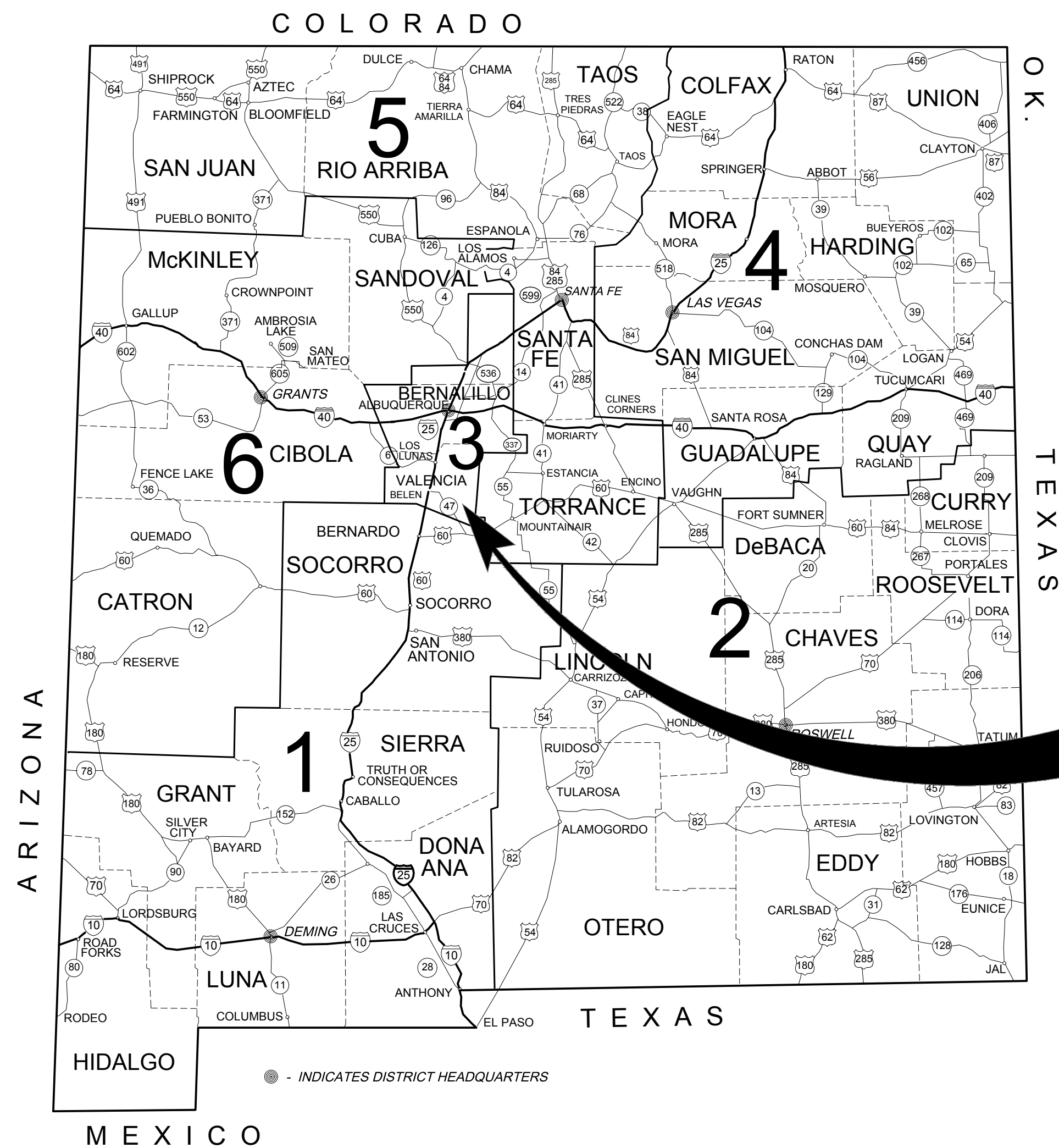
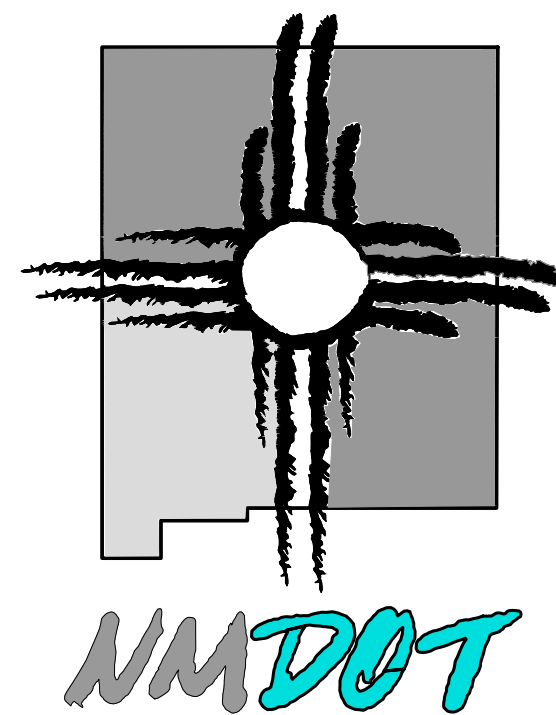
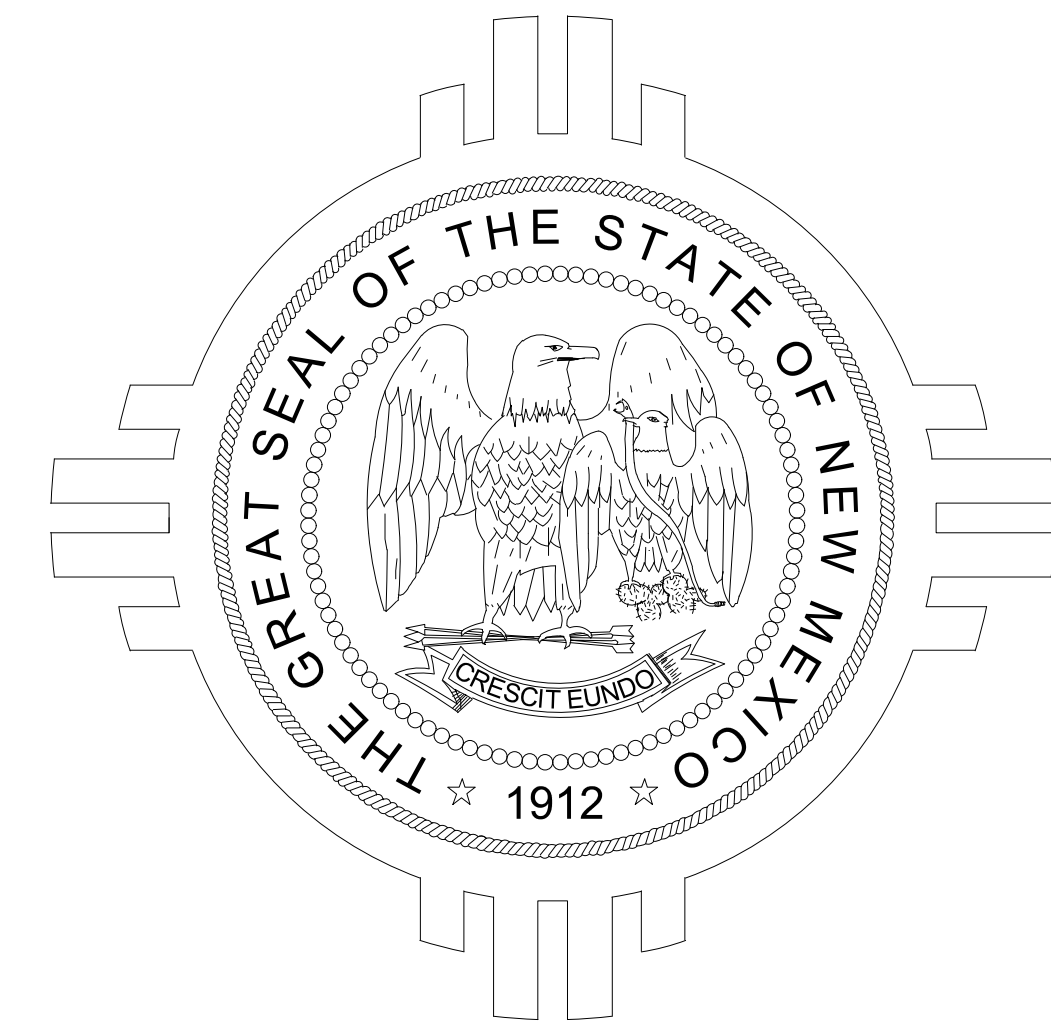
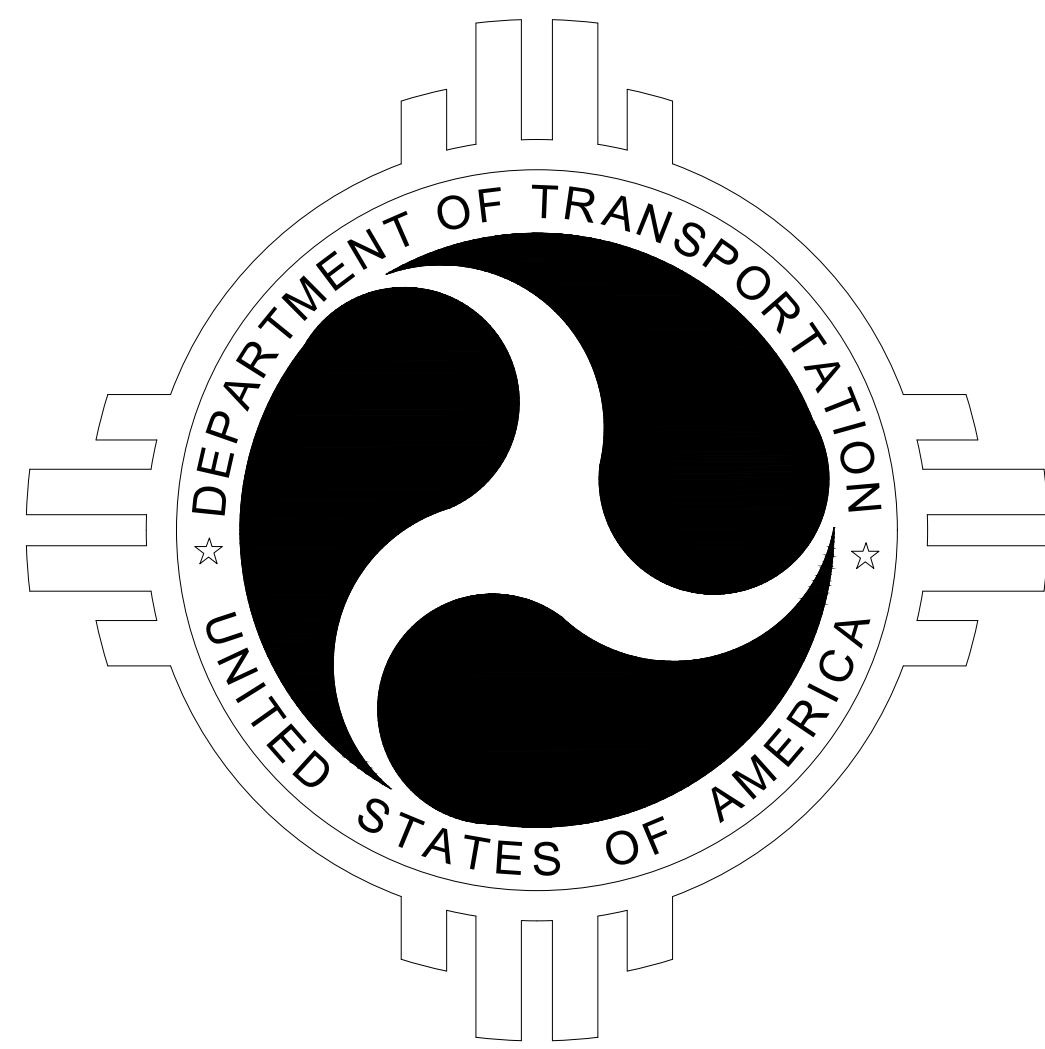


VALENCIA COUNTY, NEW MEXICO CONSTRUCTION PLANS



MANZANO EXPRESSWAY PAVEMENT REHABILITATION PHASE II

CN: A301390



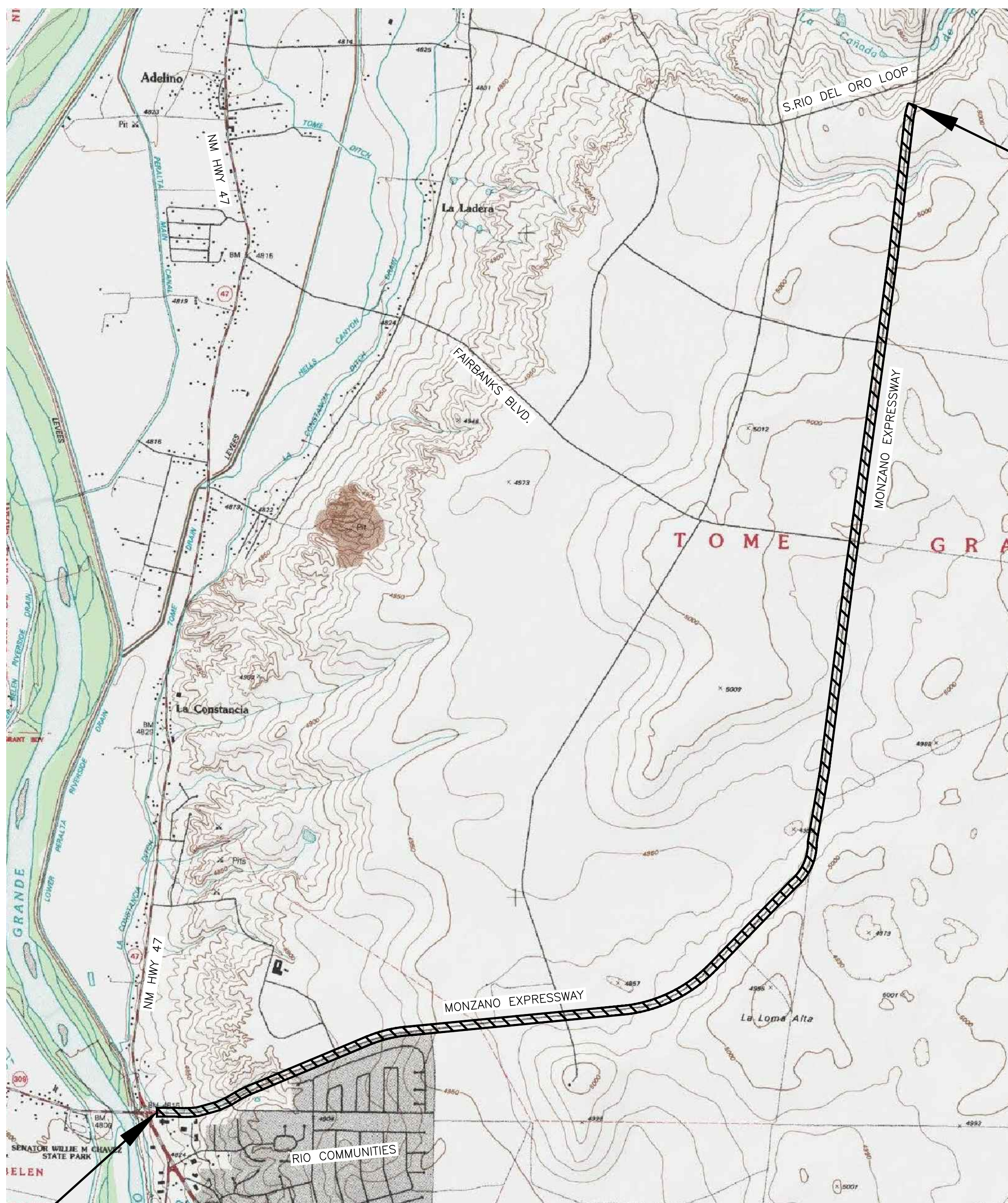
CN: A301390
BEGIN AT NM 47
END AT S. RIO DEL ORO LOOP



Length of Project - 6.40 Miles

CONVENTIONAL SIGNS ON PLAN AND PROFILES

- ⊙ GAS 2" PIPE
- G GAS LINE MARK
- ⬠ GAS POST
- ⊗ GAS VALVE
- △ GM GAS METER
- POWER POLE
- ⊞ ELECTRIC BOX
- ⊠ TELEPHONE PEDESTAL
- ⬠ COMMUNICATION POST
- c COMMUNICATION LINE MARK
- MAIL MAIL BOX
- DECIDUOUS TREE
- ⌋ SIGN
- ⊗ POST
- ⊗ GATE
- ⊙ NORTH ARROW

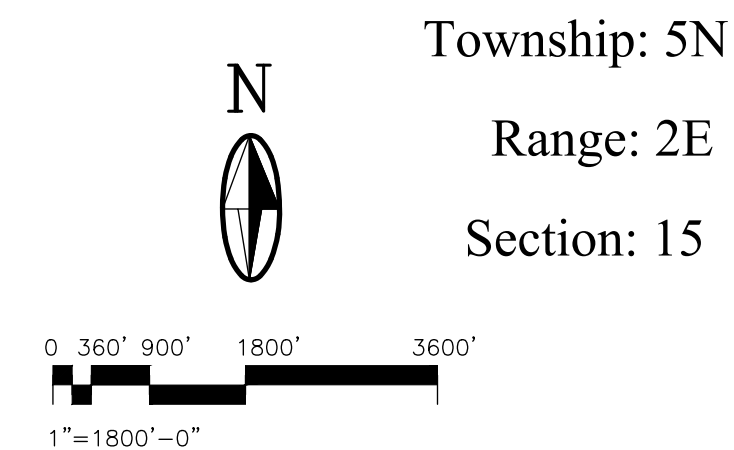


CN: A301390
EOP: STA.351+00.71

VALENCIA COUNTY CONTACTS

Public Works Director
Lina Benavidez
(505)866-2475

Road Foreman
Louie Griego
(505)866-2473



Township: 5N
Range: 2E
Section: 15

The 2014 edition of New Mexico Department of Transportation Standard Specifications for Highway and Bridge Construction shall govern construction of this project.

Shipping Point: Belen, New Mexico

VICINITY MAP

CN: A301390
BOP: STA.11+07.25

PROJECT INTENT

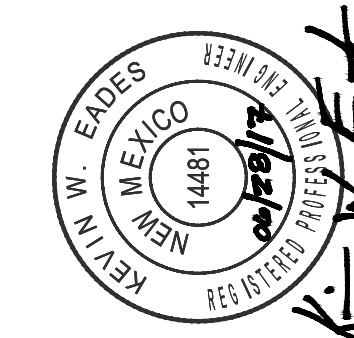
PROJECT INFORMATION: REHABILITATION OF MANZANO EXPRESSWAY FROM NEW MEXICO HWY 47 TO SOUTH RIO DEL ORO LOOP. PROJECT INCLUDES PULVERIZING AND BLENDING THE EXISTING SURFACE PRIOR TO REPAVING WITH 3" OF HOT MIX ASPHALT, PERMANENT SIGNING AND STRIPING INCLUDED.

MOLZENCORBIN

2701 Miles Road SE
Albuquerque, New Mexico 87106
505 242 5700 office
505 242 0673 fax
MolzenCorbin.com

NOTICE OF EXTENDED PAYMENT PROVISION:
THIS CONTRACT ALLOWS THE OWNER TO MAKE
PAYMENT WITHIN 45 DAYS AFTER SUBMISSION
OF AN UNDISPUTED REQUEST FOR PAYMENT

NUMERIC SCALE CONFIRMATION
DRAWINGS ARE DEPICTED AT INTENDED
NUMERIC SCALES
IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JSL
DRAWN BY:	JSL
CHECKED BY:	JA
PROJ. ENG.:	KWE
PROJECT DATE:	JUNE 2017

VICINITY MAP

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO

1-2

SHEET

INDEX OF SHEETS

SHEET NO.	DESCRIPTION	SUBTOTAL
1 - SERIES		
1-1	COVER SHEET	
1-2	VICINITY MAP	
1-3	INDEX OF DRAWINGS	
1-4	GENERAL NOTES, UTILITY OWNER CONTACTS AND LEGEND	
1-5	SUMMARY OF QUANTITIES	
1-6	ENVIRONMENTAL COMMITMENTS	
	SUBTOTAL:	6
2 - SERIES		
2-1	EXISTING TYPICAL SECTIONS	
2-2	PROPOSED TYPICAL SECTIONS	
2-3	PROPOSED TYPICAL SECTIONS	
2-4	PROPOSED TYPICAL SECTIONS	
2-5	SURFACING SCHEDULE	
2-6	HILLDALE AVE. DECELERATION LANE LAYOUT	
	SUBTOTAL:	6
3 - SERIES		
3-1	PLAN - B.O.P. STA.11+07.25 TO STA.34+00	
3-2	PLAN - STA.34+00 TO STA.58+00	
3-3	PLAN - STA.58+00 TO STA.84+00	
3-4	PLAN - STA.84+00 TO STA.106+00	
3-5	PLAN - STA.106+00 TO STA.130+00	
3-6	PLAN - STA.130+00 TO STA.154+00	
3-7	PLAN - STA.154+00 TO STA.180+00	
3-8	PLAN - STA.180+00 TO STA.202+00	
3-9	PLAN - STA.202+00 TO STA.226+00	
3-10	PLAN - STA.226+00 TO STA.250+00	
3-11	PLAN - STA.250+00 TO STA.274+00	
3-12	PLAN - STA.274+00 TO STA.298+00	
3-13	PLAN - STA.298+00 TO STA.322+00	
3-14	PLAN - STA.322+00 TO STA.346+00	
3-15	PLAN - STA.346+00 TO E.O.P. STA.351+00.71	
	SUBTOTAL:	15
4 - SERIES		
	NOT USED - TURNOUT PROFILES	0
5 - SERIES		
	NOT USED - BRIDGE	0
6 - SERIES		
6-1	SUGGESTED SEQUENCE OF CONSTRUCTION AND TYPICAL TRAFFIC CONTROL	
6-2	TYPICAL TRAFFIC CONTROL	
6-3	NMDOT - TEMPORARY PRE-CAST CONCRETE WALL BARRIER - (606-20-1/5)	
6-4	NMDOT - TEMPORARY PRE-CAST CONCRETE WALL BARRIER DETAILS - (606-20-2/5)	
6-5	NMDOT - TEMPORARY PRE-CAST CONCRETE WALL BARRIER ANCHORING DETAILS - (606-20-3/5)	
6-6	NMDOT - CONCRETE BARRIER MOUNT FOR SQUARE POST (2" THROUGH 2-1/2") - (606-20-4/5)	
6-7	NMDOT - TEMPORARY PRE-CAST WALL BARRIER FLARE RATES - (606-20-5/5)	
6-8	NMDOT - TEMPORARY TRAFFIC CONTROL GENERAL NOTES - (702-01-1/5)	
6-9	NMDOT - TEMPORARY TRAFFIC CONTROL GENERAL NOTES - (702-01-2/5)	
6-10	NMDOT - CONSTRUCTION & MAINTENANCE SIGN FACE DETAILS - (702-01-3/5)	
6-11	NMDOT - CHANNELIZATION DEVICES FOR CONSTRUCTION, MAINTENANCE, UTILITY & INCIDENT MANAGEMENT OPERATIONS - (702-01-4/5)	
6-12	NMDOT - TEMPORARY TRAFFIC MARKINGS FOR CONSTRUCTION - (702-01-5/5)	
6-13	NMDOT - TWO-LANE ROADWAY WITH ONE-LANE CLOSURE, FLAGMAN, PILOT CAR (45 MPH) - (702-11-2/2)	
	SUBTOTAL:	13
7 - SERIES		
7-1	PERMANENT SIGNING AND STRIPING GENERAL NOTES AND SCHEDULES	
7-2	PERMANENT SIGNING AND STRIPING PLAN - B.O.P. STA 11+07.25 TO STA 34+00	
7-3	PERMANENT SIGNING AND STRIPING PLAN - STA 34+00 TO STA 58+00	
7-4	PERMANENT SIGNING AND STRIPING PLAN - STA 58+00 TO STA 84+00	
7-5	PERMANENT SIGNING AND STRIPING PLAN - STA 84+00 TO STA 106+00	
7-6	PERMANENT SIGNING AND STRIPING PLAN - STA 106+00 TO STA 130+00	
7-7	PERMANENT SIGNING AND STRIPING PLAN - STA 130+00 TO STA 154+00	
7-8	PERMANENT SIGNING AND STRIPING PLAN - STA 154+00 TO STA 178+00	
7-9	PERMANENT SIGNING AND STRIPING PLAN - STA 178+00 TO STA 202+00	
7-10	PERMANENT SIGNING AND STRIPING PLAN - STA 202+00 TO STA 226+00	
7-11	PERMANENT SIGNING AND STRIPING PLAN - STA 226+00 TO STA 250+00	
7-12	PERMANENT SIGNING AND STRIPING PLAN - STA 250+00 TO STA 274+00	
7-13	PERMANENT SIGNING AND STRIPING PLAN - STA 274+00 TO STA 298+00	
7-14	PERMANENT SIGNING AND STRIPING PLAN - STA 298+00 TO STA 322+00	
7-15	PERMANENT SIGNING AND STRIPING PLAN - STA 322+00 TO STA 346+00	
7-16	PERMANENT SIGNING AND STRIPING PLAN - STA 346+00 TO E.O.P. STA 351+00.71	
	SUBTOTAL:	16

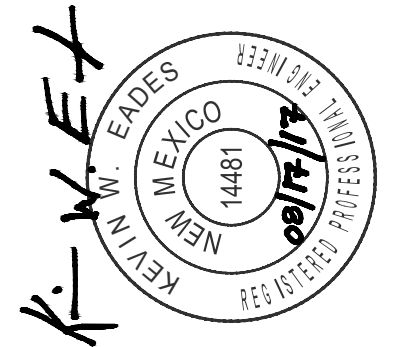
SHEET NO.	DESCRIPTION	SUBTOTAL
8 - SERIES		
	NOT USED - LIGHTING	0
9 - SERIES		
	NOT USED - TRAFFIC SIGNAL	0
10 - SERIES		
	NOT USED - STRUCTURE PLACEMENT	0
11 - SERIES		
	NOT USED - UTILITIES	0
12 - SERIES		
	NOT USED - STANDARD DETAILS	0
13 - SERIES		
	NOT USED - ROADWAY CROSS SECTIONS	0
14 - SERIES		
	NOT USED - LANDSCAPING	0
15 - SERIES		
	NOT USED - ITS	0

MOLZENCORBIN

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REV. NO.	REV. DATE	DESCRIPTION

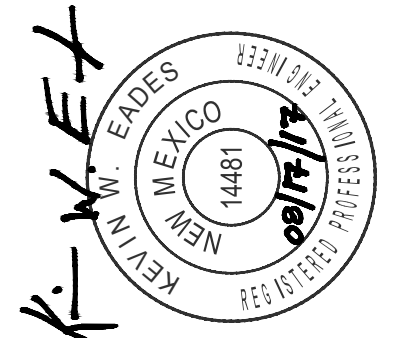
PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JSL
DRAWN BY:	JSL
CHECKED BY:	JA
PROJ. ENG.:	KWE
PROJECT DATE:	AUGUST 2017

INDEX OF SHEETS

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO

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GENERAL NOTES:

1. UTILITY COORDINATION:

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS.

IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY HIS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING IN ADVANCE OF CONSTRUCTION OPERATIONS, IF OVERHEAD UTILITY LINES SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTIONS TO CONSTRUCTION OPERATIONS IS EVIDENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO SEPERATE PAYMENT WILL BE MADE.

CONTRACTOR IS TO SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE, ELECTRIC CABLES, AND CABLE TELEVISION UTILITIES AT NO ADDITIONAL COST TO THE OWNER. CABLE IS TO BE SUPPORTED EVERY 15' (MINIMUM). CONTRACTOR SHALL COORDINATE WITH AND MAKE NECESSARY PAYMENT (IF ANY) TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLES OR SUPPORT OF CABLES BY THE UTILITY OWNER.

2. *THE CONTRACTOR IS HEREBY ADVISED THAT ALL UTILITY RELOCATIONS BY THE UTILITY COMPANIES WILL BE DONE CONCURRENTLY WITH CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE FOR ALL UTILITY WORK IN CONJUNCTION WITH THIS PROJECT'S CONSTRUCTION OPERATIONS AND SHALL COORDINATE THE SCHEDULING OF THIS WORK WITH THE RESPECTIVE UTILITY COMPANIES. THE CONTRACTOR SHALL PROVIDE FOR THESE CONTINGENCIES WHEN BIDDING THIS PROJECT AND NO CLAIM FOR DELAYS DUE TO UTILITY WORK WILL BE ALLOWED.*
3. *THE CONTRACTOR SHALL ADHERE TO THE NMDOT DROPOFF POLICY AND PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.*
4. *THESE DRAWINGS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.*
5. *THE CONTRACTOR SHALL COORDINATE ANY WATER SHUT-OFF OPERATION WITH THE VALENCIA COUNTY PUBLIC WORKS DIRECTOR (LINA BENAVIDEZ) NOT LESS THAN THREE(3) WORKING DAYS PRIOR TO INITIATING ANY WORK AFFECTING EXISTING WATER UTILITIES. WATER SERVICE SHUT-OFF SHALL BE LIMITED TO FOUR (4) HOURS.*
6. *REMOVAL AND RESETTING OF MAILBOXES AND TRAFFIC SIGNS THAT WILL CONFLICT WITH WORKSPACE IS INCIDENTAL TO LINE ITEM 208000 LINEAR GRADING.*

7. *THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF "RECORD DRAWINGS" FOR THIS PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO (2) WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE ENGINEER THROUGHOUT THIS PROJECT AND WILL BE REVIEWED BY THE ENGINEER FOR ACCURACY AND COMPLETENESS AT A MINIMUM OF ONCE EVERY THIRTY (30) DAYS. THE FINAL "RECORD DRAWINGS" SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FINAL PAYMENT.*

8. *THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL ASPHALT PAVEMENT REMOVED ON THIS PROJECT AND NOT OTHERWISE USED IN RESURFACING, AS DIRECTED BY THE OWNER, BY EITHER:*

- HAULING TO AN APPROVED LANDFILL IN ACCORDANCE WITH THE REGULATIONS OF THE NEW MEXICO SOLID WASTE ACT;

OR

- MILLING THE ASPHALT SURFACING TO A TWO (2) INCH MAXIMUM SIZE AND HAUL MATERIAL TO A LOCATION DESIGNATED BY THE OWNER AND STOCKPILE;

THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NO SEPERATE PAYMENT WILL BE MADE.

9. *THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEANUP OF SPILLS WHICH ARE ASSOCIATED WITH THIS PROJECT'S CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, AND ANY OTHER MATERIALS WHICH MAY BE CONSIDERED A THREAT TO THE PUBLIC HEALTH OR THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPORTING OF ANY PAST SPILLS WHICH WERE ENCOUNTERED DURING THIS PROJECT'S CONSTRUCTION AND OF ANY CURRENT SPILLS NOT ASSOCIATED WITH THIS PROJECT'S CONSTRUCTION. THESE REPORTS SHALL BE MADE IMMEDIATELY TO THE NEW MEXICO ENVIRONMENTAL DEPARTMENT'S EMERGENCY RESPONSE TEAM AT EITHER 827-4308 OR 470-3657 AND TO THE ENGINEER.*

10. *LINEAR GRADING SHALL INCLUDE ALL GRADING ADJACENT TO THE ROADWAY AND AS REQUIRED TO TRANSITION AND TIE-IN EXISTING DRIVEWAYS, DRIVEPADS OR TURNOUTS WITH PRE-CONSTRUCTION LIKE MATERIALS UNLESS OTHERWISE SHOWN IN PLANS. THESE MATERIALS SHALL BE INCIDENTAL TO LINE ITEM 416000 AND NO ADDITIONAL PAYMENT WILL BE MADE.*

11. *CONTRACTOR SHALL BE RESPONSIBLE FOR BALANCING EARTHWORK DURING CONSTRUCTION BY HAULING AND DISPOSING OF EXCESS AND/OR UNSUITABLE MATERIAL AND IMPORTING CLEAN FILL AS NEEDED.*

12. *THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO PETER KUBIAK (NMDOT) AT 505-798-6608 peter.kubiak@state.nm.us & LINA BENAVIDEZ (PUBLIC WORKS) AT LEAST 3 WEEKS PRIOR TO COMMENCEMENT OF WORK. TRAFFIC CONTROL PLANS SHALL BE PREPARED IN ACCORDANCE WITH THE MANUAL UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, 2014 EDITION.*

13. *ALL WORK WITHIN D.O.T. RIGHT-OF-WAY SHALL FOLLOW NEW MEXICO ADMINISTRATIVE CODE (NMAC) TITLE 18, CHAPTER 31, PART 6.*

14. *SAWCUTTING ASPHALT SHALL BE INCIDENTAL TO LINE ITEM 416000 AND NO SEPERATE PAYMENT WILL BE MADE.*

15. *CONTRACTOR TO ENSURE THE WARPING OF SLOPES IS TO STAY WITHIN EXISTING R.O.W.*

16. *INCIDENTAL ITEMS. THE CONTRACTOR SHALL REFER TO ALL SECTIONS AND NOTES OF THE PLANS FOR ITEMS INCIDENTAL TO THE COMPLETION OF THE PROJECT.*

17. *S.W.P.P.P. IS REQUIRED FOR THIS PROJECT. THIS WORK INCLUDES DEVELOPMENT OF A PLAN, IMPLEMENTATION, MAINTENANCE, AND MOB / DEMOB.*

UTILITY OWNER CONTACTS

Utility Company	Name	Position	Address	Office Phone	Cell Phone	Email
PNM	Arthur Chavez	Senior Engineer	19377 North Highway 314 Belen, NM 87002	505-241-3398	505-401-7891	achavez1@pnm.com
NM Gas Co.	Robert Smith	Project Manager	4625 Edith Blvd. Albuquerque, NM 87101	505-697-3169	-	robert.smith@nmgco.com
Century Link	Rosa Kniffin	Engineer II	4301 Bogan Ave., Albuquerque, NM 87109	505-767-7450	505-417-7629	rosarito.kniffin@centurylink.com
Comcast	Mike Mortus	Project Engineer	4611 Montbel Pl. Albuquerque, NM 87107	505-761-6252	505-269-4006	mike_mortus@cable.comcast.com
Water/Sewer	Lina Benavidez	Public Works Director	1209 Highway 314 Los Lunas, NM 87031	505-866-2475	505-620-8662	Lina.Benavidez@co.valencia.nm.us

GENERAL NOTES,
UTILITY OWNER CONTACTS
AND LEGEND

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO

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Summary Of Quantities			Roadway		Construction Engineering		Permanent Signing & Striping		Project Total	
Item No.	Item	Unit	Estimate	Final	Estimate	Final	Estimate	Final	Estimate	Final
208000	Linear grading	MILE	6.4						6.4	
207000	Subgrade preparation	S.Y.	2243						2243	
302000	Processing, placing, and compacting existing pavement	S.Y.	93281						93281	
303000	Base course	TON	1598						1598	
407000	Asphalt material for tack coat	TON	1						1	
408100	Prime coat material	TON	175						175	
423250	HMA SPIII complete	SY	93577						93577	
603281	SWPPP plan preparation and maintenance	L.S.			1				1	
618000	Traffic control management	L.S.			1				1	
621000	Mobilization	L.S.	1						1	
701000	Panel signs	S.F.					150		150	
701100	Steel post and base post for aluminum panel sign	L.F.					240		240	
702810	Traffic control devices for construction	L.S.			1				1	
704000	Retroreflectorized painted markings 4"	L.F.					137550		137550	
704320	Retroreflectorized plastic right turn arrow	EA					2		2	
704340	Retroreflectorized plastic thru/left turn arrow	EA					1		1	
704340	Retroreflectorized plastic thru arrow	EA					1		1	
704400	Retroreflectorized plastic word (only)	EA					1		1	
704764	Retroreflectorized painted pavement stripe 24"	L.F.					174		174	
704778	Retroreflectorized painted pavement mark yield line	L.F.					40		40	
704856	Reflective raised pavement marker type H	EA					10		10	
801000	Construction staking by the contractor	L.S.			1				1	

SUMMARY OF QUANTITIES

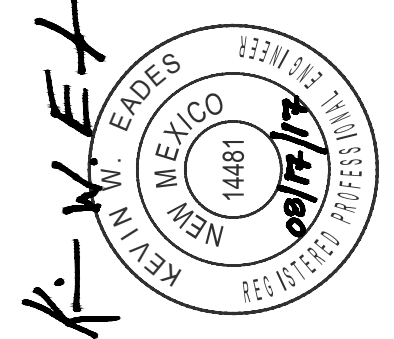
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ENVIRONMENTAL COMMITMENTS
VALENCIA COUNTY CN: A301390 MANZANO EXPRESSWAY PHASE II

18. ENVIRONMENTAL COMMITMENTS

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

1. If construction commences during the migratory bird nesting season (March 15 - August 30), Valencia County shall ensure that a survey for active bird nests is conducted up to two weeks prior to commencement of construction. Any active nests found shall be avoided until the young have fledged.
2. Valencia County shall ensure Best Management Practices are implemented during construction to prevent the proliferation of noxious weeds such as cleaning construction equipment and vehicles prior to arriving on site at commencement of construction, and again prior to leaving the site at completion of construction.
3. If previously undocumented historic properties are discovered during construction, all surface-disturbing activities within 100 feet of the discovery shall immediately cease and measures shall be taken to protect the cultural resources. Valencia County and/or its Contractor shall immediately contact the Historic Preservation Division, the Office of the Medical Investigator, and the local law enforcement agency, and ensure that all construction in the area has ceased.

