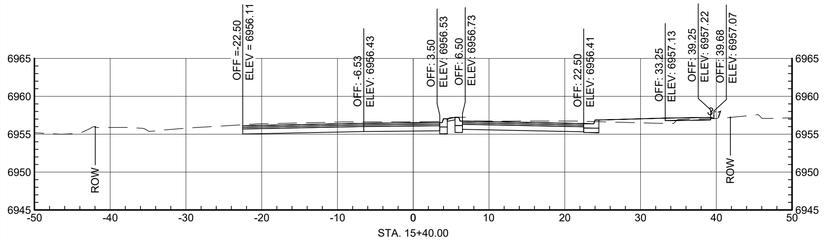
Total Volume at Station 16+80.00	
Cut Area (sf)	10.17
Fill Area (sf)	2.21
Cut Vol (cy)	6.90
Fill Vol (cy)	1.89
Cum Cut Vol (cy)	168.36
Cum Fill Vol (cy)	307.02



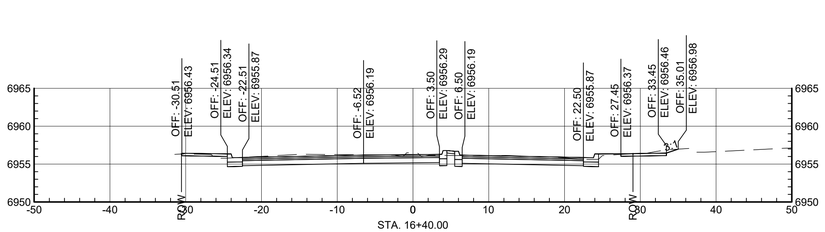
Total Volume at Station 15+60.00	
Cut Area (sf)	2.67
Fill Area (sf)	19.63
Cut Vol (cy)	4.39
Fill Vol (cy)	13.15
Cum Cut Vol (cy)	148.02
Cum Fill Vol (cy)	261.39



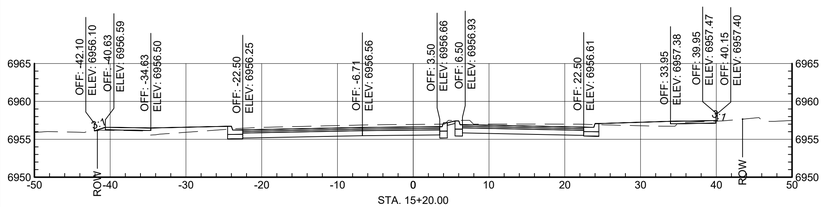
Total Volume at Station 16+60.00	
Cut Area (sf)	8.59
Fill Area (sf)	2.95
Cut Vol (cy)	4.67
Fill Vol (cy)	3.29
Cum Cut Vol (cy)	161.47
Cum Fill Vol (cy)	305.13



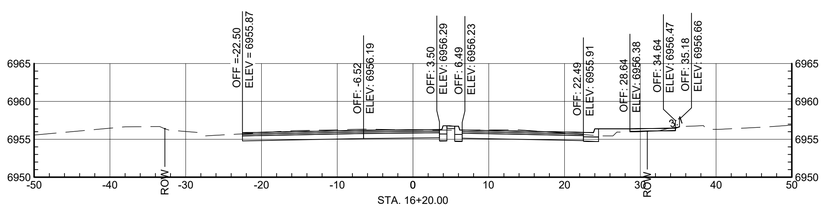
Total Volume at Station 15+40.00	
Cut Area (sf)	9.22
Fill Area (sf)	15.82
Cut Vol (cy)	8.56
Fill Vol (cy)	11.40
Cum Cut Vol (cy)	143.63
Cum Fill Vol (cy)	248.24



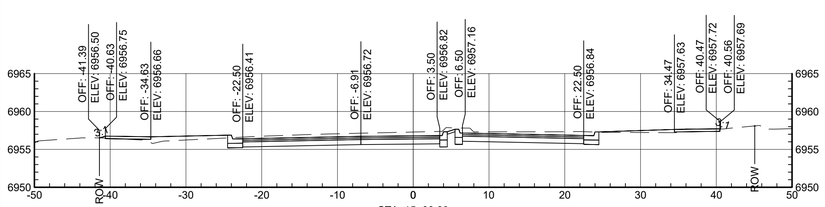
Total Volume at Station 16+40.00	
Cut Area (sf)	4.06
Fill Area (sf)	5.94
Cut Vol (cy)	2.68
Fill Vol (cy)	6.92
Cum Cut Vol (cy)	156.80
Cum Fill Vol (cy)	301.84



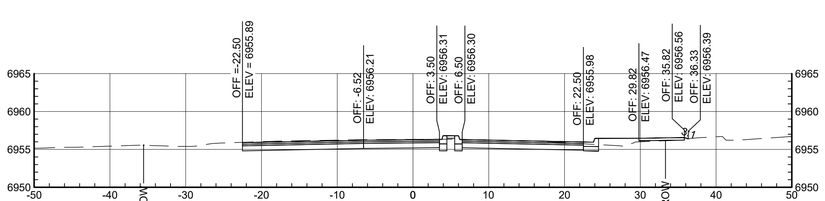
Total Volume at Station 15+20.00	
Cut Area (sf)	13.90
Fill Area (sf)	14.95
Cut Vol (cy)	12.05
Fill Vol (cy)	9.47
Cum Cut Vol (cy)	135.07
Cum Fill Vol (cy)	236.85



Total Volume at Station 16+20.00	
Cut Area (sf)	3.21
Fill Area (sf)	12.68
Cut Vol (cy)	1.94
Fill Vol (cy)	9.34
Cum Cut Vol (cy)	154.12
Cum Fill Vol (cy)	294.91



Total Volume at Station 15+00.00	
Cut Area (sf)	18.64
Fill Area (sf)	10.60
Cut Vol (cy)	13.94
Fill Vol (cy)	7.93
Cum Cut Vol (cy)	123.02
Cum Fill Vol (cy)	227.38



Total Volume at Station 16+00.00	
Cut Area (sf)	2.08
Fill Area (sf)	12.20
Cut Vol (cy)	1.97
Fill Vol (cy)	10.72
Cum Cut Vol (cy)	152.18
Cum Fill Vol (cy)	285.57

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TYLER J. ASHTON
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PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

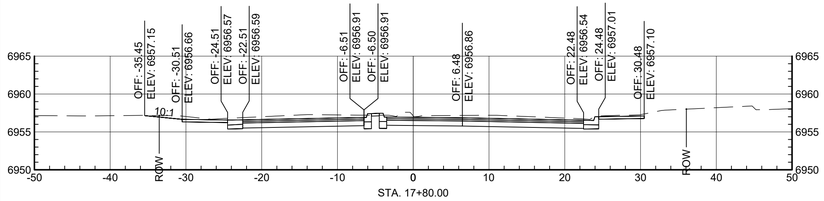
BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

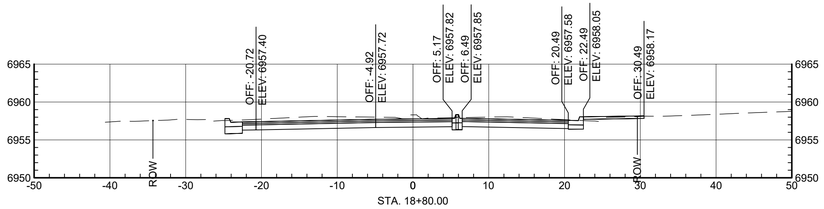
SHEET TITLE
CROSS SECTIONS

SHEET NO:
13-3

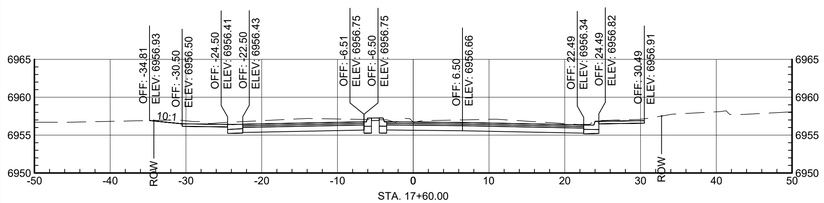
7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 13\176085_CSML01.dwg



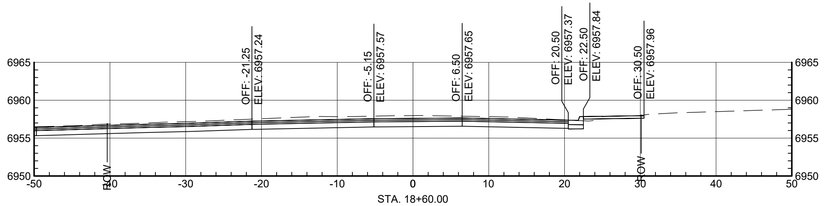
Total Volume at Station 17+80.00	
Cut Area (sf)	19.66
Fill Area (sf)	0.50
Cut Vol (cy)	14.50
Fill Vol (cy)	0.36
Cum Cut Vol (cy)	227.58
Cum Fill Vol (cy)	313.11



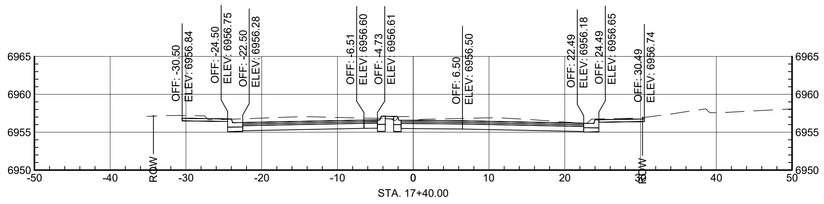
Total Volume at Station 18+80.00	
Cut Area (sf)	15.94
Fill Area (sf)	2.46
Cut Vol (cy)	12.63
Fill Vol (cy)	1.03
Cum Cut Vol (cy)	306.96
Cum Fill Vol (cy)	321.07



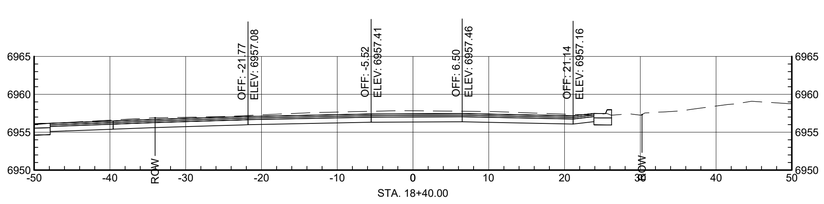
Total Volume at Station 17+60.00	
Cut Area (sf)	19.79
Fill Area (sf)	0.48
Cut Vol (cy)	14.58
Fill Vol (cy)	0.57
Cum Cut Vol (cy)	213.08
Cum Fill Vol (cy)	312.74



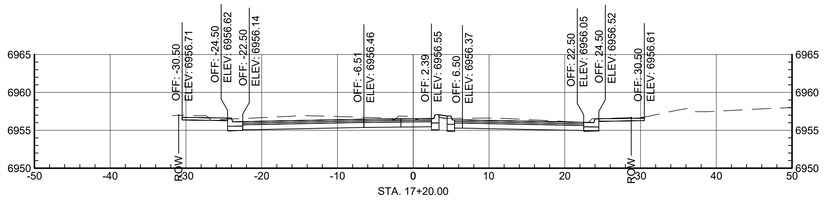
Total Volume at Station 18+60.00	
Cut Area (sf)	18.58
Fill Area (sf)	0.22
Cut Vol (cy)	12.69
Fill Vol (cy)	2.65
Cum Cut Vol (cy)	294.33
Cum Fill Vol (cy)	320.04



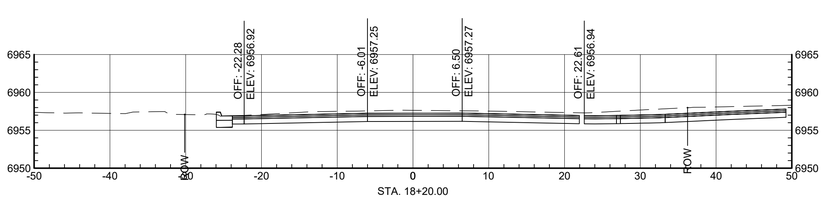
Total Volume at Station 17+40.00	
Cut Area (sf)	19.94
Fill Area (sf)	1.07
Cut Vol (cy)	12.75
Fill Vol (cy)	0.99
Cum Cut Vol (cy)	198.50
Cum Fill Vol (cy)	312.18



