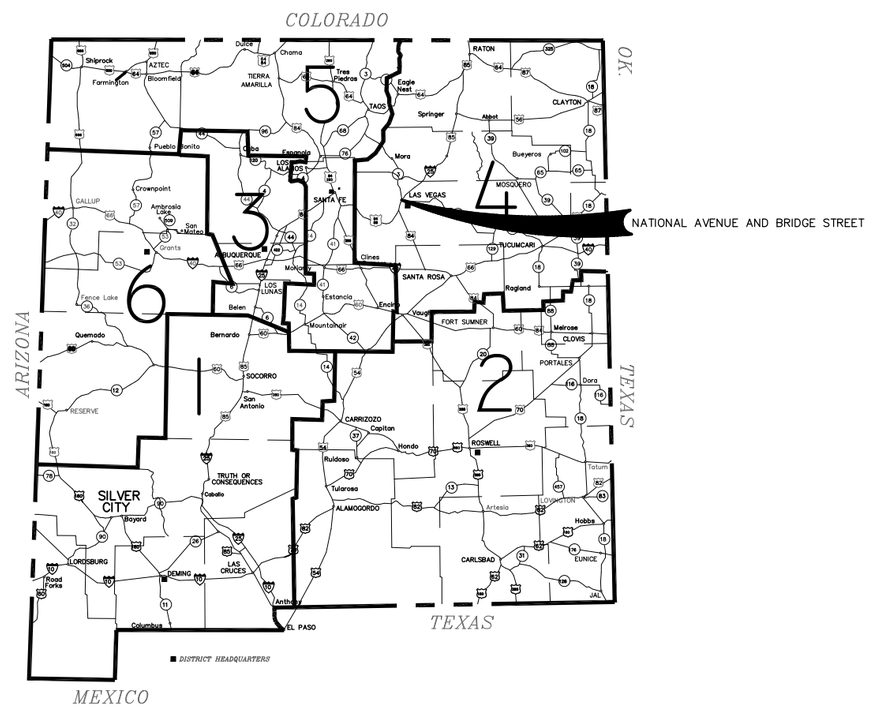
NATIONAL AVENUE AND BRIDGE STREET

PROJECT CONTROL NUMBER: LP40002

SCOPE OF WORK
FURNISH ALL LABOR, EQUIPMENT AND MATERIAL TO CONSTRUCT DESIGNATED IMPROVEMENTS WITHIN THE CITY OF LAS VEGAS, NM.



NO.	DESCRIPTION	DATE	BY
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REVISIONS (OR CHANGE NOTICES)

Stantec
1601 CAMINO DEL CORONADO
TUCUMCARI, NEW MEXICO 88401
(575) 461-0181 (OFFICE)
(575) 708-2555 (FAX)

SHEET TITLE:

COVER SHEET

LEGEND

SEWER MANHOLE (EXISTING)	SEWER MANHOLE (NEW)	NEW CROSS
STORM MANHOLE (EXISTING)	STORM MANHOLE (NEW)	NEW TEE
SIGN (EXISTING)	SIGN (NEW)	NEW 90° BEND
POWER POLE (EXISTING)	POWER POLE (NEW)	NEW 45° BEND
FIRE HYDRANT (EXISTING)	FIRE HYDRANT (NEW)	NEW REDUCER
WATER METER (EXISTING)	WATER METER (NEW)	
WATER VALVE (EXISTING)	WATER VALVE (NEW)	
GAS METER (EXISTING)	GAS METER (NEW)	
GAS VALVE (EXISTING)	GAS VALVE (NEW)	
SURVEY CONTROL POINT (EXISTING)	SURVEY CONTROL POINT (NEW)	
PROPERTY CORNER (EXISTING)	PROPERTY CORNER (NEW)	
EXISTING LIGHT POLE (EXISTING)	PROPOSED LIGHT POLE (NEW)	
MONITOR WELL (EXISTING)	MONITOR WELL (NEW)	
GUY ANCHOR (EXISTING)	GUY ANCHOR (NEW)	
POTHOLE, UTILITY (EXISTING)	POTHOLE, UTILITY (NEW)	
TELEPHONE PEDESTAL (EXISTING)	TELEPHONE PEDESTAL (NEW)	
CLEANOUT (EXISTING)	CLEANOUT (NEW)	
BLOWOFF ASSEMBLY (EXISTING)	BLOWOFF ASSEMBLY (NEW)	
AIR RELEASE VALVE (EXISTING)	AIR RELEASE VALVE (NEW)	
MAILBOX (EXISTING)	MAILBOX (NEW)	
BOLLARDS (EXISTING)	BOLLARDS (NEW)	

EXISTING UTILITIES

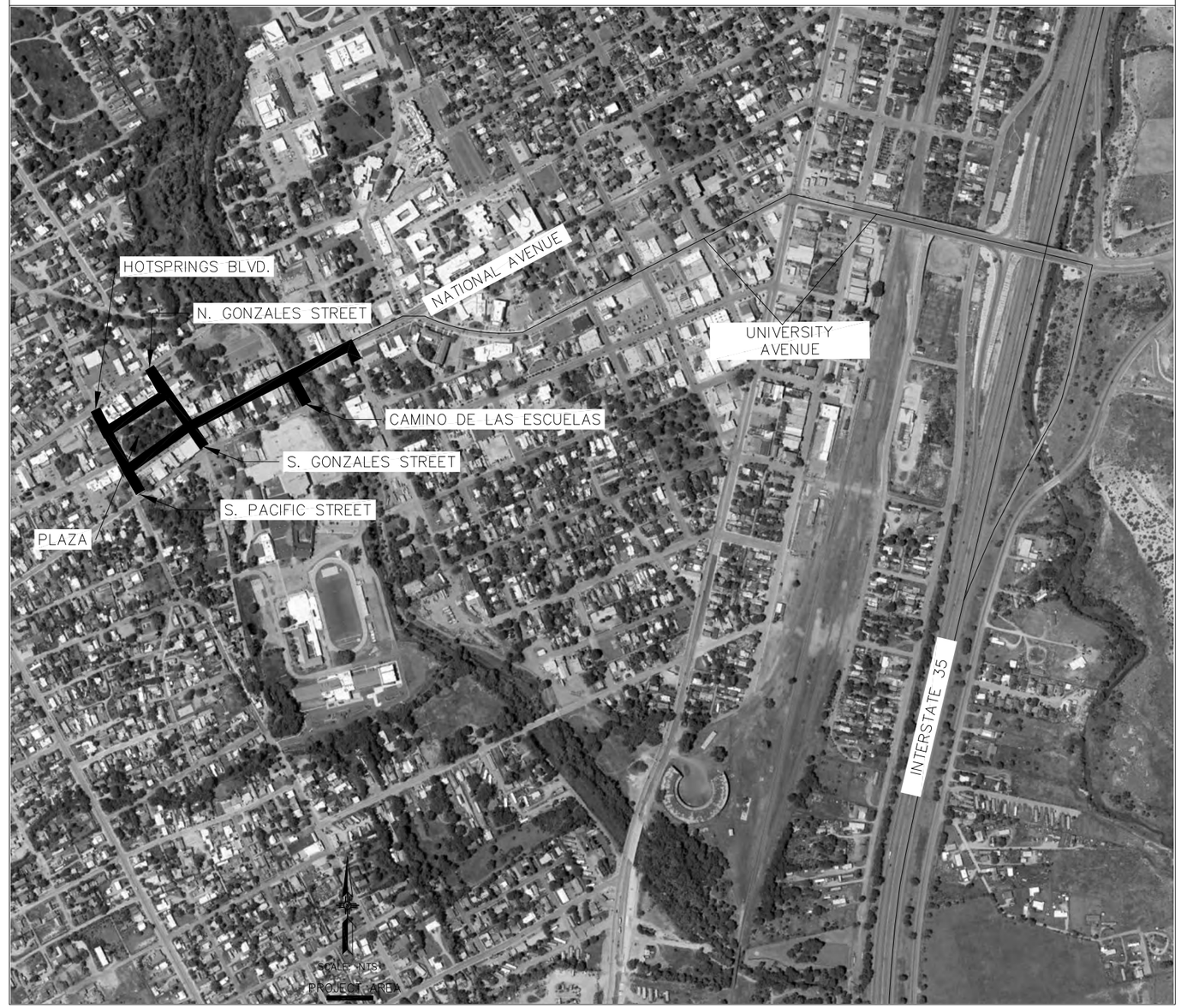
EW	WATER LINE
ES	SANITARY SEWER LINE
EG	GAS LINE
EUG EL	UNDERGROUND ELECTRIC LINE
ET	UNDERGROUND TELEPHONE/FIBER OPTIC LINE
EOH PL	OVERHEAD ELECTRIC LINE
EOHT	OVERHEAD TELEPHONE LINE
EOHC	OVERHEAD CABLE-TV LINE
EOHM	OVERHEAD MULTIPLE LINES
EOHA	OVERHEAD ANCHOR
ETS	TRAFFIC SIGNAL LINE
UNK	UNKNOWN LINE

NEW UTILITIES

OHT	OVERHEAD TELE. LINE
T	TELEPHONE/COMM. LINE
CTV	CABLE TV LINE
OHE	OVERHEAD ELEC. LINE
E	ELECTRIC LINE
OHU	OVERHEAD UTILITY LINE
FO	FIBER OPTIC LINE
GAS	NATURAL GAS LINE
UNK	UNKNOWN UTILITY LINE
W	WATER LINE
SS	SANITARY SEWER LINE
SFM	FORCE MAIN LINE
	STORM PIPE LINE

LEGEND, PROFILE

EXISTING BURIED ELECTRIC	PROPOSED BURIED ELECTRIC
EXISTING GAS	PROPOSED GAS
EXISTING WATER	PROPOSED WATER
EXISTING SANITARY SEWER	PROPOSED SANITARY SEWER



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SHEET TITLE:
LEGEND AND VICINITY MAP
LAS VEGAS NM, 87701

SHT. NO.	DESCRIPTION
1–1	COVER SHEET
1–2	LEGEND AND VICINITY MAP
1–3	INDEX OF SHEETS
1–4	SUMMARY OF QUANTITIES
1–5	GENERAL & PROJECT NOTES
	SUB–TOTAL = 5
2–1	TYPICAL ROAD SECTION
2–2	QUANTITY SCHEDULES (NOT INCLUDED)
2–3	DETAILS
	SUB–TOTAL = 2
3–0	PROJECT CONTROL (NOT INCLUDED)
3–1 TO 3–7	PLAN AND PROFILE
	SUB–TOTAL = 8
6–1	SUGGESTED SEQUENCE OF CONSTRUCTION
6–2	CONSTRUCTION TRAFFIC CONTROL DETAILS
6–3	CONSTRUCTION TRAFFIC CONTROL TYICAL SIGNING ONE LANE CLOSURE
	SUB–TOTAL = 3
7–1	PERMANENT SIGNING AND STRIPING GENERAL NOTES AND QUANTITIES
7–2	BRIDGE STREET PERMANENT SIGNING AND STRIPING PLAN
7–3	PLAZA STREET PERMANENT SIGNING AND STRIPING PLAN
7–4	PACIFIC STREET AND HOT SPRINGS BOULAVARD PERMANENT SIGNING AND STRIPING PLAN
7–5	CAMINO DE LAS ESCUELAS AND VALENCIA STREET NORTH GONZALES STREET AND SOUTH GONZALES STREET PERMANENT SIGNING AND STRIPING PLAN
7–6	PERMANENT SIGNING AND STRIPING DETAILS AND QUANTITIES
	SUBTOTAL = 6
11–1	NORTH GONZALES AND SOUTH GONZALES WATER LINE PLAN AND PROFILE
11–2	BRIDGE STREET WATER LINE PLAN AND PROFILE
11–3	ELECTRIC UTILITY PLAN
11–4	GAS UTILITY PLAN
	SUBTOTAL = 4
	SUBTOTAL = 28

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SHEET TITLE:

INDEX OF SHEETS

BASE BID

ITEM NO.	DESCRIPTION	UNITS	PRELIMINARY QUANTITIES
201000	CLEARING AND GRUBBING	LS	1
207000	SUBGRADE PREPARATION	SQ.YD.	6,326
303160	BASE COURSE 6"	SQ.YD.	6,326
407000	ASPHALT MATERIAL FOR TACK COAT	TON	4.1
408100	PRIME COAT MATERIAL	TON	9.2
414120	COLD MILLING (ASPHALT) 2"	SQ.YD.	12,428
416020	MINOR PAVEMENT (2" HMA SP-IV)	SQ.YD.	12,428
416035	MINOR PAVEMENT HMA SP-IV 3.5" - UTILITY TRENCHES BOTTOM LIFTS	SQ.YD.	575
416055	MINOR PAVEMENT HMA SP-IV 5.5"	SQ.YD.	5,751
570024	24" CULVERT PIPE - CMP FOR TREE BASE WITH 24" LOCKING STEEL COVER	L.S.	1
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1
603281	SWPPP PLAN PREPARATION AND MAINTENANCE	L.S.	1
604300	GEOGRID REINFORCEMENT	SQ.YD.	6,326
608004	CONCRETE SIDEWALK 4"	SQ.YD.	480
609424	CONCRETE VERTICAL CURB AND GUTTER TYPE B - 6" x 24"	LIN.FT.	1,040
617003	VIDEO RECORDING	L.S.	1
618000	TRAFFIC CONTROL MANAGEMENT	L.S.	1
621000	MOBILIZATION	L.S.	1
624401	CONCRETE ANCHORS	EACH	4
662000	MANHOLE TYPE C-4' DIAMETER 0' TO 6' DEPTH	EACH	3
663100	FIRE HYDRANT	EACH	2
663115	RECONNECT EXISTING FIRE HYDRANT	EACH	1
663202	GAS SYSTEM (BY CITY FORCES)	L.S.	1
663710	REMOVE AND REPLACE WATER SERVICE LATERAL - 3/4"	EACH	27
663726	6" WATERLINE 0'-6' DEPTH (C900)	LIN.FT.	628
663728	8" WATERLINE 0'-8' DEPTH (C900)	LIN.FT.	678
663772	CONNECTION TO EXISTING WATER LINE	EACH	2
663830	BYPASS PUMPING (SANITARY SEWER)	ALLOW	1
663896	GATE VALVE-6"	EACH	4
663898	GATE VALVE-8"	EACH	2
663908	SANITARY SEWER LINE-8" (SDR35)	LIN.FT.	260
701000	PANEL SIGNS	SQ.FT.	174
701100	STEEL POST AND BASE POST FOR PANEL SIGNS	LIN.FT.	314
704000	RETROREFLECTIVE PAINTED MARKINGS 4"	LIN.FT.	15,400
704706	HOT THERMOPLASTIC PAVEMENT MARKING 12"	LIN.FT.	1,580
704715	HOT THERMOPLASTIC PAVEMENT MARKING COMBINATION (THRU AND RIGHT) ARROW	EACH	1
704716	HOT THERMOPLASTIC PAVEMENT MARKING COMBINATION (THRU AND LEFT) ARROW	EACH	2
704717	HOT THERMOPLASTIC PAVEMENT MARKING RIGHT ARROW	EACH	4
704718	HOT THERMOPLASTIC PAVEMENT MARKING LEFT ARROW	EACH	2
704728	HOT THERMOPLASTIC PAVEMENT MARKING YIELD LINE	LIN.FT.	64
704733	HOT THERMOPLASTIC PAVEMENT MARKING HANDICAPPED SYMBOL	EACH	2
709020	RIGID ELECTRICAL CONDUIT 2" (DIA.)	LIN.FT.	30
709040	RIGID ELECTRICAL CONDUIT 4" (DIA.)	LIN.FT.	620
710000	ELECTRICAL PULL BOX (STANDARD)	EACH	20
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	L.S.	1
802000	POST CONSTRUCTION PLANS	L.S.	1
902000	QUALITY ASSURANCE ACCEPTANCE TESTING	L.S.	1

NOTES:
ITEM 570024 INCLUDES EXCAVATION FOR PIPE INSTALLATION AND BACKFILL AROUND PIPE
ALL LINEAR UTILITIES INCLUDE TRENCH EXCAVATION AND BACKFILL

ITEM NO.	DESCRIPTION	UNITS	PRELIMINARY QUANTITIES
ALTERNATIVE BID #1 - REINFORCED ASPHALT			
303150	BASE COURSE 5"	SQ.YD.	6,326
416040	MINOR PAVEMENT (REINFORCED 4" HMA SP-IV)	SQ.YD.	5,751
303160	BASE COURSE 6" (DEDUCT)	SQ.YD.	6,326
416055	MINOR PAVEMENT HMA SP-IV 5.5" (DEDUCT)	SQ.YD.	5,751
IF ALTERNATIVE BID #1 IS ACCEPTED, BID ITEMS 303160 AND 416055 WILL BE DELETED.			

ITEM NO.	DESCRIPTION	UNITS	PRELIMINARY QUANTITIES
ALTERNATIVE BID #2 - ELECTRICAL PULL BOXES			
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1
710000	ELECTRICAL PULL BOX (STANDARD)	EACH	27

ITEM NO.	DESCRIPTION	UNITS	PRELIMINARY QUANTITIES
ALTERNATIVE BID #3 - LIGHTED PEDESTRICAN CROSSWALK SIGNING			
701000	PANEL SIGNS (DEDUCT)	SQ.FT.	33
715020	SOLAR POWERED FLASHING SIGNS W11-2-30 AND W16-7p-24 WITH DELUXE CONFIRMATION BUTTON	EACH	4
IF ALTERNATIVE BID #3 IS ACCEPTED SOME PANEL SIGNS WILL BE DELETED			

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SHEET TITLE:

SUMMARY OF QUANTITIES

GENERAL STREET NOTES

1. ALL STREET WORK SHALL BE PERFORMED IN CONFORMANCE WITH NEW MEXICO STATE HIGHWAY & TRANSPORTATION DEPT. 2019 STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION UNLESS OTHERWISE PROVIDED.

