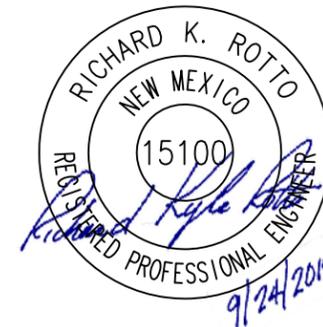
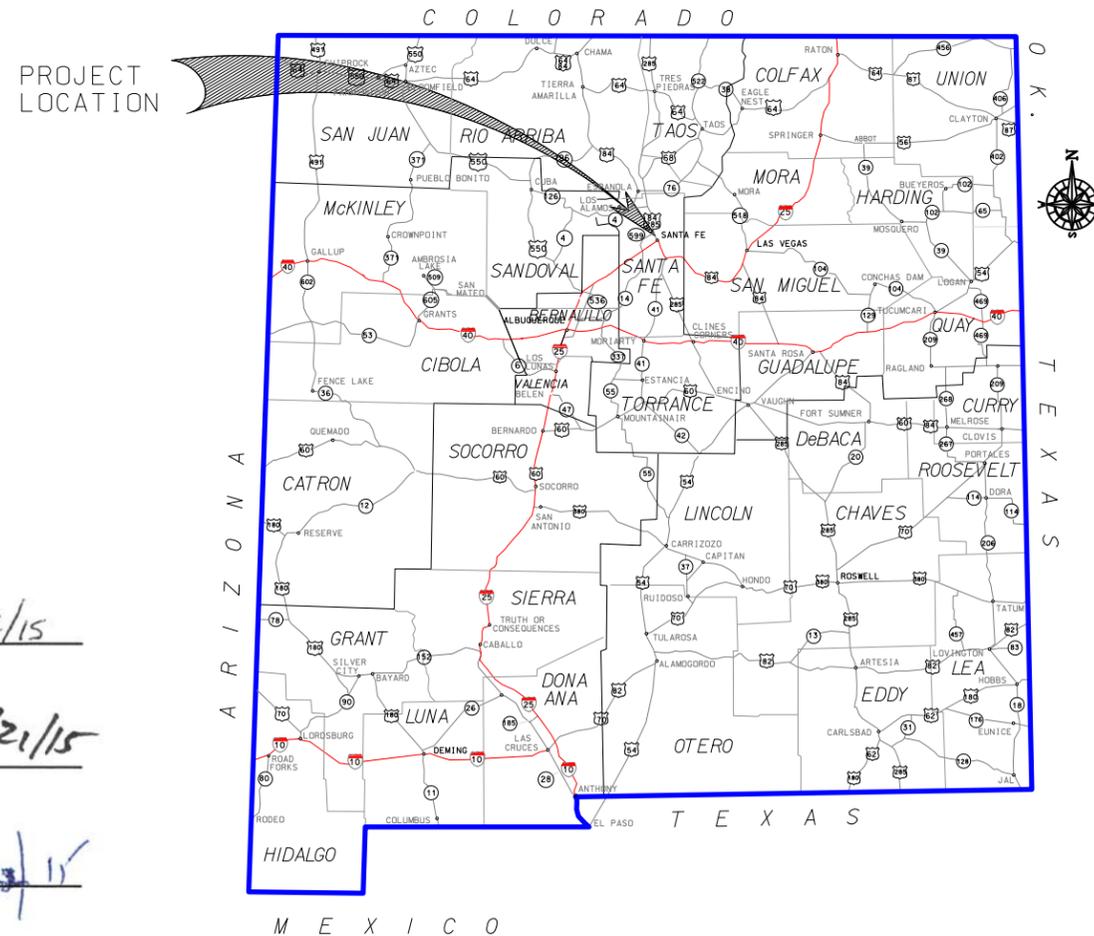


CITY OF SANTA FE NEW MEXICO PUBLIC WORKS DEPARTMENT CONSTRUCTION PLANS



DEFOURI AND GUADALUPE STREET BRIDGES

MAP-7649(901), CN: L500056
MAP-7649(903), CN: L500219
CIP NO #823



REVIEWED *[Signature]*
CITY PUBLIC WORKS DIRECTOR

DATE 10/22/15

REVIEWED *[Signature]*
ROADWAY AND TRAILS ENGINEERING

DATE 10/21/15

REVIEWED *[Signature]*
CITY ADA COORDINATOR

DATE 10/23/15

REVIEWED *[Signature]*
CITY HISTORIC PRESERVATION DIVISION

DATE 11.3.15



ENGINEERING

LOUIS BERGER
2019 GALISTEO STREET, SUITE M-1
SANTA FE, NEW MEXICO 87505
PHONE: 505-989-7788
FAX: 505-989-7788

LEGEND

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

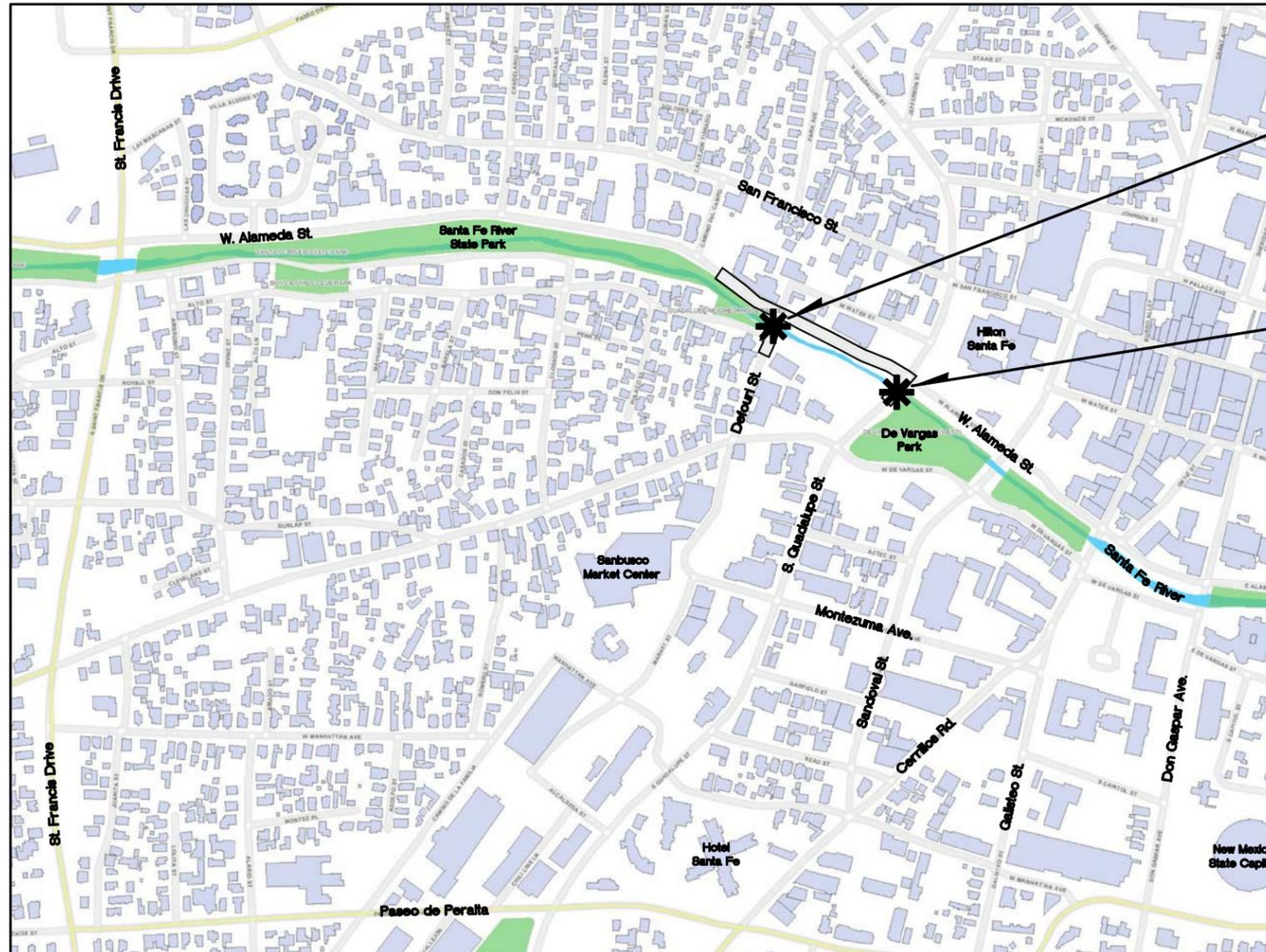


TOTAL LENGTH OF PROJECT 0.23 MILES



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	1-2



DEFOURI ST. BRIDGE
OVER THE SANTA FE RIVER
EXIST. BRIDGE No.: 4063
NEW BRIDGE No.: 9716

GUADALUPE ST. BRIDGE
OVER THE SANTA FE RIVER
EXIST. BRIDGE No.: 6944



VICINITY MAP

THESE PLANS WERE PREPARED AND/OR ASSEMBLED BY:
LOUIS BERGER GROUP, INC.
(505) 989-7788

THE 2014 EDITION OF THE NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION AND ANY PROJECT SPECIFIC CONTRACT DOCUMENTS SHALL GOVERN CONSTRUCTION OF THIS PROJECT.

PROJECT DESCRIPTION

BRIDGE REMOVAL AND REPLACEMENT, PAVING, PEDESTRIAN IMPROVEMENTS, CHANNEL RIPRAP, DRAINAGE, AND TRAFFIC CONTROL.

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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
VICINITY MAP



INDEX OF SHEETS

NUMBER	DESCRIPTION	REV.DATE	SERIAL
1-SHEETS			
1-1	COVER SHEET		
1-2	VICINITY MAP		
1-3	INDEX OF SHEETS / INDEX OF NMDOT STANDARD DRAWINGS		
1-4	SUMMARY OF QUANTITIES/INCIDENTAL ITEMS		
1-5 to 1-6	GENERAL NOTES		
1-7	ENVIRONMENTAL COMMITMENTS		
SUBTOTAL = 7 SHEETS			
2-SHEETS			
2-1 to 2-3	TYPICAL SECTIONS		
2-4	MINOR PAVING PLAN		
2-5	MISCELLANEOUS DETAILS		
2-6	ESTIMATED STRUCTURE QUANTITIES		
2-7 to 2-8	MISCELLANEOUS QUANTITIES		
2-9	TEMP. EROSION AND SEDIMENT CONTROL MEASURES/QUANTITIES		
2-10 to 2-15	REMOVALS PLAN AND ELEVATION		
2-16	DEFOURI ST. GEOMETRIC LAYOUT		
2-17 to 2-19	W. ALAMEDA ST. GEOMETRIC LAYOUT		
2-20	GUADALUPE ST. GEOMETRIC LAYOUT		
2-21 to 2-22	CURB RAMP DETAILS		
2-23	SIDEWALK CULVERT DETAILS		
SUBTOTAL = 23 SHEETS			
3-SHEETS			
3-0	SURVEY DATA		
3-00	S.U.E. DATA DEFOURI STREET		
3-000	S.U.E. DATA GUADALUPE STREET		
3-1	DEFOURI ST. PLAN AND PROFILE		
SUBTOTAL = 4 SHEET			
4-SHEETS			
4-1	TURNOUT PROFILES		
SUBTOTAL = 1 SHEET			
5-SHEETS			
5-1 to 5-22	DEFOURI ST. BRIDGE PLANS		
5A-1 to 5A-12	GUADALUPE ST. BRIDGE PLANS		
SUBTOTAL = 34 SHEETS			
6-SHEETS			
6-1 to 6-15	TRAFFIC CONTROL PLANS		
SUBTOTAL = 15 SHEETS			
7-SHEETS			
7-1 to 7-4	PERMANENT SIGNING AND STRIPING PLANS		
SUBTOTAL = 4 SHEET			
10-SHEETS			
10-1	STRUCTURE PLACEMENT SECTIONS		
SUBTOTAL = 1 SHEET			
TOTAL = 89 SHEETS			

INDEX OF NMDOT STANDARD DRAWINGS

NUMBER	DESCRIPTION	REV.DATE	SERIAL
	CORRUGATED METAL CULVERT AND PIPE ARCHES BEDDING AND BACKFILL DETAILS	08-29-08	206-07-1/1
	EXCAVATION AND BACKFILL FOR BRIDGES, WALLS, AND CBC'S	08-27-08	210-01-1/1
	METAL RAILING TYPE "D"	11-13-09	543-03-1/2
	METAL RAILING TYPE "D" DETAILS	11-13-09	543-03-2/2
	PREFORMED CLOSED CELL FOAM BRIDGE JOINT SEAL	06-24-13	564-01-1/1
	WIRE ENCLOSED RIP-RAP CLASS "A"	11-16-09	602-01-1/1
	TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES	11-29-04	603-01-1/7
	TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SILT FENCE	11-29-04	603-01-3/7
	PEDESTRIAN RAILING WITHOUT HANDRAIL	01-10-13	607-20-1/4
	PEDESTRIAN RAILING FOUNDATION DETAILS	01-10-13	607-20-3/4
	PEDESTRIAN ACCESS ROUTE GENERAL NOTES	01-13-15	608-001-1/12
	PERPENDICULAR CURB RAMPS	01-13-15	608-001-2/12
	PARALLEL CURB RAMPS	01-13-15	608-001-3/12
	DIAGONAL CURB RAMPS	01-13-15	608-001-4/12
	COMBINATION CURB RAMPS	01-13-15	608-001-5/12
	PEDESTRIAN REFUGE ISLAND	01-13-15	608-001-6/12
	CURB RAMP AND SIDEWALK TRANSITION DETAILS	01-13-15	608-001-7/12
	DETECTABLE WARNING SURFACE	01-13-15	608-001-8/12
	DRIVEWAY APRONS	01-13-15	608-001-9/12
	DRIVEWAY APRONS	01-13-15	608-001-10/12
	PEDESTRIAN ACCESS DETAILS STAIRWAY AND HANDRAILS	01-13-15	608-001-11/12
	PED. ACCESS DETAILS PARKING AND PASSENGER LOADING ZONES	01-13-15	608-001-12/12
	SIDEWALK CURB & GUTTER	11-06-09	609-01-1/1
	DROP INLET FOR TYPE "B" CURB	01-10-13	623-14-1/3
	DROP INLET FOR TYPE "B" CURB, GRATES, FRAMES, NOSE PLATES, AND CENTER SUPPORT BEAMS	01-10-13	623-14-2/3
	DROP INLET FOR TYPE "B" CURB, GRATES, FRAMES, NOSE PLATES, AND CENTER SUPPORT BEAMS	01-10-13	623-14-3/3
	SMALL SIGN SUPPORT INSTALLATION DETAILS	01-11-05	701-02-1/3
	SMALL SIGN SUPPORT INSTALLATION DETAILS	02-03-05	701-02-2/3
	MULTI-DIRECTIONAL SLIP BASE POST DETAILS	01-11-05	701-02-3/3
	ALUMINUM SIGN PANEL DETAILS	01-11-05	701-03-1/2
	ALUMINUM SIGN PANEL DETAILS	01-11-05	701-03-2/2

FOR ADDITIONAL INFORMATION REGARDING HOW TO OBTAIN A COPY OF THE LISTED NMDOT STANDARD DRAWINGS, REFER TO GENERAL NOTE #22 ON SHT. 1-5 OF PLANS.



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
CITY OF SANTA FE			
DEFOURI AND GUADALUPE STREET BRIDGES INDEX OF SHEETS / INDEX OF NMDOT STANDARD DRAWINGS			

SUMMARY OF QUANTITIES

PROJECT TOTAL

ITEM #	DESCRIPTION	UNIT	ESTIMATE	FINAL
201000	CLEARING AND GRUBBING	L.S.	1	
203000	UNCLASSIFIED EXCAVATION	CU. YD	66	
203100	BORROW	CU. YD	50	
207000	SUBGRADE PREPARATION	SQ. YD	660	
210000	EXCAVATION AND BACKFILL FOR MAJOR STRUCTURES	CU. YD	145	
303160	BASE COURSE 6"	SQ. YD	660	
416000	MINOR PAVING	SQ. YD	660	
502030	DRILLED SHAFT FOUNDATION 30" DIAMETER	LIN. FT	306	
502600	OBSTRUCTION REMOVAL	LIN. FT	45	
505001	CROSSHOLE SONIC LOGGING CONSULTANT TESTING	EACH	6	
511300	SUBSTRUCTURE CONCRETE CLASS A	CU. YD	30	
511500	SPECIAL SURFACE FINISH	SQ. FT	6040	
512003	HIGH PERFORMANCE CONCRETE (HPD)	CU. YD	120	
512004	WIND BREAK	L.S.	1	
512005	FOGGING SYSTEM	L.S.	1	
516000	FLOWABLE FILL	CU. YD	30	
518118	PRECAST PRESTRESSED SLAB TYPE 18	LIN. FT	492	
532000	PENETRATING WATER REPELLANT TREATMENT	SQ. YD	180	
532100	PERMANENT ANTI-GRAFFITI PROTECTIVE COATING	SQ. FT	2100	
533000	REPAIR OF CONCRETE STRUCTURES	SQ. YD	10	
533001	EMBEDDED GALVANIC ANODES	EACH	280	
535100	CONCRETE SURFACE TREATMENT	SQ. YD	704	
536001	EPOXY URETHANE POLYMER CONCRETE BRIDGE DECK OVERLAY	SQ. YD	364	
537000	POLYESTER CONCRETE BRIDGE DECK OVERLAY	CU. YD	30	
540060	REINFORCING BARS GRADE 60	LBS.	37600	
540160	EPOXY COATED REINFORCING BARS GRADE 60	LBS.	21213	
543030	METAL RAILING TYPE D	LIN. FT	106	
546000	RECOATING STRUCTURES	L.S.	1	
546200	SP3 POWER TOOL CLEANING AND PRIMING	SQ. FT	200	
546210	SP11 POWER TOOL CLEANING AND PRIMING	SQ. FT	100	
564000	PREFORMED CLOSED CELL FOAM BRIDGE JOINT SEALS	LIN. FT	275	
570024	24" CULVERT PIPE	LIN. FT	12	
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1	
601110	REMOVAL OF SURFACING	SQ. YD	830	
602000	RIPRAP CLASS A	CU. YD	143	
603200	SILT FENCE	LIN. FT	425	
603250	DROP INLET PROTECTION TYPE I	EACH	2	
607079	PEDESTRIAN/BICYCLE RAILING	LIN. FT	205	
608004	CONCRETE SIDEWALK 4"	SQ. YD	780	
609200	HEADER CURB	LIN. FT	145	
609418	CONCRETE VERTICAL CURB AND GUTTER TYPE B 6"X18"	LIN. FT	85	
609424	CONCRETE VERTICAL CURB AND GUTTER TYPE B 6"X24"	LIN. FT	1150	
617000	VIBRATION MONITORING	L.S.	1	
617003	VIDEO TAPING	L.S.	1	
617004	VIBRATION RISK SURVEY	L.S.	1	
618000	TRAFFIC CONTROL MANAGEMENT	L.S.	1	
621000	MOBILIZATION	L.S.	1	
623312	CURB DROP INLET TYPE II-B, 0' TO 4'	EACH	1	
632020	CLASS C SEEDING	ACRE	0.1	
662000	MANHOLE TYPE C, 4' DIAMETER 0' TO 6'	EACH	1	
663049	PRE CONSTRUCTION UTILITY SURVEY	L.S.	1	
701000	PANEL SIGNS	SQ. FT	40	
701030	REMOVE AND RESET PANEL SIGN	EACH	9	
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	LIN. FT	39	
702810	TRAFFIC CONTROL DEVICES DURING CONSTRUCTION	L.S.	1	
704000	RETROREFLECTORIZED PAINTED MARKINGS	LIN. FT	4142	
704481	RETROREFLECTORIZED PLASTIC SHARROW SYMBOL (BIKEWAY)	EACH	4	
704765	RETROREFLECTORIZED PREFORMED PATTERNED PAVEMENT MARKING COMBINATION (THRU AND RIGHT) ARROW	EACH	1	
704767	RETROREFLECTORIZED PREFORMED PATTERNED PAVEMENT MARKING RIGHT ARROW	EACH	2	
704768	RETROREFLECTORIZED PREFORMED PATTERNED PAVEMENT MARKING LEFT ARROW	EACH	4	
704769	RETROREFLECTORIZED PREFORMED PATTERNED PAVEMENT MARKING THRU ARROW	EACH	3	
704770	RETROREFLECTORIZED PREFORMED PATTERNED PAVEMENT MARKING WORD (ONLY)	EACH	3	
721000	REMOVAL OF PAVEMENT STRIPE	LIN. FT	1700	
721101	REMOVAL OF PAVEMENT MARKING	EACH	12	
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	L.S.	1	

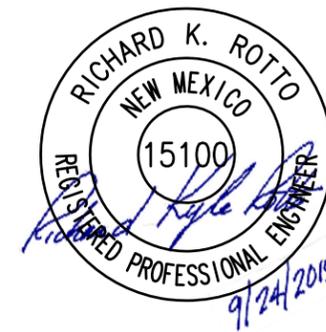


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	1-4

INCIDENTAL ITEMS:

- NEAT LINE SAW CUT - CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR ITEM 601110 - REMOVAL OF SURFACING
- BED COURSE MATERIAL - CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR ITEM 608004 - CONCRETE SIDEWALK 4" OR ITEM 609424 - CONCRETE VERTICAL CURB AND GUTTER, TYPE B - 6"X24", AS APPLICABLE
- DETECTABLE WARNING SURFACES - CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR ITEM 608004 - CONCRETE SIDEWALK 4"
- GUTTER PAN / CONCRETE FILLET - CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR ITEM 609424 - CONCRETE VERTICAL CURB AND GUTTER, TYPE B - 6"X24"
- TACK COAT / PRIME COAT MATERIAL - CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR ITEM 416000 - MINOR PAVING
- HEADER CURB @ CURB RAMP LOCATIONS - CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR ITEM 608004 - CONCRETE SIDEWALK 4"
- WEEKLY PROJECT MEETINGS - CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT
- COLOR IN CONCRETE - CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR ITEM 511500 - SPECIAL SURFACE FINISH
- DISPOSAL OF MATERIALS - CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR ITEM 601000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS
- CRITICAL PATH METHOD (CPM) SCHEDULE - CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT
- CONSTRUCTION WATER - CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT
- GRAFFITI-FREE WORK SITE - CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT
- STREET CUT PERMIT FEES - CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT
- SIDEWALK CULVERT - CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT
- FOR ADDITIONAL INCIDENTAL ITEMS, NOT SHOWN HERE, SEE SHEET 5-1 AND 5A-2 OF PLANS



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

SUMMARY OF QUANTITIES/ INCIDENTAL ITEMS

File: H:\d\env\Proj\Projects\CKE52001 - Defouri St. Bridge\00_Plans\1_Sheets\1-4_Defouri_Sum Quans.dwg Date: Oct 08, 2015 3:52pm

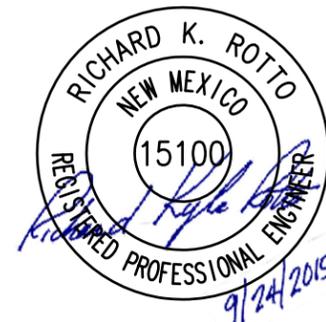
GENERAL NOTES:



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO. L500056 L500219	SHEET NO. 1-5
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1. **PROTECTION OF SURVEY MONUMENTS:** THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT HORIZONTAL AND VERTICAL CONTROL SURVEY MONUMENTS (MARKS) FROM DAMAGE PRIOR TO INITIATING CONSTRUCTION. IF DURING THE COURSE OF CONSTRUCTION OPERATIONS THE CONTRACTOR DISTURBS OR DESTROYS A MARK, THE CONTRACTOR SHALL ESTABLISH A NEW MARK IN COMPLIANCE WITH THE STANDARDS AND PROCEDURES SET FORTH IN THE "GEODETIC MARK PRESERVATION GUIDEBOOK", NATIONAL GEODETIC SURVEY, MARCH 1990, AT CONTRACTORS EXPENSE. CONTACT: NGS MARK, PRESERVATION CENTER - NOAA, TELEPHONE (505) 768 3606
2. **REMOVALS:** THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THIS PROJECT. IF ADDITIONAL REMOVALS NOT LISTED IN PLANS ARE NECESSARY TO COMPLETE THE PROJECT THE WORK AND COSTS ASSOCIATED WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR ITEM 601000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
3. **MAINTENANCE OF AS-BUILT PLANS:** THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING A CURRENT SET OF AS-BUILT PLANS FOR THE PROJECT. THE CONTRACTOR MUST PROVIDE THE CITY WITH VERTICAL AND HORIZONTAL SURVEY DATA FOR ANY AND ALL FIELD CHANGES TO ALIGNMENT AND ELEVATIONS. DATA SHALL BE PROVIDED WITHIN TWO (2) DAYS OF THE PROJECT MANAGER'S REQUEST. ALL DATA MUST BE PROVIDED PRIOR TO FINAL PAYMENT. SUBMITTAL OF THIS DATA SHALL BE CONSIDERED INCIDENTAL TO ITEM 801000 - CONSTRUCTION STAKING BY THE CONTRACTOR AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
4. **PUBLIC NOTIFICATIONS OF ROAD AND LANE CLOSURES:** THE CONTRACTOR SHALL KEEP THE CITY'S PROJECT MANAGER AND THE LOCAL MEDIA INFORMED OF LANE CLOSURES THAT WILL RESTRICT THE NORMAL FLOW OF TRAFFIC. NOTICE OF LANE CLOSURES OF OTHER IMPACTS TO NORMAL TRAFFIC FLOW SHALL BE PROVIDED AT LEAST ONE (1) WEEK PRIOR TO SUCH CLOSURES OR IMPACTS. THIS WORK WILL BE CONSIDERED AS INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
5. **ESTIMATED QUANTITIES:** ALL QUANTITIES SCHEDULED IN THE PLANS ARE FOR PURPOSES OF PRELIMINARY ESTIMATE ONLY. PAYMENT AND MEASUREMENT OF QUANTITIES SHALL BE DONE IN ACCORDANCE WITH SECTION 109 - MEASUREMENT AND PAYMENT OF THE NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, 2014 EDITION.
6. **DISPOSAL OF ASPHALT AND OTHER MATERIAL:** THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF MATERIAL (E.G., ASPHALT, CONCRETE, VEGETATION, UNSTABLE EARTH, METAL, & OTHER DEBRIS) REMOVED ON THE PROJECT BY HAULING IT TO AN APPROVED LANDFILL IN ACCORDANCE WITH THE REGULATIONS OF THE NEW MEXICO SOLID WASTE ACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HAULING AND DUMPING FEES.
7. **VERIFYING EXISTING CONDITIONS:** THE CONTRACTOR SHALL FIELD VERIFY ALL CONSTRUCTION CENTERLINES AND EXISTING GROUND LINE PROFILES PRIOR TO INITIATING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL UTILIZE THE FIELD VERIFICATION DATA TO ADJUST THE PROPOSED HORIZONTAL AND VERTICAL ALIGNMENTS TO BETTER FIT THE EXISTING FIELD CONDITIONS. THE CONTRACTOR SHALL SUBMIT PROPOSED MODIFICATIONS TO THE PROJECT MANAGER FOR APPROVAL PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. THE WORK AND COST ASSOCIATED WITH VERIFYING EXISTING CONDITIONS SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR ITEM NO. 801000 - CONSTRUCTION STAKING BY THE CONTRACTOR AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR. THE CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS, DIMENSIONS, AND RIGHT-OF-WAY PRIOR TO THE BEGINNING OF CONSTRUCTION. RIGHT-OF-WAY MAPS ARE AVAILABLE FROM THE CITY OF SANTA FE. THE CONTRACTOR SHALL LIMIT ALL WORK ON THIS PROJECT TO WITHIN THE EXISTING ROADWAY RIGHT-OF-WAY OR PUBLIC EASEMENTS. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT PRICE.
8. **EXCAVATION/STREET CUT PERMITS:** THE CONTRACTOR SHALL OBTAIN AN EXCAVATION/STREET CUT PERMIT FROM THE CITY OF SANTA FE PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE REASONABLE FOR ALL FEES ASSOCIATED WITH THESE PERMITS WHICH SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR. PERMITS MAY BE OBTAINED FROM THE CITY OF SANTA FE STREETS AND DRAINAGE SECTION, 1142 SILER ROAD, (505) 955-3000.
9. **PAVEMENT ABUTMENT:** WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAW-CUT EXISTING PAVEMENT TO A NEAR VERTICAL CUT, OR AS APPROVED BY THE PROJECT MANAGER. THE COST OF SAW CUTTINGS SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR ITEM 601110 - REMOVAL OF SURFACING, AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
10. **CPM SCHEDULE:** THE CONTRACTOR SHALL SUBMIT TO THE PROJECT MANAGER A CRITICAL PATH PROJECT SCHEDULE TWO (2) WEEKS PRIOR TO THE PRECONSTRUCTION CONFERENCE. THE CRITICAL PATH PROJECT SCHEDULE IS TO INCLUDE LOGIC POINTS, OR PRODUCTION LEVELS, USED IN ITS DEVELOPMENT. THE SCHEDULE SHALL BE UPDATED MONTHLY OR AS REQUIRED BY THE PROJECT MANAGER. THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT, AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
11. **MINOR PAVING:** MATERIALS AND CONSTRUCTION REQUIREMENTS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 416, OF THE LATEST NMDOT SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION. MISCELLANEOUS PAVING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD. THE UNIT PRICE SHALL INCLUDE SUBGRADE PREPARATION, BASE COURSE, AND ALL MATERIAL INCLUDING AGGREGATE, BITUMINOUS MATERIALS, HYDRATED LIME, MIXING, HAULING, PLACEMENT AND COMPACTION, AS WELL AS PRIME COAT MATERIAL AND BITUMINOUS MATERIAL FOR TACK COAT.
12. **ADA COMPLIANCE:** THE CONTRACTOR SHALL ENSURE COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) FOR CONSTRUCTION OF ADA FEATURES AND APPURTENANCES (INCLUDING, BUT NOT LIMITED TO, SIDEWALK & CURB RAMP CROSS SLOPES, RAMP SLOPES, LEVEL LANDINGS, ETC) AS DETAILED IN THE PLANS AND IN ACCORDANCE WITH REFERENCED STANDARD DRAWINGS, SPECIFICATIONS AND ESTABLISHED ADA GUIDELINES AND STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR FIELD CHECKING SLOPES AND DIMENSIONS OF ALL FORM WORK FOR COMPLIANCE PRIOR TO INSTALLATION OF CONCRETE. THE CITY RESERVES THE RIGHT TO INSPECT ANY ADA FEATURES AND APPURTENANCES AT ANY TIME BEFORE FINAL COMPLETION OF THE PROJECT AND MAY REQUIRE THE CONTRACTOR TO REMOVE, REPLACE, AND/OR CORRECT ANY WORK, AT THE CONTRACTOR'S EXPENSE, THAT IS NOT IN COMPLIANCE, AS DETERMINED BY THE PROJECT MANAGER.
13. **NOISE ORDINANCE:** CITY OF SANTA FE NOISE ORDINANCE SFCC S 10-2.4 B. (5) (A) PROHIBITS OPERATION OF EQUIPMENT USED IN CONSTRUCTION WORK ON STREETS IN RESIDENTIAL OR COMMERCIAL ZONED AREAS BETWEEN THE HOURS OF 9:00 P.M. AND 7:00 A.M. THE FOLLOWING DAY. IN ACCORDANCE WITH SFCC S 10-2.8 PERMITS, THE CONTRACTOR MAY REQUEST APPROVAL OF A PERMIT TO BE EXEMPT FROM THE AFOREMENTIONED NOISE ORDINANCE FOR THE DURATION OF PROJECT CONSTRUCTION.
14. **CONSTRUCTION YARD:** THE CONTRACTOR SHALL PROVIDE AT THE CONTRACTOR'S OWN EXPENSE AND WITHOUT LIABILITY TO THE OWNER ANY ADDITIONAL LAND AND ACCESS THERETO THAT THE CONTRACTOR MAY DESIRE FOR A TEMPORARY STAGING AREA OR YARD FOR STORAGE OF EQUIPMENT AND MATERIALS. BEST MANAGEMENT PRACTICES (BMP'S). TO ANY SUCH AREA OR YARD UTILIZED FOR THE PROJECT SHALL APPLY.
15. **WEEKLY PROJECT MEETING:** THE CONTRACTOR SHALL COORDINATE AND CONDUCT A WEEKLY PROJECT MEETING DURING CONSTRUCTION, IN COORDINATION WITH THE PROJECT MANAGER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING MEETING LOCATION AND SHALL INVITE APPROPRIATE CITY STAFF, SUB-CONTRACTORS & UTILITY COMPANY REPRESENTATIVES. THE COST ASSOCIATED WITH THESE WEEKLY MEETINGS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO FURTHER MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE.
16. **CONSTRUCTION WATER:** THE CITY OF SANTA FE MAY PROHIBIT THE USE OF POTABLE WATER (FROM FIRE HYDRANTS) FOR CONSTRUCTION PURPOSES AND THE CONTRACTOR MAY BE REQUIRED TO USE RECLAIMED OR EFFLUENT WATER. THE CONTRACTOR SHOULD CONTACT THE CITY'S WASTEWATER DIVISION AT 955 4650 FOR MORE INFORMATION AND PRICING. REGARDING THE AVAILABILITY, USE, METERING AND PRICING OF FIRE HYDRANT WATER, CONTACT THE CITY WATER DIVISION AT 955 4333. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE AND SUPPLY WATER FOR THE PROJECT. THE COST WILL BE INCIDENTAL TO COMPLETION OF THE PROJECT AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.
17. **SHRINKAGE FACTOR:** THE EARTHWORK QUANTITIES ARE BASED ON A SHRINKAGE FACTOR OF 20% IN ROADWAY EMBANKMENT.
18. **"R" VALUE:** THE DESIGN "R" FOR THE PROJECT IS 40. MATERIAL WITH AN "R" VALUE LESS THAN THE DESIGN "R" VALUE SHALL NOT BE PLACED IN OR BE ALLOWED TO REMAIN WITHIN THE TOP TWO (2) FEET OF THE FINISHED SUBGRADE.
19. **WARPING OF SLOPES:** THE CONTRACTOR SHALL WARP SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT-OF-WAY OR CONSTRUCTION EASEMENT LIMITS.
20. **HANDLING OF MATERIAL:** THE CONTRACTOR MAY BE REQUIRED TO DOUBLE HANDLE MATERIAL NEEDED FOR THIS PROJECT. THE COST ASSOCIATED TO DOUBLE HANDLE SUCH MATERIAL SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO FURTHER MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
21. **NMDOT STANDARD DRAWINGS:** MAY BE FOUND ON THE NMDOT'S WEB SITE OR BY USING THE FOLLOWING WEB LINK: [HTTP://DOT.STATE.NM.US/EN/STANDARDS.HTML](http://dot.state.nm.us/en/standards.html)
22. **NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, 2014 EDITION:** THE NEW MEXICO DEPARTMENT OF TRANSPORTATION 2014 SPECIFICATIONS WILL GOVERN THE CONSTRUCTION OF THIS PROJECT AND MAY BE FOUND ON THE NMDOT'S WEB SITE OR BY USING THE FOLLOWING WEB LINK: [HTTP://DOT.STATE.NM.US/CONTENT/DAM/NMDOT/PLANS_SPECS_ESTIMATES/2014_SPECS_FOR_HIGHWAY_AND_BRIDGE_CONSTRUCTION.PDF](http://dot.state.nm.us/content/dam/nmdot/plans_specs_estimates/2014_specs_for_highway_and_bridge_construction.pdf)
23. **CONTRACTOR WEEKLY WORK SCHEDULE:** THE CONTRACTOR SHALL SUBMIT FOR THE CITY PROJECT MANAGER'S APPROVAL A WEEKLY WORK SCHEDULE (I.E. DAYS & HOURS TO BE WORKED) AT THE PRECONSTRUCTION MEETING. IF DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR DETERMINES A CHANGE TO THEIR REGULAR WORK SCHEDULE IS NECESSARY, THE CONTRACTOR SHALL SUBMIT A REVISED WORK SCHEDULE TO THE CITY PROJECT MANAGER FOR APPROVAL AT LEAST ONE WEEK IN ADVANCE OF THE SCHEDULED WORK WEEK TO ALLOW THE CITY SUFFICIENT TIME TO SCHEDULE CITY INSPECTION PERSONNEL.
24. **HIGH-EARLY STRENGTH CONCRETE MIX DESIGN:** FOR CONCRETE UTILIZED FOR DRIVEPAD AND VALLEY GUTTER CONSTRUCTION INCLUDING ADJOINING FILLETS AND SIDEWALK TRAVERSED BY VEHICULAR TRAFFIC, THE CONTRACTOR SHALL UTILIZE A HIGH-EARLY STRENGTH CONCRETE MIX DESIGN THAT WILL ACHIEVE APPROPRIATE STRENGTH FOR VEHICLE USE WITHIN A 12 TO 24 HOUR PERIOD AFTER PLACEMENT. A MIX DESIGN SHALL BE SUBMITTED TO THE PROJECT MANAGER FOR REVIEW AND APPROVAL PRIOR TO USE. STRUCTURAL PLATES OF ADEQUATE SIZE AND STRENGTH FOR TRAFFIC LOADS MAY BE UTILIZED IN LIEU OF A HIGH-EARLY MIX DESIGN AS APPROVED BY THE PROJECT MANAGER. THESE MEASURES SHALL BE INCIDENTAL TO CONSTRUCTION AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
25. **GRAFFITI-FREE WORK SITE:** THE CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL REMOVE GRAFFITI FROM ALL EQUIPMENT, MATERIALS AND WORK, WHETHER PERMANENT OR TEMPORARY, WITHIN 24 HOURS. THIS PROVISION INCLUDES GRAFFITI OR OTHER MARKINGS ON INSTALLED CONCRETE SURFACES. UNTIL THE WORK IS ACCEPTED BY THE CITY, THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF CONCRETE AND OTHER PAVED SURFACES INSTALLED AS PART OF THE PROJECT.



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

GENERAL NOTES

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GENERAL NOTES:



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	1-6

UTILITY NOTES:

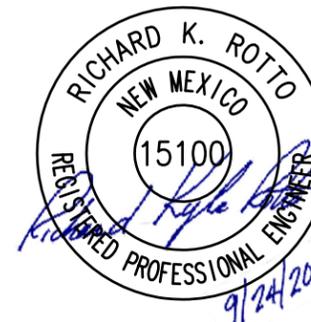
- EXISTING UTILITIES:** THE CONTRACTOR SHALL LOCATE ALL UTILITIES WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES. THIS WORK MAY INCLUDE POT HOLING. COSTS ASSOCIATED WITH LOCATING EXISTING UTILITIES ARE CONSIDERED INCIDENTAL AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR. IF EXISTING UTILITIES ARE DAMAGED DURING POTHOLE OPERATIONS OR DURING CONSTRUCTION ALL WORK OR COSTS ASSOCIATED WITH REPAIRING DAMAGED UTILITIES SHALL BE AT THE CONTRACTOR'S EXPENSE AND WILL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- MANHOLES COVERS:** CONTRACTOR TO USE "STORM SEWER" MARKINGS ON ALL STORM SEWER MANHOLE COVERS - SANITARY SEWER COVERS WILL NOT BE ALLOWED EXCEPT ON SANITARY SEWER MANHOLES. MANHOLES MUST BE ADJUSTED TO FINAL GRADE. CONTRACTOR SHALL CONTACT WASTEWATER MANAGEMENT DIVISION (DOUGLAS FLORES @ (505) 455-4613) FOR A FINAL SANITARY MANHOLE INSPECTION. ALL MANHOLE COVERS SHALL HAVE CITY OF SANTA FE DESIGN INCLUDING LOGO.
- CONTRACTOR COORDINATION WITH UTILITY OWNERS:** THE CONTRACTOR IS HEREBY ADVISED THAT UTILITY RELOCATING WORK BY THE UTILITY OWNERS MAY HAVE TO BE PERFORMED CONCURRENT WITH CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE FOR UTILITY WORK IN CONJUNCTION WITH RESPECTIVE UTILITY OWNERS. ANY CLAIMS FOR DELAY SHALL BE CONTROLLED BY THE TERMS AND CONDITIONS OF SUBSECTIONS 105.6 - COOPERATION WITH UTILITIES, AND 107.20 - CONTRACTOR'S RESPONSIBILITY OF THE NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY & BRIDGE CONSTRUCTION, 2014 EDITION. SEE SHEET 3-1 FOR LIST OF UTILITY CONTACTS.
- CONTRACTOR SHALL PREVENT ANY DEBRIS FROM ENTERING THE SANITARY SEWER DURING CONSTRUCTION. SPECIAL ATTENTION SHALL BE GIVEN TO THE SANITARY SEWER TO PREVENT STOPPAGE OR DAMAGES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COST ASSOCIATED WITH ANY MAINTENANCE, INCLUDING BY-PASS PUMPING OR DAMAGES CAUSED BY CONSTRUCTION.
- THE CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION OR TIME EXTENSION FOR DELAYS OR INCONVENIENCES OR DAMAGES SUSTAINED DUE TO ANY INTERFERENCE FROM SAID UTILITY APPURTENANCES OR THE OPERATION OF MOVING THEM RESULTING FROM CONTRACTOR'S NEGLIGENCE.
- CENTURYLINK (OR OTHER) FIBER OPTIC LINE:** THE CONTRACTOR SHALL NOTIFY CENTURYLINK 72 HOURS IN ADVANCE OF ANY EXCAVATION WORK IN THE AREA OF A FIBER OPTIC LINE. THE CONTRACTOR SHALL COORDINATE WITH CENTURYLINK DURING EXCAVATION EFFORT, SO CENTURYLINK CAN PROVIDE THE LABOR AND MATERIAL TO PROPERLY SUPPORT THE FIBER OPTIC LINE BEFORE SOIL IS REMOVED FROM UNDER THE LINE. COORDINATION OF WORK SHALL BE INCIDENTAL TO THE PROJECT.
- CONTACT NEW MEXICO ONE-CALL AT 1-800-321-2537 AT LEAST TWO (2) WORKING DAYS IN ADVANCE OF CONSTRUCTION FOR UTILITY LINE LOCATES.

WATERLINE GENERAL NOTES:

- CONTRACTOR WILL NOTIFY CITY OF SANTA FE WATER DIVISION 5 DAYS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE WITH PROJECT MANAGER AND INSPECTOR. CALL (505) 955-4267.
- A MINIMUM OF FOUR (4) FEET COVER OVER TOP OF PIPE TO BE MAINTAINED.

SANITARY SEWER GENERAL NOTES:

- THE CONTRACTOR SHALL NOTIFY THE CITY OF SANTA FE PUBLIC UTILITIES DEPARTMENT FIVE (5) DAYS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE WITH THE PROJECT MANAGER AND INSPECTOR. CONTACT DOUGLAS FLORES OR RICHARD CARRILLO AT (505) 955-4613 OR (505) 955-4631



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

GENERAL NOTES

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ENVIRONMENTAL COMMITMENTS

THE CONTRACTOR SHALL REFER TO SECTION 107 OF THE STANDARD SPECIFICATION MAKING SPECIAL NOTE OF SUB-SECTION 107.14: CONTRACTORS RESPONSIBILITIES FOR ENVIRONMENTAL AND CULTURAL RESOURCE PROTECTION.

- NO ADDITIONAL PROJECT-SPECIFIC ENVIRONMENTAL REQUIREMENTS APPLY.
- IN ADDITION TO SECTION 107, THE FOLLOWING PROJECT SPECIFIC ENVIRONMENTAL REQUIREMENTS APPLY.

ENVIRONMENTAL COMMITMENTS NOTES

1. THE CONTRACTOR SHALL MINIMIZE VEGETATION AND SOIL DISTURBANCE FOR ALL LOCATIONS WHERE EQUIPMENT WILL BE PARKED DURING CONSTRUCTION, AND THE CONTRACTOR SHALL ACQUIRE ENVIRONMENTAL AND CULTURAL RESOURCES CLEARANCES FOR THESE SITES IN ACCORDANCE WITH SECTION 107.14 OF THE 2014 EDITION OF THE NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION.
2. THE CONTRACTOR SHALL NOT TAKE MIGRATORY BIRDS, OCCUPIED NESTS, AND EGGS DURING THE PROJECT. IF CLEARING OF SHRUBS OR TREES BEGINS BETWEEN APRIL 15 AND AUGUST 15, THE CITY SHALL CONDUCT A PRE-CONSTRUCTION NESTING BIRD SURVEY AND SUBMIT A LETTER REPORT TO THE NMDOT ENVIRONMENTAL DIVISION (GWYNETH DUNCAN 505-827-0751) AT LEAST 2 WEEKS PRIOR TO THIS TYPE OF ACTIVITY. VACATED NESTS SHALL BE REMOVED FROM STRUCTURES DURING THE NON-NESTING SEASON (SEPTEMBER-FEBRUARY).
3. TO PREVENT THE SPREAD OF NOXIOUS WEEDS, THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL EQUIPMENT WITH A HIGH PRESSURE WASHER PRIOR TO ENTERING AND LEAVING THE PROJECT AREA. MATERIALS TRANSPORTED INTO OR OUT OF THE PROJECT AREA SHALL BE CAREFULLY INSPECTED TO AVOID THE INTRODUCTION OF ADDITIONAL NOXIOUS WEED SPECIES. MATERIAL SOURCES CONTAINING NOXIOUS WEED SEEDS SHALL NOT BE UTILIZED BY THE CONTRACTOR. MULCH AND COMPOST USED ON THE PROJECT MUST BE CERTIFIED NOXIOUS WEED FREE, AS REQUIRED BY SECTION 632 OF THE 2014 EDITION OF THE NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION.
4. CONSTRUCTION ACTIVITIES SHALL COMPLY WITH ALL CONDITIONS OF THE SECTION 404 PERMIT AND THE SECTION 401 WATER QUALITY CERTIFICATION.
5. BEST MANAGEMENT PRACTICES (BMP'S) SHALL BE INSTALLED AND MAINTAINED BOTH DURING AND AFTER CONSTRUCTION TO PREVENT, TO THE EXTENT PRACTICABLE, POLLUTANTS IN STORM WATER RUNOFF FROM ENTERING WATERS OF THE U.S. TEMPORARILY DISTURBED AREAS WILL BE RE-VEGETATED AFTER CONSTRUCTION TO LIMIT EROSION POTENTIAL.
6. IF BURIED ARCHEOLOGICAL OR CULTURAL DEPOSITS ARE DISCOVERED DURING CONSTRUCTION, WORK IN THE AREA SHALL CEASE WHILE THE SHPO, THE NMDOT, AND THE LOCAL/TRIBAL GOVERNMENT ARE CONSULTED.


ENVIRONMENTAL SECTION MANAGER, NEW MEXICO DEPARTMENT OF TRANSPORTATION

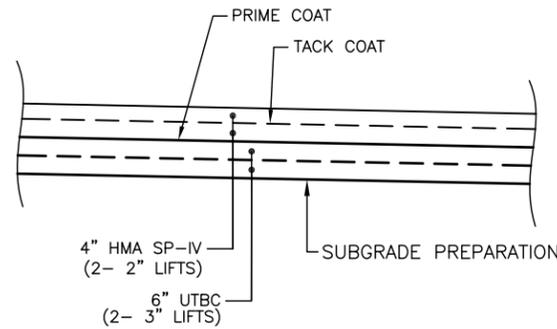
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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
ENVIRONMENTAL COMMITMENTS

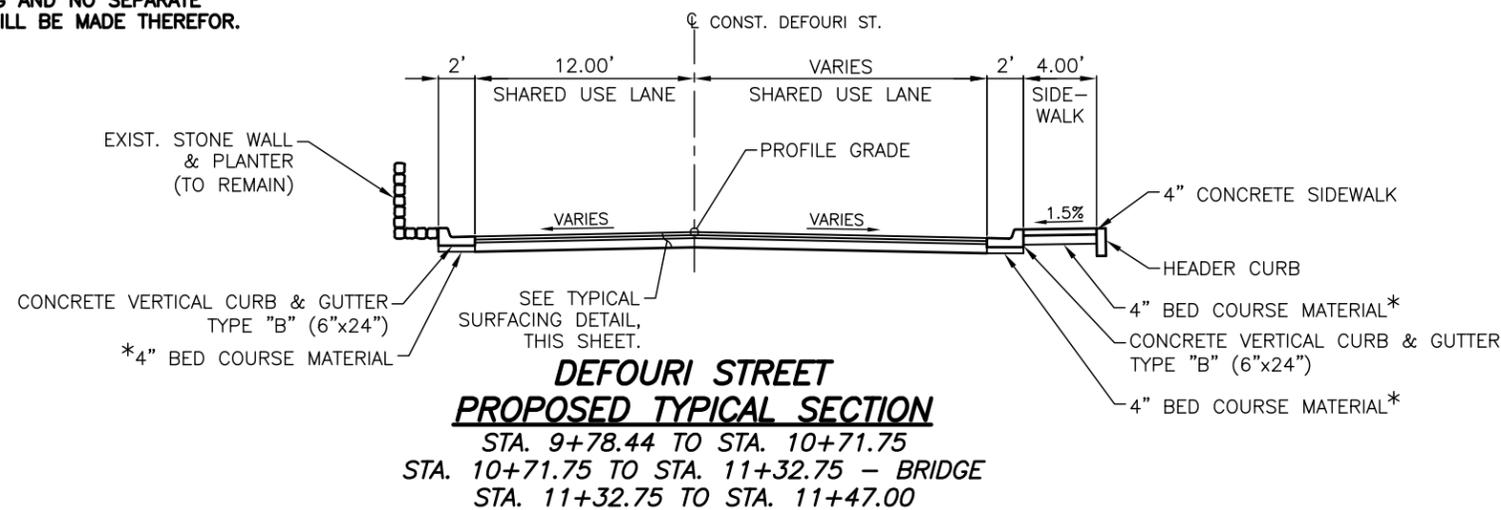


MINOR PAVING - SURFACING DETAIL

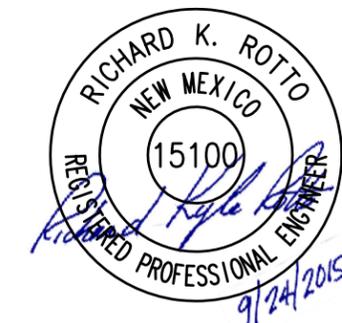
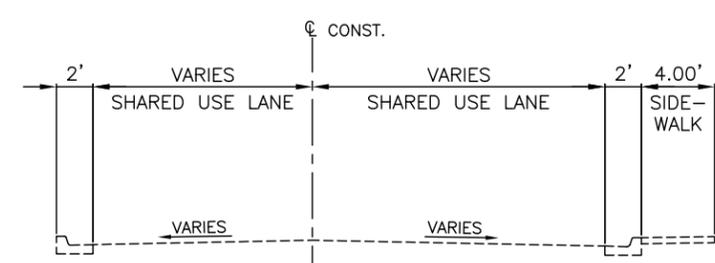
NOTE: TACK COAT AND PRIME COAT SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR ITEM 416000 - MINOR PAVING AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

LENGTH OF PROJECT

STATION	to	STATION	FEET	MILES	REMARKS
9+78.44	to	11+47.00	169.43'	0.004	DEFOURI STREET PROJECT AREA
TOTAL			169.43'	0.004	



NOTE:
FOR DEFOURI ST. CURB LINE GEOMETRY,
SEE SHT 2-16 THRU 2-20 OF PLANS.



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES TYPICAL SECTIONS

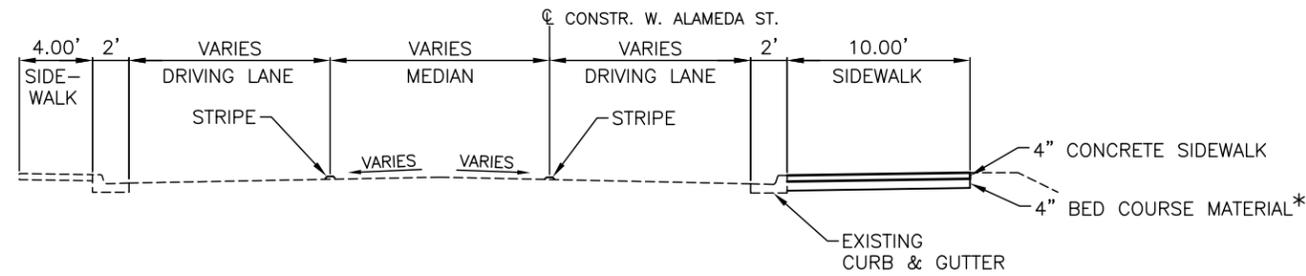
* MATERIAL AND INSTALLATION COSTS ASSOCIATED WITH BED COURSE MATERIAL SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR CURB & GUTTER OR SIDEWALK.

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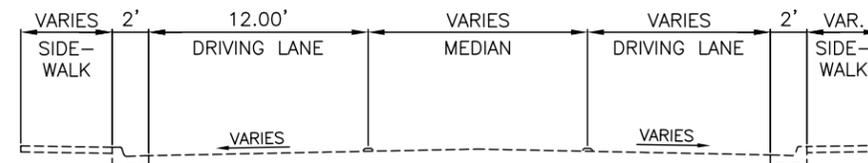


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SANTA FE, NEW MEXICO

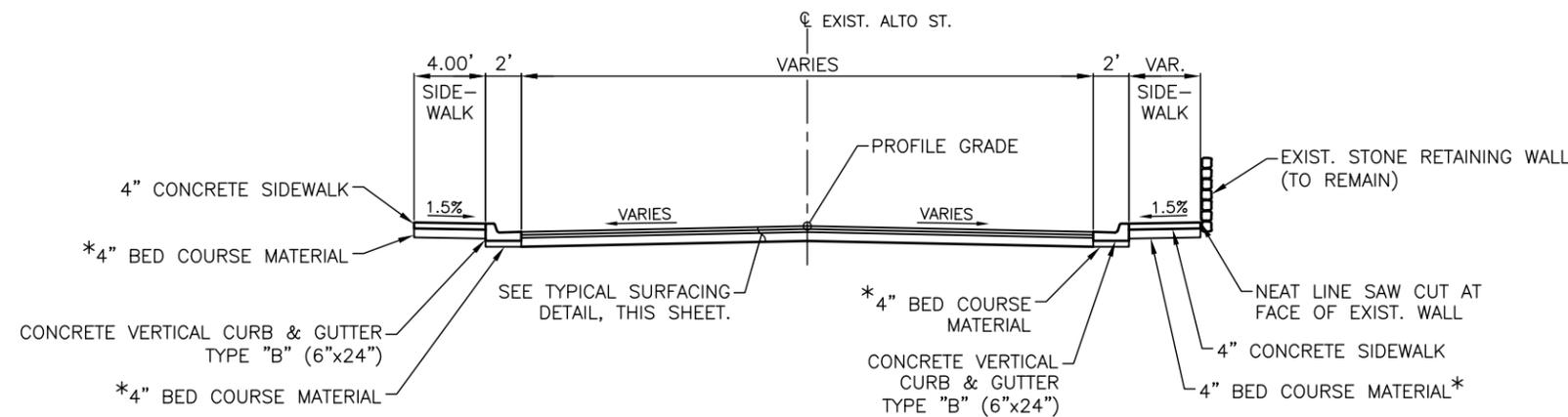
PROJECT NO.	SHEET NO.
L500056 L500219	2-2



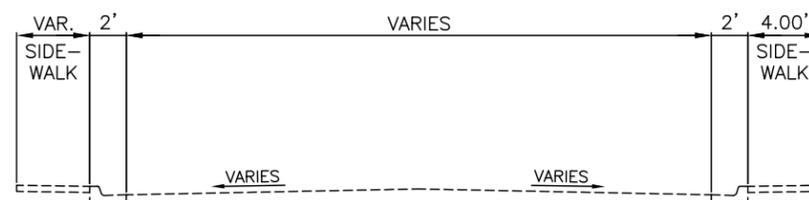
**WEST ALAMEDA STREET
PROPOSED TYPICAL SECTION "A"**
STA. 200+08.39 TO STA. 201+11.26



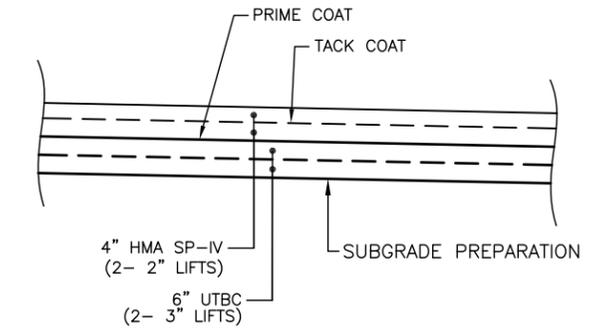
**WEST ALAMEDA STREET
EXISTING TYPICAL SECTION**



**ALTO STREET
PROPOSED TYPICAL SECTION**
STA. 10+42.93 (59.72' LT.) TO STA. 10+64.38 (44.85' LT.)

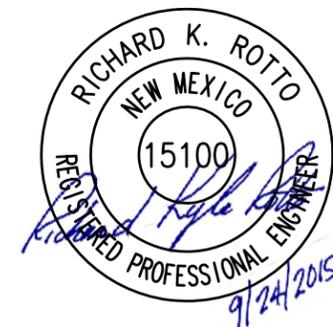


**ALTO STREET
EXISTING TYPICAL SECTION**



MINOR PAVING - SURFACING DETAIL

NOTE: TACK COAT AND PRIME COAT SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR ITEM 416000 - MINOR PAVING AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.



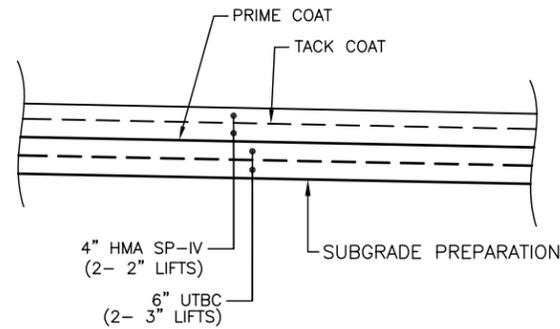
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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
TYPICAL SECTIONS

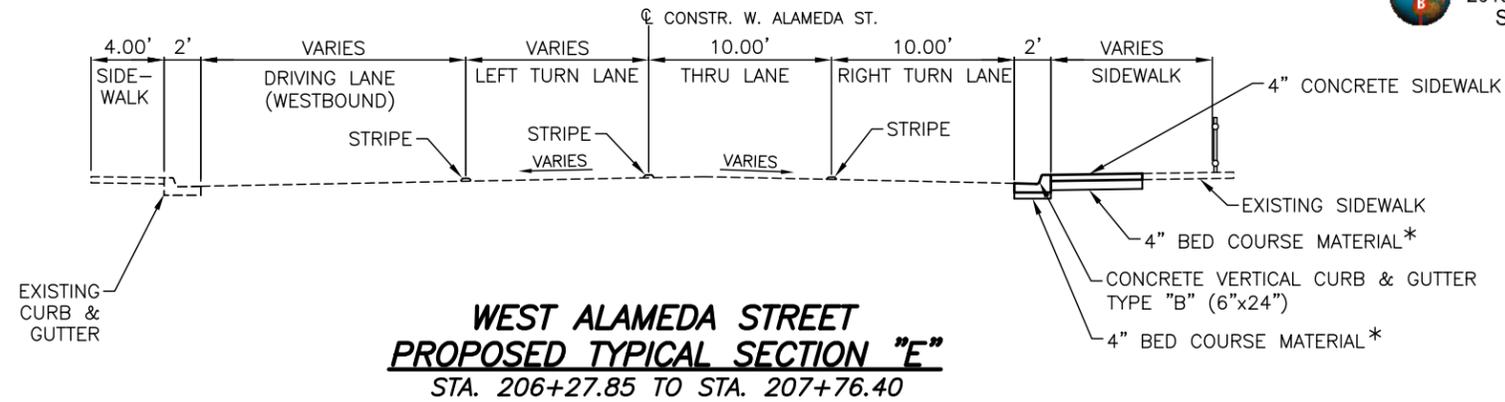
* MATERIAL AND INSTALLATION COSTS ASSOCIATED WITH BED COURSE MATERIAL SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR CURB & GUTTER OR SIDEWALK.

