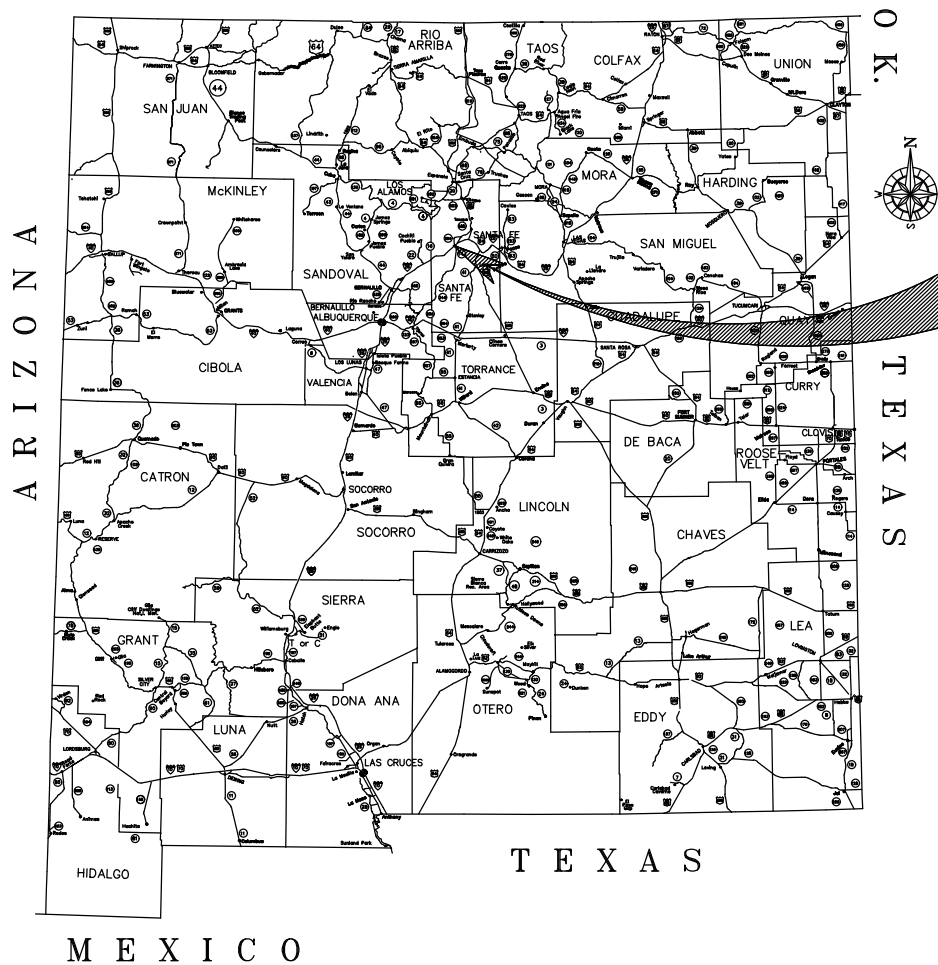


SANTA FE COUNTY PUBLIC WORKS DEPARTMENT SANTA FE COUNTY

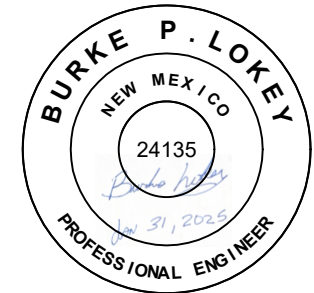
FINAL CONSTRUCTION PLANS


CR-54 (LOS PINOS RD.)
ALL WEATHER CROSSING AT ARROYO HONDO


SANTA FE COUNTY PROJECT NUMBER 6167



PROJECT LOCATION
CR-54 (LOS PINOS RD.)


















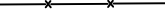



 SANTA FE COUNTY PUBLIC WORKS
424 NM-599
SANTA FE, NEW MEXICO 87504
PHONE: 505-992-3010

 WSP USA Inc.
2440 LOUISIANA BLVD. NE, SUITE 400
ALBUQUERQUE, NEW MEXICO 87110
PHONE: 505-881-5357




APPROVED _____ DATE _____
SANTA FE COUNTY
LAND USE DEPARTMENT

APPROVED _____ DATE _____
SANTA FE COUNTY
PUBLIC WORKS DIRECTOR

CONVENTIONAL ON PLAN

-  GPS STATION
-  BENCHMARK
-  RIGHT-OF-WAY MARKER
-  EXISTING RIGHT-OF-WAY LINE
-  PRESENT TRAVELED ROAD
-  PRIVATE PROPERTY LINE
-  EXISTING 5 FOOT CONTOUR
-  EXISTING 1 FOOT CLOSED CONTOUR
-  EXISTING SPOT ELEVATION
-  EXISTING FLOW LINE
-  EXISTING FENCE LINE
-  EXISTING CMP
-  PROPOSED RIGHT-OF-WAY LINE
-  PROPOSED FENCE LINE
-  CENTERLINE OF CONSTRUCTION
-  PROPOSED ROADWAY PAVEMENT
-  CUT SLOPE
-  FILL SLOPE
-  PROPOSED GUARD RAIL & END SECTION

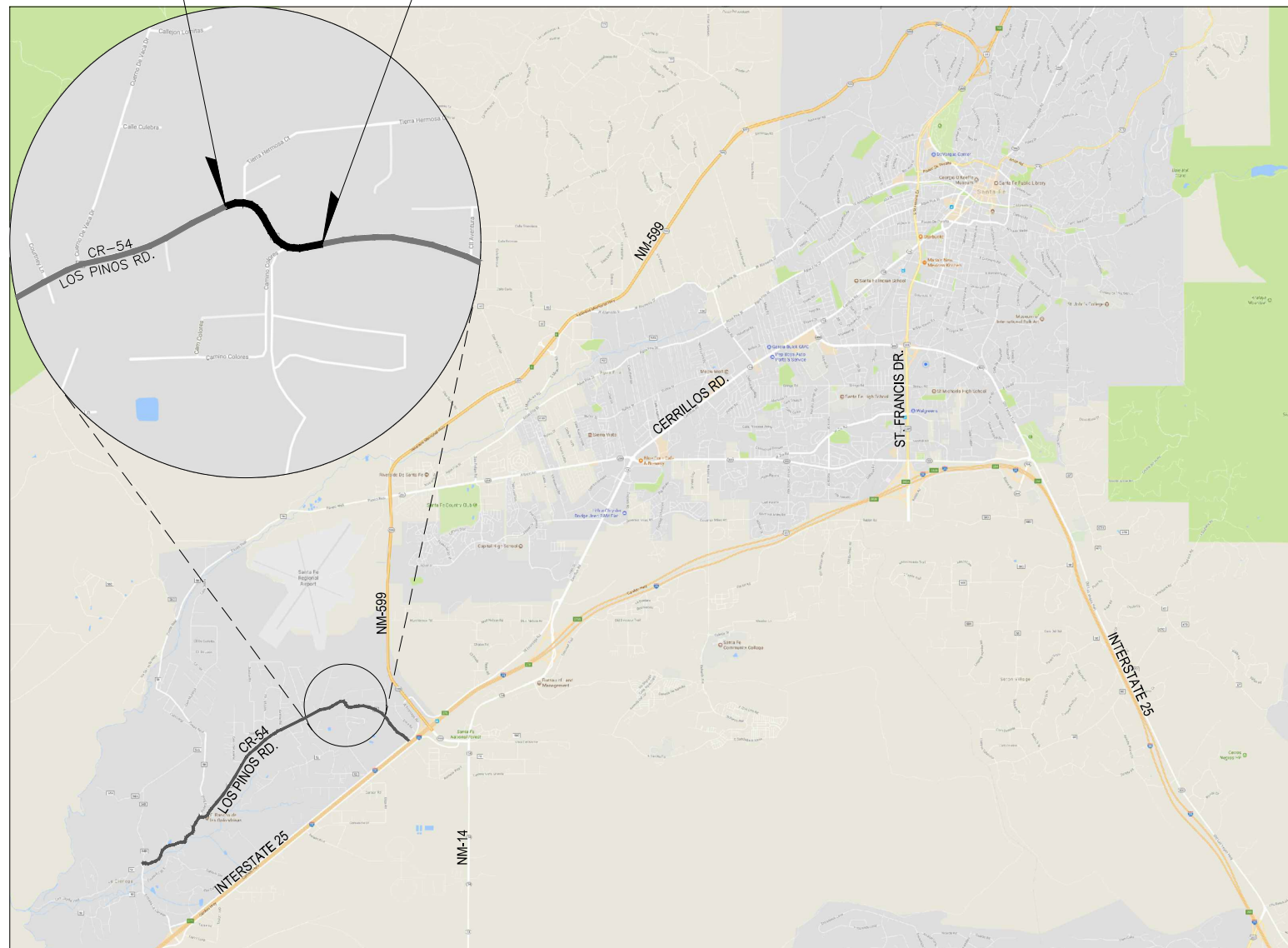
SYMBOLS ON PROFILE

-  VERTICAL CURVE
-  EXISTING CULVERT PIPE
-  PROPOSED CULVERT PIPE

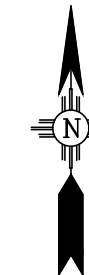
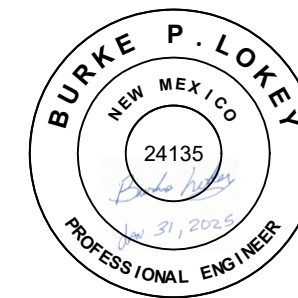
TOTAL LENGTH OF PROJECT 0.208 MILES

BEGINNING OF PROJECT
STA. 100+00.00

END OF PROJECT
STA. 111+00.00



VICINITY MAP



BOOK NUMBERS

NO BOOK No. FOR THIS PROJECT
DATA WAS ELECTRONICALLY COLLECTED

THESE PLANS WERE PREPARED
AND/OR ASSEMBLED BY:
WSP USA, INC.
(505) 881-5357

TYPE OF CONSTRUCTION:
ROADWAY CONSTRUCTION,
DRAINAGE IMPROVEMENTS
AND EARTHWORK.

THE 2019 EDITION OF THE NEW MEXICO DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS AND STANDARD DRAWINGS FOR HIGHWAY AND
BRIDGE CONSTRUCTION AND ANY PROJECT SPECIFIC CONTRACT DOCUMENTS
SHALL GOVERN CONSTRUCTION OF THIS PROJECT.

NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

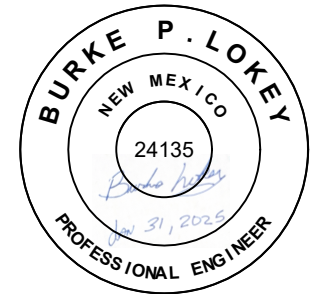
VICINITY MAP

PROJECT NO.	SHEET NO.
2014-0030A-PW/PL-2	1-3

INDEX OF SHEETS

NUMBER	DESCRIPTION	REV.DATE	SERIAL
1-SHEETS			
1-1	COVER		
1-2	VICINITY MAP		
1-3	INDEX OF SHEETS		
1-4	SUMMARY OF QUANTITIES		
1-5 to 1-6	GENERAL NOTES		
SUBTOTAL = 6 SHEETS			
2-SHEETS			
2-1	EXISTING TYPICAL SECTIONS		
2-2	PROPOSED TYPICAL SECTIONS		
2-3	MISCELLANEOUS DETAILS		
2-4 to 2-5	MISCELLANEOUS QUANTITIES		
2-6	CHANNEL GRADING PLAN		
2-7 to 2-8	GEOMETRIC LAYOUT		
SUBTOTAL = 8 SHEETS			
3-SHEETS			
3-0	EXISTING SURVEY		
3-00	EXISTING S.U.E.		
3-1 to 3-3	CR-54 PLAN AND PROFILE SHEETS		
3-4 to 3-5	DETOUR PLAN AND PROFILE SHEETS		
SUBTOTAL = 7 SHEET			
4-SHEETS			
4-1	TURNOUT PROFILE STA. 100+50 LT. AND STA. 101+86 LT.		
4-2	TURNOUT PROFILE STA. 107+60 RT.		
SUBTOTAL = 2 SHEETS			
5-SHEETS			
5-1	GENERAL NOTES / ESTIMATED QUANTITIES		
5-2	STRUCTURE LOCATION PLAN		
5-3	MODIFIED DROP INLET AT CBC DETAILS		
SUBTOTAL = 3 SHEET			
6-SHEETS			
6-1	SUGGESTED SEQUENCE OF CONSTRUCTION		
6-2	PHASE I - TRAFFIC CONTROL		
6-3	PHASE IA - TRAFFIC CONTROL		
6-4	PHASE I - WORK ZONE		
6-5	PHASE II - TRAFFIC CONTROL		
6-6	PHASE II - REMOVALS		
6-7	PHASE II - WORK ZONE		
6-8	PHASE III - TRAFFIC CONTROL		
6-9	PHASE III - REMOVALS		
6-10	PHASE III - WORK ZONE		
6-11	PHASE IV - TRAFFIC CONTROL		
6-12	PHASE IV - REMOVALS		
6-13	PHASE IV - WORK ZONE		
6-14	TRAFFIC CONTROL MISCELLANEOUS QUANTITIES		
6-15	TRAFFIC CONTROL SUMMARY OF QUANTITIES		
SUBTOTAL = 15 SHEETS			

NUMBER	DESCRIPTION	REV.DATE	SERIAL
7-SHEETS			
7-1	PERMANENT SIGNING & STRIPING PLAN		
7-2	PERMANENT SIGNING & STRIPING QUANTITIES		
SUBTOTAL = 2 SHEET			
8-SHEETS (NOT USED)			
SUBTOTAL = 0 SHEETS			
9-SHEETS (NOT USED)			
SUBTOTAL = 0 SHEETS			
10-SHEETS			
10-1 to 10-3	STRUCTURE PLACEMENT SECTIONS		
SUBTOTAL = 3 SHEET			
11-SHEETS (NOT USED)			
SUBTOTAL = 0 SHEET			
13-SHEETS			
13-1 to 13-19	CROSS SECTIONS CR-54		
13-20 to 13-41	CROSS SECTIONS DETOUR		
SUBTOTAL = 41 SHEET			
SUBTOTAL = 87 SHEETS			



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

INDEX OF SHEETS

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	PROJECT TOTALS	
			ESTIMATE	FINAL
201000	CLEARING AND GRUBBING	LS	1	
203000	UNCLASSIFIED EXCAVATION	C.Y.	4,000	
203100	BORROW	C.Y.	2,000	
203211	UNSTABLE SUBGRADE STABILIZATION	S.Y.	420	
207000	SUBGRADE PREPARATION	S.Y.	4,600	
210002	MAJOR STRUCTURE EXCAVATION	C.Y.	1,300	
210003	MAJOR STRUCTURE BACKFILL	C.Y.	300	
213000	OBLITERATING OLD ROAD	MILE	0.161	
303000	BASE COURSE	TON	1,320	
405000	DETOUR PAVEMENT CONSTRUCTION	S.Y.	2,800	
407000	ASPHALT MATERIAL FOR TACK COAT	TON	2	
408100	PRIME COAT MATERIAL	TON	8	
416104	MINOR PAVING TYPE I, HMA SP-IV	TON	900	
511000	STRUCTURAL CONCRETE, CLASS A	C.Y.	20	
511030	STRUCTURAL CONCRETE, CLASS AA	C.Y.	470	
511200	STRUCTURAL CONCRETE, CLASS A-4"	S.Y.	100	
540060	REINFORCING BARS GRADE 60	LB	129,000	
570024	24" CULVERT PIPE	LF	50	
570025	24" CULVERT PIPE END SECTION	EACH	1	
570042	42" CULVERT PIPE	LF	120	
570043	42" CULVERT PIPE END SECTION	EACH	4	
570154	24"Sx18"R (NOMINAL) CULVERT PIPE ARCH	LF	30	
570155	24"Sx18"R (NOMINAL) CULVERT PIPE ARCH END SECTION	EACH	2	
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1	
601100	REMOVAL OF SURFACING	LS	1	
602000	RIPRAP CLASS A	C.Y.	150	
603051	CLEAN WATER ACT COMPLIANCE WORK PLAN	LS	1	
603221	CHECK DAM TYPE II	LF	160	
603262	COMPOSTED MULCH SOCKS	LF	2,400	
603281	SWPPP PLAN PREPARATION AND MAINTENANCE	LS	1	
606001	SINGLE FACE W-BEAM GUARDRAIL	LF	325	
606052	END TREATMENT TL-2 END TERMINAL	EACH	4	
606062	TRANSITION METAL BARRIER TO RIGID BARRIER	EACH	4	
606542	CONCRETE WALL BARRIER 42"	LF	240	
606710	TCWB RETAINED BY THE CONTRACTOR (20')	LF	520	
607004	BARBED WIRE FENCE 4'	LF	470	
609200	HEADER CURB	LF	155	
618000	TRAFFIC CONTROL MANAGEMENT	LS	1	
621000	MOBILIZATION	LS	1	
623011	MEDIAN DROP INLET TYPE I (RURAL) H=0'-0" TO 3'-0"	EACH	1	
623312	CURB DROP INLET TYPE II-B, 0' TO 4'	EACH	2	
632020	CLASS C SEEDING	ACRE	1	
668000	DEWATERING	LS	1	
701000	PANEL SIGNS	S.F.	130	
701031	REMOVE AND RESET TRAFFIC SIGN	EACH	1	
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	LF	300	
702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION.	LS	1	
703003	OBJECT MARKER TYPE 3	EACH	8	
704000	RETROREFLECTORIZED PAINTED MARKINGS 4"	LF	13,200	
704100	REMOVABLE MARKING TAPE 4"	LF	3,500	
720060	VEHICULAR IMPACT ATTENUATOR UNIT - WORK ZONES	EACH	2	
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LS	1	
802000	POST CONSTRUCTION PLANS	LS	1	



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

SUMMARY OF QUANTITIES

File: J:\02 - Santa Fe Projects\CR 54 LT20020222\05 DWGs\Plan Sheets\01-Shts (Front Sheets)\CR54_1-4_Summary.DWG Date: Jun 10, 2025 - 10:33am

GENERAL CONSTRUCTION NOTES

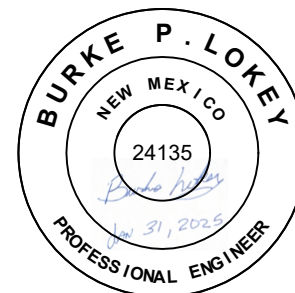
- ALL CONSTRUCTION TO BE PERFORMED UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE 2019 EDITION OF THE NEW MEXICO STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD DRAWINGS FOR HIGHWAY AND BRIDGE CONSTRUCTION (SSHBC).
- THE CONTRACTOR SHALL NOT INSTALL ITEMS AS SHOWN ON THESE PLANS WHEN FIELD CONDITIONS ARE DIFFERENT THAN SHOWN IN THE PLANS. SUCH CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE SANTA FE COUNTY PROJECTS ENGINEER IN A TIMELY MANNER. IN THE EVENT THAT CONTRACTOR DOES NOT NOTIFY THE ENGINEER IN A TIMELY MANNER, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY AND EXPENSE FOR ANY REVISIONS NECESSARY, INCLUDING ENGINEERING DESIGN FEES.
- THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES AT LEAST 48 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE PROJECT MANAGER.
- IN THE CASE OF CONFLICTS BETWEEN PLANS AND SPECIFICATIONS, RESOLUTION SHALL BE MADE BY USING THE MORE RESTRICTIVE REQUIREMENTS AS DETERMINED BY THE PROJECT MANAGER AND APPROVED BY SANTA FE COUNTY.
- ALL MATERIALS UTILIZED FOR CONSTRUCTION NEED TO BE SUBMITTED TO THE PROJECT MANAGER FOR APPROVAL PRIOR TO USE ON THE PROJECT.
- THE CONSTRUCTION CLEAR ZONE FOR THIS PROJECT IS THE ENTIRE PROJECT AREA INCLUDING DESIGNATED PARKING AREAS. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN THE CONSTRUCTION CLEAR ZONE, UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE PROJECT MANAGER BEFORE IMPLEMENTING. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- ALL ESTIMATED QUANTITY SCHEDULES IN THE PLANS ARE FOR ESTIMATING PURPOSES 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 CURRENT EDITION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN WATER FOR CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- ATTENDANCE AT THE PRE-CONSTRUCTION CONFERENCE (PRE-CON) AND BI-WEEKLY PROGRESS MEETINGS IS MANDATORY. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- PER SANTA FE COUNTY ORDINANCE 2003-1, THE CONTRACTOR MUST SUBMIT THE FOLLOWING DOCUMENTS TO THE TRAFFIC MANAGER (MATHEW MARTINEZ) AT THE PRE-CON:
 - CONTRACTORS LICENSE
 - COPY OF THEIR LIABILITY INSURANCE
 - COPIES OF THE PAYMENT AND PERFORMANCE BOND
 - COMPLETED PERMIT APPLICATION
 - TRAFFIC CONTROL PLAN STAMPED BY A PROFESSIONAL ENGINEER
 - PROJECT SCHEDULE
- SANTA FE COUNTY WAIVES ANY AND ALL RESPONSIBILITY AND IS NOT LIABLE FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY OR FOR PROBLEMS WHICH ARISE FROM FAILURE TO OBTAIN AND/OR FOLLOW SFC GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONVENIENCIES, AMBIGUITIES OR CONFLICTS.
- STORM WATER POLLUTION PREVENTION PLANS (SWPPP) SHALL BE SUBMITTED FOR APPROVAL BY SANTA FE COUNTY AT THE PRE-CON. AFTER COMPLETION OF THE PROJECT, THE CONTRACTOR IS REQUIRED TO MAINTAIN SWPPP CONTROLS THROUGHOUT THE WARRANTY PERIOD. AT THE END OF THE ONE YEAR WARRANTY PERIOD ALL TEMPORARY SWPPP CONTROLS SHALL BE REMOVED. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT PRICE FOR "603000 - STORM WATER POLLUTION PREVENTION PLANS AND MAINTENANCE" AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE. EPA NOTICE OF INTENT (NOI) IS REQUIRED 7 DAYS PRIOR TO PRE-CON, AND PROVIDED TO SANTA FE COUNTY.
- CONTRACTOR SHALL SUBMIT ASTM OR AASHTO CERTIFICATES OF MATERIALS COMPLIANCE TO THE OWNERS REPRESENTATIVE, AND THE SANTA FE COUNTY PROJECT ENGINEER, NO LESS THAN 5 DAYS PRIOR TO INITIATING ANY WORK INVOLVING SUCH MATERIALS.
- SANTA FE COUNTY INITIATED PRECONSTRUCTION CONFERENCE SHALL BE CONDUCTED IN THE PRESENCE OF THE PROJECT ENGINEER AND/OR THE OWNERS PROJECT REPRESENTATIVE (OPR) PRIOR TO THE INITIATION OF ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL NOTIFY THE COUNTY NO LESS THAN 24 HOURS FROM THE BEGINNING OF ANY CONSTRUCTION WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THIS PROJECT. IF ADDITIONAL REMOVALS NOT LISTED IN THE PLANS ARE NECESSARY TO COMPLETE THIS PROJECT, THE WORK AND COSTS ASSOCIATED WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR REMOVAL OF STRUCTURES AND OBSTRUCTIONS AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- THE CONTRACTOR WILL PROVIDE AT ITS OWN EXPENSE AND WITH OUT ANY LIABILITY TO SANTA FE COUNTY ADDITIONAL LAND AND ACCESS THERETO THAT THE CONTRACTOR MAY DESIRE FOR A TEMPORARY STAGING AREA OR ESTABLISHMENT OF A YARD FOR STORAGE OF EQUIPMENT AND MATERIALS. CONTRACTOR IS RESPONSIBLE FOR COUNTY ENVIRONMENTAL & ARCHAEOLOGICAL CLEARANCES, TAXES AND FEES. BEST MANAGEMENT PRACTICES AND CLEANUP SHALL APPLY TO ANY SUCH AREAS OR YARDS UTILIZED FOR THE PROJECT.
- ALL CONTRACTOR WORK ACTIVITY SHALL BE CONFINED TO THE CONSTRUCTION LIMITS OF THE PROJECT. THERE SHALL BE NO ENCROACHMENT ONTO ADJACENT PROPERTIES, EITHER DURING CONSTRUCTION OR THROUGH ESTABLISHMENT AND USE OF THE CONTRACTORS STAGING YARD(S) UNLESS LEGAL EASEMENTS(S)/AGREEMENT(S) IS/ARE EXECUTED AND APPROVED BY THE PROJECT MANAGER.
- THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF MATERIAL (I.E. ASPHALT, CONCRETE, VEGETATION, UNSTABLE EARTH, METAL AND 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 WILL BE RESPONSIBLE FOR ALL LANDFILL DUMPING FEES & HAULING INVOLVED AND THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.

UTILITIES

- INFRASTRUCTURE CONSTRUCTION SHALL CONFORM TO APPLICABLE SECTIONS OF THE NEW MEXICO DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, 2019 EDITION", INCLUDING LATEST PUBLISHED AMENDMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND POTHOLE ANY POTENTIAL UTILITY CONFLICTS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO PUBLIC OR PRIVATE PROPERTY, INCLUDING UTILITIES. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE. RELOCATION OF UTILITIES WITHIN SANTA FE COUNTY RIGHT OF WAY SHALL BE THE RESPONSIBILITY OF THE INDIVIDUAL UTILITY COMPANY AS PER SANTA FE COUNTY ORDINANCE 2003-1.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL UNDERGROUND UTILITIES DURING THE COURSE OF WORK REGARDLESS OF ANY LOCATION SHOWN ON THE PLANS OR OTHER FIELD EVIDENCE, OR LACK THEREOF. NOTIFICATION TO NEW MEXICO ONE CALL AT 811 FOR UTILITY LOCATES A MINIMUM OF 48 HOURS IN ADVANCE OF ANY EXCAVATION IS REQUIRED. MAINTENANCE OF UTILITY LOCATES SHALL BE CONTINUED THROUGHOUT THE PROJECT LIFE. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE SCHEDULING OF WORK WITH THE RESPECTIVE UTILITY OWNERS. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- CONTRACTOR SHALL COORDINATE ACTIVITIES TWO WEEKS PRIOR TO CONSTRUCTION WITH ALL UTILITY OWNERS WHEN WORKING NEAR OR AROUND ANY UTILITIES WITHIN CONTRACT BOUNDARY. THE CONTRACTOR IS ADVISED THAT UTILITY RELOCATIONS MAY HAVE TO BE PERFORMED CONCURRENT WITH CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE FOR UTILITY WORK IN CONJUNCTION WITH CONSTRUCTION OPERATIONS AND SHALL BE REQUIRED TO COORDINATE THE SCHEDULING OF WORK WITH THE RESPECTIVE UTILITY OWNERS HAVING GIVEN AT LEAST TWO WEEKS ADVANCE NOTICE. ANY CLAIMS FOR DELAY SHALL BE CONTROLLED BY THE TERMS AND CONDITIONS OF SUBSECTION 105.6 "COOPERATION WITH UTILITIES" AND 107.21 "CONTRACTOR RESPONSIBILITY FOR UTILITY PROPERTY AND SERVICES" OF THE SSHBC. UTILITY CONTACT INFORMATION IS PROVIDED. THIS SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- SANTA FE COUNTY ORDINANCE 2003-01 – AN ORDINANCE REGULATING PROCEDURES FOR WORKING IN, DISTURBING AND REPAIRING COUNTY PROPERTY AND RIGHTS OF WAY. THE COUNTY EXPRESSLY RESERVES THE RIGHT TO CHANGE THE GRADE, INSTALL, RELOCATE, OR WIDEN THE PUBLIC RIGHT OF WAYS WITHIN THE COUNTY AND SUBJECT TO ALL REGULATORY APPROVALS, THE FACILITY OWNER SHALL RELOCATE, AT ITS OWN EXPENSE, ITS FACILITIES AND APPURTENANCES IN ORDER TO ACCOMMODATE THE PAVING, INSTALLATION, RELOCATION, WIDENING, OR CHANGING OF THE GRADE OR LOCATION OF ANY SUCH PUBLIC RIGHT OF WAY, INCLUDING IF NECESSARY, RELOCATING FACILITIES TO A SUFFICIENT DISTANCE WITHIN THE RIGHT OF WAY AND TO PERMIT A REASONABLE WORK ARE FOR MACHINERY AND INDIVIDUALS ENGAGED IN SUCH OR TO PROTECT THE HEALTH, SAFETY, OR WELFARE OF THE PUBLIC.

EXCAVATION AND BACKFILL

- BORROW MATERIAL PLACED WITHIN TWO (2) FEET VERTICALLY AND Laterally OF THE FINAL SUBGRADE ELEVATIONS SHALL MEET THE DESIGN R-VALUE AS SHOWN ON THE PLANS. PRIOR TO BORROW OPERATIONS THE CONTRACTOR SHALL PERFORM R-VALUE TESTING IN ACCORDANCE WITH AASHTO T-190 AT THE BEST FIT EXUDATION PRESSURE OF 300 PSI FOR EACH BORROW SOURCE. DURING BORROW PLACEMENT IF THE PROJECT MANAGER OBSERVES CHANGES IN SOIL PROPERTIES, INCLUDING GRADATION, PLASTICITY LIMITS OR ANY OTHER PROPERTIES, ADDITIONAL AASHTO T-190 TESTS MAY BE REQUIRED.
- EARTHWORK HAUL AND EMBANKMENT FILL. THE EARTHWORK HAUL AND EMBANKMENT FILL ON THIS PROJECT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR "203000 – UNCLASSIFIED EXCAVATION", AS APPLICABLE, AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL WARP SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT OF WAY OR CONSTRUCTION EASEMENT LIMITS. THIS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT PRICE FOR "203000 - UNCLASSIFIED EXCAVATION", AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL SEED ANY AREAS DISTURBED BY CONSTRUCTION ACTIVITY. REVEGETATION SHALL BE CONSIDERED INCLUDED IN THE CONTRACT PRICE FOR "632020 - CLASS C SEEDING" AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL DISPOSE ALL MATERIALS AND SPOILS PER LOCAL CODES OF CITY, COUNTY, STATE AND FEDERAL REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, DISPOSAL AND HAUL OF MATERIALS REQUIRED TO COMPLETE THE PROJECT. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT PRICE FOR "601000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS", AND THE CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR UNLISTED REMOVALS.
- THE CONTRACTOR SHALL GRADE TO DRAIN AND ENSURE THAT EACH STRUCTURE WILL DRAIN AND FLOW PROPERLY.
- PRESERVE THE MATERIAL BELOW AND BEYOND THE LINES AND GRADES WHILE CONDUCTING EXCAVATION OPERATIONS.
- BEFORE BEGINNING EXCAVATION, GRADING, AND EMBANKMENT OPERATIONS, PERFORM THE NECESSARY CLEARING AND GRUBBING IN ACCORDANCE WITH SSHBC SECTION 201, "CLEARING AND GRUBBING". NOTIFY THE PROJECT MANAGER BEFORE OPENING EXCAVATION OR BORROW AREAS.
- TAKE CROSS SECTION ELEVATIONS OF THE GROUND SURFACE BEFORE OPENING EXCAVATION OR BORROW AREAS.
- DEWATERING IS ANTICIPATED. ALL DEWATERING SHALL BE PAID FOR UNDER ITEM No. 668000 - DEWATERING..
- STORMWATER MANAGEMENT AND STORMWATER DIVERSION DURING CONSTRUCTION SHALL BE PERFORMED BY THE CONTRACTOR. ALL WORK ASSOCIATED WITH STORMWATER MANAGEMENT AND STORMWATER DIVERSION DURING CONSTRUCTION SHALL BE INCLUDED IN ITEM 603281 – SWPPP PREPARATION AND MAINTENANCE – AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

GENERAL NOTES

File: J:\02 - Santa Fe Projects\CR 54 LT20020222-05 DWG\Plan Sheets\01-Shts (Front Sheets)\CR54_1-5 Gen Notes.DWG Date: Jan 07, 2025 10:27am

PROJECT NO.	SHEET NO.
2014-0030A-PW/PL-2	1-6

TRAFFIC CONTROL

1. TRAFFIC CONTROL MANAGEMENT SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 618 TRAFFIC CONTROL MANAGEMENT OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION NEW MEXICO STATE DEPARTMENT OF TRANSPORTATION 2019 EDITION. AS PART OF TRAFFIC CONTROL MANAGEMENT A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED. THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED ON 11" X 17" PAPER AND SHALL BE STAMPED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO.
2. TRAFFIC CONTROL DEVICES, SHALL BE INSTALLED, MAINTAINED, AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS. TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST PUBLISHED EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
3. TRAFFIC SIGNS MOUNTED ON PORTABLE SUPPORTS SHOULD NOT BE USED FOR A DURATION OF MORE THAN THREE (3) DAYS. ALL TEMPORARY CONSTRUCTION SIGNAGE WILL BE PLACED ON A PERMANENT SIGN POST IF SIGN NEEDS TO REMAIN IN THE SAME PLACE FOR LONGER THAN THREE (3) DAYS.

SURVEY

1. MAINTENANCE OF AS-BUILT PLANS. THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT MANAGER THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE PROJECT MANAGER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. UPON 50% COMPLETION OF THE PROJECT THE CONTRACTOR SHALL SUBMIT PROGRESS AS-BUILT PLANS TO THE PROJECT MANAGER FOR REVIEW. THE FINAL AS-BUILT PLANS BEARING THE SIGNED SEAL AND CERTIFICATION OF THE CONTRACTOR'S SURVEYOR SHALL BE SUBMITTED TO THE PROJECT MANAGER PRIOR TO ANY FINAL PAYMENT, THIS WORK IS INCLUDED IN THE CONTRACT PRICE FOR "801000 - CONSTRUCTION STAKING BY THE CONTRACTOR" AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
2. THE CONTRACTOR SHALL BE REQUIRED TO FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, LENGTHS, WIDTHS AND CONTROL POINTS PRIOR TO COMMENCING ANY WORK ON THE PROJECT. THIS WORK WILL BE CONSIDERED INCLUDED IN THE CONTRACT PRICE FOR "801000 - CONSTRUCTION STAKING BY THE CONTRACTOR" AND NO ADDITIONAL MEASUREMENT OR PAYMENT WILL BE MADE.
3. THE CONTRACTOR'S SURVEYOR SHALL BE A LICENSED NEW MEXICO PROFESSIONAL LAND SURVEYOR.
4. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT HORIZONTAL AND VERTICAL CONTROL SURVEY MONUMENTS (MARK) 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 BENCH MARK RESET PROCEDURES, NATIONAL GEODETIC SURVEY, SEPTEMBER 2010. CONSTRUCTION STAKING DOCUMENTATION WILL BECOME THE PROPERTY OF THE COUNTY WHEN THE WORK IS COMPLETE. PROVIDE CONSTRUCTION-STAKING DOCUMENTATION TO THE PROJECT MANAGER. SUBMIT EARTHWORK QUANTITIES, SLOPE STAKING, SURFACE EXTRACTED CROSS SECTIONS AND EARTHWORK CALCULATIONS TO THE PROJECT MANAGER FOR REVIEW BEFORE COMPLETING THAT PHASE OF WORK. ENSURE A NEW MEXICO LICENSED PROFESSIONAL SURVEYOR OR PROFESSIONAL ENGINEER STAMPS AND CERTIFIES THE QUANTITIES AND ALL SUBMITTALS. THE COUNTY WILL NOT ACCEPT EARTHWORK QUANTITIES UNTIL THE PROJECT MANAGER REVIEWS AND APPROVES THESE QUANTITIES. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT PRICE FOR "801000 - CONSTRUCTION STAKING BY THE CONTRACTOR" AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.

PAVEMENT, SIDEWALK, CURB AND GUTTER

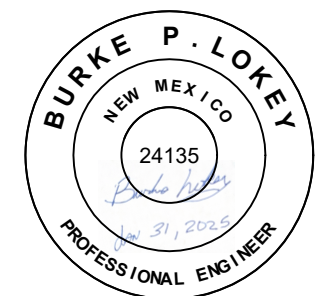
1. IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE PAVEMENT DROP-OFF PROCEDURES IN ACCORDANCE WITH NMDOT'S CURRENT PAVEMENT DROP-OFF POLICY. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE.
2. THE PROJECT MANAGER WILL EVALUATE HMA TEST RESULTS ACCORDING TO THE FREQUENCY INDICATED IN THE NMDOT MINIMUM TESTING REQUIREMENTS AND IN ACCORDANCE WITH SSHBC SECTION 423 FOR HOT-MIX-ASPHALT-SUPERPAVE (QLA AND NON-QLA). IN THE EVENT AN INDIVIDUAL TEST REPORT OF THE MATERIAL CHARACTERISTICS ARE OUTSIDE THE ACCEPTANCE TESTING TOLERANCES LISTED IN TABLE 423.3.6.2.1:1 OR A PAVEMENT DENSITY TEST IS BELOW 92%, THE PROJECT MANAGER WILL DETERMINE WHETHER THE MATERIAL PLACED DURING THE DAY'S PRODUCTION IS ACCEPTABLE, WILL NEED TO BE REMOVED AND REPLACED, WILL BE SUBJECT TO A PRICE REDUCTION, OR IF CORRECTIVE ACTION IS REQUIRED TO BRING THE MATERIAL BACK INTO SPECIFICATION.
3. SAWCUT LOCATIONS SHALL BE DETERMINED BY THE PROJECT MANAGER. SAWCUTTING SHALL BE CONSIDERED INCLUDED IN THE CONTRACT PRICE FOR "601000 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS" AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.

PERMITTING

1. THE CONTRACTOR WILL BE RESPONSIBLE FOR SECURING SWPPP PERMITS AS REQUIRED BY APPLICABLE COUNTY, STATE, AND FEDERAL REGULATIONS.
2. THE CONTRACTOR SHALL IDENTIFY THEIR BORROW SOURCE AND SECURE ALL PERMITS AND ENVIRONMENTAL CLEARANCES REQUIRED BY ALL APPLICABLE SPECIFICATIONS PRIOR TO THE PRECONSTRUCTION CONFERENCE. THIS INFORMATION SHALL BE PROVIDED TO THE OWNER AND THE OWNERS PROJECT REPRESENTATIVE AT LEAST ONE WEEK PRIOR TO THE PRECONSTRUCTION CONFERENCE.
3. A SANTA FE COUNTY EXCAVATION RESTORATION PERMIT IS REQUIRED FOR THIS PROJECT. HOWEVER SANTA FE COUNTY WILL WAIVE THE PERMIT FEE. CONTACT MATHEW MARTINEZ AT SANTA FE COUNTY TRAFFIC DEPARTMENT FOR ADDITIONAL INFORMATION AND DETAILS 505-992-3020.

INCIDENTAL ITEMS

1. DISPOSAL OF VARIOUS MATERIAL INCIDENTAL TO THE COMPLETION OF THE PROJECT.
2. WEEKLY PROJECT MEETING INCIDENTAL TO CONSTRUCTION.
3. CONSTRUCTION WATER INCIDENTAL TO COMPLETION OF PROJECT.
4. HANDLING OF MATERIAL INCIDENTAL TO CONSTRUCTION.
5. STORMWATER MANAGEMENT AND STORMWATER DIVERSION.



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

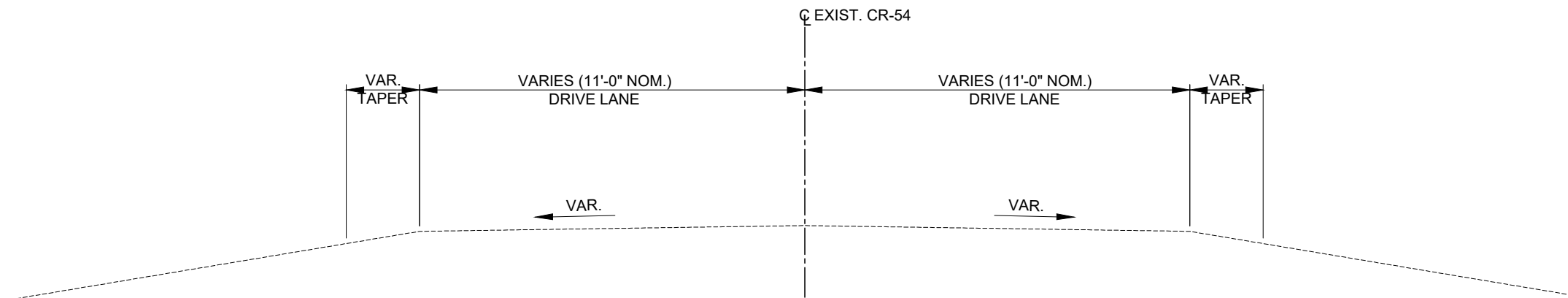
GENERAL NOTES

DESIGN SPEED

COUNTRY ROAD 54	- 25 MPH
POSTED SPEED	- 25 MPH

LENGTH OF PROJECT

STATION	to	STATION	FEET	MILES	REMARKS
100+00	to	111+00	1,100	0.208	B.O.P. TO E.O.P.
TOTAL			1,100	0.208	



EXISTING CR-54 TYPICAL SECTION

PAVEMENT CORE DATA TABLE

CORE No.	STATION	OFFSET	THICKNESS
2	100+40	6' LEFT	4"
2a	100+60	6' RIGHT	3.5"
1	108+70	6' LEFT	2"
1a	108+20	6' RIGHT	2"

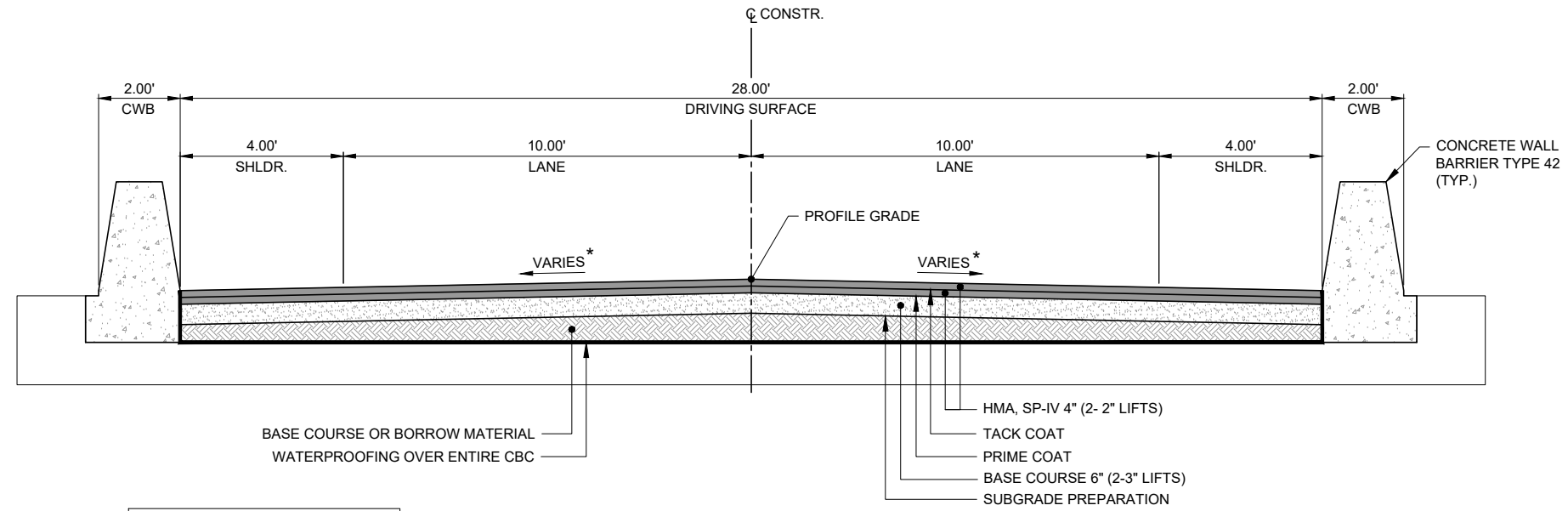
NOTE:
PAVEMENT CORE DATA PROVIDED FOR
CONTRACTOR INFORMATION



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

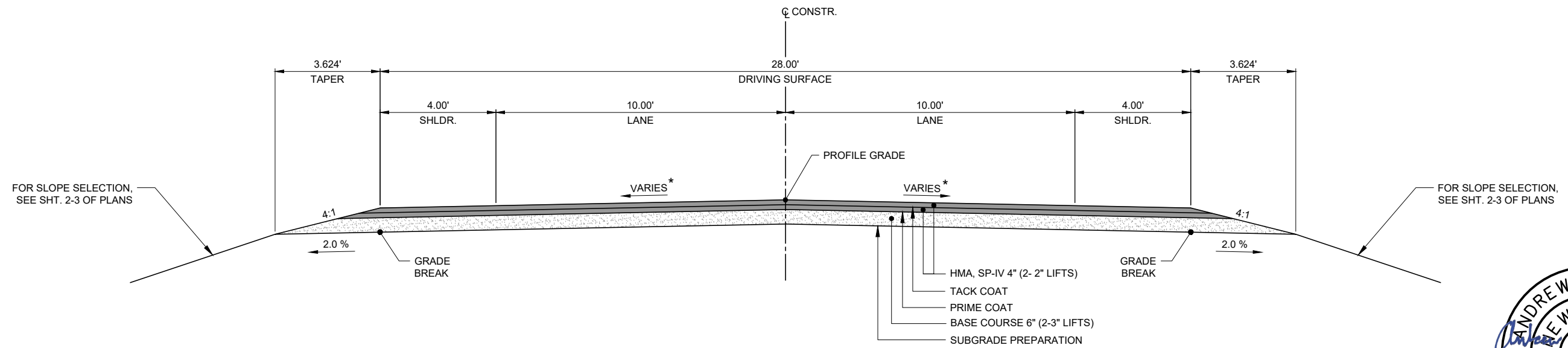
SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

EXISTING
TYPICAL SECTIONS



* NOTE:
SEE SUPERELEVATION DIAGRAM
ON SHEETS 3-1 to 3-3, FOR
ROADWAY CROSS SLOPE.

TYPICAL SECTION "B"
STA. 104+61.01 TO STA. 105+49.97



* NOTE:
SEE SUPERELEVATION DIAGRAM
ON SHEETS 3-1 to 3-3, FOR
ROADWAY CROSS SLOPE.

TYPICAL SECTION "A"
STA. 100+00.00 TO STA. 104+61.01
STA. 105+49.97 TO STA. 111+00.00



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

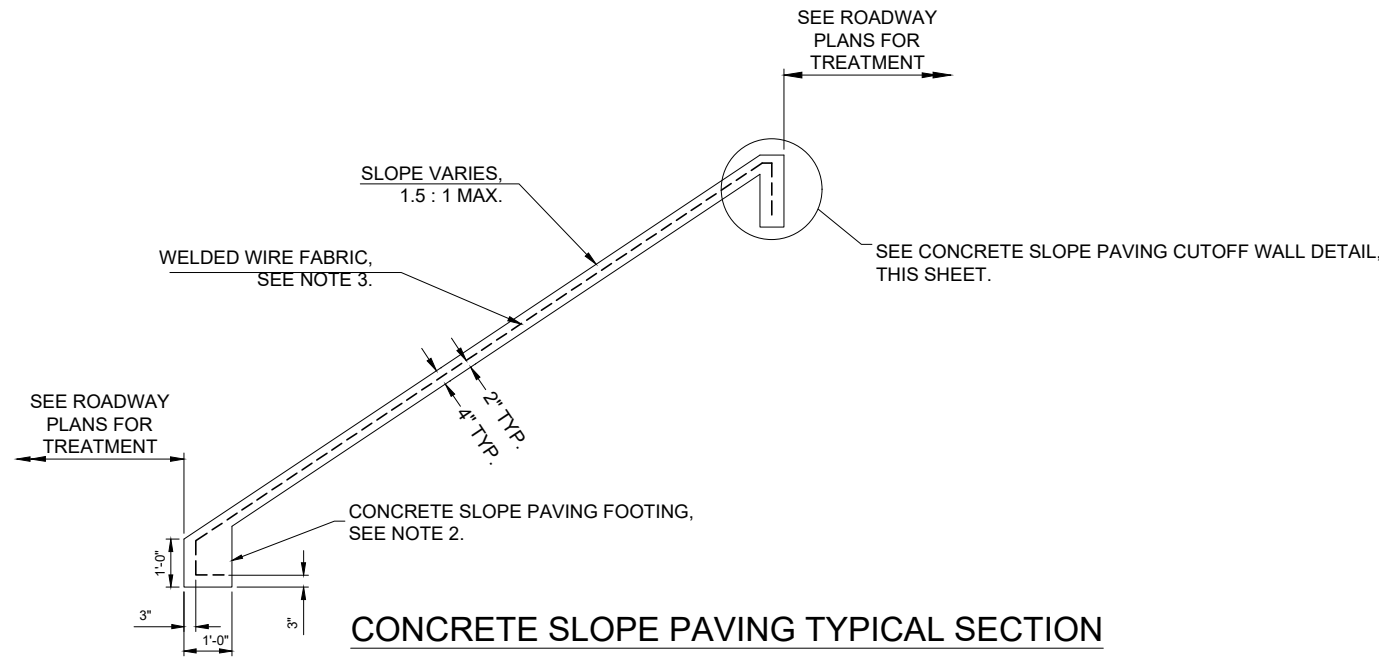
SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

PROPOSED
TYPICAL SECTIONS

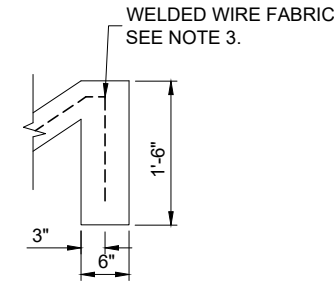
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CONCRETE SLOPE PAVING NOTES:

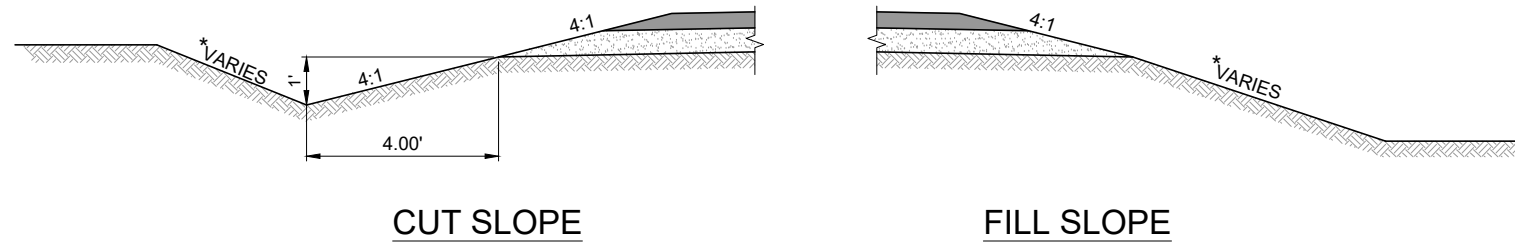
1. SLOPE PAVING CONCRETE SHALL BE STRUCTURAL CONCRETE CLASS "A".
2. CONCRETE SLOPE PAVING SHALL BE PAID FOR UNDER ITEM NO. 511200 - STRUCTURAL CONCRETE, CLASS A-4", MEASURED BY AREA OF THE EXPOSED SURFACE OF THE PAVEMENT. CONCRETE SLOPE PAVING CUT OFF WALLS AND FOOTINGS SHALL BE INCLUDED IN THE COST OF ITEM NO. 511200 AND NO ADDITIONAL MEASUREMENT OR PAYMENT SHALL BE MADE.
3. WELDED WIRE FABRIC SHALL BE 6 X 6, W2.9 X W2.9 (WT. 0.42 LBS./SQ. FT.) CONFORMING TO SECTION 540 OF NMDOT STANDARD SPEC. SPLICES IN WELDED WIRE FABRIC SHALL BE MADE WITH A LAP OF AT LEAST 6". WELDED WIRE FABRIC SHALL BE INCLUDED IN THE COST OF ITEM NO. 511200 AND NO ADDITIONAL MEASUREMENT OR PAYMENT SHALL BE MADE.
4. SEE NMDOT STD. DWG. 511-05 FOR DUMMY JOINT AND PERMISSIBLE KEYED CONSTRUCTION JOINT DETAILS. PLACE DUMMY JOINTS AT 15'-0" SPACING. CONSTRUCTION JOINT LOCATIONS SHALL BE APPROVED BY THE PROJECT MANAGER.
5. SEE ROADWAY PLAN & PROFILES (3-SERIES) AND TYPICAL SECTIONS FOR SLOPE PAVING LOCATIONS.



CONCRETE SLOPE PAVING TYPICAL SECTION

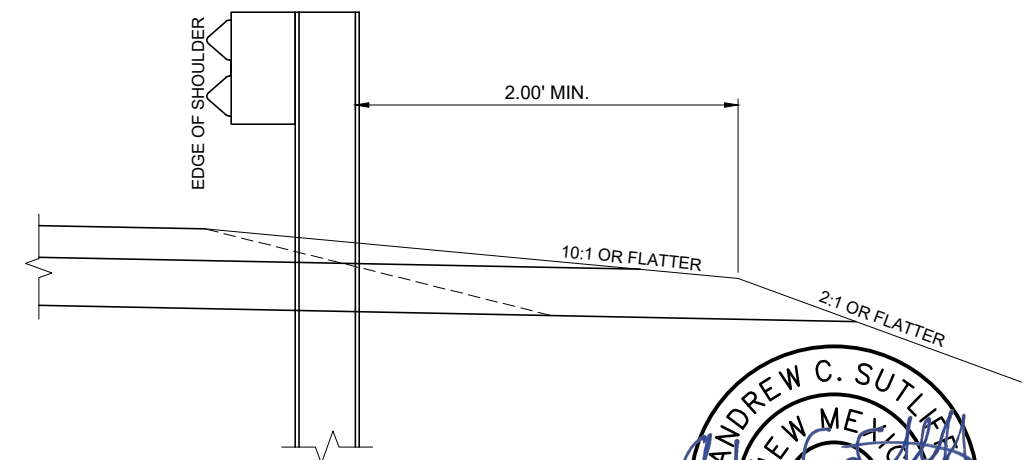


TYPICAL CUTOFF WALL



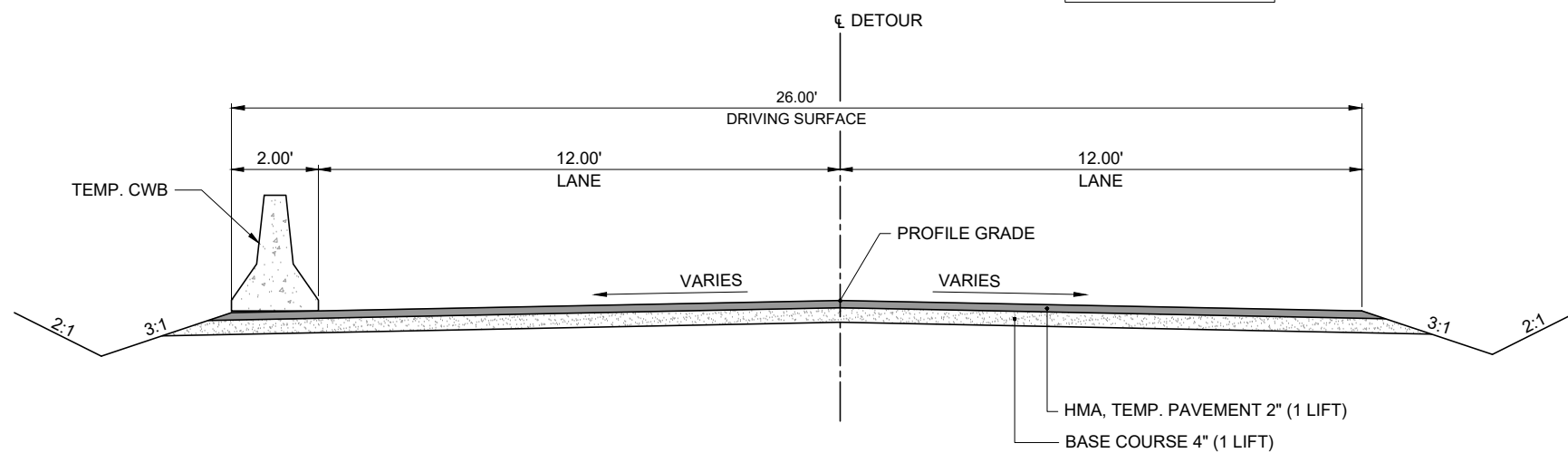
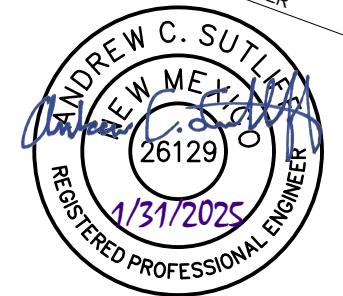
SLOPE SELECTION DETAILS

* NOTE:
SEE CROSS
SECTION SHEETS



METAL BARRIER LAYOUT DETAIL

FOR ADDITIONAL DETAILS, SEE NMDOT
STANDARD DRAWING 606-GR31-6/20



DETOUR TYPICAL SECTION

NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

MISCELLANEOUS DETAILS

SURFACING SCHEDULE

STATION TO STATION	DESCRIPTION	LENGTH (FT)	207000		303000			407000		408100		416014			**		**			
			AVG. WIDTH (FT.)	(S.Y.)	AVG. WIDTH (FT.)	DEPTH (IN.)	(S.Y.)	TON	AVG. WIDTH (FT.)	TON	AVG. WIDTH (FT.)	TON	AVG. WIDTH (FT.)	DEPTH (IN.)	(S.Y.)	TON **	TON	TON		
100+00.00 - 104+61.01	CR54 (NORTH OF CBC)	461.01	35.22	1803.93	33.04	6.00	1692.57	514.82	29.44	0.50	30.87	2.96	29.44	4.00	1,507.76	335.06	16.75	3.35		
104+61.01 - 105+49.97	CR54 (OVER CBC)	88.96	0.00	0.00	28.00	6.00	276.76	84.18	28.00	0.09	28.00	0.52	28.00	4.00	276.76	61.50	3.08	0.62		
105+49.97 - 111+00.00	CR54 (SOUTH OF CBC)	550.03	35.22	2152.27	33.04	6.00	2019.40	614.24	29.44	0.60	30.87	3.54	29.44	4.00	1,798.90	399.76	19.99	4.00		
0+14.48 - 00+29.80	TURNOUT STA. 100+49.50 LT	15.32	26.45	45.02	23.00	4.00	39.15	7.94	21.00	0.01	0.00	0.00	20.00	2.00	34.04	3.78	0.19	0.04		
0+14.00 - 00+51.00	TURNOUT STA. 101+85.80 LT.	37.00	38.10	156.63	33.13	4.00	136.20	27.62	31.00	0.04	0.00	0.00	28.81	2.00	118.44	13.16	0.66	0.13		
0+14.00 - 00+85.78	TURNOUT STA. 107+32.35 RT.	71.78	47.73	380.67	41.51	4.00	331.07	67.13	38.80	0.10	0.00	0.00	36.10	2.00	287.92	31.99	1.60	0.32		
SUB-TOTAL:			4538.53		1315.93			1.35		7.02		4023.83			845.25		42.26		8.45	
PROJECT TOTAL:			4538.53		1315.93			1.35		7.02		4023.83			845.25		42.26		8.45	
USE:			4600		1320			2		8		900								

ESTIMATED SURFACING FACTORS

ITEM	PG 70-28+	PG 76 - 22	SEC. 407***	SEC. 408***	UNIT WEIGHT	HYDRATED LIME	GALLONS PER TON
UNTREATED BASE COURSE					3650 **		
MINOR PAVEMENT		5.0 **			4000 **	1.0 **	
BITUMINOUS MAT. FOR TACK COAT			0.08 ***				240
PRIME COAT MATERIAL				0.45 ***			240

FOR CONTRACTORS INFORMATION ONLY.

** FOR ESTIMATING PURPOSES ONLY, ACTUAL WEIGHTS OR PERCENT SHALL BE DETERMINED BY APPROVED MIX DESIGN.

*** FOR ESTIMATING PURPOSES ONLY, APPLICATION RATE WILL BE DETERMINED BY THE PROJECT MANAGER

ESTIMATED STRUCTURE QUANTITIES

KEYNOTE REF.	STATION	DESCRIPTION	STRUCTURE SIZE	210002	210003	511030	540060	570024	570025	570042	570043	570154	570155	623011	623312
				MAJOR STRUCTURE EXCAVATION	MAJOR STRUCTURE BACKFILL	STRUCTURAL CONCRETE CLASS AA	REINFORCING BARS GRADE 60	24" CULVERT PIPE	24" CULVERT PIPE END SECTION	42" CULVERT PIPE	42" CULVERT PIPE END SECTION	24"x18"R (NOMINAL) CULVERT PIPE ARCH	24"x18"R (NOMINAL) CULVERT PIPE ARCH END SECTION	MEDIAN DROP INLET TYPE I (RURAL) H=0'-0" TO 3'-0"	CURB DROP INLET TYPE II-B, 0' TO 4'
SS-1	105+05.49	BUILD 2 - 3 BARREL 12'S x 8'R x 41.6'L CONCRETE BOX CULVERTS SKEW 30° LF DESIGN FILL "A" WITH HEADWALLS (LT. AND RT.), WINGWALLS (LT. AND RT.) AND CONCRETE APRON (OUTLET ONLY). BUILD 2 - MODIFIED DROP INLETS AT LOW POINT STATION 104+82.93 (12.167' LT. & RT.)	12'S x 8'R x 41.6'L CBC	1260	290	464	128900								2
SS-2	100+43.80; 22.13' LT. (TURNOUT)	BUILD 1 - 24"Sx18"R"x30'L CULVERT PIPE ARCH (15° SKEW RF) w/ END SECTIONS LT. & RT.	24"S x 18"R x 30'L									30.00	2		
SS-3	107+94.63	BUILD 1 - MEDIAN DROP INLET TYPE I (RURAL) H=3'-0" BUILD 1 - 24"x41' CULVERT PIPE (15° SKEW RF) w/ END SECTION LT.	24" x 41'					41.00	1					1	
SS-4	303+63.00	BUILD 2 - 42"x60' TEMPORARY CULVERT PIPES (30° SKEW LF) w/ END SECTIONS LT. & RT.	42" x 60'							120.00	4				
PROJECT TOTAL:				1260	290	464	128900	41.00	1	120.00	4	30.00	2	1	2
PROJECT USE:				1300	300	470	129000	50	1	120	4	30	2	1	2

ITEM NO's 20300 & 203100 EARTHWORK SUMMARY

STATION TO STATION	203000		FILL			203100	REMARKS
	UNCLASSIFIED EXCAVATION	EMB	SHRINK 20%	TOTAL	BORROW		
300+00.00 - 308+54.45		1,232.72	1,342.96	268.59	1,611.55	378.83	BUILD DETOUR
100+00.00 - 111+00.00		888.89	1,775.64	355.13	2,130.77	1,241.88	BUILD PERMANENT ROAD
300+00.00 - 308+54.45		1,342.96	1,232.72	246.54	1,479.26	136.30	REMOVE DETOUR
PROJECT TOTAL:		3,464.57	4,351.32	870.26	5,221.58	1,757.01	BORROW = (EMB + SHRINK) - UNC EXC
PROJECT USE:		4,000				2,000	

CONSTRUCTION ENGINEERING & LUMP SUM ITEMS

ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY
201000	CLEARING AND GRUBBING	LUMP SUM	LS
601000	REMOVAL OF STRUCTURES & OBSTRUCTIONS	LUMP SUM	LS
603051	CLEAN WATER ACT COMPLIANCE WORK PLAN	LUMP SUM	LS
603281	SWPPP PLAN PREPARATION AND MAINTENANCE	LUMP SUM	LS
618000	TRAFFIC CONTROL MANAGEMENT	LUMP SUM	LS
621000	MOBILIZATION	LUMP SUM	LS
668000	DEWATERING	LUMP SUM	LS
702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	LUMP SUM	LS
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	LUMP SUM	LS
802000	POST CONSTRUCTION PLANS	LUMP SUM	LS

TEMPORARY EROSION & SEDIMENT CONTROL QUANTITIES

STATION	TO	STATION	603262	603221
			COMPOSTED MULCH SOCKS	CHECK DAM TYPE II
100+00.00	--	111+00.00	2310	160
PROJECT TOTAL:			2310	160
PROJECT USE:			2400	160



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO
MISCELLANEOUS QUANTITIES

**ITEM NO. 602000
RIPRAP CLASS A**

STATION	TO	STATION	LOC.	QUANTITY CU. YD.
103+88.00		104+25.00	RT.	15.00
105+07.00		105+07.00	RT.	16.00
105.81.11		107+05.00	RT.	52.00
PROJECT TOTAL:				83.00
PROJECT USE:				90

**ITEM NO. 607004
BARBED WIRE FENCE 4'**

KEYNOTE REF.	STATION	TO	STATION	LOC.	LIN.FT.	REMARKS
BWF-1	105+97.23		111+00.00	LT.	467.00	ALONG EASEMENT
PROJECT TOTAL:					467.00	
PROJECT USE:					470	

NOTE: FINAL LOCATION SHALL BE DETERMINED BY THE PROJECT MANAGER.