R. Shah Roshan 8-17-17
ENVIRONMENTAL SECTION MANAGER DATE

ENVIRONMENTAL COMMITMENTS

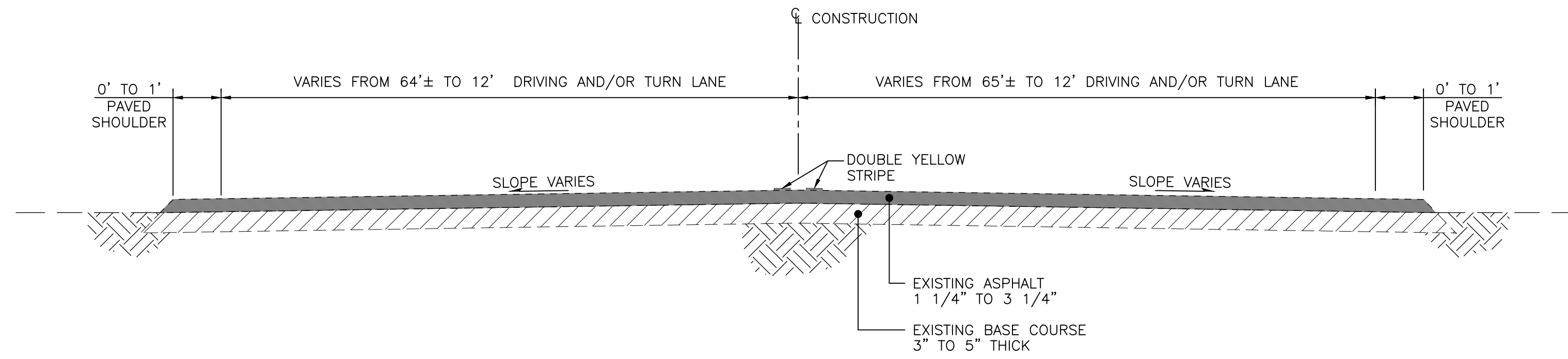
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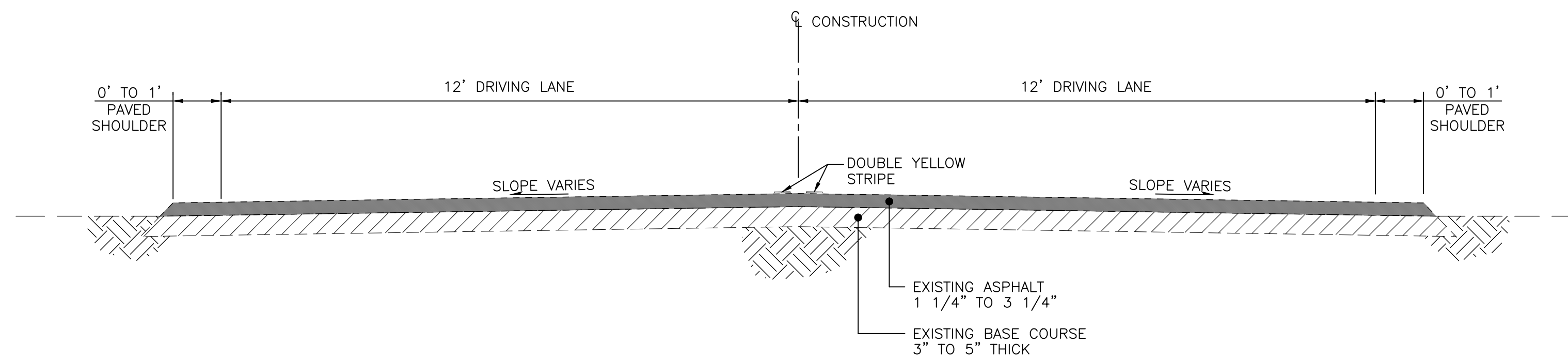
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Traffic Volume Estimates		
	STA.11+07 TO STA.110+00	STA.110+00 TO STA.351+00
ADT	4400	2600
DESIGN SPEED	40 MPH	45 MPH
POSTED SPEED	35MPH	40 MPH



**MANZANO EXPRESSWAY
 EXISTING TYPICAL SECTION**
 FROM: B.O.P. STA.11+07.25 TO STA.22+07.67



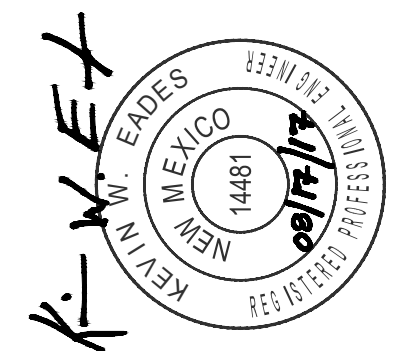
**MANZANO EXPRESSWAY
 EXISTING TYPICAL SECTION**
 FROM: STA.22+07.67 TO E.O.P. STA.351+00.71

EXISTING TYPICAL SECTIONS

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 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

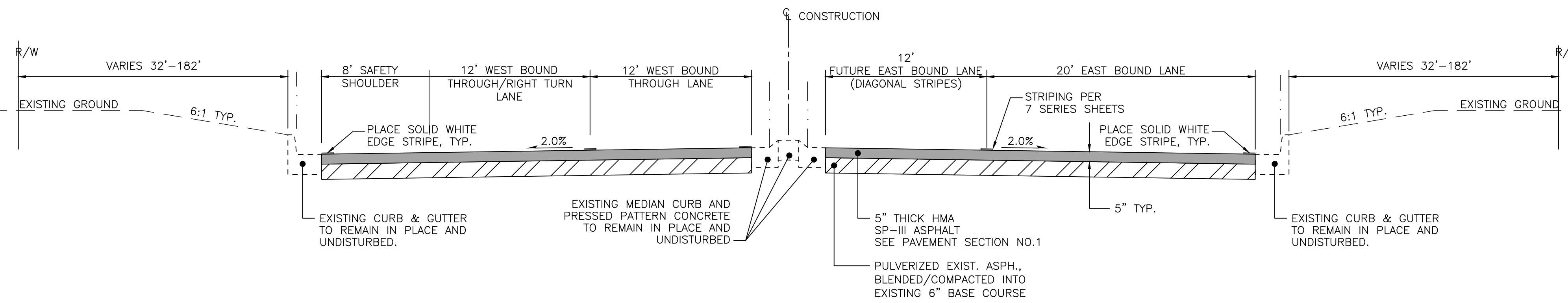
NOTICE OF EXTENDED PAYMENT PROVISION:
THIS CONTRACT ALLOWS THE OWNER TO MAKE
PAYMENT WITHIN 45 DAYS AFTER SUBMISSION
OF AN UNDISPUTED REQUEST FOR PAYMENT

NUMERIC SCALE CONFIRMATION
DRAWINGS ARE DEPICTED AT INTENDED
NUMERIC SCALES
IF THIS BAR EQUALS ONE INCH

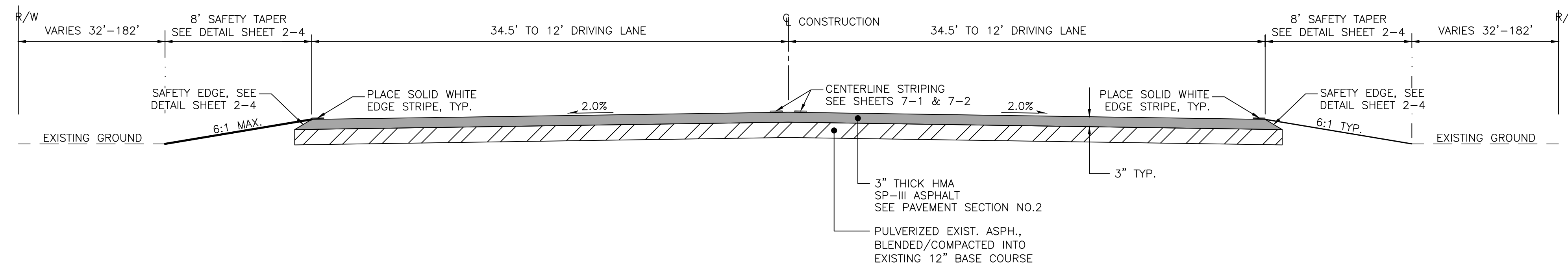


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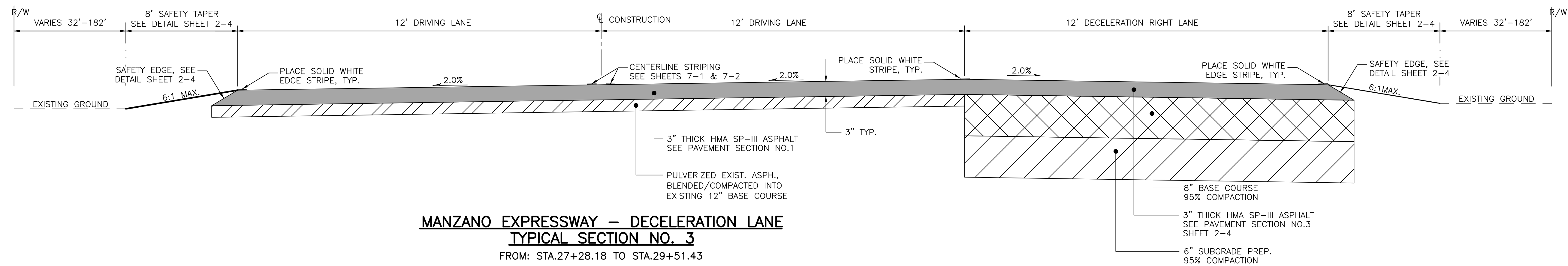
1. PG 70-22 BINDER SHALL BE USED IN HMA SP-III ASPHALT.
2. THE CONTRACTOR HAS THE OPTION OF PROPOSING AN ALTERNATIVE ASPHALT RECYCLING METHOD AS A SUBSTITUTE FOR PULVERIZING AND BLENDING INTO EXISTING BASE COURSE. THE CONTRACTOR SHALL PROVIDE SPECIFICATIONS THAT DESCRIBE THE PROPOSED MATERIALS, CONSTRUCTION REQUIREMENTS, AND TESTING REQUIREMENTS TO THE COUNTY PROJECT MANAGER FOR REVIEW AT LEAST TWO WEEK PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AN ENGINEERING CERTIFICATION THAT THE RECYCLED MATERIAL WILL PRODUCE A STRUCTURAL COEFFICIENT OF 0.3 OR GREATER. THE COST OF THE ALTERNATIVE METHOD, COMPLETE IN PLACE, SHALL BE CONSIDERED INCIDENTAL TO LINE ITEM 302000, AND NO ADDITIONAL MEASUREMENT OR PAYMENT SHALL BE MADE.
3. THE CONTRACTOR SHALL BLEND BASE COURSE (12" DEPTH TYPICAL) FROM LINE ITEM 303000 INTO AREAS OF EXISTING SUB GRADE FAILURE, AT LOCATIONS COORDINATED WITH THE PROJECT MANAGER DURING CONSTRUCTION.
4. CONTRACTOR SHALL STAY WITHIN RIGHT-OF-WAY FOR ALL ROADSIDE GRADING.
5. CONTRACTOR SHALL TACK COLD JOINTS THROUGHOUT CONSTRUCTION.



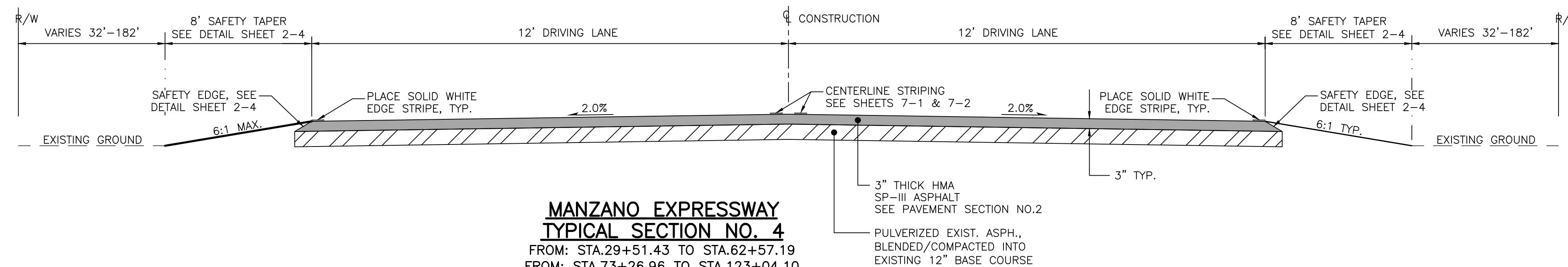
**MANZANO EXPRESSWAY
TYPICAL SECTION NO. 1**
AT: STA.13+31±



**MANZANO EXPRESSWAY
TYPICAL SECTION NO. 2**
FROM: STA.13+31± TO STA.27+28.18



**MANZANO EXPRESSWAY - DECELERATION LANE
TYPICAL SECTION NO. 3**
FROM: STA.27+28.18 TO STA.29+51.43



**MANZANO EXPRESSWAY
TYPICAL SECTION NO. 4**
FROM: STA.29+51.43 TO STA.62+57.19
FROM: STA.73+26.96 TO STA.123+04.10
FROM: STA.147+12.70 TO STA.171+43.78
FROM: STA.183+78.91 TO STA.351+00.71

PROPOSED TYPICAL SECTIONS

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO

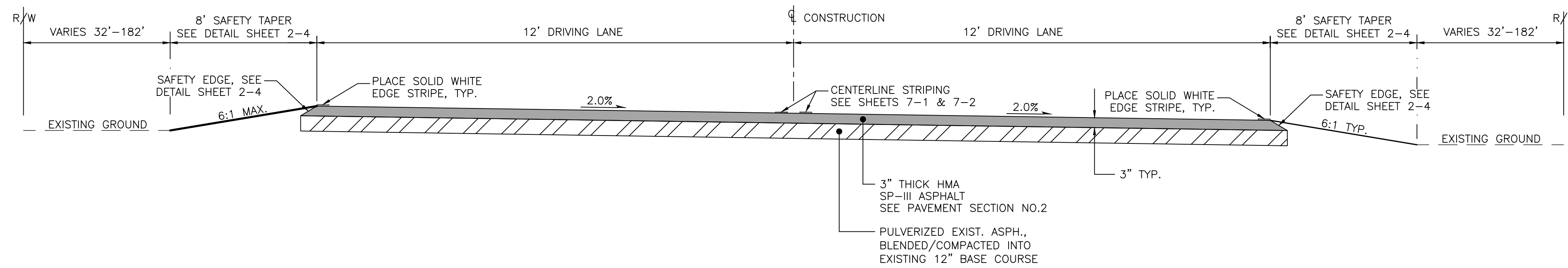
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 OF AN UNDISPUTED REQUEST FOR PAYMENT

NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH

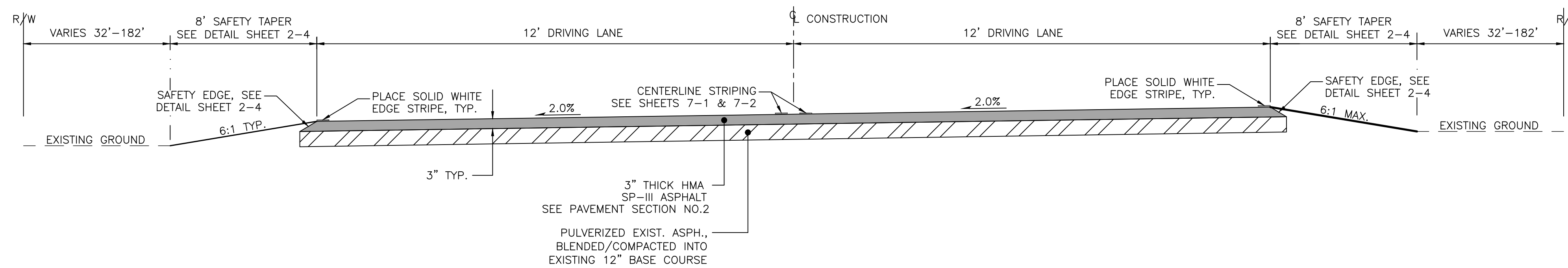


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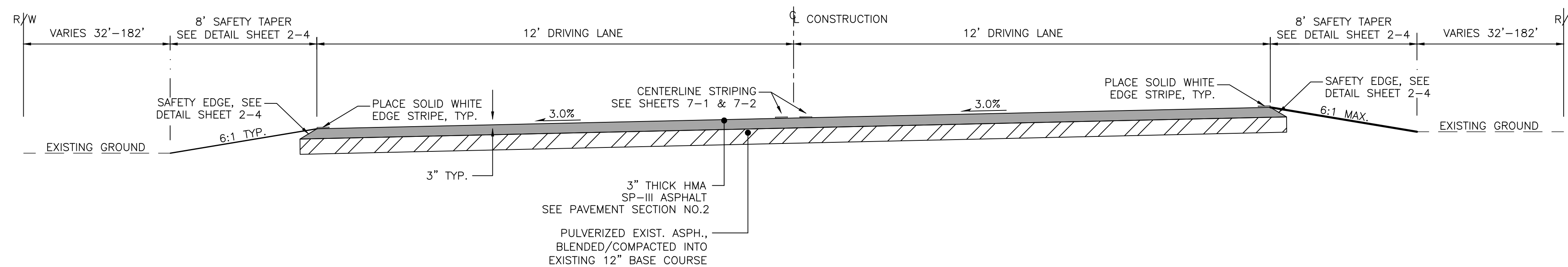
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4. CONTRACTOR SHALL STAY WITHIN RIGHT-OF-WAY FOR ALL ROADSIDE GRADING.
5. CONTRACTOR SHALL TACK COLD JOINTS THROUGHOUT CONSTRUCTION.



**MANZANO EXPRESSWAY
 TYPICAL SECTION NO. 5**
 FROM: STA.63+45.19 TO STA.72+38.96



**MANZANO EXPRESSWAY
 TYPICAL SECTION NO. 6**
 FROM: STA.123+92.10 TO STA.146+24.70



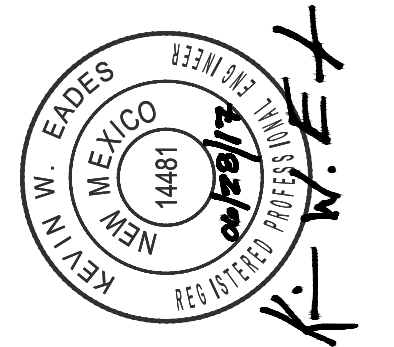
**MANZANO EXPRESSWAY
 TYPICAL SECTION NO. 7**
 FROM: STA.172+54.78 TO STA.182+67.91

PROPOSED TYPICAL SECTIONS

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

*NOTICE OF EXTENDED PAYMENT PROVISION:
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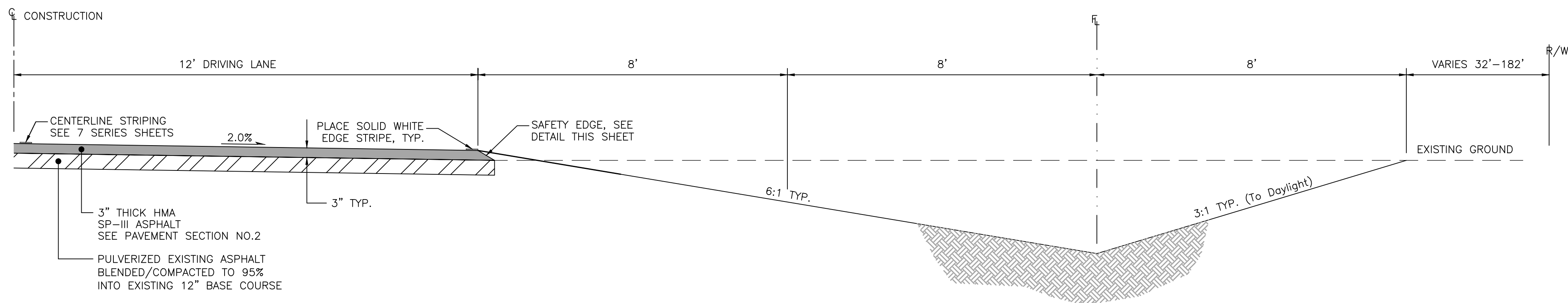
NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
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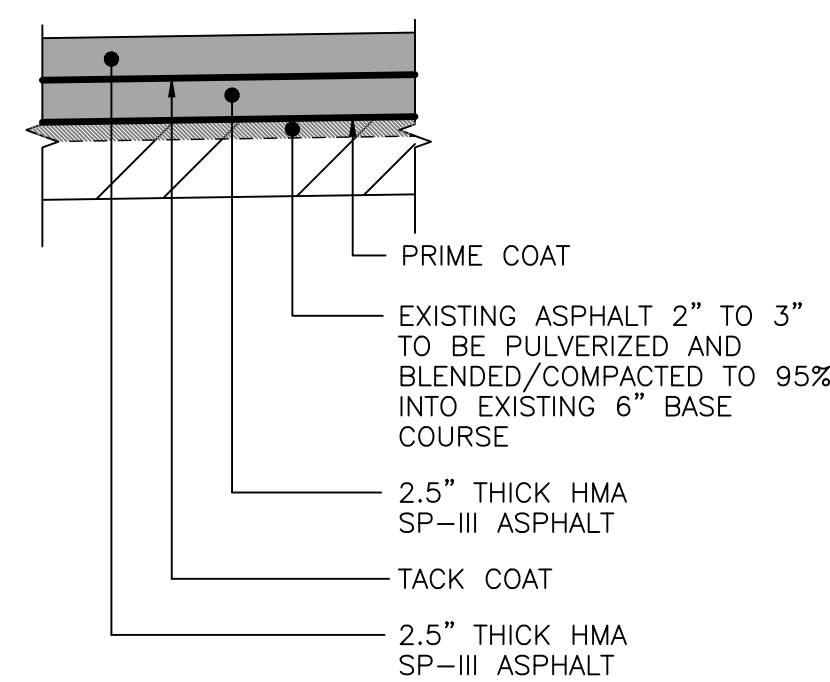
NOTES:

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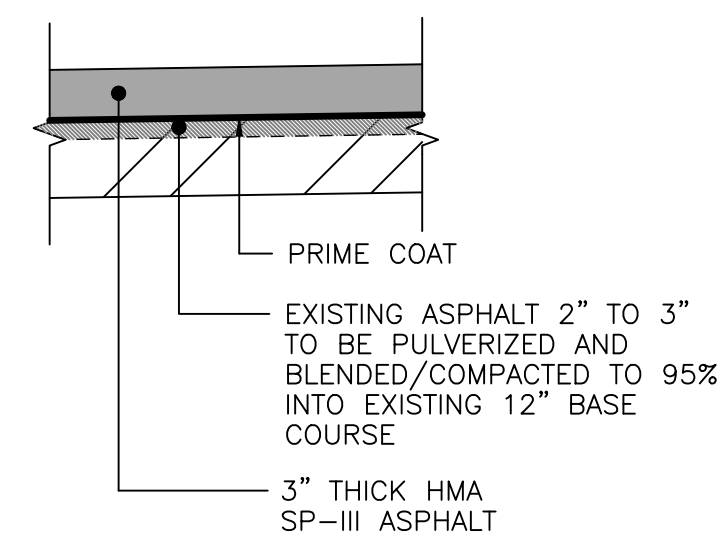
REV. NO.	REV. DATE	DESCRIPTION
		PROJECT NUMBER: VAL151-12
		DESIGNED BY: JSL
		DRAWN BY: JSL
		CHECKED BY: KWE
		PROJ. ENG: JJA
		PROJECT DATE: JUNE 2017



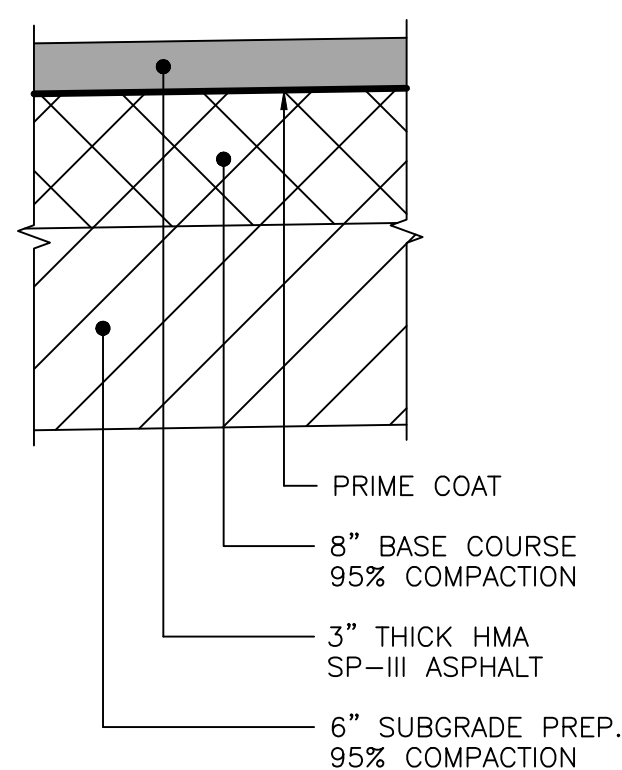
**MANZANO EXPRESSWAY
 TYPICAL TAPER SECTION**
 (OPPOSITE HAND FOR LEFT SIDE OF ROADWAY)
 STA.26+50 TO STA.34+00



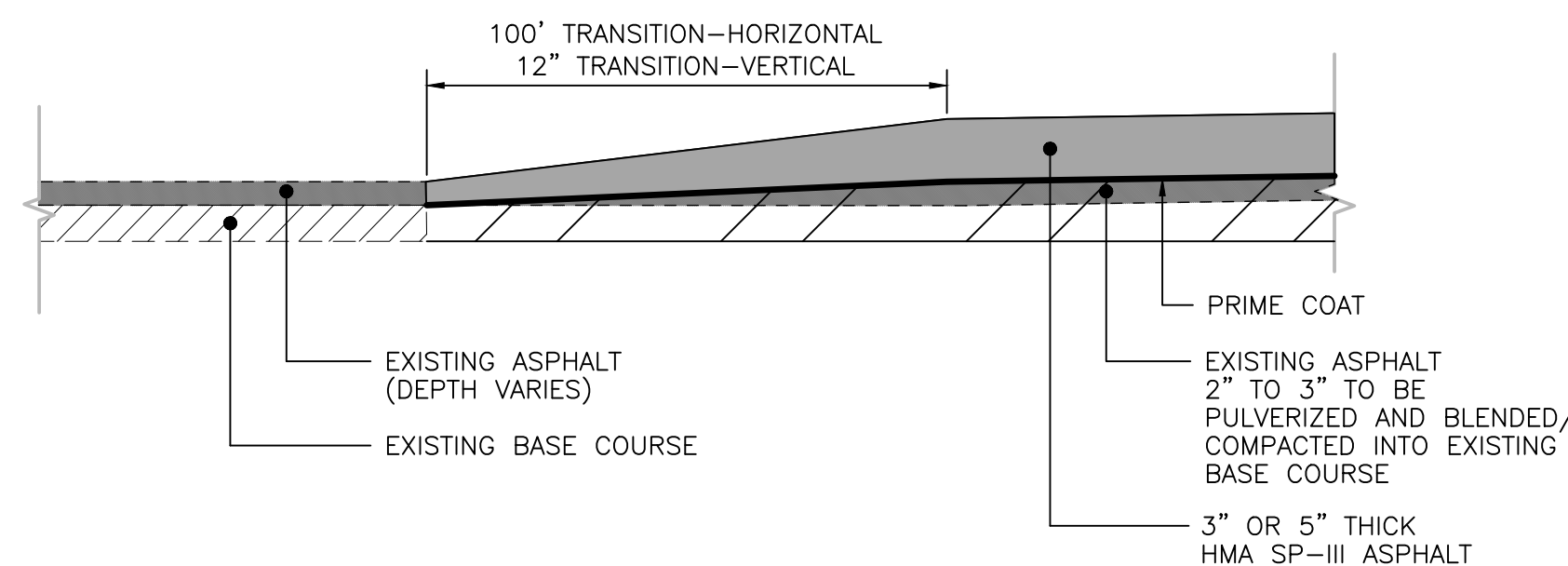
SP-III PAVEMENT SECTION NO.1



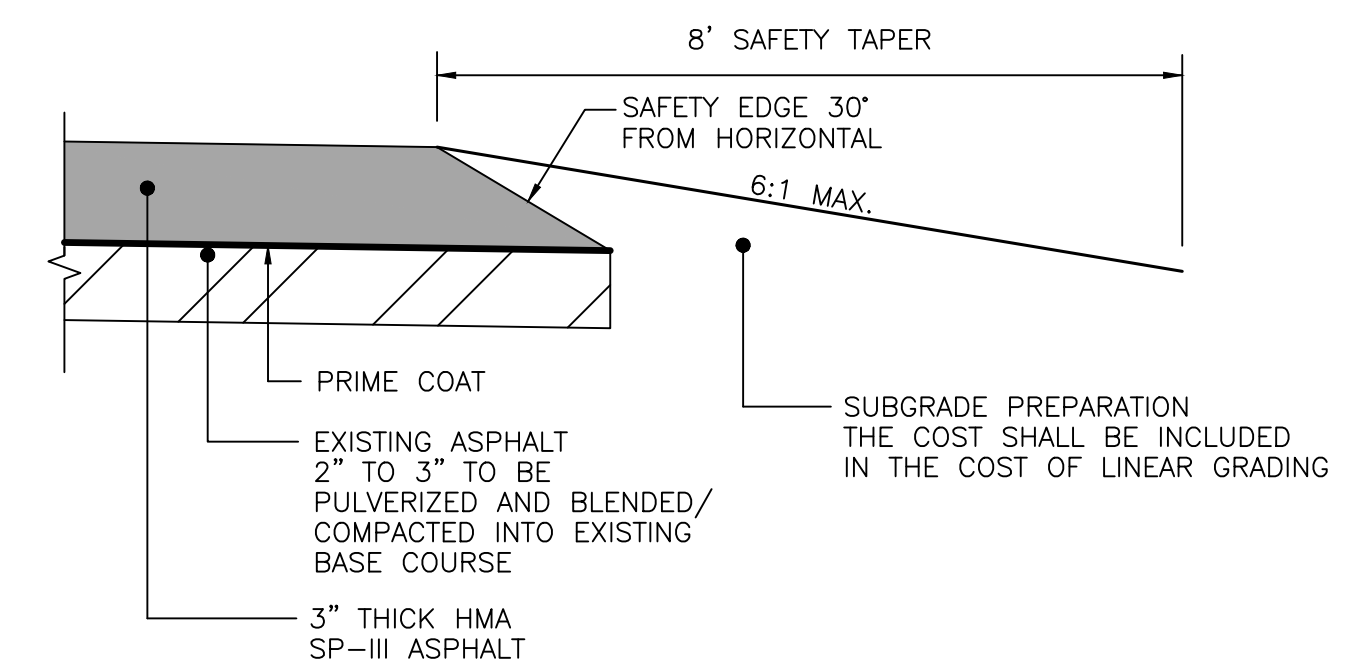
SP-III PAVEMENT SECTION NO.2



**FULL DEPTH
 SP-III PAVEMENT SECTION NO.3**



SURFACING TRANSITION DETAIL
 TRANSITIONS AT STATION LISTED BELOW
 STA.13+34.14
 STA.351+00.71



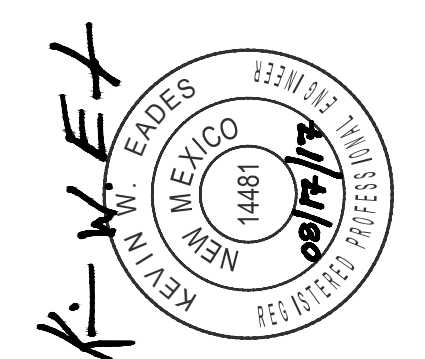
SAFETY EDGE DETAIL

PROPOSED TYPICAL SECTIONS

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

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NUMERIC SCALE CONFIRMATION
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REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JSL
DRAWN BY:	JSL
CHECKED BY:	JA
PROJ. ENG:	KWE
PROJECT DATE:	AUGUST 2017

SURFACING SCHEDULE

STATION TO STATION	DESCRIPTION	LENGTH (ft.)	207000			302000			303000				407000		408100		423250			
			AVG. WIDTH (ft.)	DEPTH (in.)	(sq. yd.)	AVG. WIDTH (ft.)	DEPTH (in.)	(sq. yd.)	AVG. WIDTH (ft.)	DEPTH (in.)	(sq. yd.)	(ton)	(sq. yd.)	(ton)	(sq. yd.)	(ton)	AVG. WIDTH (ft.)	AVG. DEPTH (in.)	(sq. yd.)	
11+07.25 - 13+34.14	Proposed new pavement BOP to NMDOT limits: multiple lanes, transitions and free RT's	226.89				68.00	6.00	2281						2281	1	2281	4	68.00	5.0	2281
13+34.14 - 27+28.18	Proposed new pavement NMDOT limits to decel. lane typical: multiple lanes and transitions	873.53				varies	12.00	4513								4513	8	varies	3.0	4513
27+28.18 - 29+51.43	Proposed new pavement decel. lane to two lane typ: three lanes and transitions	223.25	12.00	12.00	297	24.00	12.00	595	12.00	varies	300.00	178.00			892	2	36.00	3.0	892	
29+51.43 - 62+57.19	Proposed new pavement two lane typ. to super elevation curve: two lanes and transitions	3305.76				24.00	12.00	8815							8815	17	24.00	3.0	8815	
62+57.19 - 73+26.96	Proposed new pavement super elevation curve to two lane typ: two lanes and transitions	1069.77				24.00	12.00	2853	12.00	varies	1425.00	225.00			2853	5	24.00	3.0	2853	
73+26.96 - 123+04.10	Proposed new pavement two lane typ to super elevation curve: two lanes and transitions	4977.14				24.00	12.00	13272							13272	25	24.00	3.0	13272	
123+04.10 - 147+12.70	Proposed new pavement super elevation curve to two lane typ: two lanes and transitions	2408.60				24.00	12.00	6423	12.00	varies	3210.00	508.00			6423	12	24.00	3.0	6423	
147+12.70 - 171+43.78	Proposed new pavement two lane typ. to super elevation curve: two lanes and transitions	2431.08				24.00	12.00	6483							6483	12	24.00	3.0	6483	
171+43.78 - 183+78.91	Proposed new pavement super elevation curve to two lane typ: two lanes and transitions	1235.13				24.00	12.00	3294	12.00	varies	1646.00	260.00			3294	6	24.00	3.0	3294	
183+78.91 - 351+00.71	Proposed new pavement two lane typ. to EOP: two lanes and transitions	16721.80				24.00	12.00	44591							44591	84	24.00	3.0	44591	
BOP - EOP	4" Base Course - Driveway Turnouts	N/A	24.00	12.00	1946.00				24.00	4	1946	427								
BOP - EOP	3" HMA SP - III - Driveway Turnouts	N/A				varies	12.00	160							160	0	varies	3.0	160.00	
PROJECT TOTALS -					2243			93281			8527	1598	2281	1	93577	175			93577.00	

ESTIMATED SURFACING FACTORS

ITEM	PG 70-28+	PG 70-22	SEC. 407	SEC. 408	UNIT WEIGHT	HYDRATED LIME	GALLONS PER TON
	% BY WEIGHT OF TOTAL MIX	% BY WEIGHT OF TOTAL MIX	GAL. PER SQ. YD.	GAL. PER SQ. YD.	LBS. PER CU. YD.	% BY WEIGHT OF TOTAL MIX	
UNTREATED BASE COURSE					3950 **		
OPEN GRADED FRICTION COURSE	7.0 *				3650 **	1.0 *	
HMA SP - III		5.8 **			4000 **	1.5 *	
ASPHALT MATERIAL FOR TACK COAT			0.08 ***				240.00 ***
PRIME COAT MATERIAL				0.45 ***			240.00 ***

* FOR ESTIMATING PURPOSES ONLY, ACTUAL PERCENTS OR WEIGHTS WILL BE DETERMINED BY APPROVED MIX DESIGN.
** FOR ESTIMATING PURPOSES ONLY, ACTUAL UNIT WEIGHTS SHALL BE DETERMINED BY APPROVED MIX DESIGN.
*** FOR ESTIMATING PURPOSES ONLY, ACTUAL APPLICATION RATE SHALL BE DETERMINED BY THE PROJECT MANAGER.

SUFACING SCHEDULE

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO



GENERAL NOTES:

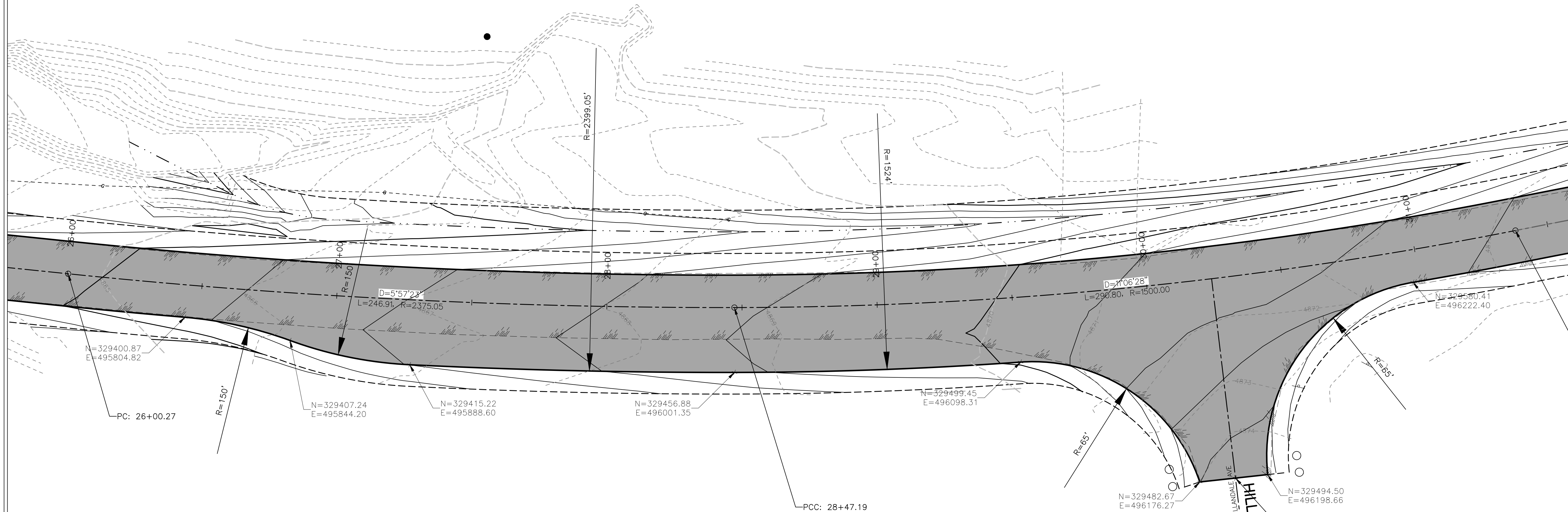
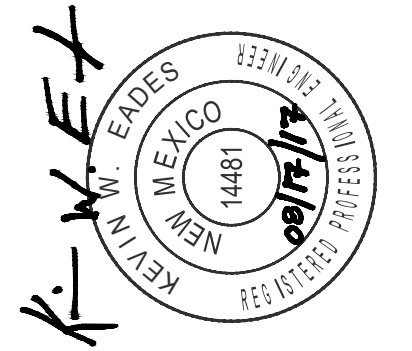
1. CONTRACTOR TO TIE DRIVEWAYS AND ROADWAY RETURNS INTO EXISTING GRADES NOT TO EXCEED 10% RUNNING SLOPE.
2. CONTRACTOR TO EXCAVATE NATIVE SOIL AS NECESSARY TO IMPORT 8" THICK BASE COURSE MATERIAL PRIOR TO PAVING THE DECELERATION LANE AT HILLDALE STREET. SEE TYPICAL SECTION SHEET 2-2.

