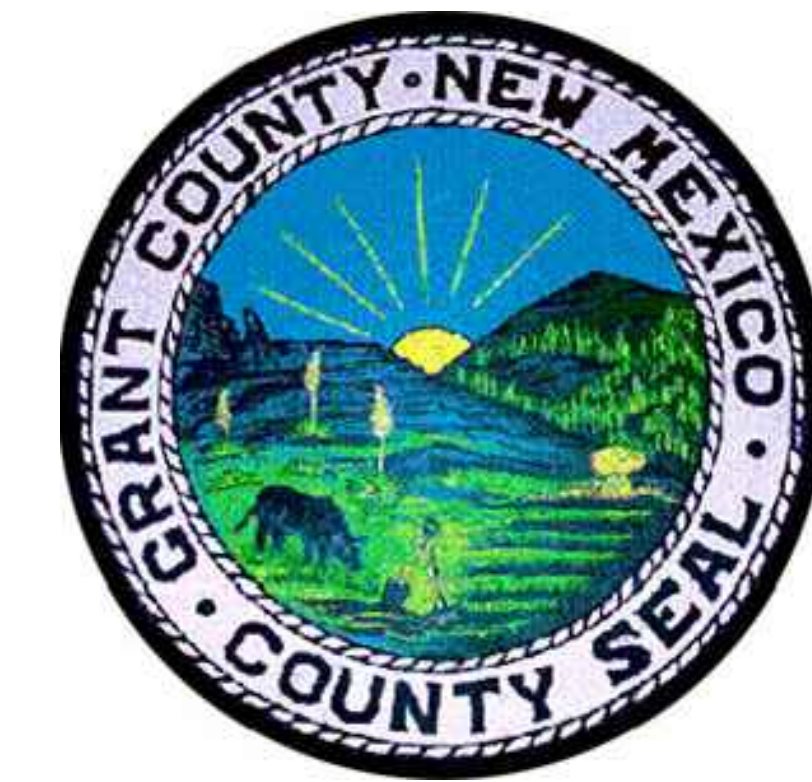
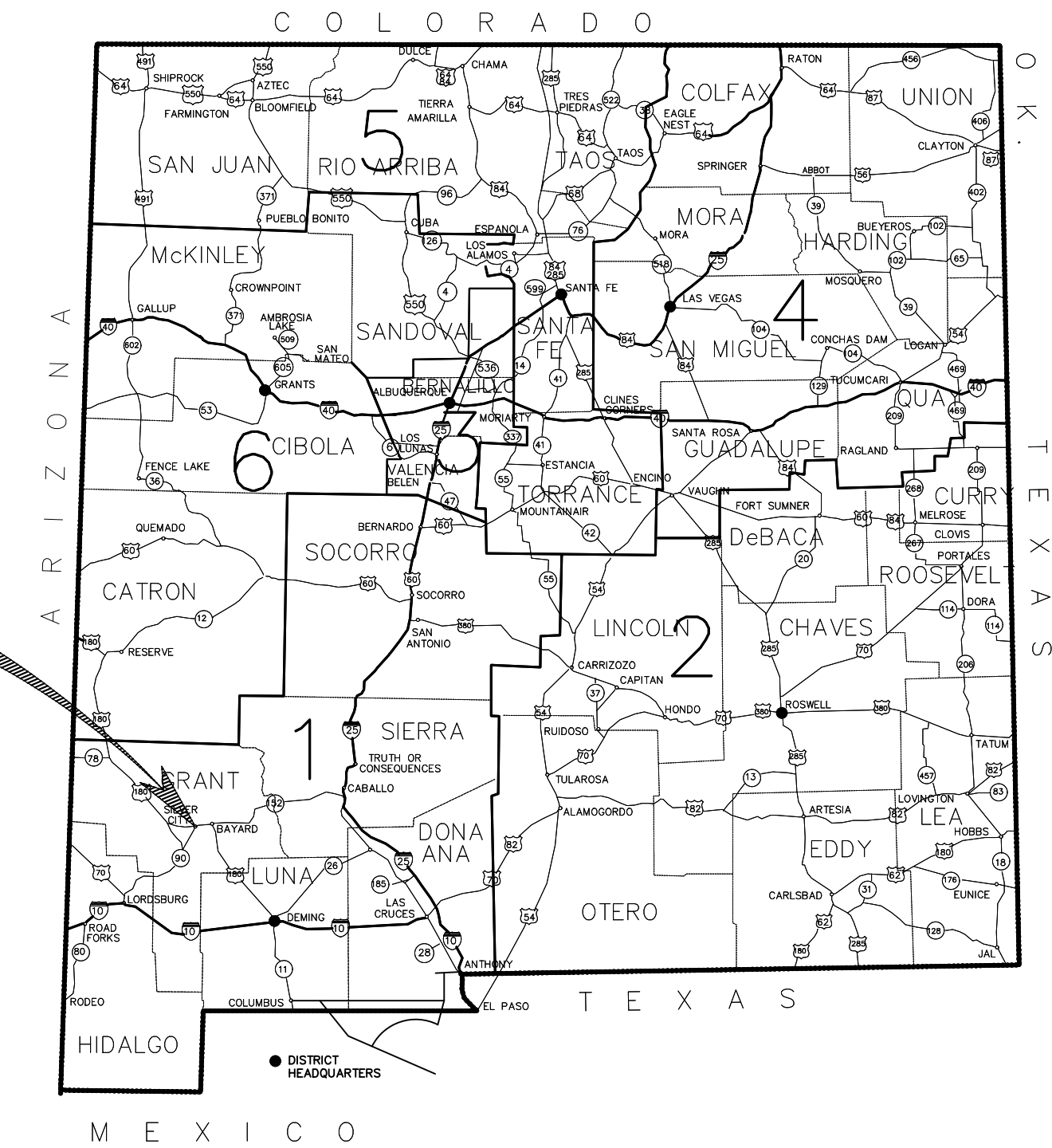


CONSTRUCTION PLANS FOR PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN PROJECT # 20210361 GRANT COUNTY, NEW MEXICO

INDEX OF SHEETS			
DWG NO.	SHEET NO.	DESCRIPTION	
1 SERIES			
1-01	1	COVER SHEET	
1-02	2	VICINITY MAP	
1-03	3	SUMMARY OF QUANTITIES	
1-04 TO 1-05	4 TO 5	MISCELLANEOUS QUANTITIES	
1-06	6	GENERAL NOTES	
			SUBTOTAL = 6
2 SERIES			
2-01 TO 2-02	7 TO 8	TYPICAL SECTIONS	
2-03	9	SURFACING SCHEDULE	
2-04	10	TEMPORARY EROSION SEDIMENT CONTROL PLAN	
			SUBTOTAL = 4
3 SERIES			
3-0 TO 3-00	11 TO 12	SURVEY CONTROL	
3-01 TO 3-02	13 TO 14	PLAN AND PROFILES	
			SUBTOTAL = 4
4 SERIES			
4-01 TO 4-05	15 TO 19	TURNOUT DETAILS	
			SUBTOTAL = 5
5 SERIES			
		NOT USED	
			SUBTOTAL = 0
6 SERIES			
6-01 TO 6-02	20 TO 21	SEQUENCE OF CONSTRUCTION WITH LAYOUT TYPICALS	
6-03	22	QUANTITIES	
			SUBTOTAL = 3
7 SERIES			
7-01	23	SIGNING QUANTITIES	
7-02	24	SIGN FACE DETAILS	
7-03	25	SIGNING AND STRIPING PLANS	
			SUBTOTAL = 3
8 SERIES			
		NOT USED	
			SUBTOTAL = 0
9 SERIES			
		NOT USED	
			SUBTOTAL = 0
10 SERIES			
10-1	26	DRAINAGE DETAILS	
			SUBTOTAL = 1
11 SERIES			
		NOT USED	
			SUBTOTAL = 0
12 SERIES			
		NOT USED	
			SUBTOTAL = 0
13 SERIES			
13-1 TO 13-5	27 TO 31	CROSS SECTIONS	
			SUBTOTAL = 5
			SUBTOTAL = 31
TOTAL SHEETS =			31

PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN
BHI 20210361
GRANT COUNTY, NM
BOP STA 100+00.00
EOP STA 124+00.00



ENGINEERS STAMP & SIGNATURE



NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
(1) PROGRESS PAYMENTS NO LATER THAN 30 DAYS AFTER THE DATE OF BILLING OR ESTIMATE IS RECEIVED.

Bohannon & Huston
www.bhinc.com 800.877.5332

**GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN**

COVER SHEET

BHI PROJECT NO.	20210361	DWG NO.	1-01	SHEET	01	OF	31
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SYMBOL LEGEND

- SEWER MANHOLE (EXISTING)
- SIGN (EXISTING)
- POWER POLE (EXISTING)
- FIRE HYDRANT (EXISTING)
- WATER METER (EXISTING)
- WATER VALVE (EXISTING)
- GAS METER (EXISTING)
- SURVEY CONTROL POINT (EXISTING)
- PROPERTY CORNER (EXISTING)
- GUY ANCHOR (EXISTING)
- PULL BOX (EXISTING)
- MAILBOX (EXISTING)
- BOLLARDS (EXISTING)
- SIGN (NEW)
- FIRE HYDRANT (NEW)
- MAILBOX (NEW)
- BOLLARDS (NEW)
- GAS METER (NEW)
- BIKE LANE PAVEMENT MARKING (NEW)
- DRAINAGE RIPRAP (NEW)

EXISTING UTILITIES LIFESTYLES

- EXISTING WATER LINE
- EXISTING SANITARY SEWER LINE
- EXISTING GAS LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING UNDERGROUND TELEPHONE/FIBER OPTIC LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING OVERHEAD TELEPHONE LINE
- EXISTING OVERHEAD CABLE-TV LINE

LIFESTYLES & DESCRIPTIONS

- EXISTING EDGE OF GRAVEL
- EXISTING EDGE OF ASPHALT
- EXISTING CULVERT
- EXISTING DITCH FLOWLINE
- EXISTING DOUBLE YELLOW STRIPE
- EXISTING CONTOURS MAJOR
- EXISTING CONTOURS MINOR
- EXISTING DRIVEPAD
- EXISTING HEADER CURB
- EXISTING SOLID WHITE
- EXISTING APPROXIMATE RIGHT OF WAY
- EXISTING FENCE LINE
- EXISTING WALL
- EXISTING RETAINING WALL
- PROPOSED EDGE OF ASPHALT
- PROPOSED CULVERT
- PROPOSED DITCH FLOWLINE
- PROPOSED CONTOURS MAJOR
- PROPOSED CONTOURS MINOR
- PROPOSED FILL SLOPE
- PROPOSED CUT SLOPE
- PROPOSED SAWCUT
- PROPOSED 12" STOP BAR

CONTACT INFORMATION

BOHANNAN HUSTON - PROJECT MANAGERS
 ALVIN DOMINGUEZ, PE (575)-640-9770
 LOGAN BRANDENBURG, PE (505)-823-1000

BOHANNAN HUSTON - DESIGNERS
 VERNON J RACEHORSE, PE (505)-823-1000
 VELIA MARQUEZ, EI (505)-823-1000

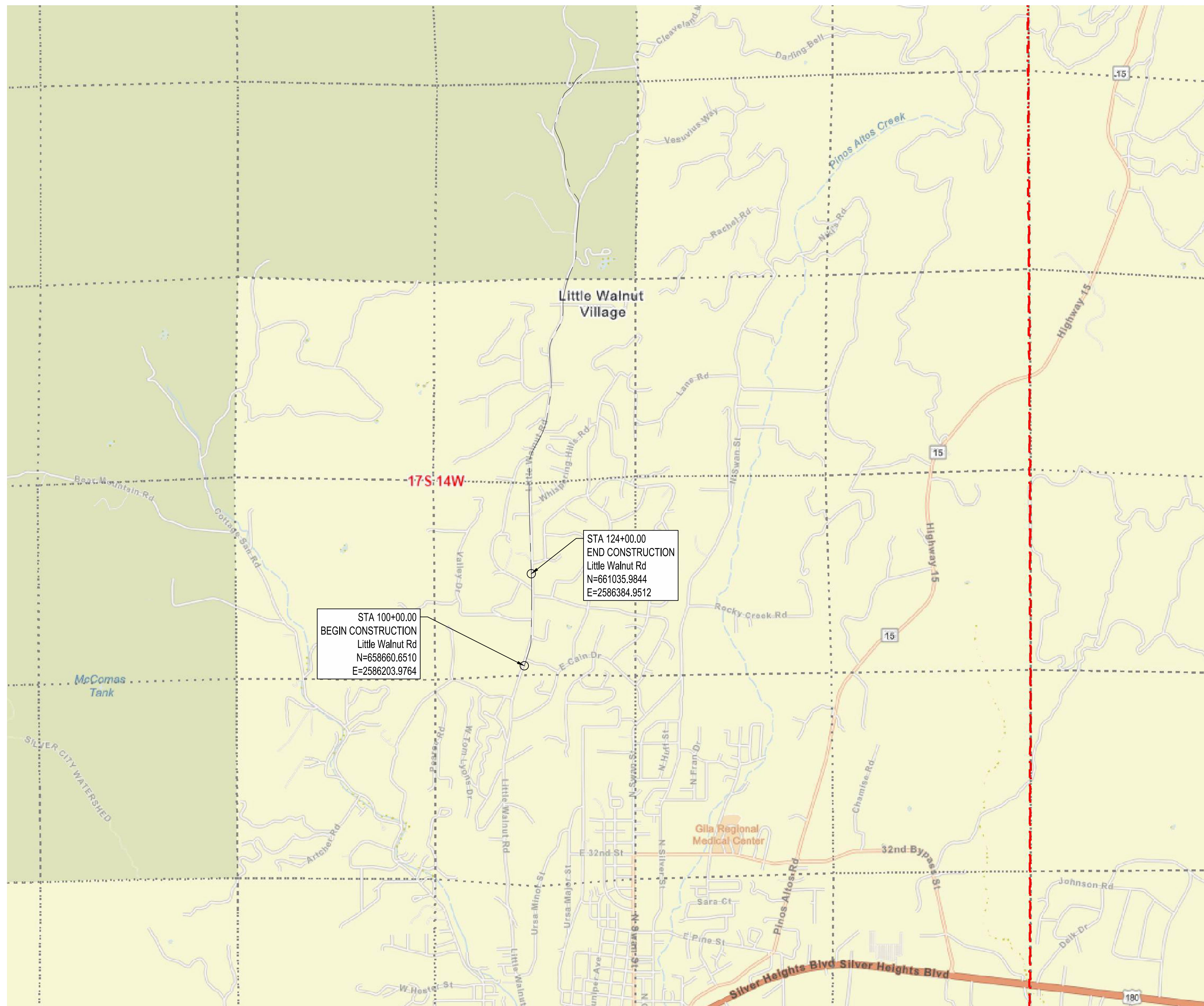
BOHANNAN HUSTON - CONSTRUCTION ENGINEER
 JUAN C. SAMANIEGO, PE (505)-823-1000

GRANT COUNTY ROAD SUPERINTENDENT
 JOE GRIJALVA, (575)-538-3316

GRANT COUNTY PLANNING & COMMUNITY DEVELOPMENT DIRECTOR
 RANDY HERNANDEZ, CPO (575)-574-0007

LENGTH OF PROJECT, 0.455 MILES

THIS PROJECT BEGINS IN T.17.S, R.14.W, SECTION 22
 THIS PROJECT ENDS IN T.17.S, R.14.W, SECTION 22



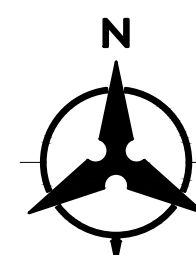
VICINITY MAP

PROJECT INTENT

RECONSTRUCTION AND WIDENING OF LITTLE WALNUT ROAD INCLUDING WIDENING OF EXISTING DRIVING LANES TO 11', NEW 5' PAVED SHOULDERS, TRAFFIC CONTROL PLAN FOR CONSTRUCTION, TYPICAL SECTIONS, TURNOUT PROFILES, DRAINAGE IMPROVEMENTS AND PERMANENT SIGNING AND STRIPING PLANS.

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GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN

VICINITY MAP

BHI PROJECT NO. 20210361 DWG NO. 1-02 SHEET 2 OF 31

BENCH MARKS

BENCH MARK LINE 1
BENCH MARK LINE 2
BENCH MARK LINE 3
BENCH MARK LINE 4
BENCH MARK LINE 5
BENCH MARK LINE 6
BENCH MARK LINE 7
BENCH MARK LINE 8
BENCH MARK LINE 9

ENGINEER'S SEAL

AS-BUILT INFORMATION

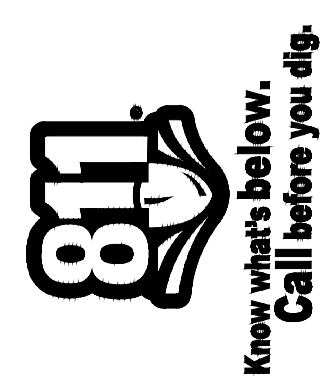
CONTRACTOR	DATE	WORK STARTED BY	DATE	INSPECTORS ACCEPTANCE BY	DATE	FIELD VERIFICATION BY	DATE	DESIGNING CORRECTED BY	DATE

REVISIONS

NO.	DATE	BY

DESIGN

DESIGNED BY	CHECKED BY	DRAWN BY
VR	JLB	VM

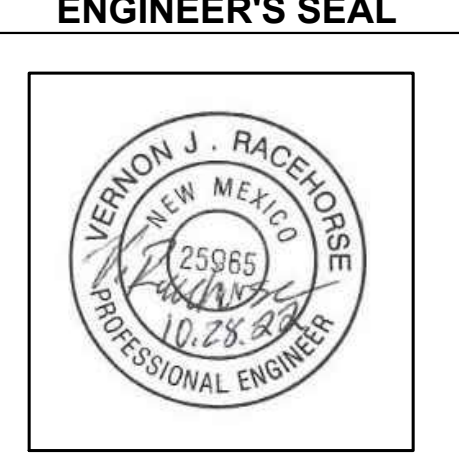




SUMMARY OF QUANTITIES

NUMBER	ITEM SPECIFICATIONS DESCRIPTION	UNIT	ROADWAY		PERMANENT SIGNING		CONSTRUCTION ENGINEERING		PROJECT TOTAL	
			ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL
201000	CLEARING AND GRUBBING	L.S.	1						L.S.	
203000	UNCLASSIFIED EXCAVATION	CU.YD.	4,900						4,900	
203211	UNSTABLE SUBGRADE STABILIZATION	SQ.YD.	2,120						2,120	
203301	ROCK EXCAVATION	CU.YD.	254						254	
207000	SUBGRADE PREPARATION	SQ.YD.	14,065						14,065	
303000	BASE COURSE	TON	4,285						4,285	
407000	ASPHALT MATERIAL FOR TACK COAT	TON	3						3.0	
408100	PRIME COAT MATERIAL	TON	23						23	
414155	COLD MILLING (ASPHALT) 5 1/2"	SQ.YD.	6,500						6,500	
416104	MINOR PAVING TYPE I, HMA SP-IV	TON	2,530						2,530	
570030	30" CULVERT PIPE	LIN.FT.	84						84	
570031	30" CULVERT PIPE END SECTION	EACH	4						4	
601000	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.S.	1						L.S.	
602020	RIPRAP CLASS C	CU.YD.	6						6	
603150	SOIL RETENTION BLANKET	SQ.YD.	4						4	
603262	COMPOSTED MULCH SOCKS	LIN.FT.	728						728	
603281	SWPPP PLAN PREPARATION AND MAINTENANCE	L.S.	1						L.S.	
606598	TCWB RETAINED BY THE CONTRACTOR	LIN.FT.					200		200	
606599	RESETTING OF TCWB	LIN.FT.					800		800	
607220	REMOVE AND REBUILD CHAIN LINK FENCE	LIN.FT.	100						100	
609636	CONCRETE VALLEY GUTTER 6" X 36"	LIN.FT.	138						138	
613000	CLEANING CULVERTS AND DRAINAGE STRUCTURES	L.S.	1						L.S.	
618000	TRAFFIC CONTROL MANAGEMENT	L.S.					1		L.S.	
621000	MOBILIZATION	L.S.	1						L.S.	
632000	CLASS A SEEDING	ACRE	1						1	
632020	CLASS C SEEDING	ACRE	1						1	
662400	MANHOLE ADJUSTMENT	EACH	5						5	
663105	REMOVE AND RESET EXISTING FIRE HYDRANT	EACH	1						1	
663850	WATER VALVE ADJUSTMENT	EACH	2						2	
663865	ADJUST WATER METER TO GRADE	EACH	7						7	
667110	MAIL BOX INSTALLATION-SINGLE	EACH	7						7	
667130	MAIL BOX INSTALLATION-MULTIPLE	EACH	2						2	
701000	PANEL SIGNS	SQ.FT.			160				160	
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	LIN.FT.			310				310	
702000	CONSTRUCTION SIGNING	SQ.FT.					567		567	
702100	STEEL POSTS AND BASE POSTS FOR CONSTRUCTION SIGNING	LIN.FT.					598		598	
702110	PORTABLE SIGN SUPPORT	EACH					3		3	
702238	BARRICADE, TYPE III-8'	EACH					9		9	
702525	CHANNELIZATION DEVICES TYPE DRUM	EACH					175		175	
703002	OBJECT MARKER TYPE 2	EACH	28						28	
703400	1/10TH MILE DELINEATOR	EACH	25						25	
704000	RETROREFLECTORIZED PAINTED MARKINGS 4"	LIN.FT.			36,000				36,000	
704005	RETROREFLECTORIZED PAINTED MARKINGS 24"	LIN.FT.			80				80	
704099	TEMPORARY RETROREFLECTORIZED PAINTED MARKINGS 4"	LIN.FT.					31,200		31,200	
720060	VEHICULAR IMPACT ATTENUATOR UNIT - WORK ZONES	EACH					2		2	
720110	REMOVE/RESET IMPACT ATTENUATOR UNIT	EACH					8		8	
721000	REMOVAL OF PAVEMENT MARKING	LIN.FT.					600		600	
801000	CONSTRUCTION STAKING BY THE CONTRACTOR	L.S.	1						L.S.	
950110	UNIQUE ITEM 1 - TRAFFIC CONTROL PLAN	L.S.	1						L.S.	

BENCH MARK LINE 1
BENCH MARK LINE 2
BENCH MARK LINE 3
BENCH MARK LINE 4
BENCH MARK LINE 5
BENCH MARK LINE 6
BENCH MARK LINE 7
BENCH MARK LINE 8
BENCH MARK LINE 9



CONTRACTOR	DATE	INSPECTORS ACCEPTANCE BY	DATE	FIELD VERIFICATION BY	DATE	DRAWINGS CORRECTED BY	DATE

DESIGN	DESIGNED BY	CHECKED BY	DRAWN BY

REVISIONS	NO.	DATE	BY

NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
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GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN

SUMMARY OF QUANTITIES

BHI PROJECT NO. 20210361 DWG NO. 1-03 SHEET 3 OF 31



STRUCTURE SCHEDULE

ID	STATION	TO	STATION	LOC.	OFFSET (FT)	STRUCTURE NOTES	609636	570030	570031	602020	603150	613000	REMARKS
							CONCRETE VALLEY GUTTER 6" X 36"	30" CULVERT PIPE	30" CULVERT PIPE END SECTION	RIPRAP CLASS C	SOIL RETENTION BLANKET	*CLEANING CULVERTS AND DRAINAGE STRUCTURES	
DS-01	102+41.86			CL	-	STA 102+41.86 REMOVE EXISTING 1-30"x60.6" CMP BUILD 1-30"x72" CMP CULVERT PIPE. INSTALL END SECTIONS AT BOTH ENDS. CLASS "C" RIPRAP AT BOTH ENDS OVER SOIL RETENTION BLANKETS.		72	2	0.7	2.0	X	CLEAN EXISTING
DS-02	109+70.80			CL	-	STA 109+70.8 CLEAN EXISTING 1-30"x50.9" CMP. REMOVE 2' FROM WEST SIDE OF EXISTING PIPE 1-30"x50.9" CMP. BUILD 1-30"x12" CMP CULVERT PIPE EXTENSION ON WEST SIDE. INSTALL END SECTIONS AT BOTH ENDS. CLASS "C" RIPRAP AT BOTH ENDS OVER SOIL RETENTION BLANKETS.		12	2	0.7	2.0	X	CLEAN EXISTING
DS-03	110+12.50	-	110+42.28	LT	39.00	STA 110+12.5 - 110+42.28 REMOVE EXISTING 1-24"x29.8" CMP BUILD 1-6"x36" VALLEY GUTTER	29.8						REMOVE EXISTING
DS-04	111+98.47	-	112+28.47	LT	32.83	STA 111+98.47 - 112+28.47 REMOVE EXISTING 1 - 18"x20.1" CMP BUILD 1-6"x36" VALLEY GUTTER	30.0						REMOVE EXISTING
DS-05	118+26.10	-	118+76.17	LT	34.26	STA 118+26.1 - 118+76.17 REMOVE EXISTING 1-30"x49.2" CMP BUILD 1-6"x36" VALLEY GUTTER	50.1						REMOVE EXISTING
DS-06	122+68.36	-	122+96.38	RT	25.89	STA 122+68.36 - 122+96.38 REMOVE EXISTING 1-12"x28.1" CMP BUILD 1-6"x36" VALLEY GUTTER	28.0						REMOVE EXISTING
SUBTOTAL							137.9	84	4	1.33	4.00	X	
TOTAL							138.0	84.0	4.0	2.0	4.0	-	

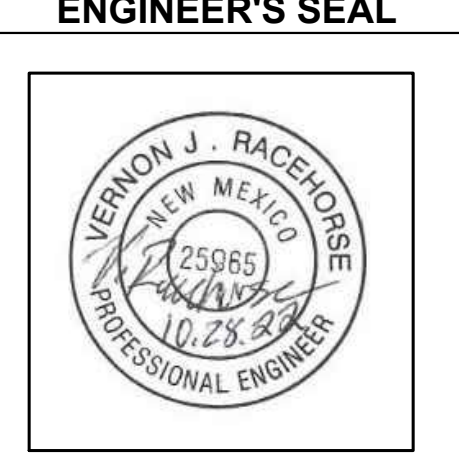
*CONTRACTOR IS TO CLEAN EXISTING PIPES TO REMAIN BEFORE THE PROPOSED UPGRADES ARE MADE, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL PIPES REMAIN CLEAN UNTIL PROJECT CLOSE.

601000 REMOVAL OF STRUCTURES AND OBSTRUCTIONS (L.S.)

EXISTING PIPE REMOVAL						EXISTING SIGNS REMOVAL					EXISTING MAILBOX REMOVAL							
STATION	TO	STATION	LOC	QUANTITY	UNITS	REMARKS	APROX STATION	LOC	QUANTITY	UNITS	REMARKS	APROX STATION	LOC	QUANTITY	UNITS	REMARKS		
102+42				61.0	LF	DS-01 (30" EXISTING CMP)	100+50	LT	1	EA	EXISTING SIGN AND POLE	107+20	RT	1	EA	SINGLE MAILBOX		
109+71				2.0	LF	DS-02 (30" EXISTING CMP)	101+20	RT	1	EA	EXISTING SIGN AND POLE	108+30	RT	1	EA	SINGLE MAILBOX		
110+13	-	110+42	LT	30.0	LF	DS-03 (24" EXISTING CMP)	101+70	LT	1	EA	EXISTING SIGN AND POLE	110+00	LT	1	EA	SINGLE MAILBOX		
114+98	-	112+28	LT	20.1	LF	DS-04 (18" EXISTING CMP)	103+00	RT	1	EA	EXISTING SIGN AND POLE	119+00	RT	1	EA	SINGLE MAILBOX		
118+26	-	118+76	LT	49.2	LF	DS-05 (30" EXISTING CMP)	103+20	LT	1	EA	EXISTING SIGN AND POLE	123+15	RT	1	EA	SINGLE MAILBOX		
122+68	-	122+96	RT	28.1	LF	DS-06 (12" EXISTING CMP)	105+40	RT	1	EA	EXISTING SIGN AND POLE							
							107+65	RT	1	EA	EXISTING SIGN AND POLE							
							109+40	RT	1	EA	EXISTING SIGN AND POLE							
							110+00	LT	2	EA	EXISTING SIGN AND POLE							
							117+05	RT	2	EA	EXISTING SIGN AND POLE							
							118+20	LT	1	EA	EXISTING SIGN AND POLE							
							112+60	LT	1	EA	EXISTING SIGN AND POLE							
							112+60	RT	1	EA	EXISTING SIGN AND POLE							
TOTAL				190	LF		TOTAL				15	EA	TOTAL				5	EA

PROJECT USE = 1 LS

BENCH MARKS								
BENCH MARK LINE 1								
BENCH MARK LINE 2								
BENCH MARK LINE 3								
BENCH MARK LINE 4								
BENCH MARK LINE 5								
BENCH MARK LINE 6								
BENCH MARK LINE 7								
BENCH MARK LINE 8								
BENCH MARK LINE 9								



AS-BUILT INFORMATION									
CONTRACTOR	DATE	CONTRACTOR	DATE	CONTRACTOR	DATE	CONTRACTOR	DATE	CONTRACTOR	DATE
WORK STARTED BY	DATE	INSPECTORS ACCEPTANCE BY	DATE	FIELD VERIFICATION BY	DATE	DRAWINGS CORRECTED BY	DATE		

REVISIONS									
NO.	DATE	BY	DESCRIPTION	NO.	DATE	BY	DESCRIPTION	NO.	DATE

NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
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DESIGN			
DESIGNED BY	VR	CHECKED BY	JLB
DRAWN BY	VM		

GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN

MISCELLANEOUS QUANTITIES

BHI PROJECT NO.	20210361	DWG NO.	1-05	SHEET	5	OF	31
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GENERAL NOTES

1. ALL STREET WORK IS TO BE PERFORMED IN CONFORMANCE WITH NEW MEXICO STATE HIGHWAY & TRANSPORTATION DEPT. 2019 STANDARD SPECIFICATIONS UNLESS OTHERWISE PROVIDED.