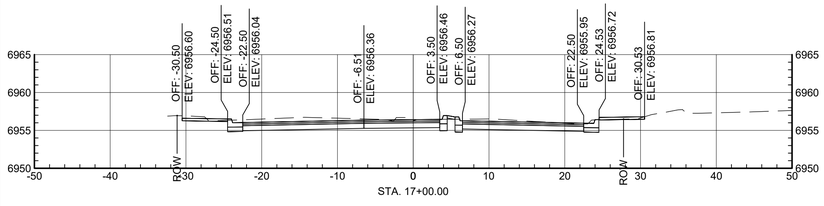
Total Volume at Station 18+40.00	
Cut Area (sf)	15.72
Fill Area (sf)	7.46
Cut Vol (cy)	15.86
Fill Vol (cy)	2.68
Cum Cut Vol (cy)	281.64
Cum Fill Vol (cy)	317.38



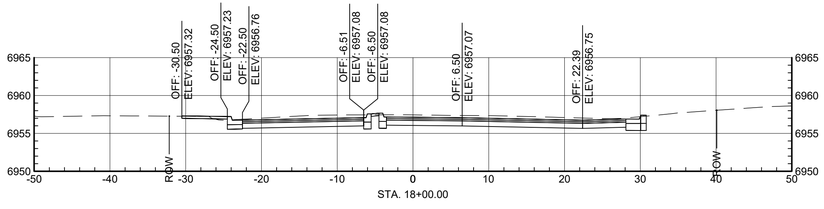
Total Volume at Station 17+20.00	
Cut Area (sf)	14.87
Fill Area (sf)	1.63
Cut Vol (cy)	9.54
Fill Vol (cy)	1.98
Cum Cut Vol (cy)	185.74
Cum Fill Vol (cy)	311.19



Total Volume at Station 18+20.00	
Cut Area (sf)	26.33
Fill Area (sf)	0.31
Cut Vol (cy)	20.48
Fill Vol (cy)	0.76
Cum Cut Vol (cy)	265.78
Cum Fill Vol (cy)	314.70



Total Volume at Station 17+00.00	
Cut Area (sf)	11.26
Fill Area (sf)	3.67
Cut Vol (cy)	7.84
Fill Vol (cy)	2.19
Cum Cut Vol (cy)	176.20
Cum Fill Vol (cy)	309.21



Total Volume at Station 18+00.00	
Cut Area (sf)	27.49
Fill Area (sf)	1.83
Cut Vol (cy)	17.72
Fill Vol (cy)	0.84
Cum Cut Vol (cy)	245.30
Cum Fill Vol (cy)	313.94

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PROJECT NAME
GUADALUPE ST
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SANTA FE, NM
CIP # 801B

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WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
CROSS SECTIONS

SHEET NO:
13-4

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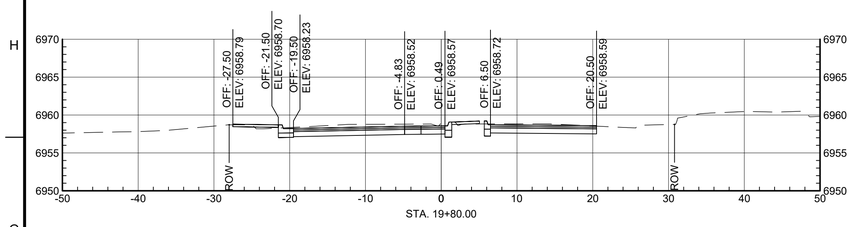
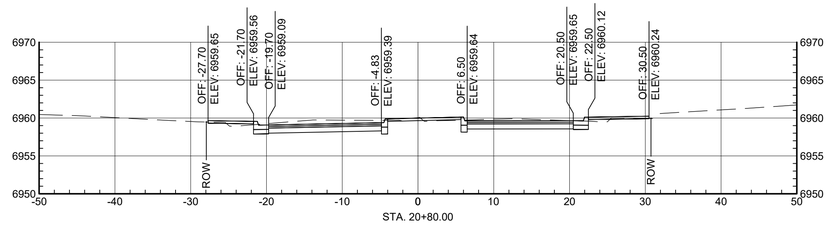
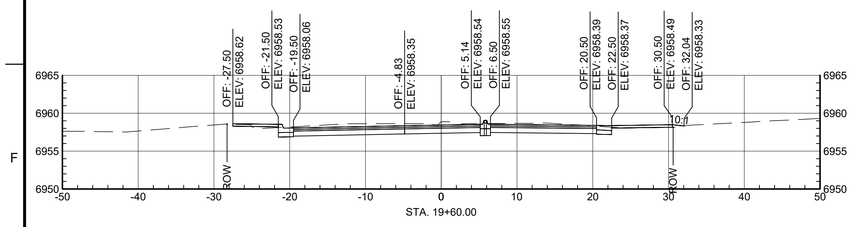


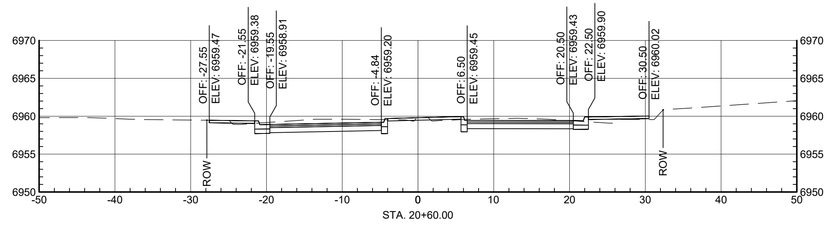
Total Volume at Station 19+80.00	
Cut Area (sf)	7.91
Fill Area (sf)	8.08
Cut Vol (cy)	6.07
Fill Vol (cy)	5.12
Cum Cut Vol (cy)	347.26
Cum Fill Vol (cy)	344.75



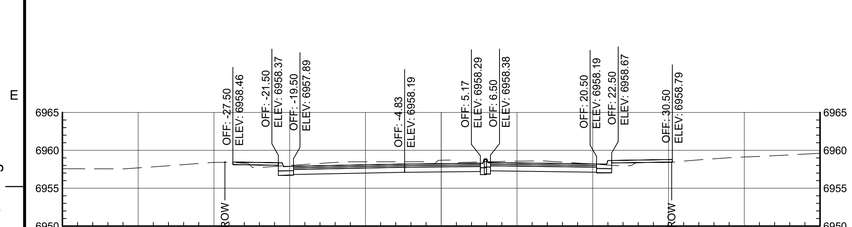
Total Volume at Station 20+80.00	
Cut Area (sf)	8.55
Fill Area (sf)	9.17
Cut Vol (cy)	6.76
Fill Vol (cy)	7.13
Cum Cut Vol (cy)	375.90
Cum Fill Vol (cy)	379.63



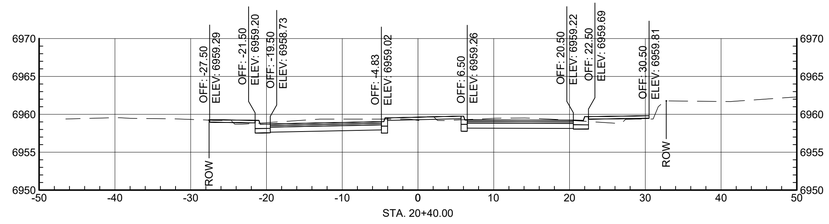
Total Volume at Station 19+60.00	
Cut Area (sf)	8.49
Fill Area (sf)	5.75
Cut Vol (cy)	6.98
Fill Vol (cy)	4.86
Cum Cut Vol (cy)	341.19
Cum Fill Vol (cy)	339.63



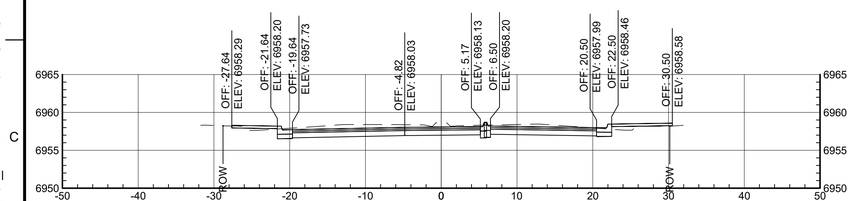
Total Volume at Station 20+60.00	
Cut Area (sf)	9.98
Fill Area (sf)	9.78
Cut Vol (cy)	6.88
Fill Vol (cy)	7.54
Cum Cut Vol (cy)	369.13
Cum Fill Vol (cy)	372.50



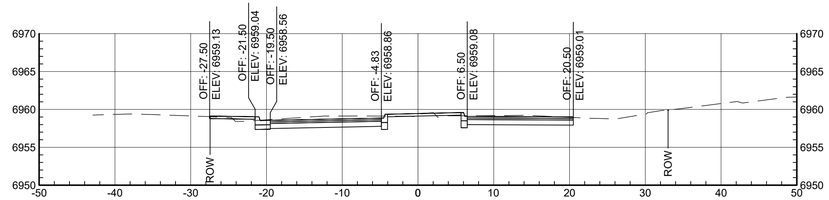
Total Volume at Station 19+40.00	
Cut Area (sf)	10.37
Fill Area (sf)	7.38
Cut Vol (cy)	8.27
Fill Vol (cy)	5.51
Cum Cut Vol (cy)	334.20
Cum Fill Vol (cy)	334.77



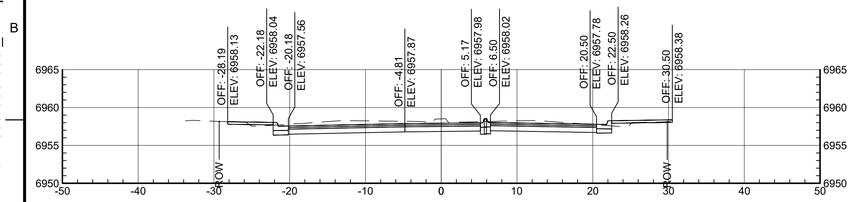
Total Volume at Station 20+40.00	
Cut Area (sf)	8.61
Fill Area (sf)	10.59
Cut Vol (cy)	5.51
Fill Vol (cy)	6.95
Cum Cut Vol (cy)	362.25
Cum Fill Vol (cy)	364.96



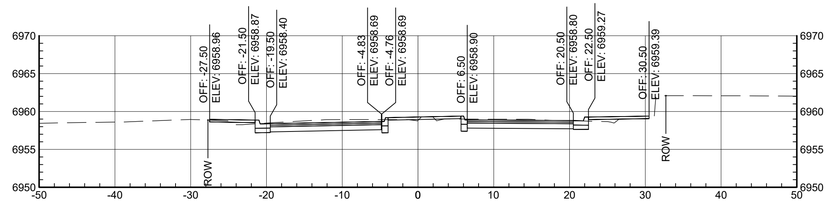
Total Volume at Station 19+20.00	
Cut Area (sf)	11.97
Fill Area (sf)	7.50
Cut Vol (cy)	8.79
Fill Vol (cy)	5.03
Cum Cut Vol (cy)	325.93
Cum Fill Vol (cy)	329.26



Total Volume at Station 20+20.00	
Cut Area (sf)	6.27
Fill Area (sf)	8.18
Cut Vol (cy)	4.44
Fill Vol (cy)	6.64
Cum Cut Vol (cy)	356.74
Cum Fill Vol (cy)	358.00



Total Volume at Station 19+00.00	
Cut Area (sf)	11.92
Fill Area (sf)	5.88
Cut Vol (cy)	10.18
Fill Vol (cy)	3.16
Cum Cut Vol (cy)	317.14
Cum Fill Vol (cy)	324.23



Total Volume at Station 20+00.00	
Cut Area (sf)	5.70
Fill Area (sf)	9.76
Cut Vol (cy)	5.04
Fill Vol (cy)	6.61
Cum Cut Vol (cy)	352.30
Cum Fill Vol (cy)	351.36

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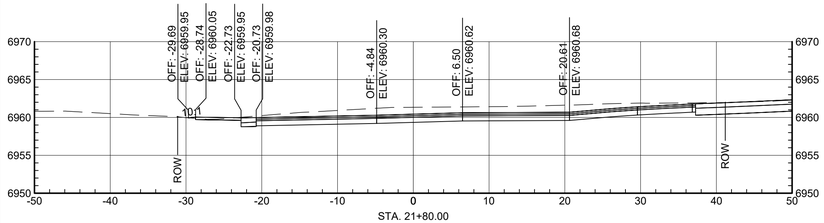
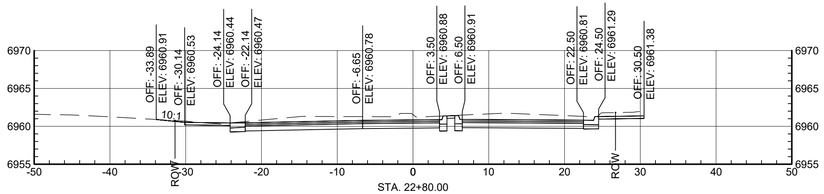
SHEET TITLE
CROSS SECTIONS