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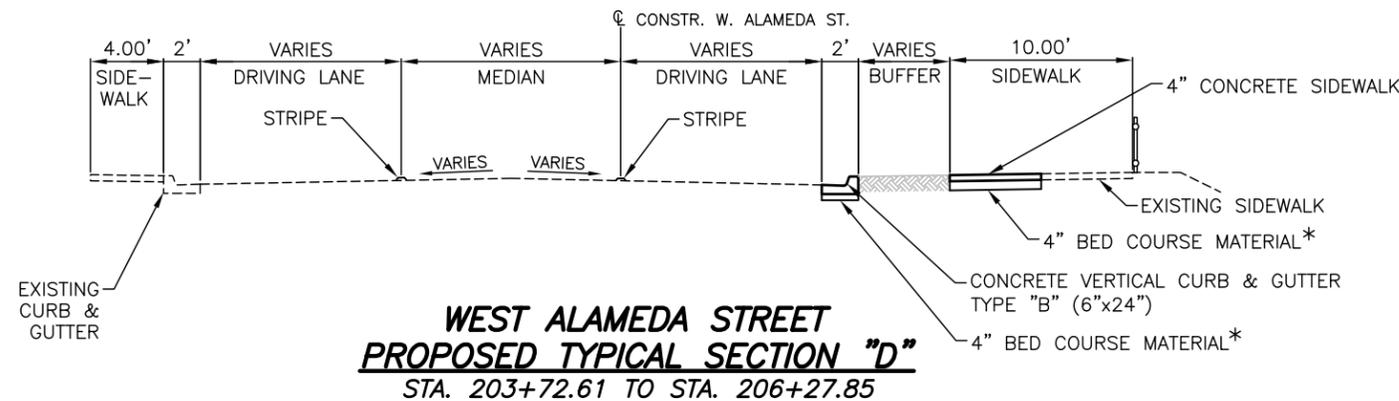


MINOR PAVING - SURFACING DETAIL

NOTE: TACK COAT AND PRIME COAT SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICE FOR ITEM 416000 - MINOR PAVING AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

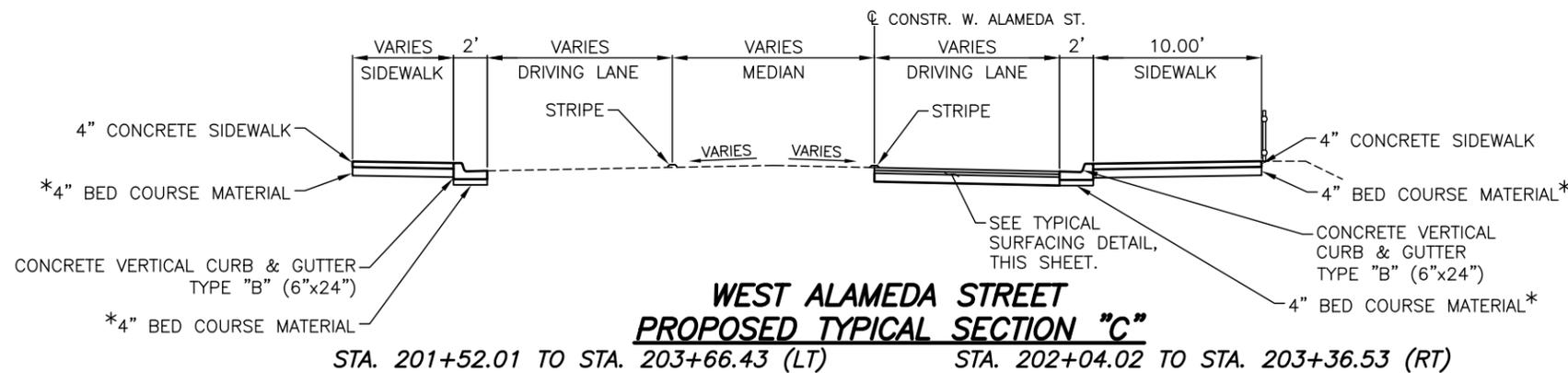


**WEST ALAMEDA STREET
PROPOSED TYPICAL SECTION "E"**
STA. 206+27.85 TO STA. 207+76.40

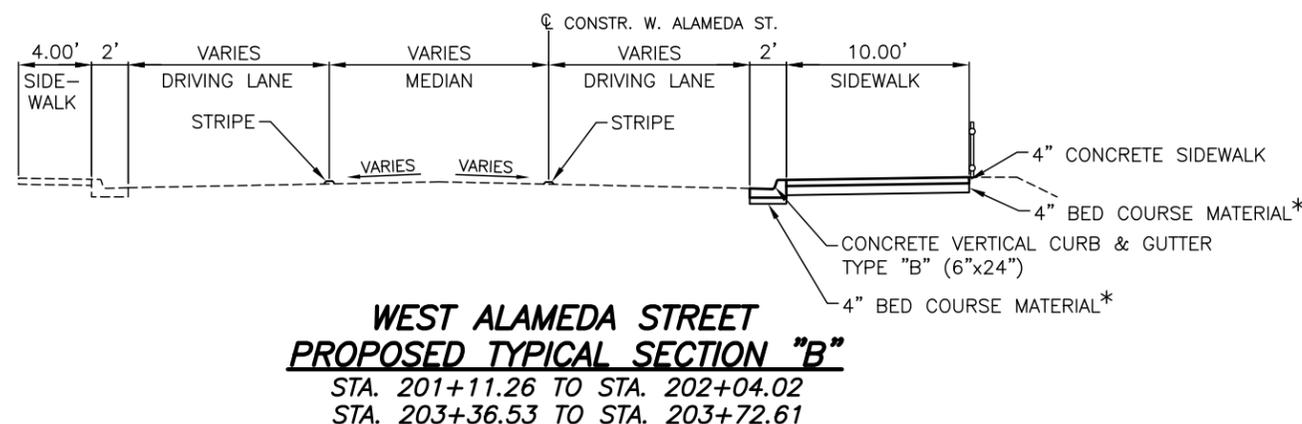
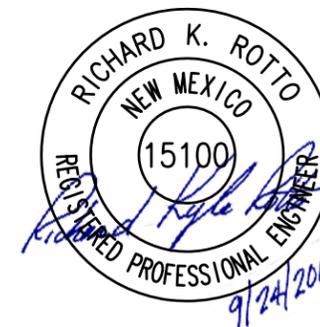


**WEST ALAMEDA STREET
PROPOSED TYPICAL SECTION "D"**
STA. 203+72.61 TO STA. 206+27.85

NOTE:
FOR W. ALAMEDA ST. CURB LINE GEOMETRY,
SEE SHTS 2-17 THRU 2-19 OF PLANS.



**WEST ALAMEDA STREET
PROPOSED TYPICAL SECTION "C"**
STA. 201+52.01 TO STA. 203+66.43 (LT) STA. 202+04.02 TO STA. 203+36.53 (RT)



**WEST ALAMEDA STREET
PROPOSED TYPICAL SECTION "B"**
STA. 201+11.26 TO STA. 202+04.02
STA. 203+36.53 TO STA. 203+72.61

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REVISIONS (OR CHANGE NOTICES)

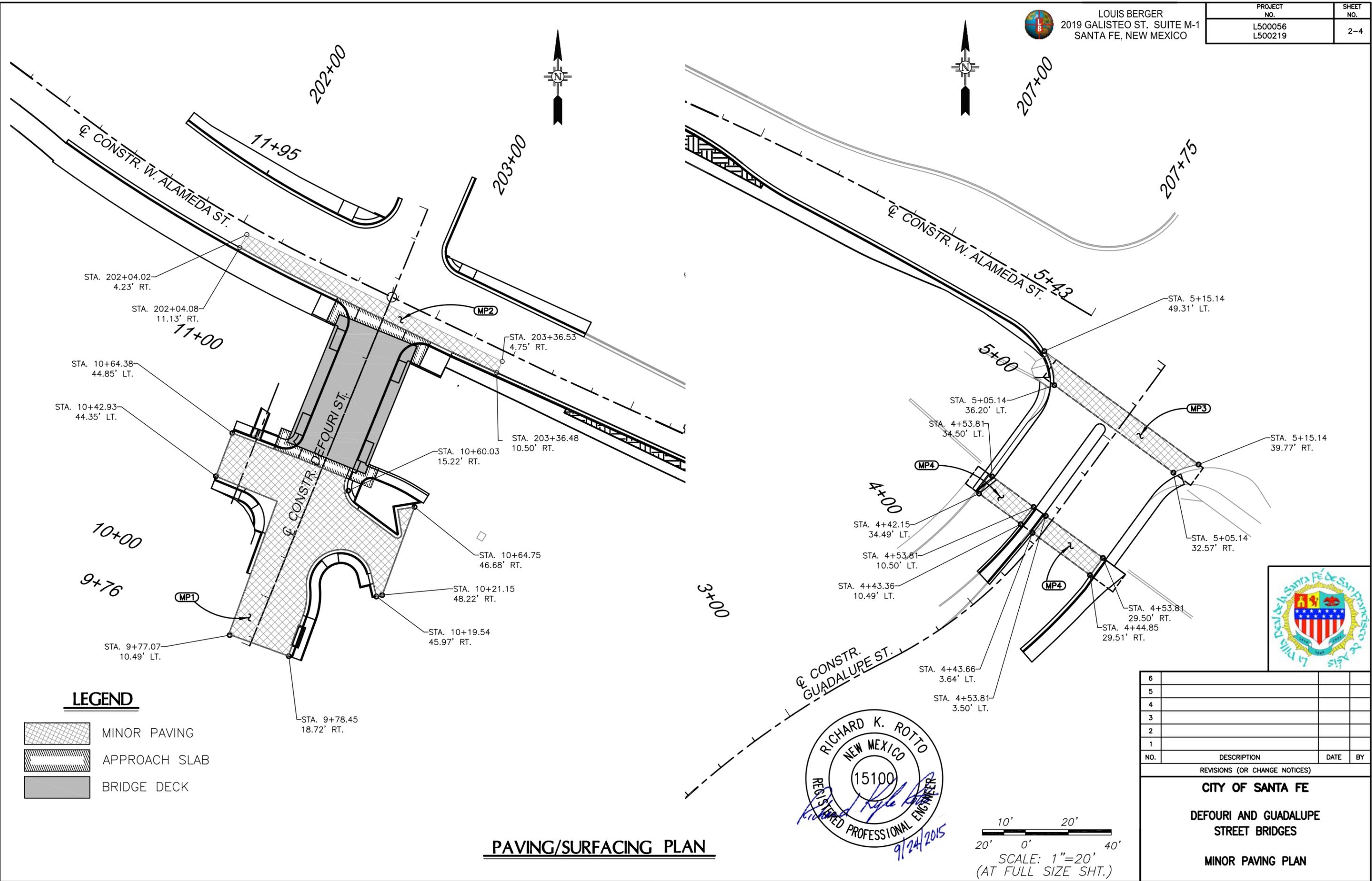
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
TYPICAL SECTIONS

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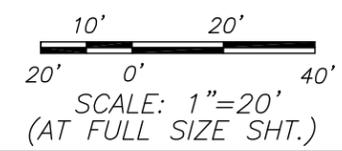
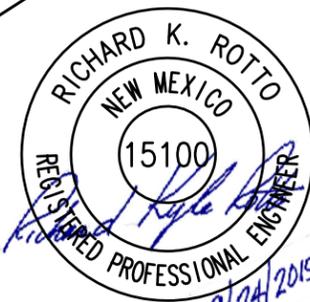
LOUIS BERGER
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PROJECT NO.	SHEET NO.
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LEGEND

- MINOR PAVING
- APPROACH SLAB
- BRIDGE DECK



PAVING/SURFACING PLAN



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

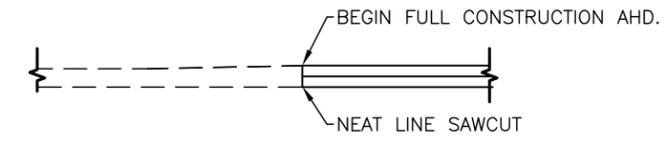
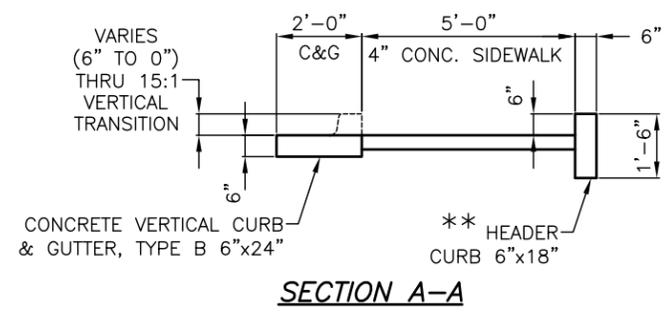
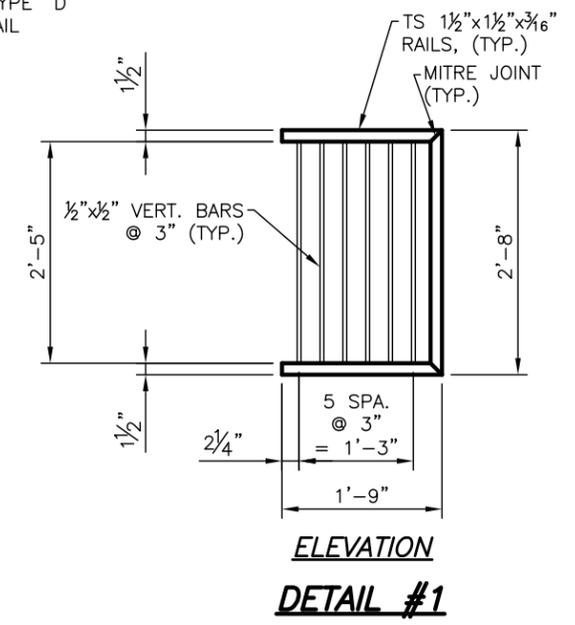
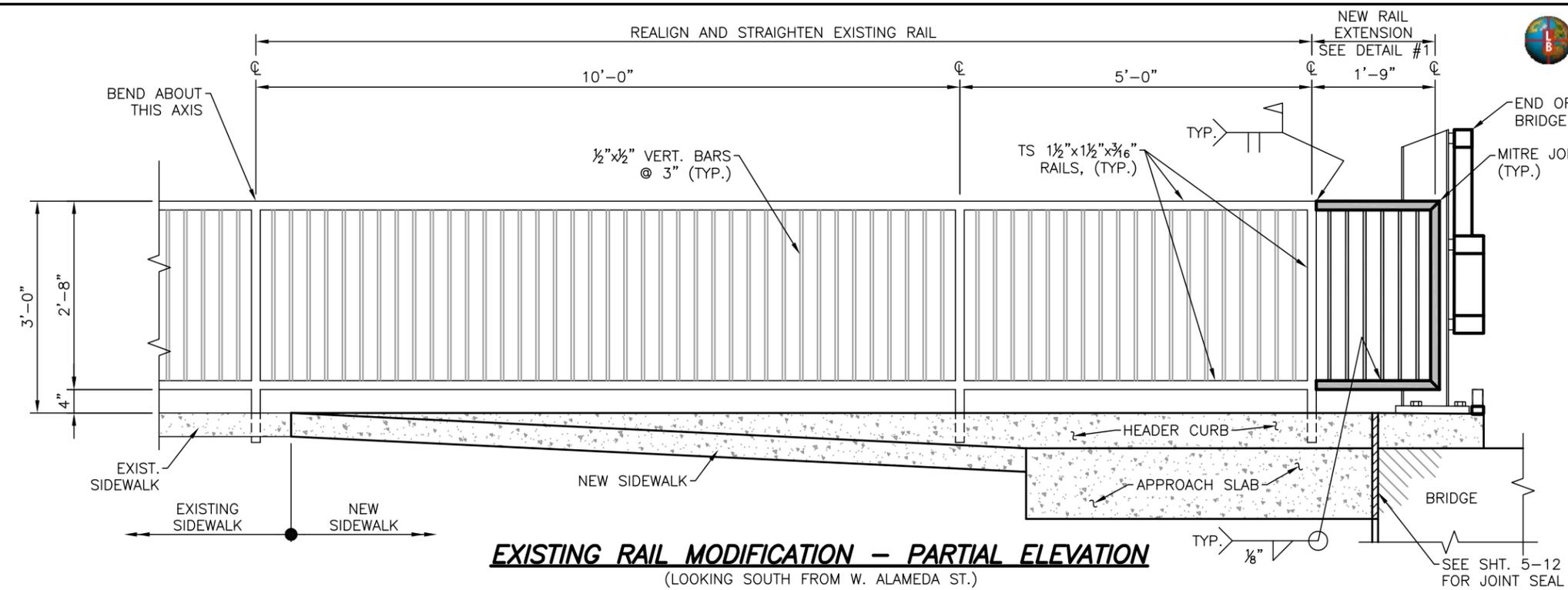
DEFOURI AND GUADALUPE STREET BRIDGES

MINOR PAVING PLAN



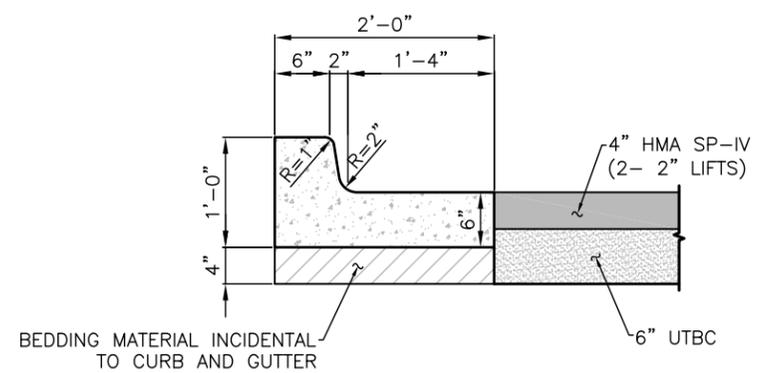
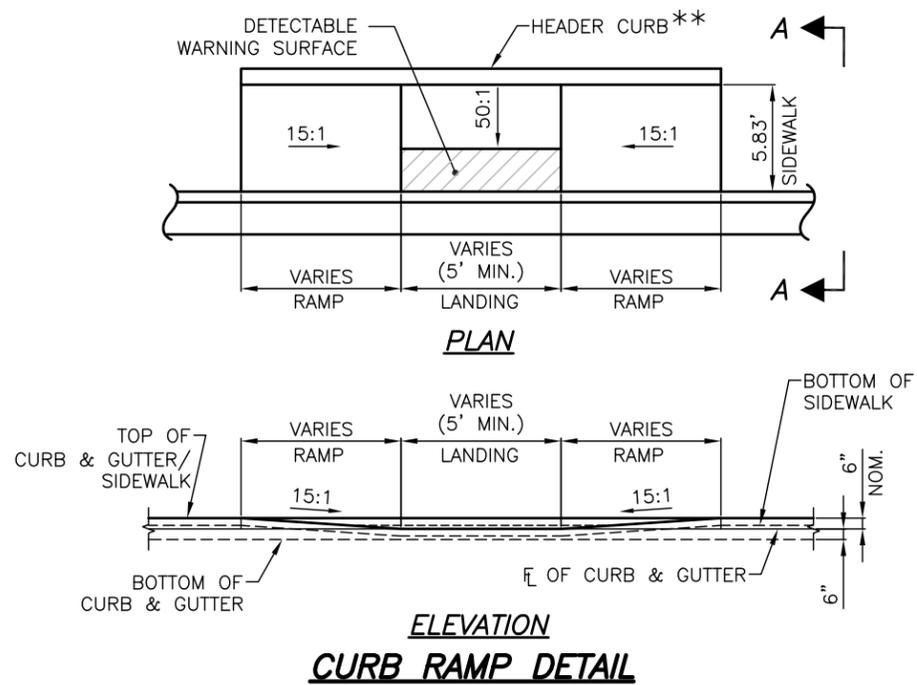
LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
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PROJECT NO.	SHEET NO.
L500056 L500219	2-5



NOTE:
NEAT LINE SAWCUT REQUIRED FOR THE CONNECTION WILL BE CONSIDERED INCIDENTAL TO ITEM 601110 - REMOVAL OF SURFACING AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

SURFACING CONNECTION DETAIL



NOTE:
FOR CURB AND GUTTER DETAILS, SEE NMDOT STANDARD DRAWING 609-01-1/1 - SIDEWALK, CURB AND GUTTER

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CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

MISCELLANEOUS DETAILS

** HEADER CURB SHALL BE CONSIDERED INCIDENTAL TO ITEM NO. 608004 - CONCRETE SIDEWALK 4" AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

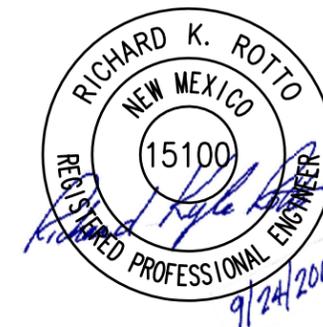
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LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
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PROJECT NO.	SHEET NO.
L500056 L500219	2-6

ESTIMATED STRUCTURE QUANTITIES			570024	623312	662000
			24" CULVERT PIPE	CURB DROP INLET TYPE II-B, 0' to 4'	MANHOLE TYPE C, 4' DIAMETER 0' to 6'
STATION	STRUCTURE	SKEW	L.F.	EACH	EACH
9+88.50 (APPROX.)	EXPOSE EXISTING CULVERT PIPE. BUILD 1- MANHOLE, TYPE C-4' DIA, H=3'-0" (5.70' RT). ENCASING EXISTING CULVERT PIPE. BUILD 1- CURB DROP INLET, TYPE II-B, H=3'-0" (18.11' RT). CONNECT MANHOLE TO CDI w/ 1- 24"x12' CULVERT PIPE	0 °	12	1	1
PROJECT TOTALS			12	1	1
PROJECT USE			12	1	1



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

**DEFOURI AND GUADALUPE
STREET BRIDGES
ESTIMATED STRUCTURE QUANTITIES**

File: H:\of_siv\Eng\Projects\CKE52001 - Defouri St. Bridge\00_Plans\2_Sheets\2_6_Defouri_ESQs.dwg Date: Oct 08, 2015 3:54pm



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	2-7

**ITEM NO. 609424
CONCRETE CURB AND GUTTER, VERTICAL TYPE B - 6"X24"**

KEYNOTE REF.	STATION	LOC.	TO	STATION	LOC.	LIN. FT.	REMARKS
CG1	9+78.44	18.46' RT.	to	10+19.54	45.97' RT.	90.26	DEFOURI ST. B.O.P. thru SOUTH SIDE CHURCH TURNOUT
CG2	10+54.05	20.60' RT.	to	10+64.75	46.68' RT.	47.26	DEFOURI ST. SOUTH EAST BRIDGE LIMTS thru NORTH SIDE CHURCH TURNOUT
CG3	10+07.01	12.19' LT.	to	10+42.93	44.36' LT.	60.26	DEFOURI ST. SOUTH WEST RADIUS RETURN thru ALTO ST. SOUTHSIDE
CG4	10+64.86	24.27' LT.	to	10+64.38	44.85' LT.	20.58	DEFOURI ST. SOUTH WEST BRIDGE LIMITS thru ALTO ST. NORTH SIDE
CG5	201+11.26	12.80' RT.	to	202+54.58	11.00' RT.	145.48	ALAMEDA ST. thru DEFOURI ST. NORTH WEST BRIDGE LIMTS
CG6	203+02.66	11.00' RT.	to	207+76.40	36.52' RT.	478.18	ALAMEDA ST. ~ DEFOURI ST. NORTH EAST BRIDGE LIMITS thru GUADALUPE ST.
CG7	201+52.01	225.15' LT	to	202+61.95	43.16' LT.	120.80	ALAMEDA ST. thru WATER ST. NORTH WEST RADIUS RETURN
CG8	202+86.87	66.50' LT.	to	203+66.74	29.44' LT.	117.11	WATER ST. NORTH EAST RADIUS RETURN thru ALAMEDA ST.
CG9	4+42.15	34.44' LT.	to	4+53.81	31.95' LT.	10.36	GUADALUPE ST.
CG10	4+03.49	29.91' RT.	to	4+53.80	29.50' RT.	57.28	GUADALUPE ST.
PROJECT TOTAL						1147.57	
USE						1150	

**ITEM NO. 609418
CONCRETE CURB AND GUTTER, VERTICAL TYPE B - 6"X18"**

KEYNOTE REF.	STATION	LOC.	TO	STATION	LOC.	LIN. FT.	REMARKS
CG11	4+12.03	10.42 LT.	to	4+53.81	10.50' LT.	39.78	GUADALUPE ST.
CG12	4+12.06	2.03' LR.T.	to	4+53.81	3.50' LT.	41.02	GUADALUPE ST.
PROJECT TOTAL						80.80	
USE						85	

**ITEM NO. 608004
CONCRETE SIDEWALK 4"**

KEYNOTE REF.	STATION	TO	STATION	LOC.	SQ. YDS.	REMARKS
SW1	9+78.53	to	10+23.68	RT.	33.09	DEFOURI ST. B.O.P. thru SOUTH SIDE CHURCH TURNOUT
SW2	10+54.40	to	10+65.18	RT.	6.54	DEFOURI ST. SOUTH EAST BRIDGE LIMTS thru NORTH SIDE CHURCH TURNOUT
SW3	10+27.03	to	10+40.93	LT.	15.79	DEFOURI ST. SOUTH WEST RADIUS RETURN thru ALTO ST. SOUTHSIDE
SW4	10+66.85	to	10.70.85	LT.	9.15	DEFOURI ST. SOUTH WEST BRIDGE LIMITS thru ALTO ST. NORTH SIDE
SW5	200+08.39	to	202+54.57	RT.	287.73	ALAMEDA ST. thru DEFOURI ST. NORTH WEST BRIDGE LIMTS
SW6	203+02.66	to	207.65.59	RT.	259.92	ALAMEDA ST. ~ DEFOURI ST. NORTH EAST BRIDGE LIMITS thru GUADALUPE ST.
SW7	201+52.15	to	202+58.21	LT.	67.02	ALAMEDA ST. to WATER ST. WEST RADIUS RETURN
SW8	202+92.12	to	203+66.74	LT.	38.83	ALAMEDA ST. from WATER ST. EAST RADIUS RETURN
SW9	10+70.07	to	10+74.07	RT.	11.48	ALAMEDA ST. from DEFOURI ST.
SW10	4+41.92	to	4+53.81	LT.	3.48	GUADALUPE ST
SW11	4+03.49	to	4+53.81	RT.	44.53	GUADALUPE ST
PROJECT TOTAL					777.56	
USE					780	

NOTE: HEADER CURB & DETECTABLE WARNING SURFACES SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR ITEM NO. 608004 - CONCRETE SIDEWALK 4".

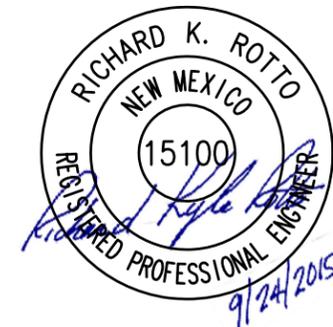
**ITEM NO. 609200
HEADER CURB**

KEYNOTE REF.	STATION	LOC	TO	STATION	LOC	LIN. FT.	REMARKS
HC1	9+78.72	24.46' RT.		10+23.39	40.77' RT.	72.69	SOUTHEAST CORNER OF DEFOURI ST. AND ALTO ST.
HC2	10+70.07	24.50' RT.		10+68.20	48.51' RT.	24.13	SOUTHWEST CORNER OF DEFOURI ST. AND ALTO ST.
HC3	10+74.07	24.50' RT.		10+71.92	50.52' RT.	26.17	NORTHEAST CORNER OF DEFOURI ST. AND ALTO ST.
HC4	10+71.35	24.42' LT.		10+71.18	31.87' LT.	7.45	NORTHWEST CORNER OF DEFOURI ST. AND ALTO ST.
HC5	11+25.50	23.94' RT.		11+24.90	35.07' RT.	11.14	
PROJECT TOTAL						141.58	
USE						145	

**ITEM NO. 601000
REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

STATION	TO	STATION	LOC	QUANTITY (FT)	REMARKS
10+75.46		11+29.04	LT. & RT.	53'-7"	EXISTING DEFOURI ST. BRIDGE SUPERSTRUCTURE
					EXISTING DEFOURI ST. BRIDGE PIER & FOOTING
	BOP	EOP	LT. & RT.		EXISTING SIDEWALK
	BOP	EOP	LT. & RT.		EXISTING CURB & GUTTER
	BOP	EOP	LT. & RT.		EXISTING DEFOURI ST. BRIDGE RAIL
	BOP	EOP	LT. & RT.		CONCRETE RUNDOWN
	BOP	EOP	LT. & RT.		TREES
	BOP	EOP	LT. & RT.		SIGNING
	BOP	EOP	LT. & RT.		EXISTING DEFOURI ST. BRIDGE WIRE ENCLOSED RIPRAP

NOTE: FOR REMOVALS PLAN, SEE SHTS 2-10 TO 2-15 OF PLANS.



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
MISCELLANEOUS QUANTITIES

File: H:_of_svf\Proj\Projects\CKE52001 - Defouri St. Bridge\00_Plans\2_Sheets\2_7-8_Defouri_Misc_Quant.dwg Date: Oct 08, 2015 - 3:54pm



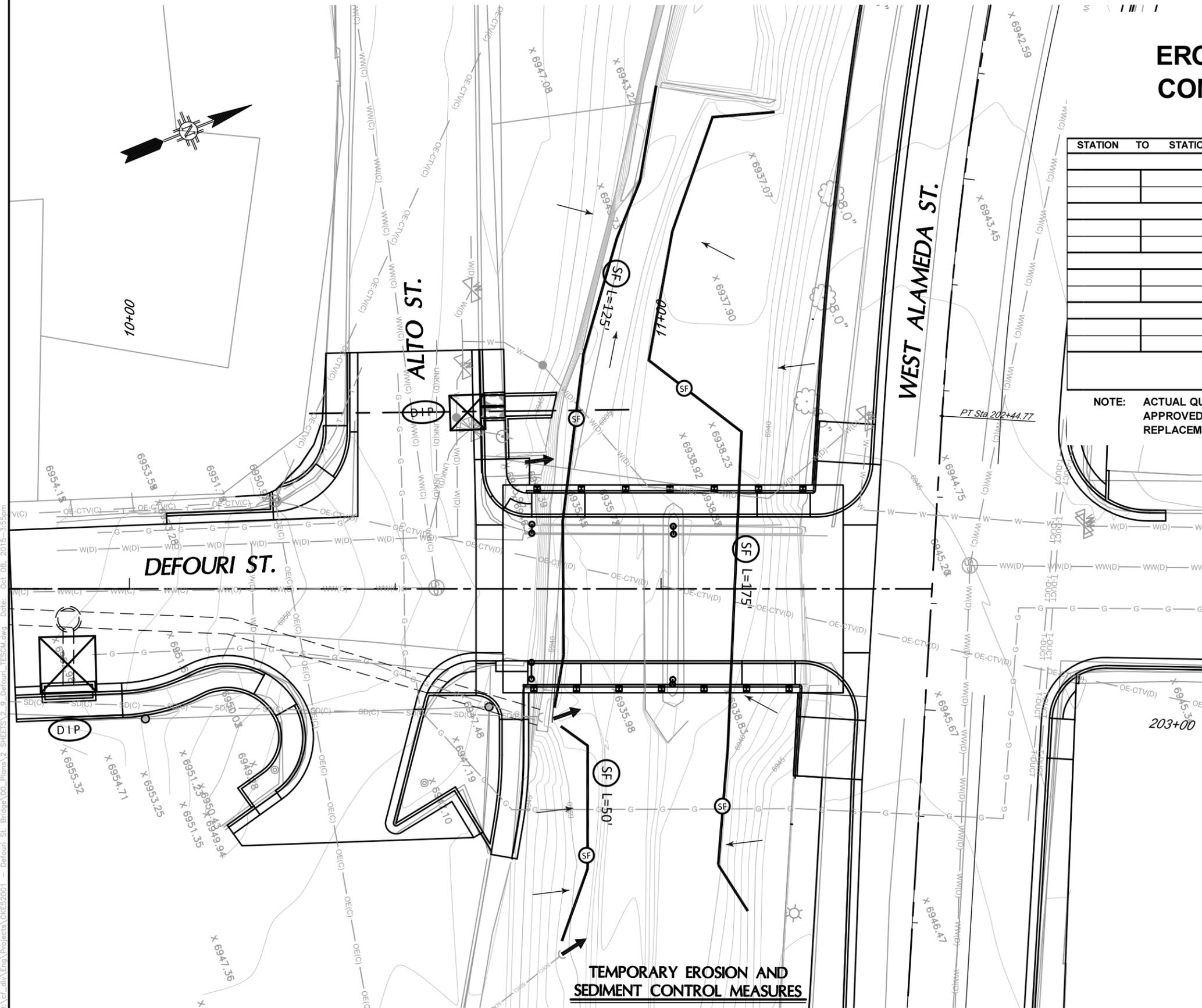
LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	2-9

EROSION & SEDIMENT CONTROL MEASURES

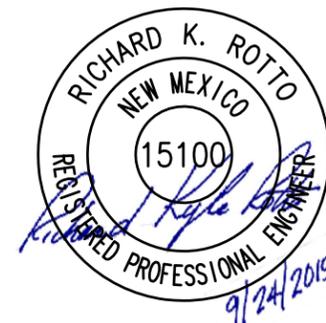
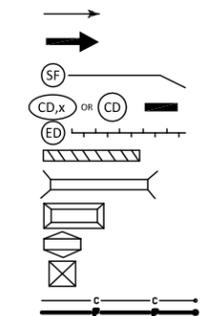
STATION TO	STATION	LOC.	DESCRIPTION	CHECK DAM TYPE II L.F.	DROP INLET PROTECTION TYPE I EA.	SILT FENCE L.F.
DEFOURI STREET						
FOR LOCATIONS, SEE THIS SHEET.					1	
ALTO STREET						
FOR LOCATIONS, SEE THIS SHEET.					1	
WEST ALAMEDA STREET						
FOR LOCATIONS, SEE THIS SHEET.						
SANTA FE RIVER						
FOR LOCATIONS, SEE THIS SHEET.						350
PROJECT TOTAL PROJECT USE					2	425

NOTE: ACTUAL QUANTITIES AND LOCATIONS MAY BE REVISED IN THE FIELD TO MATCH CONDITIONS AS APPROVED BY THE PROJECT MANAGER. SILT FENCE QUANTITY HAS BEEN INCREASED BY 20% FOR REPLACEMENT.



LEGEND

- Flow Direction
- Discharge Point
- Silt Fence
- Check Dam
- Earth Dike
- Culvert Protection
- Pipe Slope Drain
- Sediment Trap - Excavation
- Sediment Trap - Berm
- Drop Inlet Protection
- Slope Limits



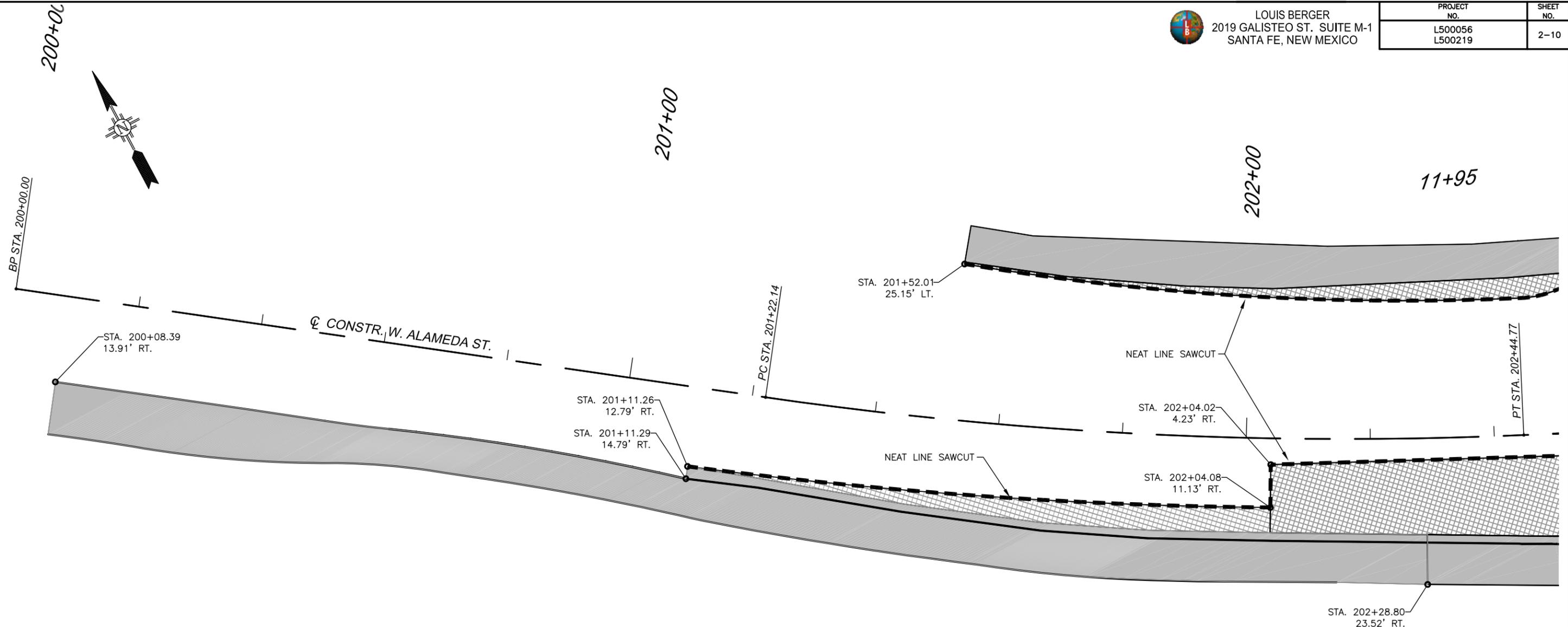
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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

CITY OF SANTA FE
DEFOURI AND GUADALUPE STREET BRIDGES
TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES

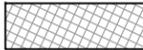
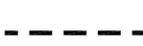


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	2-10



REMOVALS LEGEND

-  EXISTING PAVEMENT
-  EXISTING CURB & GUTTER, SIDEWALK, VALLEY GUTTER, MISC. CONCRETE ELEMENTS
-  NEAT LINE SAWCUT

8' 4' 0' 8' 16'
SCALE: 1"=8'
(AT FULL SIZE SHT.)

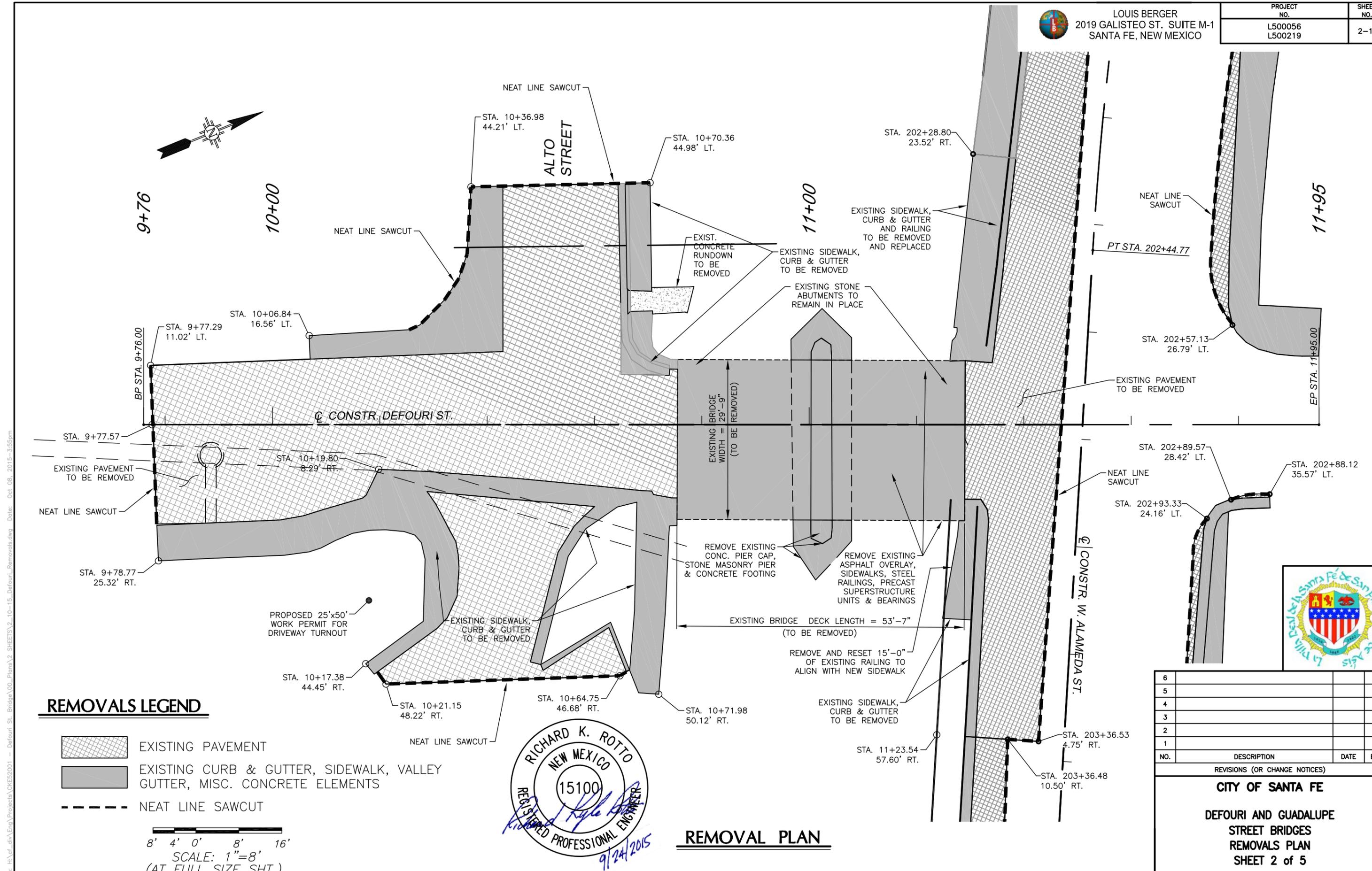
REMOVAL PLAN



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
REMOVALS PLAN
SHEET 1 of 5



REMOVALS LEGEND

- EXISTING PAVEMENT
- EXISTING CURB & GUTTER, SIDEWALK, VALLEY GUTTER, MISC. CONCRETE ELEMENTS
- NEAT LINE SAWCUT



REMOVAL PLAN

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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES REMOVALS PLAN SHEET 2 of 5

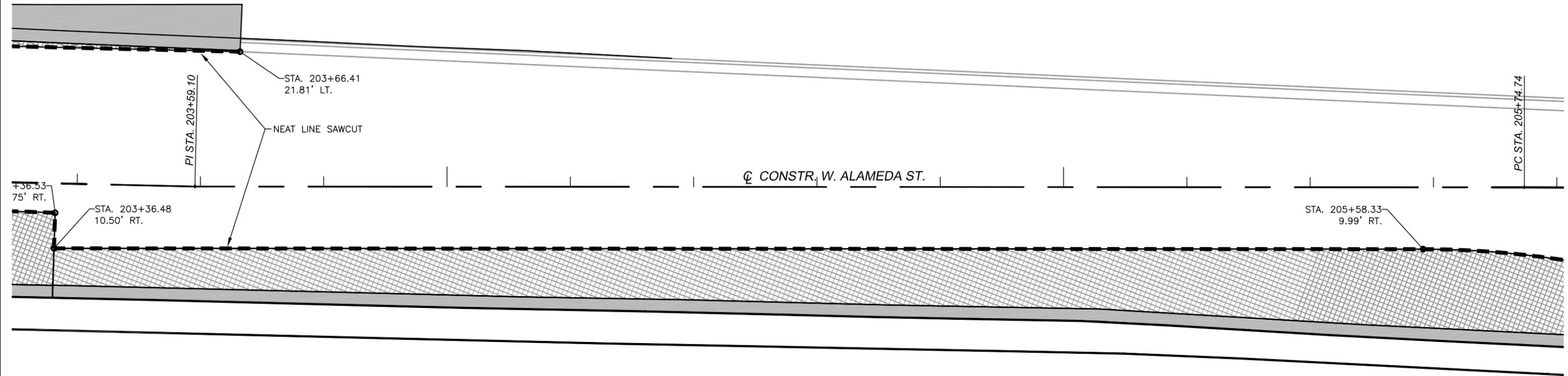
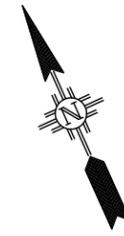


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	2-12

204+00

205+00



REMOVALS LEGEND

- EXISTING PAVEMENT
- EXISTING CURB & GUTTER, SIDEWALK, VALLEY GUTTER, MISC. CONCRETE ELEMENTS
- NEAT LINE SAWCUT



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CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
REMOVALS PLAN
SHEET 3 OF 5

8' 4' 0' 8' 16'
SCALE: 1"=8'
(AT FULL SIZE SHT.)

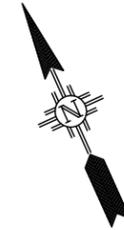
REMOVAL PLAN

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LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	2-13



206+00

207+00

207+75

PC STA. 205+74.74

☉ CONSTR. W. ALAMEDA ST.

PCC STA. 207+07.65

EP STA. 207+75.00

STA. 205+97.42
14.95' RT.

STA. 206+27.85
19.05' RT.

STA. 207+42.95
20.00' RT.

NEAT LINE SAWCUT

STA. 207+64.56
25.34' RT.

STA. 5+15.14
48.67' LT.

5+43

EP STA. 5+42.99

STA. 5+02.44
45.91' LT.

STA. 5+02.55
42.73' LT.

STA. 4+90.25
38.50' LT.

5+00

STA. 4+53.81
38.50' LT.



REMOVALS LEGEND



EXISTING PAVEMENT

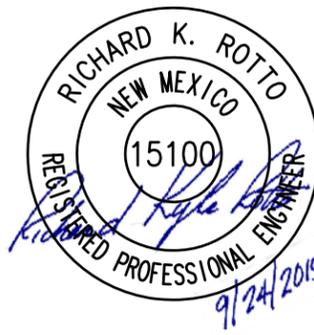


EXISTING CURB & GUTTER, SIDEWALK, VALLEY GUTTER, MISC. CONCRETE ELEMENTS



NEAT LINE SAWCUT

8' 4' 0' 8' 16'
SCALE: 1"=8'
(AT FULL SIZE SHT.)



REMOVAL PLAN

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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE
STREET BRIDGES
REMOVALS PLAN
SHEET 4 of 5

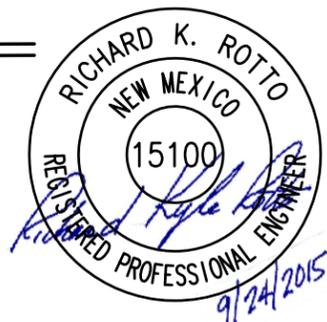
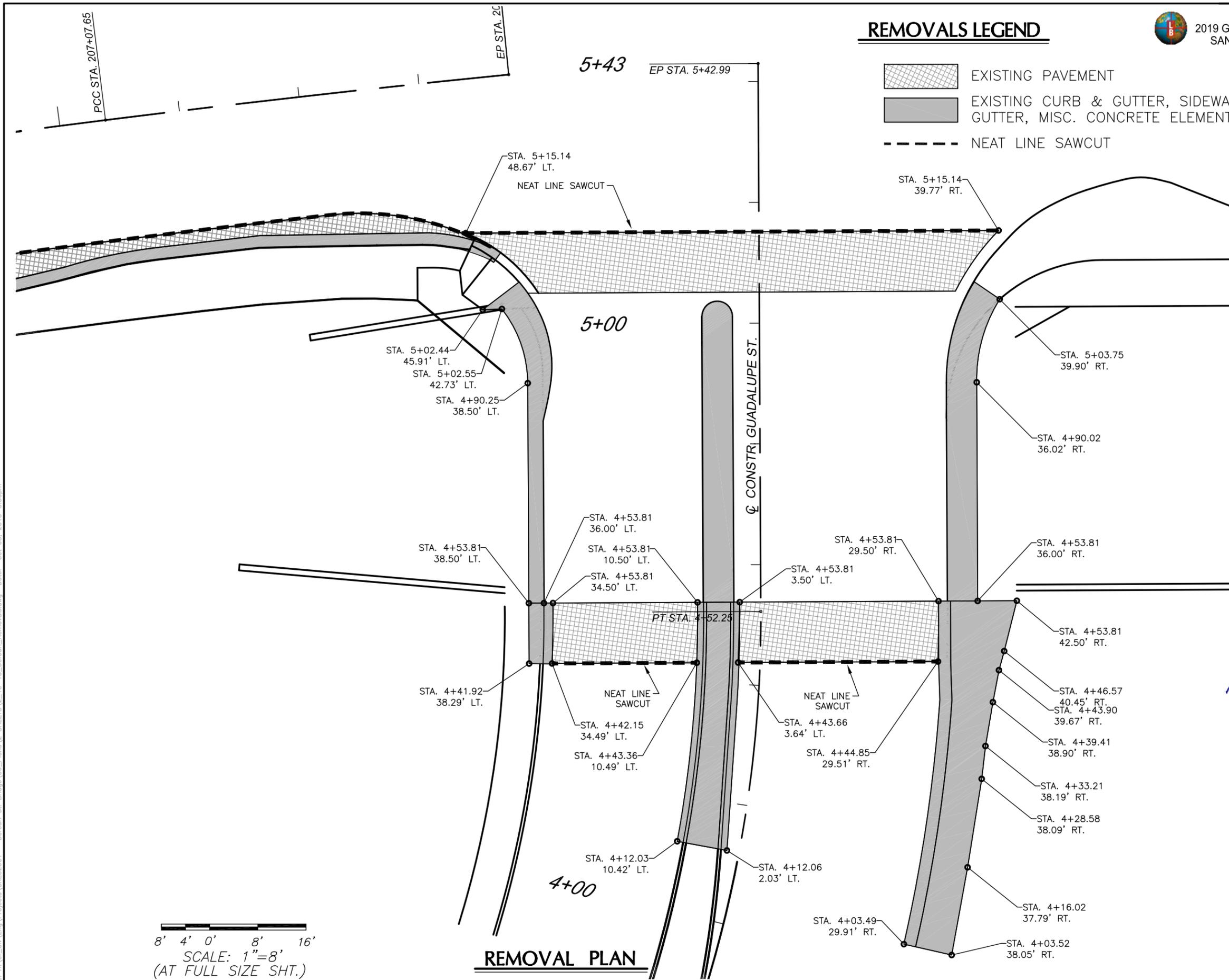


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	2-14

REMOVALS LEGEND

-  EXISTING PAVEMENT
-  EXISTING CURB & GUTTER, SIDEWALK, VALLEY GUTTER, MISC. CONCRETE ELEMENTS
-  NEAT LINE SAWCUT



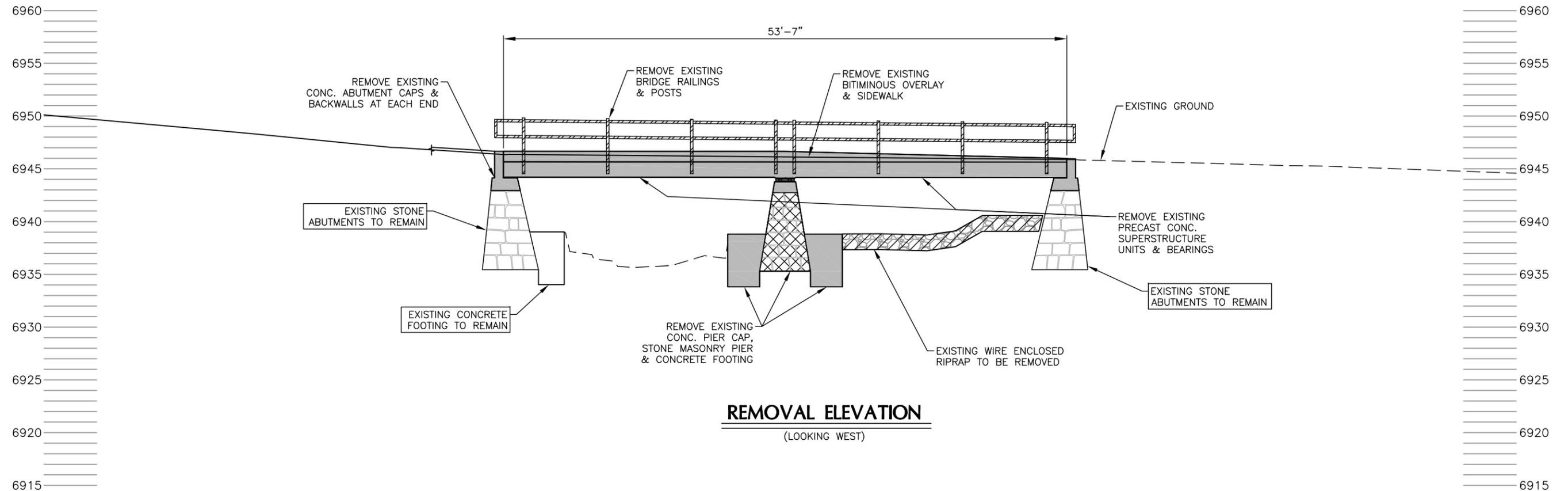
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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

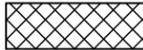
DEFOURI AND GUADALUPE STREET BRIDGES REMOVALS PLAN SHEET 5 of 5

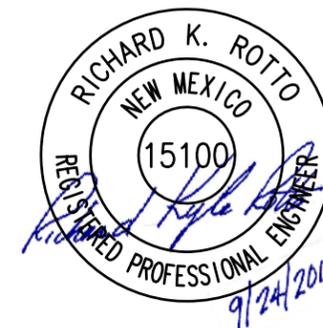
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REMOVAL ELEVATION
(LOOKING WEST)

LEGEND

-  CONCRETE TO BE REMOVED
-  STONE MASONRY TO BE REMOVED
-  WIRE ENCLOSED RIPRAP TO BE REMOVED
-  METAL BRIDGE RAIL TO BE REMOVED



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REVISIONS (OR CHANGE NOTICES)

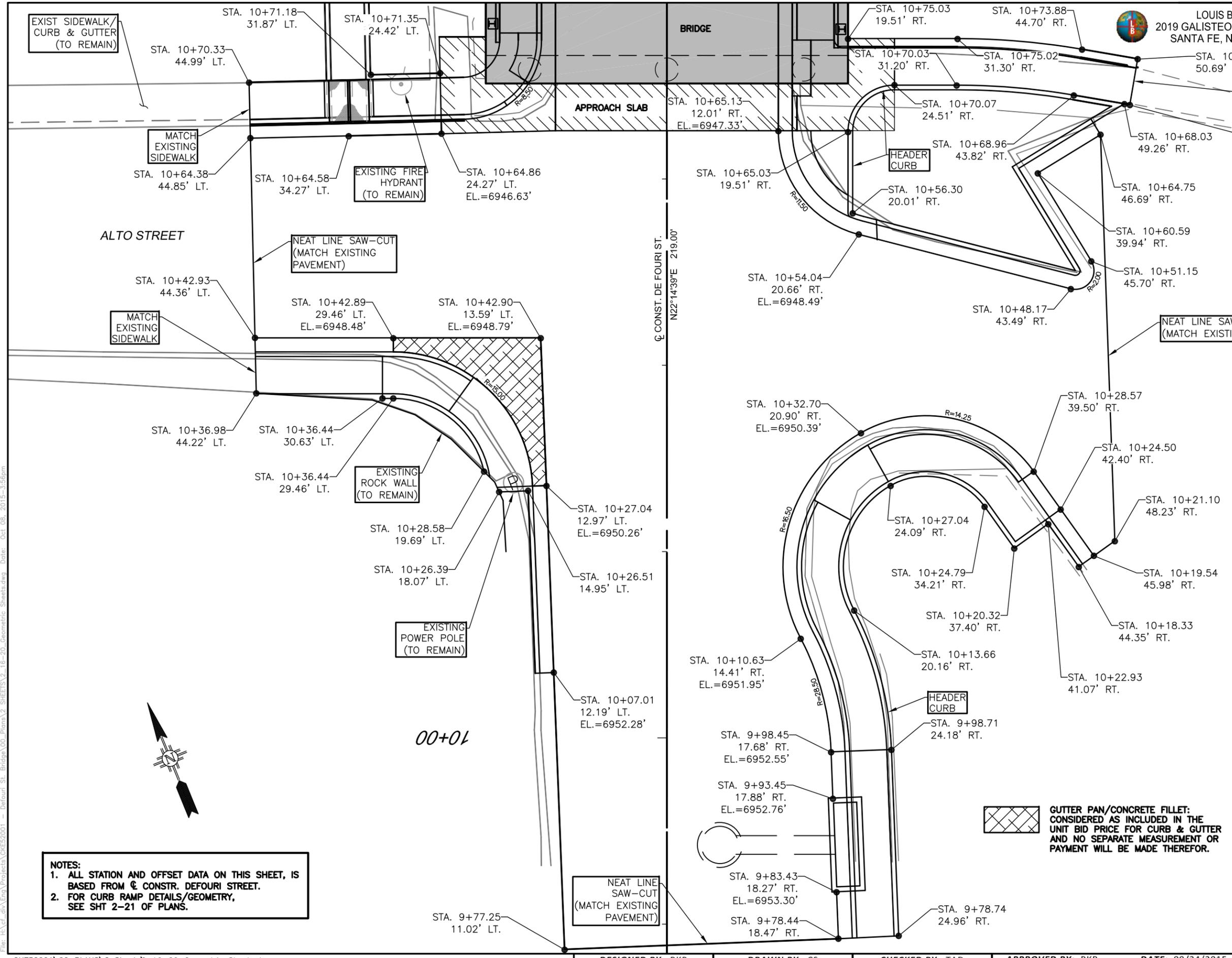
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
REMOVAL ELEVATION

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LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	2-16



NOTES:
1. ALL STATION AND OFFSET DATA ON THIS SHEET, IS BASED FROM \mathcal{Q} CONST. DEFOURI STREET.
2. FOR CURB RAMP DETAILS/GEOMETRY, SEE SHT 2-21 OF PLANS.

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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

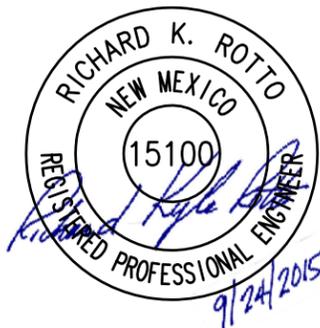
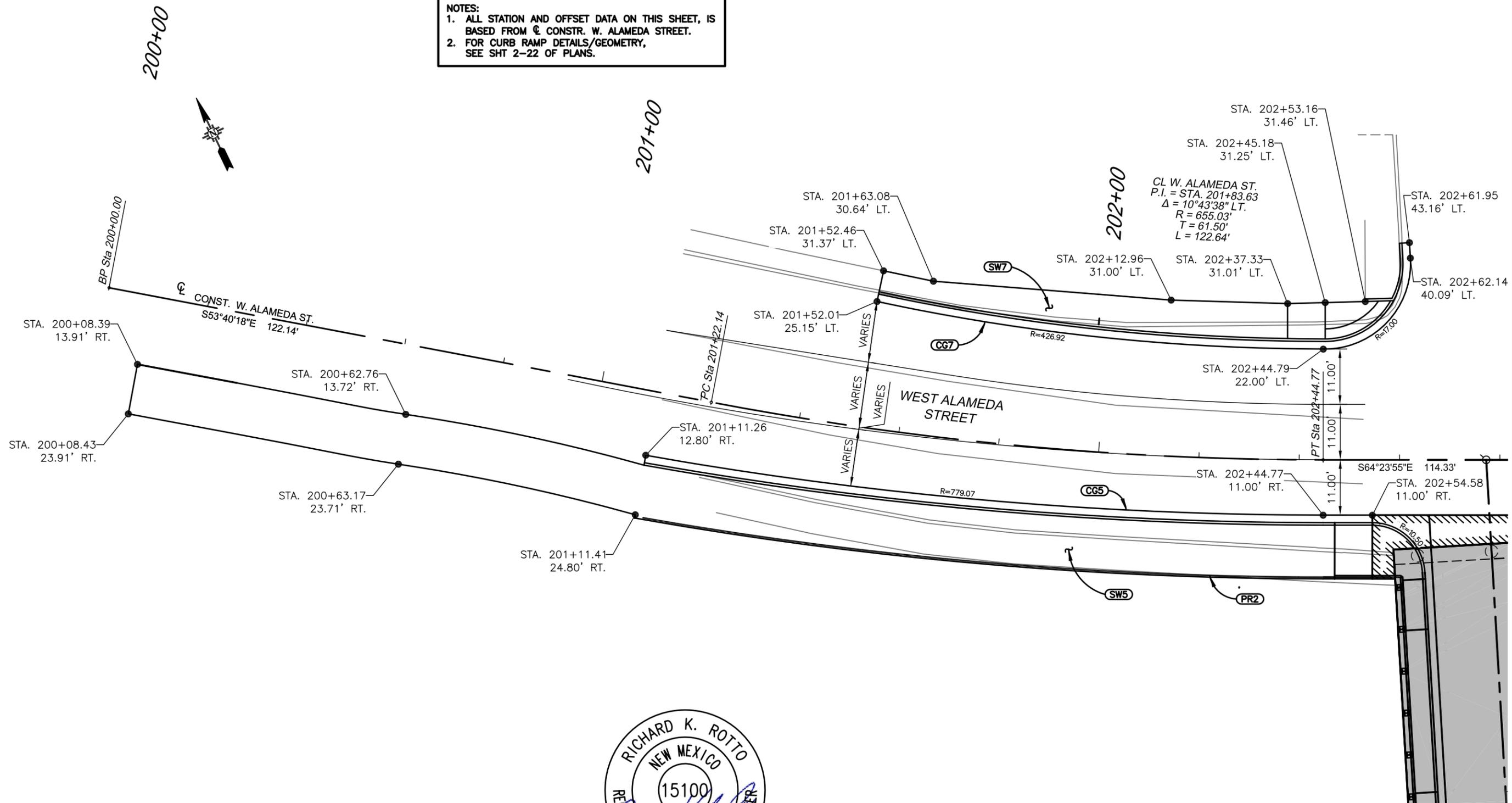
DEFOURI ST. GEOMETRIC LAYOUT



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO. L500056 L500219	SHEET NO. 2-17
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NOTES:
1. ALL STATION AND OFFSET DATA ON THIS SHEET, IS BASED FROM \odot CONSTR. W. ALAMEDA STREET.
2. FOR CURB RAMP DETAILS/GEOMETRY, SEE SHT 2-22 OF PLANS.