MOLZENCORBIN

2701 Miles Road SE
 Albuquerque, New Mexico 87106
 505 242 5700 office
 505 242 0673 fax
 MolzenCorbin.com




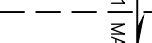


NOTICE OF EXTENDED PAYMENT PROVISION:
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NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED NUMERIC SCALES
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CAUTION:
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LEGEND

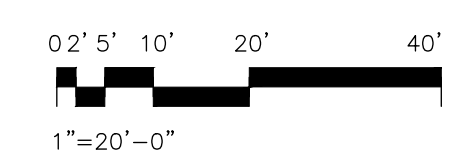
-  NEW 3" THICK HMA SP III ASPHALT PAVEMENT
SEE TYPICAL SECTION SHEET 2-1
-  4" AGGREGATE BASE COURSE DRIVEWAY
-  EDGE OF NEW ASPHALT
-  FLOWLINE
-  LIMITS OF GRADING
-  8' SAFETY TAPER

REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	AUGUST 2017

HILLDALE AVE
 DECELERATION LANE LAYOUT

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

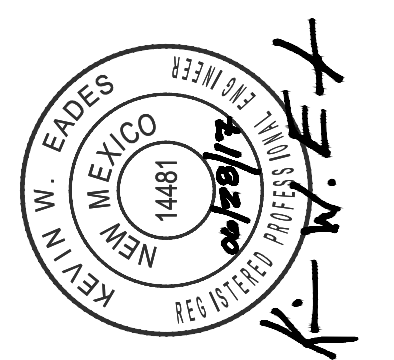


2-6

SHEET

NOTICE OF EXTENDED PAYMENT PROVISION:
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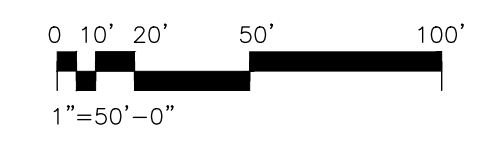
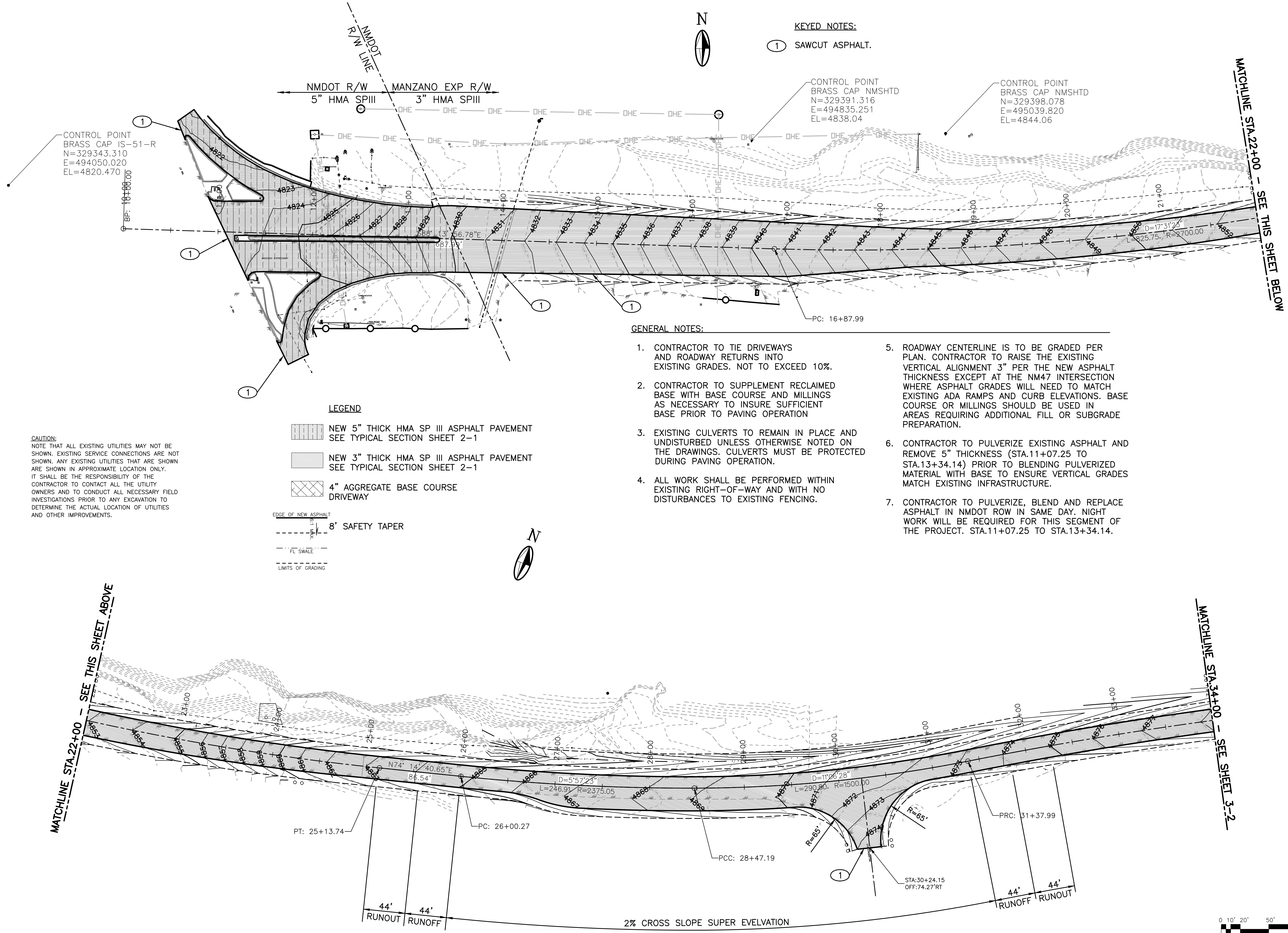
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IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PLAN
B.O.P. STA. 11+07.25 TO STA. 34+00
MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO



PLT DATE: 6/28/2017 12:01 PM
 P: VALENCIA COUNTY VAL151-12 MANZANO EXPRESSWAY PHASE II (DWG) (CVC-301)

NOTICE OF EXTENDED PAYMENT PROVISION:
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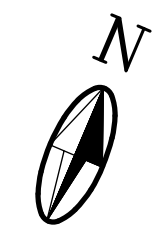


REV. NO.	REV. DATE	DESCRIPTION

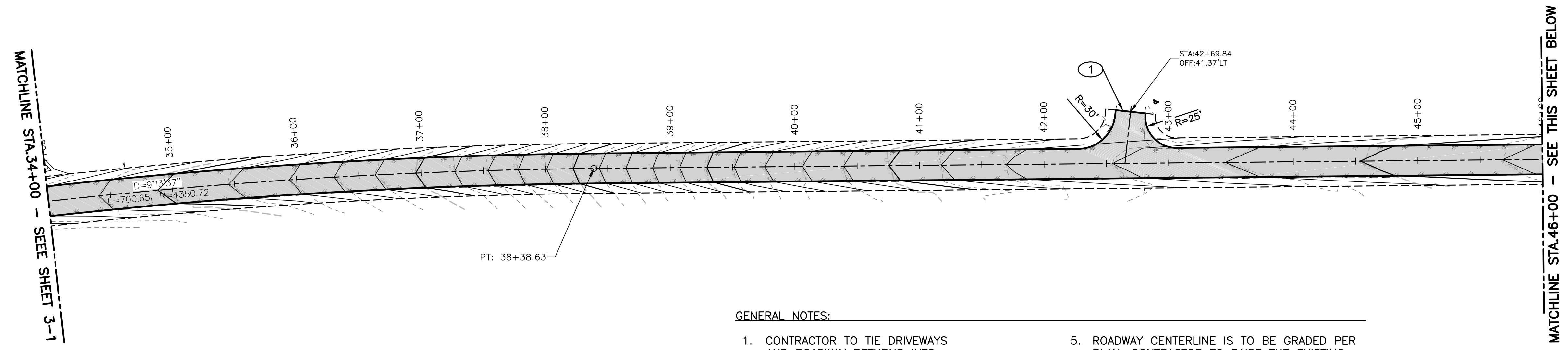
PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PLAN
STA.34+00 TO STA.58+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO



KEYED NOTES:
① SAWCUT ASPHALT.

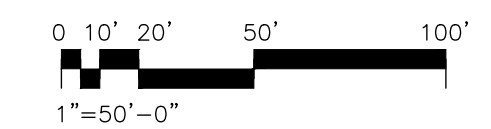
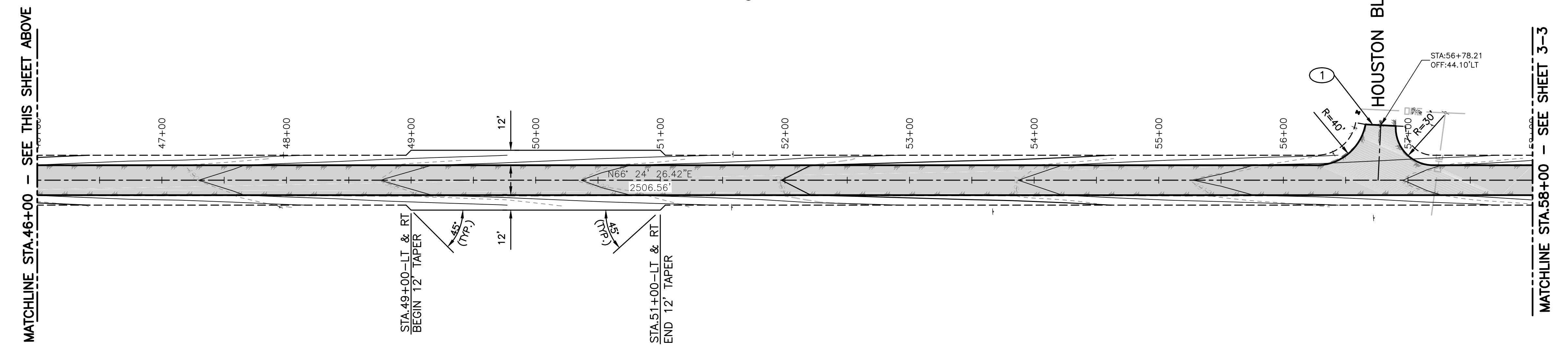
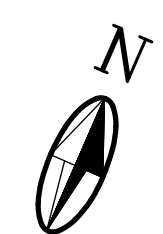
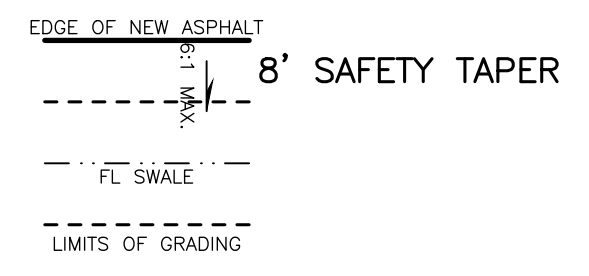


GENERAL NOTES:

- CONTRACTOR TO TIE DRIVEWAYS AND ROADWAY RETURNS INTO EXISTING GRADES. NOT TO EXCEED 10%
- CONTRACTOR TO SUPPLEMENT RECLAIMED BASE WITH BASE COURSE AND MILLINGS AS NECESSARY TO INSURE SUFFICIENT BASE PRIOR TO PAVING OPERATION
- EXISTING CULVERTS TO REMAIN IN PLACE AND UNDISTURBED UNLESS OTHERWISE NOTED ON THE DRAWINGS
- ALL WORK SHALL BE PERFORMED WITHIN EXISTING RIGHT-OF-WAY AND WITH NO DISTURBANCES TO EXISTING FENCING.
- ROADWAY CENTERLINE IS TO BE GRADED PER PLAN. CONTRACTOR TO RAISE THE EXISTING VERTICAL ALIGNMENT 3" PER THE NEW ASPHALT THICKNESS EXCEPT AT THE NM47 INTERSECTION WHERE ASPHALT GRADES WILL NEED TO MATCH EXISTING ADA RAMPS AND CURB ELEVATIONS. BASE COURSE OR MILLINGS SHOULD BE USED IN AREAS REQUIRING ADDITIONAL FILL OR SUBGRADE PREPARATION.

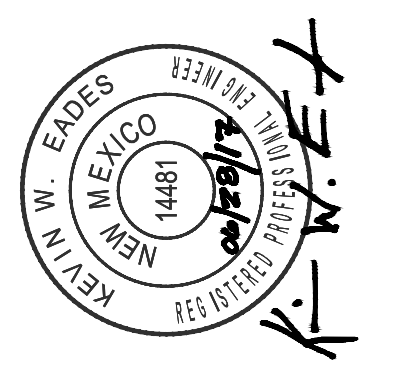
- LEGEND**
- NEW 3" THICK HMA SP III ASPHALT PAVEMENT
SEE TYPICAL SECTION SHEET 2-1
 - 4" AGGREGATE BASE COURSE DRIVEWAY

CAUTION:
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NUMERIC SCALE CONFIRMATION
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 IF THIS BAR EQUALS ONE INCH



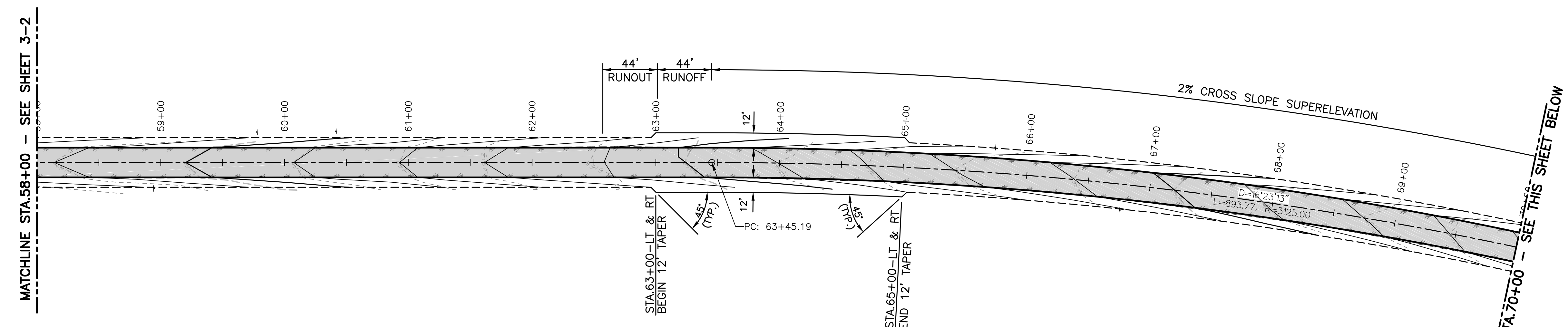
REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PLAN
 STA. 58+00 TO STA. 84+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

KEYED NOTES:
 ① SAWCUT ASPHALT.



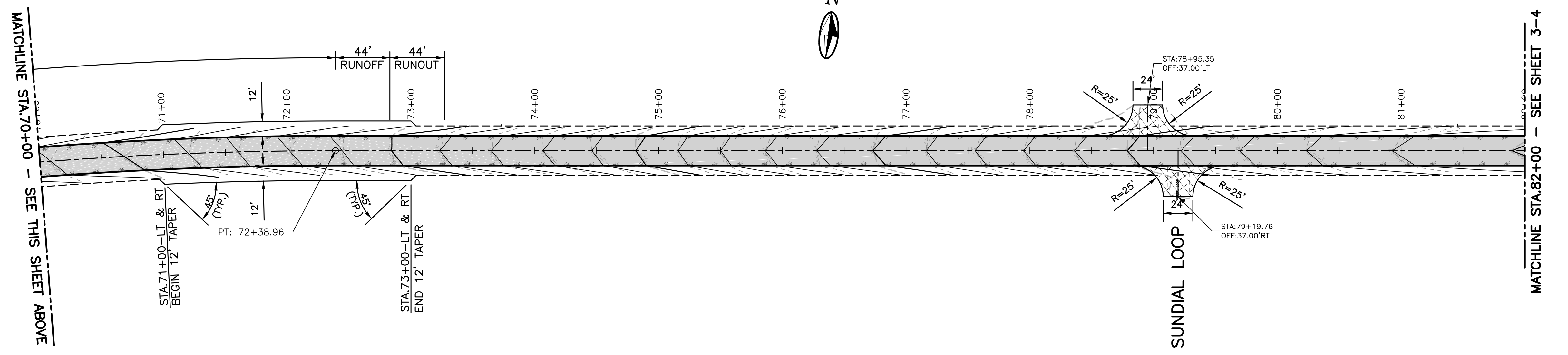
GENERAL NOTES:

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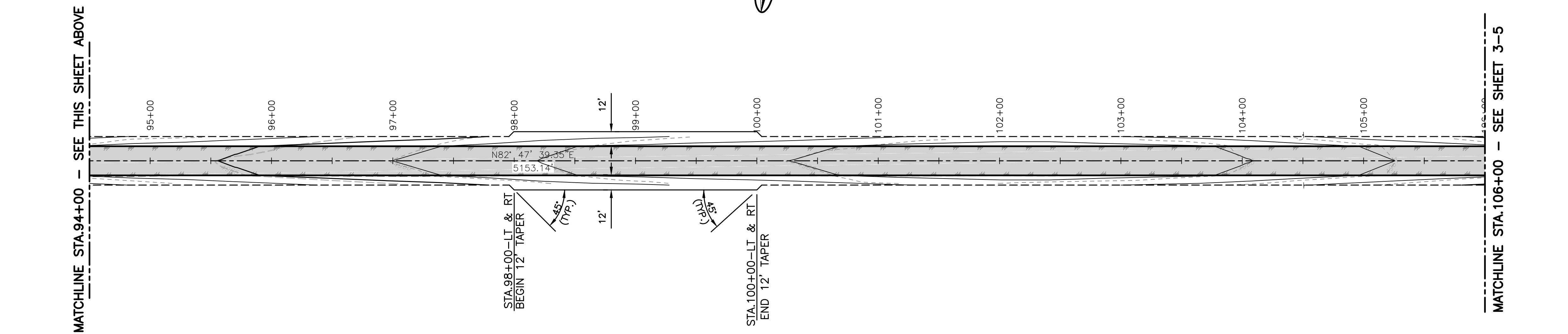
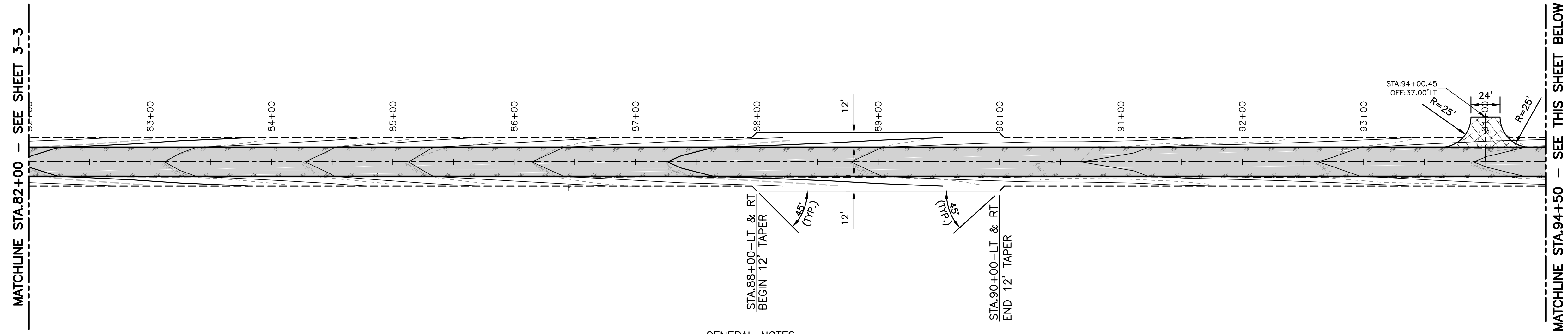
LEGEND

- NEW 3" THICK HMA SP III ASPHALT PAVEMENT SEE TYPICAL SECTION SHEET 2-1
- 4" AGGREGATE BASE COURSE DRIVEWAY
- 8' SAFETY TAPER
- FL SWALE
- LIMITS OF GRADING

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PLT DATE: 6/28/2017 12:00 PM
 I:\VALENCIA_COUNTY\VAL151-12 MANZANO EXPRESSWAY PHASE II\DWG\CVC-304



KEYED NOTES:
 ① SAWCUT ASPHALT.

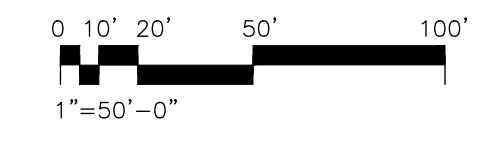
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LEGEND

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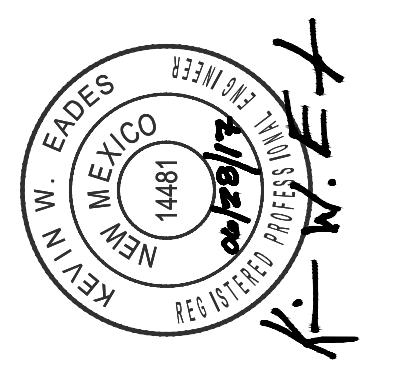
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MOLZENCORBIN
 2701 Miles Road SE
 Albuquerque, New Mexico 87106
 505 242 5700 office
 505 242 0673 fax
 MolzenCorbin.com

NOTICE OF EXTENDED PAYMENT PROVISION:
 THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT

NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

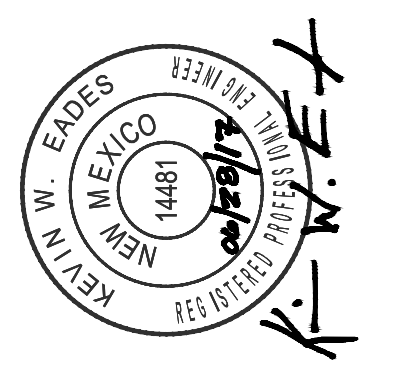
PLAN
 STA. 84+00 TO STA. 106+00
 MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

3-4

SHEET

*NOTICE OF EXTENDED PAYMENT PROVISION:
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DRAWINGS ARE DEPICTED AT INTENDED
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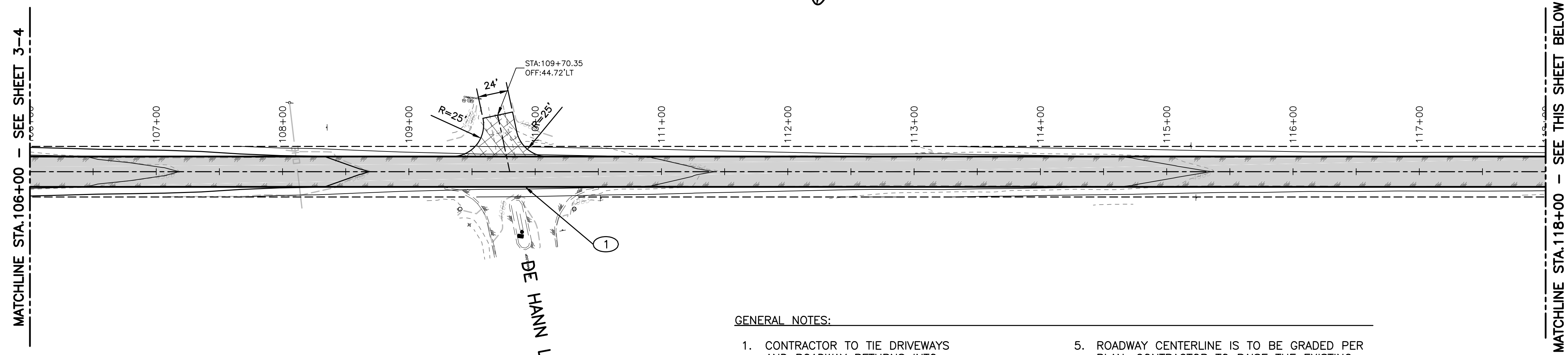
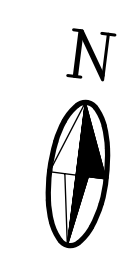
REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PLAN
STA. 106+00 TO STA. 130+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO

KEYED NOTES:
① SAWCUT ASPHALT.



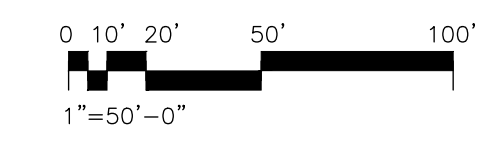
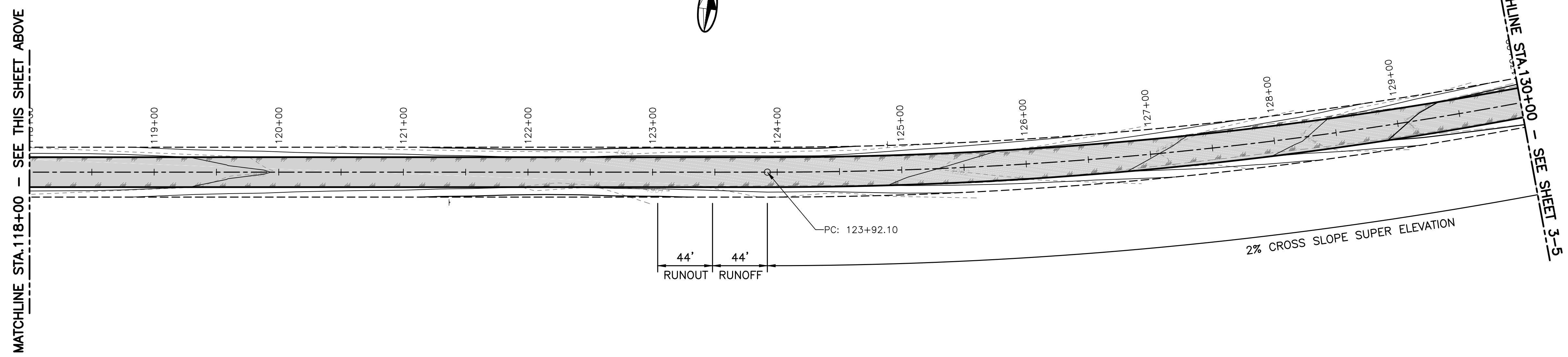
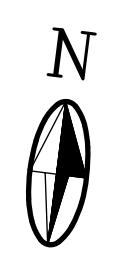
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LEGEND

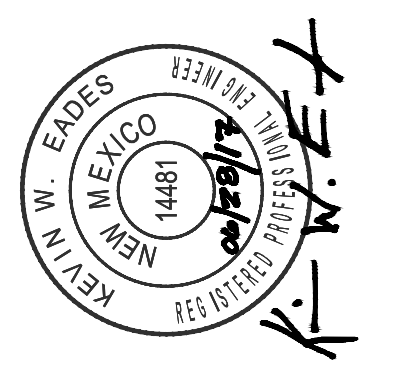
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NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



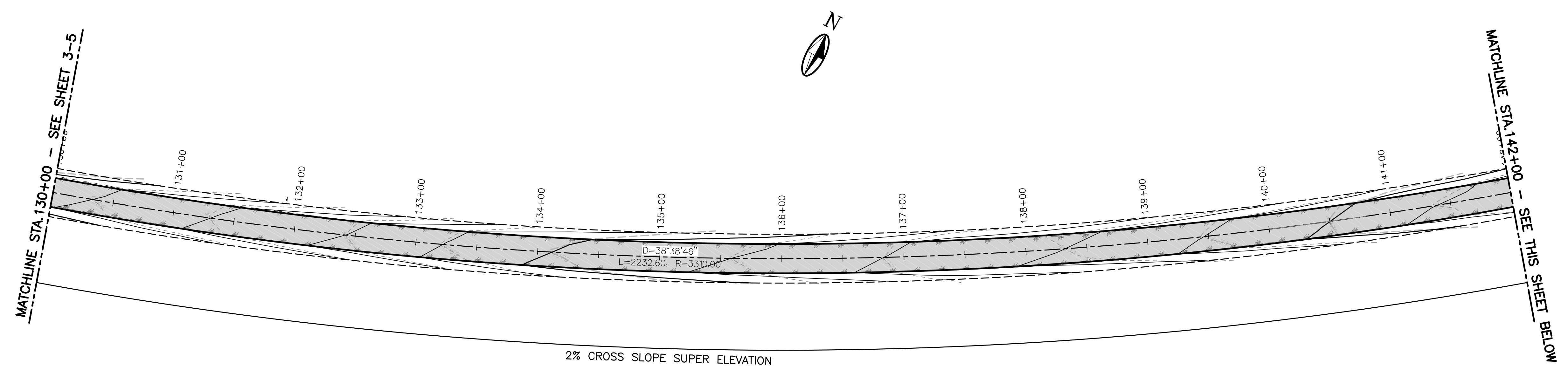
REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PLAN
 STA.130+00 TO STA.154+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

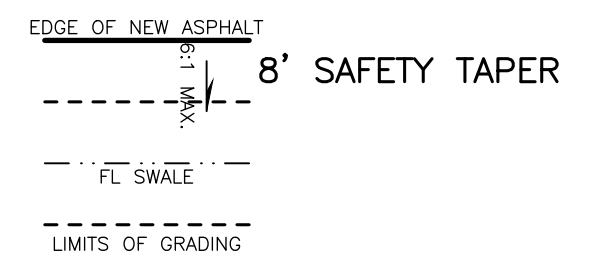
KEYED NOTES:
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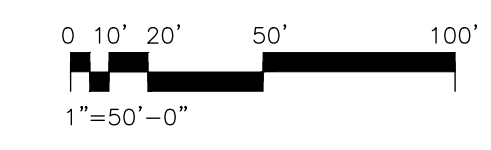
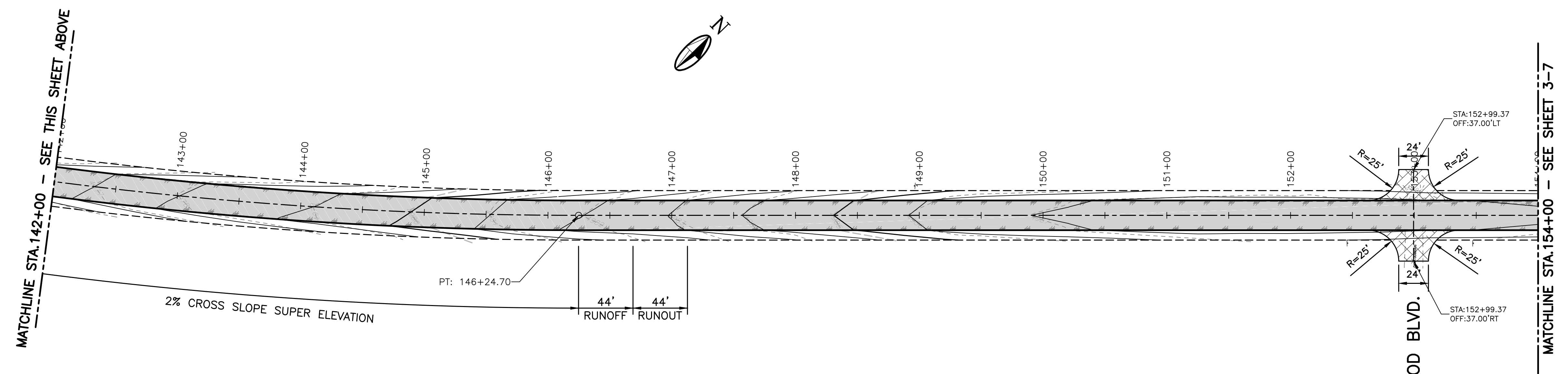
LEGEND

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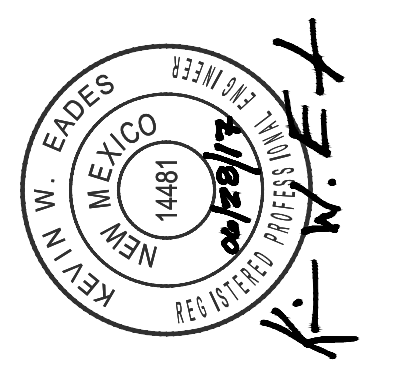


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NUMERIC SCALE CONFIRMATION
DRAWINGS ARE DEPICTED AT INTENDED
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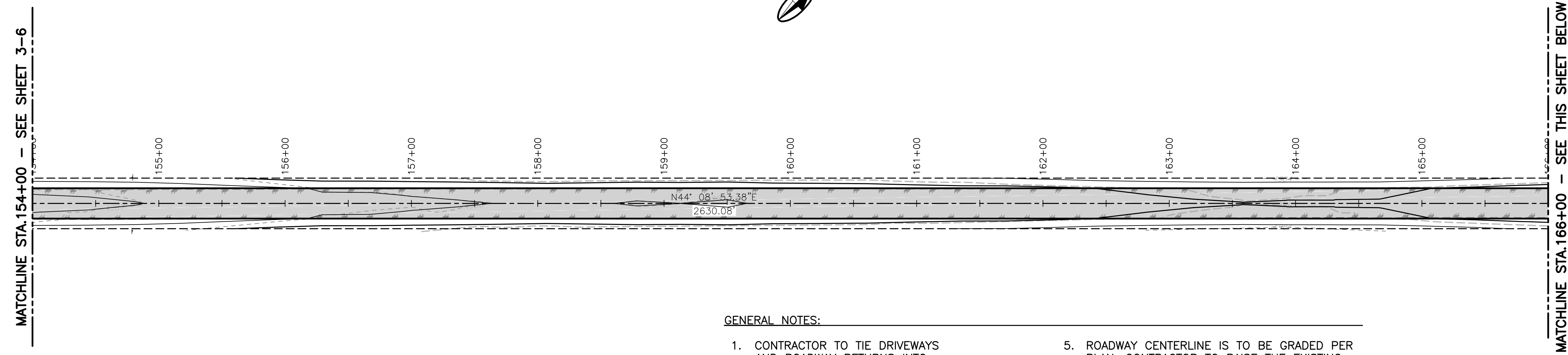
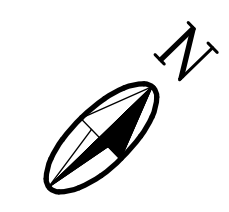
REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PLAN
STA. 154+00 TO STA. 180+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO

KEYED NOTES:
① SAWCUT ASPHALT.



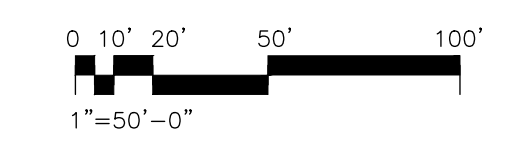
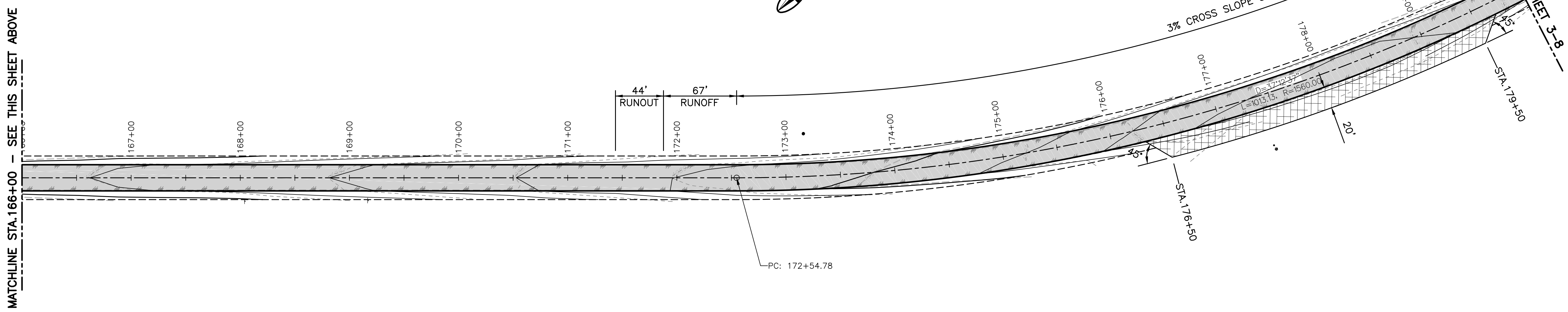
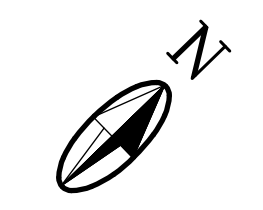
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LEGEND

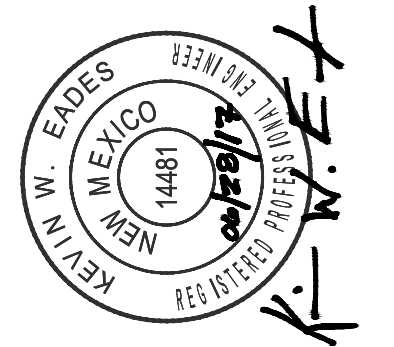
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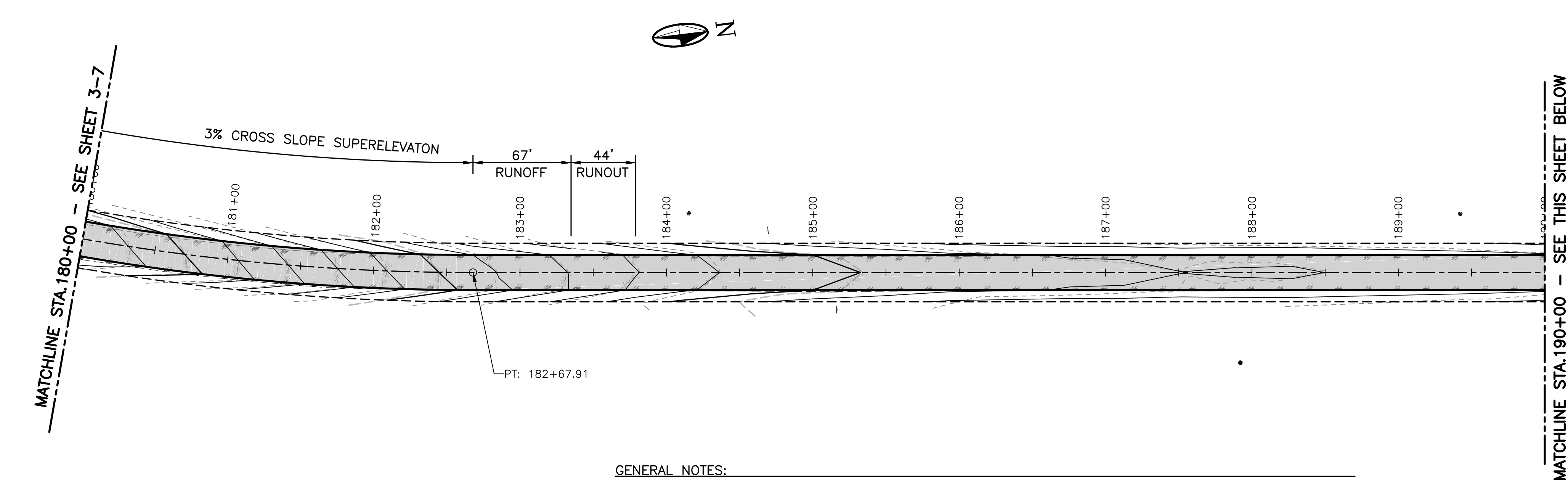
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CHECKED BY:	KWE
PROJ. ENG.:	JA
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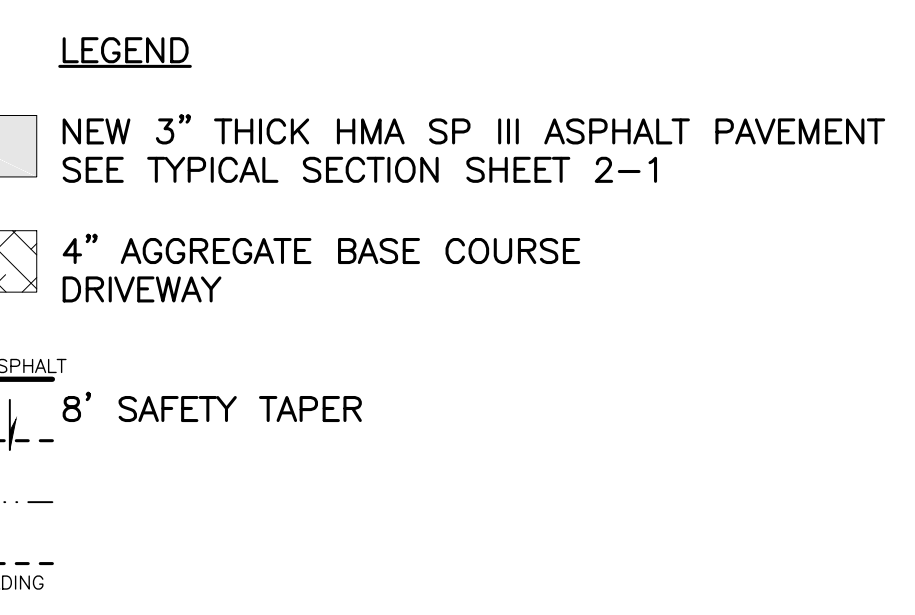
PLAN
 STA.180+00 TO STA.202+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

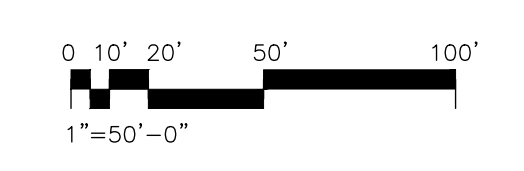
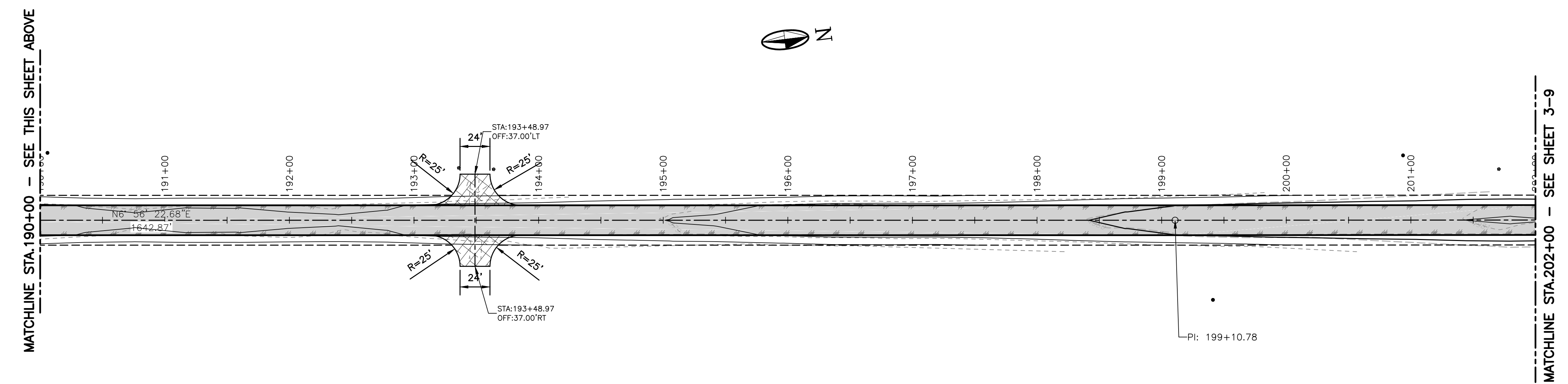
KEYED NOTES:
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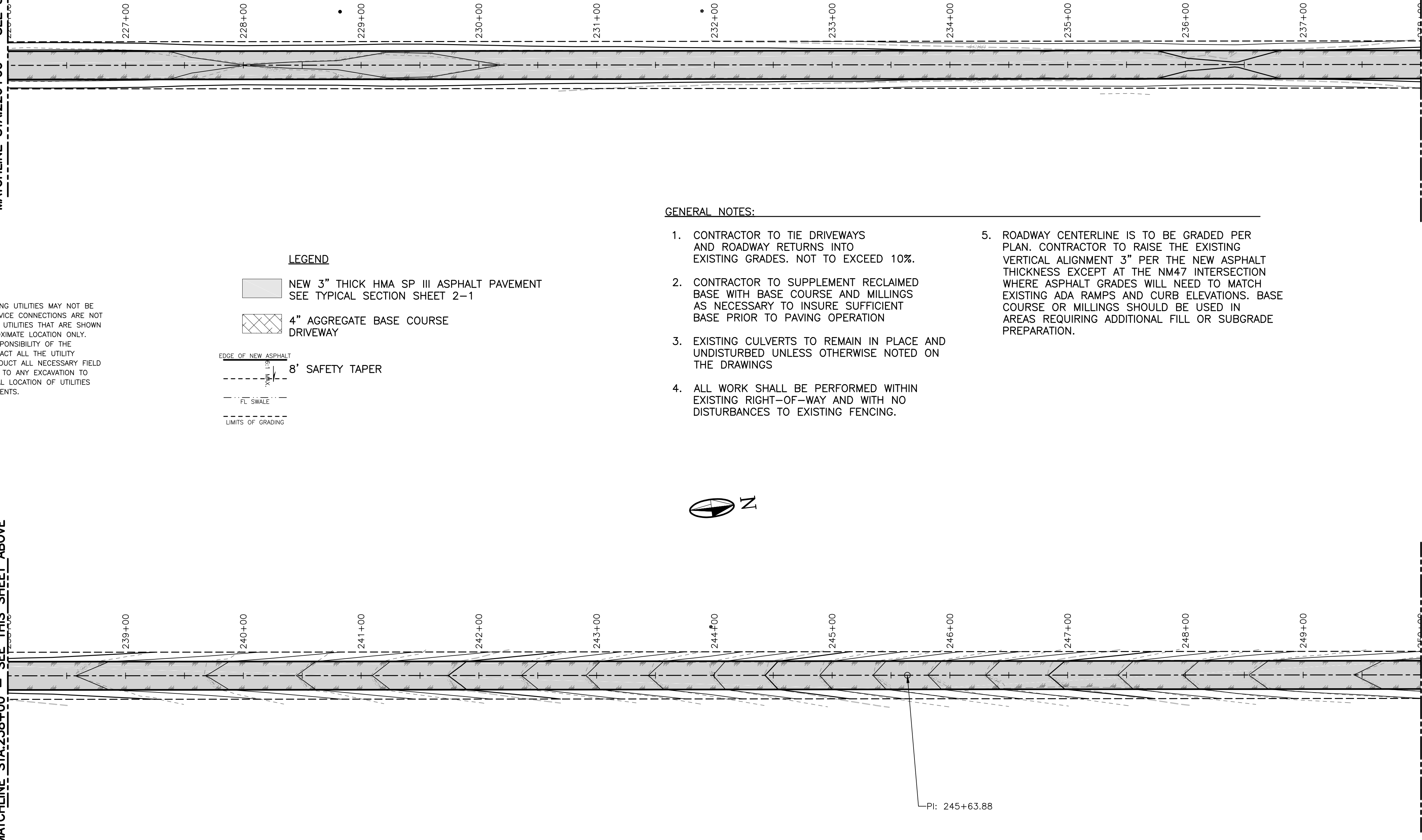
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PLOT DATE: 6/28/2017 11:58 AM
 I:\VALENCIA_COUNTY\VAL151-12 MANZANO EXPRESSWAY PHASE I\DWG\CYC-310

MATCHLINE STA.226+00 - SEE SHEET 3-9

MATCHLINE STA.238+00 - SEE THIS SHEET ABOVE



KEYED NOTES:

- ① SAWCUT ASPHALT.