2. ALL CHANGES IN THE CONTRACT DOCUMENTS MUST BE APPROVED BY THE OWNER, ENGINEER & FUNDING AGENCY.

3. THE BID FOR ITEM 702810 CONSISTS OF CONSTRUCTING A TRAFFIC CONTROL PLAN FOR THE WORK SPECIFIED IN THIS CONTRACT. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, TOOLS, LABOR, EQUIPMENT AND ANY OTHER APPURTENANCES NECESSARY TO COMPLETE THE WORK. FLAGGING SHALL BE PROVIDED AS REQUIRED FOR SAFETY AND/OR AS DIRECTED BY THE ENGINEER, WITH NO SEPARATE PAYMENT PROVIDED. THE TRAFFIC CONTROL PLAN SHALL CONFORM TO THE SPECIFICATIONS SET FORTH IN THE MUTCD AND BE APPROVED BY THE ENGINEER BEFORE IMPLEMENTATION. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES IN THIS CONTRACT SHALL BE PROVIDED WITH HIGH RETROREFLECTIVITY SHEETING. AT LEAST ONCE A WEEK THROUGH THE LIFE OF THE PROJECT, THE CONTRACTOR SHALL KEEP THE LOCAL NEWS MEDIA INFORMED OF ANY LANE CLOSURE WHICH WILL RESTRICT THE NORMAL FLOW OF TRAFFIC. THERE WILL BE NO DIRECT COMPENSATION FOR THIS WORK.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEANUP OF SPILLS ASSOCIATED WITH PROJECT CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, ETC., WHICH MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING DISCOVERIES OF PAST SPILLS AND OF CURRENT SPILLS NOT ASSOCIATED WITH CONSTRUCTION. REPORTS SHALL BE MADE IMMEDIATELY TO THE NM ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE AT 827-4308 OR 470-3657. THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL ASPHALT PAVEMENT MATERIAL REMOVED ON THE PROJECT BY HAULING TO AN APPROVED LANDFILL; IN ACCORDANCE WITH THE REGULATIONS OF THE NEW MEXICO SOLID WASTE ACT.

5. THE ENGINEER WILL MAKE AVAILABLE TO THE CONTRACTOR ANY INFORMATION OBTAINED FROM INVESTIGATIONS, UTILITY COMPANIES, OR OTHER FACILITY OWNERS THAT HAVE BEEN IDENTIFIED. THE ENGINEER MAKES NO REPRESENTATION AS TO THE VALIDITY OR ACCURACY OF THE INFORMATION PROVIDED. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING LOCATIONS FROM UTILITY OWNERS AND MAKING SUCH FURTHER INVESTIGATIONS AS NECESSARY IN ORDER TO LOCATE SUCH PERMANENT AND TEMPORARY UTILITY APPURTENANCES PRIOR TO INITIATING EARTHWORK OPERATIONS. FOR 'LOCATES' OF UNDERGROUND UTILITIES, CONTRACTOR SHALL CONTACT THE "NEW MEXICO ONE CALL SYSTEM, INC.", 1-800-321-2537.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXPLORATORY TRENCHING, IF NECESSARY, TO MORE SPECIFICALLY LOCATE UTILITY LINES. COST OF LOCATING UTILITY LINES INCLUDING EXPLORATORY TRENCHING WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION. THE CONTRACTOR IS TO NOTIFY UTILITY OWNERS PRIOR TO THE START OF ANY ADJUSTMENT OF UTILITIES.

7. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION AND OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. ADDITIONAL REMOVALS NOT SHOWN ON THE PLANS WILL BE DESIGNATED BY THE PROJECT ENGINEER. THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR ITEM 601000, "REMOVAL OF STRUCTURES AND OBSTRUCTIONS" AND THE CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR UNLISTED REMOVALS. ITEMS DESIGNATED FOR REMOVAL WITHOUT SALVAGE, UNSUITABLE CONSTRUCTION MATERIALS AND DEBRIS FROM CLEARING AND GRUBBING ARE TO BE PLACED IN AN ENVIRONMENTALLY SUITABLE DISPOSAL SITE DECIDED UPON AND COORDINATED BY THE CONTRACTOR, WITH THE APPROPRIATE REGULATORY AGENCIES, AND IN ACCORDANCE WITH SECTION 110 CONTROL OF ENVIRONMENT. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF THE DETAILS OF DISPOSAL OPERATIONS. BORROW MATERIAL, ROCK WASTE, VEGETATIVE DEBRIS, ETC., SHALL NOT BE PLACED IN WETLAND AREAS OR AREAS WHICH MAY IMPACT ENDANGERED SPECIES OR ARCHAEOLOGICAL RESOURCES. AN ARCHAEOLOGICAL SURVEY AND ENVIRONMENTAL CLEARANCE SHALL BE OBTAINED BY THE CONTRACTOR BEFORE DISPOSAL SITES ARE ACCEPTED IN ACCORDANCE WITH SUBSECTION 107.23 CONTRACTORS RESPONSIBILITY FOR ARCHAEOLOGICAL CLEARANCE.

9. DOWNSTREAM CONSTRUCTION IS TO BE COMPLETED FIRST AS A MEANS OF AVOIDING ANY DOWNSTREAM IMPACTS THAT COULD BE CAUSED BY SEVERE WEATHER.

10. THE COMPACTION EQUIPMENT FOR THIS PROJECT IS LIMITED TO 35 TONS OR LESS.

11. THE BID QUANTITIES ARE APPROXIMATE. FINAL PAYMENT SHALL BE BASED ON THE TOTAL QUANTITIES IN PLACE AND THAT HAVE BEEN ACCEPTED BY THE ENGINEER.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACCEPTANCE TESTING ON THIS PROJECT. ALL ACCEPTANCE TESTS SHALL BE PERFORMED IN ACCORDANCE WITH THE NMDOT REQUIREMENTS BY AN INDEPENDENT CERTIFIED TESTING LABORATORY UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO OR TTCP CERTIFIED PERSON. PAYMENT FOR THIS ACCEPTANCE TESTING WILL BE MADE UNDER ITEM #902000 – QUALITY ASSURANCE ACCEPTANCE TESTING. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THEIR OWN PROCESS QUALITY CONTROL TESTING. PROCESS QUALITY CONTROL TESTING WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR.

13. MAINTENANCE OF RECORD DRAWINGS. THE CONTRACTOR SHALL MAINTAIN AN UP-TO-DATE SET OF RECORD DRAWINGS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT WITHIN TWO WEEKS AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT REPRESENTATIVE FOR COMPLETENESS AT LEAST ONCE A MONTH. THE FINAL RECORD DRAWINGS SHALL BE SUBMITTED TO THE PROJECT REPRESENTATIVE PRIOR TO FINAL PAYMENT. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENTS OR PAYMENT WILL BE MADE THEREFOR.

14. SURFACING MATERIALS FOR THIS PROJECT ARE TO BE OBTAINED FROM AN APPROVED COMMERCIAL SOURCE.

15. THE TYPICAL SECTION TAPERS MAY BE ADJUSTED BY THE ENGINEER AS NECESSARY TO STAY WITHIN RIGHT-OF-WAY LIMITS OR TO AVOID OBSTRUCTIONS (IE-DRIVE PADS, WATER METERS, ETC.)

16. WHEN ABUTTING NEW CONSTRUCTION TO EXISTING, NEAT CUT EXISTING PAVEMENT TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING. NEAT CUTTING EXISTING PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE WORK. NO SEPARATE PAYMENT WILL BE MADE.

17. COST OF FILLER, IF REQUIRED FOR ASPHALT, SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE APPROPRIATE ASPHALT ITEM NUMBER. NO SEPARATE MEASUREMENT OR PAYMENT OF FILLER WILL BE REQUIRED.

18. ALL CURBING & SIDEWALKS SHALL HAVE TRANSVERSE CONSTRUCTION JOINTS PLACED AT 5 FOOT INTERVALS. EXPANSION JOINTS AS NOTED OR 30' INTERVALS MAX., & PER SPECIFICATIONS.

19. THE COST OF STEEL REINFORCING IS INCIDENTAL TO THE ASSOCIATED CONCRETE ITEM UNLESS SPECIFICALLY NOTED & SEPARATED.

20. LAYDOWN & FLUSH CURBING AT DRIVEPADS & LANDINGS IS PAYABLE AS THE ADJACENT CURB ITEM (TYPE A OR B AS APPLICABLE).

21. UTILITY WORK IS GOVERNED BY THE LATEST VERSION OF NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

22. THE COST OF WELDED WIRE FABRIC IS INCIDENTAL TO THE CONSTRUCTION OF CONCRETE SIDEWALK – 4", FOR HANDICAP RAMPS WHERE INDICATED ON THE PLANS, FOR CONCRETE DRIVE PADS, AND ALL CONCRETE VALLEY GUTTERS.

23. DETECTABLE WARNING SURFACE SHALL BE INSTALLED ON ALL ADA RAMPS WHERE CROSSING A PUBLIC STREET. SEE NMDOT STANDARD DRAWING 601-001-8. DETECTABLE WARNING SURFACE SHALL BE BROWN. CONTRACTOR SHALL PROVIDE COLOR SUBMITTAL FOR APPROVAL PRIOR TO ORDERING. DETECTABLE WARNING SURFACE IS INCIDENTAL TO THE COST OF SIDEWALK FOR THE RAMPS.

PROJECT NOTES

GENERAL

PROJECT INTENT IS TO REPAVE THE EXISTING ROADWAY, AND CONSTRUCT UTILITY IMPROVEMENTS. THIS APPLIES TO PLAZA ST., PACIFIC ST., HOT SPRINGS BLVD., N. GONZALES, S. GONZALES, BRIDGE ST., AND CAMINO DE LAS ESCUELAS.

1. UTILITY CONTACTS:
   MARIA GILVARRY, UTILITIES DIRECTOR
   454-3832 EXT. 2000
   GILVARRYM@LASVEGASNM.GOV

2. ALL NEW PEDESTRIAN ACCESS FACILITIES MUST CONFORM WITH CURRENT ADA REGULATIONS.

3. PROJECT DESIGN GRADES ARE BASED ON REFERENCE POINTS AS NOTED ON PROJECT CONTROL SHEETS 3-0.

4. NEW CURB & GUTTER, SIDEWALK, CURB-RAMPS WITH LANDING, AND SURFACING SHALL BE CONSTRUCTED

5. SLEEVES LOCATED AS PER MUTCD REGULATIONS FOR REMOVAL/RESETTING OF SIGNS FOR LATER RESETTING OF SIGNS MUST BE PROVIDED IN FRESH CONCRETE. RESET SIGNS TO PROVIDE MINIMUM ADA CLEARANCES (CHECK WITH PROJECT REP).

6. REMOVALS INCLUDE BUT AREN'T LIMITED TO CURBING & MISCELLANEOUS CONCRETE (TO SAWCUT), ASPHALT (TO NEATCUT) & OTHERS AS NOTED. SAWCUTS INCIDENTAL TO REMOVALS.

7. ABBREVIATIONS: EP/EOP = EDGE OF PAVEMENT, FL = FLOWLINE, BC = BACK OF CURB, BDP/BODP = BACK OF DRIVEPAD, BSW = BACK OF SIDEWALK, BP = BACK OF PATCHING, FG = FINISHED GRADE, DB = BOTTOM OF DITCH

LIST OF INCIDENTALS

1. LOCATING UTILITY LINES. GENERAL NOTE # 6
2. MAINTENANCE OF RECORD DRAWINGS. GENERAL NOTE # 13
3. NEAT CUTTING PAVEMENT. GENERAL NOTE #16
4. COST OF FILLER. GENERAL NOTE #17
5. CONTRACTION AND EXPANSION JOINTS. GENERAL NOTE # 18
6. COST OF REINFORCING STEEL. GENERAL NOTE #19
7. OTHER AS NOTED IN PLAN & PROFILE BUILD NOTES
8. WELDED WIRE FABRIC
9. DETECTABLE WARNING SURFACE ON ADA RAMPS NOTE #23

ESTIMATED SURFACING FACTORS

ITEM DESCRIPTION	EST. AP. RATE	CONVERSION	TYPE
PRIME COAT	0.45GAL/SQ YD	240 GAL/TON	AEP, PEP, OR MC-70
TACK COAT	0.08GAL/SQ YD	240 GAL/TON	
HMA SP-IV			PG 64-22

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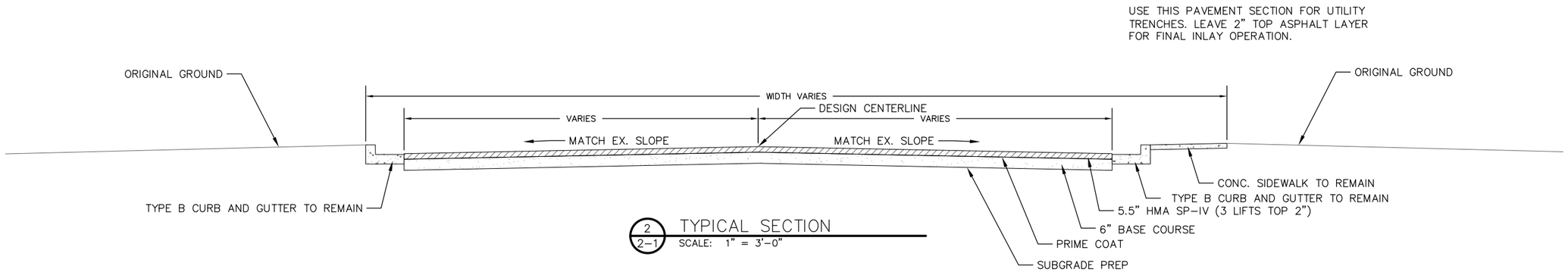
SHEET TITLE:

GENERAL & PROJECT NOTES

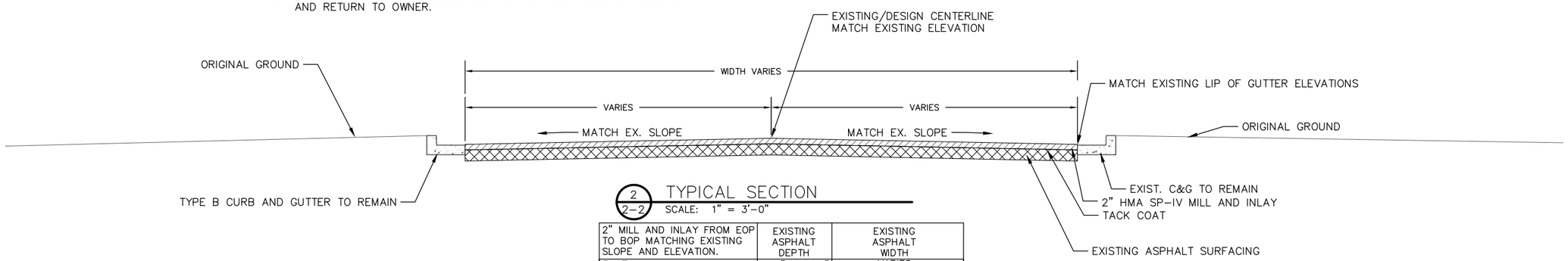


2 / 2-1 TYPICAL SECTION
SCALE: 1" = 3'-0"

FULL DEPTH RECONSTRCTION FROM EOP TO BOP MATCHING EXISTING SLOPE AND ELEVATION.	EXISTING ASPHALT DEPTH	EXISTING ASPHALT WIDTH
HOT SPRINGS BLVD.	6"	VARIES 28.43' AVG.
N. GONZALES AVE.	6"	VARIES 29.85' AVG.
S. PACIFIC ST.	6"	VARIES 23.03' AVG.
CAMINO DE LAS ESCUELAS	2"	VARIES 18.81' TO 39.49
12TH ST.	UNKNOWN	44.67'

ALTERNATIVE BID #1
4"MINOR PAVEMENT REINFORCED
HMA SP-IV (2 EQUAL LIFTS)
PRIME COAT
5"BASE COURSE
SUBGRADE PREPARATION

NOTES:
1. CONTRACTOR TO REMOVE EXISTING ASPHALT SURFACING BY MILLING AND RETURN TO OWNER.



2 / 2-2 TYPICAL SECTION
SCALE: 1" = 3'-0"

2" MILL AND INLAY FROM EOP TO BOP MATCHING EXISTING SLOPE AND ELEVATION.	EXISTING ASPHALT DEPTH	EXISTING ASPHALT WIDTH
PLAZA	4.25" TO 5.5"	VARIES
NATIONAL/BRIDGE ST.	4" TO 6"	VARIES 40.96' TO 50.35'
S. GONZALES AVE.	6.5"	VARIES 23.03' AVG

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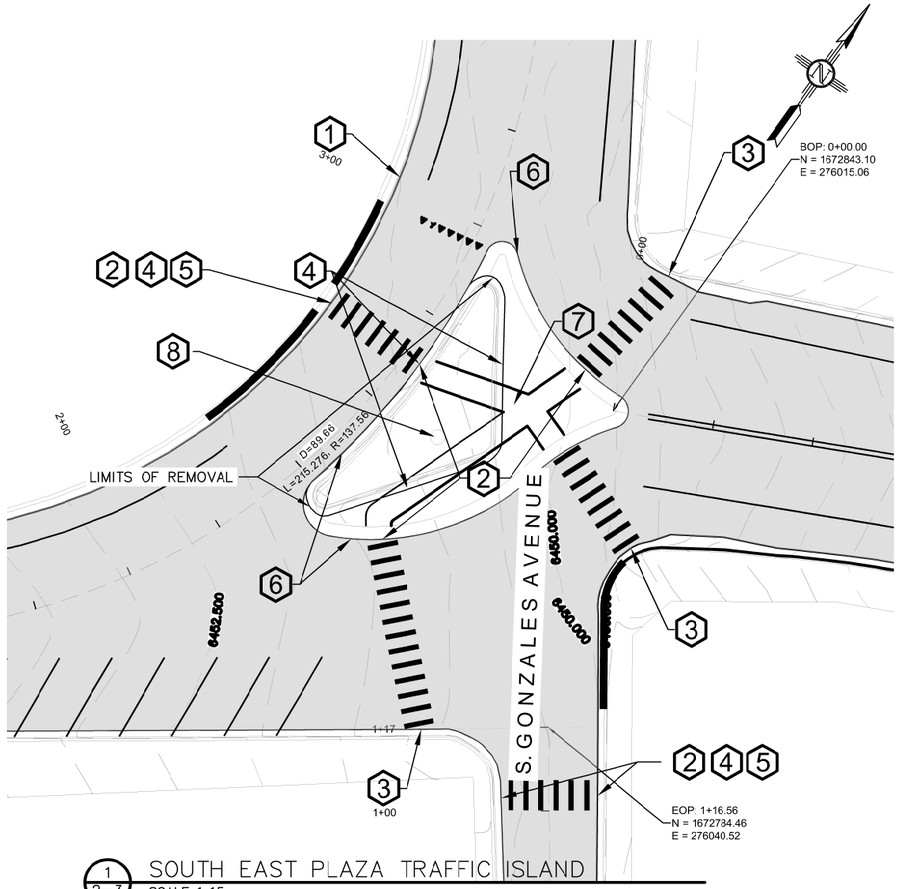
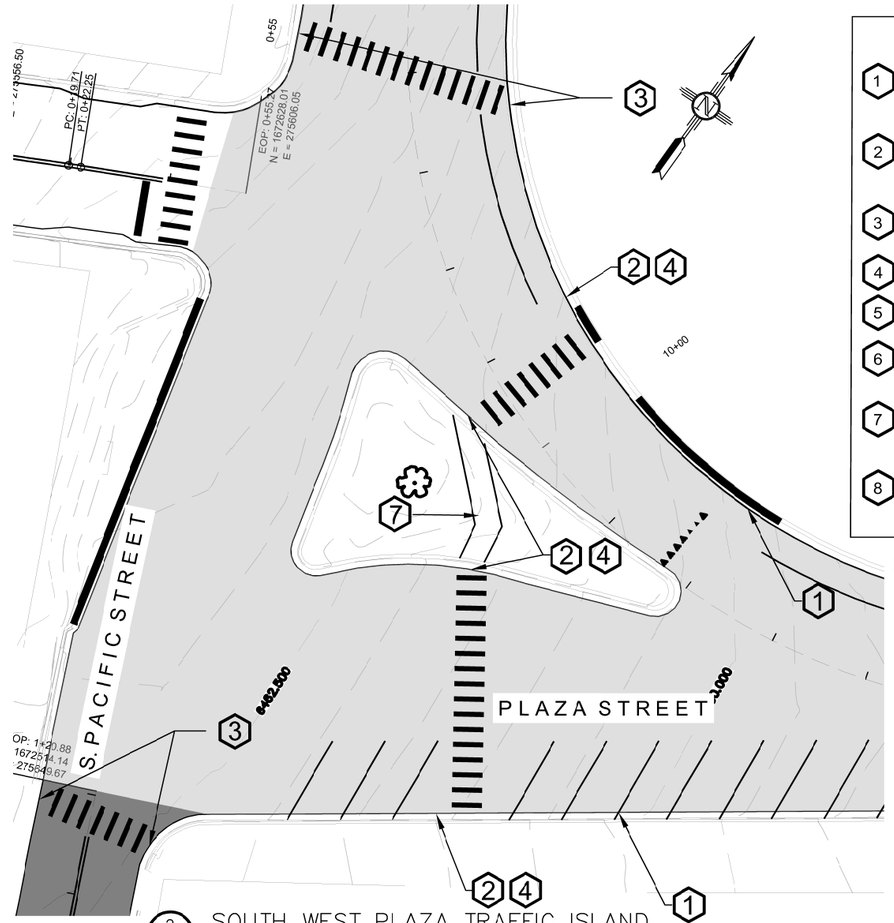
SHEET TITLE:

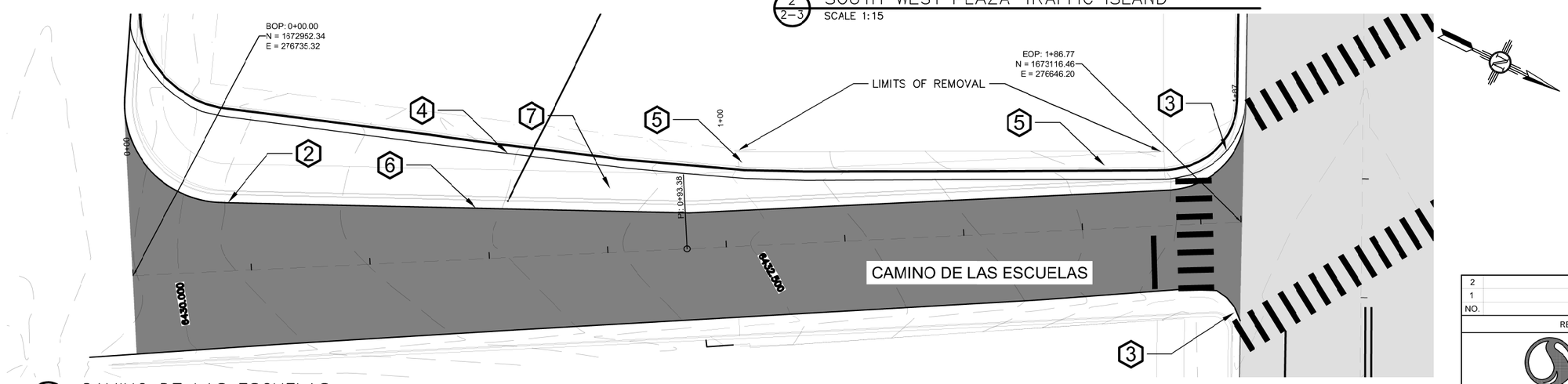
TYPICAL ROAD SECTION



1 2–3 SOUTH EAST PLAZA TRAFFIC ISLAND
SCALE 1:15



2 2–3 SOUTH WEST PLAZA TRAFFIC ISLAND
SCALE 1:15



3 2–3 CAMINO DE LAS ESCUELAS
SCALE 1:10

KEYED NOTES

1. REMOVE EXISTING RAMP. BUILD CURB AND GUTTER TYPE B 6"X24" AND 4" SIDEWALK MATCH EXISTING, ADJACENT LINES AND GRADES. SEE NMDOT STANDARD DRAWING 609-01-1/1.
2. BUILD PERPENDICULAR ADA RAMP WITH LAYDOWN CURB AND DETECTABLE WARNING SURFACE. SEE NMDOT STANDARD DRAWINGS 608-001-1, 608-001-2 AND 608-001-8.
3. REMOVE EXISTING RAMP AND BUILD PERPENDICULAR ADA RAMP WITH LAYDOWN CURB AND DETECTABLE WARNING SURFACE. SEE NMDOT STANDARD DRAWINGS 608-001-1, 608-001-2 AND 608-001-8.
4. REMOVE EXISTING CURB AND GUTTER AS NEEDED FOR RAMP INSTALLATION.
5. REMOVE EXISTING SIDEWALK AS NEEDED FOR RAMP INSTALLATION.
6. BUILD CURB AND GUTTER TYPE B 6"X24". SEE NMDOT STANDARD DRAWING 609-01-1/1.
7. BUILD 4' SIDEWALK WITH DETECTABLE WARNING SURFACE AT STREET CROSSINGS (3 EACH). SEE NMDOT STANDARD DRAWINGS 608-001-8 AND 609-01-1/1.
8. BUILD CONCRETE FOOTING FOR RELOCATED SIGN (SIGN RELOCATION BY OTHERS).

FULL DEPTH RECONSTRUCTION
MILL & OVERLAY

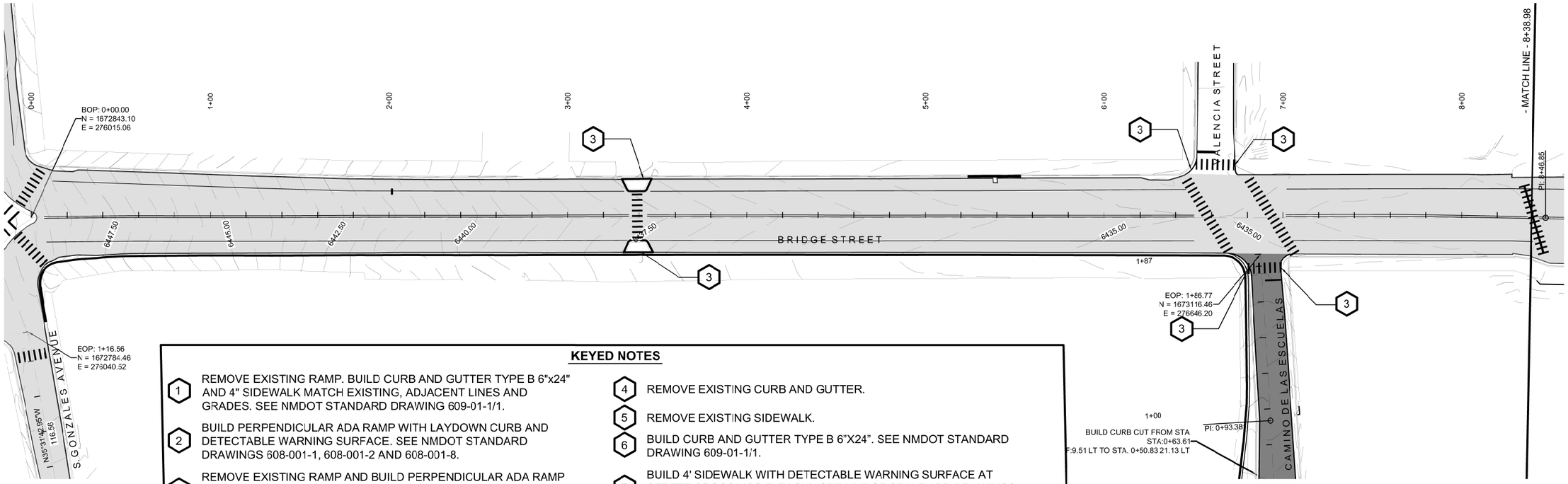
NO.	DESCRIPTION	DATE	BY
2			
1			

REVISIONS (OR CHANGE NOTICES)

Stantec
1601 CAMINO DEL CORONADO
TUCUMCARI, NEW MEXICO 88401
(575) 461-0181 (OFFICE)
(575) 738-2555 (FAX)

SHEET TITLE:

DETAILS



KEYED NOTES

1. REMOVE EXISTING RAMP. BUILD CURB AND GUTTER TYPE B 6"x24" AND 4" SIDEWALK MATCH EXISTING, ADJACENT LINES AND GRADES. SEE NMDOT STANDARD DRAWING 609-01-1/1.
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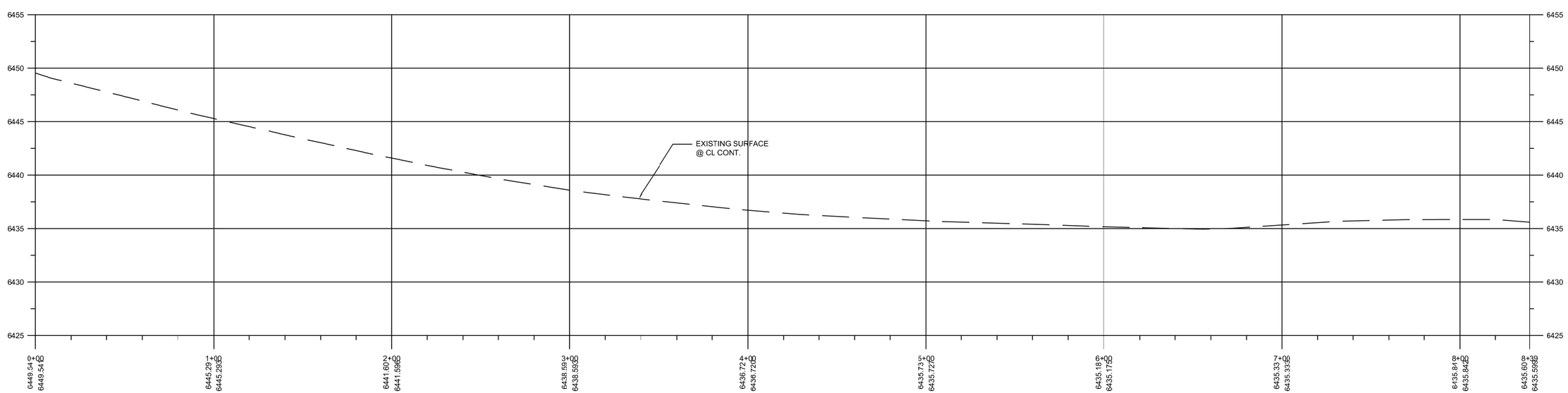
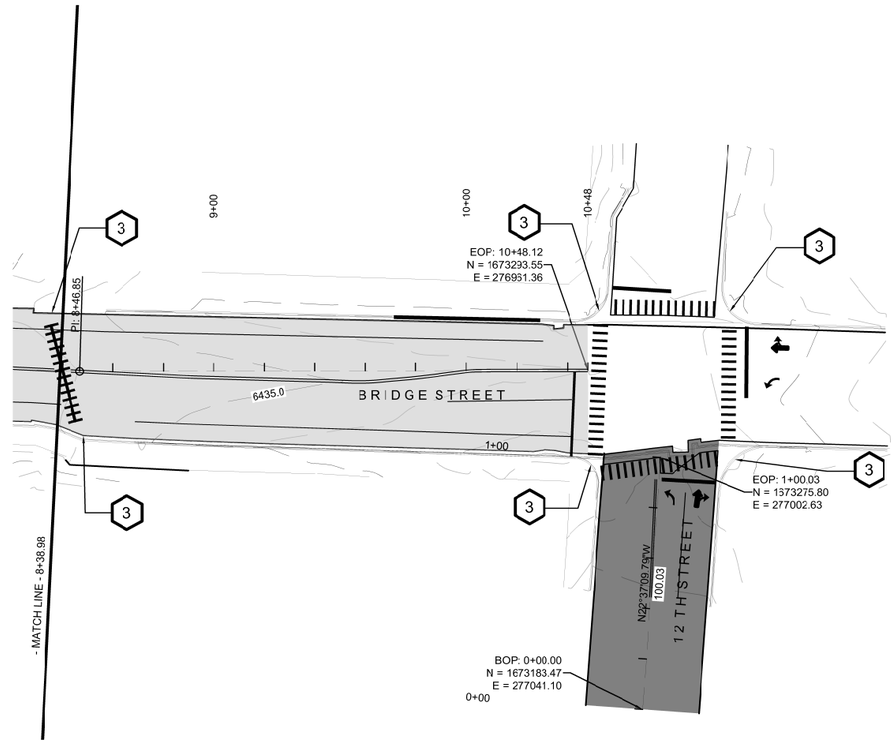
4. REMOVE EXISTING CURB AND GUTTER.
5. REMOVE EXISTING SIDEWALK.
6. BUILD CURB AND GUTTER TYPE B 6"X24". SEE NMDOT STANDARD DRAWING 609-01-1/1.
7. BUILD 4' SIDEWALK WITH DETECTABLE WARNING SURFACE AT STREET CROSSINGS (3 EACH). SEE NMDOT STANDARD DRAWINGS 608-001-8 AND 609-01-1/1.

FULL DEPTH RECONSTRUCTION
MILL & OVERLAY

PLAN DRAWING FULL SCALE:1:30 HALF SCALE:1:60
HORIZONTAL FULL SCALE:1:30 HALF SCALE:1:60 / VERTICAL FULL SCALE:1:5 HALF SCALE:1:10



SEE SYMBOL LEGEND ON SHEET 1-2



KEYED NOTES

1. REMOVE EXISTING RAMP. BUILD CURB AND GUTTER TYPE B 6"X24" AND 4" CONCRETE SIDEWALK. MATCH EXISTING, ADJACENT LINES AND GRADES. SEE NMDOT STANDARD DRAWING 609-01-1/1.
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3. REMOVE EXISTING RAMP AND BUILD PERPENDICULAR ADA RAMP WITH LAYDOWN CURB AND DETECTABLE WARNING SURFACE. SEE NMDOT STANDARD DRAWINGS 608-001-1, 608-001-2 AND 608-001-8.
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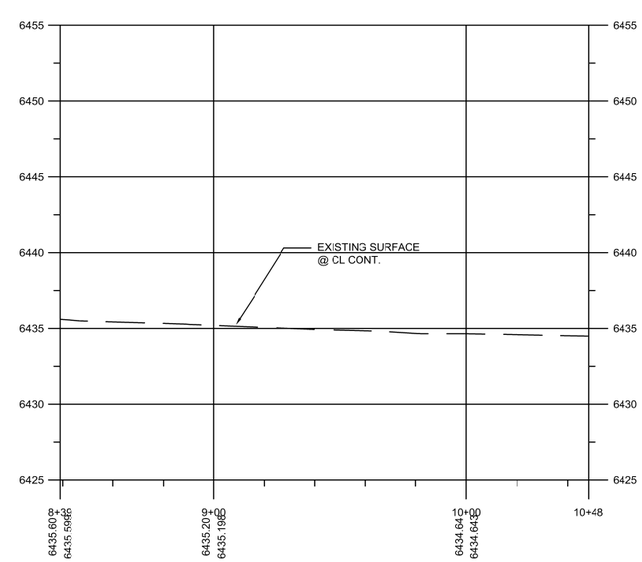
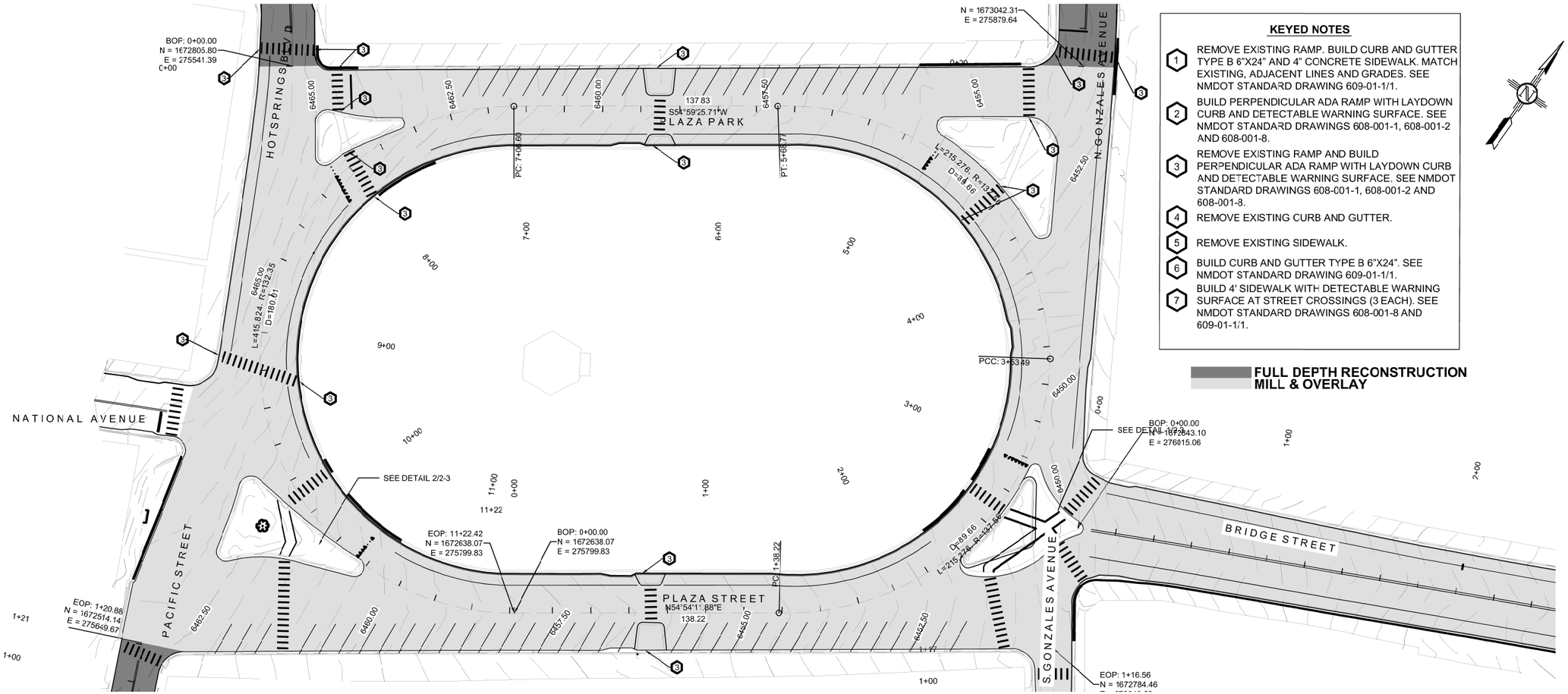
5. REMOVE EXISTING SIDEWALK.
6. BUILD CURB AND GUTTER TYPE B 6"X24". SEE NMDOT STANDARD DRAWING 609-01-1/1.
7. BUILD 4' SIDEWALK WITH DETECTABLE WARNING SURFACE AT STREET CROSSINGS (3 EACH). SEE NMDOT STANDARD DRAWINGS 608-001-8 AND 609-01-1/1.