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

3. THE BID FOR ITEM 950110 UNIQUE ITEM - TRAFFIC CONTROL PLANS CONSISTS OF CONSTRUCTING A TRAFFIC CONTROL PLAN FOR THE WORK SPECIFIED IN THIS CONTRACT. THE SUGGESTED TRAFFIC CONTROL PLANS INCLUDED IN THIS PLAN SET ARE FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH FINAL TRAFFIC CONTROL PLANS TO BE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, TOOLS, LABOR, EQUIPMENT AND ANY OTHER APPURTENANCES NECESSARY TO COMPLETE THE WORK. FLAGGING SHALL BE PROVIDED AS REQUIRED FOR SAFETY AND/OR AS DIRECTED BY THE ENGINEER, WITH NO SEPARATE PAYMENT PROVIDED. THE TRAFFIC CONTROL PLAN MUST CONFORM TO THE SPECIFICATIONS SET FORTH IN THE MUTCD AND BE APPROVED BY THE ENGINEER BEFORE IMPLEMENTATION. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES IN THIS CONTRACT SHALL BE PROVIDED WITH HIGH RETROREFLECTIVITY SHEETING. AT LEAST ONCE A WEEK THROUGH THE LIFE OF THE PROJECT, THE CONTRACTOR SHALL KEEP THE LOCAL NEWS MEDIA INFORMED OF ANY LANE CLOSURE WHICH WILL RESTRICT THE NORMAL FLOW OF TRAFFIC. THERE WILL BE NO DIRECT COMPENSATION FOR THIS WORK.

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

5. EXISTING UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE AND ARE FOR INFORMATION ONLY. THE ENGINEER MAKES NO REPRESENTATION AS TO THE VALIDITY OR ACCURACY OF THE INFORMATION PROVIDED. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING LOCATIONS FROM UTILITY OWNERS AND MAKING SUCH FURTHER INVESTIGATIONS AS NECESSARY IN ORDER TO LOCATE SUCH PERMANENT AND TEMPORARY UTILITY APPURTENANCES PRIOR TO INITIATING EARTHWORK OPERATIONS. FOR 'LOCATES' OF UNDERGROUND UTILITIES, CONTRACTOR SHALL CONTACT THE 'NEW MEXICO ONE CALL SYSTEM, INC.', 1-800-321-2537.

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

7. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION AND OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES. ANY OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL STAY WITHIN PROJECT RIGHT-OF-WAY AND MUST BE OUTSIDE THE ROADWAY CLEAR ZONE (ASSUMED TO BE 12'-14' FROM EDGE OF TRAVEL WAY).

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

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

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

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR OWN PROCESS QUALITY CONTROL TESTING. PROCESS QUALITY CONTROL TESTING WILL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR. THE OWNER OR ITS REPRESENTATIVE SHALL BE RESPONSIBLE FOR OBTAINING QUALITY ASSURANCE TESTING.

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

13. WHEN ABUTTING NEW CONSTRUCTION TO EXISTING, SAWCUT EXISTING PAVEMENT TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING. PRIOR TO SAWCUTTING, THE CONTRACTOR SHALL MARK THE SAWCUT LINE AND REVIEW ITS LOCATION WITH THE PROJECT REPRESENTATIVE IN THE FIELD SO ADJUSTMENTS CAN BE MADE, IF NECESSARY. MARKING, REVIEWING AND SAWCUTTING EXISTING PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE WORK. NO SEPARATE PAYMENT WILL BE MADE.

14. SURFACING IS TO BE FEATHERED AT TURNOUTS AND INTERSECTIONS, SO THERE IS NO ABRUPT CHANGE IN RIDING SURFACE. COST FOR THIS WORK SHALL BE INCIDENTAL.

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

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

17. ALL EXISTING BENCHMARKS WITHIN THE PROJECT AREA SHALL REMAIN AND BE PROTECTED IN PLACE DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE ANY BENCHMARKS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY AT THE CONTRACTOR'S OWN EXPENSE.

18. MINOR PAVEMENT (SP-IV) SHALL BE LAID OVER ENTIRE WIDTH OF ROADWAY TO CREATE A UNIFORM SURFACE. CONTRACTOR SHALL ENSURE A SMOOTH SURFACE PER NMDOT SPECIFICATION SECTION 401.3.2: STRAIGHTEDGE MEASUREMENTS (CATEGORY III). ALL WORK SHALL BE CONSIDERED INCIDENTAL TO BID ITEM 416104-MINOR PAVING TYPE 1, HMA SPIV. SEE PLANS FOR PAVEMENT SECTION DETAILS.

19. NECESSARY TRANSITIONAL CUTS/FILLS AT DRIVEWAYS ARE NOT QUANTIFIED AND ARE TO BE CONSIDERED INCIDENTAL TO BID ITEM 203000 UNCLASSIFIED EXCAVATION.

20. COLD MILLINGS SHALL BE HAULED TO AN APPROVED SITE BY THE COUNTY FOR FUTURE REUSE AS RECYCLED ASPHALT PRODUCT. IT WILL BE THE CONTRACTOR RESPONSIBILITY TO CONTACT THE COUNTY TO GET THE NECESSARY LOCATIONS TO HAUL AND STOCKPILE THE REUSABLE MATERIAL.



BENCH MARKS

BENCH MARK LINE 1
BENCH MARK LINE 2
BENCH MARK LINE 3
BENCH MARK LINE 4
BENCH MARK LINE 5
BENCH MARK LINE 6
BENCH MARK LINE 7
BENCH MARK LINE 8
BENCH MARK LINE 9

ENGINEER'S SEAL

AS-BUILT INFORMATION		REVISIONS	
CONTRACTOR	DATE	NO.	DATE
BY			
WORK STARTED BY			
INSPECTORS ACCEPTANCE BY			
FIELD VERIFICATION BY			
DRAWINGS CORRECTED BY			
DESIGNED BY	VR	CHECKED BY	JLB
DRAWN BY	VM		

PROJECT NOTES

GENERAL

PROJECT INTENT IS TO RECONSTRUCT THE EXISTING GRANT COUNTY LITTLE WALNUT ROAD. THE SCOPE OF THE PROJECT APPLIES TO LITTLE WALNUT ROAD.

1. UTILITY CONTACTS:
- COMCAST - SILVER CITY: 575-993-02125 & 575-526-0764
 - NEW MEXICO GAS COMPANY - SILVER CITY / DEMING: 505-803-7813
 - PNM ELECTRIC - SILVER CITY: 575-956-1465
 - LUMEN TELEPHONE : 575-525-5021 & 575-649-0160
 - TOWN OF SILVER CITY: 575-534-6365
 - WESTERN NEW MEXICO TELEPHONE COMPANY: 575-535-9957 & 575-538-1390

LIST OF INCIDENTALS

- TRAFFIC CONTROL PLAN. GENERAL NOTE #3
- REMOVALS. GENERAL NOTE #8
- CONTRACTOR PROCESS QUALITY CONTROL. GENERAL NOTE #11
- MAINTENANCE OF RECORD DRAWINGS. GENERAL NOTE # 12
- SAWCUTTING PAVEMENT. GENERAL NOTE #13
- SURFACING FEATHER. GENERAL NOTE #14
- COST OF FILLER. GENERAL NOTE #15
- PROFILE OF HMA. GENERAL NOTE #18
- EXCAVATION AND EMBANKMENT FOR DRIVEWAYS. GENERAL NOTE #19
- HAULING AND STOCKPILING MILLINGS. GENERAL NOTE #20
- OTHER AS NOTED IN PLAN & PROFILE BUILD NOTES

NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
(1) PROGRESS PAYMENTS NO LATER THAN 30 DAYS AFTER THE DATE OF BILLING OR ESTIMATE IS RECEIVED.



GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN

GENERAL NOTES

BHI PROJECT NO.	20210361	DWG NO.	1-06	SHEET	6	OF	31
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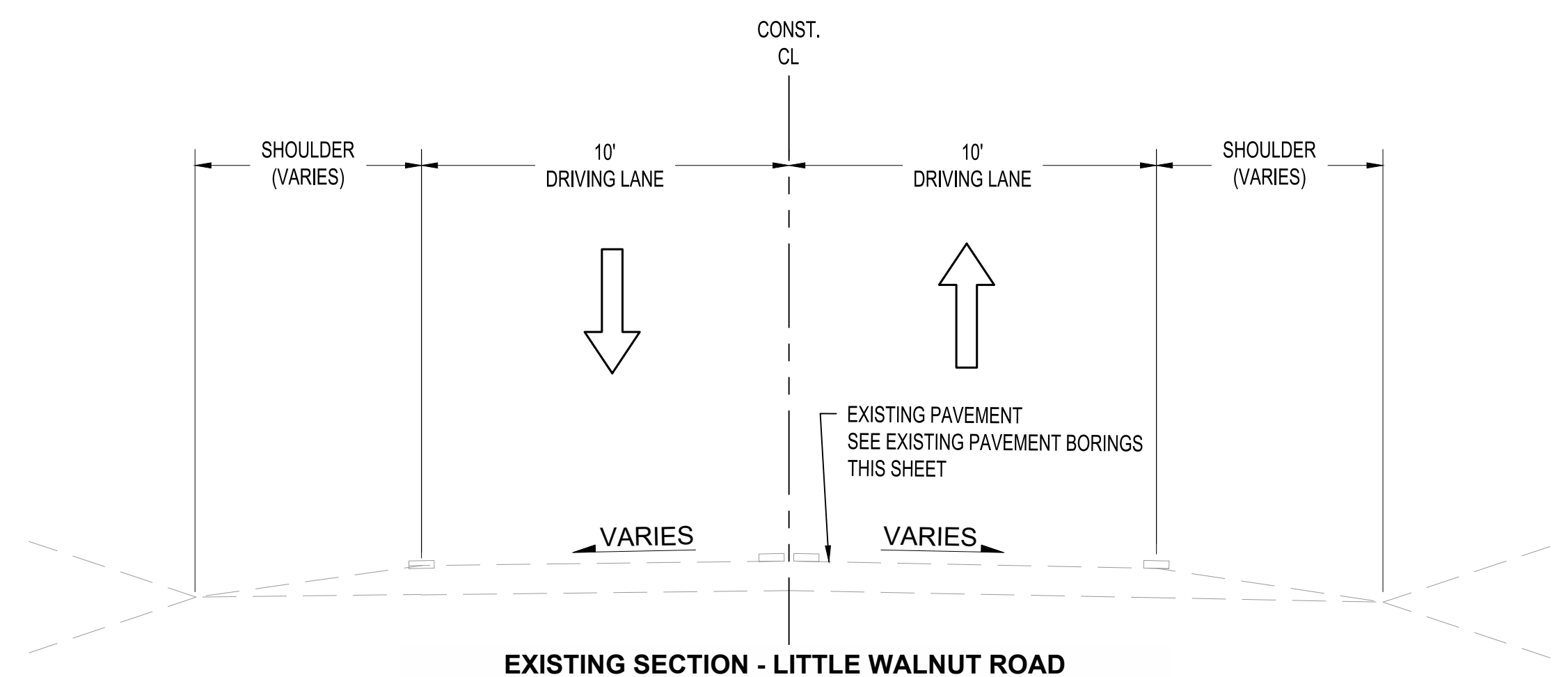
TRAFFIC VOLUME ESTIMATES

LITTLE WALNUT BOP TO STA 216+70 (GRANT COUNTY) AASHTO (LOW SPEED URBAN CRITERIA)	
POSTED SPEED	35 MPH
DESIGN SPEED	40 MPH
STA 216+70 TO EOP (NATIONAL FOREST) AASHTO (RURAL $e_{max} = 6\%$)	
POSTED SPEED	25 MPH
DESIGN SPEED	30 MPH
AADT (2019) ACTUAL	2,021
AADT (2040) DESIGN	3,009
% HEAVY VEHICLES ACTUAL	1.15%
ESAL - (20 YEAR)	102,198

***EXISTING PAVEMENT BORINGS**

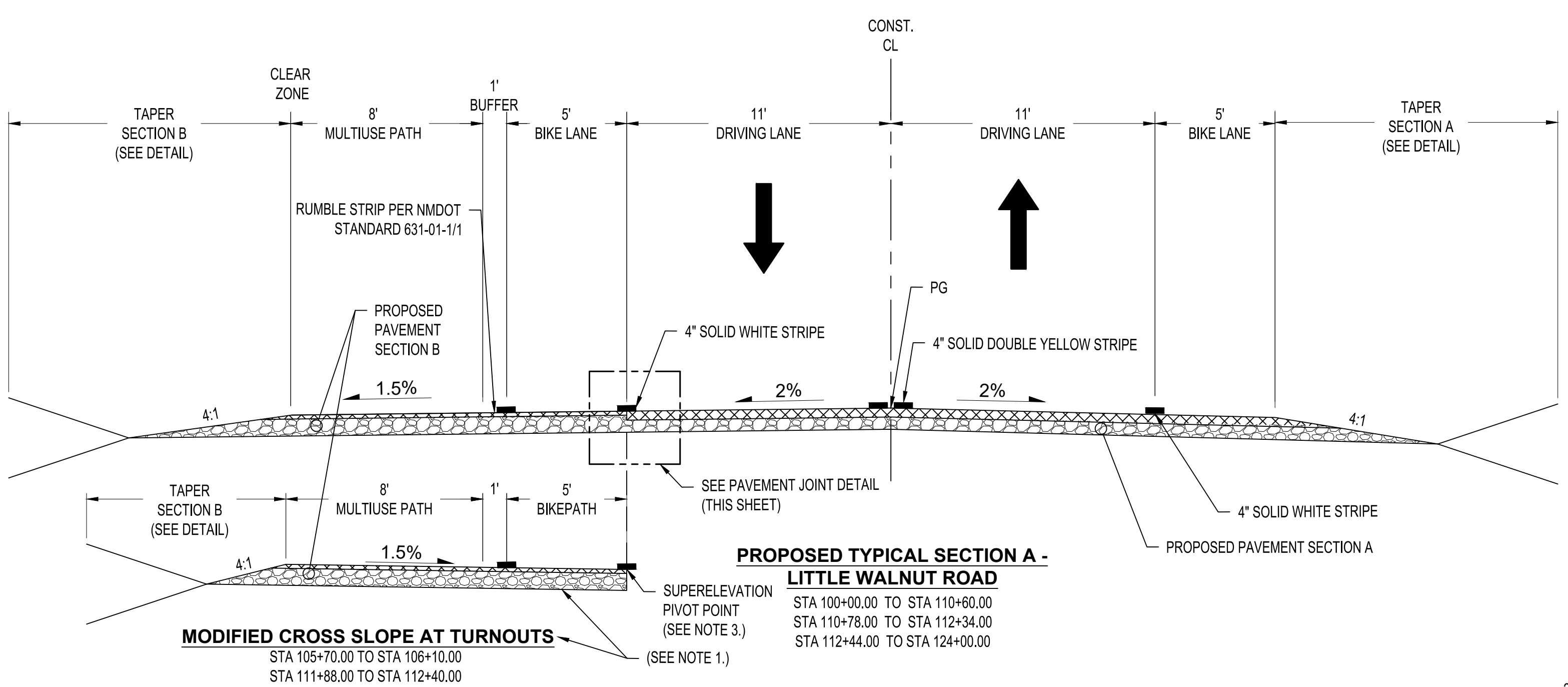
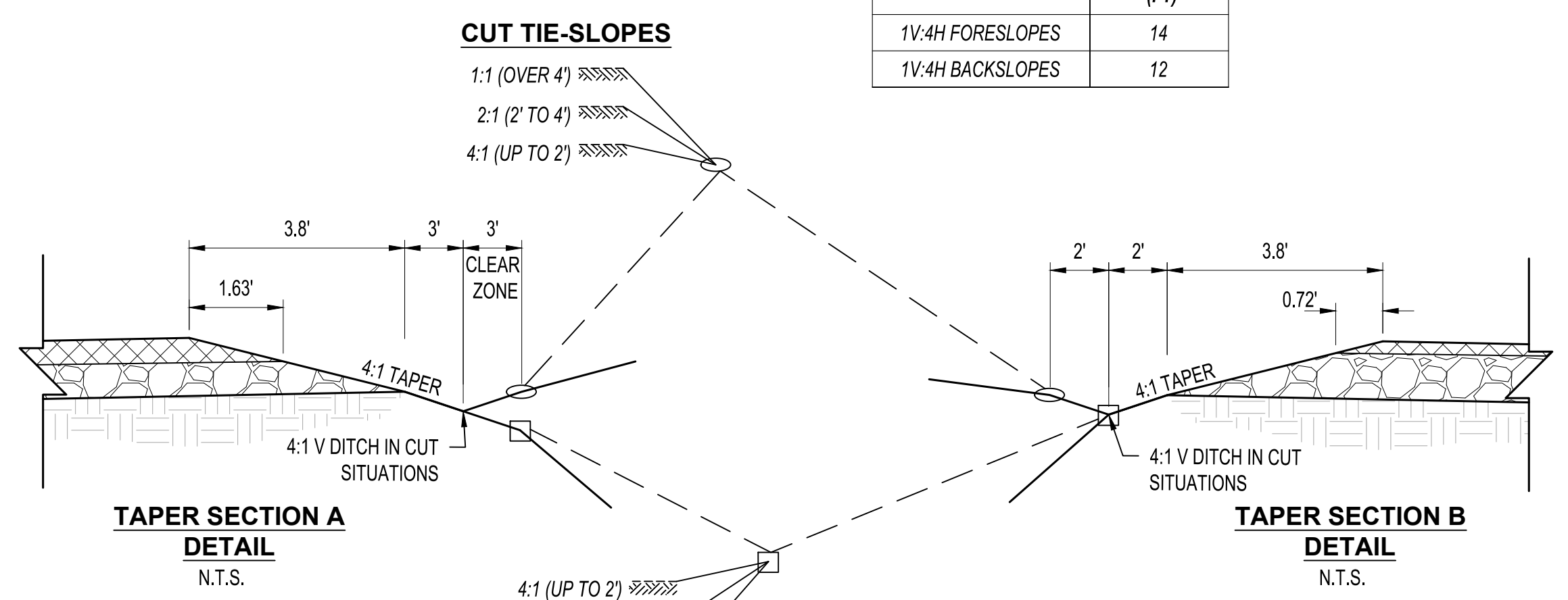
BORING LOG NO.	LATITUDE	LONGITUDE	ASPHALT THICKNESS (INCHES)	BASE COURSE THICKNESS (INCHES)
B-1	32.8101	-108.2788	4	4
B-2	32.8178	-108.2784	5	4
B-3	32.8256	-108.278	7	4
B-4	32.8332	-108.2766	7	4
B-5	32.8407	-108.2746	5	4
B-6	32.8482	-108.2765	4	4
B-7	32.8516	-108.2746	2	4
B-8	32.8444	-108.2754	3	4
B-9	32.8369	-108.2755	6	4
B-10	32.8293	-108.2768	7	4
B-11	32.8217	-108.2785	6	3
B-12	32.8139	-108.2783	7	4
AVERAGE THICKNESS			5.25	3.92

*FURTHER BORING LOG INFORMATION AVAILABLE UPON REQUEST OF THE GEOTECH REPORT DURING PROJECT BIDDING.



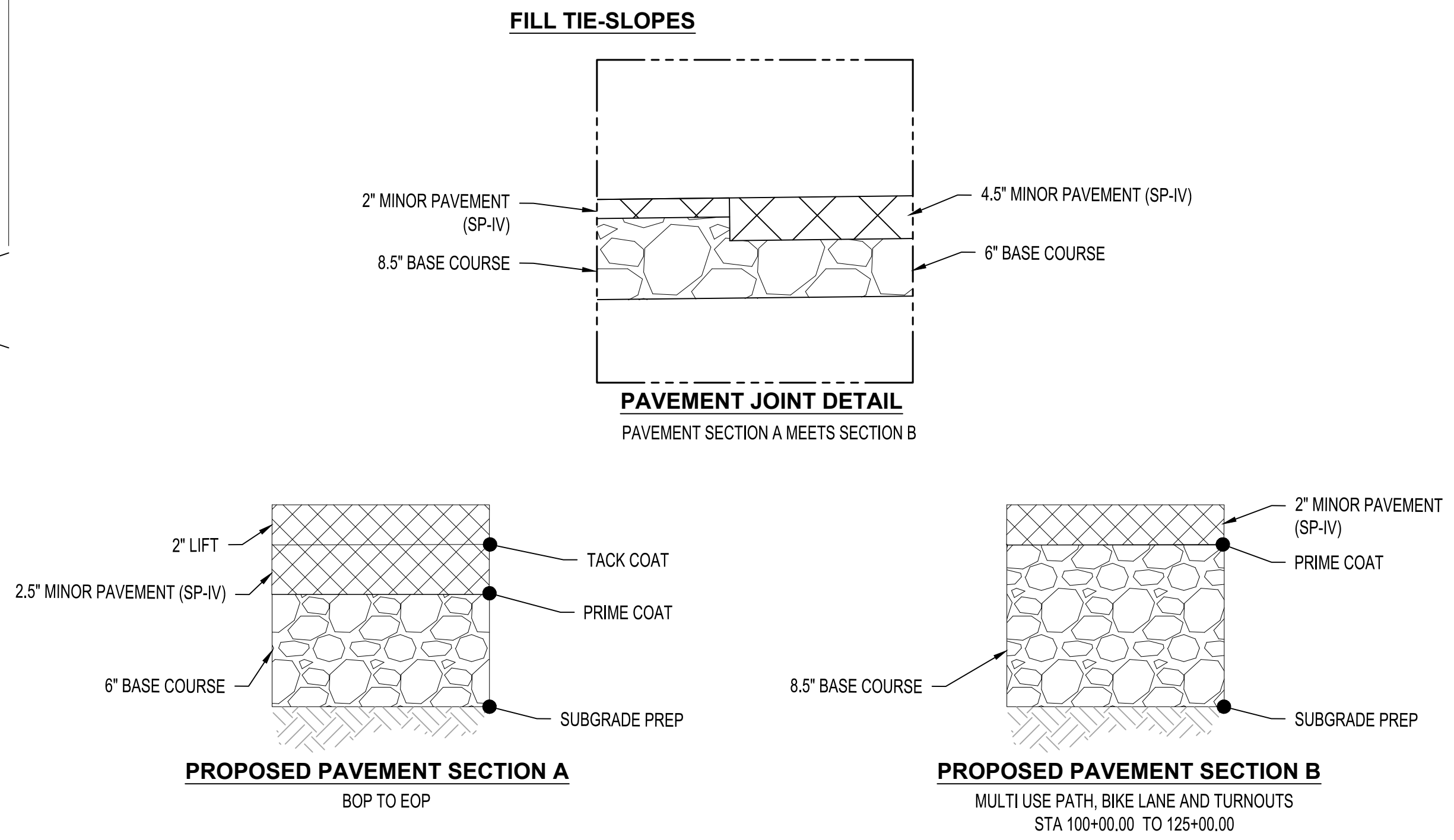
CLEAR ZONE

ROADSIDE SLOPE	CLEAR ZONE (FT)
1V:4H FORESLOPES	14
1V:4H BACKSLOPES	12



LENGTH OF PROJECT

STATION TO	STATION	LENGTH (ft.)	LENGTH (Miles)	LOCATION
100+00.00	124+00.00	2400.000	0.455	LITTLE WALNUT RD
TOTAL		2400.000	0.455	



- NOTES**
- ALL MODIFIED CROSS SLOPE AT TURNOUTS STATION RANGES LISTED SHALL HAVE A MINIMUM TRANSITION LENGTH OF 66' PRIOR TO AND AFTER THE RANGE SHOWN (SEE SUPERELEVATION PIVOT POINT TO LEFT EDGE OF PAVEMENT ON SHEET 12).
 - THE PROFILE GRADE (PG) IS MEASURED TO THE TOP OF THE HMA.
 - SEE PLAN AND PROFILE SHEET 12 FOR SUPERELEVATION INFORMATION.