SHEET NO:
13-5

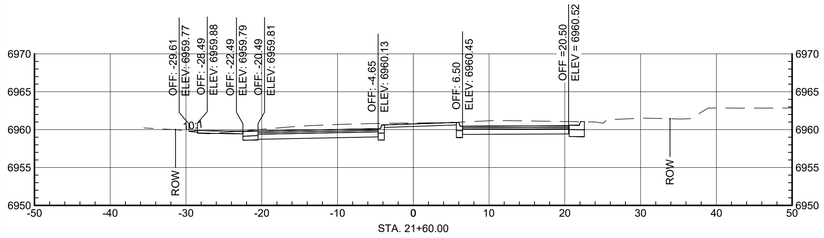
7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 13\176085_CSML01.dwg



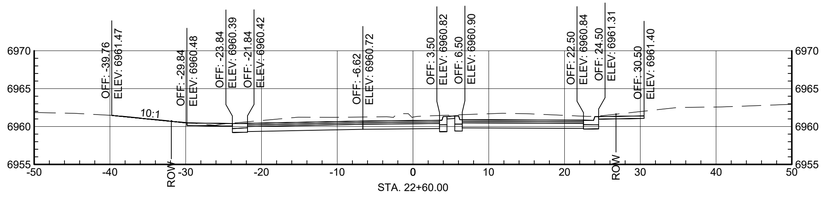
Total Volume at Station 21+80.00	
Cut Area (sf)	64.95
Fill Area (sf)	1.01
Cut Vol (cy)	35.45
Fill Vol (cy)	0.97
Cum Cut Vol (cy)	450.36
Cum Fill Vol (cy)	402.35



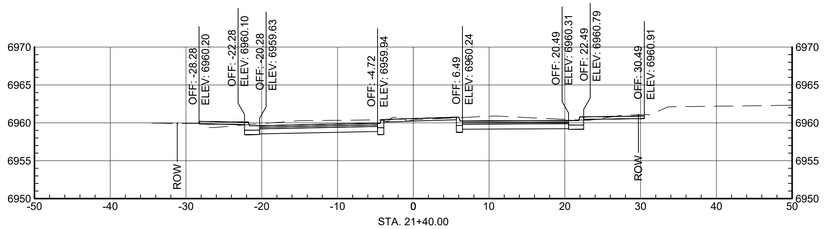
Total Volume at Station 22+80.00	
Cut Area (sf)	28.98
Fill Area (sf)	1.25
Cut Vol (cy)	22.26
Fill Vol (cy)	0.64
Cum Cut Vol (cy)	634.98
Cum Fill Vol (cy)	404.73



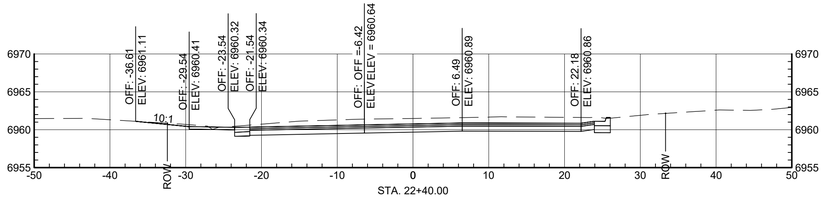
Total Volume at Station 21+60.00	
Cut Area (sf)	26.94
Fill Area (sf)	1.76
Cut Vol (cy)	15.58
Fill Vol (cy)	3.24
Cum Cut Vol (cy)	414.91
Cum Fill Vol (cy)	401.38



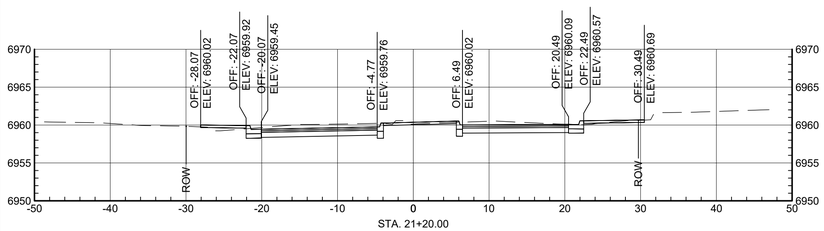
Total Volume at Station 22+60.00	
Cut Area (sf)	30.58
Fill Area (sf)	0.63
Cut Vol (cy)	26.08
Fill Vol (cy)	0.29
Cum Cut Vol (cy)	612.72
Cum Fill Vol (cy)	404.09



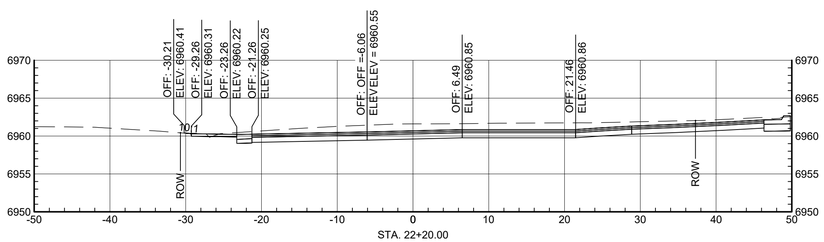
Total Volume at Station 21+40.00	
Cut Area (sf)	14.35
Fill Area (sf)	7.27
Cut Vol (cy)	9.70
Fill Vol (cy)	5.32
Cum Cut Vol (cy)	399.34
Cum Fill Vol (cy)	398.14



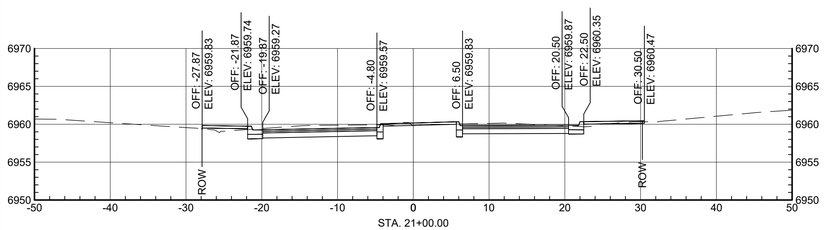
Total Volume at Station 22+40.00	
Cut Area (sf)	39.12
Fill Area (sf)	0.22
Cut Vol (cy)	38.02
Fill Vol (cy)	0.21
Cum Cut Vol (cy)	586.64
Cum Fill Vol (cy)	403.80



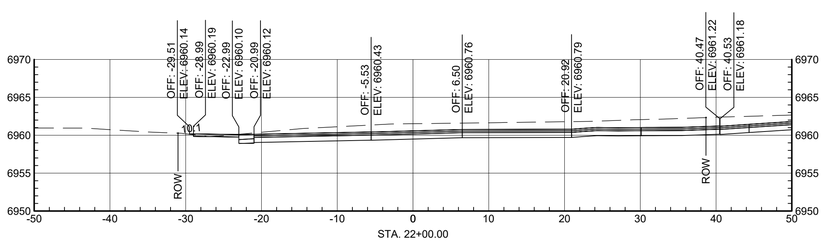
Total Volume at Station 21+20.00	
Cut Area (sf)	11.91
Fill Area (sf)	7.36
Cut Vol (cy)	7.50
Fill Vol (cy)	6.23
Cum Cut Vol (cy)	389.64
Cum Fill Vol (cy)	392.82



Total Volume at Station 22+20.00	
Cut Area (sf)	60.72
Fill Area (sf)	0.37
Cut Vol (cy)	48.22
Fill Vol (cy)	0.51
Cum Cut Vol (cy)	548.62
Cum Fill Vol (cy)	403.59



Total Volume at Station 21+00.00	
Cut Area (sf)	8.55
Fill Area (sf)	9.61
Cut Vol (cy)	6.24
Fill Vol (cy)	6.96
Cum Cut Vol (cy)	382.14
Cum Fill Vol (cy)	386.59



Total Volume at Station 22+00.00	
Cut Area (sf)	64.24
Fill Area (sf)	1.11
Cut Vol (cy)	50.05
Fill Vol (cy)	0.73
Cum Cut Vol (cy)	500.40
Cum Fill Vol (cy)	403.08

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CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

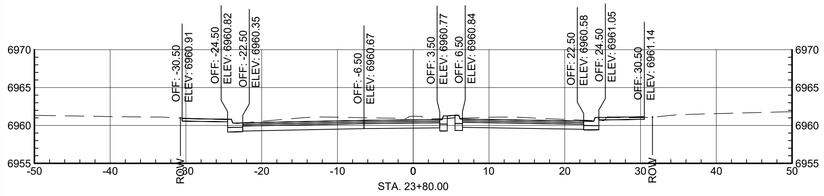
BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

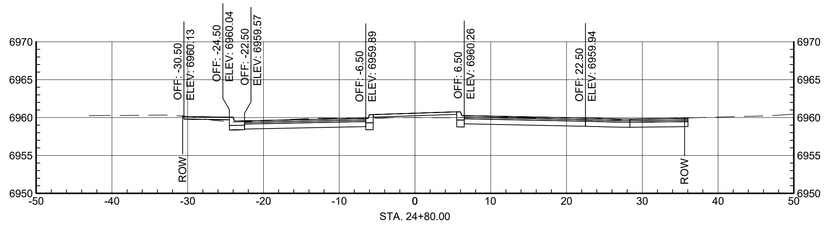
SHEET TITLE
CROSS SECTIONS

SHEET NO:
13-6

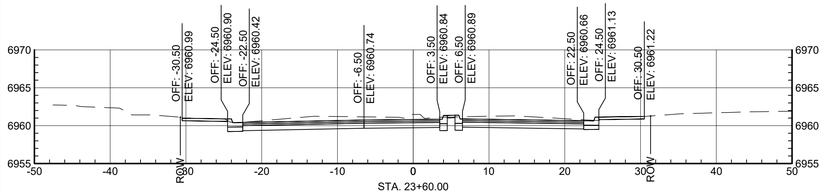
7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 13\176085_CSML01.dwg



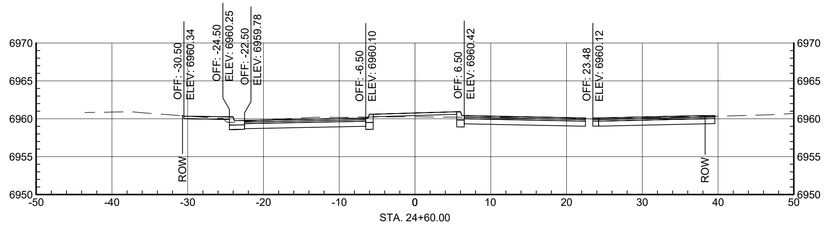
Total Volume at Station 23+80.00	
Cut Area (sf)	13.81
Fill Area (sf)	2.18
Cut Vol (cy)	12.30
Fill Vol (cy)	1.35
Cum Cut Vol (cy)	718.18
Cum Fill Vol (cy)	409.59



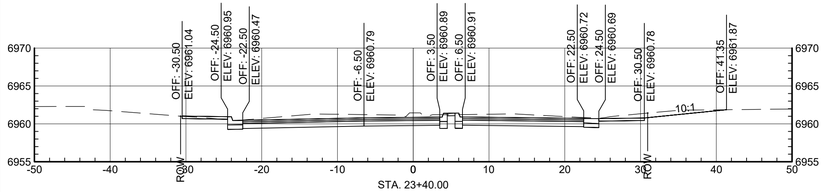
Total Volume at Station 24+80.00	
Cut Area (sf)	1.86
Fill Area (sf)	15.00
Cut Vol (cy)	2.04
Fill Vol (cy)	9.37
Cum Cut Vol (cy)	745.47
Cum Fill Vol (cy)	437.11



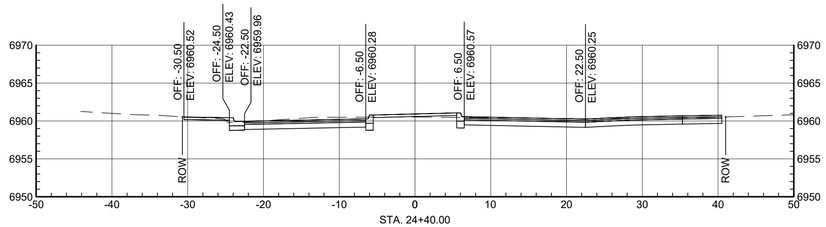
Total Volume at Station 23+60.00	
Cut Area (sf)	19.40
Fill Area (sf)	1.47
Cut Vol (cy)	14.42
Fill Vol (cy)	1.24
Cum Cut Vol (cy)	705.88
Cum Fill Vol (cy)	408.24