FULL DEPTH RECONSTRUCTION
MILL & OVERLAY

PLAN DRAWING FULL SCALE:1:30 HALF SCALE:1:60
HORIZONTAL FULL SCALE:1:30 HALF SCALE:1:60 / VERTICAL FULL SCALE:1:5 HALF SCALE:1:10



SEE SYMBOL LEGEND ON SHEET 1-2



KEYED NOTES

1. REMOVE EXISTING RAMP. BUILD CURB AND GUTTER TYPE B 6"X24" AND 4" CONCRETE SIDEWALK. MATCH EXISTING, ADJACENT LINES AND GRADES. SEE NMDOT STANDARD DRAWING 609-01-1/1.
2. BUILD PERPENDICULAR ADA RAMP WITH LAYDOWN CURB AND DETECTABLE WARNING SURFACE. SEE NMDOT STANDARD DRAWINGS 608-001-1, 608-001-2 AND 608-001-8.
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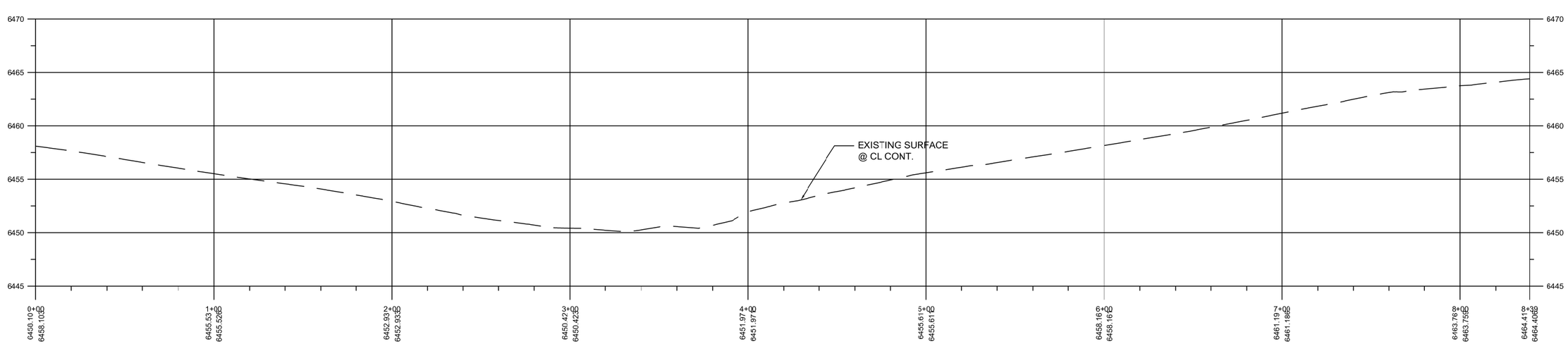
4. REMOVE EXISTING CURB AND GUTTER.
5. REMOVE EXISTING SIDEWALK.
6. BUILD CURB AND GUTTER TYPE B 6"X24". SEE NMDOT STANDARD DRAWING 609-01-1/1.
7. BUILD 4' SIDEWALK WITH DETECTABLE WARNING SURFACE AT STREET CROSSINGS (3 EACH). SEE NMDOT STANDARD DRAWINGS 608-001-8 AND 609-01-1/1.

FULL DEPTH RECONSTRUCTION
MILL & OVERLAY

PLAN DRAWING FULL SCALE:1:30 HALF SCALE:1:60
HORIZONTAL FULL SCALE:1:30 HALF SCALE:1:60 / VERTICAL FULL SCALE:1:5 HALF SCALE:1:10



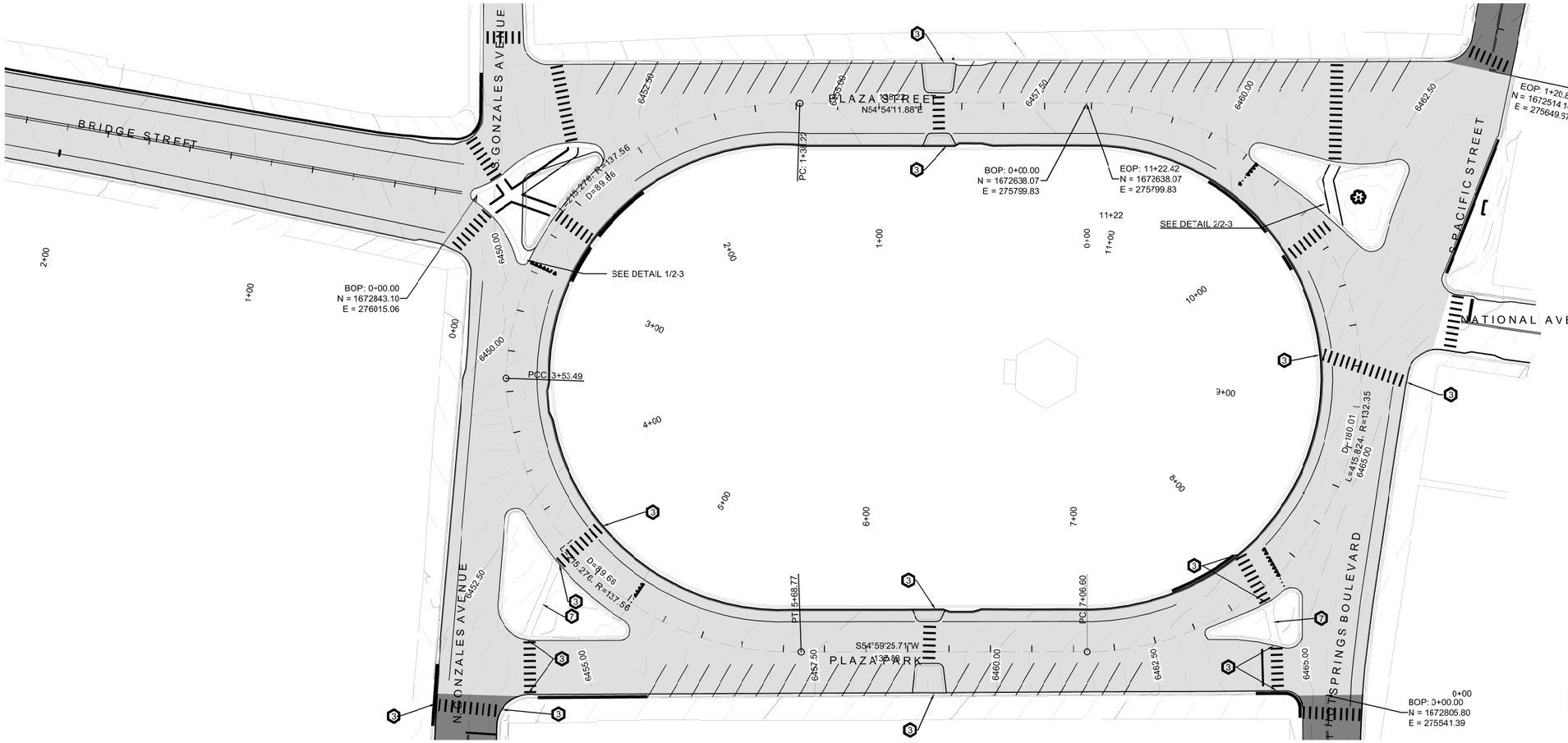
SEE SYMBOL LEGEND ON SHEET 1-2

ARAGON, DANNY
28-Feb-17

Drawing File: C:\USERS\DJARAGON\DESKTOP\ART\NATIONAL AVE\MASTER\3-3-4.DWG
10:52 AM

NEW MEXICO PROJECT NO. LP40002

SHEET NO. 3-3



KEYED NOTES

1. REMOVE EXISTING RAMP. BUILD CURB AND GUTTER TYPE B 6"X24" AND 4" CONCRETE SIDEWALK. MATCH EXISTING, ADJACENT LINES AND GRADES. SEE NMDOT STANDARD DRAWING 609-01-1/1.
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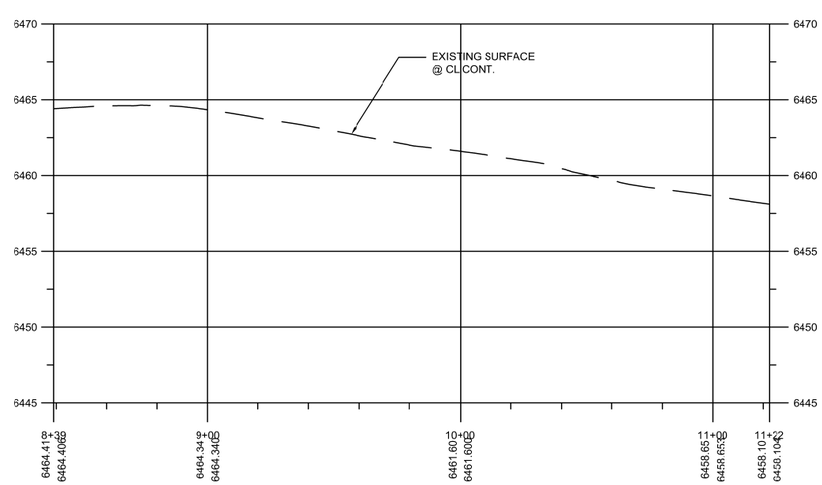
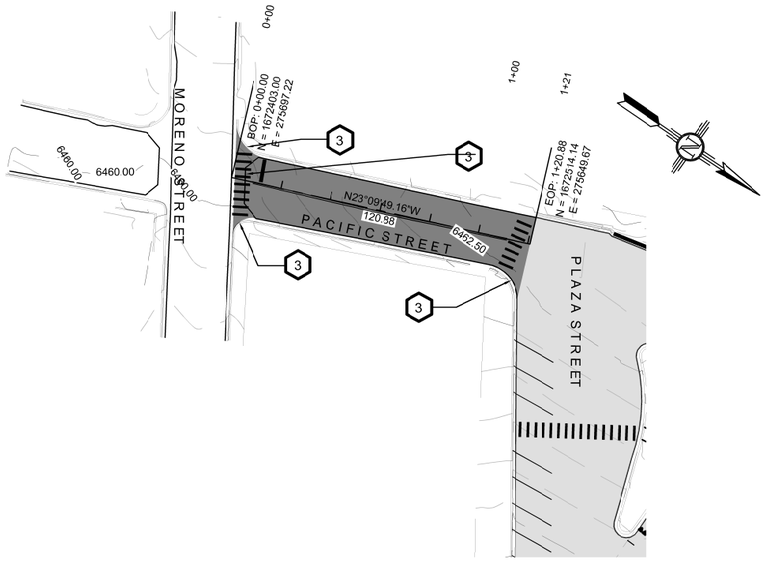
5. REMOVE EXISTING SIDEWALK.
6. BUILD CURB AND GUTTER TYPE B 6"X24". SEE NMDOT STANDARD DRAWING 609-01-1/1.
7. BUILD 4' SIDEWALK WITH DETECTABLE WARNING SURFACE AT STREET CROSSINGS (3 EACH). SEE NMDOT STANDARD DRAWINGS 608-001-8 AND 609-01-1/1.

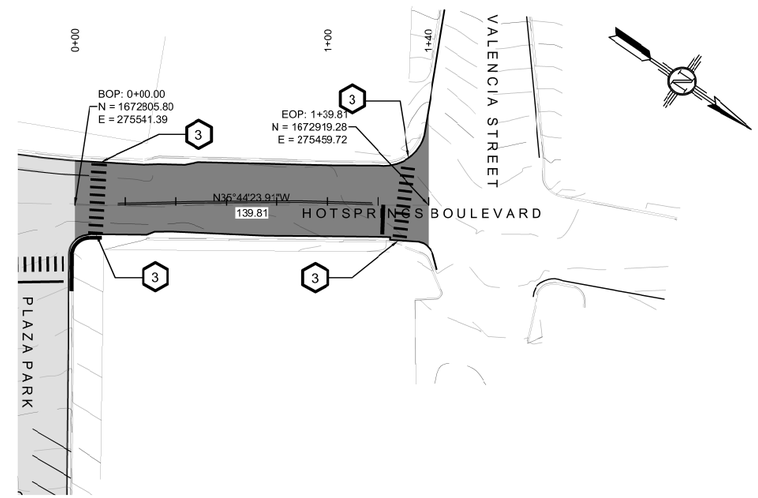
FULL DEPTH RECONSTRUCTION
MILL & OVERLAY

PLAN DRAWING FULL SCALE:1:30 HALF SCALE:1:60
HORIZONTAL FULL SCALE:1:30 HALF SCALE:1:60 / VERTICAL FULL SCALE:1:5 HALF SCALE:1:10



SEE SYMBOL LEGEND ON SHEET 1-2





KEYED NOTES

1. REMOVE EXISTING RAMP. BUILD CURB AND GUTTER TYPE B 6"X24" AND 4" CONCRETE SIDEWALK. MATCH EXISTING, ADJACENT LINES AND GRADES. SEE NMDOT STANDARD DRAWING 609-01-1/1.
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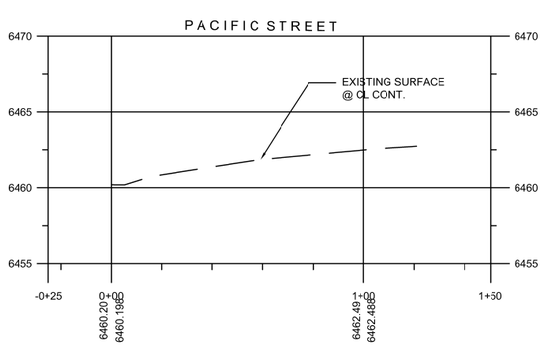
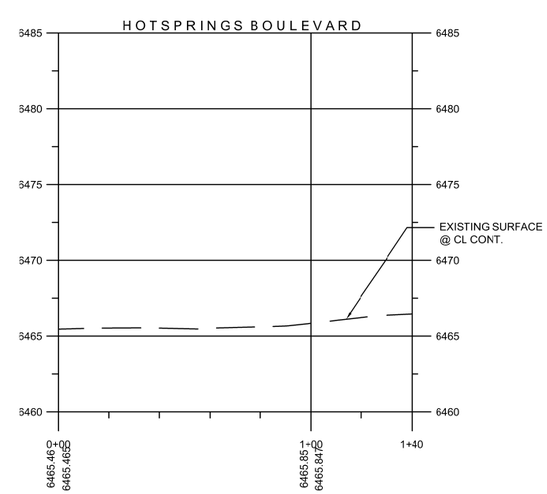
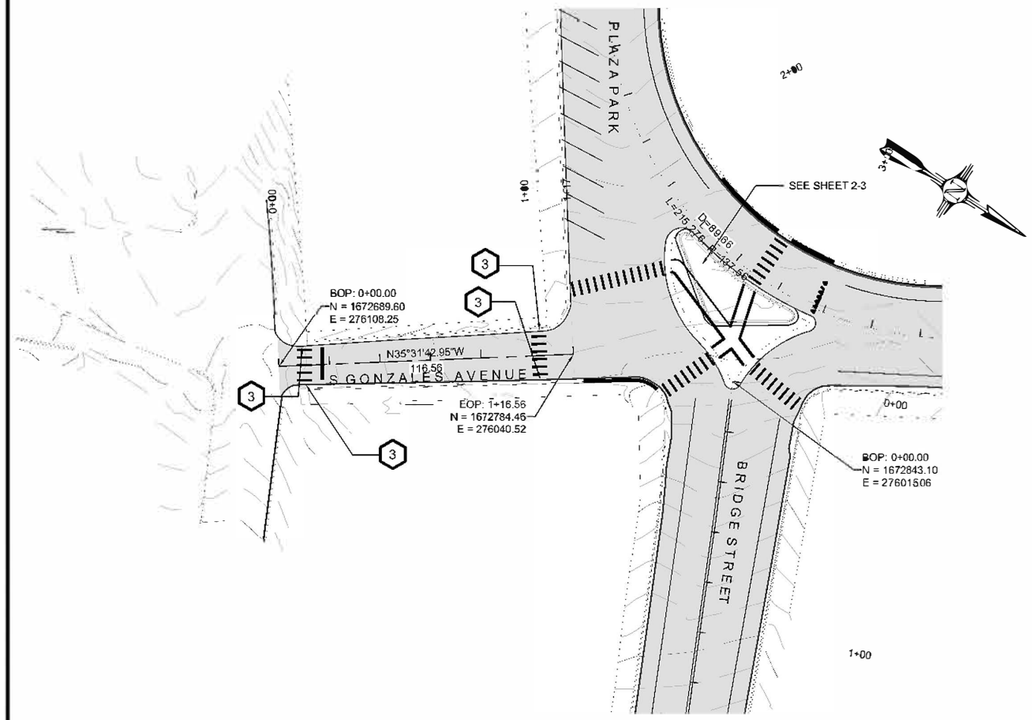
FULL DEPTH RECONSTRUCTION
MILL & OVERLAY

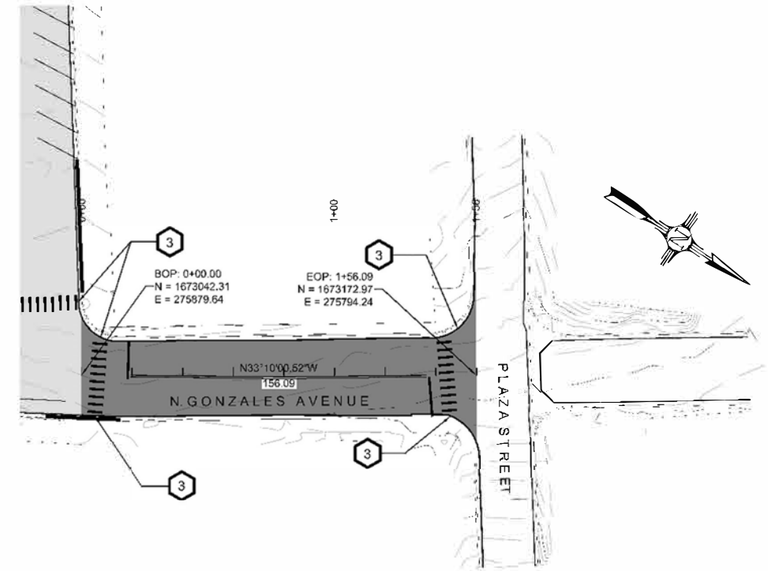
PLAN DRAWING FULL SCALE:1:30 HALF SCALE:1:60
HORIZONTAL FULL SCALE:1:30 HALF SCALE:1:60 / VERTICAL FULL SCALE:1:5 HALF SCALE:1:10