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BENCH MARKS

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ENGINEER'S SEAL

AS-BUILT INFORMATION

CONTRACTOR	DATE	WORK STAND BY	DATE	INSPECTORS ACCEPTANCE BY	DATE	FIELD VERIFICATION BY	DATE	DRAWINGS CORRECTED BY	DATE

REVISIONS

NO.	DATE	BY	REVISIONS

DESIGN

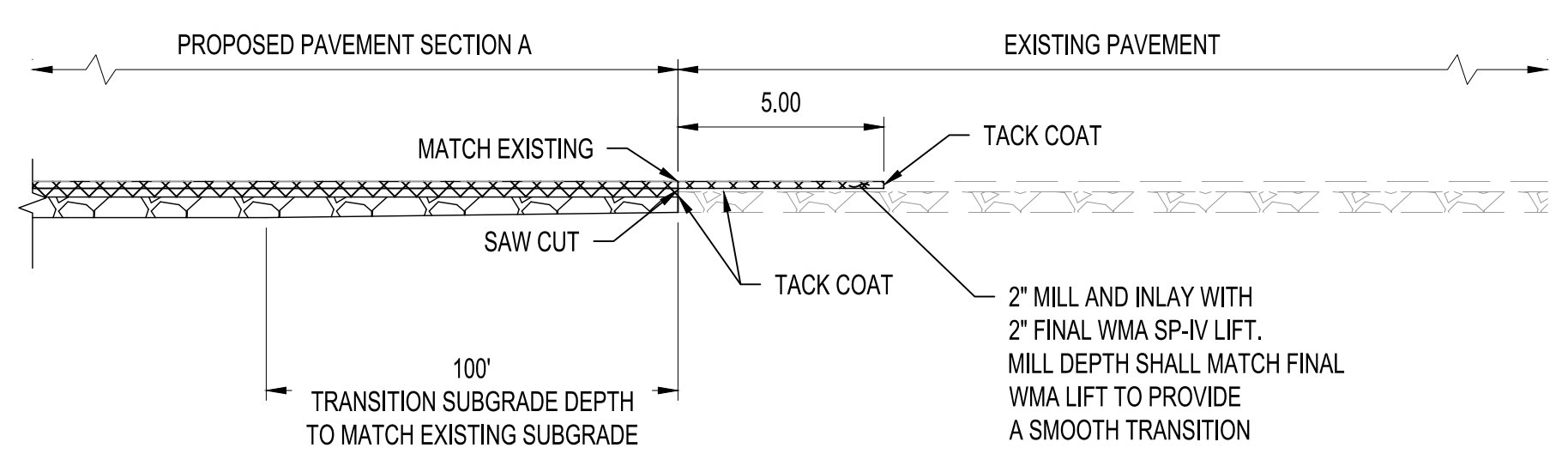
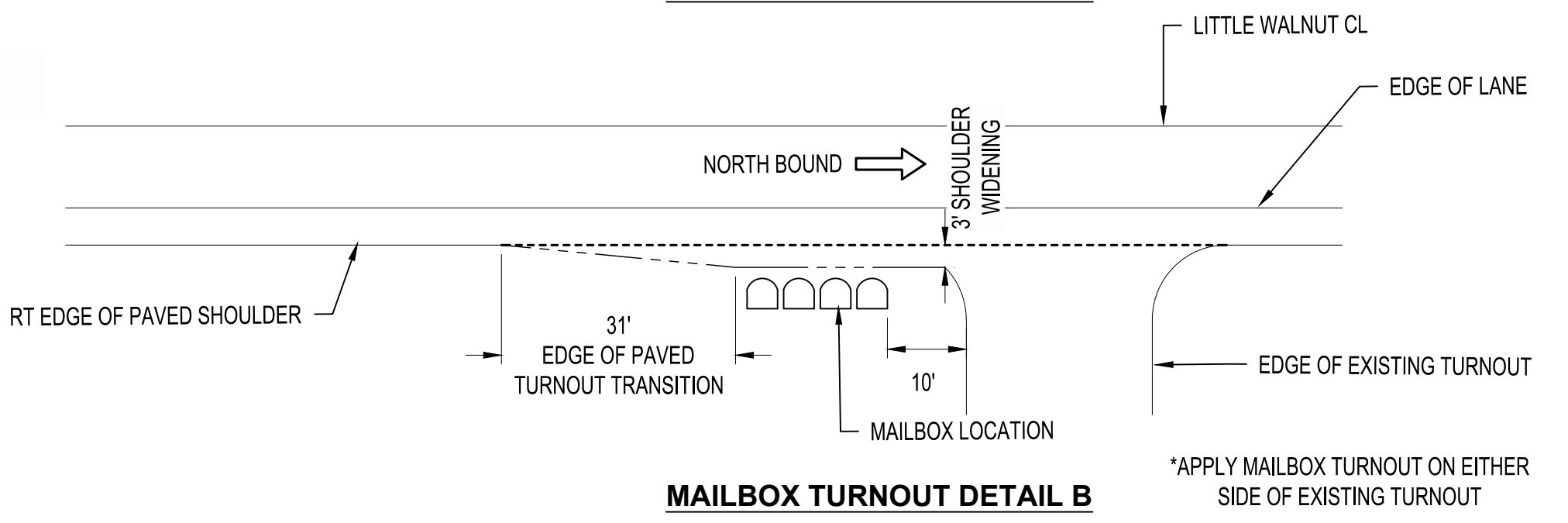
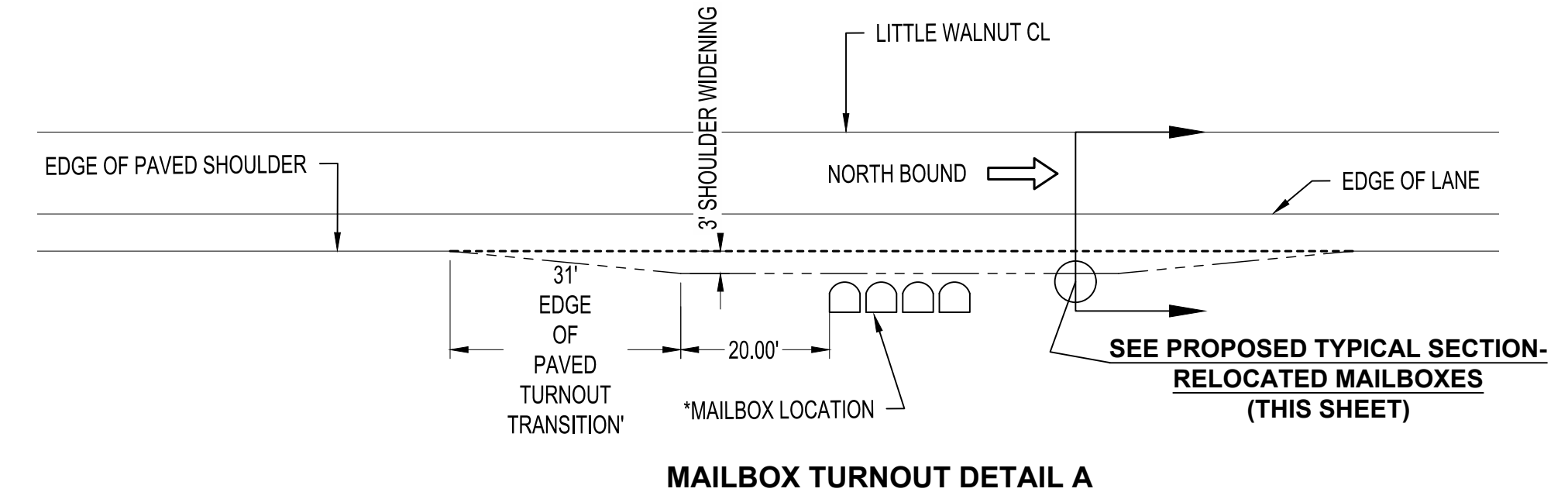
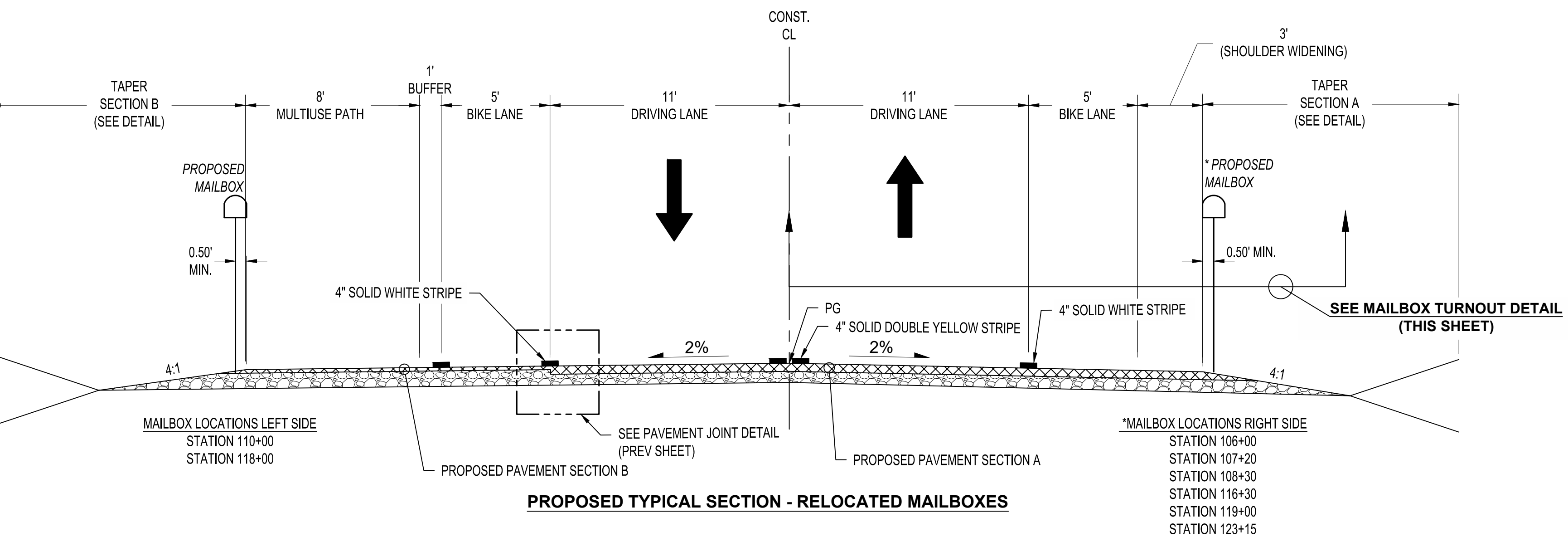
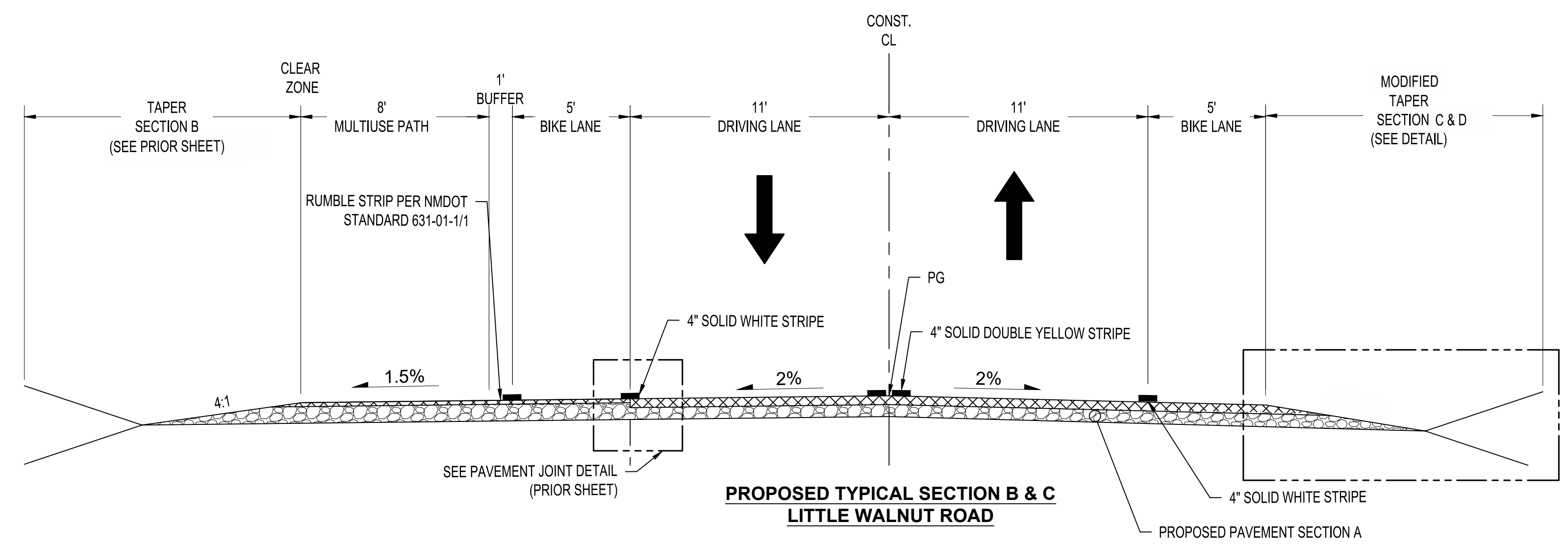
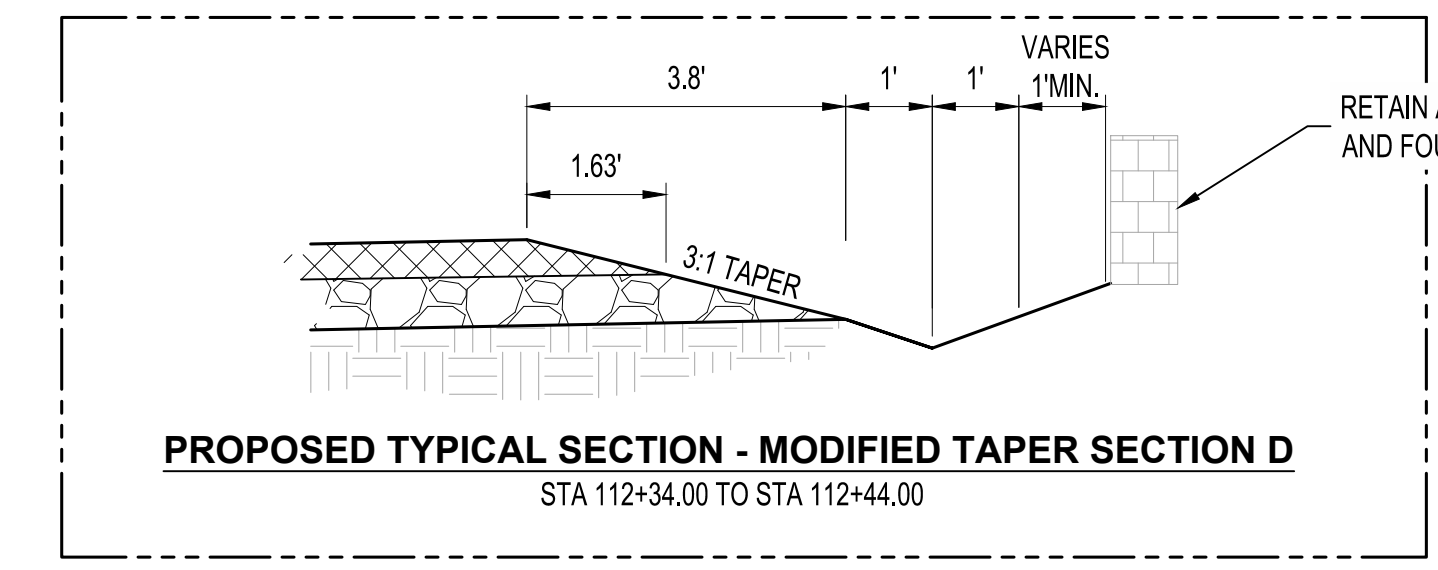
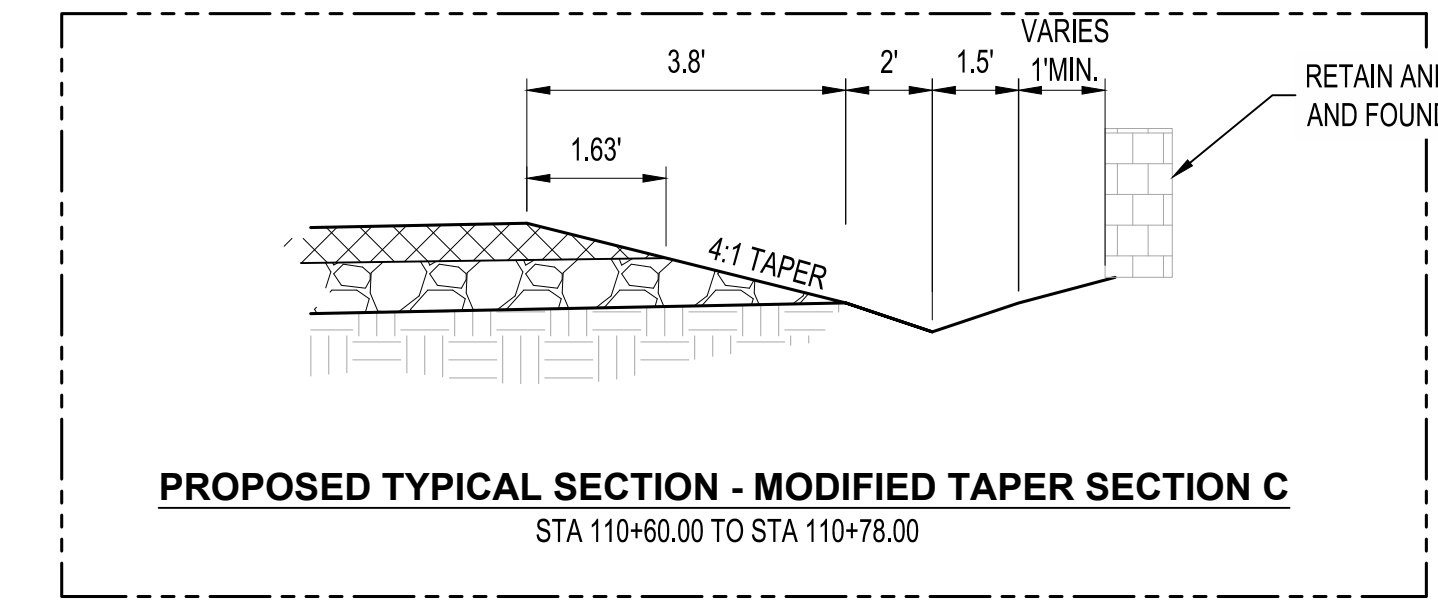
DESIGNED BY	CHECKED BY	DRAWN BY
VR	JLB	VM

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GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN

TYPICAL SECTIONS 1 OF 2

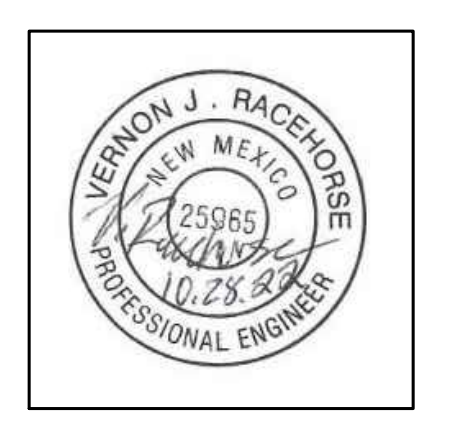
BHI PROJECT NO. 20210361 DWG NO. 2-01 SHEET 7 OF 31



BENCH MARKS

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ENGINEER'S SEAL



AS-BUILT INFORMATION

CONTRACTOR	DATE
WORK STARTED BY	DATE
INSPECTORS ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DESIGNING CORRECTED BY	DATE

REVISIONS

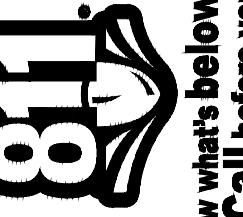
NO.	DATE	BY

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GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN
TYPICAL SECTIONS 2 OF 2

BHI PROJECT NO.	20210361	DWG NO.	2-02	SHEET	8	OF	31
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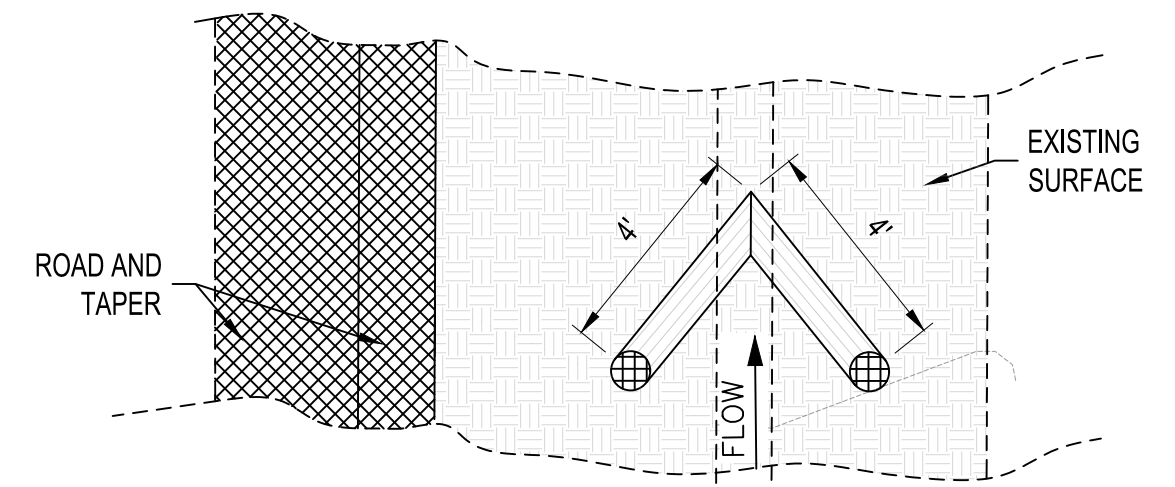
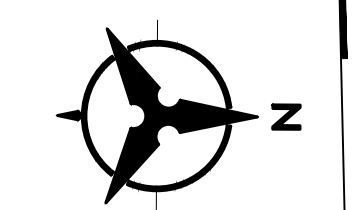
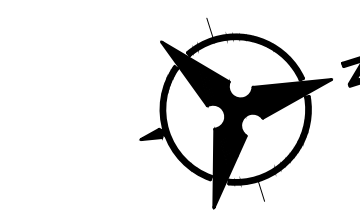
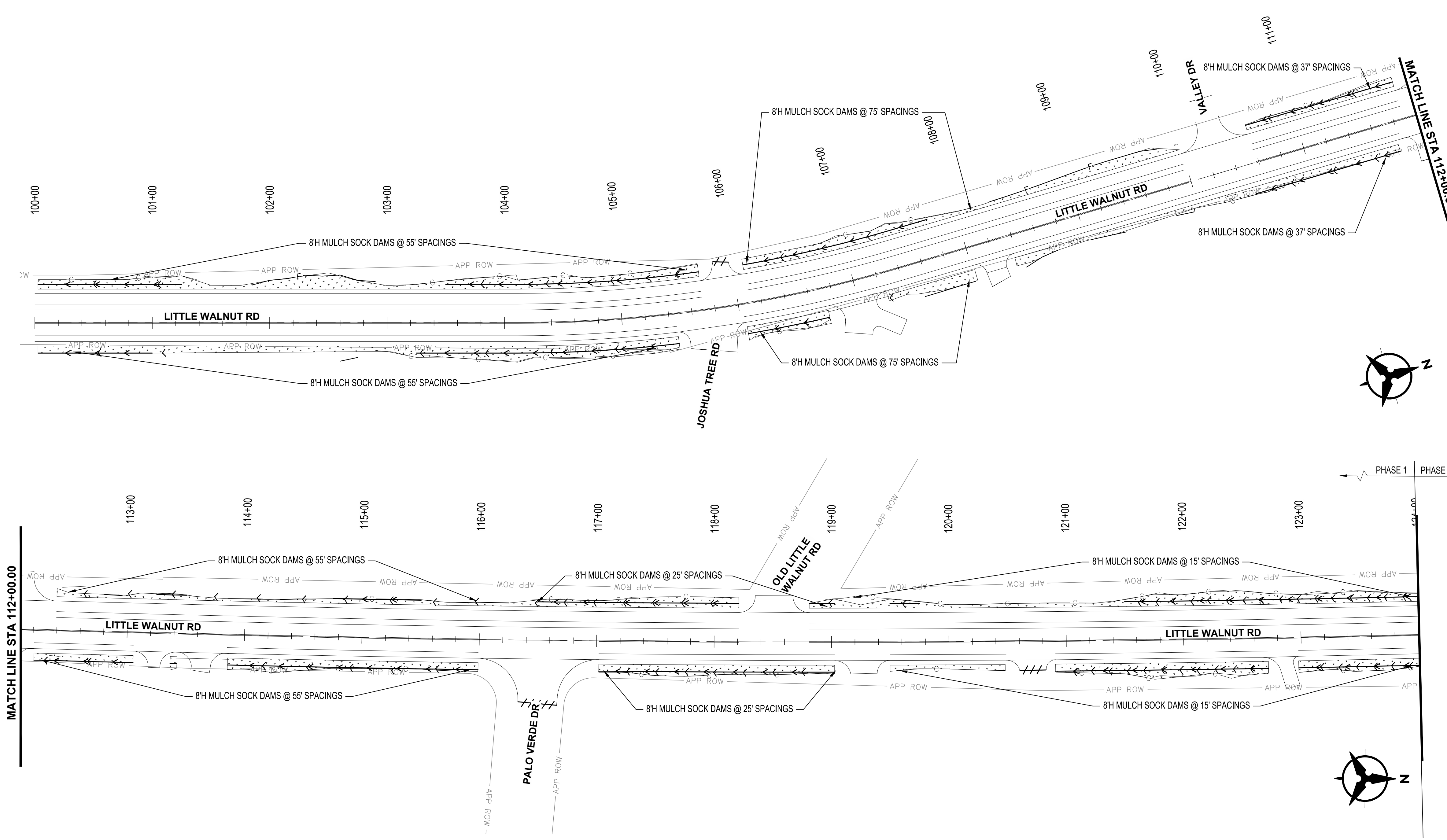
Know what's below. Call before you dig.

CONSTRUCTION NOTES:

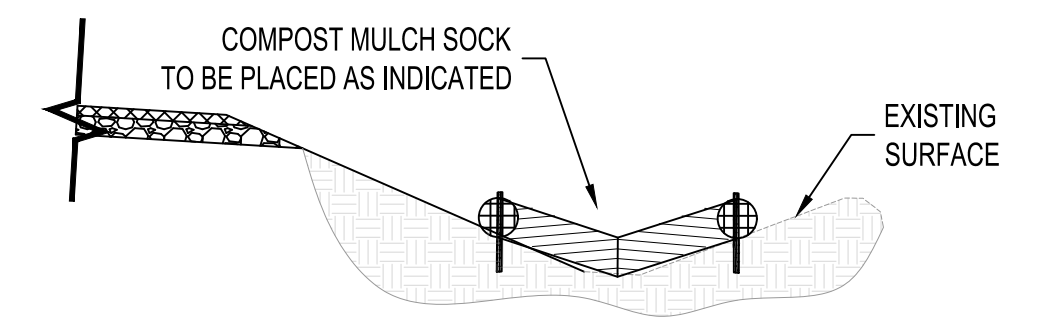
- SEE SURVEY CONTROL SHEETS FOR CENTERLINE INFORMATION

LEGEND

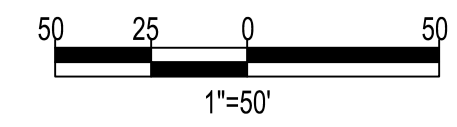
- MULCH SOCK DAM
- FLOW DIRECTION
- NEW CULVERT
- SEEDING LIMITS
- INLET OUTLET PROTECTION (RIPRAP)



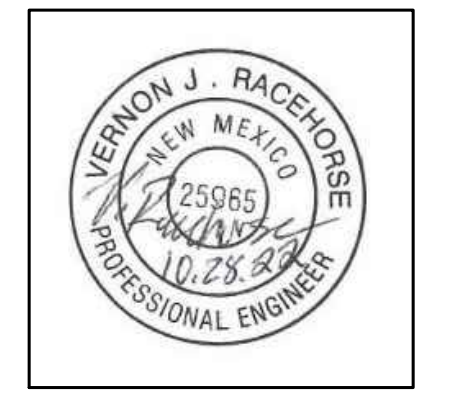
COMPOSTED MULCH SOCK DETAILS-TOP VIEW
USE FOR EROSION PREVENTION AS DAMS



COMPOSTED MULCH SOCK DETAILS-FRONT VIEW
USE FOR EROSION PREVENTION AS DAMS



BENCH MARKS	
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AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STAND BY	DATE
INSPECTORS ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

REVISIONS	
NO.	DATE

DESIGN	
DESIGNED BY	VR
CHECKED BY	JLB
DRAWN BY	VM

NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
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**GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN**

TEMPORARY EROSION SEDIMENT CONTROL			
BHI PROJECT NO.	20210361	DWG NO.	2-04
SHEET	10	OF	31

Control Information
 Project Coordinates based on modified State Plane
 Coordinates scaled to ground distances around
 point CP-2.
 Grid to Ground Combined factor = 1.00035977
 State Plane Coordinate Grid Information:
 New Mexico State Plane - NM West Zone -
 NAD1983 - US Survey Feet
 Elevations - NAVD1988

CP-1
 Bridge Spike
 State Plane Grid
 N: 664787.00
 E: 2586749.28

Modified Ground
 N: 664786.41
 E: 2586749.28
 Elevation: 6245.82

CP2
 Bridge Spike
 State Plane Grid
 N: 666428.81
 E: 2586836.29

Modified Ground
 N: 666428.81
 E: 2586836.29
 Elevation: 6297.71

CP-3
 Bridge Spike
 State Plane Grid
 N: 667720.82
 E: 2587225.04

Modified Ground
 N: 667721.28
 E: 2587225.18
 Elevation: 6320.60

CP-4
 Bridge Spike
 State Plane Grid
 N: 662689.19
 E: 2586305.35

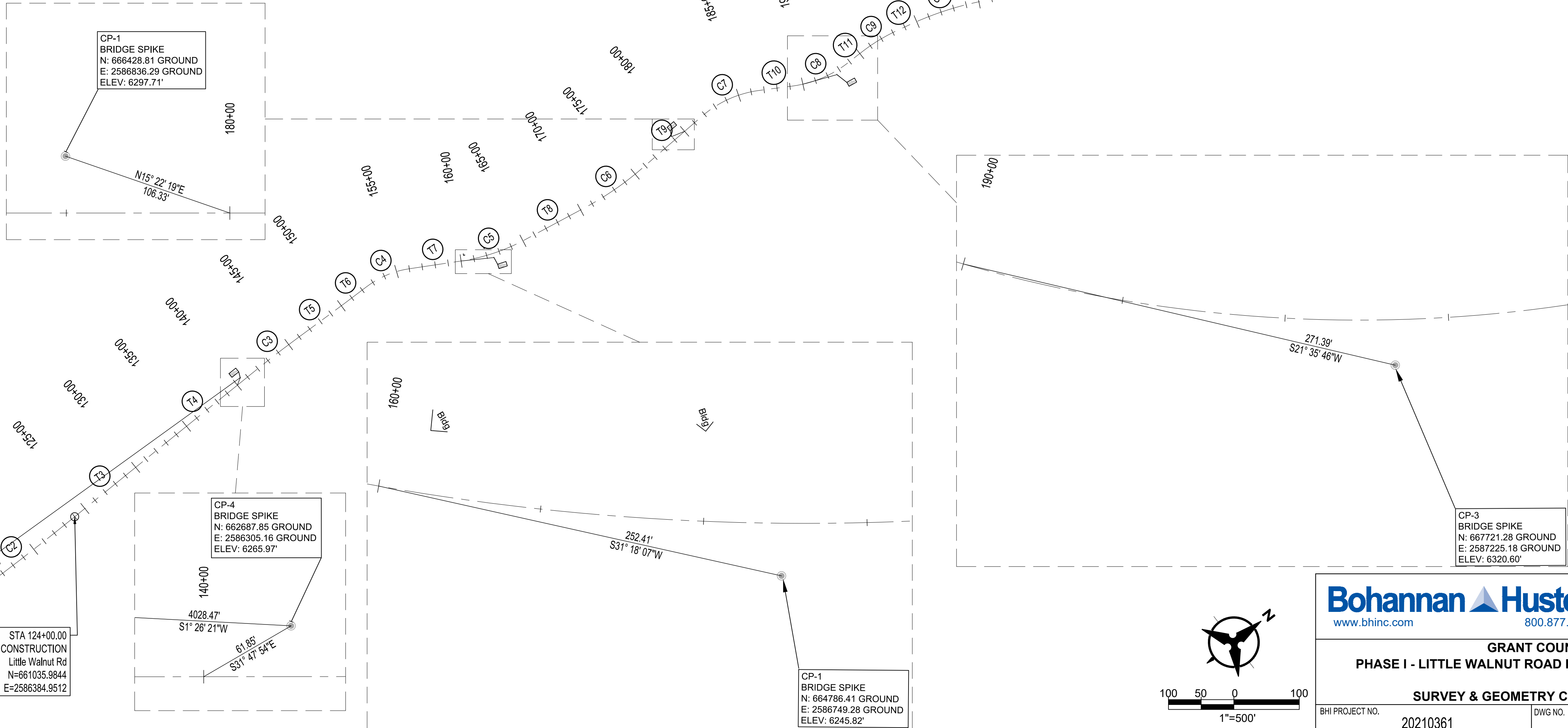
Modified Ground
 N: 662687.85
 E: 2586305.16
 Elevation: 6265.97

CP-5
 Bridge Spike
 State Plane Grid
 N: 669640.91
 E: 2587527.29

Modified Ground
 N: 669642.07
 E: 2587527.54
 Elevation: 6365.33

ID	BEARING	LENGTH	START POINT	END POINT
T1	N17° 29' 42.78"E	411.236'	(2586203.9764',658660.6510',0.0000')	(2586327.6047',659052.8639',0.0000')
T2	N01° 02' 09.62"E	614.476'	(2586380.4931',659377.0542',0.0000')	(2586391.6033',659991.4302',0.0000')
T3	N01° 45' 03.47"W	700.467'	(2586385.1206',661030.4432',0.0000')	(2586363.7176',661730.5830',0.0000')
T4	N01° 38' 39.90"W	1119.275'	(2586363.7176',661730.5830',0.0000')	(2586331.5983',662849.3971',0.0000')
T5	N00° 53' 06.00"E	462.045'	(2586329.3290',663191.8179',0.0000')	(2586336.4655',663653.8077',0.0000')
T6	N00° 13' 03.55"E	225.948'	(2586336.4655',663653.8077',0.0000')	(2586337.3238',663879.7540',0.0000')
T7	N28° 47' 33.95"E	398.805'	(2586425.3293',664219.9182',0.0000')	(2586617.4110',664569.4182',0.0000')
T8	N09° 06' 54.57"E	526.718'	(2586783.9953',665054.4799',0.0000')	(2586867.4376',665574.5463',0.0000')
T9	N03° 43' 48.61"W	604.431'	(2586892.3357',666103.9824',0.0000')	(2586853.0127',666707.1330',0.0000')
T10	N29° 45' 55.68"E	257.864'	(2586961.0752',667174.5461',0.0000')	(2587089.0919',667398.3885',0.0000')
T11	N00° 38' 17.28"W	136.322'	(2587204.0029',667840.6882',0.0000')	(2587202.4846',667977.0017',0.0000')
T12	N12° 42' 04.77"E	120.626'	(2587262.8356',668297.1662',0.0000')	(2587262.8356',668414.8401',0.0000')
T13	N25° 34' 10.52"E	38.987'	(2587437.3865',668917.9061',0.0000')	(2587454.2136',668953.0749',0.0000')
T14	N00° 49' 54.87"E	199.422'	(2587541.1993',669323.9183',0.0000')	(2587544.0947',669523.3192',0.0000')
T15	N05° 53' 03.54"E	127.577'	(2587568.9515',669946.9379',0.0000')	(2587582.0307',670073.8428',0.0000')

ID	ARC	RADIUS	DELTA	TANGENT	PI (NORTHING EASTING)
C1	329.608'	1147.392'	016.4592 (d)	165.947'	(2586377.4927',659211.1344')
C2	1039.136'	21363.036'	002.7870 (d)	519.670'	(2586400.9993',660511.0155')
C3	342.456'	7757.234'	002.5294 (d)	171.256'	(2586326.6838',663020.5824')
C4	355.032'	711.873'	028.5751 (d)	181.289'	(2586338.0125',664061.0421')
C5	515.399'	1500.700'	019.6776 (d)	260.263'	(2586742.7647',664797.5039')
C6	531.133'	2369.085'	012.8453 (d)	266.684'	(2586909.6856',665837.8630')
C7	486.643'	832.424'	033.4956 (d)	250.497'	(2586836.7160',666957.0989')
C8	462.389'	871.375'	030.4036 (d)	236.777'	(2587206.6399',667603.9261')
C9	322.675'	1385.957'	013.3395 (d)	162.070'	(2587200.6796',668139.0619')
C10	533.609'	2375.886'	012.8683 (d)	267.932'	(2587321.7453',668676.2152')
C11	383.883'	889.125'	024.7377 (d)	194.980'	(2587538.3683',669128.9589')
C12	424.485'	4813.780'	005.0524 (d)	212.380'	(2587547.1782',669735.6769')