**ITEM NO. 606532
CONCRETE WALL BARRIER 32"**

KEYNOTE REF.	STATION	TO	STATION	LOC.	LIN.FT.	REMARKS
CWB-1	104+55.66		105+73.42	LT	117.00	
CWB-2	104+38.34		105+55.34	RT	117.00	
PROJECT TOTAL:					234.00	
PROJECT USE:					240	

**ITEM NO. 632020
CLASS "C" SEEDING**

STATION	TO	STATION	LOC.	QUANTITY ACRE
100+00.00		111+00.00	LT. & RT.	0.75
PROJECT TOTAL:				0.75
PROJECT USE:				1.00

**ITEM NO. 511200
CONCRETE CLASS "A"**

STATION	TO	STATION	LOC.	QUANTITY CU. YD.
105+40.23		105+81.13	RT.	17.74
PROJECT TOTAL:				17.74
PROJECT USE:				20

**ITEM NO. 609200
HEADER CURB**

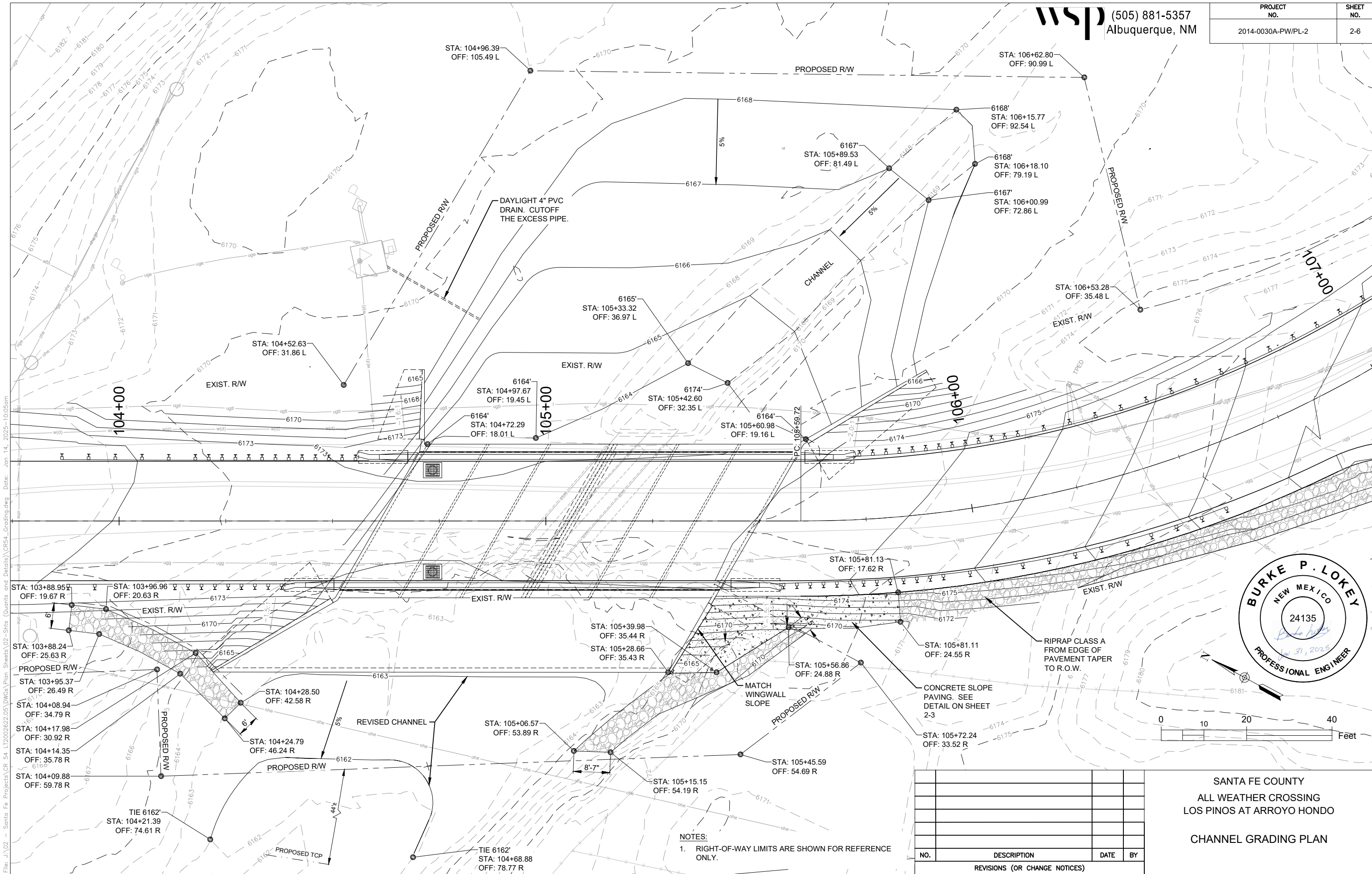
KEYNOTE REF.	STATION	TO	STATION	LIN.FT.	REMARKS
HC-1	107+23.24; 88.36' RT		108+25.00; 14.00' RT	151.00	@ TURNOUT STA. 107+33
PROJECT TOTAL:				151.00	
PROJECT USE:				155	



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

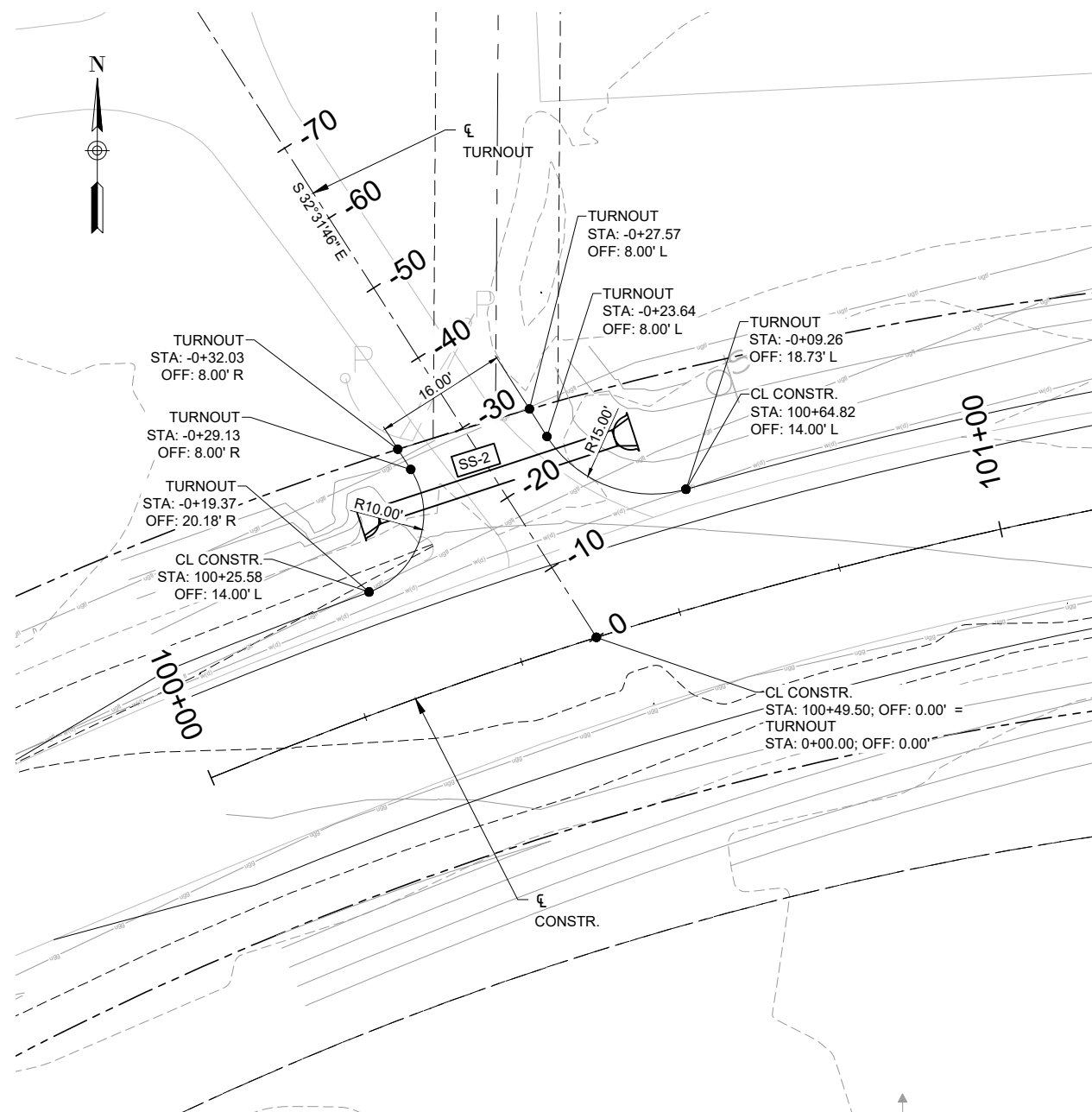
MISCELLANEOUS QUANTITIES



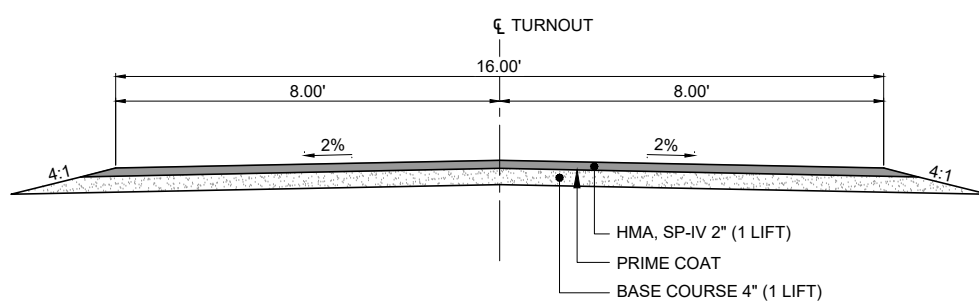
- NOTES:**
- RIGHT-OF-WAY LIMITS ARE SHOWN FOR REFERENCE ONLY.

NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

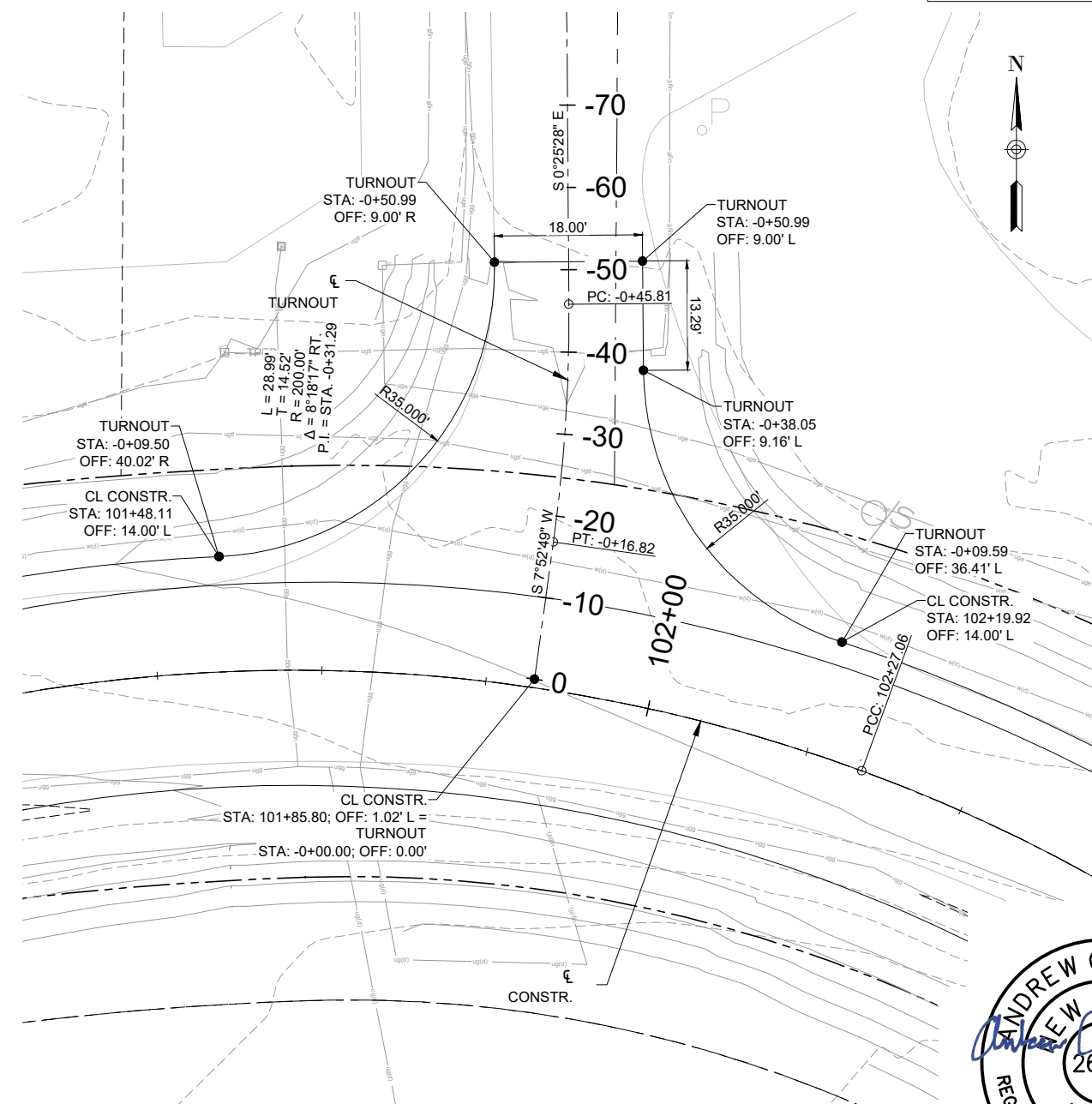
SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO
CHANNEL GRADING PLAN



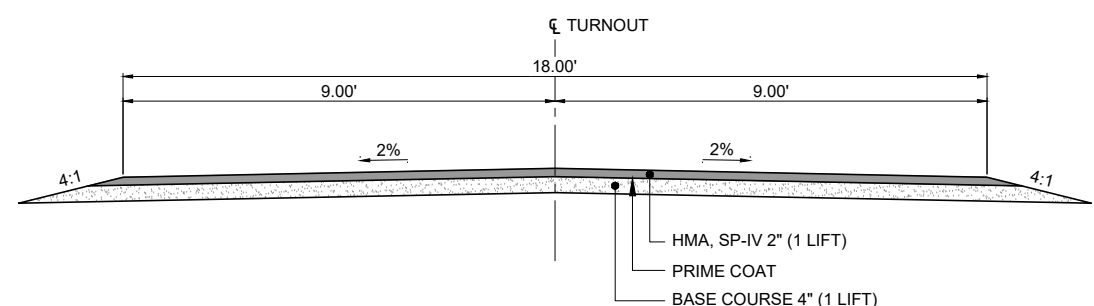
TURNOUT STA. 100+49.50 LT.



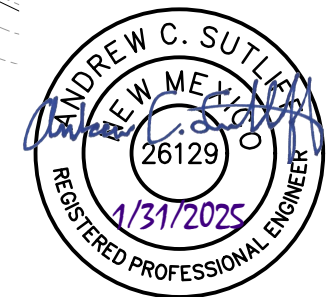
TYPICAL SECTION
TURNOUT STA. 100+49.50 LT.



TURNOUT STA. 101+85.80 LT.



TYPICAL SECTION
TURNOUT STA. 101+85.80 LT.



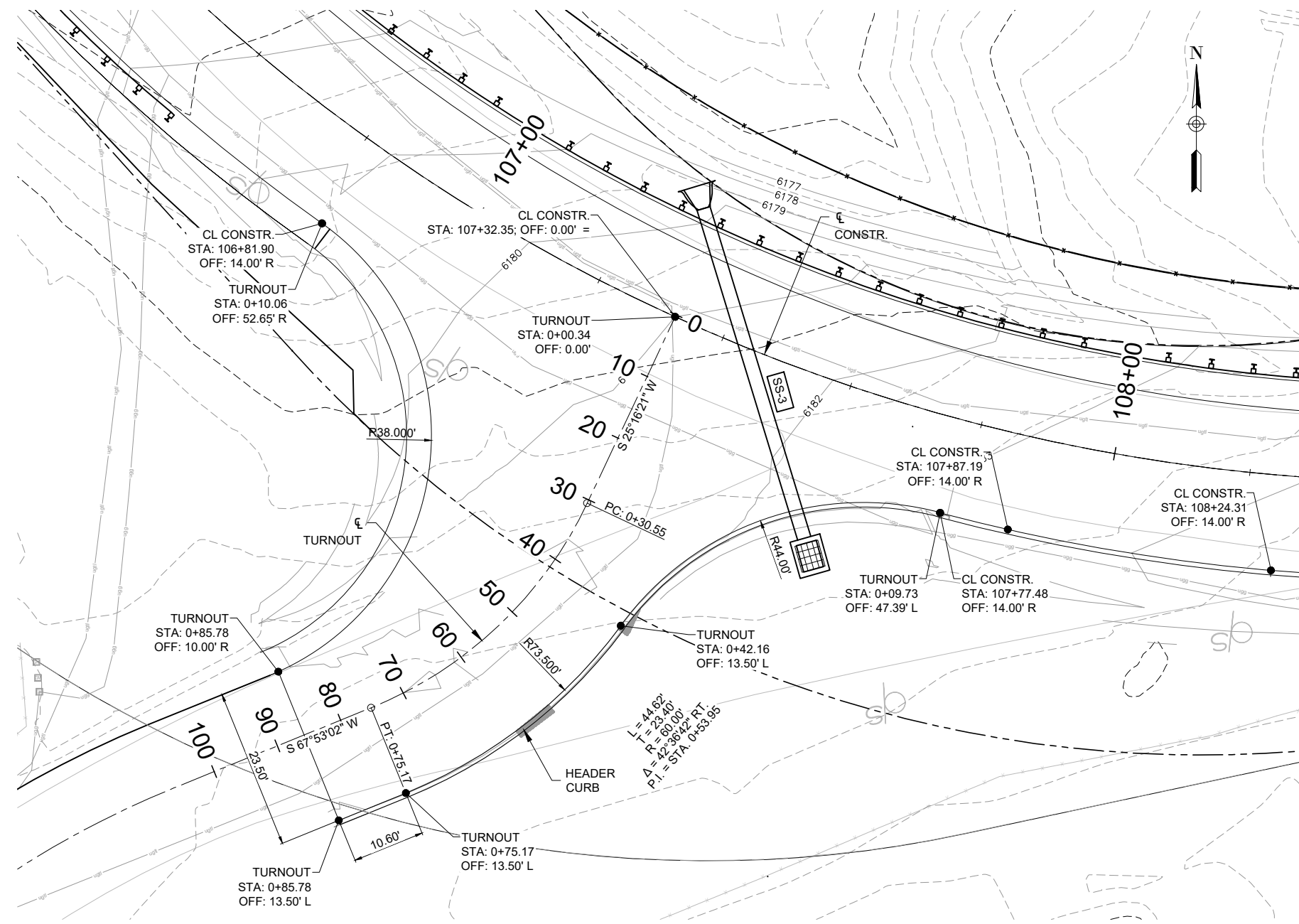
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4			
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1			
NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

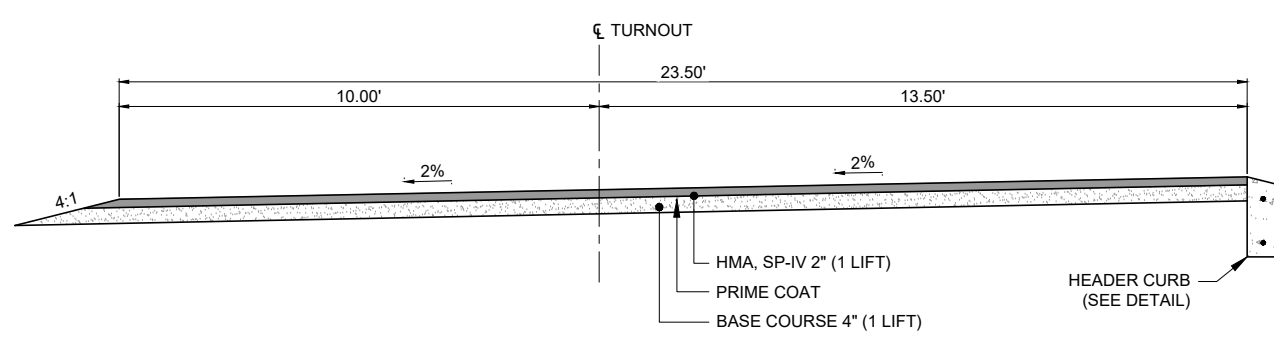
SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

GEOMETRIC LAYOUT

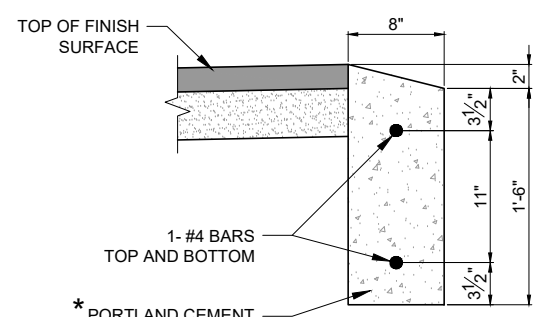
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TURNOUT STA. 107+33.35 RT.



TYPICAL SECTION
TURNOUT STA. 107+32.35 RT.



HEADER CURB DETAIL

* FOR TYPE OF PCC, REFER TO NMDOT STANDARD SPECIFICATION: SECTION 609 - CURB AND GUTTER. REINFORCING BARS SHALL BE INCLUDED IN THE UNIT BID PRICE FOR HEADER CURB.



6			
5			
4			
3			
2			
1			
NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

GEOMETRIC LAYOUT

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Legend

- | SYMBOLS | DESCRIPTIONS |
|---------|-------------------------|
| | AERIAL PANELS |
| | GRID TEXT |
| | GRID TICK |
| | SPOT ELEVATION |
| | CACTUS |
| | PALM TREE |
| | SINGLE TREE |
| | FLAG |
| | GATE |
| | SIGNS |
| | BILLBOARD |
| | OVERHEAD SIGNS |
| | STREET SIGN |
| | POST / BOLLARD |
| | FIRE HYDRANT |
| | METER / UTILITY |
| | MANHOLE |
| | VALVE |
| | CATCH BASIN |
| | CULVERT |
| | UTILITY POLE |
| | TRANSMISSION |
| | TV DISH |
| | LIGHT POLE |
| | TRAFFIC SIGNAL |
| | PEDESTRIAN SIGNAL |
| | STREET LIGHT |
| | STRAIGHT ARROWS |
| | DIRECTIONAL ARROWS |
| | MINE |
| | BIKE LANE |
| | HANDICAP |
| | TRAFFIC PAINT |
| | TRAFFIC PAINT |
| | BUILDING |
| | SWIMMING POOL |
| | BRIDGE |
| | CANOPY |
| | ROCKS |
| | TRAFFIC LANE PAINT |
| | PARKING STRIPES |
| | ROAD / PAVEMENT |
| | DIRT ROAD / TRAIL |
| | CURB / GUTTER |
| | CONCRETE |
| | RAILROAD |
| | FENCE |
| | RETAINING WALL |
| | GUARD RAIL |
| | INDEX CONTOUR / TEXT |
| | INTER CONTOUR |
| | INDEX DEPRESSION / TEXT |
| | INTER DEPRESSION |
| | WASH / WATER |
| | VEGETATION LINE |
| | GOLF FAIRWAY |
| | GOLF GREEN / TEE |
| | GOLF SANDTRAP |
| | FIELD / GRASS |



**SURVEY INFORMATION
PROVIDED BY COBB
FENDLEY DATED 2017**

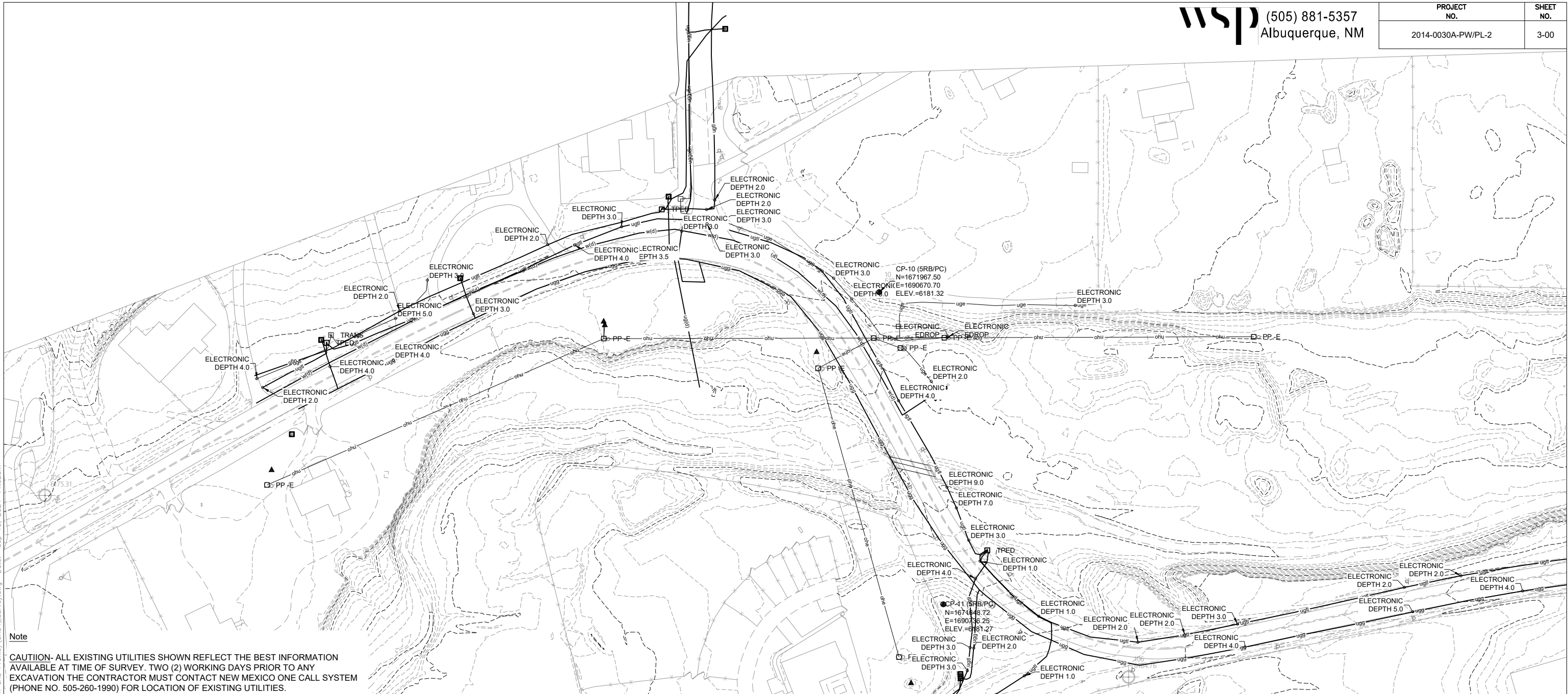
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REVISIONS (OR CHANGE NOTICES)

**SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO**

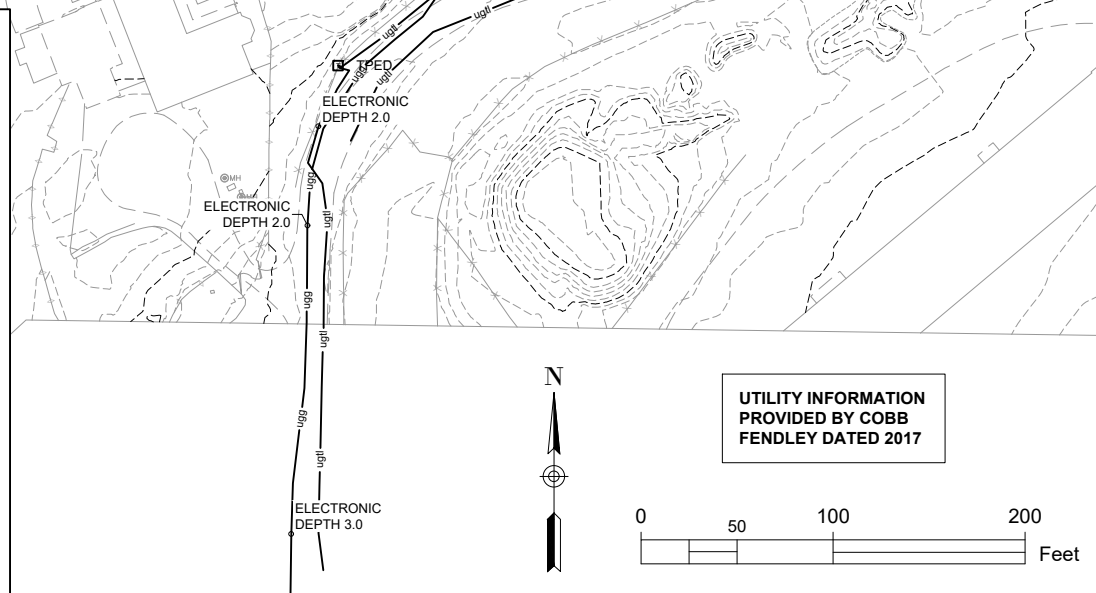
EXISTING SURVEY

File: J:\02 - Santa Fe Projects\CR 54 LT2002622-05 DWG\Plan Sheets\03-Shts (Plan and Profile)\CR54_Survey.dwg Date: Sep 13, 2024 - 10:06am



Note
CAUTION- ALL EXISTING UTILITIES SHOWN REFLECT THE BEST INFORMATION AVAILABLE AT TIME OF SURVEY. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (PHONE NO. 505-260-1990) FOR LOCATION OF EXISTING UTILITIES.

Quality Level B	Quality Level C/D	Utility:
—oht—	—oht—	OVERHEAD TELEPHONE - Century Link
—ugtl—	—ugtl(d)—	TELEPHONE - Century Link
—ugtv—	—ugtv(d)—	CABLE TV - Comcast
—ughe—	—ughe—	OVERHEAD ELECTRIC - PNM
—uge—	—uge(d)—	ELECTRIC - PNM / NMDOT
—ohu—	—ohu—	OVERHEAD UTILITY - PNM / Century Link / Comcast / LEVEL 3 / ZAYO / MCI - VERIZON
—ugfo—	—ugfo(d)—	FIBER OPTIC - Century Link
—ugg—	—ugg(d)—	NATURAL GAS - New Mexico Gas
—unk—	—unk—	UNKNOWN UTILITY - Unknown
—w—	—w(d)—	WATER - La Cienega Mutual Domestic Water Consumers Association
—sswr—	—sswr(d)—	SANITARY SEWER
—sfm—	—sfm(d)—	FORCE MAIN
—strm—	—strm(d)—	STORM SEWER



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

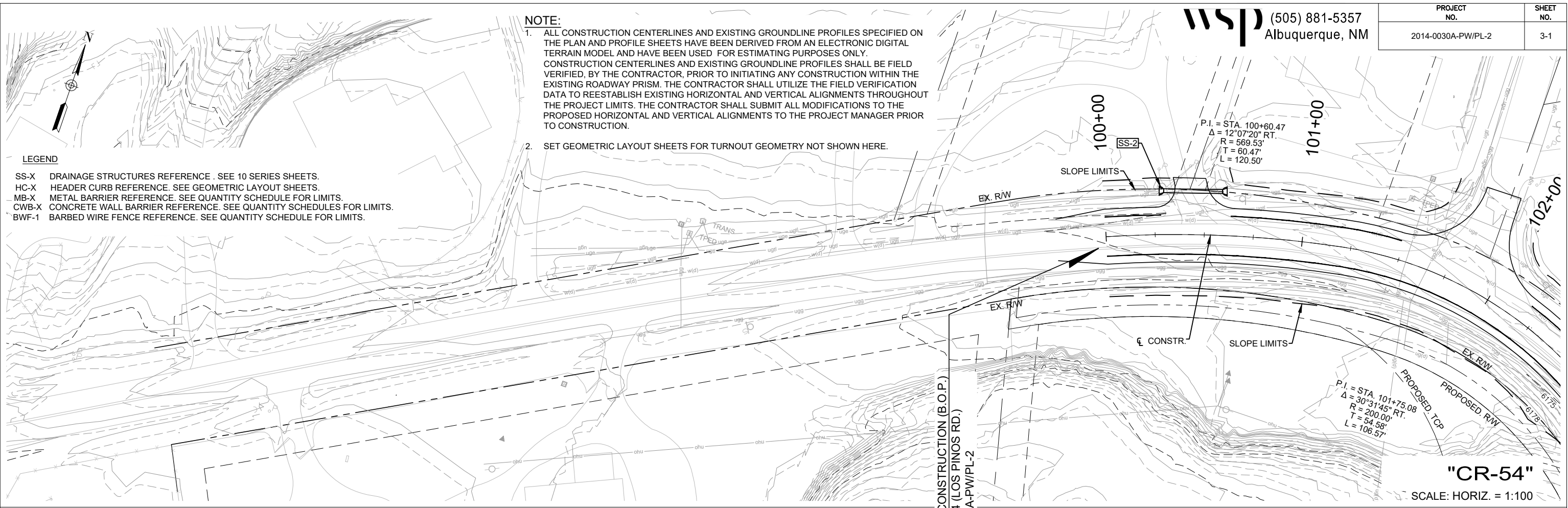
EXISTING S.U.E.

NOTE:

- ALL CONSTRUCTION CENTERLINES AND EXISTING GROUNDLINE PROFILES SPECIFIED ON THE PLAN AND PROFILE SHEETS HAVE BEEN DERIVED FROM AN ELECTRONIC DIGITAL TERRAIN MODEL AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. CONSTRUCTION CENTERLINES AND EXISTING GROUNDLINE PROFILES SHALL BE FIELD VERIFIED, BY THE CONTRACTOR, PRIOR TO INITIATING ANY CONSTRUCTION WITHIN THE EXISTING ROADWAY PRISM. THE CONTRACTOR SHALL UTILIZE THE FIELD VERIFICATION DATA TO REESTABLISH EXISTING HORIZONTAL AND VERTICAL ALIGNMENTS THROUGHOUT THE PROJECT LIMITS. THE CONTRACTOR SHALL SUBMIT ALL MODIFICATIONS TO THE PROPOSED HORIZONTAL AND VERTICAL ALIGNMENTS TO THE PROJECT MANAGER PRIOR TO CONSTRUCTION.
- SET GEOMETRIC LAYOUT SHEETS FOR TURNOUT GEOMETRY NOT SHOWN HERE.

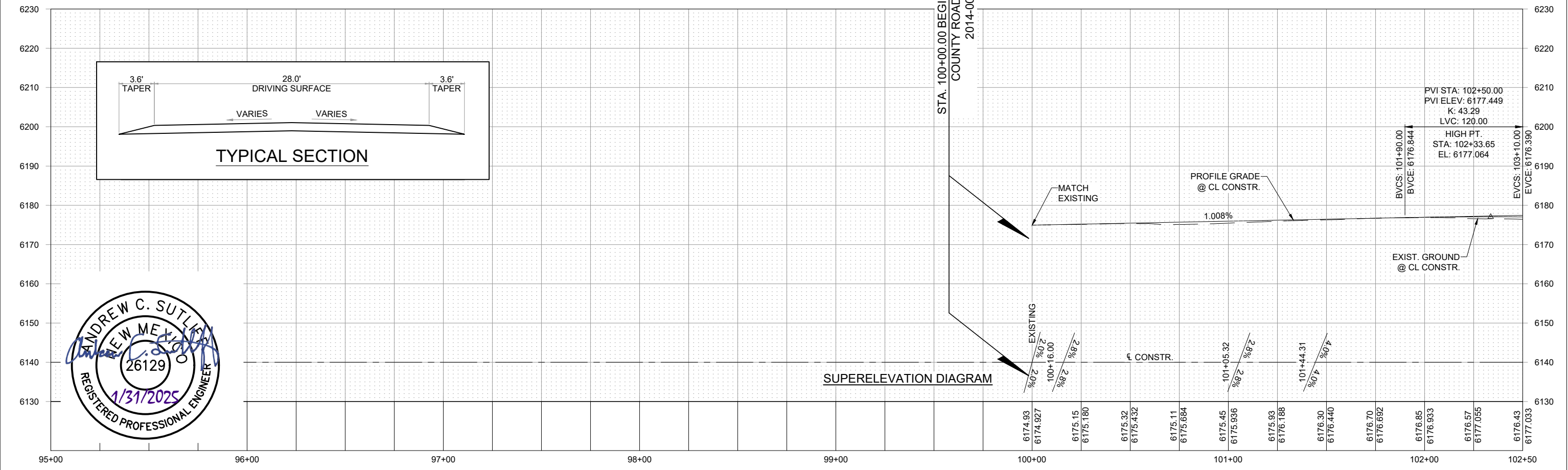
LEGEND

SS-X DRAINAGE STRUCTURES REFERENCE. SEE 10 SERIES SHEETS.
 HC-X HEADER CURB REFERENCE. SEE GEOMETRIC LAYOUT SHEETS.
 MB-X METAL BARRIER REFERENCE. SEE QUANTITY SCHEDULE FOR LIMITS.
 CWB-X CONCRETE WALL BARRIER REFERENCE. SEE QUANTITY SCHEDULES FOR LIMITS.
 BWF-1 BARBED WIRE FENCE REFERENCE. SEE QUANTITY SCHEDULE FOR LIMITS.

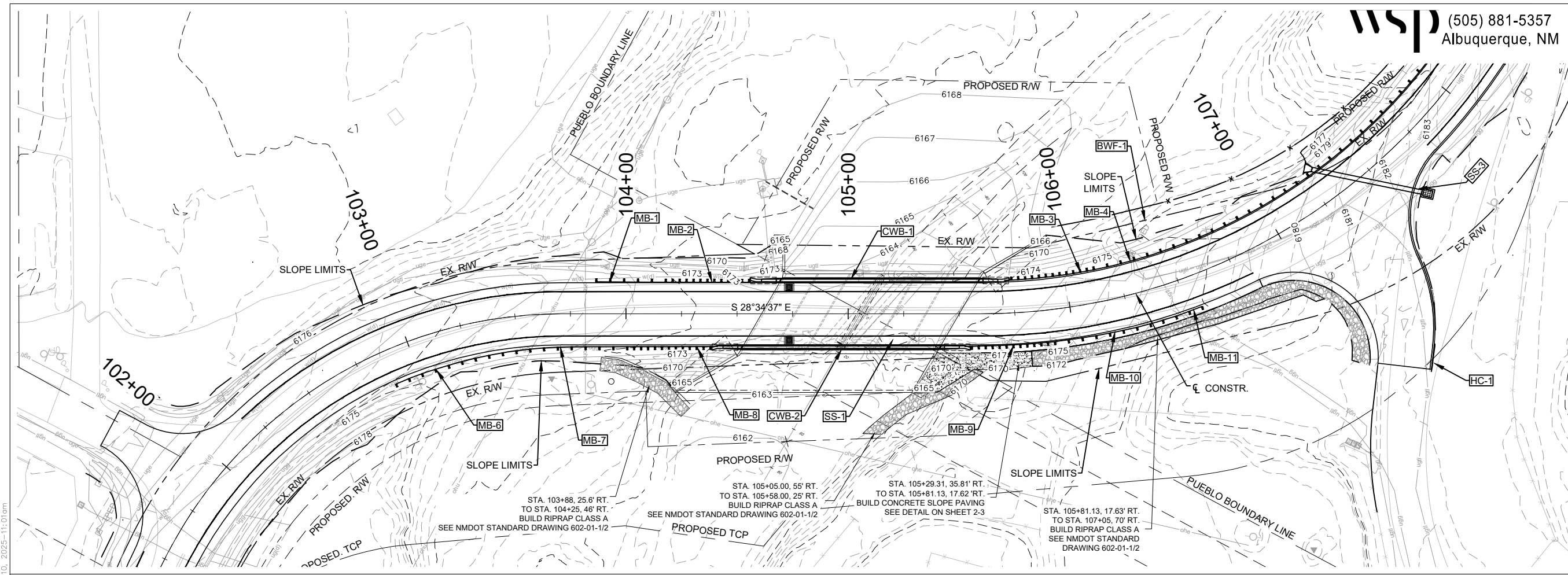


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SCALE: HORIZ. = 1:100

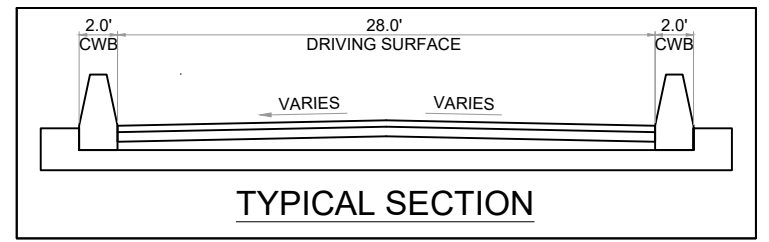
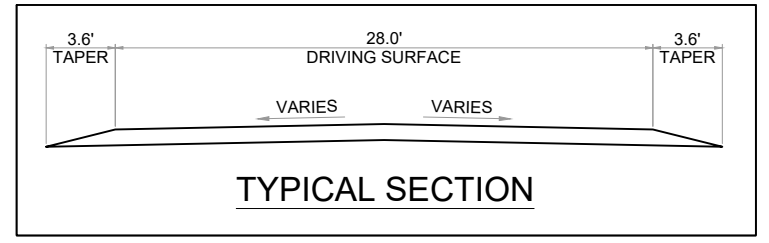
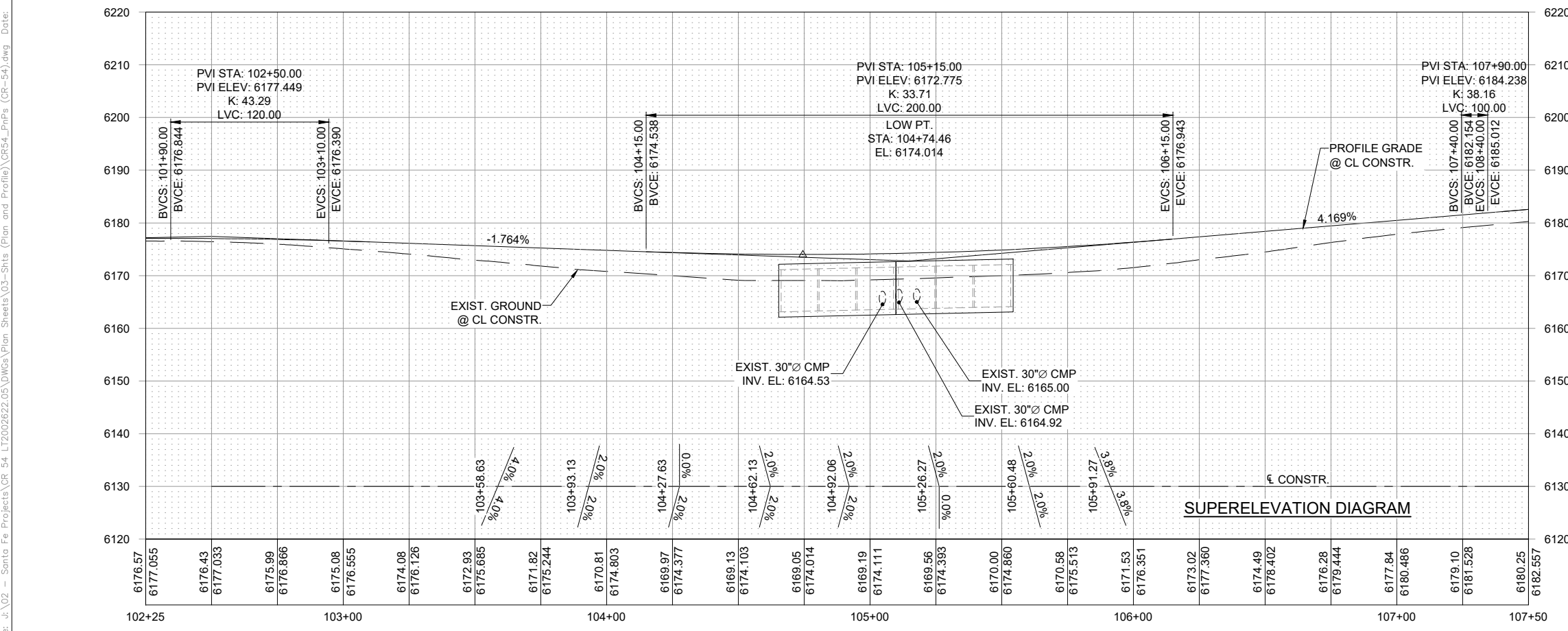
VERT. = 1:50



File: J:\02 - Santa Fe Projects\CR 54 LT2002622.05 DWGs\Plan Sheets\03-Shts (Plan and Profile)\CR54_PfPs (CR-54).dwg Date: Jan 10, 2025-11:21am

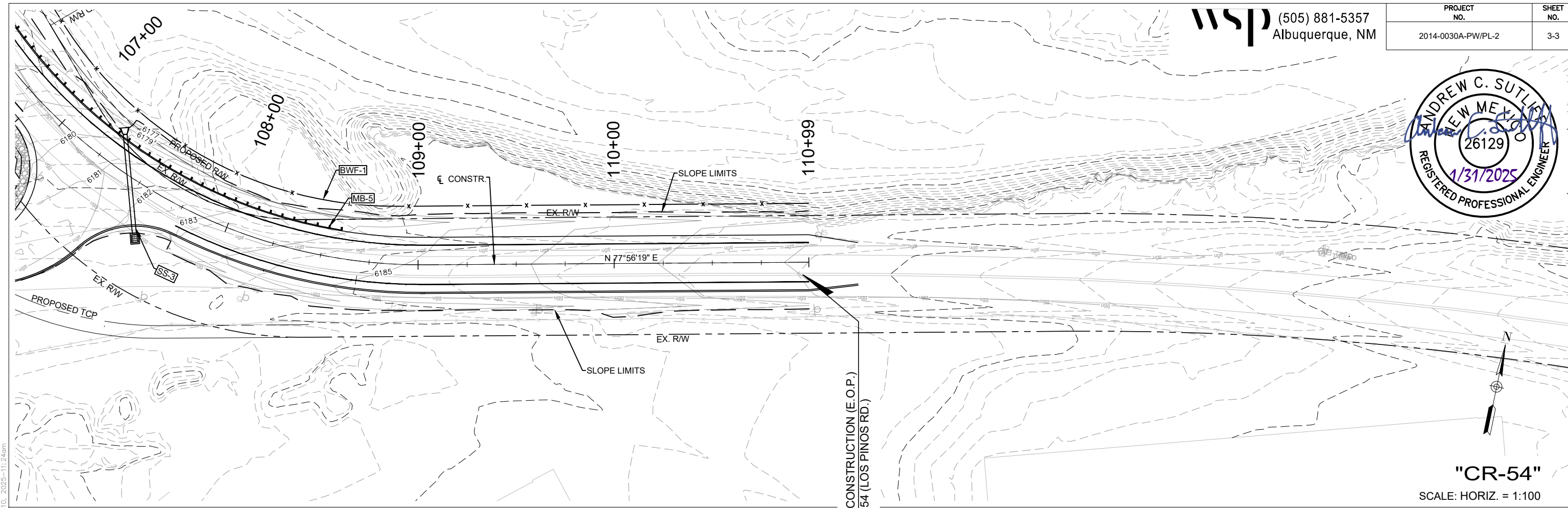
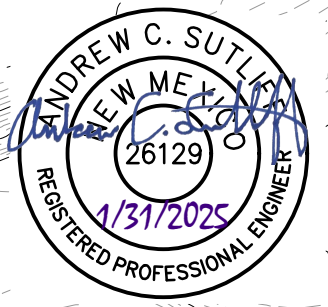


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SCALE: HORIZ. = 1:100
VERT. = 1:50

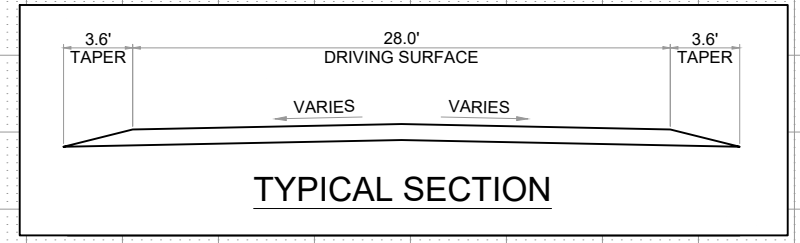
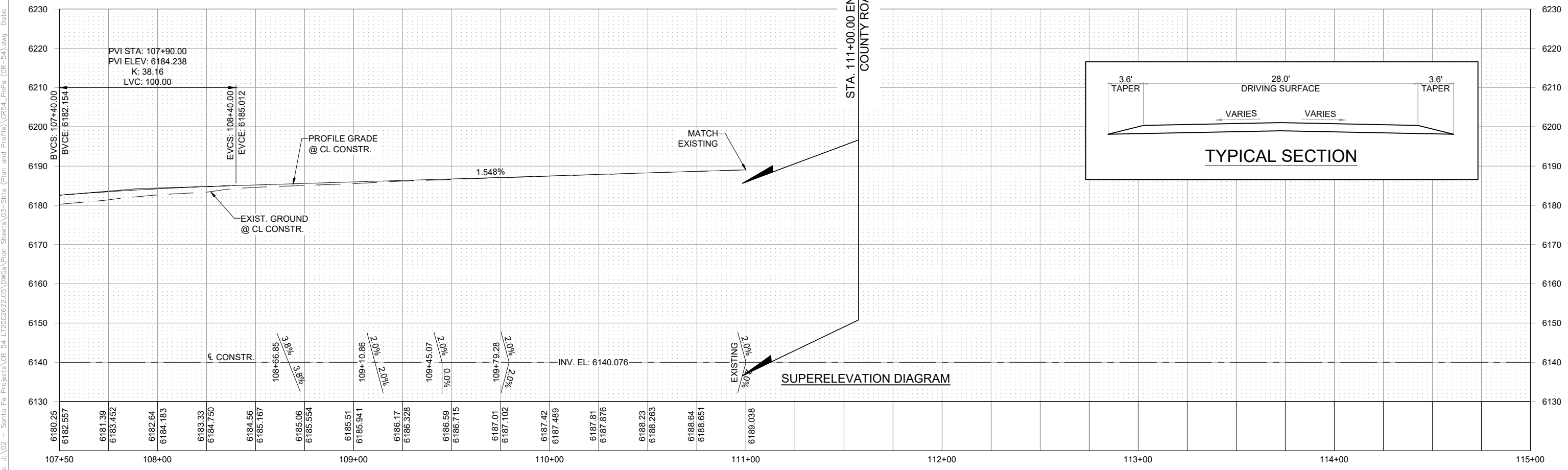


SUPERELEVATION DIAGRAM

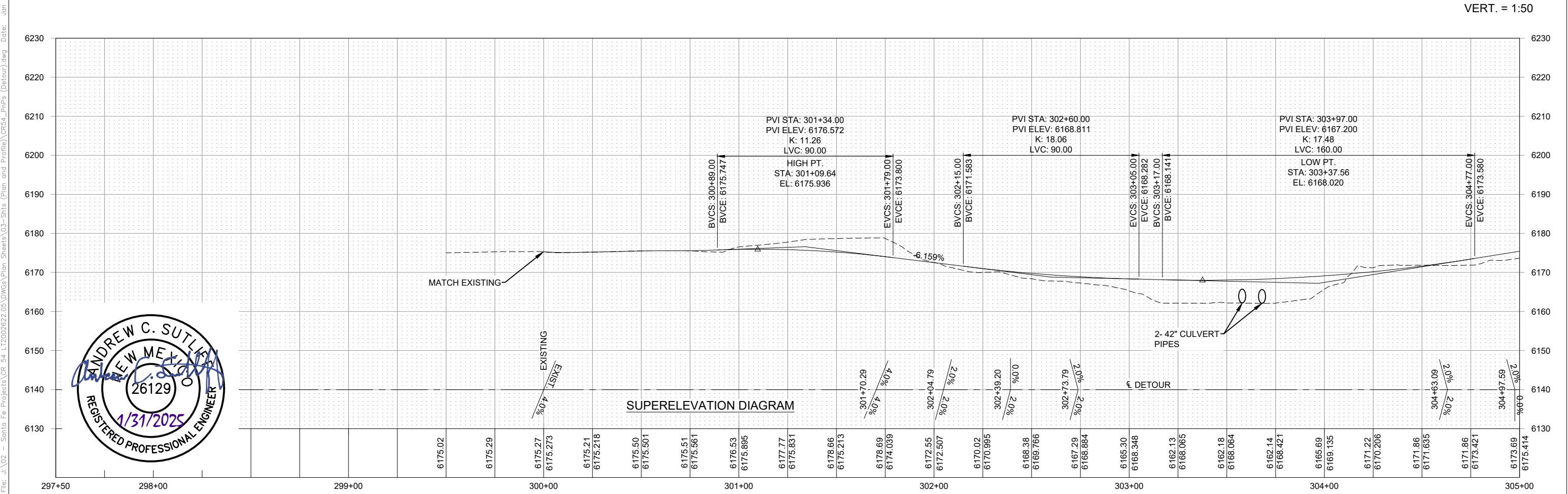
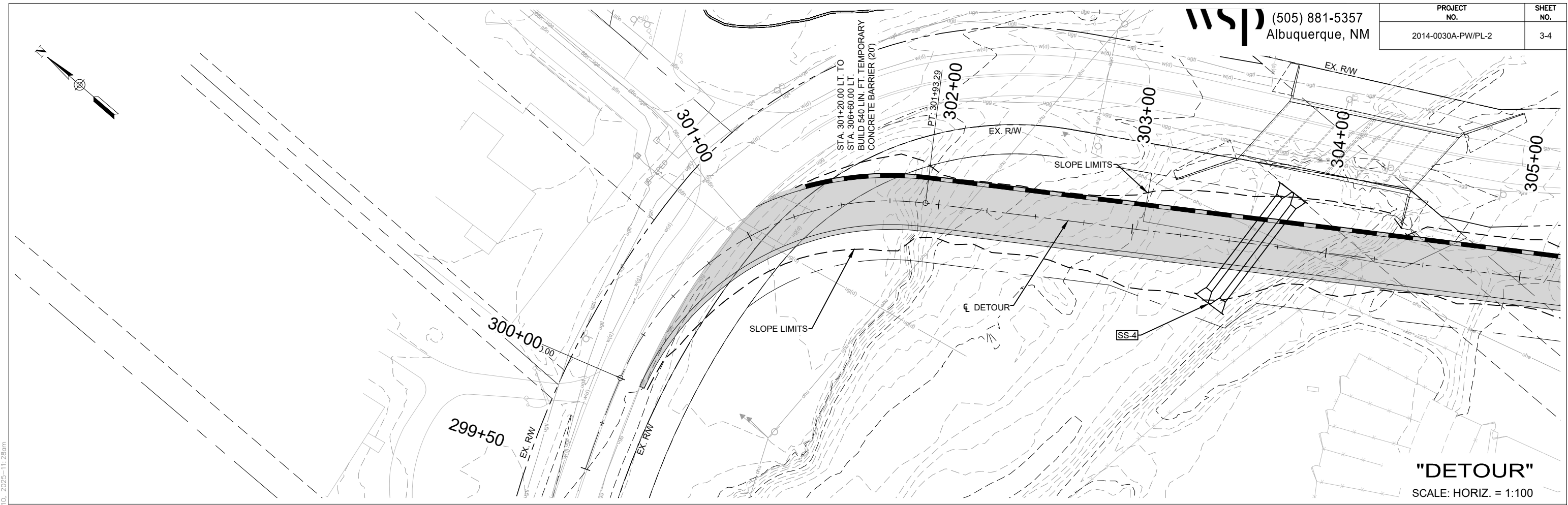
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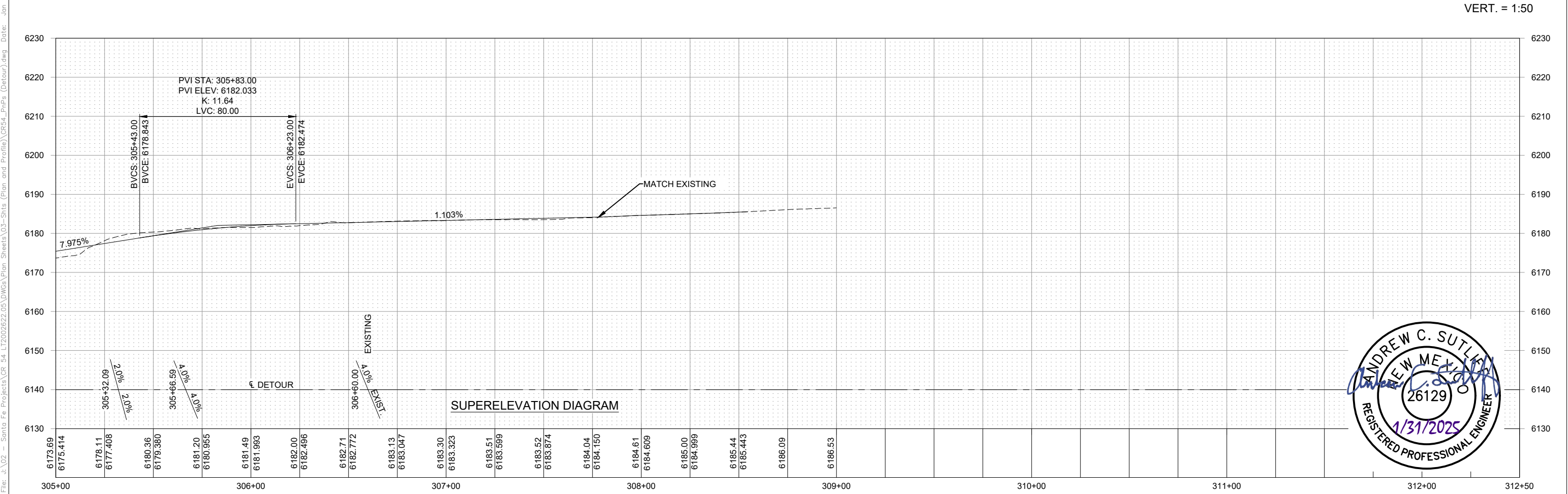
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VERT. = 1:50



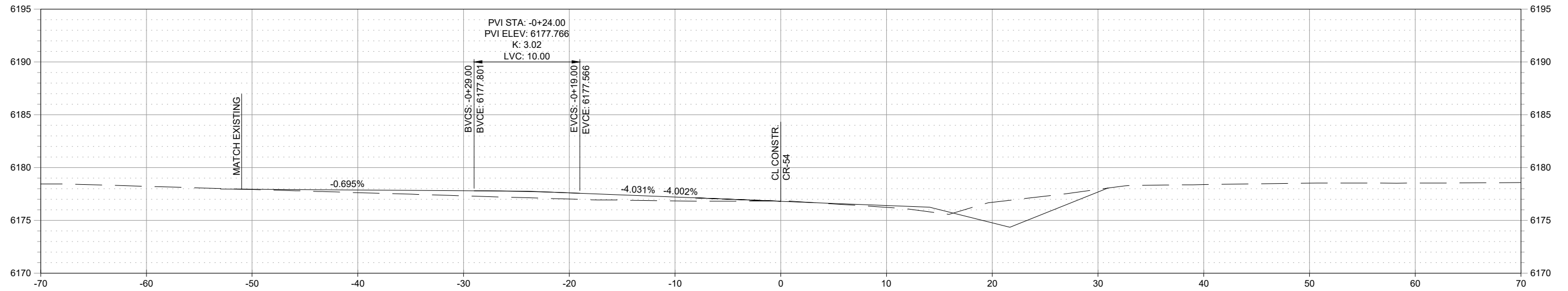
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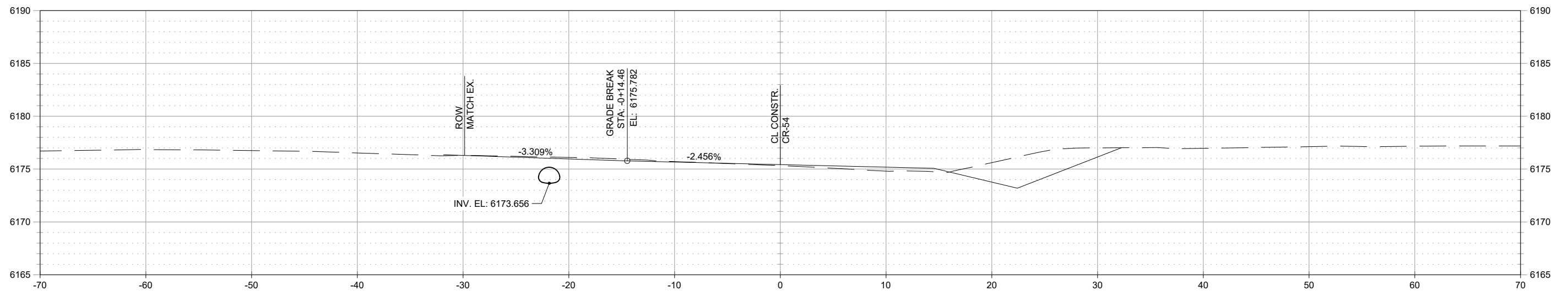
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File: J:\02 - Santa Fe Projects\CR 54 LT2002622.05\DWGs\Plan_Sheets\03-Shts (Plan and Profile)\CR54_PfPs (Detour).dwg Date: Jan 10, 2025-11:37am



TURNOUT STA. 101+85.80 LT.
TIERRA HERMOSA CT.
BUILD 1- 18' TURNOUT LT.



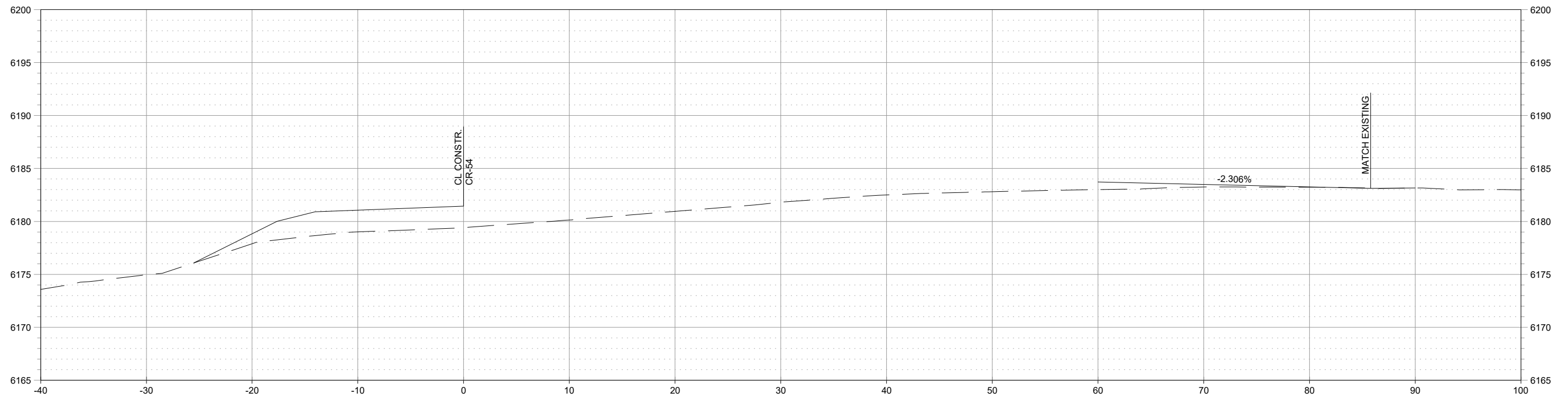
TURNOUT STA. 100+49.50 LT.
BUILD 1- 16' TURNOUT LT.