SEE SYMBOL LEGEND ON SHEET 1-2





KEYED NOTES

1. REMOVE EXISTING RAMP. BUILD CURB AND GUTTER TYPE B 6"X24" AND 4" CONCRETE SIDEWALK. MATCH EXISTING, ADJACENT LINES AND GRADES. SEE NMDOT STANDARD DRAWING 609-01-1/1.
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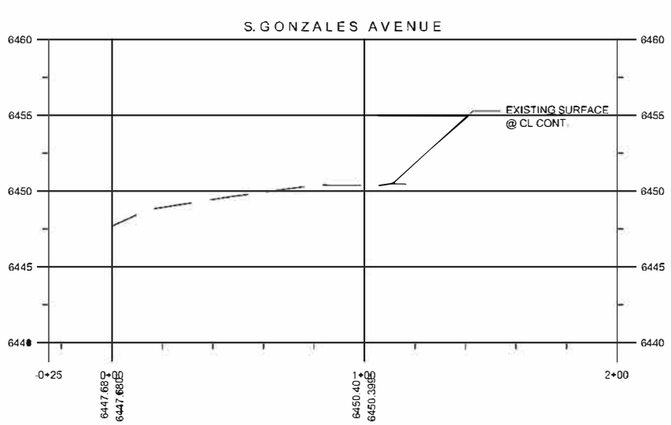
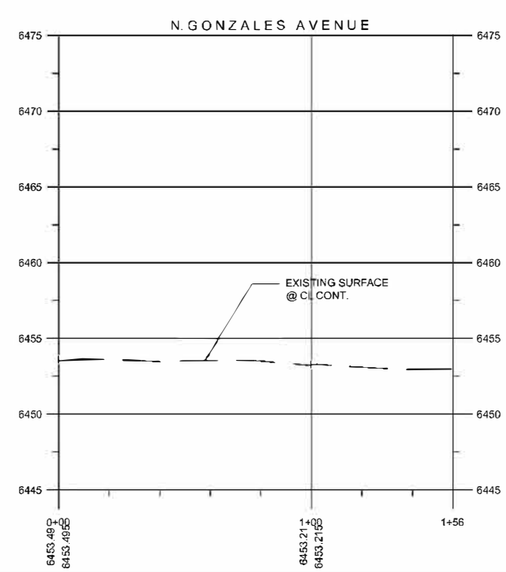
5. REMOVE EXISTING SIDEWALK.
6. BUILD CURB AND GUTTER TYPE B 6"X24". SEE NMDOT STANDARD DRAWING 609-01-1/1.
7. BUILD 4" SIDEWALK WITH DETECTABLE WARNING SURFACE AT STREET CROSSINGS (3 EACH). SEE NMDOT STANDARD DRAWINGS 608-001-8 AND 609-01-1/1.

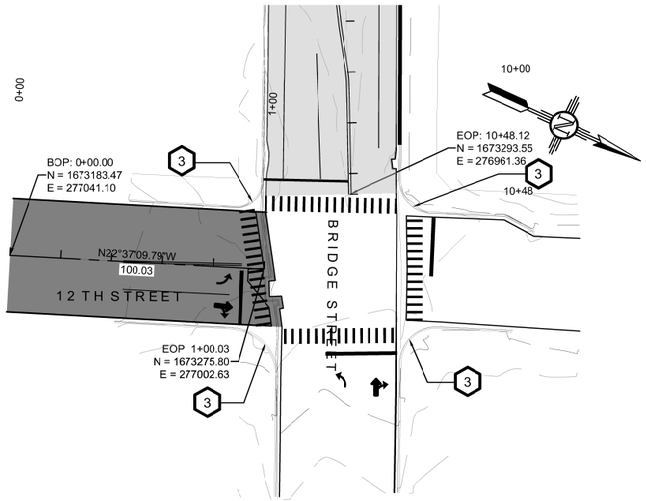
FULL DEPTH RECONSTRUCTION
MILL & OVERLAY

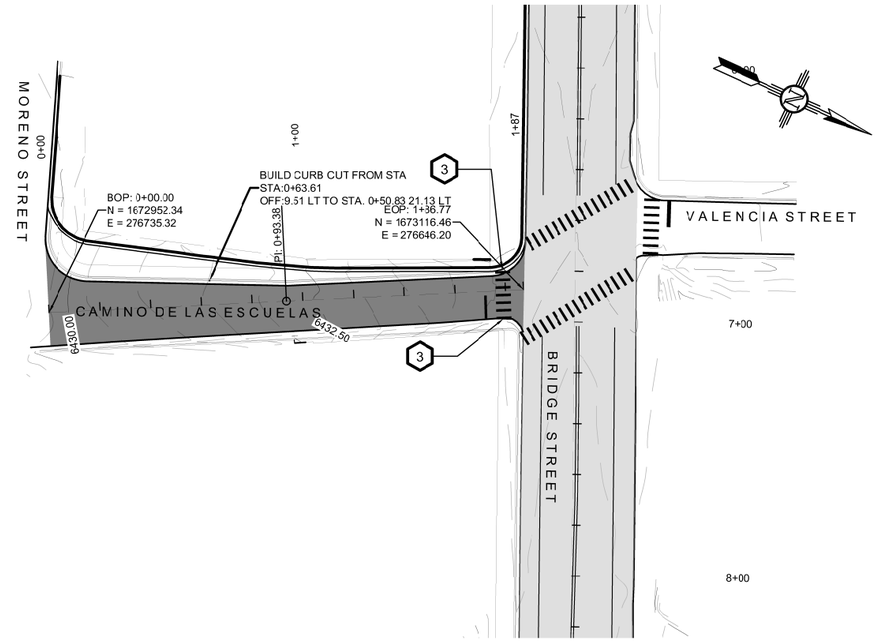
PLAN DRAWING FULL SCALE:1:30 HALF SCALE:1:60
HORIZONTAL FULL SCALE:1:30 HALF SCALE:1:60 / VERTICAL FULL SCALE:1:5 HALF SCALE:1:10





SEE SYMBOL LEGEND ON SHEET 1-2





KEYED NOTES

1. REMOVE EXISTING RAMP. BUILD CURB AND GUTTER TYPE B 6"X24" AND 4" CONCRETE SIDEWALK. MATCH EXISTING, ADJACENT LINES AND GRADES. SEE NMDOT STANDARD DRAWING 609-01-1/1.
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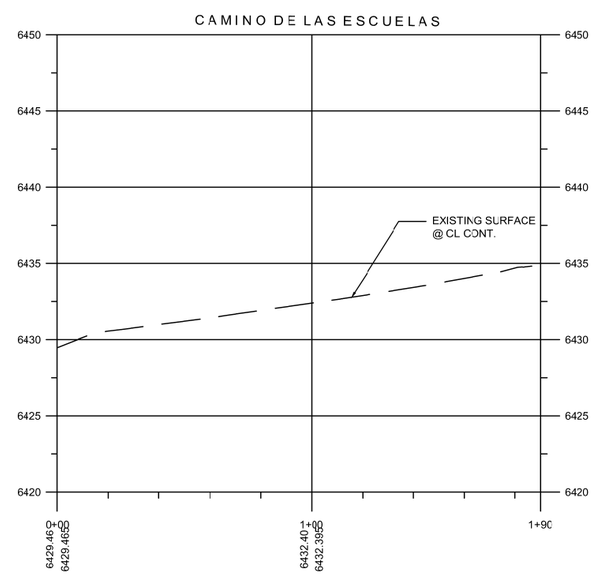
7. BUILD 4' SIDEWALK WITH DETECTABLE WARNING SURFACE AT STREET CROSSINGS (3 EACH). SEE NMDOT STANDARD DRAWINGS 608-001-8 AND 609-01-1/1.

FULL DEPTH RECONSTRUCTION
MILL & OVERLAY

PLAN DRAWING FULL SCALE:1:30 HALF SCALE:1:60
HORIZONTAL FULL SCALE:1:30 HALF SCALE:1:60 / VERTICAL FULL SCALE:1:5 HALF SCALE:1:10



SEE SYMBOL LEGEND ON SHEET 1-2

NATIONAL AVENUE SUGGESTED SEQUENCE OF CONSTRUCTION

1. COMPLETE UNDERGROUND UTILITIES BY CLOSING SHOULDER OR ONE LANE AS NEEDED. SEE SHEET 6-3

2. COMPLETE SE AND SW ISLANDS, CAMINO DE LAS ESCUELAS CURBS AND SIDEWALKS, AND ADA RAMP IMPROVEMENTS BY CLOSING ONE LANE AT A TIME. SEE SHEET 6-3.

3. COMPLETE FULL DEPTH RECONSTRUCTION USING FULL ROAD CLOSURES AND DETOURS. SEE SHEET 6-2.

4. COLD MILL AND INLAY REMAINING STREETS BY CLOSING HALF OF THE STREET AT A TIME. SEE SHEETS 6-2 AND 6-3.

5. INSTALL SIGNING AND STRIPING.

TRAFFIC CONTROL GENERAL NOTES

1. FOR TRAFFIC CONTROL GENERAL NOTES SEE NMDOT STANDARD DRAWING 702-01-1/1.

2. FOR PAVEMENT MARKINGS SEE NMDOT STANDARD DRAWING 702-02-1/1.

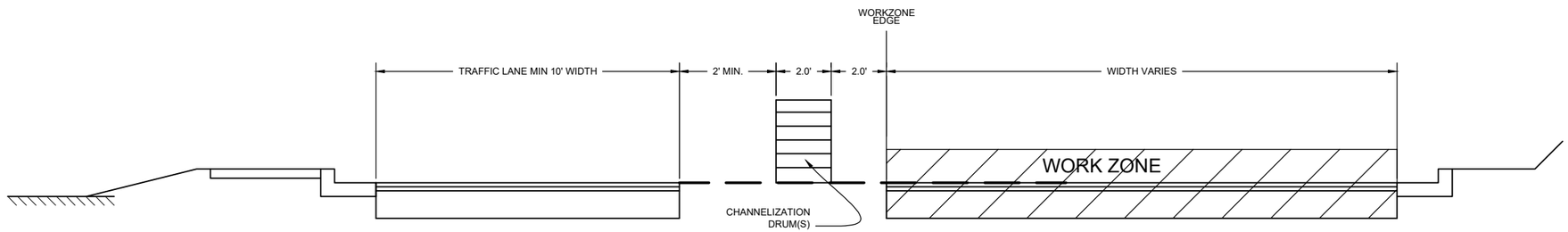
NO.	DESCRIPTION	DATE	BY
2			
1			

REVISIONS (OR CHANGE NOTICES)

Stantec
1601 CAMINO DEL CORONADO
TUCUMCARI, NEW MEXICO 88401
(575) 461-0181 (OFFICE)
(575) 708-2555 (FAX)

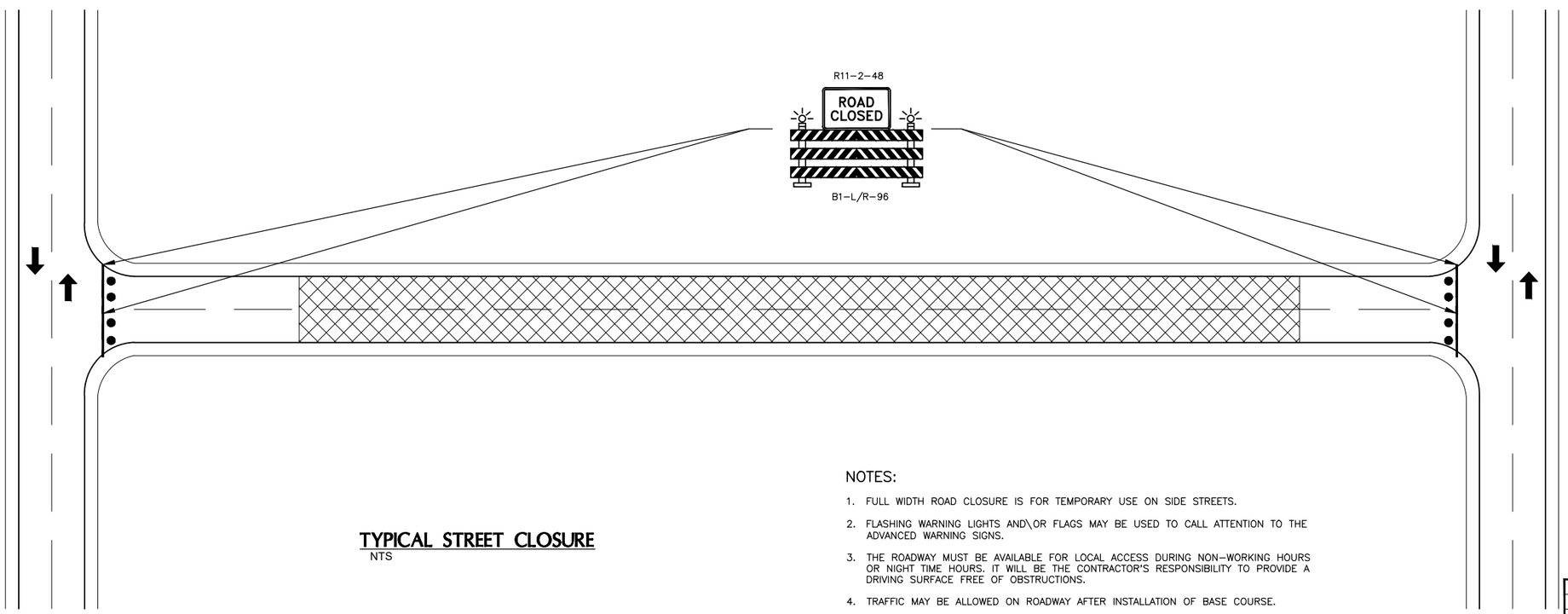
SHEET TITLE:

SUGGESTED SEQUENCE OF CONSTRUCTION



TYPICAL SECTION LANE CLOSURE

NTS



TYPICAL STREET CLOSURE

NTS

NOTES:

1. FULL WIDTH ROAD CLOSURE IS FOR TEMPORARY USE ON SIDE STREETS.
2. FLASHING WARNING LIGHTS AND\OR FLAGS MAY BE USED TO CALL ATTENTION TO THE ADVANCED WARNING SIGNS.
3. THE ROADWAY MUST BE AVAILABLE FOR LOCAL ACCESS DURING NON-WORKING HOURS OR NIGHT TIME HOURS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A DRIVING SURFACE FREE OF OBSTRUCTIONS.
4. TRAFFIC MAY BE ALLOWED ON ROADWAY AFTER INSTALLATION OF BASE COURSE.
5. MAINTAIN DRIVEWAY ACCESS.

NO.	DESCRIPTION	DATE	BY
2			
1			

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TUCUMCARI, NEW MEXICO 88401
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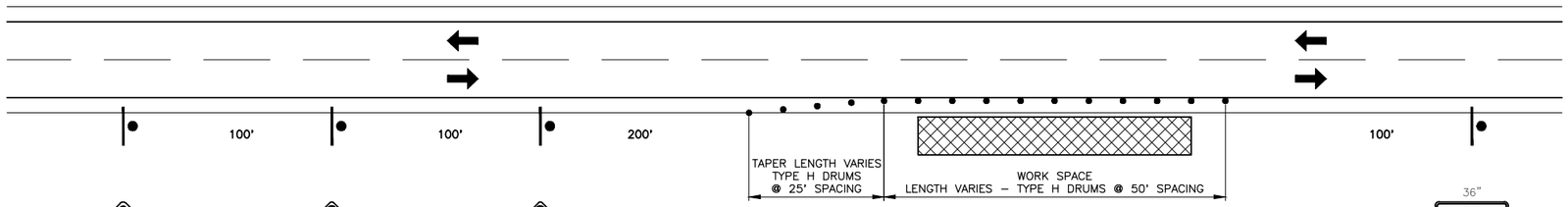
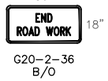
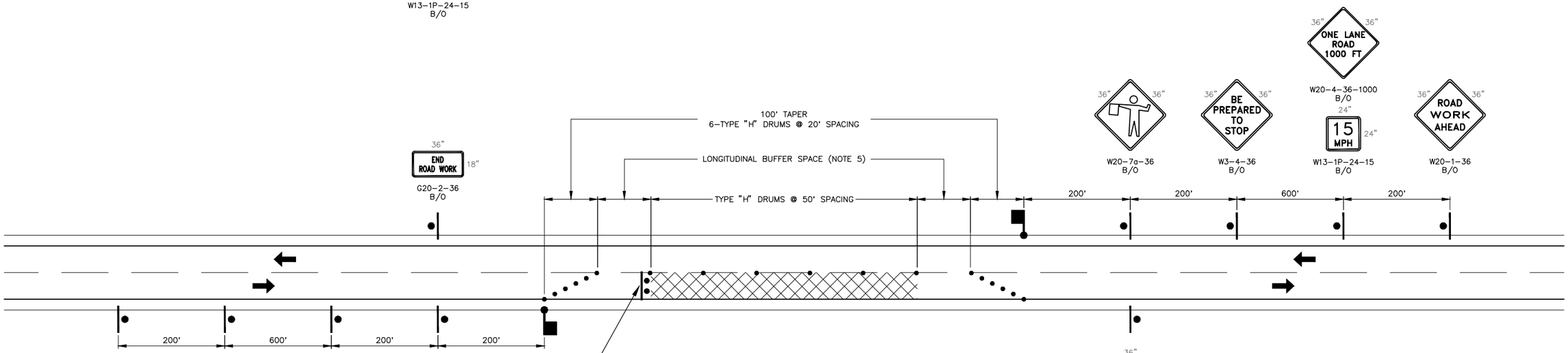
SHEET TITLE:

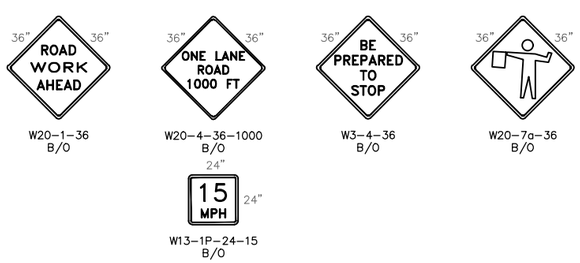
CONSTRUCTION TRAFFIC CONTROL DETAILS





TYPICAL DRUM PLACEMENT
SHOULDER WORK (LEFT OR RIGHT)





TWO LANE ROADWAY ONE LANE CLOSURE
TYPICAL SIGNING – WORKING HOURS

NOTES:

1. FLOOD LIGHTS SHALL BE PROVIDED TO MARK FLAGGER STATIONS AT NIGHT AS NEEDED. THIS SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THIS PROJECT AND NO PAYMENT OR MEASUREMENT SHALL BE MADE THEREFOR.