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REVISIONS (OR CHANGE NOTICES)

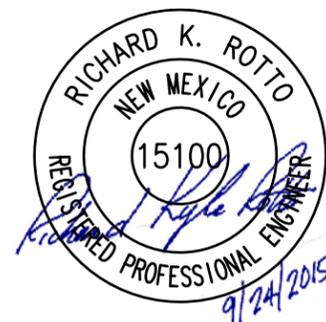
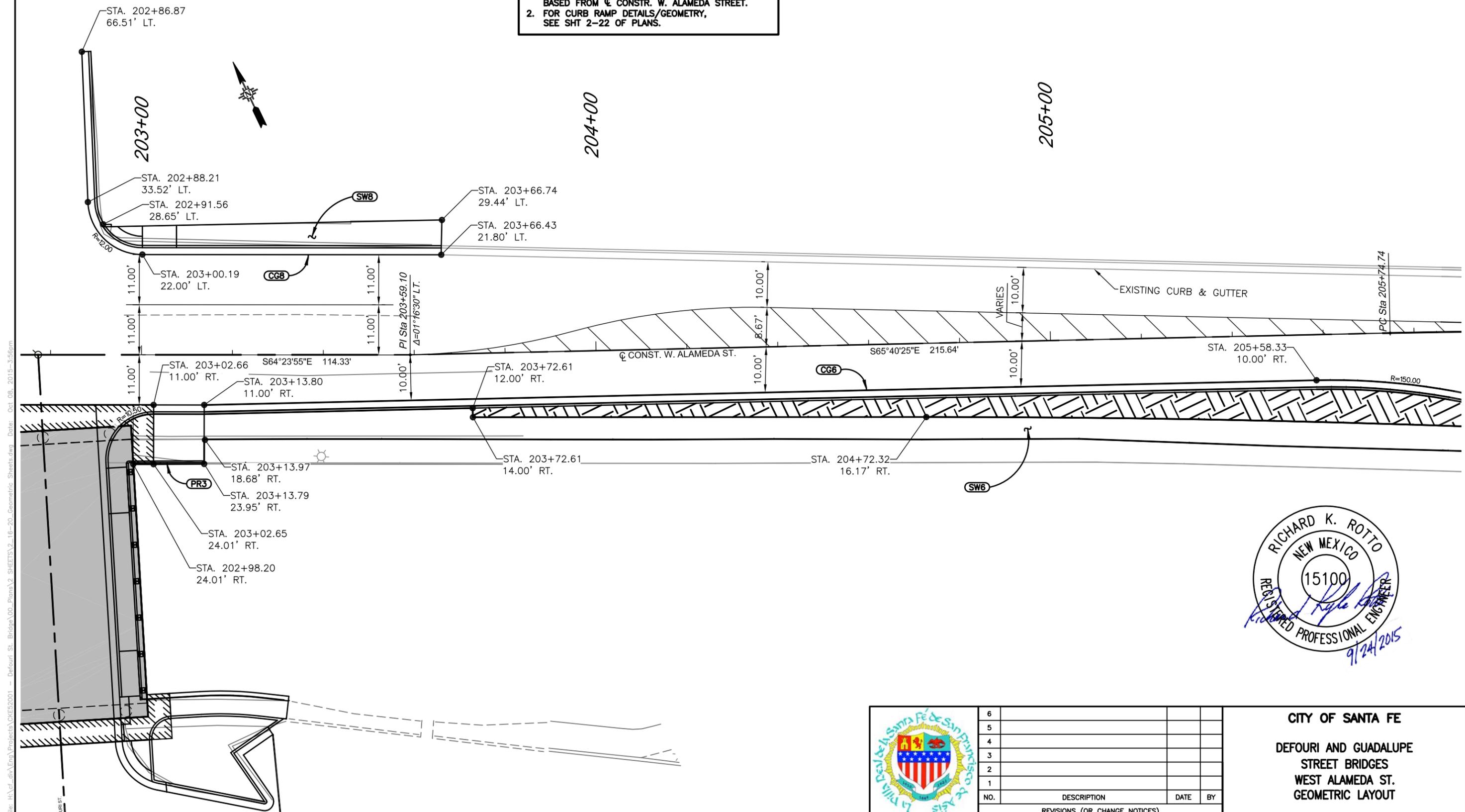
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
WEST ALAMEDA ST.
GEOMETRIC LAYOUT



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO. L500056 L500219	SHEET NO. 2-18
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NOTES:
1. ALL STATION AND OFFSET DATA ON THIS SHEET, IS BASED FROM \hat{C} CONSTR. W. ALAMEDA STREET.
2. FOR CURB RAMP DETAILS/GEOMETRY, SEE SHT 2-22 OF PLANS.



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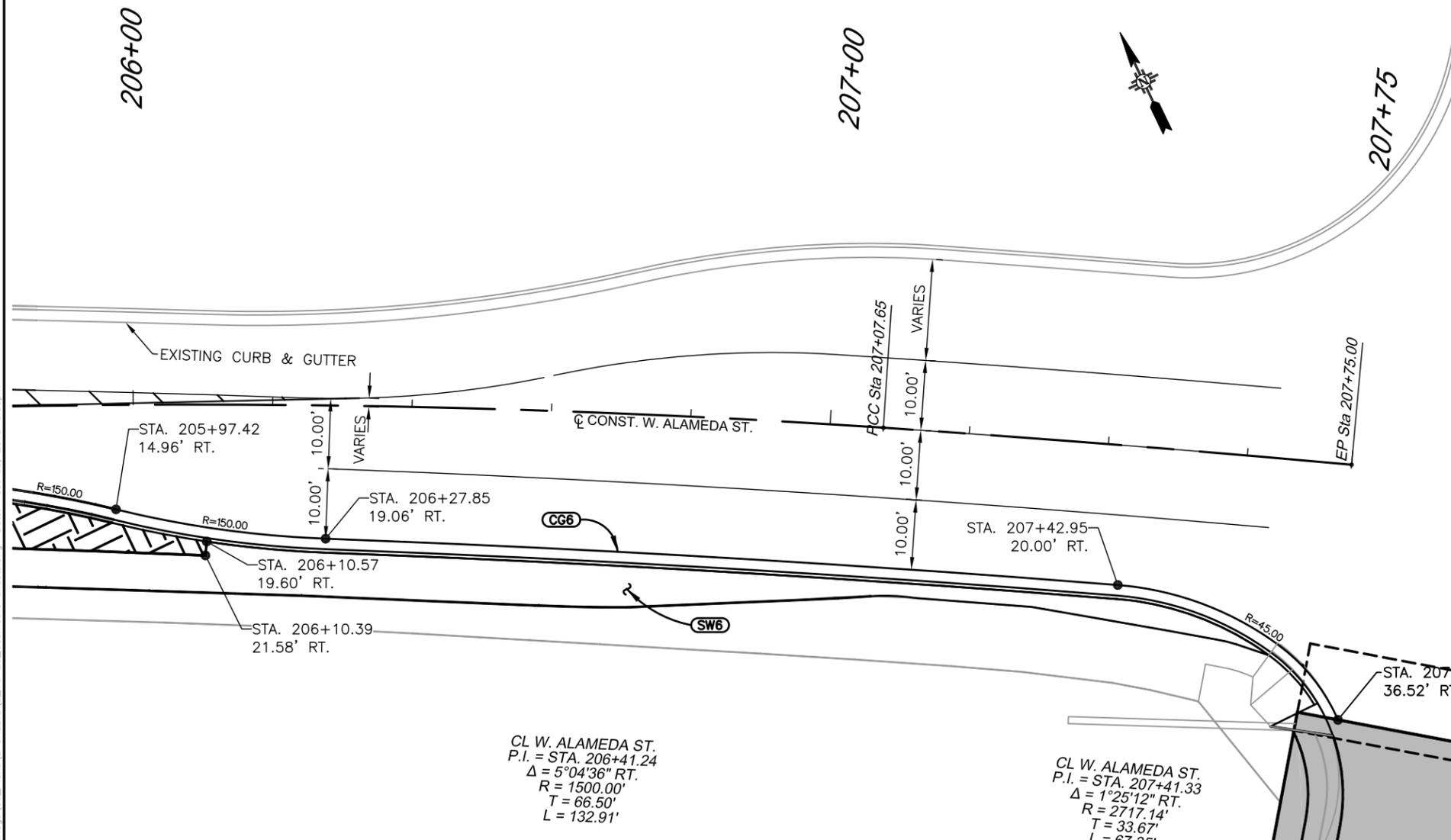
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
WEST ALAMEDA ST.
GEOMETRIC LAYOUT



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	2-19

NOTES:
ALL STATION AND OFFSET DATA ON THIS SHEET, IS
BASED FROM \bar{C} CONSTR. W. ALAMEDA STREET.



CL W. ALAMEDA ST.
P.I. = STA. 206+41.24
 $\Delta = 5^{\circ}04'36''$ RT.
R = 1500.00'
T = 66.50'
L = 132.91'

CL W. ALAMEDA ST.
P.I. = STA. 207+41.33
 $\Delta = 1^{\circ}25'12''$ RT.
R = 2717.14'
T = 33.67'
L = 67.35'



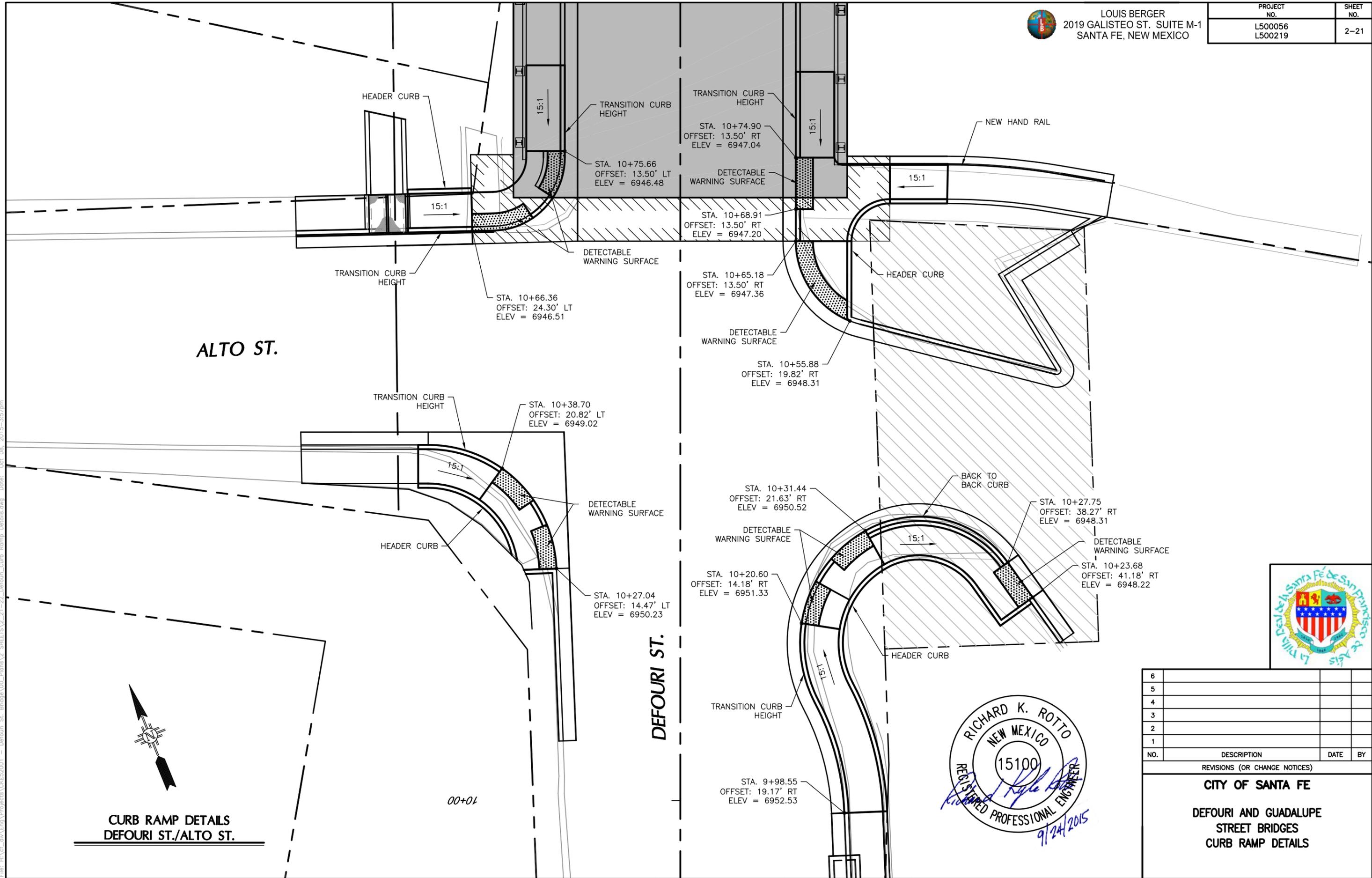
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CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
WEST ALAMEDA ST.
GEOMETRIC LAYOUT

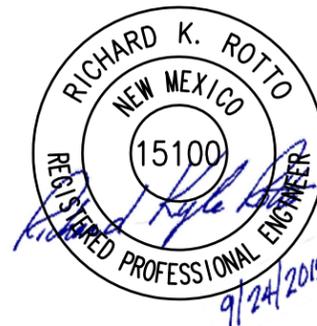


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	2-21



**CURB RAMP DETAILS
DEFOURI ST./ALTO ST.**



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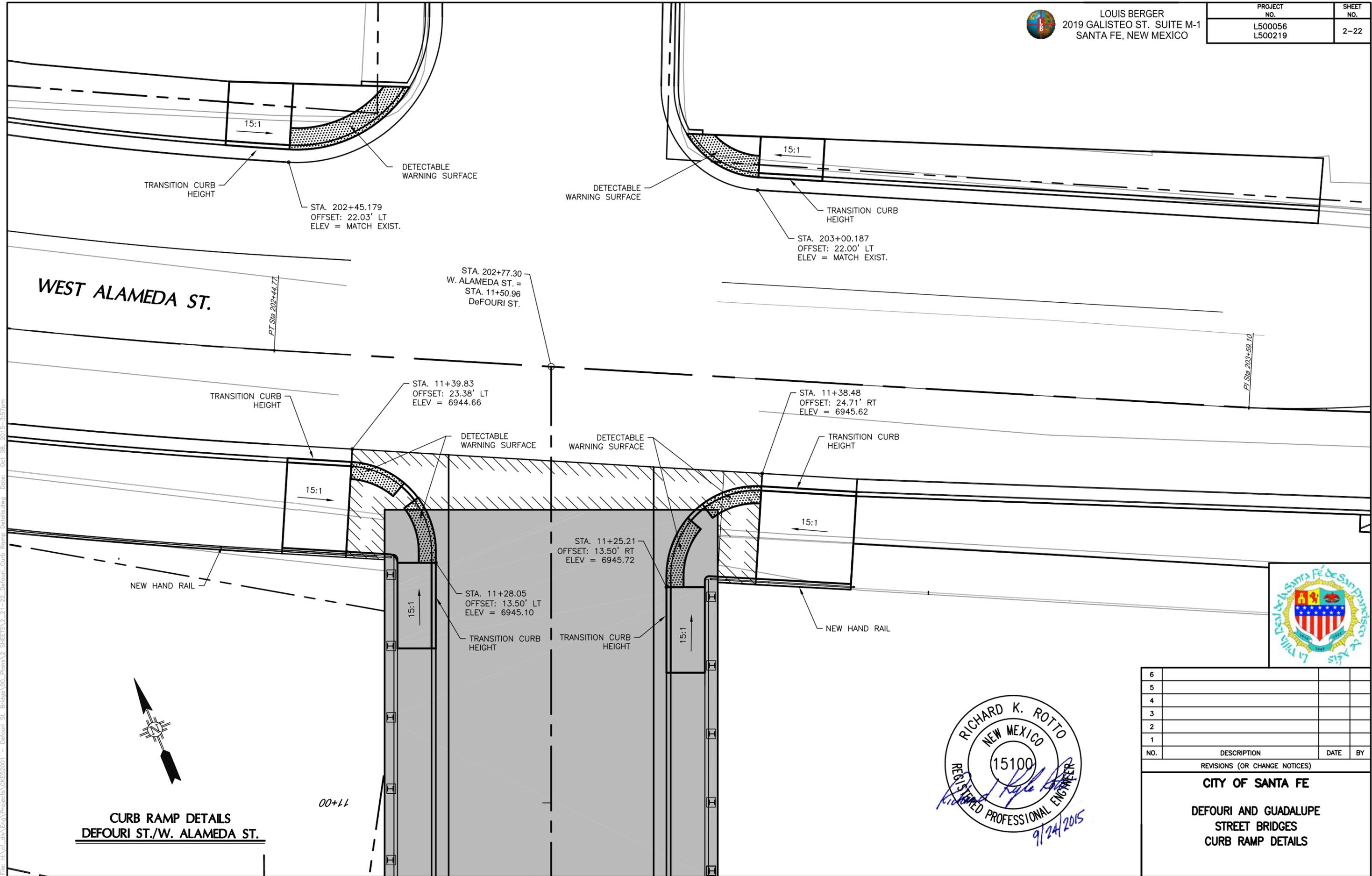
REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
**DEFOURI AND GUADALUPE
STREET BRIDGES
CURB RAMP DETAILS**



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	2-22



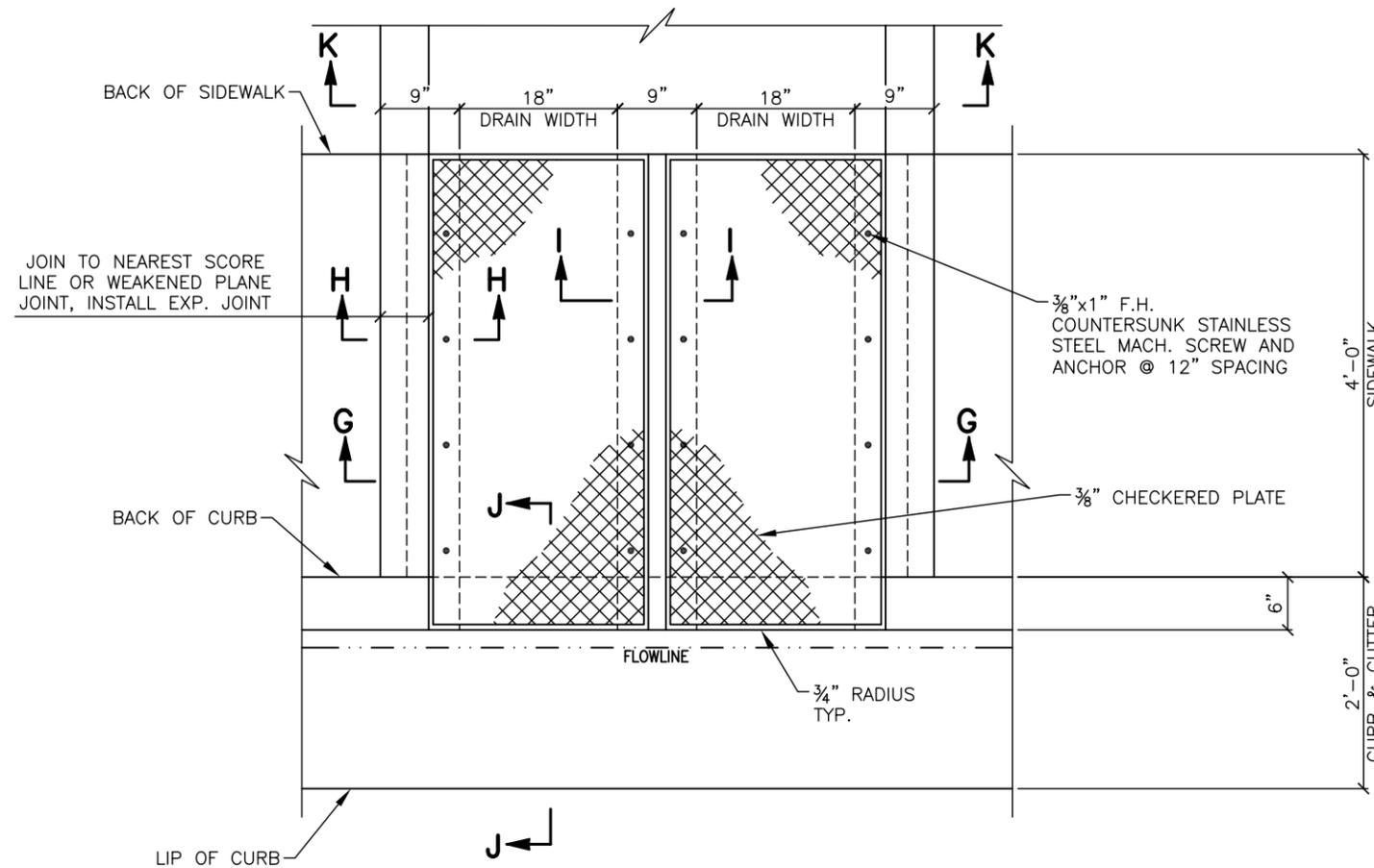
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REVISIONS (OR CHANGE NOTICES)

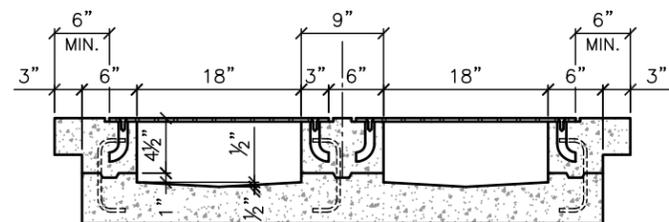
CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

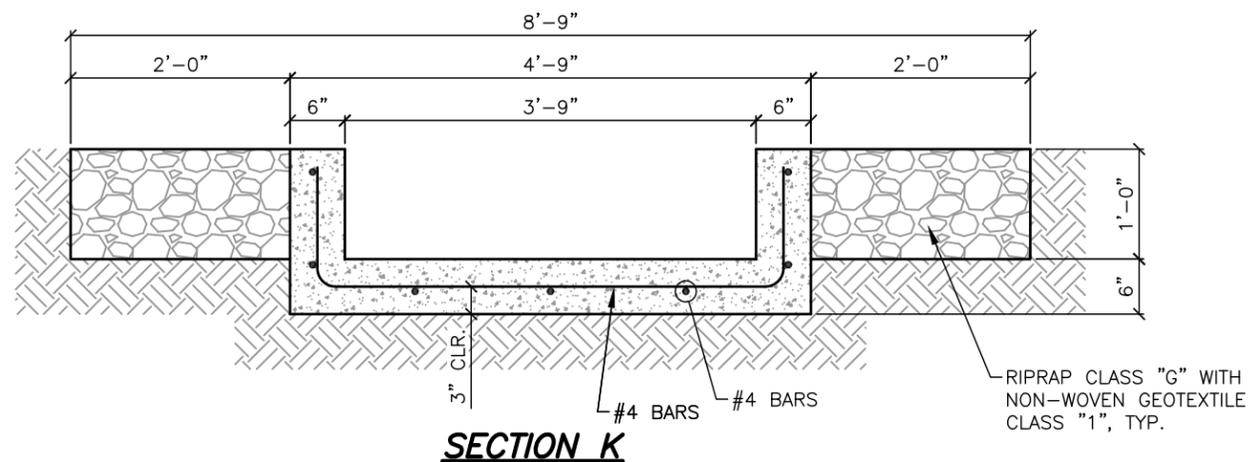
CURB RAMP DETAILS



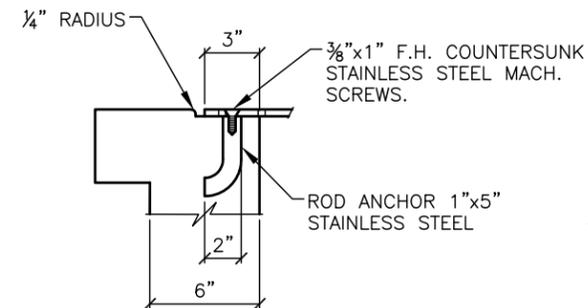
MULTIPLE CULVERT PLAN



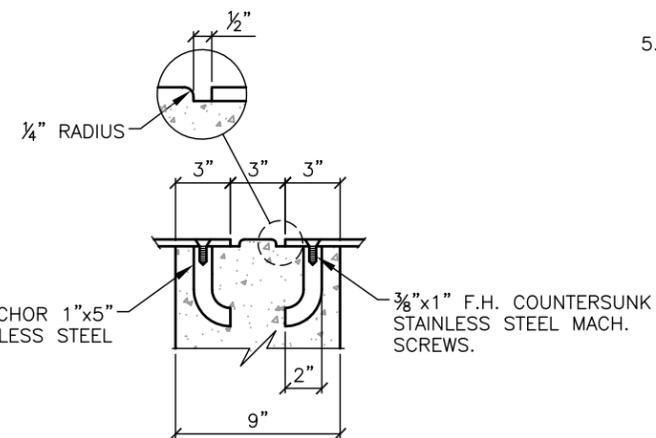
SECTION G



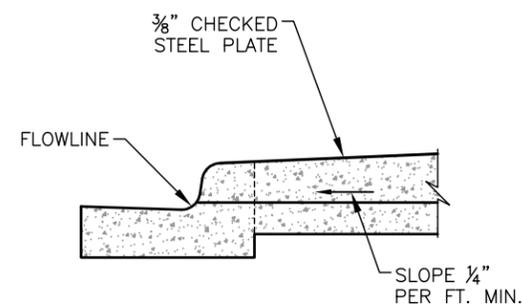
SECTION K



SECTION H



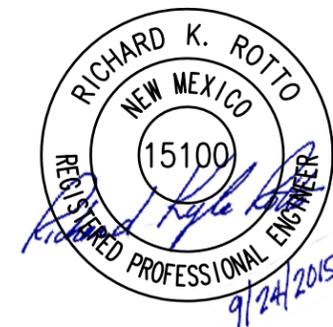
SECTION I



SECTION J

SIDEWALK CULVERT NOTES:

1. PLACING OF DRAIN THRU EXIST. SIDEWALK, CURB AND GUTTER REQUIRES THAT ENTIRE SIDEWALK, CURB AND GUTTER STONES BE REMOVED AND REPLACED AS DETAILED HEREIN.
2. BOTTOM SLAB OF CULVERT SHALL BE POURED MONOLITHICALLY WITH NEW GUTTER.
3. ALL EXPOSED CONC. SURFACE SHALL MATCH GRADE, COLOR, FINISH, AND SCORING OF ADJACENT CURB AND SIDEWALK.
4. SIDEWALK REPLACED DURING CONSTRUCTION TO BE POURED MONOLITHICALLY WITH CULVERT WALLS.
5. ALL MATERIAL AND LABOR TO CONSTRUCT THE SIDEWALK CULVERT INCLUDING CONCRETE, REINFORCEMENT, STEEL, RIPRAP AND GEOTEXTILE SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND WILL NOT BE PAID FOR DIRECTLY.



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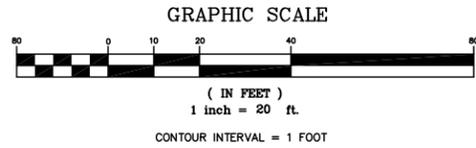
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
SIDEWALK CULVERT DETAILS



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	3-0

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



LEGAL DESCRIPTION

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

TEMPORARY BENCHMARK (TBM)

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

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

PROJECT BENCHMARK

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

SURVEY INFO.

Topographic survey performed by:

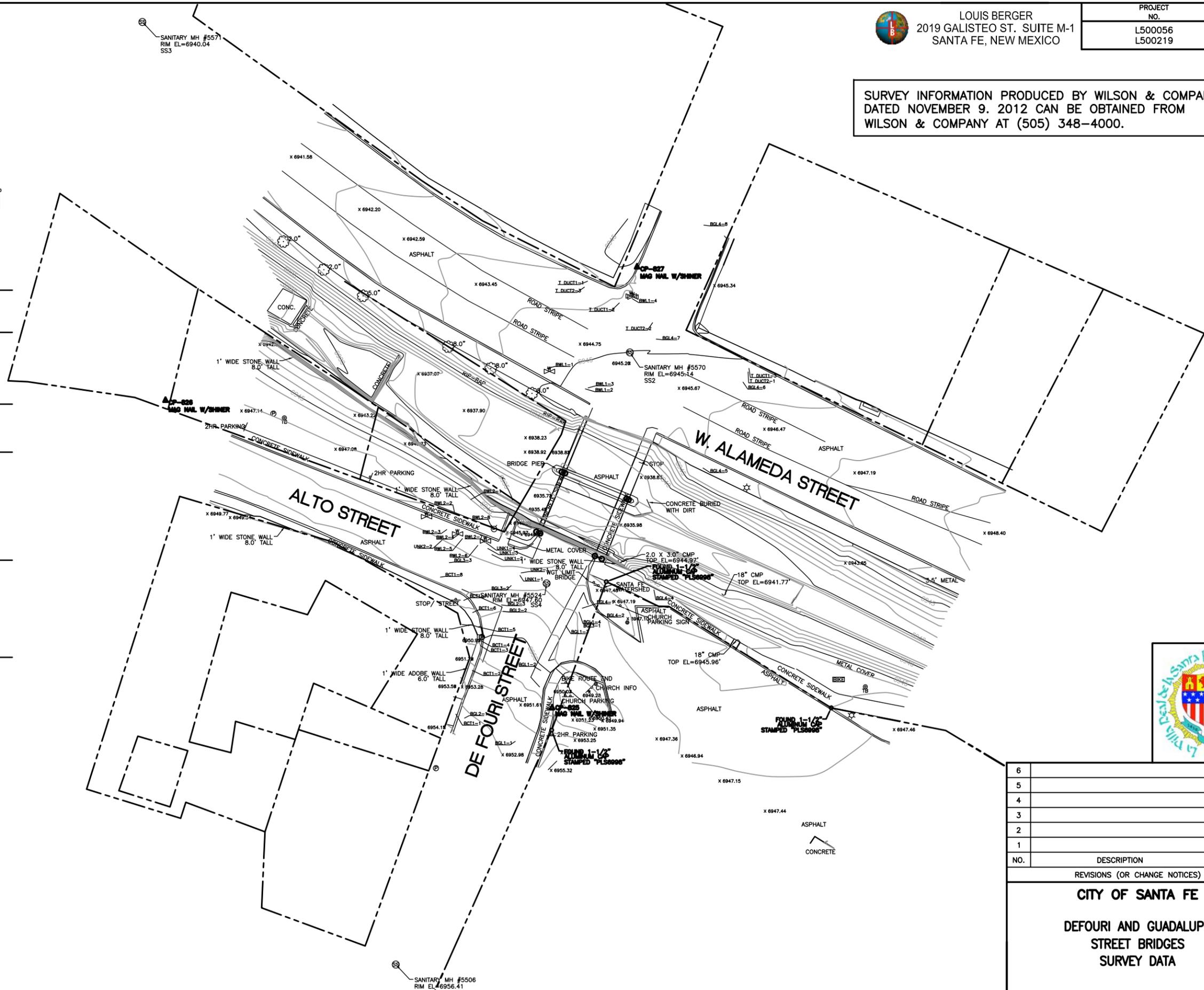
WILSON & COMPANY
4000 LANG AVENUE N.E.
ALBUQUERQUE, NEW MEXICO
87109
(505) 348-4000

SURVEY INFO.

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

LEGEND

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



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES SURVEY DATA

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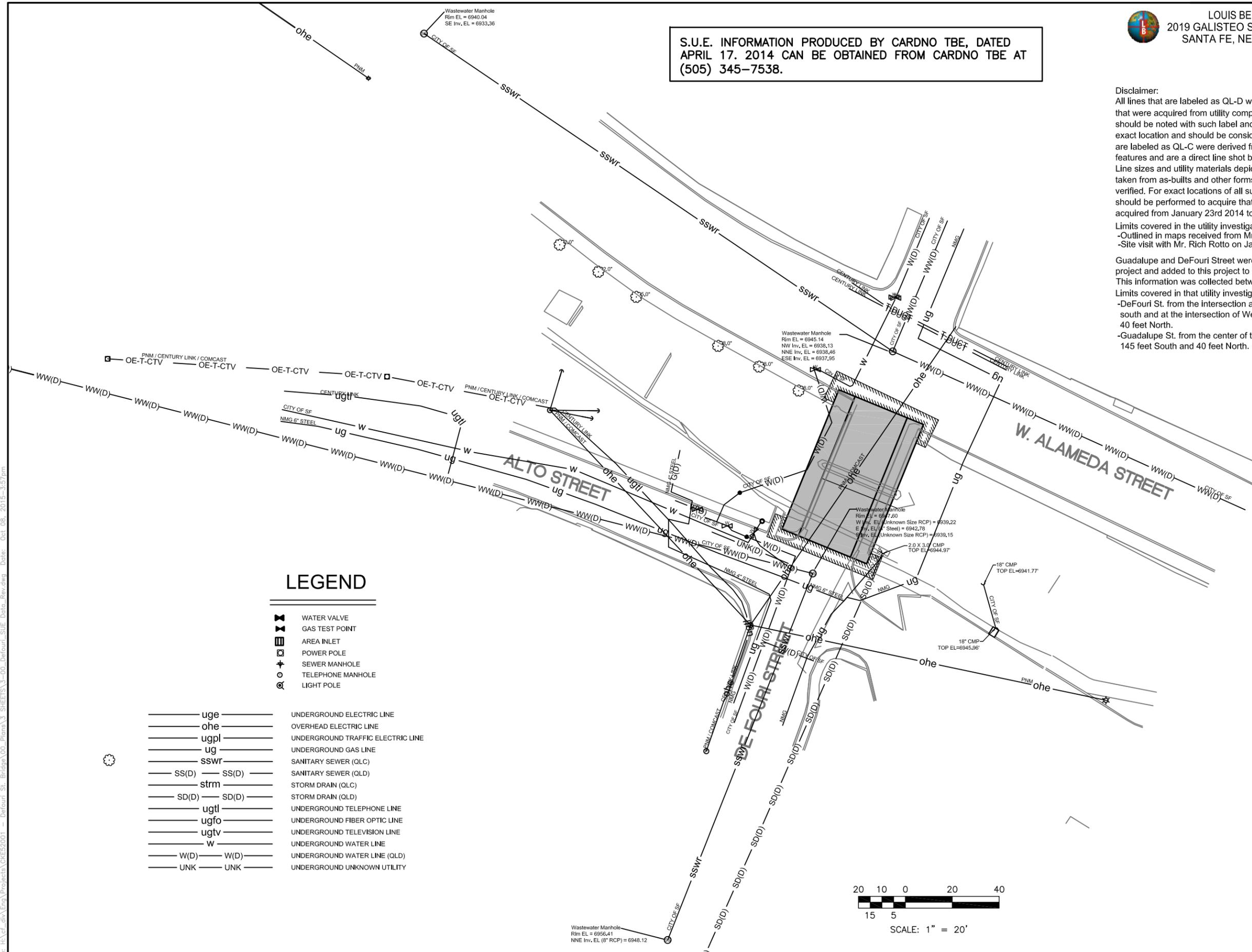
S.U.E. INFORMATION PRODUCED BY CARDNO TBE, DATED APRIL 17, 2014 CAN BE OBTAINED FROM CARDNO TBE AT (505) 345-7538.

Disclaimer:

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

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

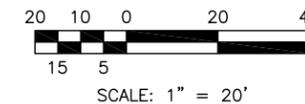
Guadalupe and DeFouri Street were previously completed as a prior project and added to this project to provide additional information. This information was collected between October 22nd 2012 and December 14th 2012. Limits covered in that utility investigation are approximate and were defined as follows:
-DeFouri St. from the intersection at Alto St. approximately 45 feet south and at the intersection of West Alameda St. approximately 40 feet North.
-Guadalupe St. from the center of the intersection at West Alameda St. 145 feet South and 40 feet North.



LEGEND

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

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



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
S.U.E. DATA
DEFOURI STREET

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PROJECT NO.	SHEET NO.
L500056 L500219	3-000

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

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

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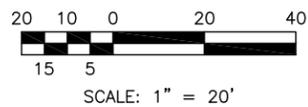
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-Guadalupe St. from the center of the intersection at West Alameda St. 145 feet South and 40 feet North.

LEGEND

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

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

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



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

S.U.E. DATA

GUADALUPE STREET

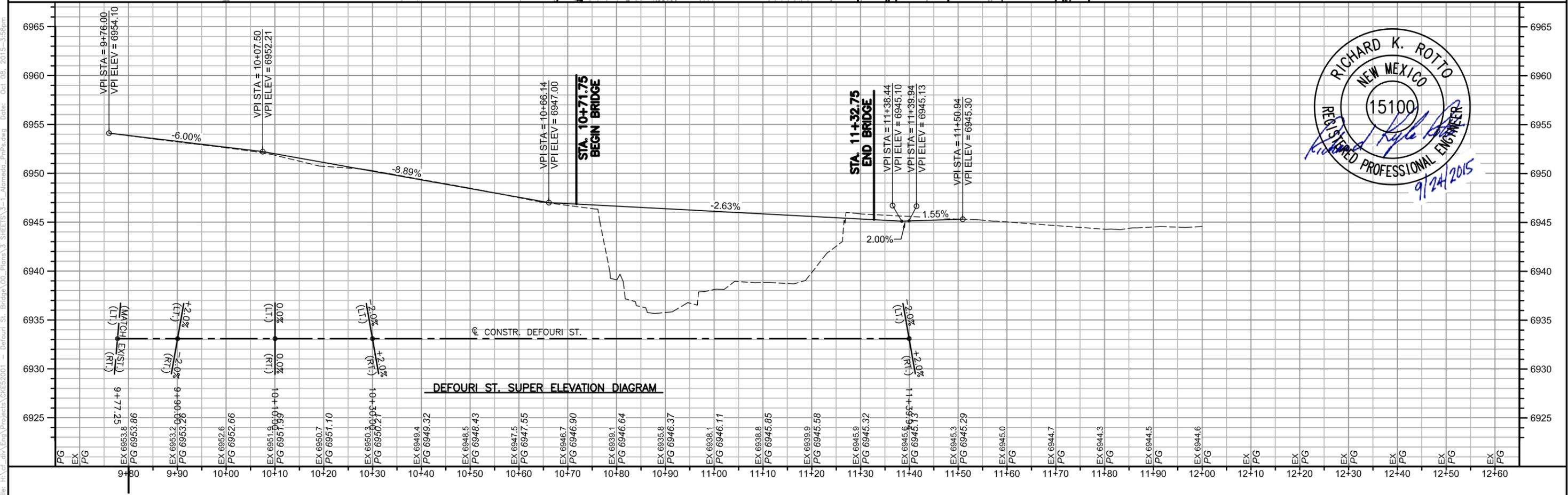
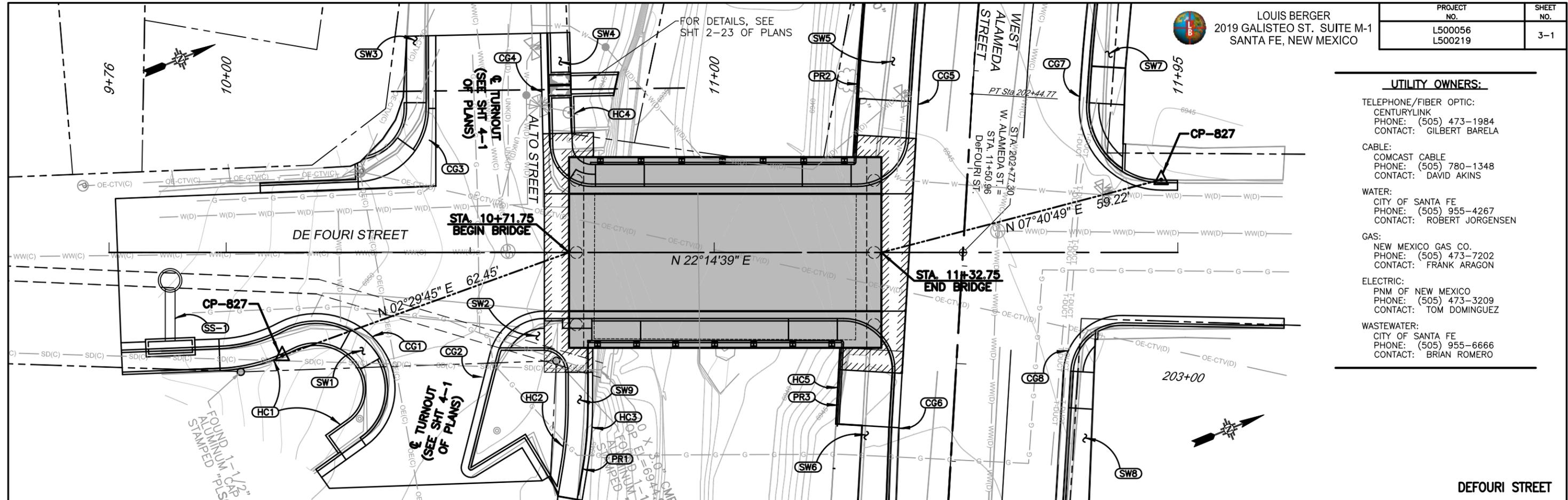
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LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO. L500056 L500219	SHEET NO. 3-1
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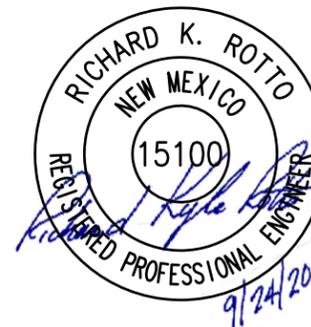
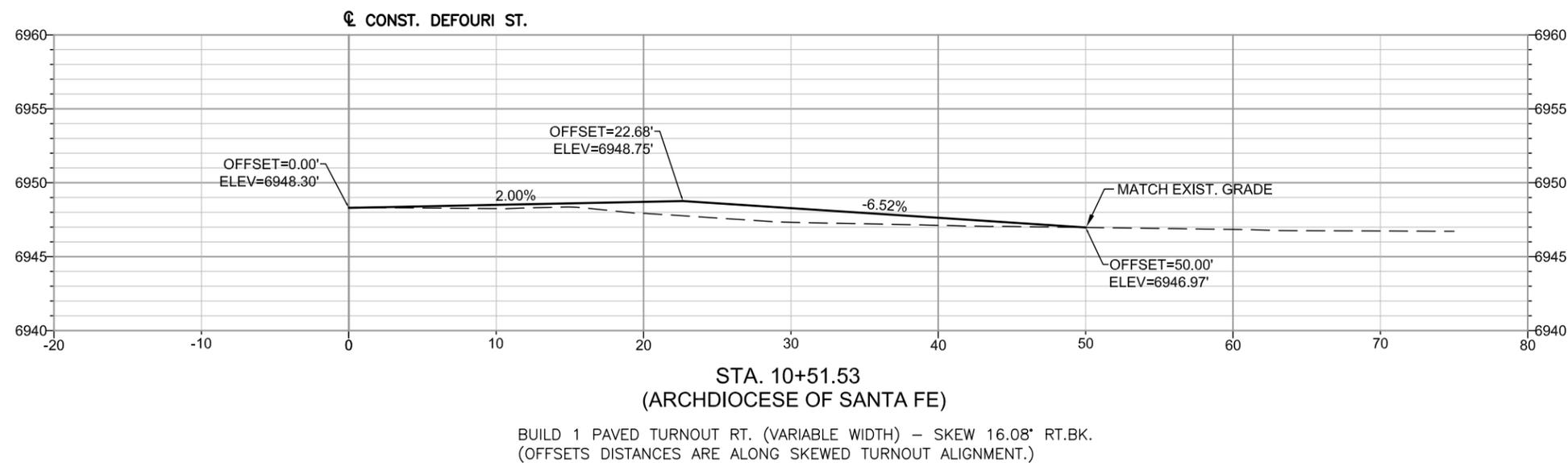
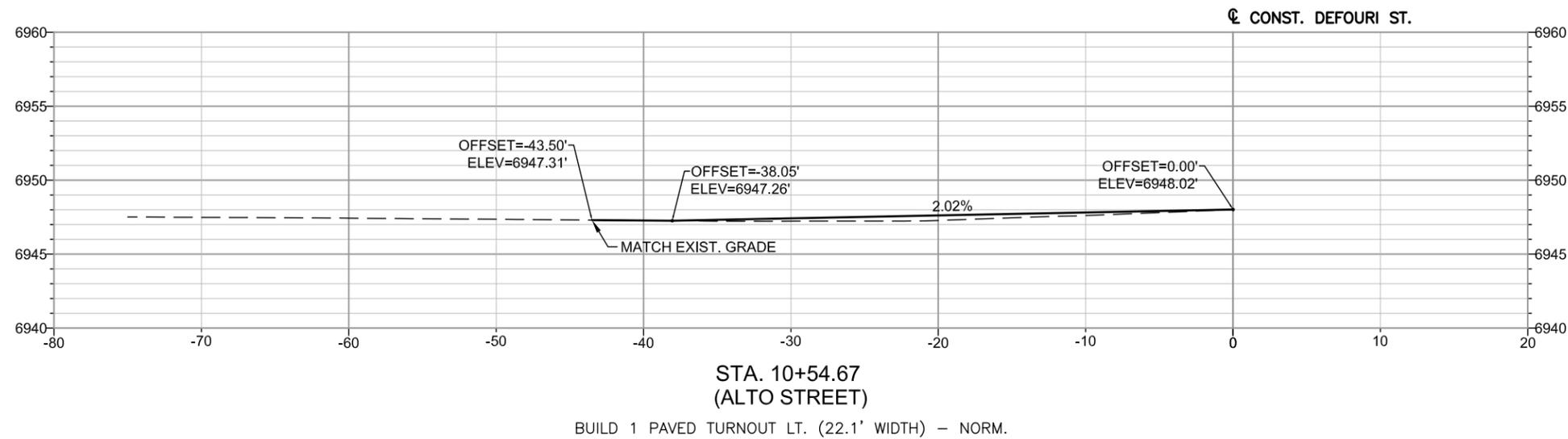
UTILITY OWNERS:

- TELEPHONE/FIBER OPTIC:
CENTURYLINK
PHONE: (505) 473-1984
CONTACT: GILBERT BARELA
- CABLE:
COMCAST CABLE
PHONE: (505) 780-1348
CONTACT: DAVID AKINS
- WATER:
CITY OF SANTA FE
PHONE: (505) 955-4267
CONTACT: ROBERT JORGENSEN
- GAS:
NEW MEXICO GAS CO.
PHONE: (505) 473-7202
CONTACT: FRANK ARAGON
- ELECTRIC:
PNM OF NEW MEXICO
PHONE: (505) 473-3209
CONTACT: TOM DOMINGUEZ
- WASTEWATER:
CITY OF SANTA FE
PHONE: (505) 955-6666
CONTACT: BRIAN ROMERO





PROJECT NO.	SHEET NO.
L500056 L500219	4-1



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
TURNOUT PROFILES

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GENERAL NOTES

- WORKMANSHIP AND MATERIALS:** SHALL CONFORM TO NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, 2014 EDITION.
- CONCRETE:** SUPERSTRUCTURE CONCRETE SHALL BE HIGH PERFORMANCE CONCRETE (HPD) AND SUBSTRUCTURE CONCRETE SHALL BE CLASS A. CHAMFER ALL EDGES OF CONCRETE 3/4" UNLESS OTHERWISE NOTED. ALL CONCRETE MIX DESIGNS SHALL BE ADJUSTED TO MEET THE LEVEL OF HIGH-RISK ZONE AS SPECIFIED IN THE SECTION 509-PORTLAND CEMENT CONCRETE MIX DESIGNS. CONCRETE PLACED DURING COLD WEATHER SHALL CONFORM TO SECTION 511.3.4.1 OF THE 2014 STANDARD SPECIFICATIONS.
- REINFORCING BARS:** ALL REINFORCING BARS FOR THE SUPERSTRUCTURE SHALL BE EPOXY COATED REINFORCING STEEL CONFORMING TO THE REQUIREMENTS OF AASHTO M 284 GRADE 60, EXCEPT THAT ALL REINFORCING BARS IN THE PRE-STRESSED CONCRETE BRIDGE MEMBERS SHALL BE UNCOATED CORROSION RESISTANT REINFORCING STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A615, GRADE 75 AND MEETING A CHEMICAL COMPOSITION OF A MINIMUM OF 8.0% CHROMIUM AND A MAXIMUM CARBON CONTENT OF 0.15% BY WEIGHT. ALL REINFORCING BARS FOR THE SUBSTRUCTURE SHALL BE GRADE 60. SEE BAR SCHEDULE FOR LIST OF EPOXY COATED BARS. DIMENSIONS RELATING TO BAR SPACING ARE CENTER TO CENTER. BENDING DIMENSIONS ARE FROM OUT TO OUT OF THE BARS. BAR SIZES THREE(3) TO NINE(9) ARE INDICATED BY THE FIRST NUMBER IN THE MARK, AND SIZE TEN(10) OR LARGER BY THE FIRST TWO NUMBERS. ALL REINFORCING SHALL BE KEPT FREE FROM DIRT, GREASE, AND OTHER FOREIGN MATTER. REINFORCING SHALL BE KEPT FREE OF CORROSION AS FAR AS PRACTICABLE.

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

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

- FINISH CONCRETE SURFACES:** THE CONCRETE SURFACES LISTED BELOW SHALL RECEIVE A "CLASS 4" SPECIAL SURFACE FINISH. THE SPECIAL SURFACE SHALL BE A CONCRETE STAIN AS APPROVED BY THE PROJECT MANAGER. THE COLOR OF THE FINISH SHALL BE FROM THE DAVIS COLOR CHART OR APPROVED EQUAL AND BE AS FOLLOWS:

SURFACE	COLOR
EXTERIOR EDGE OF DECK SLAB AND SIDEWALKS	#641 YOSEMITE BROWN
EXTERIOR FACE OF EXTERIOR BEAMS	#641 YOSEMITE BROWN
EXPOSED EXTERIOR FACES OF ABUTMENT WALLS & WINGWALLS	#641 YOSEMITE BROWN

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

- SIZE AND LOCATION OF ERECTION HOLES:** FOR THE GIRDERS SHALL BE SHOWN ON THE SHOP PLANS AND WILL REQUIRE APPROVAL BY THE BRIDGE ENGINEER. ALL OPEN HOLES ARE TO BE FILLED WITH GROUT AFTER ERECTION IS COMPLETE.
- PERMANENT ANTI-GRAFFITI PROTECTIVE COATING:** SHALL BE APPLIED TO THE FOLLOWING SURFACES:
 - EXTERIOR EDGES OF CAST-IN-PLACE SLAB AND SIDEWALKS
 - EXTERIOR SURFACES OF EXTERIOR BEAMS
 - THE EXTERIOR SURFACES OF ABUTMENTS AND WINGWALLS
- PENETRATING WATER REPELLENT TREATMENT:** SHALL BE APPLIED TO ALL EXPOSED NEW CONCRETE SURFACES. TREATMENT SHALL EXTEND 1'-0" BELOW FINISHED GRADE, WHERE APPLICABLE.
- METAL RAILING:** AND ATTACHMENTS SHALL BE WEATHERING STEEL WITH CLEAR SEALER.
- PRESTRESSING STEEL:** SHALL BE AMERICAN MADE, 270 KSI STRENGTH LOW-RELAXATION SEVEN WIRE STRAND.
- THE CONTACTOR:** SHALL VERIFY IN THE FIELD ALL DIMENSIONS, ELEVATIONS, AND DETAILS PERTINENT TO THE NEW CONSTRUCTION BEFORE PROCEEDING WITH THE WORK.
- DRILL HOLE INFORMATION:** THE CITY OF SANTA FE IS NOT RESPONSIBLE FOR ANY INTERPRETATIONS OF ASSUMPTIONS MADE BY THE CONTRACTOR BASED ON THE DRILLED-HOLE INFORMATION SHOWN IN THE PROJECT GEOTECHNICAL REPORT.
- BRIDGE NUMBER PLATE:** THE CONTRACTOR SHALL FURNISH AND PLACE TWO BRIDGE NUMBER PLATES CONFORMING TO THE DETAIL SHOWN. THE COST OF THE PLATE SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND WILL NOT BE PAID FOR DIRECTLY.
- EXISTING UTILITIES:** THE CONTRACTOR SHALL VERIFY IN THE FIELD THE LOCATIONS OF ALL EXISTING UTILITIES, CABLES, PIPES, OR CONDUITS WHICH MUST BE PROTECTED FROM DAMAGE BEFORE PROCEEDING WITH THE NEW WORK. THE LOCATING OF THE EXISTING UTILITIES WILL BE INCIDENTAL TO COMPLETION OF THE PROJECT.
- VERIFICATION OF GIRDER CAMBER:** BEFORE SCREEDS ARE SET, A PROFILE SHALL BE TAKEN ALONG EACH COMPLETE LINE OF GIRDERS AT 1/8TH POINTS. IF THE ACTUAL CAMBER DIFFERS FROM THAT SHOWN ON THE PLANS, SUCH THAT A DEFICIENT SLAB THICKNESS WOULD RESULT, ADJUSTMENTS WILL BE MADE BY THE PROJECT MANAGER.

INCIDENTAL ITEMS

- SILICONE SEALANT AND BOND BREAKER
- ALL GALVANIZED SHEET METAL
- PREFORMED BITUMINOUS JOINT FILLER
- ELASTOMERIC BEARING PADS
- ABUTMENT WATERPROOFING SYSTEM
- ALL PHYZITE 380 WITH HALS SEALS
- ALL FOAM AND EXTRUDED POLYSTYRENE
- LOW-VISCOSITY, GRAVITY-FED SEALERS
- SPECIAL SURFACE FINISH INCLUDING 5 GALLONS ADDITIONAL OF EACH COLOR
- CLASS II GEOTEXTILES
- PENETRATING WATER REPELLANT TREATMENT
- BONDING AGENT
- NON-SHRINK GROUT
- SHIMS
- LOCATING OF EXISTING UTILITIES

STANDARD DRAWINGS REQUIRED

210-01-1/1	EXCAVATION AND BACKFILL FOR BRIDGES, WALLS AND CBC'S
543-03-1/2 THRU 543-03-2/2	METAL RAILING TYPE "D"
602-01-1/1	WIRE ENCLOSED RIPRAP, CLASS A

DESIGN DATA

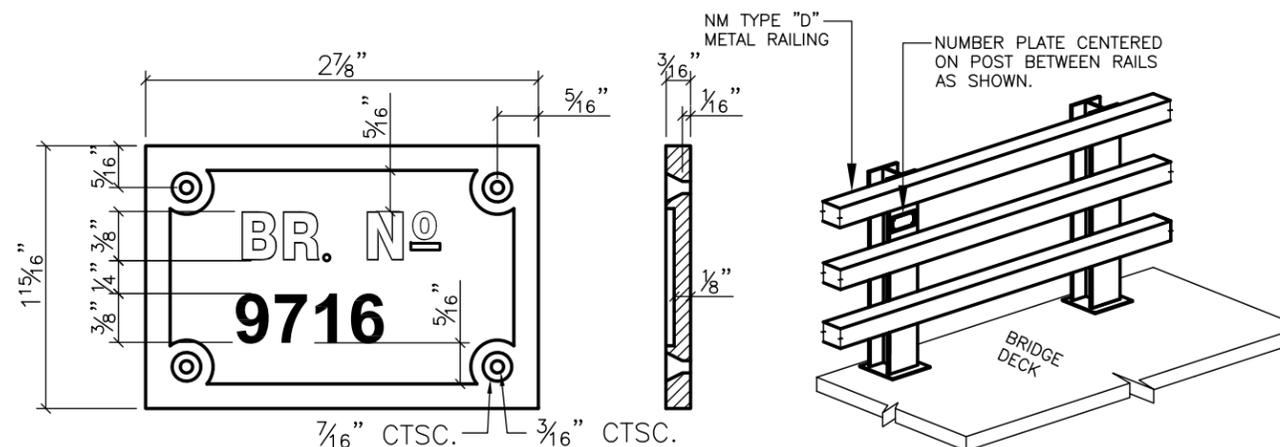
DESIGN IS IN ACCORDANCE WITH 2012 AASHTO LRFD SPECS, 6th EDITION AND CURRENT INTERIM SPECIFICATIONS

DESIGN STRESSES:	STRUCTURAL STEEL - AASHTO M270, GRADE 36 OR 50W $f_y = 36$ ksi
REINFORCED CONCRETE:	
SUPERSTRUCTURE:	$f_c' = 4000$ psi @ 28 DAYS $f_y = 60$ ksi GRADE 60
SUBSTRUCTURE	$f_c' = 3000$ psi @ 28 DAYS $f_y = 60$ ksi GRADE 60 $n = 9$
LIVE LOAD:	HL-93
WEARING SURFACE:	30 psf ALLOWANCE FOR FUTURE SURFACES
HORIZONTAL EARTH PRESSURE (EQUIVALENT FLUID PRESSURE):	
ACTIVE PRESSURE:	36 pcf
AT REST PRESSURE:	60 pcf
PASSIVE PRESSURE:	325 pcf
WIND VELOCITY:	100 mph

CAPACITY RATING

RATING	LFR	LRFR
INVENTORY RATING	HS 21.0	HS 22.5
OPERATING RATING	HS 50.2	HS 27.3

THESE RATINGS WERE COMPUTED BY THE LOAD FACTOR RATING (LFR AND LOAD AND RESISTANCE FACTOR RATING (LRFR) METHODS USING THE AASHTOWARE BRIDGE RATING PROGRAM VERSION 6.7.0



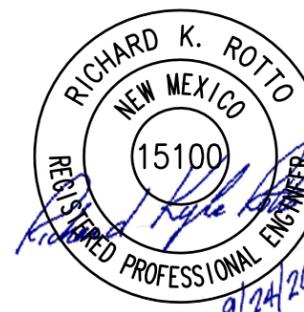
BRIDGE NUMBER PLATE

NOTES:

- TWO NUMBER PLATES ARE REQUIRED. USE GALVANIZED FLAT HEAD BOLTS AND NUTS FOR ATTACHMENT. NEW PLATES SHALL BE GALVANIZED CAST IRON WITH RAISED BLOCK LETTERS OF NEAT SQUARE CUT DESIGN. GRIND FACE OF LETTERS OF NEAT SQUARE CUT DESIGN. GRIND FACE OF LETTERS AND BORDERS SMOOTH. BRONZE PLATES AND BOLTS MAY BE SUBSTITUTED FOR GALVANIZED CAST IRON.

INDEX OF SHEETS

5-1	GENERAL NOTES	5-12	SUBSTRUCTURE ABUTMENT SECTION
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5-4	BRIDGE PROFILE	5-15	CONC. SLAB MEMBER TYPE 18 BEAM STRAND DETAILS
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5-6	BORING LOG SUMMARIES	5-17	PHASE No. 1 C.I.P. SLAB REINFORCEMENT
5-7	BORING LOG SUMMARIES	5-18	PHASE No. 2 C.I.P. SLAB REINFORCEMENT
5-8	ABUTMENTS 1 & 2 DRILLED SHAFT LAYOUT PLAN	5-19	SIDEWALK REINFORCEMENT
5-9	SUBSTRUCTURE DRILLED SHAFT DETAILS	5-20	BRIDGE RAIL DETAILS AND LAYOUT
5-10	SUBSTRUCTURE ABUTMENT 1 PLAN AND ELEVATION	5-21	APPROACH SLAB REINFORCEMENT PLAN
5-11	SUBSTRUCTURE ABUTMENT 2 PLAN AND ELEVATION	5-22	REINFORCING BAR SCHEDULE



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
CITY OF SANTA FE			
DEFOURI AND GUADALUPE			
STREET BRIDGES			
DEFOURI ST. BRIDGE #9716			
GENERAL NOTES			



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	5-2

FOUNDATION NOTES

1. THE FOUNDATION CONTRACTOR SHALL MEET THE PREQUALIFICATION REQUIREMENTS AS COVERED IN SECTION 502, DRILLED SHAFTS, OF THE NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, LATEST EDITION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SUPPORT OF REINFORCING CAGES DURING FABRICATION, ERECTION AND PLACEMENT OF CONCRETE. PLANS PREPARED BY AN ENGINEER LICENSED IN THE STATE OF NEW MEXICO, SHOWING REINFORCING CAGE SUPPORT METHODS OF ERECTION AND CENTERING DEVICES SHALL BE SUBMITTED TO THE BRIDGE FOUNDATION ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
3. ANY CONSTRUCTION JOINT NOT SHOWN ON THE PLANS WILL REQUIRE THE APPROVAL OF THE BRIDGE FOUNDATION ENGINEER PRIOR TO CONSTRUCTION.
4. 2 INCH I.D. PVC SCHEDULE 40 ELECTRICAL CONDUIT SHALL BE PLACED AS SHOWN IN THE SHAFT SECTIONS FROM 6" ABOVE THE SHAFT BOTTOM TO 12 INCH ABOVE THE TOP OF DRILLED SHAFT CONSTRUCTION JOINT OR 12 INCH ABOVE BOTTOM OF ABUTMENT BEAMS WITH GLUED CAP BOTTOM AND THREADED CAP TOP END. CONDUIT SHALL BE SECURELY FASTENED TO ALTERNATE TIES, TYPICAL. THE CONTRACTOR SHALL ENSURE THAT THE CONDUIT IS TIED IN A PLUMB AND STRAIGHT POSITION TO THE REINFORCING CAGE SO THAT THE ULTRASONIC PROBE MAY BE LOWERED FREELY TO THE BOTTOM OF THE SHAFTS. ALL SHAFTS SHALL HAVE THE CONDUIT INSTALLED AND SHALL BE INCLUDED IN THE PAY ITEM NO. 505001 - CROSSHOLE SONIC LOGGING CONSULTANT TESTING. ALL PVC CONDUITS SHALL BE FILLED WITH WATER IMMEDIATELY AFTER CONCRETE PLACEMENT. ADDITIONAL INTEGRITY TESTING REQUIRED DUE TO THE CONTRACTOR NOT FILLING PVC CONDUITS AS SPECIFIED, RESULTING IN INCONCLUSIVE READINGS, OR DUE TO BROKEN OR BLOCKED PVC TUBES WILL BE AT THE CONTRACTOR'S COST.
5. PILE INTEGRITY TESTING OF THE DRILLED SHAFTS WILL BE PERFORMED AFTER 24 HOURS OF THE PLACEMENT OF THE CONCRETE. THE CROSSHOLE SONIC TEST WILL BE CONDUCTED THROUGH ALL OF THE 2 INCH PVC CONDUITS. SHOULD THE PILE INTEGRITY TESTING INDICATE A LOSS OF STRUCTURAL INTEGRITY OF THE DRILLED SHAFT DUE TO SLOUGHING OF THE SOIL INTO THE SPECIFIED DIAMETER OF THE SHAFT OR LACK OF CONSOLIDATION OF THE CONCRETE, THE SHAFT SHALL BE CONSIDERED DEFECTIVE. THE CONTRACTOR SHALL PROPOSE REMEDIAL MEASURES TO CORRECT SUCH DEFECTIVE SHAFTS, INCLUDING IF NECESSARY, CONSTRUCTION OF ADDITIONAL SHAFTS ADJACENT TO THE DEFECTIVE SHAFT WITH A TRANSFER BEAM CAST OVER THE SHAFTS BELOW GRADE. ALL ADDITIONAL SHAFTS, STRUCTURAL CONCRETE, AND LABOR SHALL BE AT NO ADDITIONAL COST TO THE CITY AND NO EXTENSION OF THE CONTRACT TIME WILL BE ALLOWED.
6. REINFORCEMENT FOR DRILLED SHAFTS IS QUANTIFIED IN ITEM NO. 540060 - REINFORCING BARS GRADE 60 - AND PAID FOR SEPARATELY FROM THE DRILLED SHAFT ITEMS. SEE SHEET 5-9 FOR DRILLED SHAFT REINFORCEMENT AND DETAILS.
7. THE CONTRACTOR SHALL ANTICIPATE SIGNIFICANT COBBLES AND BOULDERS IN THE FOUNDATION SOILS, AND SHALL PROPOSE ADEQUATE DRILLING EQUIPMENT.
8. THE CONTRACTOR SHALL PROVIDE PERMANENT STEEL CASING IN THE UPPER PORTION OF ALL DRILLED SHAFTS AS SHOWN ON THE DRAWINGS. COST OF PERMANENT CASINGS SHALL BE INCIDENTAL TO ITEM 502030 - DRILLED SHAFT FOUNDATION 30" DIAMETER, AND NO DIRECT PAYMENT WILL BE MADE THEREFOR.