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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO
TURNOUT PROFILES





TURNOUT STA. 107+32.35 LT.
CAMINO COLORES
BUILD 1-23.5' TURNOUT RT.

File: J:\02 - Santa Fe Projects\CR 54 LT200222.05\DWGs\Plan Sheets\04-Shts (Turnouts)\CR54_Turnout Profiles.dwg Date: Jan 07, 2025 - 10:40am



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

TURNOUT PROFILES

GENERAL NOTES

- WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE NEW MEXICO DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, 2019 EDITION AND APPLICABLE SPECIAL PROVISIONS.
- BRIDGE NUMBER TAGS: THE CONTRACTOR SHALL FURNISH AND PLACE TWO BRIDGE NUMBER TAGS CONFORMING TO THE DETAIL SHOWN ON THIS SHEET. ONE BRIDGE NUMBER TAG SHALL BE PLACED ON THE OUTSIDE VERTICAL FACE OF THE HEADWALLS AT EACH END OF THE CONCRETE BOX CULVERT (CBC). ATTACH USING CHEMICAL ADHESIVE ANCHOR PER NMDOT SPECIFICATION SECTION 522 AND NAILS. COST OF BRIDGE TAGS INCLUDING INSTALLATION SHALL BE INCIDENTAL TO ITEM NO. 511030 - STRUCTURAL CONCRETE, CLASS AA.
- TWO MODIFIED DROP INLETS SHALL BE BUILT AT THE LOW POINT LOCATION SHOWN ON SHEET 5-2. CONTRACTOR SHALL VERIFY THE LOW POINT PRIOR TO CONSTRUCTION OF THE TWO MODIFIED DROP INLETS. COST FOR MODIFIED DROP INLETS WILL INCLUDE ALL LABOR AND MATERIALS (CONCRETE, REINFORCING BARS, 24" DIA. CULVERT PIPE, ETC.) AND PAID FOR UNDER ITEM NO. 623312 - CURB DROP INLET TYPE II-B, 0' TO 4'.

INDEX OF SHEETS

- | | |
|-----|--------------------------------------|
| 5-1 | GENERAL NOTES / ESTIMATED QUANTITIES |
| 5-2 | STRUCTURAL LOCATION PLAN |
| 5-3 | MODIFIED DROP INLET AT CBC DETAILS |

BRIDGE NO. 9849 ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
210002	MAJOR STRUCTURE EXCAVATION	C.Y.	1,300
210003	MAJOR STRUCTURE BACKFILL	C.Y.	300
511030	STRUCTURAL CONCRETE, CLASS AA	C.Y.	470
540060	REINFORCING BARS GRADE 60	LB	129,000
623312	CURB DROP INLET TYPE II-B, 0' TO 4'	EACH	2

DESIGN DATA

DESIGN IS IN ACCORDANCE WITH NMDOT 2019 STANDARD DRAWINGS

REINFORCED CONCRETE: CLASS AA CONCRETE
 CONCRETE BOX CULVERT: $f_c = 4,000$ psi @ 28 DAYS
 AND MODIFIED DROP INLETS: $f_y = 60$ ksi GRADE 60 BARS

FINAL FOUNDATION REPORT: GEO-TEST, INC. - JOB No. 1-90801 DATED 10/14/2019

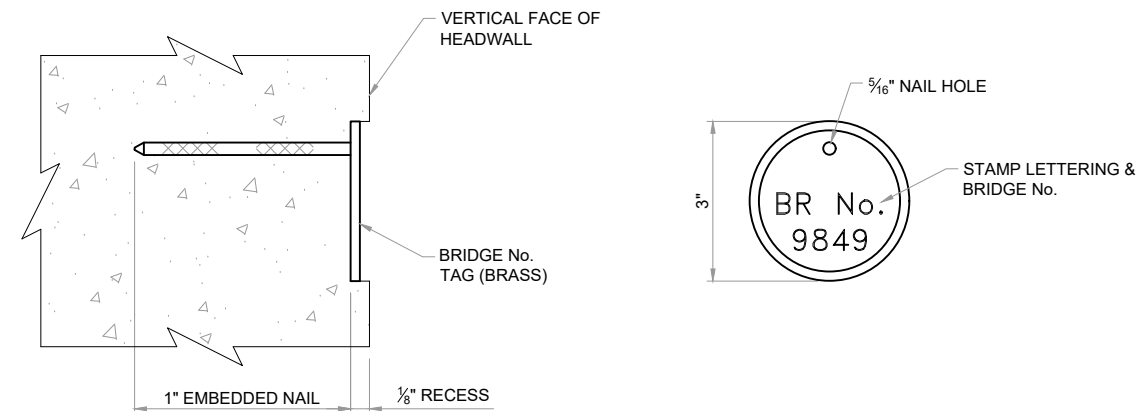
CAPACITY RATING

LFR RATING FACTOR	
INVENTORY LEVEL	HS 23.5
OPERATING LEVEL	HS 39.2

THESE LOAD RATINGS WERE COMPUTED BY THE LOAD FACTOR RATING (LFR) METHOD. LOAD RATINGS ARE FROM NMDOT'S CONCRETE BOX CULVERT (CBC) LOAD RATING TABLES DATED APRIL 2007. LOAD RATING PROGRAM USED: BRASS-CULVERT VERSION 2.3.0.

LIST OF BRIDGES

BRIDGE No.	LOCATION	CR54 STATION
9849	CBC OVER ARROYO HONDO	105+05.49



BRIDGE No. TAG DETAILS

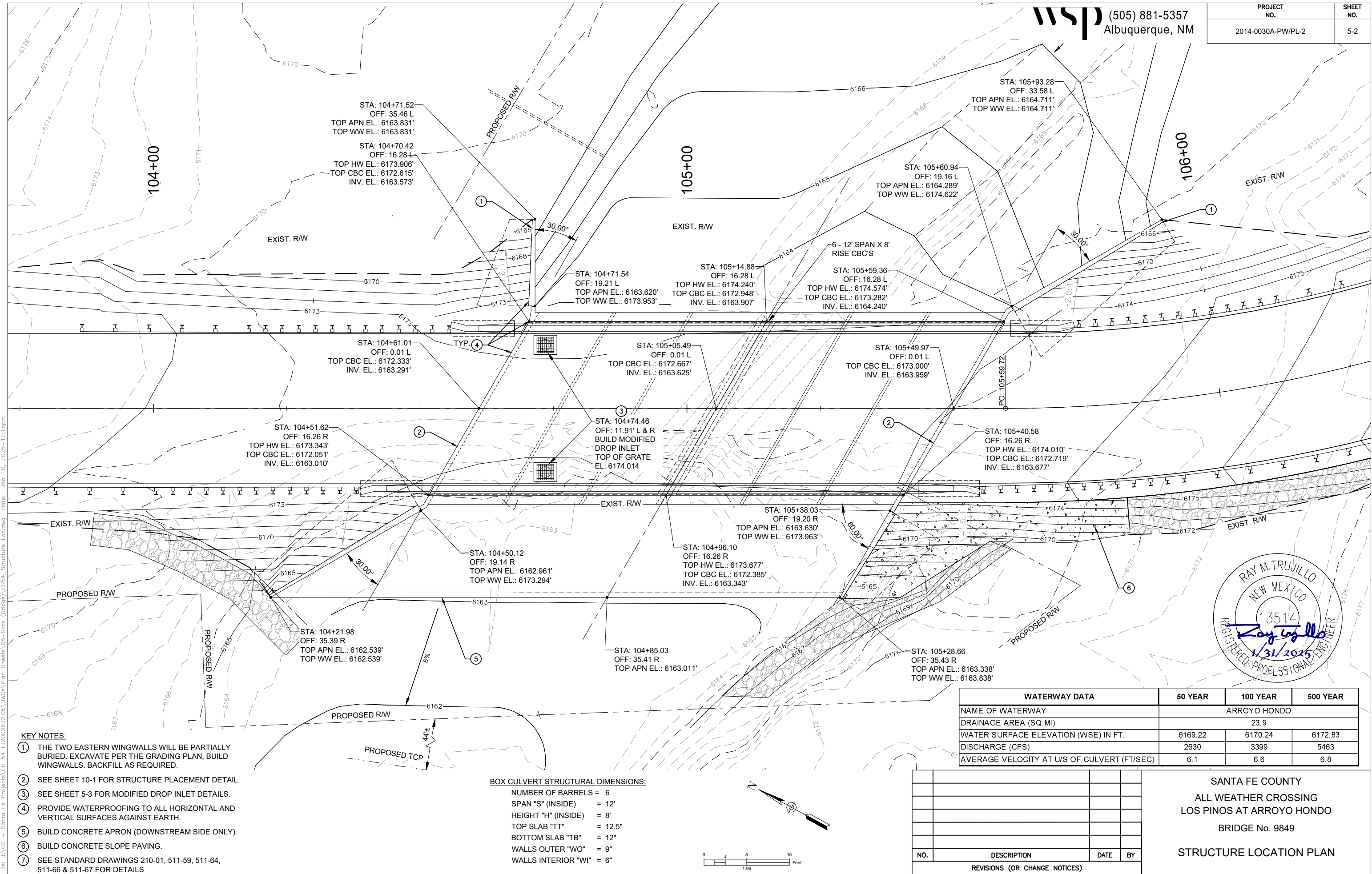
(2 REQUIRED)



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
 ALL WEATHER CROSSING
 LOS PINOS AT ARROYO HONDO
 BRIDGE No. 9849
 GENERAL NOTES /
 ESTIMATED QUANTITIES

File: J:\02 - Santa Fe Projects\CR 54 LT20020222\05 DWG\Plan Sheets\05-Sfts (Bridge)\CR54_General_Notes.dwg Date: Jan 09, 2025 12:43pm

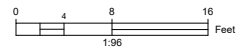


File: J:\02 - Santa Fe Projects\CR 54 LT20020222\05 DWG\Plan Sheets\05-Shts (Bridge)\CR54_Structure Loc.dwg Date: Jan 10, 2025 12:15pm

- KEY NOTES:**
- ① THE TWO EASTERN WINGWALLS WILL BE PARTIALLY BURIED. EXCAVATE PER THE GRADING PLAN, BUILD WINGWALLS. BACKFILL AS REQUIRED.
 - ② SEE SHEET 10-1 FOR STRUCTURE PLACEMENT DETAIL.
 - ③ SEE SHEET 5-3 FOR MODIFIED DROP INLET DETAILS.
 - ④ PROVIDE WATERPROOFING TO ALL HORIZONTAL AND VERTICAL SURFACES AGAINST EARTH.
 - ⑤ BUILD CONCRETE APRON (DOWNSTREAM SIDE ONLY).
 - ⑥ BUILD CONCRETE SLOPE PAVING.
 - ⑦ SEE STANDARD DRAWINGS 210-01, 511-59, 511-64, 511-66 & 511-67 FOR DETAILS

BOX CULVERT STRUCTURAL DIMENSIONS:

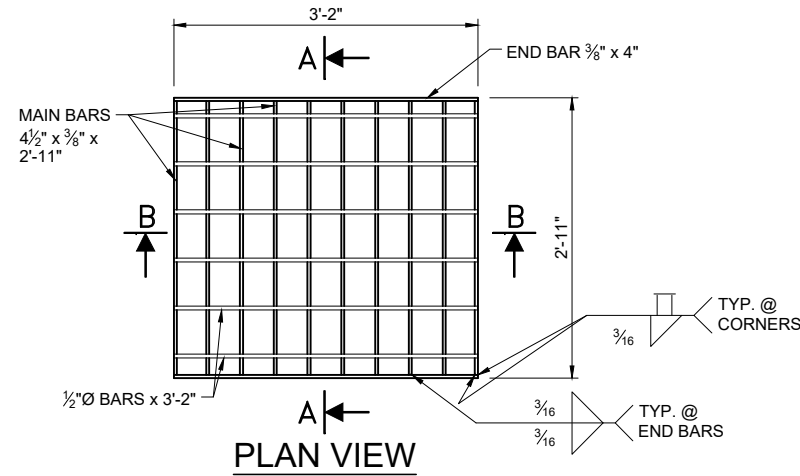
- NUMBER OF BARRELS = 6
- SPAN "S" (INSIDE) = 12'
- HEIGHT "H" (INSIDE) = 8'
- TOP SLAB "TT" = 12.5"
- BOTTOM SLAB "TB" = 12"
- WALLS OUTER "WO" = 9"
- WALLS INTERIOR "WI" = 6"



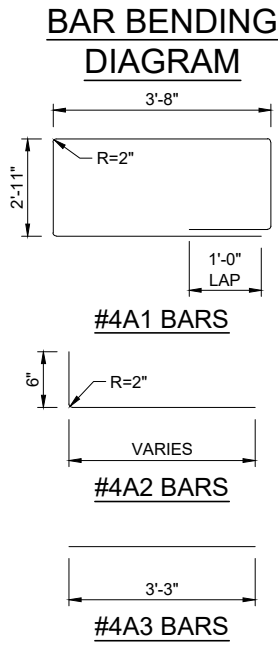
WATERWAY DATA	50 YEAR	100 YEAR	500 YEAR
NAME OF WATERWAY	ARROYO HONDO		
DRAINAGE AREA (SQ. MI)	23.9		
WATER SURFACE ELEVATION (WSE) IN FT.	6169.22	6170.24	6172.83
DISCHARGE (CFS)	2630	3399	5463
AVERAGE VELOCITY AT U/S OF CULVERT (FT/SEC)	6.1	6.6	6.8

NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

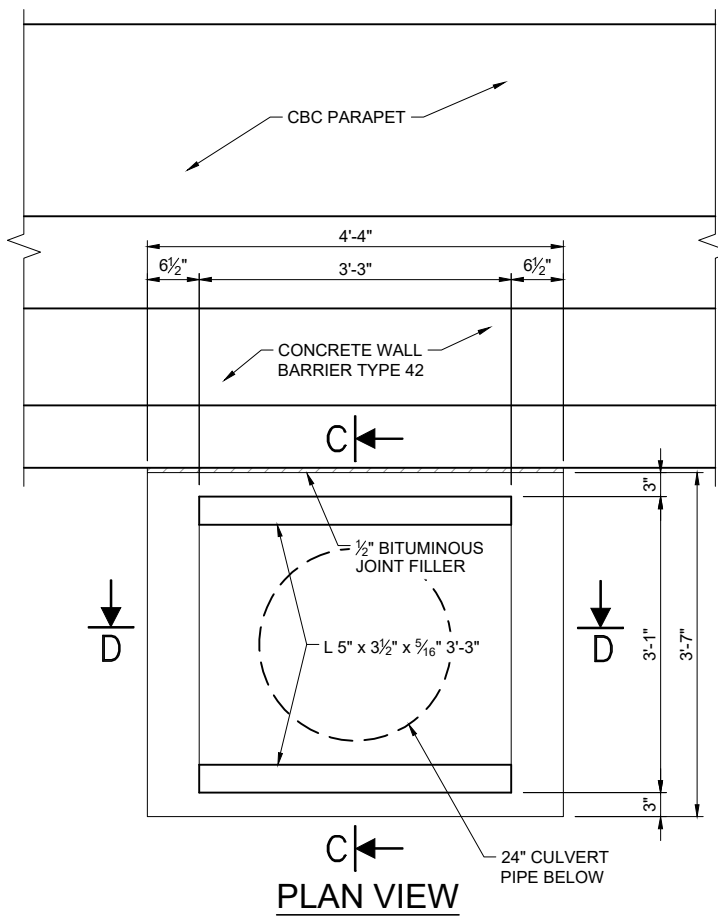
SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO
BRIDGE No. 9849
STRUCTURE LOCATION PLAN



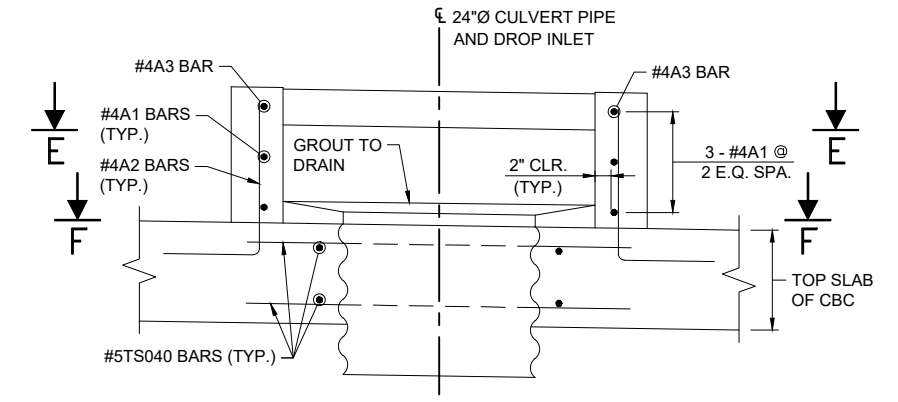
PLAN VIEW



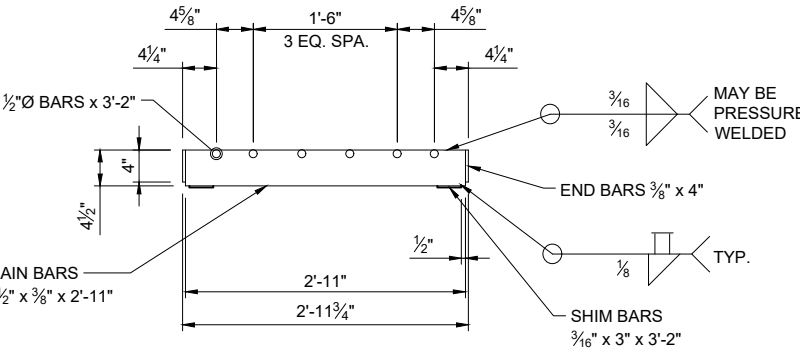
BAR BENDING DIAGRAM



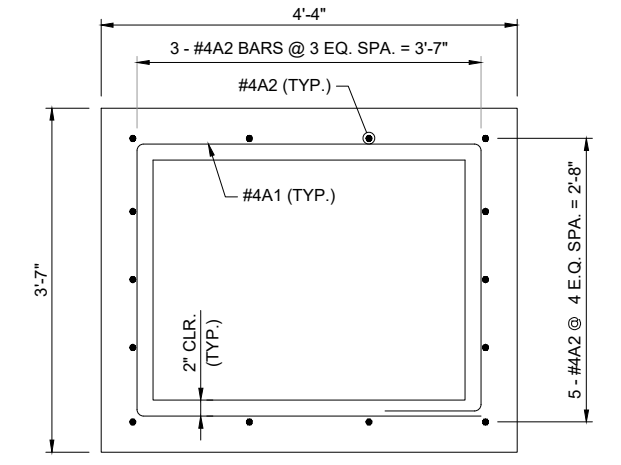
PLAN VIEW



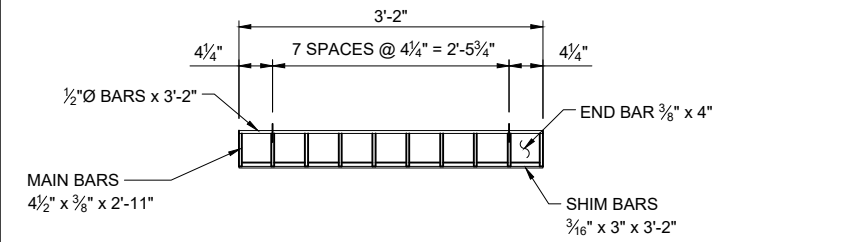
SECTION D-D



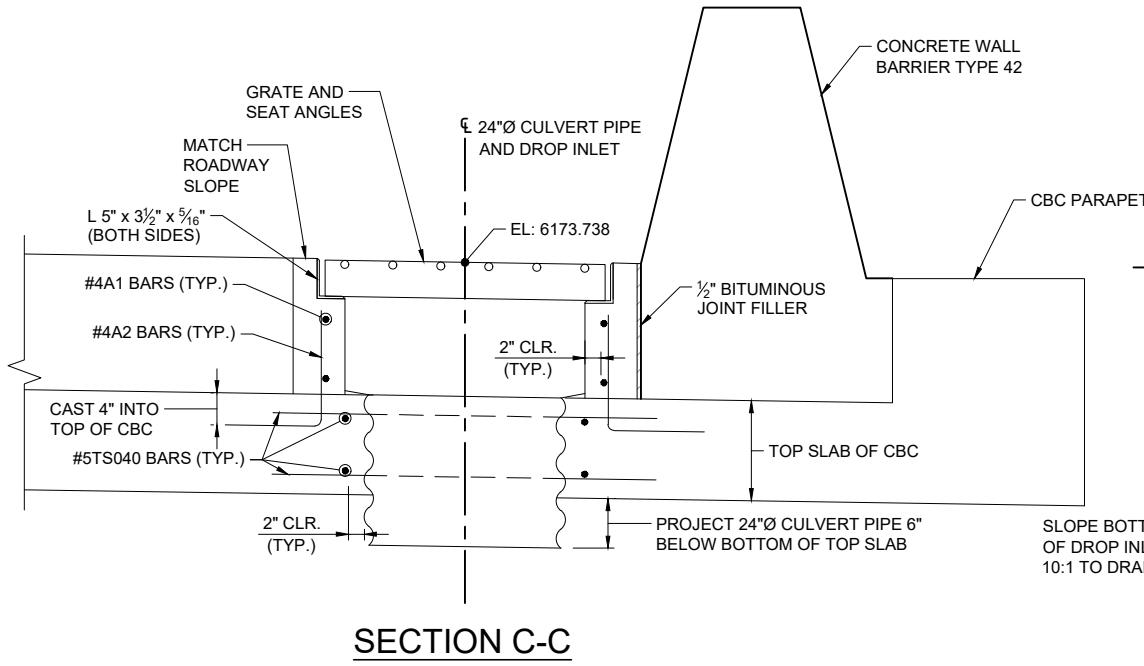
SECTION A-A



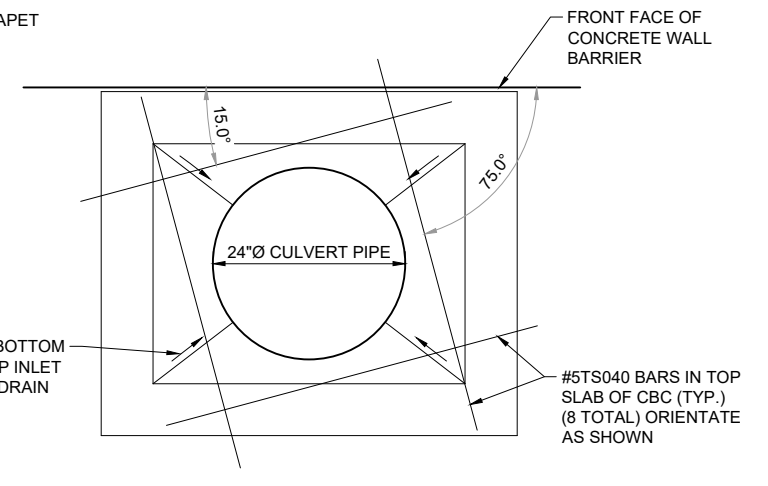
SECTION E-E



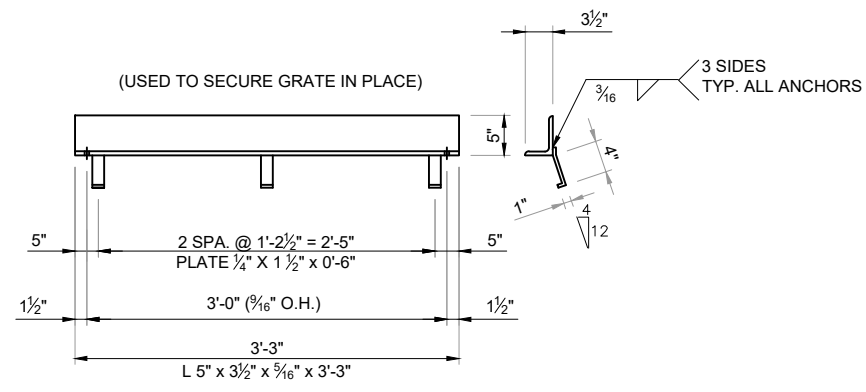
SECTION B-B
GRATING DETAILS



SECTION C-C



VIEW F-F



SEAT ANGLE DETAILS

MODIFIED TYPE IIB CURB INLET



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO
BRIDGE No. 9849
MODIFIED DROP INLET
AT CBC DETAILS

File: J:\02 - Santa Fe Projects\CR 54 LT2002622.05\DWG\A\Plan_Sheets\05-Shts (Bridge)\CR54_Details_recover.dwg Date: Jun 09, 2025 1:01pm

TRAFFIC CONTROL INDEX OF SHEETS

6-1	SUGGESTED SEQUENCE OF CONSTRUCTION
6-2	PHASE I - TRAFFIC CONTROL
6-3	PHASE IA - TRAFFIC CONTROL
6-4	PHASE I - WORK ZONE
6-5	PHASE II - TRAFFIC CONTROL
6-6	PHASE II - REMOVALS
6-7	PHASE II - WORK ZONE
6-8	PHASE III - TRAFFIC CONTROL
6-9	PHASE III - REMOVALS
6-10	PHASE III - WORK ZONE
6-11	PHASE IV - TRAFFIC CONTROL
6-12	PHASE IV - REMOVALS
6-13	PHASE IV - WORK ZONE
6-14	TRAFFIC CONTROL MISCELLANEOUS QUANTITIES
6-15	TRAFFIC CONTROL SUMMARY OF QUANTITIES

SUGGESTED SEQUENCE OF CONSTRUCTION

PHASE I

1. INSTALL THE PHASE I TRAFFIC CONTROL PLAN SIGNING AND WORK ZONE PROTECTION DEVICES PER SHEET 6-2 MAINTAINING TWO-WAY TRAFFIC FOR CONSTRUCTION HOURS AND NON-CONSTRUCTION HOURS. CONSTRUCT THE TEMPORARY DETOUR WITHIN THE LIMITS OF THE WORK ZONE SHOWN ON SHEET 6-4, EXCEPT FOR THE TIE INS.
2. REMOVE THE PHASE I SIGNING AND WORK ZONE PROTECTION DEVICES. INSTALL THE PHASE IA TRAFFIC CONTROL PLAN SIGNING AND WORK ZONE PROTECTION DEVICES PER SHEET 6-3 FOR CONSTRUCTION HOURS AND NON-CONSTRUCTION HOURS AS APPROPRIATE. CONSTRUCT THE TEMPORARY DETOUR TIE INS. AT THE END OF EACH WORKDAY, OPEN ROADWAY TO TWO-WAY TRAFFIC USING THE PHASE IA NON-CONSTRUCTION HOURS SIGNING AND WORK ZONE PROTECTION DEVICES.

PHASE II

1. REMOVE THE PHASE IA SIGNING AND WORK ZONE PROTECTION DEVICES. INSTALL THE PHASE II SIGNING AND PROTECTION DEVICES PER SHEET 6-5 MAINTAINING TWO-WAY TRAFFIC FOR CONSTRUCTION HOURS AND NON-CONSTRUCTION HOURS AS APPROPRIATE, MOVING TRAFFIC ONTO THE TEMPORARY DETOUR. REMOVE THE EXISTING ROADWAY PRISM WITHIN THE LIMITS OF REMOVAL SHOWN ON SHEET 6-6. CONSTRUCT THE PERMANENT IMPROVEMENTS, TEMPORARY 4-FOOT SHOULDER, AND TEMPORARY TIE INS WITHIN THE WORK ZONE SHOWN ON SHEET 6-7.

PHASE III

1. REMOVE THE PHASE II SIGNING AND WORK ZONE PROTECTION DEVICES. INSTALL THE PHASE III SIGNING AND PROTECTION DEVICES PER SHEET 6-8 FOR CONSTRUCTION HOURS AND NON-CONSTRUCTION HOURS AS APPROPRIATE, MOVING TRAFFIC ONTO THE NEW CONCRETE BOX CULVERT. REMOVE THE EXISTING PAVEMENT SECTION RIGHT OF THE CENTERLINE AND THE TEMPORARY DETOUR WITHIN THE LIMITS OF REMOVAL SHOWN ON SHEET 6-9. CONSTRUCT THE PERMANENT IMPROVEMENTS TO THE RIGHT OF THE CENTERLINE WITHIN THE WORK ZONE SHOWN ON SHEET 6-10. AT THE END OF EACH WORKDAY, OPEN ROADWAY TO TWO-WAY TRAFFIC USING THE NON-CONSTRUCTION HOURS SIGNING AND WORK ZONE PROTECTION DEVICES.

PHASE IV

1. REMOVE THE PHASE III SIGNING AND WORK ZONE PROTECTION DEVICES. INSTALL THE PHASE IV SIGNING AND PROTECTION DEVICES PER SHEET 6-11 FOR CONSTRUCTION HOURS AND NON-CONSTRUCTION HOURS AS APPROPRIATE. REMOVE THE EXISTING PAVEMENT SECTION AND TEMPORARY SHOULDER LEFT OF THE CENTERLINE WITHIN THE LIMITS OF REMOVAL SHOWN ON SHEET 6-12. CONSTRUCT THE PERMANENT IMPROVEMENTS TO THE LEFT OF THE CENTERLINE WITHIN THE WORK ZONE SHOWN ON SHEET 6-13. AT THE END OF EACH WORKDAY, OPEN ROADWAY TO TWO-WAY TRAFFIC USING THE NON-CONSTRUCTION HOURS SIGNING AND WORK ZONE PROTECTION DEVICES.

PHASE V

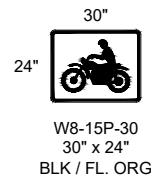
1. REMOVE THE PHASE IV SIGNING AND WORK ZONE PROTECTION DEVICES IF NECESSARY. IMPLEMENT THE MOBILE OPERATION TRAFFIC CONTROL PLAN PER STANDARD DRAWING 702-12-1/2 FOR INSTALLING PERMANENT STRIPING.
2. INSTALL THE PHASE III AND PHASE IV SIGNING AND WORK ZONE PROTECTION DEVICES, AS NECESSARY, FOR INSTALLING PERMANENT SIGNING, REVEGETATION AND ALL OTHER APPURTENANCES REQUIRED TO COMPLETE THE PROJECT. REMOVE ALL SIGNING AND WORK ZONE PROTECTION DEVICES.

NOTES

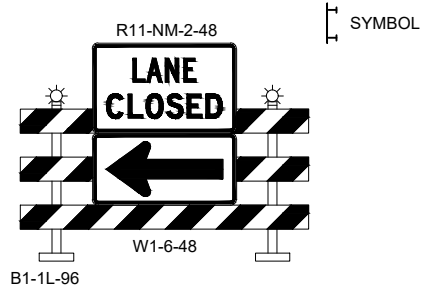
1. SEE SHEET 1-5 FOR GENERAL NOTES FOR ADDITIONAL PROJECT REQUIREMENTS.
2. SEE 702 SERIES STANDARD DRAWINGS FOR ADDITIONAL PROJECT REQUIREMENTS.

WARNING SIGNS:

ALL WARNING SIGNS ARE BLACK/FLUORESCENT ORANGE UNLESS OTHERWISE SPECIFIED.



8 FT. TYPE III BARRICADE




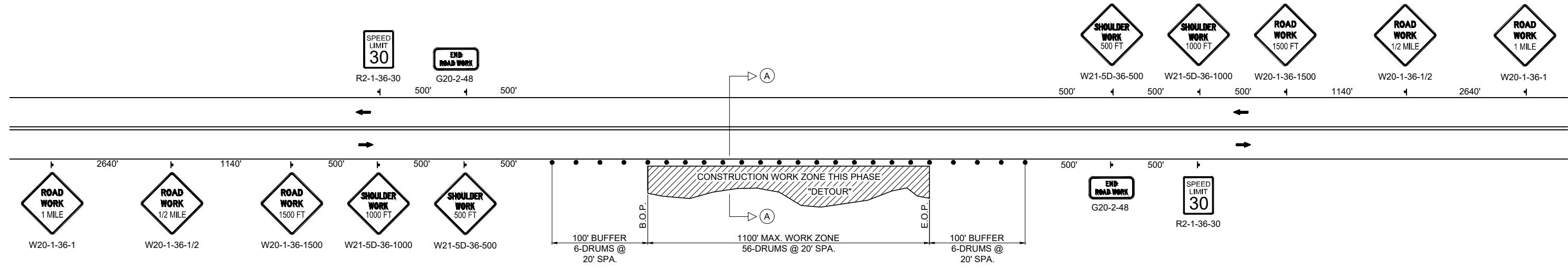
NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

SUGGESTED SEQUENCE
OF CONSTRUCTION

LEGEND


 CONSTRUCTION ZONE THIS PHASE

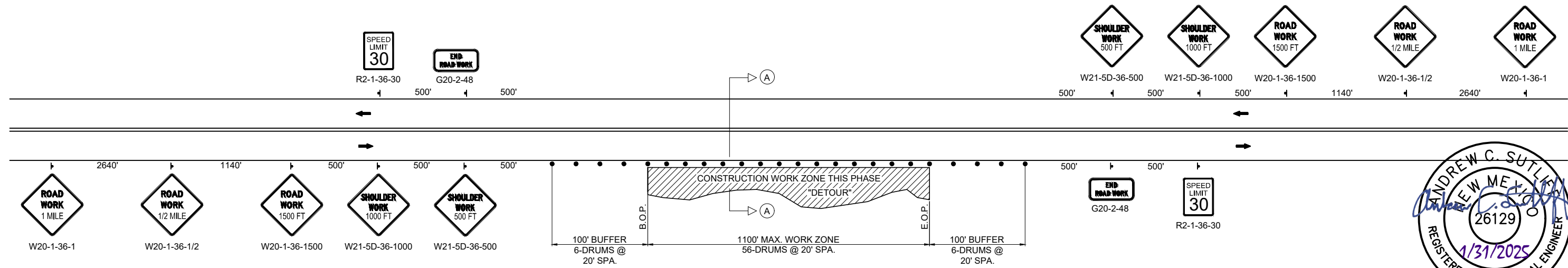
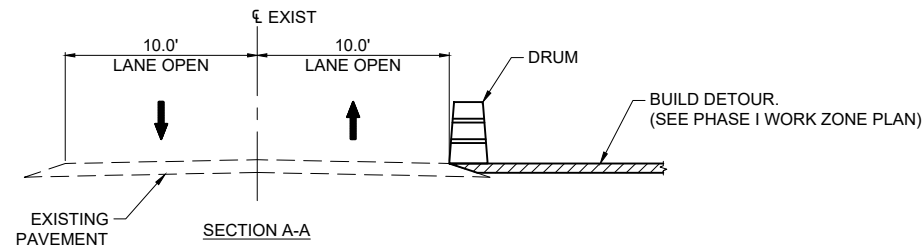


PHASE I ~ CONSTRUCTION HOURS

NOTE: EXISTING PAVEMENT SECTION SHALL NOT BE ALTERED OR DISTURBED IN ANY WAY DURING PHASE 1 CONSTRUCTION PROCEDURES.

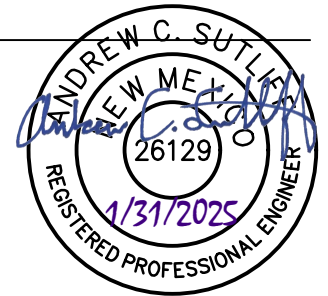
LEGEND

 CONSTRUCTION ZONE THIS PHASE



PHASE I ~ NON-CONSTRUCTION HOURS

NOTE: EXISTING PAVEMENT SECTION SHALL NOT BE ALTERED OR DISTURBED IN ANY WAY DURING PHASE 1 CONSTRUCTION PROCEDURES.



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

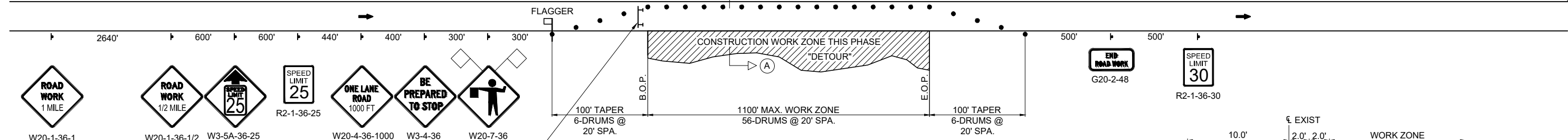
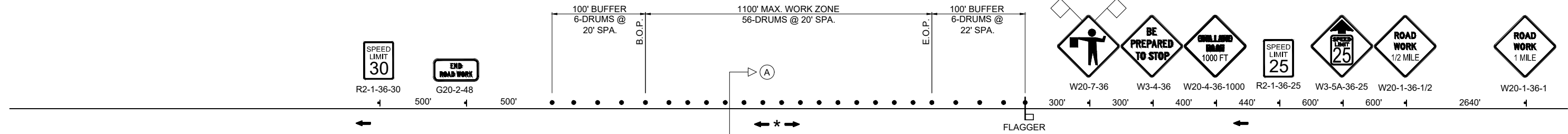
PHASE I
TRAFFIC CONTROL

File: J:\02 - Santa Fe Projects\CR 54 - LT2002622-05\DWG\Plan_Sheets\06-Shts (Traffic Control)\CR54_TC-Phasing_Traffic_Control.dwg Date: Sep 19, 2024 10:09am

LEGEND

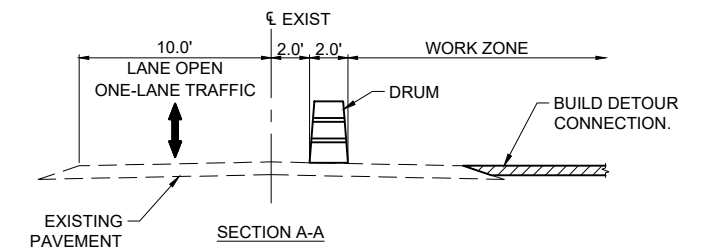
CONSTRUCTION ZONE THIS PHASE

* DIRECTION OF TRAFFIC FLOW DETERMINED BY FLAGGER

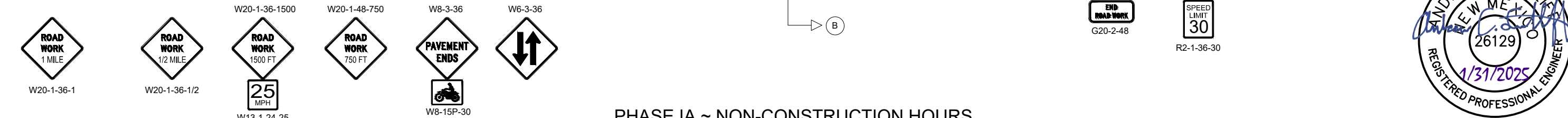
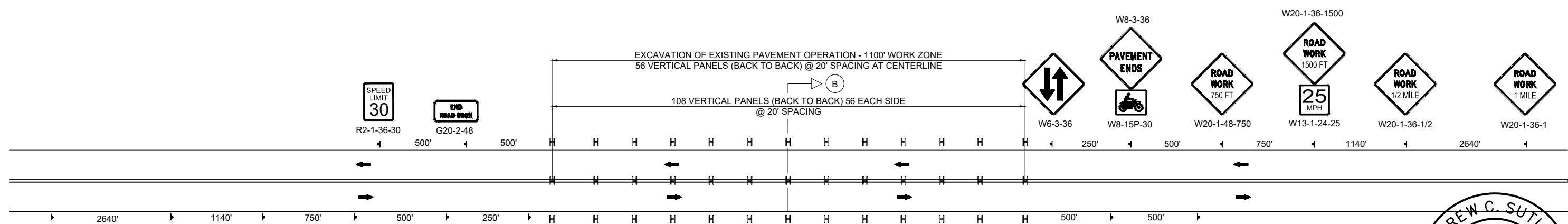


PHASE IA ~ CONSTRUCTION HOURS

NOTE: EXISTING PAVEMENT SECTION SHALL NOT BE ALTERED OR DISTURBED IN ANY WAY DURING PHASE 1 CONSTRUCTION PROCEDURES.

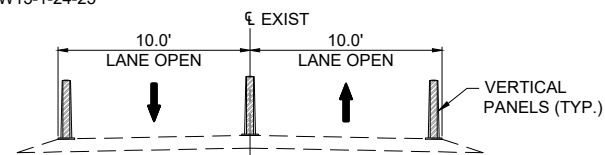


PHASE IA ~ CONSTRUCTION



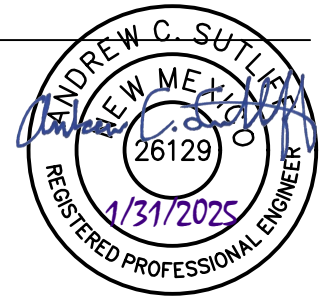
PHASE IA ~ NON-CONSTRUCTION HOURS

NOTE: EXISTING PAVEMENT SECTION SHALL NOT BE ALTERED OR DISTURBED IN ANY WAY DURING PHASE 1 CONSTRUCTION PROCEDURES.



PHASE IA ~ NON-CONSTRUCTION

NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

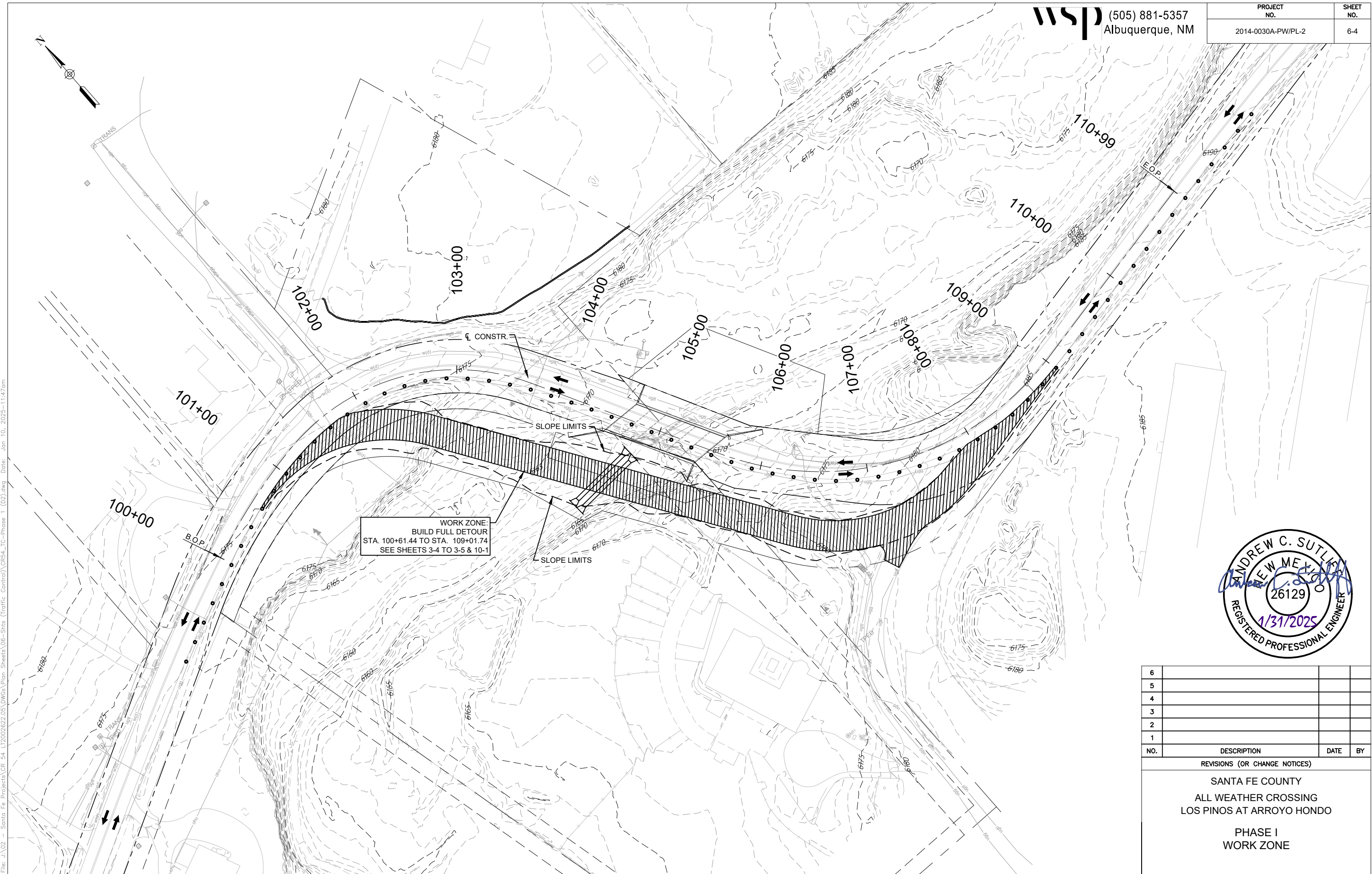


SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

PHASE IA
TRAFFIC CONTROL

File: J:\02 - Santa Fe Projects\CR 54 - LT20020222\05 DWG\Plan Sheets\06-Shts (Traffic Control)\CR54_TC-Phasing Traffic Control.dwg Date: Sep 19, 2024 10:51:00am

File: J:\02 - Santa Fe Projects\CR 54 - LT20020222-05\DWG\Plan Sheets\06-Shts (Traffic Control)\CR54_TC-Phase 1 (02).dwg Date: Jun 10, 2025-11:47am



WORK ZONE:
 BUILD FULL DETOUR
 STA. 100+61.44 TO STA. 109+01.74
 SEE SHEETS 3-4 TO 3-5 & 10-1



6			
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NO.	DESCRIPTION	DATE	BY

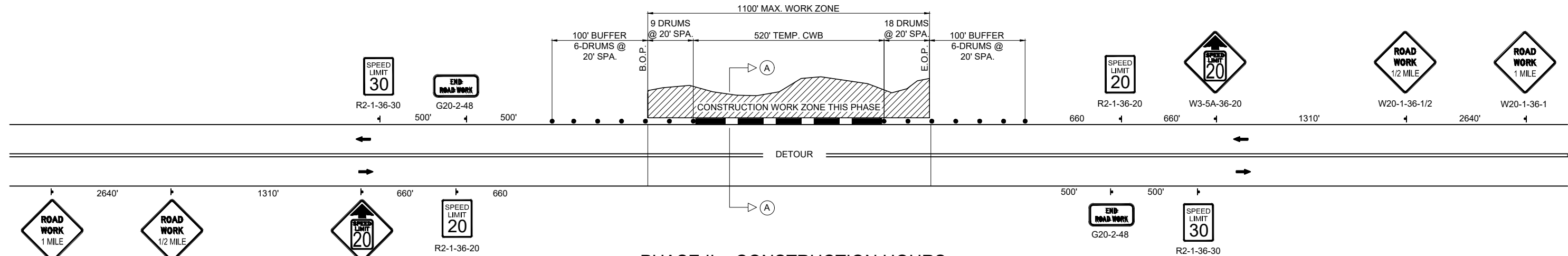
REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

PHASE I
WORK ZONE

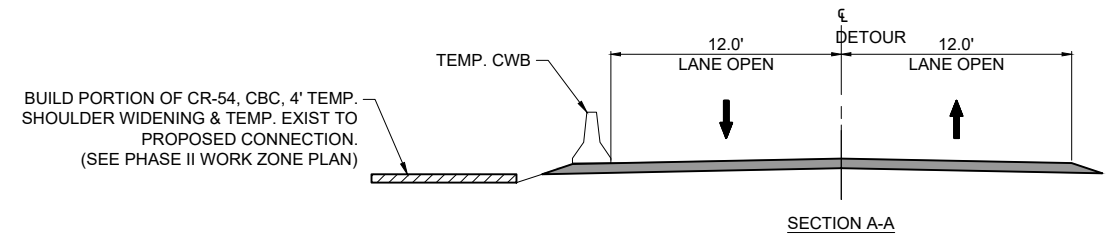
LEGEND

 CONSTRUCTION ZONE THIS PHASE




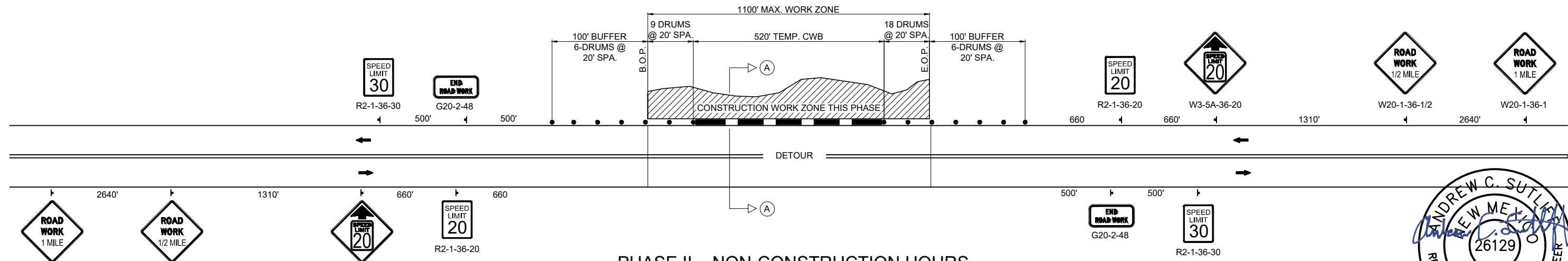
PHASE II ~ CONSTRUCTION HOURS

NOTE: EXISTING PAVEMENT SECTION SHALL NOT BE ALTERED OR DISTURBED IN ANY WAY DURING PHASE 1 CONSTRUCTION PROCEDURES.



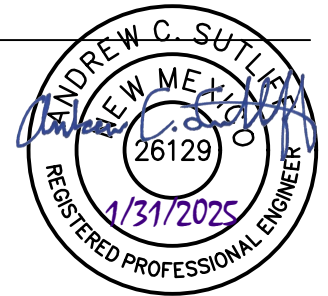
LEGEND

 CONSTRUCTION ZONE THIS PHASE



PHASE II ~ NON-CONSTRUCTION HOURS

NOTE: EXISTING PAVEMENT SECTION SHALL NOT BE ALTERED OR DISTURBED IN ANY WAY DURING PHASE 1 CONSTRUCTION PROCEDURES.

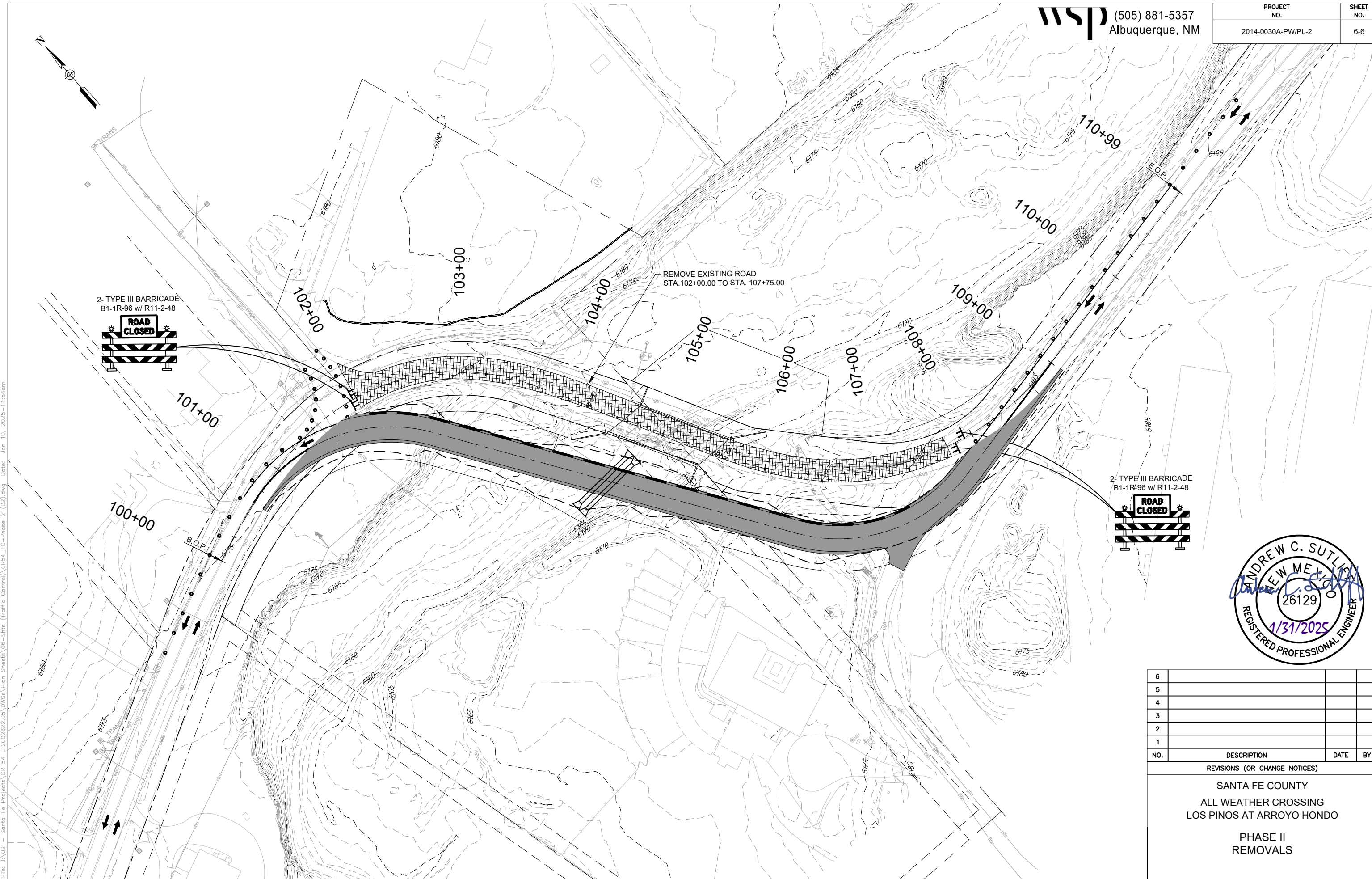


NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

PHASE II
TRAFFIC CONTROL

File: J:\02 - Santa Fe Projects\CR 54 LT2002622\05 DWG\Plan Sheets\06-Shts (Traffic Control)\CR54_TC-Phasing Traffic Control.dwg Date: Sep 19, 2024 8:12am



File: J:\02 - Santa Fe Projects\CR 54 LT20020222\05 DWG\Plan Sheets\06-Shts (Traffic Control)\CR54_TC-Phase 2 (02).dwg Date: Jun 10, 2025-11:54am

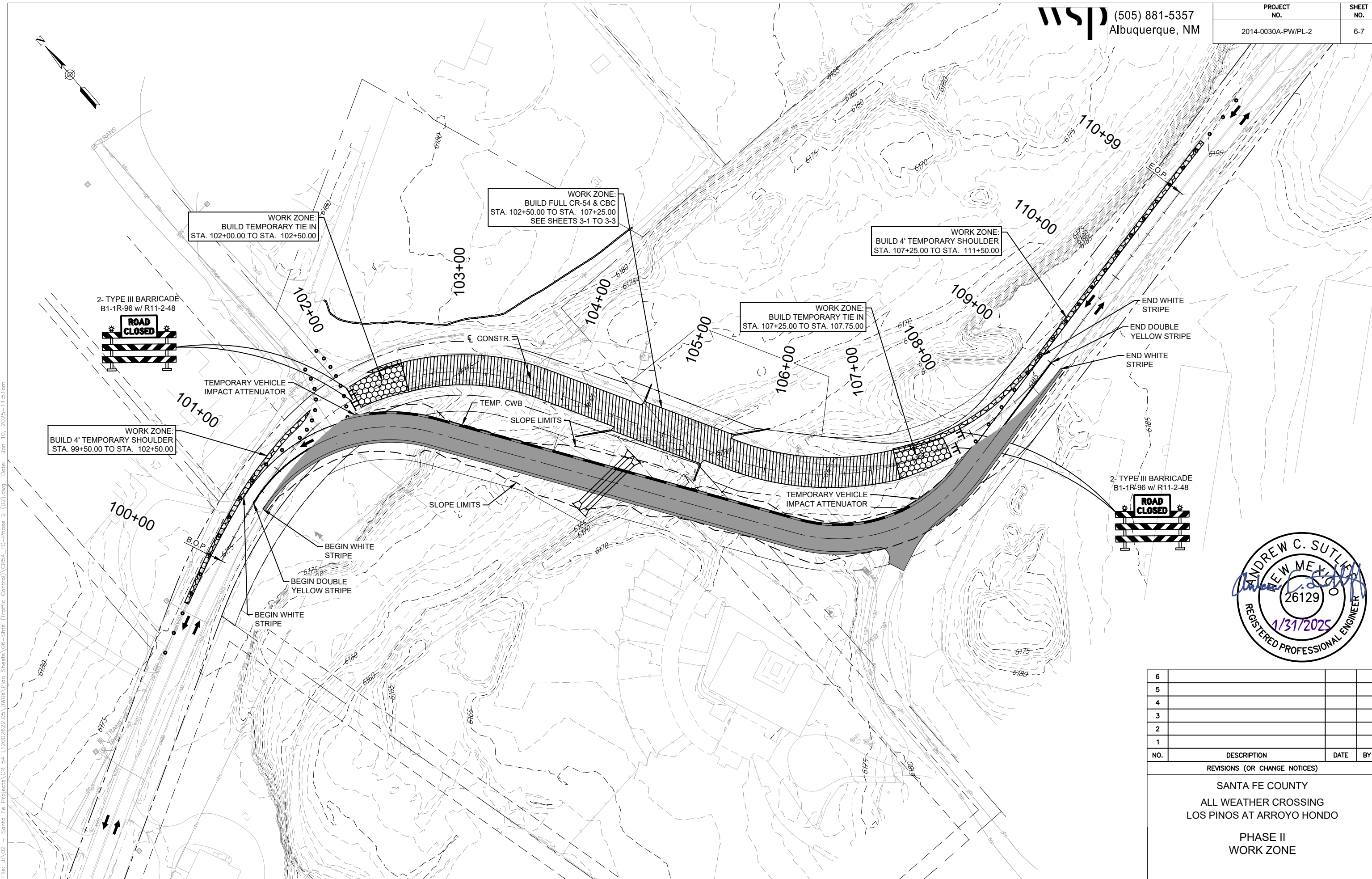


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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

PHASE II
REMOVALS



ANDREW C. SUTLIV
NEW MEXICO
26129
1/31/2025
REGISTERED PROFESSIONAL ENGINEER

6			
5			
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1			
NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

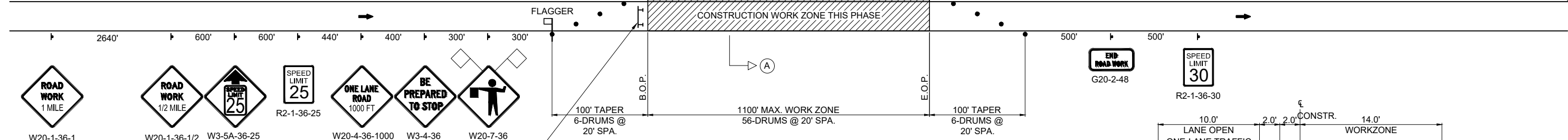
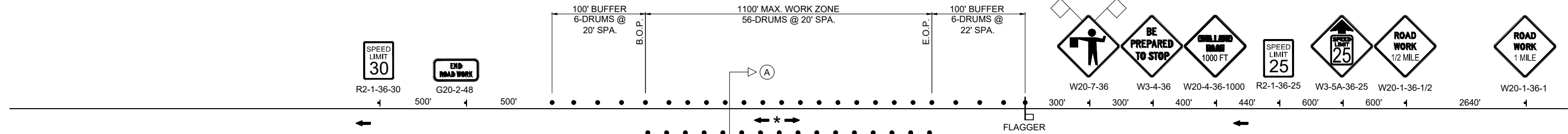
SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

PHASE II
WORK ZONE

LEGEND

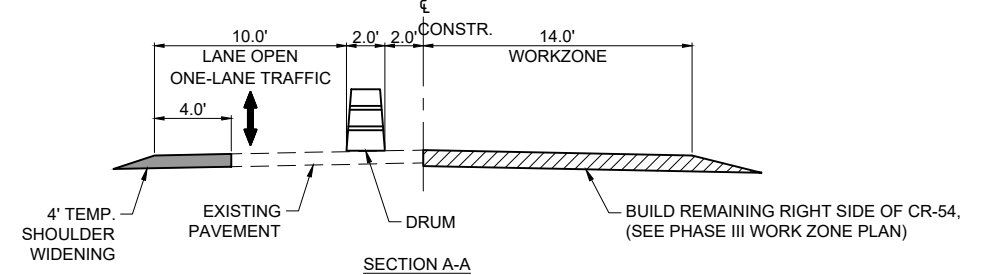
CONSTRUCTION ZONE THIS PHASE

* DIRECTION OF TRAFFIC FLOW DETERMINED BY FLAGGER

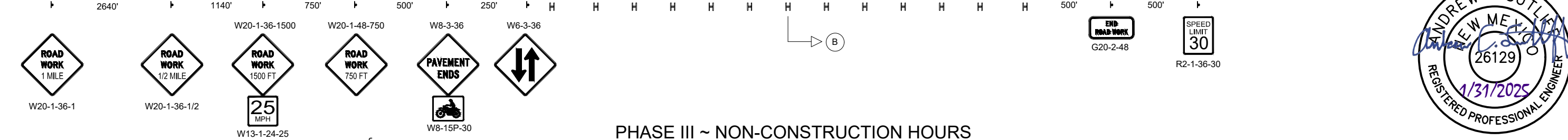
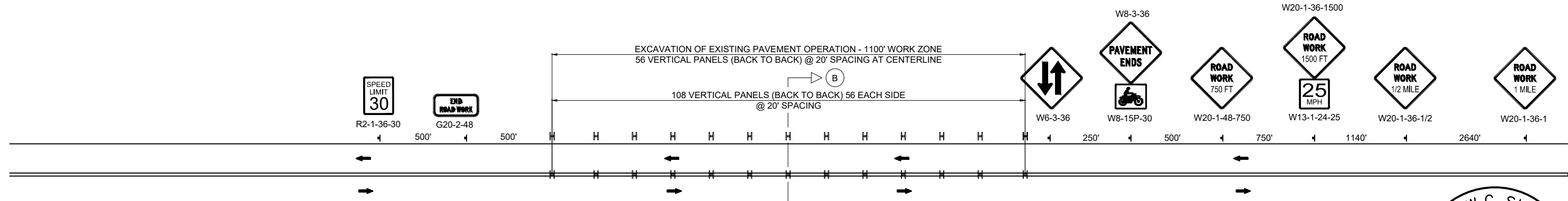


PHASE III ~ CONSTRUCTION HOURS

NOTE: EXISTING PAVEMENT SECTION SHALL NOT BE ALTERED OR DISTURBED IN ANY WAY DURING PHASE 1 CONSTRUCTION PROCEDURES.

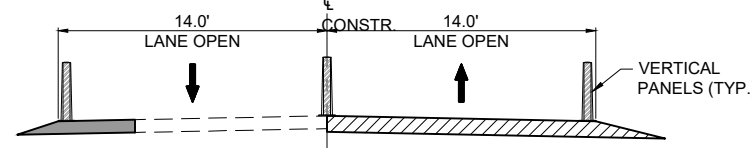


PHASE III ~ CONSTRUCTION

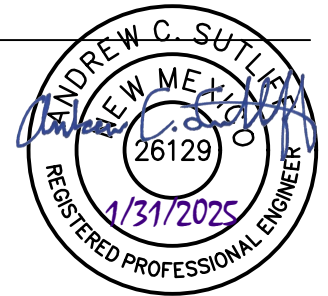


PHASE III ~ NON-CONSTRUCTION HOURS

NOTE: EXISTING PAVEMENT SECTION SHALL NOT BE ALTERED OR DISTURBED IN ANY WAY DURING PHASE 1 CONSTRUCTION PROCEDURES.