2. FOR LOW–VOLUME APPLICATIONS, A SINGLE FLAGGER MAY BE ADEQUATE SUCH AS FOR SHORT WORK AREAS ON STRAIGHT ROADWAYS. THE FLAGGER MUST BE VISIBLE TO APPROACHING TRAFFIC FROM BOTH DIRECTIONS.

3. FLASHING WARNING LIGHTS AND\OR FLAGS MAY BE USED TO CALL ATTENTION TO THE ADVANCED WARNING SIGNS.

4. IN THE EVENT THAT A TAPER OCCURS IN A HORIZONTAL CURVE, A LONGITUDINAL BUFFER SPACE SHALL BE PROVIDED SO AS TO POSITION TAPER IN ADVANCE OF THE HORIZONTAL CURVE.

5. LONGITUDINAL BUFFER SPACE SHALL BE 100'.

NO.	DESCRIPTION	DATE	BY
2			
1			

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SHEET TITLE:

CONSTRUCTION TRAFFIC CONTROL TYPICAL SIGNING ONE LANE CLOSURE

SIGNING NOTES:

1. ALL SIGNS, UNLESS SPECIFIED, SHALL HAVE TYPE IX SHEETING FOR THE LEGEND, BORDER AND BACKGROUND. ONLY ALUMINUM PANEL SIGNS ARE PERMITTED.
2. QUANTITIES MAY VARY AS FIELD CONDITIONS DICTATE. THE CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES USED.
3. ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH N.M. STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (CURRENT APPROVED EDITION) AND ANY APPLICABLE SPECIAL PROVISION AND/OR SUPPLEMENTAL SPECIFICATIONS, SPECIAL NOTE OF SECTIONS 701.215 AND 701.452 AND ALSO THE CURRENT EDITION, WITH REVISIONS, OF THE M.U.T.C.D.
4. EACH SIGN FACE SHOWN ON PLANS SHALL MEET THE SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS MANUAL (2004-2012 SUPPLEMENT EDITION) FOR PROPER ARRANGEMENT, SPACING OF LETTERS LETTER HEIGHT, LETTER SERIES, SYMBOLS AND BORDERS FOR THE SPECIFIED SIZE AND MESSAGE AS SHOWN ON PLANS.
5. POST LENGTHS ARE BASED ON A MINIMUM OF 7 FT. FOR URBAN SECTIONS AND 5 FT. FOR RURAL SECTIONS. THE LENGTHS ARE MEASURED FROM THE BOTTOM OF THE SIGN TO THE NEAR EDGE OF THE DRIVING LANE.
6. THE LATERAL CLEARANCE OF SIGNS SHALL BE NO CLOSER THAN 2 FT. FROM FACE OF CURB IN URBAN AREAS.

   THE MINIMUM LATERAL OFFSET FOR POST-MOUNTED SIGNS SHALL BE 6 FEET FROM EDGE OF THE SHOULDER IN RURAL AREAS.
7. ALL SIGNING HARDWARE, INCLUDING BRACKETS, IS CONSIDERED INCIDENTAL TO SIGN INSTALLATION. NO PAYMENT WILL BE MADE THEREFOR.
8. POSTS SHALL BE 2 1/4" WITH 2 1/2" BASE TYPICAL.
9. THREE 4 LB/FT SIGN POST INSTALLATION APPROVED ONLY IF THE SPAN BETWEEN THE OUTER POSTS EXCEEDS 84” (SIGN WIDTH OF 96” OR GREATER).
10. THE CONTRACTOR SHALL VERIFY ALL SIGNING IS NOT OBSTRUCTED BY LANDSCAPING ON THIS PROJECT. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE PLACEMENT OF ALL SIGNING WITH THE PLACEMENT OF LANDSCAPING PRIOR TO INSTALLATION OF ALL SIGNAGE.
11. ALL EXISTING SIGNS DESIGNATED FOR REMOVAL OR REPLACEMENT SHALL BE SALVAGED AS DIRECTED BY THE PROJECT MANAGER. EXCEPT WHERE INDICATED THAT EXISTING SIGNS ARE TO BE RESET. THERE SHALL BE NO ADDITIONAL OR DIRECT PAYMENT FOR RESETTING OF EXISTING SIGNS.
12. ALL SIGNING AND STRIPING LOCATIONS IN THE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND PROJECT MANAGER BEFORE INSTALLATION.
13. SEE NMDOT STANDARD DRAWINGS 701-02-1/3, 701-02-2/3 AND 701-02-3/3 FOR SMALL SIGN INSTALLATION DETAILS.

STRIPING NOTES:

1. ALL PAVEMENT MARKING ARROWS, SYMBOLS, STOP BARS, AND CROSSING SHALL BE RETRO REFLECTIVE HIGH BUILD PAINT. TWO APPLICATIONS REQUIRED. THE MATERIAL SHALL BE ON THE NMDOT APPROVED PRODUCTS LIST.
2. THE TWO WAY LEFT ARROWS SHALL COMPLY WITH THE M.U.T.C.D. 2009 EDITION SECT. 3B.04. USE A 16' SPACING BETWEEN ARROWS-SEE FIGURE 3B-7 PAGE 357.
3. ALL RAISED MEDIAN NOSE CURB FACES SHALL BE PAINTED WITH RETRO REFLECTIVE YELLOW PAINT.
4. ALL STRIPING SHALL BE TWO COATS HIGH BOND.
5. SEE NMDOT STANDARD DRAWINGS 704-03-1/2 AND 703-03-2/2 FOR STRIPING DETAILS.

PERMANENT SIGNING AND STRIPING QUANTITIES

ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
701000	PANEL SIGNS	SF	174
701100	STEEL POSTS AND BASE POSTS FOR ALUMINUM PANEL SIGNS	LF	295
704000	RETROREFLECTORIZED PAINTED MARKINGS 4"	LF	15600
704706	HOT THERMOPLASTIC PAVEMENT MARKINGS 12"	LF	1580
704715	HOT THERMOPLASTIC PAVEMENT MARKING COMBINATION (THRU AND RIGHT) ARROW	EA	1
704716	HOT THERMOPLASTIC PAVEMENT MARKING COMBINATION (THRU AND LEFT) ARROW	EA	2
704717	HOT THERMOPLASTIC PAVEMENT MARKING RIGHT ARROW	EA	4
704718	HOT THERMOPLASTIC PAVEMENT MARKING LEFT ARROW	EA	2
704728	HOT THERMOPLASTIC PAVEMENT MARKING YIELD LINE	LF	64
704733	HOT THERMOPLASTIC PAVEMENT MARKING HANDICAPPED SYMBOL	EA	2

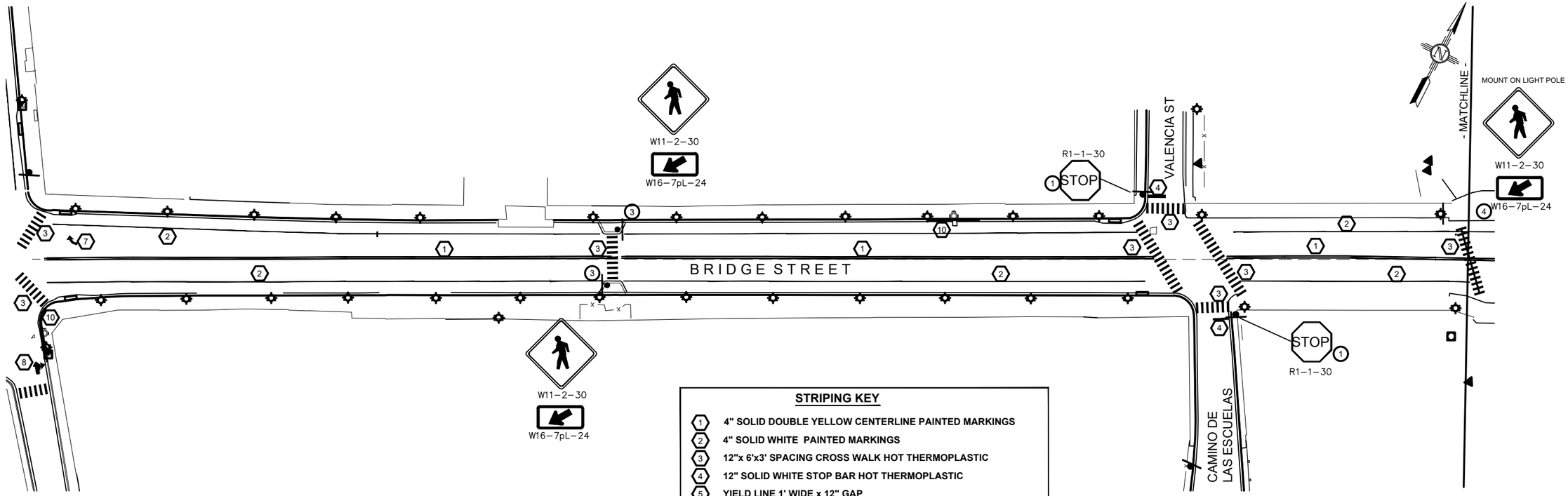
NO.	DESCRIPTION	DATE	BY
2			
1			

REVISIONS (OR CHANGE NOTICES)

Stantec
1601 CAMINO DEL CORONADO
TUCUMCARI, NEW MEXICO 88401
(575) 461-0181 (OFFICE)
(575) 708-2555 (FAX)

SHEET TITLE:

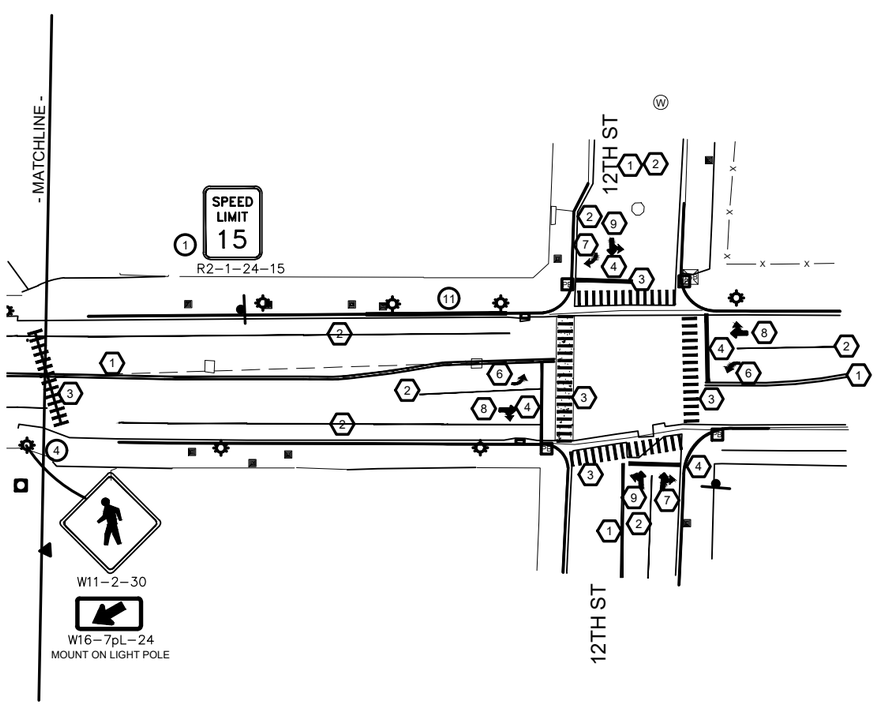
PERMANENT SIGNING AND STRIPING GENERAL NOTES AND QUANTITIES



PLAN DRAWING FULL SCALE:1:30 HALF SCALE:1:60
HORIZONTAL FULL SCALE:1:30 HALF SCALE:1:60

STRIPING KEY

1. 4" SOLID DOUBLE YELLOW CENTERLINE PAINTED MARKINGS
2. 4" SOLID WHITE PAINTED MARKINGS
3. 12"x 6'x3' SPACING CROSS WALK HOT THERMOPLASTIC
4. 12" SOLID WHITE STOP BAR HOT THERMOPLASTIC
5. YIELD LINE 1' WIDE x 12" GAP
6. LEFT TURN ARROW HOT THERMOPLASTIC
7. RIGHT TURN ARROW HOT THERMOPLASTIC
8. COMBINATION THRU-RIGHT TURN ARROW HOT THERMOPLASTIC
9. COMBINATION THRU-LEFT TURN ARROW HOT THERMOPLASTIC
10. RED PAINT ON CURB (15' BOTH SIDES OF FIRE HYDRANT)
11. YELLOW PAINT ON CURB



SIGNING KEY

1. REMOVE AND REPLACE EXISTING SIGN, POST AND BASE POST
2. REMOVE EXISTING SIGN, POST AND BASE POST
3. INSTALL NEW SIGN, POST AND BASE POST
4. INSTALL NEW SIGN ON EXISTING LIGHT POLE

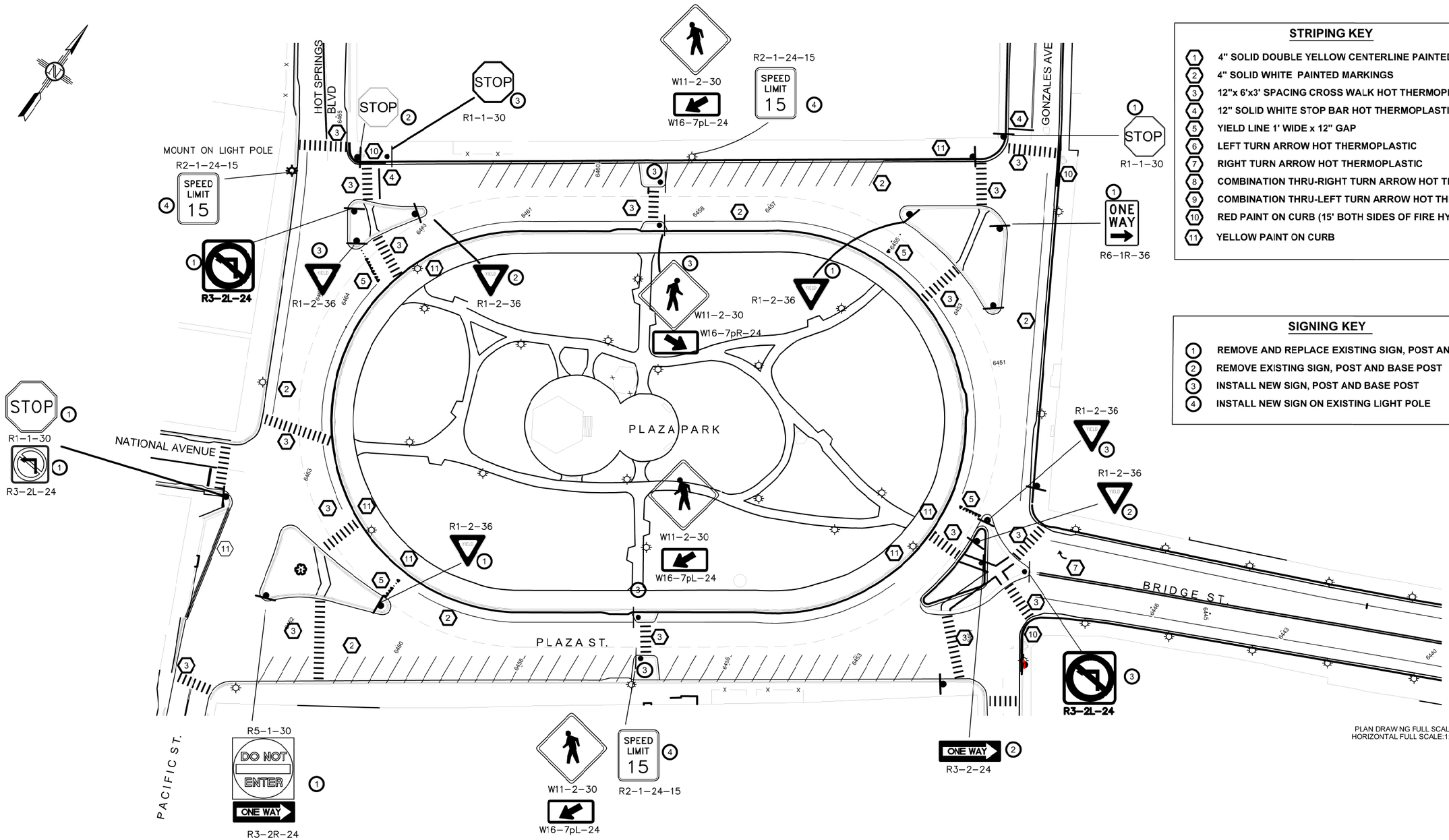
NO.	DESCRIPTION	DATE	BY
2			
1			

REVISIONS (OR CHANGE NOTICES)

Stantec
1601 CAMINO DEL CORONADO
TUCUMCARI, NEW MEXICO 88401
(575) 461-0181 (OFFICE)
(575) 708-2555 (FAX)

SHEET TITLE:

BRIDGE STREET PERMANENT SIGNING AND STRIPING PLAN



STRIPING KEY

1. 4" SOLID DOUBLE YELLOW CENTERLINE PAINTED MARKINGS
2. 4" SOLID WHITE PAINTED MARKINGS
3. 12"x 6'x3' SPACING CROSS WALK HOT THERMOPLASTIC
4. 12" SOLID WHITE STOP BAR HOT THERMOPLASTIC
5. YIELD LINE 1' WIDE x 12" GAP
6. LEFT TURN ARROW HOT THERMOPLASTIC
7. RIGHT TURN ARROW HOT THERMOPLASTIC
8. COMBINATION THRU-RIGHT TURN ARROW HOT THERMOPLASTIC
9. COMBINATION THRU-LEFT TURN ARROW HOT THERMOPLASTIC
10. RED PAINT ON CURB (15' BOTH SIDES OF FIRE HYDRANT)
11. YELLOW PAINT ON CURB

SIGNING KEY

1. REMOVE AND REPLACE EXISTING SIGN, POST AND BASE POST
2. REMOVE EXISTING SIGN, POST AND BASE POST
3. INSTALL NEW SIGN, POST AND BASE POST
4. INSTALL NEW SIGN ON EXISTING LIGHT POLE