ESTIMATED QUANTITIES

ITEM No.	DESCRIPTION	UNIT	BRIDGE No. 4063	TOTAL
210000	EXCAVATION AND BACKFILL FOR MAJOR STRUCTURES	CU.YD.	145	145
502030	DRILLED SHAFT FOUNDATION 30" DIAMETER	LIN.FT.	306	306
502600	OBSTRUCTION REMOVAL	LIN.FT.	45	45
505001	CROSSHOLE SONIC LOGGING CONSULTANT TESTING	EACH	6	6
511300	SUBSTRUCTURE CONCRETE CLASS A	CU.YD.	30	30
512003	HIGH PERFORMANCE CONCRETE (HPD)	CU.YD.	105	105
512004	WIND BREAK	LS	1	LS
512005	FOGGING SYSTEM	LS	1	LS
516000	FLOWABLE FILL	CU.YD.	30	30
518118	PRECAST PRESTRESSED SLAB TYPE 18	LIN.FT.	492	492
532100	PERMANENT ANTI-GRAFFITI PROTECTIVE COATING	SQ.FT.	310	310
535100	CONCRETE SURFACE TREATMENT	SQ.YD.	364	364
536001	EPOXY URETHANE POLYMER CONCRETE BRIDGE DECK OVERLAY	SQ.YD.	364	364
540060	REINFORCING BARS GRADE 60	LBS.	37600	37600
540160	EPOXY COATED REINFORCING BARS GRADE 60	LBS.	20000	20000
543030	METAL RAILING TYPE D	LIN.FT.	106	106
564000	PREFORMED CLOSED CELL FOAM BRIDGE JOINT SEALS	LIN.FT.	105	105
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1	LS
602000	RIPRAP CLASS A	CU.YD.	143	143



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

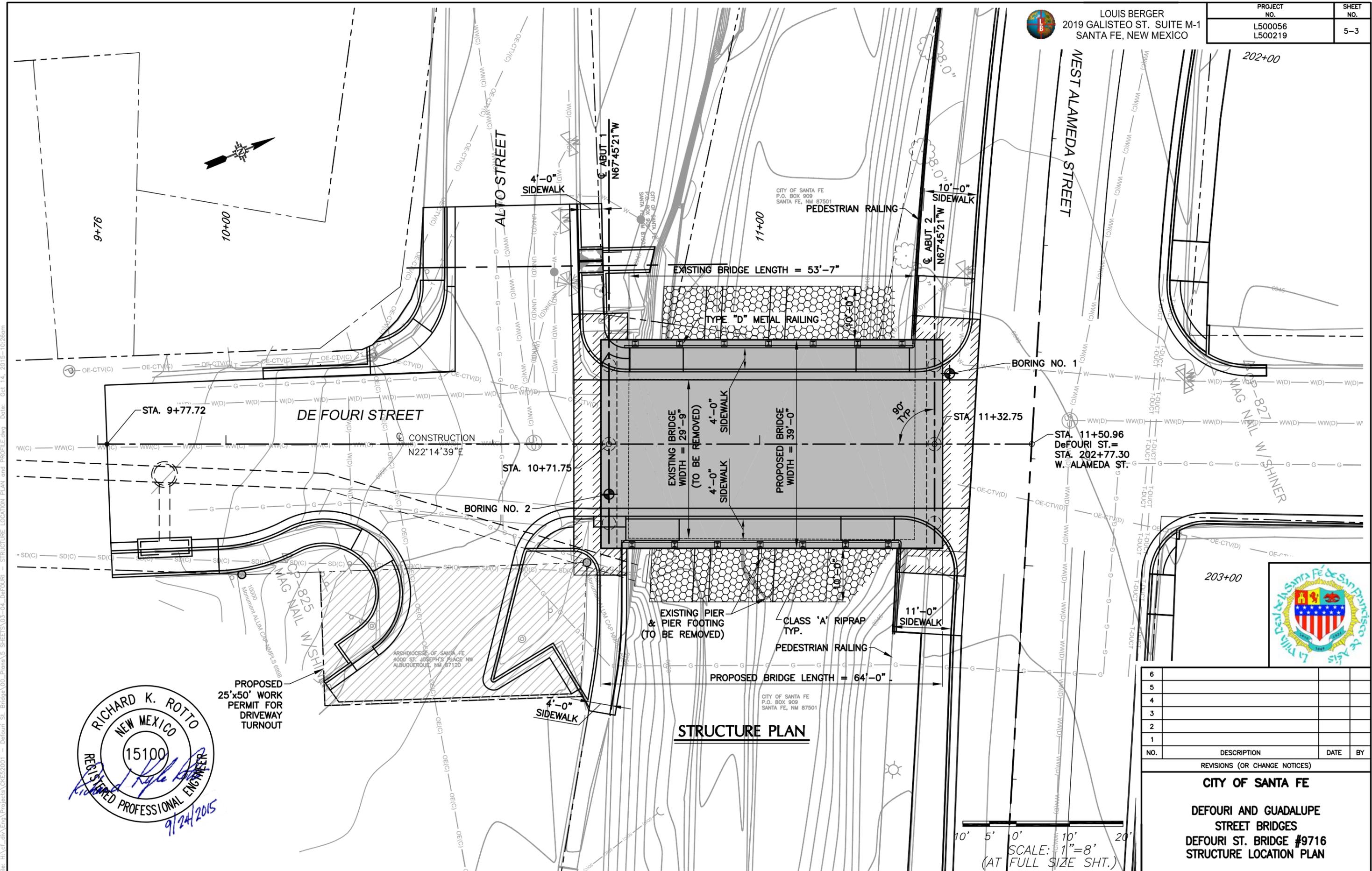
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
GENERAL NOTES

File: H:_of_... CKES2001 - Defouri St. Bridge\00_Plans\5_Sheets\01-02_DeFOURI - GEN NOTES.dwg Date: Oct 14, 2015 - 10:25am



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	5-3



PROPOSED
25'x50' WORK
PERMIT FOR
DRIVEWAY
TURNOUT

STRUCTURE PLAN

10' 5' 0' 10' 20'
SCALE: 1"=8'
(AT FULL SIZE SHT.)

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REVISIONS (OR CHANGE NOTICES)

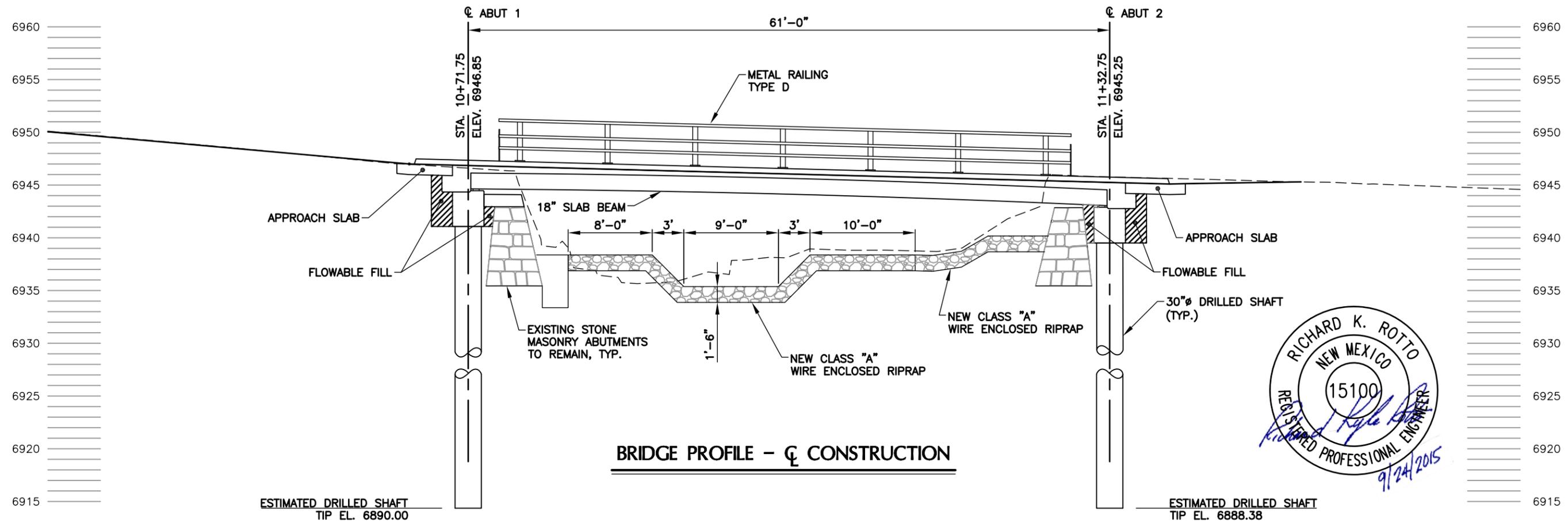
CITY OF SANTA FE

DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
STRUCTURE LOCATION PLAN



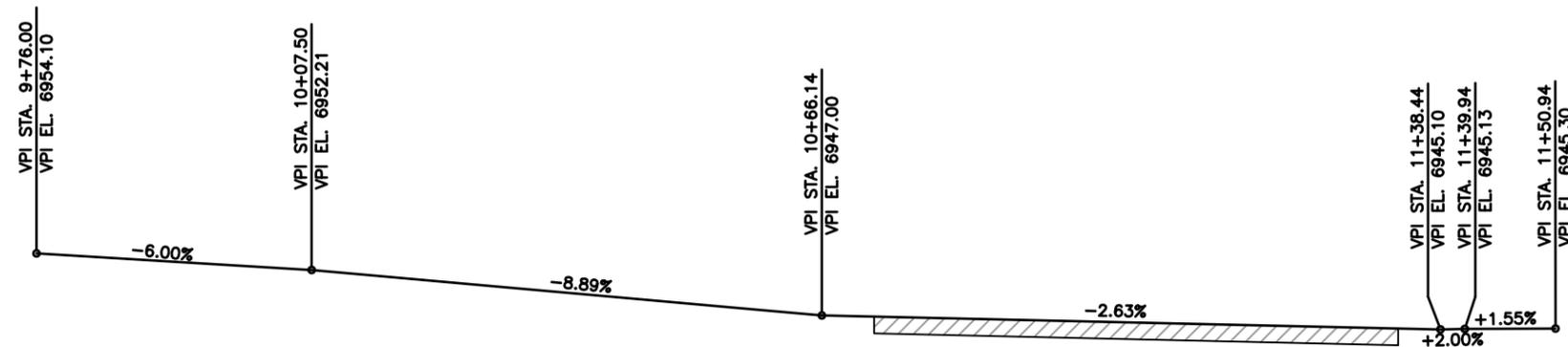
LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	5-4



BRIDGE PROFILE - \bar{C} CONSTRUCTION

WATERWAY DATA		
NAME OF WATERWAY	Santa Fe River	
DRAINAGE BASIN AREA	40.1	SQ. MI.
DESIGN DISCHARGE Q_{50}	3.090	CFS
WATER SURFACE ELEVATION (50-YR)	6950.21	FT.
AVERAGE FLOW DEPTH (50-YR)	13.91	FT.
AVERAGE VELOCITY (50-YR)	3.97	FT/S
ABUTMENT+CONTRACTION SCOUR (50-YR)	6.88	FT.
100-YEAR DISCHARGE	4.190	CFS
WATER SURFACE ELEVATION (100-YR)	6951.52	FT.
AVERAGE FLOW DEPTH (100-YR)	15.88	FT.
AVERAGE VELOCITY (100-YR)	3.74	FT/S
ABUTMENT+CONTRACTION SCOUR (100-YR)	6.88	FT.
500-YEAR DISCHARGE	7.370	CFS
WATER SURFACE ELEVATION (500-YR)	6954.7	FT.
AVERAGE FLOW DEPTH (500-YR)	19.72	FT.
AVERAGE VELOCITY (500-YR)	3.38	FT/S
ABUTMENT+CONTRACTION SCOUR (100-YR)	9.3	FT.
OVERTOPPING FREQUENCY	>> 50-YR	
EXPECTED DEBRIS	TREES/BRUSH	



PROFILE GRADE AT \bar{C} CONSTRUCTION



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REVISIONS (OR CHANGE NOTICES)

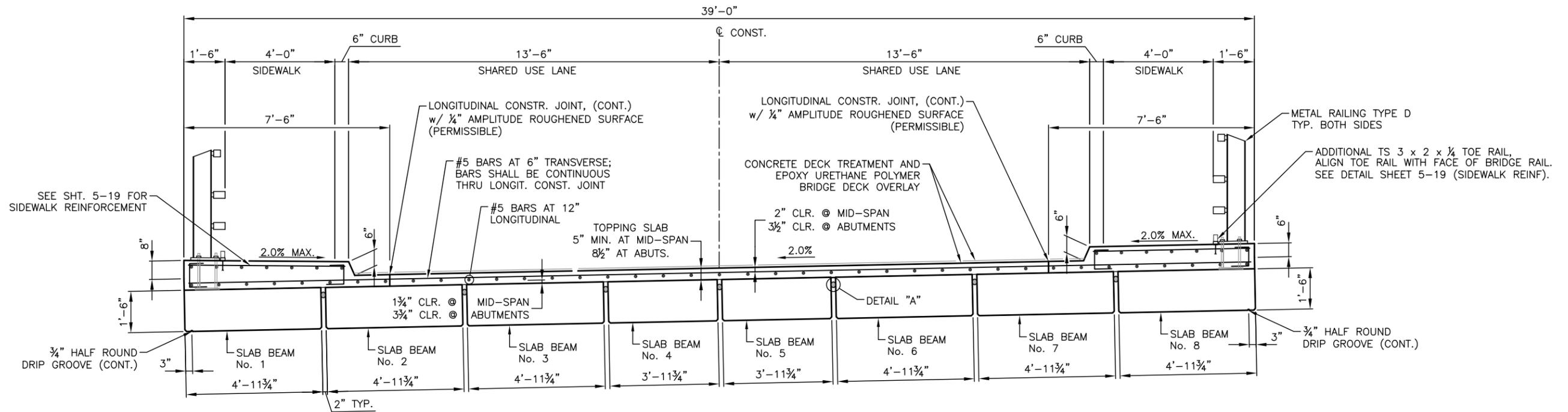
CITY OF SANTA FE

DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
BRIDGE PROFILE

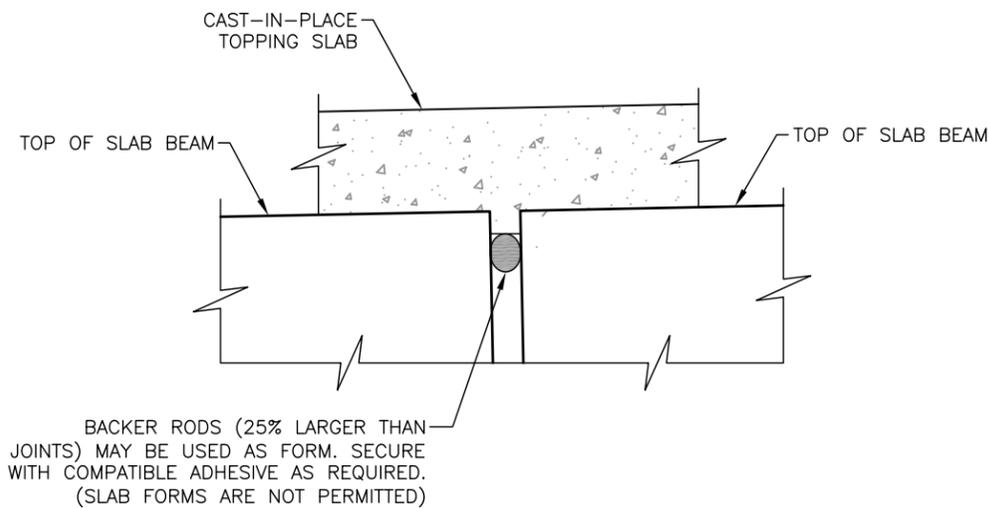


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	5-5



TRANSVERSE SECTION



DETAIL "A"



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NO.	DESCRIPTION	DATE	BY

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
TRANSVERSE SECTION

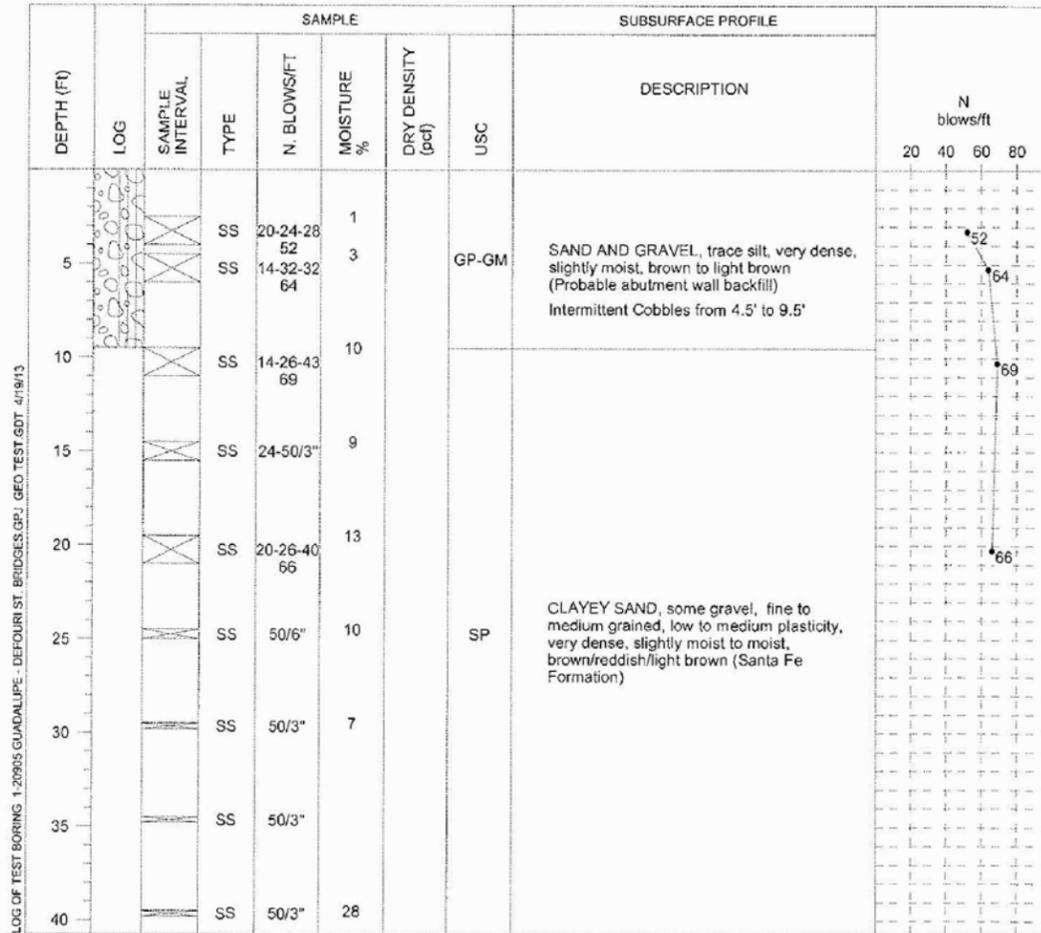
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Project: DeFouri Street Bridge
Date: 01/30/2013 Project No: 1-20905
Elevation: Type: 5" OD HSA

LOG OF TEST BORINGS GROUNDWATER DEPTH

NO: 1 During Drilling: None After 24 Hours:

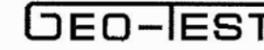


LEGEND

SS - Split Spoon
AC - Auger Cuttings
UD/SL - Undisturbed Sleeve

AMSL - Above Mean Sea Level
CS - Continuous Sampler
UD - Undisturbed
ST - Shelby Tube

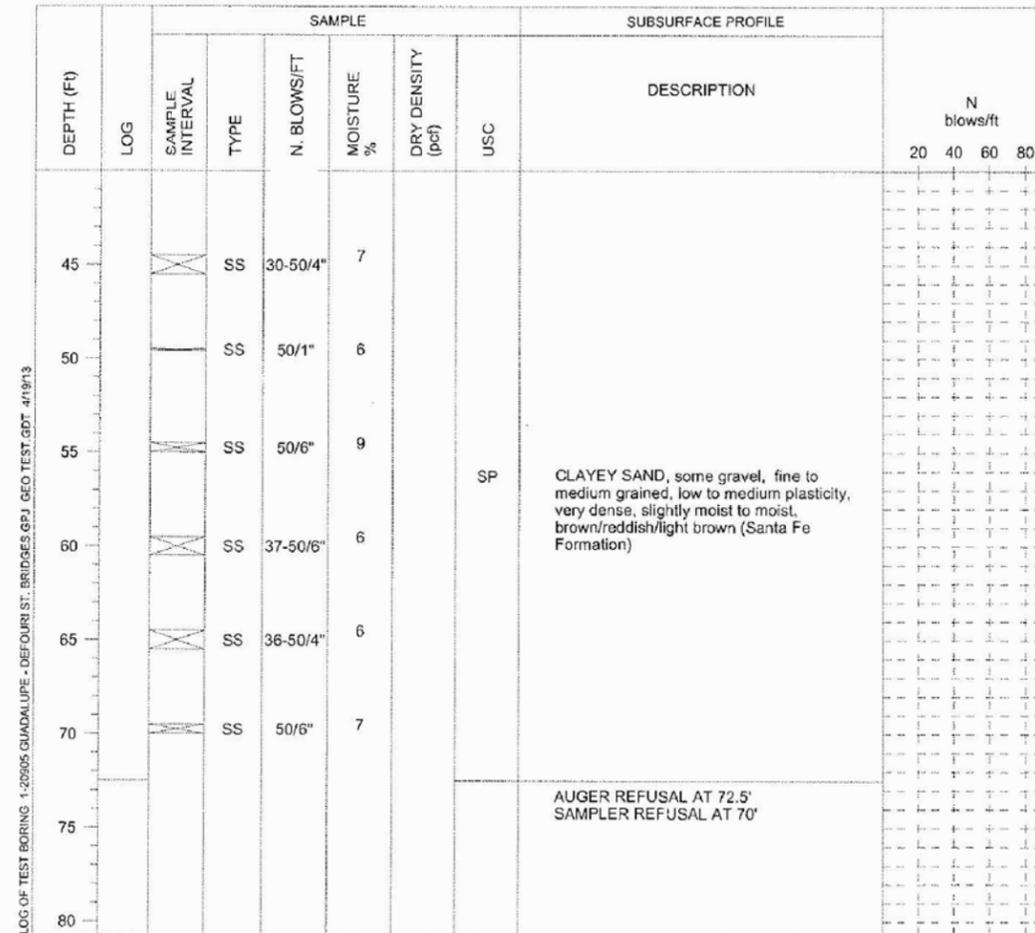
Stratification lines represent approximate boundaries between soil types. Transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to factors other than those present at the time measurements were made.



Project: DeFouri Street Bridge
Date: 01/30/2013 Project No: 1-20905
Elevation: Type: 5" OD HSA

LOG OF TEST BORINGS GROUNDWATER DEPTH

NO: 1 During Drilling: None After 24 Hours:



LEGEND

SS - Split Spoon
AC - Auger Cuttings
UD/SL - Undisturbed Sleeve

AMSL - Above Mean Sea Level
CS - Continuous Sampler
UD - Undisturbed
ST - Shelby Tube

Stratification lines represent approximate boundaries between soil types. Transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to factors other than those present at the time measurements were made.



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REVISIONS (OR CHANGE NOTICES)			

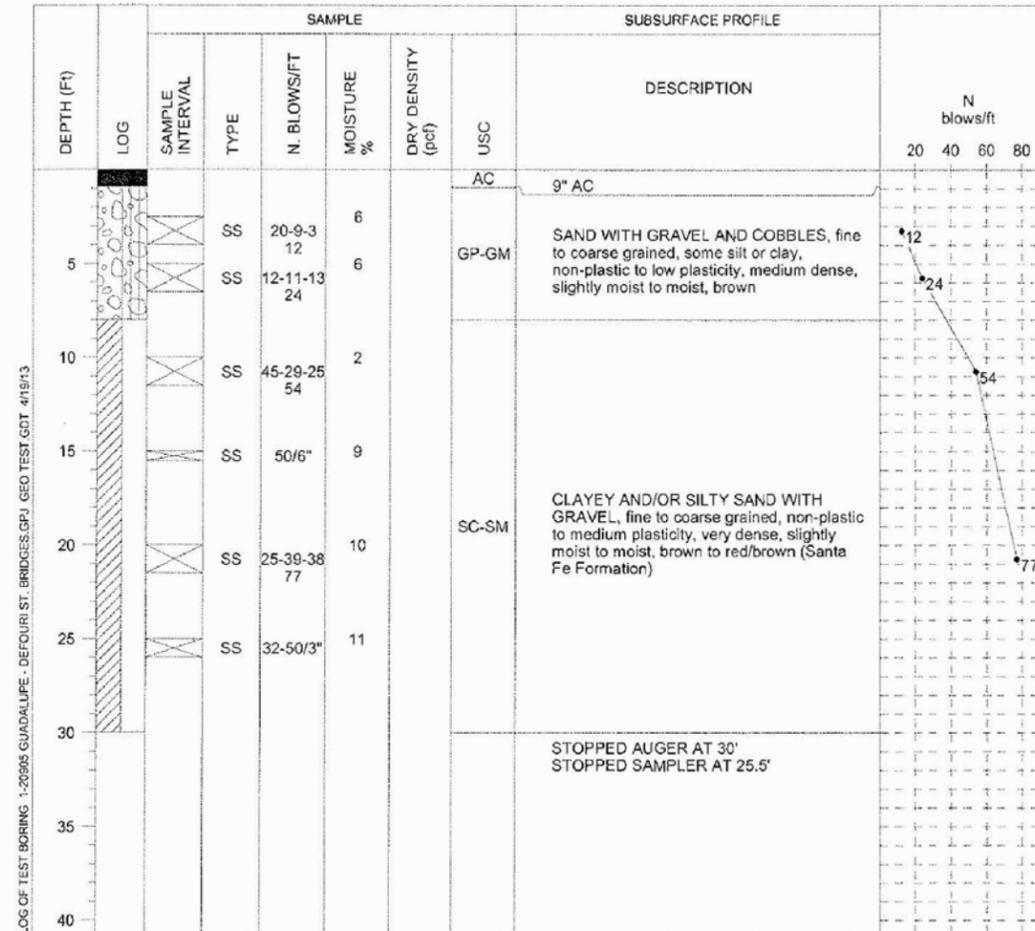
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
BORING LOG SUMMARIES



Project: DeFouri Street Bridge
Date: 01/21/2013 Project No: 1-20905
Elevation: Type: 5" OD HSA

LOG OF TEST BORINGS GROUNDWATER DEPTH

NO: 2 During Drilling: None After 24 Hours:



LEGEND

SS - Split Spoon
AC - Auger Cuttings
UD/SL - Undisturbed Sleeve
AMSL - Above Mean Sea Level
CS - Continuous Sampler
UD - Undisturbed
ST - Shelby Tube

Stratification lines represent approximate boundaries between soil types. Transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to factors other than those present at the time measurements were made.



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REVISIONS (OR CHANGE NOTICES)			

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
BORING LOG SUMMARIES

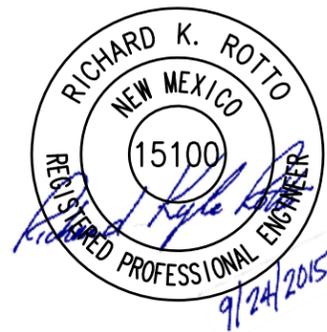
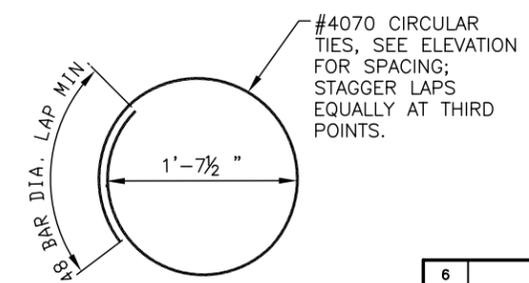
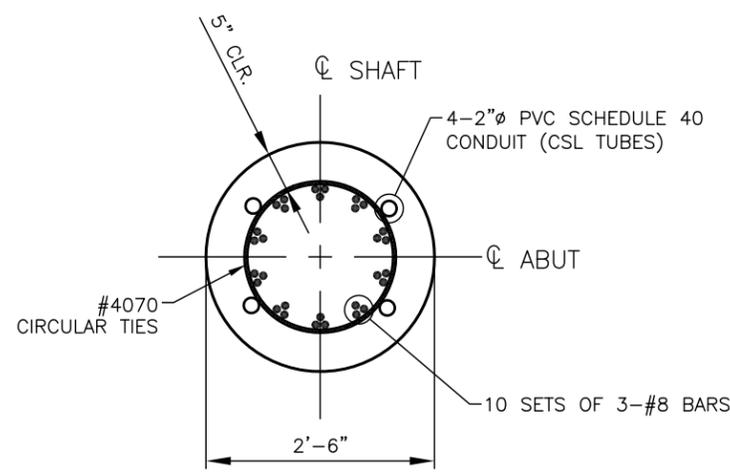
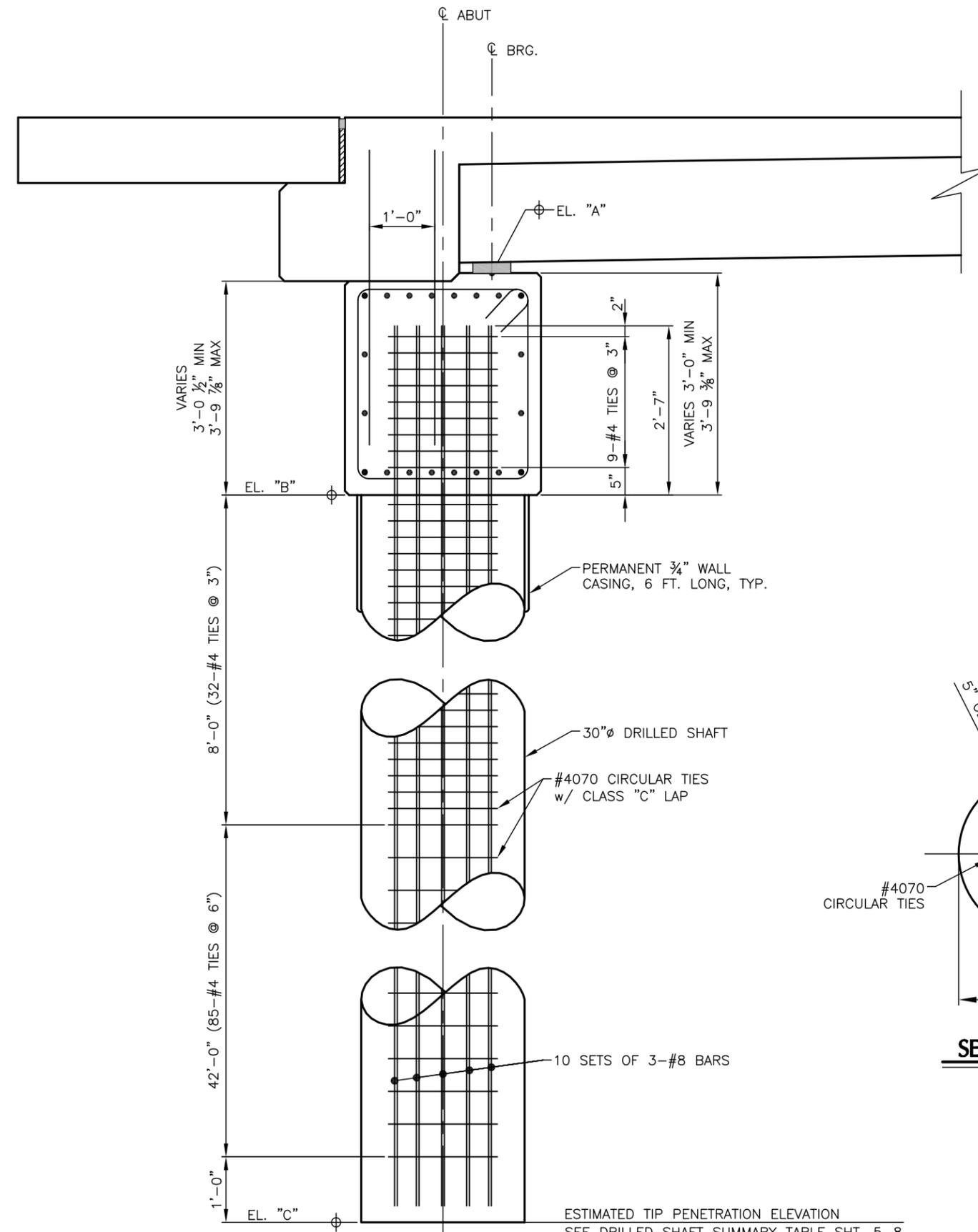


DRILLED SHAFT ELEVATION DATA

SHAFT	ELEV. "A" FEET	ELEV. "B" FEET	ELEV. "C" FEET
A1-1	6944.183	6941.000	6890.000
A1-2	6944.478	6941.000	6890.000
A1-3	6944.773	6941.000	6890.000
A2-1	6942.580	6939.375	6888.375
A2-2	6942.875	6939.375	6888.375
A2-3	6943.170	6939.375	6888.375

NOTES:

- AT THE OPTION OF THE CONTRACTOR, MECHANICAL SPLICES MAY BE USED IN LIEU OF LAP SPLICES SHOWN. MECHANICAL SPLICES SHALL BE CAPABLE OF DEVELOPING AT LEAST 125% OF THE YIELD STRENGTH OF THE SPLICED REBAR. USE THREADED END MECHANICAL SPLICE ONLY. SPICING SHALL BE COMPLETED IN ACCORDANCE WITH THE WRITTEN INSTRUCTIONS OF THE MANUFACTURER OF SPLICES. THE CONTRACTOR SHALL FURNISH THE PROJECT MANAGER A DIAGRAM SHOWING THE PROPOSED LOCATION OF ALL MECHANICAL SPLICES AND ONE COMPLETE SET OF MANUFACTURERS INSTRUCTIONS AT LEAST TWO WEEKS PRIOR TO BEGINNING THE WORK OF SPICING. PAYMENT FOR THE REINFORCING BARS WILL BE BASED UPON WEIGHT OF BARS INCORPORATED INTO THE WORK. NO EXTRA COMPENSATION WILL BE MADE FOR THE MECHANICAL SPLICES.
- SEE SHT. 5-2 FOR FOUNDATION NOTES AND SHT. 5-8 FOR DRILLED SHAFT LAYOUT PLAN AND SHAFT DATA.



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REVISIONS (OR CHANGE NOTICES)

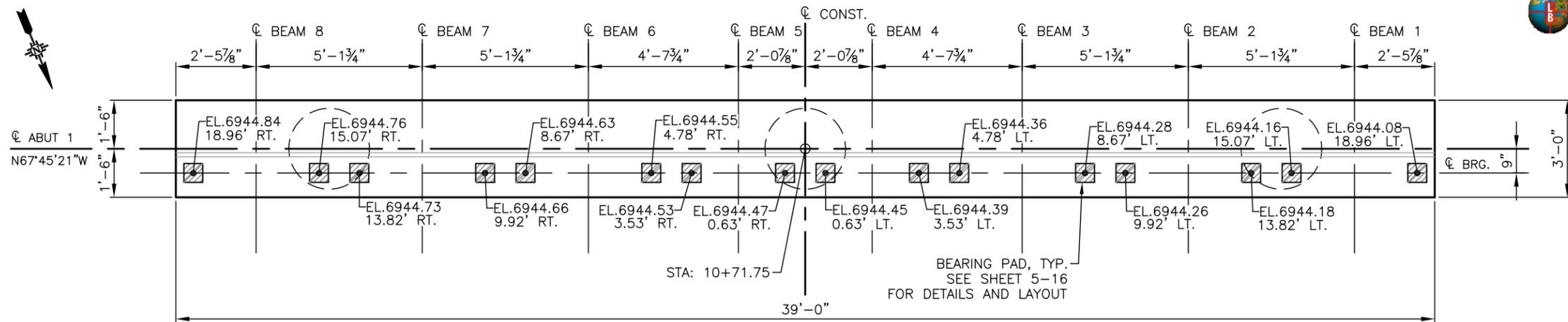
CITY OF SANTA FE

DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
SUBSTRUCTURE
DRILLED SHAFT DETAILS



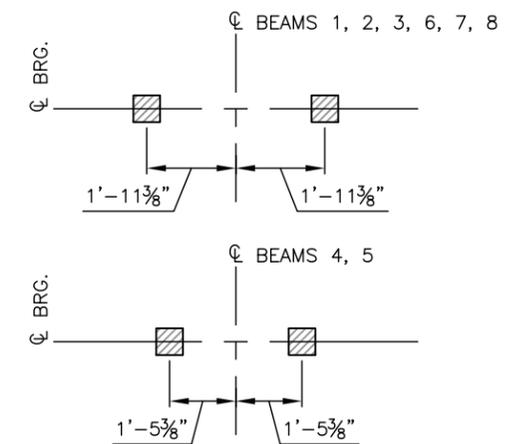
LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	5-10

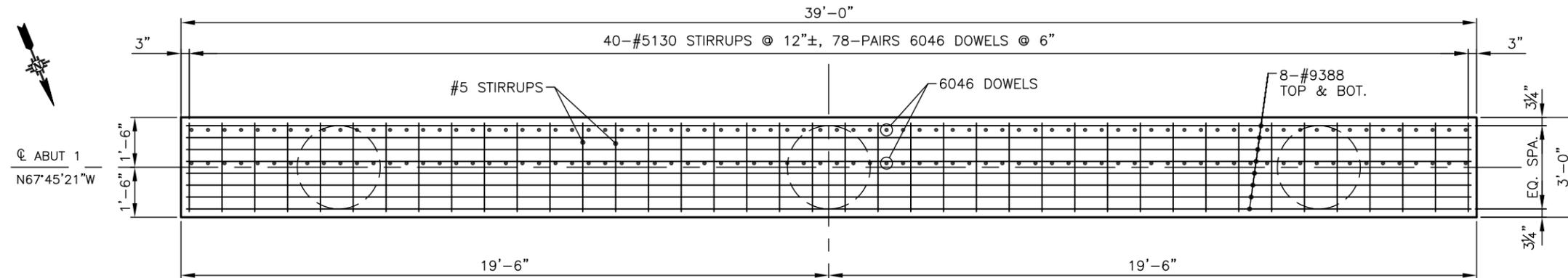


SEAT PLAN

ABUTMENT No. 1



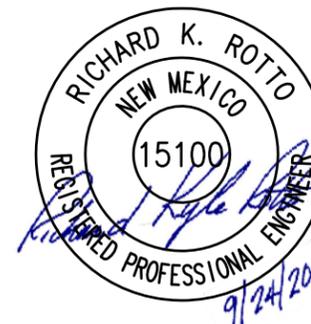
PLAN BEARING PAD LAYOUT DETAIL



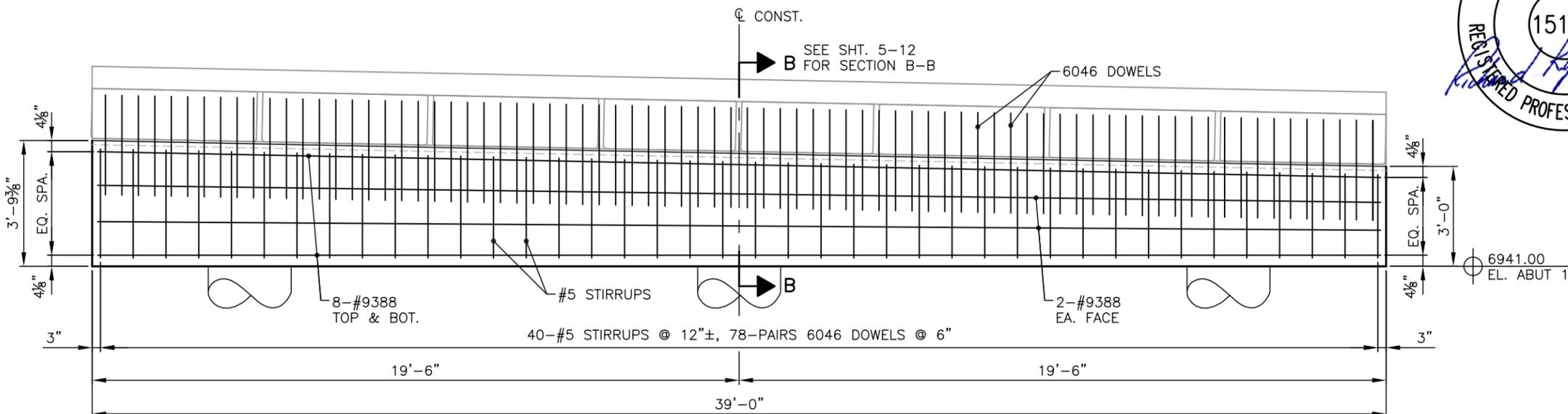
REINFORCEMENT PLAN

ABUTMENT No. 1

- NOTES:
- SEE SHEET 5-12 FOR SECTION "B-B"
 - SEE SHEET 5-16 FOR BEARING DETAILS



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ELEVATION

ABUTMENT No.1 (LOOKING BACK)

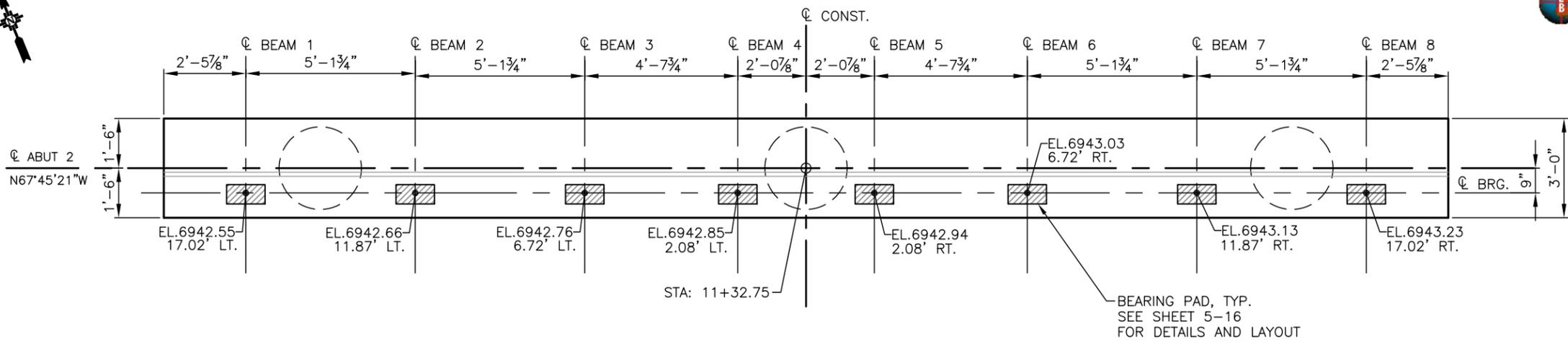
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
SUBSTRUCTURE
ABUTMENT 1 PLAN & ELEVATION

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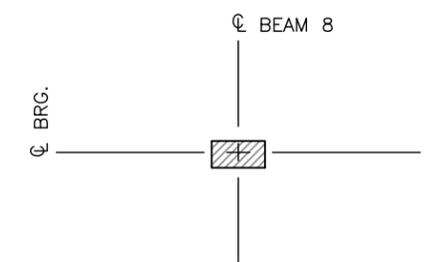
LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO. L500056 L500219	SHEET NO. 5-11
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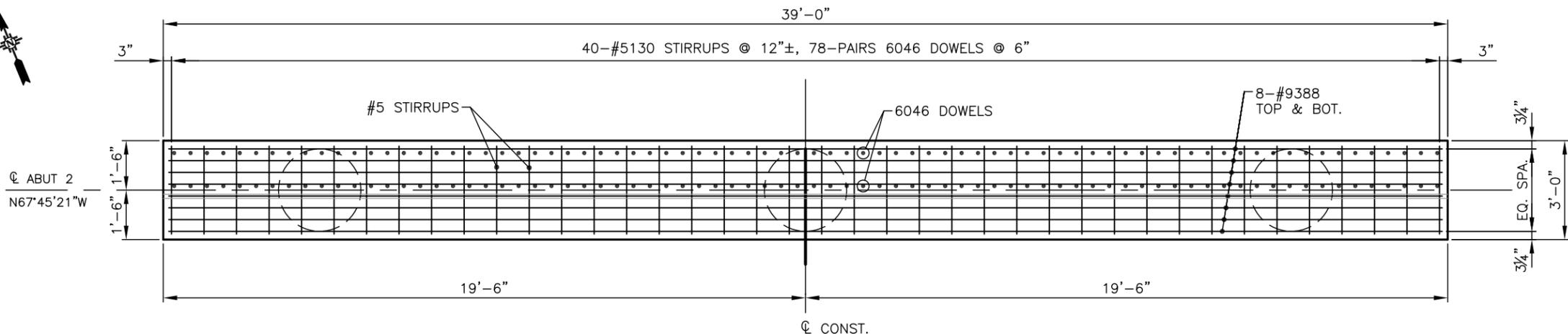
SEAT PLAN

ABUTMENT No. 2



PLAN

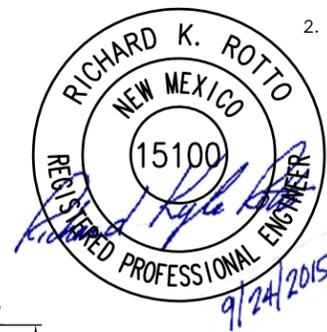
BEARING PAD LAYOUT DETAIL



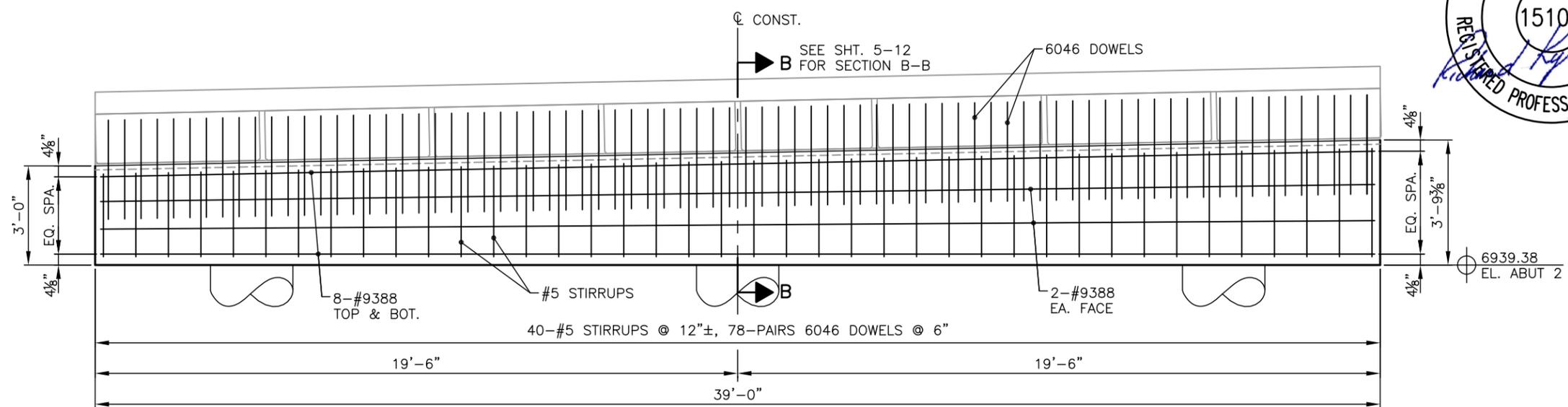
REINFORCEMENT PLAN

ABUTMENT No. 2

- NOTES:
1. SEE SHEET 5-12 FOR SECTION "B-B"
2. SEE SHEET 5-16 FOR BEARING DETAILS



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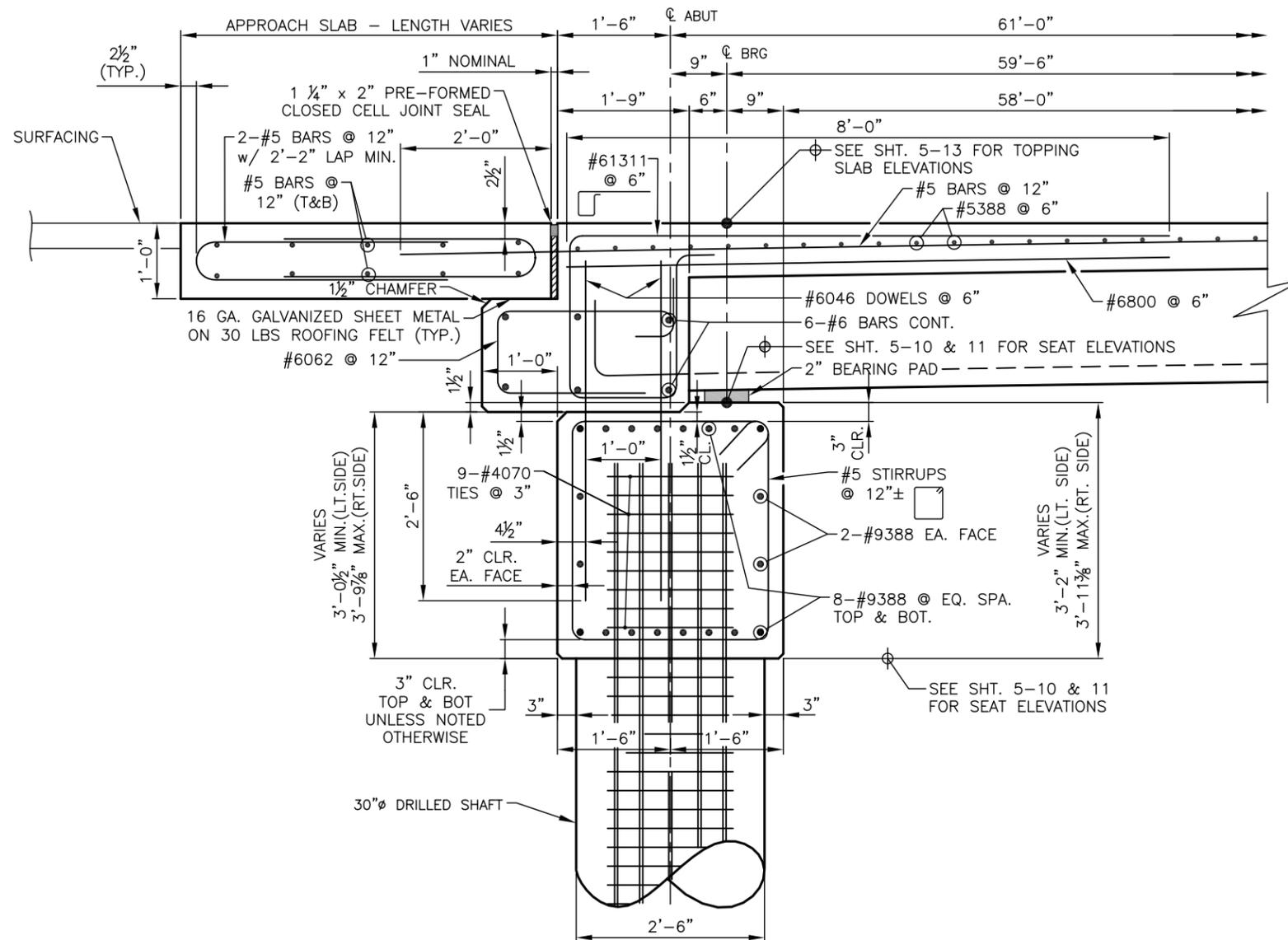


ELEVATION

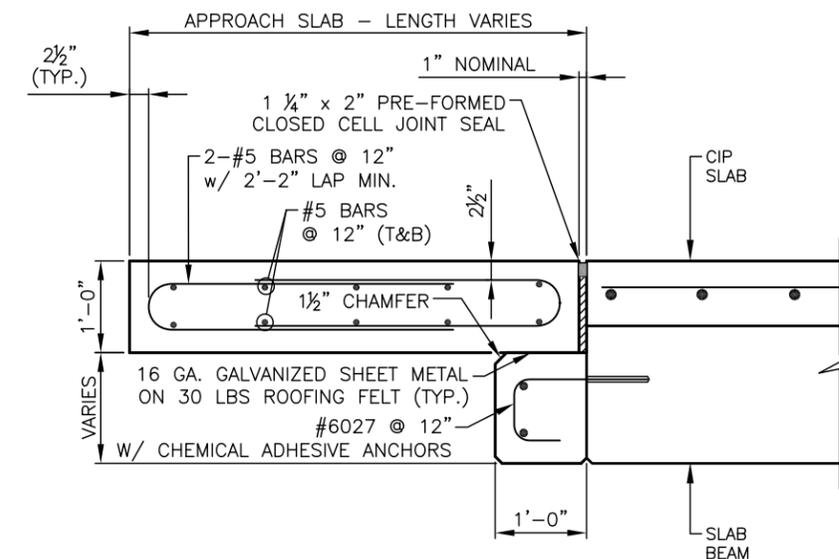
ABUTMENT No.2 (LOOKING AHEAD)

REVISIONS (OR CHANGE NOTICES)
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
SUBSTRUCTURE
ABUTMENT 2 PLAN & ELEVATION

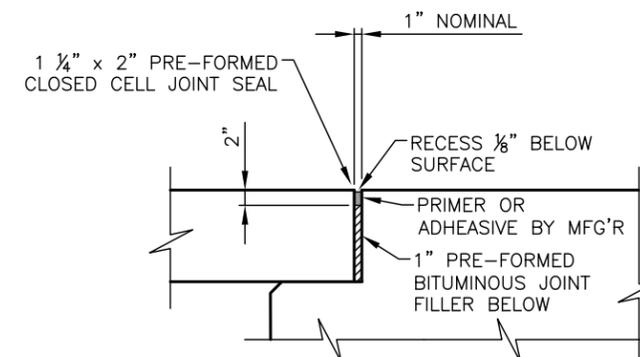
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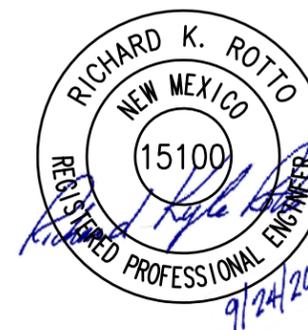
SECTION B-B



SECTION C-C



PRE-FORMED CLOSED CELL JOINT SEAL DETAIL



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

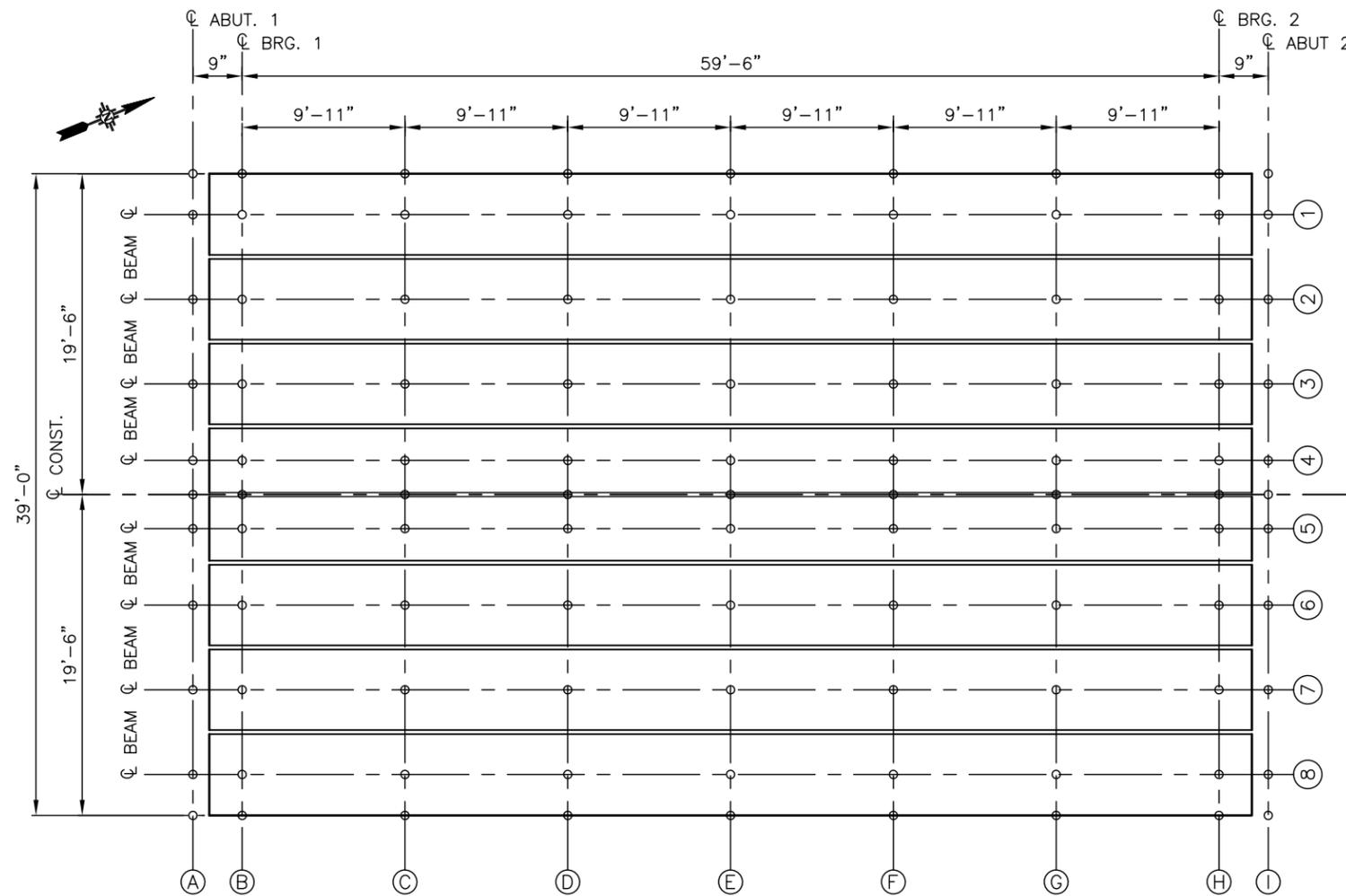
**DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
SUBSTRUCTURE
ABUTMENT SECTION**

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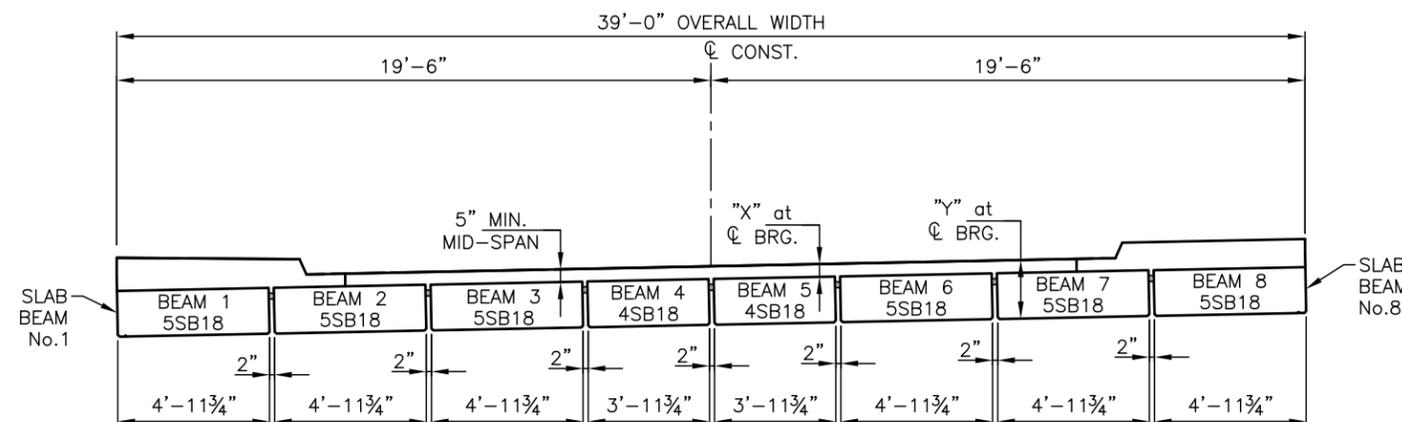


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO. L500056 L500219	SHEET NO. 5-13
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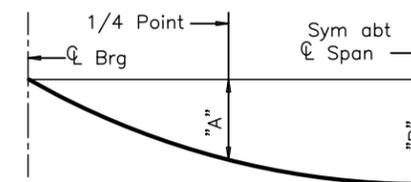
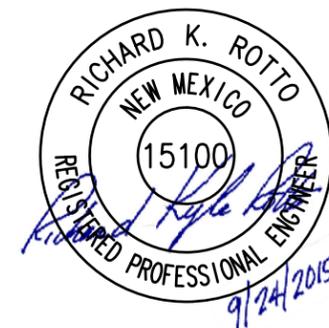
FRAMING PLAN



TRANSVERSE SECTION

BEAM No:	A	B	C	D	E	F	G	H	I
LT. E.O.D.	6946.46	6946.44	6946.18	6945.92	6945.66	6945.40	6945.14	6944.88	6944.86
CL BEAM 1	6956.51	6946.49	6946.23	6945.97	6945.71	6945.45	6945.19	6944.93	6944.91
CL BEAM 2	6946.62	6946.60	6946.33	6946.07	6945.81	6945.55	6945.29	6945.03	6945.01
CL BEAM 3	6946.72	6946.70	6946.44	6946.18	6945.92	6945.66	6945.40	6945.13	6945.12
CL BEAM 4	6946.81	6946.79	6946.53	6946.27	6946.01	6945.75	6945.49	6945.23	6945.21
CL CONST.	6946.85	6946.83	6946.57	6946.31	6946.05	6945.79	6945.53	6945.27	6945.25
CL BEAM 5	6946.89	6946.87	6946.61	6946.35	6946.09	6945.83	6945.57	6945.31	6945.29
CL BEAM 6	6946.99	6946.97	6946.71	6946.45	6946.19	6945.92	6945.66	6945.40	6945.38
CL BEAM 7	6947.09	6947.07	6946.81	6946.55	6946.29	6946.03	6945.77	6945.51	6945.49
CL BEAM 8	6947.19	6947.17	6946.91	6946.65	6946.39	6946.13	6945.87	6945.61	6945.59
RT. E.O.D.	6947.24	6947.22	6946.96	6946.70	6946.44	6946.18	6945.92	6945.66	6945.64

BEAM TYPE	DEAD LOAD DEFLECTION		SECTION DEPTHS	
	"A"	"B"	"X"	"Y"
	Ft	Ft	In	Ft/In
5SB18	0.061	0.087	8½"	2'-2½"
4SB18	0.061	0.087	8½"	2'-2½"



DEAD LOAD DEFLECTION DIAGRAM

NOTE: DEFLECTIONS SHOWN ARE DUE TO CONCRETE SLAB ONLY. ($E_c = 5 \times 10^6$ PSI)
CALCULATED DEFLECTIONS SHOWN ARE THEORETICAL AND ACTUAL DIMENSIONS MAY BE LESS. DEFLECTIONS SHALL BE ADJUSTED BASED ON FIELD OBSERVATIONS.