PHASE III ~ NON-CONSTRUCTION



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

PHASE III
TRAFFIC CONTROL

File: J:\02 - Santa Fe Projects\CR 54 - LT2002622\05 DWG\Plan Sheets\06-Shts (Traffic Control)\CR54_TC-Phasing Traffic Control.dwg Date: Sep. 21, 2024 10:18am



STA. 107+25.00 TO STA. 111+50.00
REMOVE EXISTING ROAD RT.

STA. 100+00.00 TO STA. 102+50.00
REMOVE EXISTING ROAD RT.



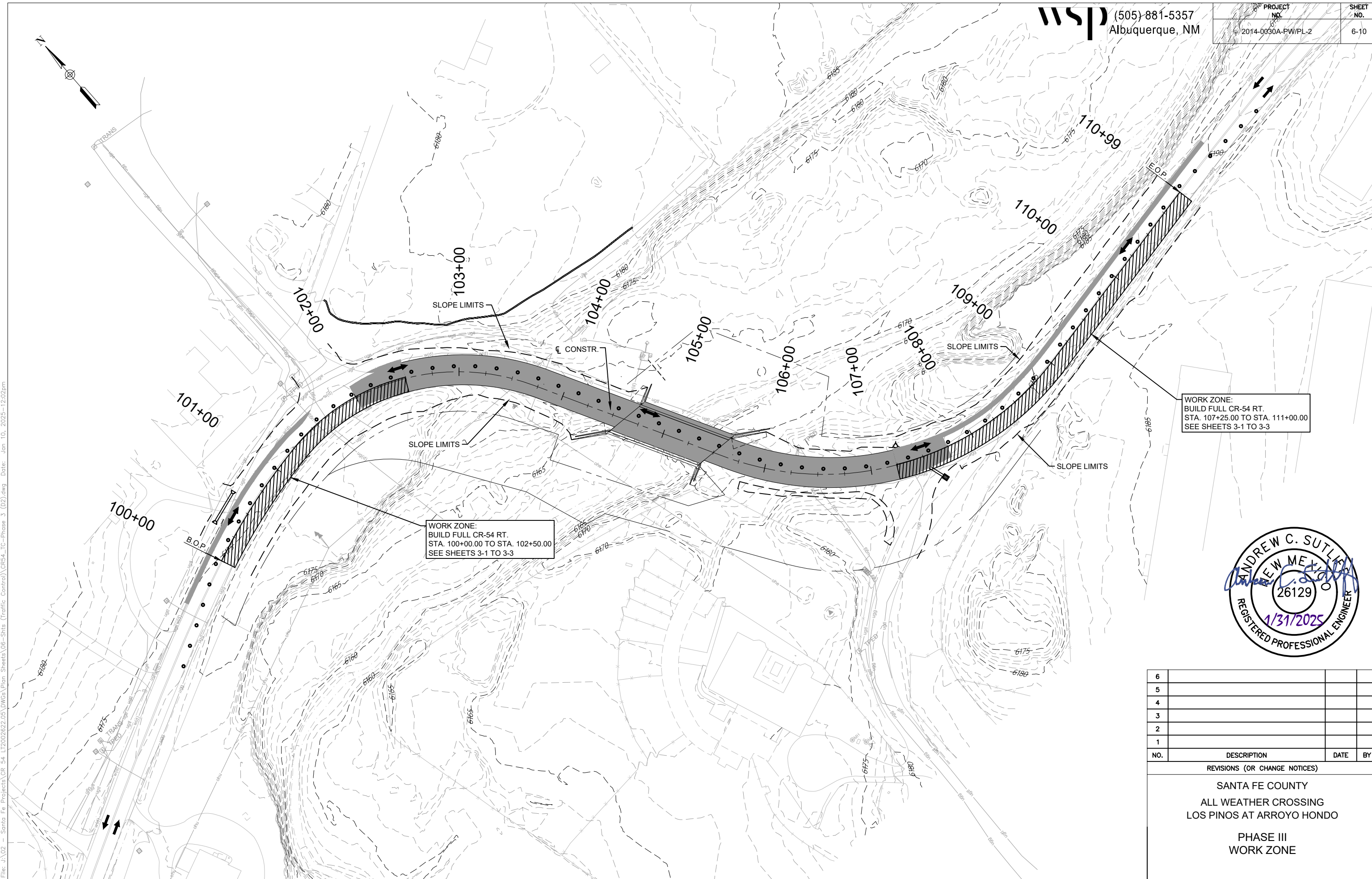
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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

PHASE III
REMOVALS

File: J:\02 - Santa Fe Projects\CR 54 LT2002622\05 DWG\Plan Sheets\06-Shts (Traffic Control)\CR54_TC-Phase 3 (02).dwg Date: Jun 10, 2025-12:01 pm



WORK ZONE:
BUILD FULL CR-54 RT.
STA. 107+25.00 TO STA. 111+00.00
SEE SHEETS 3-1 TO 3-3

WORK ZONE:
BUILD FULL CR-54 RT.
STA. 100+00.00 TO STA. 102+50.00
SEE SHEETS 3-1 TO 3-3



6			
5			
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NO.	DESCRIPTION	DATE	BY


REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

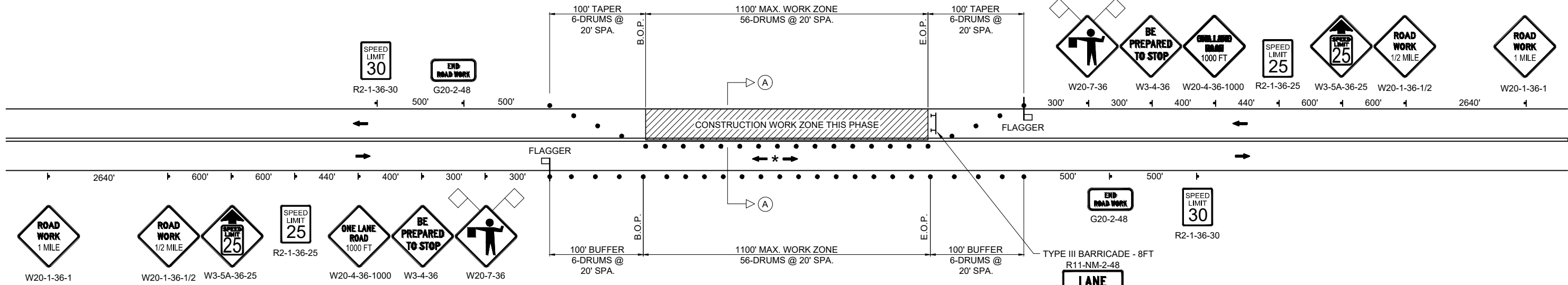
PHASE III
WORK ZONE

File: J:\02 - Santa Fe Projects\CR 54 LT20020222.05\DWG\Plan_Sheets\06-Shts (Traffic Control)\CR54_TC-Phase 3 (02).dwg Date: Jun 10, 2025-12:02pm

LEGEND

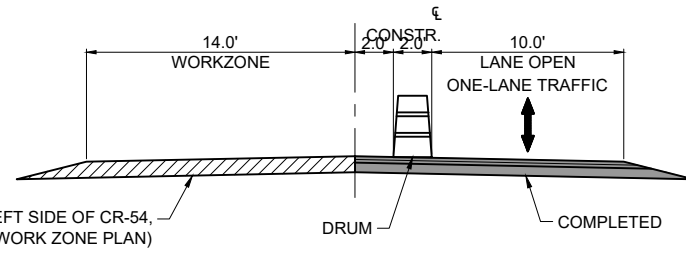
 CONSTRUCTION ZONE THIS PHASE

* DIRECTION OF TRAFFIC FLOW DETERMINED BY FLAGGER

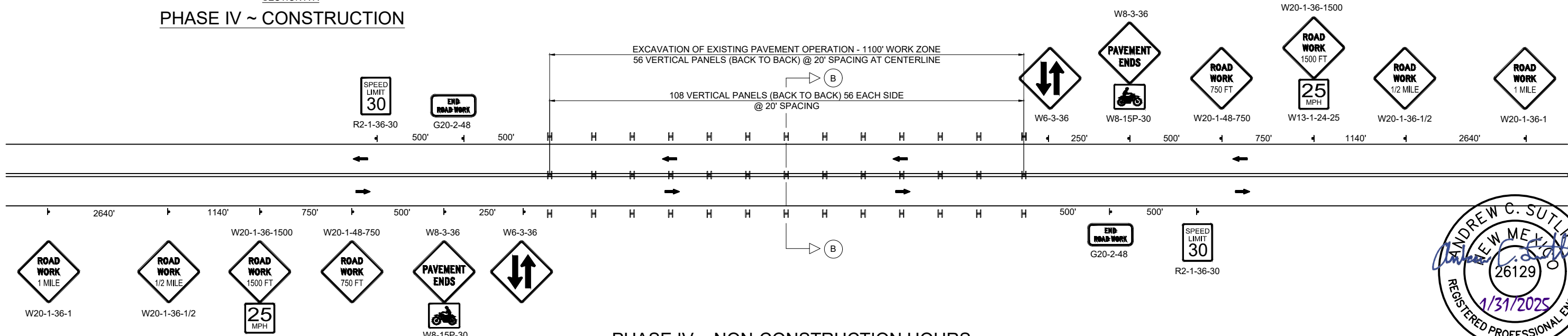


PHASE IV ~ CONSTRUCTION HOURS

NOTE: EXISTING PAVEMENT SECTION SHALL NOT BE ALTERED OR DISTURBED IN ANY WAY DURING PHASE 1 CONSTRUCTION PROCEDURES.

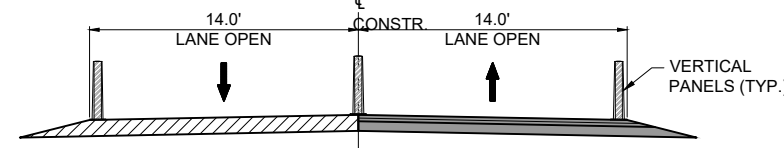


PHASE IV ~ CONSTRUCTION

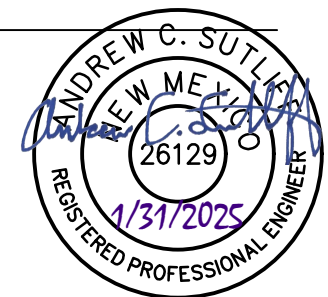
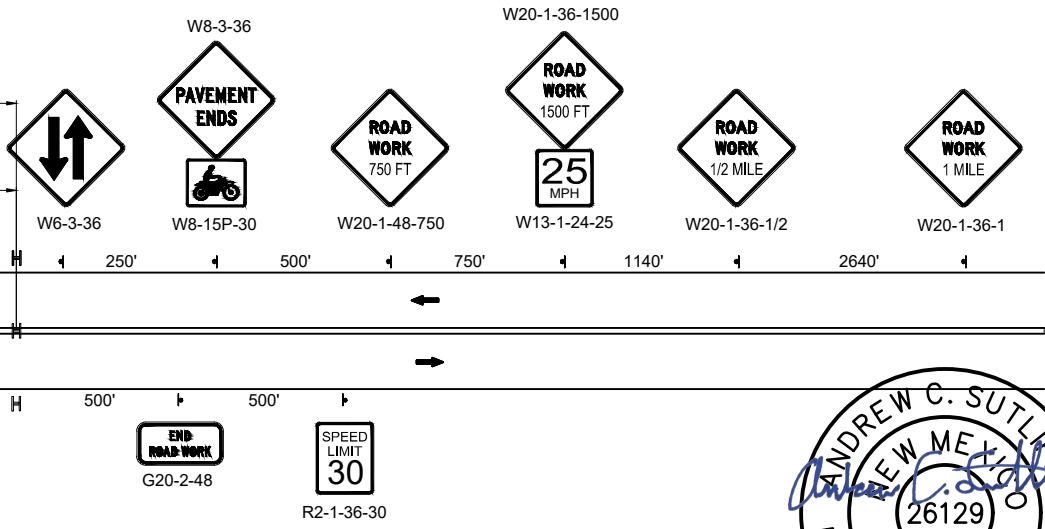


PHASE IV ~ NON-CONSTRUCTION HOURS

NOTE: EXISTING PAVEMENT SECTION SHALL NOT BE ALTERED OR DISTURBED IN ANY WAY DURING PHASE 1 CONSTRUCTION PROCEDURES.



PHASE IV ~ NON-CONSTRUCTION



NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

PHASE IV
TRAFFIC CONTROL

File: J:\02 - Santa Fe Projects\CR 54 LT20020222\05 DWG\Plan Sheets\06-Shts (Traffic Control)\CR54_TC-Phasing Traffic Control.dwg Date: Sep 19, 2024 8:08am



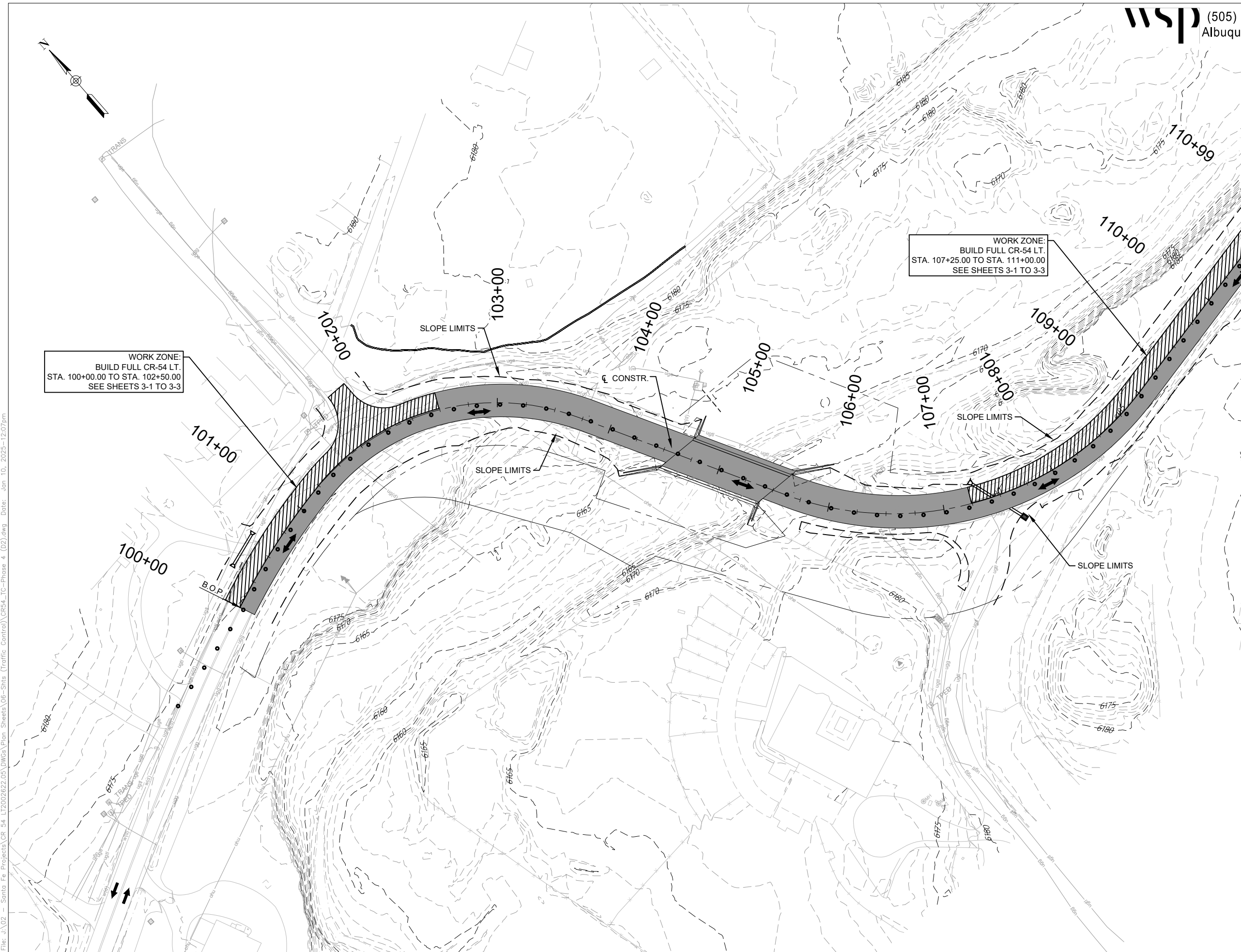
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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

PHASE IV
REMOVALS

File: J:\02 - Santa Fe Projects\CR 54 LT20020222\05 DWG\Plan Sheets\06-Shts (Traffic Control)\CR54_TC-Phase 4 (02).dwg Date: Jun 10, 2025-12:07pm



WORK ZONE:
BUILD FULL CR-54 LT.
STA. 100+00.00 TO STA. 102+50.00
SEE SHEETS 3-1 TO 3-3

WORK ZONE:
BUILD FULL CR-54 LT.
STA. 107+25.00 TO STA. 111+00.00
SEE SHEETS 3-1 TO 3-3



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

PHASE IV
WORK ZONE

File: J:\02 - Santa Fe Projects\CR 54 LT\20020222\05 DWG\Plan Sheets\06-Shts (Traffic Control)\CR54_TC-Phase 4 (02).dwg Date: Jun 10, 2025-12:07pm

**ITEM No. 720060
VEHICULAR IMPACT ATTENUATOR UNIT - WORK ZONES**

STATION	EACH	REMARKS
301+40.00 13.00' LT.	1	PHASE II
306+60.00 13.00' LT.	1	PHASE II
PROJECT TOTAL = 2		
PROJECT USE = 2		

**ITEM No. 606710
TCWB RETAINED BY THE CONTRACTOR (20')**

STATION	TO	STATION	LENGTH FEET	REMARKS
301+40.00 13.00' LT.	-	306+60.00 13.00' LT.	520	PHASE II
PROJECT TOTAL = 520				
PROJECT USE = 520				

**ITEM No. 704100
REMOVABLE MARKING TAPE 4"**

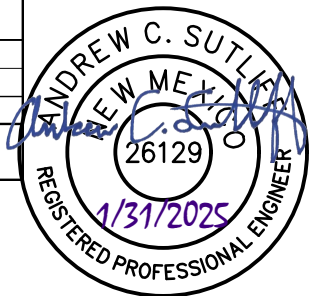
STATION	TO	STATION	DESCRIPTION	LIN. FT.	REMARKS
299+95	-	308+55	4" DOUBLE SOLID YELLOW	860.00	PHASE II
299+95	-	308+55	4" SOLID WHITE	860.00	PHASE II
SUB-TOTAL PHASE II (WHITE)				860	
SUB-TOTAL PHASE II (YELLOW)				860	
SUB-TOTAL =				1720	
X TWO APPLICATIONS =				3440	
PROJECT TOTAL =				3440	
USE =				3500	

**ITEM No. 405000
DETOUR PAVEMENT CONSTRUCTION**

STATION	TO	STATION	LOC.	LENGTH (FT)	WIDTH (FT)	AREA SQ. FT.	AREA SQ. YD.	REMARKS
99+50.00	-	102+50.00	LT.	300.00	4	1200.00	133.33	WEST OF ARROYO
107+25.00	-	111+50.00	LT.	425.00	4	1700.00	188.89	EAST OF ARROYO
100+61.44	-	109+01.74	RT.	840.30	26	21847.80	2427.53	DETOUR
PROJECT TOTAL =							2749.76	
USE =							2800	

**ITEM No. 213000
OBLITERATING OLD ROAD**

STATION	TO	STATION	LENGTH MILE	REMARKS
100+61.44	-	109+01.74 RT.	0.161	DETOUR
PROJECT TOTAL = 0.161				
PROJECT USE = 0.161				



SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

TRAFFIC CONTROL
MISCELLANEOUS QUANTITIES

NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			

SIGN CODE	SIGN SIZE	NO. OF SIGNS	TOTAL SIGN AREA	MOUNTING REQUIREMENTS							CHANNELIZATION DEVICES			
				POST				BASE POST			PORTABLE SIGN SUPPORT	BARRICADE, TYPE III-8'	DRUMS	VERTICAL PANEL, TYPE BACK TO BACK
				LEFT	CENTER	RIGHT	TOTAL LENGTH	NO.	TOTAL LENGTH	LINEAL FT.				
SQ.FT.	EACH	SQ.FT.	LIN.FT.	LIN.FT.	LIN.FT.	LIN.FT.	EACH	LIN.FT.	EACH	EACH	EACH	EACH		
PHASE I - CONSTRUCTION HOURS - SEE SHEET 6-2														
CHANNELIZATION DEVICES														
G20-2-48	8	2	16	9	--	9	36	1	7.0	--		68		
R2-1-36-30	12	2	24	--	9	--	18	1	7.0	--				
W20-1-36-1	9	2	18	--	9	--	18	1	7.0	--				
W20-1-36-1/2	9	2	18	--	9	--	18	1	7.0	--				
W20-1-36-1500	9	2	18	--	--	--	--	--	--	2				
W21-5D-36-1000	9	2	18	--	--	--	--	--	--	2				
W21-5D-36-500	9	2	18	--	--	--	--	--	--	2				
SUBTOTAL:			130					90	28	6	0	68	0	
PHASE I - NON-CONSTRUCTION HOURS - SEE SHEET 6-2														
CHANNELIZATION DEVICES														
G20-2-48	8	2	*	9	--	9	*	1	*	--		68		
R2-1-36-30	12	2	*	--	9	--	*	1	*	--				
W20-1-36-1	9	2	*	--	9	--	*	1	*	--				
W20-1-36-1/2	9	2	*	--	9	--	*	1	*	--				
W20-1-36-1500	9	2	*	--	--	--	--	--	--	*				
W21-5D-36-1000	9	2	*	--	--	--	--	--	--	*				
W21-5D-36-500	9	2	*	--	--	--	--	--	--	*				
SUBTOTAL:			0					0	0	0	0	68	0	
PHASE II - CONSTRUCTION HOURS - SEE SHEET 6-5														
CHANNELIZATION DEVICES														
G20-2-48	8	2	*	9	--	9	*	1	*	--		2	39	
R2-1-36-20	12	2	24	--	--	--	--	--	--	2				
R2-1-36-30	12	2	*	--	9	--	*	1	*	--				
R11-2-48	10	2	20	**	**	**	**	--	--	--				
W20-1-36-1	9	2	*	--	9	--	*	1	*	--				
W20-1-36-1/2	9	2	*	--	9	--	*	1	*	--				
W3-5A-36-20	9	2	18	--	--	--	--	--	--	2				
SUBTOTAL:			62					0	0	4	2	39	0	
PHASE II - NON-CONSTRUCTION HOURS - SEE SHEET 6-5														
CHANNELIZATION DEVICES														
G20-2-48	8	2	*	9	--	9	*	1	*	--		39		
R2-1-36-20	12	2	*	--	--	--	--	--	--	*				
R2-1-36-30	12	2	*	--	9	--	*	1	*	--				
R11-2-48	10	2	*	**	**	**	**	--	--	--				
W20-1-36-1	9	2	*	--	9	--	*	1	*	--				
W20-1-36-1/2	9	2	*	--	9	--	*	1	*	--				
W3-5A-36-20	9	2	*	--	--	--	--	--	--	*				
SUBTOTAL:			0					0	0	0	0	39	0	
PHASE IA, PHASE III & PHASE IV - CONSTRUCTION HOURS - SEE SHEET 6-3 (PH-IA), 6-8 (PH-III) & 6-11 (PH-IV)														
CHANNELIZATION DEVICES														
G20-2-48	8	2	*	9	--	9	*	1	*	--		1	136	
R2-1-36-25	12	2	24	--	--	--	--	--	--	2				
R2-1-36-30	12	2	*	--	9	--	*	1	*	--				
R11-NM-2-48	10	1	10	**	**	**	**	--	--	--				
W1-6L-48	8	1	8	**	**	**	**	--	--	--				
W3-4-36	9	2	18	--	--	--	--	--	--	2				
W3-5A-36-25	9	2	18	--	--	--	--	--	--	2				
W20-1-36-1	9	2	*	--	9	--	*	1	*	--				
W20-1-36-1/2	9	2	*	--	9	--	*	1	*	--				
W20-4-36-1000	9	2	18	--	--	--	--	--	--	2				
W20-7-36	9	2	18	--	--	--	--	--	--	2				
SUBTOTAL:			114					0	0	10	1	136	0	
PHASE IA, PHASE III & PHASE IV - NON-CONSTRUCTION HOURS - SEE SHEET 6-3 (PH-IA), 6-8 (PH-III) & 6-11 (PH-IV)														
CHANNELIZATION DEVICES														
G20-2-48	8	2	*	9	--	9	*	1	*	--			164	
R2-1-36-30	12	2	*	--	9	--	*	1	*	--				
W6-3-36	9	2	18	--	--	--	--	--	--	2				
W8-3-36	9	2	18	--	--	--	--	--	--	2				
W8-15P-30	5	2	10	**	**	**	**	--	--	--				
W13-1-24-25	4	2	8	**	**	**	**	--	--	--				
W20-1-36-1	9	2	*	--	9	--	*	--	*	--				
W20-1-36-1/2	9	2	*	--	9	--	*	--	*	--				
W20-1-36-1500	9	2	*	--	--	--	--	--	--	*				
W20-1-36-750	9	2	18	--	--	--	--	--	--	2				
SUBTOTAL:			72					0	0	6	0	0	164	

* SIGN QUANTIFIED IN A PREVIOUS PHASE.
** NO POSTS REQUIRED, SIGN TO BE MOUNTED ON POSTS WITH ANOTHER SIGN.

**SUMMARY OF QUANTITIES
TRAFFIC CONTROL ITEMS**

ITEM No.	DESCRIPTION	UNITS	USE
213000	OBLITERATE OLD ROAD	MILE	0.161
606710	TCWB RETAINED BY THE CONTRACTOR (20')	LIN. FT.	520
702810	TRAFFIC CONTROL DEVICES FOR CONSTRUCTION	L.S.	L.S.
704100	REMOVABLE MARKING TAPE 4"	LIN. FT.	3500
720060	VEHICULAR IMPACT ATTENUATOR UNIT - WORK ZONES	EACH	2

**SUMMARY OF QUANTITIES
DETOUR ITEMS**

ITEM No.	DESCRIPTION	UNITS	USE
203211	UNSTABLE SUBGRADE STABILIZAION	SQ. YDS.	420
405000	DETOUR PAVEMENT CONSTRUCTION	SQ. YDS.	2800

ITEM No. 702810

ITEMIZED LIST OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION

ITEM No.	BID ITEM	UNITS	PHASE I CONSTR.	PHASE I NON-CON.	PHASE IA CONSTR.	PHASE IA NON-CON.	PHASE II CONSTR.	PHASE II NON-CON.	PHASE III CONSTR.	PHASE III NON-CON.	PHASE IV CONSTR.	PHASE IV NON-CON.	USE
*	CONSTRUCTION SIGNING	SQ. FT.	130	0	114	72	62	0	114	72	114	72	750
*	STEEL POSTS AND BASE POSTS FOR CONSTRUCTION SIGNING	LIN. FT.	118	0	0	0	0	0	0	0	0	0	118
*	PORTABLE SIGN SUPPORT	EACH	6	0	10	6	4	0	10	6	10	6	58
*	BARRICADE TYPE III 8'	EACH	0	0	1	0	2	0	1	0	1	0	2
*	CHANNELIZATION DEVICE, TYPE DRUM	EACH	68	68	136	0	39	39	136	0	136	0	136
*	VERTICAL PANEL, TYPE BACK TO BACK	EACH	0	0	0	164	0	0	0	164	0	164	164

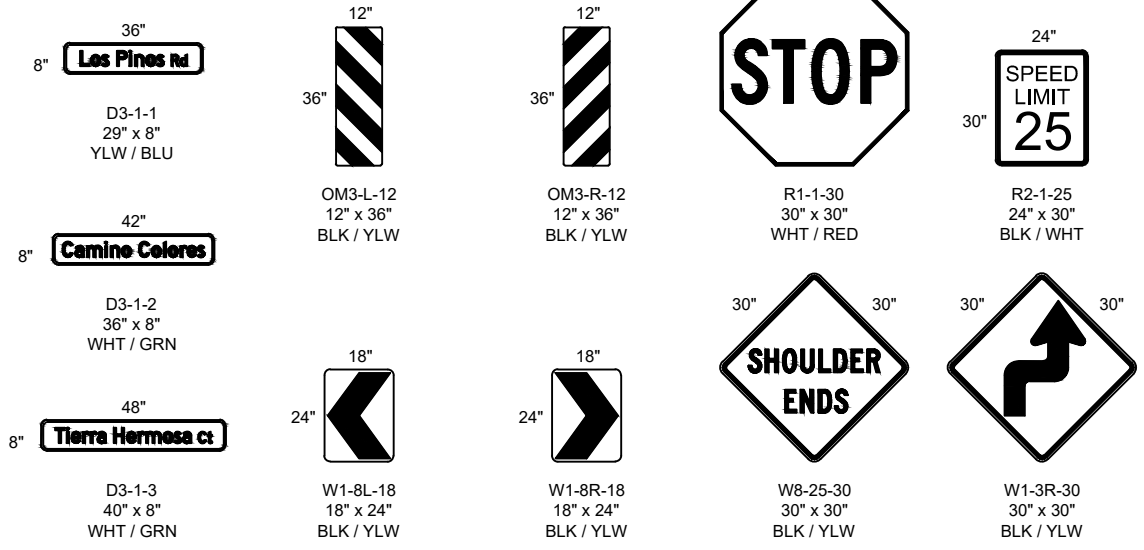
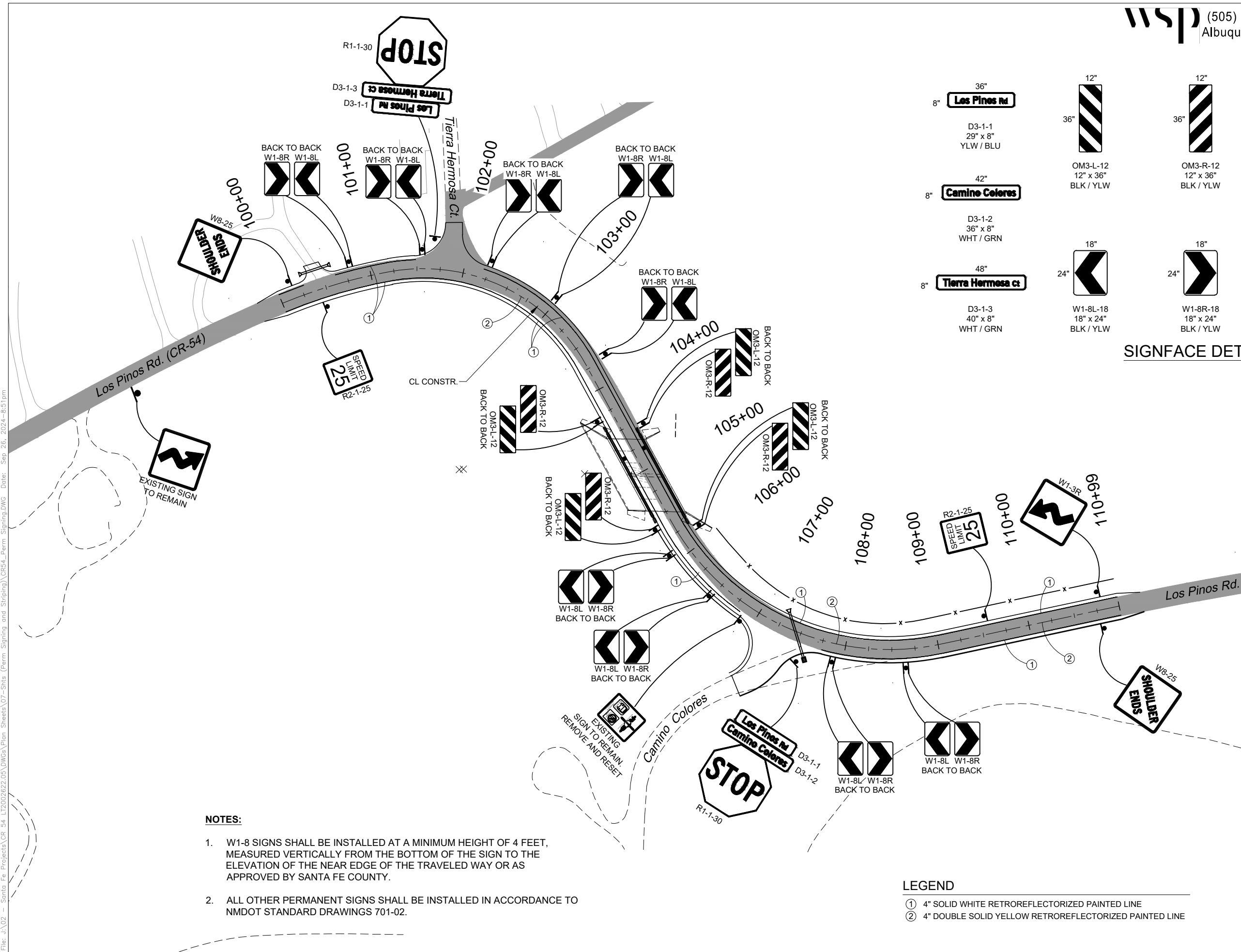
* FOR CONTRACTOR INFORMATION ONLY



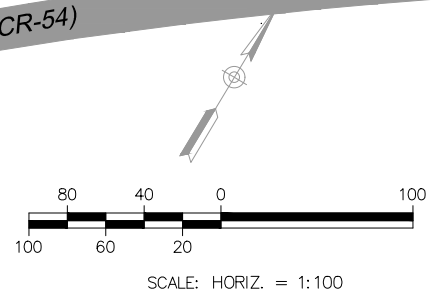
NO.	DESCRIPTION	DATE	BY

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

TRAFFIC CONTROL
SUMMARY OF QUANTITIES



SIGNFACE DETAILS



- NOTES:**
1. W1-8 SIGNS SHALL BE INSTALLED AT A MINIMUM HEIGHT OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAVELED WAY OR AS APPROVED BY SANTA FE COUNTY.
 2. ALL OTHER PERMANENT SIGNS SHALL BE INSTALLED IN ACCORDANCE TO NMDOT STANDARD DRAWINGS 701-02.

- LEGEND**
- ① 4" SOLID WHITE RETROREFLECTORIZED PAINTED LINE
 - ② 4" DOUBLE SOLID YELLOW RETROREFLECTORIZED PAINTED LINE

NO.	DESCRIPTION	DATE	BY
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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO
PERMANENT SIGNING & STRIPING
PLAN

File: J:\02 - Santa Fe Projects\CR 54 LT20020222.05\DWG\Plan Sheets\07-Shts (Perm Signing and Striping)\CR54_Perm_Signing.DWG Date: Sep 26, 2024 - 8:51pm

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL
701000	PANEL SIGNS	SQ.FT.	130
701031	REMOVE AND RESET TRAFFIC SIGN	EACH	1
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	LIN.FT.	300
703003	OBJECT MARKER TYPE 3	EACH	8
704000	RETROREFLECTORIZED PAINTED MARKINGS 4"	LIN.FT.	13200

ESTIMATED SIGNING & POST LENGTH QUANTITIES

SIGN CODE	NO. OF SIGNS	TOTAL SIGN AREA (SQ FT)	POST LENGTHS (LIN.FT.)				MOUNTING REQUIREMENTS - SQUARE TUBING						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.)	
D3-1-1	2	4.00		*		*			*					*	*
D3-1-2	1	2.33		*		*			*					*	*
D3-1-3	1	2.67		*		*			*					*	*
OM3-L-12	4	12.00		9.00		36.00			ü					4	14
OM3-R-12	4	12.00		9.00		36.00			ü					4	14
R1-1-30	2	12.50		9.00		18.00			ü					2	7
R2-1-25	2	10.00		9.00		18.00			ü					2	7
W1-8L-18	9	27.00		9.00		81.00			ü					9	31.5
W1-8R-18	9	27.00		*		*			*					*	*
W1-3R-30	1	6.25		9.00		9.00			ü					1	3.5
W8-25-30	2	12.50		9.00		18.00			ü					2	7
PROJECT TOTAL:		128.25				216.00								84	84
USE:		130				216								84	84

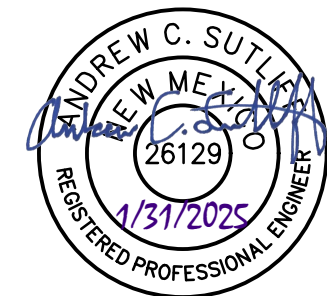
* MOUNTED ON ANOTHER SIGN POST

ITEM NO. 701031 REMOVE AND RESET TRAFFIC SIGN

STATION	LOC	EACH	REMARKS
107+08	RT.	1	NCRTD BUS STOP SIGN
PROJECT TOTAL:		1	
USE:		1	

ITEM NO. 704000 RETROREFLECTORIZED PAINTED MARKINGS

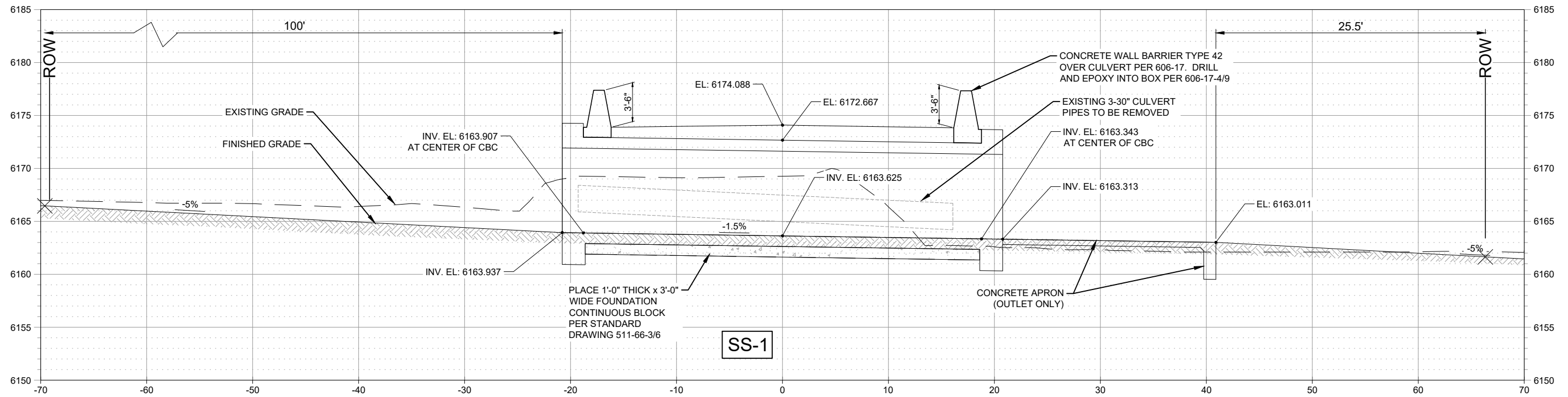
ALIGNMENT	4" SOLID WHITE (LIN.FT.)	4" DOUBLE SOLID YELLOW (LIN.FT.)
B.O.P. to E.O.P.	1100	1100
(X2 STRIPES)	2200	2200
SUB-TOTALS	2200	2200
PROJECT TOTAL:	4400	
X 3 APPLICATIONS:	13200	
USE:	13200	



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO
PERMANENT SIGNING & STRIPING
QUANTITIES



STA. 105+05.49 (30° SKEW L.F.)

NOTES

- SEE SHEET 5-2 FOR LOCATION OF MODIFIED DROP INLETS.
- SEE SHEET 5-3 FOR MODIFIED DROP INLET DETAILS.
- SEE SHEET 2-6 FOR CHANNEL GRADING PLAN.

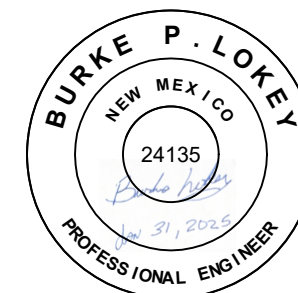
REMOVE EXISTING 3-30" CULVERT PIPES.
 BUILD 2 - 3 BARREL 12'S x 8'R x 41.6'L CONCRETE BOX CULVERTS SKEW 30° LF DESIGN FILL "A" WITH HEADWALLS (LT. AND RT.), WINGWALLS (LT. AND RT.) AND CONCRETE APRON (OUTLET ONLY).
 BUILD 2 - MODIFIED DROP INLETS AT LOW POINT STATION 104+74.46 (11.91' LT & RT).
 GRADE INLET, OUTLET AND FILL INSIDE CBC.

NMDOT STANDARD DRAWINGS: 210-01, 511-59, 511-64, 511-66, 511-67

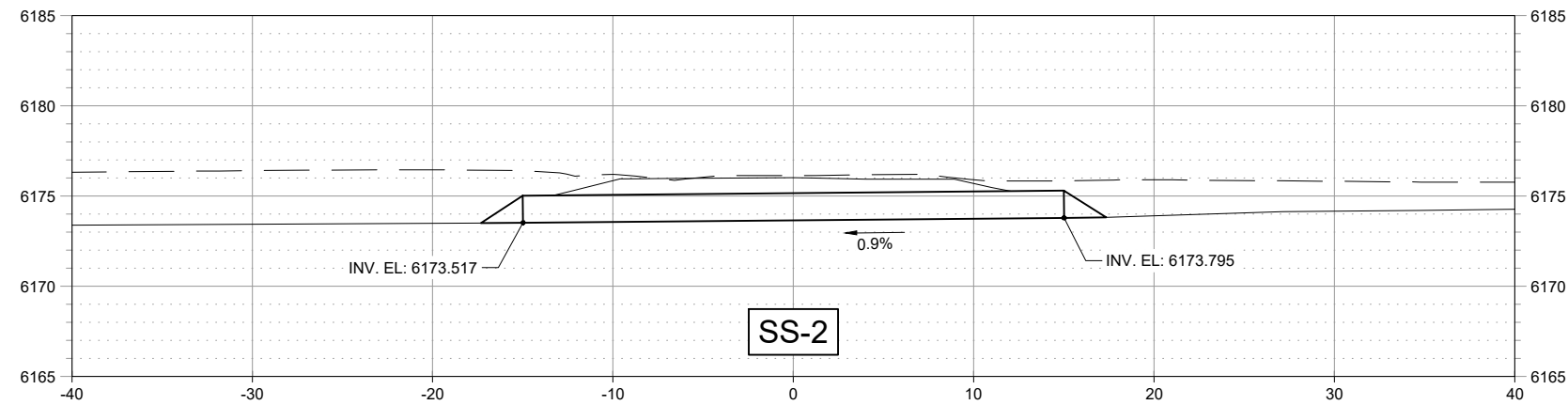
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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
 ALL WEATHER CROSSING
 LOS PINOS AT ARROYO HONDO
 STRUCTURE PLACEMENT
 SECTIONS



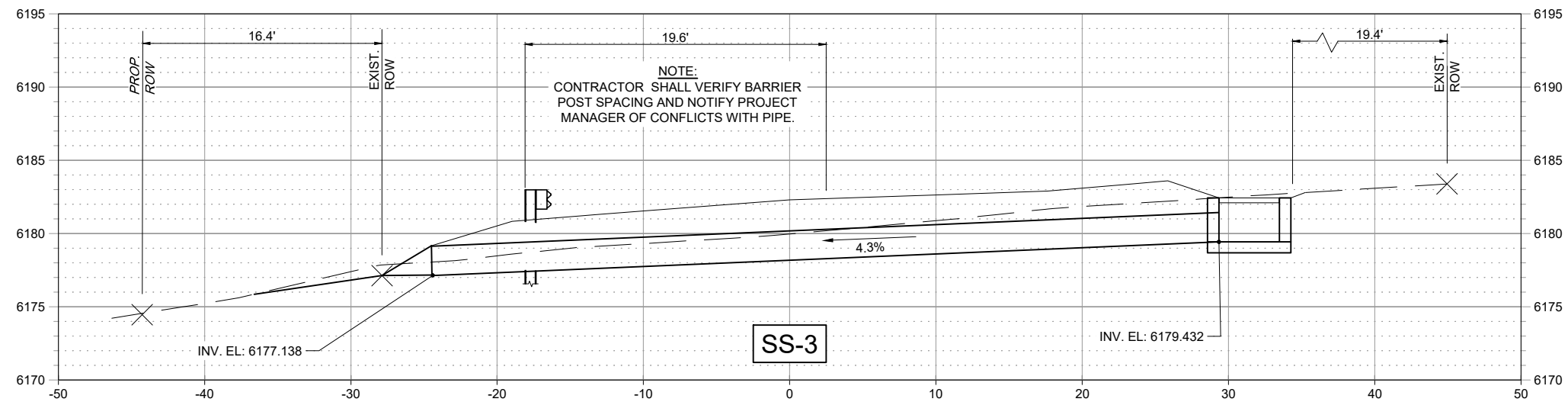
File: J:\02 - Santa Fe Projects\CR 54 LT2002622.05\DWG\Plan Sheets\10-Sits (Structures)\CR54_Struct Placement (CBC).dwg Date: Jan 31, 2025 - 10:35am



STA. 100+43.80; 22.13' LT. (15° SKEW R.F.) TURNOUT

BUILD 1- 24"S x 18"R x 30' CULVERT PIPE ARCH w/ END SECTIONS LT. & RT.

NMDOT STANDARD DRAWINGS: 206-07, 570-02

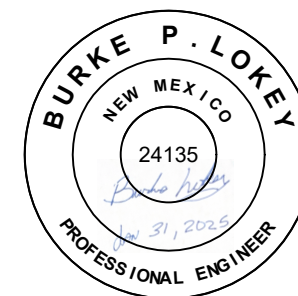


STA. 107+94.63 (40° SKEW R.F.)

BUILD 1- MEDIAN DROP INLET TYPE I (RURAL) H=3'-0"
BUILD 1- 24" x 54' CULVERT PIPE w/ END SECTIONS LT.

NMDOT STANDARD DRAWINGS: 206-07, 570-02, 623-01, 623-02

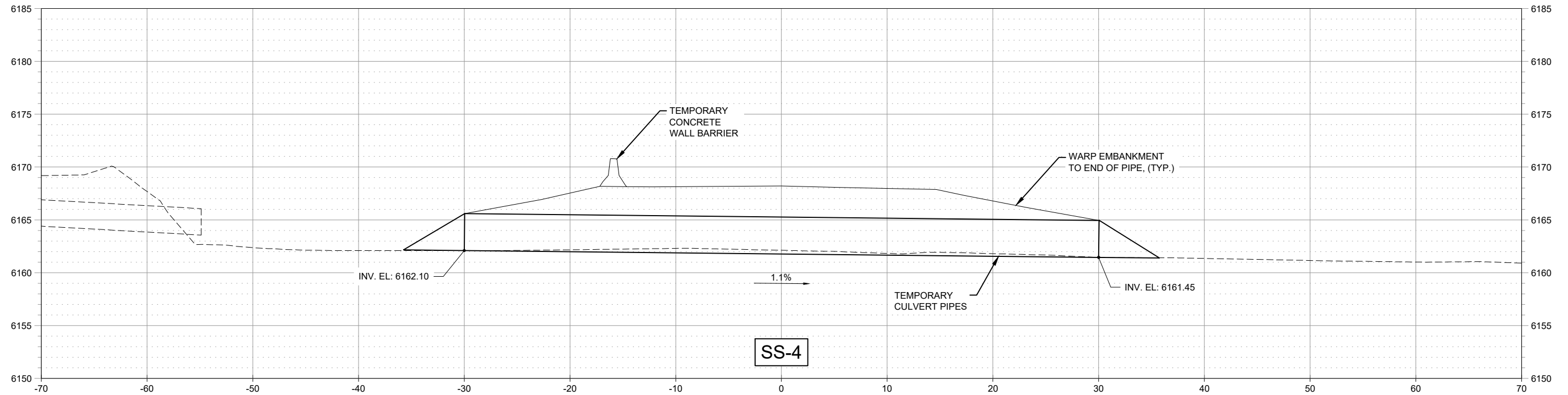
NOTE:
CONTRACTOR SHALL VERIFY BARRIER
POST SPACING AND NOTIFY PROJECT
MANAGER OF CONFLICTS WITH PIPE.



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NO.	DESCRIPTION	DATE	BY

REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO
STRUCTURE PLACEMENT
SECTIONS

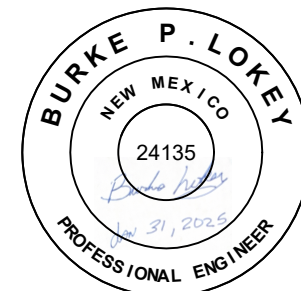


STA. 303+63.00 (30° SKEW L.F.)

BUILD 2- 42"x60" TEMPORARY CULVERT PIPES w/ END SECTIONS LT. & RT.
DURING TEMPORARY DETOUR

REMOVE 2- 42"x60" TEMPORARY CULVERT PIPES w/ END SECTIONS LT. & RT.
DURING REMOVAL OF DETOUR. CONTRACTOR TO RETAIN CULVERT PIPES.

NMDOT STANDARD DRAWINGS: 206-07, 570-02, 606-22

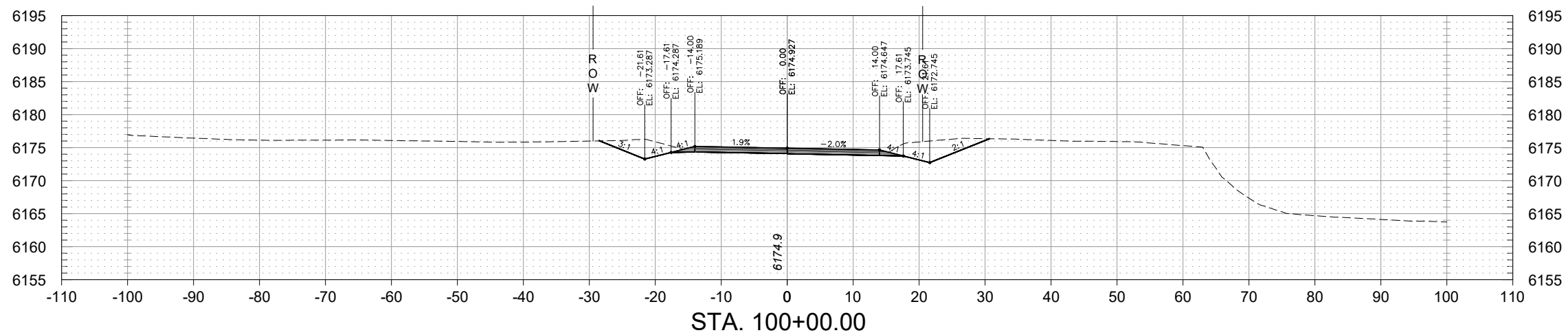
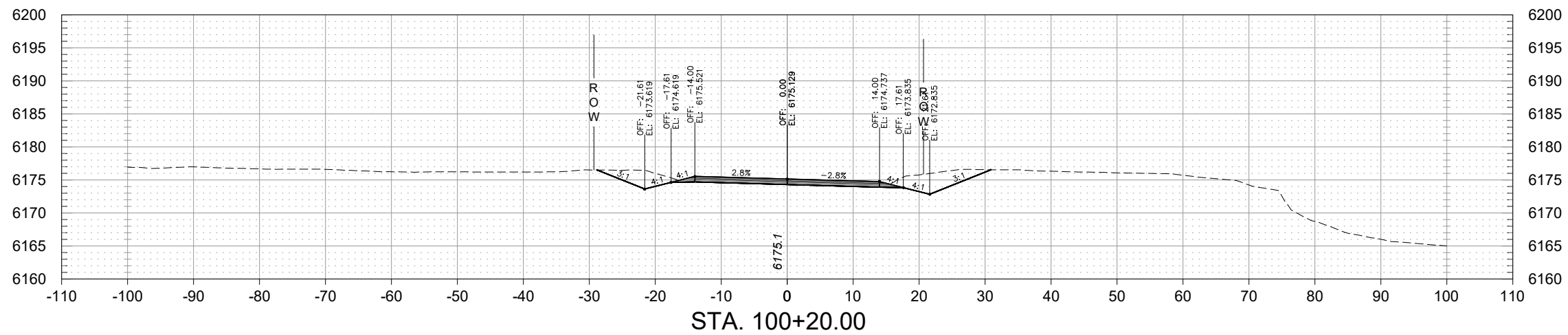
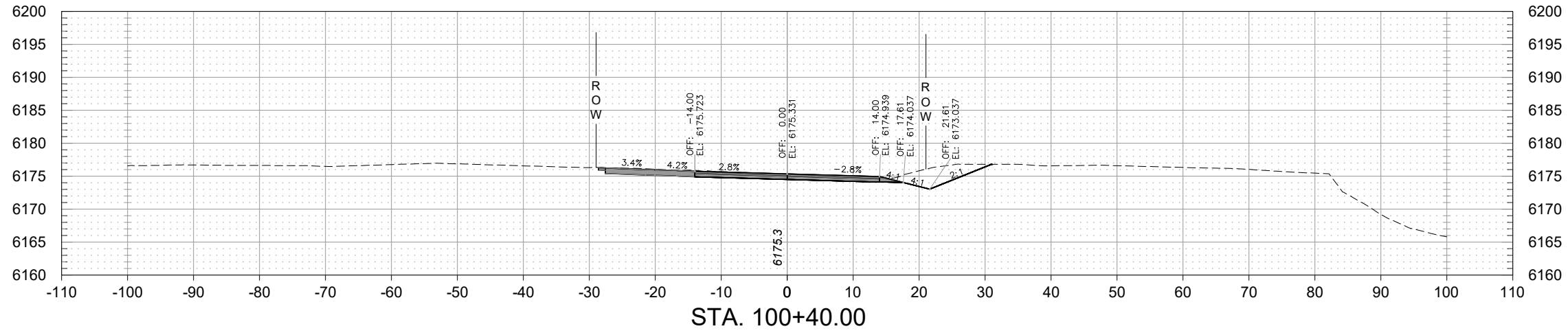


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REVISIONS (OR CHANGE NOTICES)

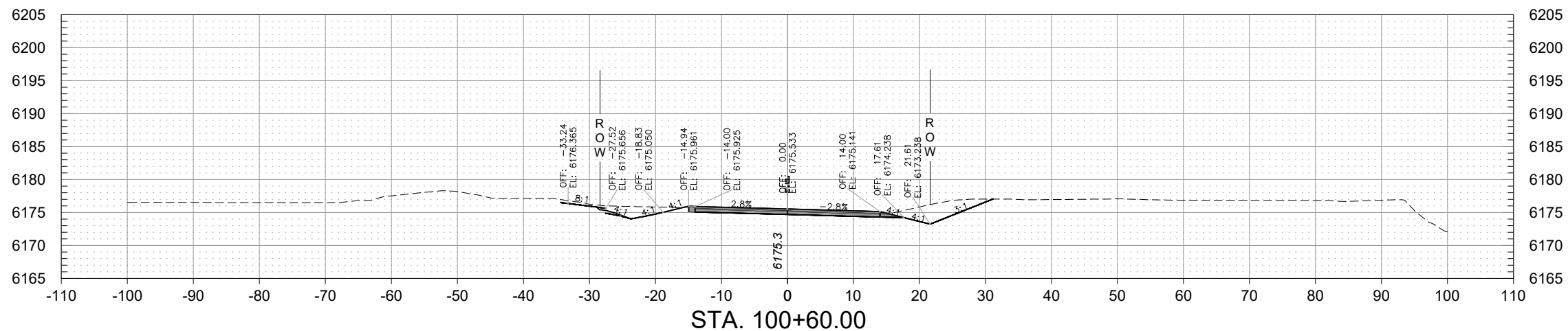
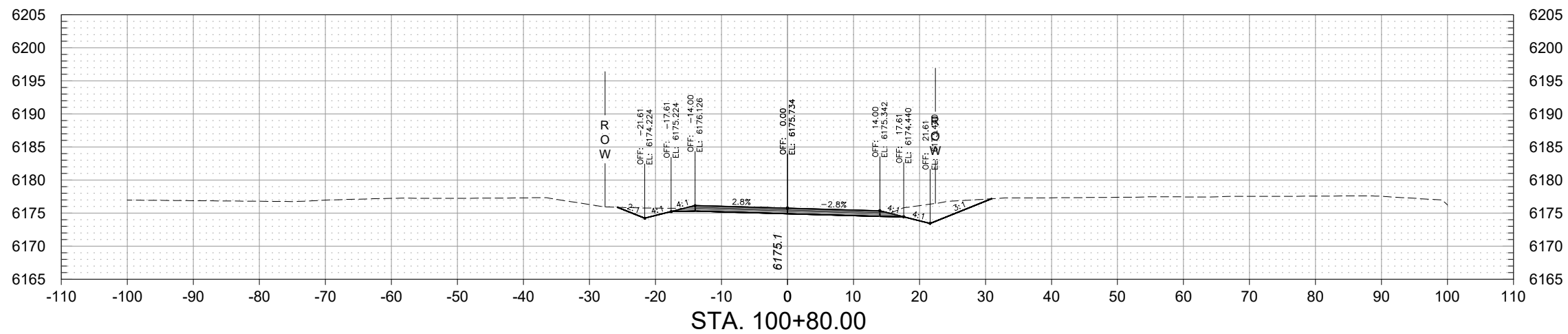
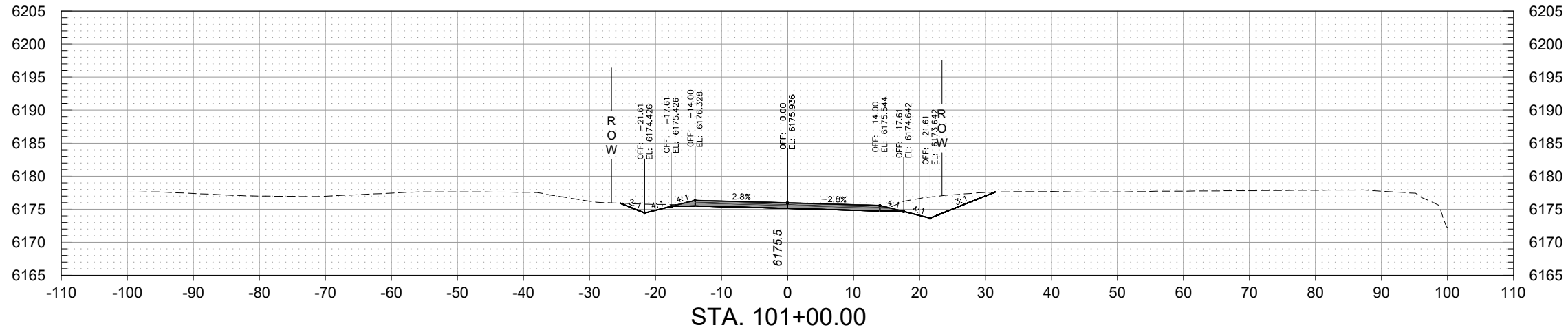
SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO
STRUCTURE PLACEMENT
SECTIONS

File: J:\02 - Santa Fe Projects\CR 54 LT2002622.05\DWG\Plan Sheets\10-Sits (Structures)\CR54_Struct Placement (D2).dwg Date: Sep 27, 2024-6:04am



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
SANTA FE COUNTY ALL WEATHER CROSSING LOS PINOS AT ARROYO HONDO CROSS SECTIONS "CR-54"			

File: J:\02 - Santa Fe Projects\CR 54 LT2002622-05\DWG\Plan Sheets\13-Shts (Cross Sections)\CR54_Cross Sections (CR-54).DWG Date: Oct 01, 2024 - 8:06am



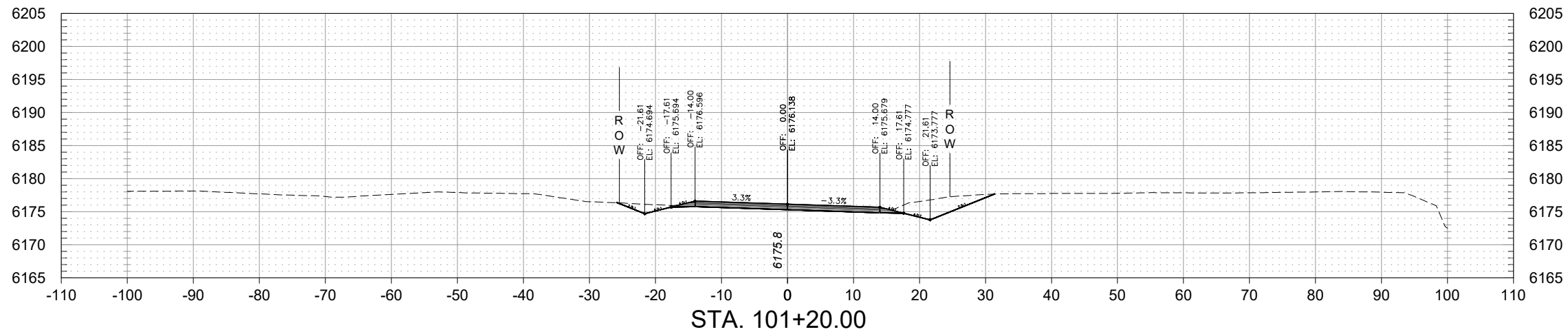
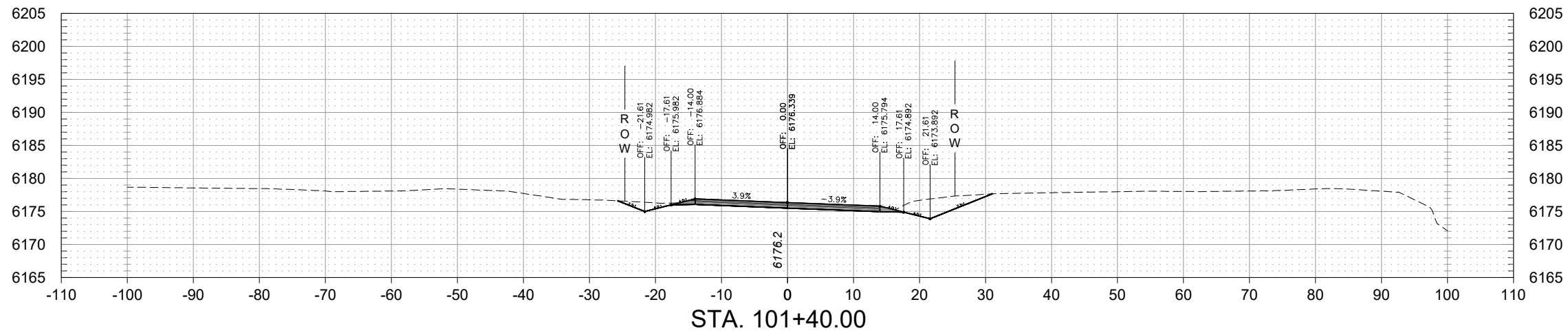
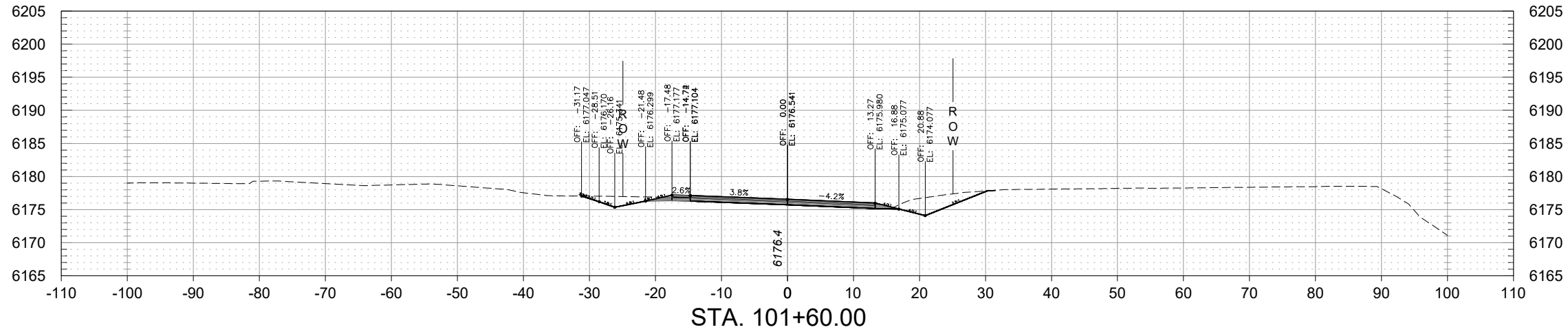
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REVISIONS (OR CHANGE NOTICES)