STA 100+00.00
 BEGIN CONSTRUCTION
 Little Walnut Rd
 N=658660.6510
 E=2586203.9764

STA 124+00.00
 END CONSTRUCTION
 Little Walnut Rd
 N=661035.9844
 E=2586384.9512

CP-4
 BRIDGE SPIKE
 N: 662689.19
 E: 2586305.35
 ELEV: 6265.97'

CP-1
 BRIDGE SPIKE
 N: 664786.41
 E: 2586749.28
 GROUND
 ELEV: 6245.82'

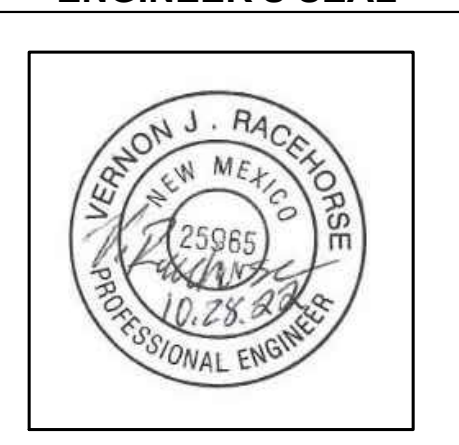
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BENCH MARKS

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ENGINEER'S SEAL



AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STAGED BY	DATE
INSPECTORS ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

REVISIONS	
NO.	DATE

DESIGN			
BY	DATE	VR	JUB

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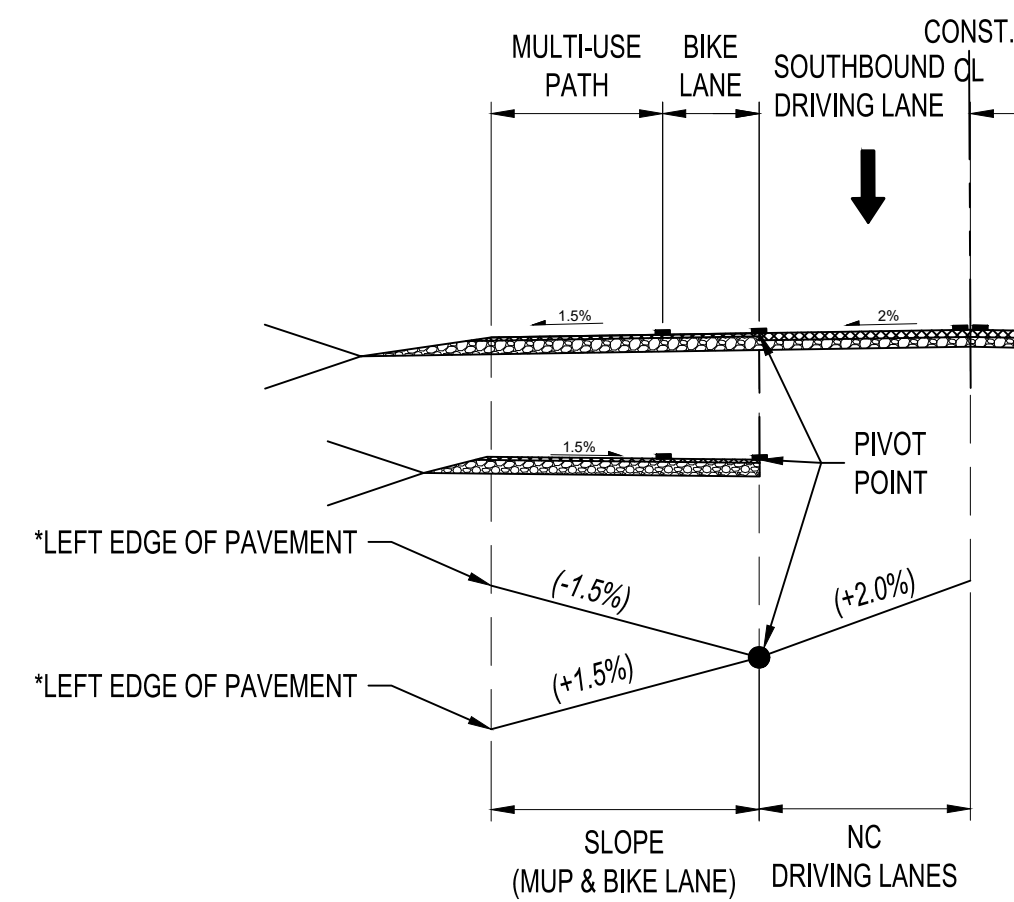
GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN
 SURVEY & GEOMETRY CONTROL 1 OF 2

BHI PROJECT NO. 20210361 DWG NO. 3-0 SHEET 11 OF 31

Fri, 28-Dec-2022 - 1:06 pm, Plotted by: KFLOINERS
 P:\20210361\TRANS\Design\Plan Production\Plans\20210361SC.dwg

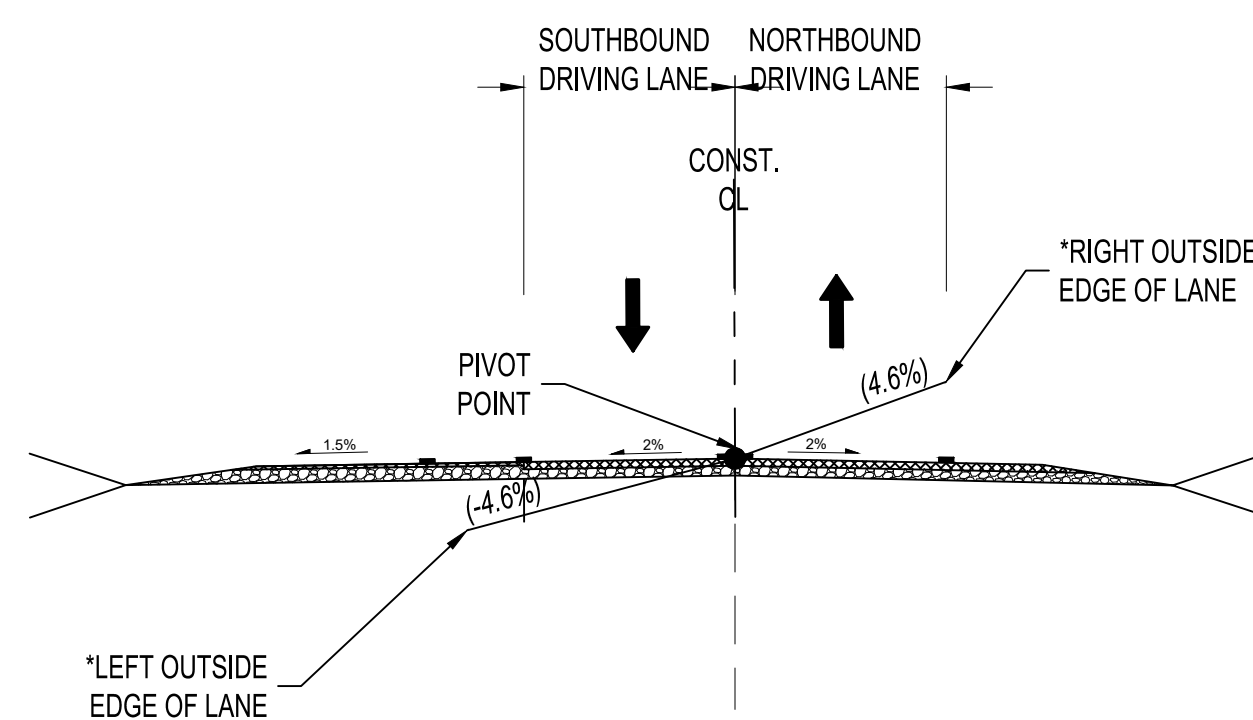


SUPER ELEVATION PIVOT POINT TO LEFT EDGE OF PAVEMENT (LEFT SIDE OF ROAD ONLY)				
*SECTION B - SUPERELEVATION REGIONS (5' BIKE LANE, 1' BUFF & 8' MUP)				
SUPER ELEVATION REGION #	STATION	OFFSET	DESCRIPTION	SLOPE (MUP & BIKE LANE)
1	105+04.00'	25' LT	START TRANSITION	-1.50%
	105+70.00'	25' LT	BEGIN FULL SUPER	1.50%
	106+10.00'	25' LT	END FULL SUPER	1.50%
2	106+76.00'	25' LT	END TRANSITION	-1.50%
	111+22.00'	25' LT	START TRANSITION	-1.50%
	111+88.00'	25' LT	BEGIN FULL SUPER	1.50%
	112+40.00'	25' LT	END FULL SUPER	1.50%
	113+06.00'	25' LT	END TRANSITION	-1.50%



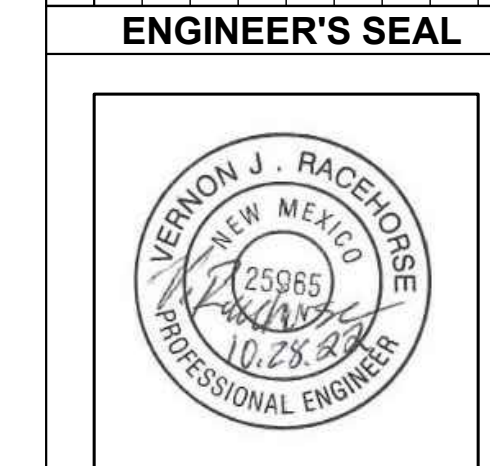
SUPER ELEVATION PIVOT POINT TO LEFT EDGE OF PAVEMENT (LEFT SIDE OF ROAD ONLY)

SUPERELEVATION PIVOT POINT AT CENTER LINE OF PAVEMENT				
SUPER ELEVATION REGION #	STATION	DESCRIPTION	LEFT OUTSIDE LANE	RIGHT OUTSIDE LANE
1	103+69.00'	End Normal Crown	-2.00%	-2.00%
	105+05.00'	Begin Full Super	-4.60%	4.60%
	106+47.00'	End Full Super	-4.60%	4.60%
	107+83.00'	Begin Normal Crown	-2.00%	-2.00%



SUPERELEVATION PIVOT POINT AT CENTERLINE OF PAVEMENT

BENCH MARKS									
#	#	#	#	#	#	#	#	#	#



AS-BUILT INFORMATION										
	CONTRACTOR	DATE	WORK STAGED BY	DATE	INSPECTORS ACCEPTANCE BY	DATE	FIELD VERIFICATION BY	DATE	REVISIONS CORRECTED BY	DATE
BY										

REVISIONS									
NO.	DATE	BY	DATE	NO.	DATE	BY	DATE	NO.	DATE

NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
(1) PROGRESS PAYMENTS NO LATER THAN 30 DAYS AFTER THE DATE OF BILLING OR ESTIMATE IS RECEIVED.

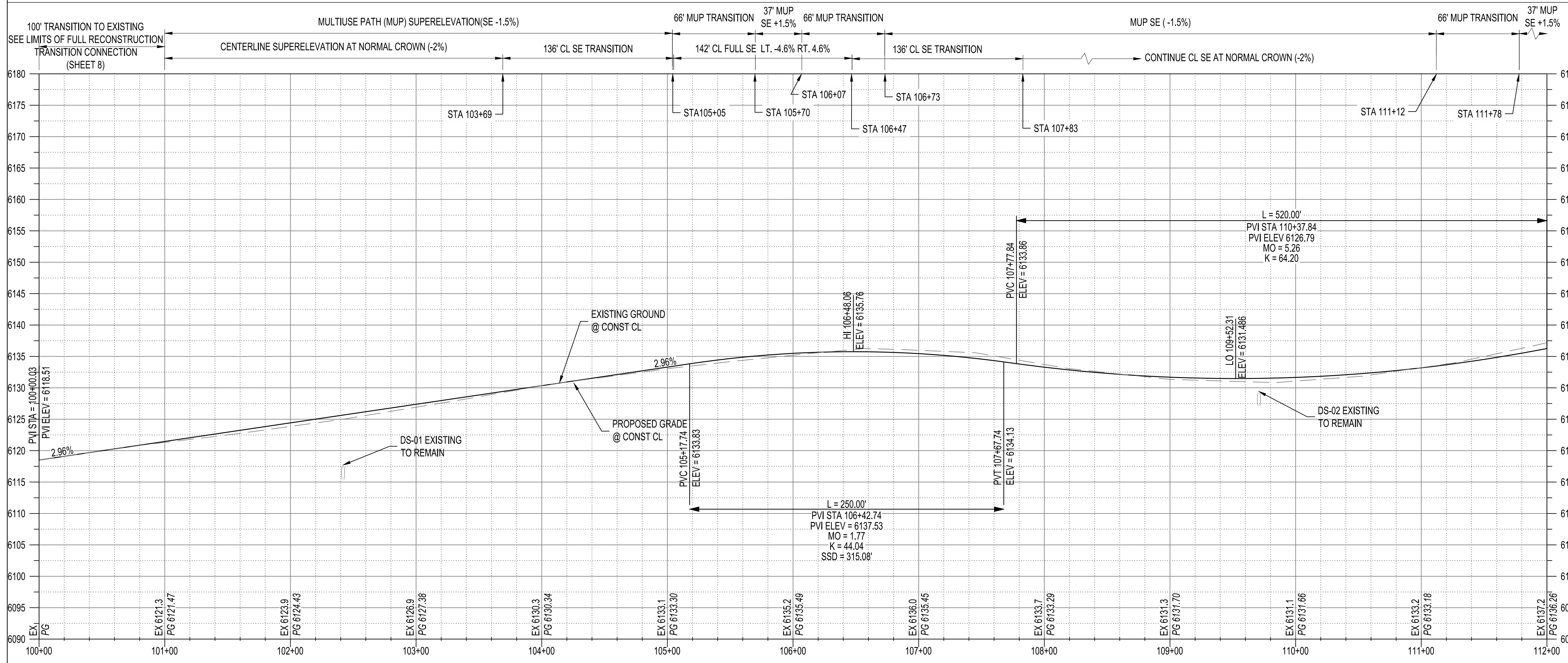
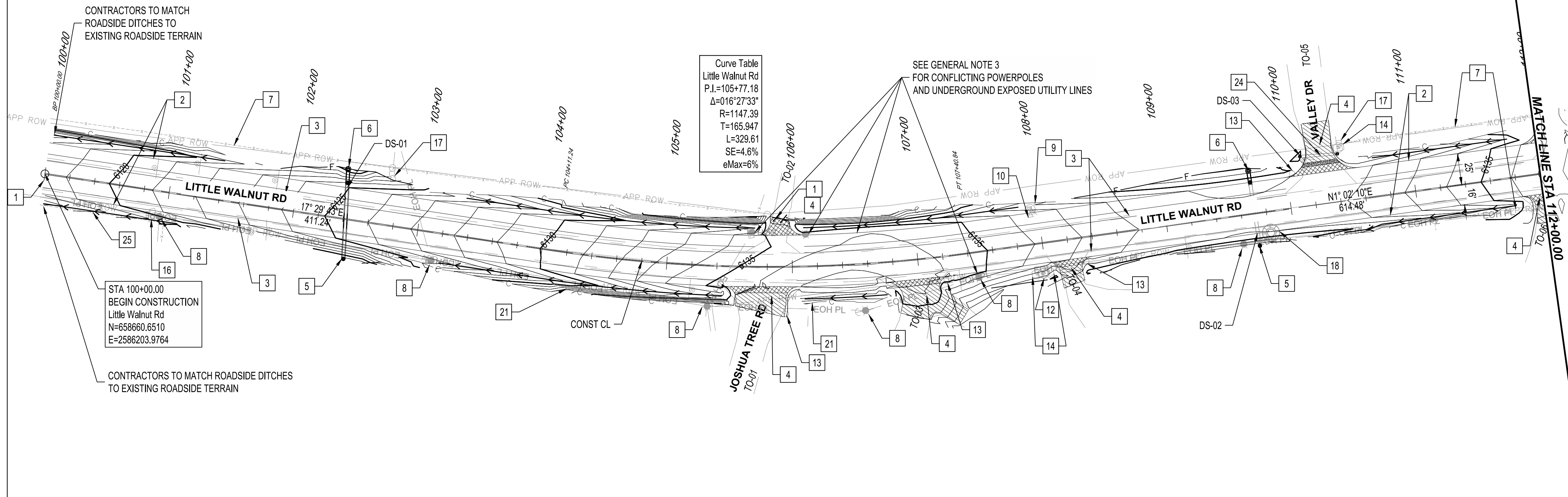


GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN

SURVEY & GEOMETRY CONTROL 2 OF 2

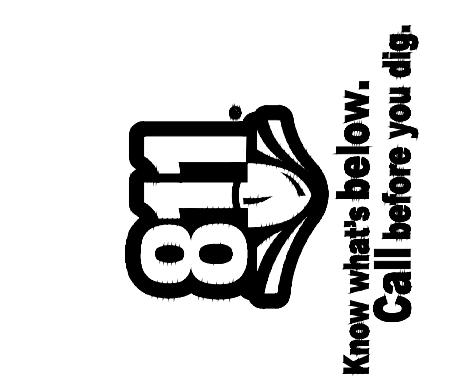
BHI PROJECT NO.	20210361	DWG NO.	3-00	SHEET	12	OF	31
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NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
 (1) PROGRESS PAYMENTS NO LATER THAN 30 DAYS AFTER THE DATE OF BILLING OR ESTIMATE IS RECEIVED.



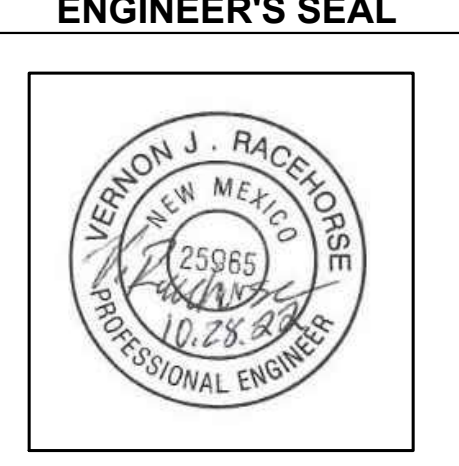
- GENERAL NOTES:**
- PLAN VIEW DIMENSIONS ARE TO LIMITS OF FULL DEPTH PAVEMENT UNLESS OTHERWISE INDICATED.
 - ALL FENCES AND GATES SHALL REMAIN AND BE PROTECTED IN PLACE DURING CONSTRUCTION UNLESS OTHERWISE NOTED.
 - ALL UTILITIES IDENTIFIED TO BE RELOCATED WILL BE MOVED BY OTHERS.

- KEYED NOTES:**
- SAWCUT, REMOVE, AND DISPOSE OF EXISTING PAVEMENT. LIMITS OF PAVEMENT REMOVAL.
 - EDGE OF PROPOSED PAVEMENT.
 - EDGE OF EXISTING PAVEMENT.
 - BUILD TURNOUT - SEE TURNOUT DETAILS FOR INFORMATION.
 - EXISTING CULVERT TO REMAIN.
 - BUILD NEW CULVERT.
 - EXISTING FENCE.
 - EXISTING UTILITY/POLE TO REMAIN. PROTECT IN PLACE.
 - REMOVE AND RELOCATE EXISTING FIRE HYDRANT.
 - EXISTING WATER VALVE. ADJUST TO GRADE.
 - EXISTING WALLS. RETAIN AND PROTECT.
 - RETAIN AND PROTECT EXISTING GAS METER.
 - REMOVE AND RELOCATE EXISTING MAILBOX.
 - EXISTING WATER METER ADJUST TO GRADE. RETAIN AND PROTECT.
 - EXISTING BURIED UTILITY PEDESTAL. RELOCATE.
 - RETAIN AND PROTECT EXISTING PULL BOX/GUY WIRE.
 - RETAIN AND PROTECT EXISTING UTILITY PULL BOX.
 - EXISTING MANHOLE ADJUST TO GRADE.
 - RETAIN AND PROTECT EXISTING FIRE HYDRANT.
 - RETAIN AND PROTECT EXISTING CATTLE GAURD.
 - ROCK REMOVAL EXCAVATION.
 - EXISTING MAILBOX TO REMAIN IN PLACE.
 - EXISTING BOLLARDS TO BE REMOVED.
 - REMOVE EXISTING CULVERT, BUILD VALLEY GUTTER.
 - EXISTING FENCE REMOVE AND RESET.



BENCH MARKS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
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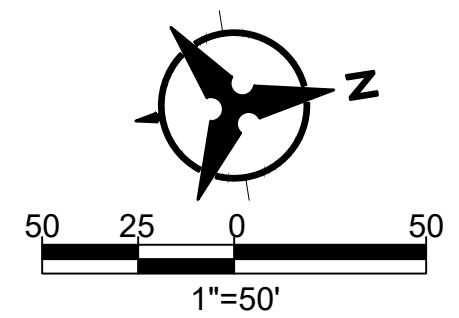


AS-BUILT INFORMATION

CONTRACTOR	DATE	WORK STAMPED BY	DATE	INSPECTORS ACCEPTANCE BY	DATE	FIELD VERIFICATION BY	DATE	DRAWINGS CORRECTED BY	DATE

REVISIONS

NO.	DATE	BY	DESCRIPTION



Bohannon & Huston
 www.bhinc.com 800.877.5332

GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN
PLAN AND PROFILE
STA 100+00.00 TO STA 112+00.00

BHI PROJECT NO. 20210361 DWG NO. 3-01 SHEET 13 OF 31

PLAN AND PROFILE
STA 100+00.00 TO STA 112+00.00

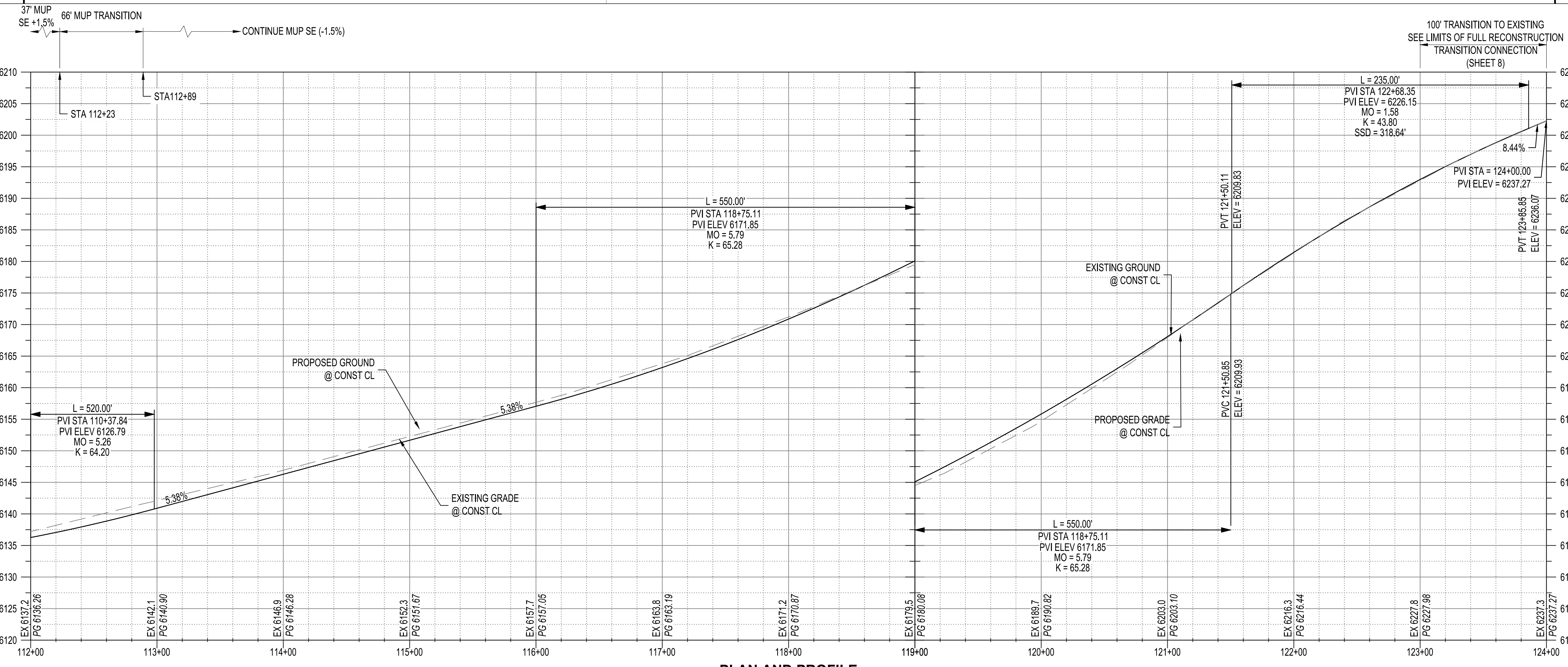
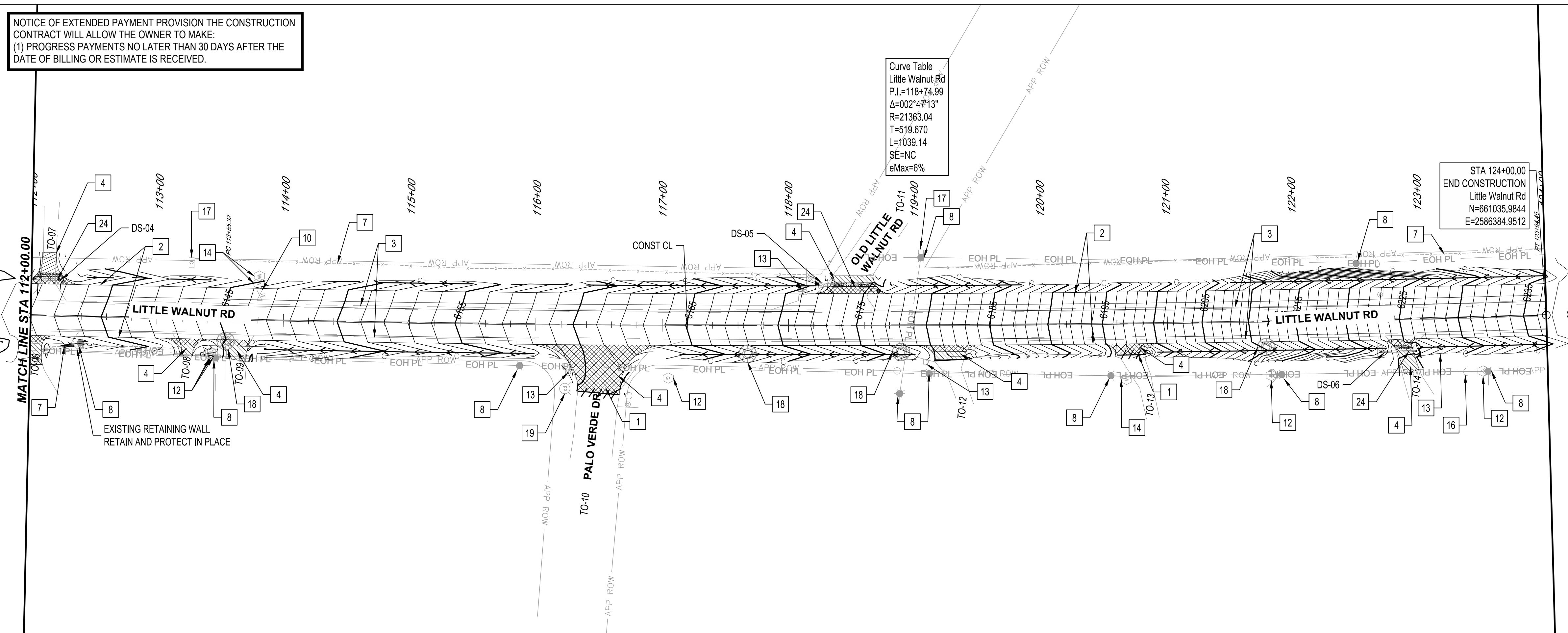
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NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
 (1) PROGRESS PAYMENTS NO LATER THAN 30 DAYS AFTER THE DATE OF BILLING OR ESTIMATE IS RECEIVED.

Curve Table
 Little Walnut Rd
 P.I.=118+74.99
 $\Delta=002^{\circ}47'13''$
 R=21363.04
 T=519.670
 L=1039.14
 SE=NC
 eMax=6%

STA 124+00.00
 END CONSTRUCTION
 Little Walnut Rd
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 E=2586384.9512

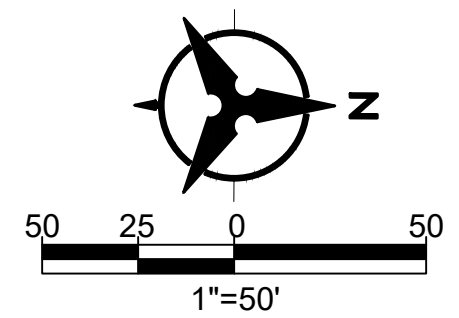


GENERAL NOTES:

1. PLAN VIEW DIMENSIONS ARE TO LIMITS OF FULL DEPTH PAVEMENT UNLESS OTHERWISE INDICATED.
2. ALL FENCES AND GATES SHALL REMAIN AND BE PROTECTED IN PLACE DURING CONSTRUCTION UNLESS OTHERWISE NOTED.
3. ALL UTILITIES IDENTIFIED TO BE RELOCATED WILL BE MOVED BY OTHERS.