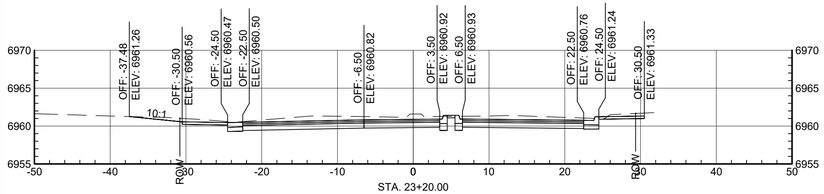
Total Volume at Station 24+60.00	
Cut Area (sf)	3.63
Fill Area (sf)	10.29
Cut Vol (cy)	3.11
Fill Vol (cy)	6.49
Cum Cut Vol (cy)	743.44
Cum Fill Vol (cy)	427.74



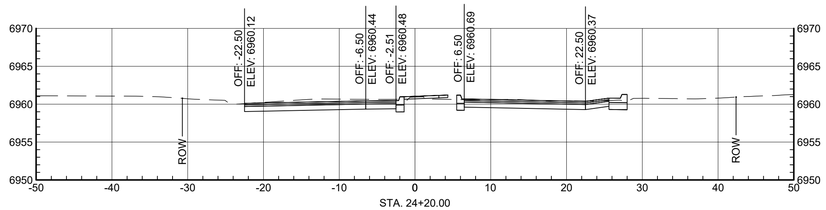
Total Volume at Station 23+40.00	
Cut Area (sf)	19.52
Fill Area (sf)	1.88
Cut Vol (cy)	16.16
Fill Vol (cy)	1.09
Cum Cut Vol (cy)	691.47
Cum Fill Vol (cy)	407.00



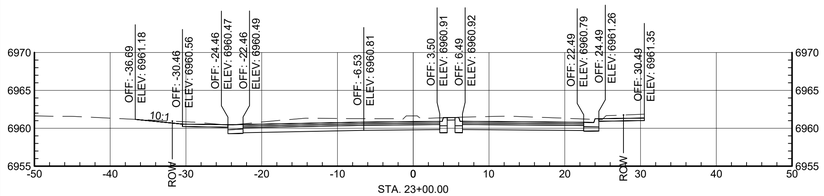
Total Volume at Station 24+40.00	
Cut Area (sf)	4.76
Fill Area (sf)	7.25
Cut Vol (cy)	4.37
Fill Vol (cy)	5.53
Cum Cut Vol (cy)	740.33
Cum Fill Vol (cy)	421.25



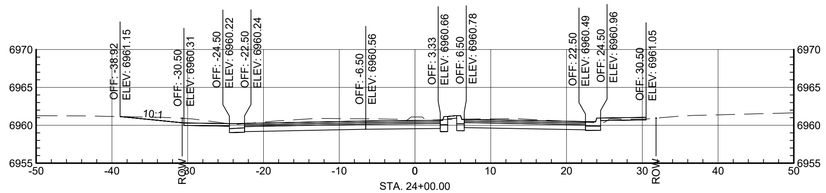
Total Volume at Station 23+20.00	
Cut Area (sf)	24.12
Fill Area (sf)	1.08
Cut Vol (cy)	19.18
Fill Vol (cy)	0.58
Cum Cut Vol (cy)	675.30
Cum Fill Vol (cy)	405.90



Total Volume at Station 24+20.00	
Cut Area (sf)	7.03
Fill Area (sf)	7.69
Cut Vol (cy)	7.63
Fill Vol (cy)	4.08
Cum Cut Vol (cy)	735.96
Cum Fill Vol (cy)	415.71



Total Volume at Station 23+00.00	
Cut Area (sf)	27.68
Fill Area (sf)	0.49
Cut Vol (cy)	21.13
Fill Vol (cy)	0.59
Cum Cut Vol (cy)	656.12
Cum Fill Vol (cy)	405.32



Total Volume at Station 24+00.00	
Cut Area (sf)	13.58
Fill Area (sf)	3.33
Cut Vol (cy)	10.14
Fill Vol (cy)	2.04
Cum Cut Vol (cy)	728.33
Cum Fill Vol (cy)	411.63

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CONSULTANTS

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NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

CROSS SECTIONS

SHEET NO:

13-7

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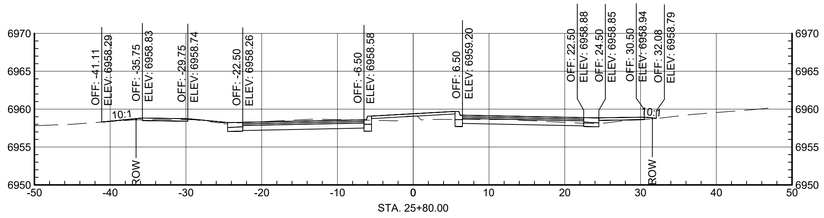
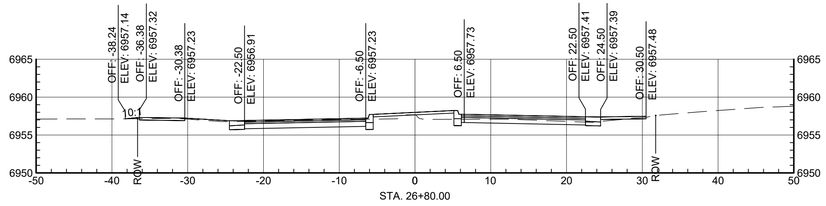
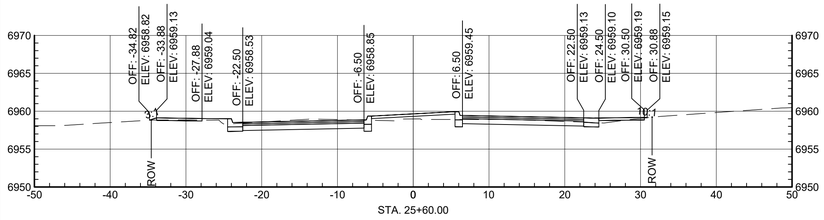


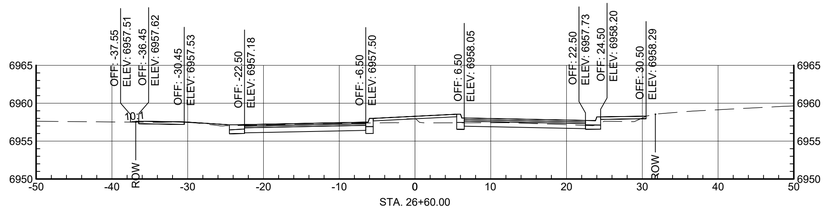
Total Volume at Station 25+80.00	
Cut Area (sf)	1.63
Fill Area (sf)	25.06
Cut Vol (cy)	1.26
Fill Vol (cy)	18.40
Cum Cut Vol (cy)	750.95
Cum Fill Vol (cy)	522.91



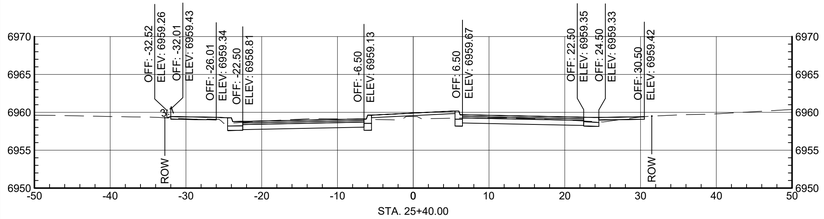
Total Volume at Station 26+80.00	
Cut Area (sf)	0.05
Fill Area (sf)	26.88
Cut Vol (cy)	0.24
Fill Vol (cy)	19.77
Cum Cut Vol (cy)	753.66
Cum Fill Vol (cy)	628.68



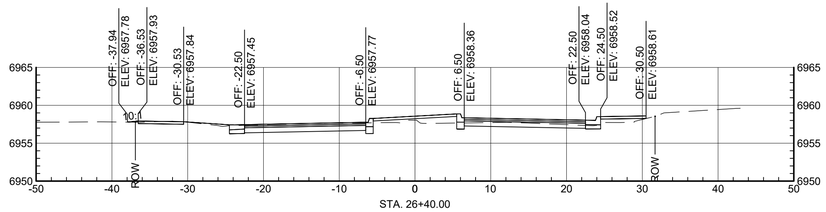
Total Volume at Station 25+60.00	
Cut Area (sf)	1.79
Fill Area (sf)	24.63
Cut Vol (cy)	0.69
Fill Vol (cy)	17.83
Cum Cut Vol (cy)	749.69
Cum Fill Vol (cy)	504.51



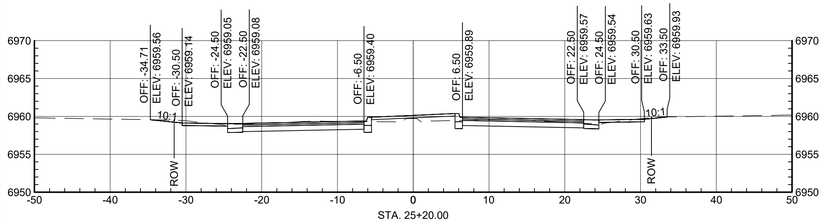
Total Volume at Station 26+60.00	
Cut Area (sf)	0.58
Fill Area (sf)	26.50
Cut Vol (cy)	0.30
Fill Vol (cy)	20.26
Cum Cut Vol (cy)	753.42
Cum Fill Vol (cy)	608.91



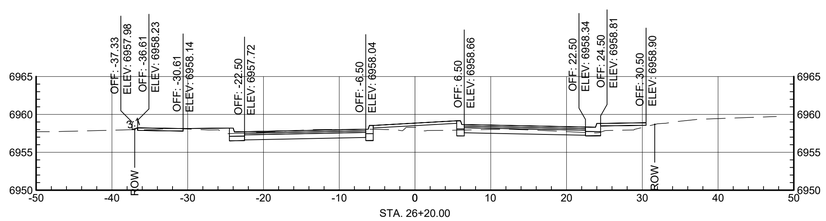
Total Volume at Station 25+40.00	
Cut Area (sf)	0.09
Fill Area (sf)	23.52
Cut Vol (cy)	0.53
Fill Vol (cy)	18.00
Cum Cut Vol (cy)	748.99
Cum Fill Vol (cy)	486.68



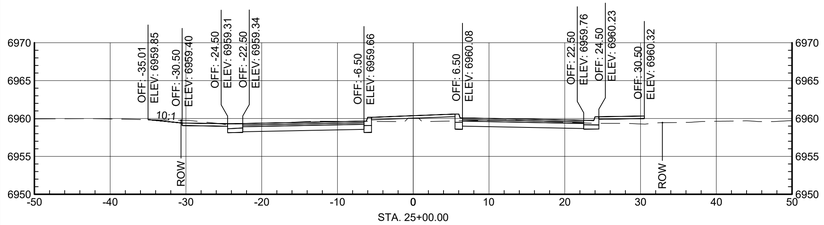
Total Volume at Station 26+40.00	
Cut Area (sf)	0.22
Fill Area (sf)	28.20
Cut Vol (cy)	0.26
Fill Vol (cy)	21.93
Cum Cut Vol (cy)	753.13
Cum Fill Vol (cy)	588.64



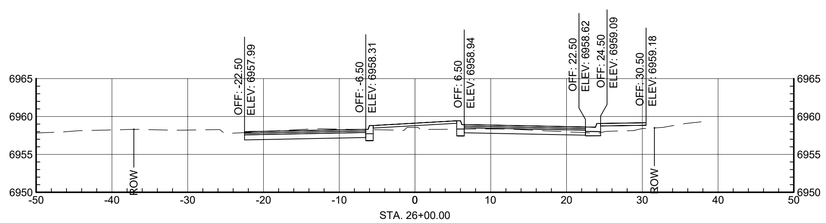
Total Volume at Station 25+20.00	
Cut Area (sf)	1.35
Fill Area (sf)	25.08
Cut Vol (cy)	1.40
Fill Vol (cy)	17.65
Cum Cut Vol (cy)	748.46
Cum Fill Vol (cy)	468.68



Total Volume at Station 26+20.00	
Cut Area (sf)	0.47
Fill Area (sf)	31.02
Cut Vol (cy)	0.74
Fill Vol (cy)	23.00
Cum Cut Vol (cy)	752.87
Cum Fill Vol (cy)	566.71



Total Volume at Station 25+00.00	
Cut Area (sf)	2.43
Fill Area (sf)	22.58
Cut Vol (cy)	1.59
Fill Vol (cy)	13.92
Cum Cut Vol (cy)	747.06
Cum Fill Vol (cy)	451.03



Total Volume at Station 26+00.00	
Cut Area (sf)	1.54
Fill Area (sf)	31.09
Cut Vol (cy)	1.17
Fill Vol (cy)	20.80
Cum Cut Vol (cy)	752.12
Cum Fill Vol (cy)	543.71

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DATE:	JUL 2022

SHEET TITLE

CROSS SECTIONS

SHEET NO:

13-8

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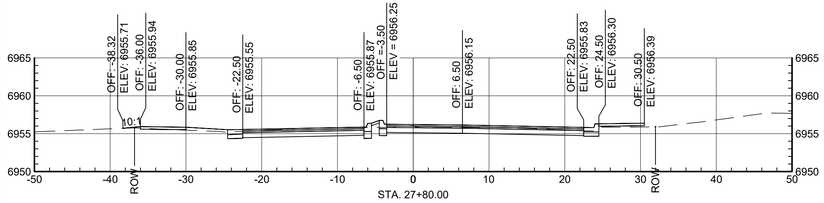
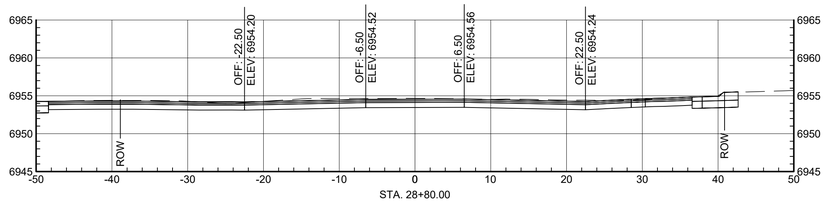
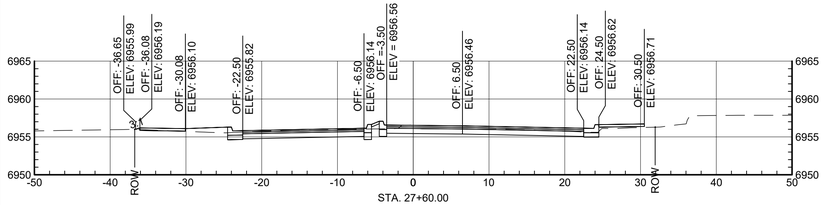


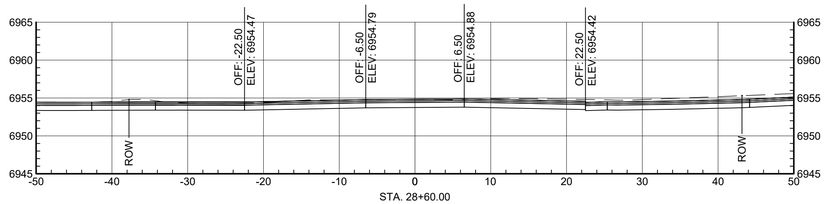
Total Volume at Station 27+80.00	
Cut Area (sf)	0.00
Fill Area (sf)	19.63
Cut Vol (cy)	0.01
Fill Vol (cy)	15.98
Cum Cut Vol (cy)	753.76
Cum Fill Vol (cy)	719.85



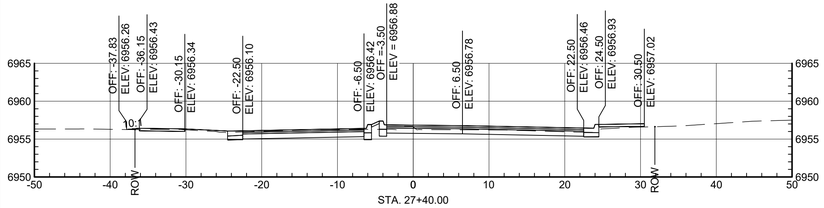
Total Volume at Station 28+80.00	
Cut Area (sf)	26.68
Fill Area (sf)	0.78
Cut Vol (cy)	15.45
Fill Vol (cy)	2.21
Cum Cut Vol (cy)	794.79
Cum Fill Vol (cy)	754.31



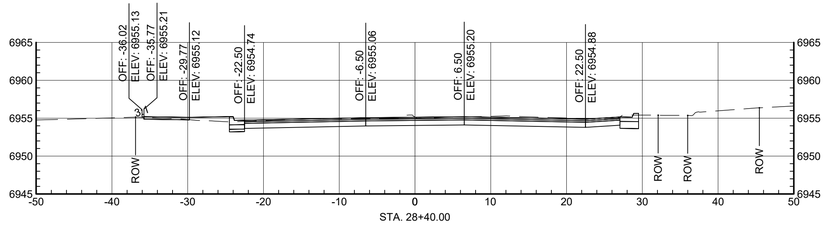
Total Volume at Station 27+60.00	
Cut Area (sf)	0.03
Fill Area (sf)	23.51
Cut Vol (cy)	0.01
Fill Vol (cy)	17.31
Cum Cut Vol (cy)	753.75
Cum Fill Vol (cy)	703.87



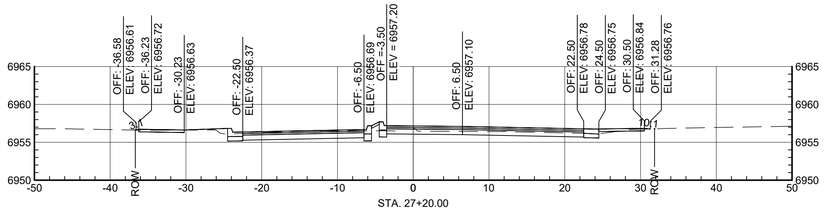
Total Volume at Station 28+60.00	
Cut Area (sf)	15.04
Fill Area (sf)	5.20
Cut Vol (cy)	14.56
Fill Vol (cy)	3.80
Cum Cut Vol (cy)	779.34
Cum Fill Vol (cy)	752.10



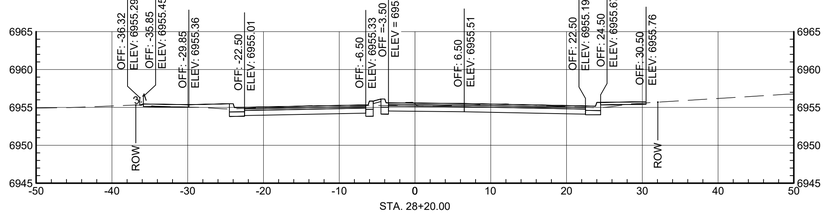
Total Volume at Station 27+40.00	
Cut Area (sf)	0.00
Fill Area (sf)	23.24
Cut Vol (cy)	0.01
Fill Vol (cy)	17.85
Cum Cut Vol (cy)	753.73
Cum Fill Vol (cy)	686.56



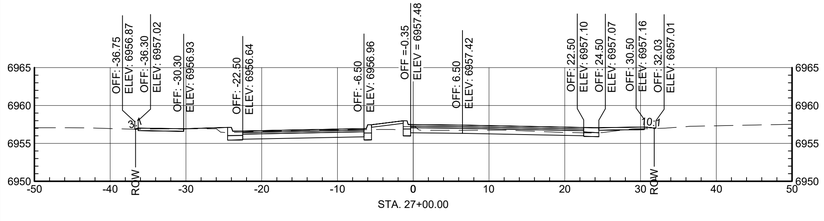
Total Volume at Station 28+40.00	
Cut Area (sf)	24.27
Fill Area (sf)	5.05
Cut Vol (cy)	9.88
Fill Vol (cy)	6.05
Cum Cut Vol (cy)	764.78
Cum Fill Vol (cy)	748.30



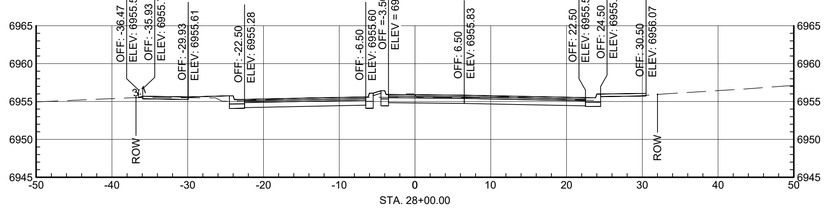
Total Volume at Station 27+20.00	
Cut Area (sf)	0.03
Fill Area (sf)	24.95
Cut Vol (cy)	0.03
Fill Vol (cy)	19.66
Cum Cut Vol (cy)	753.72
Cum Fill Vol (cy)	668.71



Total Volume at Station 28+20.00	
Cut Area (sf)	2.41
Fill Area (sf)	11.28
Cut Vol (cy)	1.02
Fill Vol (cy)	9.65
Cum Cut Vol (cy)	754.90
Cum Fill Vol (cy)	742.25



Total Volume at Station 27+00.00	
Cut Area (sf)	0.05
Fill Area (sf)	28.12
Cut Vol (cy)	0.04
Fill Vol (cy)	20.37
Cum Cut Vol (cy)	753.70
Cum Fill Vol (cy)	649.05



Total Volume at Station 28+00.00	
Cut Area (sf)	0.33
Fill Area (sf)	14.78
Cut Vol (cy)	0.12
Fill Vol (cy)	12.75
Cum Cut Vol (cy)	753.88
Cum Fill Vol (cy)	732.60

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CONSULTANTS

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TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

	BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

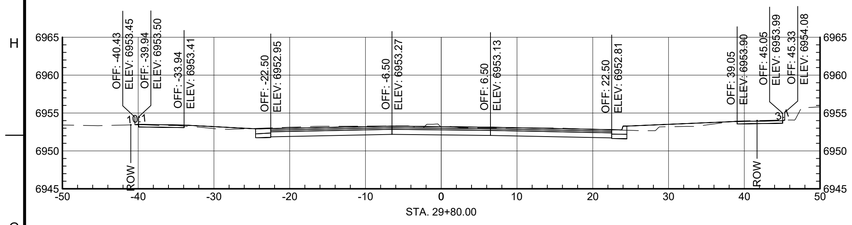
SHEET TITLE

CROSS SECTIONS

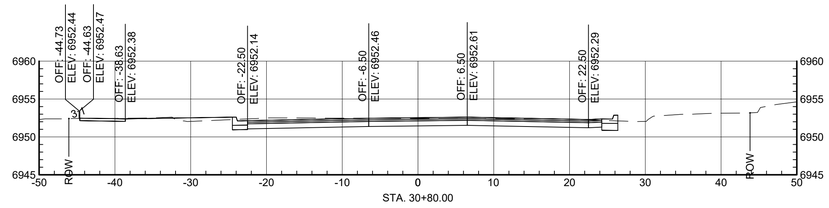
SHEET NO:

13-9

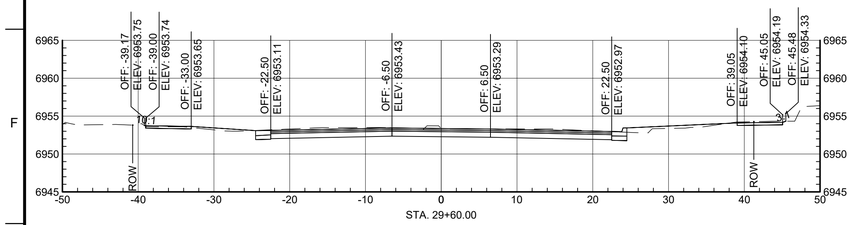
7/28/2022 M:\MSD\17-600-085-00\2_Disciplines_SHEETS\2_Sheets - civil\SECTION 13\176085_CSML01.dwg



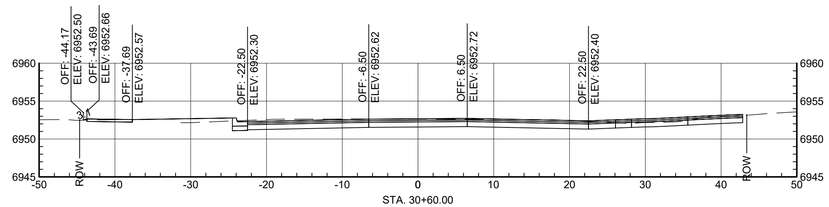
Total Volume at Station 29+80.00	
Cut Area (sf)	3.51
Fill Area (sf)	8.98
Cut Vol (cy)	3.47
Fill Vol (cy)	6.22
Cum Cut Vol (cy)	838.95
Cum Fill Vol (cy)	773.12



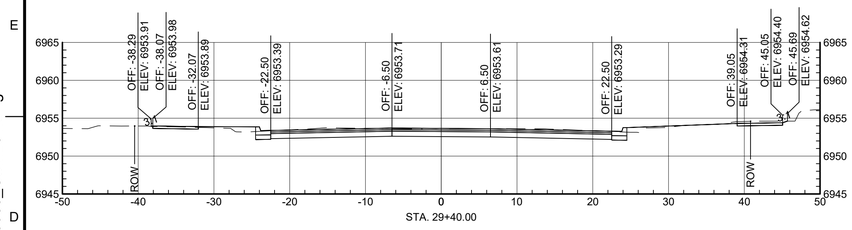
Total Volume at Station 30+80.00	
Cut Area (sf)	3.83
Fill Area (sf)	11.73
Cut Vol (cy)	2.47
Fill Vol (cy)	9.93
Cum Cut Vol (cy)	853.06
Cum Fill Vol (cy)	817.99