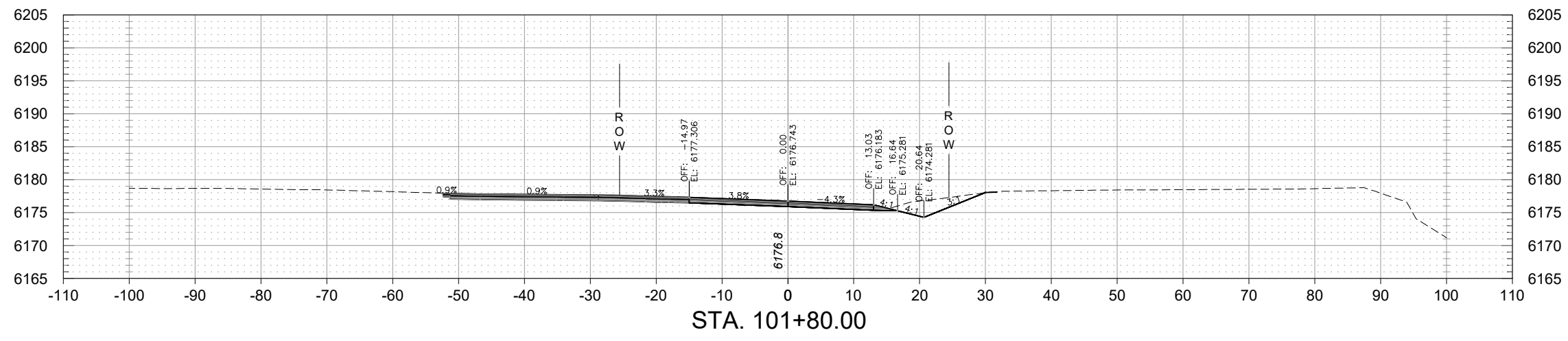
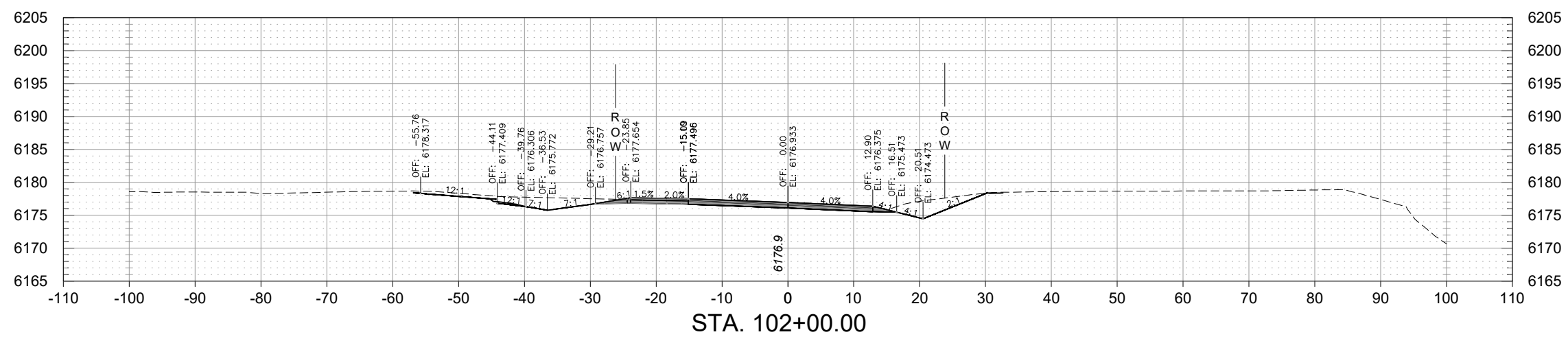
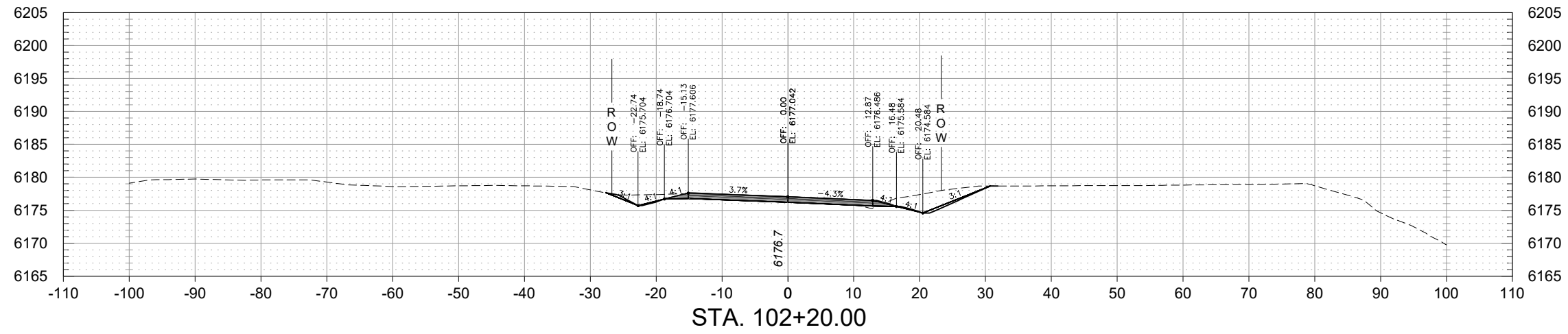
SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

CROSS SECTIONS
"CR-54"

File: J:\02 - Santa Fe Projects\CR 54 LT2002622.05\DWGs\Plan Sheets\13-Shts (Cross Sections)\CR54_Cross Sections (CR-54)\DWG Date: Oct 01, 2024 8:05am



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
SANTA FE COUNTY ALL WEATHER CROSSING LOS PINOS AT ARROYO HONDO CROSS SECTIONS "CR-54"			



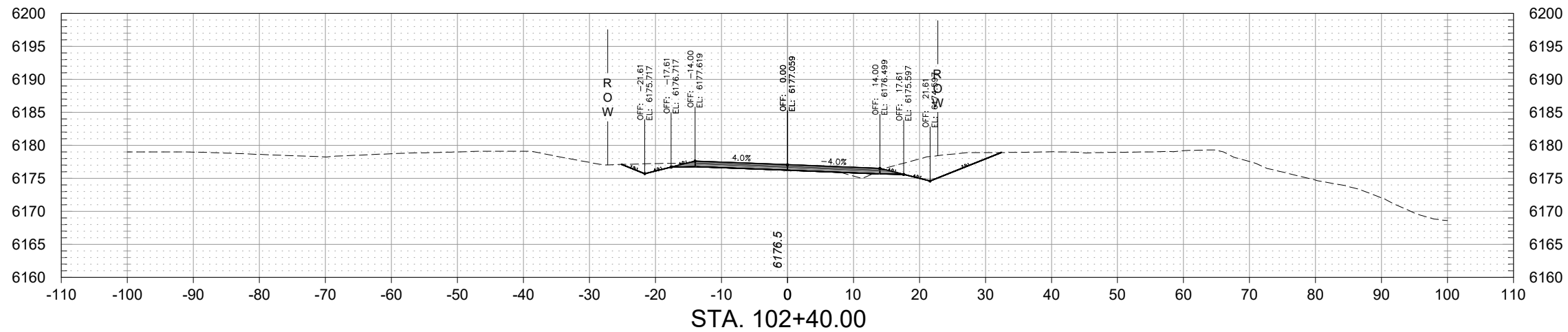
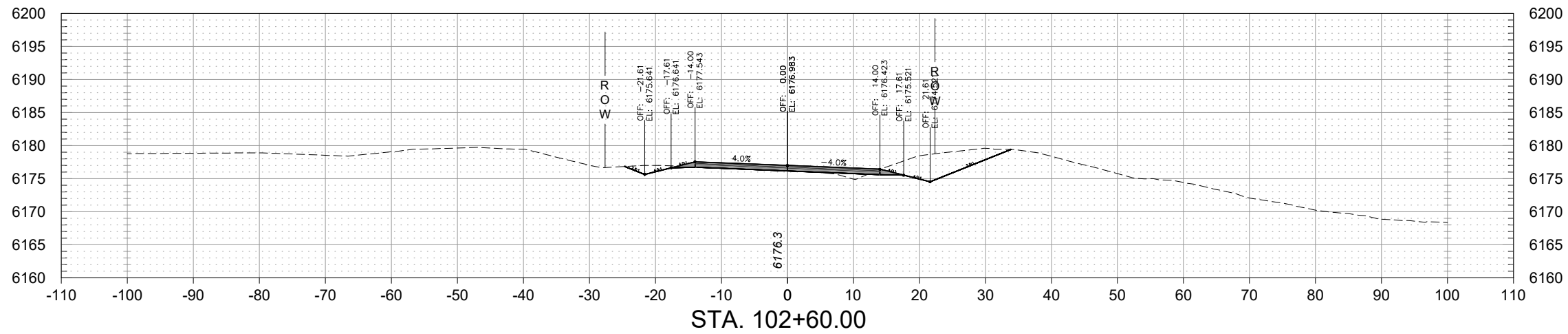
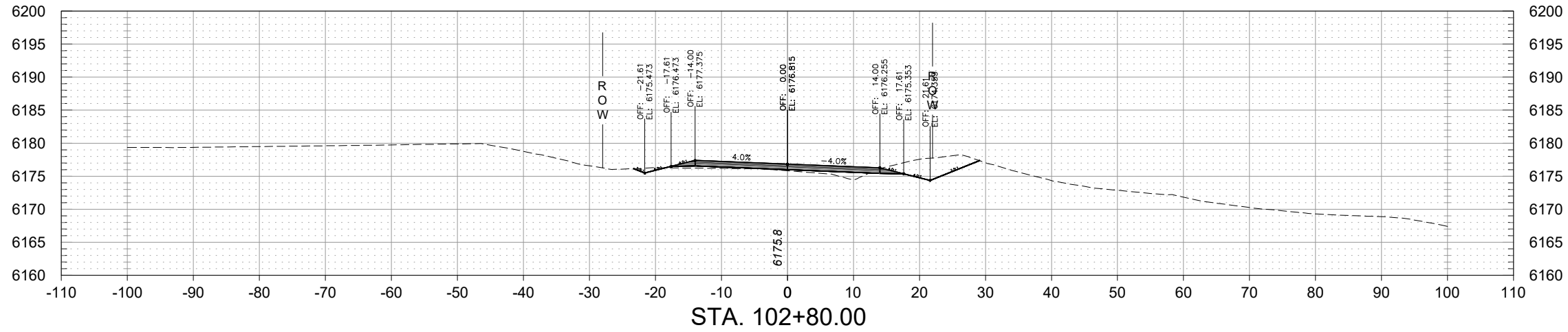
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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

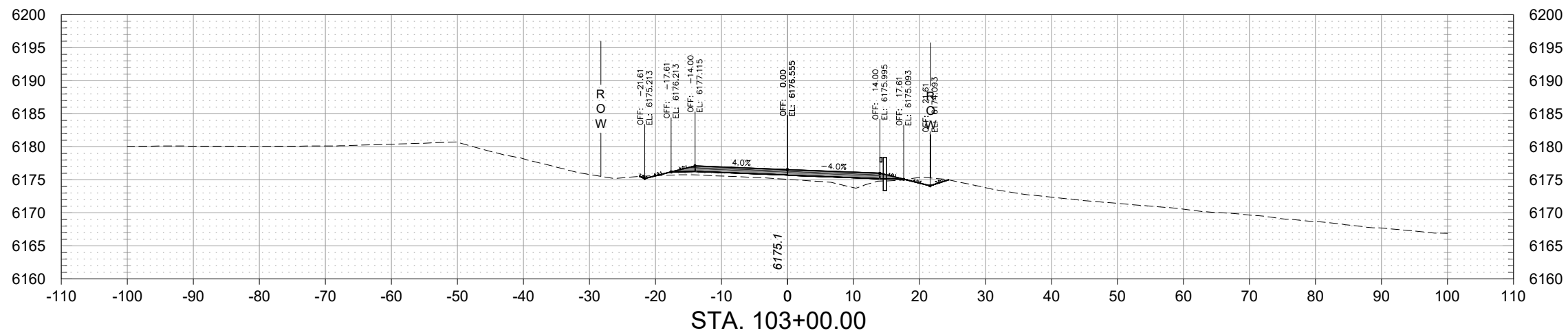
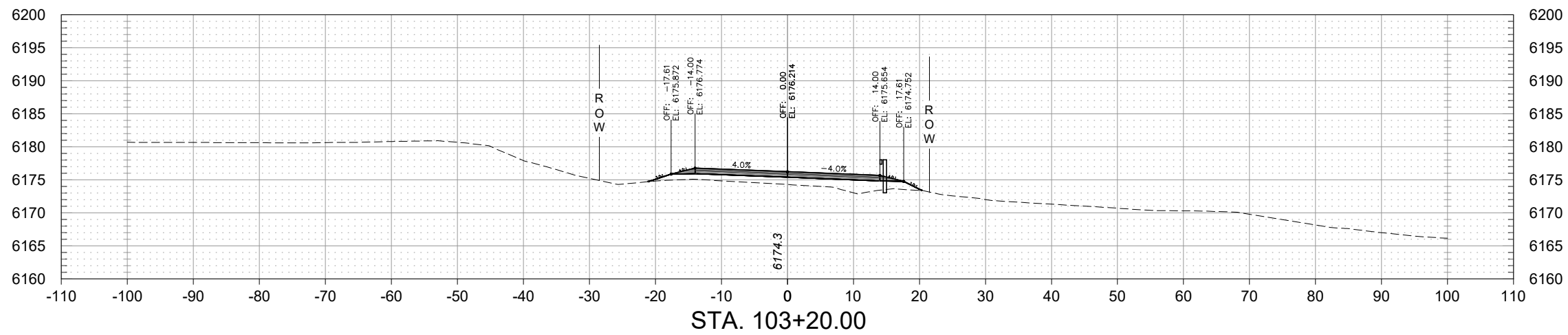
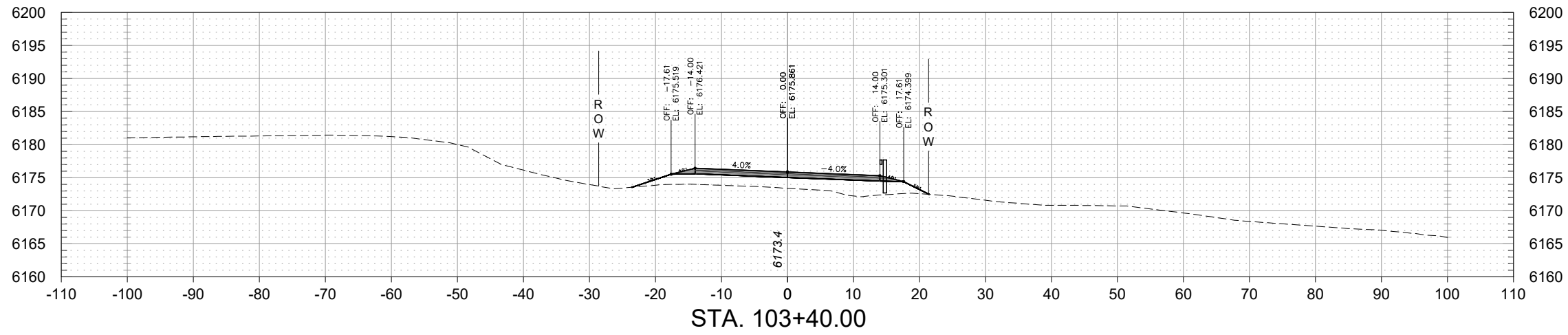
CROSS SECTIONS
"CR-54"

File: J:\02 - Santa Fe Projects\CR 54 LT2002622-05\DWGs\Plan Sheets\13-Shts (Cross Sections)\CR54_Cross Sections (CR-54).DWG Date: Oct 01, 2024 - 8:35am



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
SANTA FE COUNTY ALL WEATHER CROSSING LOS PINOS AT ARROYO HONDO CROSS SECTIONS "CR-54"			

File: J:\02 - Santa Fe Projects\CR 54 LT2002622-05\DWGs\Plan Sheets\13-Shts (Cross Sections)\CR54_Cross Sections (CR-54).DWG Date: Sep 27, 2024 - 6:56am



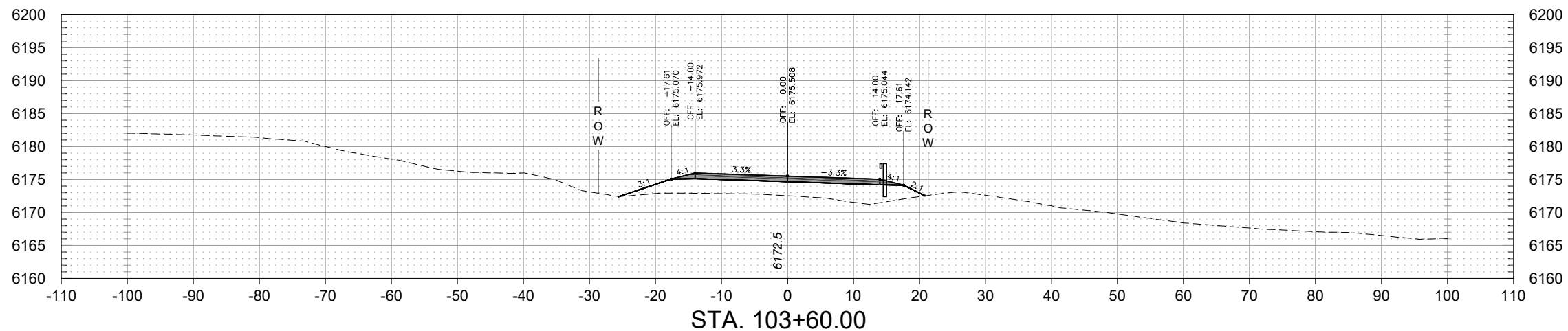
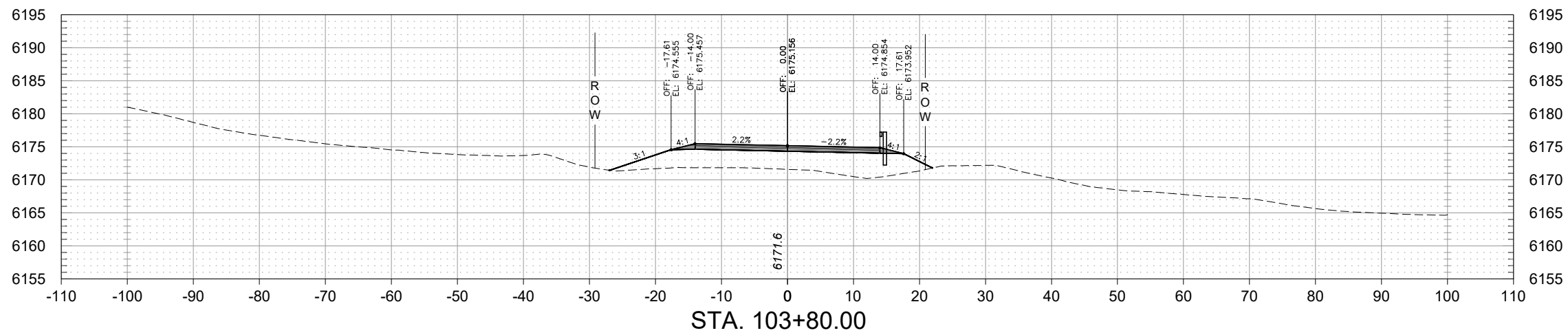
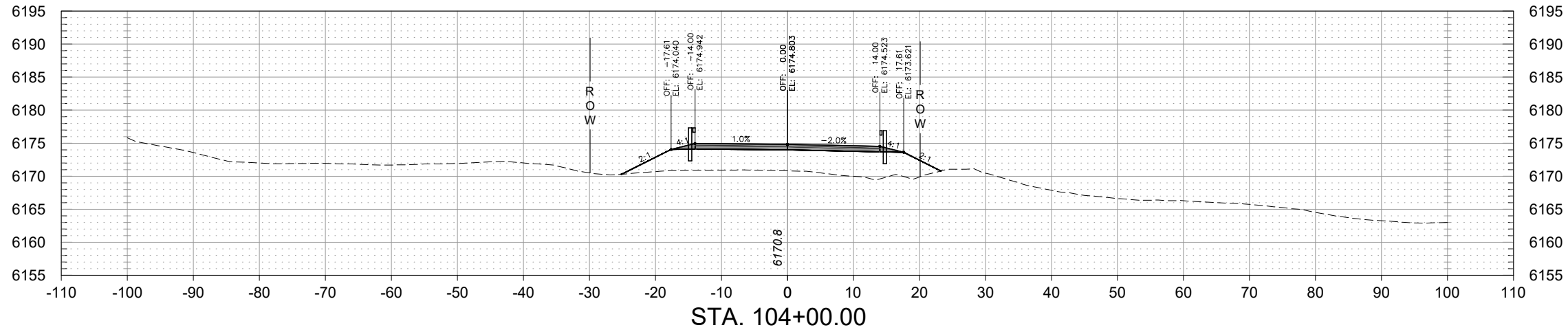
NO.	DESCRIPTION	DATE	BY
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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

CROSS SECTIONS
"CR-54"

File: J:\02 - Santa Fe Projects\CR 54 LT2002622-05\DWGs\Plan Sheets\13-Shts (Cross Sections)\CR54_Cross Sections (CR-54)\DWG Date: Sep 27, 2024 - 8:17am



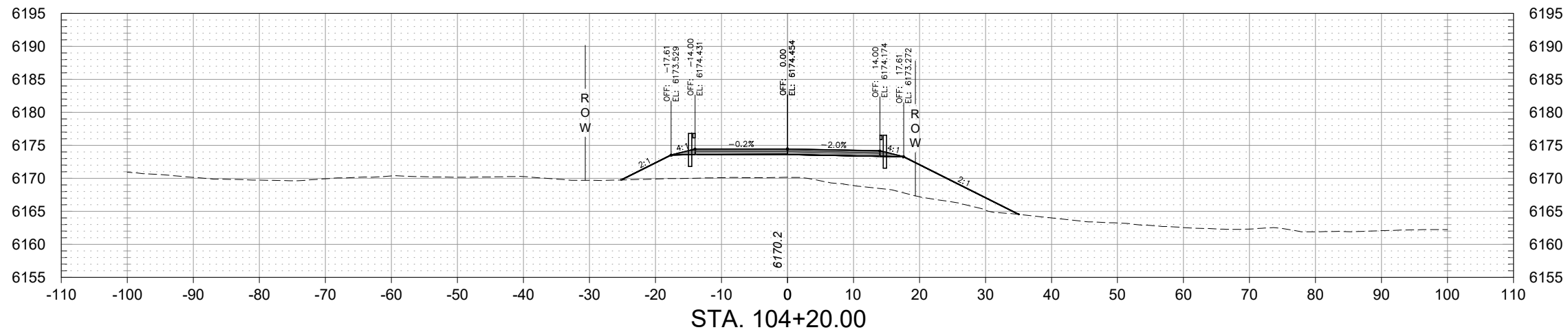
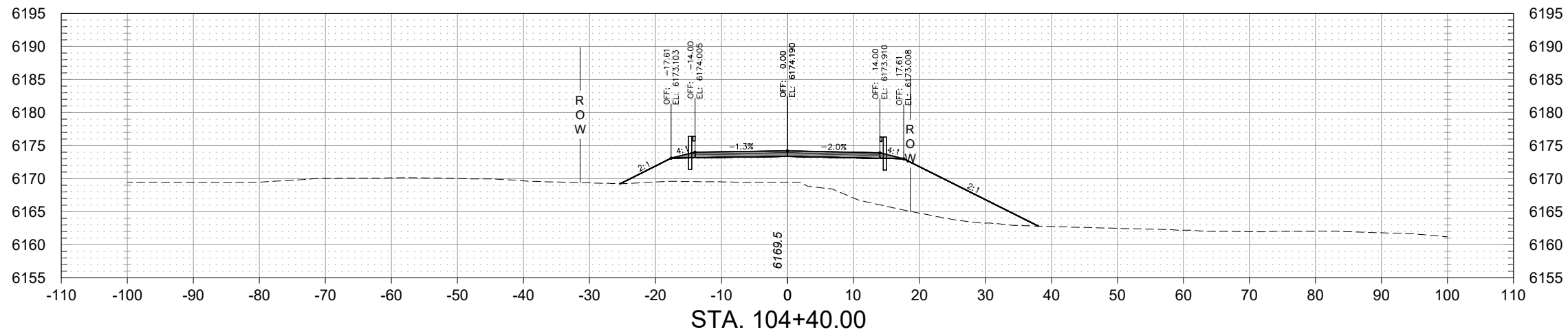
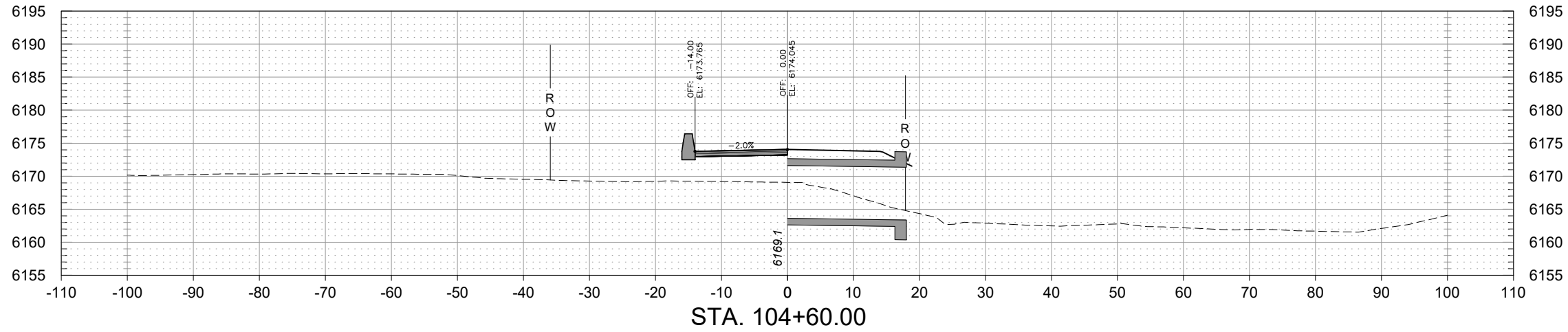
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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

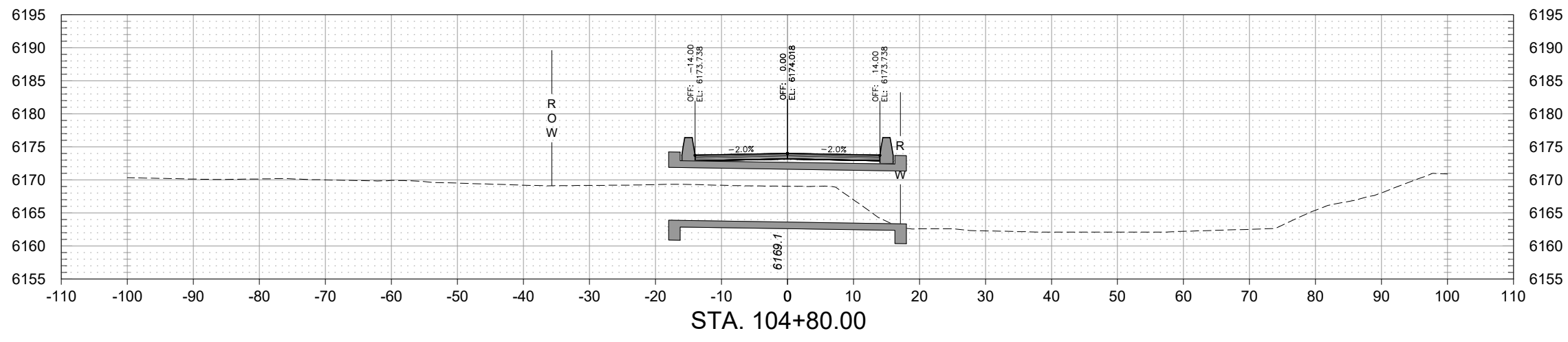
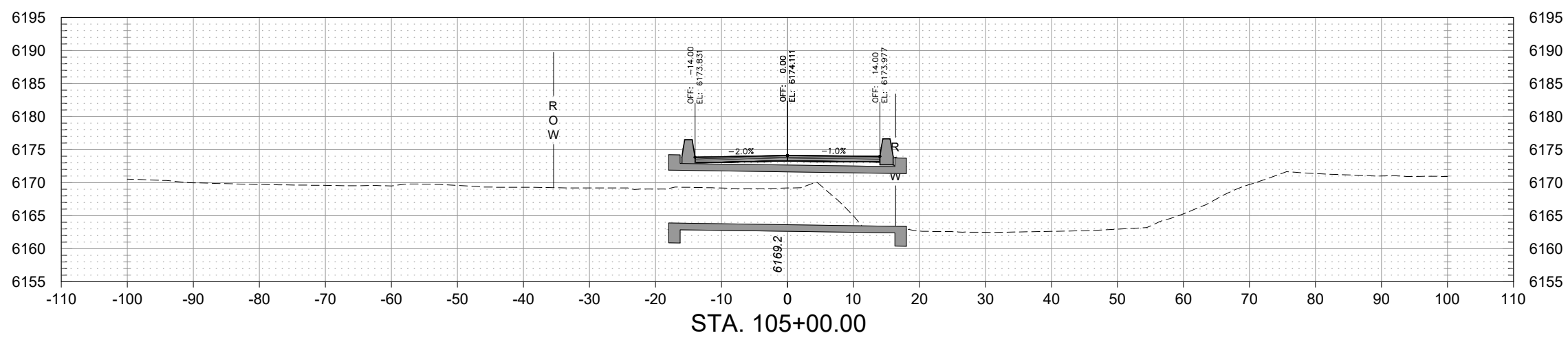
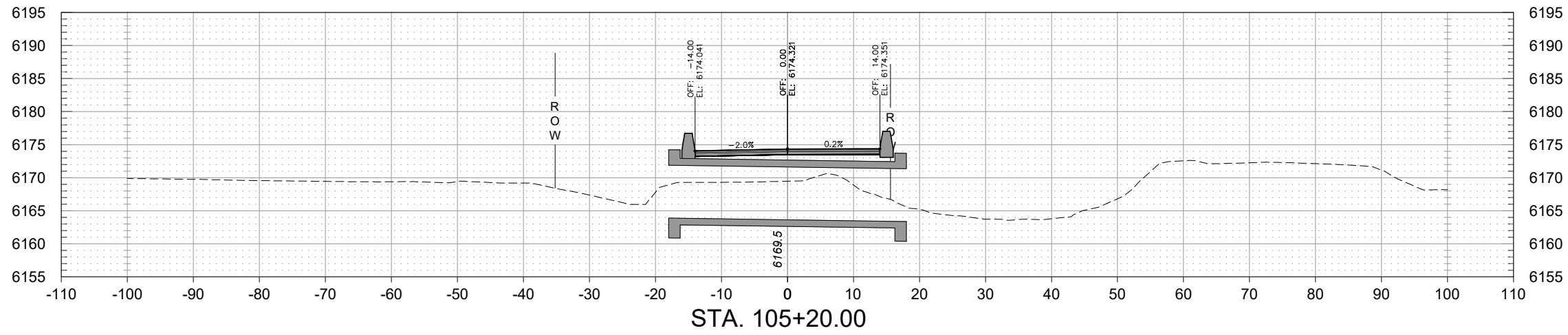
CROSS SECTIONS
"CR-54"

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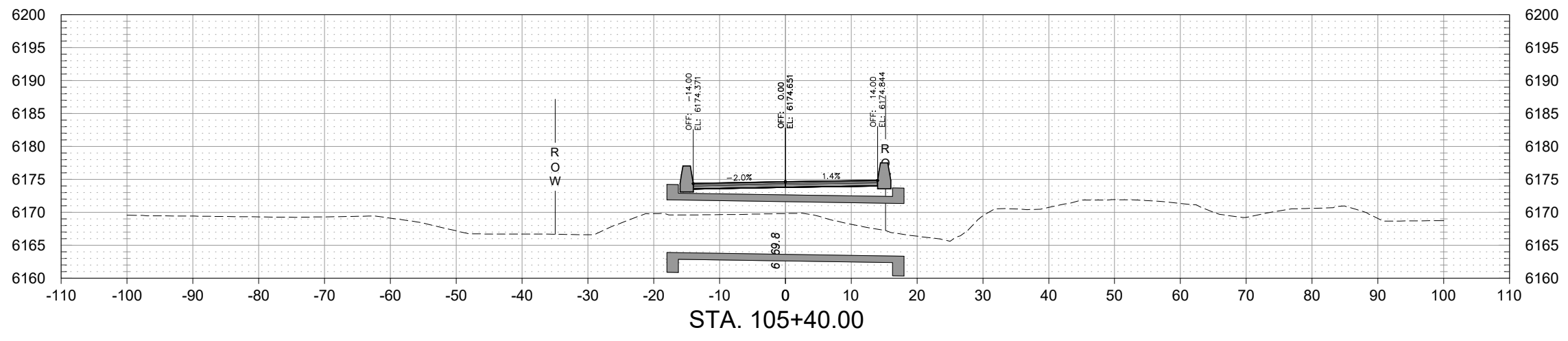
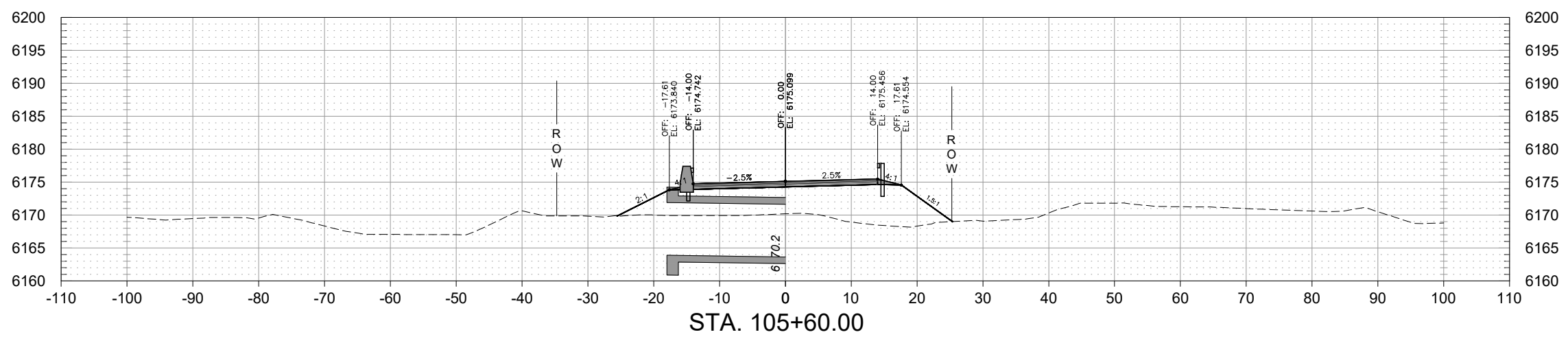
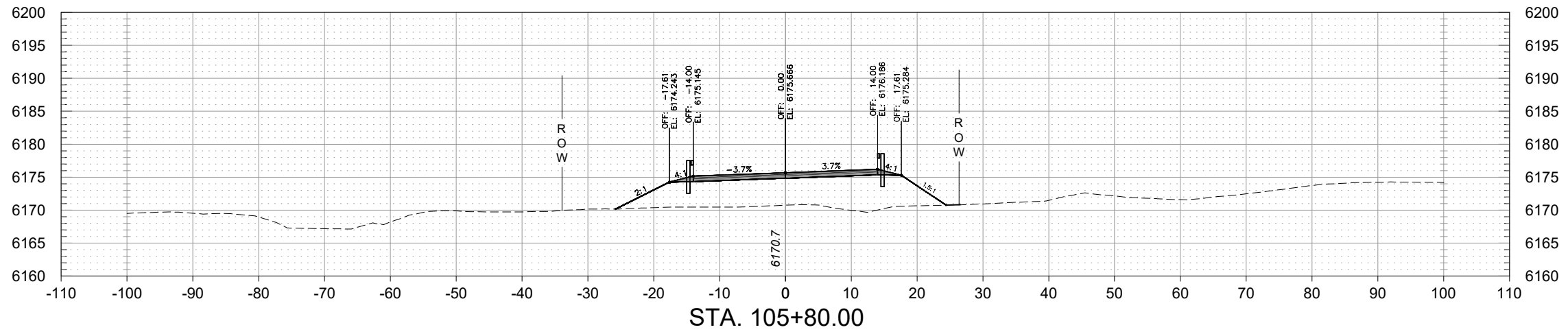
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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
SANTA FE COUNTY ALL WEATHER CROSSING LOS PINOS AT ARROYO HONDO CROSS SECTIONS "CR-54"			

File: J:\02 - Santa Fe Projects\CR 54 LT2002622.05\DWG\Plan Sheets\13--Shts (Cross Sections)\CR54_Cross Sections (CR-54).DWG Date: Sep 23, 2024 10:45pm



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
SANTA FE COUNTY ALL WEATHER CROSSING LOS PINOS AT ARROYO HONDO CROSS SECTIONS "CR-54"			

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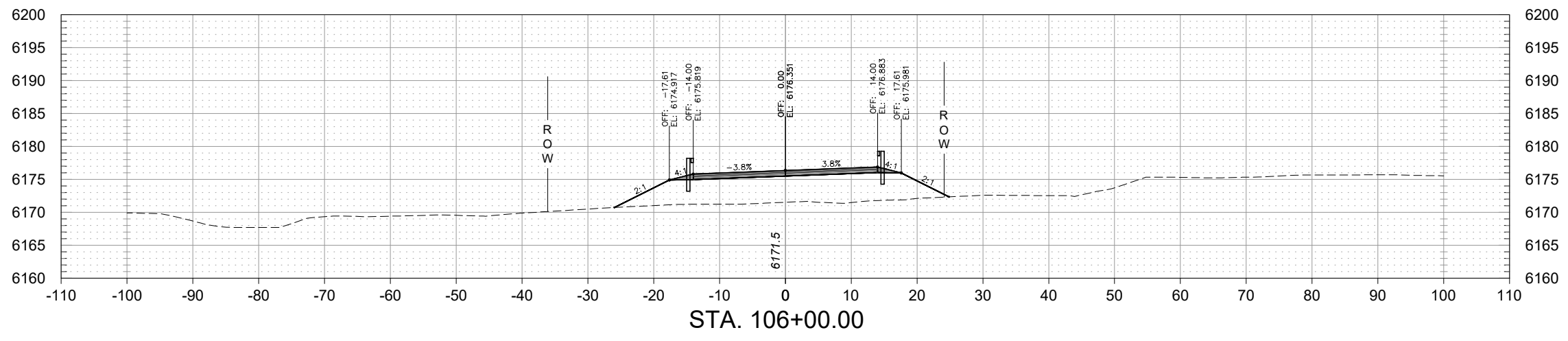
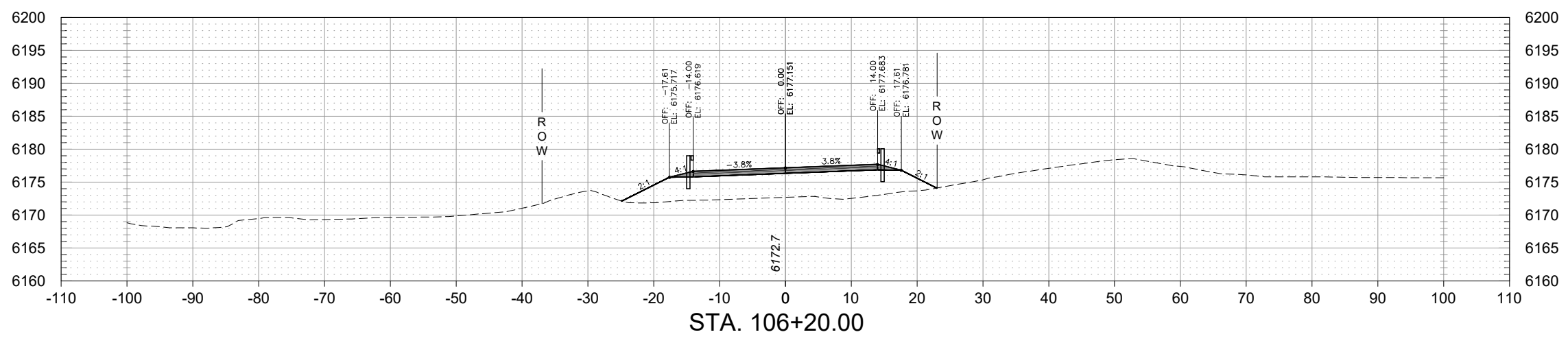
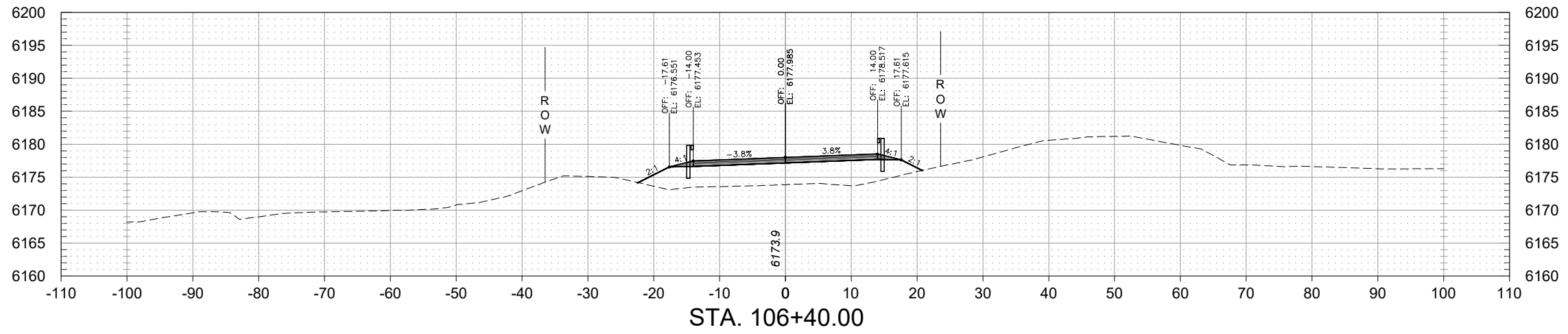
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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

CROSS SECTIONS
"CR-54"

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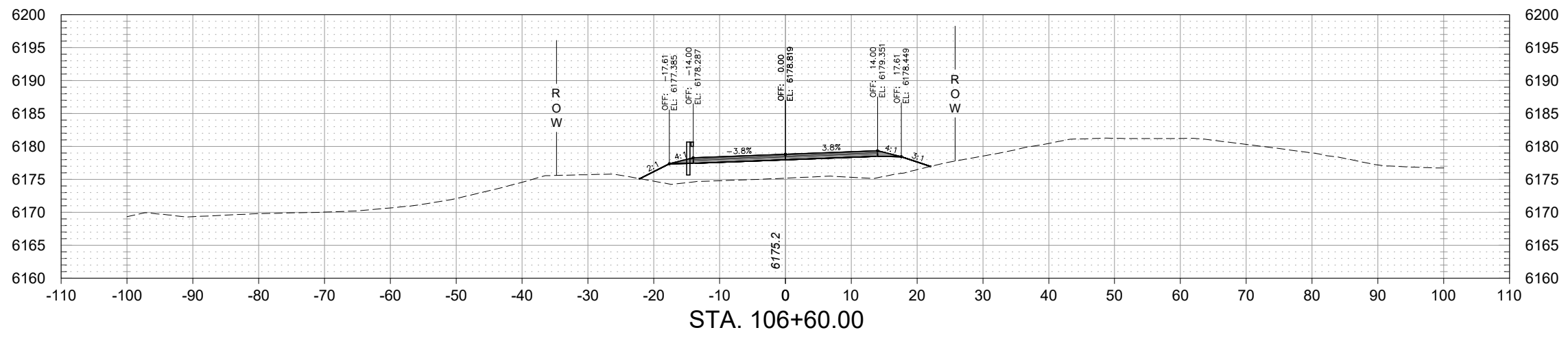
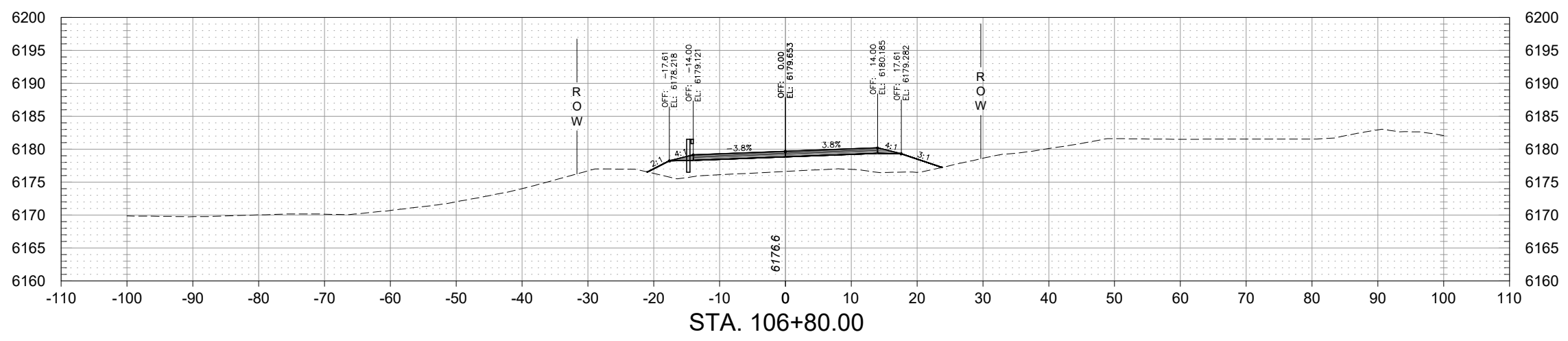
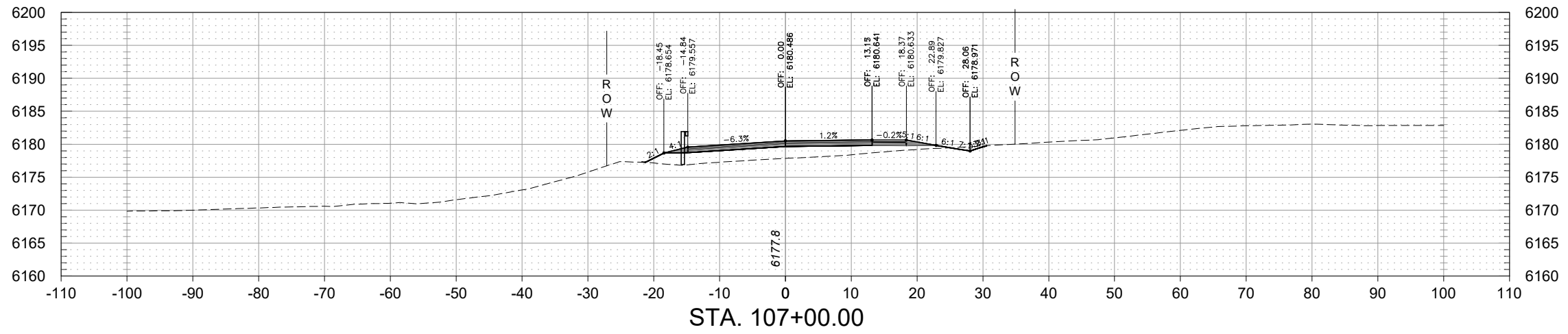
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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

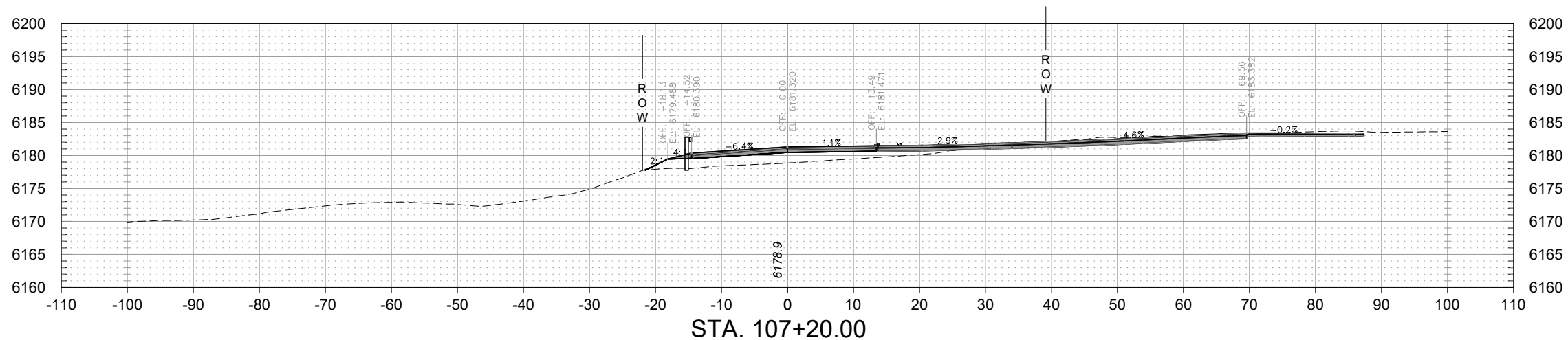
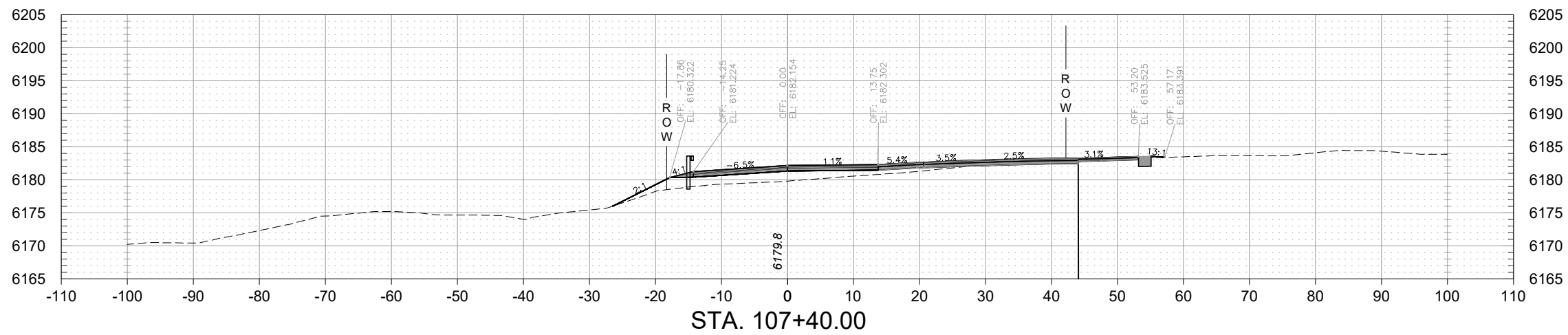
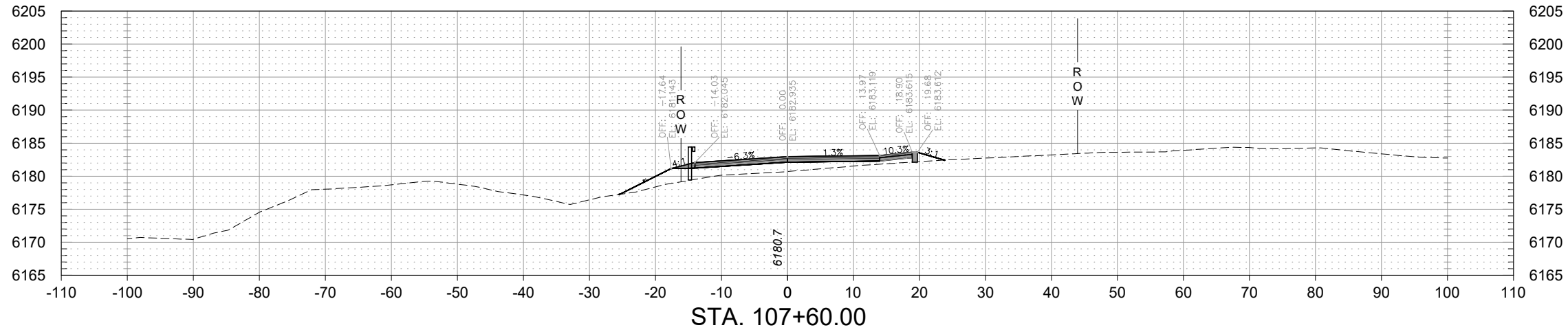
CROSS SECTIONS
"CR-54"

File: J:\02 - Santa Fe Projects\CR 54 LT2002622-05\DWGs\Plan Sheets\13-Shts (Cross Sections)\CR54_Cross Sections (CR-54).DWG Date: Sep 29, 2024 10:48pm



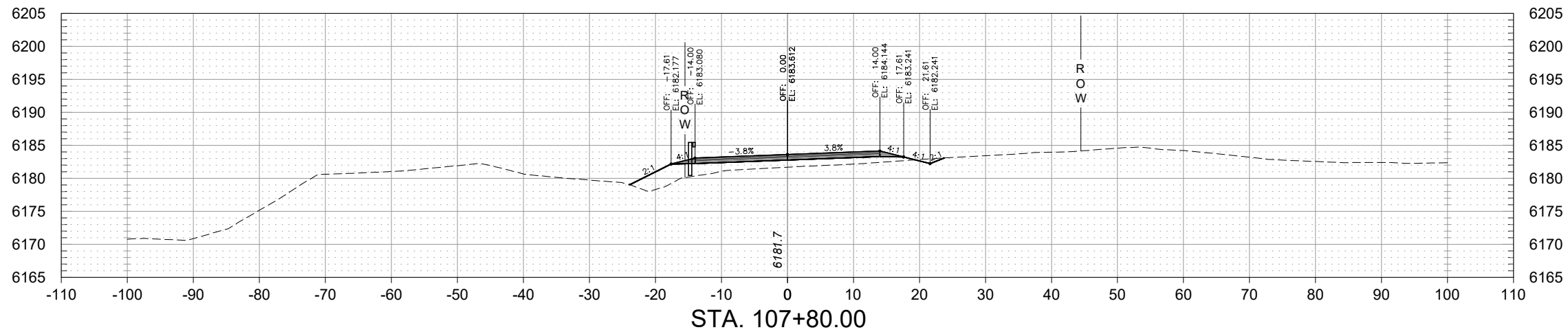
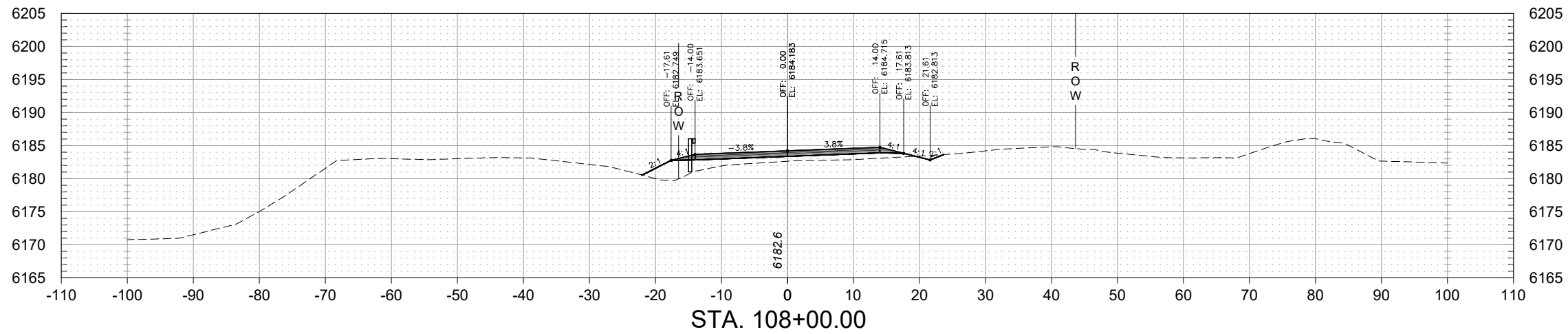
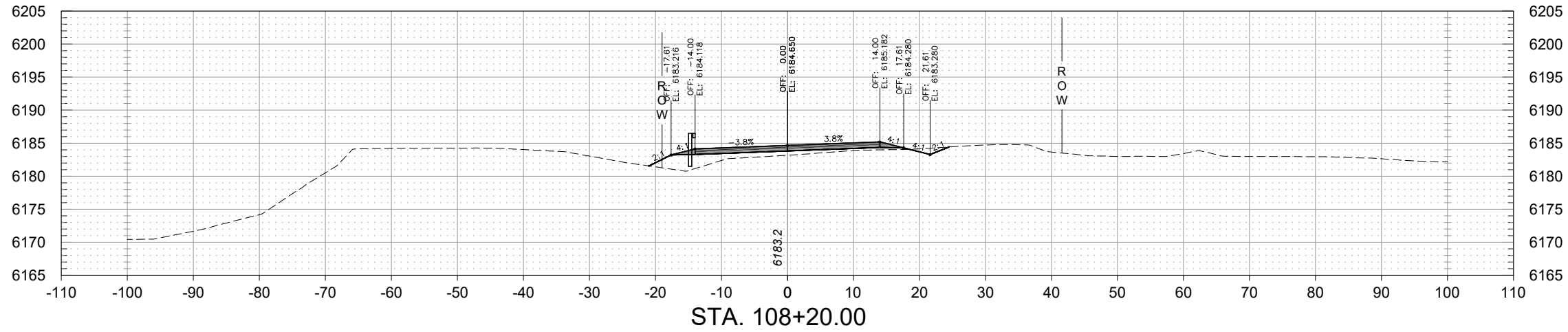
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REVISIONS (OR CHANGE NOTICES)			
SANTA FE COUNTY ALL WEATHER CROSSING LOS PINOS AT ARROYO HONDO CROSS SECTIONS "CR-54"			

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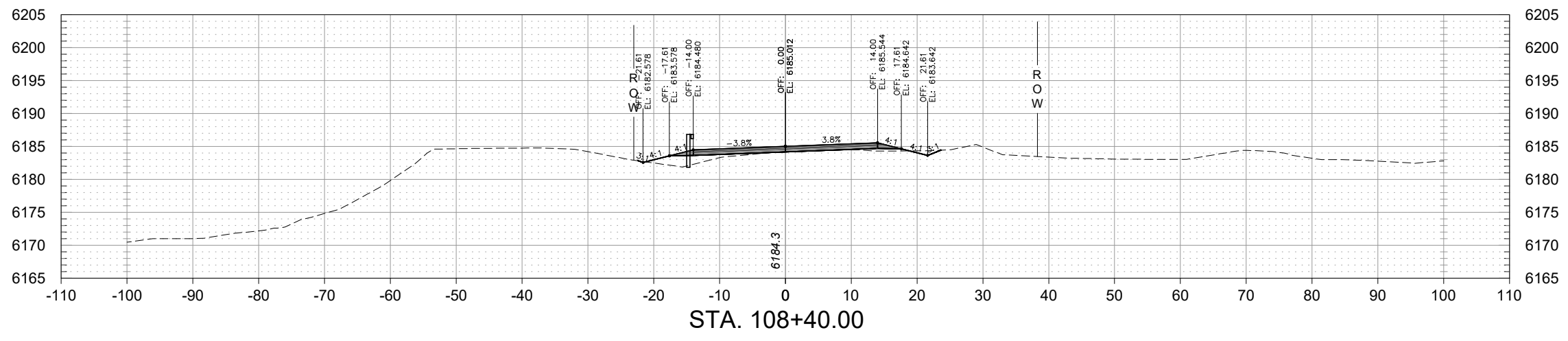
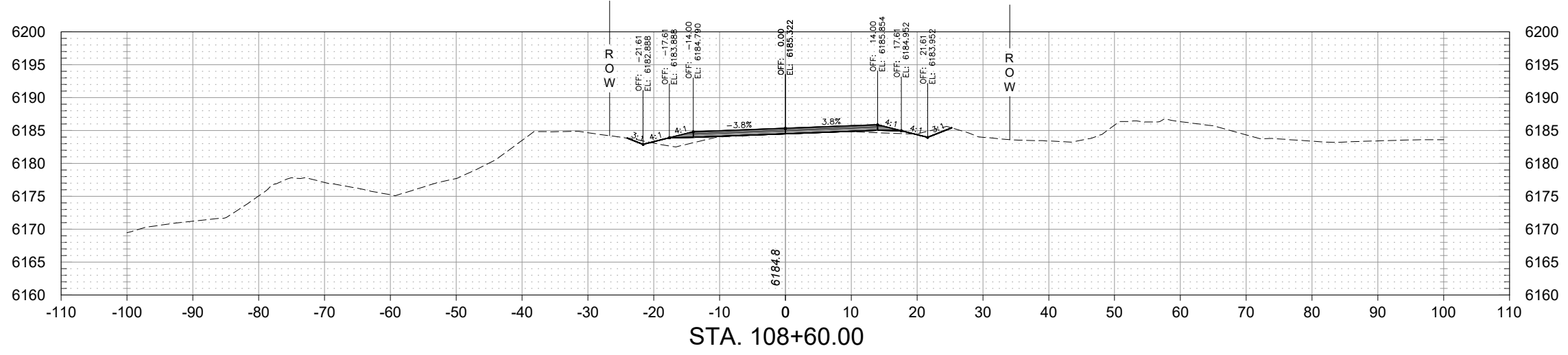
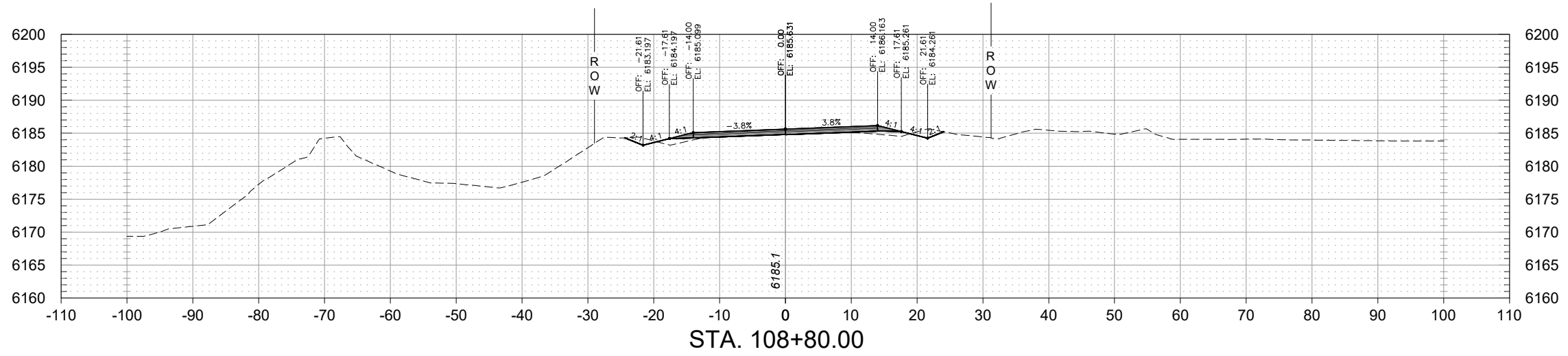
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SANTA FE COUNTY ALL WEATHER CROSSING LOS PINOS AT ARROYO HONDO CROSS SECTIONS "CR-54"			

File: J:\02 - Santa Fe Projects\CR 54 LT2002622-05\DWGs\Plan Sheets\13-Shts (Cross Sections)\CR54_Cross Sections (CR-54).DWG Date: Oct. 01, 2024 - 8:50am