PLAN DRAWING FULL SCALE:1:30 HALF SCALE:1:60
HORIZONTAL FULL SCALE:1:30 HALF SCALE:1:60

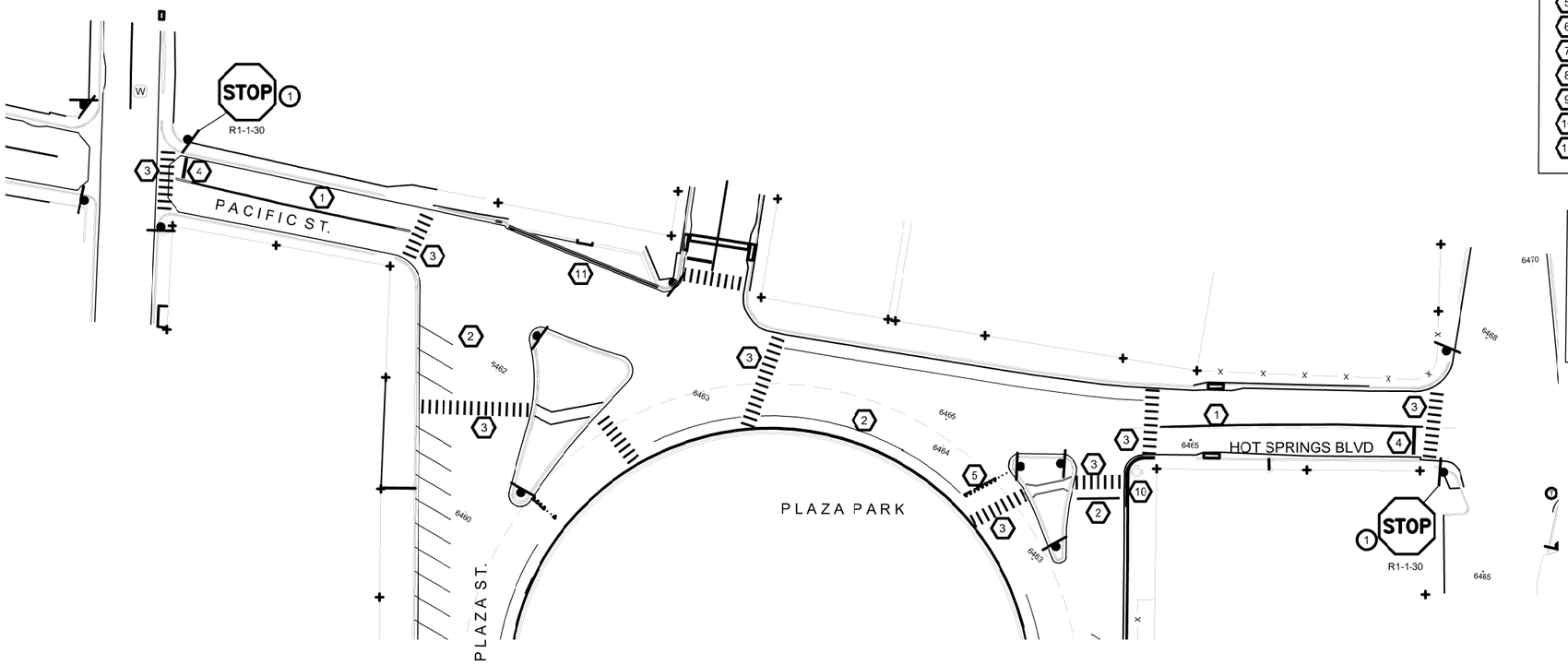
NO.	DESCRIPTION	DATE	BY
2			
1			

REVISIONS (OR CHANGE NOTICES)

Stantec
1601 CAMINO DEL CORONADO
TUCUMCARI, NEW MEXICO 88401
(575) 461-0181 (OFFICE)
(575) 708-2555 (FAX)

SHEET TITLE:

PLAZA STREET PERMANENT SIGNING AND STRIPING PLAN



STRIPING KEY

1. 4" SOLID DOUBLE YELLOW CENTERLINE PAINTED MARKINGS
2. 4" SOLID WHITE PAINTED MARKINGS
3. 12"x 6'x3' SPACING CROSS WALK HOT THERMOPLASTIC
4. 12" SOLID WHITE STOP BAR HOT THERMOPLASTIC
5. YIELD LINE 1' WIDE x 12" GAP
6. LEFT TURN ARROW HOT THERMOPLASTIC
7. RIGHT TURN ARROW HOT THERMOPLASTIC
8. COMBINATION THRU-RIGHT TURN ARROW HOT THERMOPLASTIC
9. COMBINATION THRU-LEFT TURN ARROW HOT THERMOPLASTIC
10. RED PAINT ON CURB (15' BOTH SIDES OF FIRE HYDRANT)
11. YELLOW PAINT ON CURB

SIGNING KEY

1. REMOVE AND REPLACE EXISTING SIGN, POST AND BASE POST
2. REMOVE EXISTING SIGN, POST AND BASE POST
3. INSTALL NEW SIGN, POST AND BASE POST
4. INSTALL NEW SIGN ON EXISTING LIGHT POLE

PLAN DRAWING FULL SCALE:1:30 HALF SCALE:1:60
HORIZONTAL FULL SCALE:1:30 HALF SCALE:1:60

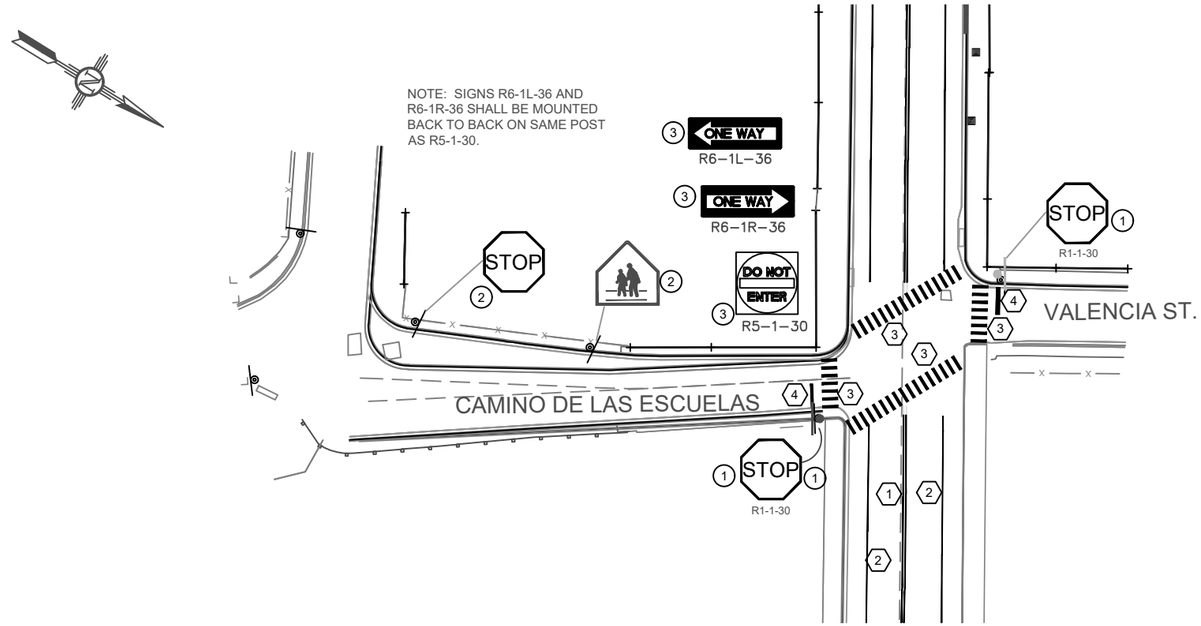
NO.	DESCRIPTION	DATE	BY
2			
1			

REVISIONS (OR CHANGE NOTICES)

Stantec
1601 CAMINO DEL CORONADO
TUCUMCARI, NEW MEXICO 88401
(575) 461-0181 (OFFICE)
(575) 768-2555 (FAX)

SHEET TITLE:

PACIFIC ST AND HOT SPRINGS BLVD PERMANENT SIGNING & STRIPING PLAN



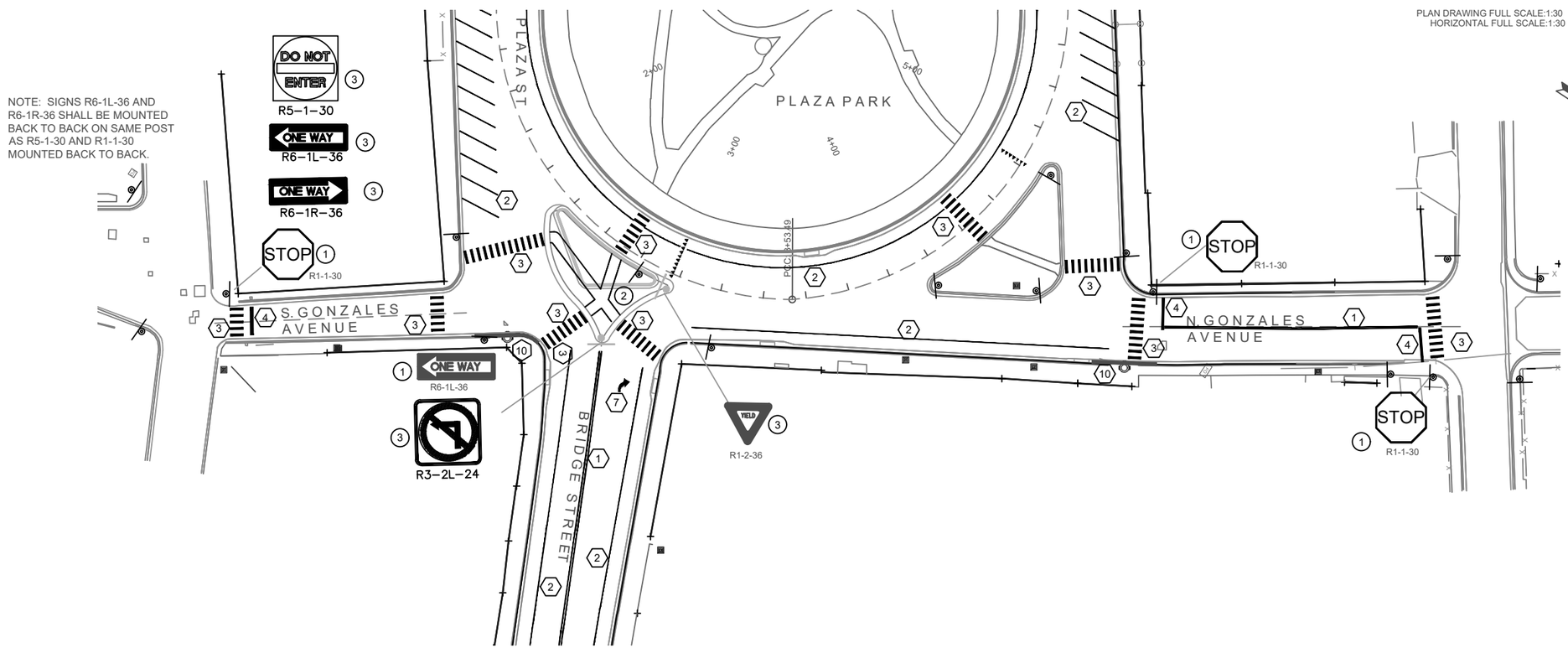
STRIPING KEY

1. 4" SOLID DOUBLE YELLOW CENTERLINE PAINTED MARKINGS
2. 4" SOLID WHITE PAINTED MARKINGS
3. 12"x 6'x3' SPACING CROSS WALK HOT THERMOPLASTIC
4. 12" SOLID WHITE STOP BAR HOT THERMOPLASTIC
5. YIELD LINE 1' WIDE x 12" GAP
6. LEFT TURN ARROW HOT THERMOPLASTIC
7. RIGHT TURN ARROW HOT THERMOPLASTIC
8. COMBINATION THRU-RIGHT TURN ARROW HOT THERMOPLASTIC
9. COMBINATION THRU-LEFT TURN ARROW HOT THERMOPLASTIC
10. RED PAINT ON CURB (15' BOTH SIDES OF FIRE HYDRANT)

SIGNING KEY

1. REMOVE AND REPLACE EXISTING SIGN, POST AND BASE POST
2. REMOVE EXISTING SIGN, POST AND BASE POST
3. INSTALL NEW SIGN, POST AND BASE POST
4. INSTALL NEW SIGN ON EXISTING LIGHT POLE
5. YIELD LINE 1' WIDE x 12" GAP

PLAN DRAWING FULL SCALE:1:30 HALF SCALE:1:60
HORIZONTAL FULL SCALE:1:30 HALF SCALE:1:60



NO.	DESCRIPTION	DATE	BY
2			
1			

REVISIONS (OR CHANGE NOTICES)

Stantec
1601 CAMINO DEL CORONADO
TUCUMCARI, NEW MEXICO 88401
(575) 461-0181 (OFFICE)
(575) 708-2555 (FAX)

SHEET TITLE:

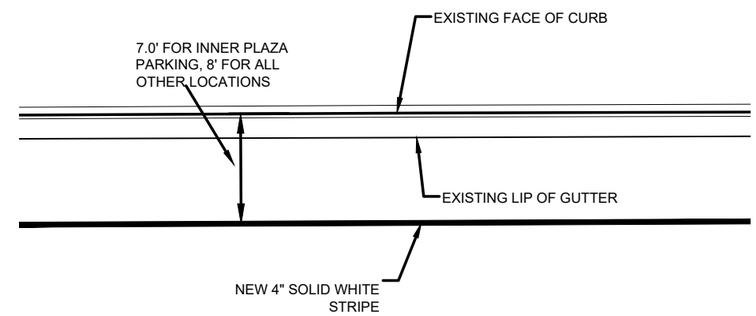
CAMINO DE LAS ESCUELAS & VALENCIA ST
N. GONZALES ST & S GONZALES ST
PERMANENT SIGNING & STRIPING PLAN

PERMANENT SIGNING QUANTITIES

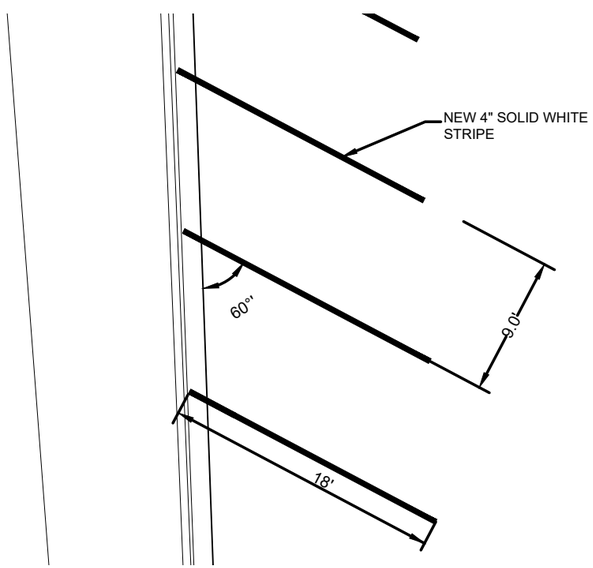
LOCATION	SIGN CODE	DESCRIPTION	QUANTITY	ITEM NO. 701000 PANEL SIGNS: SIGN WIDTH (IN.)	SIGN HEIGHT (IN.)	SIGN AREA (SQ. FT.)	ITEM NO. 701100 STEEL POSTS AND BASE POSTS FOR ALUMINUM PANEL SIGNS: POST: LT	CENTER	RT	LENGTH (LIN. FT.)	BASE POSTS: NO.	LENGTH (LIN. FT.)	TOTAL LENGTH (LIN. FT.)
PLAZA NW ISLAND	R1-2-36	YIELD	1	36	36	4.5		10.0		10	1	3.5	13.5
PLAZA SW ISLAND	R1-2-36	YIELD	1	36	36	4.5		10.0		10	1	3.5	13.5
PLAZA NE ISLAND	R1-2-36	YIELD	1	36	36	4.5		10.0		10	1	3.5	13.5
PLAZA SE ISLAND	R1-2-36	YIELD	1	36	36	4.5		10.0		10	1	3.5	13.5
PLAZA NW ISLAND	R3-2L-24	NO LEFT TURN	1	24	24	4		9.0		9	1	3.5	12.5
PLAZA SE ISLAND	R3-2L-24	NO LEFT TURN	1	24	24	4		9.0		9	1	3.5	12.5
PLAZA NE ISLAND	R6-2R-24	ONE WAY (RIGHT ARROW)	1	24	36	6.00		10.0		10	1	3.5	13.5
PLAZA	R2-1-24-15	SPEED LIMIT 15	2	24	36	12	MOUNT ON LIGHT POLES						
POLICE STATION	R7-8-12	RESERVED PARKING (HANDICAP)	2	12	18	3		8.5		17	1	3.5	20.5
PLAZA NW CORNER	R1-1-30	STOP SIGN	1	30	30	6.25		9.5		9.5	1	3.5	13.0
PLAZA SW ISLAND	R6-1R-36	ONE WAY (RT)	1	36	12	3.00	MOUNT WITH R5-1-30						
PLAZA SW ISLAND	R5-1-30	DO NOT ENTER	1	30	30	6.25		11.5		11.5	1	3.5	15.0
HOT SPRINGS BLVD	R1-1-30	STOP SIGN	1	30	30	6.25		9.5		9.5	1	3.5	13.0
PACIFIC ST.	R1-1-30	STOP SIGN	1	30	30	6.25		9.5		9.5	1	3.5	13.0
S. GONZALES	R6-1L-36	ONE WAY (LT)	1	36	12	3.00	MOUNT WITH R5-1-30						
S. GONZALES	R6-1R-36	ONE WAY (RT)	1	36	12	3.00	MOUNT WITH R5-1-30						
S. GONZALES	R5-1-30	DO NOT ENTER	1	30	30	6.25		11.5		11.5	1	3.5	15.0
S. GONZALES	R1-1-30	STOP SIGN	1	30	30	6.25	MOUNT WITH R5-1-30						
N. GONZALES	R1-1-30	STOP SIGN	1	30	30	6.25		9.5		9.5	1	3.5	13.0
N. GONZALES	R1-1-30	STOP SIGN	1	30	30	6.25		9.5		9.5	1	3.5	13.0
CAM. DE LAS ESCUELAS	R6-1L-36	ONE WAY (LT)	1	36	12	3.00	MOUNT WITH R5-1-30						
CAM. DE LAS ESCUELAS	R6-1R-36	ONE WAY (RT)	1	36	12	3.00	MOUNT WITH R5-1-30						
CAM. DE LAS ESCUELAS	R5-1-30	DO NOT ENTER	1	30	30	6.25		11.5		11.5	1	3.5	15.0
CAM. DE LAS ESCUELAS	R1-1-30	STOP SIGN	1	30	30	6.25		9.5		9.5	1	3.5	13.0
VALENCIA ST	R1-1-30	STOP SIGN	1	30	30	6.25		9.5		9.5	1	3.5	13.0
W. NATIONAL BLVD	R1-1-30	STOP SIGN	1	30	30	6.25		9.5		9.5	1	3.5	13.0
W. NATIONAL BLVD	R3-2L-24	NO LEFT TURN	1	24	24	4	MOUNT WITH R1-1-30						
BRIDGE ST CROSSING	W11-2-30	PEDESTRIAN CROSSING	2	30	30	12.5		10		19	4	14	33.0
BRIDGE ST CROSSING	W11-2-30	PEDESTRIAN CROSSING	2	30	30	12.5	MOUNT ON LIGHT POLES						
BRIDGE ST CROSSING	W16-7p-24	DOWN ARROW	4	24	12	8	MOUNT WITH W11-2-30						
		PROJECT TOTAL				**174.00**							**295.00**
		PROJECT USE				**174**							**295**