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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
SUPERSTRUCTURE
FRAMING PLAN

File: H:_of_siv\Eng\Projects\CKE2001 - Defour St. Bridge\00_Plans\5_Sheets\13_DeFOURI - FRAMING PLAN.dwg Date: Oct. 14, 2015 - 10:28am

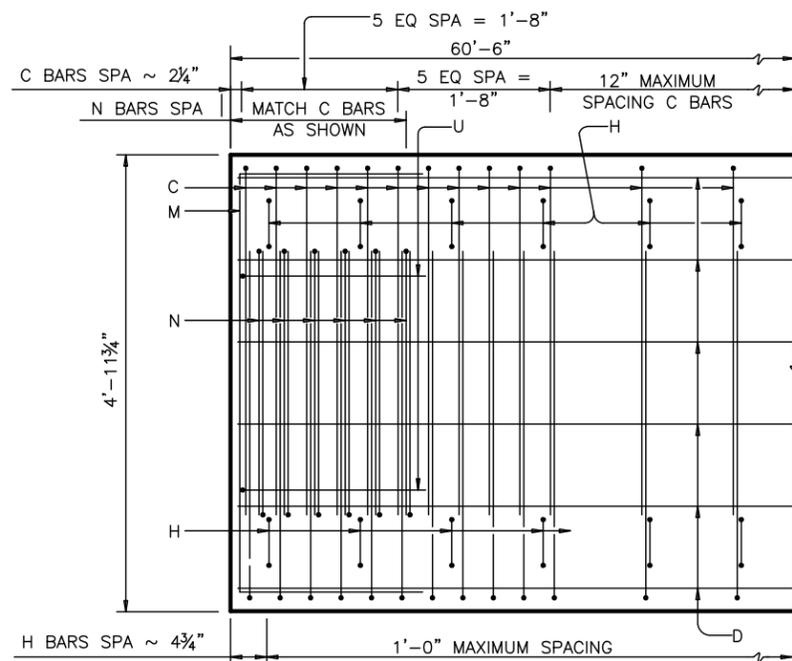


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

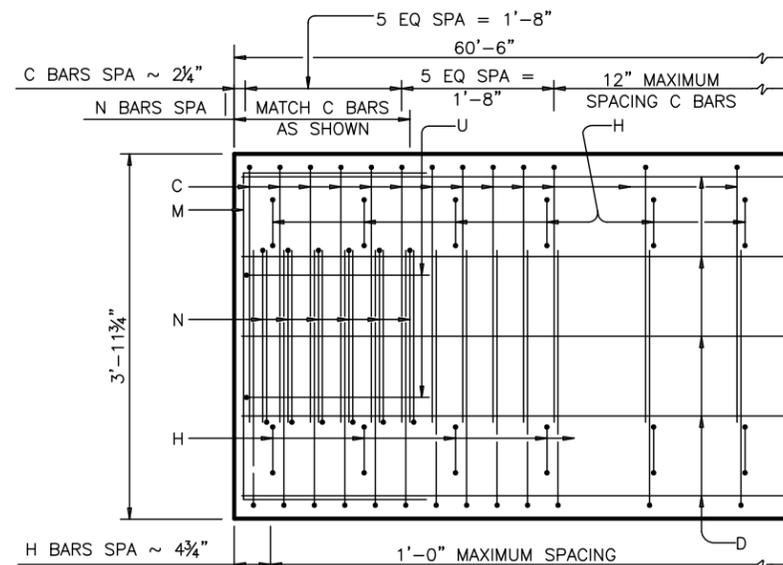
PROJECT NO.	SHEET NO.
L500056 L500219	5-14

GENERAL NOTES

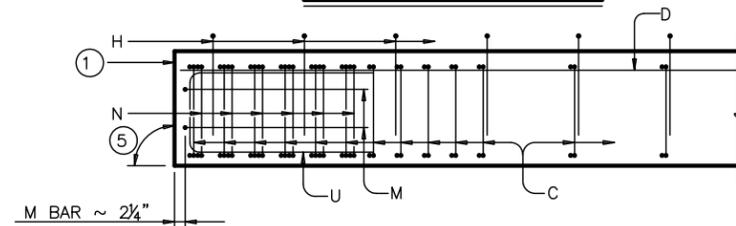
- DESIGNED ACCORDING TO AASHTO LRFD SPECIFICATIONS. USE HIGH PERFORMANCE CONCRETE (HPD). ALL REINFORCING BARS SHALL BE ASTM A615 - UNCOATED CORROSION RESISTANT REINFORCING BARS, GRADE 75.
- ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4" OR ROUNDED TO A 3/4" RADIUS.
- PROVIDE A HALF ROUND 3/4" DRIP GROOVE ON THE EXTERIOR BEAMS PER SHEET 5-19.
- INTENTIONALLY ROUGHEN THE TOP OF THE BEAMS TO A QUARTER INCH AMPLITUDE PER SECTION 518.3.2.5



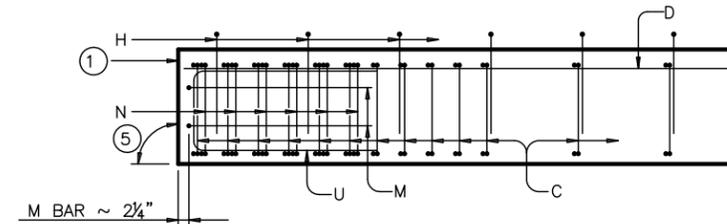
5SB18 PART PLAN



4SB18 PART PLAN



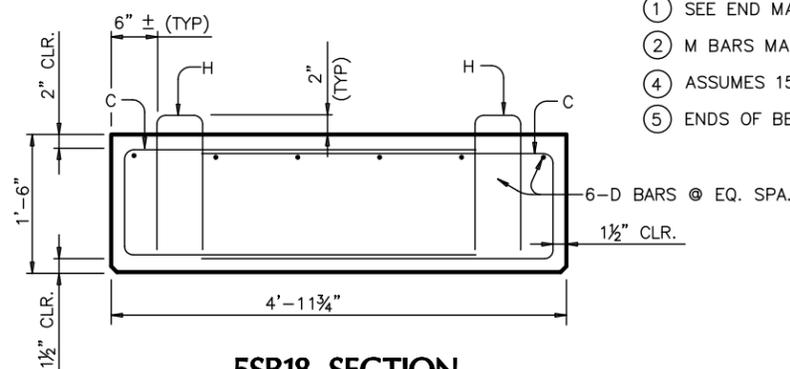
5SB18 ELEVATION



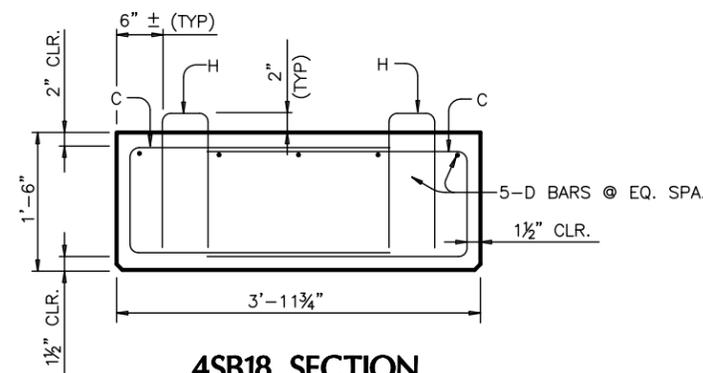
4SB18 ELEVATION

KEYED NOTES

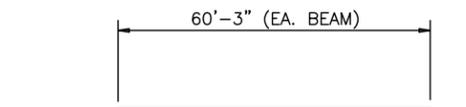
- SEE END MAT REINFORCING DETAIL.
- M BARS MAY BE ADJUSTED VERTICALLY TO AVOID STRANDS.
- ASSUMES 150 PCF WEIGHT DENSITY OF CONCRETE.
- ENDS OF BEAMS SHALL BE VERTICAL AT ABUTMENTS.



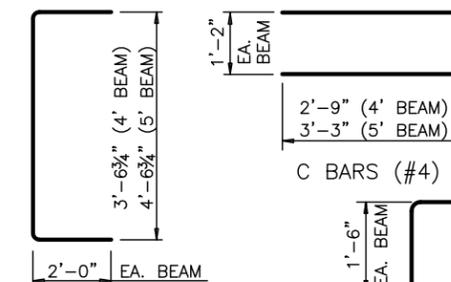
5SB18 SECTION



4SB18 SECTION



D BARS (#6)

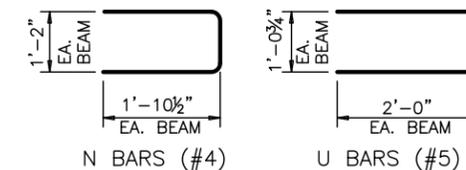


C BARS (#4)

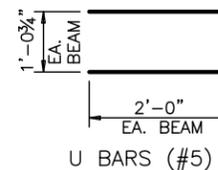


M BARS (#4)

H BARS (#4)

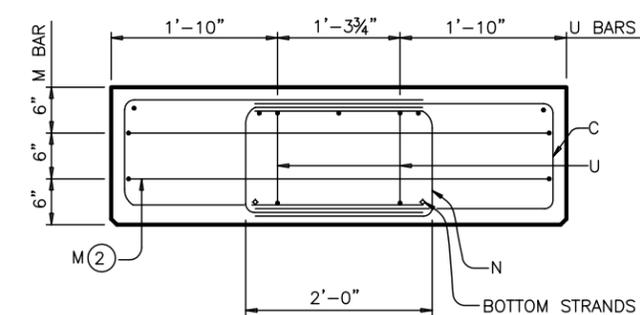


N BARS (#4)



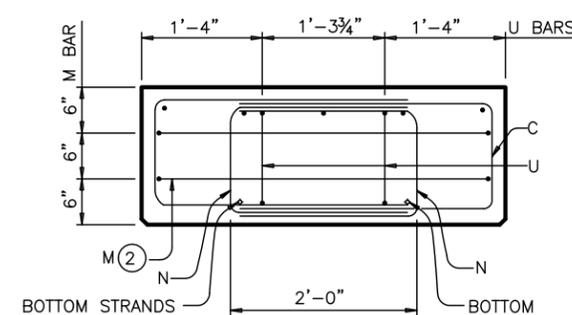
U BARS (#5)

BAR BEND DIAGRAMS



5SB18 END MAT REINFORCING

BARS NOT SHOWN FOR CLARITY

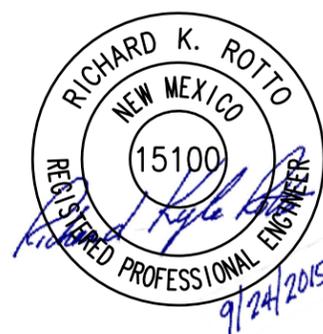


4SB18 END MAT REINFORCING

BARS NOT SHOWN FOR CLARITY

5SB18 BEAM PROPERTIES		
AREA	IN. ²	1075.50
Y TOP	IN.	9.00
Y BOTT	IN.	9.00
I	IN. ⁴	29,038.50
WEIGHT	LB/Ft	1120.30

4SB18 BEAM PROPERTIES		
AREA	IN. ²	859.50
Y TOP	IN.	9.00
Y BOTT	IN.	9.00
I	IN. ⁴	23,206.50
WEIGHT	LB/Ft	895.30



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CITY OF SANTA FE

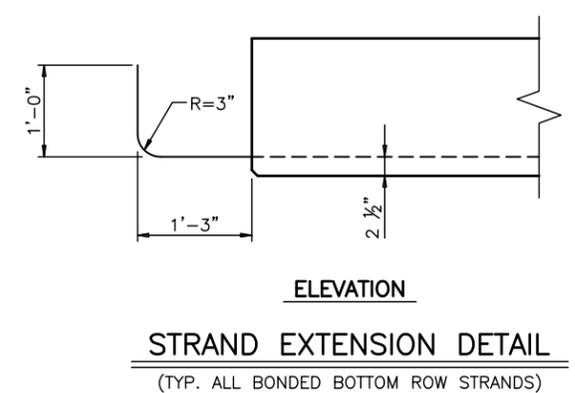
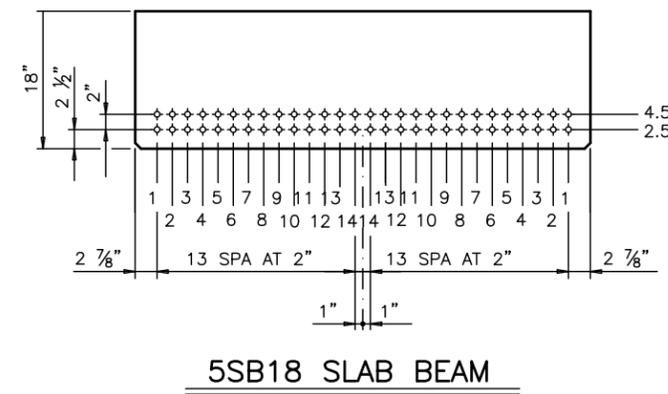
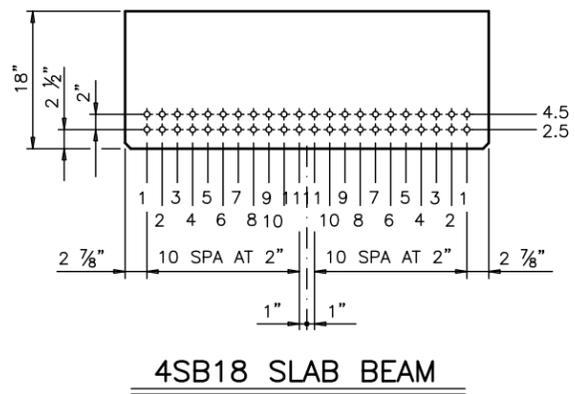
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
PRECAST PRESTRESSED SLAB BEAM
DETAILS

File: H:_of_sant\Proj\00_Plan\5_Sheets\14_DeFOURI - SLAB BEAM DETAILS.dwg Date: Oct 16, 2015 3:45pm



STRUCTURE	DESIGNED BEAMS (STRAIGHT STRANDS)																			CONCRETE						
	SPAN LENGTH	BEAM NO.	BEAM TYPE	PRESTRESSING STRANDS						DEBONDED STRAND PATTERN PER ROW											RELEASE STRGTH ① f'ci (ksi)	MINIMUM 28 DAY COMP STRGTH f'c (ksi)				
				NON-STD STRAND PATTERN	TOTAL NO.	SIZE (in)	STRGTH fpu (ksi)	"e" @ (in)	"e" END (in)	TOT NO. DEB	DIST FROM BOTTOM (in)	NO. OF STRANDS	NUMBER OF STRANDS DEBONDED TO (ft from end)													
5SB18 SLAB BEAM	59'-6"	1,2,3,6,7,8	5SB18		50	0.6	270	5.620	5.375	18	2.50	28	14	0	8	2	4	0	0	0	0	0	0	0	6.000	8.500
											4.50	22	4	0	2	2	0	0	0	0	0	0	0	0		
4SB18 SLAB BEAM	59'-6"	4,5	4SB18		36	0.6	270	5.722	5.500	12	2.50	22	10	4	2	4	0	0	0	0	0	0	0	6.000	8.500	
											4.50	14	2	0	2	0	0	0	0	0	0	0	0			0

- GENERAL NOTES:**
- DESIGNED ACCORDING TO AASHTO LRFD SPECIFICATIONS. USE HIGH PERFORMANCE CONCRETE (HPD). ALL REINFORCING BARS MUST BE ASTM A615 - UNCOATED CORROSION RESISTANT REINFORCING BARS, GRADE 75.
 - PRESTRESS LOSSES FOR THE DESIGNED BEAMS HAVE BEEN CALCULATED FOR A RELATIVE HUMIDITY OF 25 PERCENT.
 - LOCATE STRANDS FOR THE DESIGNED BEAM AS LOW AS POSSIBLE ON THE 2" GRID SYSTEM. FILL ROW "2.5", THEN ROW "4.5". PLACE STRANDS WITHIN A ROW AS FOLLOWS:
 - LOCATE A STRAND IN EACH "1" POSITION
 - PLACE STRAND PATTERN SYMMETRICALLY ABOUT VERTICAL CENTERLINE OF BEAM
 - SPACE STRANDS AS EQUALLY AS POSSIBLE ACROSS THE ENTIRE WIDTH.
 STRANDS IN THE POSITION "1" MAY NOT BE DEBONDED. DISTRIBUTE DEBONDED STRANDS EQUALLY ABOUT THE VERTICAL CENTERLINE. DECREASE DEBONDED LENGTHS WORKING INWARD, WITH DEBONDING STAGGERED IN EACH ROW.
 - ENCASE DEBONDED STRANDS IN PLASTIC SHEATHING ALONG ENTIRE DEBONDED LENGTH, AND SEAL ENDS OF SHEATHING WITH WATERPROOF TAPE. SPLIT PLASTIC SHEATHING MAY BE USED PROVIDED THE SEAM OF THE SHEATHING IS SUFFICIENTLY SEALED WITH WATERPROOF TAPE TO PROHIBIT GROUT INFILTRATION. WRAPPING OF STRANDS WITH TAPE TO PROVIDE DEBONDING IS NOT ALLOWED. USE LOW RELAXATION STRANDS PRETENSIONED TO 75 PERCENT OF FPU.



- KEYED NOTES:**
- ① BASED ON THE FOLLOWING ALLOWABLE STRESSES (ksi):
- COMPRESSION = 0.65 f'ci
- TENSION = 0.24 √ f'ci



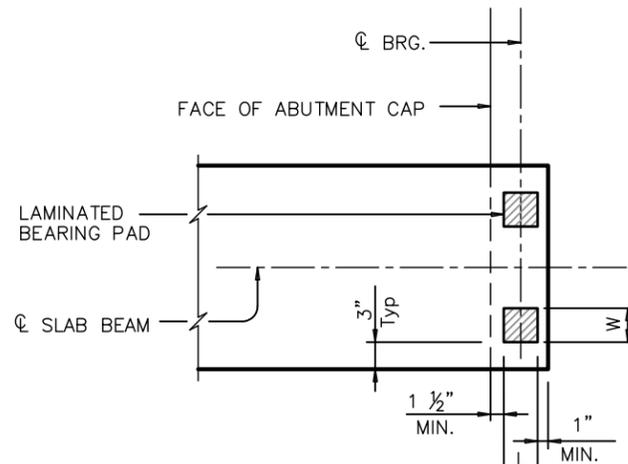
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REVISIONS (OR CHANGE NOTICES)

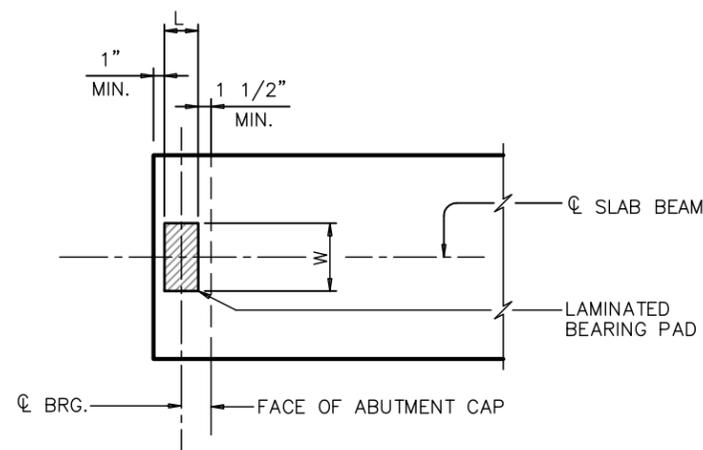
CITY OF SANTA FE

DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
CONCRETE SLAB MEMBER TYPE 18
BEAM STRAND DETAILS

File: H:\of_siv\Eng\Projects\CKE52001 - Defour St. Bridge\00_Plans\5_Sheets\15_DeFOURI - BEAM STRAND DETAILS.dwg Date: Oct 14, 2015 - 10:28am



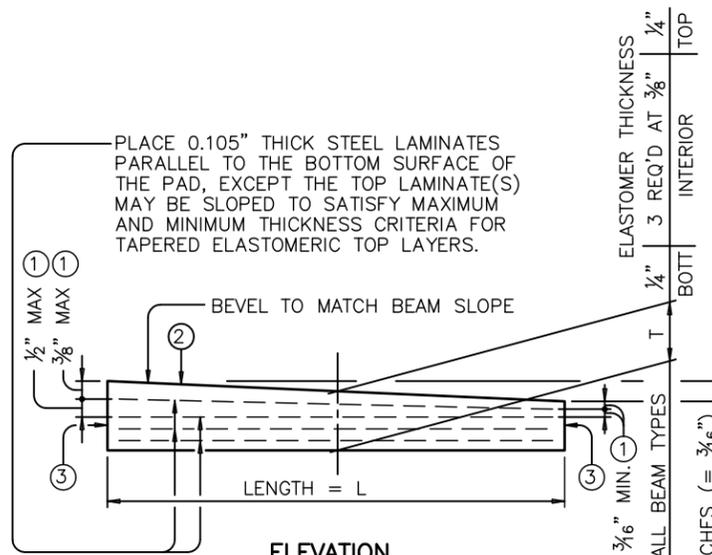
TWO-PAD DETAIL PLAN
(AT ABUTMENT No. 1)



ONE-PAD DETAIL PLAN
(AT ABUTMENT No.2)

ELASTOMERIC BEARING PLACEMENT DIAGRAMS

PLACE ONE BEARING AT FORWARD STATION BEAM END.
PLACE TWO BEARINGS AT BACK STATION BEAM END.



ELEVATION
(50 DUROMETER)

- ① MAXIMUM AND MINIMUM LAYER THICKNESSES SHOWN ARE FOR ELASTOMER ONLY, ON TAPERED LAYERS.
- ② BEARING TYPE SHALL BE INDICATED ON ALL PADS. FOR TAPERED PADS, BEARING TYPE SHALL BE LOCATED ON THE HIGH SIDE. THE FABRICATOR SHALL INCLUDE THE VALUE OF "N" (AMOUNT OF TAPER IN 1/16" INCREMENTS) IN THIS MARK.
EXAMPLES: N=0, (FOR 0" TAPER)
N=1, (FOR 1/16" TAPER)
N=2, (FOR 2/16" TAPER)
(ETC.)
FABRICATED PAD TOP SURFACE SLOPE SHALL NOT VARY FROM PLAN BEAM SLOPE BY MORE THAN (0.0625"/LENGTH) IN/IN.
- ③ LOCATE PERMANENT MARK HERE.

LAMINATED BEARING PAD

ONE-PAD (TYPE SB1-"N") ②			TWO-PAD (TYPE SB2-"N") ②		
W	L	T	W	L	T
14"	7"	2"	7"	7"	2"

GENERAL NOTES:

SHOP DRAWINGS FOR APPROVAL ARE REQUIRED.
A BEARING LAYOUT WHICH IDENTIFIES LOCATION AND ORIENTATION OF ALL BEARINGS SHALL BE DEVELOPED BY THE BEARING FABRICATOR. PERMANENTLY MARK EACH BEARING IN ACCORDANCE WITH THE BEARING LAYOUT.
A COPY OF THE BEARING LAYOUT IS TO BE PROVIDED TO THE ENGINEER.



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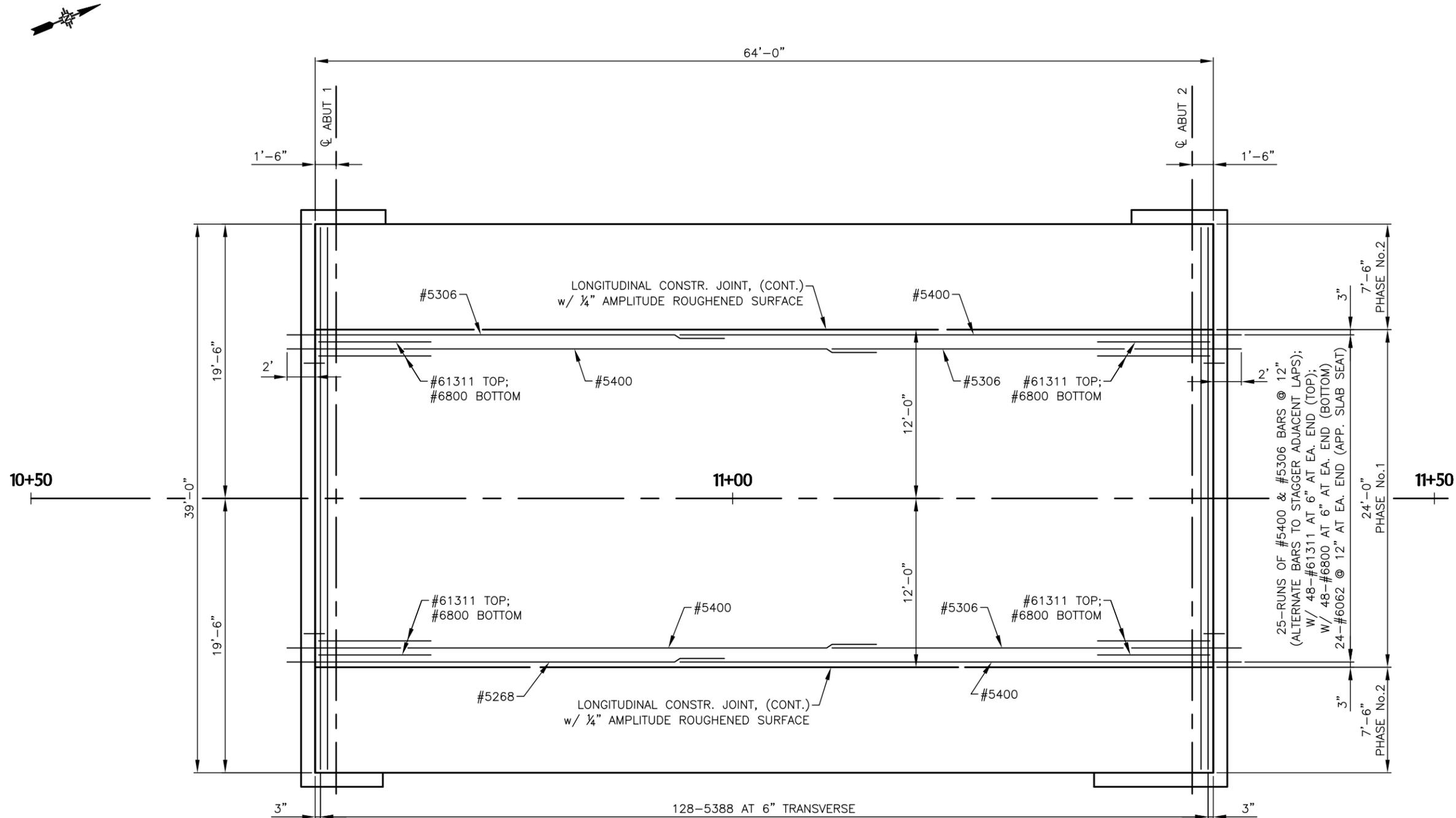
CITY OF SANTA FE

DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
SUPERSTRUCTURE
BEARING DETAILS



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

PROJECT NO.	SHEET NO.
L500056 L500219	5-17



PHASE No. 1 CAST-IN-PLACE SLAB REINFORCEMENT

(NOT TO SCALE)

- NOTE: 1) SEE PHASE No.2 SLAB REINFORCEMENT SHT. 5-18,
2) SEE DECK SECTION SHT. 5-5, & ABUTMENT SECTION SHT. 5-12
3) TRANSVERSE BARS SHALL BE CONTINUOUS THRU LONGIT. CONSTR. JOINT.



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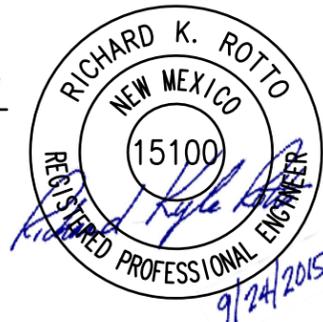
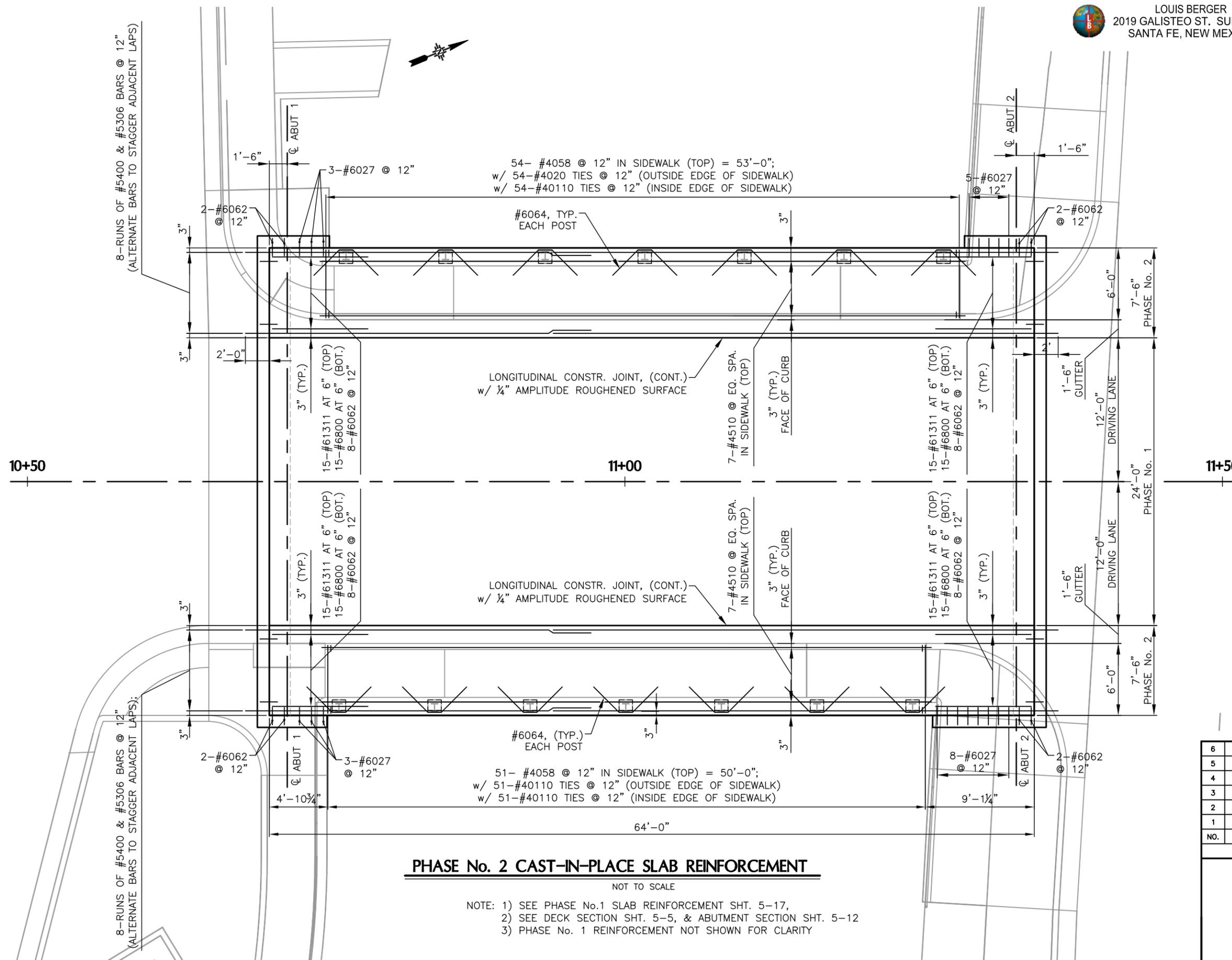
REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
PHASE No. 1
C.I.P. SLAB REINFORCEMENT



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO. L500056 L500219	SHEET NO. 5-18
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PHASE No. 2 CAST-IN-PLACE SLAB REINFORCEMENT

NOT TO SCALE

- NOTE: 1) SEE PHASE No.1 SLAB REINFORCEMENT SHT. 5-17,
2) SEE DECK SECTION SHT. 5-5, & ABUTMENT SECTION SHT. 5-12
3) PHASE No. 1 REINFORCEMENT NOT SHOWN FOR CLARITY

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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

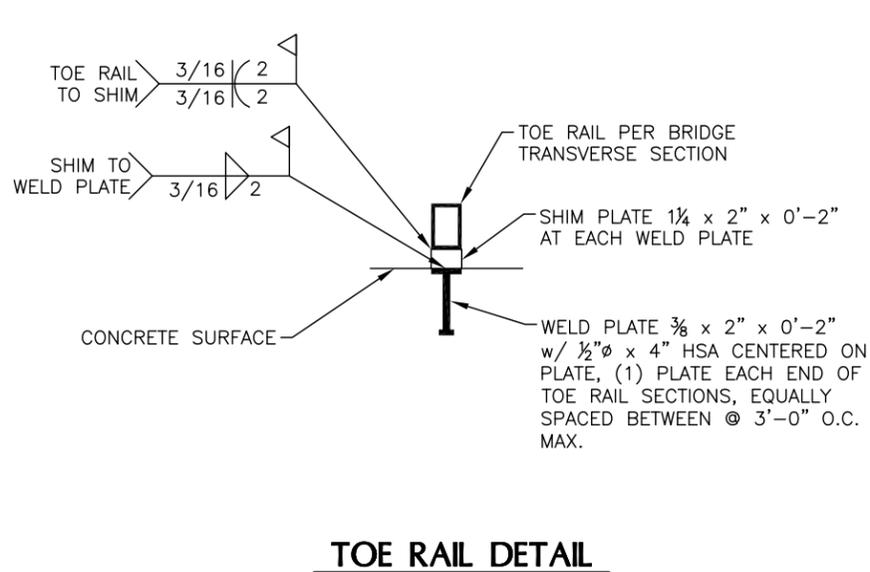
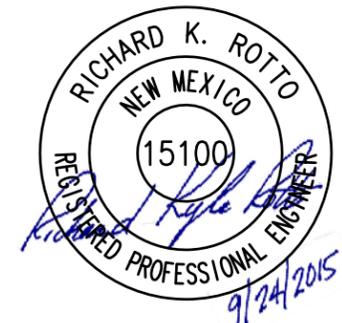
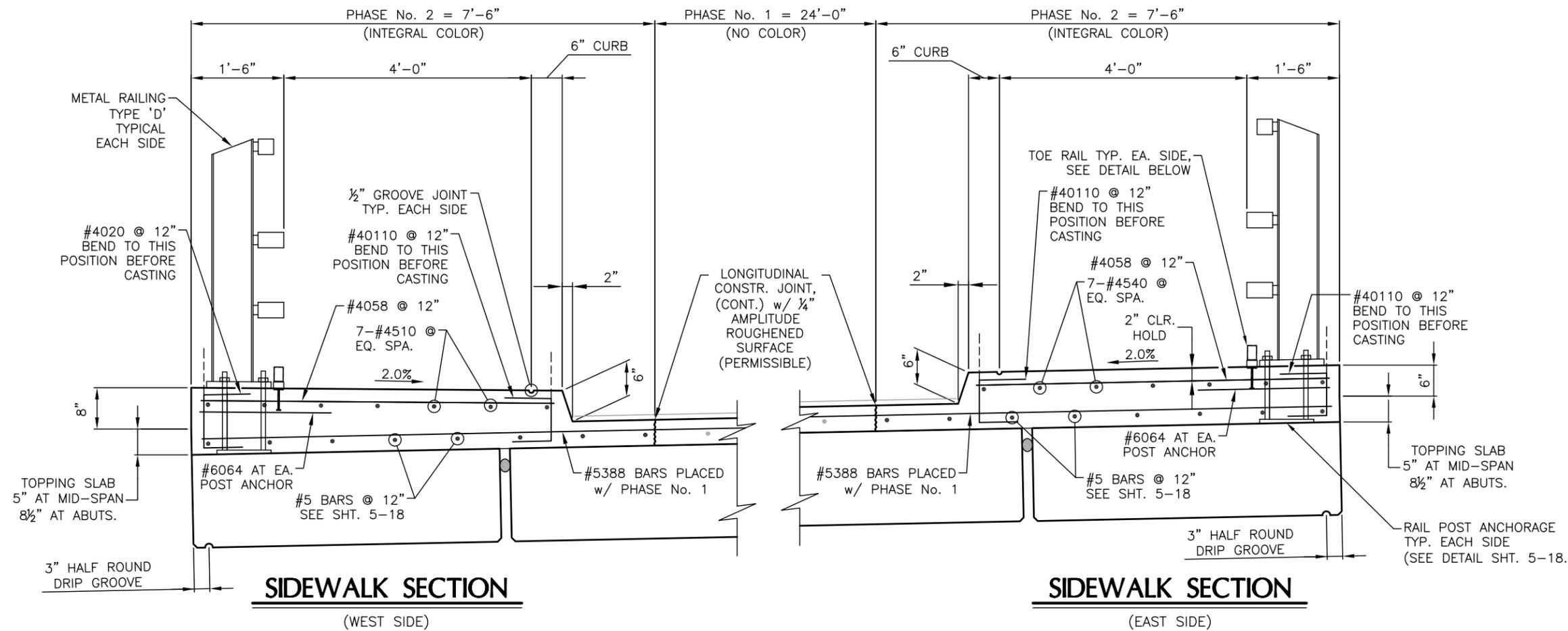
**DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
PHASE No. 2
C.I.P. SLAB REINFORCEMENT**

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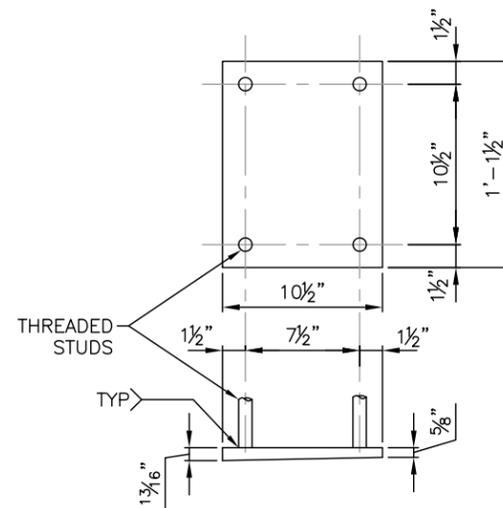


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

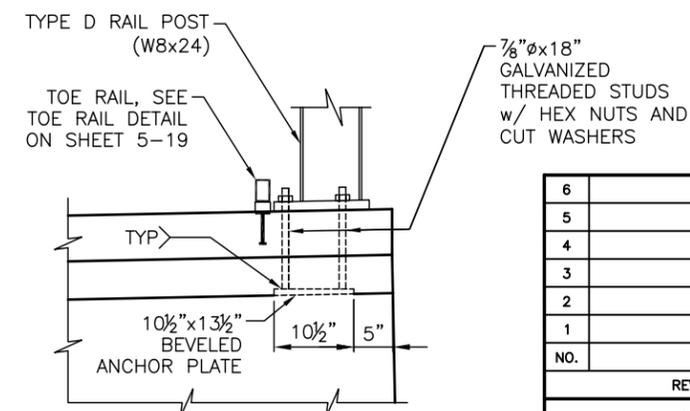
PROJECT NO. L500056 L500219	SHEET NO. 5-19
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TOE RAIL DETAIL



BEVELED ANCHOR PLATE DETAIL



RAIL POST ANCHORAGE

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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

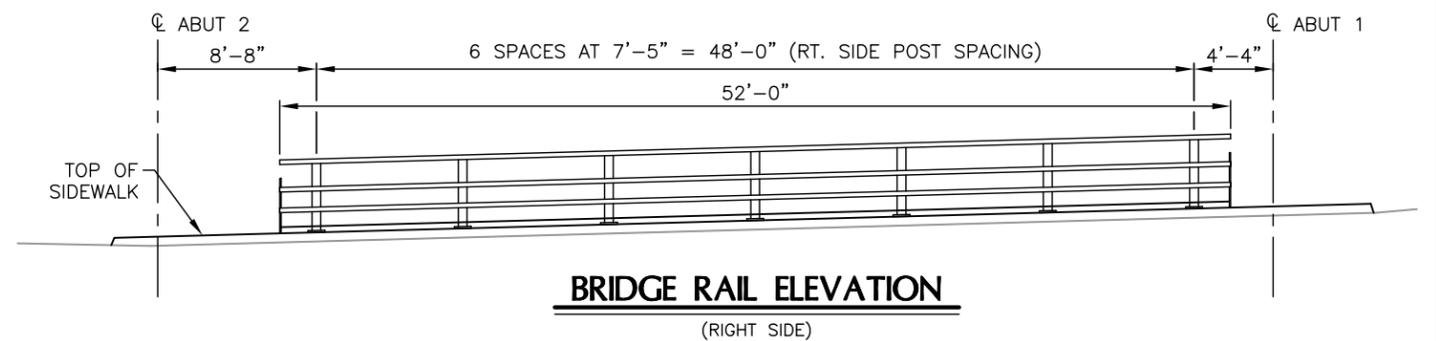
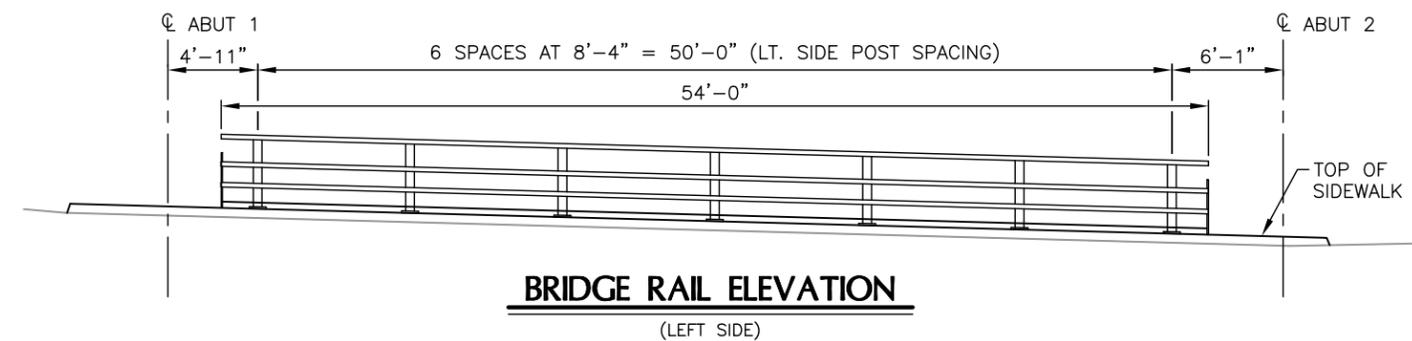
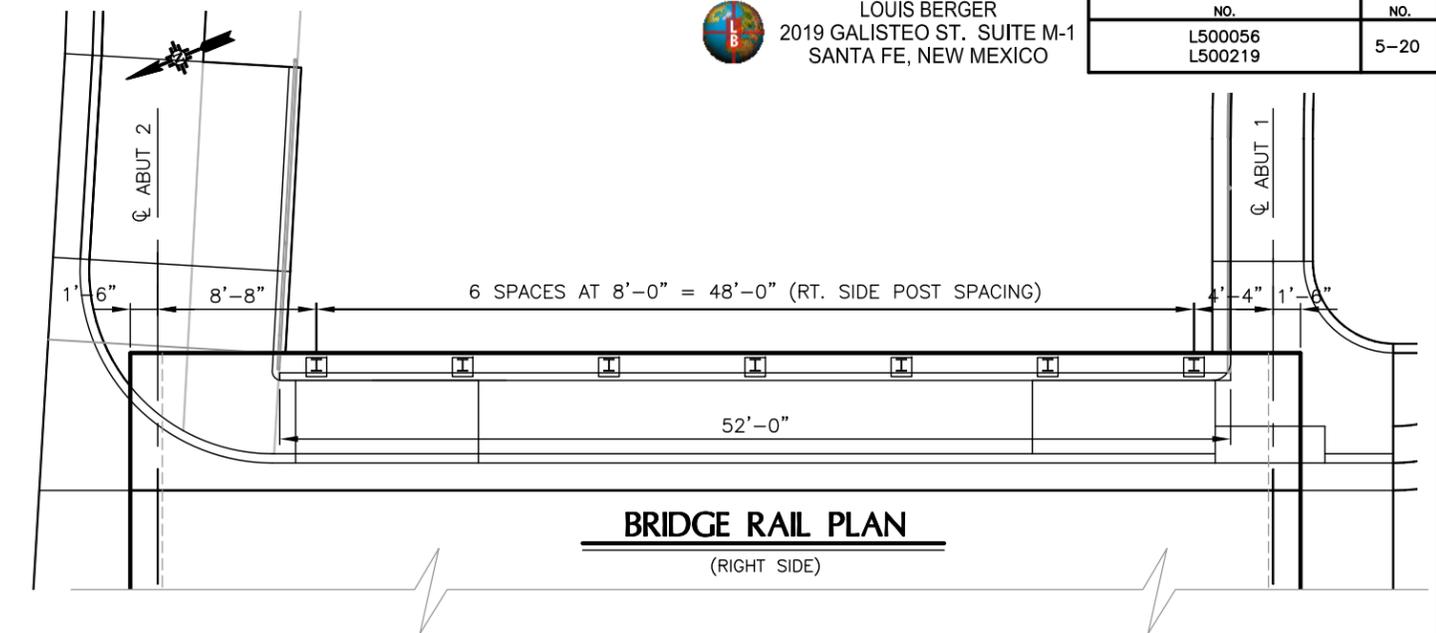
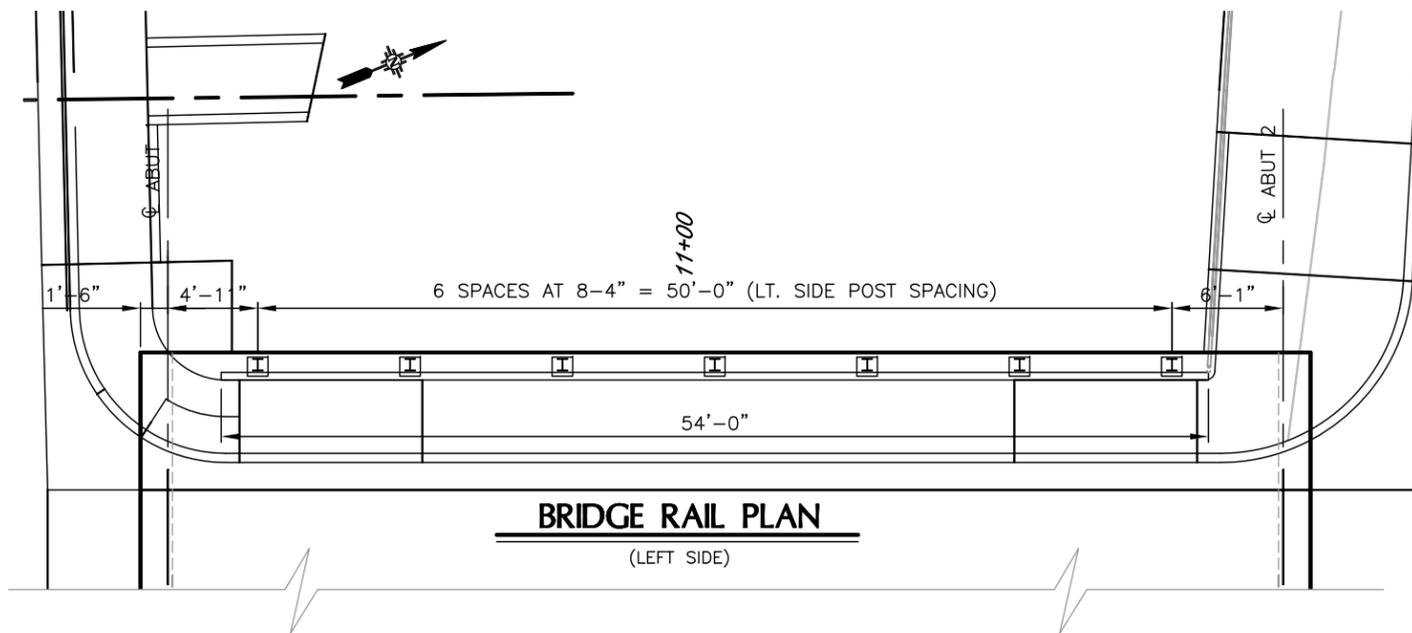
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
SIDEWALK REINFORCEMENT

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LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	5-20

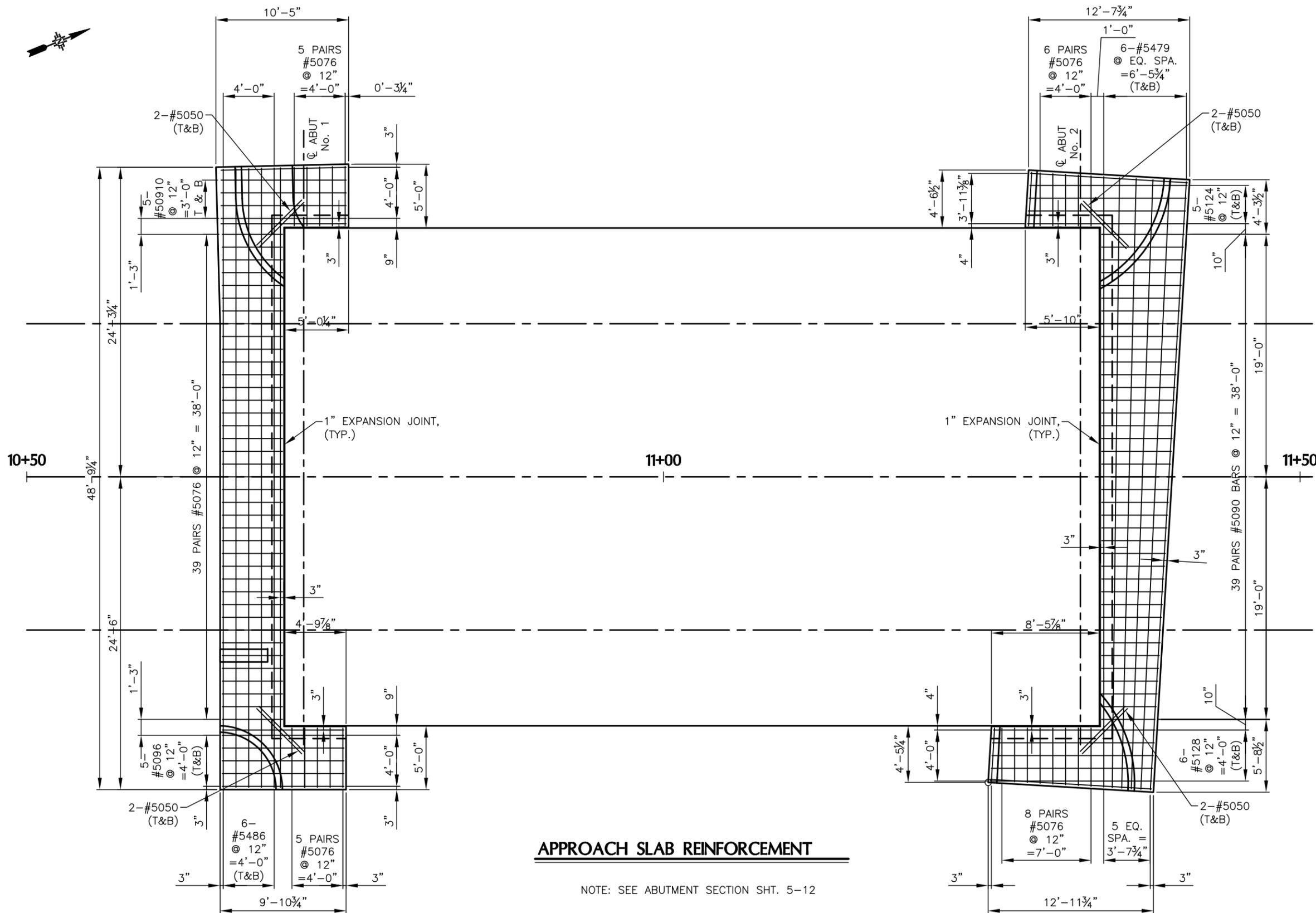


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REVISIONS (OR CHANGE NOTICES)

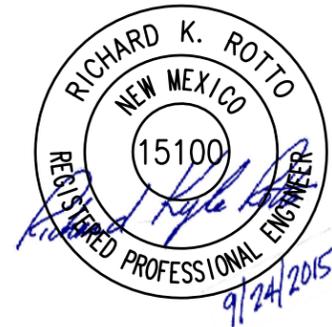
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
BRIDGE RAIL DETAILS
AND LAYOUT

File: H:\of_siv\Proj\Projects\CKE52001 - Defouri St. Bridge\00_Plans\5_Sheets\20_DeFOURI - BRIDGE RAIL DETAILS.dwg Date: Oct 14, 2015 10:28am



APPROACH SLAB REINFORCEMENT

NOTE: SEE ABUTMENT SECTION SHT. 5-12



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
APPROACH SLAB
REINFORCEMENT PLAN

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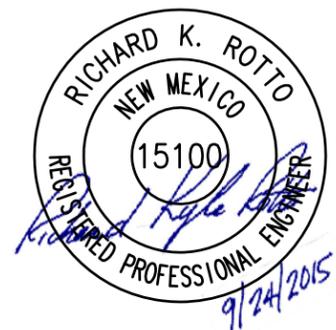


REINFORCING BARS

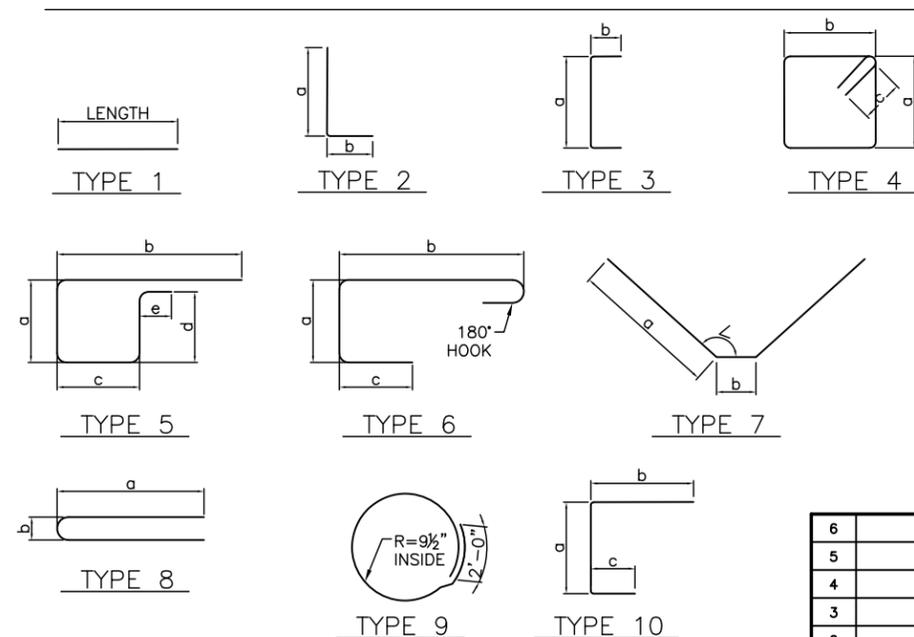
DRILLED SHAFT REINF. ABUT. 1 (UNCOATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#8534	8	1	53'-4"	90	10 SETS OF 3 PER DRILLED SHAFT
#4070	4	9	7'-0"	351	CIRC. TIES, R=9/8", 117 PER DRILLED SHAFT
DRILLED SHAFT REINF. ABUT. 2 (UNCOATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#8534	8	1	53'-4"	90	10 SETS OF 3 PER DRILLED SHAFT
#4070	4	9	7'-0"	351	CIRC. TIES, R=9/8", 117 PER DRILLED SHAFT
ABUT. CAP 1 REINF. (UNCOATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#9388	9	1	38'-8"	20	8 @ TOP, 8 @ BOT., 2 @ EACH FACE
#6046	6	1	4'-6"	156	DOWELS, 78 PAIRS PER ABUT. CAP
#5118	5	4	11'-8"	1 EA.	a=2'-8", b=2'-8", c=0'-6"
					THRU CAP STIRRUPS
#5132	5	4	13'-2"	40 TOTAL	a=3'-5", b=2'-8", c=0'-6"
#4070	4	9	7'-0"	27	CIRC. TIES, R=9/8", 9 PER DRILLED SHAFT
ABUT. CAP 2 REINF. (UNCOATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#9388	9	1	38'-8"	20	8 @ TOP, 8 @ BOT., 2 @ EACH FACE
#6046	6	1	4'-6"	156	DOWELS, 78 PAIRS PER ABUT. CAP
#5118	5	4	11'-8"	1 EA.	a=2'-8", b=2'-8", c=0'-6"
					THRU CAP STIRRUPS
#5132	5	4	13'-2"	40 TOTAL	a=3'-5", b=2'-8", c=0'-6"
#4070	4	9	7'-0"	27	CIRC. TIES, R=9/8", 9 PER DRILLED SHAFT
5SB18 SLAB BEAM REINF. (UNCOATED) QTY'S PER EACH BEAM, 6-5SB18 BEAMS REQ'D.					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#6603	6	1	60'-3"	6	"D" BAR, TOP, LONGIT.
#4078	4	3	7'-8"	150	"C" BAR, 75 PAIRS, a=1'-2" b=3'-3"
#4036	4	3E	3'-6"	122	"H" BAR, 61 PAIRS, a=6" b=1'-6"
#4087	4	3	8'-6 3/4"	4	"M" BAR, 2 @ EACH END, a=4'-6 3/4" b=2'-0"
#40411	4	3	4'-11"	24	"N" BAR, 6 PAIR EA. END, a=1'-2" b=1'-10 1/2"
#5051	5	3	5'-0 3/4"	4	"U" BAR, 1 PAIR EA. END, a=1'-0 3/4" b=2'-0"
4SB18 SLAB BEAM REINF. (UNCOATED) QTY'S PER EACH BEAM, 2-4SB18 BEAMS REQ'D.					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#6603	6	1	60'-3"	5	"D" BAR, TOP, LONGIT.
#4068	4	3	6'-8"	150	"C" BAR, 75 PAIRS, a=1'-2" b=2'-9"
#4036	4	3E	3'-6"	122	"H" BAR, 61 PAIRS, a=6" b=1'-6"
#4077	4	3	7'-6 3/4"	4	"M" BAR, 2 @ EACH END, a=3'-6 3/4" b=2'-0"
#40411	4	3	4'-11"	24	"N" BAR, 6 PAIR EA. END, a=1'-2" b=1'-10 1/2"
#5051	5	3	5'-0 3/4"	4	"U" BAR, 1 PAIR EA. END, a=1'-0 3/4" b=2'-0"
CAST-IN-PLACE SLAB REINF. PHASE No.1 (EPOXY COATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#5388	5	1E	38'-8"	128	TRANSVERSE
#5400	5	1E	40'-0"	25	LONGITUDINAL
#5306	5	1E	30'-6"	25	LONGITUDINAL
#6080	6	1E	8'-0"	96	LONGITUDINAL, BOTTOM, 48 AT EACH END.
#6388	6	1E	38'-8"	12	TRANS. IN SLAB DIAPHRAGM, 6 AT EA. END
#61311	6	5E	13'-11"	96	TIES, SLAB DIAPHRAGM; a=2'-6" ,b=8'-0" ,c=1'-4" ,d=1'-11" ,e=6"
#6062	6	6E	6'-2"	48	APP. SLAB SEAT; 24 AT EA. ABUT. a=1'-2" ,b=2'-4" ,c=2'-0"
CAST-IN-PLACE SLAB REINF. PHASE No.2, INCLUDING SIDEWALK REINF. (EPOXY COATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#5400	5	1E	40'-0"	16	LONGITUDINAL, 8 EA. SIDE
#5306	5	1E	30'-6"	16	LONGITUDINAL, 8 EA. SIDE
#6080	6	1E	8'-0"	60	LONGITUDINAL, BOTTOM, 15 EA. SIDE & EA. END
#61311	6	5E	13'-11"	60	TIES, 15 EA. SIDE & EA. END; a=2'-6" ,b=8'-0" ,c=1'-4" ,d=1'-11" ,e=6"
#6062	6	6E	6'-2"	40	APP. SLAB SEAT; 20 @ ABUT. No.1; 20 @ ABUT. No.2, a=1'-2" ,b=2'-4" ,c=2'-0"
#6027	6	10E	2'-7"	19	APP. SLAB SEAT; 6 @ ABUT. No.1; 13 @ ABUT. No.2, a=8" ,b=1'-5" ,c=6"
#4510	4	1E	51'-0"	14	LONGIT. 7 AT EA. SIDEWALK
#4058	4	1E	5'-8"	105	TRANS. 51 AT RT. SWLK., 54 AT LT. SWLK.
#40110	4	2E	1'-10"	156	TIES, 102 AT RT. SWLK., 54 AT LT. SWLK.
#4020	4	2E	2'-0"	54	TIES, 54 AT LT. SIDEWALK
#6064	6	7E	6'-4"	14	7 EA. SIDEWALK, 1 AT EA. POST ANCHOR, a=2'-8" b=1'-0" L=135'

REINFORCING BARS

APPROACH SLAB No.1 REINF. (EPOXY COATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#5486	5	1E	48'-6"	12	6 TOP, 6 BOTTOM
#50910	5	1E	9'-10"	10	5 TOP, 5 BOTTOM
#5096	5	1E	9'-6"	10	5 TOP, 5 BOTTOM
#5050	5	1E	5'-0"	8	2 TOP, 2 BOTTOM, EACH CORNER APP. SLAB No. 1
#5076	5	8E	7'-6"	98	49 PAIRS APP. SLAB No. 1
APPROACH SLAB No. 2 (EPOXY COATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#5479	5	1E	47'-9"	12	6 TOP, 6 BOTTOM
#5128	5	1E	12'-8"	12	6 TOP, 6 BOTTOM
#5124	5	1E	12'-4"	10	5 TOP, 5 BOTTOM
#5050	5	1E	5'-0"	8	2 TOP, 2 BOTTOM, EACH CORNER APP. SLAB No. 1
#5076	5	8E	7'-6"	106	53 PAIRS APP. SLAB No. 2



BAR BENDING DIAGRAMS



NOTES:

- BENDING DIMENSIONS ARE FROM OUT TO OUT OF BARS.
- "E" NEXT TO BAR TYPE IN SCHEDULE DENOTES EPOXY COATED BARS.
- SEE SHT. 5-9 FOR SHAFT AND COLUMN REINF.