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NO.	DESCRIPTION	DATE	BY
REVISIONS (OR CHANGE NOTICES)			
SANTA FE COUNTY ALL WEATHER CROSSING LOS PINOS AT ARROYO HONDO CROSS SECTIONS "CR-54"			

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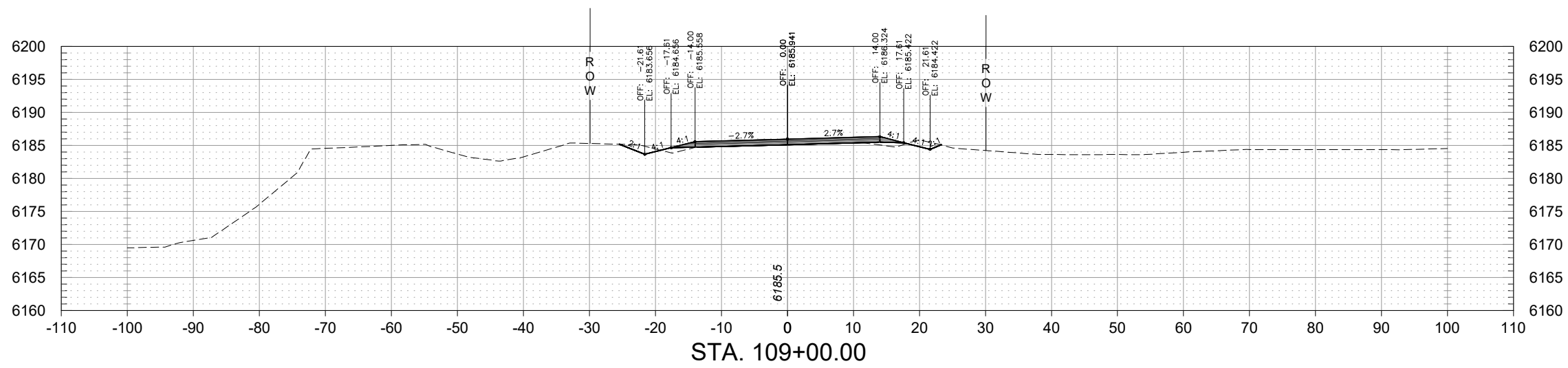
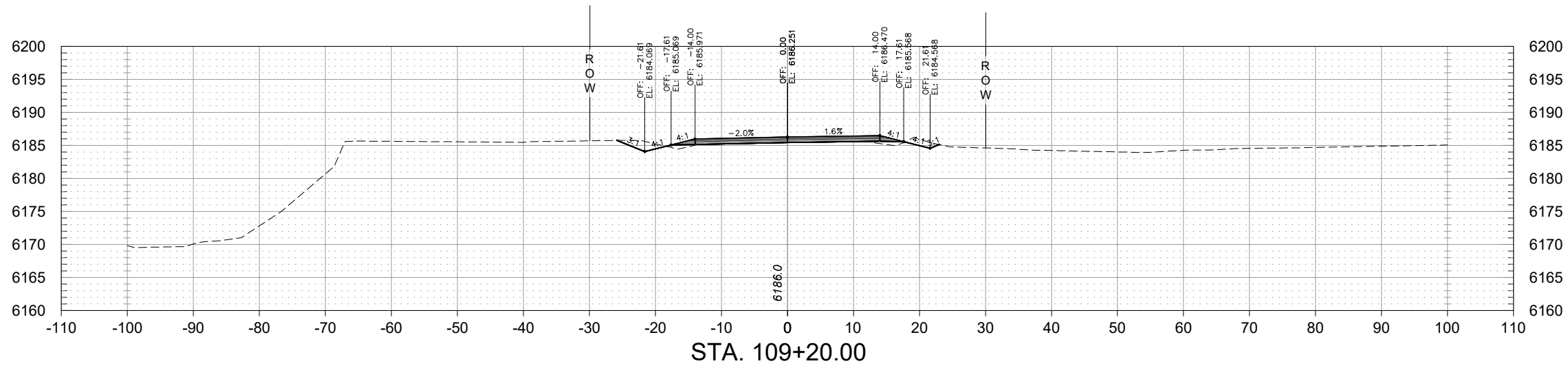
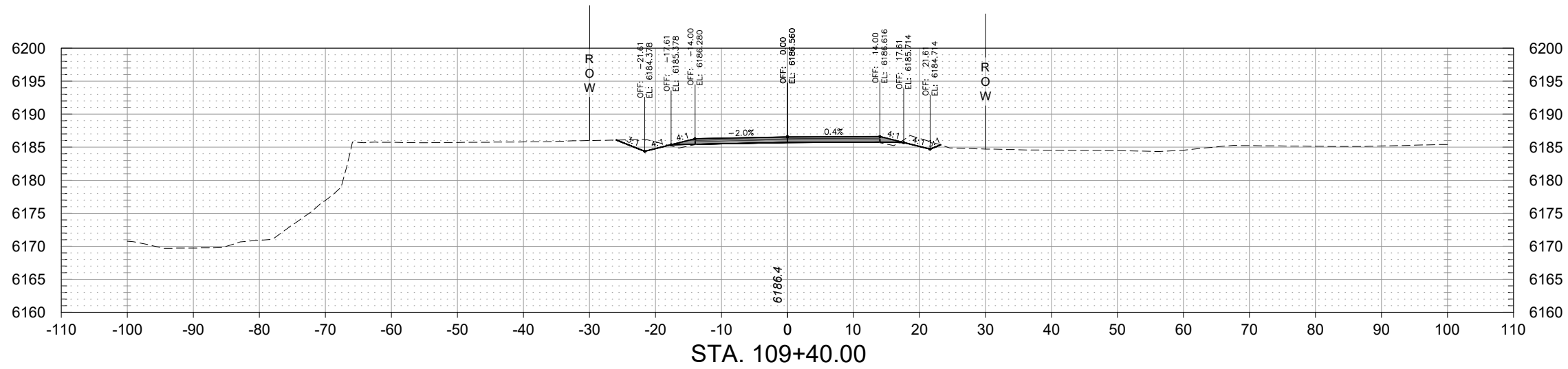
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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

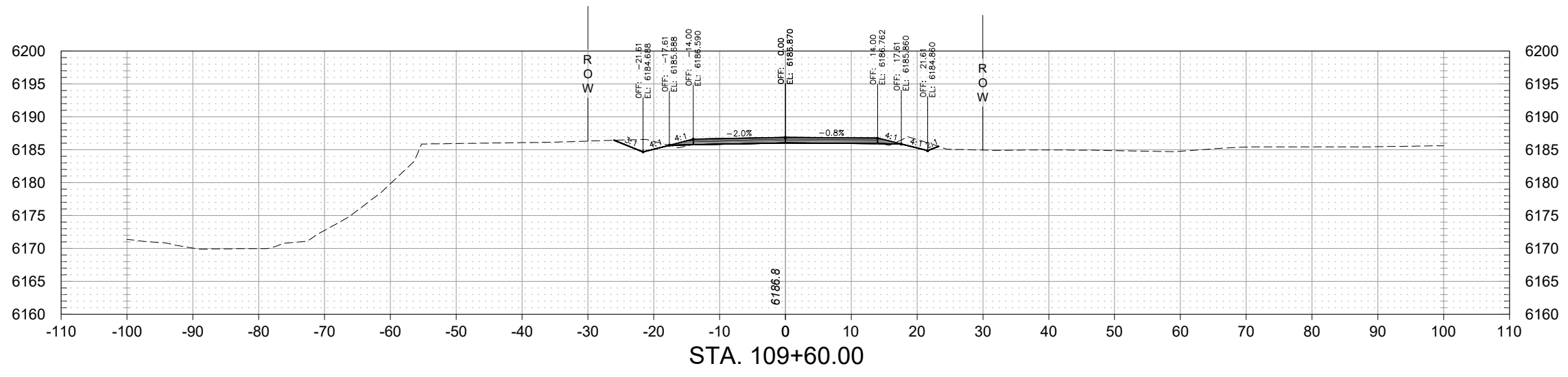
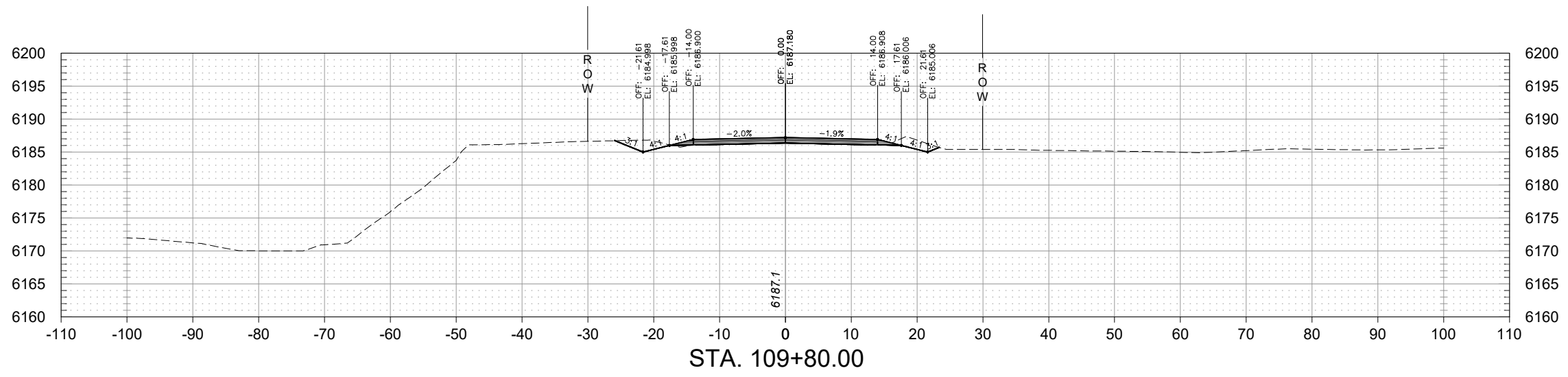
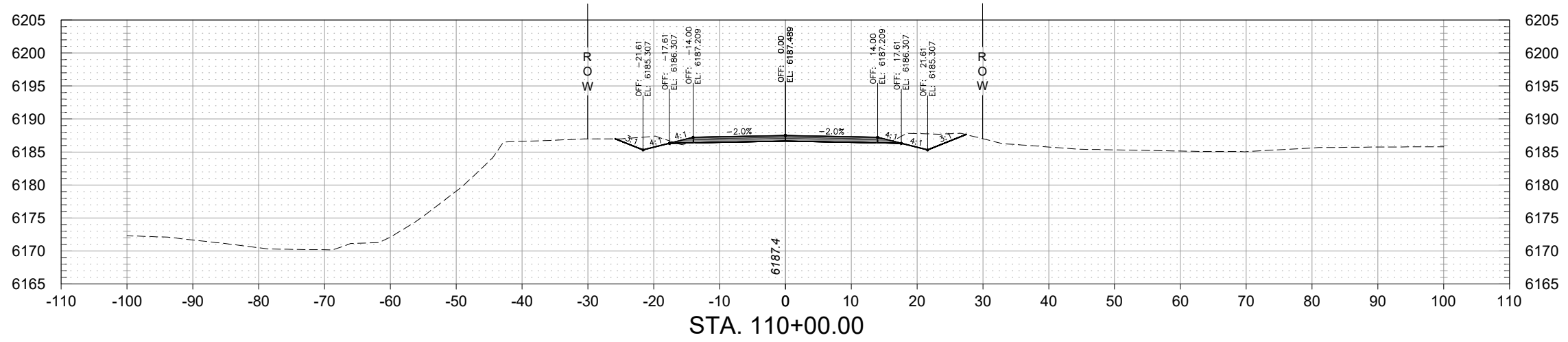
CROSS SECTIONS
"CR-54"

File: J:\02 - Santa Fe Projects\CR 54 LT2002622-05\DWGs\Plan Sheets\13-Shts (Cross Sections)\CR54_Cross Sections (CR-54).DWG Date: Sep 29, 2024 10:57pm



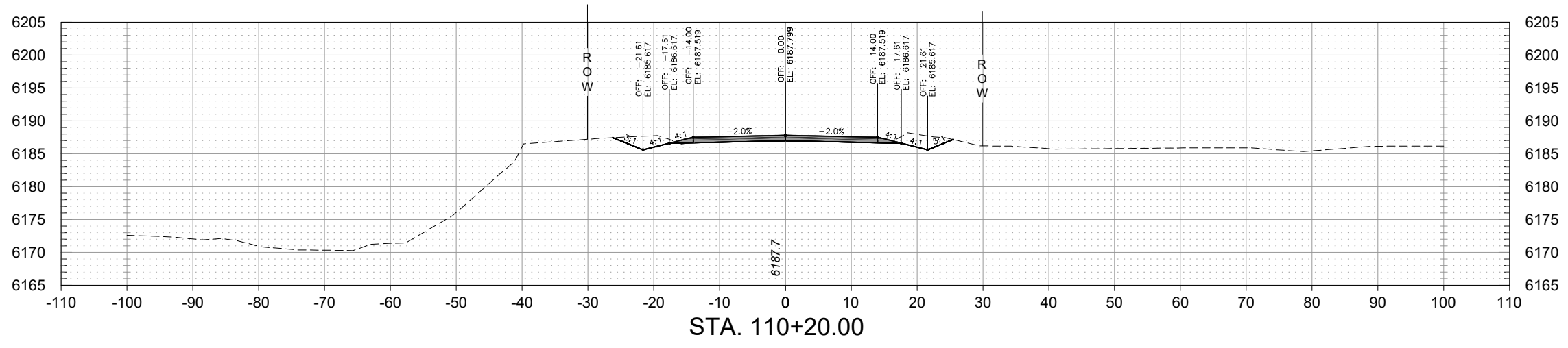
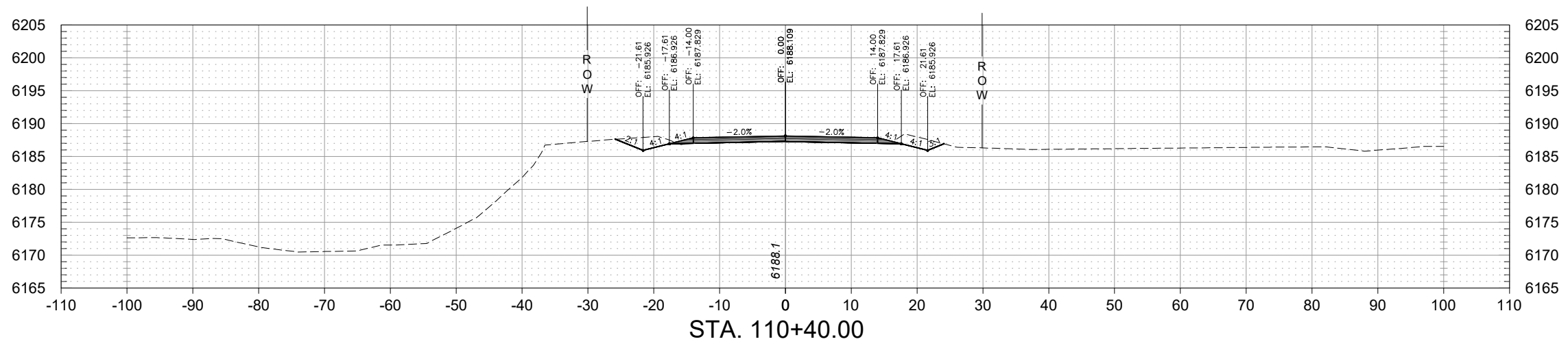
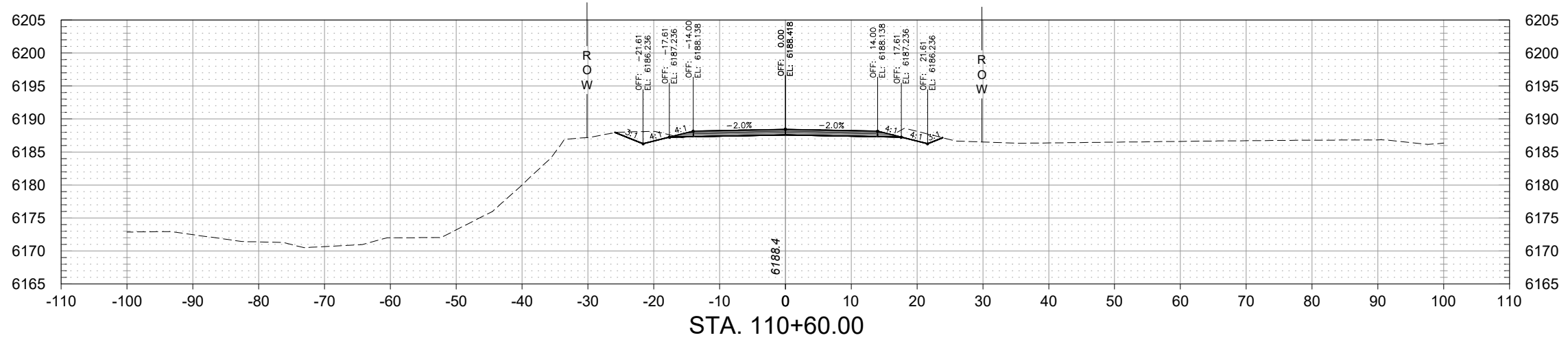
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REVISIONS (OR CHANGE NOTICES)			
SANTA FE COUNTY ALL WEATHER CROSSING LOS PINOS AT ARROYO HONDO CROSS SECTIONS "CR-54"			

File: J:\02 - Santa Fe Projects\CR 54 LT2002622-05\DWG\Plan Sheets\13-Shts (Cross Sections)\CR54_Cross Sections (CR-54).DWG Date: Sep 23, 2024 10:56pm



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REVISIONS (OR CHANGE NOTICES)			
SANTA FE COUNTY ALL WEATHER CROSSING LOS PINOS AT ARROYO HONDO CROSS SECTIONS "CR-54"			

File: J:\02 - Santa Fe Projects\CR 54 LT2002622-05\DWG\Plan Sheets\13-Shts (Cross Sections)\CR54_Cross Sections (CR-54).DWG Date: Sep 29, 2024 11:00pm

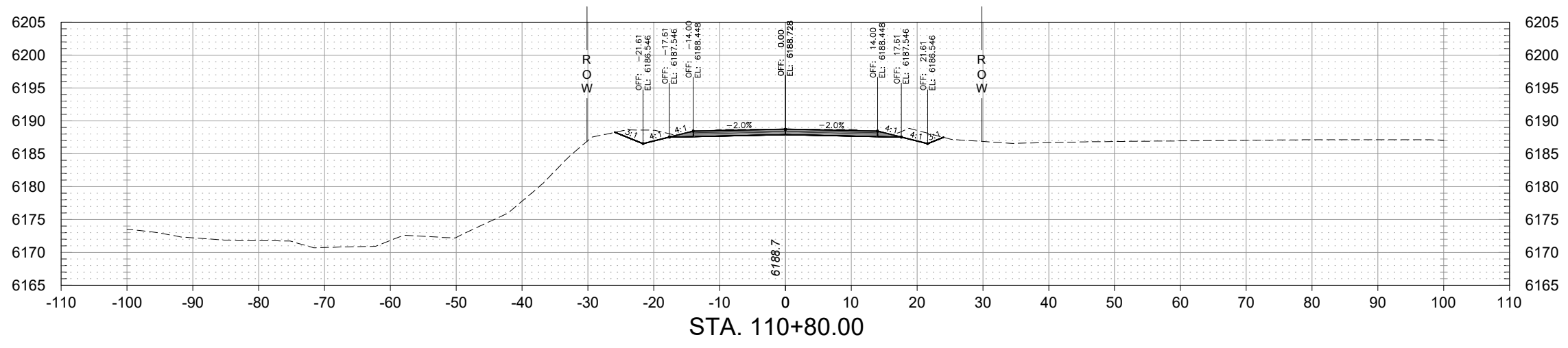


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REVISIONS (OR CHANGE NOTICES)			
SANTA FE COUNTY ALL WEATHER CROSSING LOS PINOS AT ARROYO HONDO CROSS SECTIONS "CR-54"			

File: J:\02 - Santa Fe Projects\CR 54 LT2002622.05\DWGs\Plan Sheets\13-Shts (Cross Sections)\CR54_Cross Sections (CR-54).DWG Date: Sep 29, 2024 11:00pm

PROJECT NO.	SHEET NO.
2014-0030A-PW/PL-2	13-19

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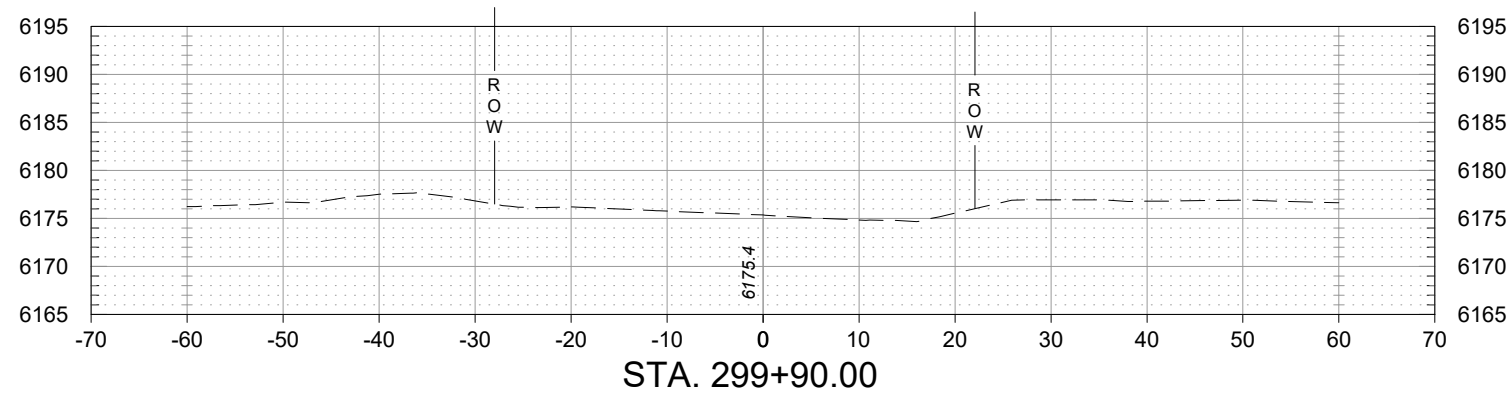
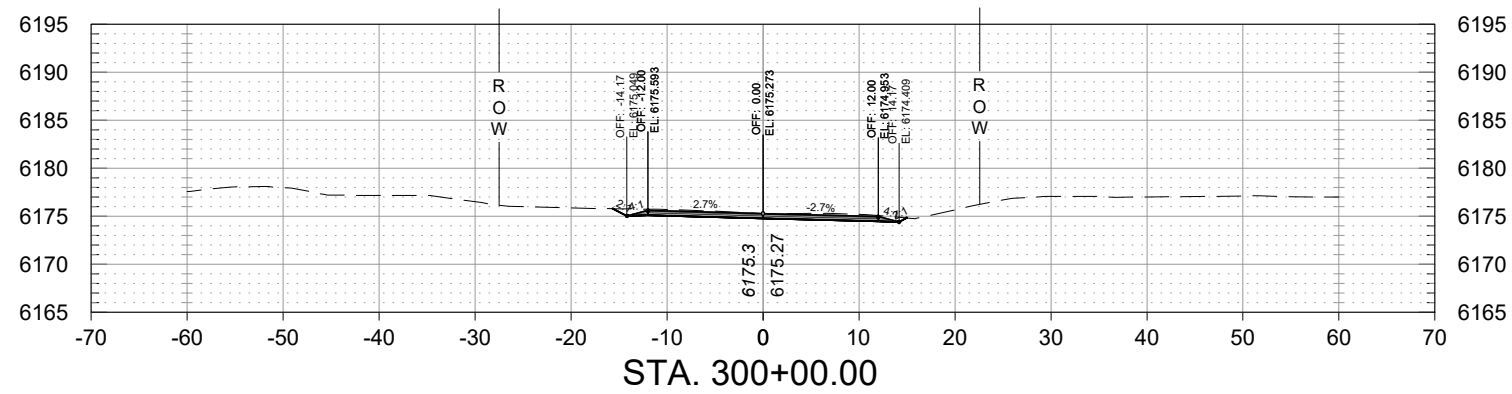
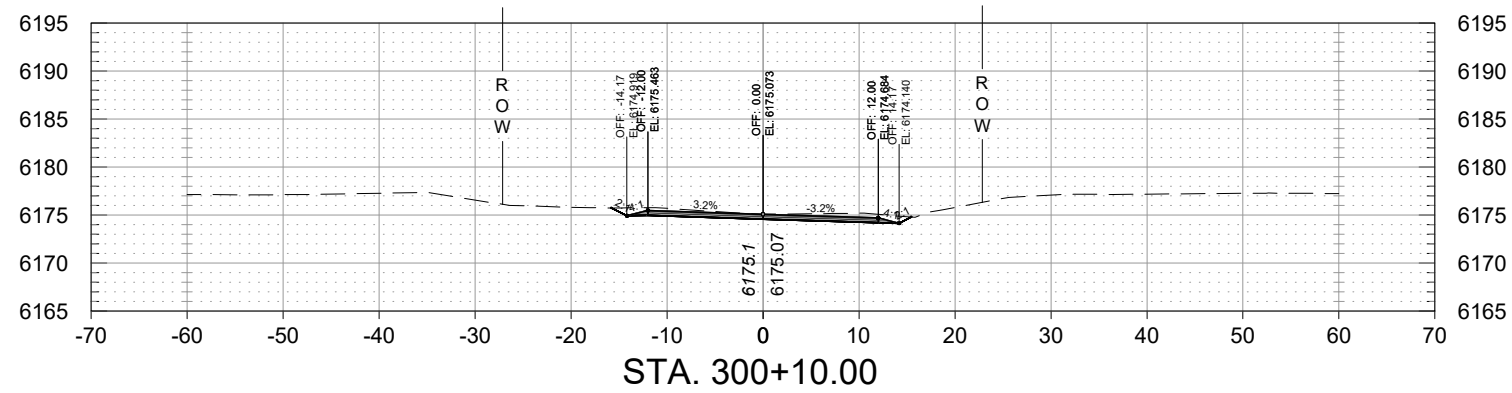
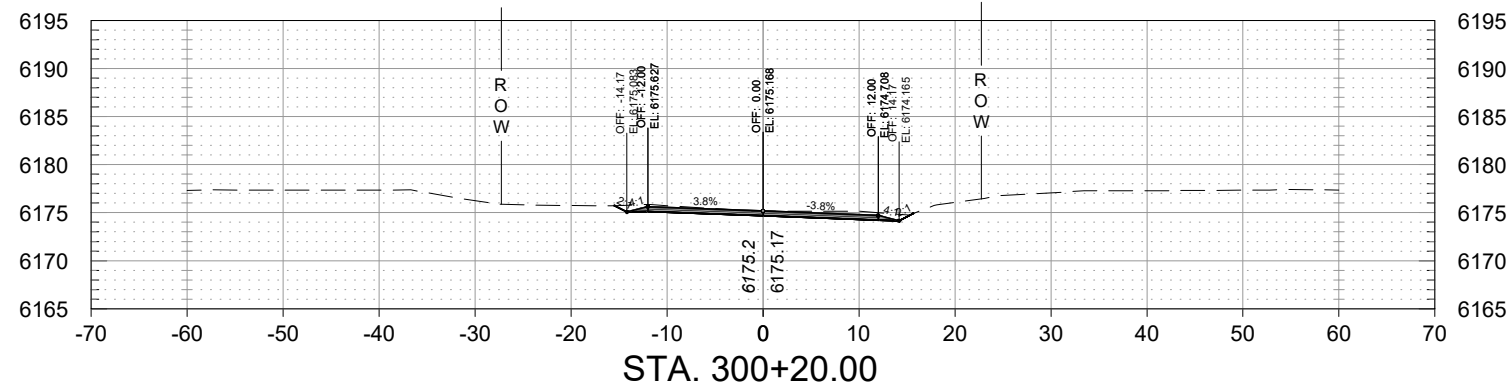


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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

CROSS SECTIONS
"CR-54"

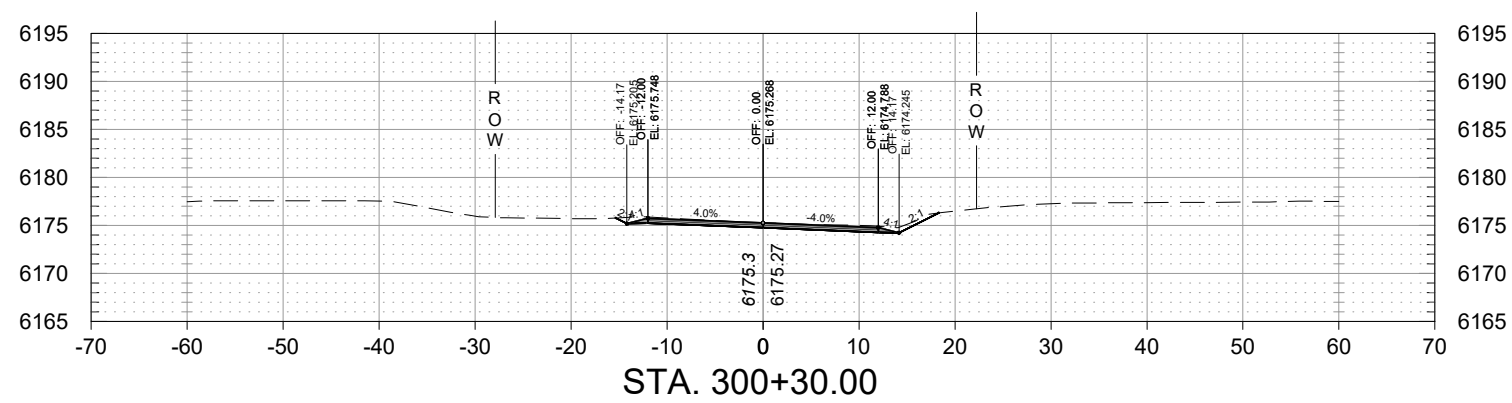
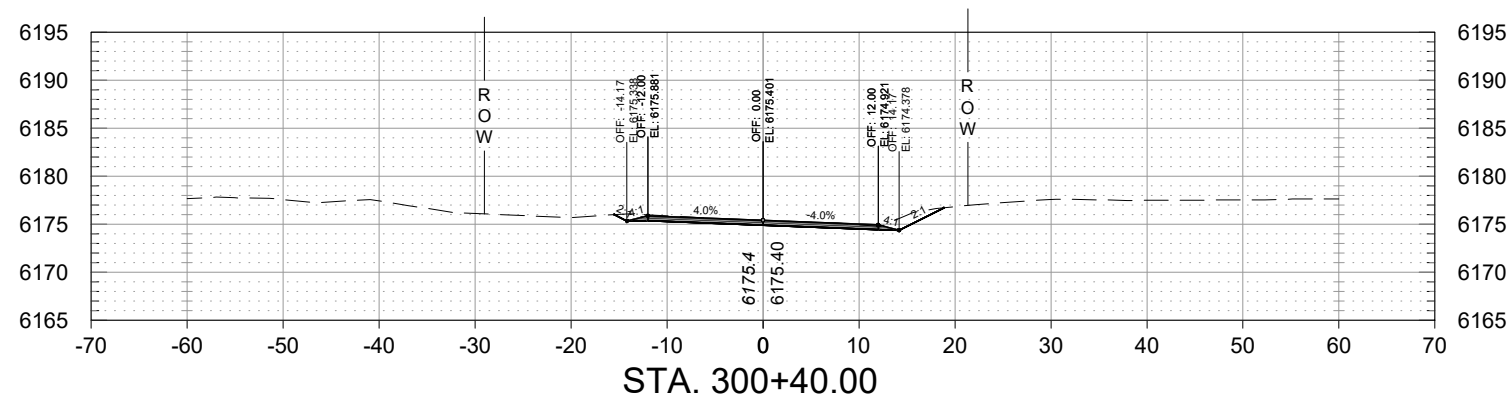
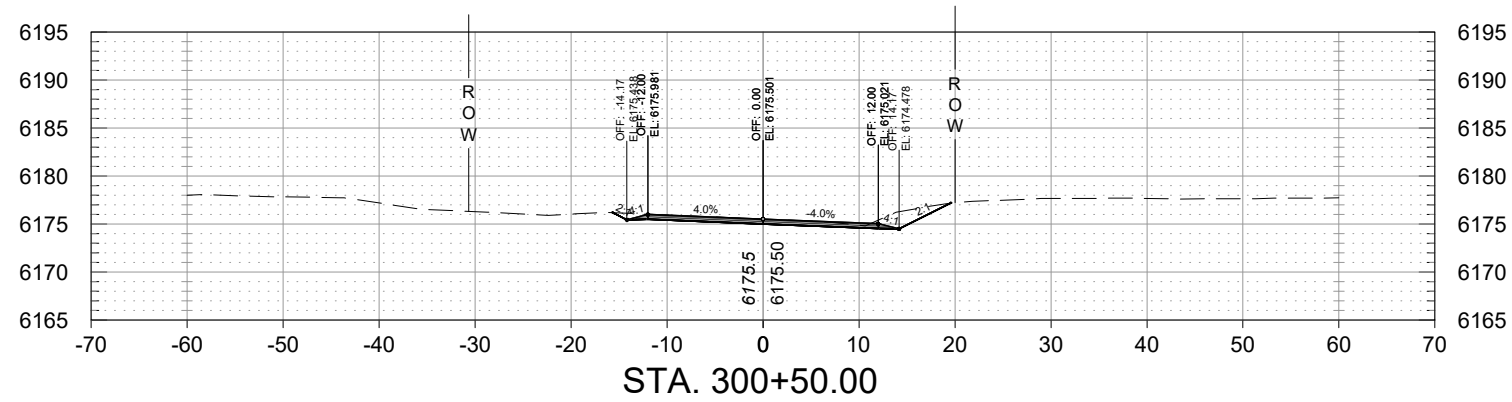
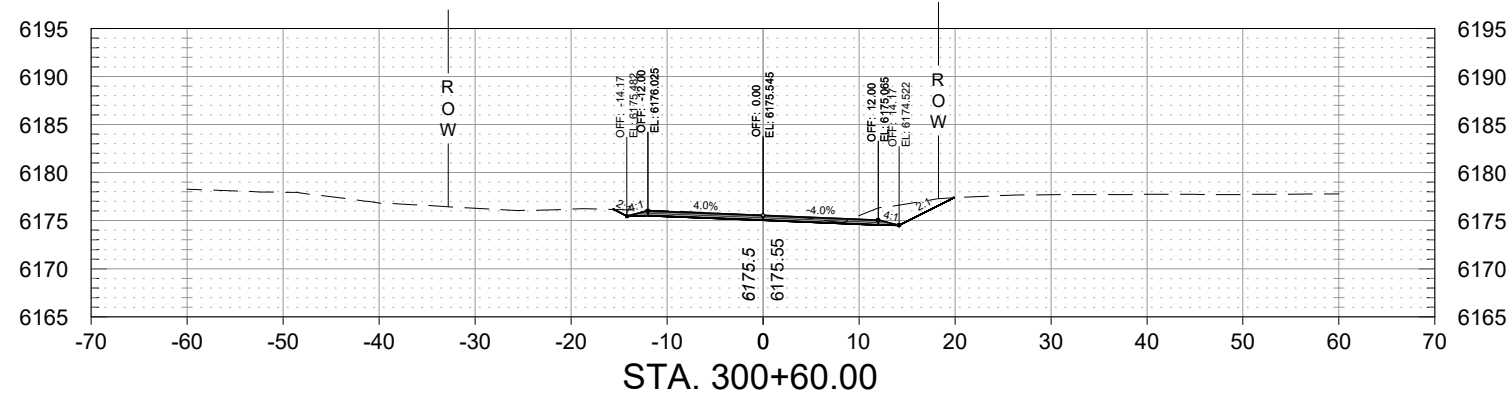


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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

CROSS SECTIONS
"DETOUR"

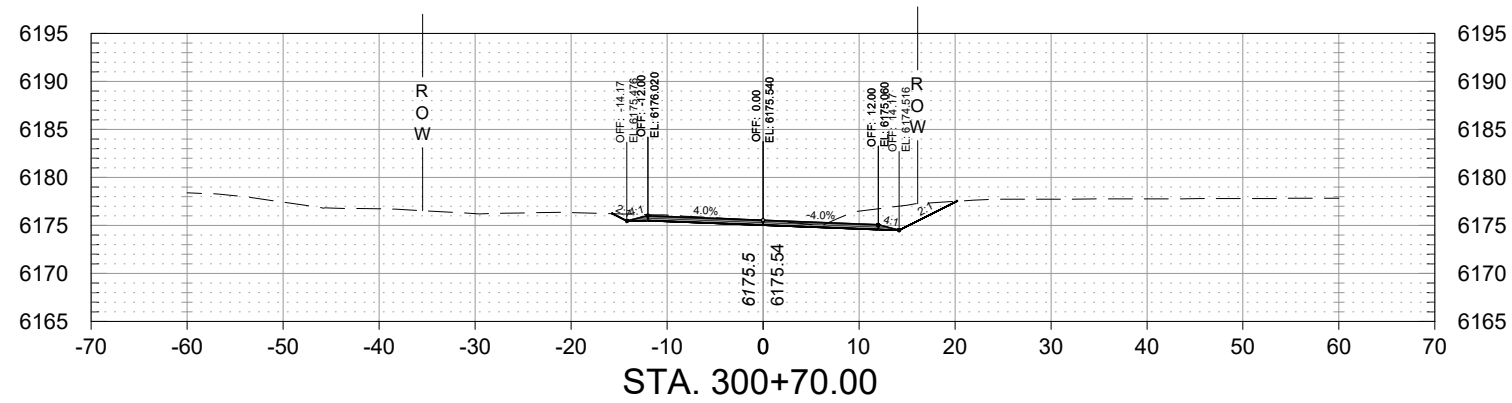
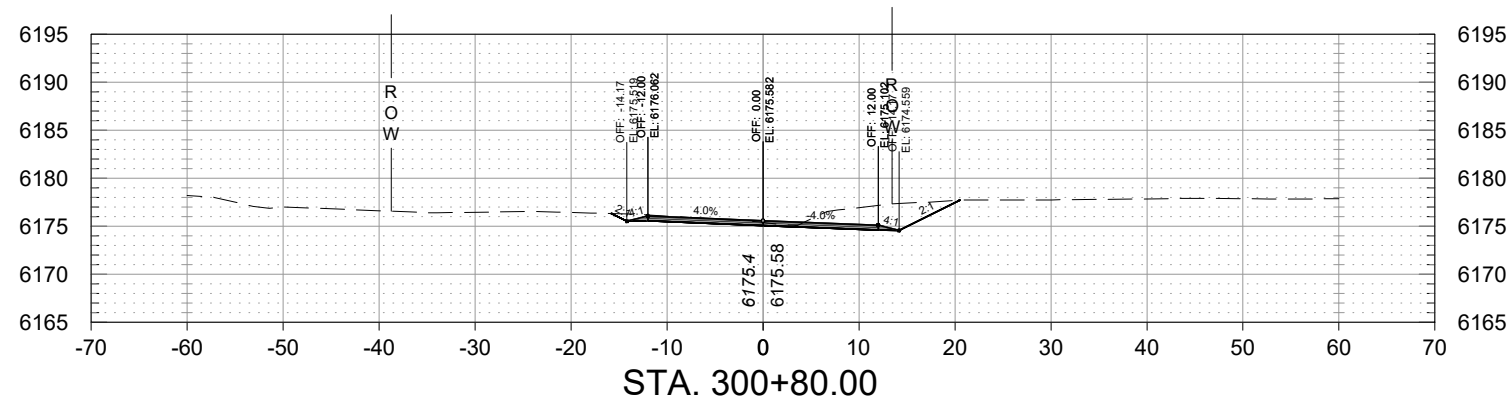
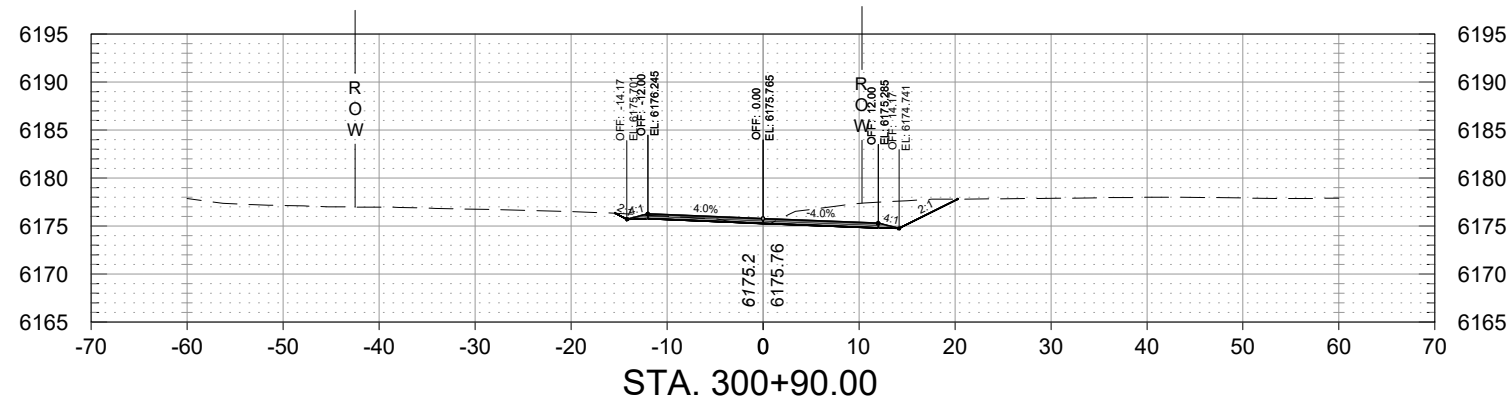
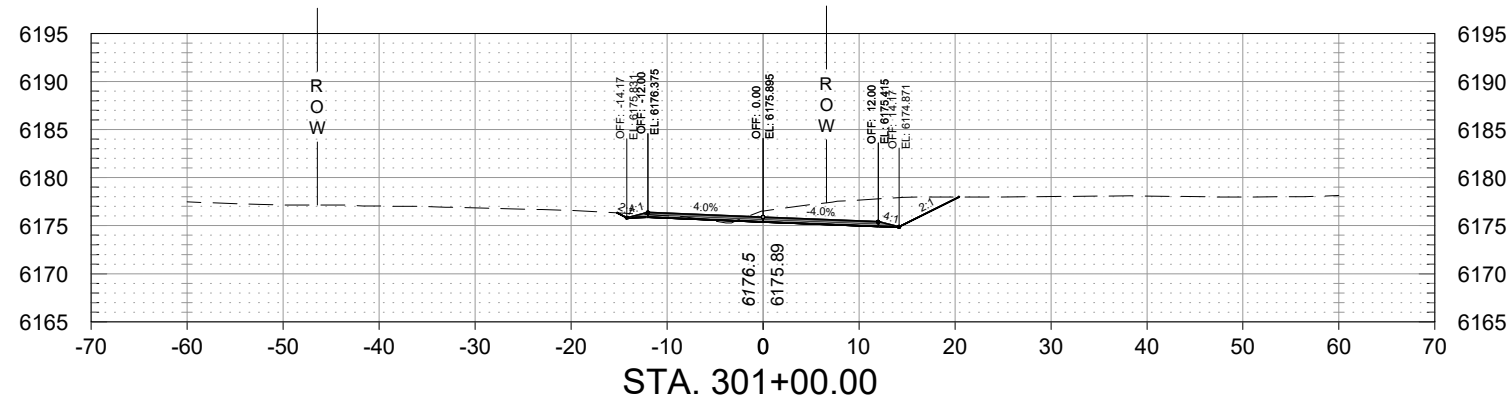


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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

CROSS SECTIONS
"DETOUR"

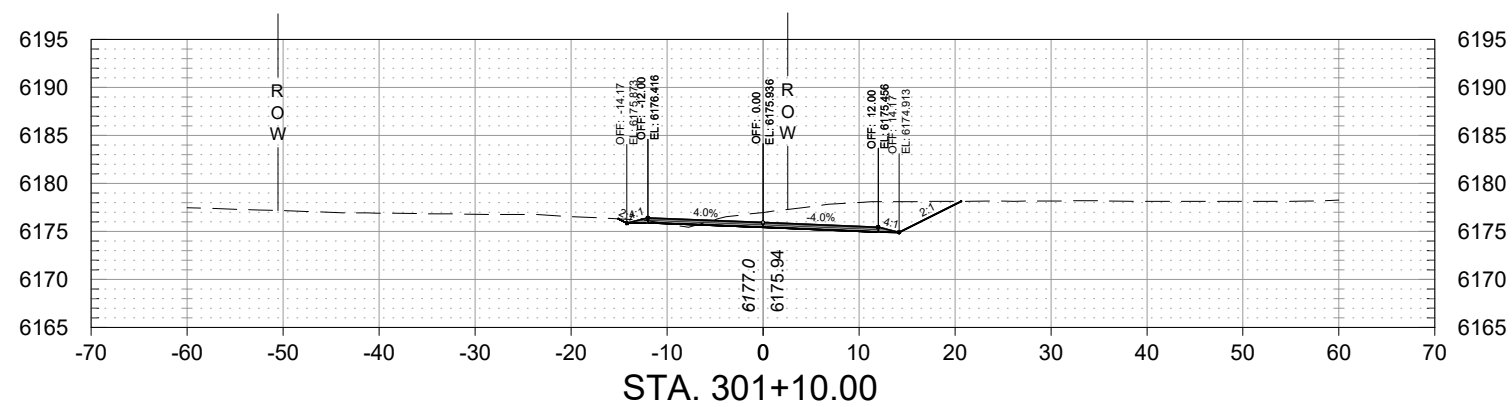
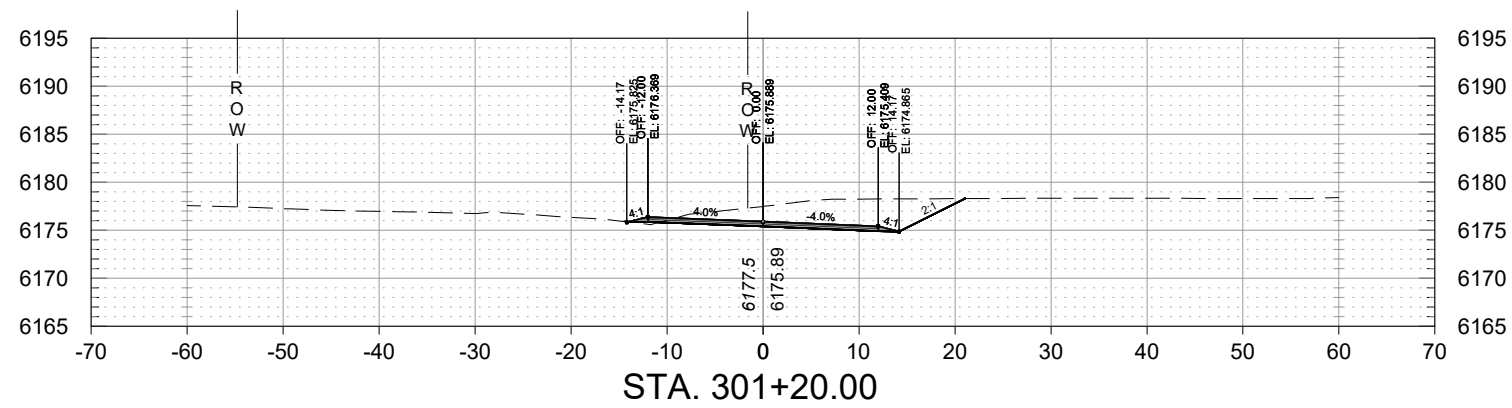
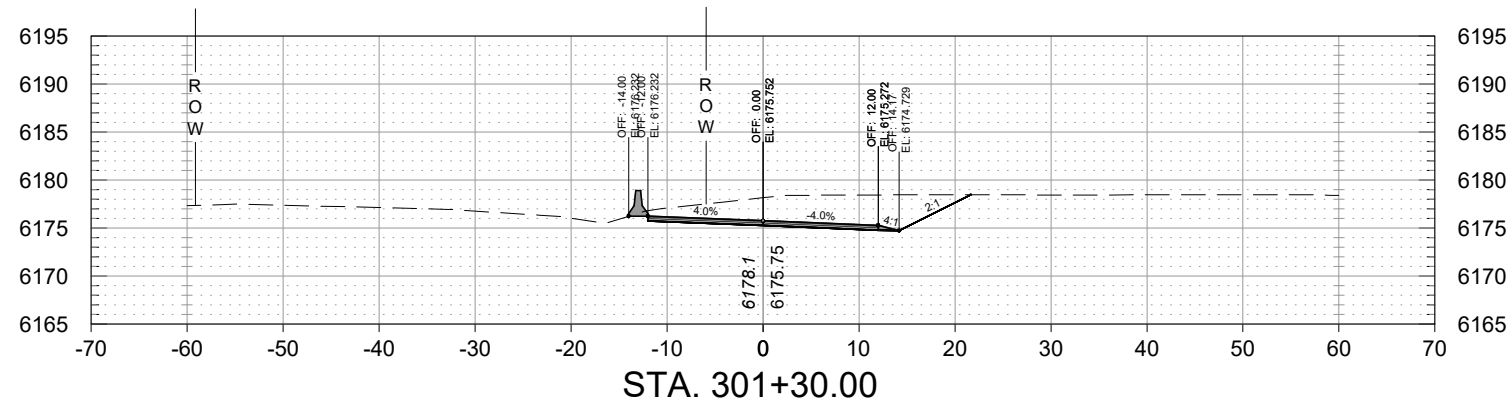
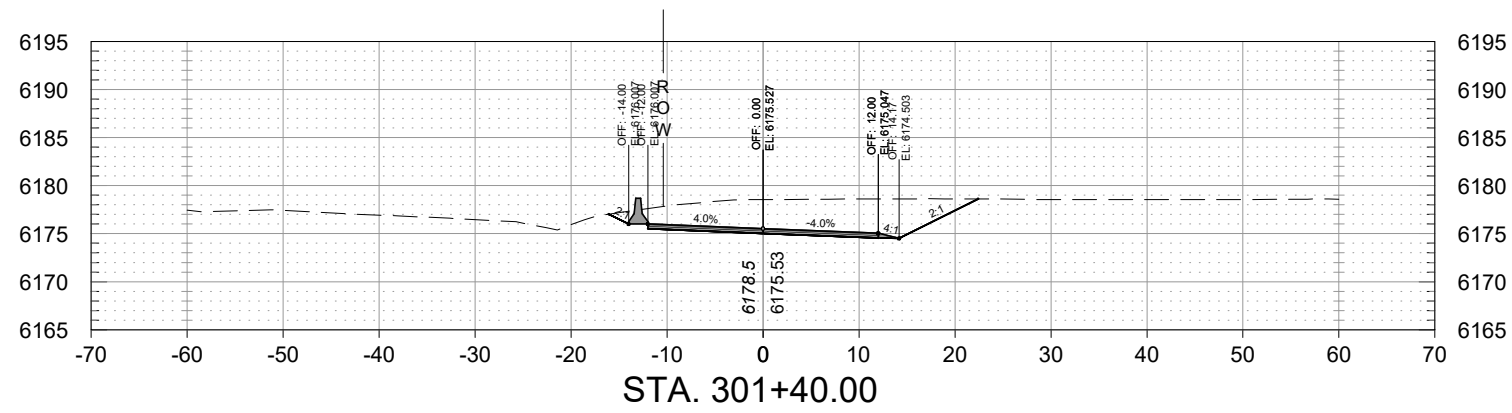


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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

CROSS SECTIONS
"DETOUR"

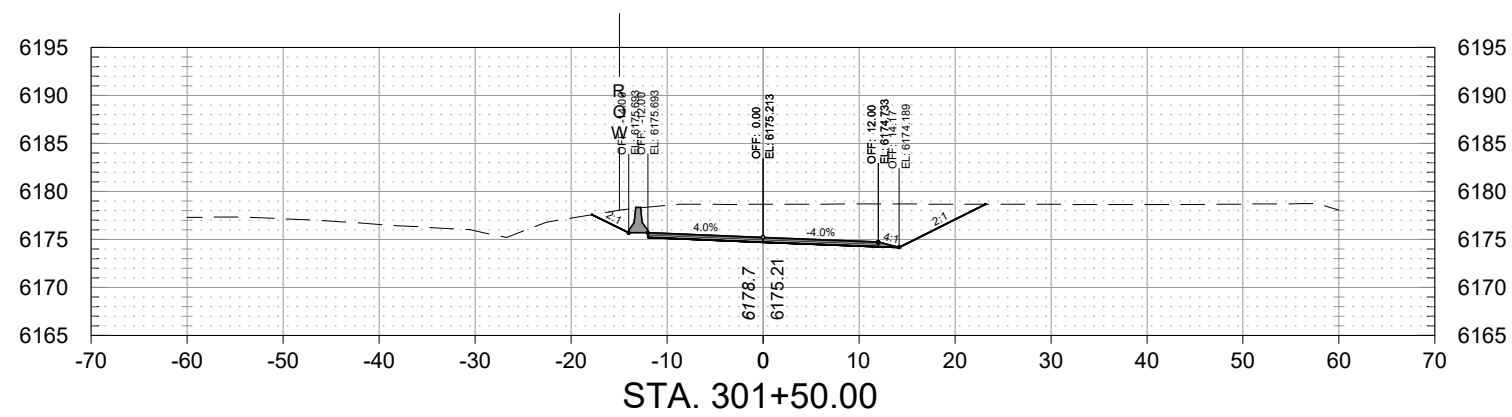
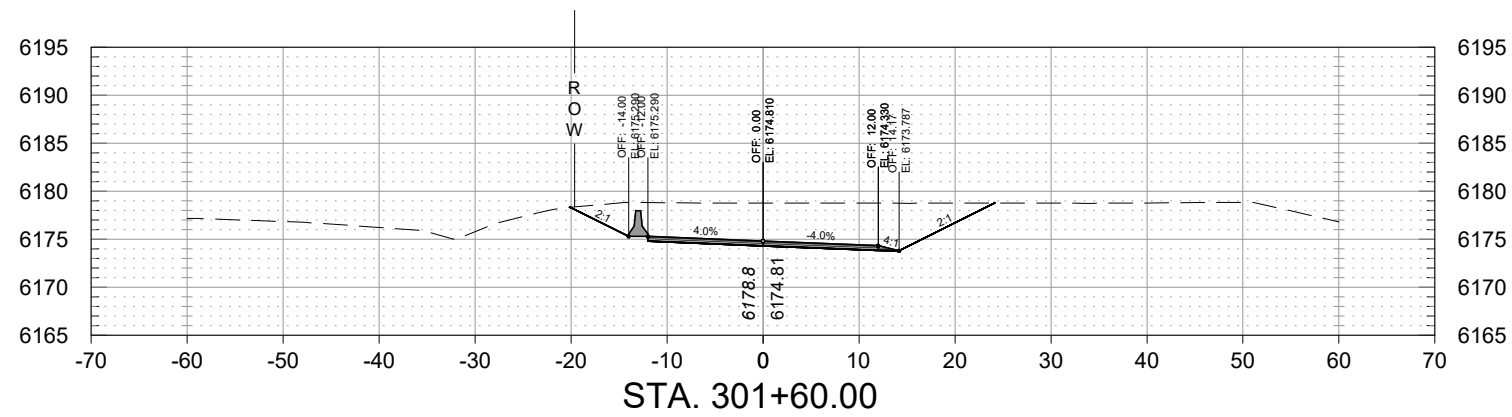
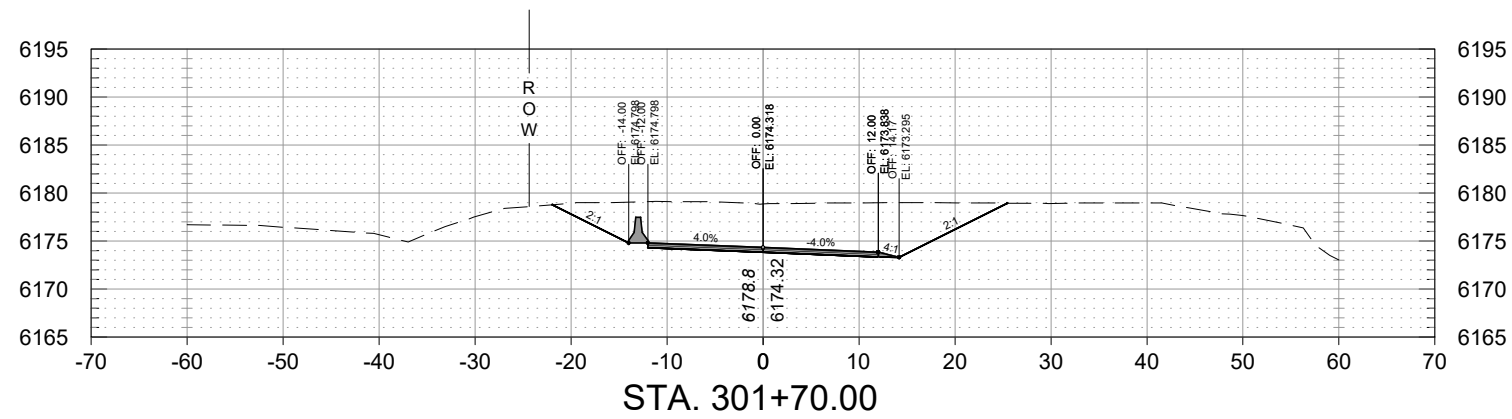
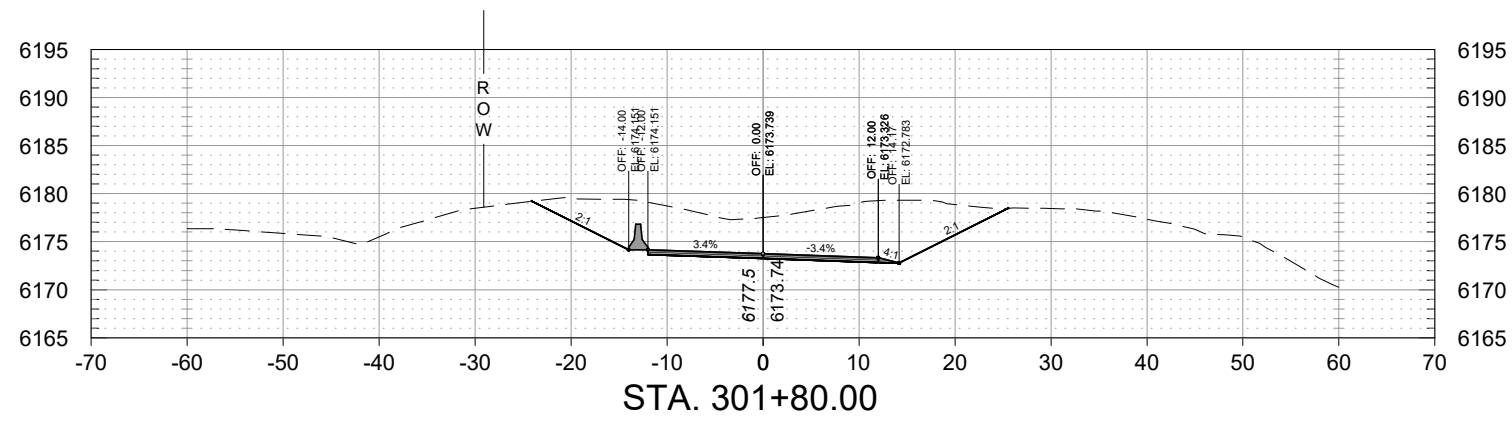


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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

CROSS SECTIONS
"DETOUR"

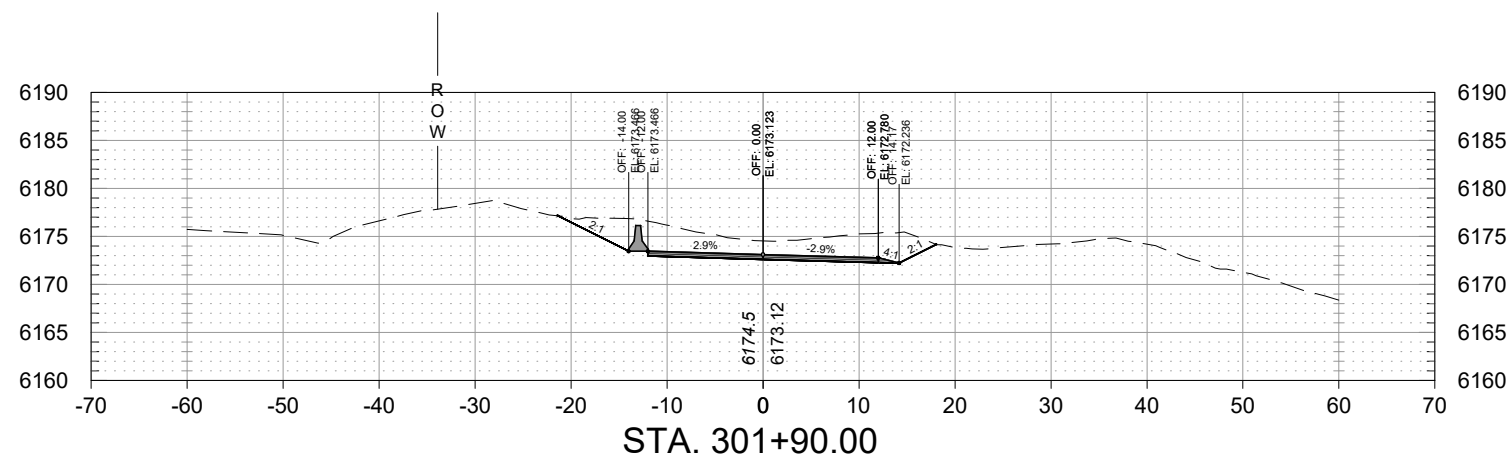
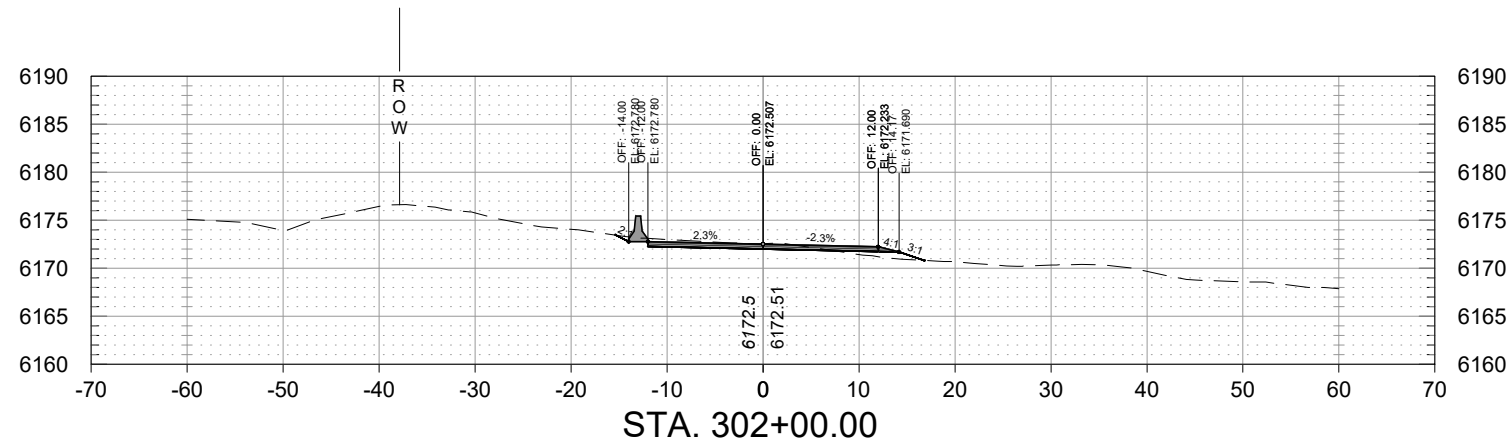
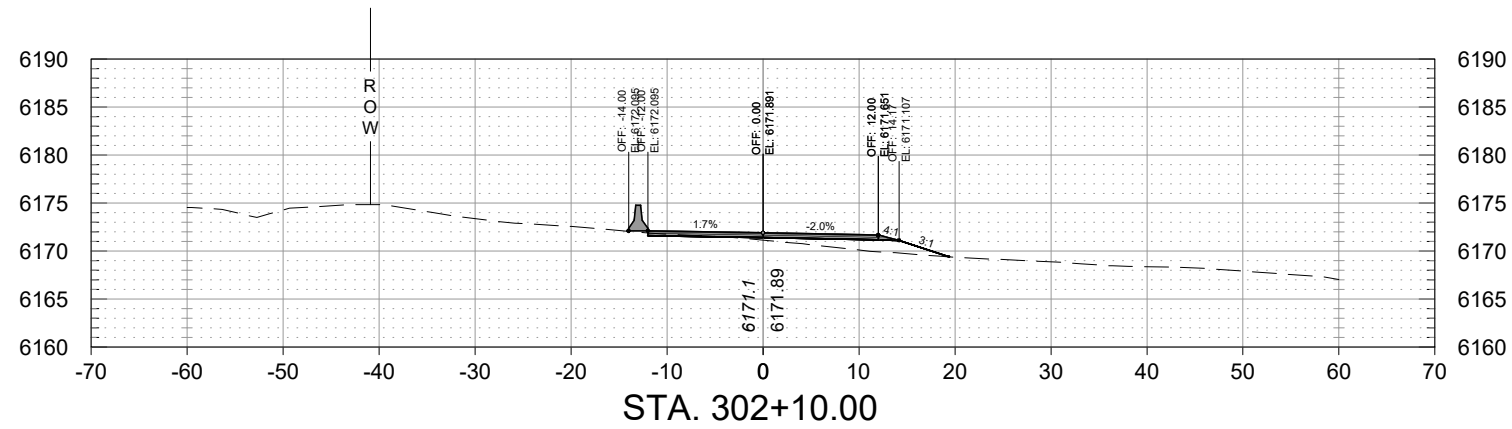
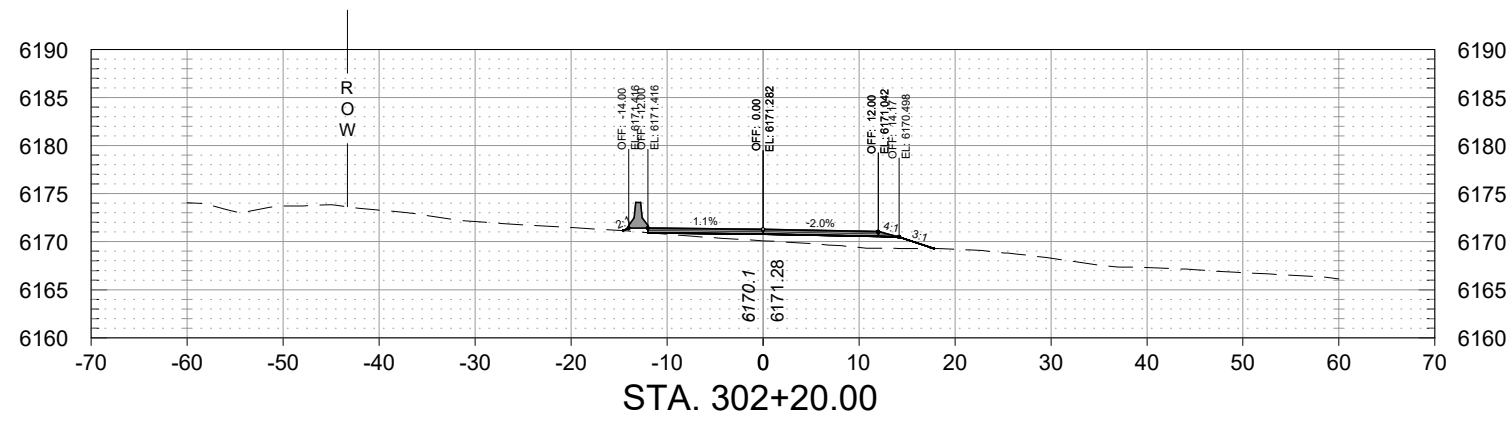