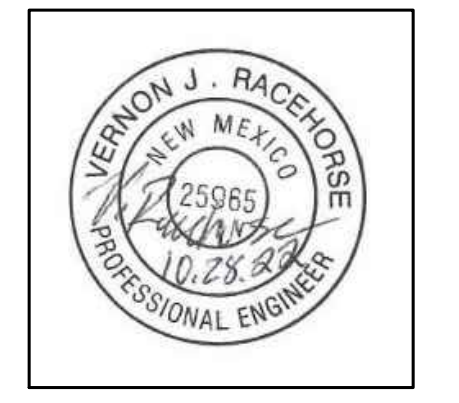
KEYED NOTES:

- 1 SAWCUT, REMOVE, AND DISPOSE OF EXISTING PAVEMENT. LIMITS OF PAVEMENT REMOVAL.
- 2 EDGE OF PROPOSED PAVEMENT.
- 3 EDGE OF EXISTING PAVEMENT.
- 4 BUILD TURNOUT - SEE TURNOUT DETAILS FOR INFORMATION.
- 5 EXISTING CULVERT TO REMAIN.
- 6 BUILD NEW CULVERT.
- 7 EXISTING FENCE.
- 8 EXISTING UTILITY/POLE TO REMAIN. PROTECT IN PLACE.
- 9 REMOVE AND RELOCATE EXISTING FIRE HYDRANT.
- 10 EXISTING WATER VALVE. ADJUST TO GRADE.
- 11 EXISTING WALLS. RETAIN AND PROTECT.
- 12 RETAIN AND PROTECT EXISTING GAS METER.
- 13 REMOVE AND RELOCATE EXISTING MAILBOX.
- 14 EXISTING WATER METER ADJUST TO GRADE. RETAIN AND PROTECT.
- 15 EXISTING BURIED UTILITY PEDESTAL. RELOCATE.
- 16 RETAIN AND PROTECT EXISTING PULL BOX/GUY WIRE.
- 17 RETAIN AND PROTECT EXISTING UTILITY PULL BOX.
- 18 EXISTING MANHOLE ADJUST TO GRADE.
- 19 RETAIN AND PROTECT EXISTING FIRE HYDRANT.
- 20 RETAIN AND PROTECT EXISTING CATTLE GAURD.
- 21 ROCK REMOVAL EXCAVATION.
- 22 EXISTING MAILBOX TO REMAIN IN PLACE.
- 23 EXISTING BOLLARDS TO BE REMOVED.
- 24 REMOVE EXISTING CULVERT, BUILD VALLEY GUTTER.
- 25 EXISTING FENCE REMOVE AND RESET.



BENCH MARKS

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AS-BUILT INFORMATION

NO.	DATE	BY	CONTRACTOR		WORK STAGED BY		INSPECTORS ACCEPTANCE BY		FIELD VERIFICATION BY		DRAWINGS CORRECTED BY	
			DATE	DATE	DATE	DATE	DATE	DATE				

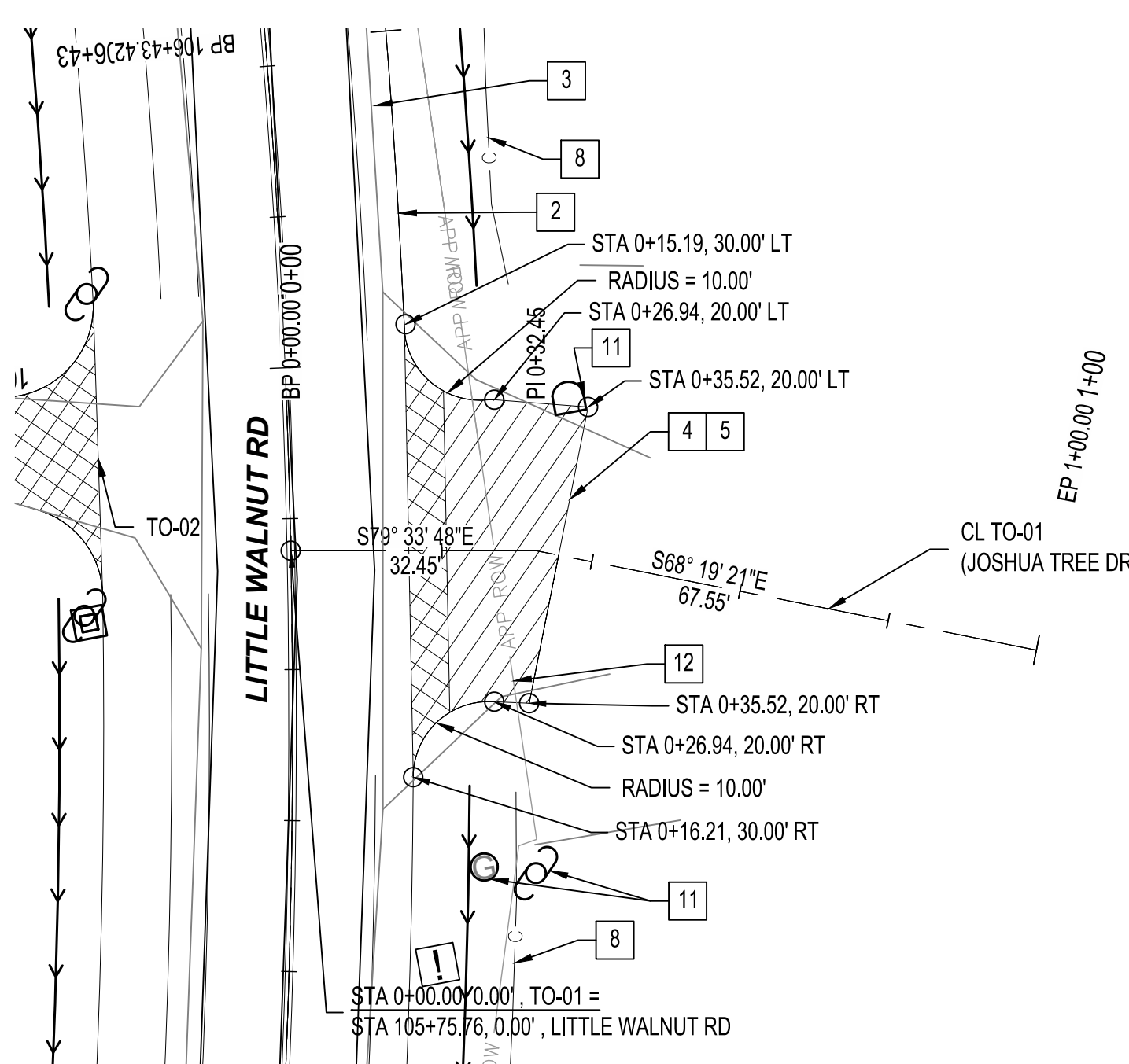
REVISIONS

NO.	DATE	DESIGNED BY	CHECKED BY	DRAWN BY

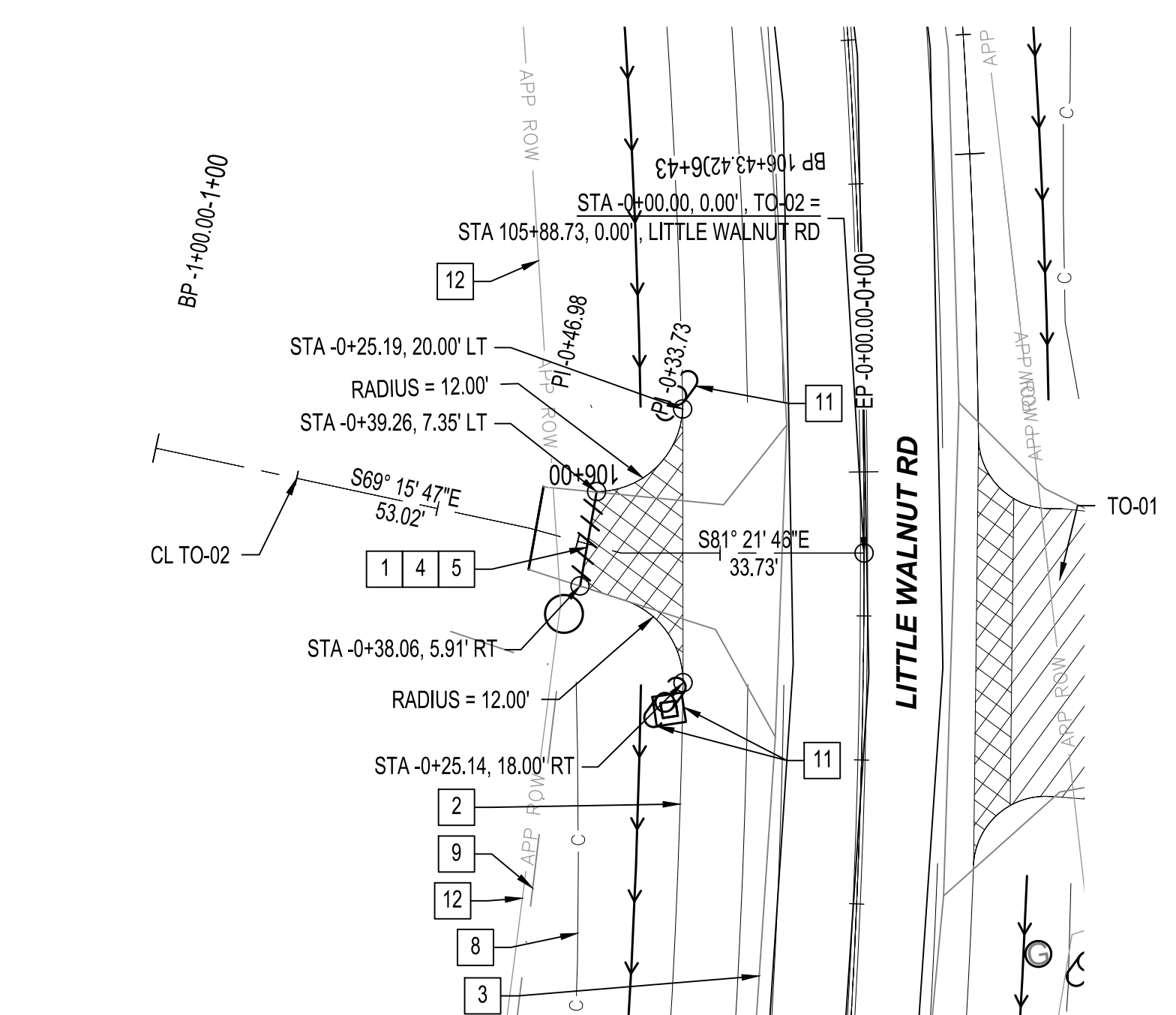


GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN
PLAN AND PROFILE
STA 112+00.00 TO STA 124+00.00

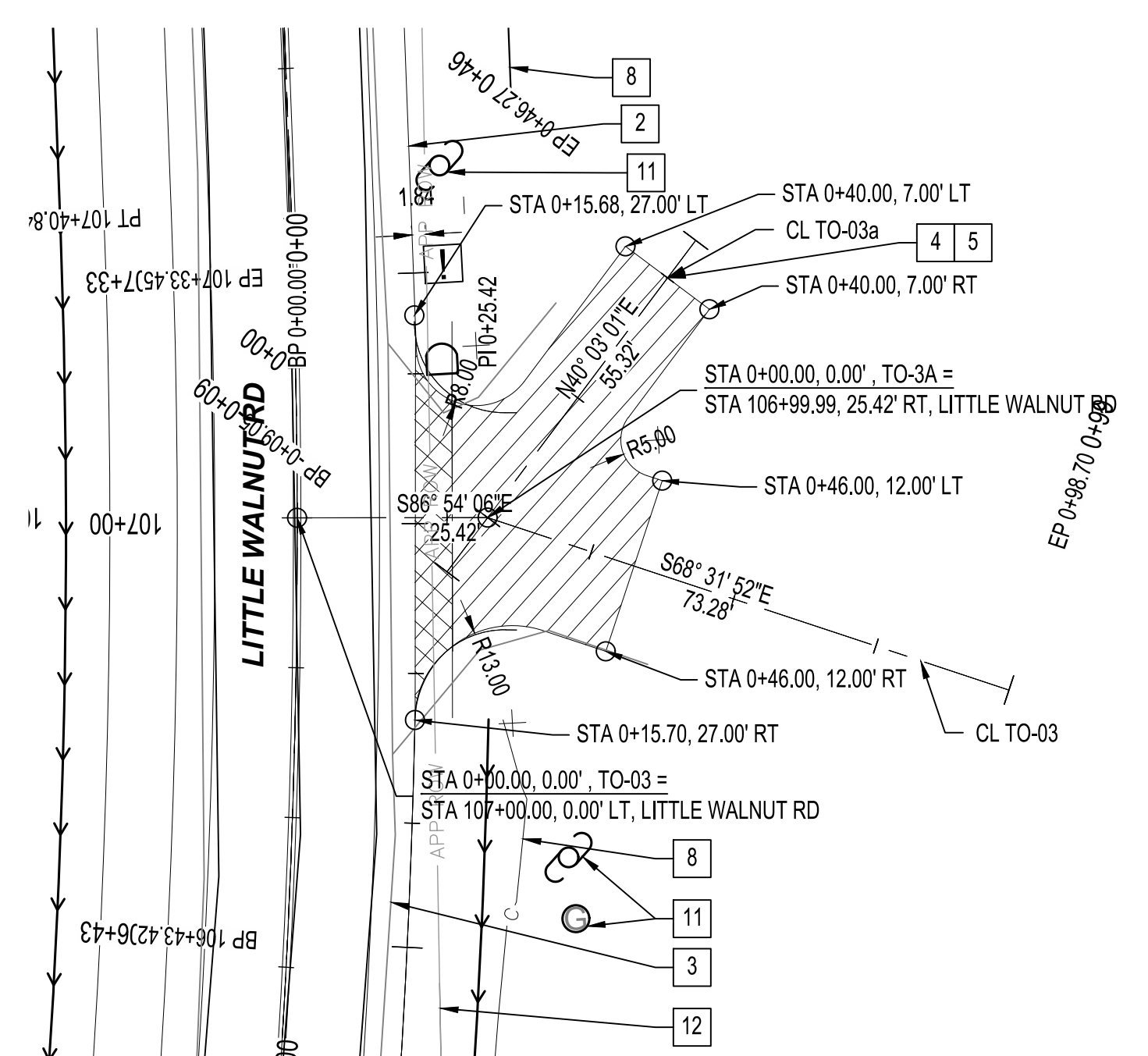
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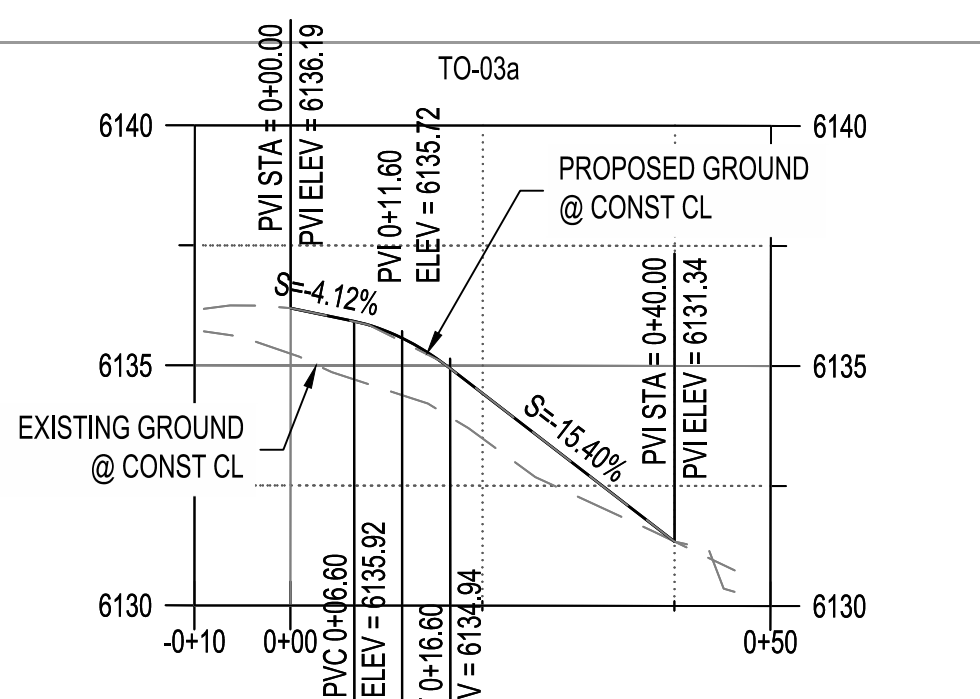
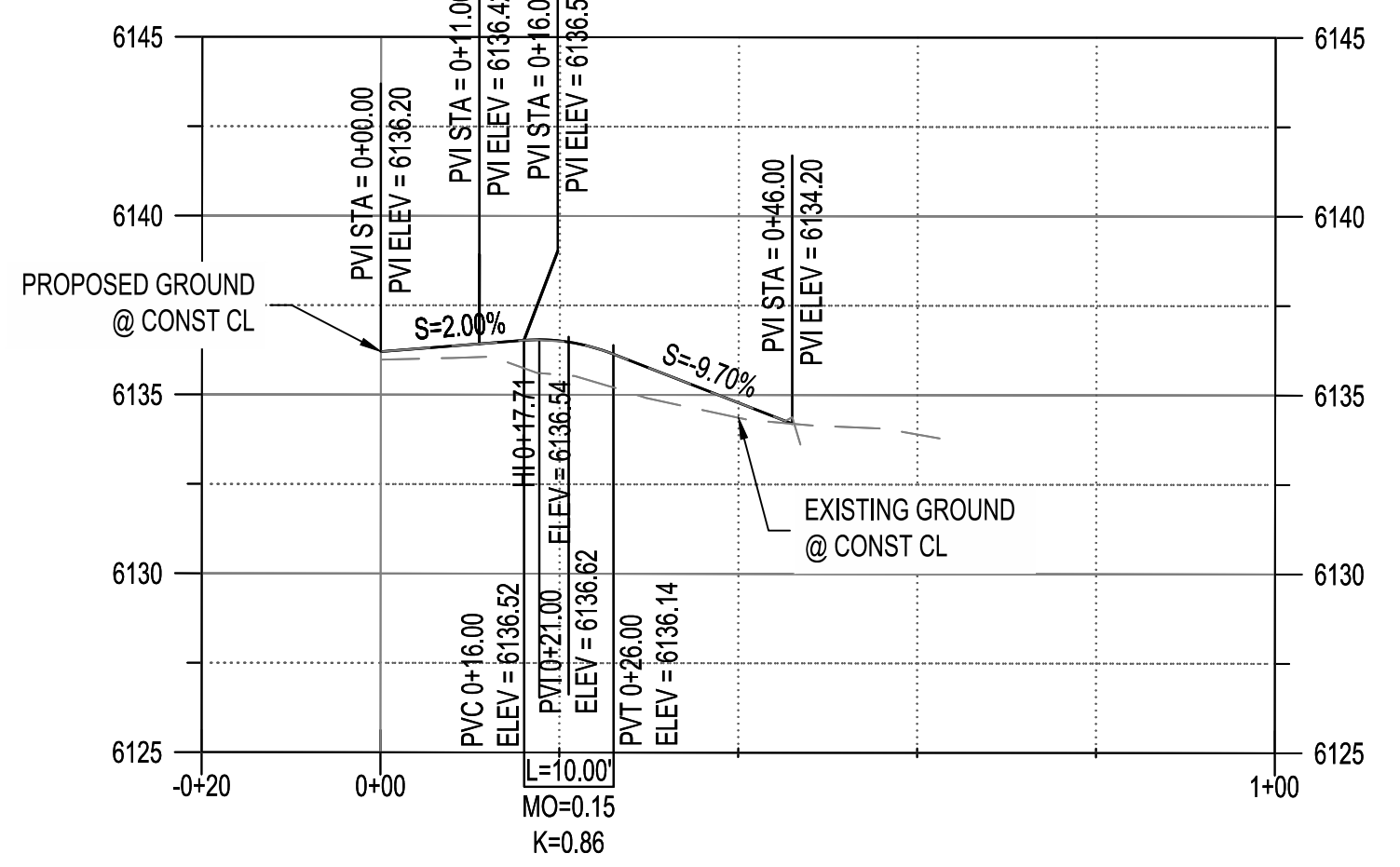
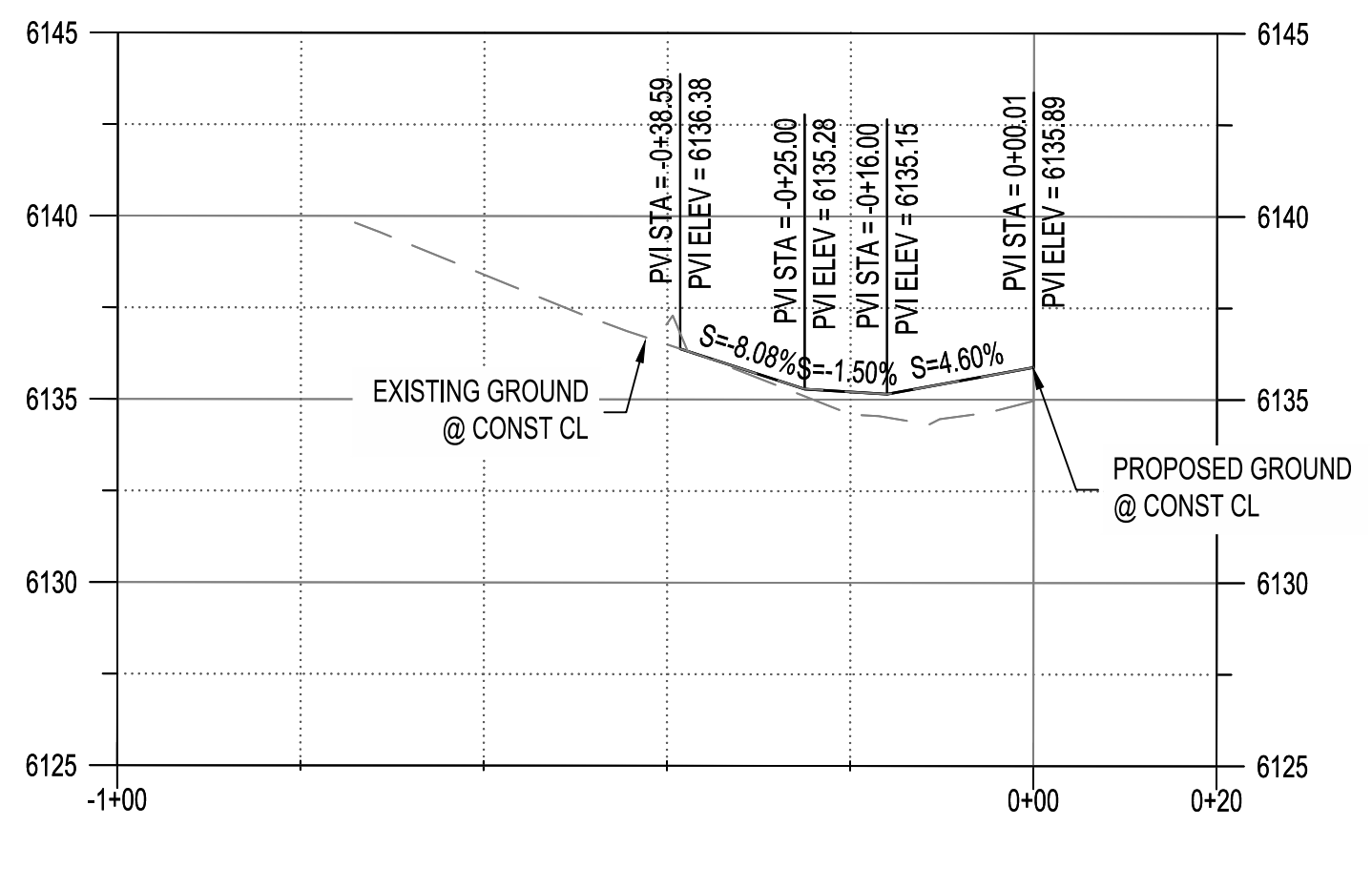
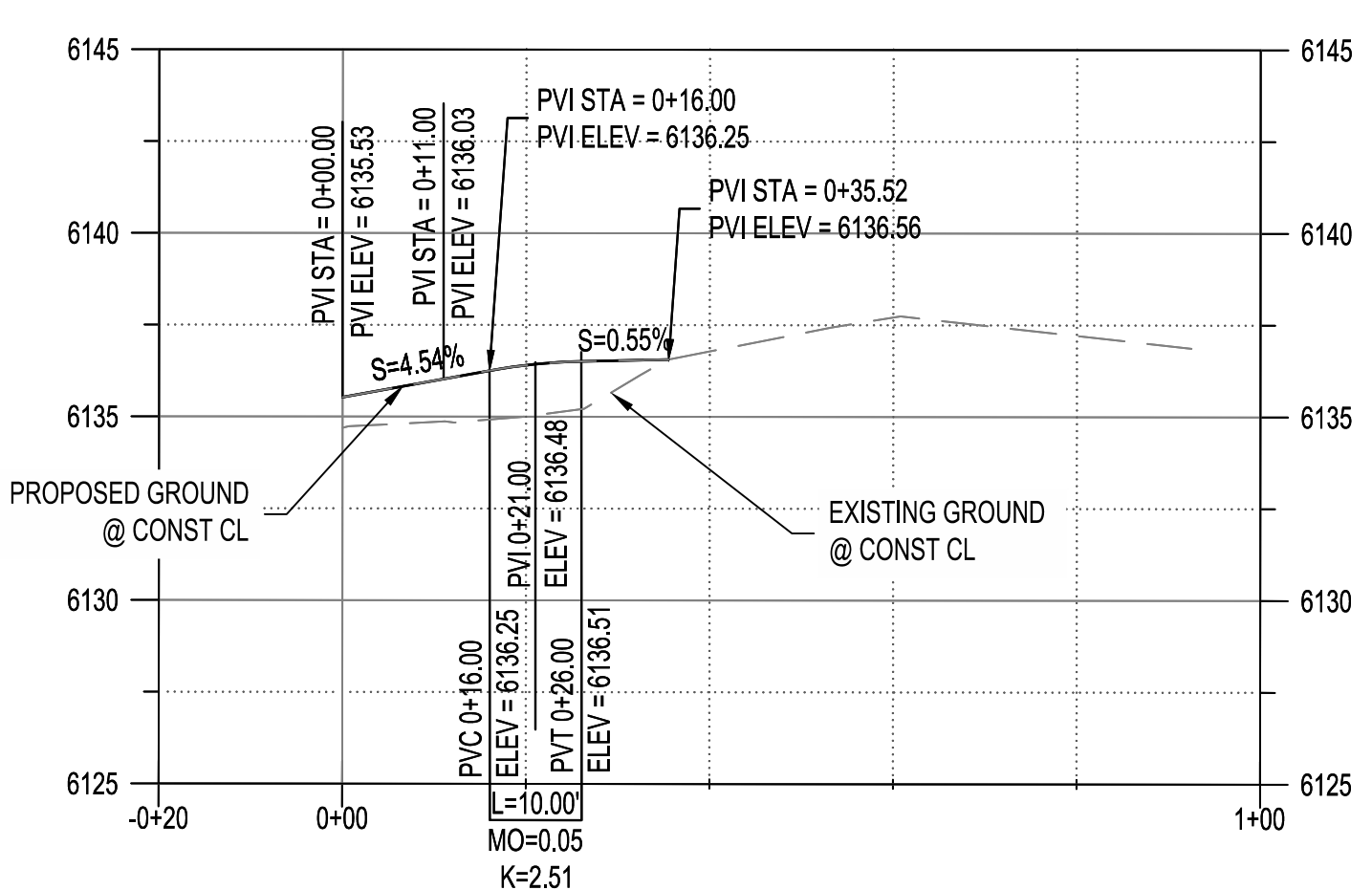
TO-01 (JOSHUA TREE DR)



TO-02



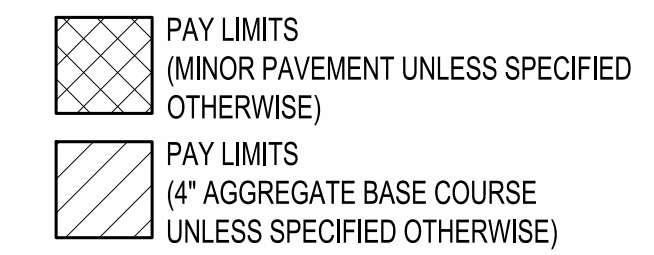
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CONSTRUCTION NOTES:

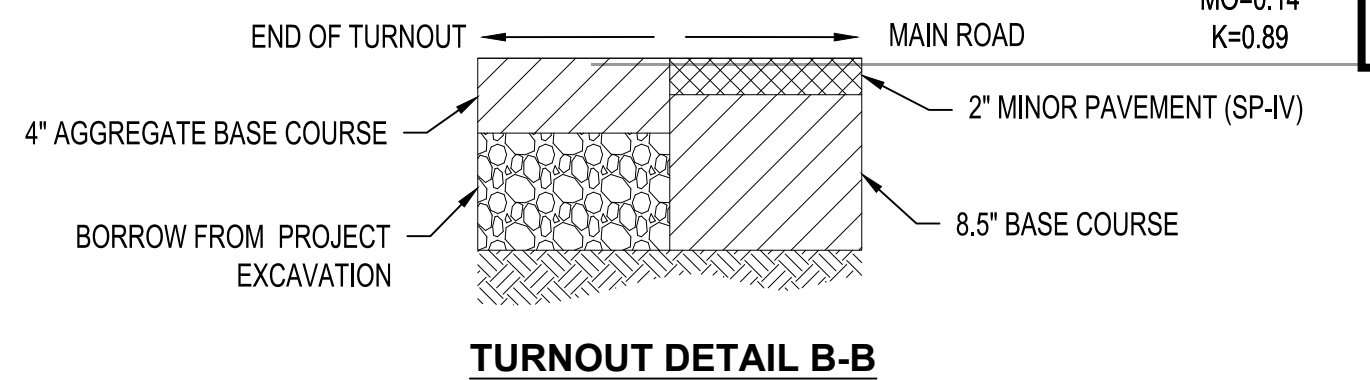
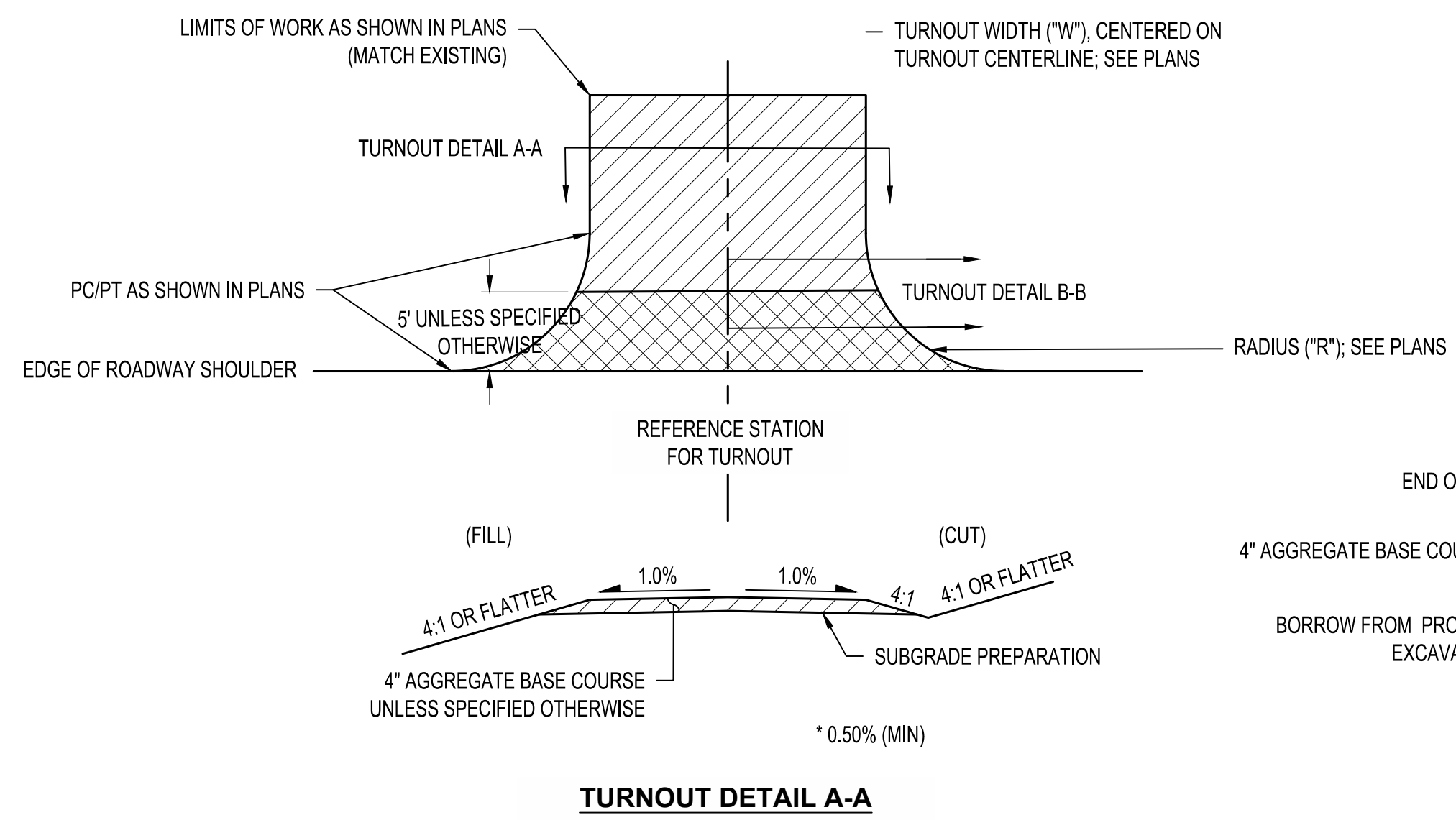
- 1. DIMENSIONS ARE TO LIMITS OF FULL DEPTH PAVEMENT/ BASE COURSE UNLESS OTHERWISE INDICATED.
2. ALL FENCES AND GATES SHALL REMAIN AND BE PROTECTED IN PLACE DURING CONSTRUCTION.