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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE #9716
REINFORCING BAR SCHEDULE

GENERAL NOTES

1. **WORKMANSHIP AND MATERIALS** SHALL CONFORM TO THE NEW MEXICO DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION 2014 EDITION, AND APPLICABLE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.
2. **ALL DIMENSIONS, ELEVATIONS AND DETAILS** SHOWN WERE TAKEN FROM THE AS-BUILT PLANS. THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL DIMENSIONS AND DETAILS WHICH WILL BE INVOLVED IN THE REHABILITATION PRIOR TO PROCEEDING WITH THE WORK. SCANNED COPIES OF THE AS-BUILT PLANS FOR THE EXISTING BRIDGES ARE AVAILABLE FROM THE CITY OF SANTA FE AT (505) 955-6672.
3. **EXISTING UTILITIES.** THE CONTRACTOR SHALL VERIFY IN THE FIELD THE LOCATIONS OF ALL EXISTING UTILITIES, CABLES, PIPES OR CONDUITS WHICH MUST BE PROTECTED FROM DAMAGE BEFORE PROCEEDING WITH THE WORK. THE LOCATING OF THE EXISTING UTILITIES, WILL BE INCIDENTAL TO COMPLETION OF THE PROJECT.
4. **GRINDING OF BRIDGE DECK** SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION SECTION 455-DIAMOND GRINDING AND DIAMOND GROOVING OF PORTLAND CEMENT CONCRETE PAVEMENT. THE GRINDER FOR THIS PROJECT SHALL PRODUCE A GRINDING PATH OF NO LESS THAN THREE (3) FEET IN WIDTH AND NO MORE THAN 1/4" IN DEPTH. THE CONTRACTOR WILL DEMONSTRATE TO THE PROJECT MANAGER THAT THE DIAMOND GRINDER IS CAPABLE OF THESE REQUIREMENTS AND DEMONSTRATE THAT THE GRINDER IS IN GOOD WORKING CONDITION TO LAST THE ENTIRE DURATION OF THE GRINDING WORK REQUIRED. APPROVAL FOR USE OF THE PROPOSED GRINDER MUST BE OBTAINED FROM THE PROJECT MANAGER PRIOR TO BEGINNING THE GRINDING WORK.
5. **ALL LOOSE CONCRETE MATERIAL AND SLURRY** GENERATED FROM THE GRINDING OPERATION SHALL BE CLEANED OFF THE DECK AND HAULED TO AN ENVIRONMENTALLY ACCEPTABLE DISPOSAL SITE. NO CONCRETE DEBRIS OR SLURRY WILL BE STOCKPILED WITHIN THE PROJECT LIMITS. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT.
6. **DECK GRINDING** SHALL BE FOLLOWED BY ORDINARY DECK PREPARATION (SHOTBLASTING OR SIMILAR, AS RECOMMENDED BY THE OVERLAY MANUFACTURER AND CLEANING PER SECTION 536 OF THE SPECIFICATIONS.
7. **CARE SHALL BE TAKEN** DURING ALL REPAIR AND REMOVAL OPERATIONS TO PREVENT DAMAGE TO STRUCTURAL COMPONENTS AND REINFORCING STEEL BEING RETAINED. WHERE FEASIBLE, 3/4 INCH SAWCUTS SHALL BE MADE AT ALL REMOVAL LINES. REINFORCING STEEL TO BE RETAINED SHALL BE CLEANED AND STRAIGHTENED FOR INCORPORATION INTO NEW WORK. ANY DAMAGE TO EXISTING STRUCTURAL COMPONENTS CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE PROJECT MANAGER, AT NO COST TO THE STATE.
8. **ANY DAMAGES** TO FACILITIES BELOW THE BRIDGES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANY REPAIR OF DAMAGES TO FACILITIES SHALL BE AS DIRECTED BY THE PROJECT MANAGER AT NO ADDITIONAL COST TO THE STATE.
9. **ALL UNSOUND CONCRETE ON BRIDGE DECK AND OTHER CONCRETE SURFACES** SHALL BE REPAIRED PER SECTION 533 - CONCRETE STRUCTURE REPAIR OF THE STANDARD SPECIFICATIONS. UNSOUND AREAS SHALL BE MARKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE PROJECT MANAGER. ANY REPAIR THAT REQUIRES CONCRETE REMOVAL DEEPER THAN 4 INCHES WILL BE PAID FOR ON A PRORATED RATE OF 25% OF BID "ITEM No. 533000 - REPAIR OF CONCRETE STRUCTURES", PER INCH EXCEEDING 4 INCHES. THE QUANTITIES SHOWN ARE AN ESTIMATE ONLY AND ARE SUBJECT TO ADJUSTMENT IN THE FIELD.
10. **BONDING AGENT:** CONCRETE PLACEMENT AGAINST EXISTING CONCRETE SHALL CONFORM TO SECTION 511.3.7.2 (BONDING NEW CONCRETE TO EXISTING) AND 533.3.1.4 (APPLICATION OF BONDING AGENTS) AS APPLICABLE.
11. **SUPERSTRUCTURE CONCRETE** SHALL BE CLASS HIGH PERFORMANCE CONCRETE (HPD) FOR SIDEWALKS AND MEDIANS, AND POLYESTER CONCRETE BRIDGE DECK OVERLAY FOR DECK REPAIRS AND OVERLAY. CHAMFER ALL EDGES OF CONCRETE 3/4" UNLESS OTHERWISE NOTED. ALL CONCRETE MIX DESIGNS SHALL BE ADJUSTED TO MEET THE LEVEL OF HIGH-RISK ZONE AS SPECIFIED IN SUBSECTION 509.2.8.2 (FREEZE-THAW RISK ZONES). CONCRETE PLACED DURING COLD WEATHER SHALL CONFORM TO SUBSECTION 511.3.4.1 (COLD WEATHER CONCRETE).
12. **THE REINFORCING SHOWN IN THE REBAR SCHEDULES** WILL BE PAID FOR UNDER ITEM 540060 REINFORCING BARS GRADE 60 OR UNDER "ITEM No. 540160 - EPOXY COATED REINFORCING BARS GRADE 60". DIMENSIONS SHOWN REFER TO CENTERLINES OF BARS UNLESS NOTED OTHERWISE. ADDITIONAL REINFORCING THAT IS REQUIRED AND IS NOT SHOWN IN THE REBAR SCHEDULE WILL BE PAID FOR UNDER "ITEM No. 530300 REPLACEMENT REINFORCING BARS GRADE 60". SEE REBAR LAP SPICE TABLE THIS SHEET.
13. **ANY EXISTING REINFORCEMENT** DETERMINED TO BE INADEQUATE BY THE PROJECT MANAGER DUE TO CORROSION OR INADEQUATE EMBEDMENT SHALL BE REPLACED. EXISTING REINFORCING DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE. THE EXISTING REINFORCEMENT INCORPORATED INTO THE NEW CONCRETE SHALL BE SANDBLASTED TO REMOVE OLD CONCRETE, OIL AND OTHER DETERIORATED MATERIAL. THE EXISTING REINFORCEMENT TO REMAIN SHALL BE RESTORED TO ORIGINAL SHAPE AND CONDITION.
14. **REINFORCEMENT AND CONCRETE** REMOVED FROM THE EXISTING DECK SHALL BE PROPERLY DISPOSED OF IN AN ENVIRONMENTALLY SUITABLE DISPOSAL SITE IN ACCORDANCE WITH SECTION 107.
15. **FINISH CONCRETE SURFACES:** THE CONCRETE SURFACES LISTED BELOW SHALL RECEIVE A "CLASS 4" SPECIAL SURFACE FINISH. THE SPECIAL SURFACE SHALL BE A CONCRETE STAIN AS APPROVED BY THE PROJECT MANAGER. THE COLOR OF THE FINISH SHALL BE FROM THE DAVIS COLOR CHART OR APPROVED EQUAL AND BE AS FOLLOWS:

SURFACE	COLOR
EXTERIOR EDGE OF DECK SLAB AND SIDEWALKS	#641 YOSEMITE BROWN
EXTERIOR FACE OF EXTERIOR BEAMS	#641 YOSEMITE BROWN
EXPOSED EXTERIOR FACES OF ABUTMENT WALLS & WINGWALLS	#641 YOSEMITE BROWN

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

16. **PENETRATING WATER REPELLENT TREATMENT** SHALL BE APPLIED TO ALL EXPOSED NEW AND EXISTING CONCRETE SURFACES. TREATMENT SHALL EXTEND 1'-0" BELOW FINISHED GRADE, WHERE APPLICABLE.
17. **PERMANENT ANTI-GRAFFITI PROTECTIVE COATING:** SHALL BE APPLIED TO THE FOLLOWING SURFACES:
 - a. EXTERIOR EDGES OF DECK SLAB AND SIDEWALKS
 - b. EXTERIOR SURFACES OF EXTERIOR BEAMS
 - c. THE EXTERIOR SURFACES OF ABUTMENTS AND WINGWALLS
18. IF MECHANICAL REINFORCING BAR COUPLERS ARE REQUIRED FOR THE BRIDGE DECK, THE COUPLERS SHALL BE CAPABLE OF DEVELOPING 125% OF THE YIELD STRENGTH FOR THE REINFORCING BARS. MECHANICAL COUPLERS SHALL BE INSTALLED AS SPECIFIED BY THE MANUFACTURER. ONE COPY OF THE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDED INSTALLATION PROCEDURES SHALL BE FURNISHED TO THE PROJECT MANAGER 14 CALENDAR DAYS PRIOR TO BEGINNING OF THE COUPLING WORK. AFTER INSTALLATION, MECHANICAL COUPLERS WILL BE PAINTED WITH A 2-PART EPOXY PAINT FROM NMDOT'S APPROVED PRODUCTS LIST. ALL MATERIAL, LABOR AND PAINTING FOR THE MECHANICAL REINFORCING BAR COUPLERS SHALL BE INCLUDED IN THE UNIT BID PRICE PER POUND FOR "ITEM No. 530300 - REPLACEMENT REINFORCING BARS GRADE 60".
19. **SEE ROADWAY PLANS** FOR TRAFFIC CONTROL, CONSTRUCTION STAGING, SIGNING, LIGHTING, AND OTHER INFORMATION AND WORK NOT SHOWED ON THE BRIDGE PLANS.

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

REINFORCEMENT LAP SPICE TABLE

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



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

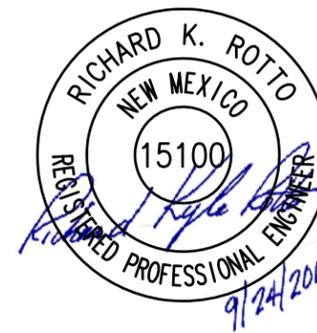
PROJECT NO.	SHEET NO.
L500056 L500219	5A-1

INDEX OF SHEETS

5A-1	GENERAL NOTES
5A-2	GENERAL NOTES AND ESTIMATED QUANTITIES
5A-3	STRUCTURE LOCATION PLAN
5A-4	BRIDGE PROFILE
5A-5	TRANSVERSE SECTIONS
5A-6	SUGGESTED SEQUENCE OF CONSTRUCTION
5A-7	SUGGESTED SEQUENCE OF CONSTRUCTION
5A-8	DECK REPAIR DETAILS
5A-9	WEST SIDEWALK REINFORCEMENT
5A-10	RAISED MEDIAN REINFORCEMENT
5A-11	EAST SIDEWALK REINFORCEMENT
5A-12	REINFORCING BAR SCHEDULE

SCOPE OF WORK

1. REMOVE EXISTING MEDIAN, PORTIONS OF EXISTING SIDEWALK, CURB & GUTTER, AND ASPHALT OVERLAY.
2. DIAMOND GRIND EXISTING CONCRETE DECK.
3. SOUND AND REPAIR UNSOUND CONCRETE IN EXISTING DECK TO REMAIN.
4. REPAIR UNSOUND AND SPALLING CONCRETE IN DECK AND ABUTMENTS.
5. APPLY POLYESTER CONCRETE BRIDGE DECK OVERLAY
6. BUILD NEW CURB & GUTTER, CONCRETE MEDIAN, AND SIDEWALKS
7. RECOAT EXISTING METAL BRIDGE RAILING.
8. REPAIR UNSOUND AND SPALLING CONCRETE IN ABUTMENT WALLS
9. APPLY PENETRATING WATER REPELLENT TREATMENT AND CONCRETE SURFACE TREATMENT TO CONCRETE SIDEWALKS AND MEDIAN.
10. APPLY SPECIAL SURFACE FINISH EXTERIOR FACES OF SLAB, ABUTMENTS AND UNDERSIDE OF DECK.



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
GUADALUPE ST. BRIDGE #6944
GENERAL NOTES



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	5A-2

INCIDENTAL ITEMS

1. ALL FORMWORK REQUIRED FOR CONCRETE REPAIRS
2. FALL PROTECTION AND PROTECTION FROM FALLING DEBRIS
3. CONCRETE SURFACE PROFILE CHIPS
4. MECHANICAL REBAR COUPLERS
5. USE OF MECHANICAL MIXERS FOR SECTION 536 OVERLAY
6. LOCATING AND PROTECTING EXISTING UTILITIES
7. SILICONE SEALANT
8. PREFORMED BITUMINOUS JOINT FILLER
9. ALL FOAM AND EXTRUDED POLYSTYRENE
10. LOW-VISCOSITY, GRAVITY-FED SEALERS
11. SPECIAL SURFACE FINISH INCLUDING 5 GALLONS ADDITIONAL OF EACH COLOR
10. PENETRATING WATER REPELLANT TREATMENT
11. BONDING AGENT
12. NON-SHRINK GROUT

ITEMS LISTED ABOVE ARE ONLY A GENERAL DESCRIPTION OF THE REQUIRED WORK AND MATERIAL AND MAY NOT BE COMPLETE. PARAGRAPH 104.1 OF THE STANDARD SPECIFICATIONS APPLIES. THIS LIST DOES NOT INCLUDE ANY INCIDENTAL WORK REQUIRED BY SUPPLEMENTAL SPECIFICATIONS, STANDARD SERIALS, SPECIAL PROVISIONS OR THE STANDARD SPECIFICATIONS.

STANDARD DRAWINGS REQUIRED

- | | |
|----------------------------|--------------------------------------------------------------|
| 451-01-1/2 THRU 451-01-2/2 | PCCP JOINT DETAILS |
| 511-05-1/1 | SLOPE PAVEMENT DETAILS AT BRIDGES |
| 515-02-1/2 THRU 515-02-2/2 | RUNDOWN FLUME TYPE I |
| 515-04-1/2 THRU 515-04-2/2 | RUNDOWN FLUMES TYPE III FOR BRIDGES |
| 515-05-4/4 | CUT OFF WALL WITH RIPRAP RUNDOWN TYPE III FOR ROADSIDE DITCH |
| 543-07-1/4 THRU 543-07-4/4 | METAL RAILING, NM TYPE A42 |
| 562-01-1/3 THRU 562-01-3/3 | BRIDGE JOINT STRIP SEAL |
| 564-01-1/1 | PREFORMED CLOSED CELL FOAM BRIDGE JOINT SEAL |
| 602-01-1/1 | WIRE ENCLOSED RIPRAP CLASS "A" |

SPECIAL PROVISION

SECTION 533-B EMBEDDED GALVANIC ANODES DATED 12/11/2012

ESTIMATED QUANTITIES

ITEM No.	DESCRIPTION	UNIT	BRIDGE No. 6944	TOTAL
511500	SPECIAL SURFACE FINISH	SQ.FT.	6040	6040
512003	HIGH PERFORMANCE CONCRETE (HPD)	CU.YD.	15	15
532000	PENETRATING WATER REPELLENT TREATMENT	SQ.YD.	180	180
532100	PERMANENT ANTI-GRAFFITI PROTECTIVE COATING	SQ.FT.	1790	1790
533000	REPAIR OF CONCRETE STRUCTURES	SQ.YD.	10	10
533001	EMBEDDED GALVANIC ANODES	EA	280	280
535100	CONCRETE SURFACE TREATMENT	SQ.YD.	340	340
537000	POLYESTER CONCRETE BRIDGE DECK OVERLAY	CU.YD.	30	30
540160	EPOXY COATED REINFORCING BARS GRADE 60	LBS.	1213	1213
546000	RECOATING STRUCTURES	LS	1	LS
546200	SP 3 POWER TOOL CLEANING AND PRIMING	SQ.FT.	200	200
546210	SP 11 POWER TOOL CLEANING AND PRIMING	SQ.FT.	100	100
564000	PREFORMED CLOSED CELL FOAM BRIDGE JOINT SEAL	LIN.FT.	170	170



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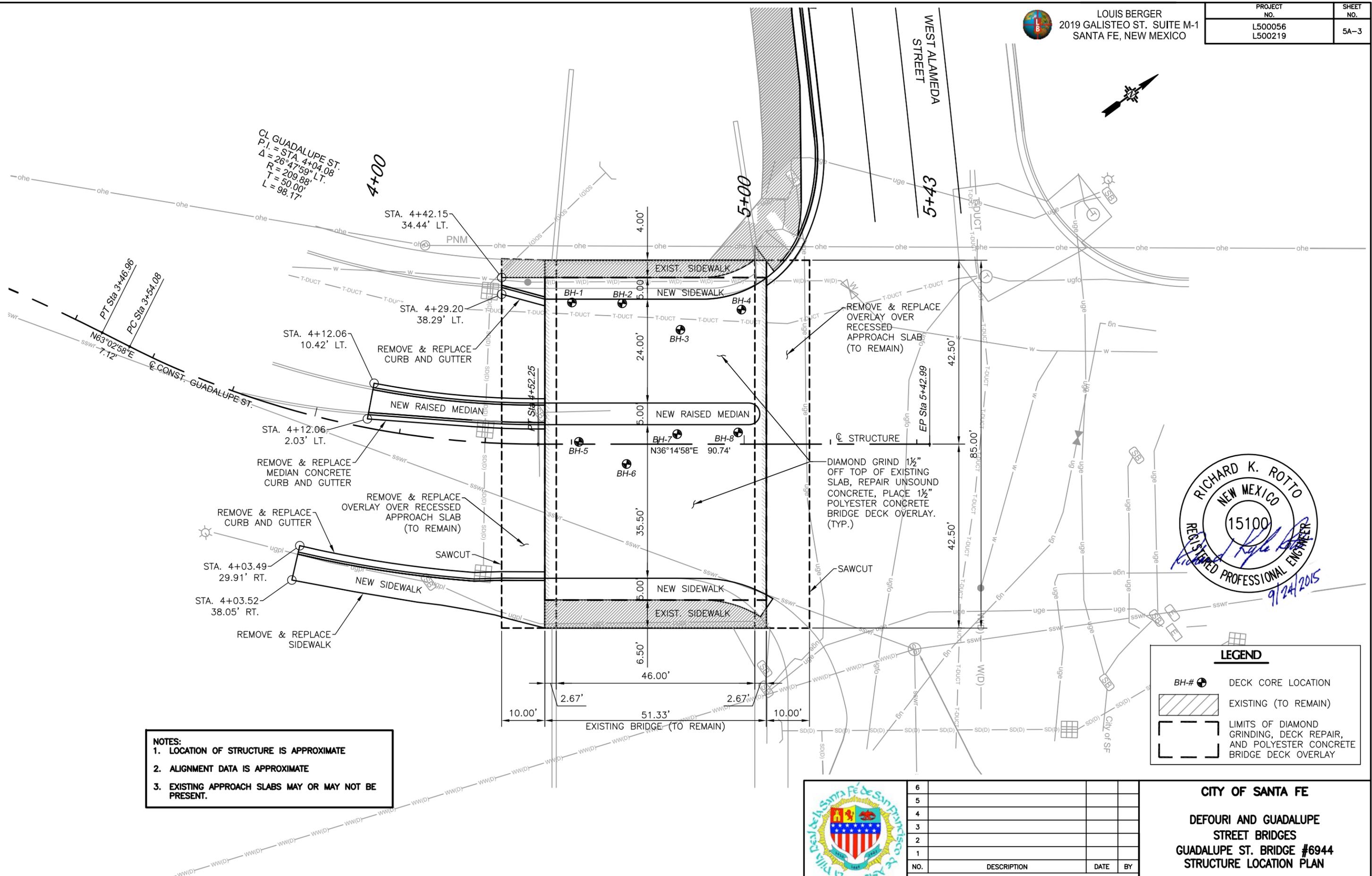
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
GUADALUPE ST. BRIDGE #6944
GENERAL NOTES

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

PROJECT NO.	SHEET NO.
L500056 L500219	5A-3



NOTES:
 1. LOCATION OF STRUCTURE IS APPROXIMATE
 2. ALIGNMENT DATA IS APPROXIMATE
 3. EXISTING APPROACH SLABS MAY OR MAY NOT BE PRESENT.



LEGEND

BH-#	DECK CORE LOCATION
	EXISTING (TO REMAIN)
	LIMITS OF DIAMOND GRINDING, DECK REPAIR, AND POLYESTER CONCRETE BRIDGE DECK OVERLAY

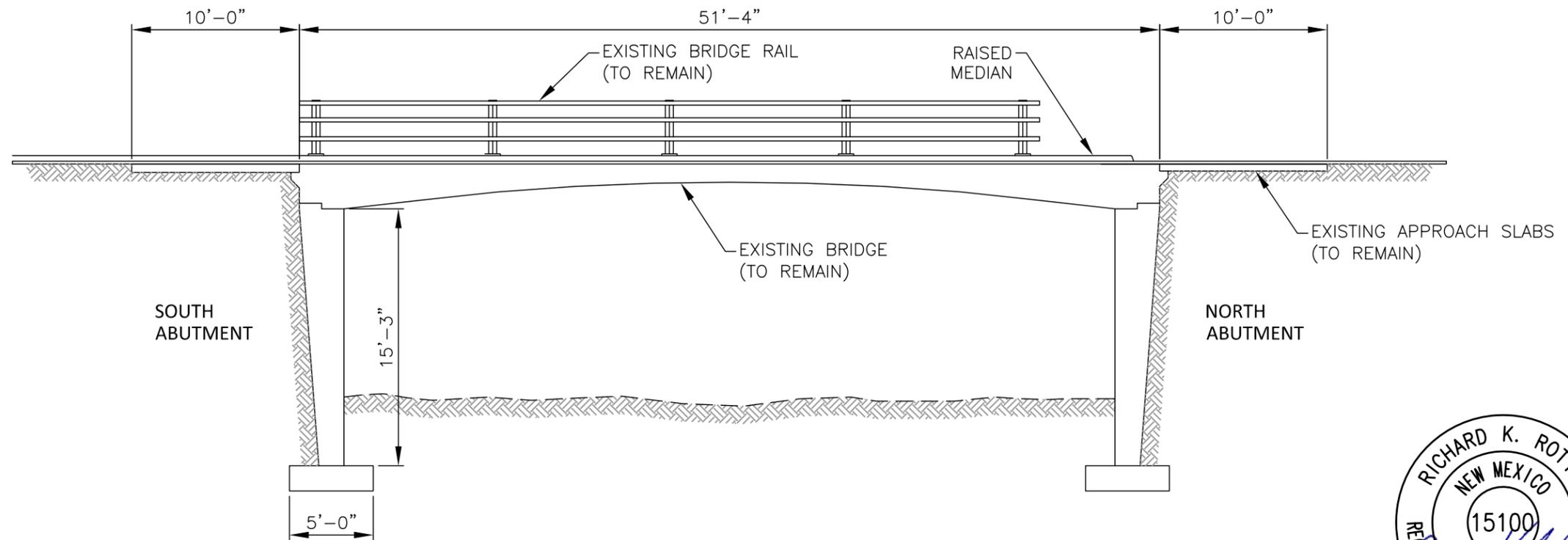
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CITY OF SANTA FE
 DEFOURI AND GUADALUPE
 STREET BRIDGES
 GUADALUPE ST. BRIDGE #6944
 STRUCTURE LOCATION PLAN



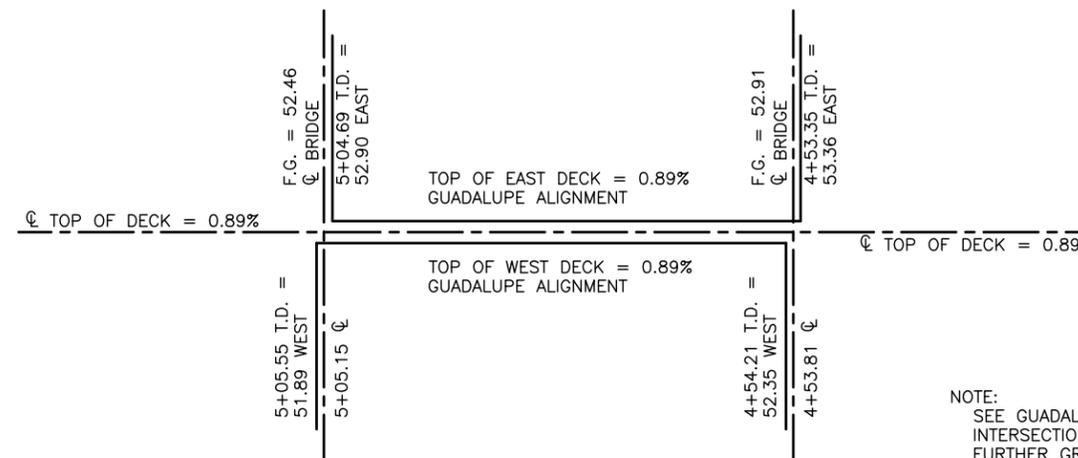
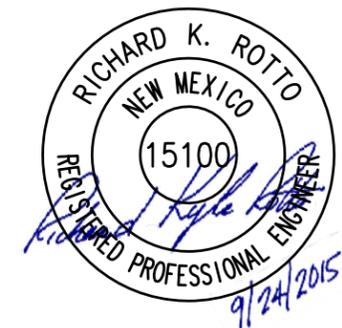
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2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO. L500056 L500219	SHEET NO. 5A-4
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BRIDGE PROFILE ALONG \bar{C} CONSTRUCTION

(BASED ON AS-BUILT INFORMATION)



BRIDGE FINISHED GRADES

(TAKEN FROM AS-BUILT PLANS)

NOTE:
SEE GUADALUPE - ALAMEDA
INTERSECTION GRADING PLAN FOR
FURTHER GRADE CONTROL DATA.

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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

**DEFOURI AND GUADALUPE
STREET BRIDGES
GUADALUPE ST. BRIDGE #6944
BRIDGE PROFILE**

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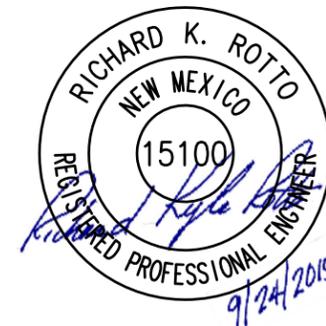
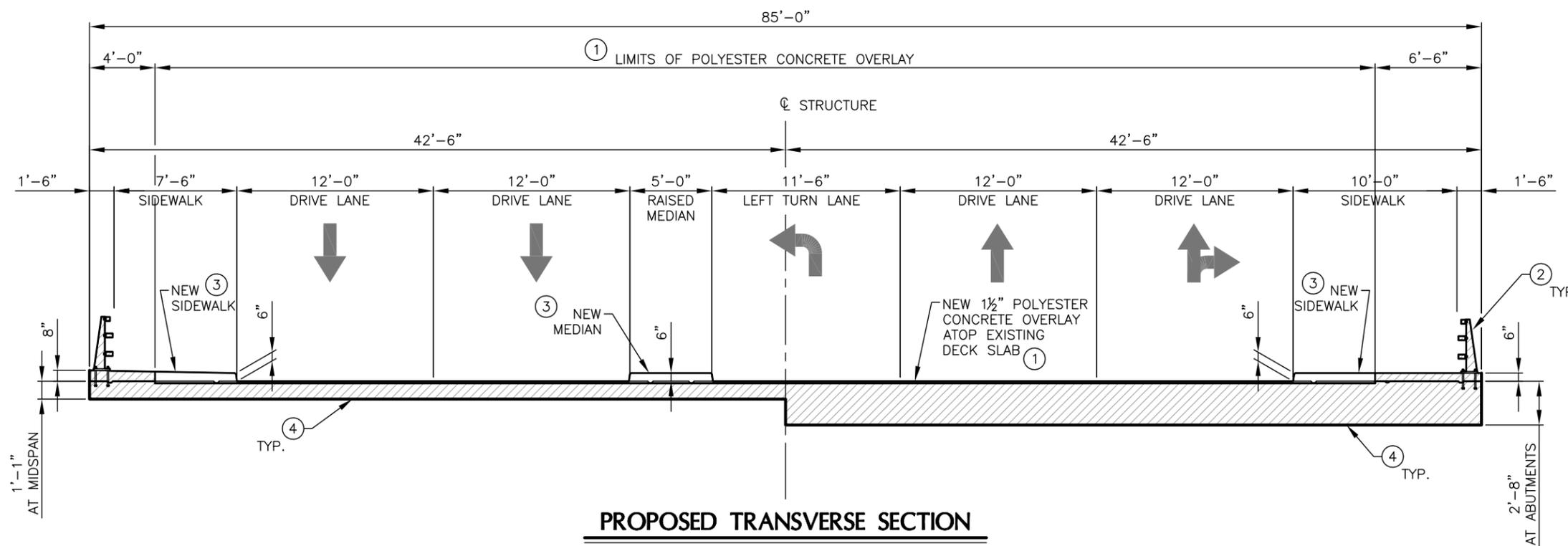
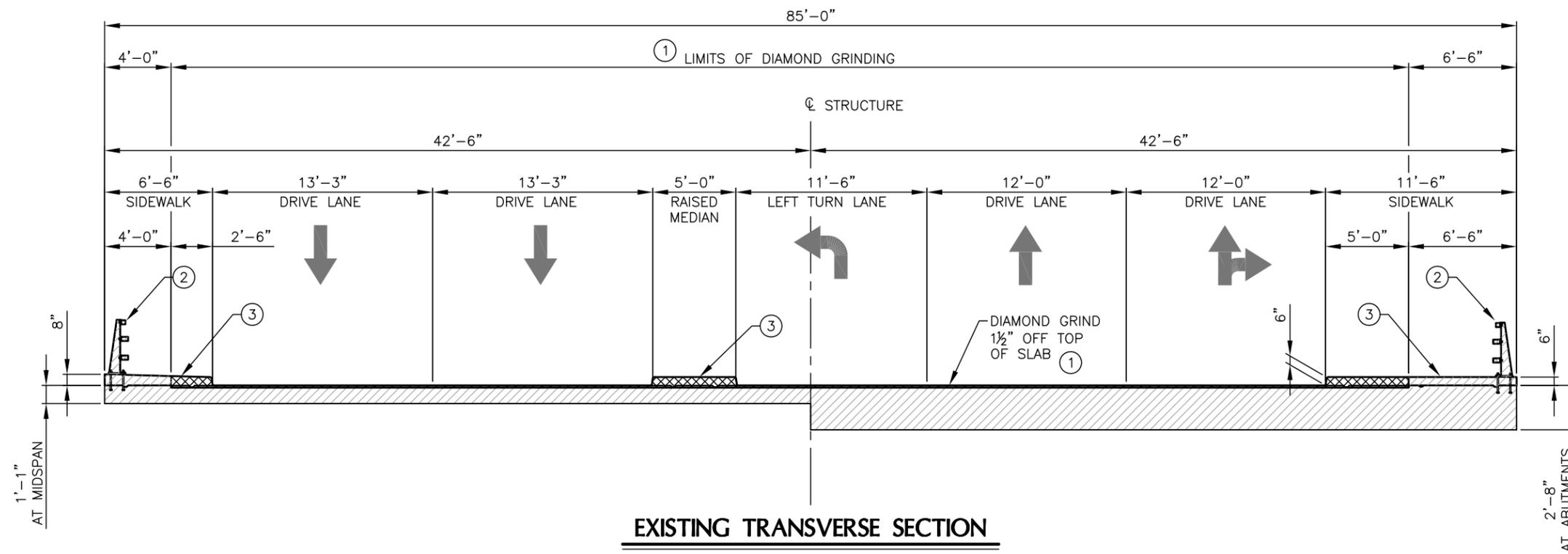


LEGEND

- EXISTING TO REMAIN
- REMOVE AND REPLACE

SUPERSTRUCTURE SCOPE OF WORK

- ① WITH CARE, DIAMOND GRIND BRIDGE DECK 1.5" IN DEPTH PER NOTES XX, XX, AND XX ON SHEET 5-1. SOUND DECK AND REPAIR UNSOUND CONCRETE PER DETAILS ON SHEET 5-XX, AND OVERLAY DECK WITH POLYESTER CONCRETE OVERLAY. SEE SECTION THIS SHEET FOR LIMITS OF DIAMOND GRINDING.
- ② RECOAT EXISTING RAILING TO REMAIN.
- ③ REMOVE AND REPLACE RAISED MEDIAN AND PORTION OF SIDEWALKS.
- ④ APPLY CLASS 4, SPECIAL SURFACE FINISH.



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

GUADALUPE ST. BRIDGE #6944

TRANSVERSE SECTIONS

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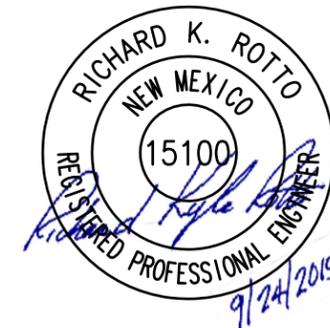
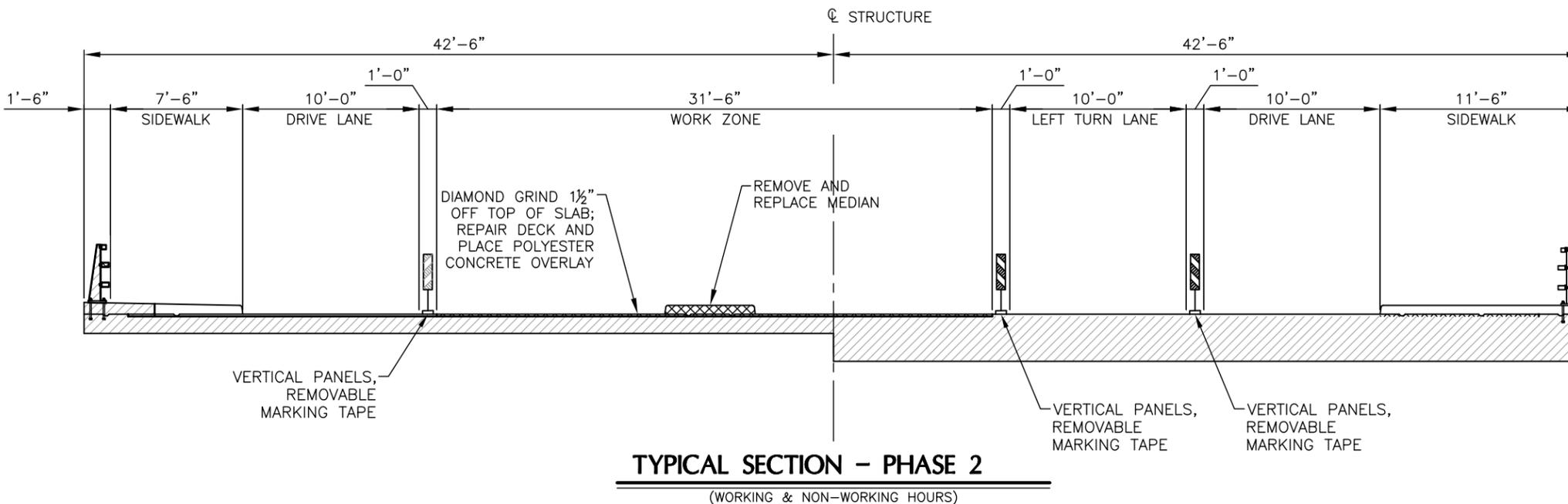
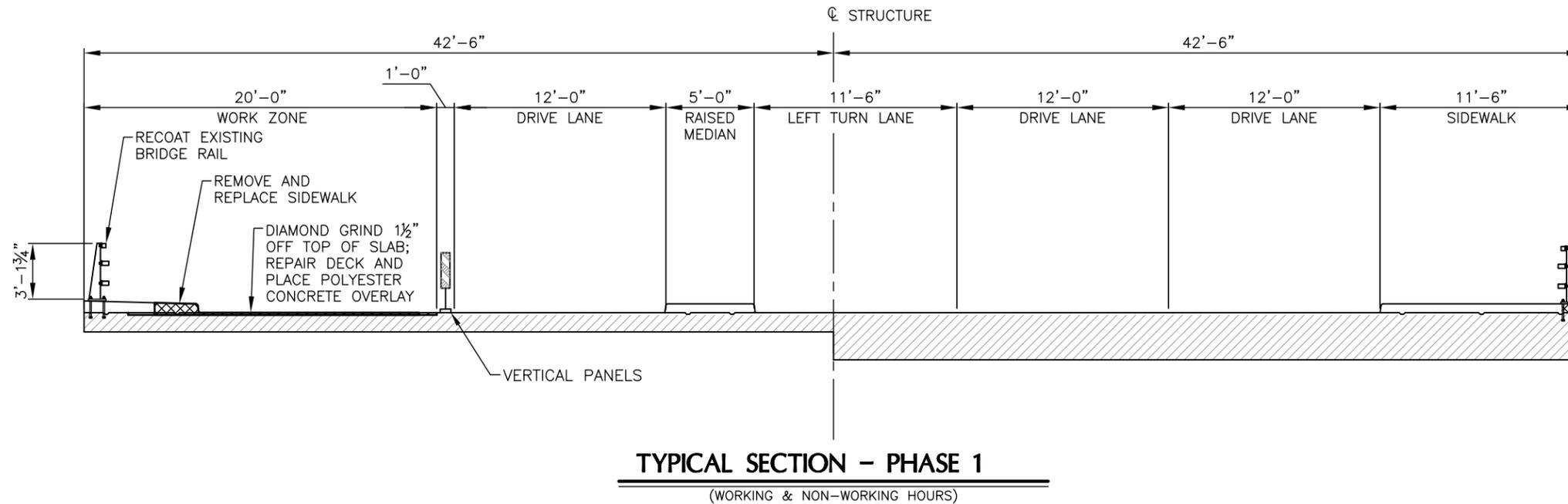


LEGEND

- EXISTING TO REMAIN
- REMOVE AND REPLACE

**SUPERSTRUCTURE
SCOPE OF WORK**

- ① WITH CARE, DIAMOND GRIND BRIDGE DECK 1.5" IN DEPTH PER NOTES XX, XX, AND XX ON SHEET 5-1. SOUND DECK AND REPAIR UNSOUND CONCRETE PER DETAILS ON SHEET 5-XX, AND OVERLAY DECK WITH POLYESTER CONCRETE OVERLAY. SEE SECTION THIS SHEET FOR LIMITS OF DIAMOND GRINDING.
- ③ UNBOLT AND REMOVE EXISTING METAL RAILING. RECOAT AND RESET RAILING ON NEW CONCRETE SIDEWALK.
- ⑦ REMOVE AND REPLACE RAISED MEDIAN AND SIDEWALKS.
- ⑧ APPLY CLASS 4, SPECIAL SURFACE FINISH.



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

**DEFOURI AND GUADALUPE
STREET BRIDGES
GUADALUPE ST. BRIDGE #6944
SUGGESTED SEQUENCE OF CONSTRUCTION**

File: H:_of_svf\Proj\Projecta\CKE52001 - Defour St. Bridge\00_Plans (Guadalupe)\5_SHEETS\CKE52001 - Guad Deck Section.dwg Date: Oct 08, 2015 - 4:03pm

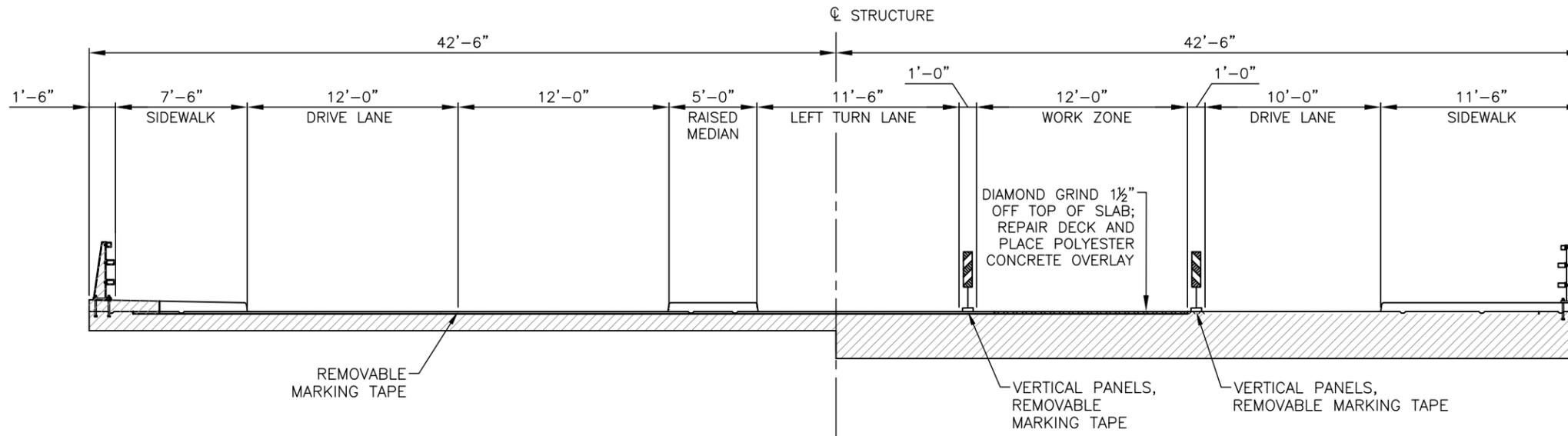


LEGEND

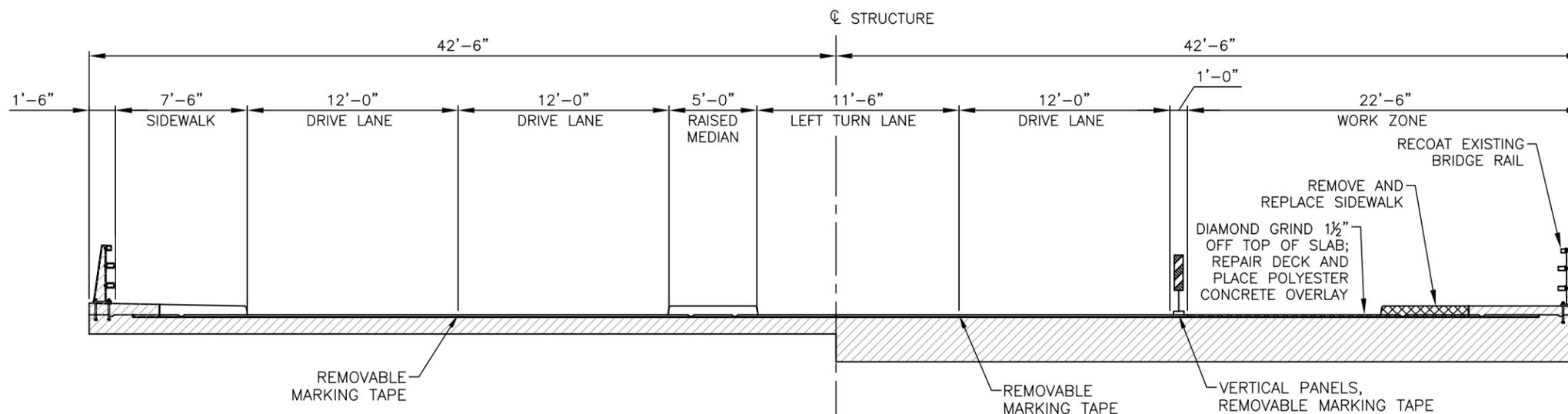
- EXISTING TO REMAIN
- REMOVE AND REPLACE

SUPERSTRUCTURE SCOPE OF WORK

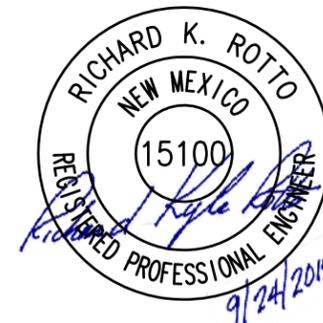
- ① WITH CARE, DIAMOND GRIND BRIDGE DECK 1.5" IN DEPTH PER NOTES XX, XX, AND XX ON SHEET 5-1. SOUND DECK AND REPAIR UNSOUND CONCRETE PER DETAILS ON SHEET 5-XX, AND OVERLAY DECK WITH POLYESTER CONCRETE OVERLAY. SEE SECTION THIS SHEET FOR LIMITS OF DIAMOND GRINDING.
- ③ UNBOLT AND REMOVE EXISTING METAL RAILING. RECOAT AND RESET RAILING ON NEW CONCRETE SIDEWALK.
- ⑦ REMOVE AND REPLACE RAISED MEDIAN AND SIDEWALKS.
- ⑧ APPLY CLASS 4, SPECIAL SURFACE FINISH.



TYPICAL SECTION - PHASE 3A
(WORKING & NON-WORKING HOURS)



TYPICAL SECTION - PHASE 3B
(WORKING & NON-WORKING HOURS)

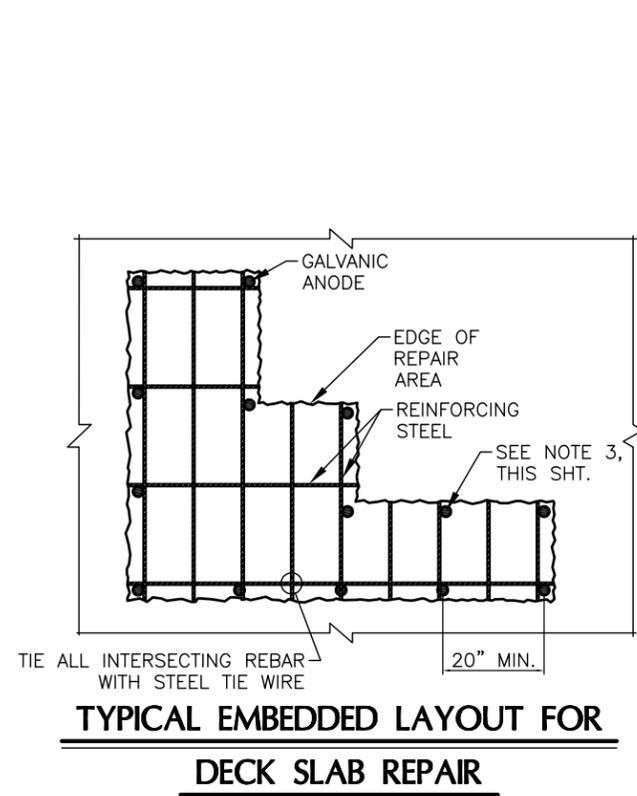


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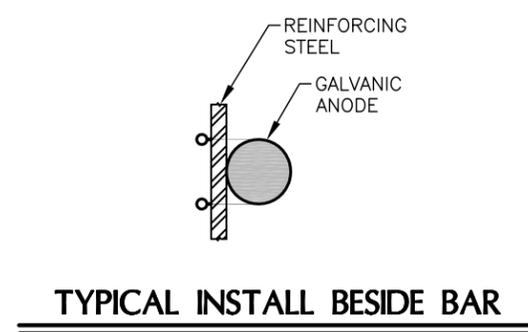
REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
GUADALUPE ST. BRIDGE #6944
SUGGESTED SEQUENCE OF CONSTRUCTION

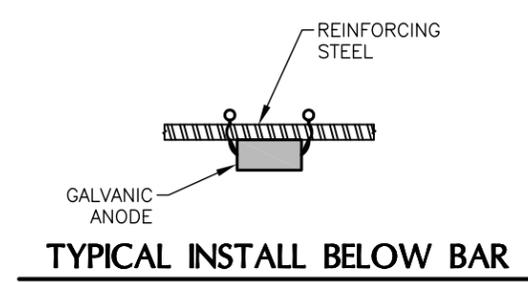
File: H:_of_snt\Proj\Projecta\CKE52001 - Defouri St. Bridge\00_Plans (Guadalupe)\5_SHEETS\CKE52001 - Guad Deck Section.dwg Date: Oct 08, 2015 - 4:04pm



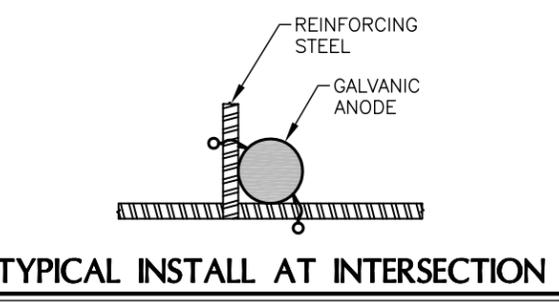
TYPICAL EMBEDDED LAYOUT FOR DECK SLAB REPAIR



TYPICAL INSTALL BESIDE BAR



TYPICAL INSTALL BELOW BAR

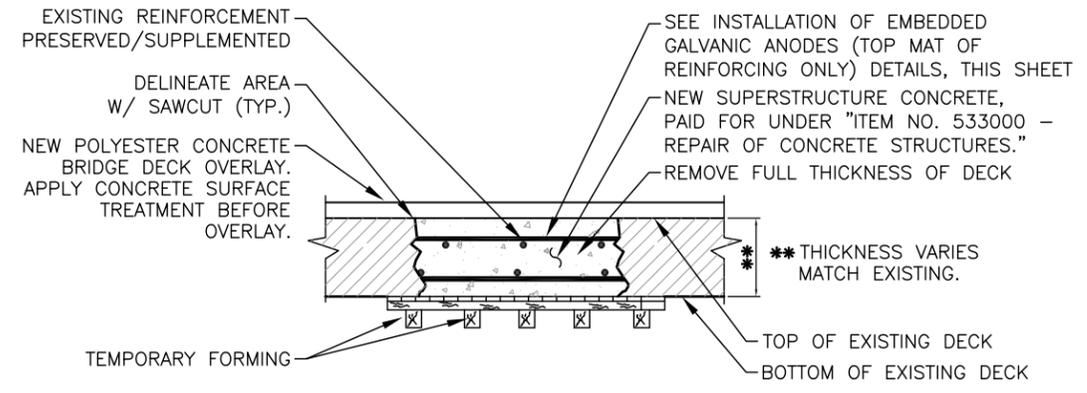


TYPICAL INSTALL AT INTERSECTION

EMBEDDED GALVANIC ANODE INSTALLATION DETAILS

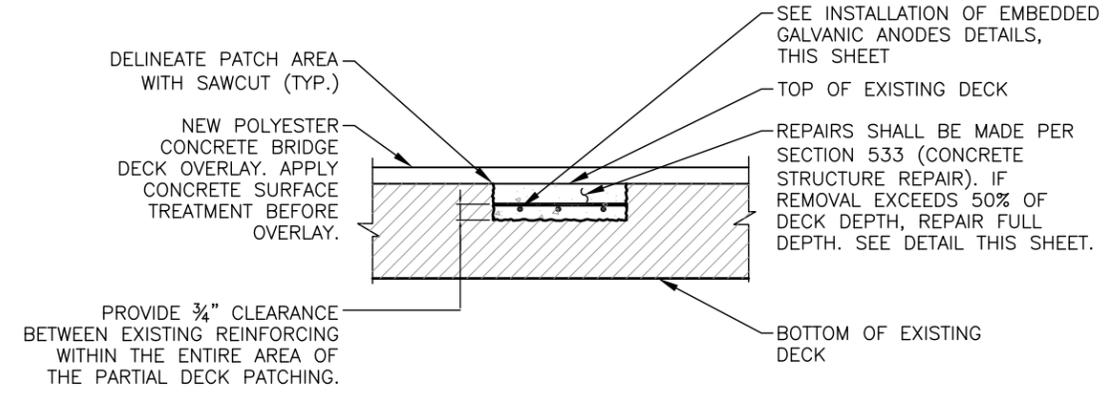
NOTES:

1. AREAS OF UNSOUND AND DELAMINATED DECK CONCRETE SHALL BE SOUNDED MARKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE PROJECT MANAGER.
2. SAWCUT DEPTH SHALL BE SET TO PREVENT DAMAGE TO DECK REBAR. ANY REBAR DAMAGED OR CUT SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE.
3. INSTALL GALVANIC ANODE UNITS IMMEDIATELY FOLLOWING PREPARATION AND CLEANING OF THE STEEL REINFORCEMENT. GALVANIC ANODES SHALL BE INSTALLED ALONG THE PERIMETER OF THE REPAIR AT A MAXIMUM SPACING OF 20 INCHES. PLACE THE GALVANIC ANODES AS CLOSE AS POSSIBLE TO THE PATCH EDGE WHILE PROVIDING SUFFICIENT CLEARANCE BETWEEN ANODES AND SUBSTRATE TO ALLOW REPAIR MATERIAL TO ENCASE ANODE. FOR FULL DEPTH DECK REPAIRS, THE GALVANIC ANODES SHALL BE INSTALLED ON BOTH THE TOP AND BOTTOM MATS OF REINFORCING. GALVANIC ANODES SHALL BE INSTALLED PER SECTION 533-B EMBEDDED GALVANIC ANODES.



FULL DEPTH REPAIR / REPLACEMENT

TYPICAL DETAIL WHERE NECESSARY
SEE NOTES 1 AND 2



PARTIAL DEPTH DECK PATCHING

TYPICAL DETAIL WHERE NECESSARY
SEE NOTES 1 AND 2

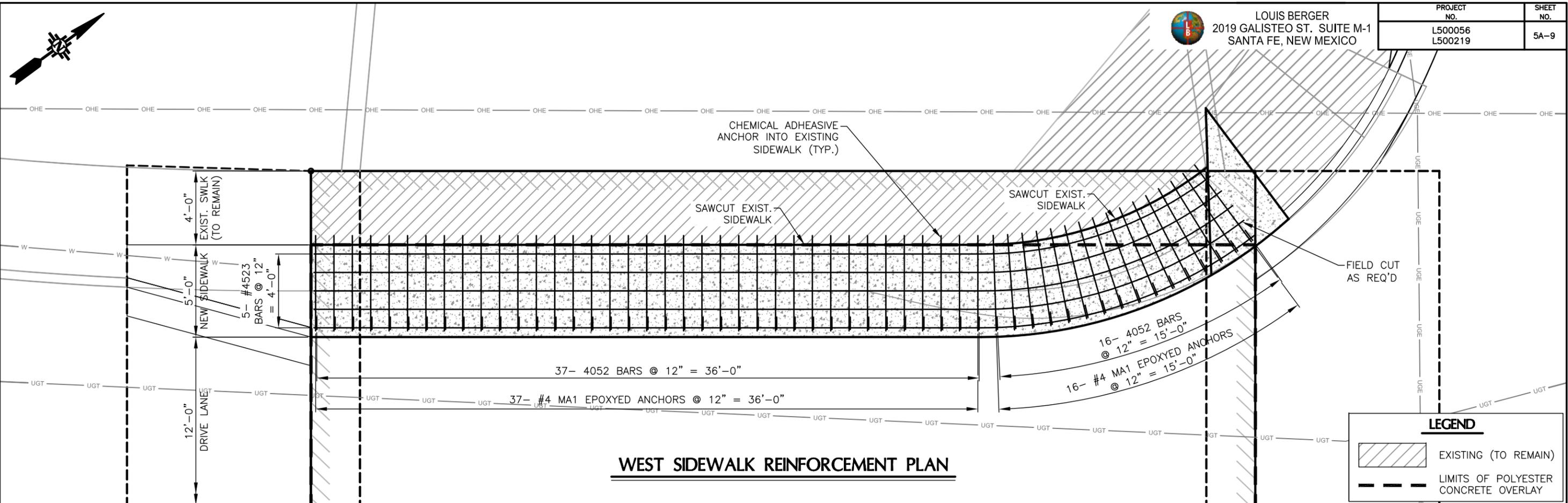


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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
GUADALUPE ST. BRIDGE #6944
DECK REPAIR DETAILS

File: H:_of_... \Projects\CKE52001 - Defouri St. Bridge\00_Plans (Guadalupe)\5_SHEETS\CKE52001 - Guad Deck Repair Details.dwg Date: Oct 08, 2015 4:04pm



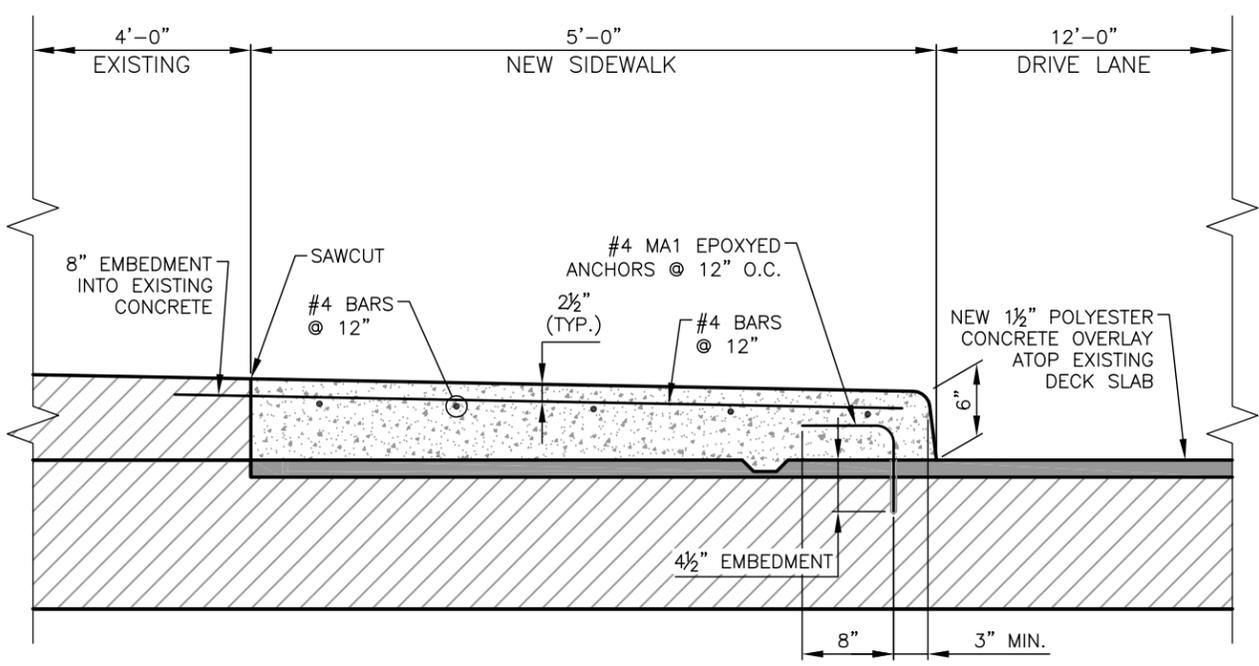
WEST SIDEWALK REINFORCEMENT PLAN

LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	5A-9

LEGEND

	EXISTING (TO REMAIN)
	LIMITS OF POLYESTER CONCRETE OVERLAY



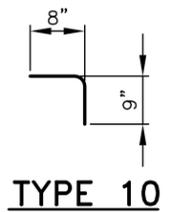
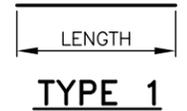
WEST SIDEWALK SECTION

REINFORCEMENT SCHEDULE

MARK	SIZE	TYPE	LENGTH	NO. REQ'D.	REMARKS
WEST SIDEWALK					
#4523	#4	1E	52'-3"	5	
#4052	#4	1E	5'-2"	53	
#4MA1	#4	10E	1'-5"	53	

BAR BENDING DIAGRAM

BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.