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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

CROSS SECTIONS
"DETOUR"

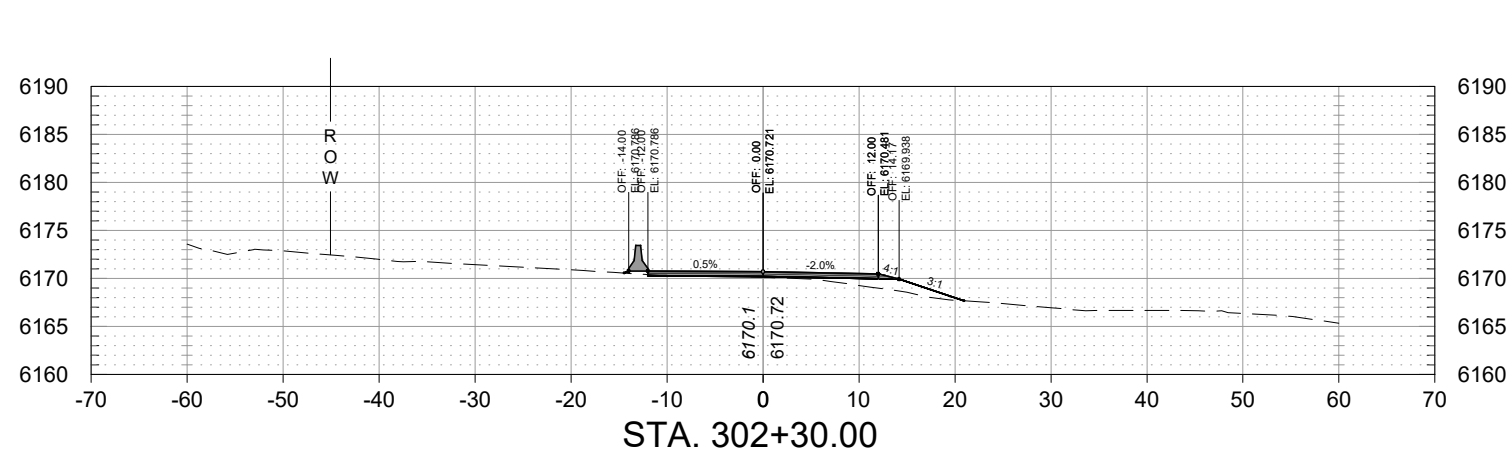
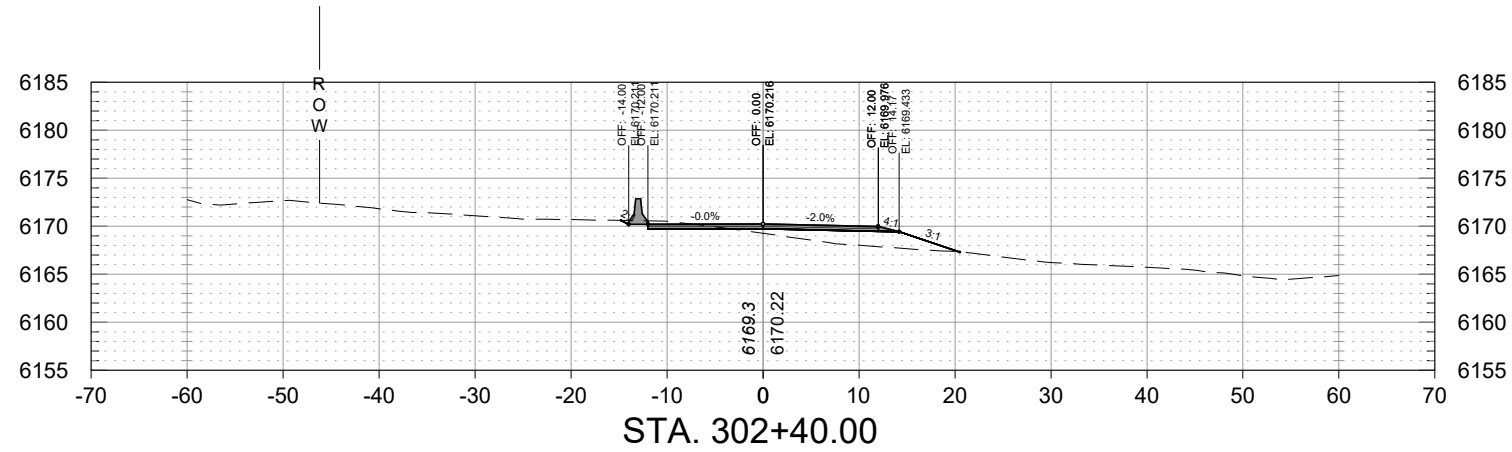
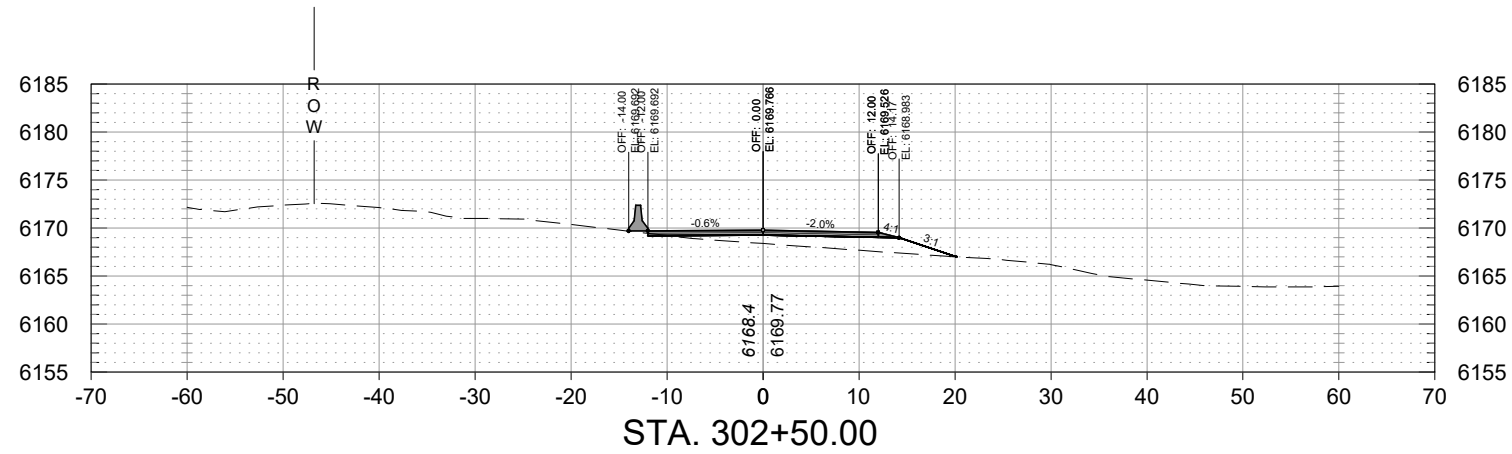
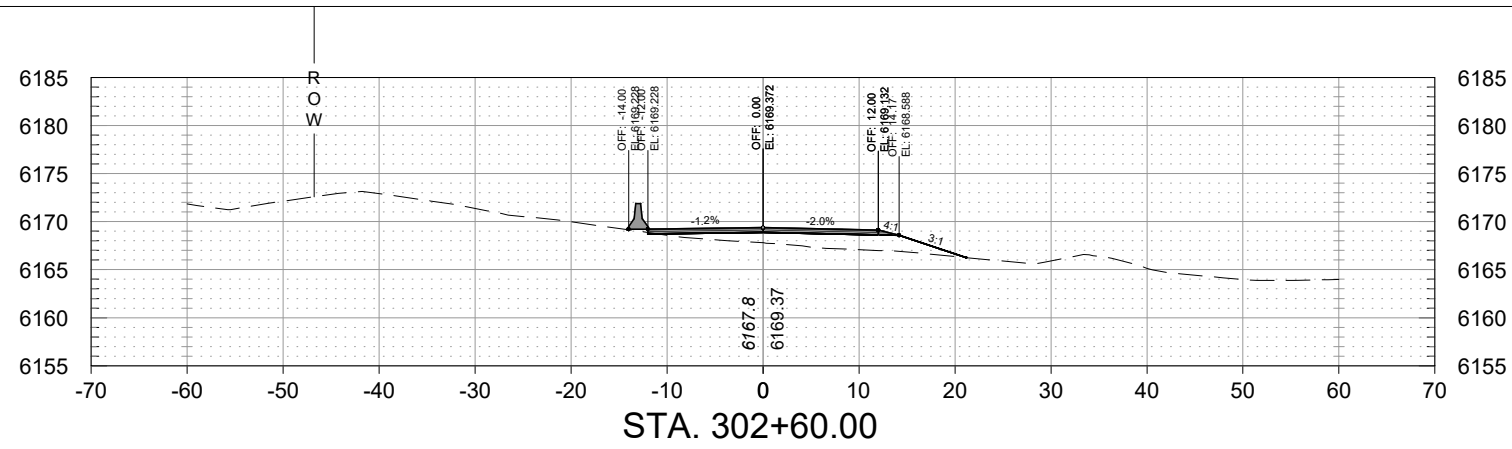


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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

CROSS SECTIONS
"DETOUR"

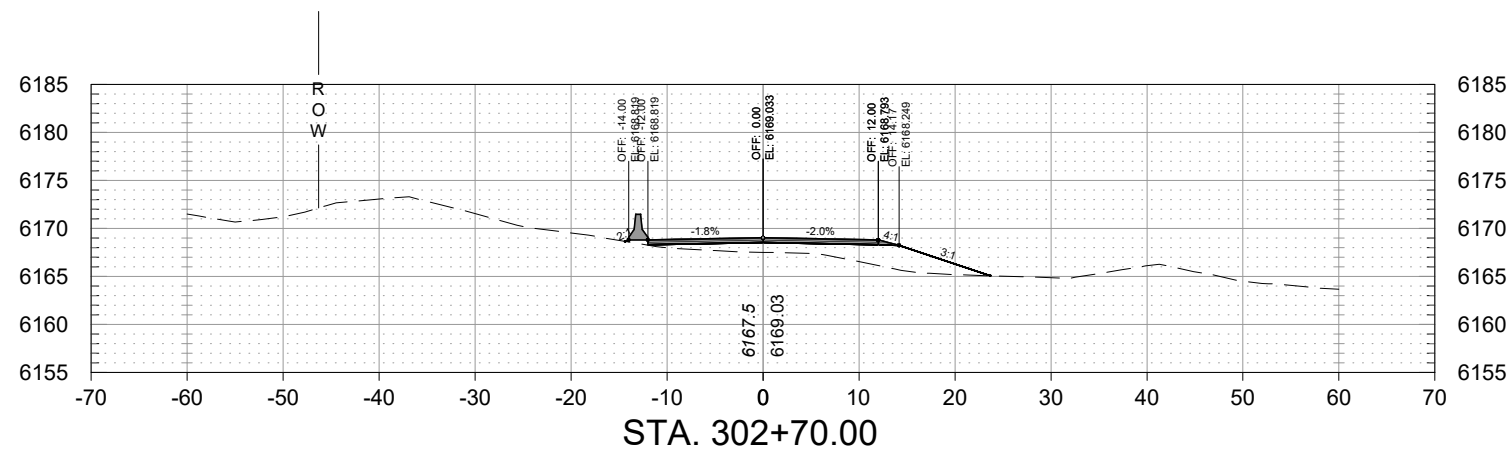
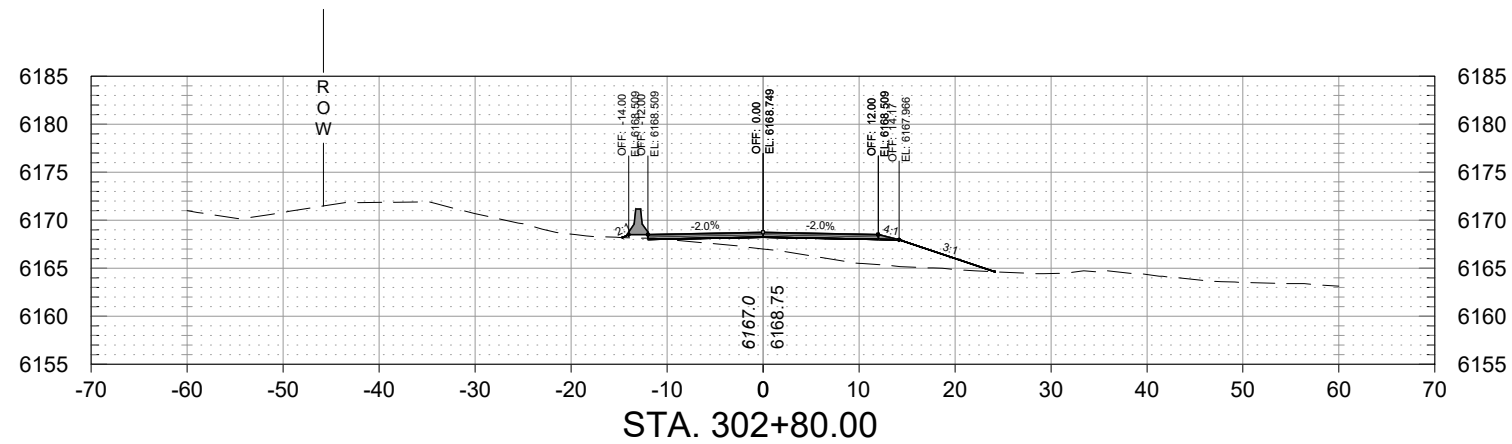
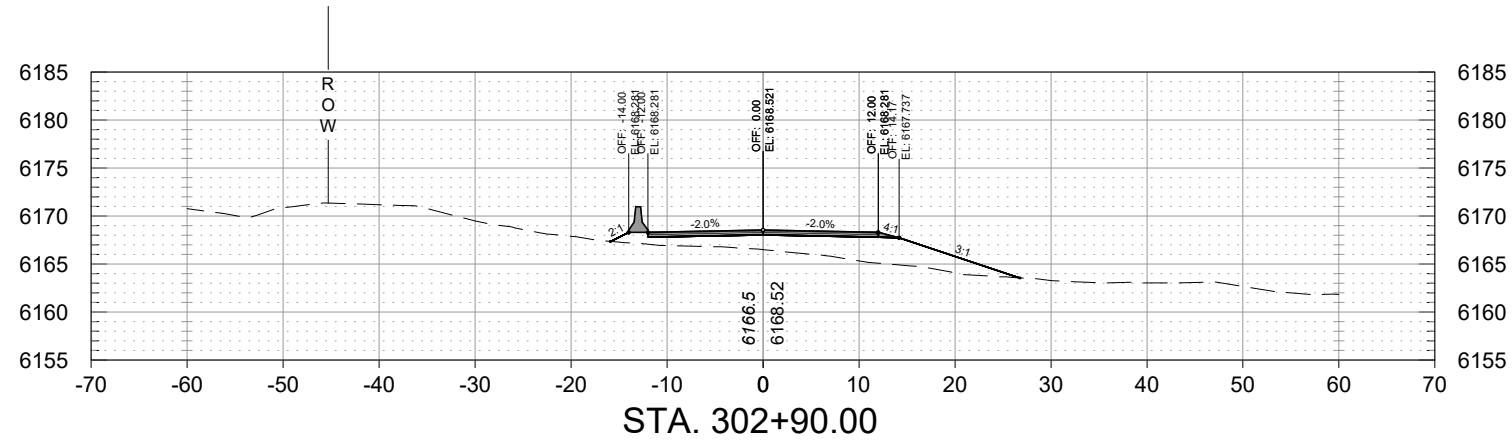
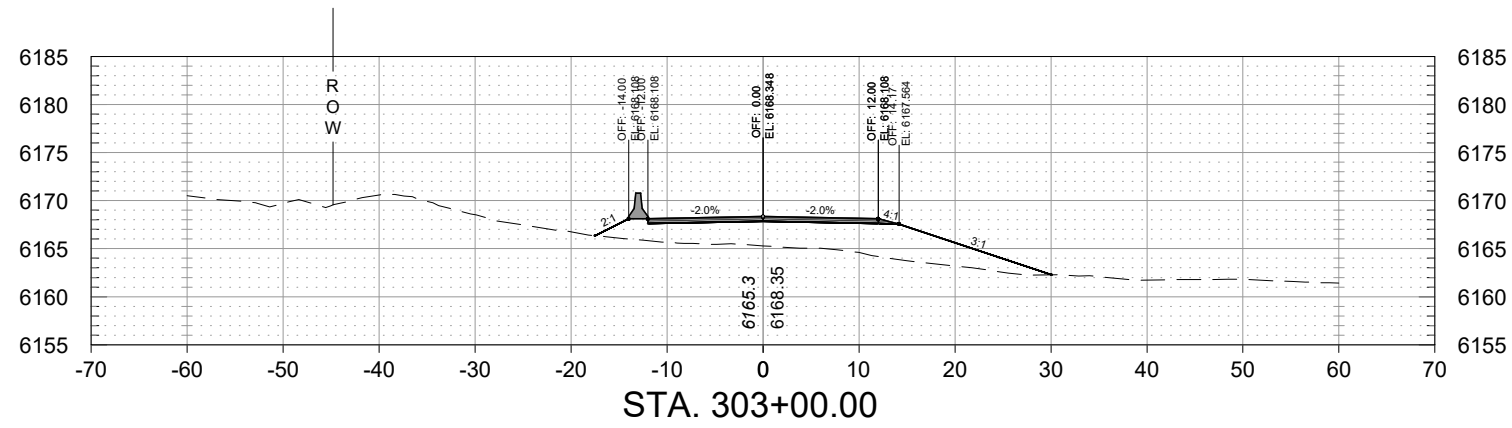


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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

CROSS SECTIONS
"DETOUR"

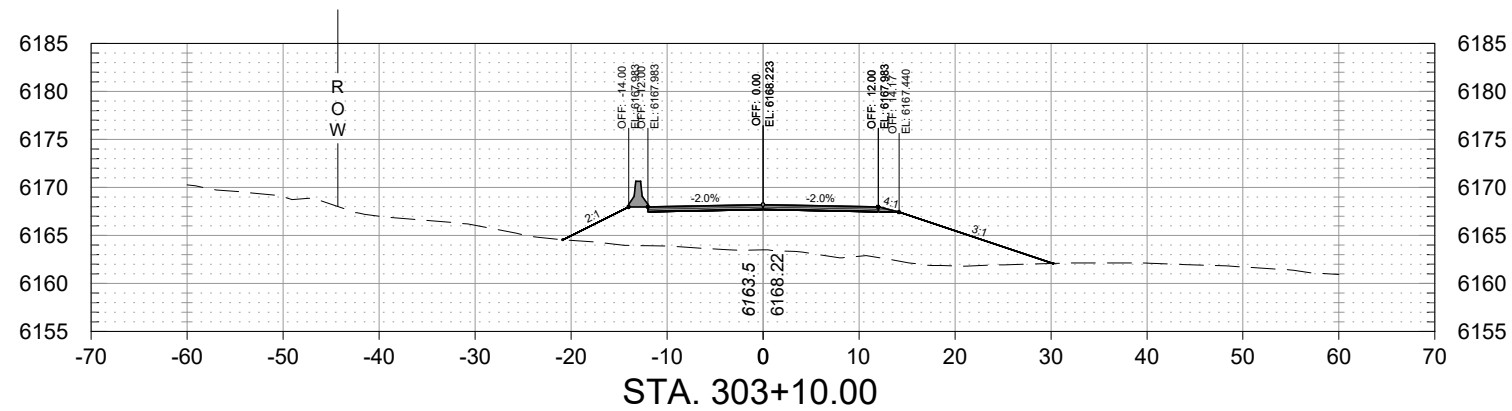
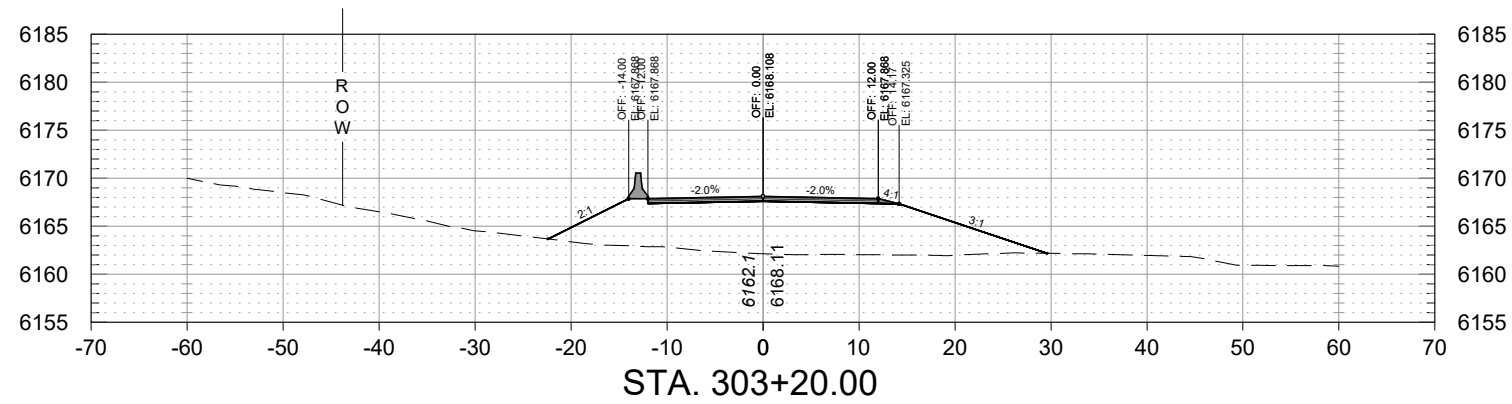
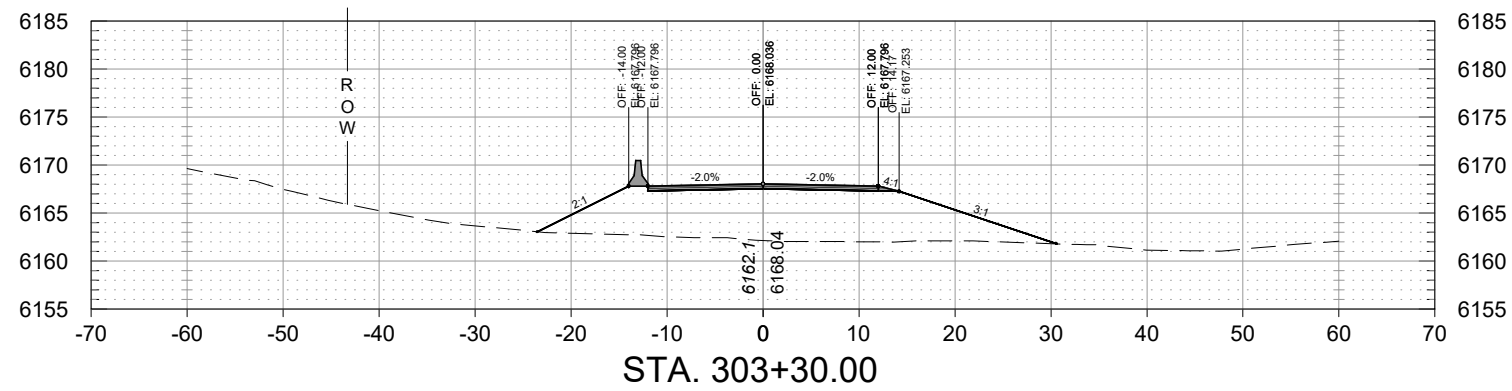
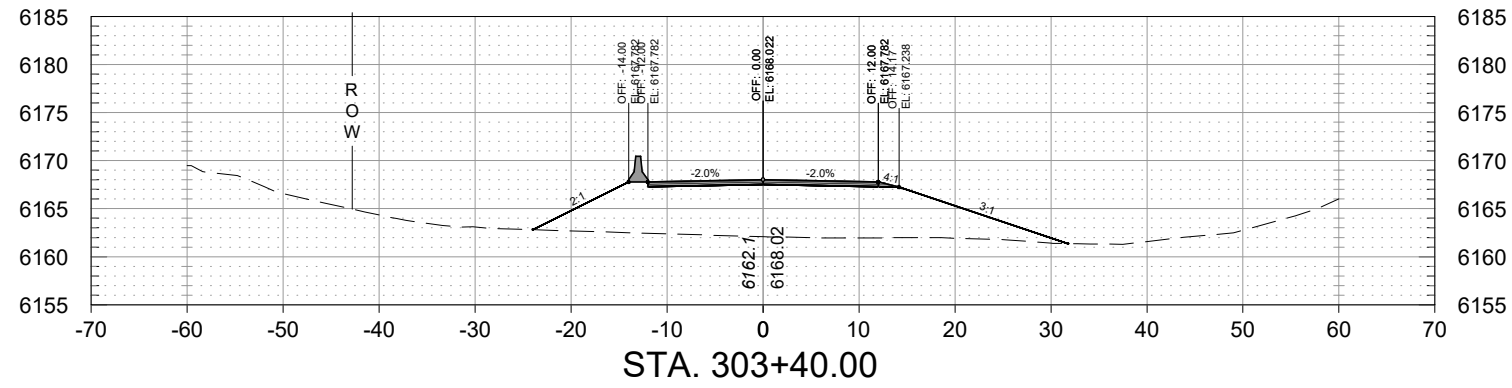


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REVISIONS (OR CHANGE NOTICES)

SANTA FE COUNTY
ALL WEATHER CROSSING
LOS PINOS AT ARROYO HONDO

CROSS SECTIONS
"DETOUR"

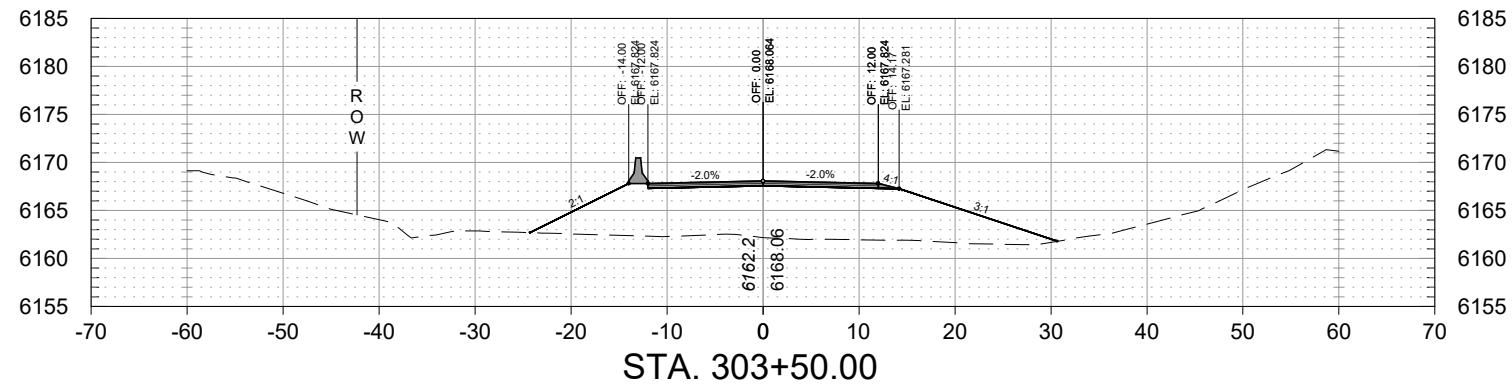
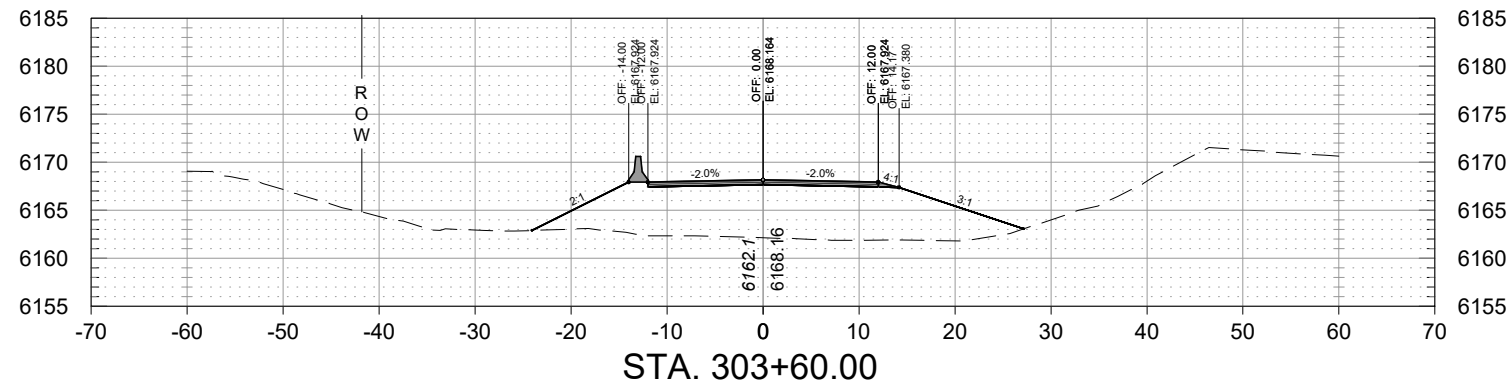
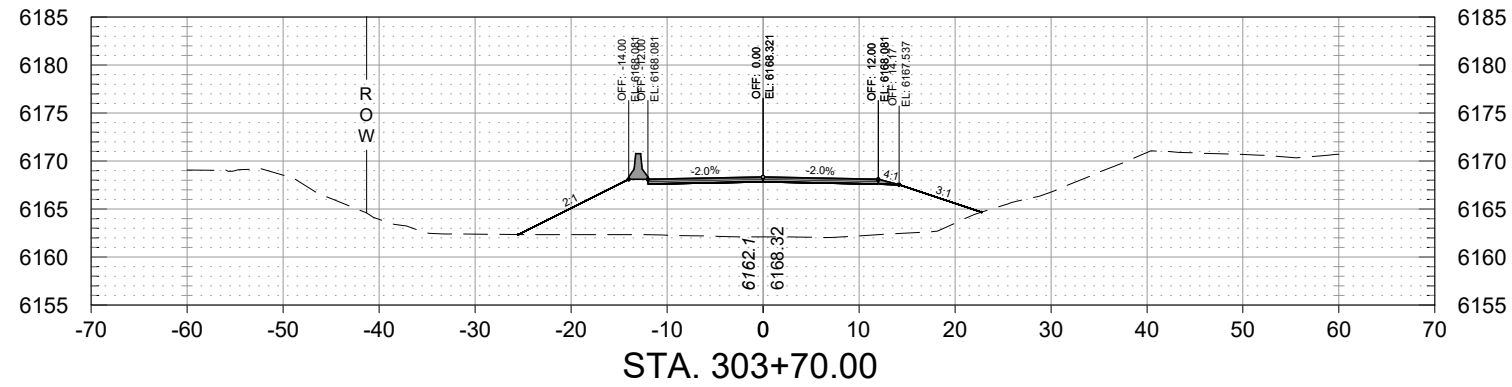
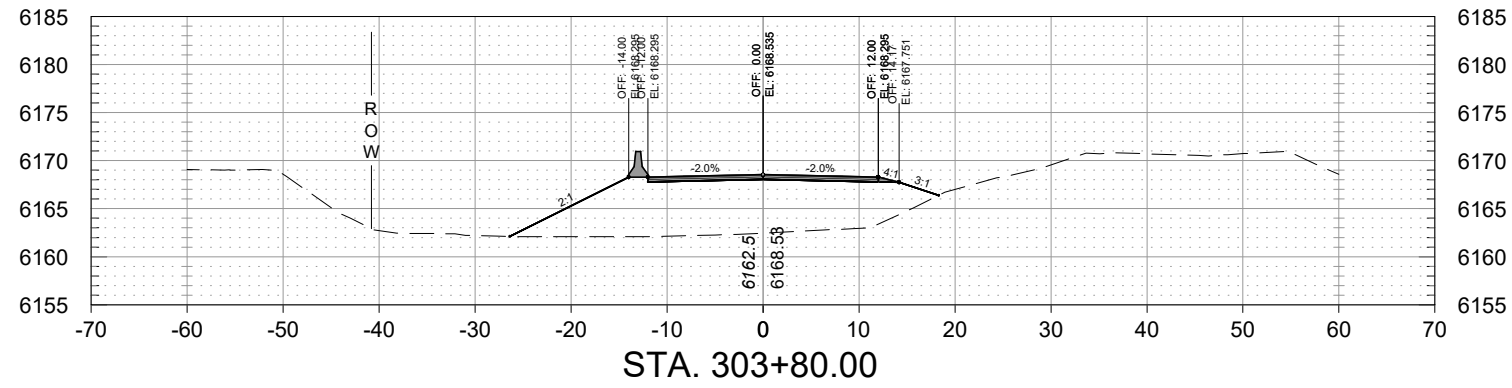


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SANTA FE COUNTY
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"DETOUR"

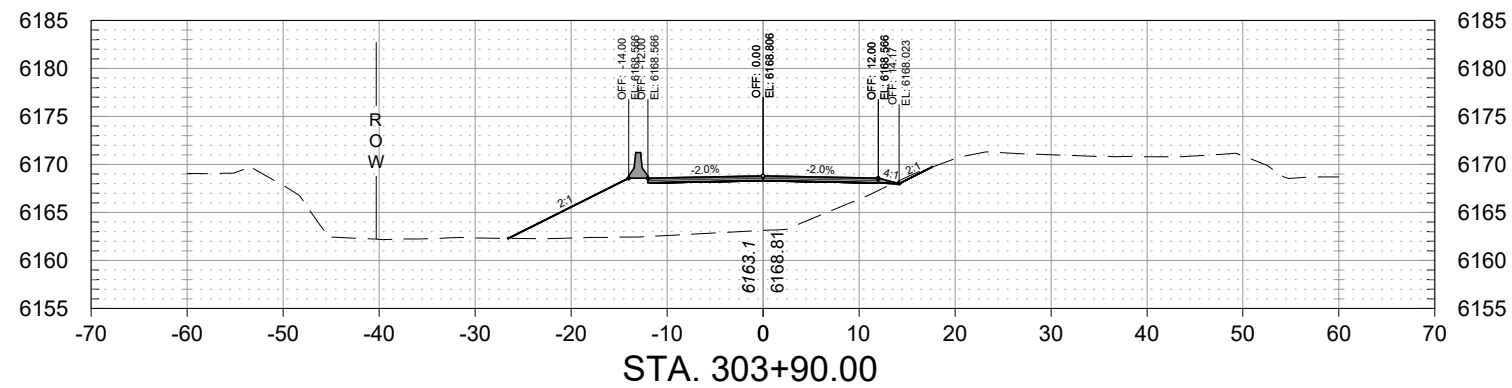
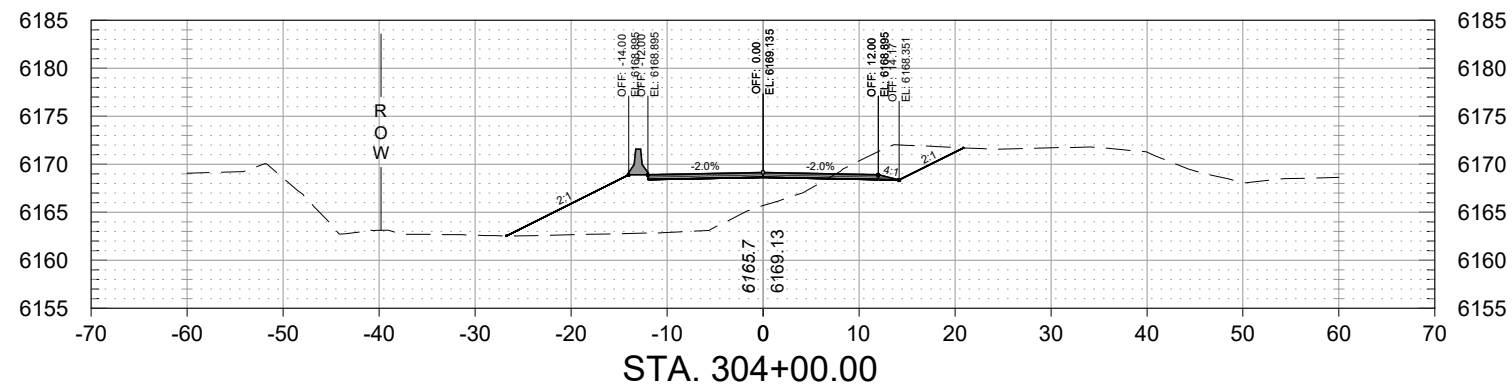
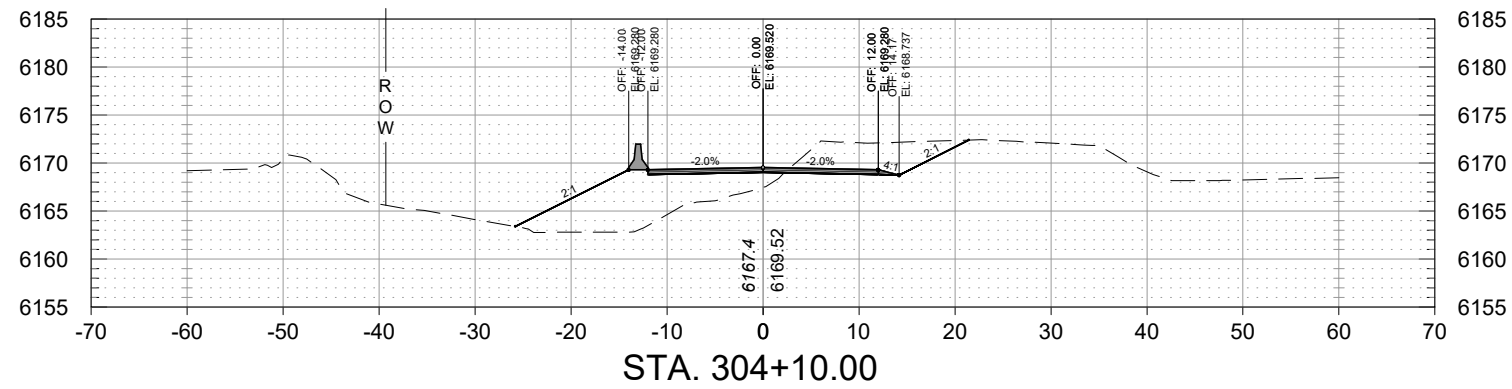
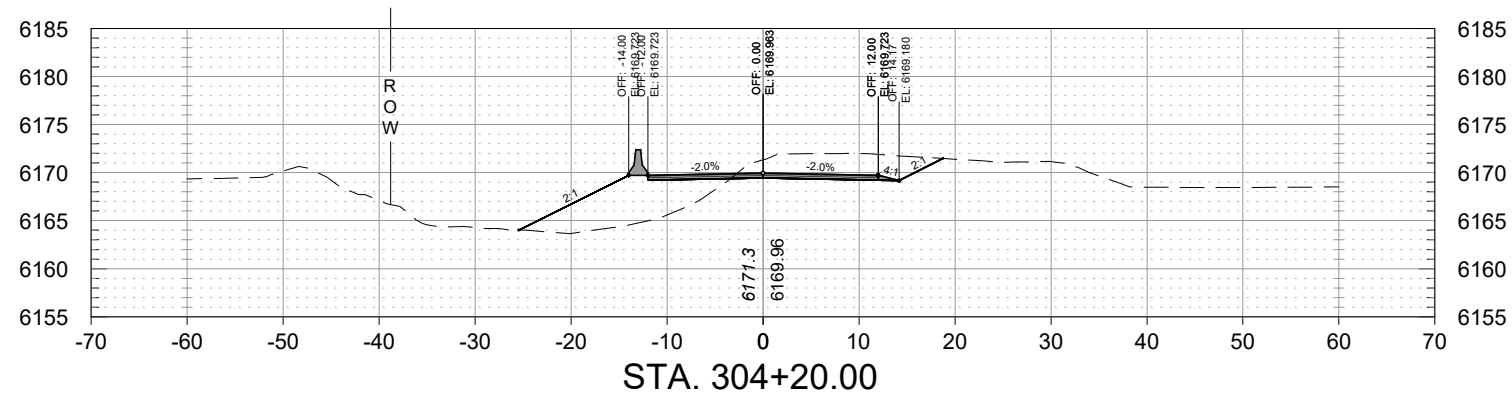


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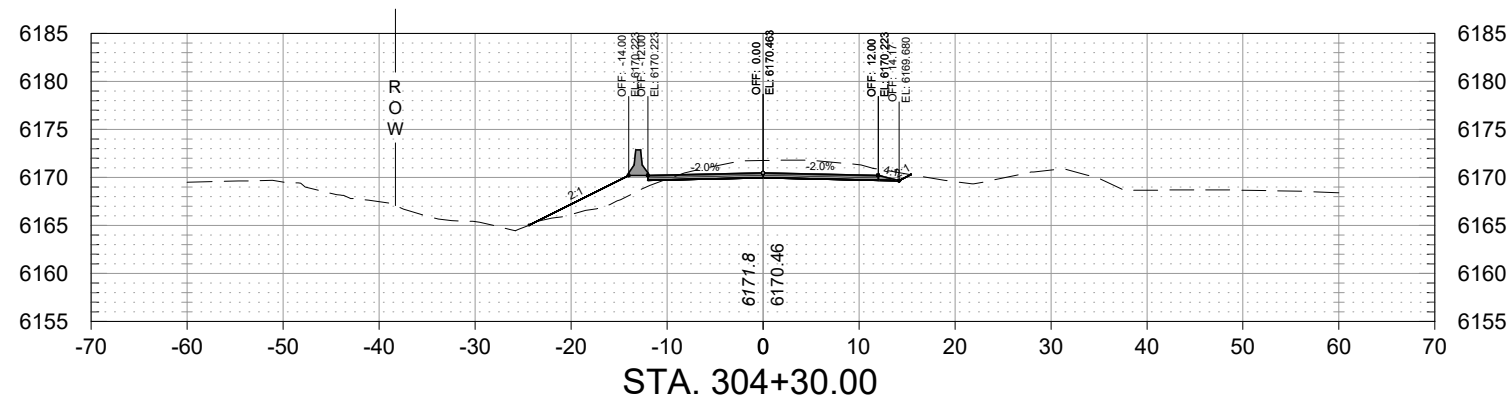
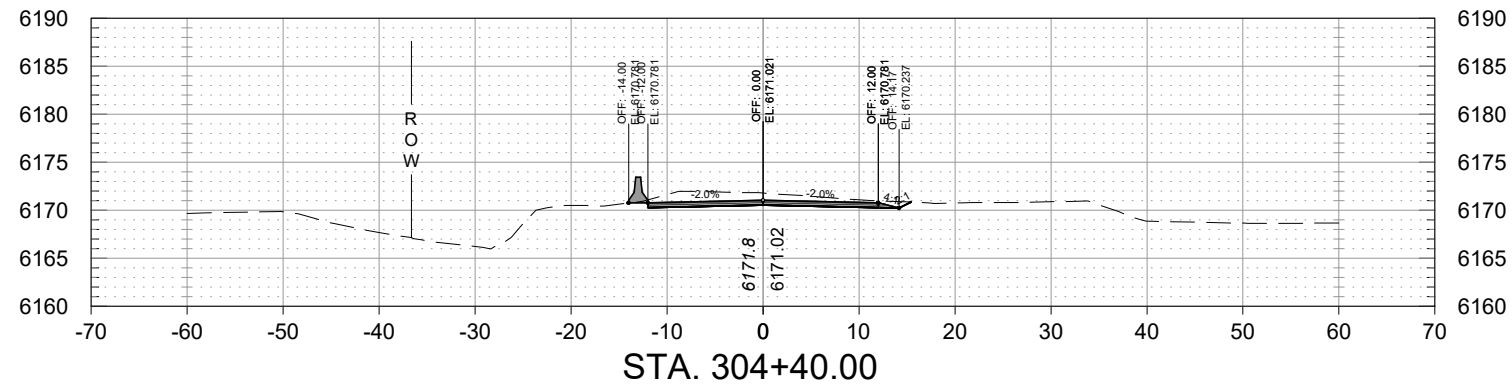
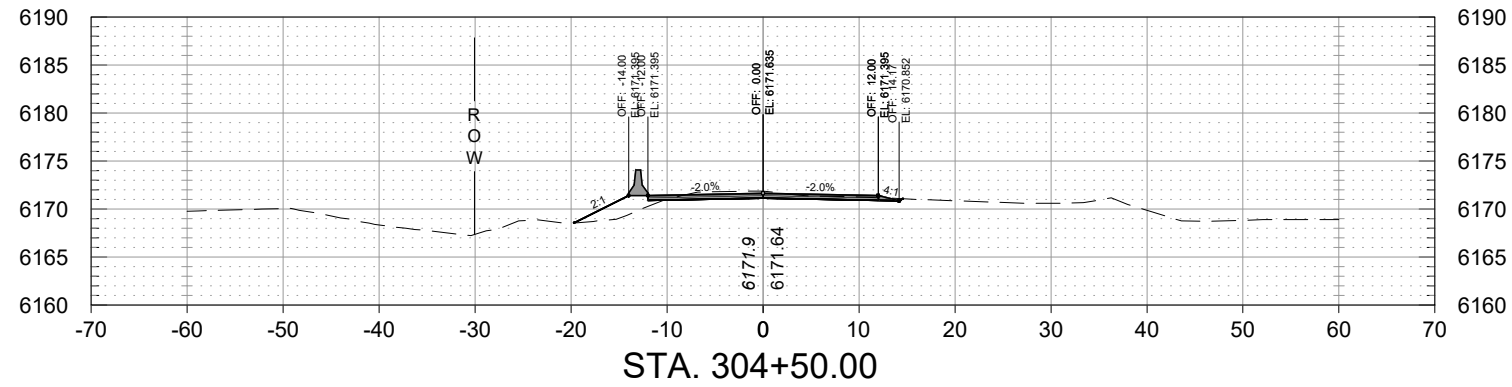
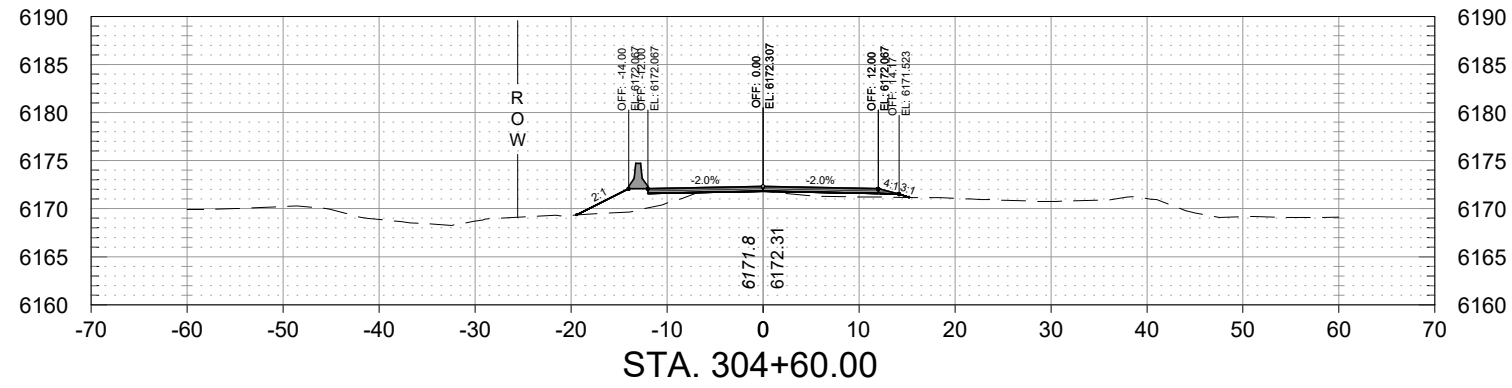
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SANTA FE COUNTY
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CROSS SECTIONS
 "DETOUR"

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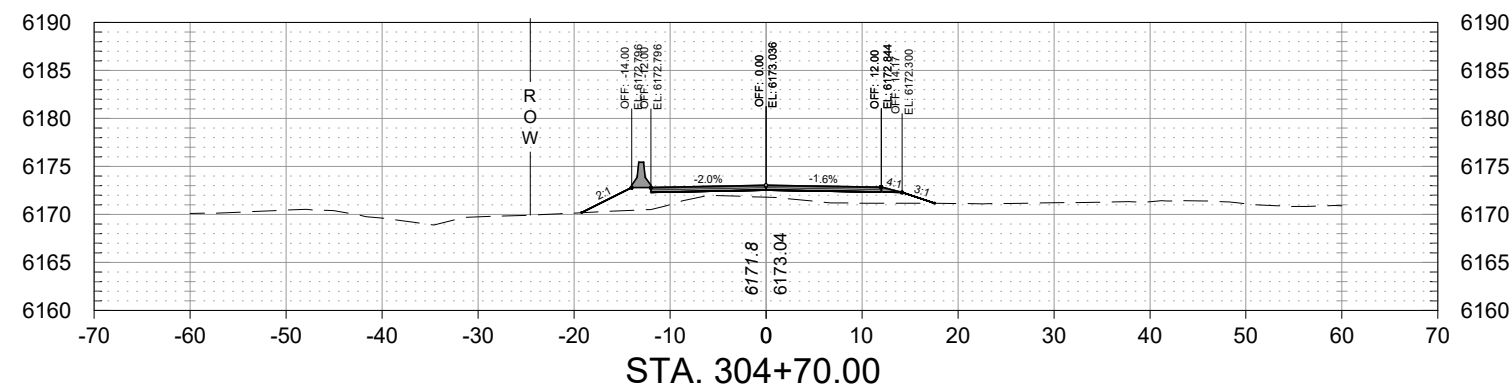
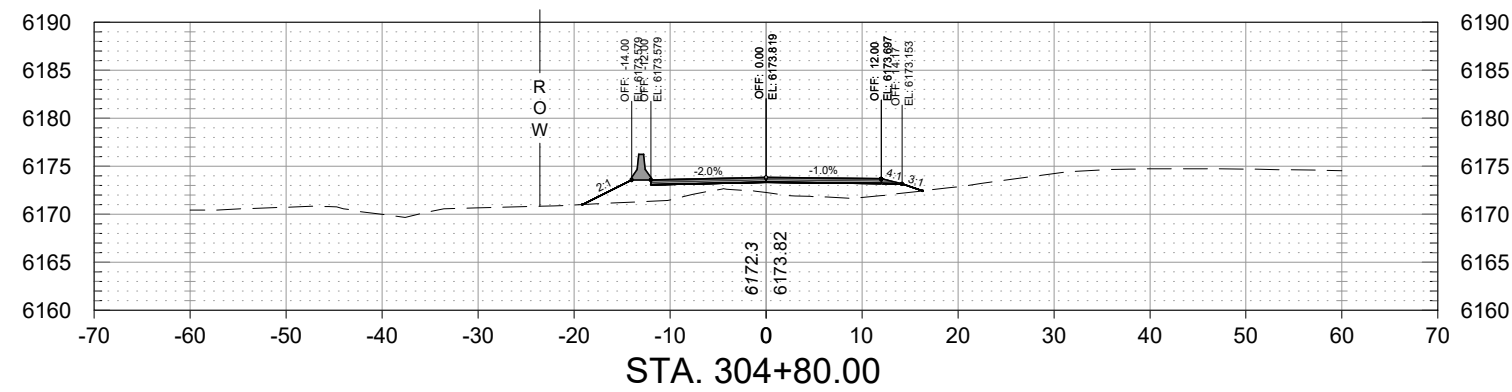
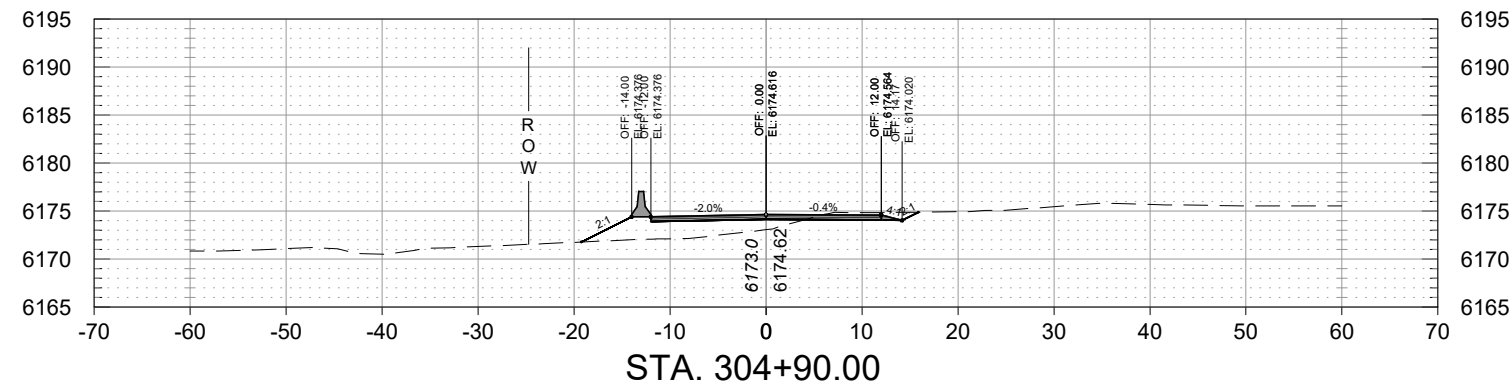
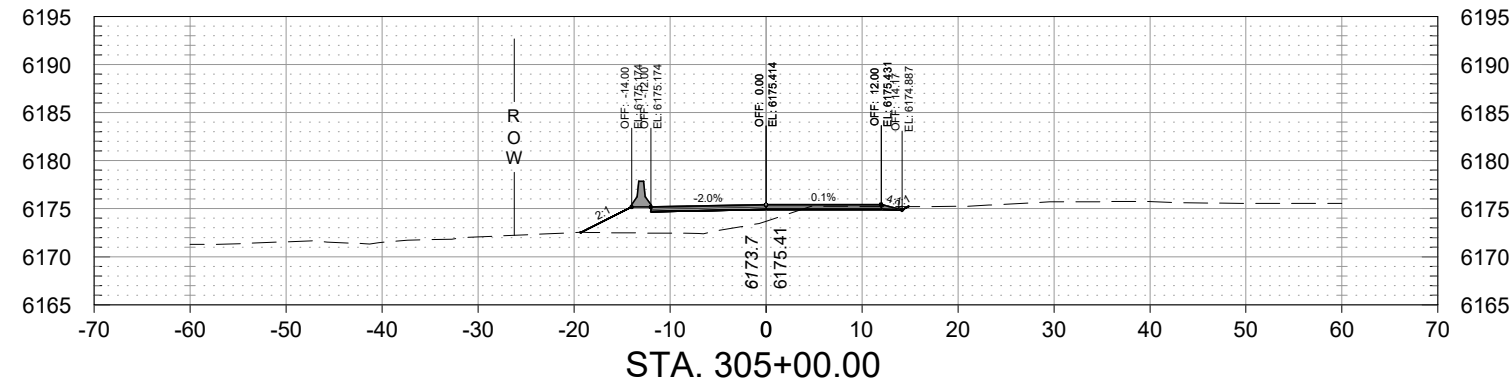


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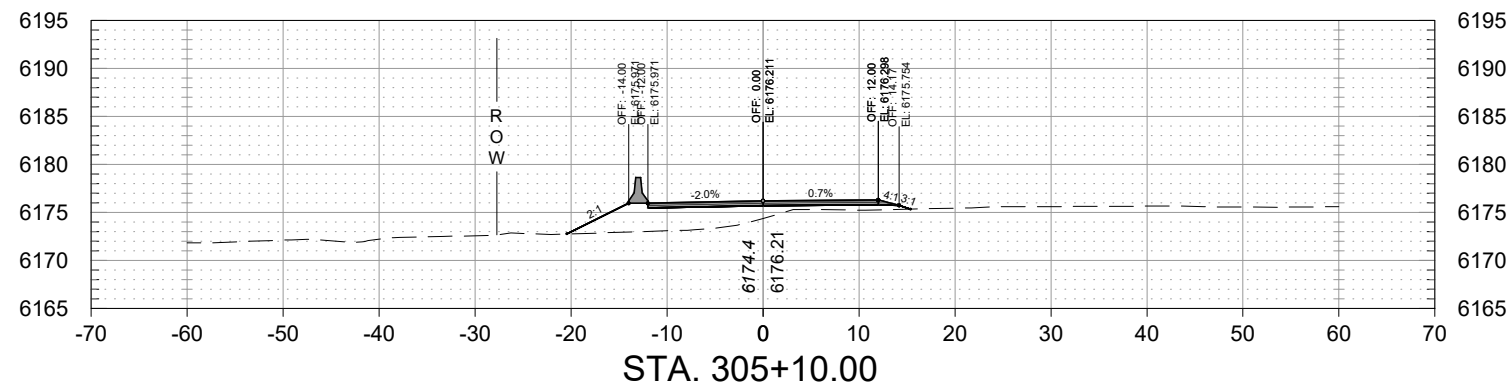
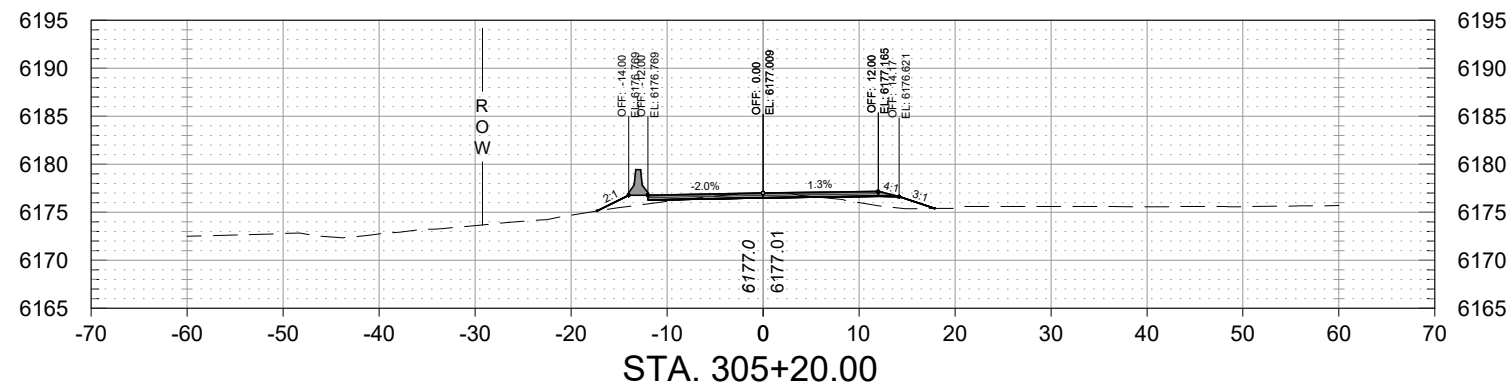
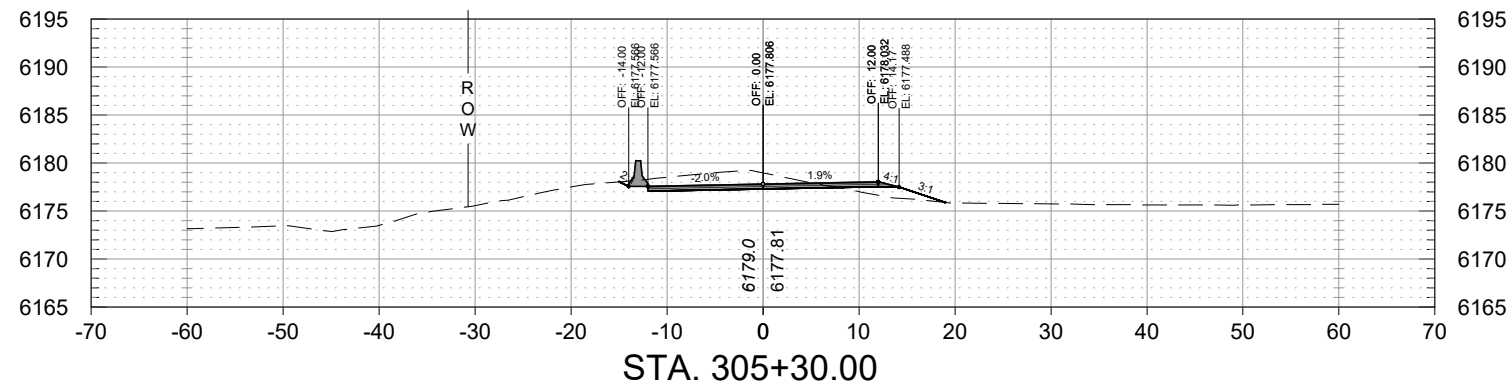
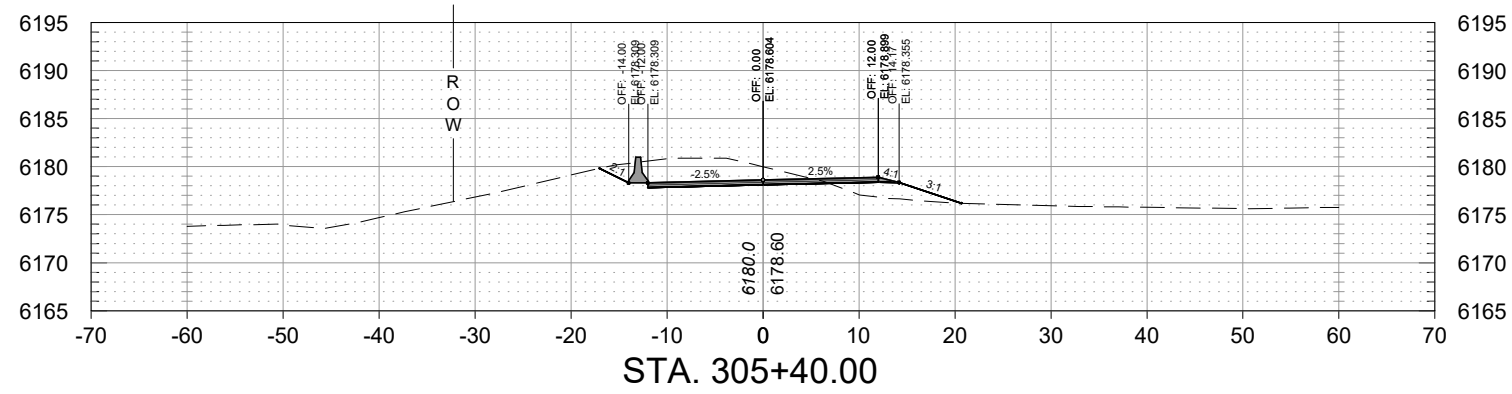