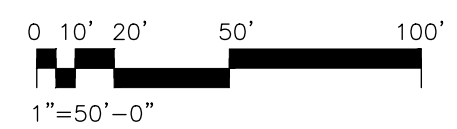
LEGEND

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SEE TYPICAL SECTION SHEET 2-1
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MOLZENCORBIN

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 505 242 5700 office
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NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PLAN
 STA.226+00 TO STA.250+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

3-10

SHEET

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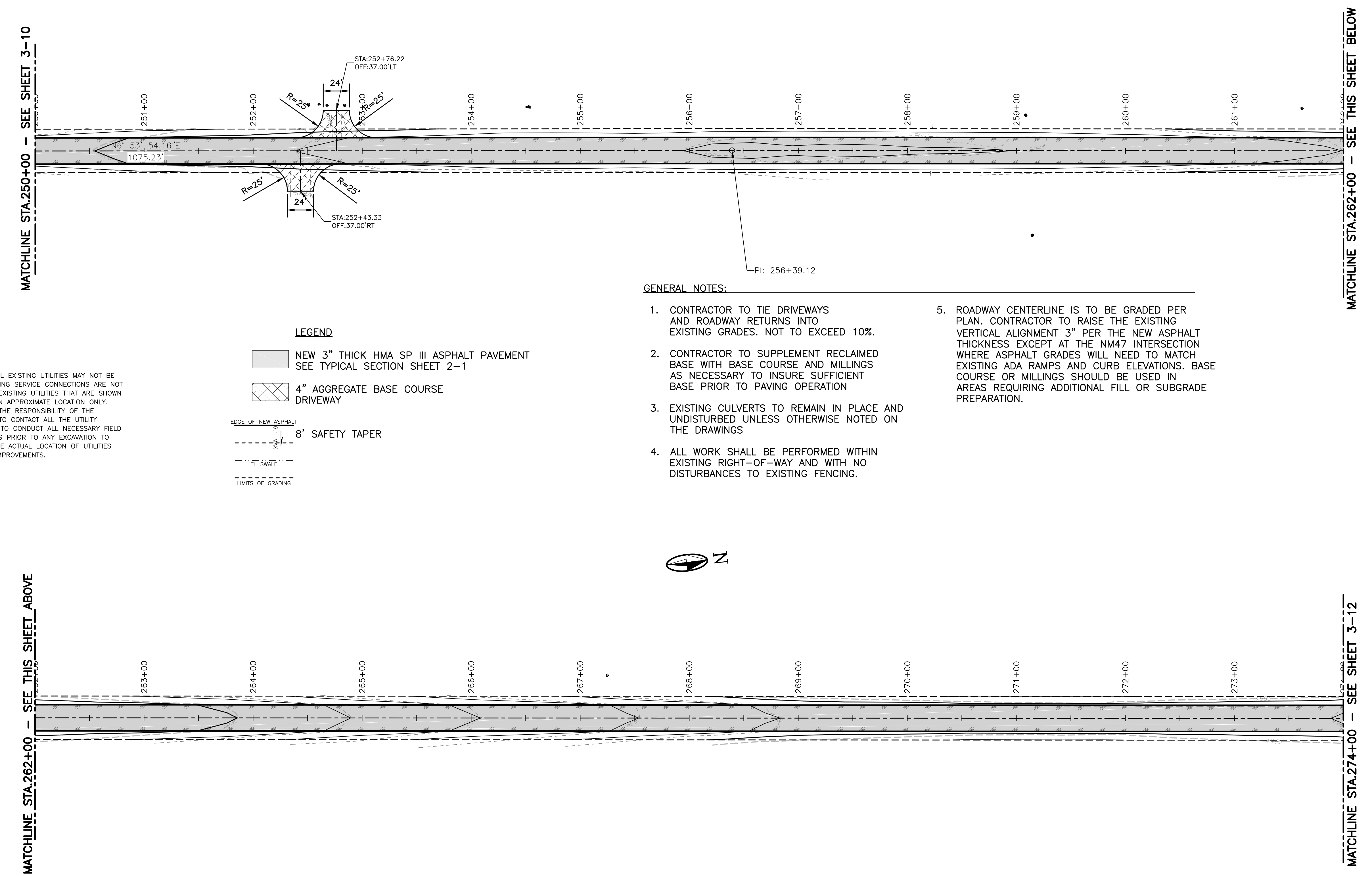
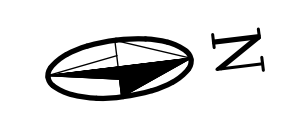
REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PLAN
STA.250+00 TO STA.274+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO

KEYED NOTES:
① SAWCUT ASPHALT.

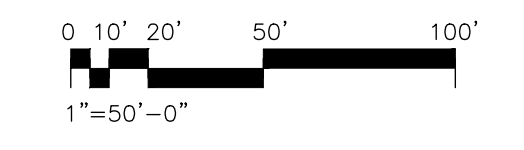


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 - ROADWAY CENTERLINE IS TO BE GRADED PER PLAN. CONTRACTOR TO RAISE THE EXISTING VERTICAL ALIGNMENT 3" PER THE NEW ASPHALT THICKNESS EXCEPT AT THE NM47 INTERSECTION WHERE ASPHALT GRADES WILL NEED TO MATCH EXISTING ADA RAMPS AND CURB ELEVATIONS. BASE COURSE OR MILLINGS SHOULD BE USED IN AREAS REQUIRING ADDITIONAL FILL OR SUBGRADE PREPARATION.

LEGEND

- NEW 3" THICK HMA SP III ASPHALT PAVEMENT
SEE TYPICAL SECTION SHEET 2-1
- 4" AGGREGATE BASE COURSE DRIVEWAY
- 8' SAFETY TAPER
- FL SWALE
- LIMITS OF GRADING

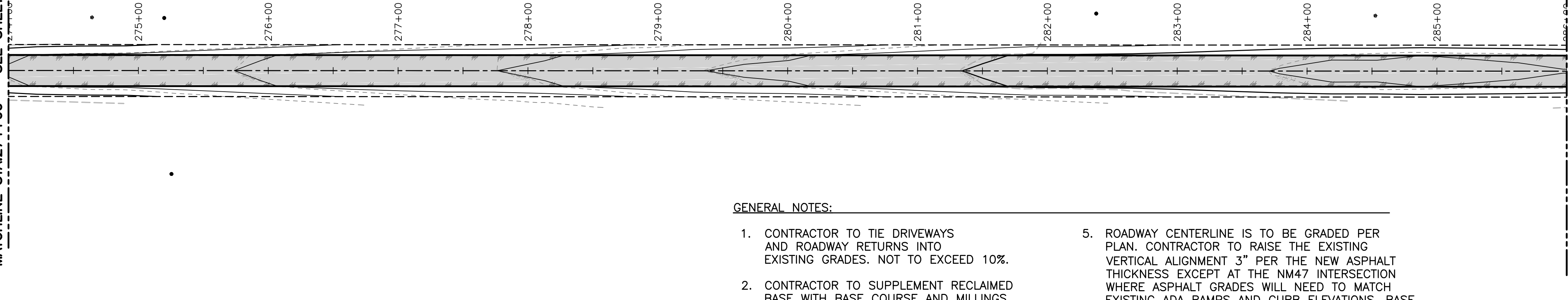
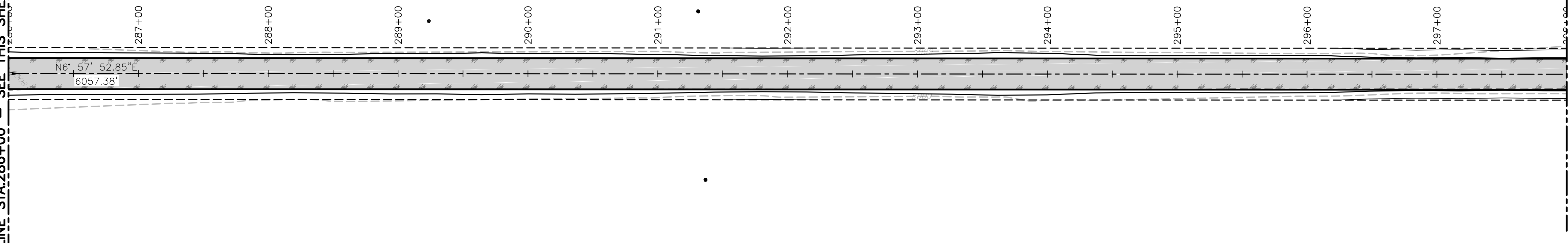
CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE SHOWN IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.



PLT DATE: 6/28/2017 11:58 AM
 P:\VALENCIA_COUNTY\VAL151-12 MANZANO EXPRESSWAY PHASE II\DWG\CYC-312

MATCHLINE STA. 286+00 - SEE THIS SHEET ABOVE

MATCHLINE STA. 274+00 - SEE SHEET 3-11



LEGEND

- NEW 3" THICK HMA SP III ASPHALT PAVEMENT
SEE TYPICAL SECTION SHEET 2-1
- 4" AGGREGATE BASE COURSE DRIVEWAY
- 8' SAFETY TAPER
- FL SWALE
- LIMITS OF GRADING

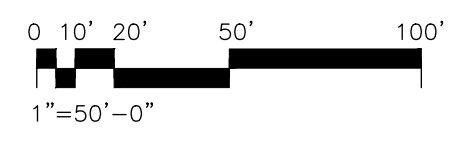
CAUTION:
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KEYED NOTES:

- ① SAWCUT ASPHALT.

GENERAL NOTES:

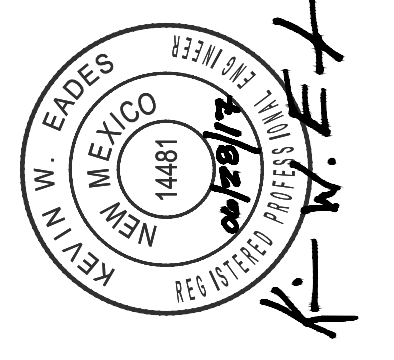
1. CONTRACTOR TO TIE DRIVEWAYS AND ROADWAY RETURNS INTO EXISTING GRADES. NOT TO EXCEED 10%.
2. CONTRACTOR TO SUPPLEMENT RECLAIMED BASE WITH BASE COURSE AND MILLINGS AS NECESSARY TO INSURE SUFFICIENT BASE PRIOR TO PAVING OPERATION
3. EXISTING CULVERTS TO REMAIN IN PLACE AND UNDISTURBED UNLESS OTHERWISE NOTED ON THE DRAWINGS
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MOLZENCORBIN
 2701 Miles Road SE
 Albuquerque, New Mexico 87106
 505 242 5700 office
 505 242 0673 fax
 MolzenCorbin.com

NOTICE OF EXTENDED PAYMENT PROVISION:
 THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT

NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION

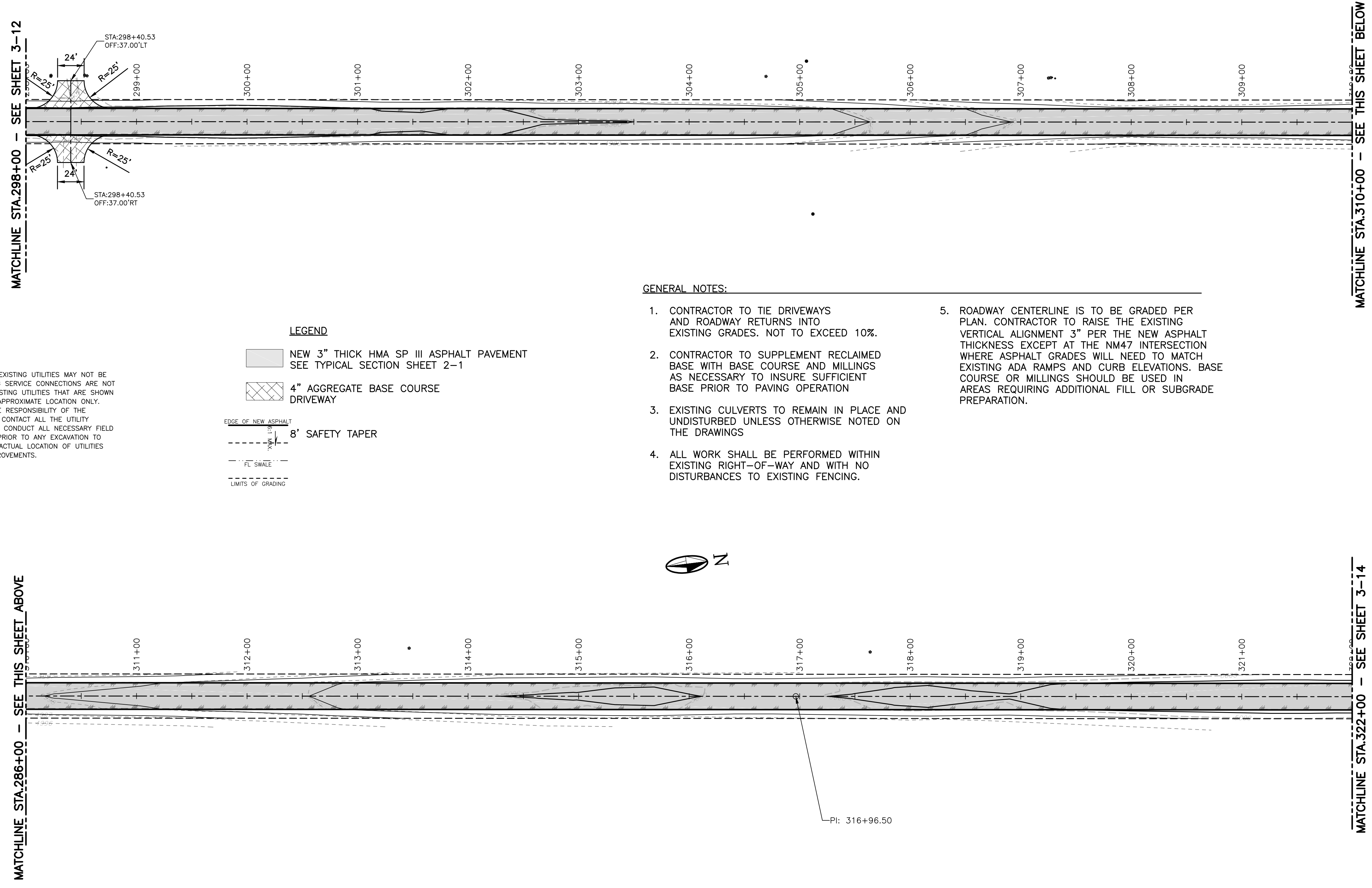
PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PLAN
 STA. 274+00 TO STA. 298+00
 MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

3-12

SHEET

PLOT DATE: 6/28/2017 11:57 AM
 I:\VALENCIA_COUNTY\VAL151-12 MANZANO EXPRESSWAY PHASE I\DWG\CYC-313



KEYED NOTES:

- ① SAWCUT ASPHALT.

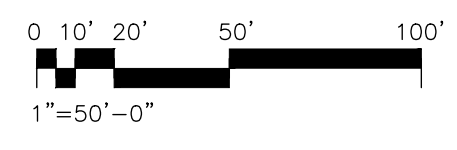
GENERAL NOTES:

1. CONTRACTOR TO TIE DRIVEWAYS AND ROADWAY RETURNS INTO EXISTING GRADES. NOT TO EXCEED 10%.
2. CONTRACTOR TO SUPPLEMENT RECLAIMED BASE WITH BASE COURSE AND MILLINGS AS NECESSARY TO INSURE SUFFICIENT BASE PRIOR TO PAVING OPERATION
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LEGEND

- NEW 3" THICK HMA SP III ASPHALT PAVEMENT SEE TYPICAL SECTION SHEET 2-1
- 4" AGGREGATE BASE COURSE DRIVEWAY
- 8' SAFETY TAPER
- FL SWALE
- LIMITS OF GRADING

CAUTION:
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MOLZENCORBIN
 2701 Miles Road SE
 Albuquerque, New Mexico 87106
 505 242 5700 office
 505 242 0673 fax
 MolzenCorbin.com

NOTICE OF EXTENDED PAYMENT PROVISION:
 THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT

NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION

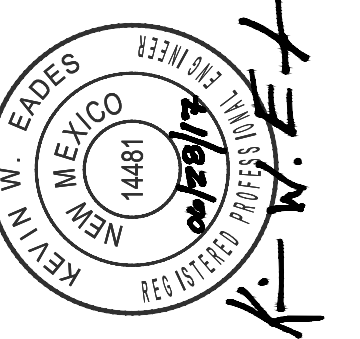
PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PLAN
 STA. 298+00 TO STA. 322+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

*NOTICE OF EXTENDED PAYMENT PROVISION:
THIS CONTRACT ALLOWS THE OWNER TO MAKE
PAYMENT WITHIN 45 DAYS AFTER SUBMISSION
OF AN UNDISPUTED REQUEST FOR PAYMENT*

NUMERIC SCALE CONFIRMATION
DRAWINGS ARE DEPICTED AT INTENDED
NUMERIC SCALES
IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION

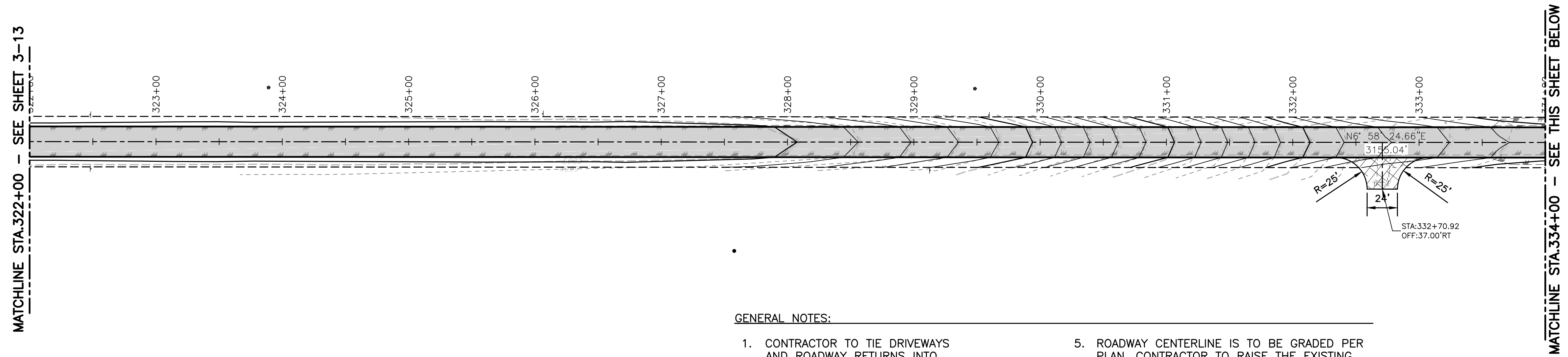
PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PLAN
STA.322+00 TO STA.346+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO

KEYED NOTES:

- ① SAWCUT ASPHALT.



GENERAL NOTES:

1. CONTRACTOR TO TIE DRIVEWAYS AND ROADWAY RETURNS INTO EXISTING GRADES. NOT TO EXCEED 10%.
2. CONTRACTOR TO SUPPLEMENT RECLAIMED BASE WITH BASE COURSE AND MILLINGS AS NECESSARY TO INSURE SUFFICIENT BASE PRIOR TO PAVING OPERATION
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LEGEND

NEW 3" THICK HMA SP III ASPHALT PAVEMENT
SEE TYPICAL SECTION SHEET 2-1

4" AGGREGATE BASE COURSE
DRIVEWAY

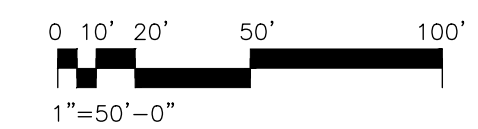
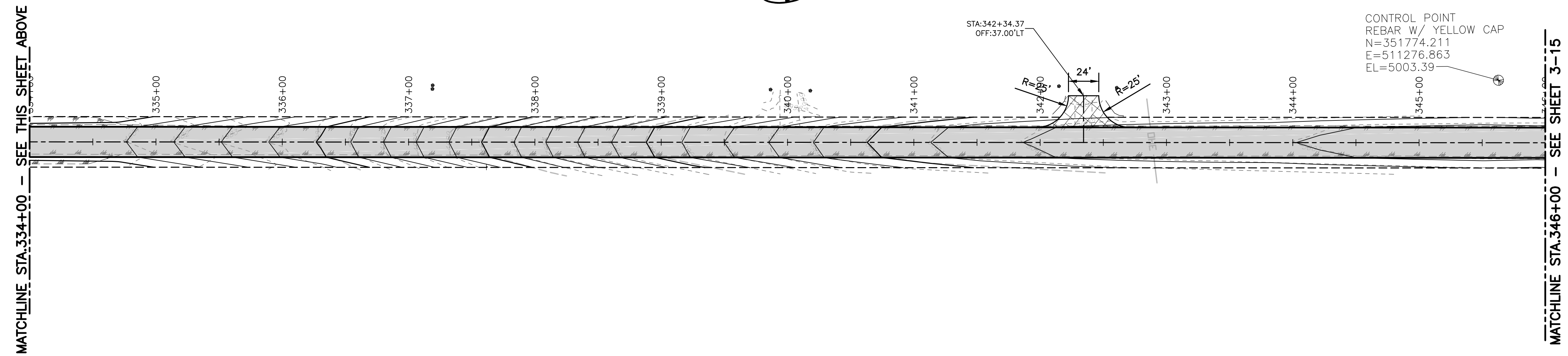
EDGE OF NEW ASPHALT

8' SAFETY TAPER

FL SWALE

LIMITS OF GRADING

CAUTION:
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PEDESTRIAN TRAFFIC CONTROL

CONTRACTOR TO MAINTAIN ACCESS TO ADA RAMPS AND SIDEWALKS AT BOTH THE NE AND SE CORNERS OF THE MANZANO EXPRESSWAY INTERSECTION AT ALL TIMES. SIDEWALK CLOSED SIGNS SHALL BE PLACED AT EITHER END OF THE N/S PEDESTRIAN MOVEMENT DETOURING PEDESTRIANS TO THE WEST SIDE OF NM47. A PEDESTRIAN FLAGGING OPERATION SHALL BE CONDUCTED DURING CONSTRUCTION AT THE INTERSECTION OF NM47 & MANZANO EXPRESSWAY TO FOLLOW MUTCD COMPLIANCE.

SUGGESTED SEQUENCE OF CONSTRUCTION:

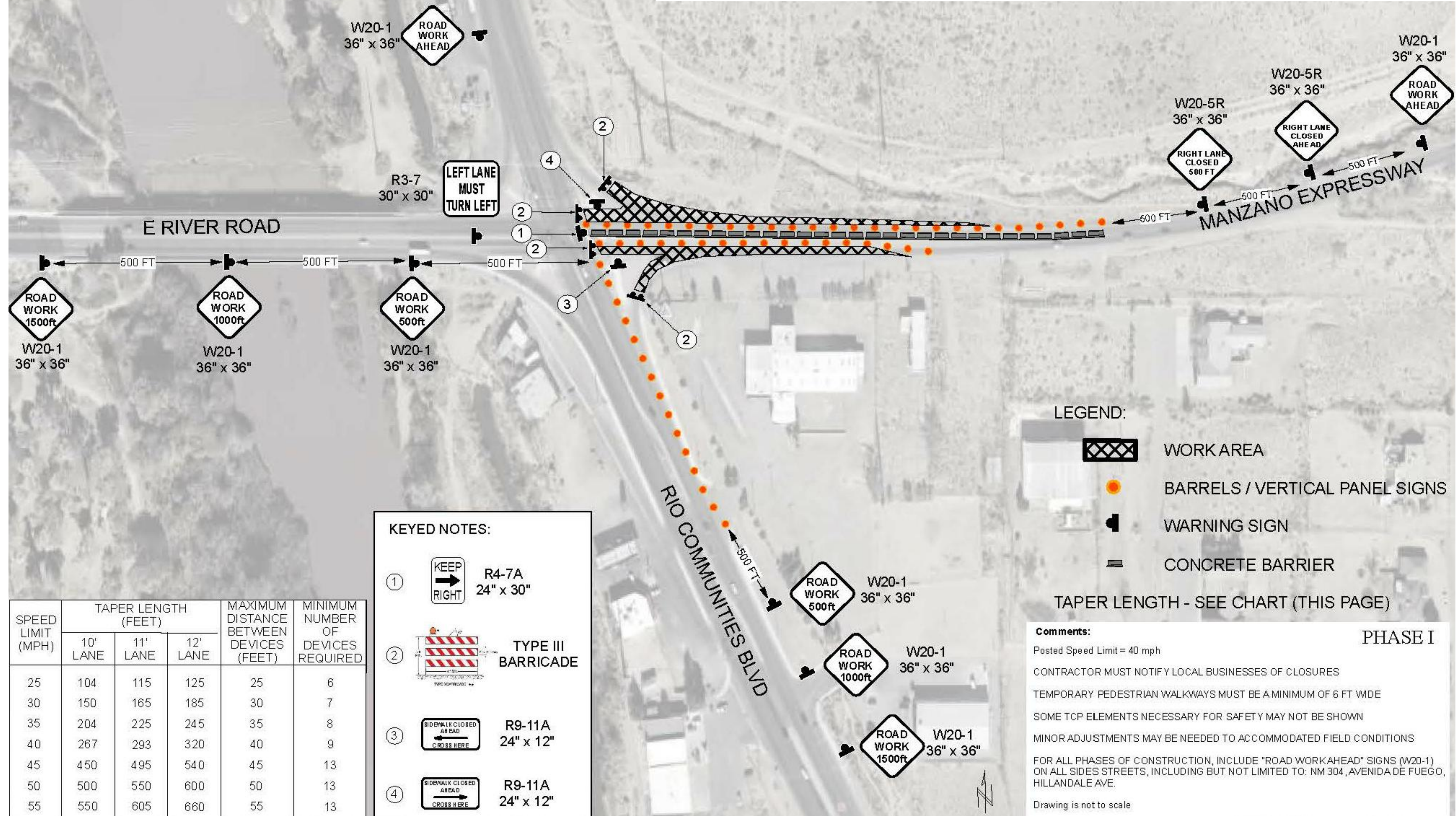
- PHASE 1: CONTRACTOR SHALL BARRICADE AND CLOSE BOTH THE THROUGH MOVEMENT AND THE MERGE LANE FOR THE NE & SE CORNER OF THE NM47 & MANZANO EXPRESSWAY INTERSECTION. CONTRACTOR SHALL REPAVE THOSE AREAS WHILE MAINTAINING SINGLE LANE ACCESS FOR BOTH DIRECTIONS ON MANZANO EXPRESSWAY. ALL WORK WITHIN NMDOT R-O-W SHALL BE DONE AT NIGHT. SEE SHEET 3-1 FOR NMDOT R-O-W LIMITS.
- PHASE 2: CONTRACTOR TO SWITCH BARRICADE AND CLOSURES (STA.11+00 TO STA.18+00) SO THAT THE INSIDE REMAINING THROUGH MOVEMENTS CAN BE PAVED.
- PHASE 3: STARTING FROM STA.18+00 TO E.O.P. STA.351+00.71 THE CONTRACTOR SHALL CONSTRUCT ROADWAY ONE LANE AT A TIME TO MAINTAIN ACCESS TO THE RESIDENCES AND BUSINESSES. THIS WILL BE A FLAG MAN OPERATION WITH PILOT CAR. TEMPORARY TRAFFIC SIGNALS MAY BE PLACED IN ADDITION TO OR IN LIEU OF A FLAG MAN AT NO ADDITIONAL PAYMENT TO THE CONTRACTOR.

MOLZENCORBIN

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NOTICE OF EXTENDED PAYMENT PROVISION:
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NUMERIC SCALE CONFIRMATION
DRAWINGS ARE DEPICTED AT INTENDED NUMERIC SCALES
IF THIS BAR EQUALS ONE INCH



SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10' LANE	11' LANE	12' LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

KEYED NOTES:

- ① R4-7A 24" x 30"
- ② TYPE III BARRICADE
- ③ R9-11A 24" x 12"
- ④ R9-11A 24" x 12"

LEGEND:

- WORK AREA
- BARRELS / VERTICAL PANEL SIGNS
- WARNING SIGN
- CONCRETE BARRIER

TAPER LENGTH - SEE CHART (THIS PAGE)

Comments:
 Posted Speed Limit = 40 mph
 CONTRACTOR MUST NOTIFY LOCAL BUSINESSES OF CLOSURES
 TEMPORARY PEDESTRIAN WALKWAYS MUST BE A MINIMUM OF 6 FT WIDE
 SOME TCP ELEMENTS NECESSARY FOR SAFETY MAY NOT BE SHOWN
 MINOR ADJUSTMENTS MAY BE NEEDED TO ACCOMMODATED FIELD CONDITIONS
 FOR ALL PHASES OF CONSTRUCTION, INCLUDE "ROAD WORK AHEAD" SIGNS (W20-1) ON ALL SIDES STREETS, INCLUDING BUT NOT LIMITED TO: NM 304, AVENIDA DE FUEGO, HILLDALE AVE.
 Drawing is not to scale

SUGGESTED SEQUENCE OF CONSTRUCTION AND TYPICAL TRAFFIC CONTROL

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

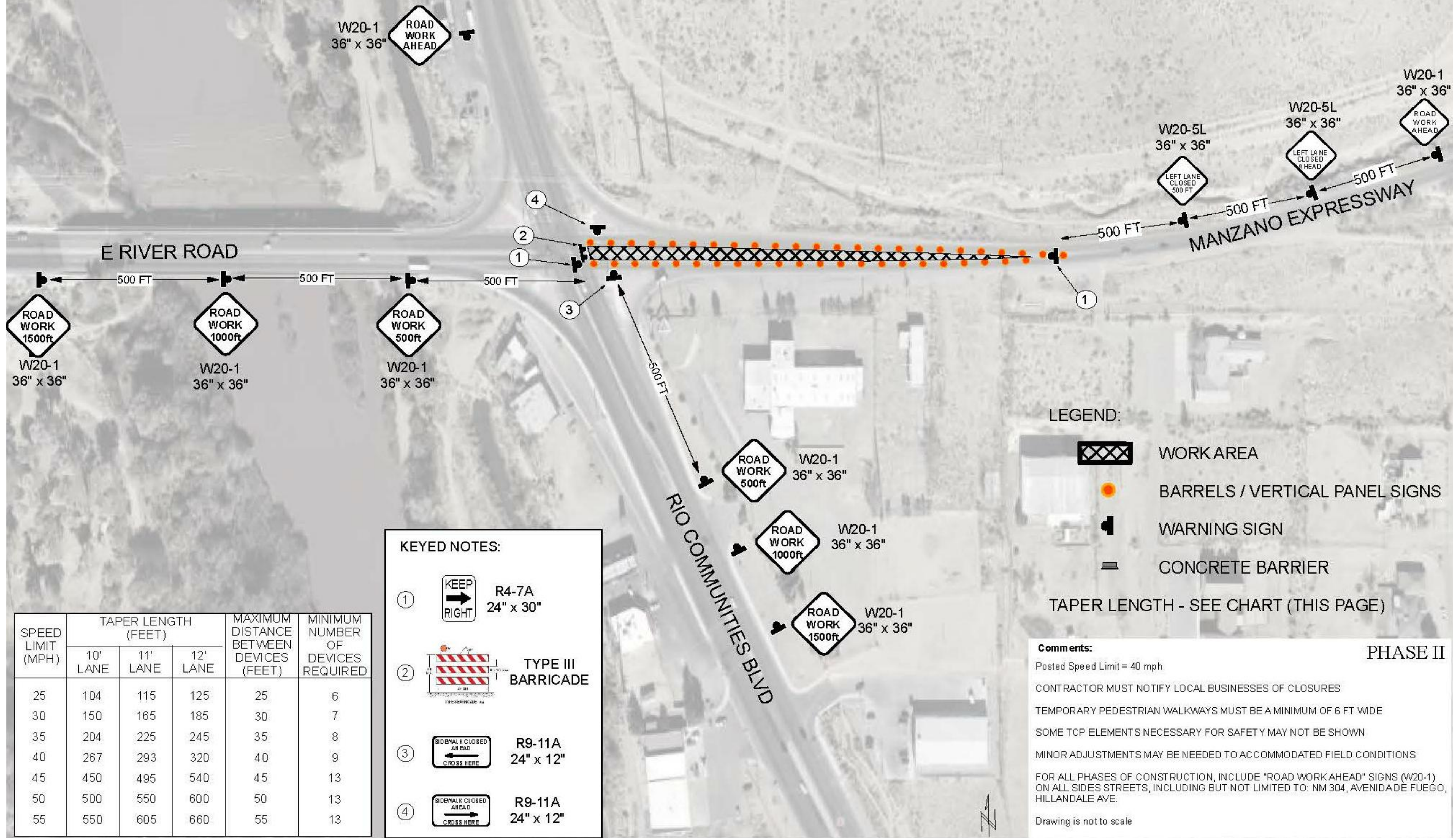
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 P:\VALENCIA COUNTY\VAL151-12 MANZANO EXPRESSWAY PHASE II\DWG\COC-601

NOTICE OF EXTENDED PAYMENT PROVISION:
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 OF AN UNDISPUTED REQUEST FOR PAYMENT

NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION
1		PROJECT NUMBER: VAL151-12
2		DESIGNED BY: J.LOVATO
3		DRAWN BY: J.LOVATO
4		CHECKED BY: K.EADES
5		PROJ. ENG: J.ASHBACHER
6		PROJECT DATE: JUNE 2017



SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10' LANE	11' LANE	12' LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

KEYED NOTES:

① R4-7A
24" x 30"

② TYPE III BARRICADE

③ R9-11A
24" x 12"

④ R9-11A
24" x 12"

LEGEND:

- WORK AREA
- BARRELS / VERTICAL PANEL SIGNS
- WARNING SIGN
- CONCRETE BARRIER

TAPER LENGTH - SEE CHART (THIS PAGE)

Comments:

Posted Speed Limit = 40 mph

CONTRACTOR MUST NOTIFY LOCAL BUSINESSES OF CLOSURES

TEMPORARY PEDESTRIAN WALKWAYS MUST BE A MINIMUM OF 6 FT WIDE

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FOR ALL PHASES OF CONSTRUCTION, INCLUDE "ROAD WORK AHEAD" SIGNS (W20-1) ON ALL SIDES STREETS, INCLUDING BUT NOT LIMITED TO: NM 304, AVENIDA DE FUEGO, HILLDALE AVE.