LEGEND



KEYED NOTES:

- 1 SAWCUT, REMOVE, AND DISPOSE OF EXISTING PAVEMENT. LIMITS OF PAVEMENT REMOVAL.
2 EDGE OF PROPOSED PAVEMENT.
3 EDGE OF EXISTING PAVEMENT.
4 BUILD TURNOUT - SEE TURNOUT DETAILS FOR INFORMATION.
5 MATCH EXISTING.
6 EXISTING CULVERT, REMOVE AND DISPOSE.
7 BUILD NEW CULVERT - SEE ABOVE FOR MORE INFORMATION.
8 SLOPE LIMITS.
9 EXISTING FENCE.
10 REMOVE AND REPLACE.
11 RETAIN AND PROTECT.
12 APPROXIMATE RIGHT OF WAY.
13 MANHOLE ADJUSTMENT.
14 WATER VALVE ADJUSTMENT.



NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE: (1) PROGRESS PAYMENTS NO LATER THAN 30 DAYS AFTER THE DATE OF BILLING OR ESTIMATE IS RECEIVED.



GRANT COUNTY PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN

TURNOUT DETAILS 1 OF 5

BHI PROJECT NO. 20210361 DWG NO. 4-01 SHEET 15 OF 31

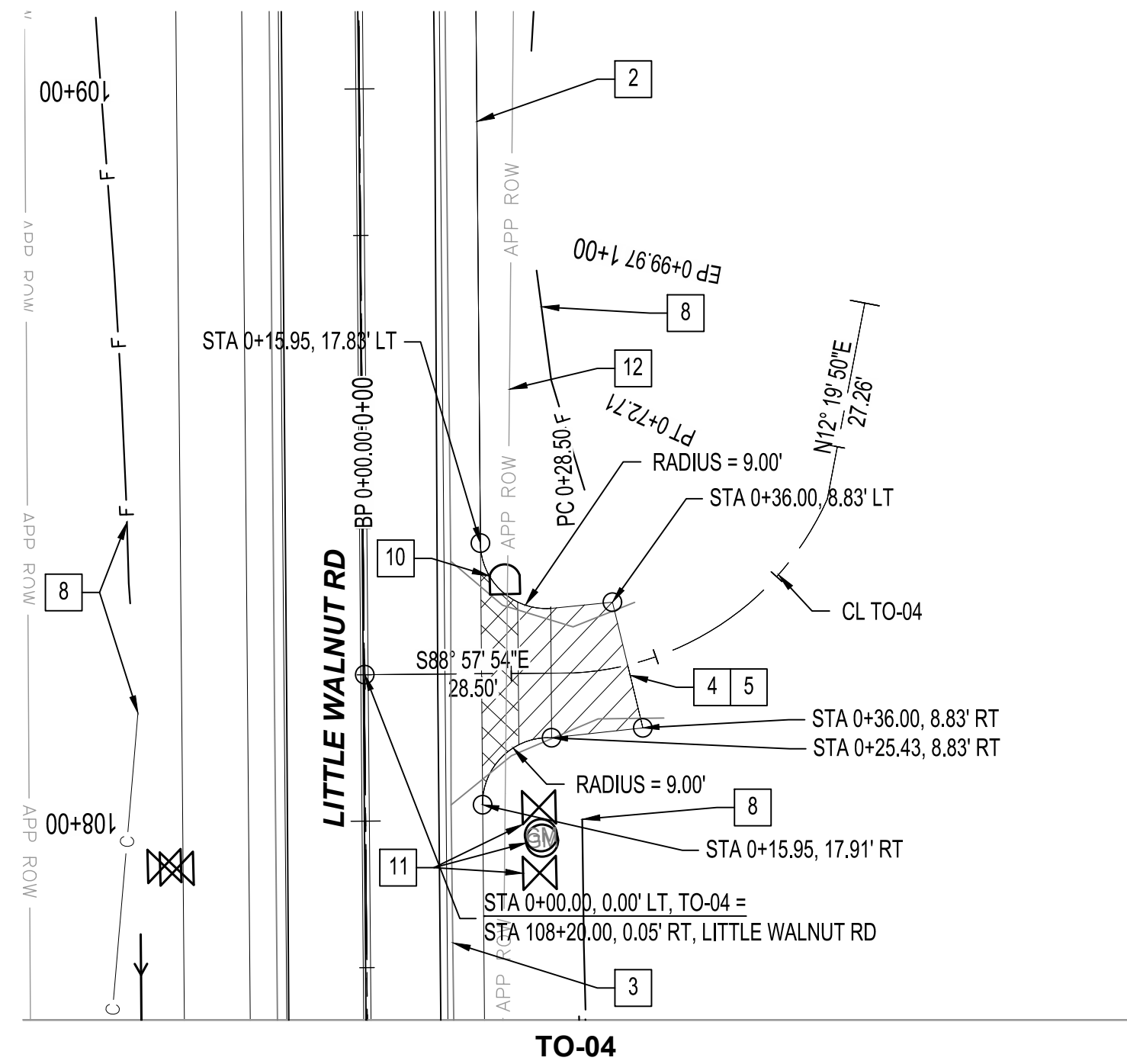
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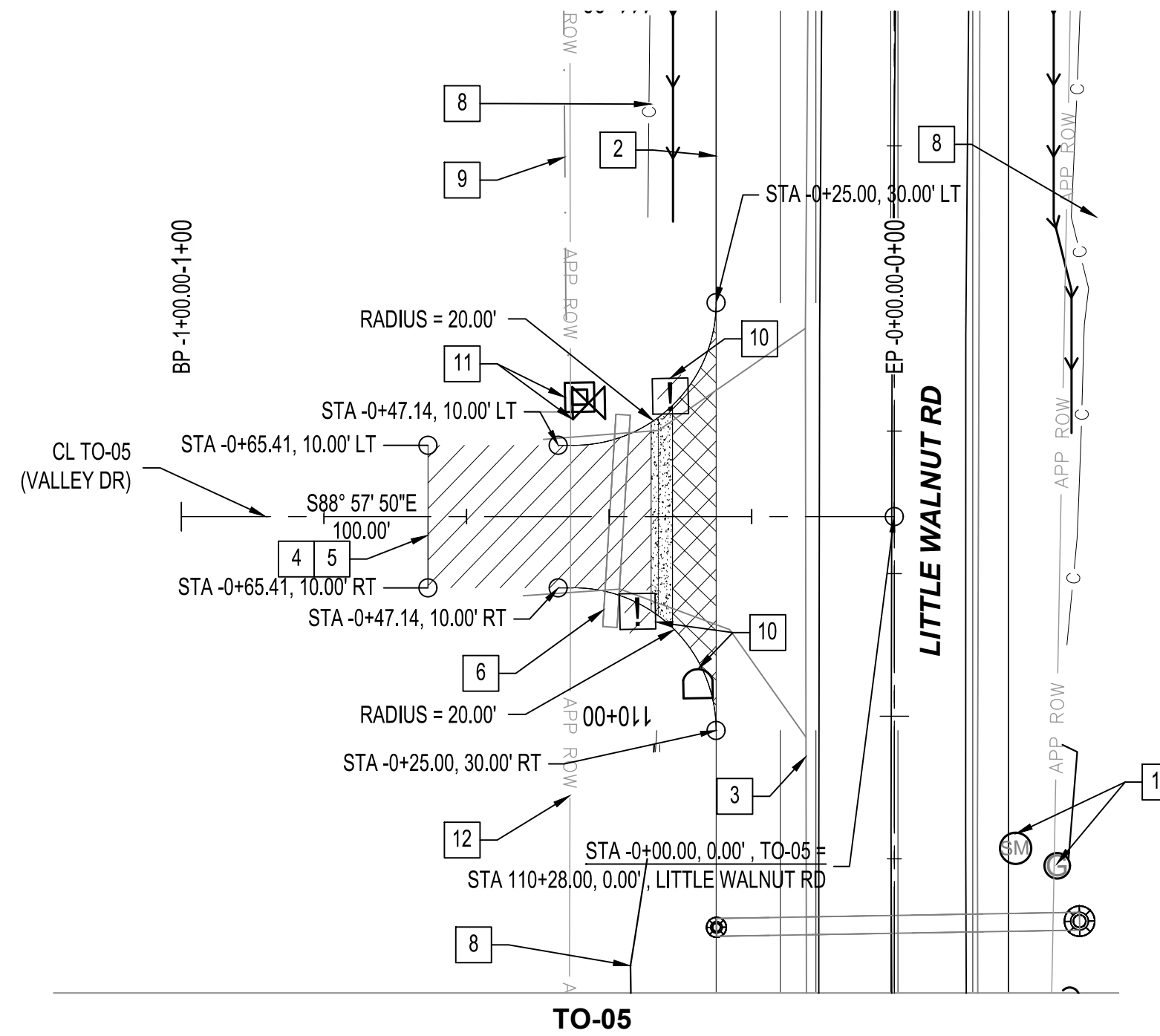
Table with columns for AS-BUILT INFORMATION including Contractor, Work Started By, Inspectors, Acceptance By, Field Verification By, Drawings, and Corrected By.

Table with columns for REVISIONS including No., Date, and Description.

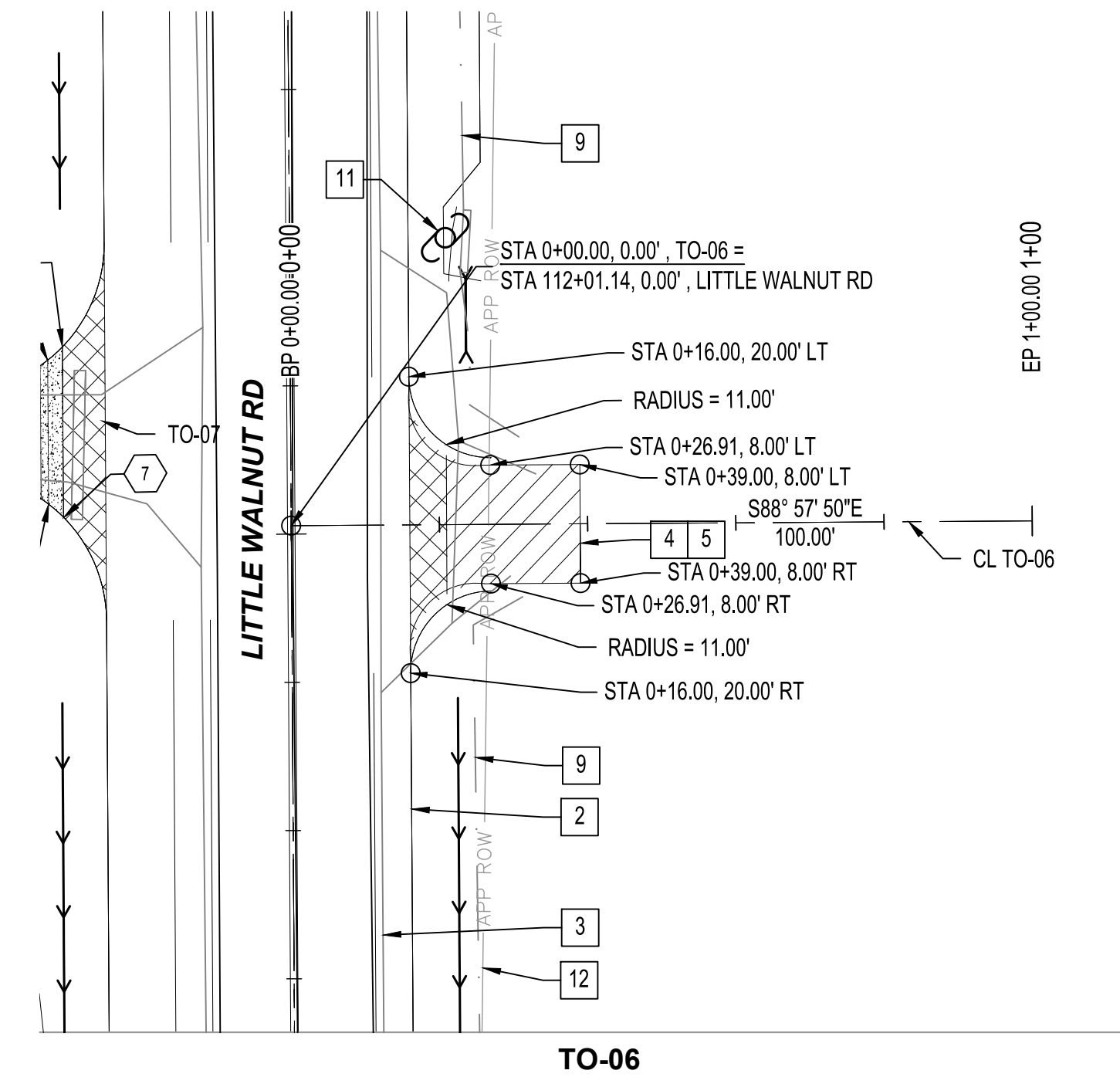
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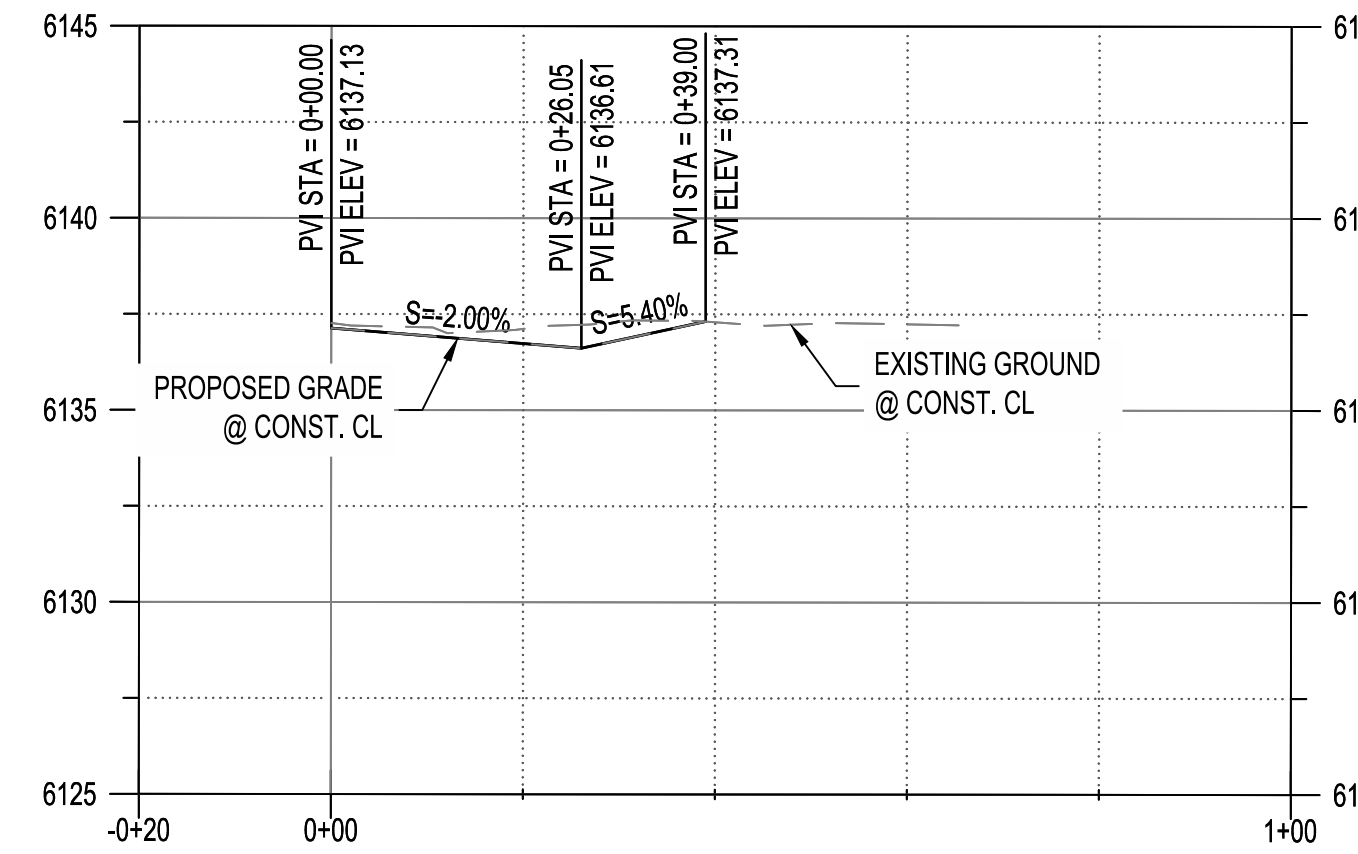
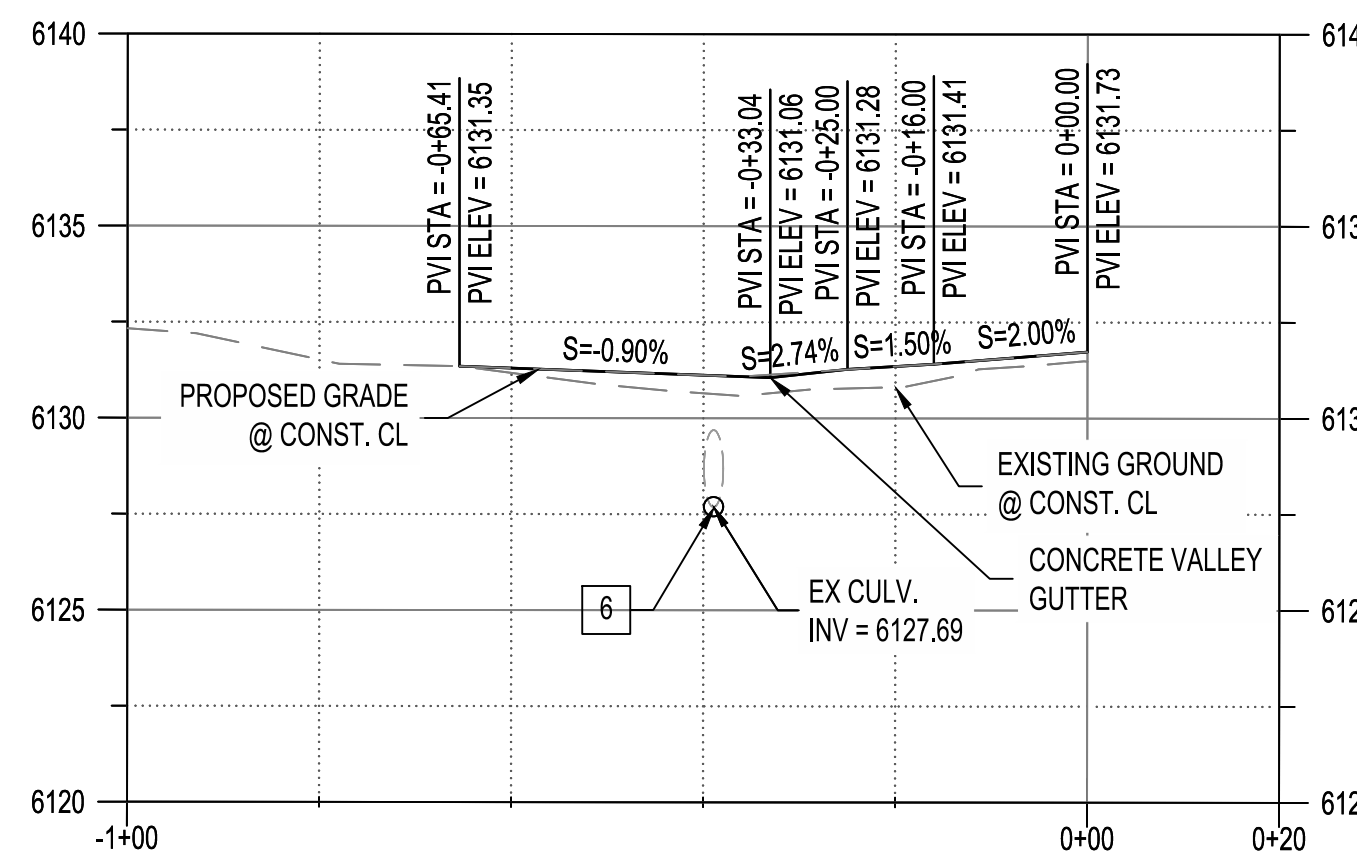
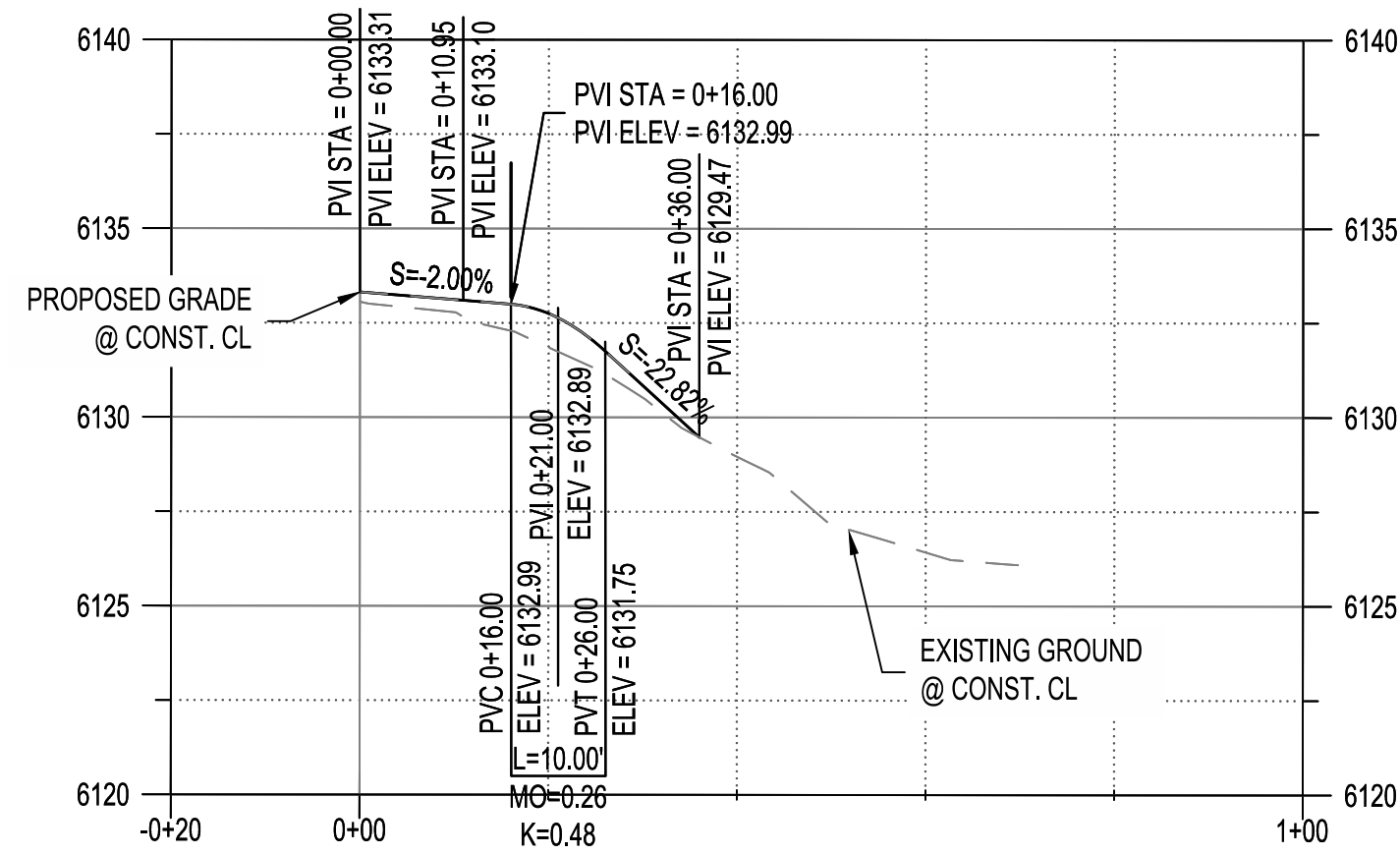
TO-04



TO-05
(VALLEY DR)



TO-06



CONSTRUCTION NOTES:

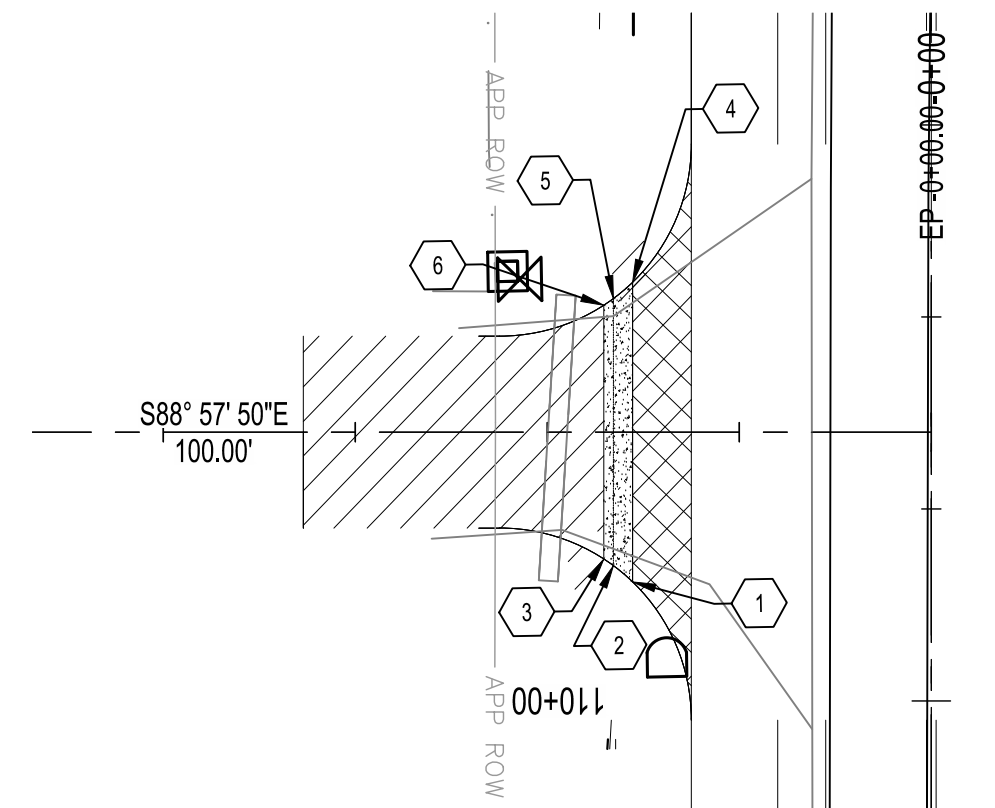
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- ALL FENCES AND GATES SHALL REMAIN AND BE PROTECTED IN PLACE DURING CONSTRUCTION.