NOTES:

1. CONCRETE TO BE CLASS HPD.
2. EPOXY ANCHOR SYSTEM SHALL COMPLY WITH "SECTION 522 - CONCRETE CHEMICAL ANCHORS".
3. CARE SHALL BE USED WHEN REMOVING EXISTING MEDIAN. SEE GENERAL NOTE #7.



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

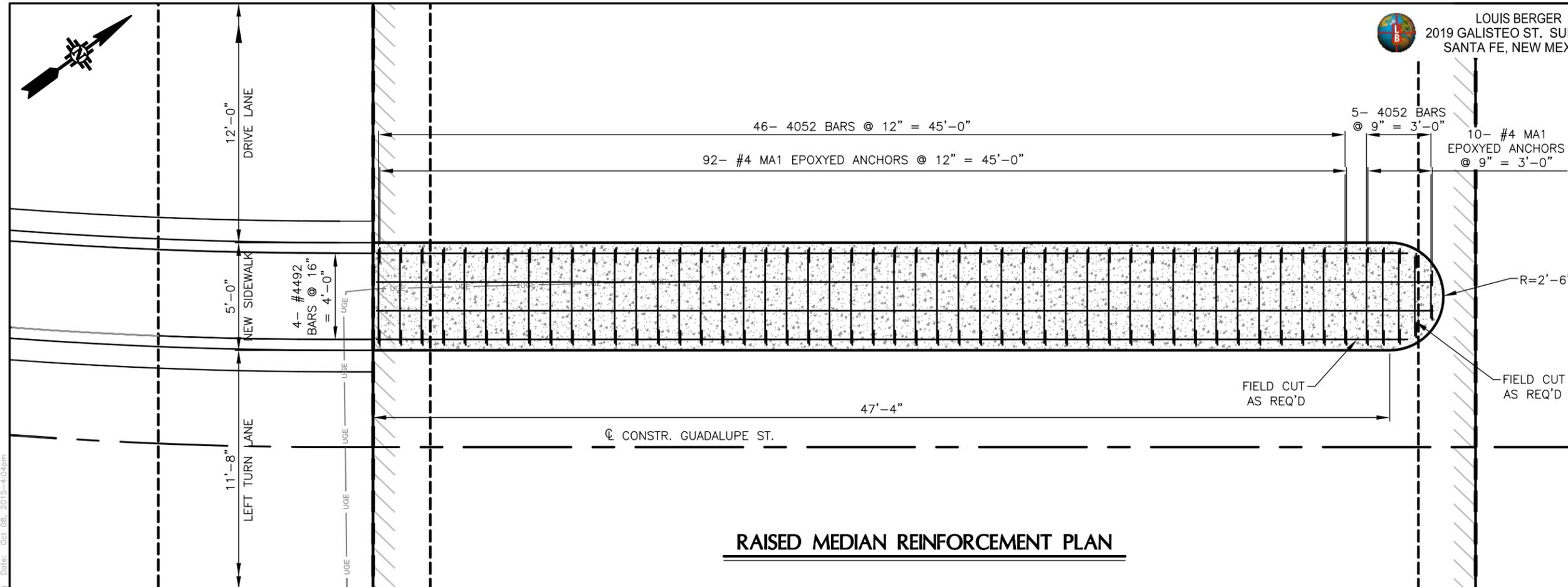
GUADALUPE ST. BRIDGE #6944

WEST SIDEWALK REINFORCEMENT



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO. L500056 L500219	SHEET NO. 5A-10
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RAISED MEDIAN REINFORCEMENT PLAN

LEGEND

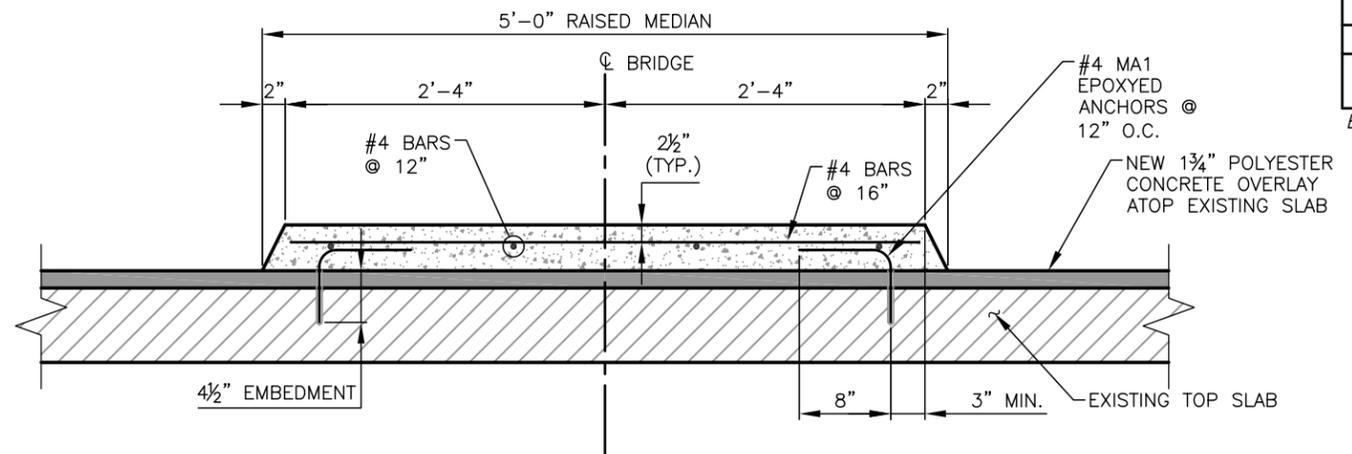
	EXISTING (TO REMAIN)
	LIMITS OF POLYESTER CONCRETE OVERLAY

REINFORCEMENT SCHEDULE

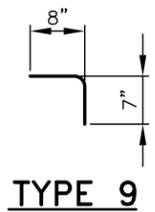
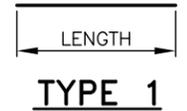
MARK	SIZE	TYPE	LENGTH	NO. REQ'D.	REMARKS
RAISED MEDIAN					
#4492	#4	1E	49'-2"	4	
#4052	#4	1E	5'-2"	51	
#4MA1	#4	9E	1'-3"	102	

BAR BENDING DIAGRAM

BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.



RAISED MEDIAN SECTION



NOTES:

1. CONCRETE TO BE CLASS HPD.
2. EPOXY ANCHOR SYSTEM SHALL COMPLY WITH "SECTION 522 - CONCRETE CHEMICAL ANCHORS".
3. CARE SHALL BE USED WHEN REMOVING EXISTING MEDIAN. SEE GENERAL NOTE #5.

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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

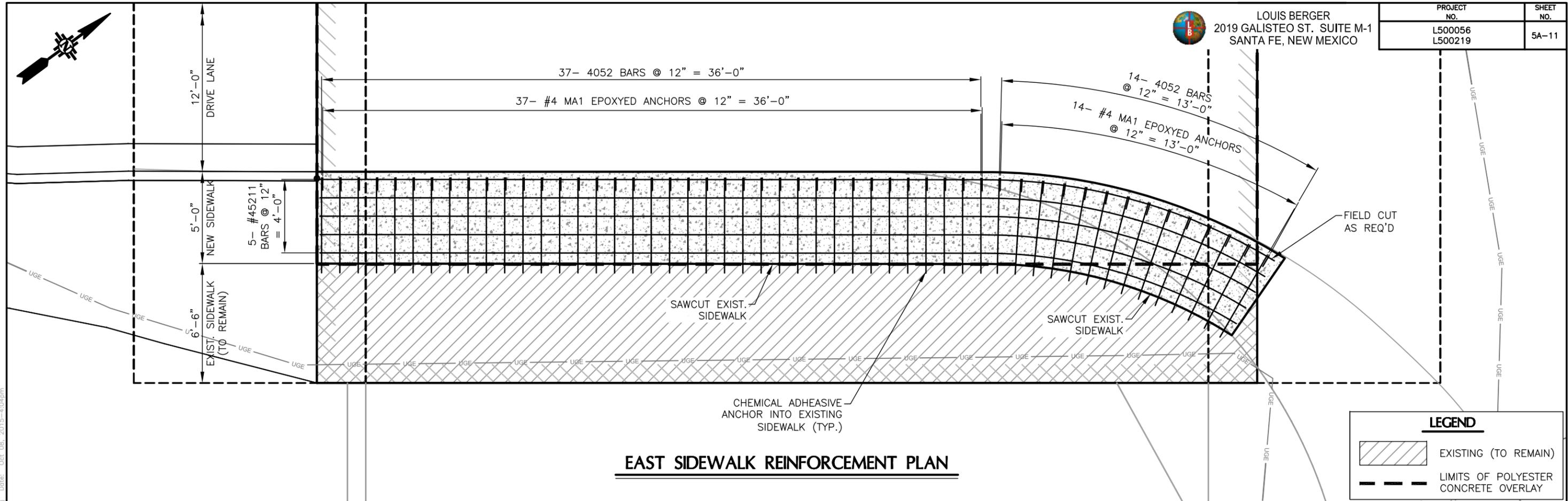
GUADALUPE ST. BRIDGE #6944

RAISED MEDIAN REINFORCEMENT



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

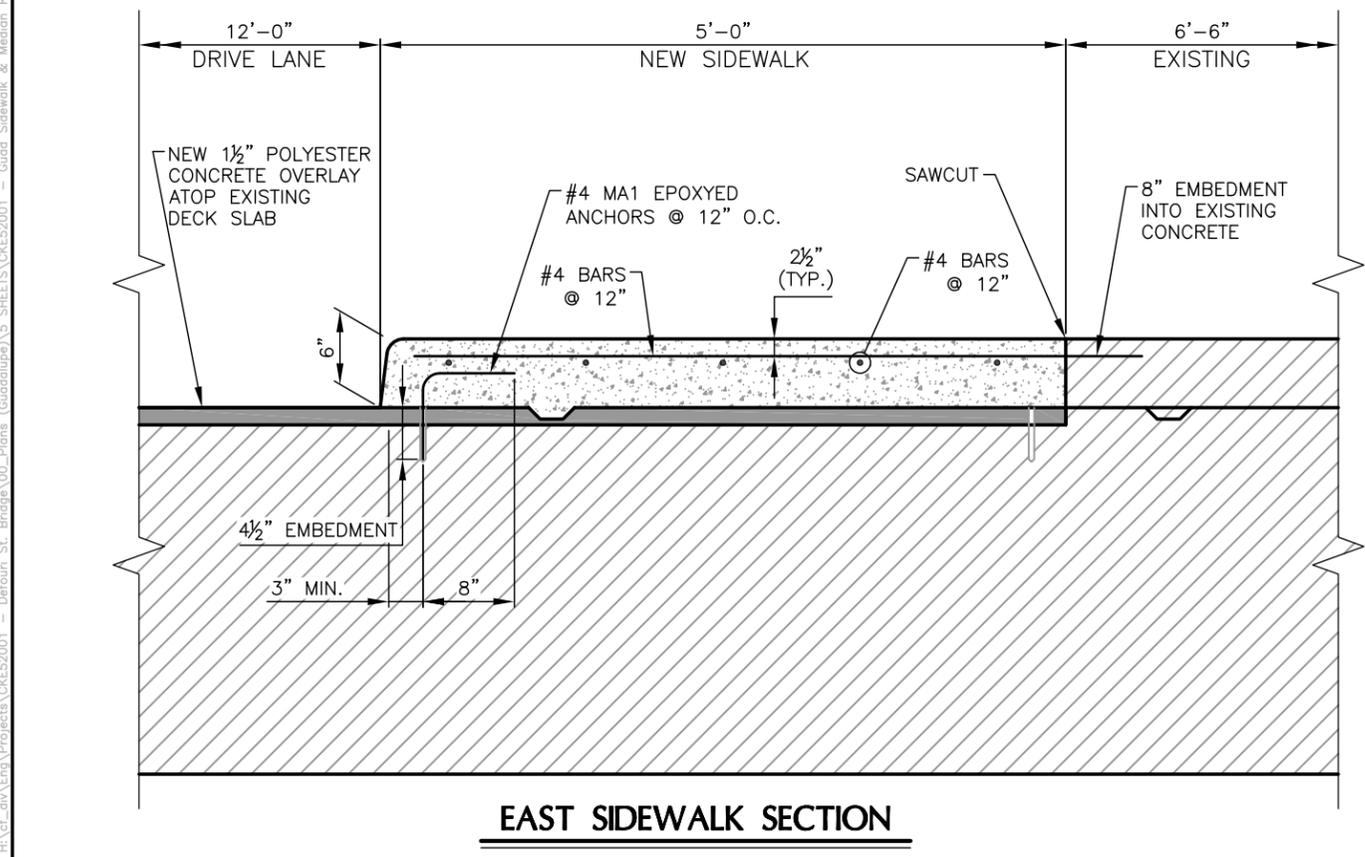
PROJECT NO.	SHEET NO.
L500056 L500219	5A-11



EAST SIDEWALK REINFORCEMENT PLAN

LEGEND

	EXISTING (TO REMAIN)
	LIMITS OF POLYESTER CONCRETE OVERLAY



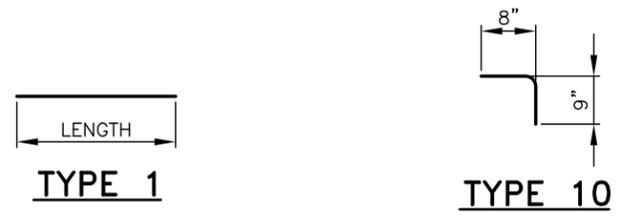
EAST SIDEWALK SECTION

REINFORCEMENT SCHEDULE

MARK	SIZE	TYPE	LENGTH	NO. REQ'D.	REMARKS
EAST SIDEWALK					
#45211	#4	1E	52'-11"	5	
#4052	#4	1E	5'-2"	51	
#4MA1	#4	10E	1'-5"	51	

BAR BENDING DIAGRAM

BAR TYPES WITH AN "E" DENOTE EPOXY COATED BARS.



NOTES:

- CONCRETE TO BE CLASS HPD.
- EPOXY ANCHOR SYSTEM SHALL COMPLY WITH "SECTION 522 - CONCRETE CHEMICAL ANCHORS".
- CARE SHALL BE USED WHEN REMOVING EXISTING MEDIAN. SEE GENERAL NOTE #5.



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

GUADALUPE ST. BRIDGE #6944

EAST SIDEWALK REINFORCEMENT



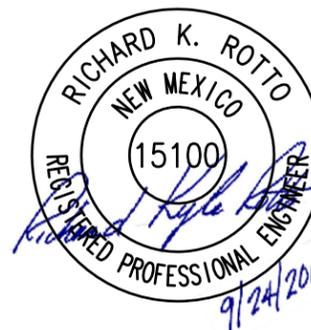
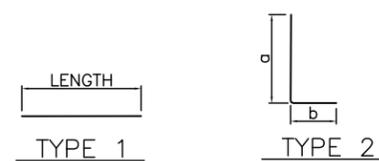
LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	5A-12

REINFORCING BARS

WEST SIDEWALK REINF. (EPOXY COATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#4523	4	1E	52'-3"	5	WEST SIDEWALK LONGIT.
#4052	4	1E	5'-2"	53	WEST SIDEWALK TRANSV.
#4MA1	4	2E	1'-5"	53	WEST SIDEWALK DOWELS
MEDIAN SIDEWALK REINF. (EPOXY COATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#4492	4	1E	49'-2"	4	MEDIAN SIDEWALK LONGIT.
#4052	4	1E	5'-2"	51	MEDIAN SIDEWALK TRANSV.
#4MA1	4	2E	1'-5"	102	MEDIAN SIDEWALK DOWELS
EAST SIDEWALK REINF. (EPOXY COATED)					
MARK	SIZE	TYPE	LENGTH	NO. REQ'D	REMARKS
#45211	4	1E	52'-11"	5	WEST SIDEWALK LONGIT.
#4052	4	1E	5'-2"	51	WEST SIDEWALK TRANSV.
#4MA1	4	2E	1'-5"	51	WEST SIDEWALK DOWELS

BAR BENDING DIAGRAM



NOTES:

- BENDING DIMENSIONS ARE FROM OUT TO OUT OF BARS.
- "E" NEXT TO BAR TYPE IN SCHEDULE DENOTES EPOXY COATED BARS.

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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
GUADALUPE ST. BRIDGE #6944
REINFORCING BAR SCHEDULE

File: H:\of_siv\Eng\Projects\CKE52001 - Defour St. Bridge\00_Plans (Guadalupe)\5_SHEETS\CKE52001 - Guad Bar Schedule.dwg Date: Oct 08, 2015 - 4:04pm

SUGGESTED SEQUENCE OF CONSTRUCTION



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	6-1

DEFOURI ST. BRIDGE

PHASE 1:

1. INSTALL SIGNING AT BOP AND EOP.
2. INSTALL PHASE 1 SIGNING AND WORK ZONE PROTECTION DEVICES.
3. CLOSE DEFOURI STREET FROM ABOUT STA 10+50 TO STA 11+40.
4. MAINTAIN TRAFFIC ON W ALAMEDA STREET, ALTO STREET AND DEFOURI STREET SOUTH OF ALTO STREET.
5. CONSTRUCT BRIDGE ALONG DEFOURI STREET FROM ABOUT STA 10+70 TO STA 11+35.
6. CONSTRUCT CURB AND GUTTER ALONG SOUTHSIDE OF W ALAMEDA STREET FROM APPROXIMATELY 165 FEET WEST OF THE CENTERLINE OF DEFOURI STREET TO APPROXIMATELY 490 FEET EAST OF THE CENTERLINE OF DEFOURI STREET.
7. CONSTRUCT SIDEWALK ALONG SOUTHSIDE OF W ALAMEDA STREET FROM APPROXIMATELY 270 FEET WEST OF THE CENTERLINE OF DEFOURI STREET TO APPROXIMATELY 490 FEET EAST OF THE CENTERLINE OF DEFOURI STREET.
8. CONSTRUCT CURB, GUTTER, AND SIDEWALK ALONG THE NORTHSIDE OF ALTO STREET FROM APPROXIMATELY 45 FEET WEST OF THE CENTERLINE OF DEFOURI STREET TO APPROXIMATELY 50 FEET EAST OF THE CENTERLINE OF DEFOURI STREET.
9. OPEN DEFOURI STREET FROM ABOUT STA 10+50 TO STA 11+40.
10. REMOVE PHASE 1 SIGNING AND WORK ZONE PROTECTION DEVICES.

PHASE 2:

1. INSTALL PHASE 2 SIGNING AND WORK ZONE PROTECTION DEVICES.
2. MAINTAIN TRAFFIC ON W ALAMEDA STREET, ALTO STREET, AND DEFOURI STREET.
3. CONSTRUCT CURB, GUTTER, AND SIDEWALK ALONG THE NORTHSIDE OF W ALAMEDA STREET FROM APPROXIMATELY 120 FEET WEST OF THE CENTERLINE OF DEFOURI STREET TO APPROXIMATELY 90 FEET EAST OF THE CENTERLINE OF DEFOURI STREET.
4. CONSTRUCT CURB AND GUTTER ALONG WATER STREET NORTH OF W ALAMEDA STREET.
5. REMOVE PHASE 2 SIGNING AND WORK ZONE PROTECTION DEVICES.

PHASE 3A:

1. INSTALL PHASE 3A SIGNING AND WORK ZONE PROTECTION DEVICES.
2. MAINTAIN TRAFFIC ON W ALAMEDA STREET, ALTO STREET, AND DEFOURI STREET.
3. CONSTRUCT CURB, GUTTER AND SIDEWALK ON THE SOUTHEAST CORNER OF ALTO STREET AND DEFOURI STREET.
4. CONSTRUCT INLET, MANHOLE AND PIPE CONNECTION AT STA 9+68.
5. REMOVE PHASE 3A SIGNING AND WORK ZONE PROTECTION DEVICES.

PHASE 3B:

1. INSTALL PHASE 3B SIGNING AND WORK ZONE PROTECTION DEVICES.
2. MAINTAIN TRAFFIC ON W ALAMEDA STREET, ALTO STREET, AND DEFOURI STREET.
3. CONSTRUCT CURB, GUTTER AND SIDEWALK ON THE SOUTHWEST CORNER OF ALTO STREET AND DEFOURI STREET.
4. REMOVE PHASE 3B SIGNING AND WORK ZONE PROTECTION DEVICES.

PHASE 3C:

1. INSTALL PHASE 3C SIGNING AND WORK ZONE PROTECTION DEVICES.
2. CLOSE THE INTERSECTION OF DEFOURI STREET AT ALTO STREET.
3. MAINTAIN TRAFFIC ON W ALAMEDA STREET.
4. RECONSTRUCT PAVEMENT AT THE INTERSECTION OF DEFOURI STREET AND ALTO STREET.
(SEE NOTES ON SHT 6-10 OF PLANS)
5. REMOVE PHASE 3C SIGNING AND WORK ZONE PROTECTION DEVICES.
6. OPEN NEW INTERSECTION OF DEFOURI STREET AND ALTO STREET.

GUADALUPE ST. BRIDGE

PHASE 1:

1. INSTALL SIGNING AT BOP AND EOP.
2. INSTALL PHASE 1 SIGNING AND WORK ZONE PROTECTION DEVICES.
3. CLOSE SOUTHBOUND OUTSIDE LANE ON THE GUADALUPE STREET ON BRIDGE.
4. MAINTAIN TRAFFIC ON W ALAMEDA STREET AND GUADALUPE STREET.
5. SAWCUT AND REMOVE APPROXIMATELY 2'-6" SIDEWALK, CURBS AND GUTTER IN THE WESTSIDE WORKZONE.
6. DIAMOND GRIND EXISTING DECK, REPAIR UNSOUND CONCRETE REMAINING.
7. PLACE THE POLYESTER CONCRETE OVERLAY AND FILLING DECK REPAIR AREAS.
8. CONSTRUCT NEW PORTIONS OF THE SIDEWALK, CURBS AND GUTTER.
9. OPEN THE SOUTHBOUND OUTSIDE LANE ON THE GUADALUPE STREET BRIDGE.
10. REMOVE PHASE 1 SIGNING AND WORK ZONE PROTECTION DEVICES.

PHASE 2:

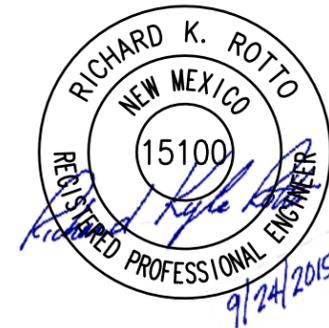
1. INSTALL PHASE 2 SIGNING AND WORK ZONE PROTECTION DEVICES.
2. CLOSE THE INSIDE LANES AND MEDIAN OF THE GUADALUPE STREET BRIDGE AND THE EASTBOUND RIGHT TURN LANE ON WEST ALAMEDA STREET.
3. MAINTAIN TRAFFIC ON THE OUTSIDE LANES OF THE GUADALUPE STREET BRIDGE AND ON W ALAMEDA STREET.
4. SAWCUT AND REMOVE APPROXIMATELY 5'-0" OF RAISED CONCRETE, CURBS AND GUTTER IN THE MEDIAN OF GUADALUPE STREET.
5. DIAMOND GRIND EXISTING DECK, REPAIR UNSOUND CONCRETE REMAINING.
6. PLACE THE POLYESTER CONCRETE OVERLAY AND FILLING DECK REPAIR AREAS.
7. CONSTRUCT NEW PORTIONS OF THE RAISED MEDIAN, CURBS AND GUTTER.
8. OPEN THE INSIDE LANES ON THE GUADALUPE STREET BRIDGE.
9. REMOVE PHASE 2 SIGNING AND WORK ZONE PROTECTION DEVICES.

PHASE 3A:

1. INSTALL PHASE 3A SIGNING AND WORK ZONE PROTECTION DEVICES.
2. CLOSE THE NORTHBOUND INSIDE THROUGH LANE ON THE GUADALUPE STREET BRIDGE.
3. MAINTAIN TRAFFIC ON THE GUADALUPE STREET BRIDGE AND ON W ALAMEDA STREET.
4. DIAMOND GRIND EXISTING DECK, REPAIR UNSOUND CONCRETE REMAINING.
5. PLACE THE POLYESTER CONCRETE OVERLAY AND FILLING DECK REPAIR AREAS.
6. OPEN THE NORTHBOUND INSIDE THROUGH LANE ON THE GUADALUPE STREET BRIDGE.
7. REMOVE PHASE 3A SIGNING AND WORK ZONE PROTECTION DEVICES.

PHASE 3B:

1. INSTALL PHASE 3B SIGNING AND WORK ZONE PROTECTION DEVICES.
2. CLOSE THE NORTHBOUND OUTSIDE LANE ON THE GUADALUPE STREET BRIDGE.
3. MAINTAIN TRAFFIC ON THE GUADALUPE STREET BRIDGE AND ON W ALAMEDA STREET.
4. SAWCUT AND REMOVE APPROXIMATELY 5'-0" SIDEWALK, CURBS AND GUTTER IN THE EASTSIDE WORKZONE.
5. DIAMOND GRIND EXISTING DECK, REPAIR UNSOUND CONCRETE REMAINING.
6. PLACE THE POLYESTER CONCRETE OVERLAY AND FILLING DECK REPAIR AREAS.
7. CONSTRUCT NEW PORTIONS OF THE SIDEWALK, CURBS AND GUTTER.
8. OPEN THE NORTHBOUND OUTSIDE LANE ON THE GUADALUPE STREET BRIDGE.
9. REMOVE PHASE 3B SIGNING AND WORK ZONE PROTECTION DEVICES.



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
TRAFFIC CONTROL
SUGGESTED SEQUENCE OF CONSTRUCTION

File: H:_of_sant\Proj\Projects\CKE52001 - Defouri St. Bridge\00_Plans\6_Sheets\6-1_Defouri_TC_Sequence.dwg Date: Oct 08, 2015 4:04pm

TRAFFIC NOTES:



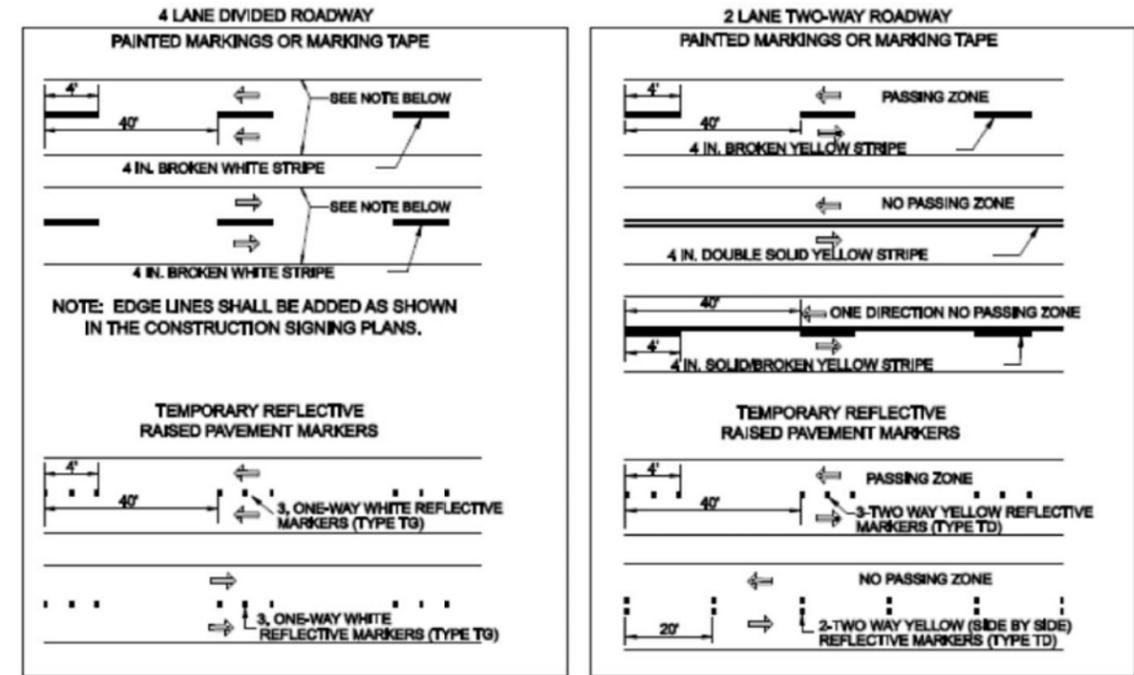
LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO. L500056 L500219	SHEET NO. 6-2
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1. THE CONTRACTOR SHALL USE TYPE VIII OR IX DIAMOND GRADE SHEETING A ON ALL CONSTRUCTION SIGNS.
2. **RESPONSIBLE PARTY:** THE CONTRACTOR SHALL HAVE A CERTIFIED TRAFFIC CONTROL SUPERVISOR ON-SITE DURING WORKING HOURS AND ON CALL DURING NON WORKING HOURS TO INSPECT AND MAINTAIN PROJECT TRAFFIC CONTROL, OR AS DIRECTED BY THE PROJECT MANAGER.
3. **MUTCD:** THE CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS LISTED IN THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC DEVICES (MUTCD).
4. **DEVICE REQUIREMENTS:** ALL DEVICES SHALL ADHERE TO THE REQUIREMENTS OF SECTION 702 - TRAFFIC CONTROL DEVICES FOR CONSTRUCTION, IN THE 2014 EDITION OF THE NMDOT SPECIFICATIONS BOOK.
5. **CONSTRUCTION SIGNING:** ALL CONSTRUCTION SIGNING SHALL BE BLACK ON REFLECTIVE ORANGE UNLESS OTHERWISE SPECIFIED. ALL CONSTRUCTION BARRICADES AND CHANNELIZATION DEVICES SHALL BE ORANGE ON WHITE REFLECTORIZED UNLESS OTHERWISE SPECIFIED.
6. **REMOVING/COVERING OF SIGNS:** ALL NON-APPLICABLE SIGNING, WITHIN OR IN ADVANCE OF THE WORK ZONE, SHALL BE REMOVED OR COVERED COMPLETELY WITH AN OPAQUE NON-LIGHT TRANSMITTING MATERIAL. ALL REMAINING, NON-APPLICABLE TRAFFIC CONTROL DEVICES ARE TO BE REMOVED AND STORED AT LOCATIONS DESIGNATED BY THE PROJECT MANAGER.
7. **CLEANING OF SIGNS:** ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT CLEAN THROUGHOUT THE DURATION OF CONSTRUCTION. ANY SIGN THAT IS TAGGED BY GRAFFITI SHALL BE CLEANED WITHIN 24 HOURS OR REMOVED AND REPLACED.
8. **FLAGGING OPERATIONS:** FLAGGING SUPERVISED BY A CERTIFIED TRAFFIC CONTROL SUPERVISOR, SHALL BE PROVIDED AS REQUIRED TO MAINTAIN SAFE ACCESS DURING CONSTRUCTION OR AS DIRECTED BY THE PROJECT MANAGER. FLAGGERS SHALL BE LICENSED AND OPERATIONS IN ACCORDANCE WITH THE MUTCD. THE FLAGGER, APPLICABLE SIGNS AND OTHER RELATED ITEMS SHALL BE INCIDENTAL TO CONSTRUCTION, NO MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE. FLOODLIGHTS SHALL BE PROVIDED TO MARK FLAGGER STATIONS AT NIGHT AS NEEDED.
9. **TRAFFIC CONTROL PLAN CHANGES:** ANY PROPOSED CHANGES TO THE CONSTRUCTION SEQUENCE AND/OR TRAFFIC CONTROL PLAN MUST BE SUBMITTED BY THE CONTRACTOR TO THE PROJECT MANAGER FOR APPROVAL. NO PAYMENT WILL BE MADE FOR ANY ADDITIONAL COST RESULTING FROM CHANGES TO THE CONSTRUCTION SEQUENCE OR TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A LETTER OF JUSTIFICATION FOR THE CHANGES WITH THE FOLLOWING ITEMS INCLUDED:
 - a. A REVISED TRAFFIC CONTROL PLAN INCLUDING A SUMMARY OF QUANTITIES AND A COST ESTIMATE.
 - b. THE REVISED TRAFFIC CONTROL PLAN SHALL BE DRAFTED ON 11 X 17 PAPER AND SEALED BY A LICENSED ENGINEER. THE SUBMITTAL PAPER SHALL MEET CURRENT DRAFTING STANDARDS.
 - c. CHANGES TO THE TRAFFIC CONTROL PLAN MUST BE APPROVED BY THE CITY AT LEAST ONE (1) WEEK IN ADVANCE OF IMPLEMENTING CHANGES TO IN THE FIELD.
10. **PEDESTRIAN ACCESS:** THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC WITHIN THE PROJECT LIMITS DURING CONSTRUCTION. ACCESS MUST BE PROVIDED ALONG ONE OR BOTH SIDES OF CONSTRUCTION AT ALL TIMES. MARKED CROSSINGS MUST BE PROVIDED AT ALL SIGNALIZED INTERSECTIONS. THIS WORK MAY INCLUDE TEMPORARY WALKWAYS, SIGNING, PROTECTION RAILING, AND PLACEMENT OF CONCRETE WALL BARRIER.
11. **BUS SERVICE:** THE CONTRACTOR SHALL CONTACT THE CITY OF SANTA FE TRANSIT DEPARTMENT (JOHN BULHUIS OR CASEY PADILLA: 955-2006) TO COORDINATE THE TEMPORARY REMOVAL OR RELOCATION OF BUS STOPS AS REQUIRED DURING CONSTRUCTION. DETERMINATION FOR REMOVAL OR RELOCATION OF BUS STOPS SHALL BE AT SOLE DISCRETION OF THE CITY OF SANTA FE.
12. **DRAINAGE DURING CONSTRUCTION:** THE CONTRACTOR SHALL PROVIDE FOR ADEQUATE DRAINAGE, FREE OF PONDING, WITHIN THE LIMITS OF THE PROJECT DURING CONSTRUCTION. THIS SHALL INCLUDE ROADWAY AND ANY TEMPORARY FACILITIES, ACCESS ROADS, OR DRIVEWAYS CONSTRUCTED FOR THE PROJECT. THIS WORK, WHICH MAY REQUIRE TEMPORARY DRAINAGE CONSTRUCTION, PUMPING, OR OTHER METHODS; WILL BE CONSIDERED INCIDENTAL TO COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE. DIVERSION OF DRAINAGE ONTO PRIVATE PROPERTY WILL NOT BE PERMITTED.
13. **ACCESS TO BUSINESSES AND RESIDENCES:** THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO ALL BUSINESSES AND RESIDENTS IMPACTED BY CONSTRUCTION FOR THE DURATION OF THIS PROJECT. THE CONTRACTOR SHALL SCHEDULE ALL ACCESS CLOSURES WITH THE PROJECT MANAGER AT LEAST ONE WEEK PRIOR TO CLOSURE. THE CONTRACTOR SHALL NOTIFY ALL BUSINESSES AND RESIDENCES THAT WILL BE IMPACTED BY PROPOSED CLOSURE AT LEAST 48 HOURS IN ADVANCE. CLOSURES SHALL BE NO LONGER THAN 24 HOURS.
14. **TRAFFIC CONTROL PLAN:** THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN APPROVED TRAFFIC CONTROL PLAN FOR THIS PROJECT IN ACCORDANCE WITH SPECIAL PROVISION 618 - TRAFFIC CONTROL MANAGEMENT. ALL TRAFFIC CONTROL DEVICES TO BE USED IN THIS PROJECT SHALL COMPLY WITH SECTION 702 - CONSTRUCTION TRAFFIC CONTROL DEVICES OF THE NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY & BRIDGE CONSTRUCTION, 2014 EDITION. THE CONTRACTOR SHALL SUBMIT THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE CITY STAFF 1 WEEK PRIOR TO THE PRE-CONSTRUCTION MEETING.
15. THE CONTRACTOR SHALL RESTRICT WORKING OPERATIONS BETWEEN THE HOURS OF 7:00AM TO 8:30AM AND 4:00PM TO 6:00PM, MONDAY THRU FRIDAY SO AS TO NOT IMPEDE RUSH HOUR TRAFFIC. THE CONTRACTOR SHALL COMPLY WITH CITY OF SANTA FE ORDINANCES, AS REQUIRED, REGARDING WORKING HOUR LIMITATIONS. AT ALL TIMES, ACCESS SHALL BE PROVIDED TO PROPERTIES AND BUSINESSES.
16. THE CONTRACTOR SHALL USE WATER BLASTING ERADICATION FOR STRIPING REMOVAL ONLY ON PAVED SURFACES NOT RECONSTRUCTED, REPAVED OR RESURFACED.
17. THE CONTRACTOR SHALL PROVIDE APPROPRIATE SIDEWALK CLOSURE SIGNAGE AND PEDESTRIAN DETOURS MEETING ADA REQUIREMENT SHALL BE INSTALLED PER THE MUTCD FOR TEMPORARY CONSTRUCTION ACTIVITIES AFFECTING PEDESTRIAN TRAVEL. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE PRICE FOR ITEM 702810 - TRAFFIC CONTROL DEVICES FOR CONSTRUCTION.

18. **WORK ZONE INTERIM MARKINGS:** THE CONTRACTOR SHALL PLACE REFLECTORIZED PAINTED MARKINGS ON EACH INTERMEDIATE LIFT OF SURFACING OR MILLED SURFACE AT THE END OF EACH DAYS SURFACING OR MILLING OPERATION. THESE MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE DETAILS SHOWN IN FIGURE 1 OR FIGURE 1A ON THIS SHEET. 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 IN ACCORDANCE WITH THE DETAILS SHOWN IN FIGURE 1 OR FIGURE 1A ON THIS SHEET OR AS DIRECTED BY THE PROJECT MANAGER. PAYMENT FOR MARKING TAPE WILL BE PAID FOR UNDER THE UNIT PRICE OF REFLECTORIZED PAINTED MARKINGS, UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL PLACE REMOVABLE MARKING TAPE OR TEMPORARY REFLECTIVE RAISED PAVEMENT AFTER PLACEMENT OF THE FINAL LIFE OF SURFACING IF PERMANENT MARKINGS ARE NOT PLACED DURING THE SAME WORKING DAY. THESE MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE CURRENT EDITION OF THE MUTCD.

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)



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

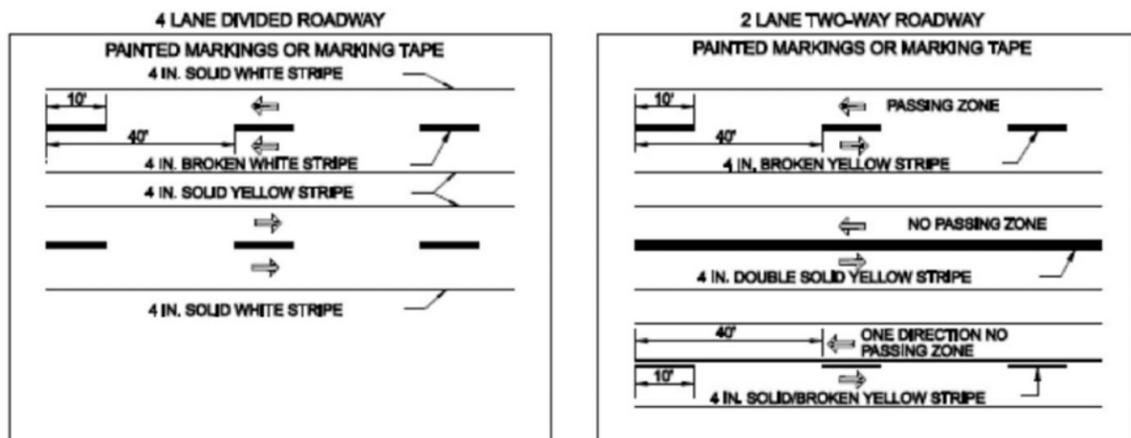
DEFOURI AND GUADALUPE
STREET BRIDGES
TRAFFIC NOTES

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PROJECT NO.	SHEET NO.
L500056 L500219	6-3

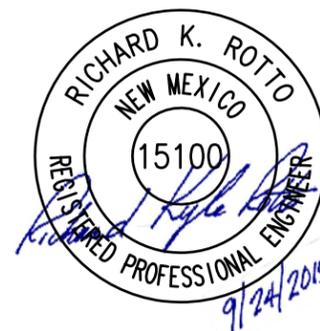
FIGURE 1A
STANDARD WORK ZONE INTERIM MARKINGS
(IN PLACE FOR 14 CALENDAR DAYS OR MORE)
(MINIMUM OF 2 COATS OR AS DIRECTED BY THE PROJECT MANAGER)



19. **PAVEMENT DROP-OFF GUIDELINE:** 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-WORKERS 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 11 FOOT DRIVING LANES AS SHOWN IN THE DETAIL BELOW. THIS WORK SHALL BE INCIDENTAL TO CONSTRUCTION AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.



- 20. **SEQUENTIAL ARROW:** 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 SHOULD NOT BE PLACED BEYOND MID-POINT OF THE TAPER LENGTH. IN ALL CASES, THE SEQUENTIAL ARROW SHALL BE PLACED BEHIND THE CHANNELIZATION DEVICES.
- 21. **TAPERS IN VERTICAL CURVES:** IN THE EVENT THAT A TAPER OCCURS IN A VERTICAL CURVE, A LONGITUDINAL BUFFER SPACE SHALL BE PROVIDED SO AS THE POSITION THE TAPER AND SEQUENTIAL ARROW IN ADVANCE OF THE VERTICAL CURVE TO OBTAIN ADEQUATE SIGHT DISTANCE OF THESE DEVICES.
- 22. **TAPERS IN HORIZONTAL CURVES:** IN THE EVENT THAT A TAPER OCCURS IN A HORIZONTAL CURVE, A LONGITUDINAL BUFFER SPACE SHALL BE PROVIDED SO AS THE POSITION THE TAPER AND SEQUENTIAL ARROW IN ADVANCE OF THE HORIZONTAL CURVE TO OBTAIN ADEQUATE SIGHT DISTANCE OF THESE DEVICES.
- 23. **"BUMP", "LOOSE GRAVEL", "LANE DROP-OFF", SIGN PLACEMENT:** THE CONTRACTOR SHALL PLACE W8-1-48 SIGNS (BUMP-B/FO), W8-7-48 SIGNS ("LOOSE GRAVEL" - B/FO), AND/OR W8-9A-48 SIGNS ("SHOULDER DROP OFF" - B/FO) IN ADVANCE OF BRIDGE APPROACHES OR OTHER LOCATIONS DURING COLS MILLING AND OVERLAY OPERATIONS AS NEEDED OR AS DIRECTED BY THE PROJECT MANAGER. SEE STANDARD DRAWING 702-01-1/3 FOR SIGN DETAILS. THESE SIGNS AND WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- 24. **STEEL POST AND BASE POSTS:** THE CONTRACTOR SHALL SUPPLY FLANGED CHANNEL U-POSTS (STEEL POSTS AND BASE PASTS FOR CONSTRUCTION SIGNING) AS PER STANDARD DRAWING 701-02-1/3 OR 701-02-2/3. SQUARE TUBING POSTS WILL NOT BE PERMITTED.
- 25. **TRAFFIC CONTROL PLAN CHANGES:** NO PAYMENT WILL BE MADE FOR ANY ADDITIONAL COST RESULTING FROM APPROVED TRAFFIC CONTROL CHANGES REQUESTED BY THE CONTRACTOR.



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REVISIONS (OR CHANGE NOTICES)
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
TRAFFIC NOTES CONT'D



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO. L500056 L500219	SHEET NO. 6-4
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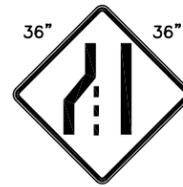
W1-3L-36



W1-4L-36



W3-4-36



W4-2L-36



W20-1a-36



W20-2a-36



W20-3-36



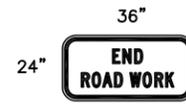
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W20-5L-36



W20-7a-36



G20-2-36



M4-8-30



M4-8a-30



M4-9R-30



M4-9L-30



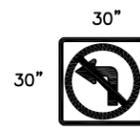
M6-3-21



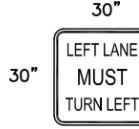
R1-2-24



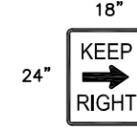
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R3-2-30



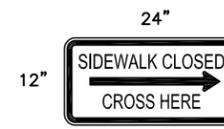
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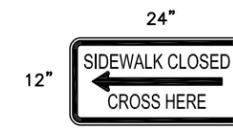
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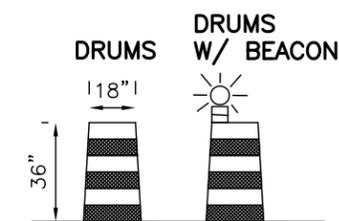
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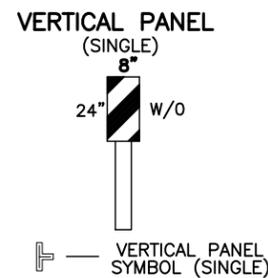
R9-11aR-24



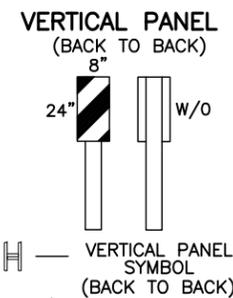
R9-11aL-24



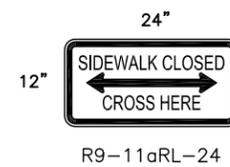
ALL DRUMS SHALL COMPLY WITH THE SPECIFICATIONS OF SECTION 702 - TRAFFIC CONTROL DEVICES FOR CONSTRUCTION, NMSHTD STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, CURRENT EDITION.



B-1aL-8 (STRIPE LEFT)
B-1aR-8 (STRIPE RIGHT)
B-1aLR-8 (STRIPE LEFT & RIGHT)



FLEXIBLE TUBULAR TRAFFIC MARKER



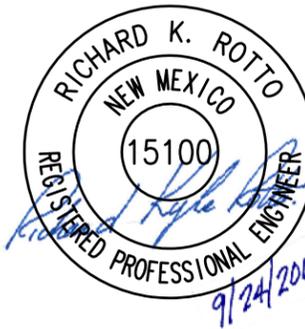
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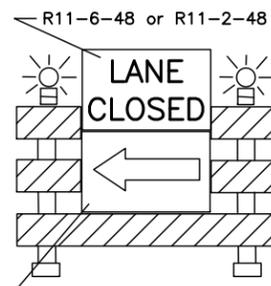
R11-2-48



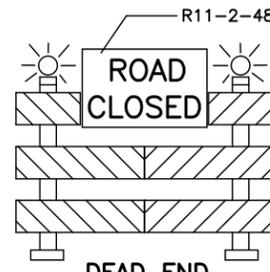
R11-3-48



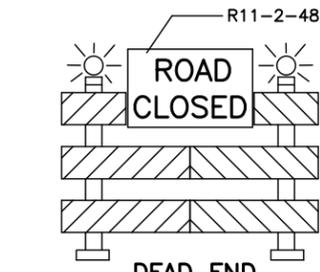
8 FT. TYPE III BARRICADES



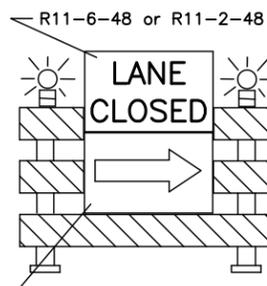
W1-6-48 or M4-10L-48
B-1R-96



R11-2-48
DEAD END
(NO TURNS AVAILABLE)
B-1LR-96



R11-2-48
DEAD END
(RT. & LT. TURNS AVAILABLE)
B-1LR-96



W1-6-48 or M4-10R-48
B-1L-96

SIGN FACE DETAILS * FOR CONSTRUCTION/MAINTENANCE

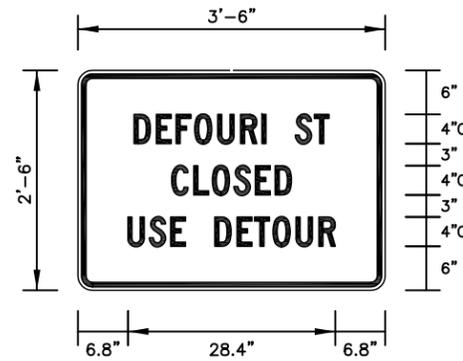
- EACH SIGN FACE SHOWN ON PLANS SHALL MEET THE SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS MANUAL & MUTCD (CURRENT EDITION). REFER TO CURRENT EDITIONS FOR PROPER ARRANGEMENT AND SPACING OF LETTERS, LETTER HEIGHT, LETTER SERIES, SYMBOLS AND BORDERS.
- SEE MUTCD (CURRENT EDITION) FOR ADDITIONAL SIGNS.

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REVISIONS (OR CHANGE NOTICES)

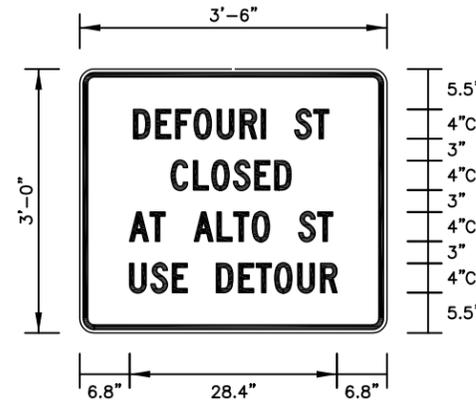
CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
TRAFFIC CONTROL
SIGNFACE DETAILS

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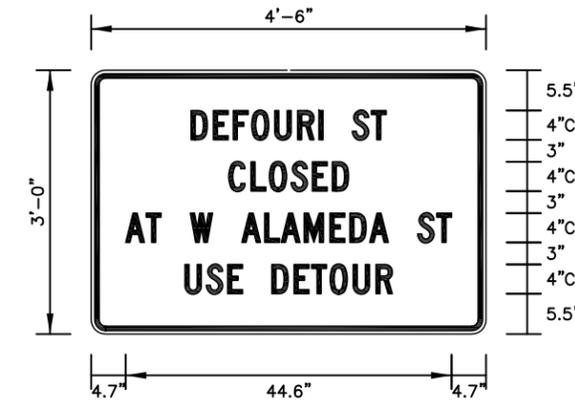
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THICKNESS=0.63"
INSET=0.47"

SP-1
BACKGROUND - ORANGE
LEGEND & BORDER - BLACK



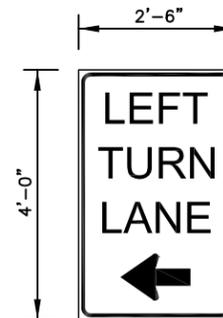
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SP-2
BACKGROUND - ORANGE
LEGEND & BORDER - BLACK



BORDER
RADIUS=1.88"
THICKNESS=0.75"
INSET=0.47"

SP-3
BACKGROUND - ORANGE
LEGEND & BORDER - BLACK



SP-A
BACKGROUND - ORANGE
LEGEND & BORDER - BLACK



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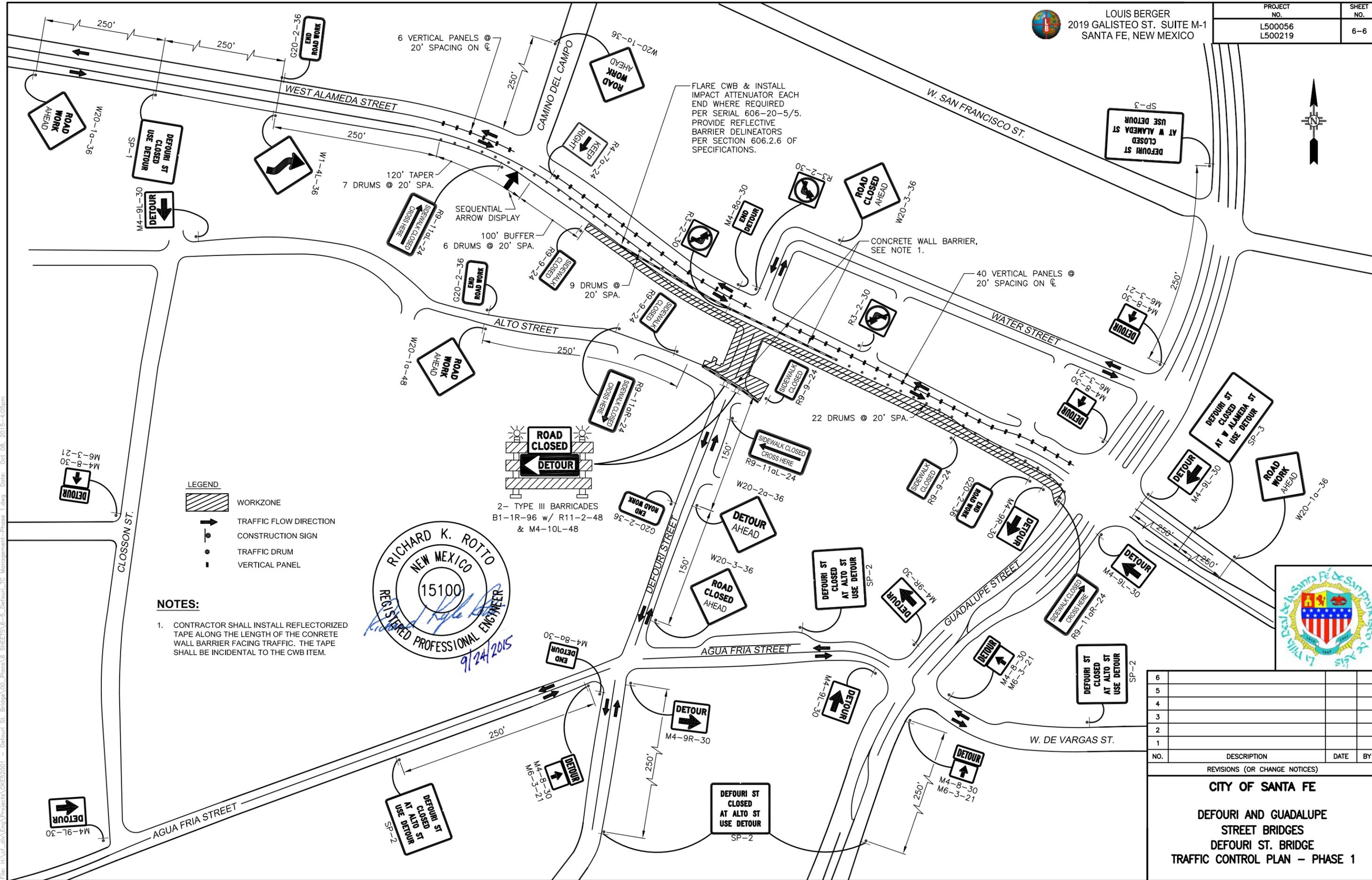
CITY OF SANTA FE

DEFOURI AND GUADALUPE
STREET BRIDGES
TRAFFIC CONTROL
SIGNFACE DETAILS



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
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L500219	



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CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

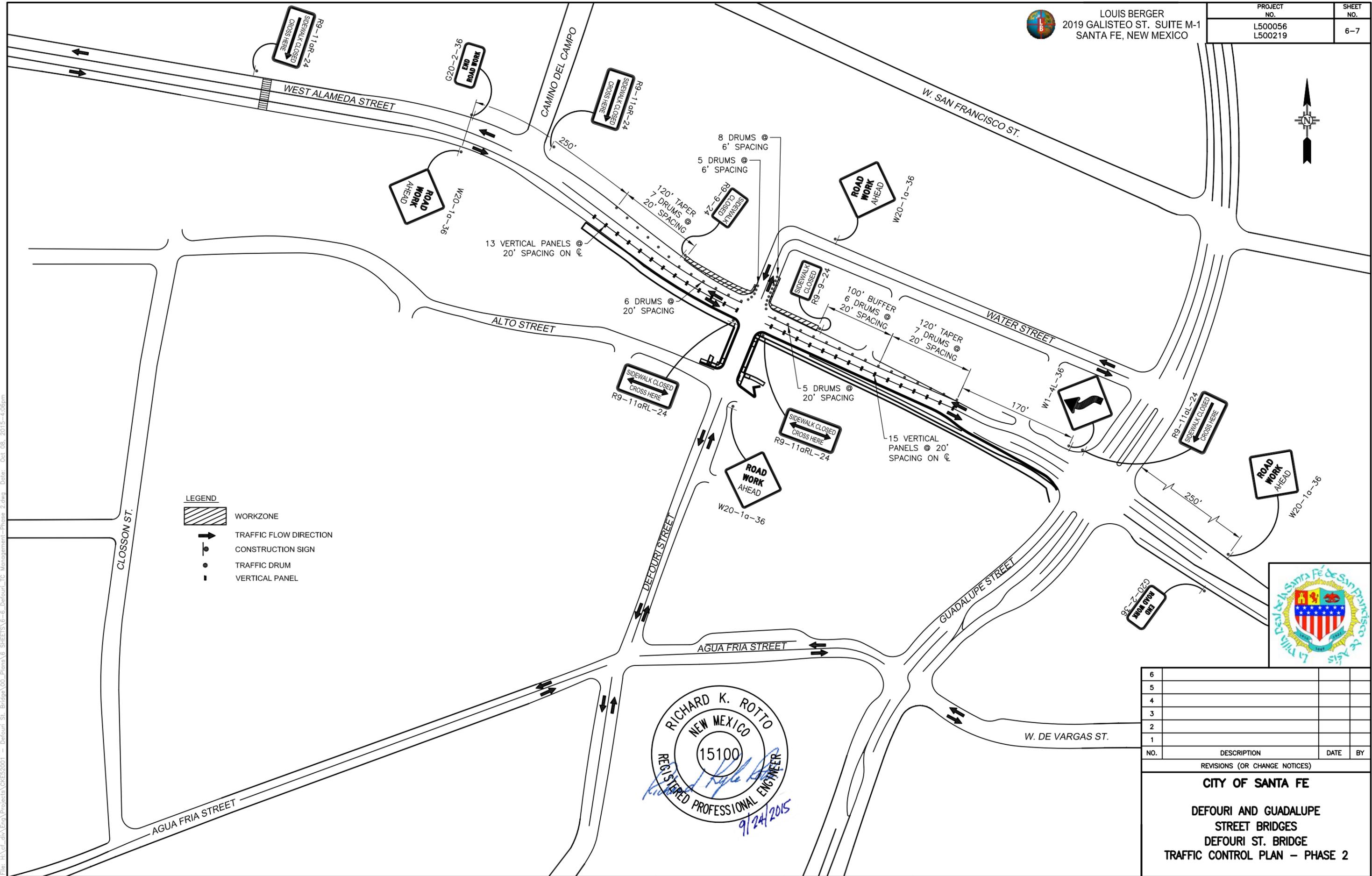
DEFOURI ST. BRIDGE

TRAFFIC CONTROL PLAN - PHASE 1



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2019 GALISTEO ST. SUITE M-1
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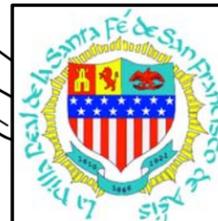
PROJECT NO.	SHEET NO.
L500056 L500219	6-7



LEGEND

	WORKZONE
	TRAFFIC FLOW DIRECTION
	CONSTRUCTION SIGN
	TRAFFIC DRUM
	VERTICAL PANEL

RICHARD K. ROTTO
NEW MEXICO
15100
REGISTERED PROFESSIONAL ENGINEER
9/24/2015



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CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

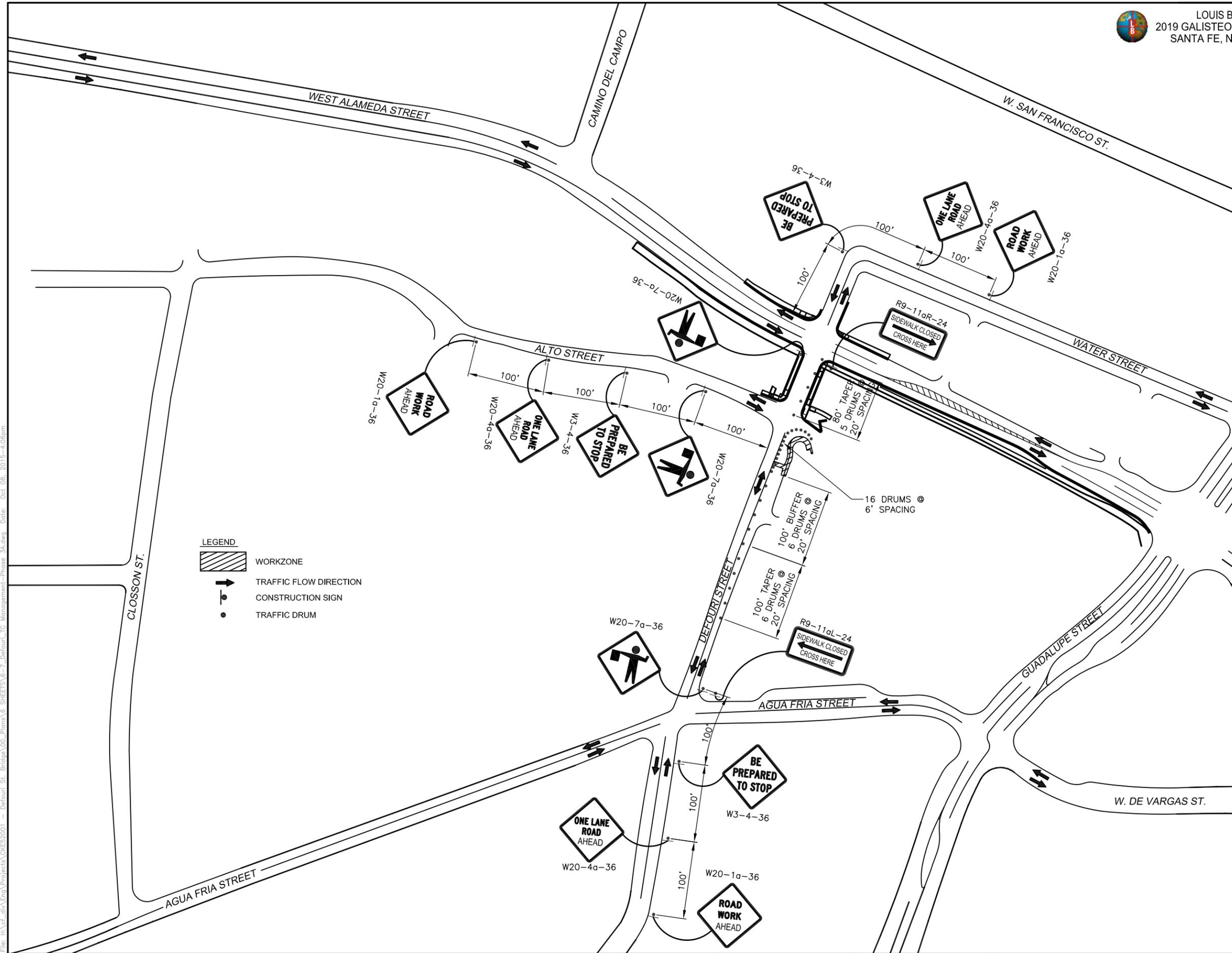
DEFOURI ST. BRIDGE

TRAFFIC CONTROL PLAN - PHASE 2



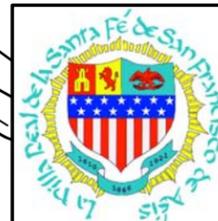
LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	6-8