Drawing is not to scale

PHASE II

TYPICAL TRAFFIC CONTROL

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

PLT DATE: 6/28/2017 1:06 PM
 IN: VALENCIA COUNTY VAL151-12 MANZANO EXPRESSWAY PHASE II (MWS) CVC-602

NOTICE OF EXTENDED PAYMENT PROVISION:
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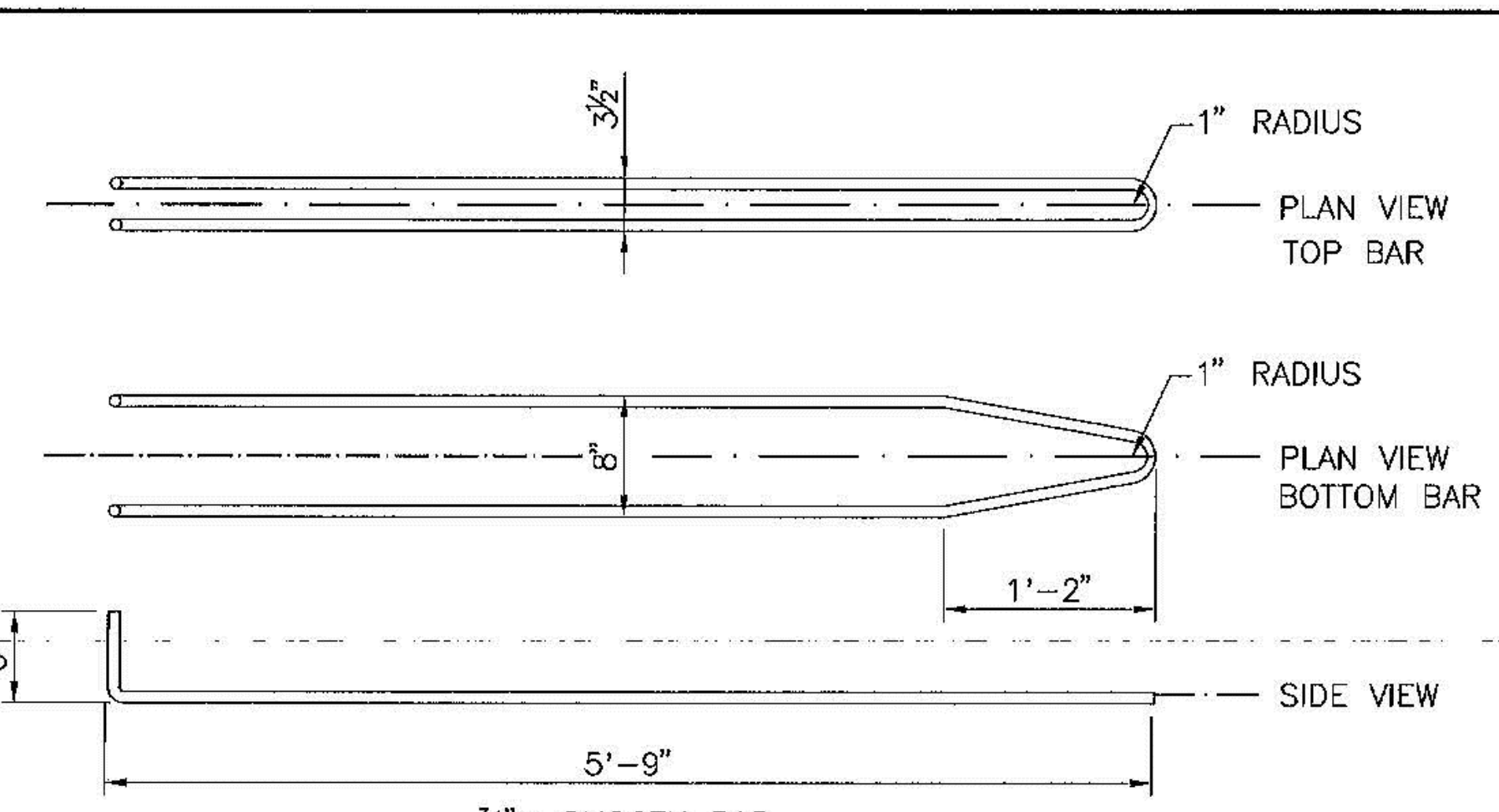
NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH

REV. NO.	REV. DATE	DESCRIPTION

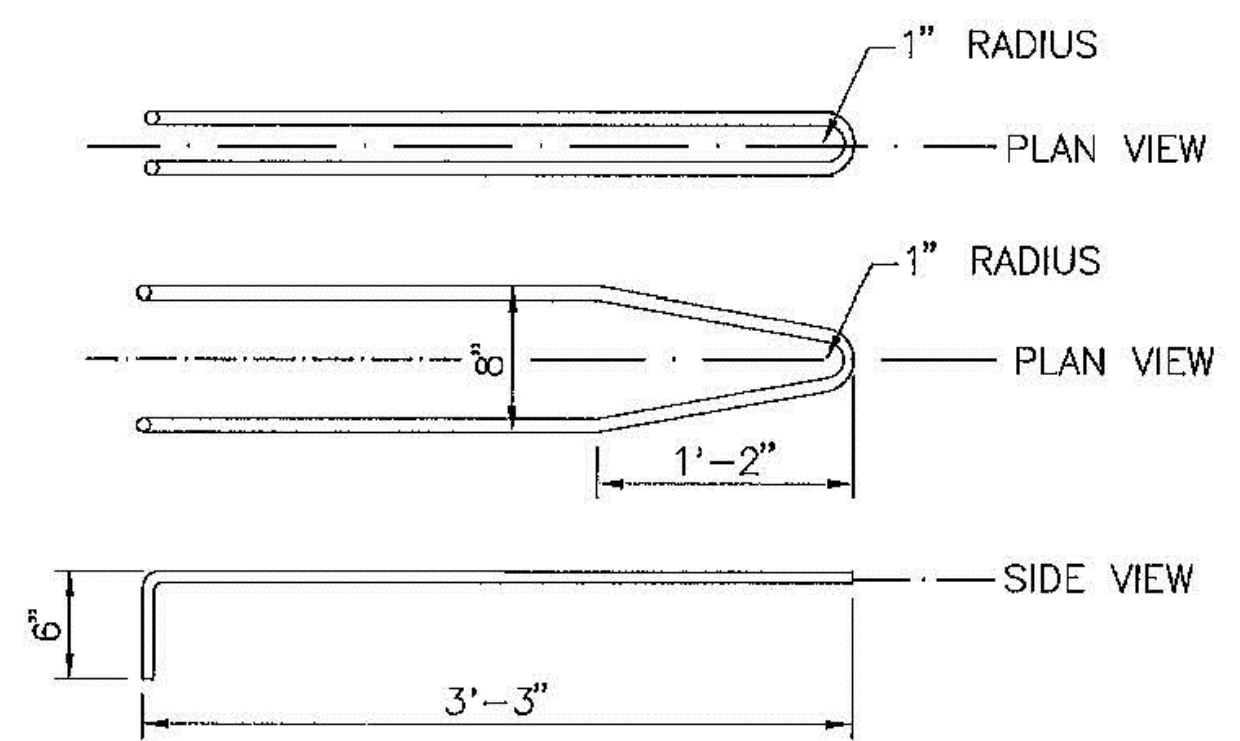
PROJECT NUMBER:	VAL151-12
DESIGNED BY:	NMDOT
DRAWN BY:	NMDOT
CHECKED BY:	NMDOT
PROJ. ENG.:	NMDOT
PROJECT DATE:	AUGUST 2017

TEMPORARY PRE-CAST
 CONCRETE WALL BARRIER DETAILS
 606-20-2/5

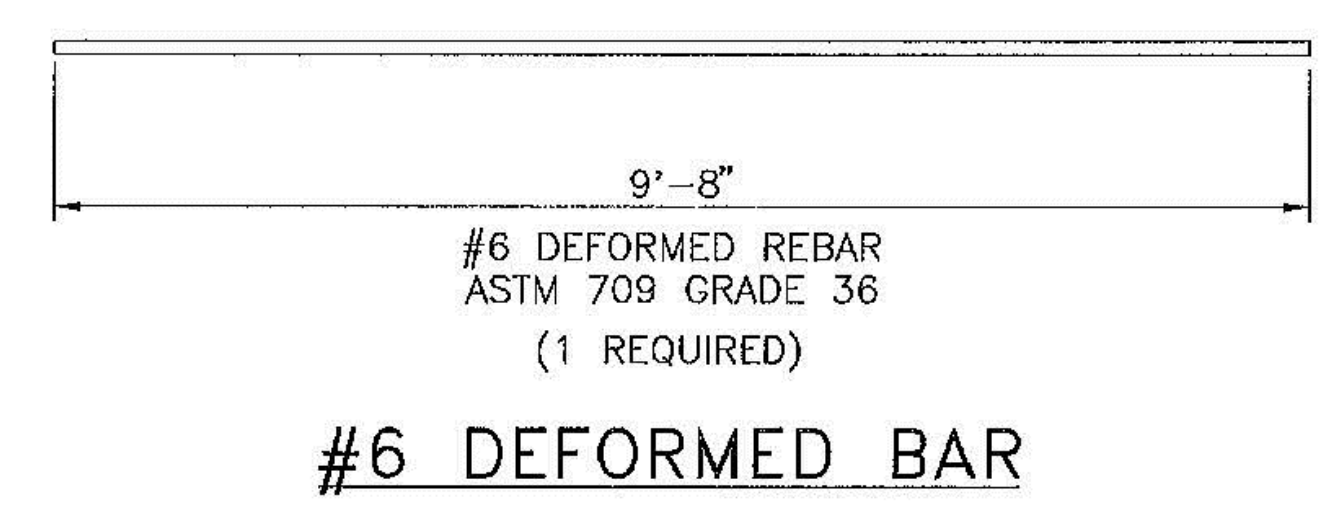
MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO



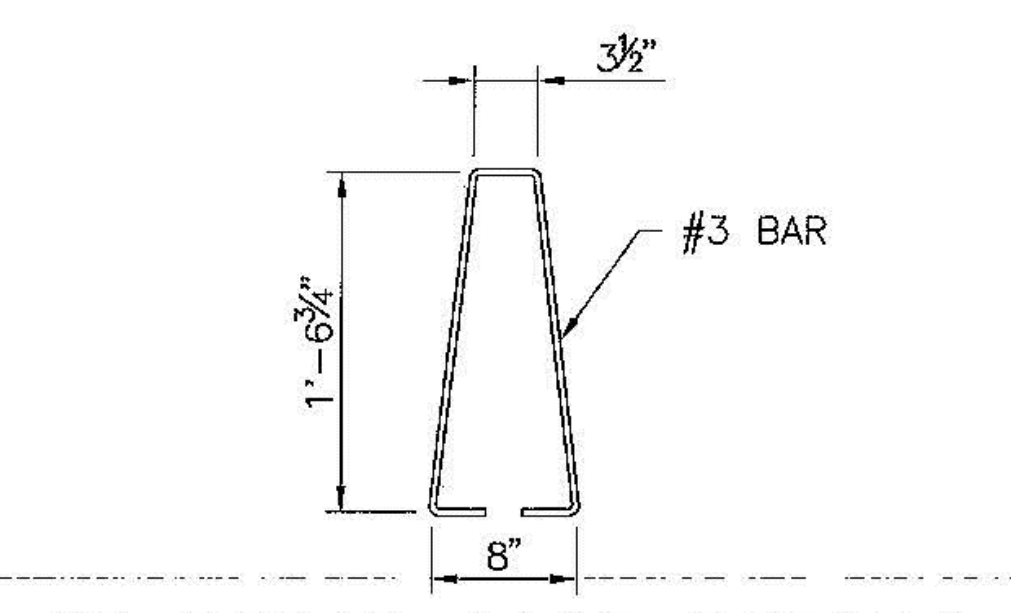
**3/4 INCH DIAMETER
 SMOOTH LOOP BARS**
 3/4" ϕ SMOOTH BAR
 ASTM 709 GRADE 36
 (2 REQUIRED)



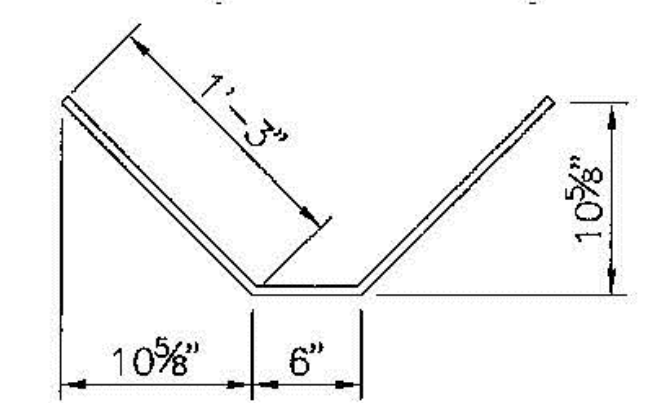
**3/4 INCH DIAMETER
 DEFORMED LOOP BARS**
 3/4" ϕ DEFORMED REBAR
 ASTM 709 GRADE 36
 (1 REQUIRED)



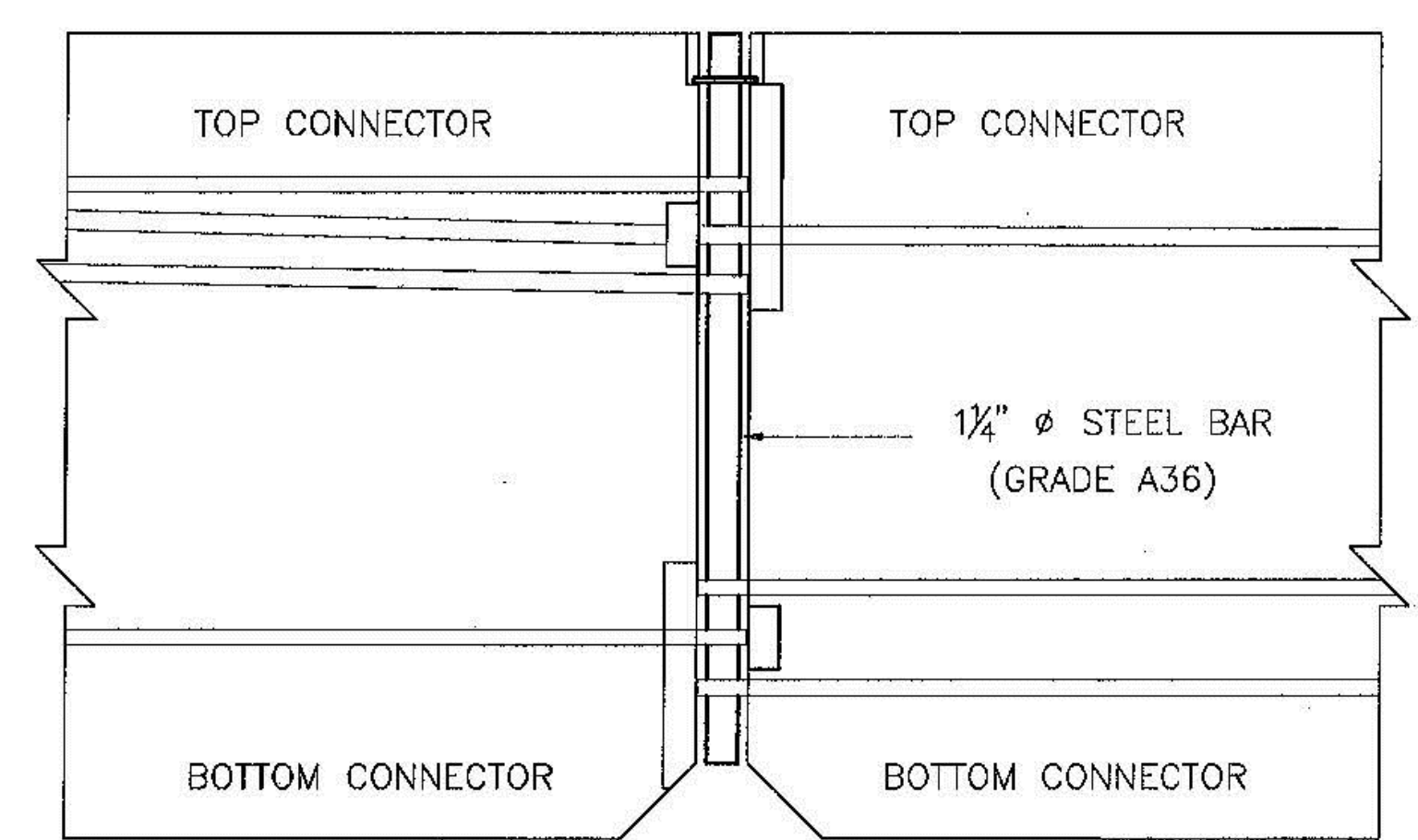
#6 DEFORMED BAR
 #6 DEFORMED REBAR
 ASTM 709 GRADE 36
 (1 REQUIRED)



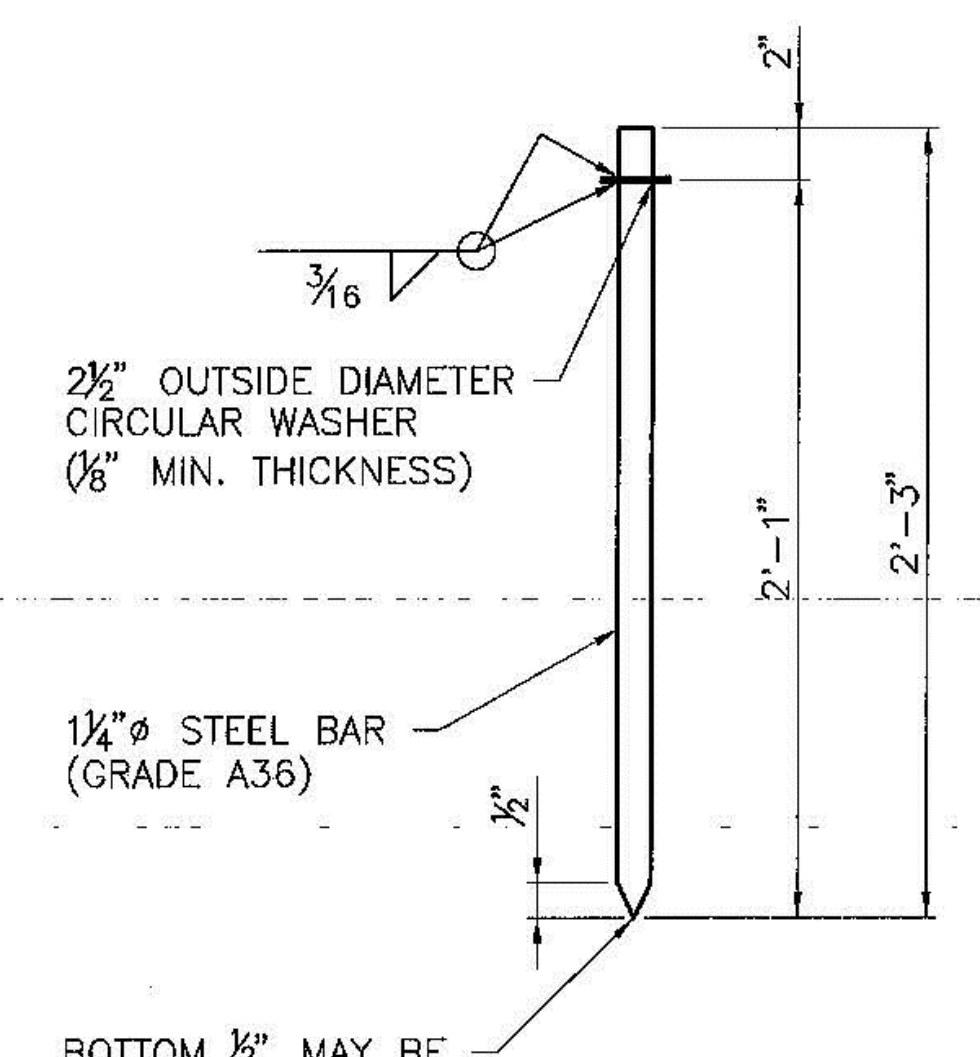
#3 REBAR CAGE DETAILS
 (2 REQUIRED)



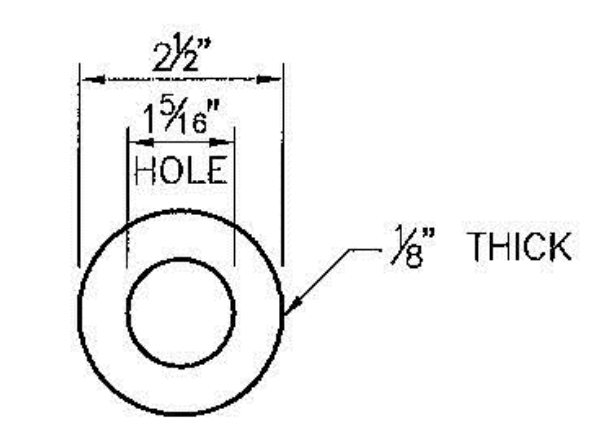
**#6 DEFORMED REBAR OF
 ANCHOR SLOT DETAIL**
 (4 REQUIRED)



ELEVATION OF CONNECTION



CONNECTING PIN DETAIL



**PLAIN GALVANIZED STEEL WASHER
 FOR 1-1/4" PIN**



DATE	BY	DESCRIPTION

REVISIONS (OR CHANGE NOTICES)

**NEW MEXICO
 DEPARTMENT OF TRANSPORTATION
 STANDARD DRAWING**

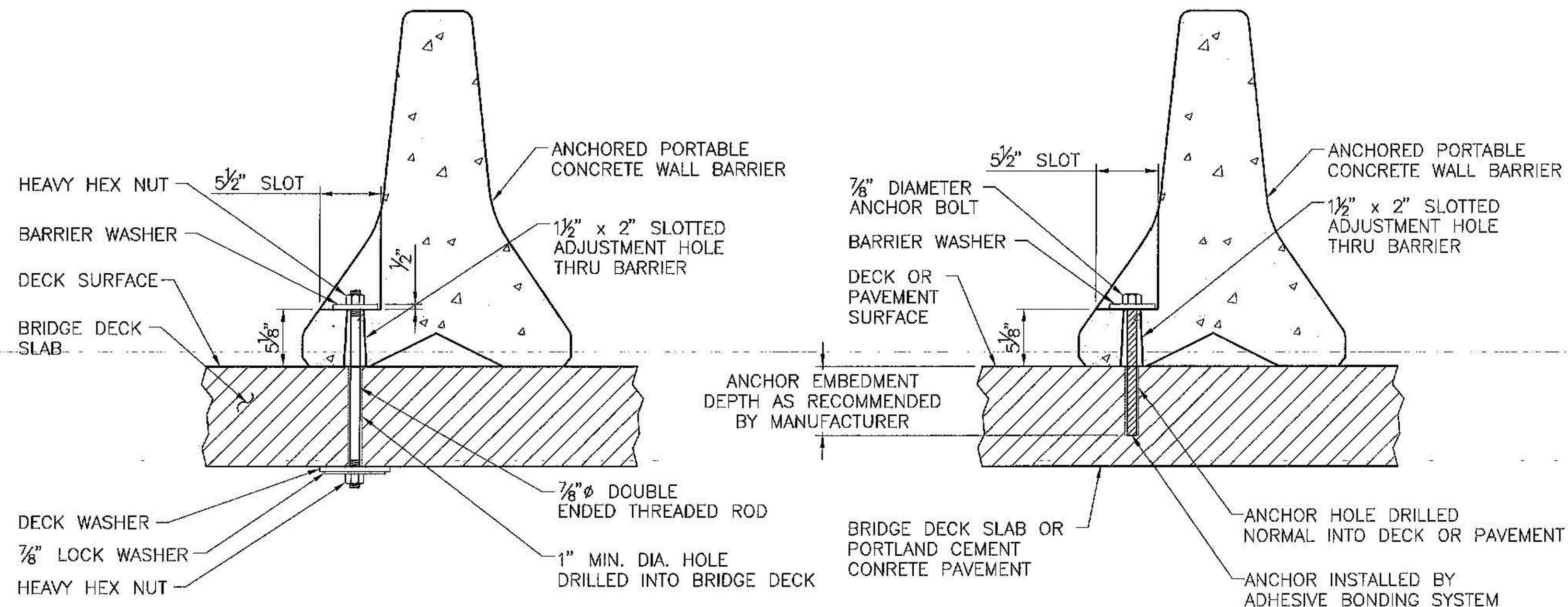
TEMPORARY
 PRE-CAST CONCRETE
 WALL BARRIER DETAILS

DESIGNED BY: _____ DRAWN BY: SKL CHECKED BY: YML/TM
 606-20-2/5 2 of 5

PLOT DATE: 8/17/2017 4:38 PM
 IN: VALENCIA COUNTY\VAL151-12 MANZANO EXPRESSWAY PHASE II\DWG5\CYC-604

NOTICE OF EXTENDED PAYMENT PROVISION:
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 PAYMENT WITHIN 45 DAYS AFTER SUBMISSION
 OF AN UNDISPUTED REQUEST FOR PAYMENT

NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



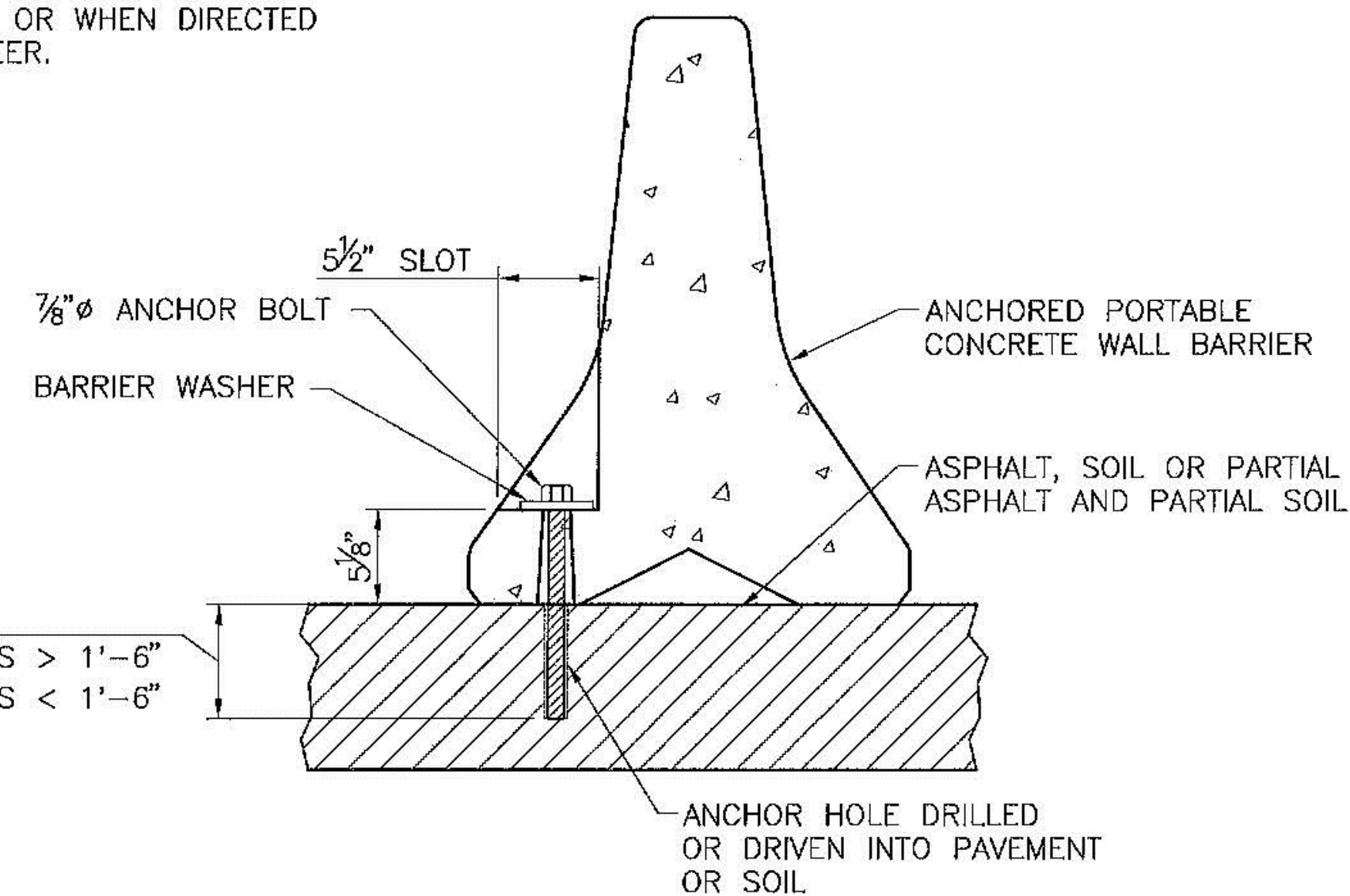
THRU-DECK ANCHOR METHOD
 BRIDGE DECKS

NOTE:
 METHOD TO BE USED ON BRIDGE
 DECKS ONLY AT TIMES WHEN SPECIFIED
 IN THE PLANS, OR WHEN DIRECTED
 BY THE ENGINEER.

**ADHESIVE BONDING SYSTEM
 ANCHOR METHOD**
 BRIDGE DECKS AND PORTLAND CEMENT
 CONCRETE PAVEMENTS

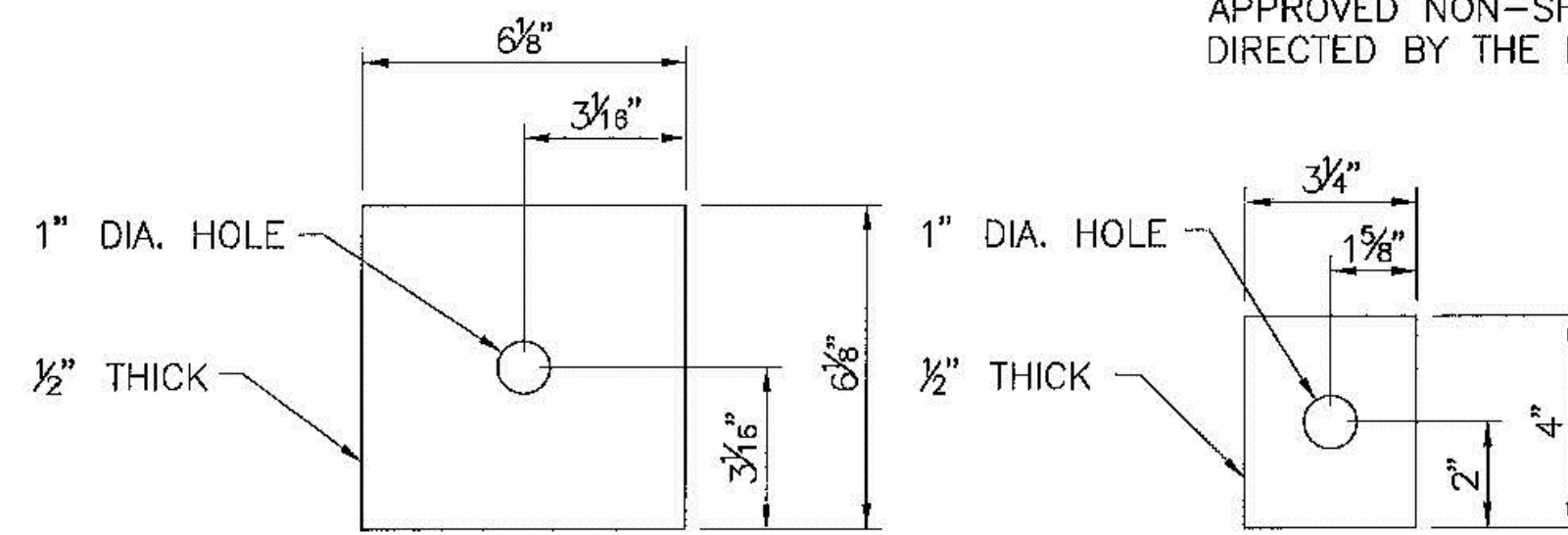
NOTES:

1. ANCHORS SHALL BE USED WHEN SPECIFIED IN THE PLANS AND/OR WHEN A CLEAR AREA OF 5 FEET BEHIND THE TEMPORARY CONCRETE WALL BARRIER CANNOT BE MAINTAINED.
2. EACH 10 FT. SECTION OF BARRIER REQUIRES 2 ANCHOR ASSEMBLIES WHEN INSTALLED ON CONCRETE, AND 4 ANCHOR ASSEMBLIES WHEN INSTALLED ON ASPHALT OR SOIL.
3. EXPANSION ANCHORS WILL NOT BE PERMITTED FOR USE ON BRIDGE DECKS.
4. DO NOT DRILL HOLES INTO PRESTRESSED CONCRETE BRIDGE DECK PANELS.
5. USE ASTM A325 HIGH STRENGTH GALVANIZED ANCHOR BOLTS.
6. DRILL ANCHOR HOLES IN CONCRETE WITH A PNEUMATIC DRILL.
7. FOR BARRIER SECTIONS THAT EXTEND ACROSS CONCRETE JOINTS, DO NOT ANCHOR ON BOTH SIDES OF THE JOINT, OMIT THE ANCHOR CLOSEST TO THE JOINT.
8. TIGHTEN ANCHORS "SNUG FIT". TURN THREADED RODS AT LEAST 1 FULL TURN OF THREADS EXTENDING ABOVE THE NUT. DO NOT PROTRUDE THE TOP OF THE ANCHOR ABOVE THE SIDE OF THE BARRIER.
9. COAT ANCHORS USED WITH THE ADHESIVE BONDING ANCHORING SYSTEM WITH A DEBONDING AGENT SO THE ANCHORS CAN BE EASILY REMOVED. DO NOT REDUCE THE STRENGTH OR ANCHOR SYSTEM WITH THE DEBONDING AGENT.
10. ONCE REMOVED, COMPLETELY FILL ANCHOR HOLES WITH AN APPROVED NON-SHRINK, NON-METALLIC GROUT, OR AS DIRECTED BY THE PROJECT MANAGER.



ANCHOR BOLT METHOD
 BITUMINOUS PAVEMENTS & SOIL

NOTE: THESE EMBEDMENTS DEPTHS ARE TYPICAL FOR MOST APPLICATIONS HOWEVER, DUE TO VARYING SOIL AND ASPHALT CONDITIONS, THEY MAY NOT BE ADEQUATE FOR ALL CASES.