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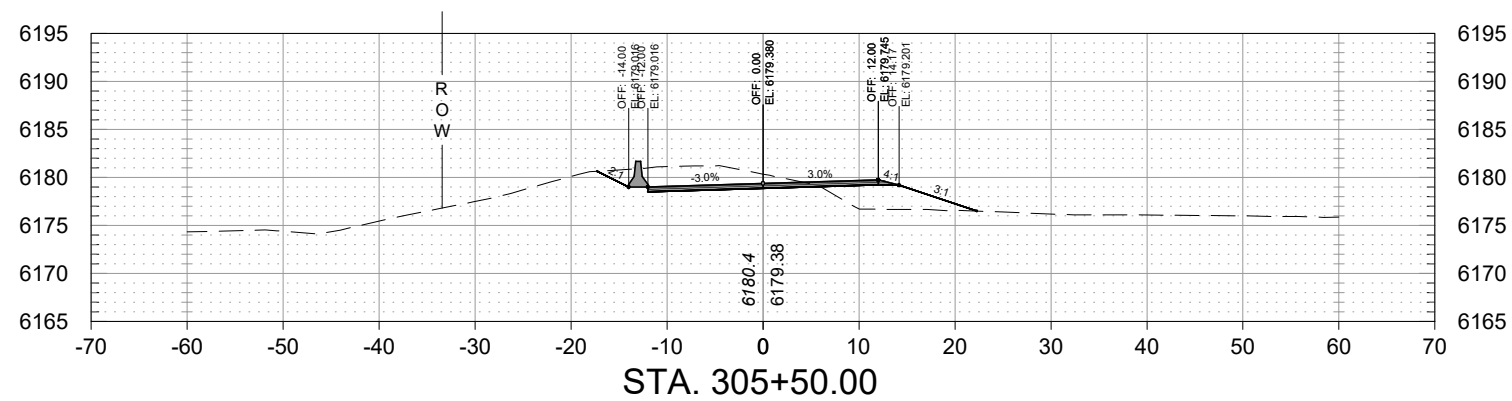
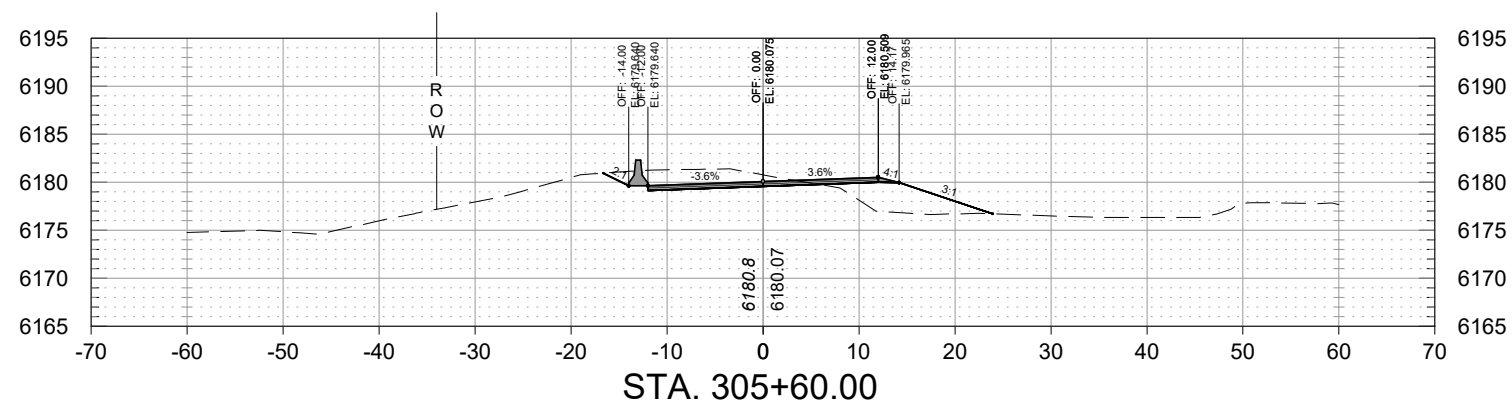
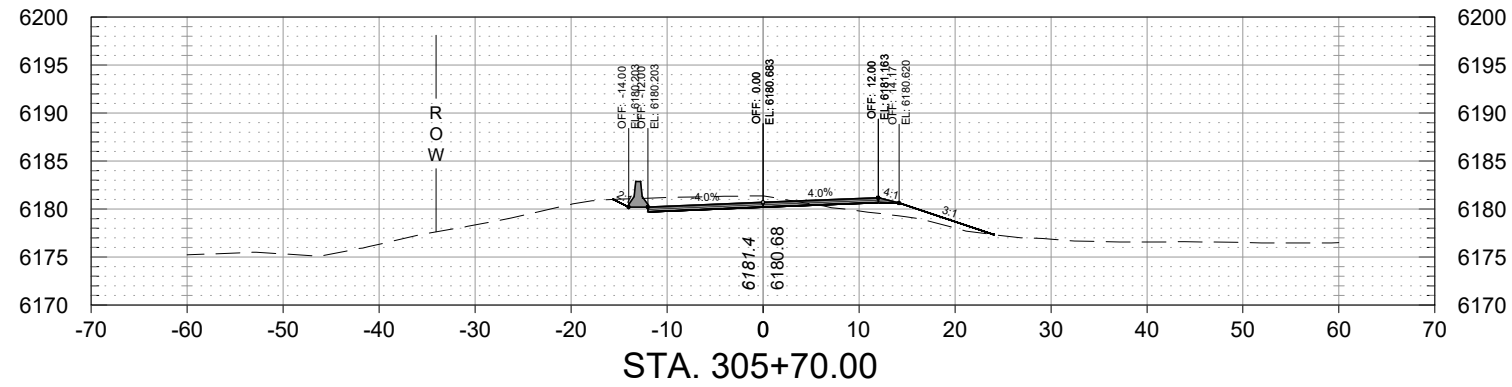
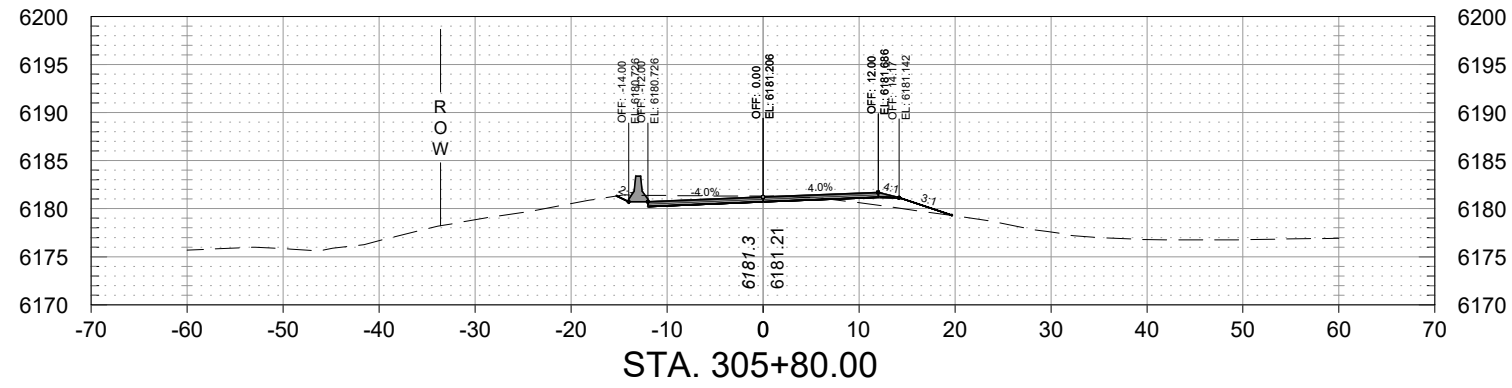


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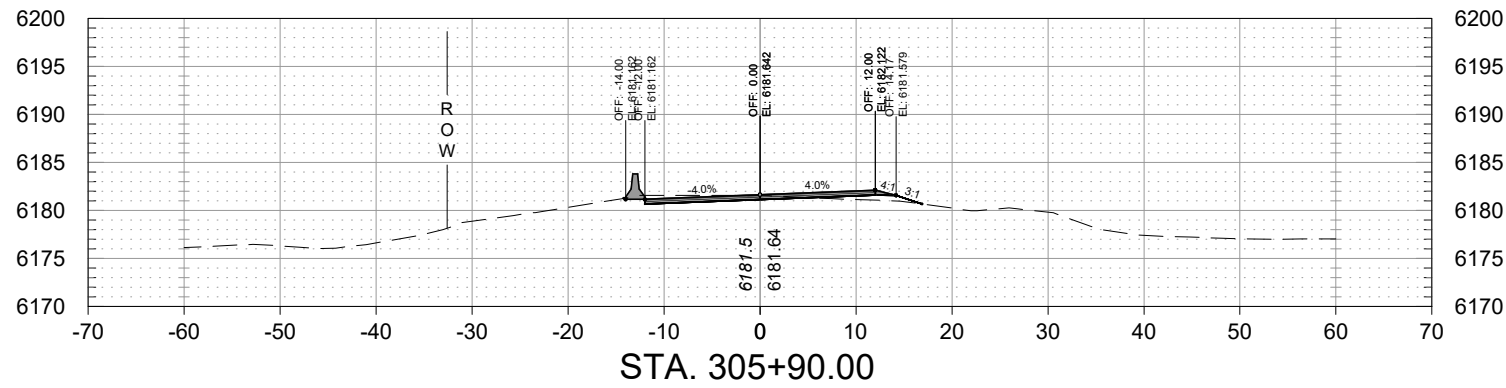
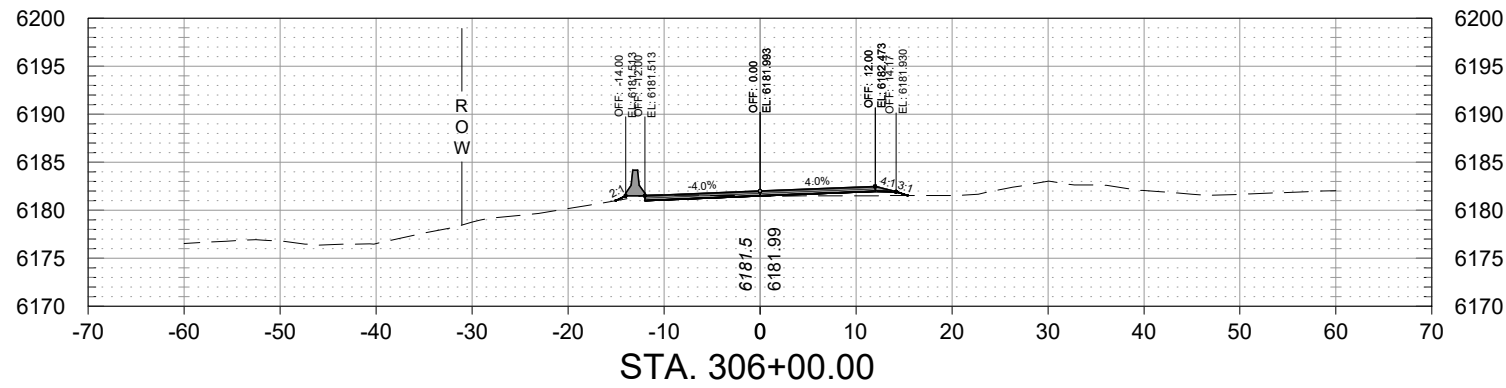
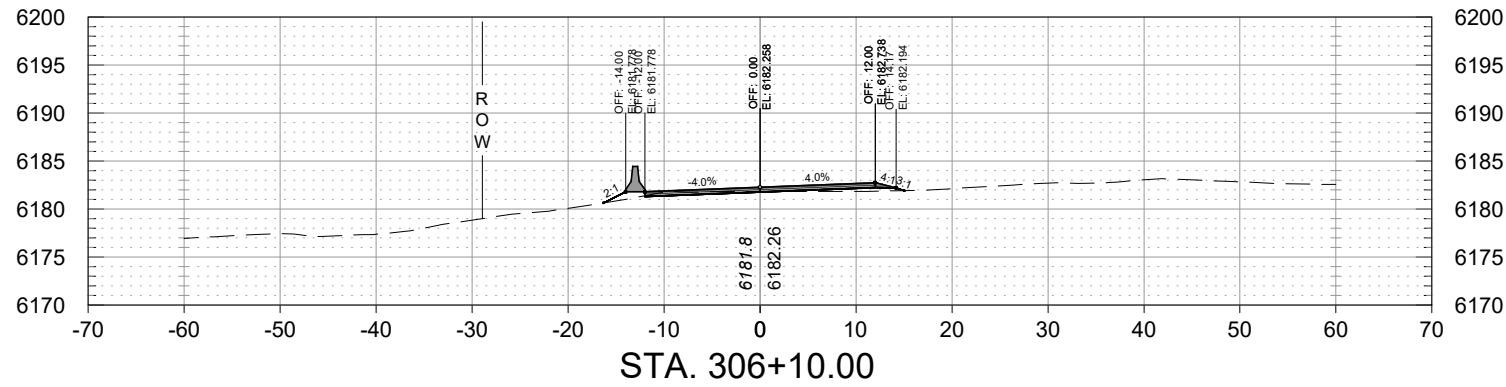
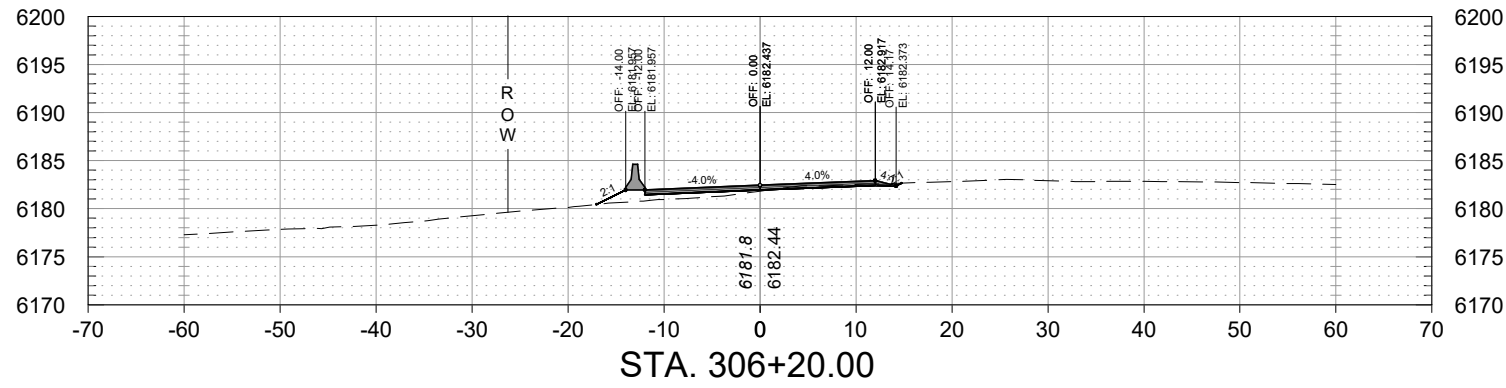


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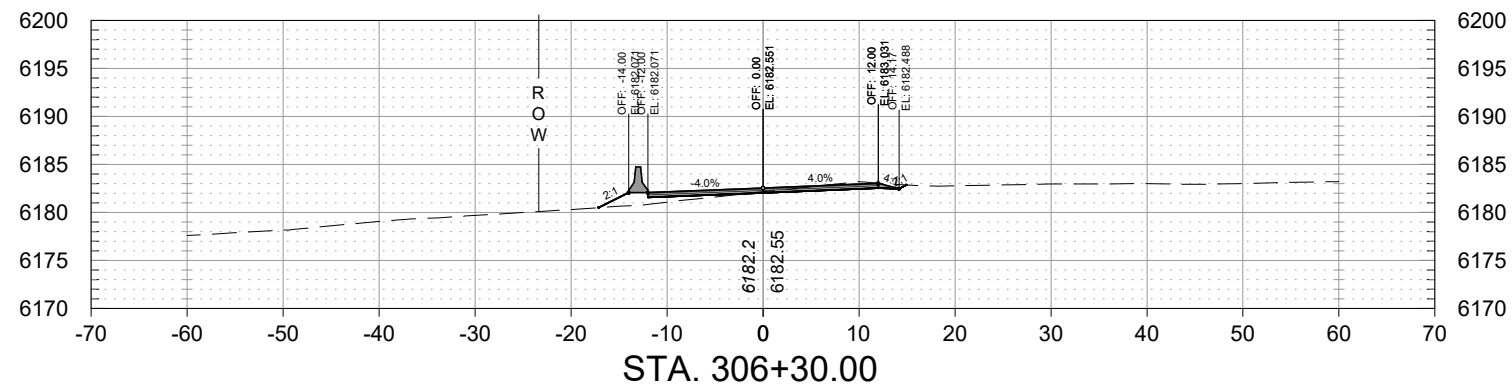
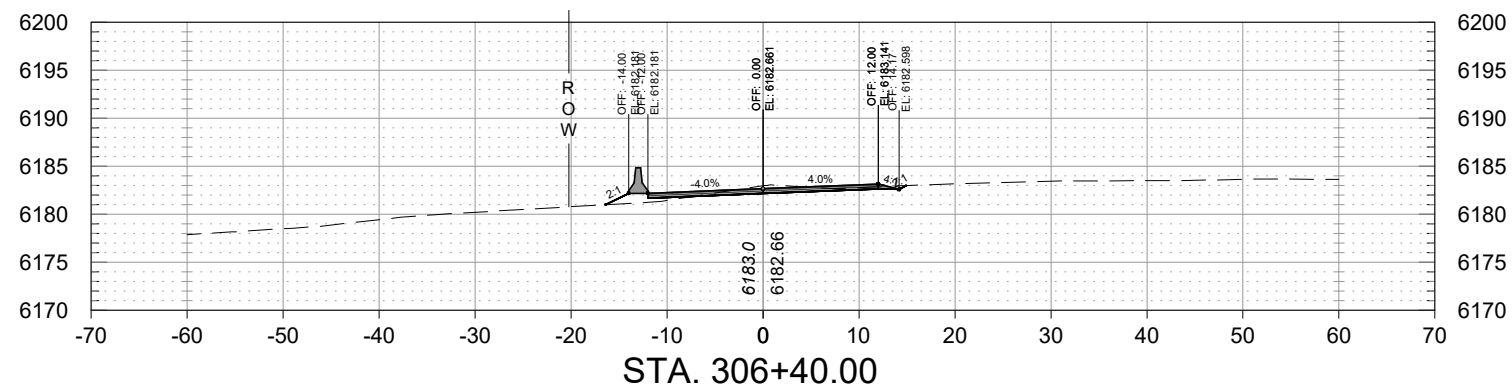
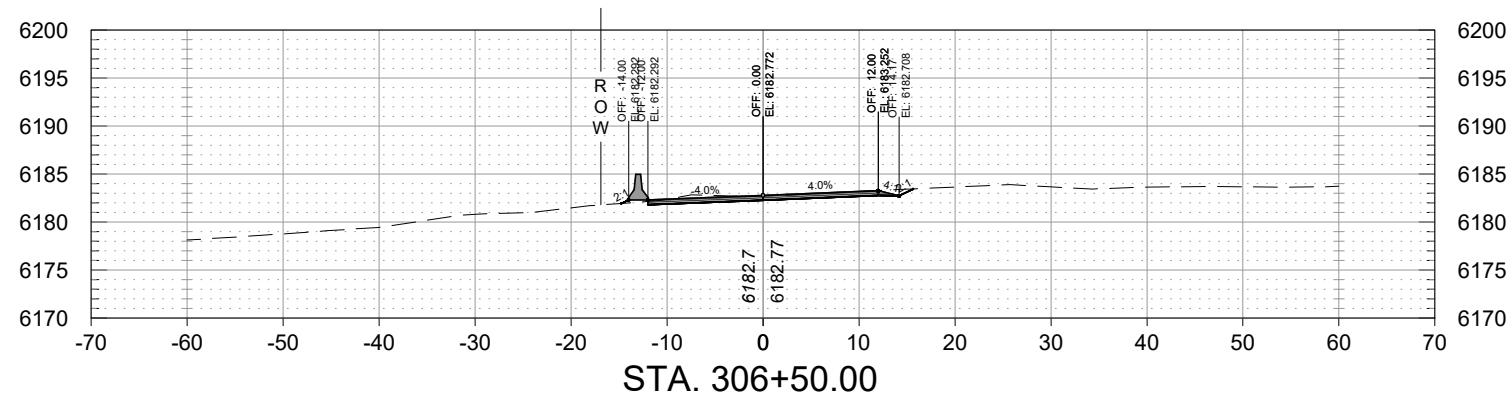
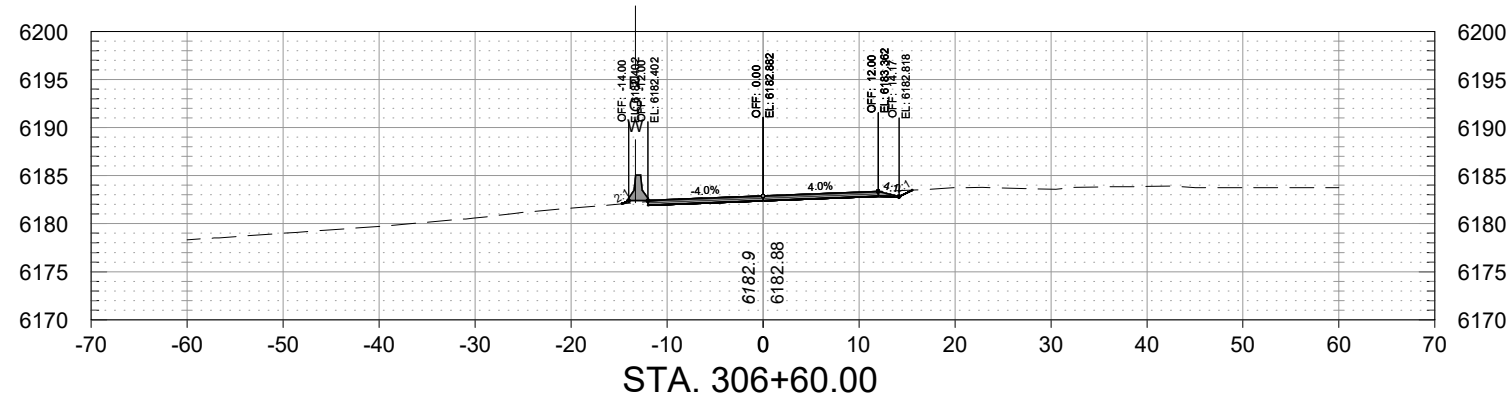


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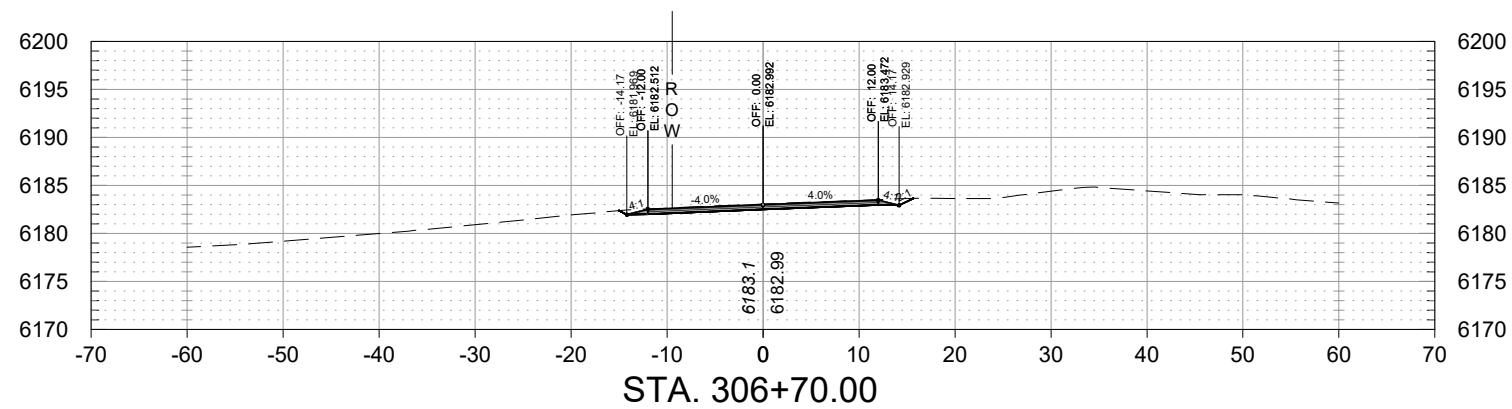
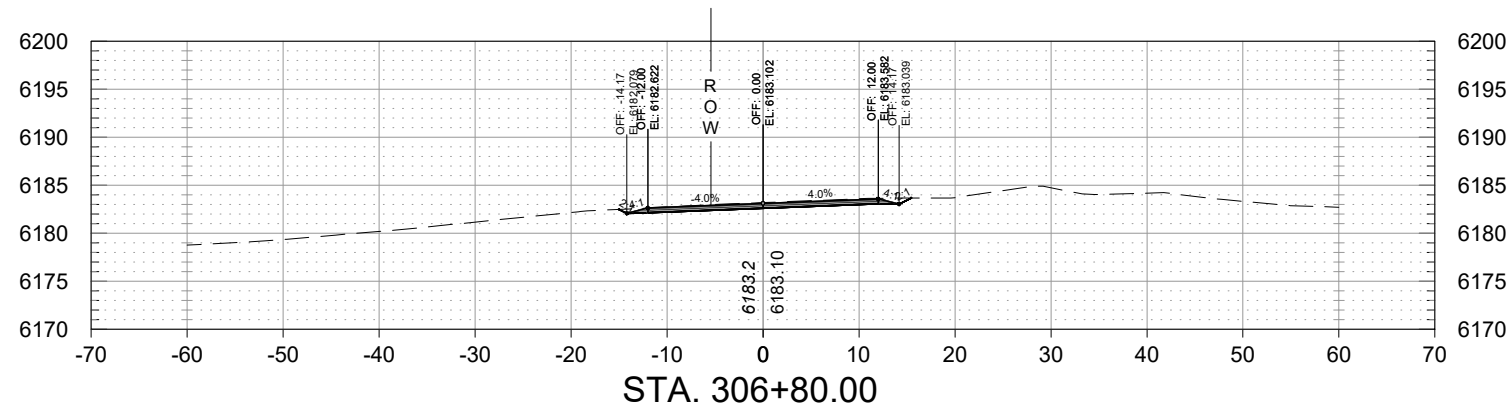
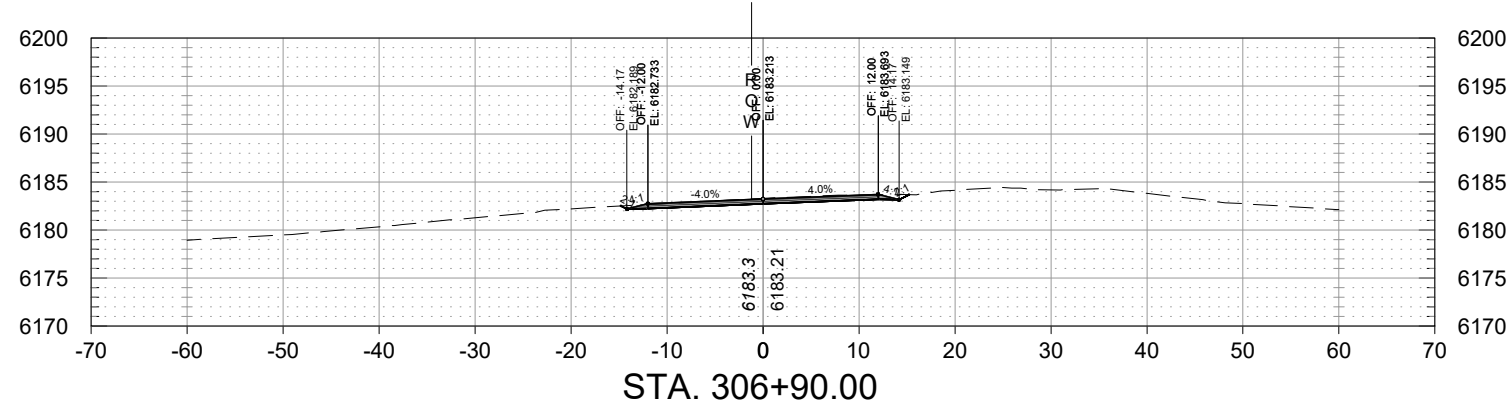
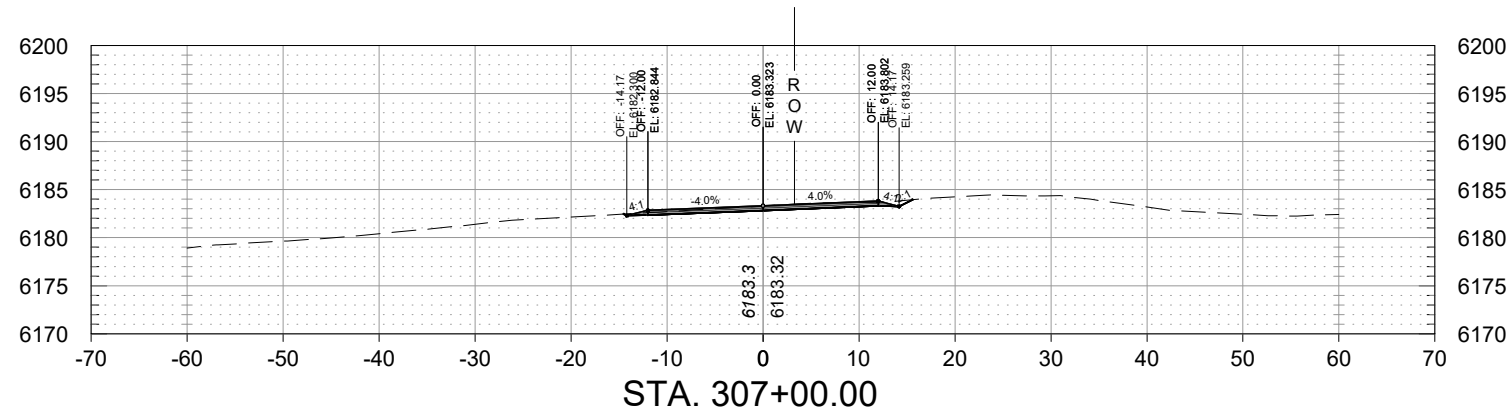


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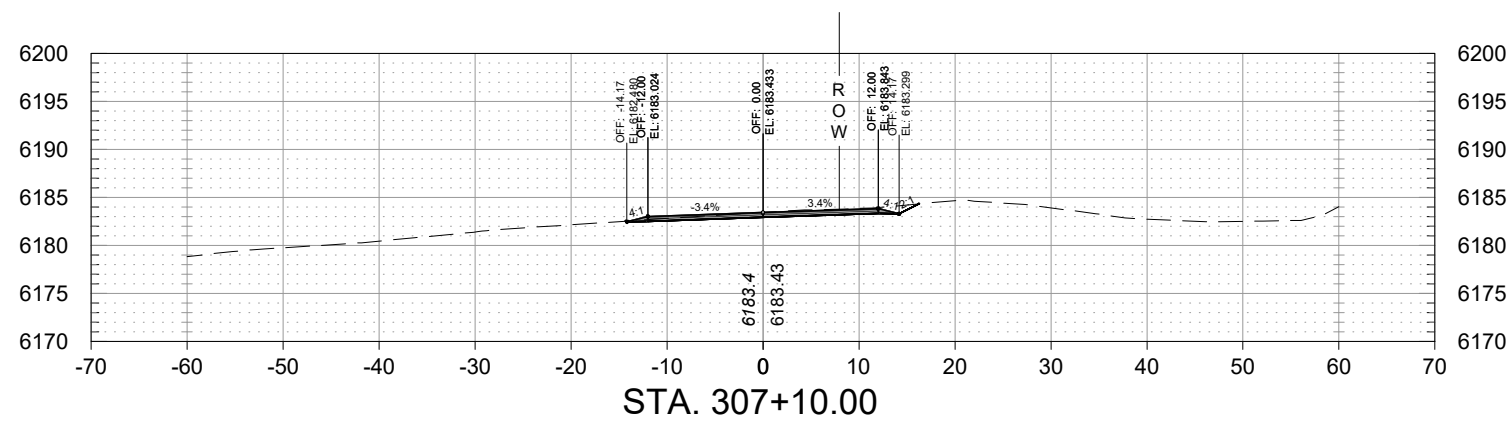
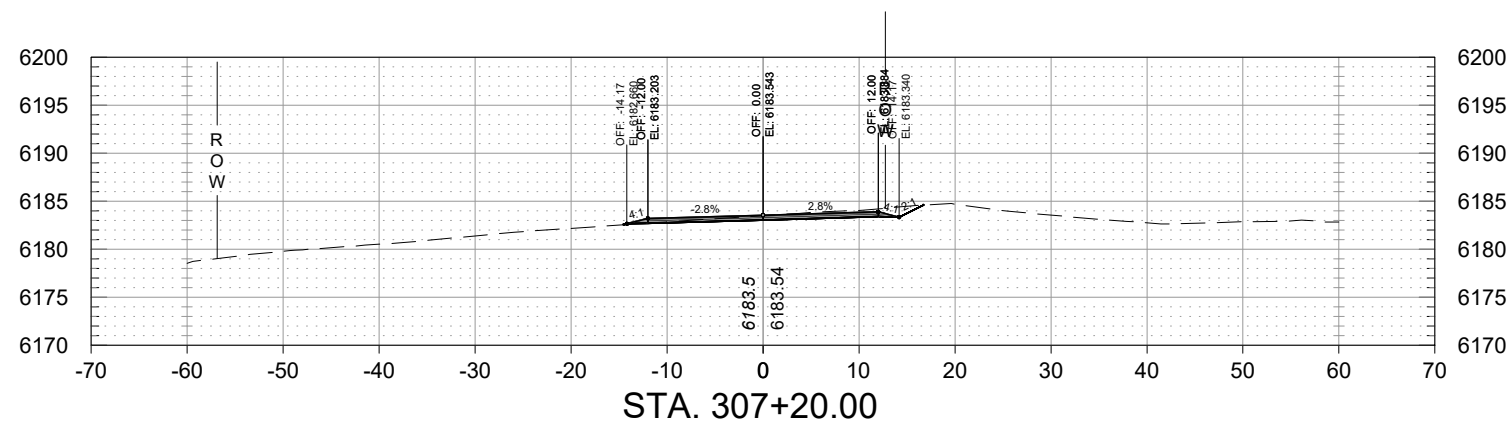
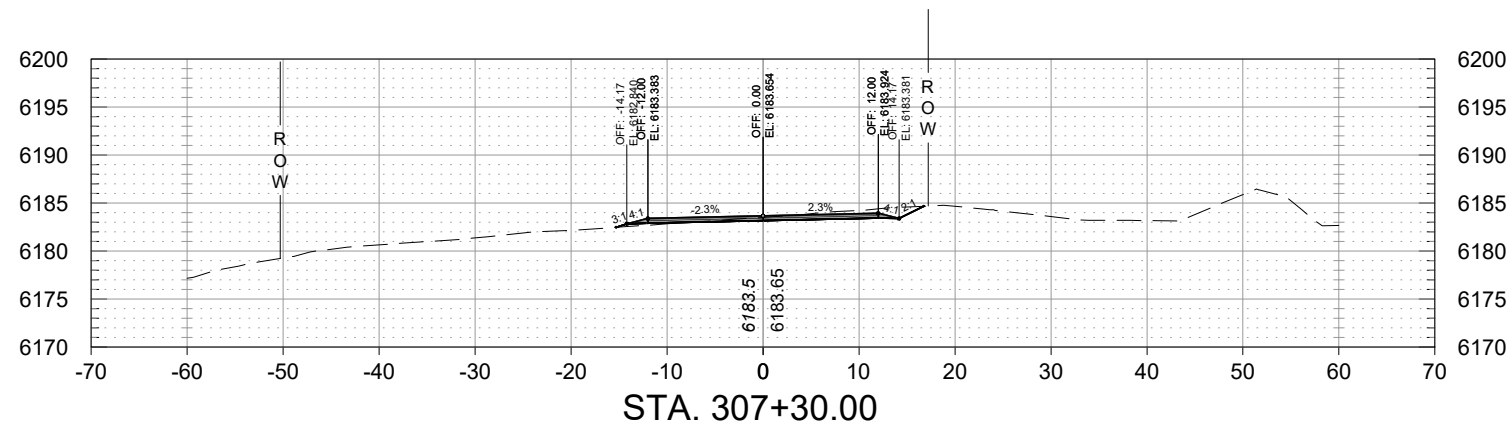
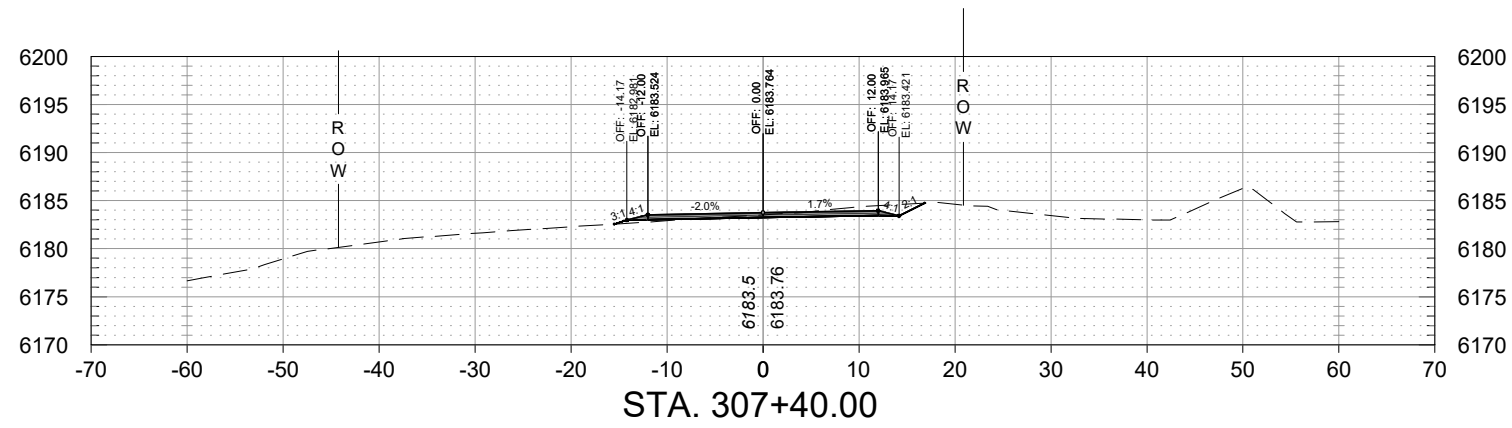
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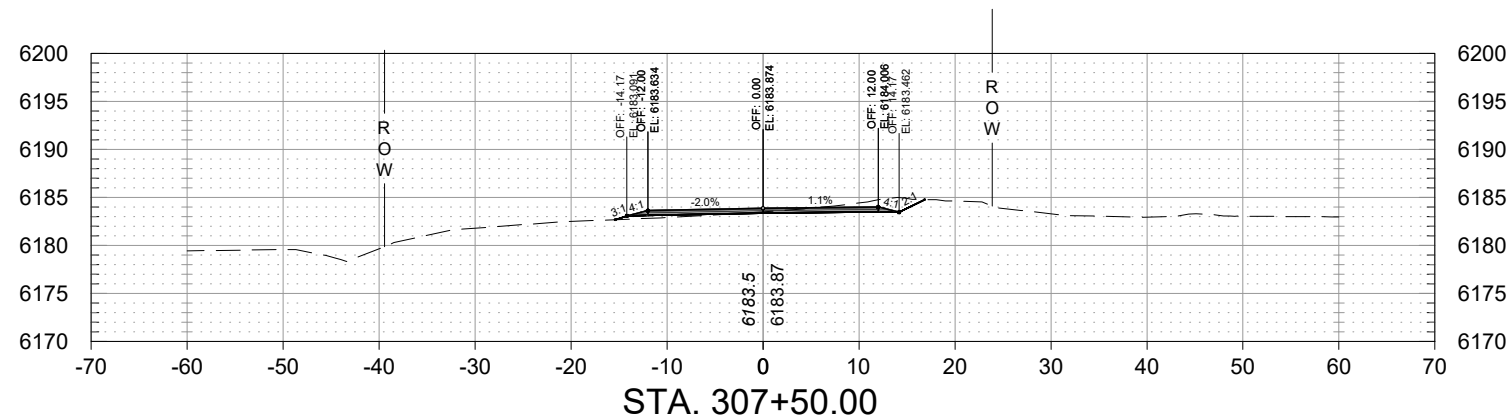
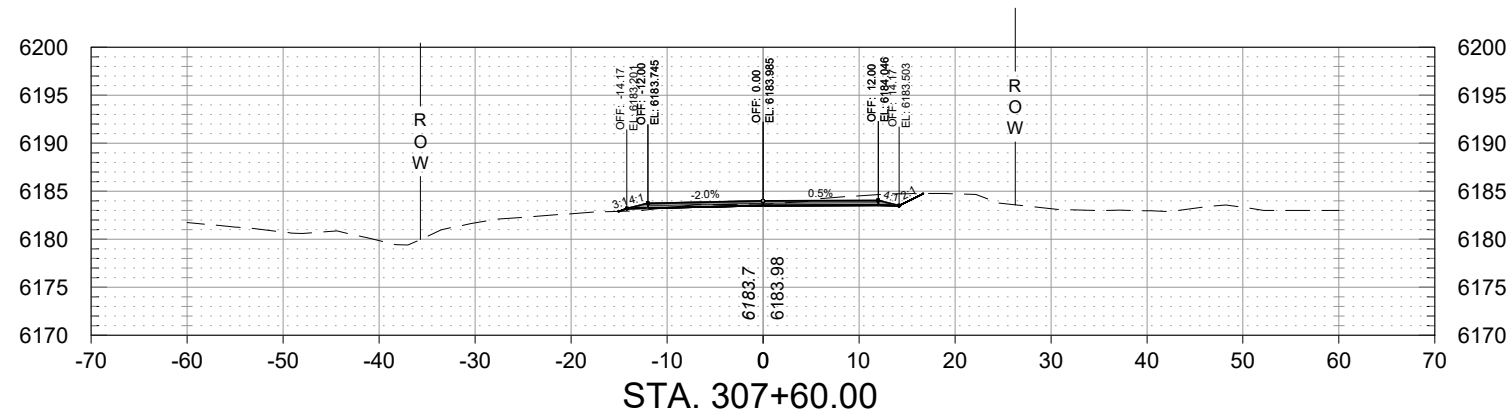
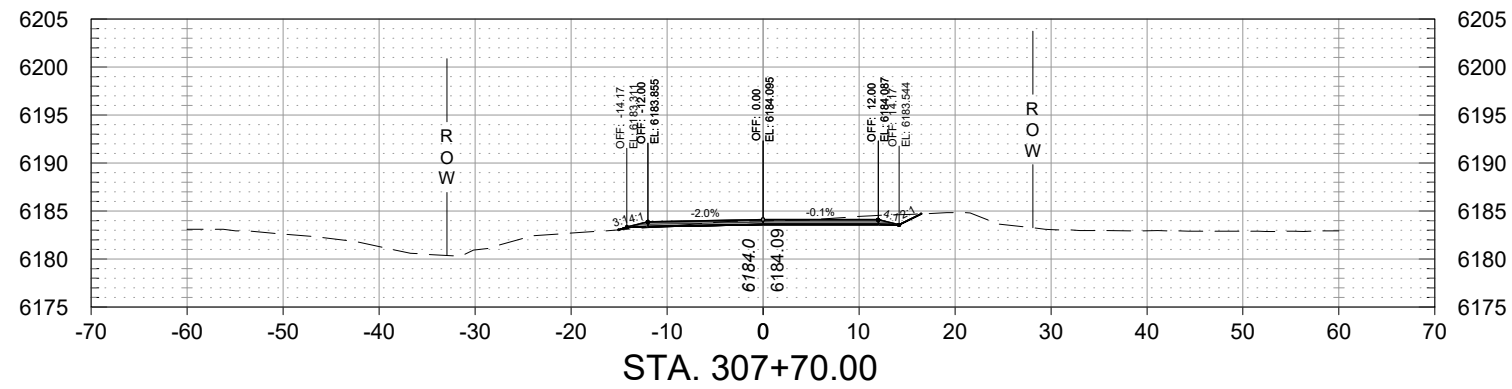
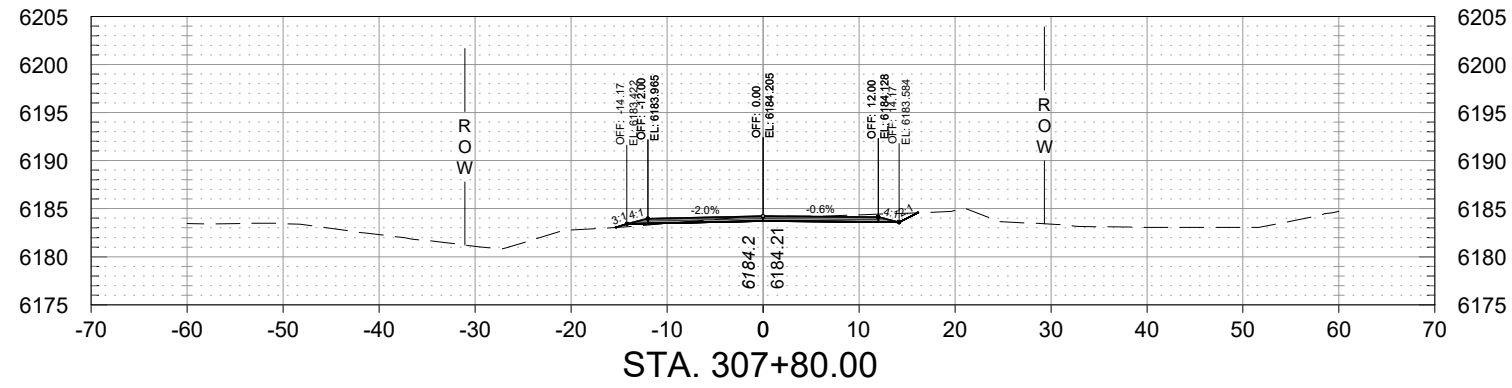


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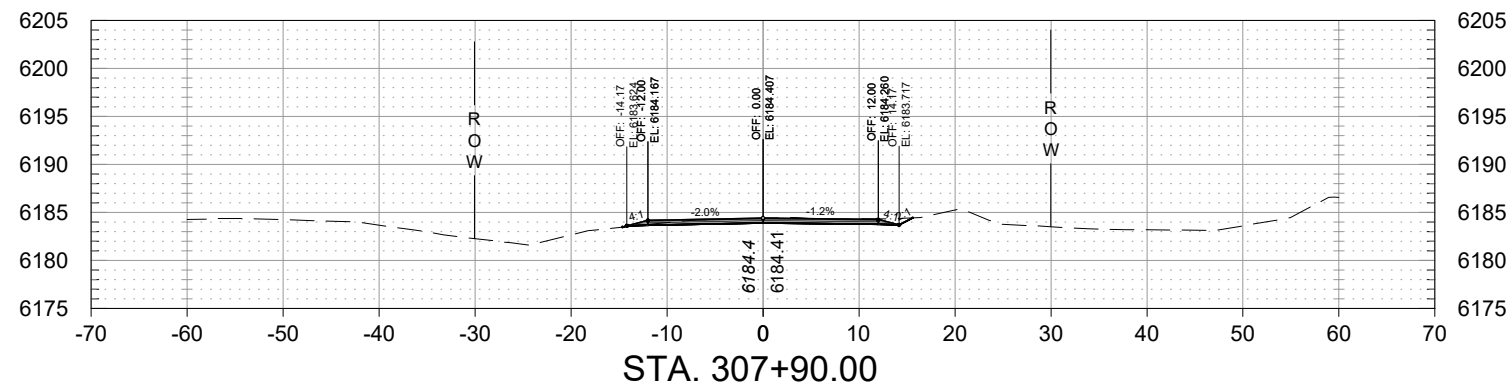
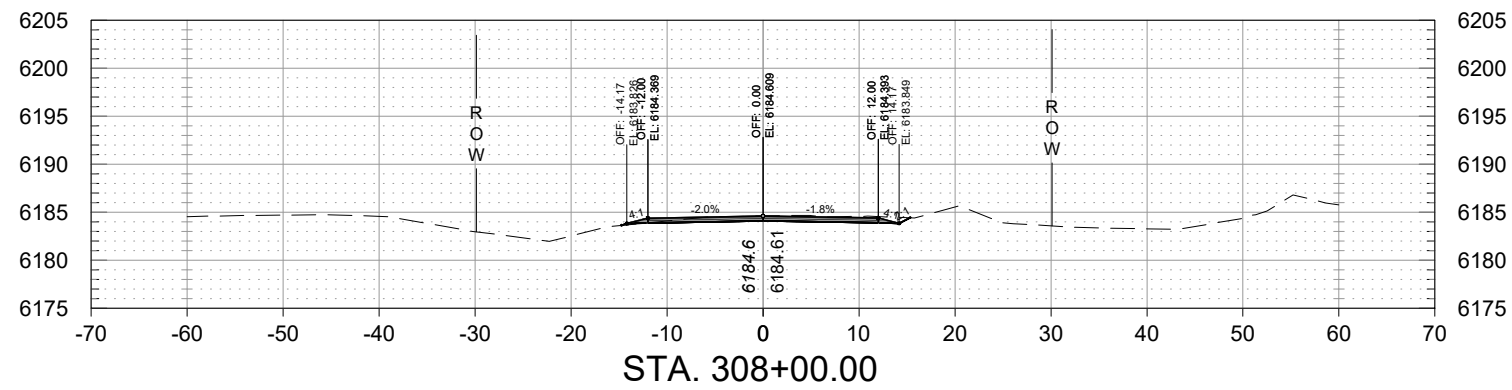
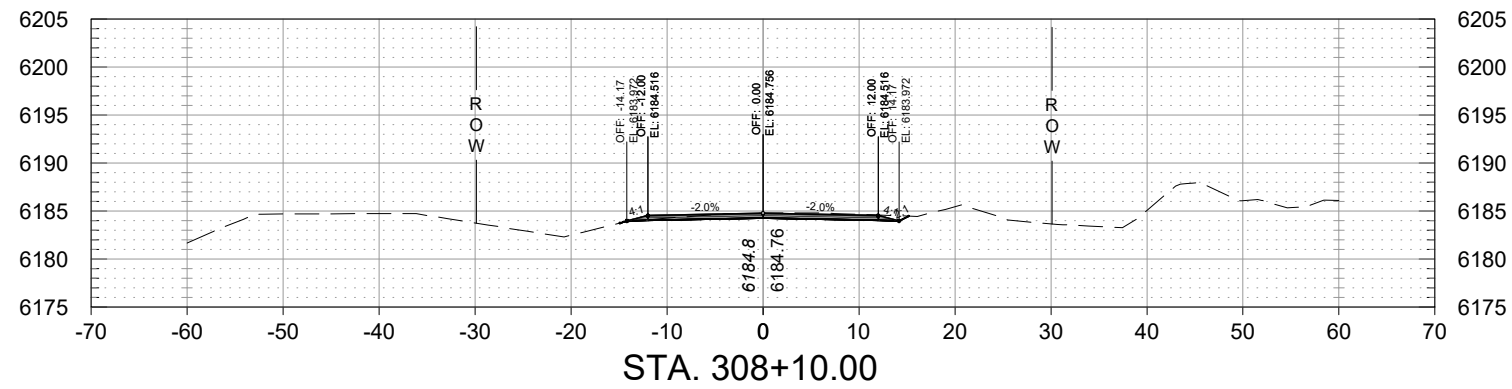
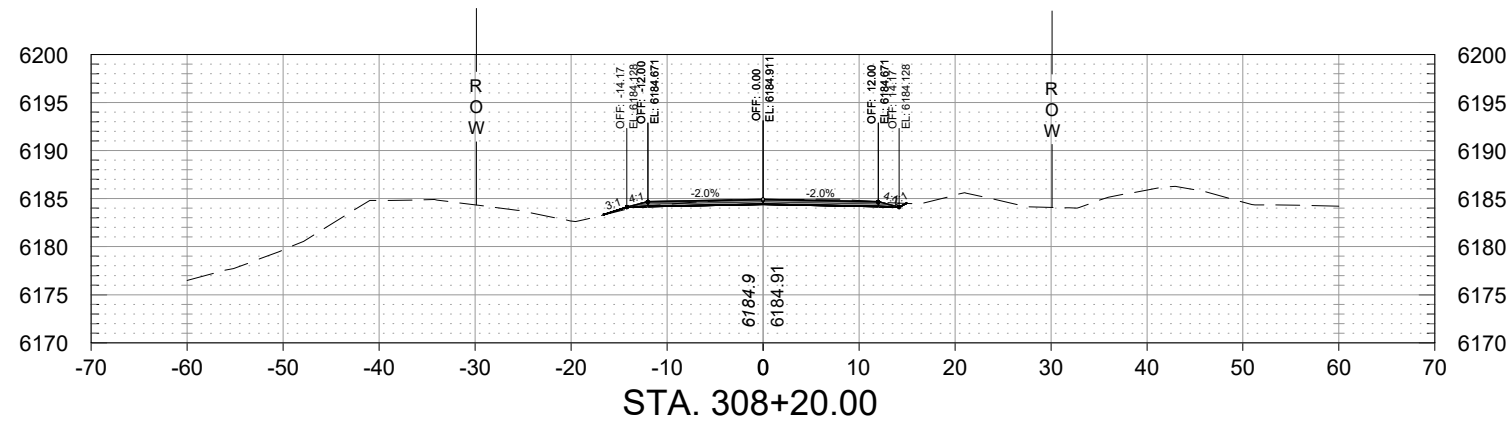


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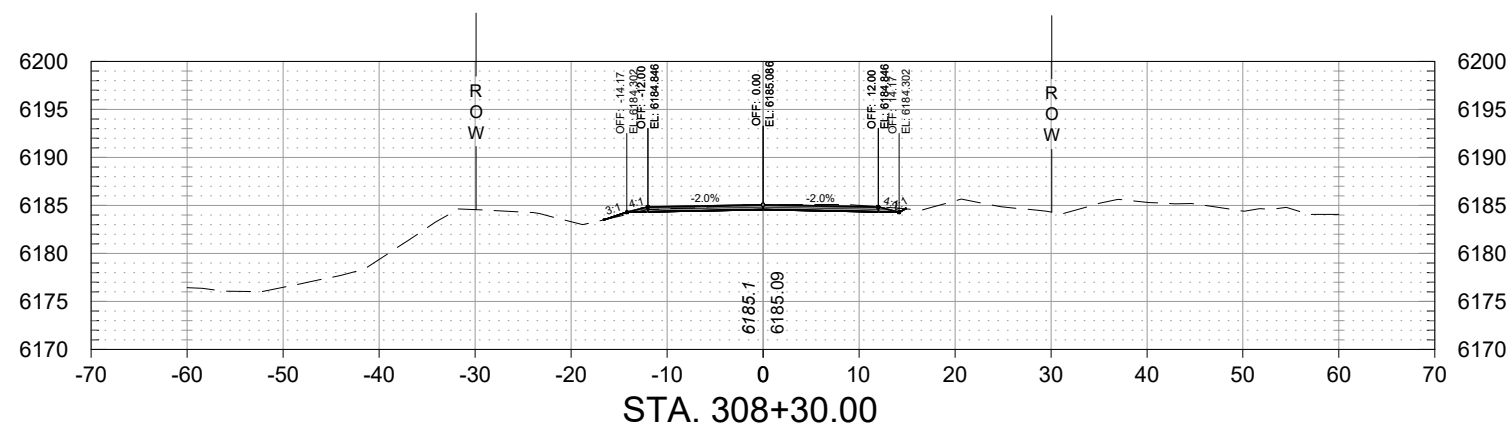
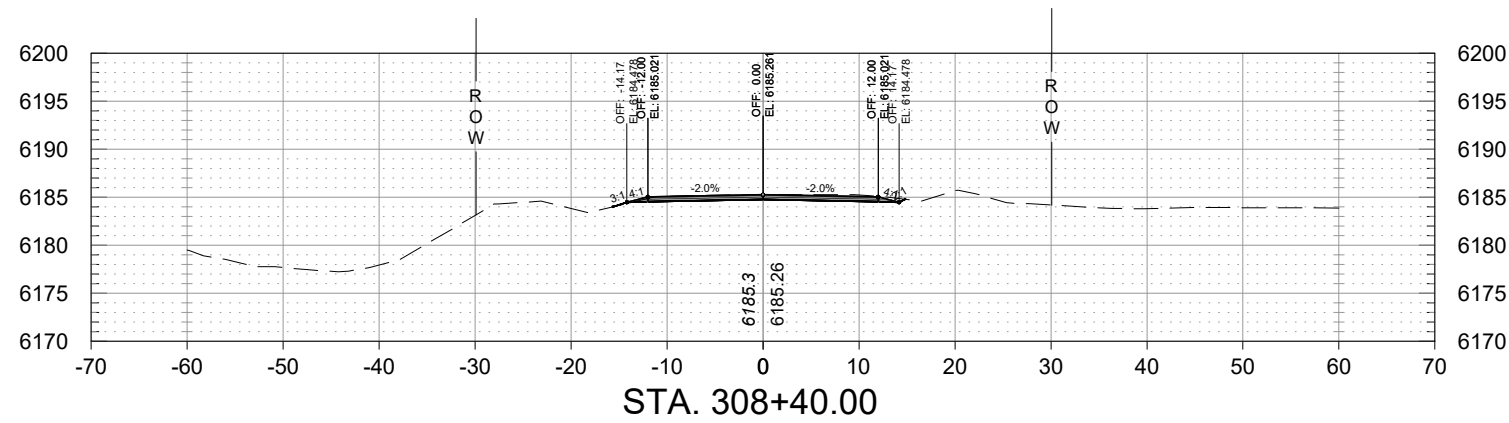
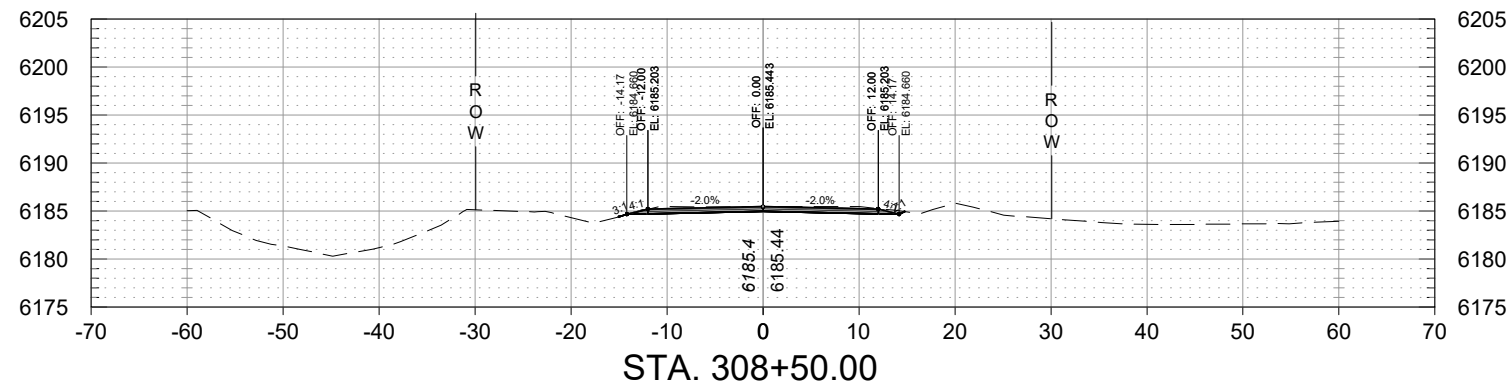
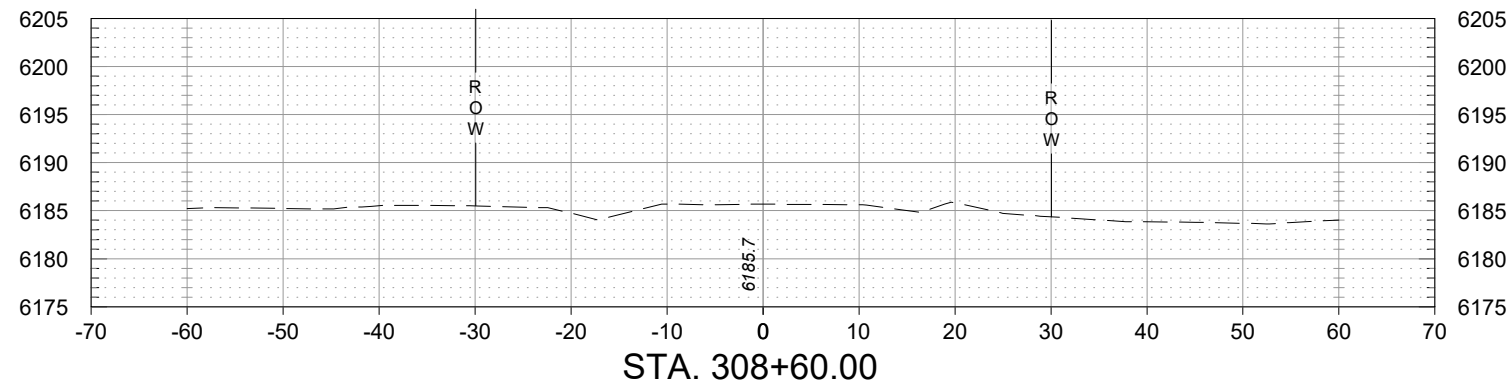


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