ITEM NO. 704000
RETROREFLECTORIZED PAINTED MARKINGS 4"

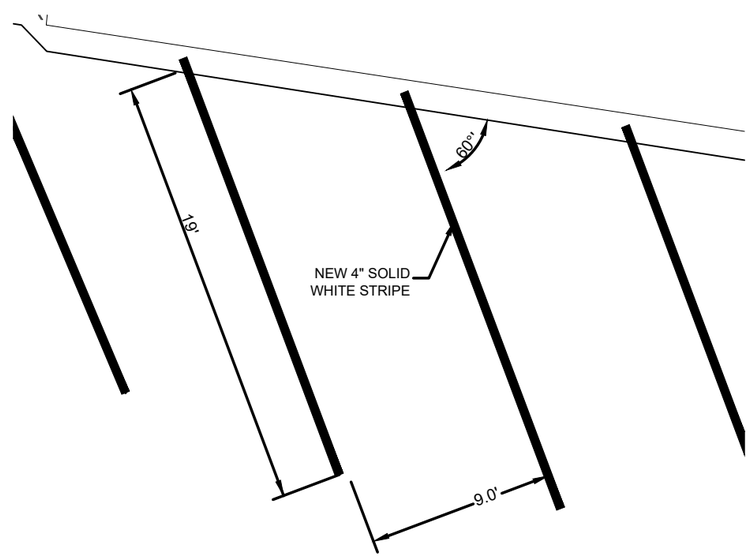
STA	TO	STA	LENGTH (FT.)	SOLID/DOUBLE YELLOW (LIN. FT.)	SOLID WHITE (LIN. FT.)		REMARKS
			NATIONAL AVE	1954			CENTER LINE
			NATIONAL AVE		1887		PARKING LINES LT & RT
			NATIONAL AVE		200		TURN LANES AT 12TH
			NATIONAL AVE	300			CENTER LINES AT 12TH
			PLAZA		800		PARKING LINES LT
			PLAZA		1213		ANGLED PARKING LINES
			PLAZA		350		PARKING LINES RT
			HOT SPRINGS BLVD	314			CENTER LINE
			N GONZALES AVE	234			CENTER LINE
			PACIFIC ST	210			CENTER LINE
			VARIOUS			60	RED CURBS
			VARIOUS			240	YELLOW CURBS
			TOTAL	7762			
			2 APPLICATIONS	15524			
			PROJECT USE	15600			



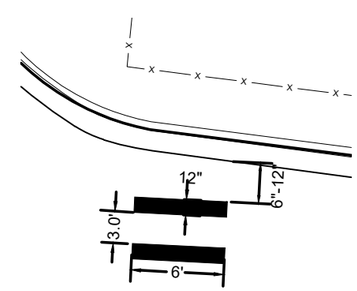
PARALLEL PARKING DETAIL
PLAN DRAWING FULL SCALE:1:10 HALF SCALE:1:20



PROPOSED BACK IN ANGLE PARKING DETAIL
PLAN DRAWING FULL SCALE:1:10 HALF SCALE:1:20



PROPOSED HEAD IN ANGLE PARKING DETAIL
PLAN DRAWING FULL SCALE:1:10 HALF SCALE:1:20



PROPOSED CROSSWALK DETAIL
PLAN DRAWING FULL SCALE:1:10 HALF SCALE:1:20

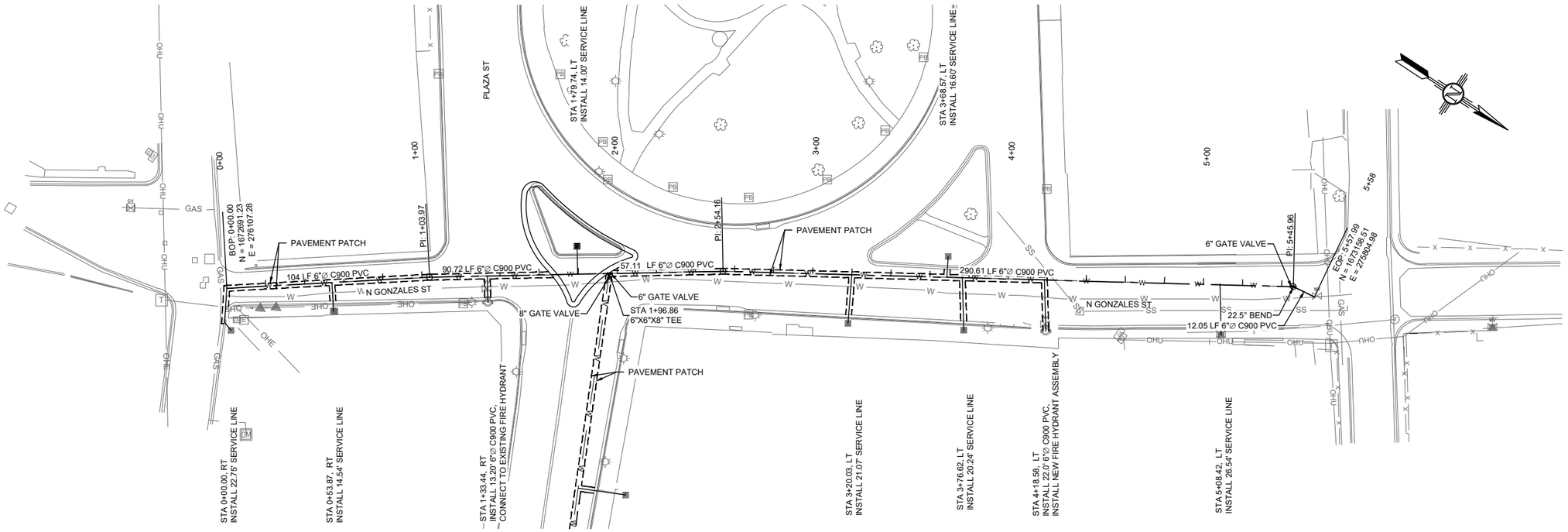
NO.	DESCRIPTION	DATE	BY
2			
1			

REVISIONS (OR CHANGE NOTICES)

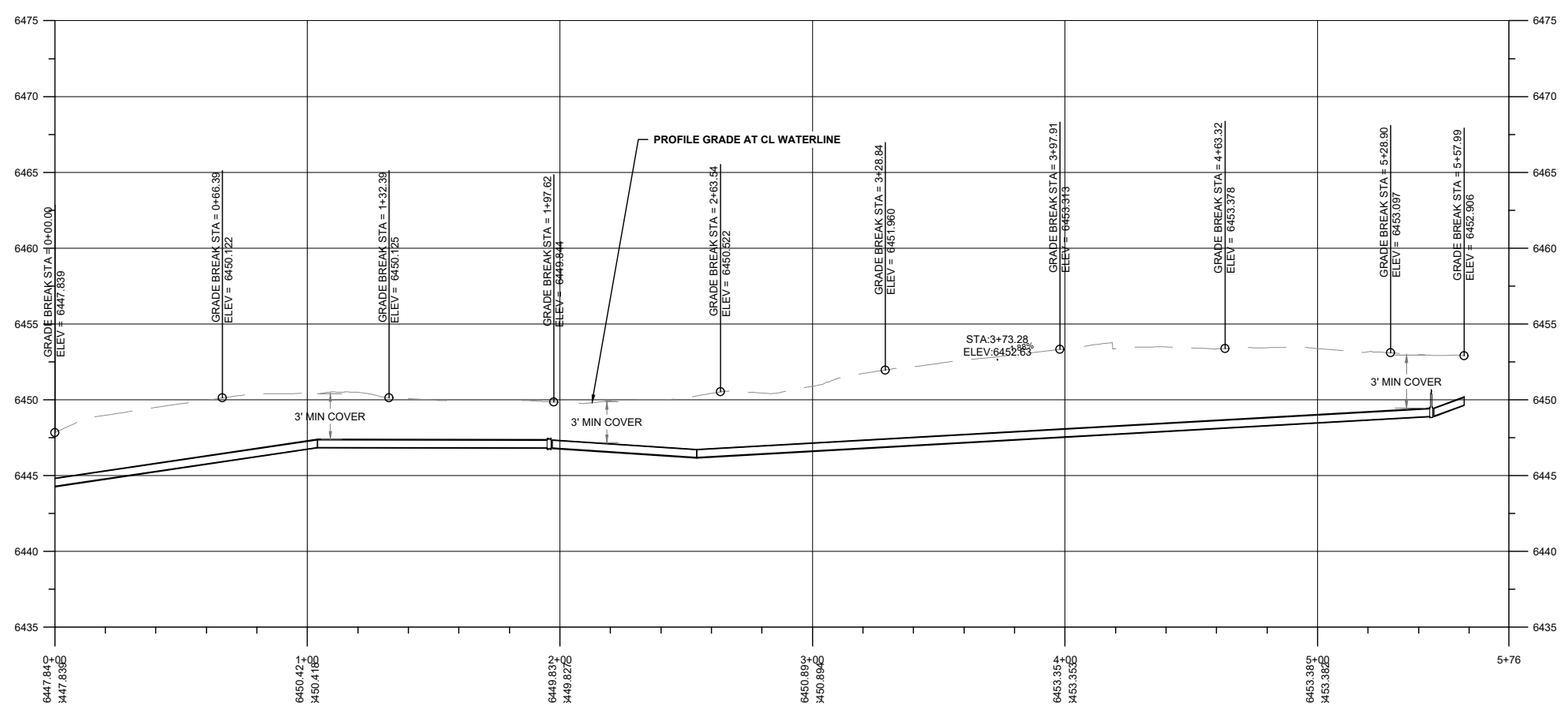
Stantec
1601 CAMINO DEL CORONADO
TUCUMCARI, NEW MEXICO 88401
(575) 461-0181 (OFFICE)
(575) 708-2555 (FAX)

SHEET TITLE:

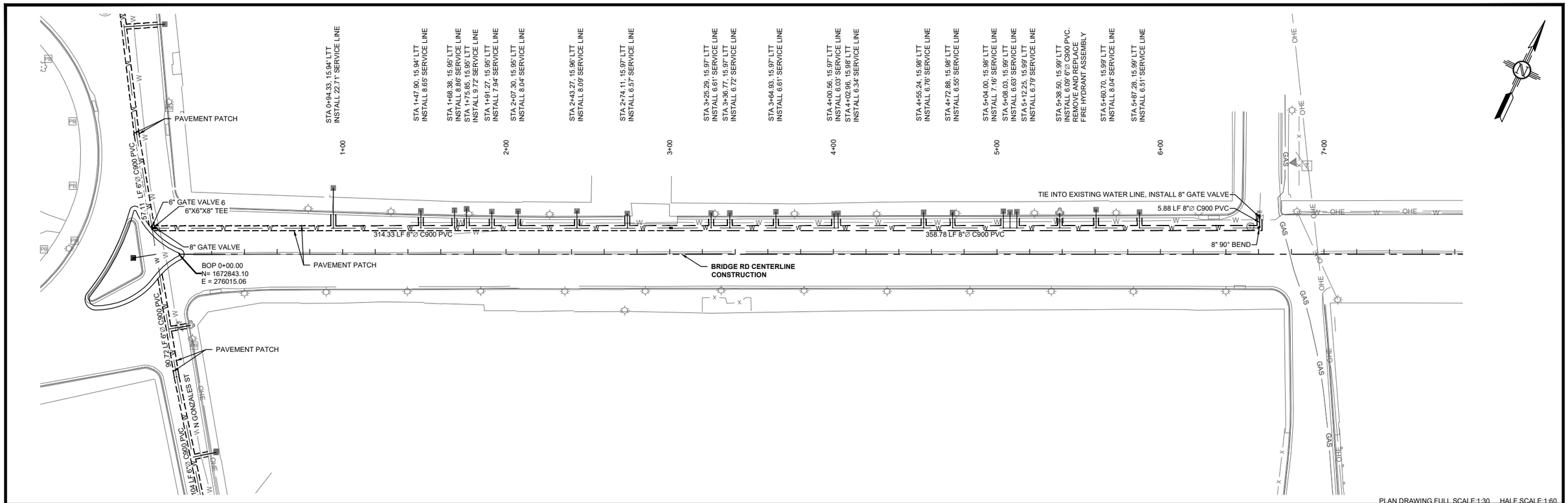
PERMANENT SIGNING AND STRIPING DETAILS AND QUANTITIES



PLAN DRAWING FULL SCALE:1:30 HALF SCALE:1:60
HORIZONTAL FULL SCALE:1:30 HALF SCALE:1:60 / VERTICAL FULL SCALE:1:5 HALF SCALE:1:10



SEE SYMBOL LEGEND ON SHEET 1-2



SEE SYMBOL LEGEND ON SHEET 1-2

INSTALL (2) 55' OF 4" RIGID PVC
INSTALL 55' OF 4" RIGID PVC
INSTALL 55' OF 4" RIGID PVC
INSTALL 57' OF 4" RIGID PVC
INSTALL 83.7' OF 4" RIGID PVC
PAVEMENT PATCH
PAVEMENT PATCH
PAVEMENT PATCH
PAVEMENT PATCH
PAVEMENT PATCH
INSTALL 45' OF 4" RIGID PVC
INSTALL 42' OF 4" RIGID PVC
PAVEMENT PATCH
PCC: 7+06.80
PT: 5+68.77
PCC: 3+53.49
INSTALL 38' OF 4" RIGID PVC
PAVEMENT PATCH
PAVEMENT PATCH
INSTALL 59' OF 4" RIGID PVC
INSTALL 77.4' OF 4" RIGID PVC
PAVEMENT PATCH
PAVEMENT PATCH
PAVEMENT PATCH
PLAZA ST CENTERLINE CONSTRUCTION
PC: 1+38.22
BOP: 0+00.00
N = 1672638.07
E = 275799.83
EOP: 11+22.42
N = 1672638.07
E = 275799.83
INSTALL 56' OF 4" RIGID PVC
INSTALL 58' OF 4" RIGID PVC

KEY NOTES

1. *INSTALL NEW PULL BOX - BASE BID*
2. *REMOVE AND REPLACE PULL BOX - BASE BID*
3. *REMOVE AND REPLACE PULL BOX - ALTERNATE BID #2*
4. *CONTRACTOR SHALL INSTALL 2" SCHEDULE 40 PVC AND PULL BOXES. CITY WILL COMPLETE ELECTRICAL HOOKUP FOR THE RELOCATED SIGN. CONTRACTOR SHALL COORDINATE WITH CITY FORCES TO SCHEDULE AND FACILITATE THIS WORK - BASE BID*

0 20 40 Feet

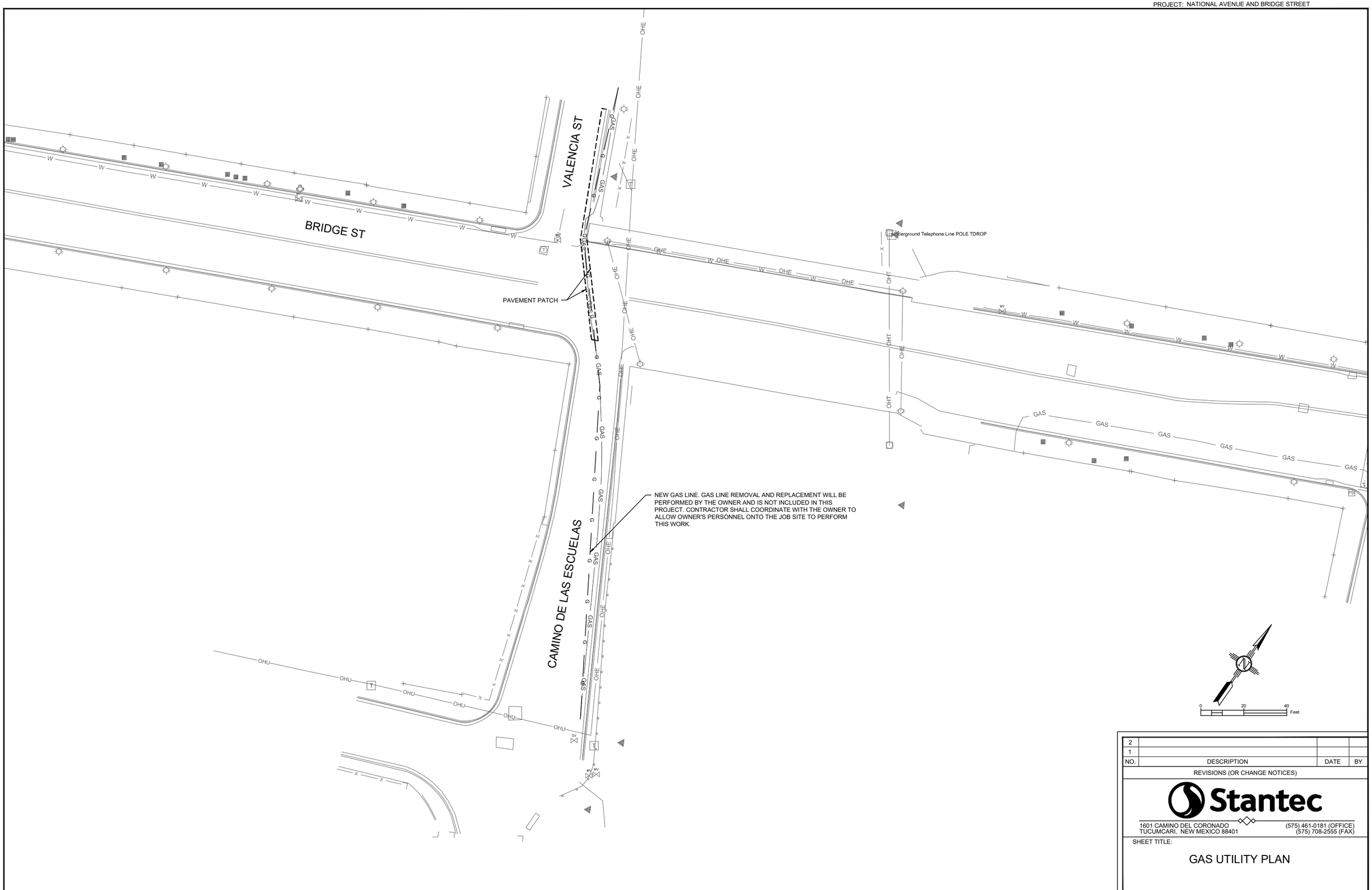
NO.	DESCRIPTION	DATE	BY
2			
1			

REVISIONS (OR CHANGE NOTICES)

Stantec
1601 CAMINO DEL CORONADO
TUCUMCARI, NEW MEXICO 88401
(575) 461-0181 (OFFICE)
(575) 708-2555 (FAX)

SHEET TITLE:

ELECTRIC UTILITY PLAN



NO.	DESCRIPTION	DATE	BY
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SHEET TITLE:

GAS UTILITY PLAN