DECK WASHER
 THRU DECK
 ANCHOR METHOD

BARRIER WASHER
 ALL APPLICATIONS

DATE	BY	DESCRIPTION
REVISIONS (OR CHANGE NOTICES)		
NEW MEXICO		
DEPARTMENT OF TRANSPORTATION		
STANDARD DRAWING		
TEMPORARY PRE-CAST CONCRETE WALL BARRIER ANCHORING DETAILS		
DESIGNED BY:	DRAWN BY: SKL	CHECKED BY: YML/TM
606-20-3/5		3 of 5

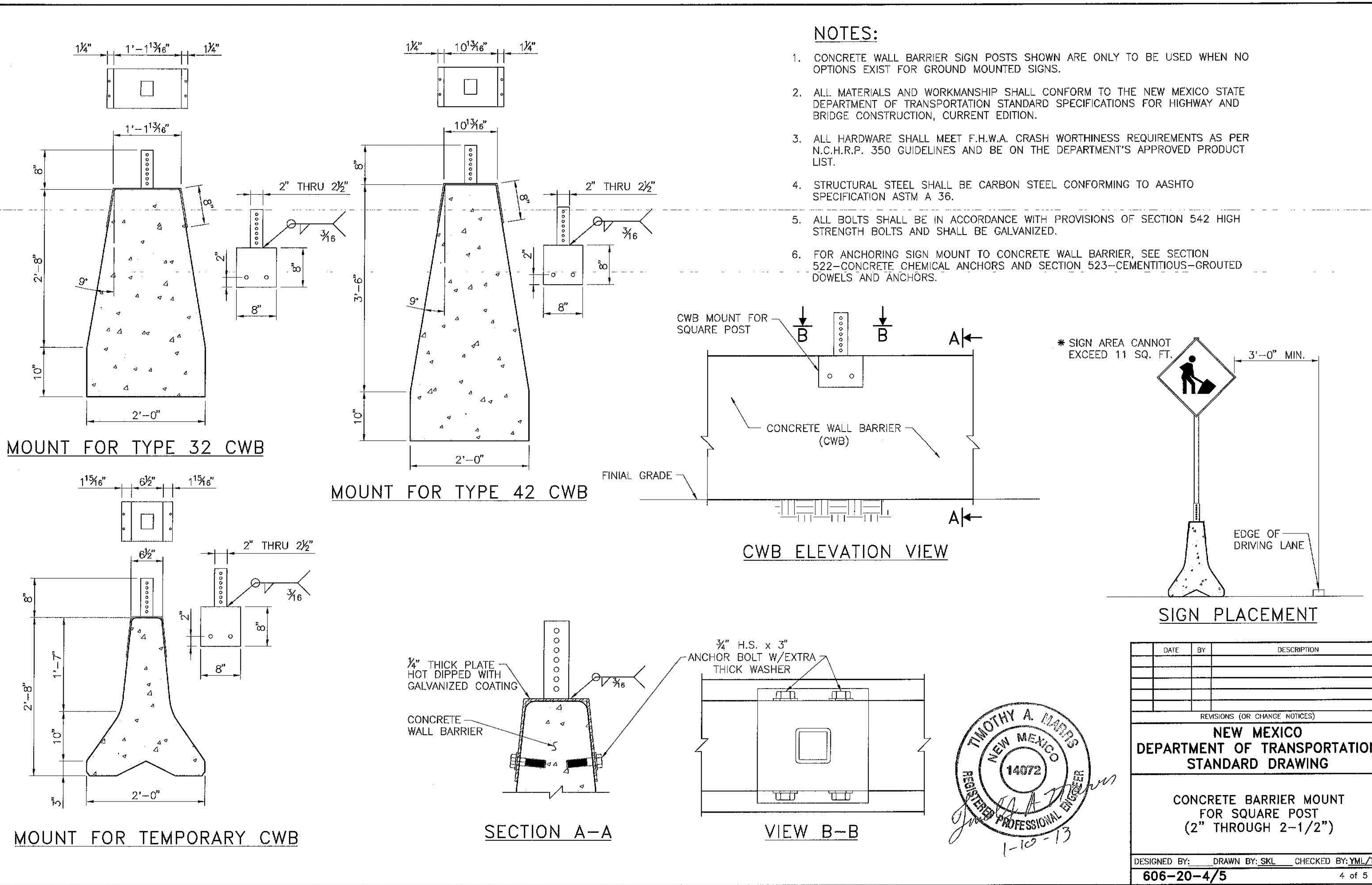


TEMPORARY PRE-CAST CONCRETE
 WALL BARRIER ANCHOR DETAILS
 606-20-3/5

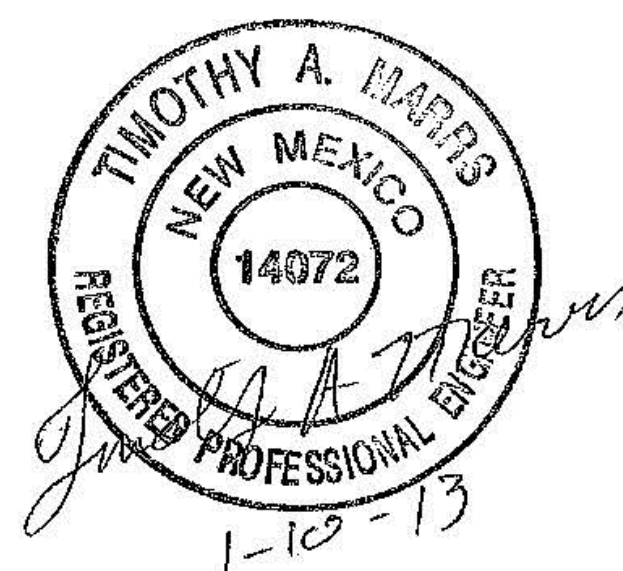
MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

NOTICE OF EXTENDED PAYMENT PROVISION:
THIS CONTRACT ALLOWS THE OWNER TO MAKE
PAYMENT WITHIN 45 DAYS AFTER SUBMISSION
OF AN UNDISPUTED REQUEST FOR PAYMENT

NUMERIC SCALE CONFIRMATION
DRAWINGS ARE DEPICTED AT INTENDED
NUMERIC SCALES
IF THIS BAR EQUALS ONE INCH



DATE	BY	DESCRIPTION
REVISIONS (OR CHANGE NOTICES)		
NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING		
CONCRETE BARRIER MOUNT FOR SQUARE POST (2" THROUGH 2-1/2")		
DESIGNED BY:	DRAWN BY: SKL	CHECKED BY: YML/TM
606-20-4/5		4 of 5



CONCRETE BARRIER MOUNT FOR SQUARE POST (2" THROUGH 2-1/2")
606-20-4/5

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO

PLOT DATE: 8/17/2017 4:38 PM
 IN: VALENCIA COUNTY\VAL151-12 MANZANO EXPRESSWAY PHASE II\DWG\CYC-606

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NOTES:

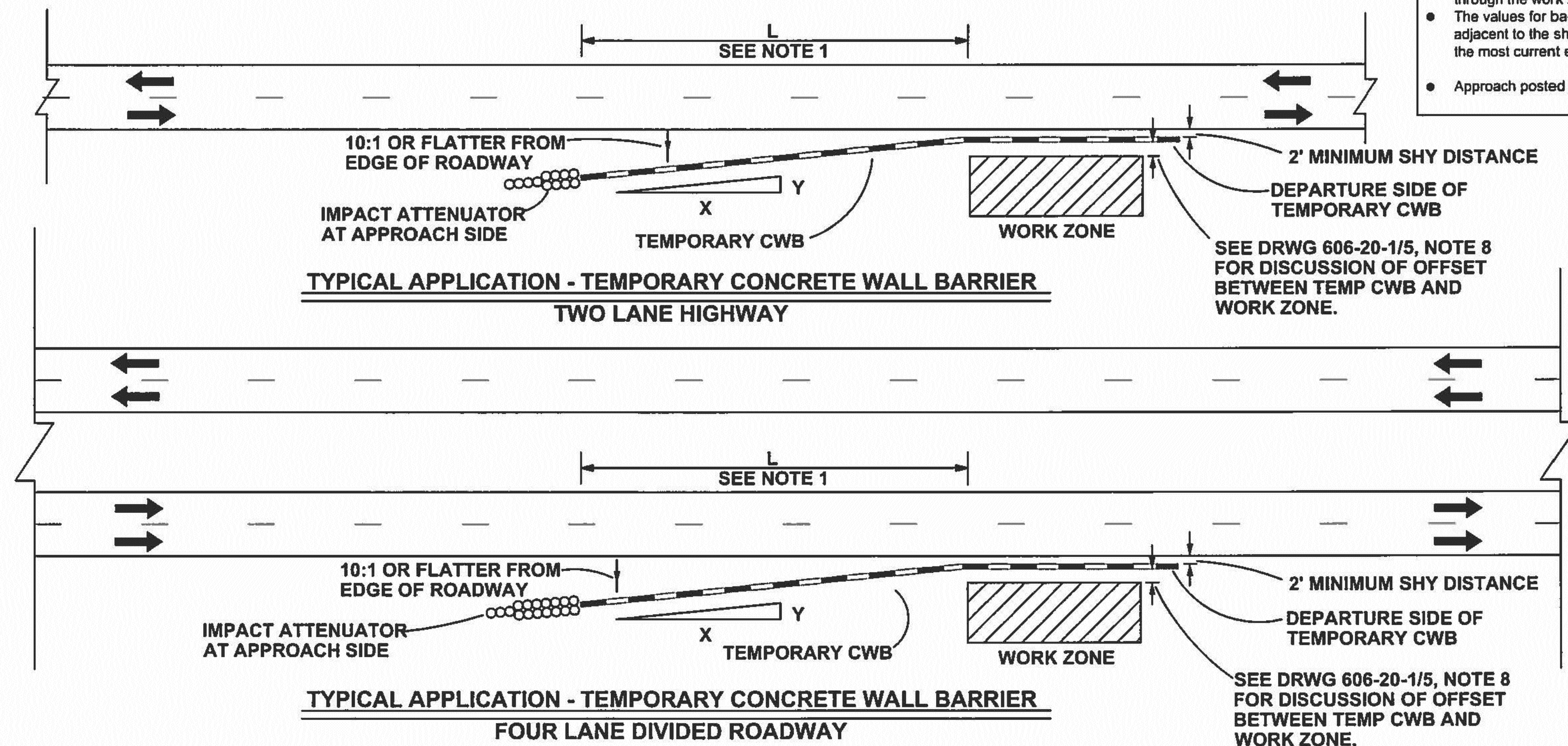
- Length of need "L" temporary CWB upstream of hazard shall be as shown on construction traffic control plans and shall be of adequate length to shield the appropriate work zone clear zone from Table 2. Methodology used to develop "L" shall be from the most recent edition of the AASHTO Roadside Design Guide.
- Taper rates (X:Y) for temporary CWB shall be as shown in Table 1.
- The approach end of the temporary CWB shall be shielded with an approved impact attenuator if terminated within the clear zone. Approved impact attenuators are as in the NMDOT Approved Product Listing. Sand barrels placed per manufacturer specification. The approach end of the temporary CWB may not be shielded if terminated outside the work zone clear zone.
- The departure end of the temporary CWB may not be shielded if outside of the work zone clear zone for opposing traffic. (Note applies only to multi-lane divided roadways.)
- There shall be a 2' minimum shy distance between the edge of the traveled land and edge of temporary CWB.
- Temporary CWB to be placed on slopes of 10:1 or flatter measured from edge of pavement.
- Table 2 is provided from Exhibit 5.1 of NCHRP 581 Publication "Example of Work Zone Clear Distances"

TABLE 1 TEMPORARY CWB TAPER RATES		
ROADWAY SPEED LIMIT	MINIMUM FLARE RATE	DESIRABLE 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

APPROACH POSTED SPEED LIMIT	ADT	TABLE 2 WORK ZONE CLEAR ZONE DISTANCES (FT)					
		FRONT SLOPES			BACK SLOPES		
		1:6 OR FLATTER	1:5 to 1:4	1:3	1:3	1:5 to 1:4	1:6 OR FLATTER
35 MPH OR LESS	under 750	4-6	4-6		4-6	4-6	4-6
	750-1500	6-8	8-10		6-8	6-8	6-8
	1500-6000	6-8	10		8-10	8-10	8-10
35-50 MPH	under 750	6-8	6-10		4-6	4-6	6-8
	750-1500	10	10-14		6-8	8-10	10
	1500-6000	10-12	12-16		8-10	10	10-12
55 MPH	under 750	6-8	10-12	**	6	6-8	6-8
	750-1500	10-12	12-16	**	6-8	10	10-12
	1500-6000	12-14	16-18	**	10	10-12	12-14
60 MPH	under 750	10-12	12-16	**	10-12	12-14	14-16
	750-1500	12-16	16-20*	**	6-8	8-10	10
	1500-6000	16-18	20-24*	**	8-10	10-12	12-14
65-70 MPH	under 750	18-20*	22-28*	**	12-14	16	16-18
	750-1500	12	12-16	**	6-8	10	10
	1500-6000	16	18-22*	**	8-10	12	12-14
	over 6000	18-20*	22-26*	**	10-12	14-16	16-18
	over 6000	18-22*	24-28*	**	14-16	16-18	18

* Work zone clear zones may be limited to 18' for practicality
 ** Use guidance for permanent roadways found in latest edition of AASHTO Roadside Design Guide

- NOTES:
- All distances measured from edge of traveled way.
 - For work zone clear zones, the ADT will be the total ADT on two-way roadways and the directional ADT on one-way roadways. Traffic Volumes will be expected traffic volumes through the work zone.
 - The values for back slopes apply only to a section where the top of the back slope is adjacent to the shoulder. For roadside ditches, use permanent roadway guidance found in the most current edition of the AASHTO Roadside Design Guide.
 - Approach posted speed is approach posted speed prior to the work zone.



This standard drawing is for use on NMDOT projects. Others who use the NMDOT Standard Drawings do so at their own risk. Standard Drawings that are applicable to a specific project will be identified on the project plans, but will not be physically included in those plans. The designer who specifies a Standard Drawings accepts the responsibility of determining the applicability.

NO.	DATE	REV. BY	DESCRIPTION
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING			
TEMPORARY PRE-CAST WALL BARRIER FLARE RATES			
APPROVED: <i>A. Shuc</i>			4/31/17
DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____			
606-20-5/5			SHEET 5 OF 5

TEMPORARY PRE-CAST WALL BARRIER FLARE RATES
 606-20-5/5

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

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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 1/2 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 WB-1 sign ("BUMP" - B/FO), WB-7 sign ("LOOSE GRAVEL" - B/FO) and/or WB-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 Control A. MAINTENANCE OF TEMPORARY PAVEMENT MARKINGS FOR PROJECT DURATION

	LIST OF INCIDENTALS for Temporary Traffic Control
A.	MAINTENANCE OF TEMPORARY PAVEMENT MARKINGS FOR PROJECT DURATION

Traffic Control Management. The contractor shall be required to submit and obtain approval of a Traffic Control Permit prior to commencing any construction activities on the roadway. Along with the permit, the contractor will be required to submit a Traffic Control Plan that will reflect and coordinate the contractor's proposed construction phasing. These plans shall be prepared and sealed by a New Mexico Registered Professional Engineer. The plans shall be reviewed and approved by the District Three Traffic Engineer or designee. The NMDOT District Traffic Section reserves the right to make any changes to the traffic control plan to address site specific items that were not shown on the plans. The NMDOT also reserves the right to add traffic control devices to the approved plan if it is determined by the traffic engineer or designee that the additional devices would be required to address safety concerns within or in advance of the work zone. Any additional signs and/or devices will be considered incidental to item 618000 (Traffic Control Management) and no measurement or payment shall be made. The Traffic Control Permit along with the Traffic Control Plans shall be submitted to the NMDOT at least 10 working days prior to construction. The Traffic Control Plans shall be submitted on 11x17 sheets. A copy of the Traffic Control Permit (Right-of-Way Forms) may be obtained at the NMDOT website: <http://www.dot.state.nm.us/en/Infrastructure.html>

NO.	DATE	REV BY	DESCRIPTION
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING			
TEMPORARY TRAFFIC CONTROL GENERAL NOTES			
APPROVED:	<i>Afshin</i>		DATE: 12/10/15
DESIGNED BY:	DRAWN BY:	CHECKED BY:	
702-01-2/5			

TEMPORARY TRAFFIC CONTROL
GENERAL NOTES
702-01-2/5

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO

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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.

W1-2L-48	W1-2R-48	W1-4L-48	W1-4R-48	W1-4bR-48	W1-4bL-48
W1-4cR-48	W1-4cL-48	W1-6R-48	W1-6L-48	W3-4-48	W3-5-48
W4-2R-48	W4-2L-48	W5-1-48	W6-3-48	W8-1-48	W8-3-48
W8-7-48	W11-1-48	W11-2-48	W13-1-24-XX	W13-2-36-XX	W13-3-36-XX
W13-2-48-XX	W13-3-48-XX	W16-2-30	W20-7a-48	M4-9bL-30	M4-9bR-30
M4-9R-30	M4-9L-30	G20-1-48-24	G20-2-48	G20-4-36	

* THESE SIGNS REQUIRE APPROPRIATE DISTANCE INDICATION

(1/2 MILE, 1 MILE, 1500 FT., 750 FT., 500 FT., 350 FT.)

W8-6-48-XX	W20-1-48-XX	W20-2-48-XX	W20-4-48-XX
W20-5L-48-XX	W20-5R-48-XX	W21-5d-48-XX	W24-NM-17-48-XX

REGULATORY SIGNS:

R1-1-36 W/R, RL-RB	R1-2-36 W/R	R2-1-36-XX B/W	R2-1-48-XX B/W
R11-NM-2-48 B/W	R11-2-48 B/W	R11-3a-60 B/W	R11-4-60 B/W

SPECIAL SIGNS:

SP-10R-48 W/B, RB/RL	SP-10L-48 W/B, RB/RL

8 FT. TYPE III BARRICADES

BARRICADE SYMBOL

W1-6-48 OR M4-10R-48	W1-6-48 OR M4-10L-48
DEAD END B1-1 (RL)-96 (NO TURNS AVAILABLE)	DEAD END B1-1 (RL)-96 (LEFT & RIGHT TURNS AVAILABLE)

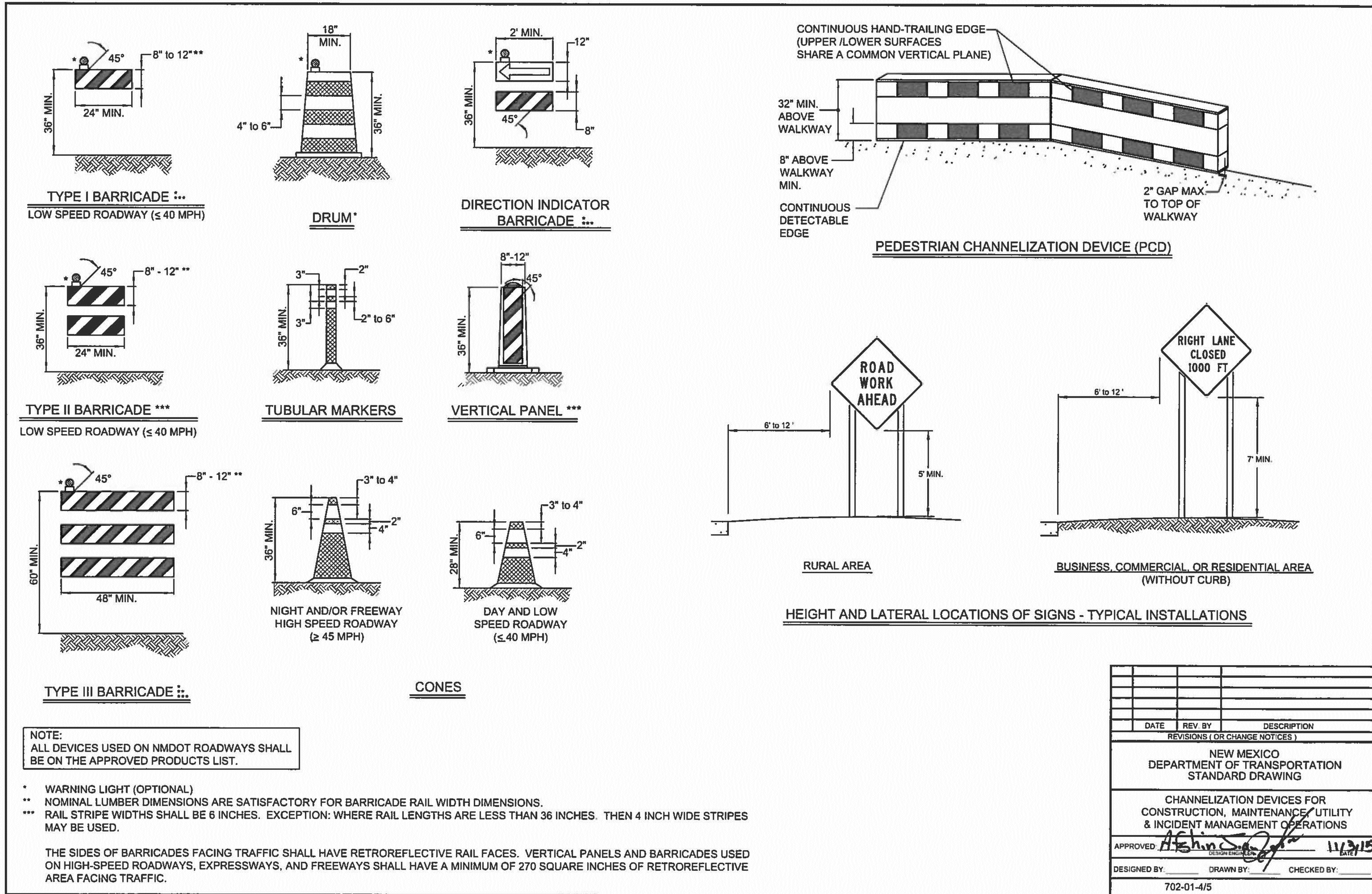
NO.	DATE	REV BY	DESCRIPTION
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING			
CONSTRUCTION & MAINTENANCE SIGN FACE DETAILS			
APPROVED: <i>A. Shin</i>			12/10/15
DESIGNED BY: _____			CHECKED BY: _____
702-01-3/5			

CONSTRUCTION & MAINTENANCE
SIGN FACE DETAILS
702-01-3/5

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
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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:	<i>A. Shin</i>	11/3/15
DESIGNED BY:	DRAWN BY:	CHECKED BY:
702-01-4/5		

REV NO.	REV DATE	DESCRIPTION
PROJECT NUMBER:	VAL151-12	
DESIGNED BY:	NMDOT	
DRAWN BY:	NMDOT	
CHECKED BY:	NMDOT	
PROJ. ENG.:	NMDOT	
PROJECT DATE:	AUGUST 2017	

CHANNELIZATION DEVICES FOR CONSTRUCTION,
 MAINTENANCE, UTILITY & INCIDENT MANAGEMENT OPERATIONS
 702-01-4/5
 MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

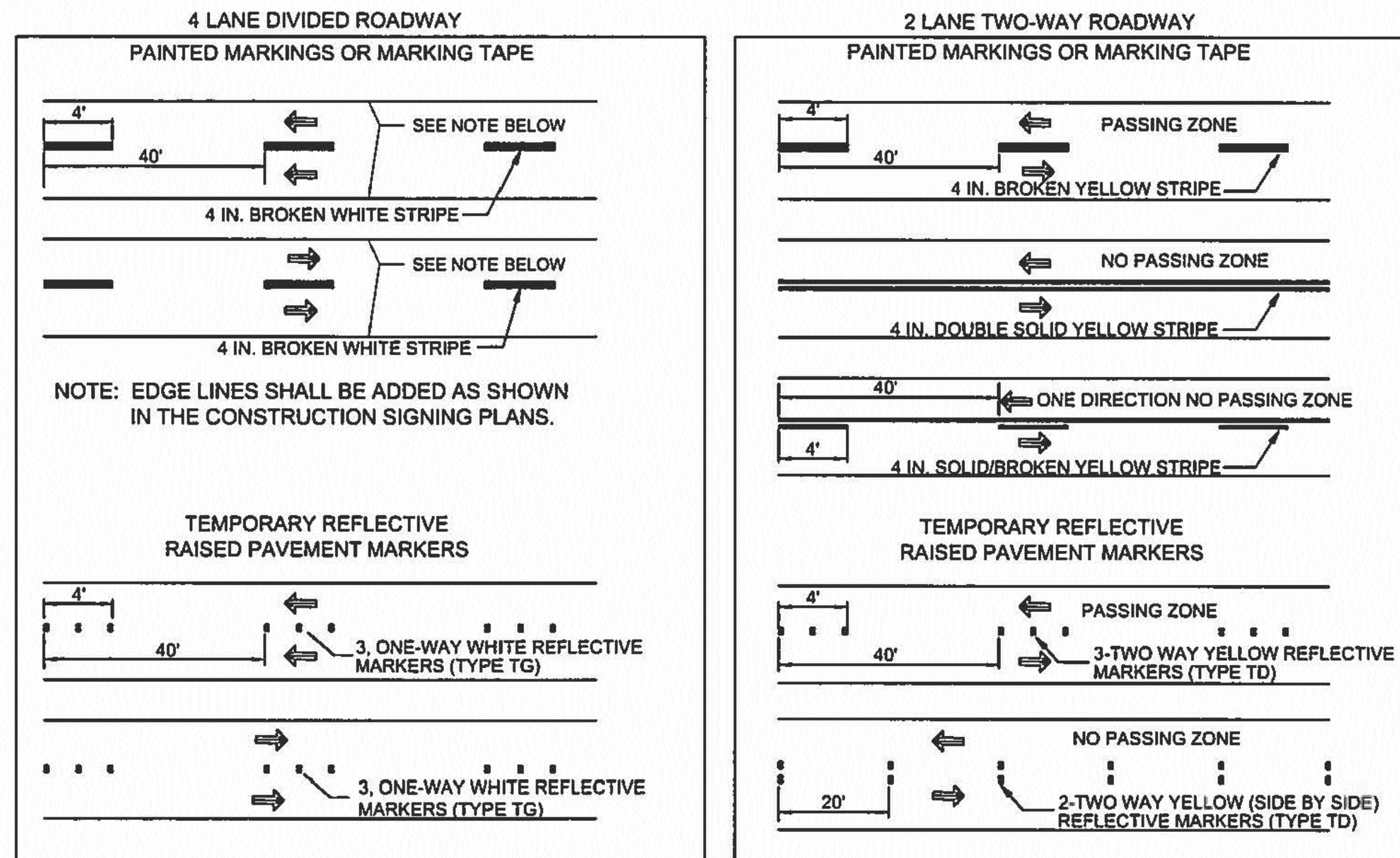
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REV. NO.	REV. DATE	DESCRIPTION
PROJECT NUMBER:	VAL151-12	
DESIGNED BY:	NMDOT	
DRAWN BY:	NMDOT	
CHECKED BY:	NMDOT	
PROJ. ENG.:	NMDOT	
PROJECT DATE:	AUGUST 2017	

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)



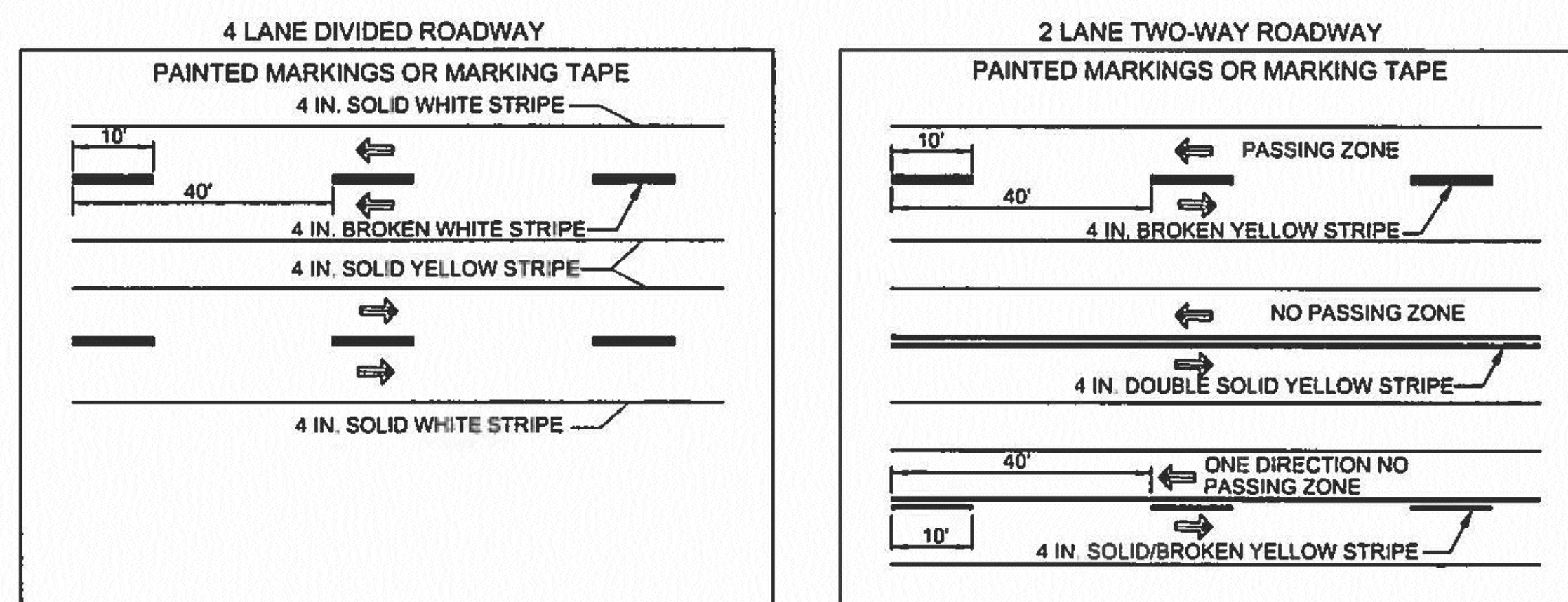
GENERAL NOTES

WORK ZONE INTERIM MARKINGS:

- 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.
- 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 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.
- 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.
- On roadways with severe 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 where 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.
- 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.

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)



NO.	DATE	REV. BY	DESCRIPTION
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NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING			
TEMPORARY TRAFFIC MARKINGS FOR CONSTRUCTION			
APPROVED	DESIGN ENGINEER		DATE
DESIGNED BY		DRAWN BY	CHECKED BY
702-01-5/5			

TEMPORARY TRAFFIC MARKINGS FOR CONSTRUCTION 702-01-5/5

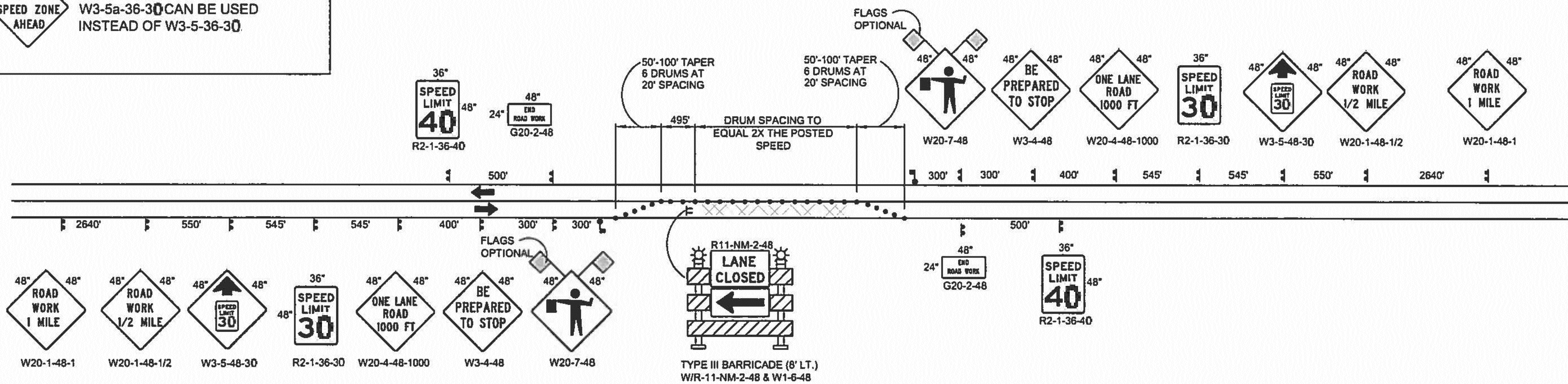
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SUMMARY
 FILENAME

36" 36"
 30 MPH
 SPEED ZONE
 AHEAD
 NOTE:
 W3-5a-36-30 CAN BE USED
 INSTEAD OF W3-5-36-30



TYPICAL SIGNING AND DRUM PLACEMENT
 WORKING HOURS - FOR DETOUR CONNECTIONS AND OBLITERATION

LONGITUDINAL BUFFER

SPEED (MPH)	LENGTH (FEET)	DRUMS (EACH)	SPACING (FEET)
45	360 MIN.	8	45 (MAX)

* DEVICE SPACING MAY BE REDUCED AND ADDITIONAL DEVICES USED AS NEEDED.

LEGEND:

- TYPE B WARNING LIGHT
- FLAGGER STATION
- FLUORESCENT ORANGE FLAG

NOTES:

- 1.) DURING CONSTRUCTION OPERATION (ONE LANE TRAFFIC), TRAFFIC SHALL BE MOVED THROUGH THE WORK ZONE USING PILOT CARS. ALL PILOT CARS SHALL BE EQUIPPED WITH THE FOLLOWING SIGNS AND RADIO FOR FLAGMAN & PILOT CARS.



THE PILOT CAR, APPLICABLE SIGN, AND OTHER ITEMS RELATED TO THE USE OF THE PILOT CAR SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION. NO PAYMENT OR MEASUREMENT WILL BE MADE THEREFORE.

- 2.) AT THE END OF THE WORKING DAY, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A DRIVING SURFACE FREE OF OBSTRUCTION (TWO WAY TRAFFIC).
- 3.) BUFFERS SHOULD BE ADJUSTED TO INCREASE VISIBILITY OF FLAGGER STATIONS.
- 4.) TO ENHANCE VISIBILITY OF WORK ZONE USE 48"X48" WARNING SIGNS.

NO	DATE	REV. BY	DESCRIPTION
REVISIONS (OR CHANGE NOTICES)			
NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWING			
TWO LANE ROADWAY WITH ONE-LANE CLOSURE, FLAGMAN, PILOT CAR (40 MPH)			
APPROVED			11/15/15 DATE
702-11-2/2			

DRAWING SCALE: NOT TO SCALE

TWO LANE ROADWAY WITH ONE-LANE
 CLOSURE, FLAGMAN, PILOT CAR (45 MPH)
 702-11-2/2

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

PLOT DATE: 8/17/2017 4:38 PM
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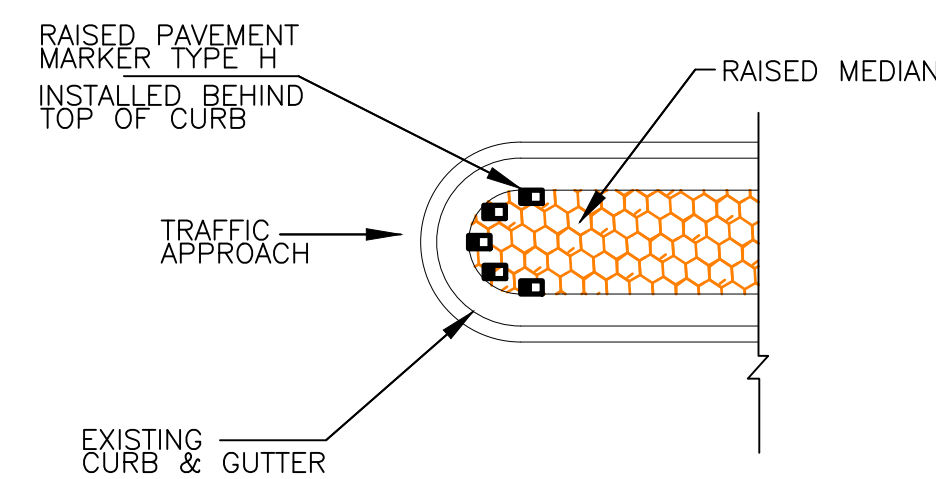


PERMANENT SIGNING & STRIPING NOTES

- ALL REGULATORY, WARNING, SPECIAL, AND GUIDE SIGNS SHALL COMPLY WITH IDD-2014-03 – SIGN SHEETING REQUIREMENTS. LEGEND AND BACKGROUND TO BE SAME SHEETING TYPE.
- ONLY 0.125 INCHES THICK ALUMINUM PANEL SIGNS ARE PERMITTED FOR WARNING AND REGULATORY SIGNS.
- ANTI GRAFFITI COATING, WITH UV INHIBITOR, SHALL BE APPLIED ON ALL REGULATORY, WARNING, GUIDE, AND SPECIAL SIGNS.
- QUANTITIES MAY VARY AS FIELD CONDITIONS DICTATE. THE CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES USED AS APPROVED BY PROJECT MANAGER.
- EACH SIGN FACE SHOWN ON PLANS SHALL MEET THE SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS MANUAL (CURRENT EDITION) FOR PROPER ARRANGEMENT, SPACING OF LETTERS, LETTER HEIGHT, SYMBOLS AND BORDERS FOR THE SPECIFIED SIZE AND MESSAGE AS SHOWN ON PLANS. ALL SPECIAL SIGN FACE DETAILS SHALL BE SUBMITTED TO THE NMDOT FOR REVIEW AND APPROVAL.
- POST LENGTHS ARE BASED ON A MINIMUM OF 5 FT FOR RURAL ROADWAY SECTIONS TO A MINIMUM OF 7 FT FOR URBAN AND INTERSTATE ROADWAY SECTIONS. THE LENGTHS ARE MEASURED FROM THE BOTTOM OF THE SIGN TO NEAR EDGE OF THE DRIVING LANE.
- ALL SIGNING HARDWARE, INCLUDING, BUT NOT LIMITED TO, BRACKETS, BANDING, BUCKLES, FASTENERS, SCREWS, AND WASHERS, ETC. ARE CONSIDERED INCIDENTAL TO SIGN INSTALLATION. THEREFORE, NO PAYMENT WILL BE MADE.
- THREE 4 LB/FT SIGN POST INSTALLATION APPROVED ONLY IF THE SPAN BETWEEN THE OUTER POSTS EXCEEDS 84" (SIGN WIDTH OF 96" OR GREATER).
- 3'- 6" BASE POSTS ARE REQUIRED FOR ALL SMALL SIGN POSTS. SEE STANDARD DRAWING 701-02-1/3 FOR DETAILS. BASE POSTS SHALL BE 2.5" X 2.5" SQUARE.
- SIGN POSTS SHALL BE 2.25"X2.25" SQUARE TUBING OR AS APPROVED BY THE PROJECT MANAGER, THE DISTRICT TRAFFIC ENGINEER OR HIS/HER DESIGNEE.
- THE LATERAL CLEARANCE OF SIGNS SHALL BE NO CLOSER THAN THE 6 FT FROM THE EDGE OF SHOULDER OR 12 FT FROM THE EDGE OF TRAVELED WAY FOR RURAL AREAS AND NO CLOSER THAN 2 FT FROM FACE OF CURB FOR URBAN AREAS
- CONTRACTOR SHALL FIELD VERIFY ALL SIGNING, TEXT, AND LOCATIONS PRIOR TO FABRICATION AND INSTALLATION. NEW SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT MANAGER OR THE DISTRICT TRAFFIC ENGINEER.
- THE THERMOPLASTIC PAVEMENT MARKING SHALL BE APPLIED AT A THICKNESS OF 90 MIL. THE APPROVED THERMOPLASTIC MARKING APPLICATION METHOD SHALL BE EITHER GRAVITY EXTRUSION OR RIBBON APPLICATION.
- THE CONTRACTOR SHALL MARK ALL LOCATIONS IN THE FIELD IN WHICH PAVEMENT MARKINGS, SUCH AS LEGENDS, ARROWS, CROSSWALKS, STOP BARS, ETC. ARE TO BE PLACED. THIS PAVEMENT MARKING LAYOUT SHALL BE CONSIDERED INCIDENTAL. THE CONTRACTOR SHALL OBTAIN CONCURRENCE FROM THE DISTRICT TRAFFIC ENGINEER (OR HIS/HER DESIGNEE) BEFORE THE FINAL MARKINGS ARE APPLIED.
- WATER BLASTING IS THE ONLY APPROVED METHOD OF EXISTING STRIPE REMOVAL WITHIN DISTRICT THREE. THE USE OF BLACK PAINT AS A METHOD OF REMOVING OR COVERING EXISTING STRIPING IS STRICTLY PROHIBITED. WHEN WATER BLASTING ON OPEN GRADED FRICTION COURSE (OGFC) OR ON THE FINAL LIFT OF THE EXISTING PAVEMENT, THE CONTRACTOR SHALL APPLY A SEAL TO THE WATER BLASTED AREA AND SEAL SHALL BE INCIDENTAL TO REMOVAL OF PAVEMENT STRIPE.

LIST OF INCIDENTALS (NO ADDITIONAL PAYMENT ASSOCIATED):

	LIST OF INCIDENTALS for Permanent Striping and Signing
A.	ALL SIGNING HARDWARE, INCLUDING, BUT NOT LIMITED TO, BRACKETS, BANDING, BUCKLES, FASTENERS, SCREWS, WASHERS, ETC.
B.	PAVEMENT MARKING LAYOUT
C.	SEAL APPLIED TO PAVEMENT AFTER STRIPE REMOVAL



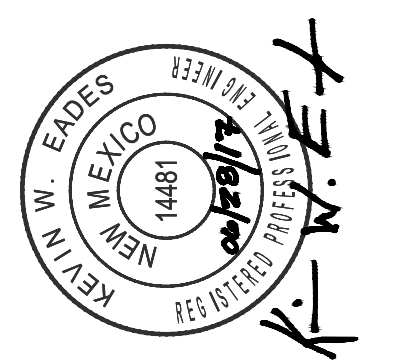
**RAISED PAVEMENT MARKERS
 TYPICAL INSTALLATION**
 SEE PLANS FOR LOCATIONS

PERMANENT SIGNING AND STRIPING
 GENERAL NOTES AND SCHEDULES

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

NOTICE OF EXTENDED PAYMENT PROVISION:
 THIS CONTRACT ALLOWS THE OWNER TO MAKE
 PAYMENT WITHIN 45 DAYS AFTER SUBMISSION
 OF AN UNDISPUTED REQUEST FOR PAYMENT

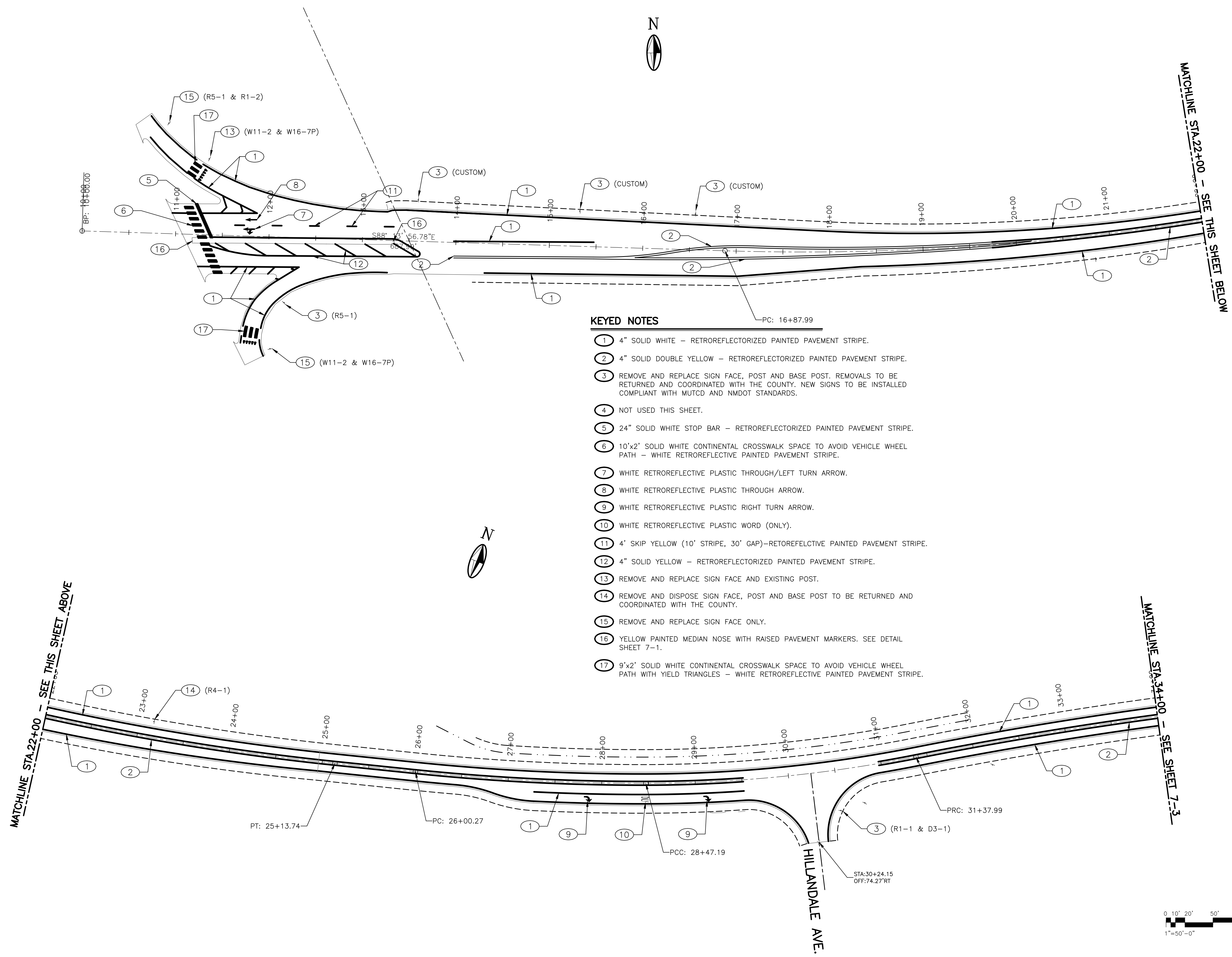
NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION
		PROJECT NUMBER: VAL151-12
		DESIGNED BY: JA
		DRAWN BY: JSL
		CHECKED BY: KWE
		PROJ. ENG: JA
		PROJECT DATE: JUNE 2017

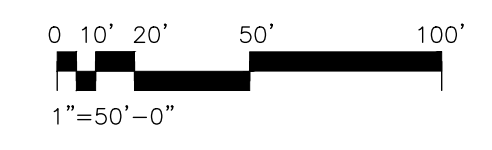
PERMANENT SIGNING AND STRIPING PLAN
 B.O.P. STA.11+07.25 TO STA. 34+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO



- KEYED NOTES**
- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
 - ② 4" SOLID DOUBLE YELLOW - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
 - ③ REMOVE AND REPLACE SIGN FACE, POST AND BASE POST. REMOVALS TO BE RETURNED AND COORDINATED WITH THE COUNTY. NEW SIGNS TO BE INSTALLED COMPLIANT WITH MUTCD AND NMDOT STANDARDS.
 - ④ NOT USED THIS SHEET.
 - ⑤ 24" SOLID WHITE STOP BAR - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
 - ⑥ 10'x2' SOLID WHITE CONTINENTAL CROSSWALK SPACE TO AVOID VEHICLE WHEEL PATH - WHITE RETROREFLECTIVE PAINTED PAVEMENT STRIPE.
 - ⑦ WHITE RETROREFLECTIVE PLASTIC THROUGH/LEFT TURN ARROW.
 - ⑧ WHITE RETROREFLECTIVE PLASTIC THROUGH ARROW.
 - ⑨ WHITE RETROREFLECTIVE PLASTIC RIGHT TURN ARROW.
 - ⑩ WHITE RETROREFLECTIVE PLASTIC WORD (ONLY).
 - ⑪ 4' SKIP YELLOW (10' STRIPE, 30' GAP)-RETROREFLECTIVE PAINTED PAVEMENT STRIPE.
 - ⑫ 4" SOLID YELLOW - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
 - ⑬ REMOVE AND REPLACE SIGN FACE AND EXISTING POST.
 - ⑭ REMOVE AND DISPOSE SIGN FACE, POST AND BASE POST TO BE RETURNED AND COORDINATED WITH THE COUNTY.
 - ⑮ REMOVE AND REPLACE SIGN FACE ONLY.
 - ⑯ YELLOW PAINTED MEDIAN NOSE WITH RAISED PAVEMENT MARKERS. SEE DETAIL SHEET 7-1.
 - ⑰ 9'x2' SOLID WHITE CONTINENTAL CROSSWALK SPACE TO AVOID VEHICLE WHEEL PATH WITH YIELD TRIANGLES - WHITE RETROREFLECTIVE PAINTED PAVEMENT STRIPE.