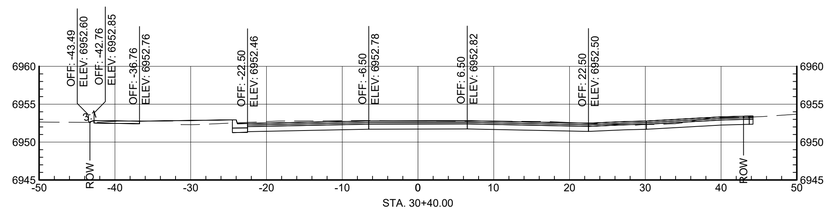
Total Volume at Station 29+60.00	
Cut Area (sf)	5.86
Fill Area (sf)	7.82
Cut Vol (cy)	3.63
Fill Vol (cy)	5.45
Cum Cut Vol (cy)	835.48
Cum Fill Vol (cy)	766.90



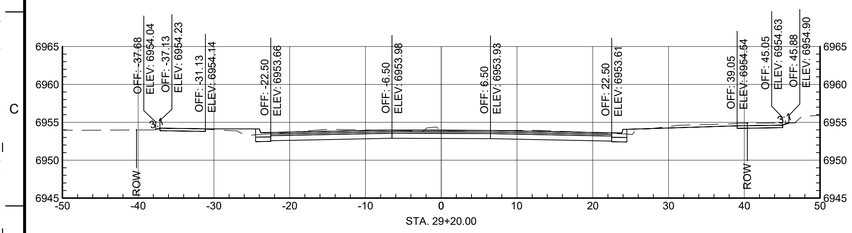
Total Volume at Station 30+60.00	
Cut Area (sf)	2.83
Fill Area (sf)	15.07
Cut Vol (cy)	2.39
Fill Vol (cy)	10.66
Cum Cut Vol (cy)	850.59
Cum Fill Vol (cy)	808.06



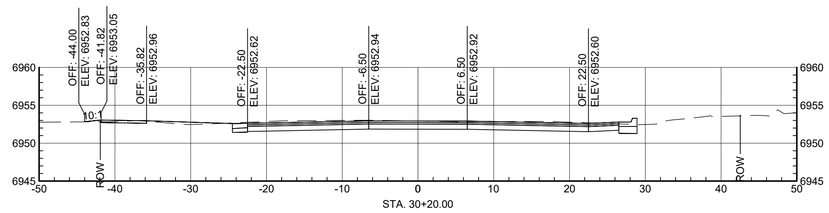
Total Volume at Station 29+40.00	
Cut Area (sf)	3.94
Fill Area (sf)	6.90
Cut Vol (cy)	4.45
Fill Vol (cy)	4.55
Cum Cut Vol (cy)	831.85
Cum Fill Vol (cy)	761.45



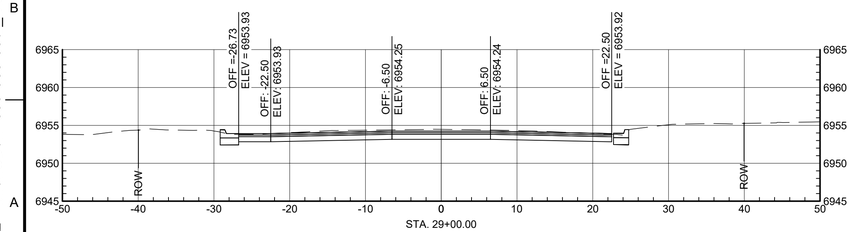
Total Volume at Station 30+40.00	
Cut Area (sf)	3.61
Fill Area (sf)	13.70
Cut Vol (cy)	3.02
Fill Vol (cy)	9.86
Cum Cut Vol (cy)	848.21
Cum Fill Vol (cy)	797.40



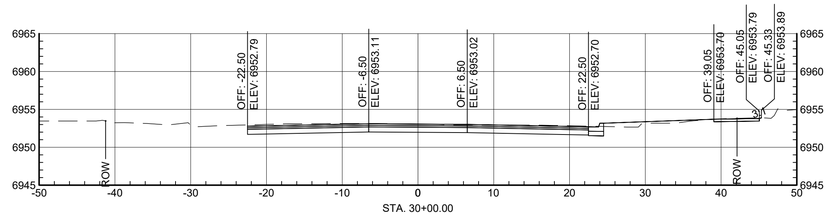
Total Volume at Station 29+20.00	
Cut Area (sf)	8.08
Fill Area (sf)	5.37
Cut Vol (cy)	12.86
Fill Vol (cy)	2.15
Cum Cut Vol (cy)	827.40
Cum Fill Vol (cy)	756.91



Total Volume at Station 30+20.00	
Cut Area (sf)	4.53
Fill Area (sf)	12.92
Cut Vol (cy)	3.31
Fill Vol (cy)	7.94
Cum Cut Vol (cy)	845.19
Cum Fill Vol (cy)	787.55



Total Volume at Station 29+00.00	
Cut Area (sf)	26.65
Fill Area (sf)	0.43
Cut Vol (cy)	19.75
Fill Vol (cy)	0.45
Cum Cut Vol (cy)	814.54
Cum Fill Vol (cy)	754.76



Total Volume at Station 30+00.00	
Cut Area (sf)	4.40
Fill Area (sf)	8.52
Cut Vol (cy)	2.93
Fill Vol (cy)	6.48
Cum Cut Vol (cy)	841.88
Cum Fill Vol (cy)	779.61

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NMDOT PROJECT NO:	S100460 & LP50008
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DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE

CROSS SECTIONS

SHEET NO:

13-10

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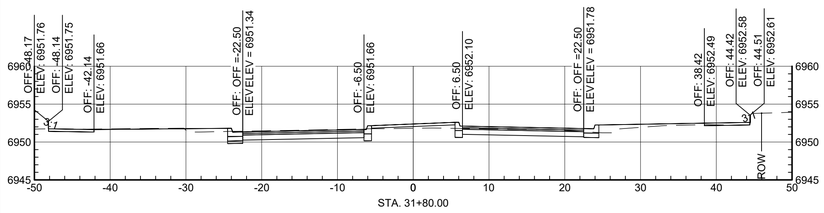
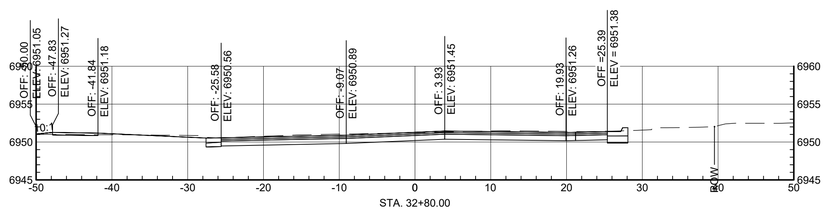
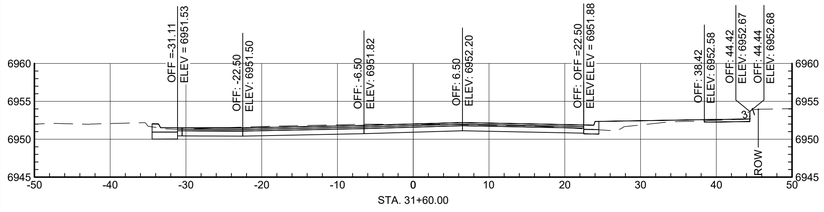


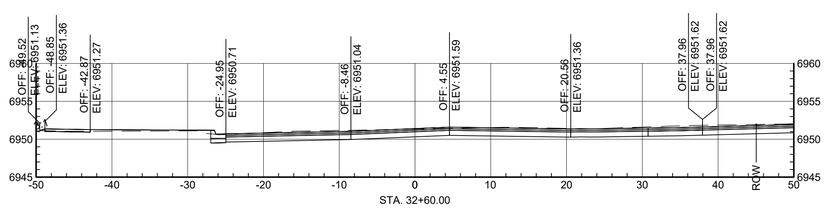
Total Volume at Station 31+80.00	
Cut Area (sf)	2.39
Fill Area (sf)	23.35
Cut Vol (cy)	3.43
Fill Vol (cy)	14.65
Cum Cut Vol (cy)	874.23
Cum Fill Vol (cy)	881.39



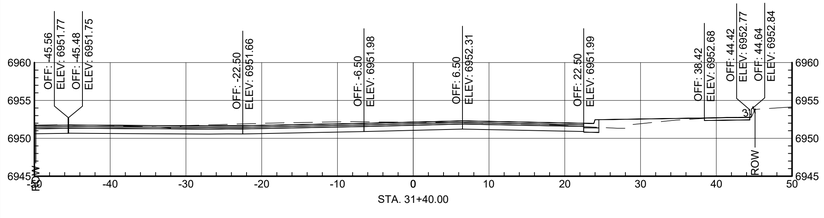
Total Volume at Station 32+80.00	
Cut Area (sf)	7.70
Fill Area (sf)	3.41
Cut Vol (cy)	5.62
Fill Vol (cy)	3.18
Cum Cut Vol (cy)	887.37
Cum Fill Vol (cy)	930.30



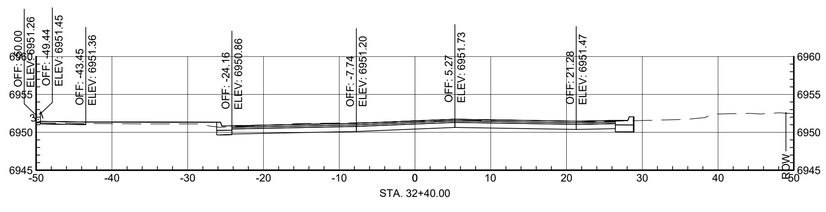
Total Volume at Station 31+60.00	
Cut Area (sf)	6.88
Fill Area (sf)	16.20
Cut Vol (cy)	4.80
Fill Vol (cy)	12.17
Cum Cut Vol (cy)	870.80
Cum Fill Vol (cy)	866.74



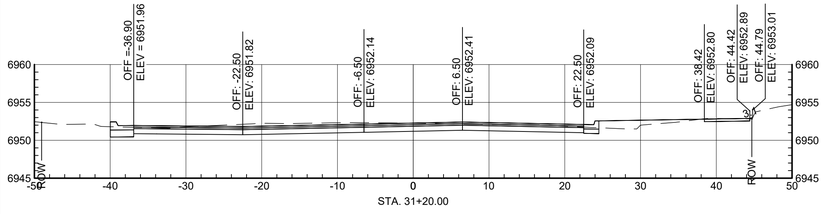
Total Volume at Station 32+60.00	
Cut Area (sf)	7.10
Fill Area (sf)	5.73
Cut Vol (cy)	3.86
Fill Vol (cy)	5.98
Cum Cut Vol (cy)	881.75
Cum Fill Vol (cy)	927.12



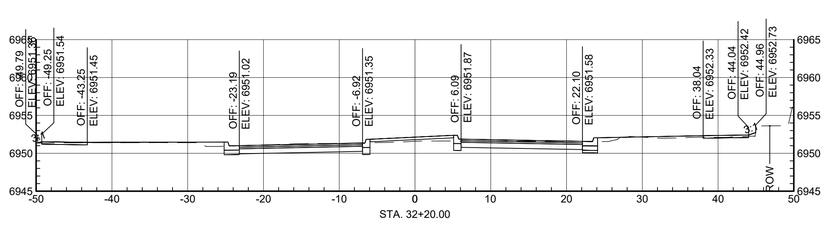
Total Volume at Station 31+40.00	
Cut Area (sf)	6.07
Fill Area (sf)	16.67
Cut Vol (cy)	4.57
Fill Vol (cy)	13.54
Cum Cut Vol (cy)	866.00
Cum Fill Vol (cy)	854.57



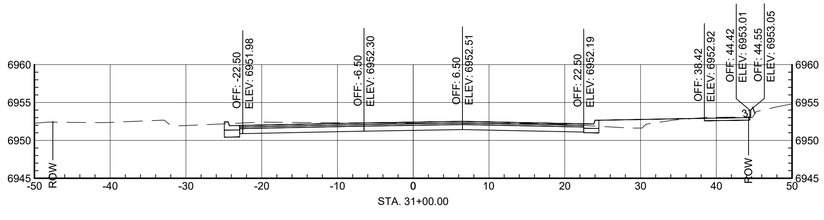
Total Volume at Station 32+40.00	
Cut Area (sf)	2.86
Fill Area (sf)	11.07
Cut Vol (cy)	1.44
Fill Vol (cy)	10.55
Cum Cut Vol (cy)	877.89
Cum Fill Vol (cy)	921.14