LEGEND

	WORKZONE
	TRAFFIC FLOW DIRECTION
	CONSTRUCTION SIGN
	TRAFFIC DRUM



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

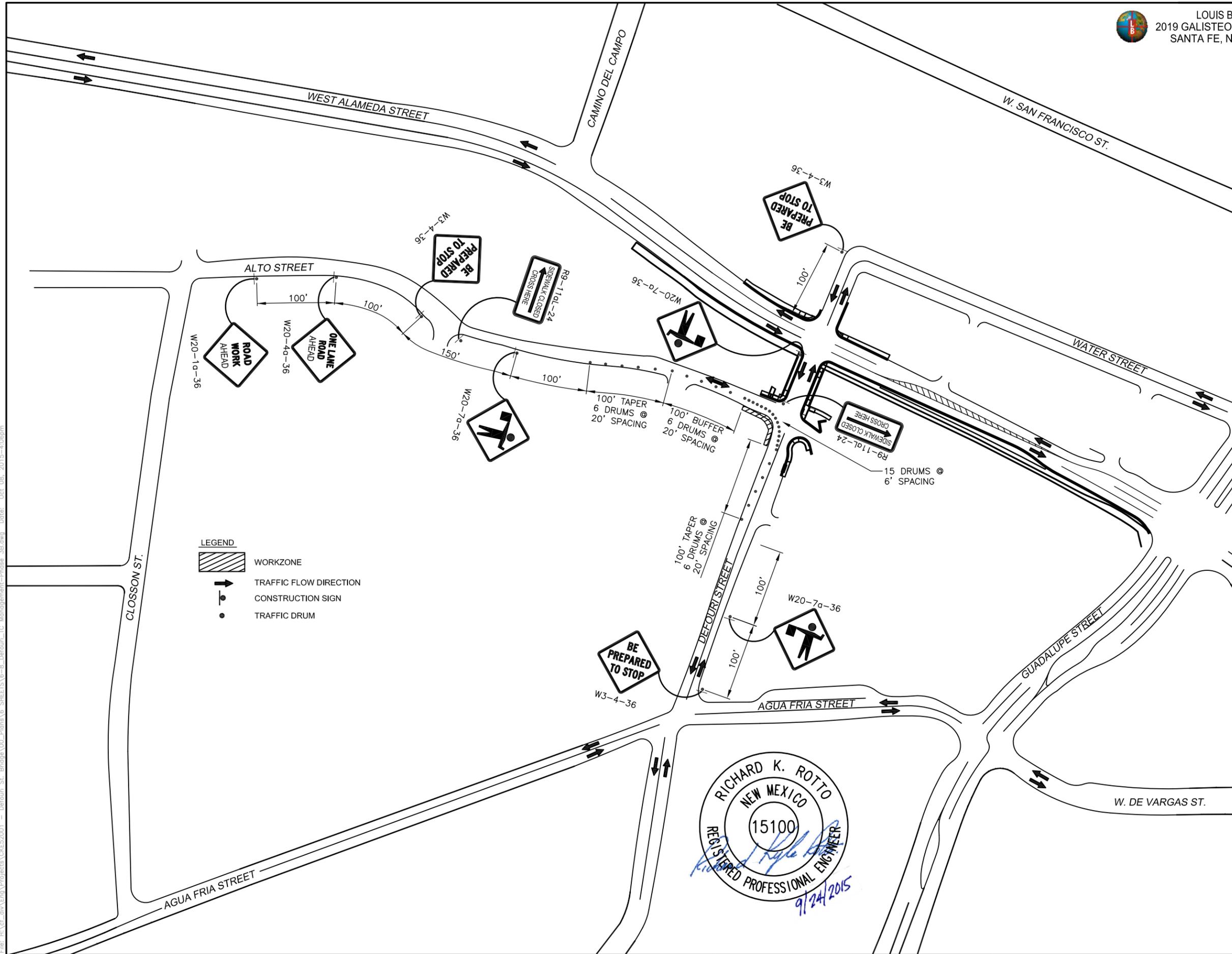
DEFOURI ST. BRIDGE

TRAFFIC CONTROL PLAN - PHASE 3A



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	6-9



LEGEND

	WORKZONE
	TRAFFIC FLOW DIRECTION
	CONSTRUCTION SIGN
	TRAFFIC DRUM



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

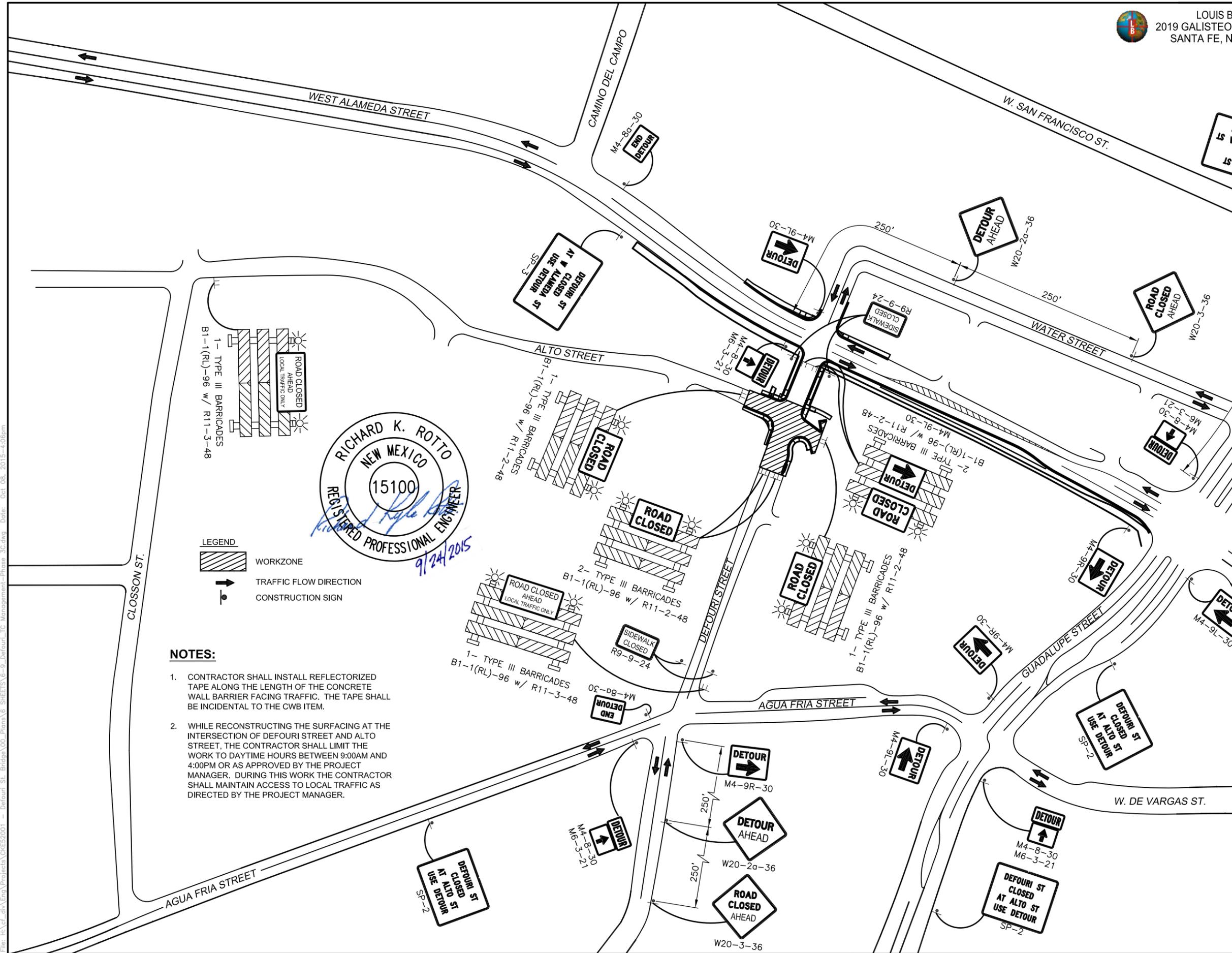
DEFOURI ST. BRIDGE

TRAFFIC CONTROL PLAN - PHASE 3B



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

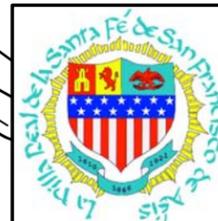
PROJECT NO.	SHEET NO.
L500056 L500219	6-10



RICHARD K. ROTTO
NEW MEXICO
15100
REGISTERED PROFESSIONAL ENGINEER
9/24/2015

LEGEND
 WORKZONE
 TRAFFIC FLOW DIRECTION
 CONSTRUCTION SIGN

- NOTES:**
- CONTRACTOR SHALL INSTALL REFLECTORIZED TAPE ALONG THE LENGTH OF THE CONCRETE WALL BARRIER FACING TRAFFIC. THE TAPE SHALL BE INCIDENTAL TO THE CWB ITEM.
 - WHILE RECONSTRUCTING THE SURFACING AT THE INTERSECTION OF DEFOURI STREET AND ALTO STREET, THE CONTRACTOR SHALL LIMIT THE WORK TO DAYTIME HOURS BETWEEN 9:00AM AND 4:00PM OR AS APPROVED BY THE PROJECT MANAGER. DURING THIS WORK THE CONTRACTOR SHALL MAINTAIN ACCESS TO LOCAL TRAFFIC AS DIRECTED BY THE PROJECT MANAGER.



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES
DEFOURI ST. BRIDGE
TRAFFIC CONTROL PLAN - PHASE 3C

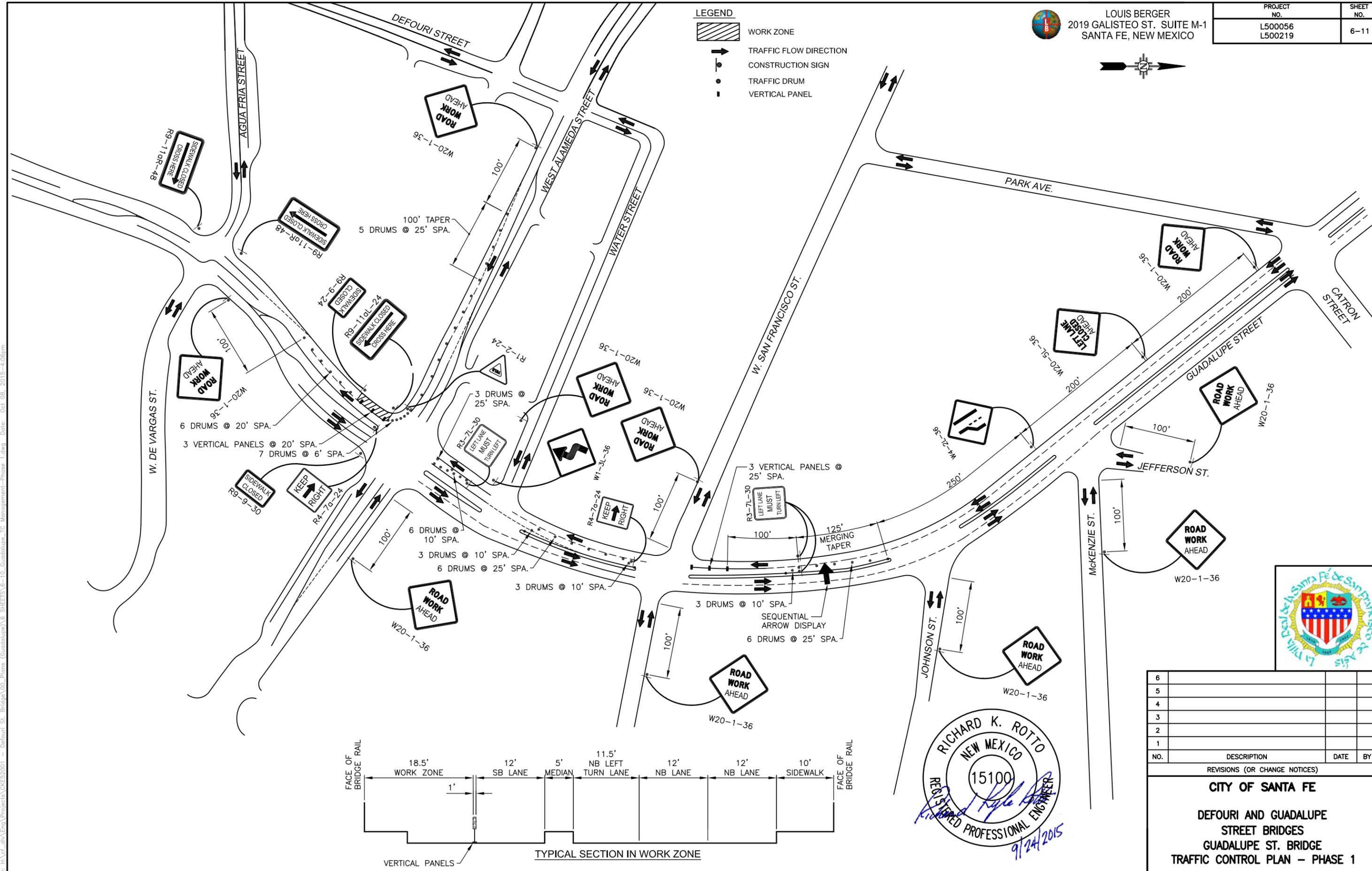


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
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L500219	

LEGEND

- WORK ZONE
- TRAFFIC FLOW DIRECTION
- CONSTRUCTION SIGN
- TRAFFIC DRUM
- VERTICAL PANEL



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

GUADALUPE ST. BRIDGE

TRAFFIC CONTROL PLAN - PHASE 1

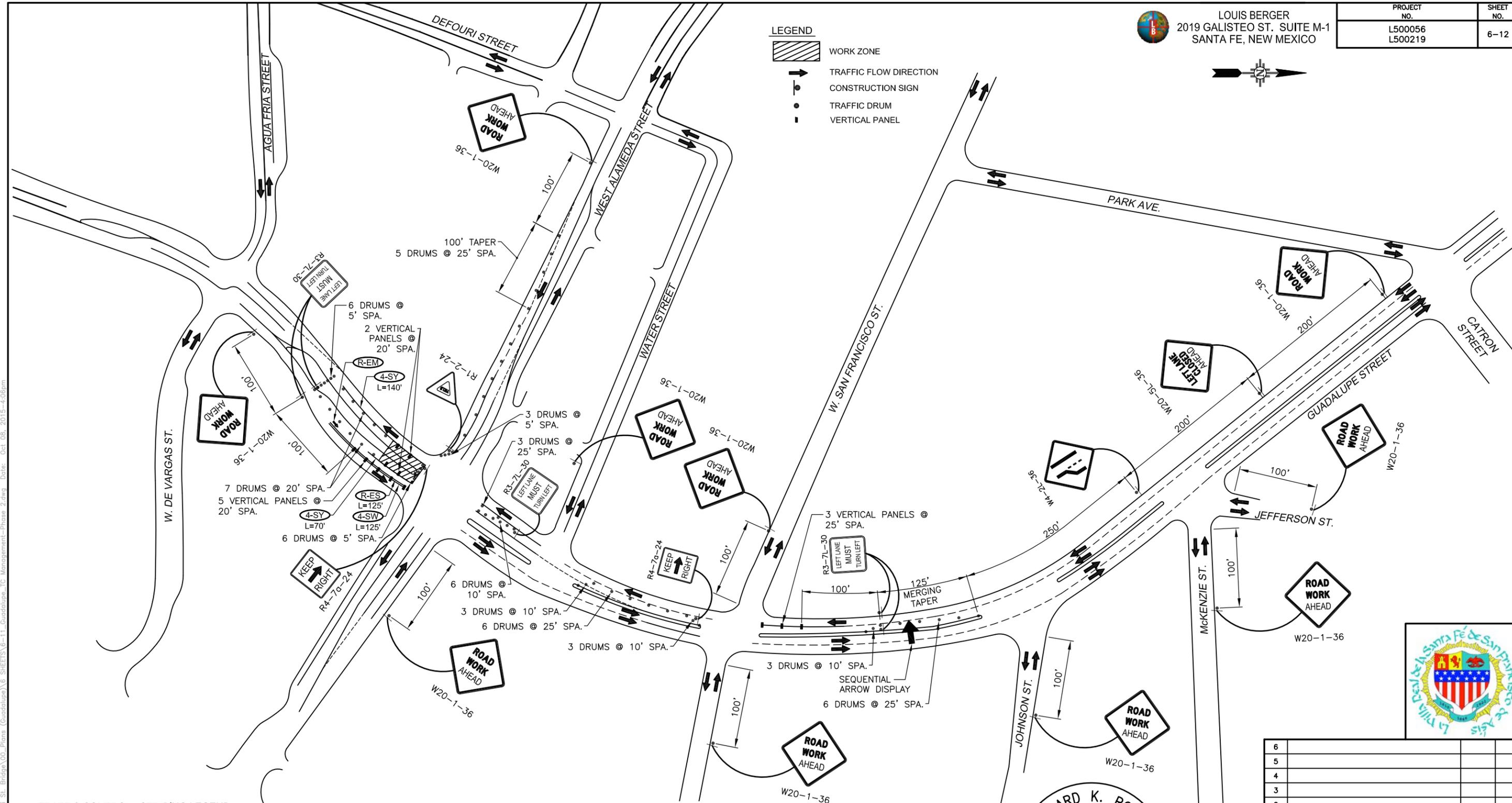


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	6-12

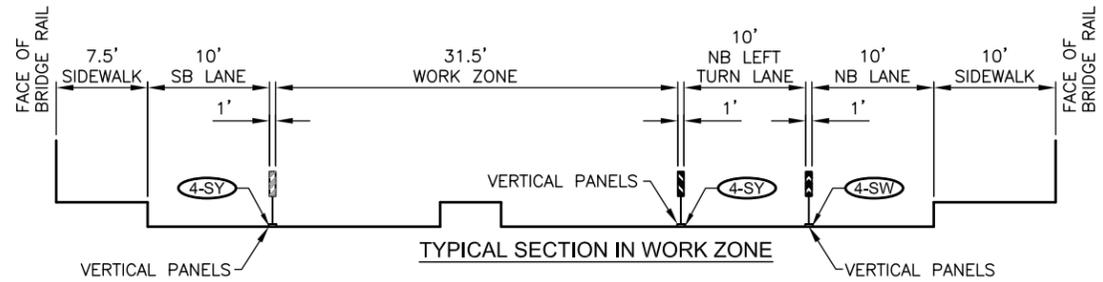
LEGEND

- WORK ZONE
- TRAFFIC FLOW DIRECTION
- CONSTRUCTION SIGN
- TRAFFIC DRUM
- VERTICAL PANEL



TRAFFIC CONTROL - STRIPING LEGEND

- REMOVAL OF EXISTING PAVEMENT STRIPE
- REMOVAL OF EXISTING PAVEMENT MARKING
- REMOVABLE MARKING TAPE (4" SOLID YELLOW)
- REMOVABLE MARKING TAPE (6" SOLID YELLOW)
- REMOVABLE MARKING TAPE (4" SOLID WHITE)
- REMOVABLE MARKING TAPE (6" SOLID WHITE)
- REMOVABLE MARKING TAPE (4" BROKEN WHITE)



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

GUADALUPE ST. BRIDGE

TRAFFIC CONTROL PLAN - PHASE 2

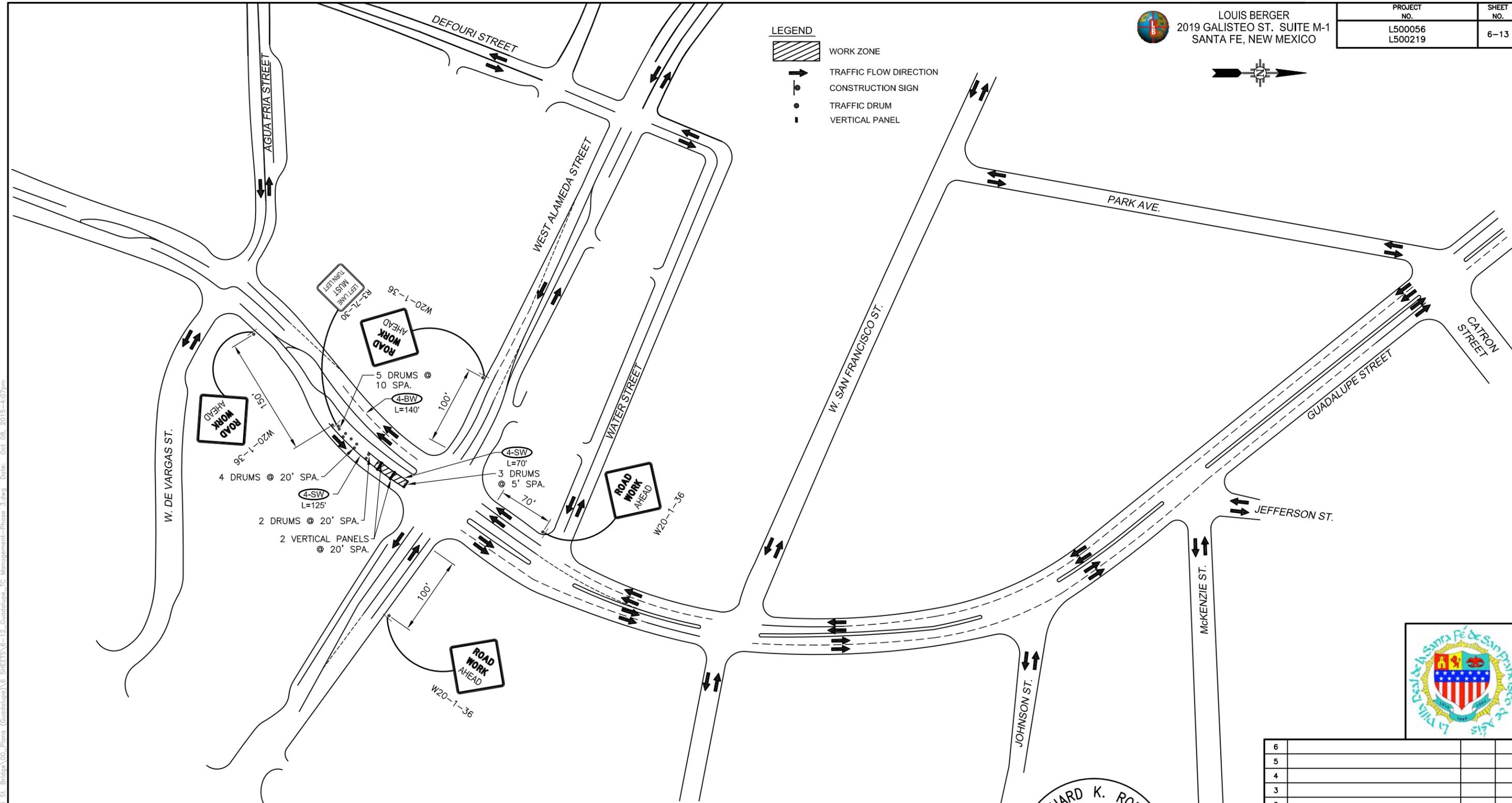


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	6-13

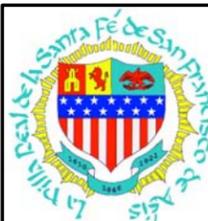
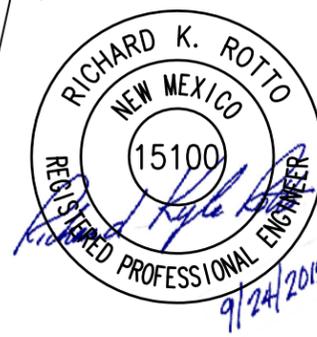
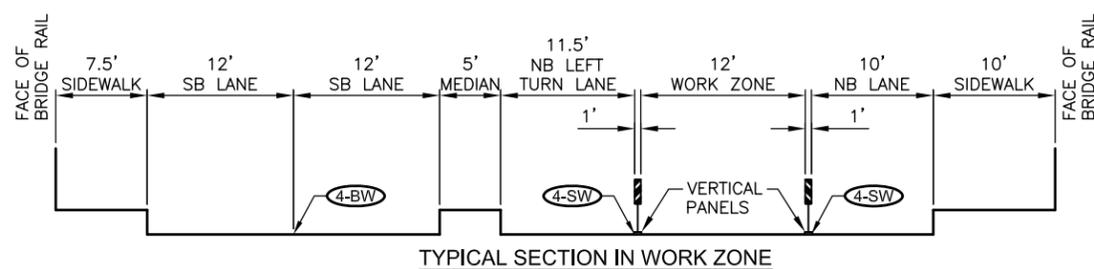
LEGEND

- WORK ZONE
- TRAFFIC FLOW DIRECTION
- CONSTRUCTION SIGN
- TRAFFIC DRUM
- VERTICAL PANEL



TRAFFIC CONTROL - STRIPING LEGEND

- REMOVAL OF EXISTING PAVEMENT STRIPE
- REMOVAL OF EXISTING PAVEMENT MARKING
- REMOVABLE MARKING TAPE (4" SOLID YELLOW)
- REMOVABLE MARKING TAPE (6" SOLID YELLOW)
- REMOVABLE MARKING TAPE (4" SOLID WHITE)
- REMOVABLE MARKING TAPE (6" SOLID WHITE)
- REMOVABLE MARKING TAPE (4" BROKEN WHITE)



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
GUADALUPE ST. BRIDGE
TRAFFIC CONTROL PLAN - PHASE 3A

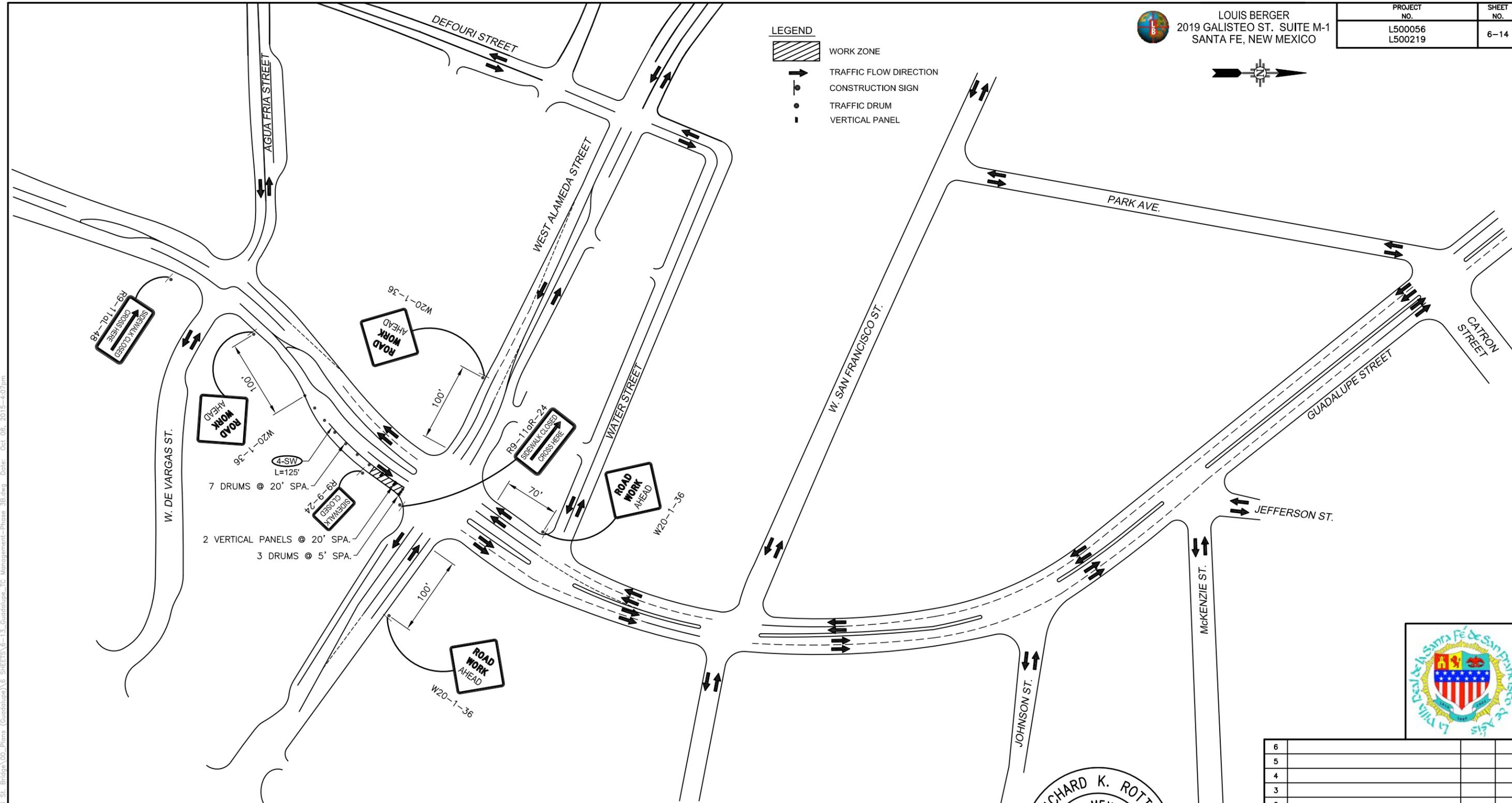


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	6-14

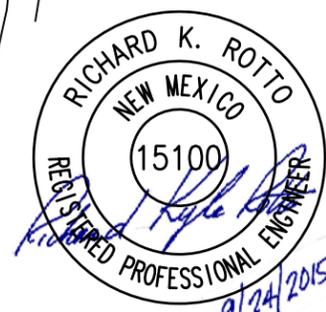
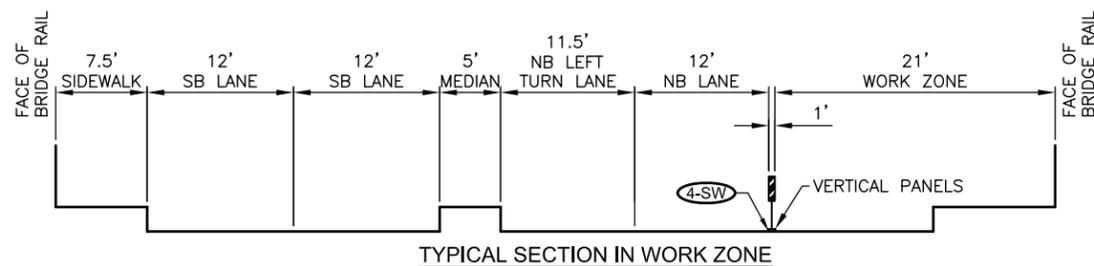
LEGEND

- WORK ZONE
- TRAFFIC FLOW DIRECTION
- CONSTRUCTION SIGN
- TRAFFIC DRUM
- VERTICAL PANEL



TRAFFIC CONTROL - STRIPING LEGEND

- REMOVAL OF EXISTING PAVEMENT STRIPE
- REMOVAL OF EXISTING PAVEMENT MARKING
- REMOVABLE MARKING TAPE (4" SOLID YELLOW)
- REMOVABLE MARKING TAPE (6" SOLID YELLOW)
- REMOVABLE MARKING TAPE (4" SOLID WHITE)
- REMOVABLE MARKING TAPE (6" SOLID WHITE)
- REMOVABLE MARKING TAPE (4" BROKEN WHITE)



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REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
GUADALUPE ST. BRIDGE
TRAFFIC CONTROL PLAN - PHASE 3B



DEFOURI ST.

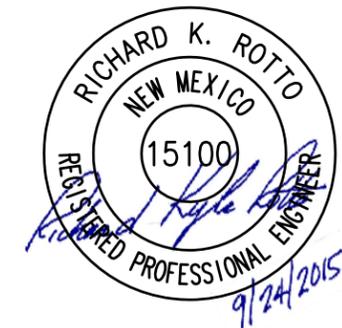
ITEM NO	ITEM DESCRIPTION	UNITS	PHASE 1	PHASE 2	PHASE 3A	PHASE 3B	PHASE 3C	USE
606610	TEMPORARY CWB RETAINED BY THE CONTRACTOR	LIN FT	450	0	0	0	0	450
702000	CONSTRUCTION SIGNING	SQ FT	413	118	192	112	274	413
702110	PORTABLE SIGN SUPPORT	EACH	53	12	12	7	28	53
702238	BARRICADE, TYPE III - 8'	EACH	2	0	0	0	7	7
702320	VERTICAL PANEL, TYPE BACK TO BACK	EACH	29	29	0	0	0	29
702525	CHANNELIZATION DEVICES TYPE DRUM	EACH	44	40	23	23	0	44
702600	SEQUENTIAL ARROW DISPLAY	EACH	1	1	0	0	0	1
702610	PORTABLE CHANGEABLE MESSAGE SIGNS	EACH						
720060	VEHICULAR IMPACT ATTENUATOR UNIT - WORK ZONES	EACH	2	0	0	0	0	2
720110	REMOVE / RESET IMPACT ATTENUATOR UNIT	EACH	2	0	0	0	0	2

* ITEM CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR ITEM 702810 - "TRAFFIC CONTROL DEVICES FOR CONSTRUCTION" AND NO SEPARATE MEASUREMENT OF PAYMENT WILL BE MADE.

GUADALUPE ST.

ITEM NO	ITEM DESCRIPTION	UNITS	PHASE 1	PHASE 2	PHASE 3A	PHASE 3B	USE
702000	CONSTRUCTION SIGNING	SQFT	-	-	-	-	90
702320	VERTICAL PANEL, TYPE BACK TO BACK	EACH	6	12	4	2	12
702525	CHANNELIZATION DEVICES TYPE DRUM	EACH	52	66	12	10	66
702600	SEQUENTIAL ARROW DISPLAY	EACH	1	1	0	0	1
704100	REMOVABLE MARKING TAPE	LINFT	0	140	333	125	598
721000	REMOVAL OF PAVEMENT STRIPE	LINFT	0	140	193	0	333
721101	REMOVAL OF PAVEMENT MARKING	EACH	0	1	0	0	1

* ITEM CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR ITEM 702810 - "TRAFFIC CONTROL DEVICES FOR CONSTRUCTION" AND NO SEPARATE MEASUREMENT OF PAYMENT WILL BE MADE.



NOTE:
REMOVAL OF PAVEMENT STRIPE AND PAVEMENT MARKING SHALL BE PERFORMED USING WATER BLASTING TECHNIQUES ONLY. NO OTHER METHODS OF REMOVAL WILL BE ALLOWED UNLESS APPROVED BY THE PROJECT MANAGER PRIOR TO REMOVAL.

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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
TRAFFIC CONTROL
SUMMARY OF ITEMS AND QUANTITIES

File: H:\of_siv\Proj\Projecta\CKE52001 - Defouri St. Bridge\00_Plans\6_Sheets\6-14_Defouri_TC_Summary.dwg Date: Oct 08, 2015 4:07pm

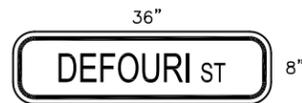


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

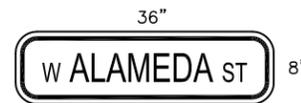
PROJECT NO. L500056 L500219	SHEET NO. 7-1
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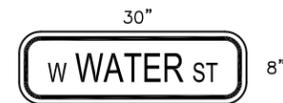
R1-1-36
WHITE/RED
36"x36"



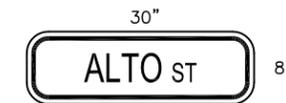
D3-1a
WHY/GRN
36"x8"



D3-1b
WHY/GRN
36"x8"



D3-1c
WHY/GRN
30"x8"



D3-1d
WHY/GRN
30"x8"

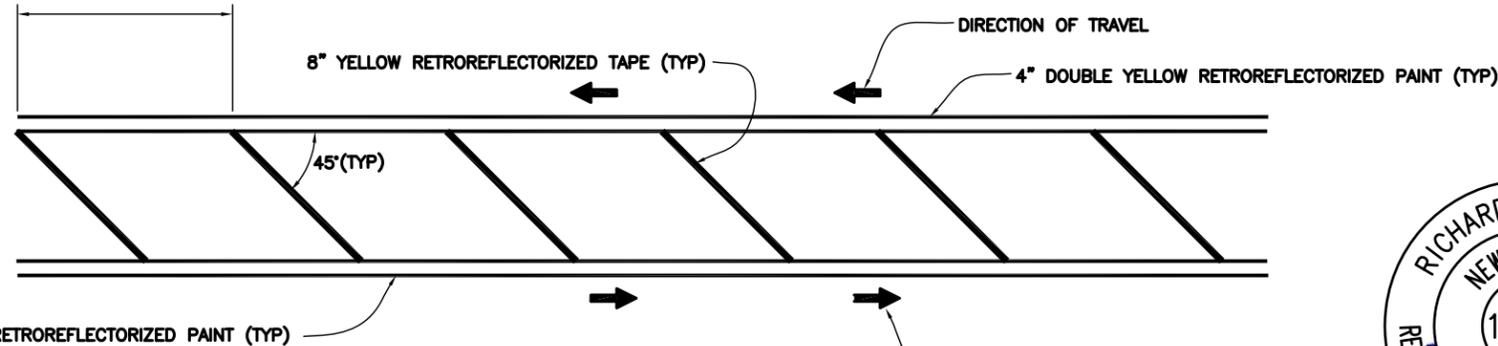


D3-1e
WHY/GRN
36"x8"

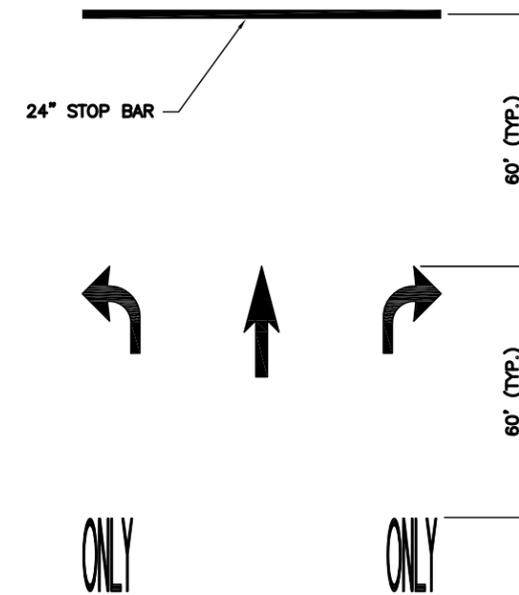


D3-1f
WHY/GRN
36"x8"

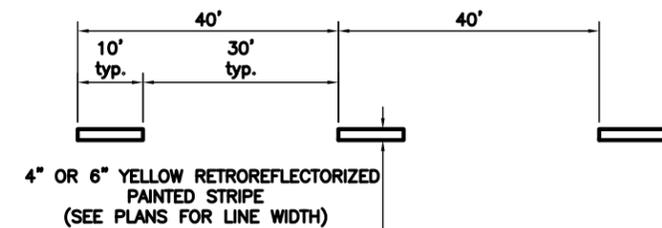
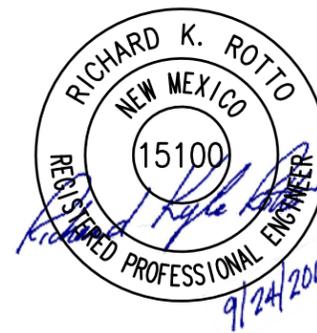
15' c/c (LESS THAN 30 MPH)
20' c/c (30 TO 45 MPH)
30' c/c (MORE THAN 45 MPH)
* POSTED SPEED LIMIT



CHEVRON TYPICAL DETAILS
NTS



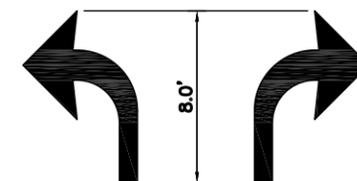
TYPICAL TURN LANE DETAILS
NTS



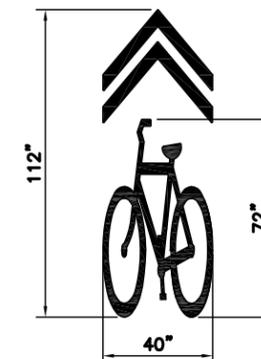
DETAIL OF DASHED STRIPE
NTS



DETAIL OF RETROREFLECTORIZED TAPE WORD 'ONLY'
NTS



DETAIL OF RETROREFLECTORIZED TAPE PAVEMENT ARROWS
NTS



DETAIL OF RETROREFLECTORIZED PLASTIC SHARROW SYMBOL
NTS

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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

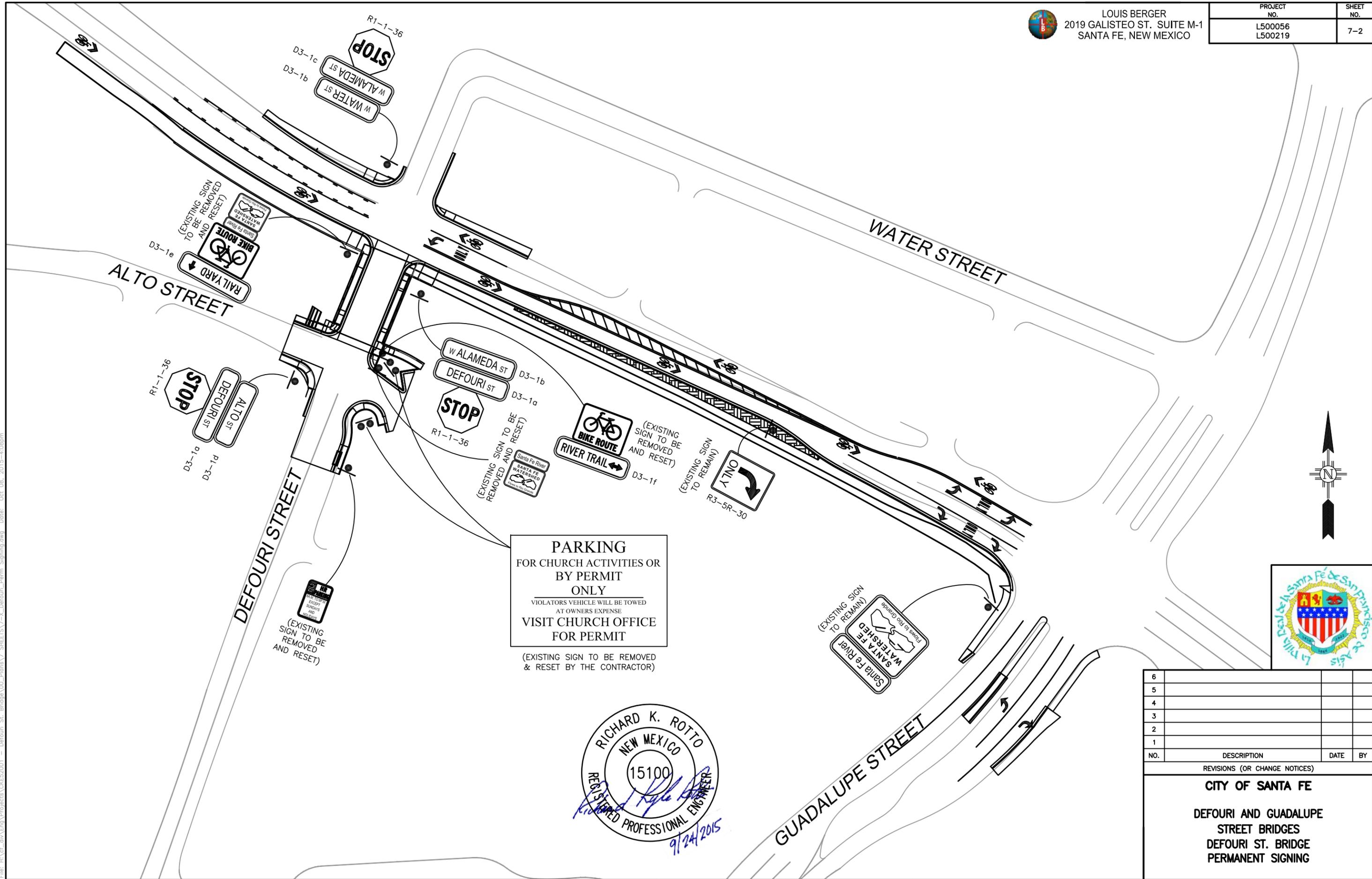
DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE
PERMANENT SIGNFACE /
STRIPING DETAILS

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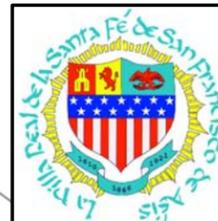


LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO.	SHEET NO.
L500056 L500219	7-2



PARKING
FOR CHURCH ACTIVITIES OR
BY PERMIT
ONLY
VIOLATORS VEHICLE WILL BE TOWED
AT OWNERS EXPENSE
VISIT CHURCH OFFICE
FOR PERMIT
(EXISTING SIGN TO BE REMOVED
& RESET BY THE CONTRACTOR)



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REVISIONS (OR CHANGE NOTICES)

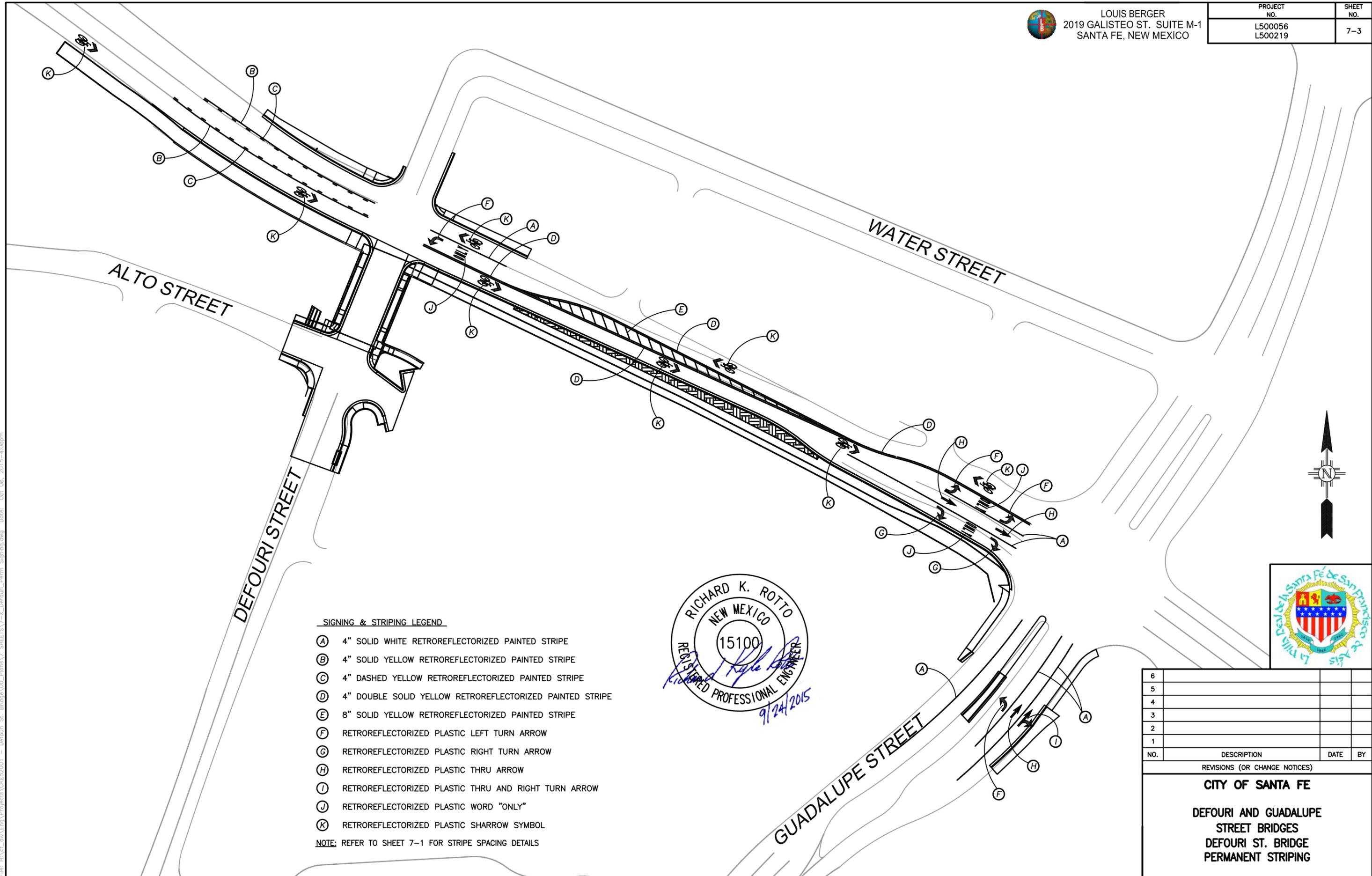
CITY OF SANTA FE

**DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE
PERMANENT SIGNING**



LOUIS BERGER
2019 GALISTEO ST. SUITE M-1
SANTA FE, NEW MEXICO

PROJECT NO. L500056 L500219	SHEET NO. 7-3
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- SIGNING & STRIPING LEGEND**
- (A) 4" SOLID WHITE RETROREFLECTORIZED PAINTED STRIPE
 - (B) 4" SOLID YELLOW RETROREFLECTORIZED PAINTED STRIPE
 - (C) 4" DASHED YELLOW RETROREFLECTORIZED PAINTED STRIPE
 - (D) 4" DOUBLE SOLID YELLOW RETROREFLECTORIZED PAINTED STRIPE
 - (E) 8" SOLID YELLOW RETROREFLECTORIZED PAINTED STRIPE
 - (F) RETROREFLECTORIZED PLASTIC LEFT TURN ARROW
 - (G) RETROREFLECTORIZED PLASTIC RIGHT TURN ARROW
 - (H) RETROREFLECTORIZED PLASTIC THRU ARROW
 - (I) RETROREFLECTORIZED PLASTIC THRU AND RIGHT TURN ARROW
 - (J) RETROREFLECTORIZED PLASTIC WORD "ONLY"
 - (K) RETROREFLECTORIZED PLASTIC SHARROW SYMBOL
- NOTE:** REFER TO SHEET 7-1 FOR STRIPE SPACING DETAILS



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

DEFOURI AND GUADALUPE STREET BRIDGES

DEFOURI ST. BRIDGE

PERMANENT STRIPING



ESTIMATED SIGNING & POST LENGTH QUANTITIES														
SIGN CODE	NO. OF SIGNS	TOTAL SIGN AREA (SQ FT)	POST LENGTHS (LIN.FT.)				MOUNTING REQUIREMENTS - "U" CHANNEL						BASE POSTS	
			LEFT	CENTER	RIGHT	TOTAL	1-1/2" x 1-1/2"	1-3/4" x 1-3/4"	2" x 2"	2-1/4" x 2-1/4"	2-3/16" x 2-3/16"	2-1/2" x 2-1/2"	NO.	TOTAL LENGTH (LIN.FT.)
R1-1-36	3	27.00		10.00		30.00			✓				3	9
D3-1a	2	4.00		*										
D3-1b	2	4.00		*										
D3-1c	1	1.67		*										
D3-1d	1	1.67		*										
D3-1e	1	1.67		*										
D3-1f	1	1.67		*										
PROJECT TOTALS		41.67				30.00							9	
PROJECT USE		42				30							9	

* MOUNTED ON ANOTHER SIGN POST

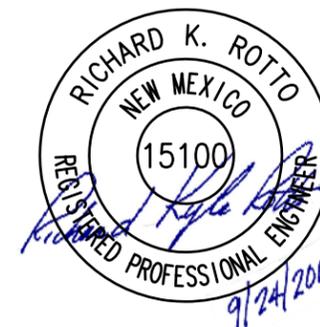
704000 - RETROREFLECTORIZED PAINTED MARKINGS					
ALIGNMENT	4" SOLID WHITE (LIN.FT.)	4" SOLID YELLOW (LIN.FT.)	4" DOUBLE SOLID YELLOW (LIN.FT.)	4" DASHED YELLOW (LIN.FT.)	8" SOLID YELLOW (LIN.FT.)
W. ALAMEDA ST.	613	300	743	300	115
SUB-TOTALS	613	300	743	300	115
PROJECT TOTAL					2071
X 2 APPLICATIONS					4142
USE					4142

NOTES:

- ALL SIGNS, UNLESS OTHERWISE SPECIFIED, SHALL HAVE REFLECTIVITY III SHEETING FOR THE LEGEND AND BORDER AND BACKGROUND. ONLY ALUMINUM PANEL SIGNS ARE PERMITTED.
- QUANTITIES MAY VARY AS FIELD CONDITIONS DICTATE. THE CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES USED.
- ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH N.M. STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (2014 EDITION) AND ANY APPLICABLE SPECIAL PROVISION AND/OR SUPPLEMENTAL SPECIFICATION. -- SPECIAL NOTE OF SECTION 701.215 AND 701.452 -- ALSO THE CURRENT EDITION, WITH REVISIONS, OF THE M.U.T.C.D.
- EACH SIGN FACE SHOWN ON PLANS SHALL MEET THE SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS MANUAL (2008 EDITION) FOR PROPER ARRANGEMENT, SPACING OF LETTERS, LETTER HEIGHT, LETTER SERIES, SYMBOLS AND BORDERS FOR THE SPECIFIED SIZE AND MESSAGE AS SHOWN ON PLANS.
- POST LENGTHS ARE BASED ON A MINIMUM OF 7.0' FOR URBAN SECTIONS. THE LENGTHS ARE MEASURED FROM THE BOTTOM OF THE SIGN TO NEAR EDGE OF THE DRIVING LANE.
- THE LATERAL CLEARANCE OF SIGNS SHALL BE NO CLOSER THAN THE 6.0' FROM THE EDGE OF THE SHOULDER OR 1.0' FROM THE EDGE OF TRAVELED WAY FOR RURAL AREAS AND NO CLOSER THAN 2.0' FROM FACE OF CURB FOR URBAN AREAS.
- ALL SIGNING HARDWARE, INCLUDING BRACKETS, (FOR MOUNTING ALL STREET NAME SIGNS, ETC.) ARE CONSIDERED INCIDENTAL TO SIGN INSTALLATION. THEREFORE NO PAYMENT WILL BE MADE.
- THREE 4 lb/sqft SIGN POST INSTALLATION APPROVED ONLY IF THE SPAN BETWEEN THE OUTER POSTS EXCEEDS 7.0' (SIGN WIDTH OF 8.0' OR GREATER).
- CONTRACTOR WILL BE REQUIRED TO USE DRIVEDOWN POSTS IN MOUNTING THE R1-1-30 (STOP SIGN) WHEN A CROSS STREET NAME PLATE IS TO ALSO BE INSTALLED ON THE SAME POST.
- ANY SIGN MOUNTED IN MEDIANS, ISLANDS, ETC...(PARALLEL TO TRAFFIC) SHALL BE MOUNTED ON AN OMNI-DIRECTIONAL BREAKAWAY SYSTEM.
- STEEL POST AND BASE POSTS SHALL BE "U" CHANNEL POLE TYPE.
- ALL REFLECTORIZED PLASTIC STRIPING SHALL BE 3M 3801-ES INTERSECTION GRADE TAPE, 60 MIL (OR APPROVED EQUAL)
- REMOVAL OF PAVEMENT STRIPE AND PAVEMENT MARKING SHALL BE PERFORMED USING WATER BLASTING TECHNIQUES ONLY. NO OTHER METHODS OF REMOVAL WILL BE ALLOWED UNLESS APPROVED BY THE PROJECT MANAGER PRIOR TO REMOVAL.

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL
701000	PANEL SIGNS	SQ.FT.	42
701030	REMOVE AND RESET PANEL SIGN	EACH	9
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	LIN.FT.	39
704000	RETROREFLECTORIZED PAINTED MARKINGS	LIN.FT.	4142
704481	RETROREFLECTORIZED PLASTIC SHARROW SYMBOL (BIKEWAY)	EACH	8
704765	RETROREFLECTORIZED PREFORMED PATTERNED PAVEMENT MARKING COMBINATION (THRU AND RIGHT) ARROW	EACH	1
704767	RETROREFLECTORIZED PREFORMED PATTERNED PAVEMENT MARKING RIGHT ARROW	EACH	2
704768	RETROREFLECTORIZED PREFORMED PATTERNED PAVEMENT MARKING LEFT ARROW	EACH	4
704769	RETROREFLECTORIZED PREFORMED PATTERNED PAVEMENT MARKING THRU ARROW	EACH	3
704770	RETROREFLECTORIZED PREFORMED PATTERNED PAVEMENT MARKING WORD (ONLY)	EACH	3
721000	REMOVAL OF PAVEMENT STRIPE	LIN.FT.	1700
721101	REMOVAL OF PAVEMENT MARKING	EACH	12



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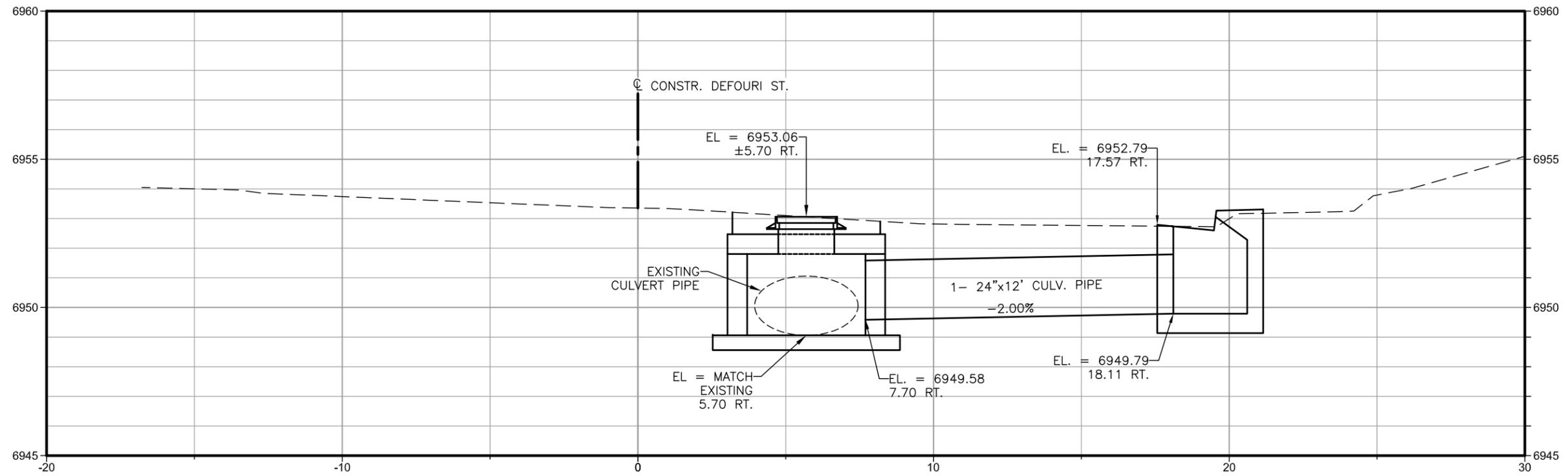
REVISIONS (OR CHANGE NOTICES)

CITY OF SANTA FE

**DEFOURI AND GUADALUPE
STREET BRIDGES
DEFOURI ST. BRIDGE
SIGNING AND STRIPING QUANTITIES**



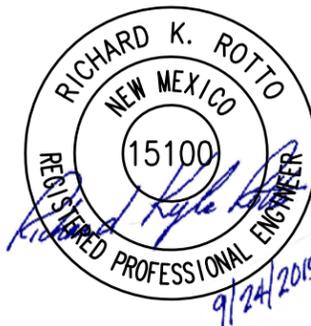
NOTE:
FINISHED INVERT AND MANHOLE COVER ELEVATIONS SHALL BE DETERMINED BY THE PROJECT MANAGER AFTER EXISTING CULVERT PIPE HAS BEEN EXPOSED.



STA. 9+88.50 (APPROX.)

EXPOSE EXISTING CULVERT PIPE. BUILD 1- MANHOLE, TYPE C-4' DIA., H=3'-0" (5.70' RT)
ENCASING EXISTING CULVERT PIPE. BUILD 1- CURB DROP INLET, TYPE II-B, H=3'-0" (18.11' RT)
CONNECT MANHOLE TO CDI w/ 1- 24"x12' CULVERT PIPE.

SS-1



NO.	DESCRIPTION	DATE	BY
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CITY OF SANTA FE
DEFOURI AND GUADALUPE
STREET BRIDGES
STRUCTURE SECTION
STA. 9+88.50