PLOT DATE: 6/28/2017 1:12 PM
 P:\VALENCIA_COUNTY\VAL151-12 MANZANO EXPRESSWAY PHASE II\DWG5\CVC-702



*NOTICE OF EXTENDED PAYMENT PROVISION:
 THIS CONTRACT ALLOWS THE OWNER TO MAKE
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 OF AN UNDISPUTED REQUEST FOR PAYMENT*

NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH

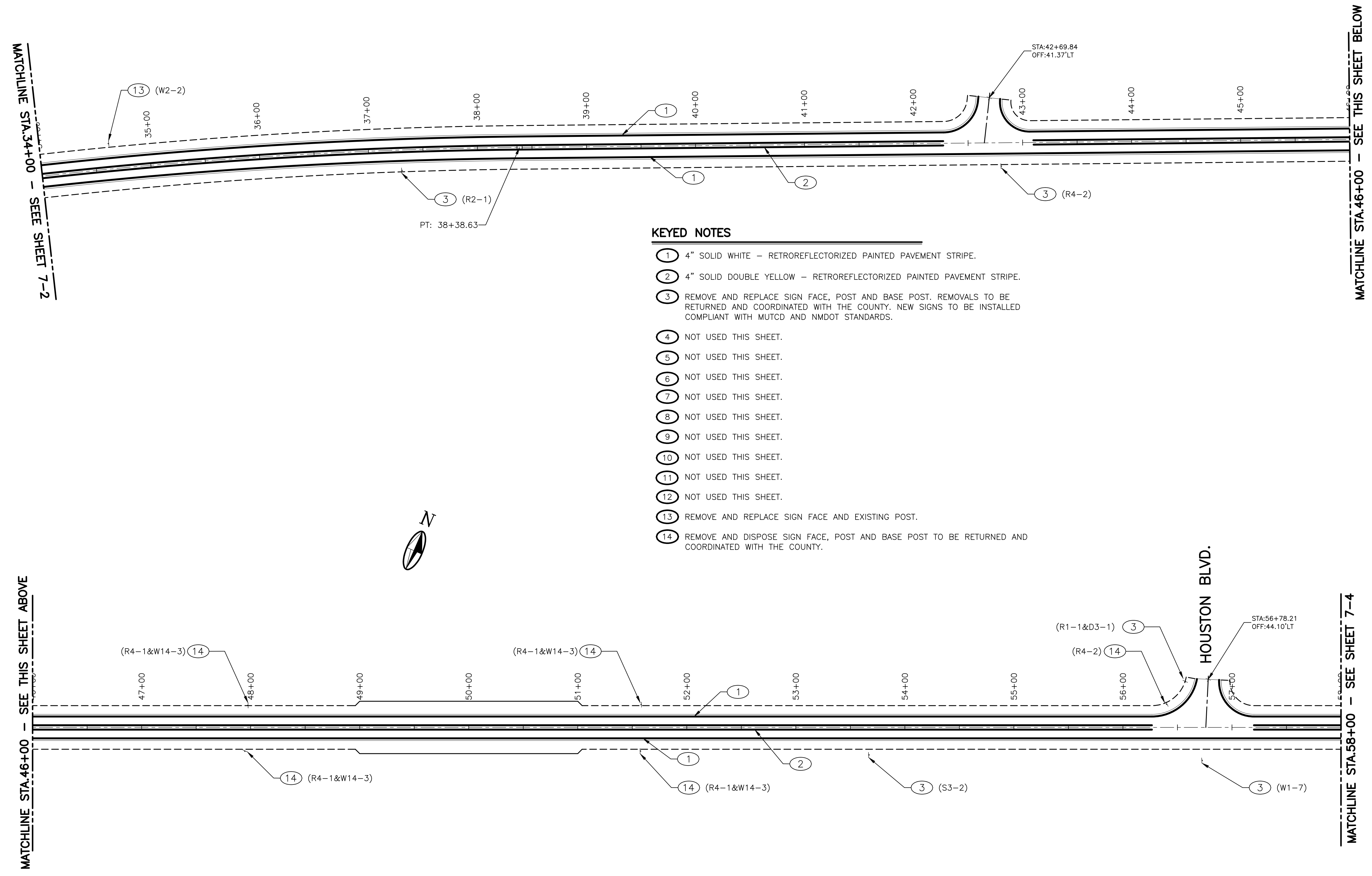


REV. NO.	REV. DATE	DESCRIPTION

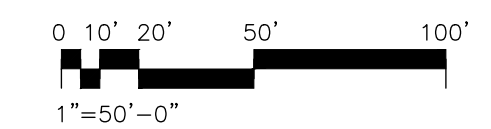
PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG:	JA
PROJECT DATE:	JUNE 2017

PERMANENT SIGNING AND STRIPING PLAN
 STA. 34+00 TO STA. 58+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO



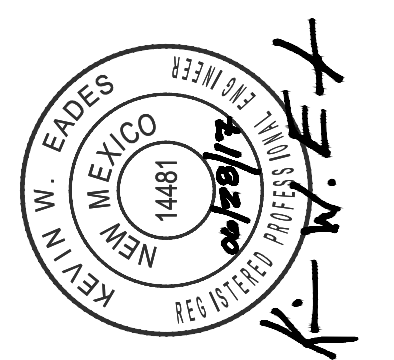
- KEYED NOTES**
- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
 - ② 4" SOLID DOUBLE YELLOW - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
 - ③ REMOVE AND REPLACE SIGN FACE, POST AND BASE POST. REMOVALS TO BE RETURNED AND COORDINATED WITH THE COUNTY. NEW SIGNS TO BE INSTALLED COMPLIANT WITH MUTCD AND NMDOT STANDARDS.
 - ④ NOT USED THIS SHEET.
 - ⑤ NOT USED THIS SHEET.
 - ⑥ NOT USED THIS SHEET.
 - ⑦ NOT USED THIS SHEET.
 - ⑧ NOT USED THIS SHEET.
 - ⑨ NOT USED THIS SHEET.
 - ⑩ NOT USED THIS SHEET.
 - ⑪ NOT USED THIS SHEET.
 - ⑫ NOT USED THIS SHEET.
 - ⑬ REMOVE AND REPLACE SIGN FACE AND EXISTING POST.
 - ⑭ REMOVE AND DISPOSE SIGN FACE, POST AND BASE POST TO BE RETURNED AND COORDINATED WITH THE COUNTY.



PLT DATE: 6/28/2017 1:12 PM
 P:\VALENCIA_COUNTY\VAL151-12 MANZANO EXPRESSWAY PHASE II\DWG\CYC-703

*NOTICE OF EXTENDED PAYMENT PROVISION:
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NUMERIC SCALE CONFIRMATION
DRAWINGS ARE DEPICTED AT INTENDED
NUMERIC SCALES
IF THIS BAR EQUALS ONE INCH

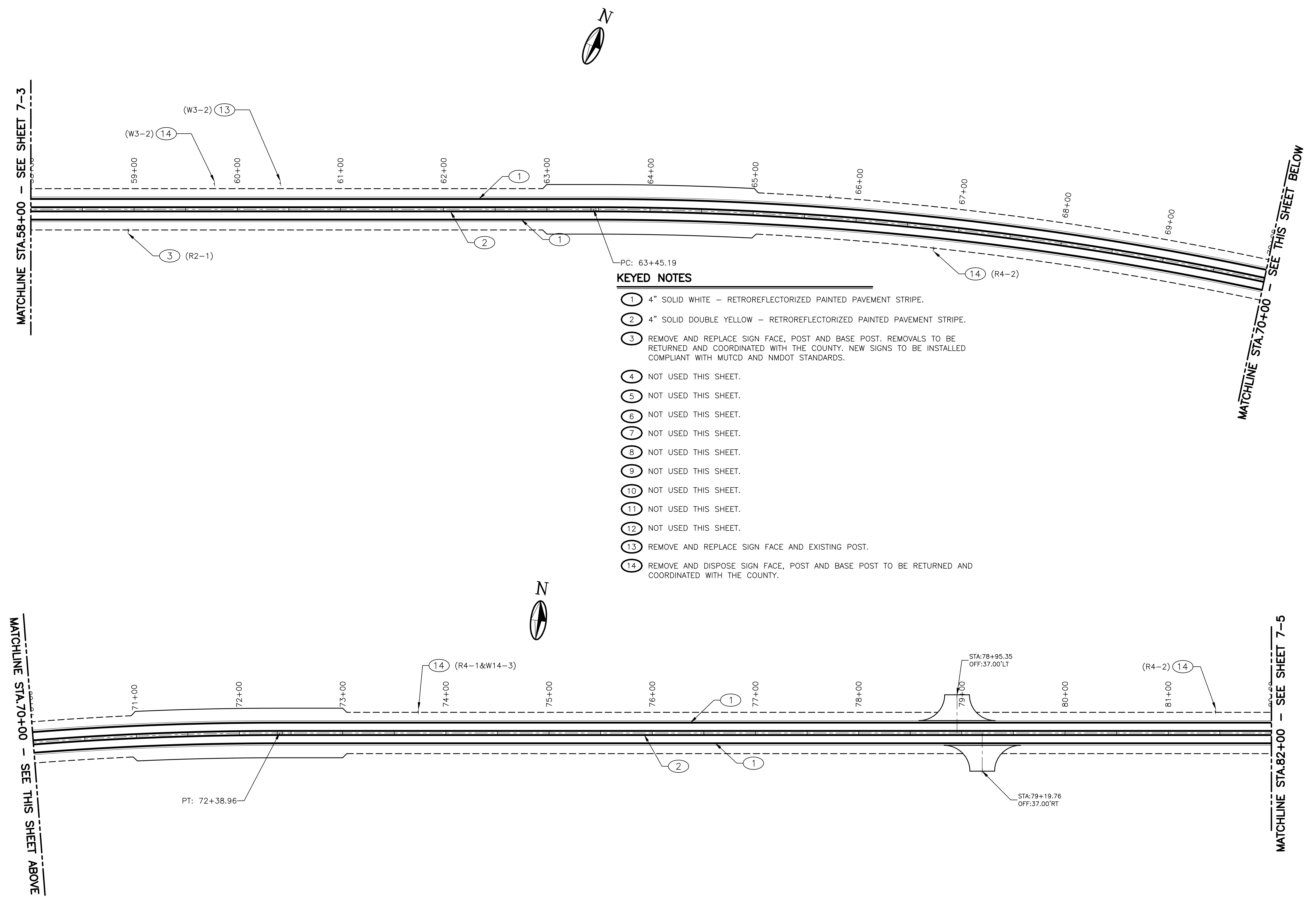


REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
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DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PERMANENT SIGNING AND STRIPING PLAN
STA. 58+00 TO STA. 84+00

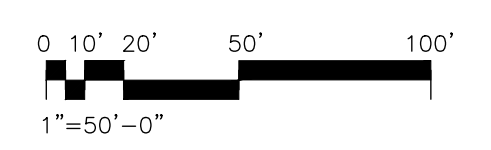
MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
VALENCIA COUNTY
VALENCIA COUNTY, NEW MEXICO



KEYED NOTES

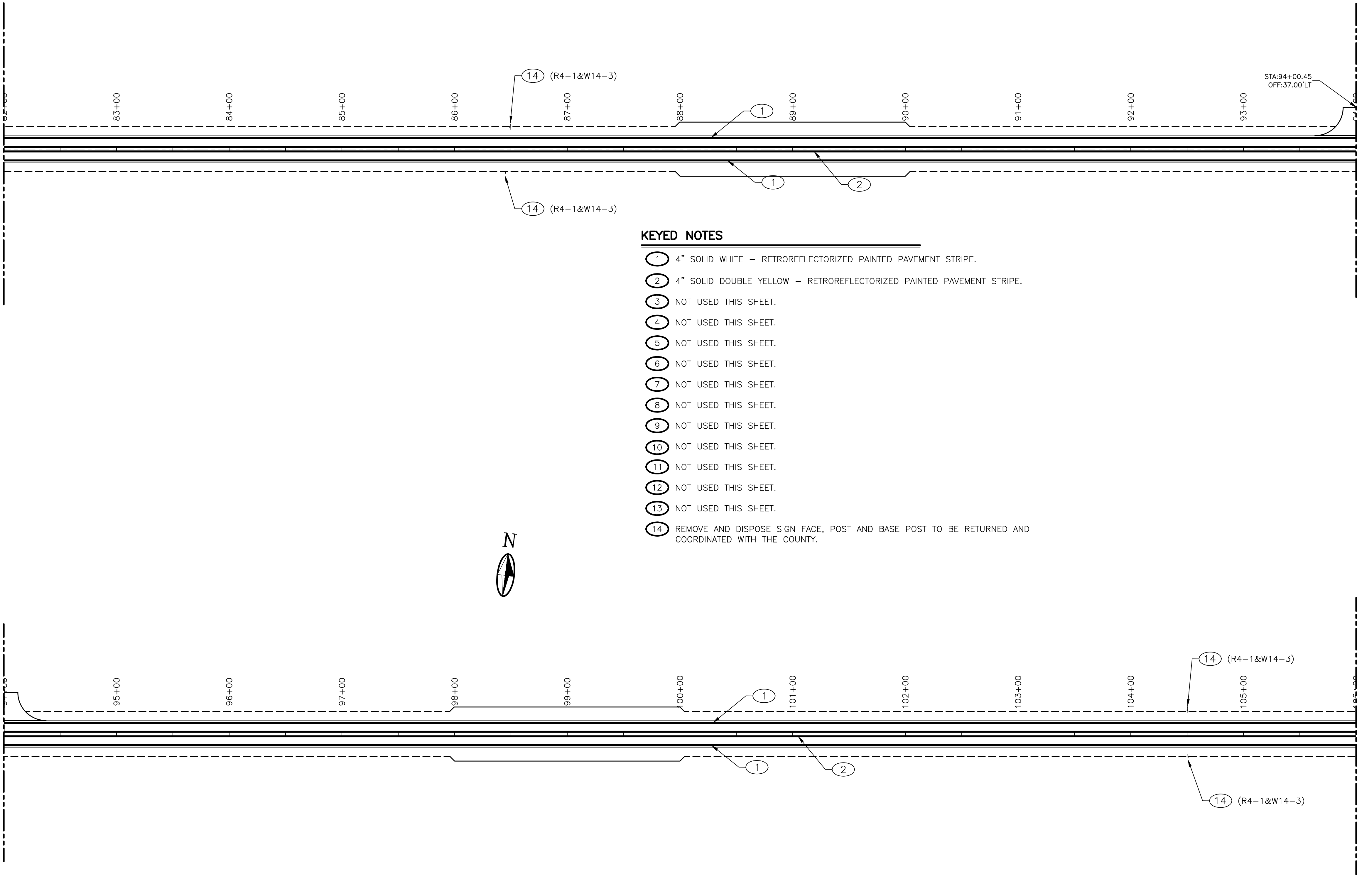
- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ② 4" SOLID DOUBLE YELLOW - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ③ REMOVE AND REPLACE SIGN FACE, POST AND BASE POST. REMOVALS TO BE RETURNED AND COORDINATED WITH THE COUNTY. NEW SIGNS TO BE INSTALLED COMPLIANT WITH MUTCD AND NMDOT STANDARDS.
- ④ NOT USED THIS SHEET.
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- ⑫ NOT USED THIS SHEET.
- ⑬ REMOVE AND REPLACE SIGN FACE AND EXISTING POST.
- ⑭ REMOVE AND DISPOSE SIGN FACE, POST AND BASE POST TO BE RETURNED AND COORDINATED WITH THE COUNTY.

PLT DATE: 6/28/2017 1:12 PM
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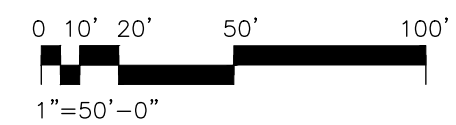
MATCHLINE STA.82+00 - SEE SHEET 7-4

MATCHLINE STA.94+00 - SEE THIS SHEET ABOVE



KEYED NOTES

- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ② 4" SOLID DOUBLE YELLOW - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ③ NOT USED THIS SHEET.
- ④ NOT USED THIS SHEET.
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- ⑥ NOT USED THIS SHEET.
- ⑦ NOT USED THIS SHEET.
- ⑧ NOT USED THIS SHEET.
- ⑨ NOT USED THIS SHEET.
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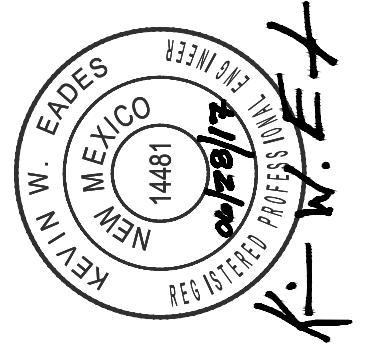


MOLZENCORBIN

2701 Miles Road SE
 Albuquerque, New Mexico 87106
 505 242 5700 office
 505 242 0673 fax
 MolzenCorbin.com

NOTICE OF EXTENDED PAYMENT PROVISION:
 THIS CONTRACT ALLOWS THE OWNER TO MAKE
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 OF AN UNDISPUTED REQUEST FOR PAYMENT

NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



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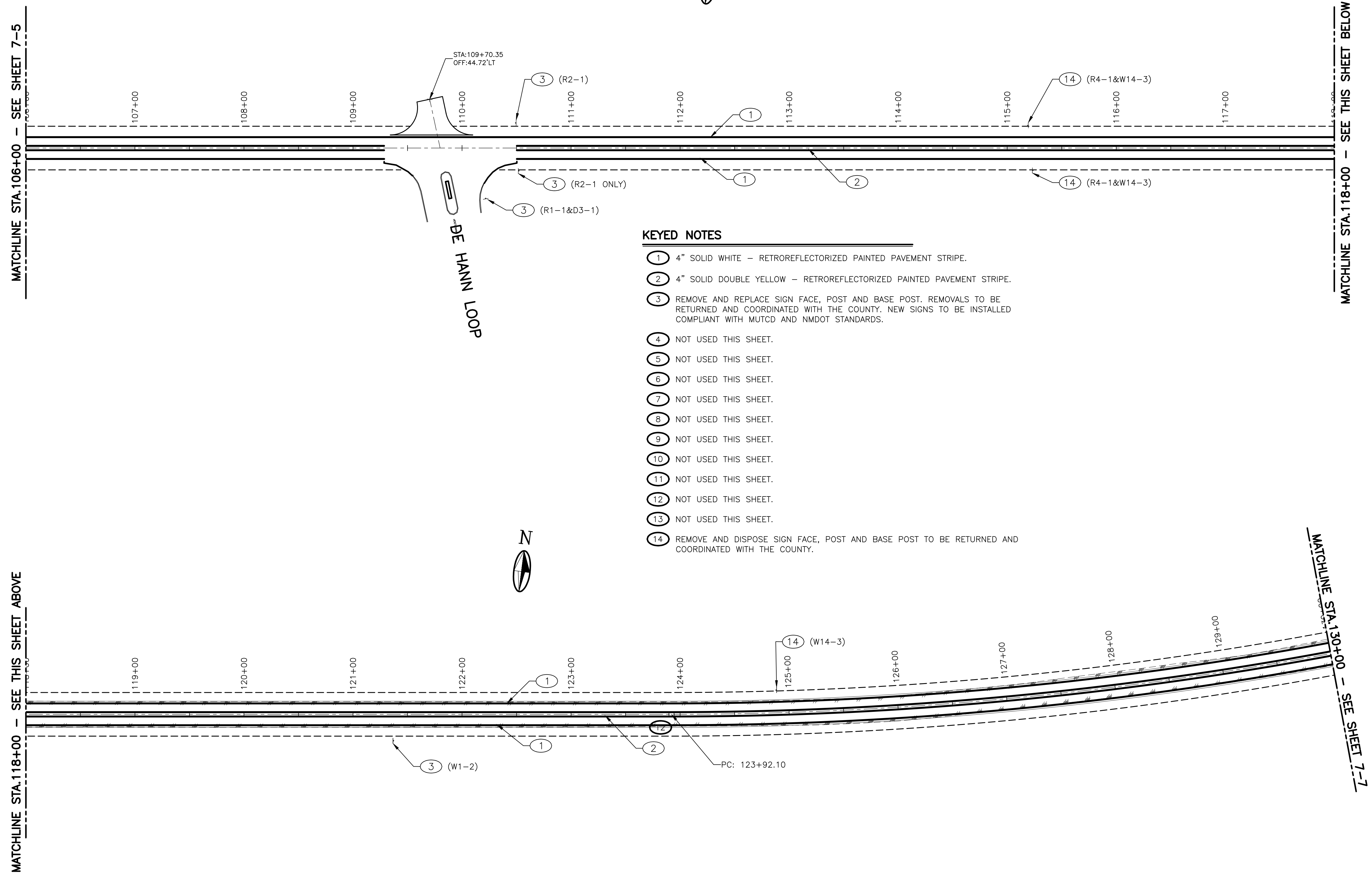
PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG:	JA
PROJECT DATE:	JUNE 2017

PERMANENT SIGNING AND STRIPING PLAN
 STA.84+00 TO STA.106+00

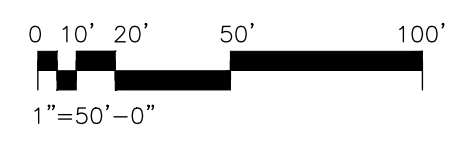
MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

7-5

SHEET



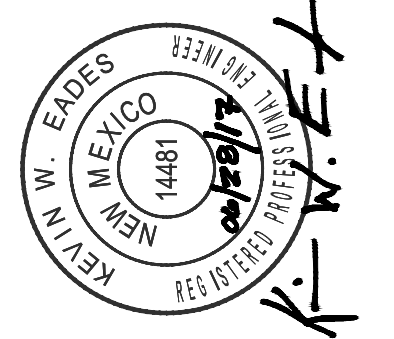
- KEYED NOTES**
- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
 - ② 4" SOLID DOUBLE YELLOW - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
 - ③ REMOVE AND REPLACE SIGN FACE, POST AND BASE POST. REMOVALS TO BE RETURNED AND COORDINATED WITH THE COUNTY. NEW SIGNS TO BE INSTALLED COMPLIANT WITH MUTCD AND NMDOT STANDARDS.
 - ④ NOT USED THIS SHEET.
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 - ⑧ NOT USED THIS SHEET.
 - ⑨ NOT USED THIS SHEET.
 - ⑩ NOT USED THIS SHEET.
 - ⑪ NOT USED THIS SHEET.
 - ⑫ NOT USED THIS SHEET.
 - ⑬ NOT USED THIS SHEET.
 - ⑭ REMOVE AND DISPOSE SIGN FACE, POST AND BASE POST TO BE RETURNED AND COORDINATED WITH THE COUNTY.



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PERMANENT SIGNING AND STRIPING PLAN
 STA. 106+00 TO STA. 130+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

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NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
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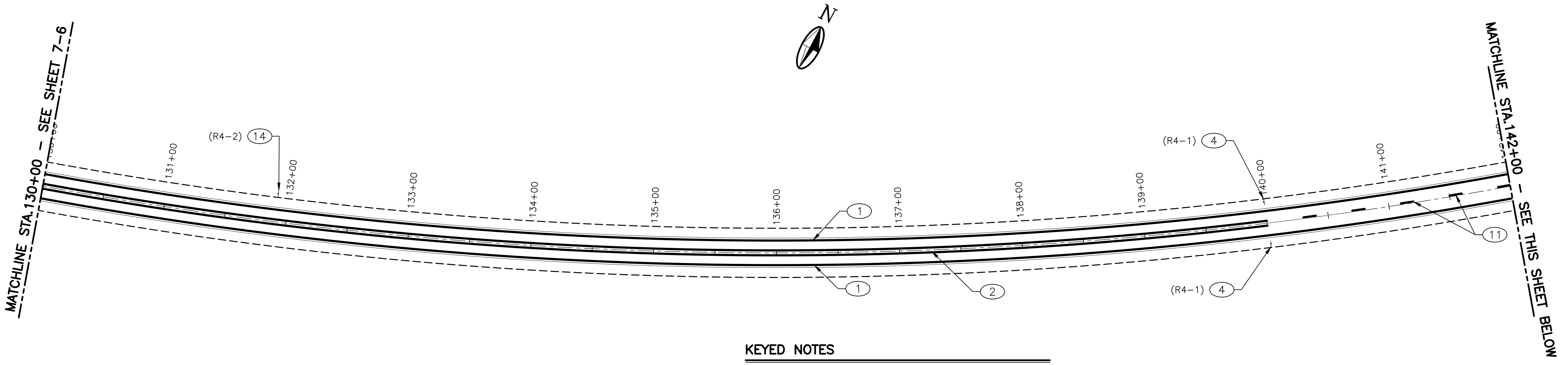


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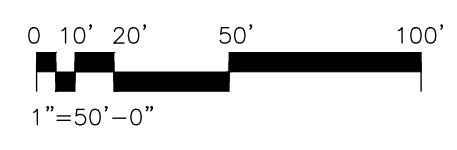
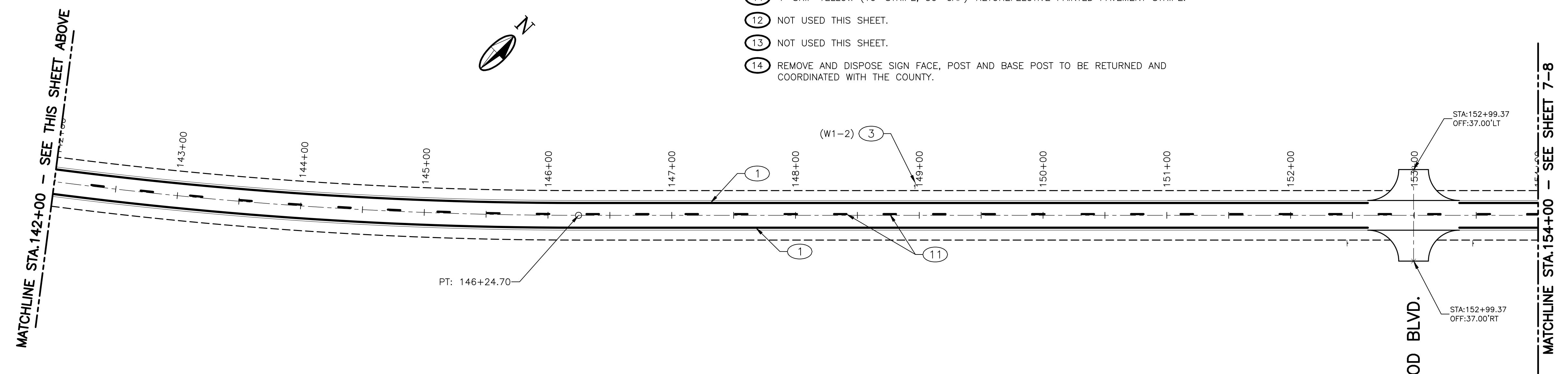
PERMANENT SIGNING AND STRIPING PLAN
 STA. 130+00 TO STA. 154+00

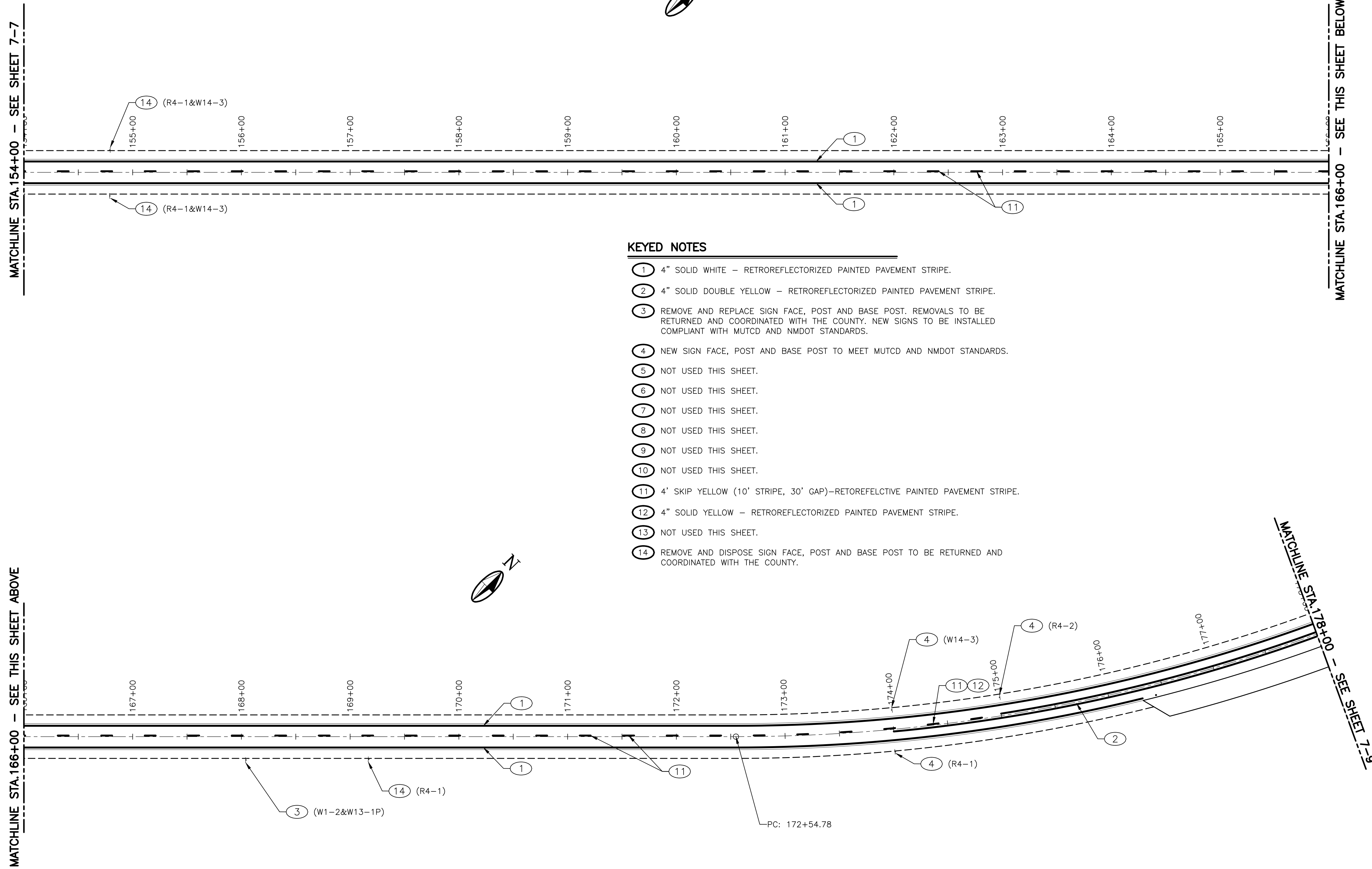
MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO



KEYED NOTES

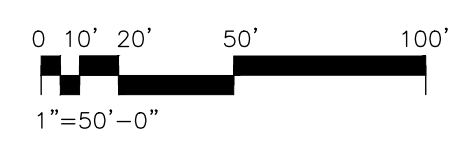
- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
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- ④ NEW SIGN FACE, POST AND BASE POST TO MEET MUTCD AND NMDOT STANDARDS.
- ⑤ NOT USED THIS SHEET.
- ⑥ NOT USED THIS SHEET.
- ⑦ NOT USED THIS SHEET.
- ⑧ NOT USED THIS SHEET.
- ⑨ NOT USED THIS SHEET.
- ⑩ NOT USED THIS SHEET.
- ⑪ 4' SKIP YELLOW (10' STRIPE, 30' GAP)-RETOREFELCTIVE PAINTED PAVEMENT STRIPE.
- ⑫ NOT USED THIS SHEET.
- ⑬ NOT USED THIS SHEET.
- ⑭ REMOVE AND DISPOSE SIGN FACE, POST AND BASE POST TO BE RETURNED AND COORDINATED WITH THE COUNTY.





KEYED NOTES

- ① 4" SOLID WHITE – RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ② 4" SOLID DOUBLE YELLOW – RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ③ REMOVE AND REPLACE SIGN FACE, POST AND BASE POST. REMOVALS TO BE RETURNED AND COORDINATED WITH THE COUNTY. NEW SIGNS TO BE INSTALLED COMPLIANT WITH MUTCD AND NMDOT STANDARDS.
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- ⑤ NOT USED THIS SHEET.
- ⑥ NOT USED THIS SHEET.
- ⑦ NOT USED THIS SHEET.
- ⑧ NOT USED THIS SHEET.
- ⑨ NOT USED THIS SHEET.
- ⑩ NOT USED THIS SHEET.
- ⑪ 4' SKIP YELLOW (10' STRIPE, 30' GAP)–RETREFELCTIVE PAINTED PAVEMENT STRIPE.
- ⑫ 4" SOLID YELLOW – RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ⑬ NOT USED THIS SHEET.
- ⑭ REMOVE AND DISPOSE SIGN FACE, POST AND BASE POST TO BE RETURNED AND COORDINATED WITH THE COUNTY.