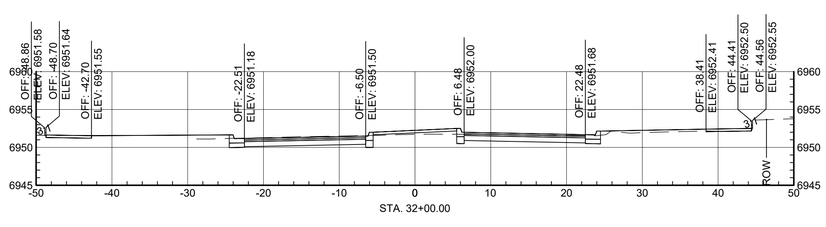
Total Volume at Station 31+20.00	
Cut Area (sf)	6.27
Fill Area (sf)	19.88
Cut Vol (cy)	4.64
Fill Vol (cy)	13.03
Cum Cut Vol (cy)	861.43
Cum Fill Vol (cy)	841.04



Total Volume at Station 32+20.00	
Cut Area (sf)	0.90
Fill Area (sf)	17.52
Cut Vol (cy)	0.83
Fill Vol (cy)	13.52
Cum Cut Vol (cy)	876.45
Cum Fill Vol (cy)	910.59



Total Volume at Station 31+00.00	
Cut Area (sf)	6.25
Fill Area (sf)	15.31
Cut Vol (cy)	3.74
Fill Vol (cy)	10.02
Cum Cut Vol (cy)	856.79
Cum Fill Vol (cy)	828.00



Total Volume at Station 32+00.00	
Cut Area (sf)	1.36
Fill Area (sf)	18.98
Cut Vol (cy)	1.39
Fill Vol (cy)	15.68
Cum Cut Vol (cy)	875.62
Cum Fill Vol (cy)	897.07

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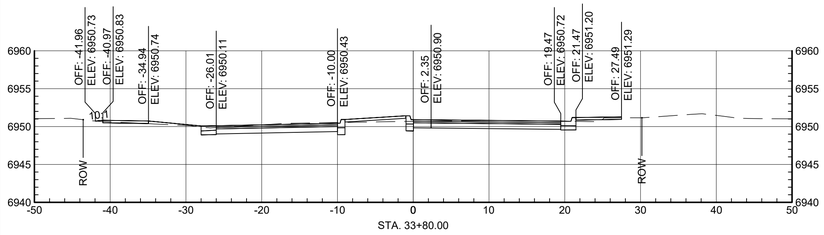
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

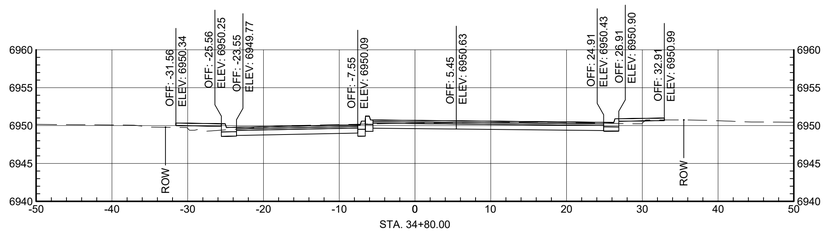
SHEET TITLE
CROSS SECTIONS

SHEET NO:
13-11

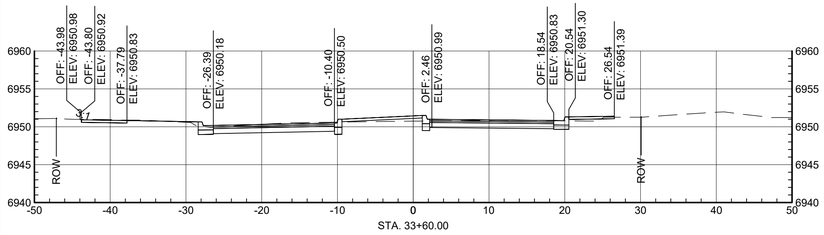
7/28/2022 M:\MSD17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 13\176085_CSML01.dwg



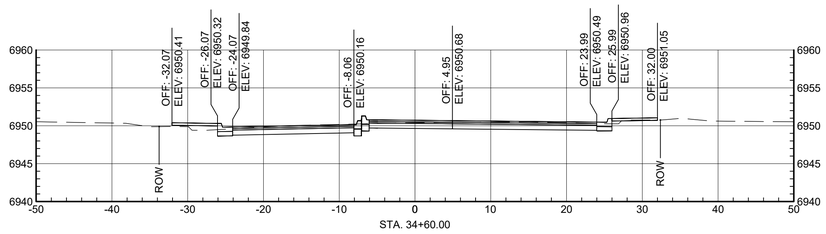
Total Volume at Station 33+80.00	
Cut Area (sf)	1.09
Fill Area (sf)	13.35
Cut Vol (cy)	0.85
Fill Vol (cy)	10.26
Cum Cut Vol (cy)	896.23
Cum Fill Vol (cy)	973.76



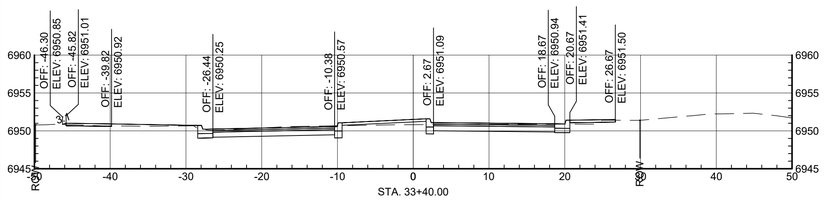
Total Volume at Station 34+80.00	
Cut Area (sf)	0.92
Fill Area (sf)	17.56
Cut Vol (cy)	0.51
Fill Vol (cy)	12.53
Cum Cut Vol (cy)	901.27
Cum Fill Vol (cy)	1021.09



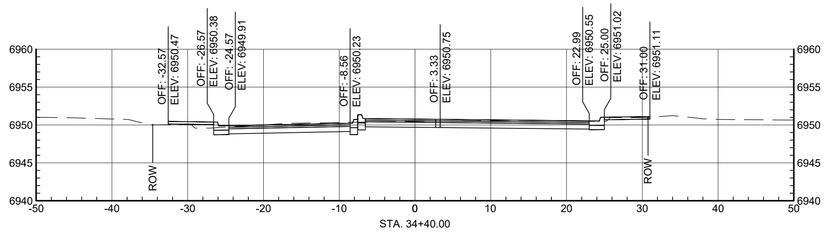
Total Volume at Station 33+60.00	
Cut Area (sf)	1.33
Fill Area (sf)	14.56
Cut Vol (cy)	0.59
Fill Vol (cy)	12.32
Cum Cut Vol (cy)	895.38
Cum Fill Vol (cy)	963.50



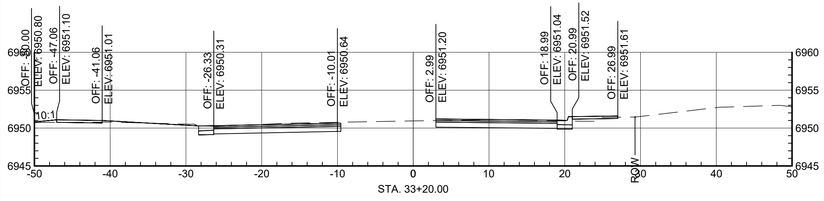
Total Volume at Station 34+60.00	
Cut Area (sf)	0.49
Fill Area (sf)	16.57
Cut Vol (cy)	0.70
Fill Vol (cy)	10.50
Cum Cut Vol (cy)	900.76
Cum Fill Vol (cy)	1008.56



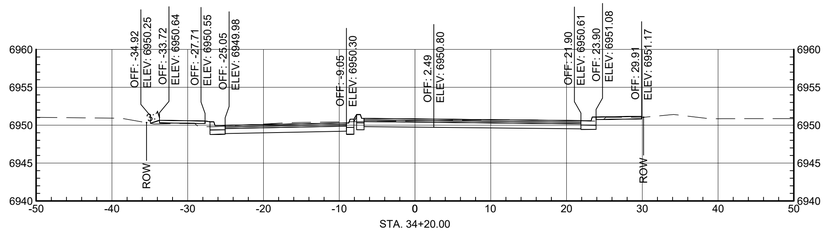
Total Volume at Station 33+40.00	
Cut Area (sf)	0.33
Fill Area (sf)	19.07
Cut Vol (cy)	0.83
Fill Vol (cy)	11.28
Cum Cut Vol (cy)	894.79
Cum Fill Vol (cy)	951.17



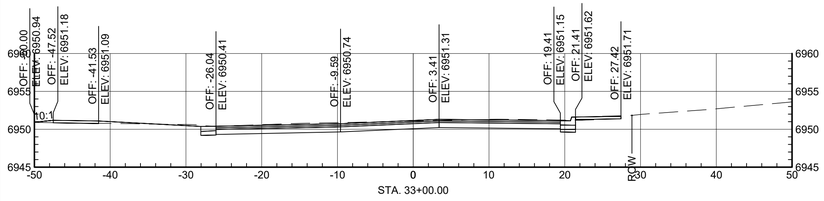
Total Volume at Station 34+40.00	
Cut Area (sf)	1.46
Fill Area (sf)	12.16
Cut Vol (cy)	1.29
Fill Vol (cy)	8.18
Cum Cut Vol (cy)	900.06
Cum Fill Vol (cy)	998.06



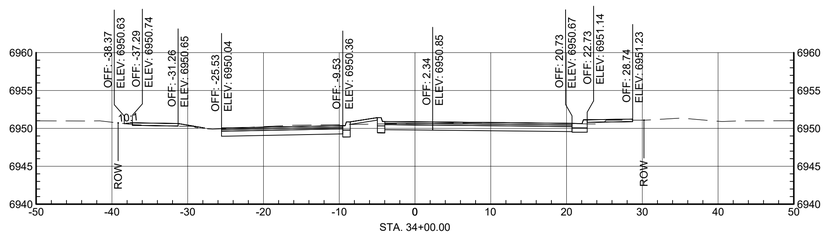
Total Volume at Station 33+20.00	
Cut Area (sf)	1.97
Fill Area (sf)	11.88
Cut Vol (cy)	2.21
Fill Vol (cy)	6.38
Cum Cut Vol (cy)	893.97
Cum Fill Vol (cy)	939.90



Total Volume at Station 34+20.00	
Cut Area (sf)	2.14
Fill Area (sf)	10.37
Cut Vol (cy)	1.46
Fill Vol (cy)	7.51
Cum Cut Vol (cy)	898.77
Cum Fill Vol (cy)	989.89



Total Volume at Station 33+00.00	
Cut Area (sf)	4.15
Fill Area (sf)	5.72
Cut Vol (cy)	4.39
Fill Vol (cy)	3.22
Cum Cut Vol (cy)	891.75
Cum Fill Vol (cy)	933.52



Total Volume at Station 34+00.00	
Cut Area (sf)	1.91
Fill Area (sf)	10.25
Cut Vol (cy)	1.08
Fill Vol (cy)	8.62
Cum Cut Vol (cy)	897.31
Cum Fill Vol (cy)	982.38

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CONSULTANTS

SEAL

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NEW MEXICO
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REGISTERED
PROFESSIONAL ENGINEER
07/29/2022

PROJECT NAME

GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

REV.	DATE	DESCRIPTION	BY

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

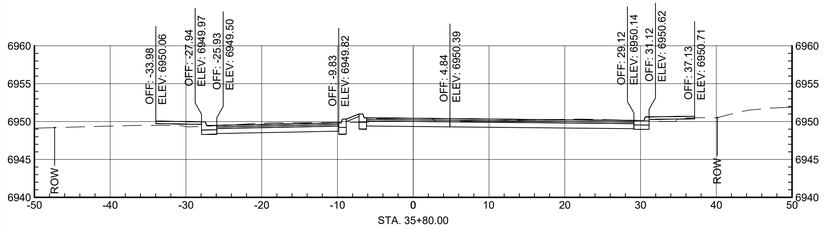
SHEET TITLE

CROSS SECTIONS

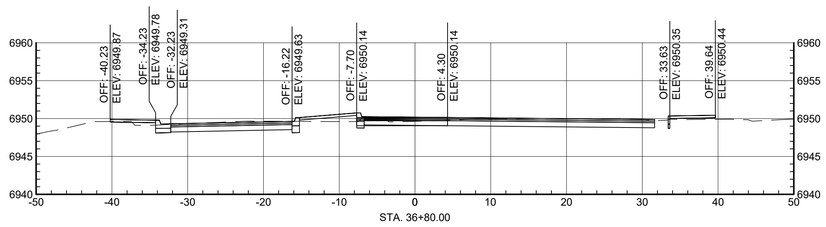
SHEET NO:

13-12

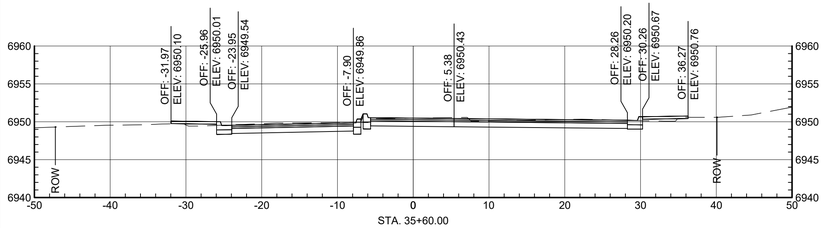
7/28/2022 M:\MSD\17-600-085-002_Disciplines_SHEETS\2_Sheets - civil\SECTION 13\176085_CSML01.dwg



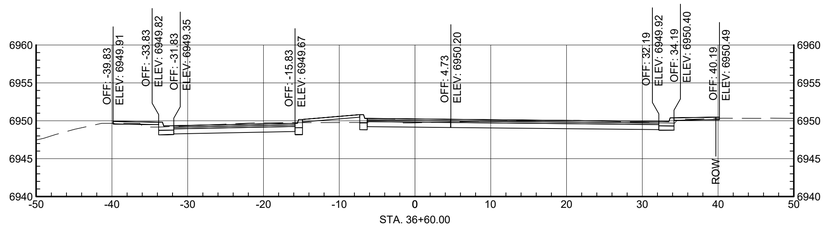
Total Volume at Station 35+80.00	
Cut Area (sf)	2.49
Fill Area (sf)	13.61
Cut Vol (cy)	1.94
Fill Vol (cy)	9.05
Cum Cut Vol (cy)	910.74
Cum Fill Vol (cy)	1066.81



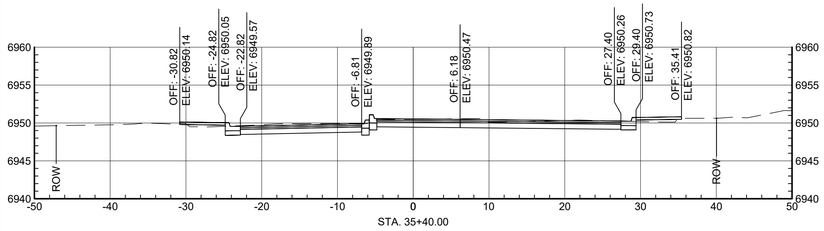
Total Volume at Station 36+80.00	
Cut Area (sf)	2.60
Fill Area (sf)	16.27
Cut Vol (cy)	1.43
Fill Vol (cy)	13.04
Cum Cut Vol (cy)	917.54
Cum Fill Vol (cy)	1128.24



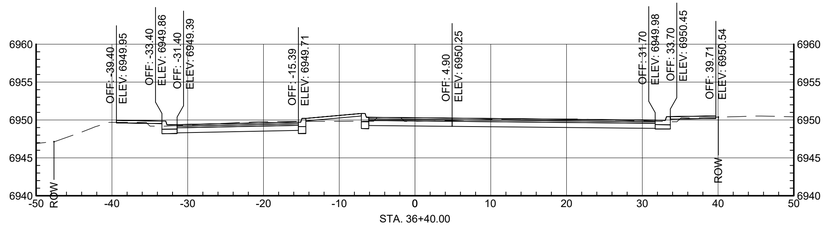
Total Volume at Station 35+60.00	
Cut Area (sf)	2.76
Fill Area (sf)	10.83
Cut Vol (cy)	2.15
Fill Vol (cy)	8.00
Cum Cut Vol (cy)	908.79
Cum Fill Vol (cy)	1057.76



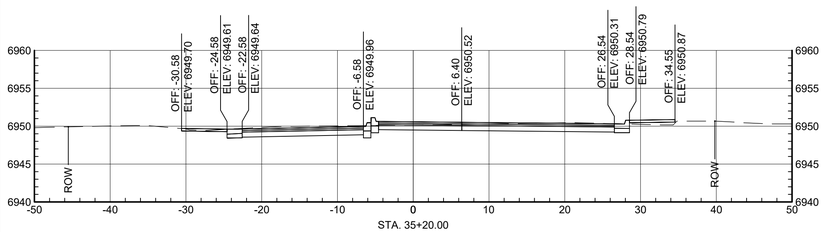
Total Volume at Station 36+60.00	
Cut Area (sf)	1.30
Fill Area (sf)	18.29
Cut Vol (cy)	1.07
Fill Vol (cy)	13.17
Cum Cut Vol (cy)	916.11
Cum Fill Vol (cy)	1115.20



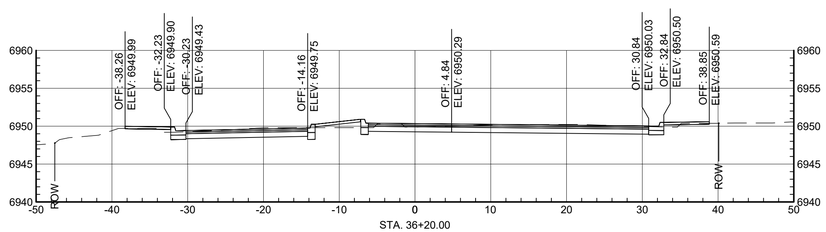
Total Volume at Station 35+40.00	
Cut Area (sf)	3.06
Fill Area (sf)	10.76
Cut Vol (cy)	2.38
Fill Vol (cy)	8.40
Cum Cut Vol (cy)	906.64
Cum Fill Vol (cy)	1049.76



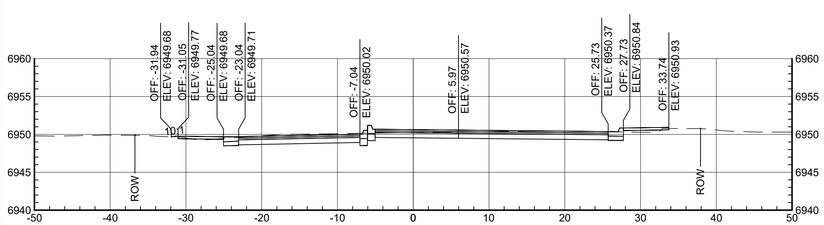
Total Volume at Station 36+40.00	
Cut Area (sf)	1.48
Fill Area (sf)	17.00
Cut Vol (cy)	1.21
Fill Vol (cy)	12.30
Cum Cut Vol (cy)	915.04
Cum Fill Vol (cy)	1102.03



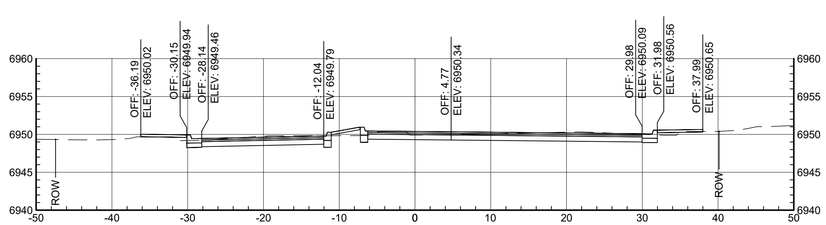
Total Volume at Station 35+20.00	
Cut Area (sf)	3.38
Fill Area (sf)	11.91
Cut Vol (cy)	1.95
Fill Vol (cy)	9.14
Cum Cut Vol (cy)	904.26
Cum Fill Vol (cy)	1041.37



Total Volume at Station 36+20.00	
Cut Area (sf)	1.80
Fill Area (sf)	16.21
Cut Vol (cy)	1.42
Fill Vol (cy)	11.94
Cum Cut Vol (cy)	913.83
Cum Fill Vol (cy)	1089.73



Total Volume at Station 35+00.00	
Cut Area (sf)	1.96
Fill Area (sf)	12.56
Cut Vol (cy)	1.04
Fill Vol (cy)	11.14
Cum Cut Vol (cy)	902.31
Cum Fill Vol (cy)	1032.23



Total Volume at Station 36+00.00	
Cut Area (sf)	2.02
Fill Area (sf)	16.04
Cut Vol (cy)	1.67
Fill Vol (cy)	10.98
Cum Cut Vol (cy)	912.41
Cum Fill Vol (cy)	1077.79

FOR REFERENCE ONLY
0 5' 10'

WILSON & COMPANY
4401 MASTHEAD ST. NE. SUITE 150
ALBUQUERQUE, NM 87109
PHONE: 505-348-4000
FAX: 505-348-4072
www.wilsonco.com

CONSULTANTS

SEAL
TYLER J. ASHTON
NEW MEXICO
07/29/2022

PROJECT NAME
GUADALUPE ST
RECONSTRUCTION
SANTA FE, NM
CIP # 801B

BY	DESCRIPTION	DATE	REV.

WCI PROJECT NO:	1760008500
NMDOT PROJECT NO:	S100460 & LP50008
DESIGNED BY:	TJA
DRAWN BY:	JEM
CHECKED BY:	TJA
DATE:	JUL 2022

SHEET TITLE
CROSS SECTIONS

SHEET NO:
13-13

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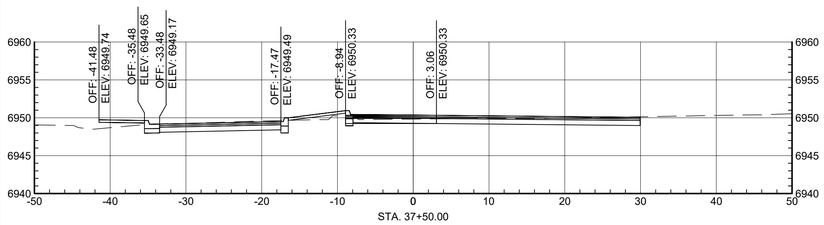
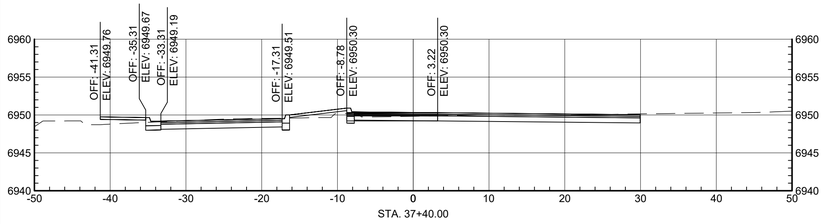
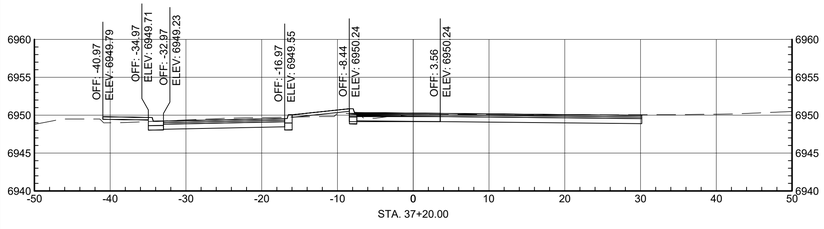


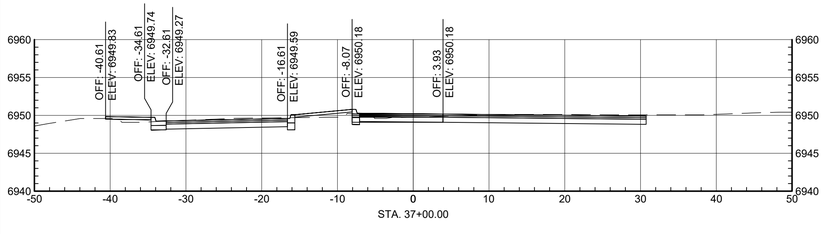
Total Volume at Station 37+50.00	
Cut Area (sf)	1.31
Fill Area (sf)	17.58
Cut Vol (cy)	0.44
Fill Vol (cy)	6.91
Cum Cut Vol (cy)	926.46
Cum Fill Vol (cy)	1170.31



Total Volume at Station 37+40.00	
Cut Area (sf)	0.93
Fill Area (sf)	18.12
Cut Vol (cy)	1.74
Fill Vol (cy)	12.34
Cum Cut Vol (cy)	926.02
Cum Fill Vol (cy)	1163.40



Total Volume at Station 37+20.00	
Cut Area (sf)	3.62
Fill Area (sf)	13.67
Cut Vol (cy)	3.59
Fill Vol (cy)	10.97
Cum Cut Vol (cy)	924.28
Cum Fill Vol (cy)	1151.07



Total Volume at Station 37+00.00	
Cut Area (sf)	6.30
Fill Area (sf)	14.68
Cut Vol (cy)	3.15
Fill Vol (cy)	11.85
Cum Cut Vol (cy)	920.69
Cum Fill Vol (cy)	1140.10

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CONSULTANTS

SEAL

TYLER J. ASHTON
NEW MEXICO
PROFESSIONAL ENGINEER
07/29/2022

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SHEET TITLE
CROSS SECTIONS

SHEET NO:
13-14

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