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NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



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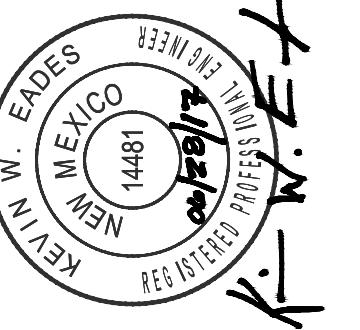
PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG:	JA
PROJECT DATE:	JUNE 2017

PERMANENT SIGNING AND STRIPING PLAN
 STA. 154+00 TO STA. 178+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

NOTICE OF EXTENDED PAYMENT PROVISION:
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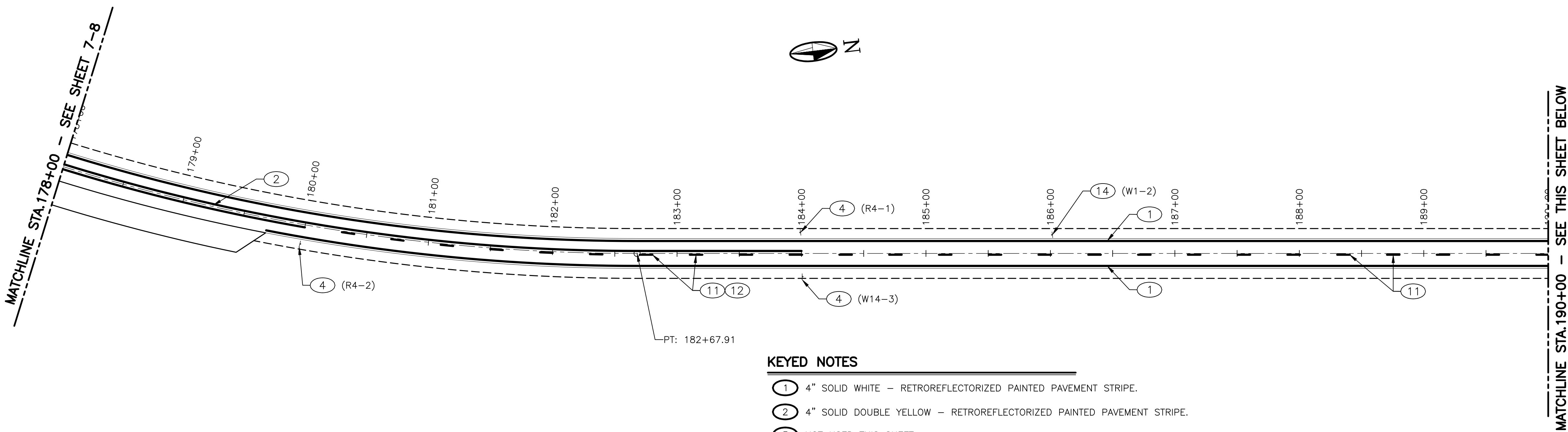


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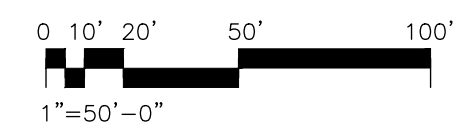
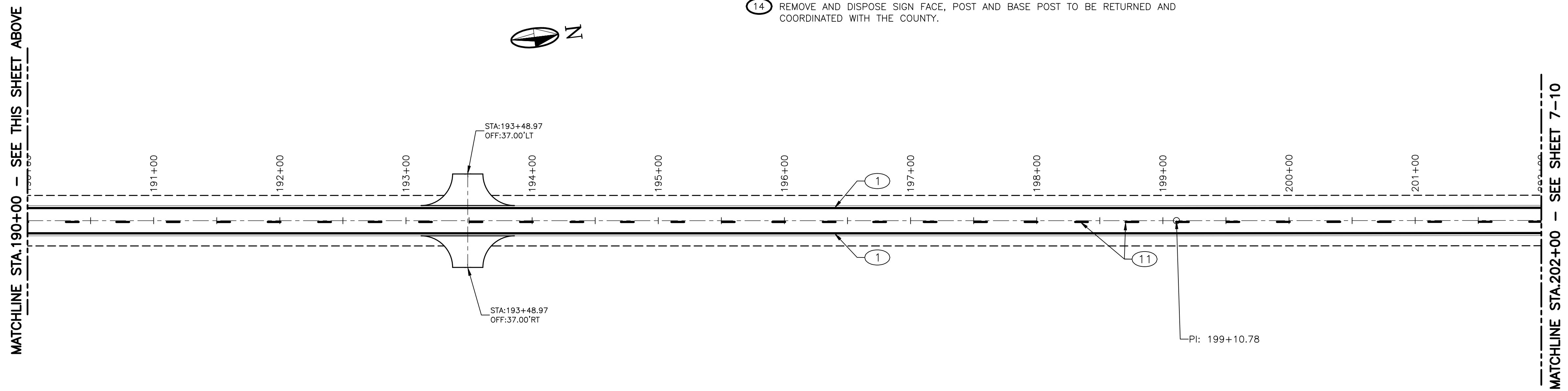
PERMANENT SIGNING AND STRIPING PLAN
 STA.178+00 TO STA.202+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO



KEYED NOTES

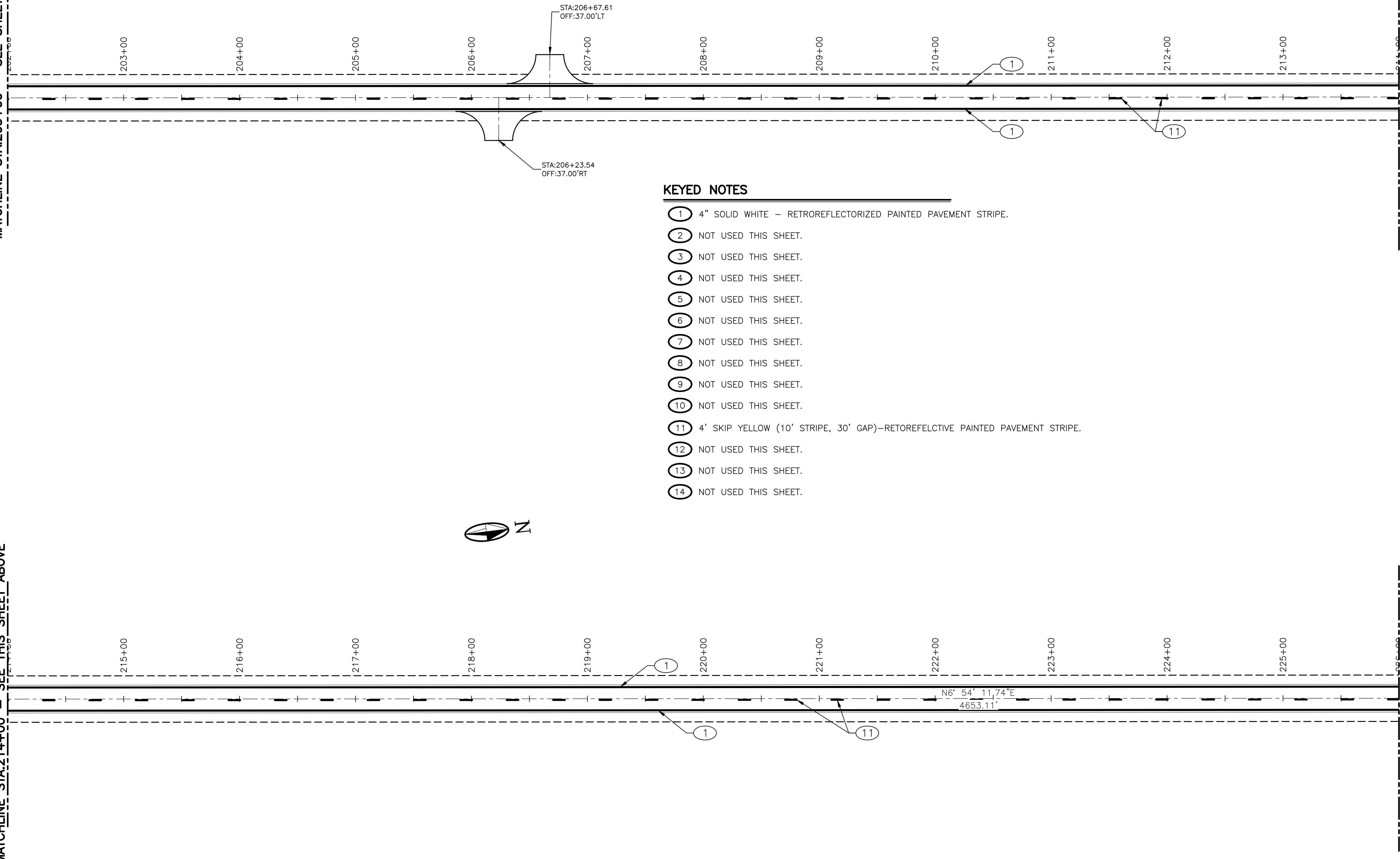
- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ② 4" SOLID DOUBLE YELLOW - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ③ NOT USED THIS SHEET.
- ④ NEW SIGN FACE, POST AND BASE POST TO MEET MUTCD AND NMDOT STANDARDS.
- ⑤ NOT USED THIS SHEET.
- ⑥ NOT USED THIS SHEET.
- ⑦ NOT USED THIS SHEET.
- ⑧ NOT USED THIS SHEET.
- ⑨ NOT USED THIS SHEET.
- ⑩ NOT USED THIS SHEET.
- ⑪ 4' SKIP YELLOW (10' STRIPE, 30' GAP)-RETREFELCTIVE PAINTED PAVEMENT STRIPE.
- ⑫ 4" SOLID YELLOW - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ⑬ NOT USED THIS SHEET.
- ⑭ REMOVE AND DISPOSE SIGN FACE, POST AND BASE POST TO BE RETURNED AND COORDINATED WITH THE COUNTY.



PLOT DATE: 6/28/2017 1:10 PM
 I:\VALENCIA_COUNTY\VAL151-12 MANZANO EXPRESSWAY PHASE I\DWG\CYC-710

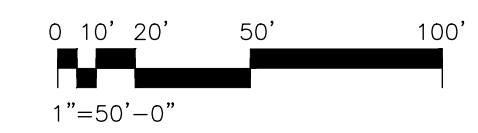
MATCHLINE STA.203+00 - SEE SHEET 7-9

MATCHLINE STA.214+00 - SEE THIS SHEET ABOVE



KEYED NOTES

- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ② NOT USED THIS SHEET.
- ③ NOT USED THIS SHEET.
- ④ NOT USED THIS SHEET.
- ⑤ NOT USED THIS SHEET.
- ⑥ NOT USED THIS SHEET.
- ⑦ NOT USED THIS SHEET.
- ⑧ NOT USED THIS SHEET.
- ⑨ NOT USED THIS SHEET.
- ⑩ NOT USED THIS SHEET.
- ⑪ 4' SKIP YELLOW (10' STRIPE, 30' GAP)-RETOREFELCTIVE PAINTED PAVEMENT STRIPE.
- ⑫ NOT USED THIS SHEET.
- ⑬ NOT USED THIS SHEET.
- ⑭ NOT USED THIS SHEET.



MOLZENCORBIN

2701 Miles Road SE
 Albuquerque, New Mexico 87106
 505 242 5700 office
 505 242 0673 fax
 MolzenCorbin.com

NOTICE OF EXTENDED PAYMENT PROVISION:
 THIS CONTRACT ALLOWS THE OWNER TO MAKE
 PAYMENT WITHIN 45 DAYS AFTER SUBMISSION
 OF AN UNDISPUTED REQUEST FOR PAYMENT

NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

PERMANENT SIGNING AND STRIPING PLAN
 STA.202+00 TO STA.226+00

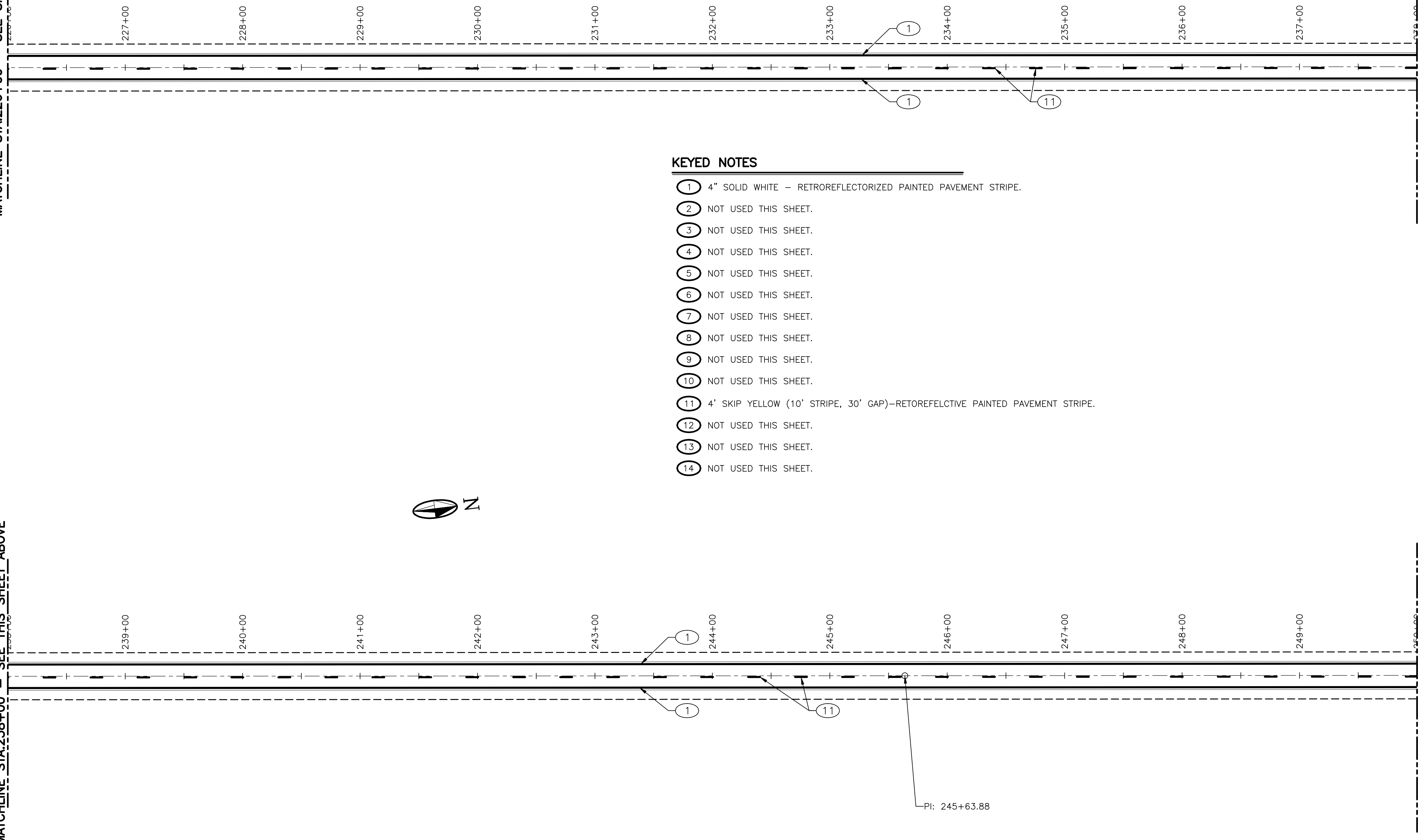
MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

7-10

SHEET

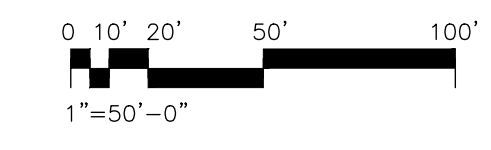
MATCHLINE STA. 238+00 - SEE THIS SHEET ABOVE

MATCHLINE STA. 226+00 - SEE SHEET 7-10



KEYED NOTES

- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ② NOT USED THIS SHEET.
- ③ NOT USED THIS SHEET.
- ④ NOT USED THIS SHEET.
- ⑤ NOT USED THIS SHEET.
- ⑥ NOT USED THIS SHEET.
- ⑦ NOT USED THIS SHEET.
- ⑧ NOT USED THIS SHEET.
- ⑨ NOT USED THIS SHEET.
- ⑩ NOT USED THIS SHEET.
- ⑪ 4' SKIP YELLOW (10' STRIPE, 30' GAP)-RETREFELCTIVE PAINTED PAVEMENT STRIPE.
- ⑫ NOT USED THIS SHEET.
- ⑬ NOT USED THIS SHEET.
- ⑭ NOT USED THIS SHEET.



PERMANENT SIGNING AND STRIPING PLAN
 STA. 226+00 TO STA. 250+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

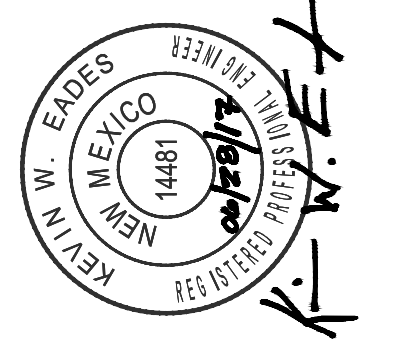
7-11

SHEET

MOLZENCORBIN
 2701 Miles Road SE
 Albuquerque, New Mexico 87106
 505 242 5700 office
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 MolzenCorbin.com

NOTICE OF EXTENDED PAYMENT PROVISION:
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 OF AN UNDISPUTED REQUEST FOR PAYMENT

NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH

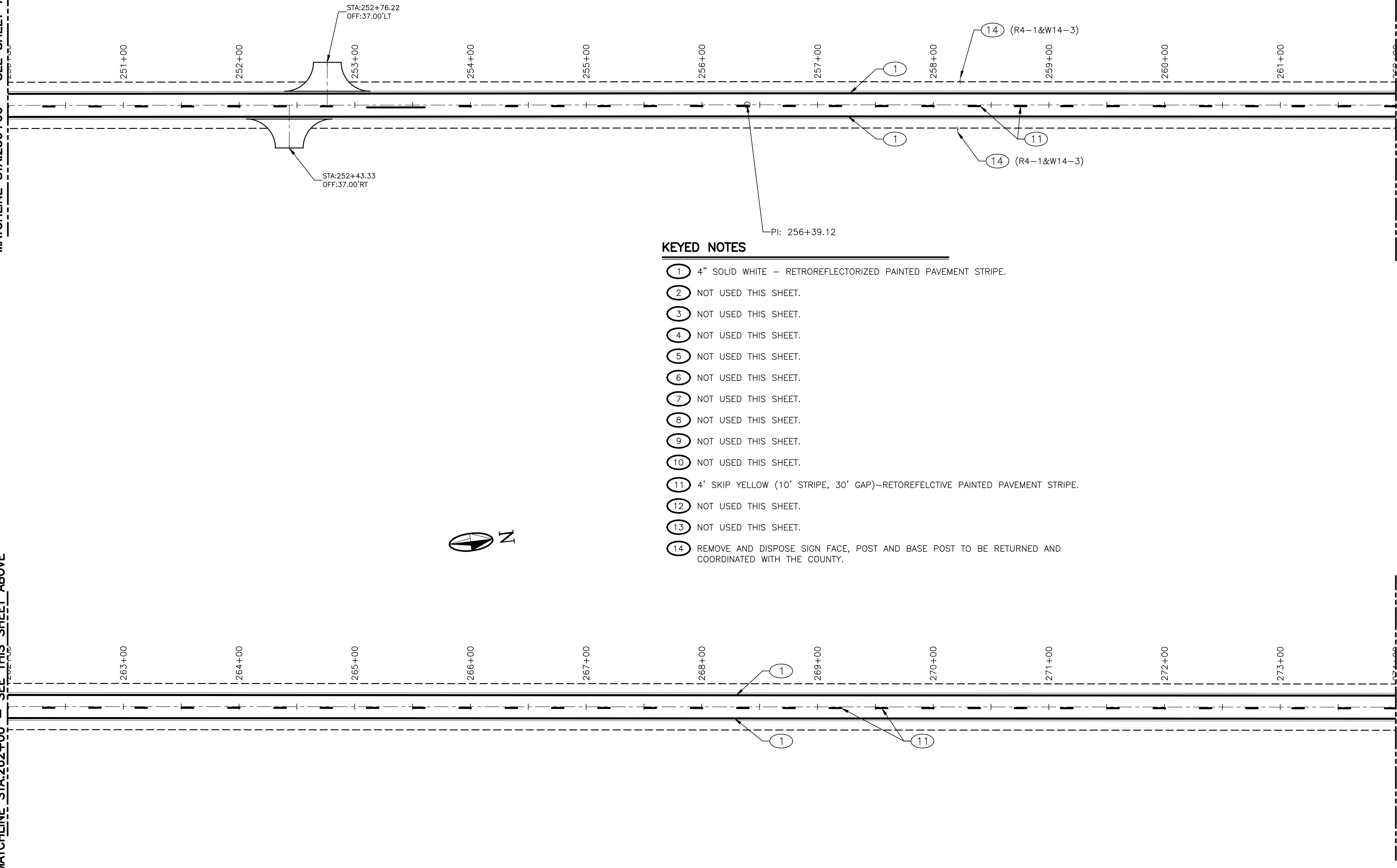


REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG:	JA
PROJECT DATE:	JUNE 2017

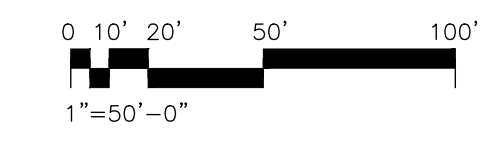
MATCHLINE STA.250+00 -- SEE SHEET 7-11

MATCHLINE STA.262+00 -- SEE THIS SHEET ABOVE



KEYED NOTES

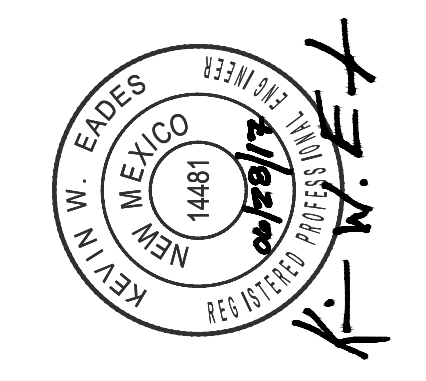
- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ② NOT USED THIS SHEET.
- ③ NOT USED THIS SHEET.
- ④ NOT USED THIS SHEET.
- ⑤ NOT USED THIS SHEET.
- ⑥ NOT USED THIS SHEET.
- ⑦ NOT USED THIS SHEET.
- ⑧ NOT USED THIS SHEET.
- ⑨ NOT USED THIS SHEET.
- ⑩ NOT USED THIS SHEET.
- ⑪ 4' SKIP YELLOW (10' STRIPE, 30' GAP)-RETREFELCTIVE PAINTED PAVEMENT STRIPE.
- ⑫ NOT USED THIS SHEET.
- ⑬ NOT USED THIS SHEET.
- ⑭ REMOVE AND DISPOSE SIGN FACE, POST AND BASE POST TO BE RETURNED AND COORDINATED WITH THE COUNTY.



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NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION

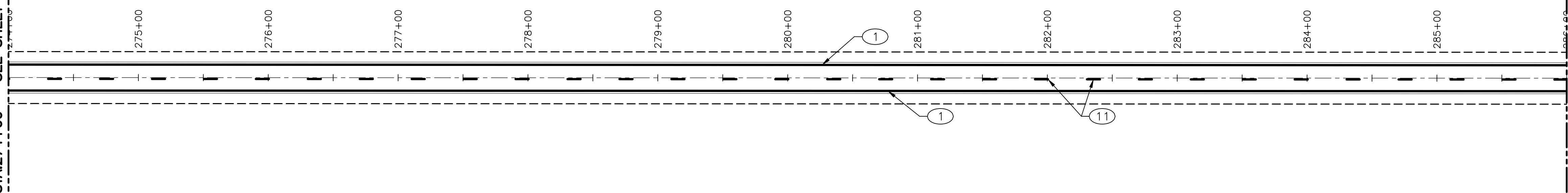
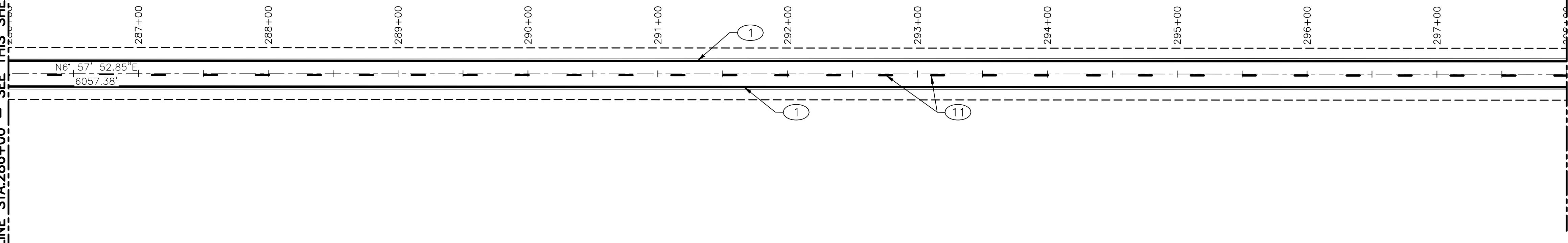
PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG:	JA
PROJECT DATE:	JUNE 2017

PERMANENT SIGNING AND STRIPING PLAN
 STA.250+00 TO STA.274+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

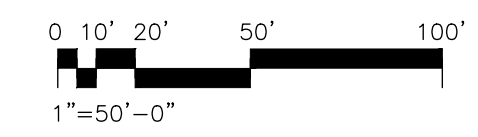
MATCHLINE STA. 286+00 - SEE THIS SHEET ABOVE

MATCHLINE STA. 274+00 - SEE SHEET 7-12



KEYED NOTES

- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ② NOT USED THIS SHEET.
- ③ NOT USED THIS SHEET.
- ④ NOT USED THIS SHEET.
- ⑤ NOT USED THIS SHEET.
- ⑥ NOT USED THIS SHEET.
- ⑦ NOT USED THIS SHEET.
- ⑧ NOT USED THIS SHEET.
- ⑨ NOT USED THIS SHEET.
- ⑩ NOT USED THIS SHEET.
- ⑪ 4' SKIP YELLOW (10' STRIPE, 30' GAP)-RETREFELCTIVE PAINTED PAVEMENT STRIPE.
- ⑫ NOT USED THIS SHEET.
- ⑬ NOT USED THIS SHEET.
- ⑭ NOT USED THIS SHEET.



PERMANENT SIGNING AND STRIPING PLAN
 STA. 274+00 TO STA. 298+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

7-13

SHEET

MOLZENCORBIN
 2701 Miles Road SE
 Albuquerque, New Mexico 87106
 505 242 5700 office
 505 242 0673 fax
 MolzenCorbin.com

NOTICE OF EXTENDED PAYMENT PROVISION:
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NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH

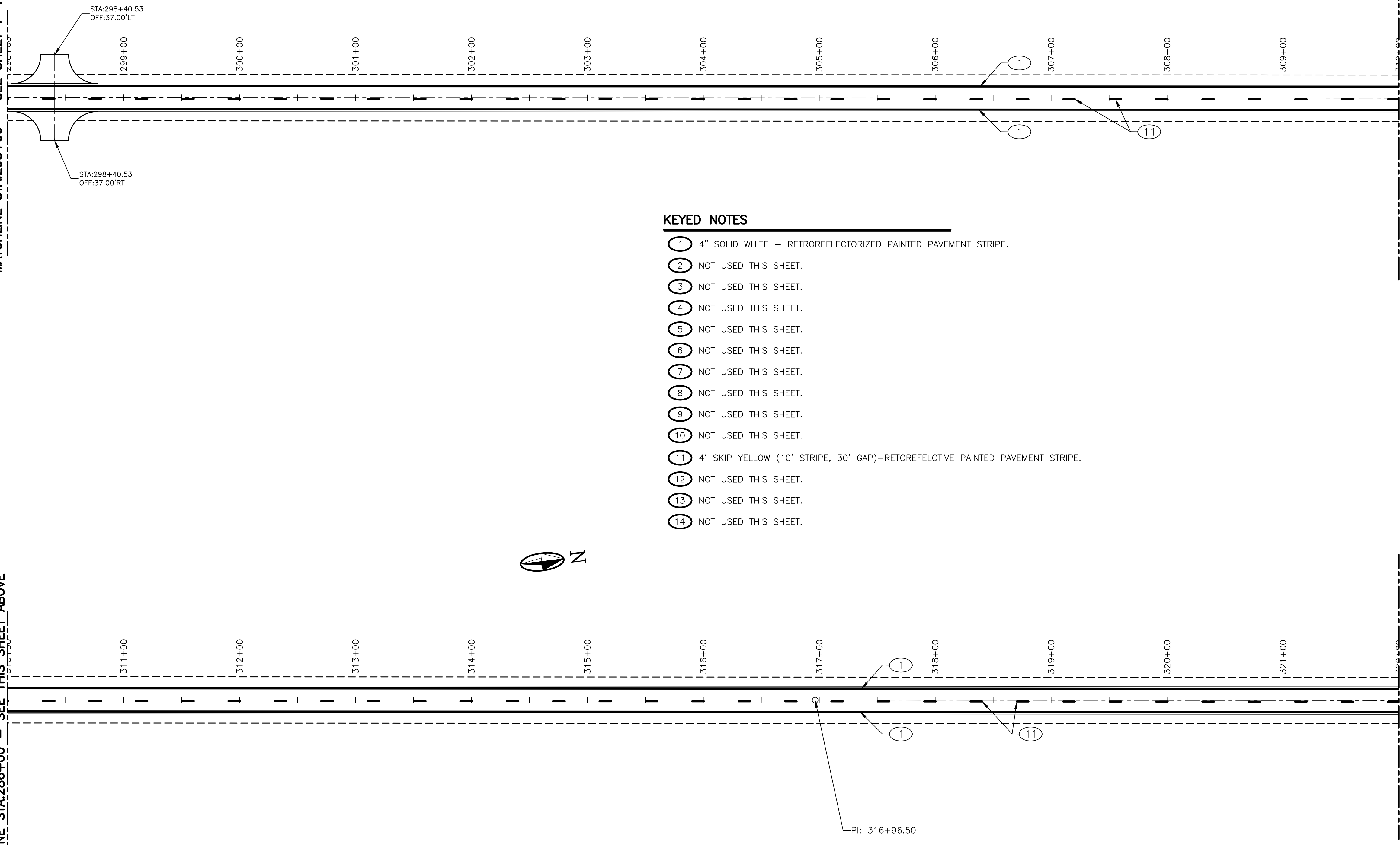


REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG:	JA
PROJECT DATE:	JUNE 2017

MATCHLINE STA.298+00 - SEE SHEET 7-13

MATCHLINE STA.286+00 - SEE THIS SHEET ABOVE



STA:298+40.53
OFF:37.00'LT

STA:298+40.53
OFF:37.00'RT

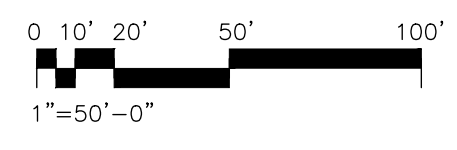
KEYED NOTES

- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ② NOT USED THIS SHEET.
- ③ NOT USED THIS SHEET.
- ④ NOT USED THIS SHEET.
- ⑤ NOT USED THIS SHEET.
- ⑥ NOT USED THIS SHEET.
- ⑦ NOT USED THIS SHEET.
- ⑧ NOT USED THIS SHEET.
- ⑨ NOT USED THIS SHEET.
- ⑩ NOT USED THIS SHEET.
- ⑪ 4' SKIP YELLOW (10' STRIPE, 30' GAP)-RETOREFELCTIVE PAINTED PAVEMENT STRIPE.
- ⑫ NOT USED THIS SHEET.
- ⑬ NOT USED THIS SHEET.
- ⑭ NOT USED THIS SHEET.

PI: 316+96.50

MATCHLINE STA.310+00 - SEE THIS SHEET BELOW

MATCHLINE STA.322+00 - SEE SHEET 7-15



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NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG:	JA
PROJECT DATE:	JUNE 2017

PERMANENT SIGNING AND STRIPING PLAN
 STA.298+00 TO STA.322+00

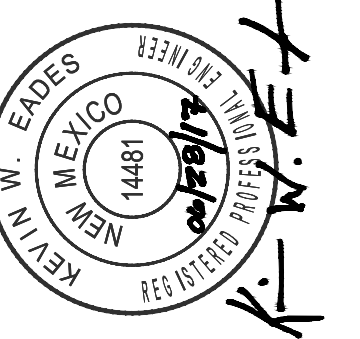
MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

7-14

SHEET

NOTICE OF EXTENDED PAYMENT PROVISION:
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NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG.:	JA
PROJECT DATE:	JUNE 2017

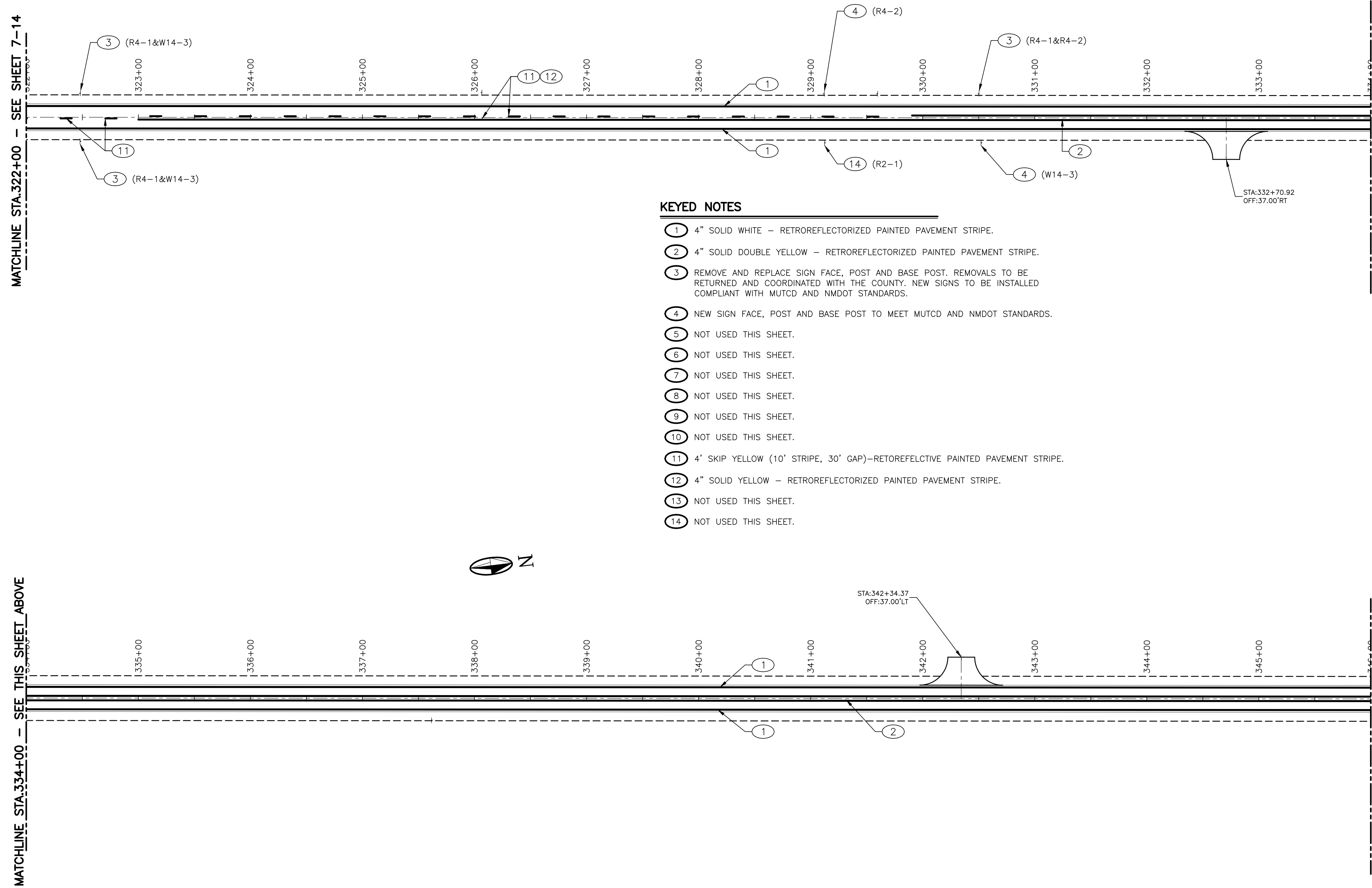
PERMANENT SIGNING AND STRIPING PLAN
 STA.322+00 TO STA.346+00

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

MATCHLINE STA.322+00 - SEE SHEET 7-14

MATCHLINE STA.334+00 - SEE THIS SHEET ABOVE

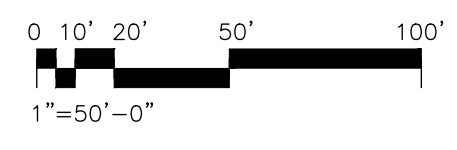
MATCHLINE STA.334+00 - SEE THIS SHEET BELOW



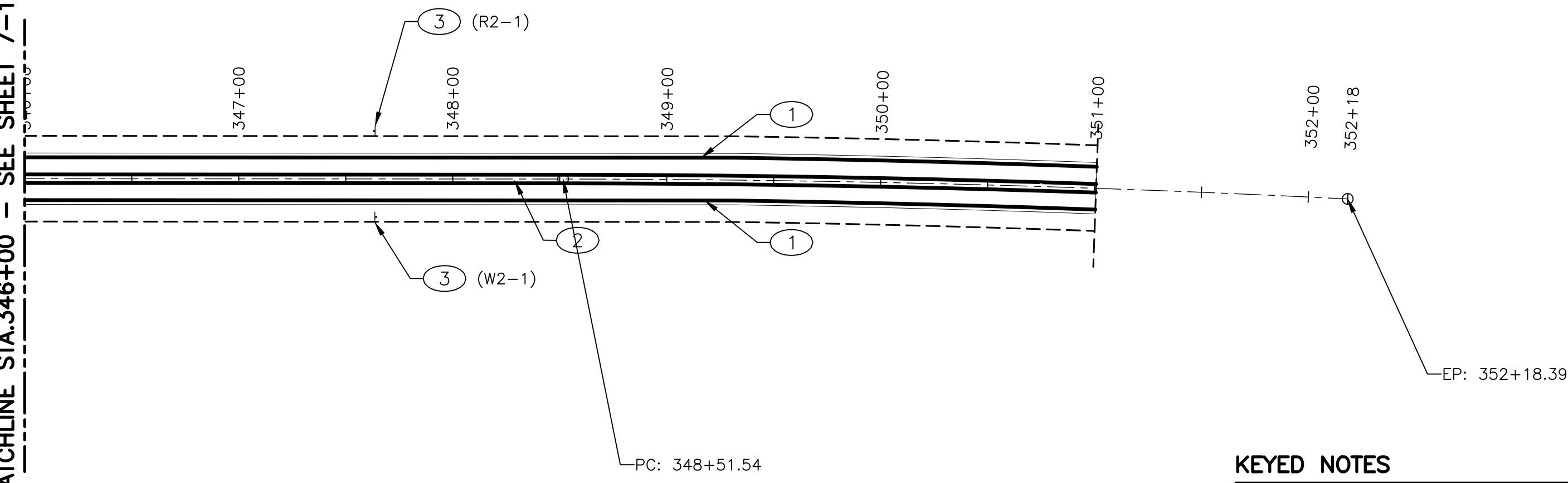
KEYED NOTES

- 1 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- 2 4" SOLID DOUBLE YELLOW - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- 3 REMOVE AND REPLACE SIGN FACE, POST AND BASE POST. REMOVALS TO BE RETURNED AND COORDINATED WITH THE COUNTY. NEW SIGNS TO BE INSTALLED COMPLIANT WITH MUTCD AND NMDOT STANDARDS.
- 4 NEW SIGN FACE, POST AND BASE POST TO MEET MUTCD AND NMDOT STANDARDS.
- 5 NOT USED THIS SHEET.
- 6 NOT USED THIS SHEET.
- 7 NOT USED THIS SHEET.
- 8 NOT USED THIS SHEET.
- 9 NOT USED THIS SHEET.
- 10 NOT USED THIS SHEET.
- 11 4' SKIP YELLOW (10' STRIPE, 30' GAP)-RETREFELCTIVE PAINTED PAVEMENT STRIPE.
- 12 4" SOLID YELLOW - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- 13 NOT USED THIS SHEET.
- 14 NOT USED THIS SHEET.

PLOT DATE: 6/28/2017 1:08 PM
 I:\VALENCIA_COUNTY\VAL151-12 MANZANO EXPRESSWAY PHASE II\DWG\CYC-715

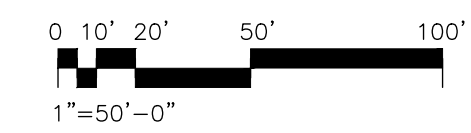


MATCHLINE STA. 346+00 - SEE SHEET 7-15



KEYED NOTES

- ① 4" SOLID WHITE - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ② 4" SOLID DOUBLE YELLOW - RETROREFLECTORIZED PAINTED PAVEMENT STRIPE.
- ③ REMOVE AND REPLACE SIGN FACE, POST AND BASE POST. REMOVALS TO BE RETURNED AND COORDINATED WITH THE COUNTY. NEW SIGNS TO BE INSTALLED COMPLIANT WITH MUTCD AND NMDOT STANDARDS.
- ④ NOT USED THIS SHEET.
- ⑤ NOT USED THIS SHEET.
- ⑥ NOT USED THIS SHEET.
- ⑦ NOT USED THIS SHEET.
- ⑧ NOT USED THIS SHEET.
- ⑨ NOT USED THIS SHEET.
- ⑩ NOT USED THIS SHEET.
- ⑪ NOT USED THIS SHEET.
- ⑫ NOT USED THIS SHEET.
- ⑬ NOT USED THIS SHEET.
- ⑭ NOT USED THIS SHEET.

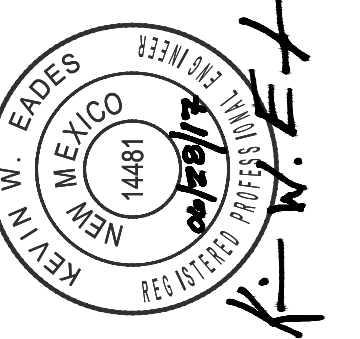


MOLZENCORBIN

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*NOTICE OF EXTENDED PAYMENT PROVISION:
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 OF AN UNDISPUTED REQUEST FOR PAYMENT*

NUMERIC SCALE CONFIRMATION
 DRAWINGS ARE DEPICTED AT INTENDED
 NUMERIC SCALES
 IF THIS BAR EQUALS ONE INCH



REV. NO.	REV. DATE	DESCRIPTION

PROJECT NUMBER:	VAL151-12
DESIGNED BY:	JA
DRAWN BY:	JSL
CHECKED BY:	KWE
PROJ. ENG:	JA
PROJECT DATE:	JUNE 2017

PERMANENT SIGNING AND STRIPING PLAN
 STA. 346+00 TO STA. 351+00.71

MANZANO EXPRESSWAY PAVEMENT REHABILITATION - PHASE II
 VALENCIA COUNTY
 VALENCIA COUNTY, NEW MEXICO

7-16

SHEET