LEGEND

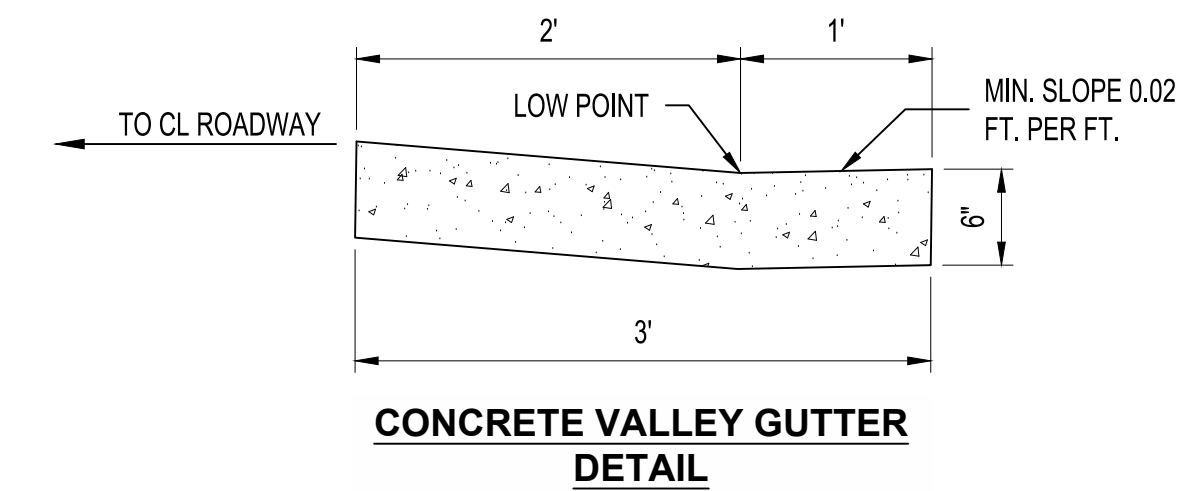
- PAY LIMITS (MINOR PAVEMENT UNLESS SPECIFIED OTHERWISE)
- PAY LIMITS (4" AGGREGATE BASE COURSE UNLESS SPECIFIED OTHERWISE)

KEYED NOTES:

- SAWCUT, REMOVE, AND DISPOSE OF EXISTING PAVEMENT. LIMITS OF PAVEMENT REMOVAL.
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- EDGE OF EXISTING PAVEMENT.
- BUILD TURNOUT - SEE TURNOUT DETAILS FOR INFORMATION.
- MATCH EXISTING.
- EXISTING CULVERT, REMOVE AND DISPOSE.
- BUILD NEW CULVERT - SEE ABOVE FOR MORE INFORMATION.
- SLOPE LIMITS
- EXISTING FENCE
- REMOVE AND REPLACE
- RETAIN AND PROTECT
- APPROXIMATE RIGHT OF WAY
- MANHOLE ADJUSTMENT
- WATER VALVE ADJUSTMENT



TO-05
CONCRETE VALLEY GUTTER



CONCRETE VALLEY GUTTER
DETAIL

Point Table						
STATION	OFFSET	ELEVATION	NORTHING	EASTING	ALIGNMENT	DESCRIPTION
1	-0+31.12	15.60' RT	6131.11	659649.12	2586354.29	TO-05 TO MATCH ASPHALT EDGE
2	-0+33.12	13.91' RT	6131.06	659650.85	2586352.32	TO-05 LOW POINT
3	-0+34.12	13.22' RT	6131.07	659651.56	2586351.33	TO-05 END OF VALLEY GUTTER
4	-0+31.12	15.60' LT	6131.11	659680.33	2586354.86	TO-05 TO MATCH ASPHALT EDGE
5	-0+33.12	13.91' LT	6131.06	659678.67	2586352.83	TO-05 LOW POINT
6	-0+34.12	13.22' LT	6131.07	659678.00	2586351.81	TO-05 END OF VALLEY GUTTER

NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
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Bohannon Huston
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GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN

TURNOUT DETAILS 2 OF 5

BENCH MARKS

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AS-BUILT INFORMATION

CONTRACTOR	DATE
WORK STAMPED BY	DATE
INSPECTORS ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

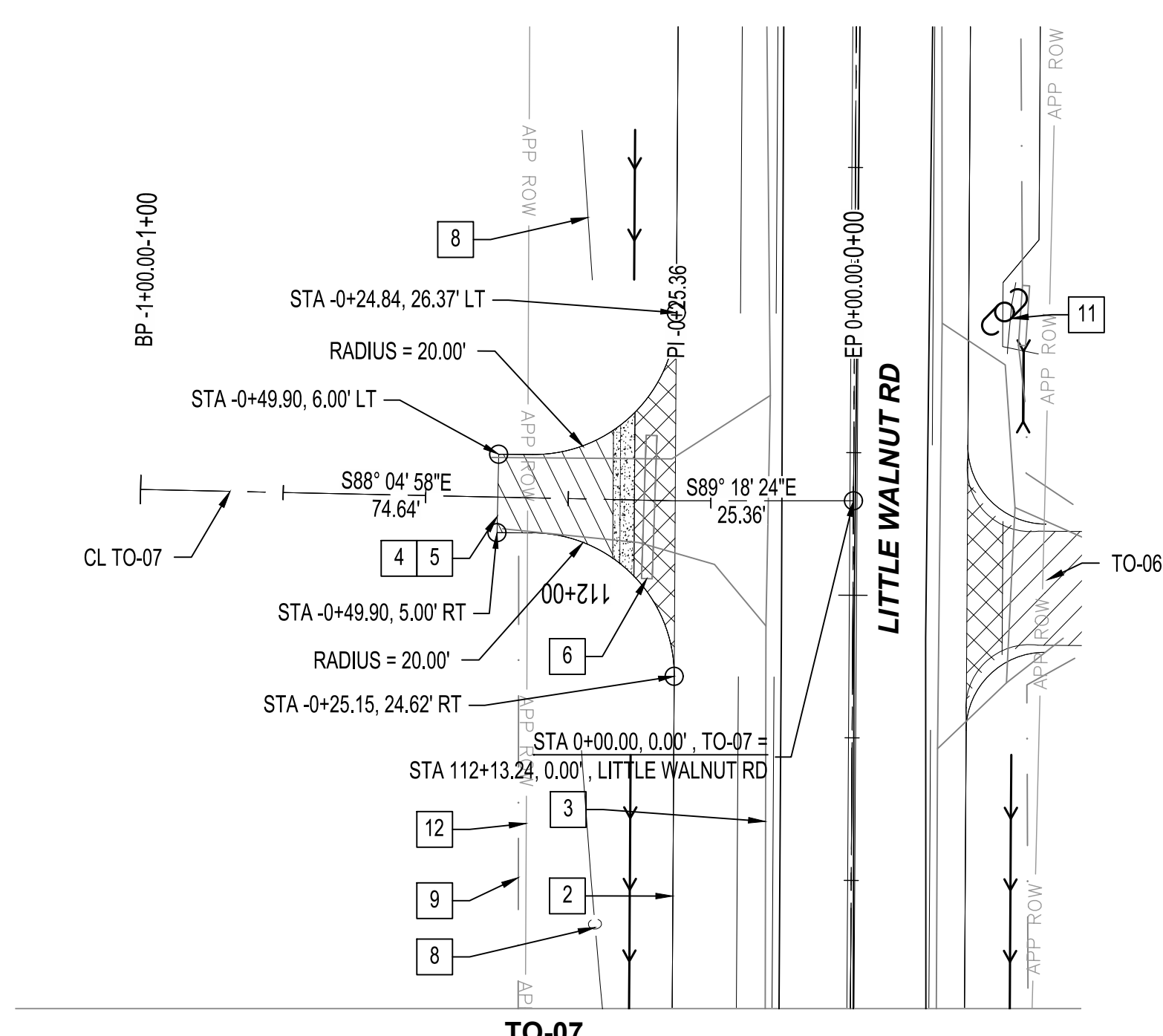
REVISIONS

NO.	DATE	BY

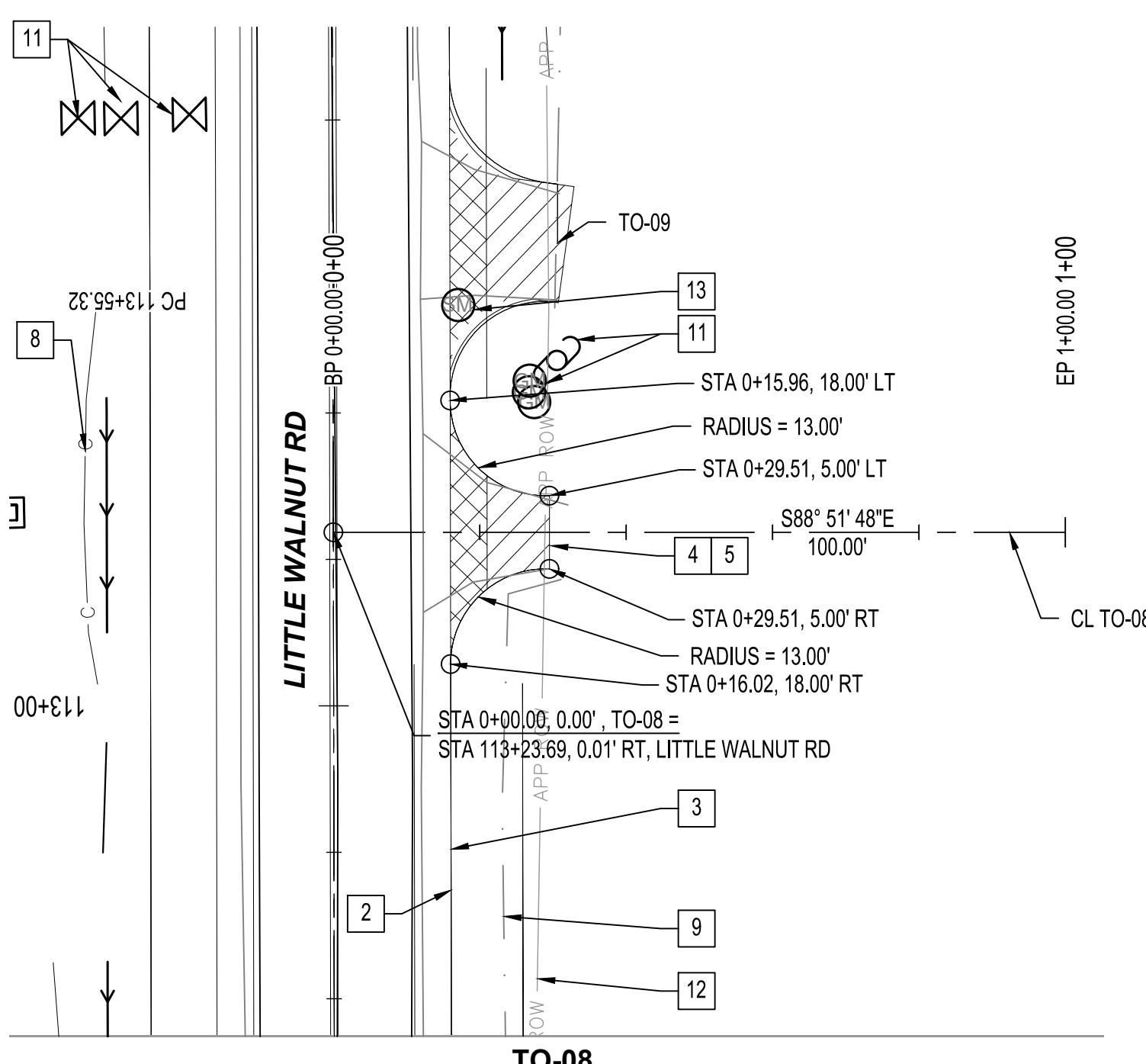
DESIGN

DESIGNED BY	CHECKED BY	DRAWN BY
VR	JUB	VM

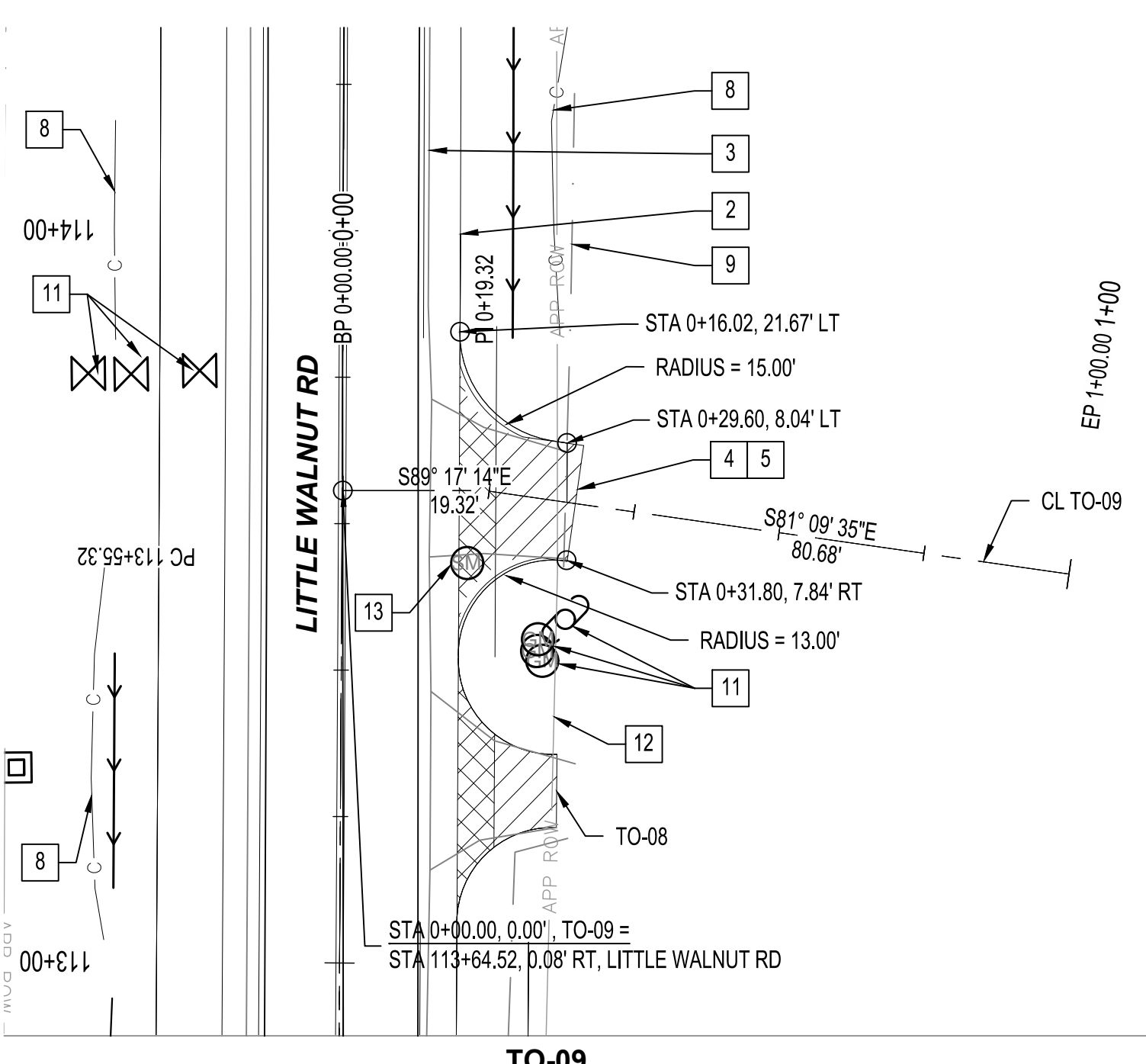
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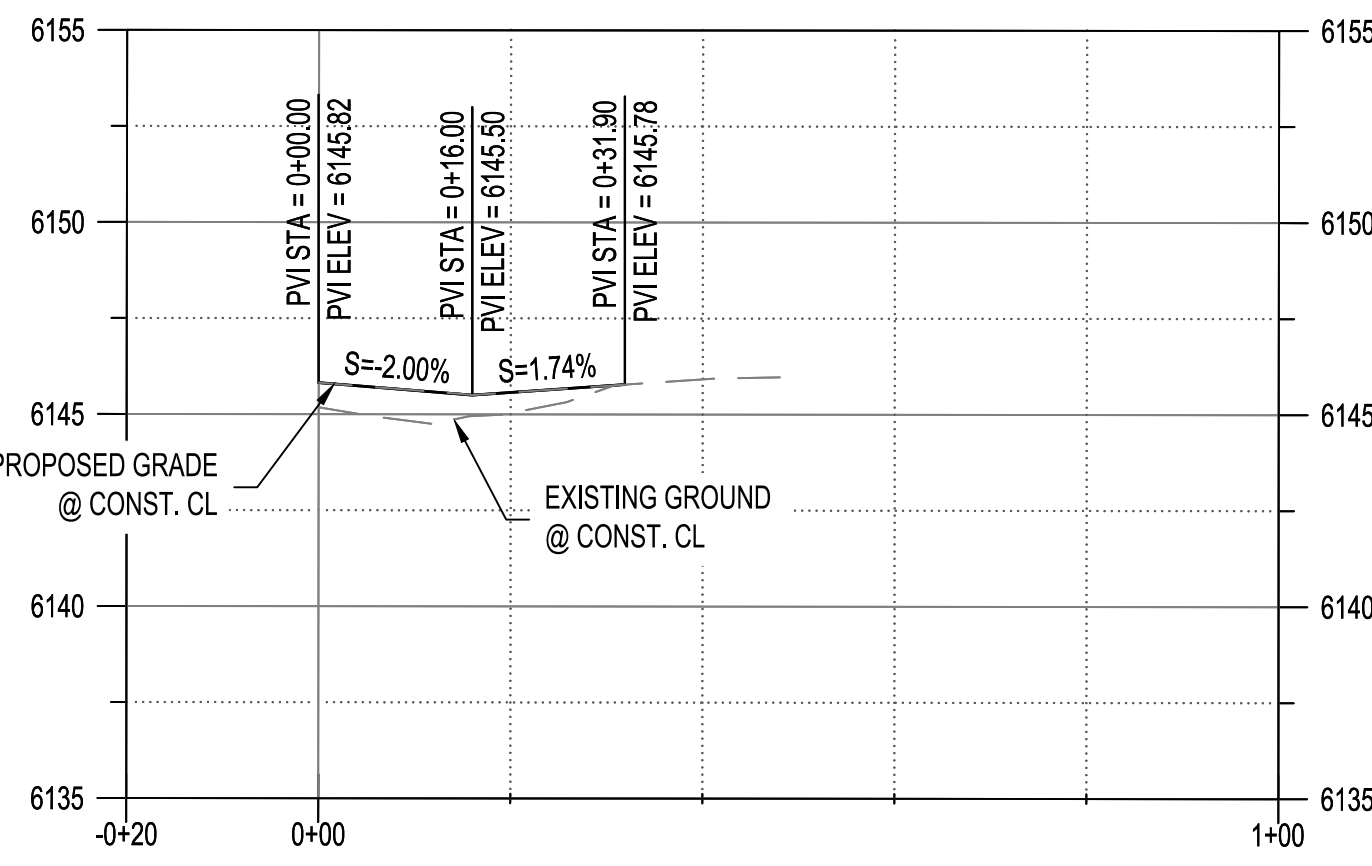
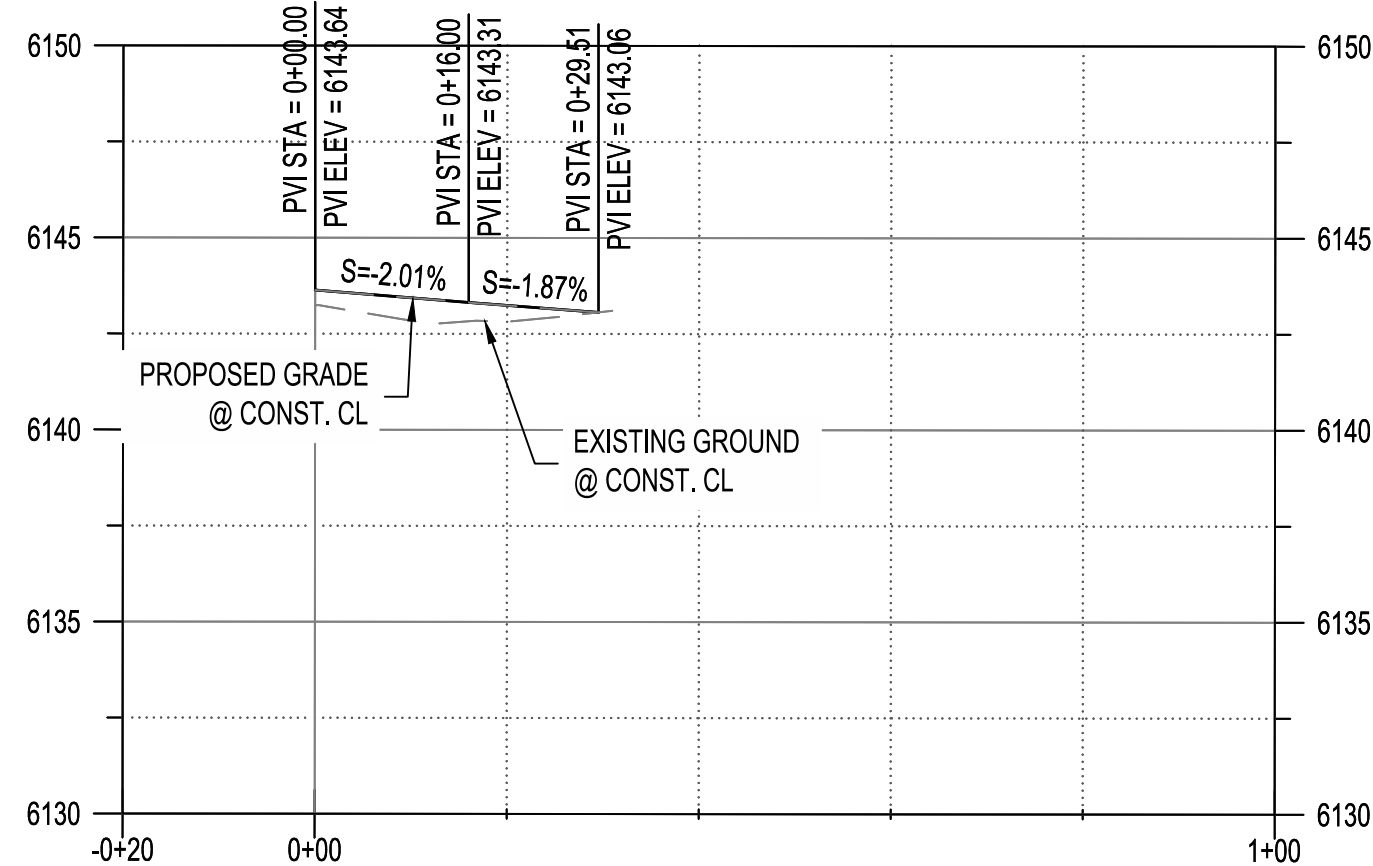
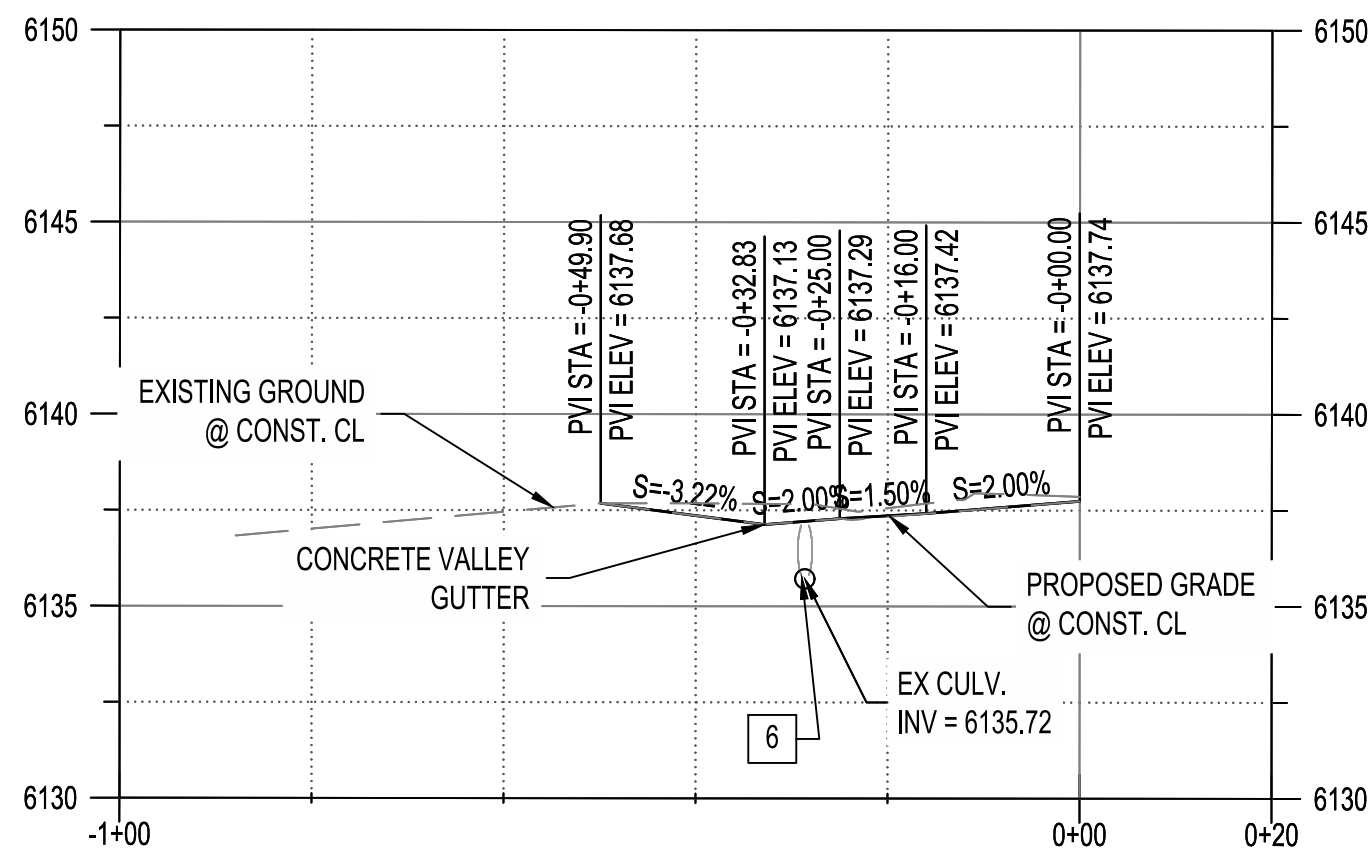
TO-07



TO-08



TO-09



CONSTRUCTION NOTES:

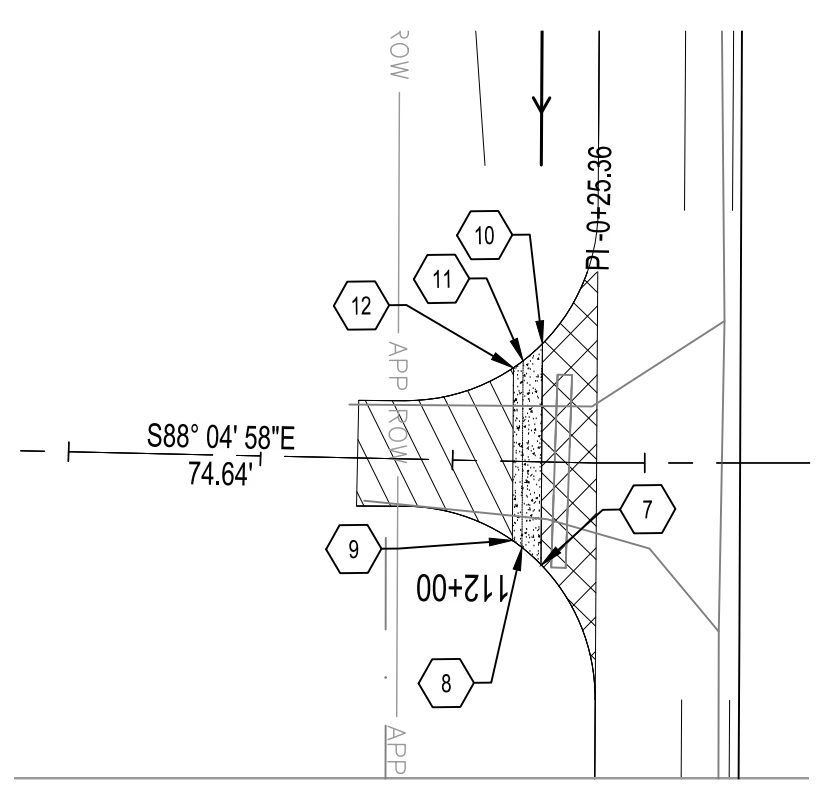
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KEYED NOTES:

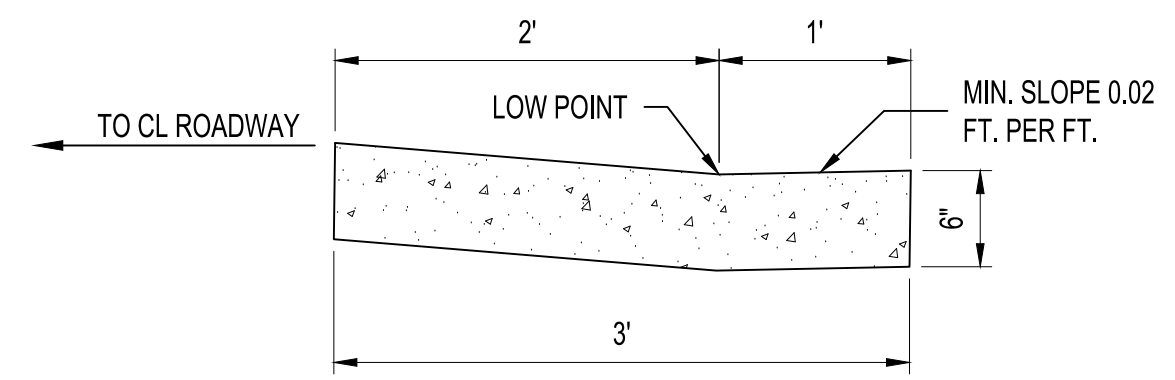
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- EXISTING CULVERT, REMOVE AND DISPOSE.
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- SLOPE LIMITS
- EXISTING FENCE
- REMOVE AND REPLACE
- RETAIN AND PROTECT
- APPROXIMATE RIGHT OF WAY
- MANHOLE ADJUSTMENT
- WATER VALVE ADJUSTMENT

LEGEND

- PAY LIMITS (MINOR PAVEMENT UNLESS SPECIFIED OTHERWISE)
- PAY LIMITS (4" AGGREGATE BASE COURSE UNLESS SPECIFIED OTHERWISE)



TO-07 CONCRETE VALLEY GUTTER



CONCRETE VALLEY GUTTER DETAIL

Point Table						
STATION	OFFSET	ELEVATION	NORTHING	EASTING	ALIGNMENT	DESCRIPTION
7	-0+30.56	10.78' RT	6137.17	659839.09	2586358.12	TO-07 TO MATCH ASPHALT EDGE
8	-0+32.59	8.95' RT	6137.13	659840.98	2586356.15	TO-07 LOW POINT
9	-0+33.60	8.23' RT	6137.15	659841.73	2586355.17	TO-07 END OF VALLEY GUTTER
10	-0+30.91	12.29' LT	6137.17	659862.15	2586358.54	TO-07 TO MATCH ASPHALT EDGE
11	-0+32.89	10.47' LT	6137.13	659860.40	2586356.51	TO-07 LOW POINT
12	-0+33.87	9.73' LT	6137.16	659859.69	2586355.49	TO-07 END OF VALLEY GUTTER

NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
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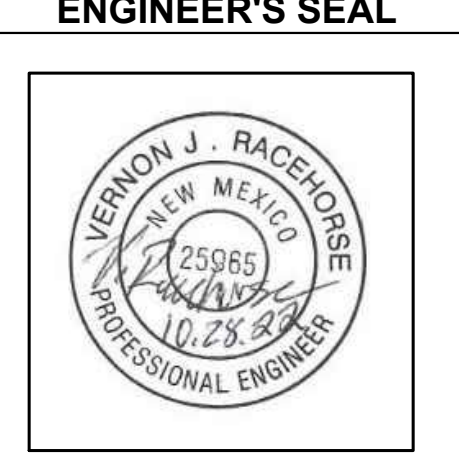
**GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN**

TURNOUT DETAILS 3 OF 5

BHI PROJECT NO.	20210361	DWG NO.	4-03	SHEET	17	OF	31
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BENCH MARKS

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AS-BUILT INFORMATION

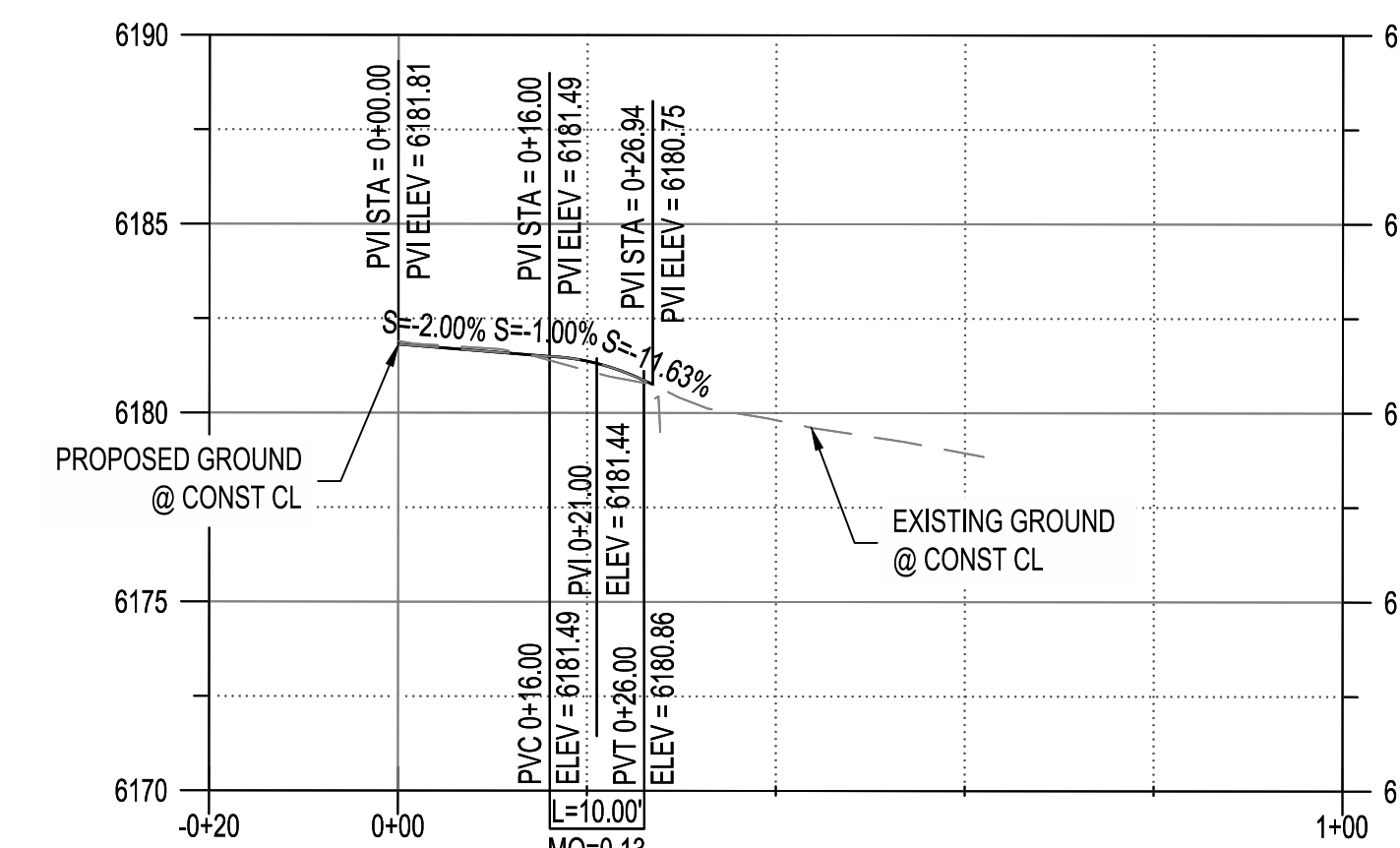
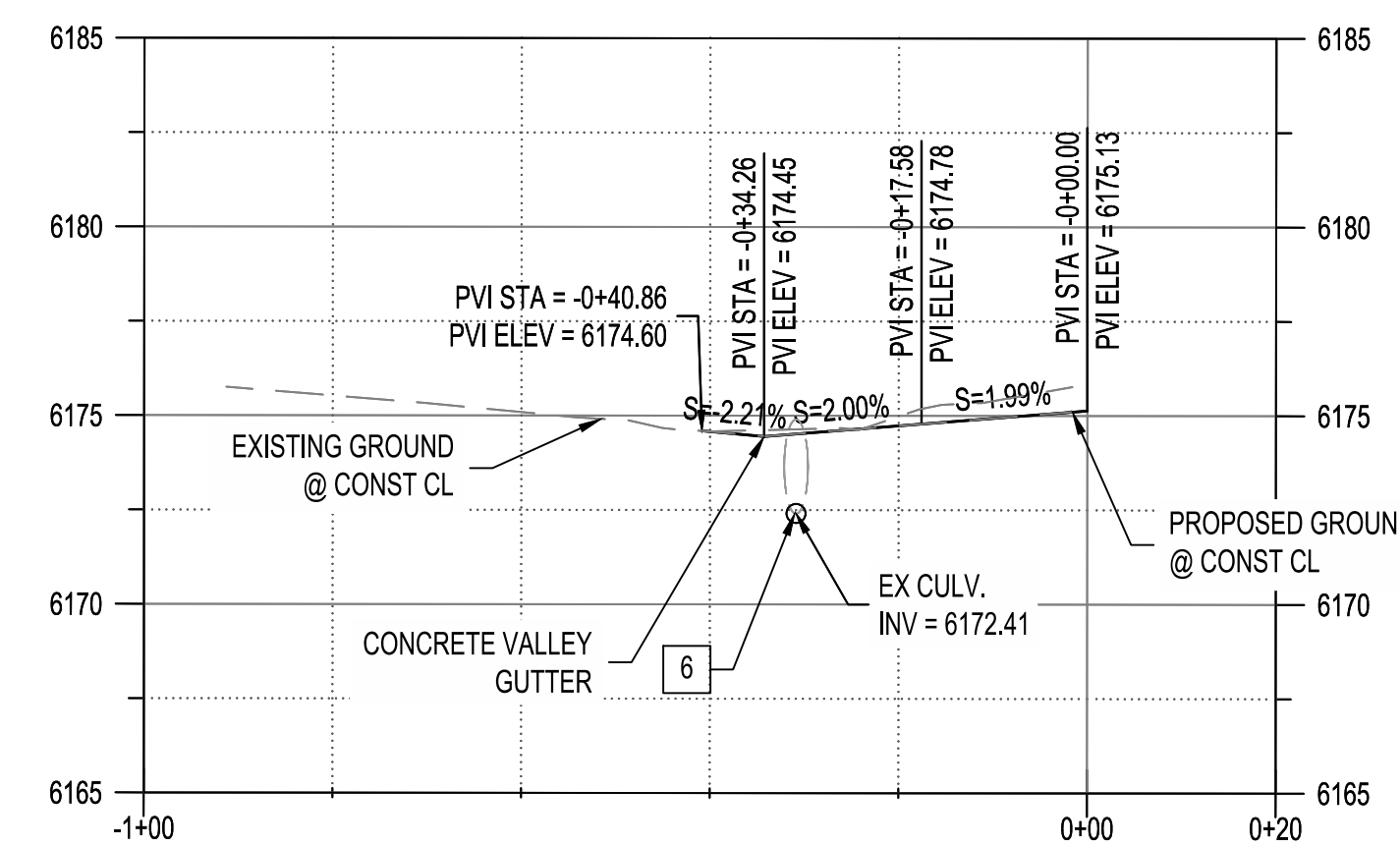
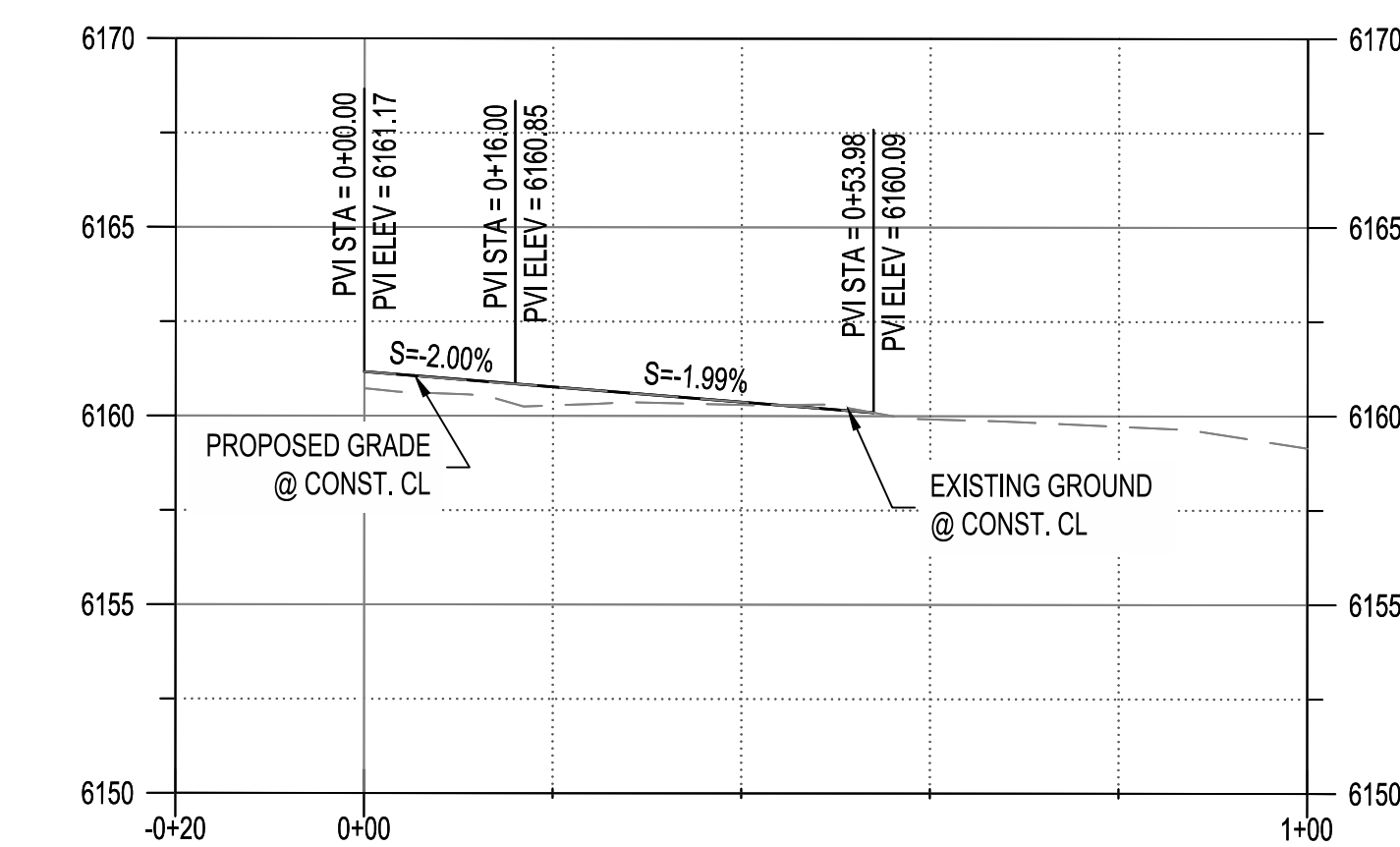
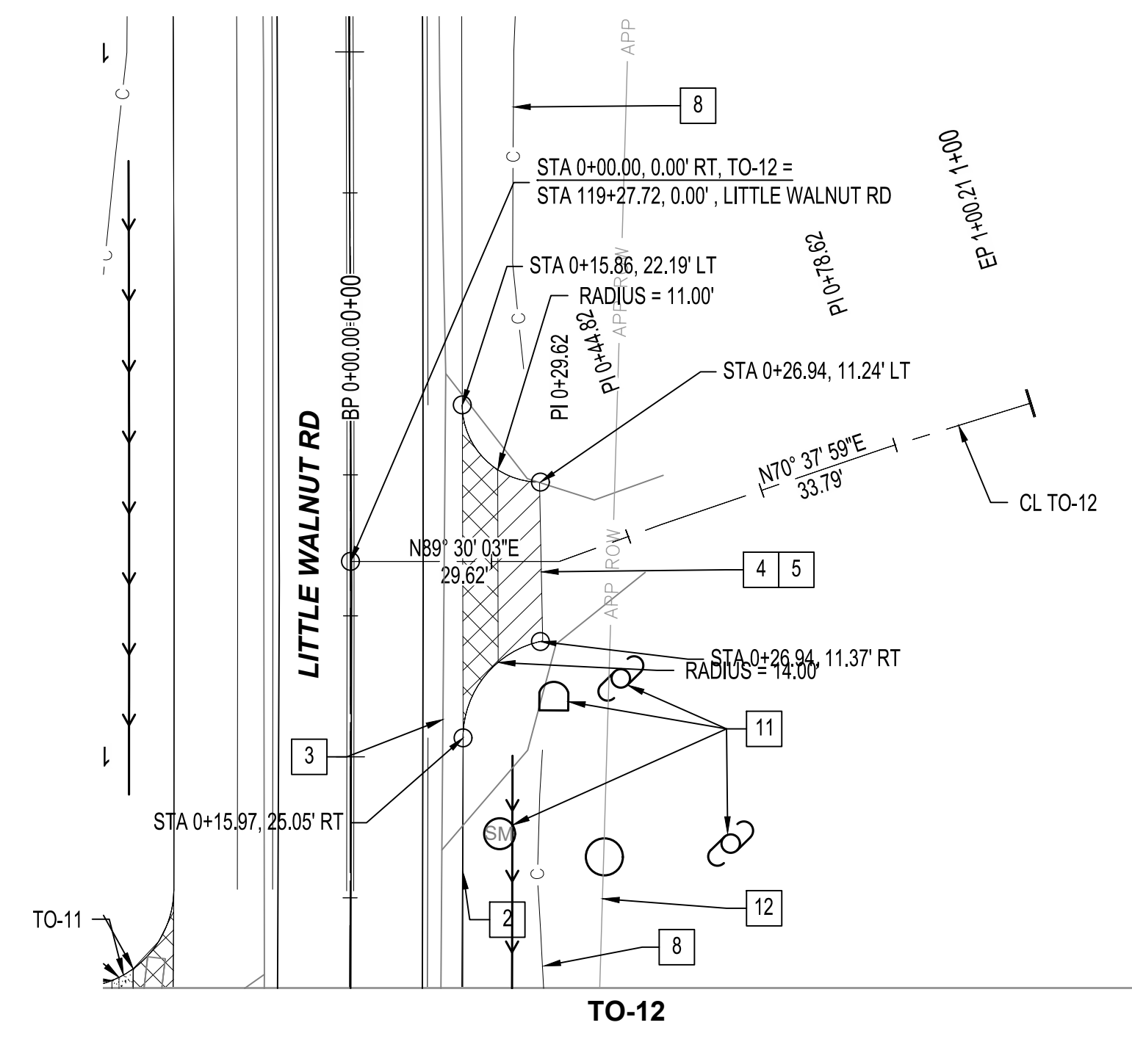
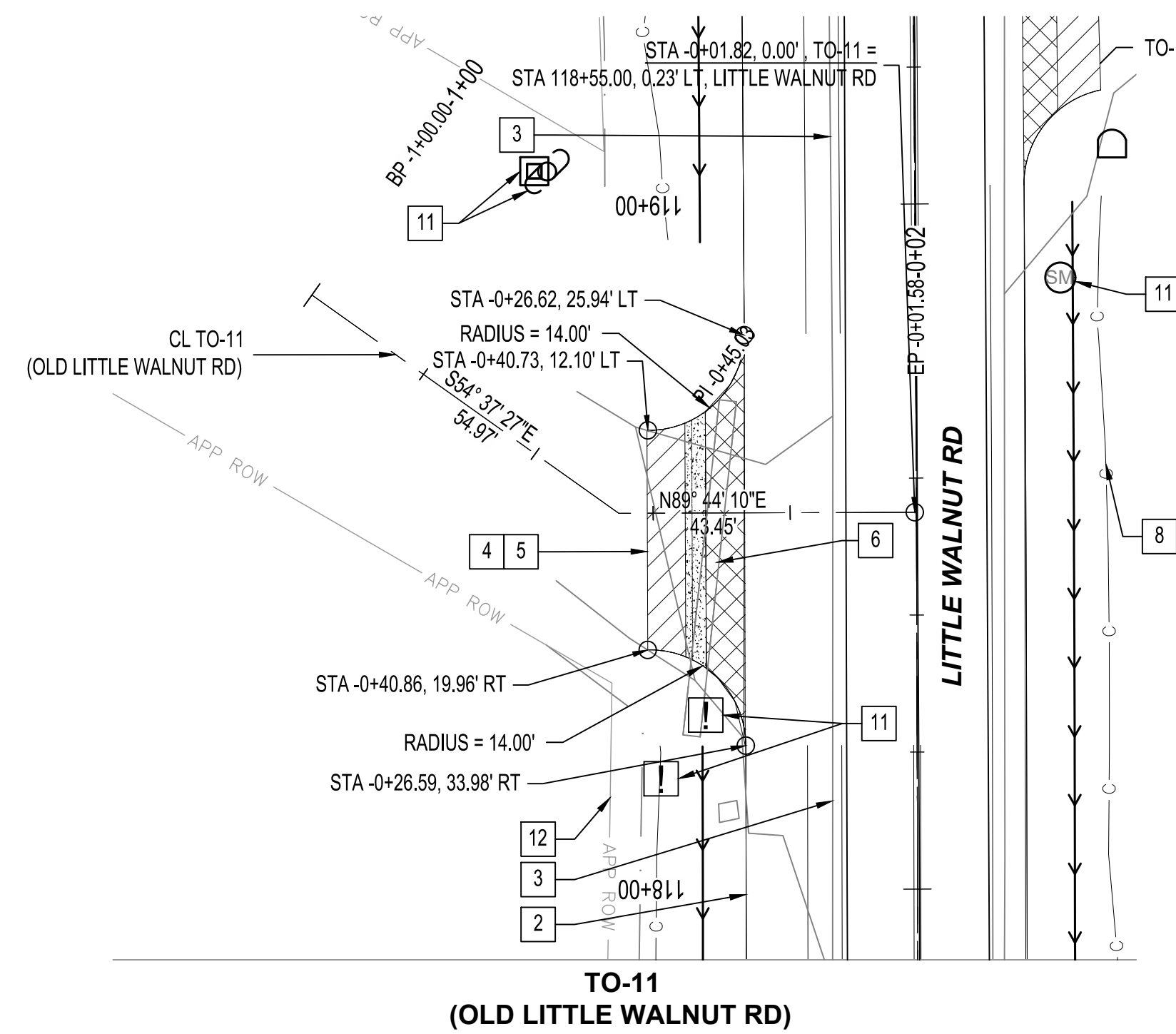
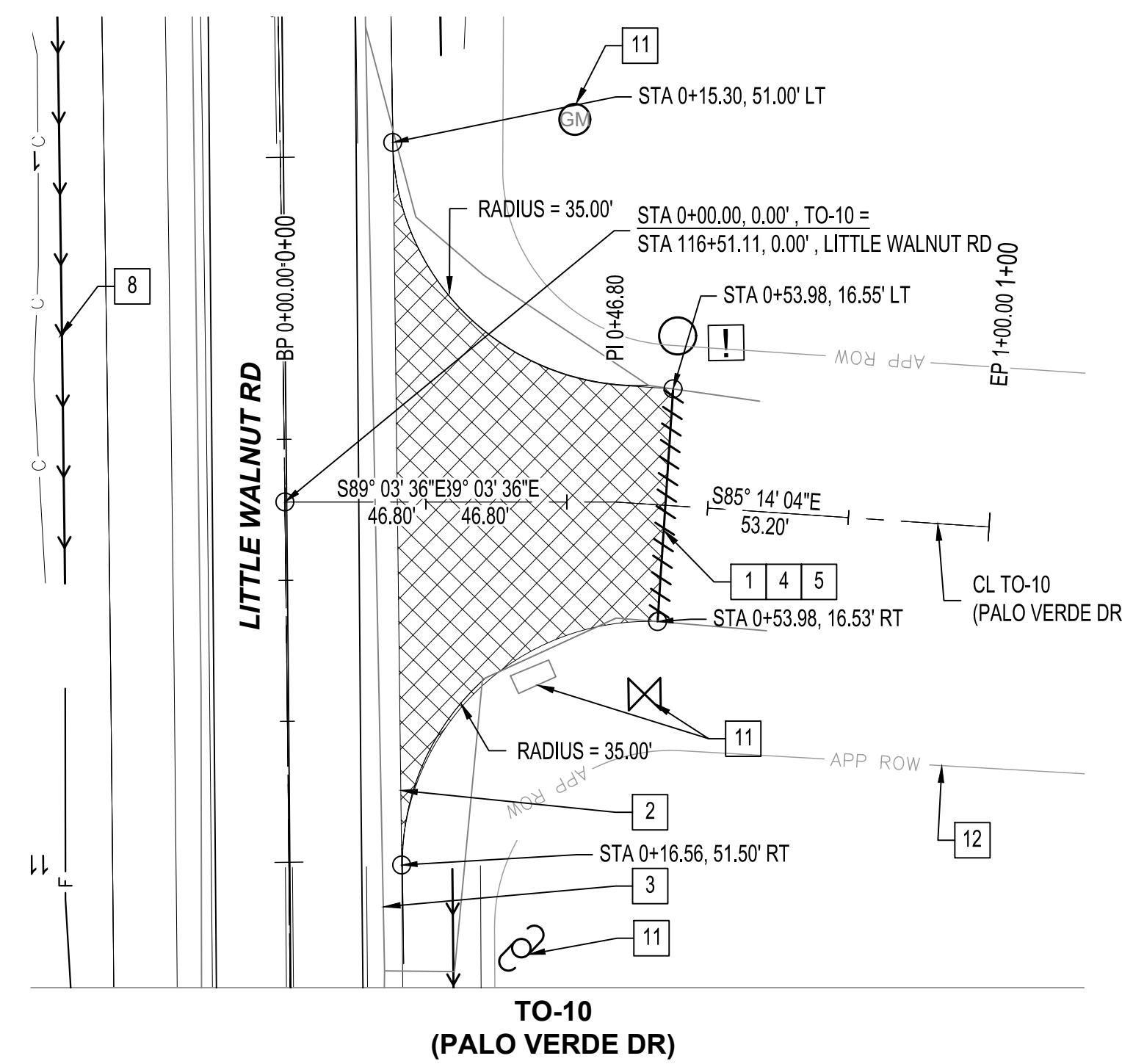
CONTRACTOR	DATE	INSPECTORS	DATE	FIELD VERIFICATION BY	DATE	DRAWINGS CORRECTED BY	DATE

REVISIONS

NO.	DATE	BY

DESIGN

DESIGNED BY	VR	CHECKED BY	JUB	DRAWN BY	VM
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CONSTRUCTION NOTES:

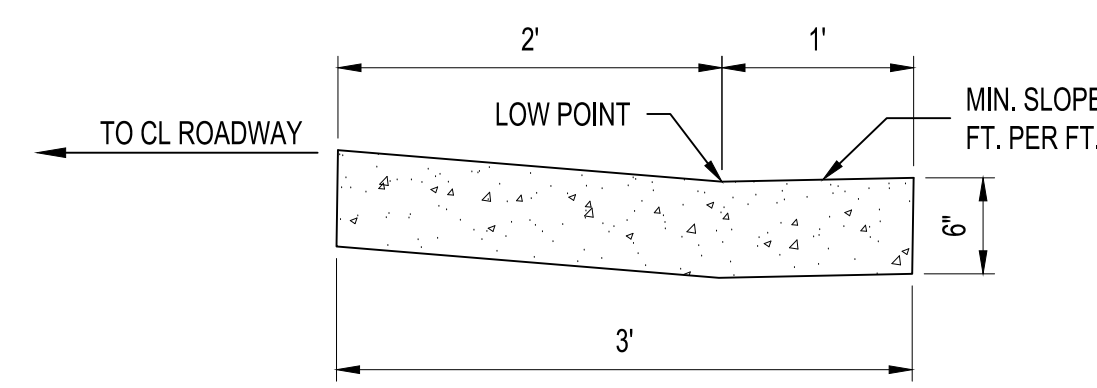
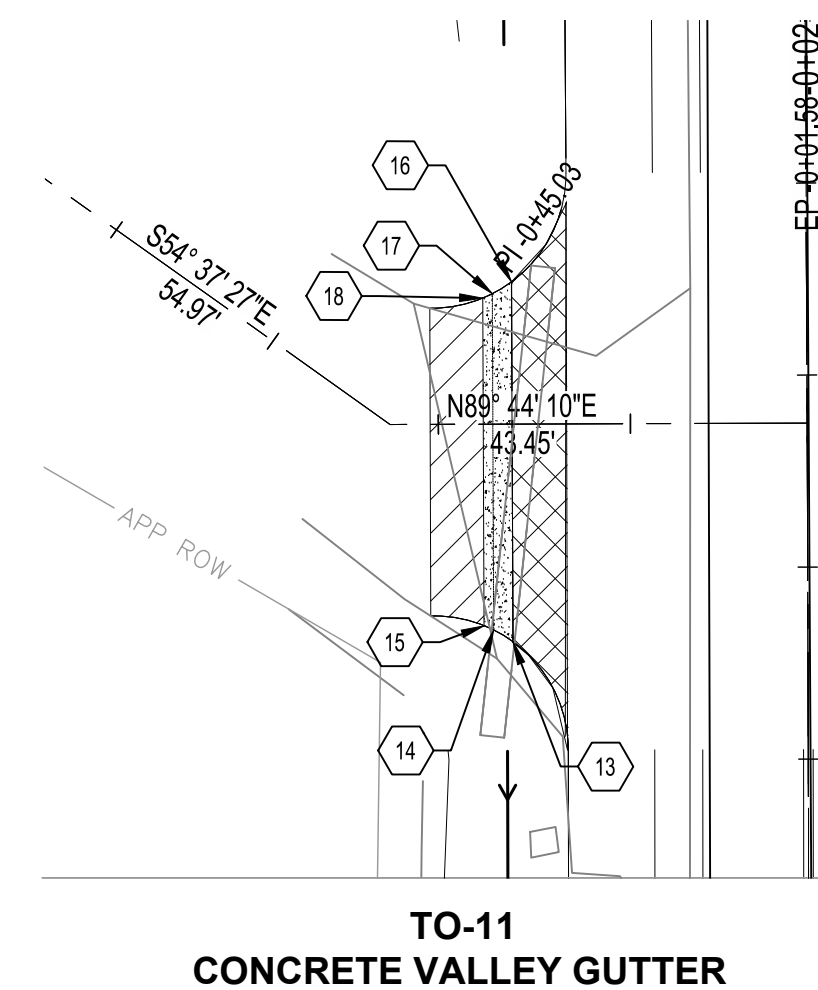
- DIMENSIONS ARE TO LIMITS OF FULL DEPTH PAVEMENT/ BASE COURSE UNLESS OTHERWISE INDICATED.
- ALL FENCES AND GATES SHALL REMAIN AND BE PROTECTED IN PLACE DURING CONSTRUCTION.

KEYED NOTES:

- SAWCUT, REMOVE, AND DISPOSE OF EXISTING PAVEMENT. LIMITS OF PAVEMENT REMOVAL.
- EDGE OF PROPOSED PAVEMENT.
- EDGE OF EXISTING PAVEMENT.
- BUILD TURNOUT - SEE TURNOUT DETAILS FOR INFORMATION.
- MATCH EXISTING.
- EXISTING CULVERT, REMOVE AND DISPOSE.
- BUILD NEW CULVERT - SEE ABOVE FOR MORE INFORMATION
- SLOPE LIMITS
- EXISTING FENCE
- REMOVE AND REPLACE
- RETAIN AND PROTECT
- APPROXIMATE RIGHT OF WAY
- MANHOLE ADJUSTMENT
- WATER VALVE ADJUSTMENT

LEGEND

- PAY LIMITS (MINOR PAVEMENT UNLESS SPECIFIED OTHERWISE)
- PAY LIMITS (4" AGGREGATE BASE COURSE UNLESS SPECIFIED OTHERWISE)



STATION	OFFSET	ELEVATION	NORTHING	EASTING	ALIGNMENT	DESCRIPTION
13	-0+32.32	22.67' RT	6174.49	660468.28	2586364.17	TO-11 TO MATCH ASPHALT EDGE
14	-0+34.32	21.45' RT	6174.45	660469.49	2586362.16	TO-11 LOW POINT
15	-0+35.32	20.99' RT	6174.47	660469.94	2586361.16	TO-11 END OF VALLEY GUTTER
16	-0+32.34	14.81' LT	6174.49	660505.76	2586363.97	TO-11 TO MATCH ASPHALT EDGE
17	-0+34.33	13.59' LT	6174.45	660504.52	2586361.98	TO-11 LOW POINT
18	-0+35.33	13.13' LT	6174.47	660504.06	2586360.98	TO-11 END OF VALLEY GUTTER

NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE: (1) PROGRESS PAYMENTS NO LATER THAN 30 DAYS AFTER THE DATE OF BILLING OR ESTIMATE IS RECEIVED.



GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN

TURNOUT DETAILS 4 OF 5

BHI PROJECT NO. 20210361 DWG NO. 4-04 SHEET 18 OF 31

BENCH MARKS

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AS-BUILT INFORMATION

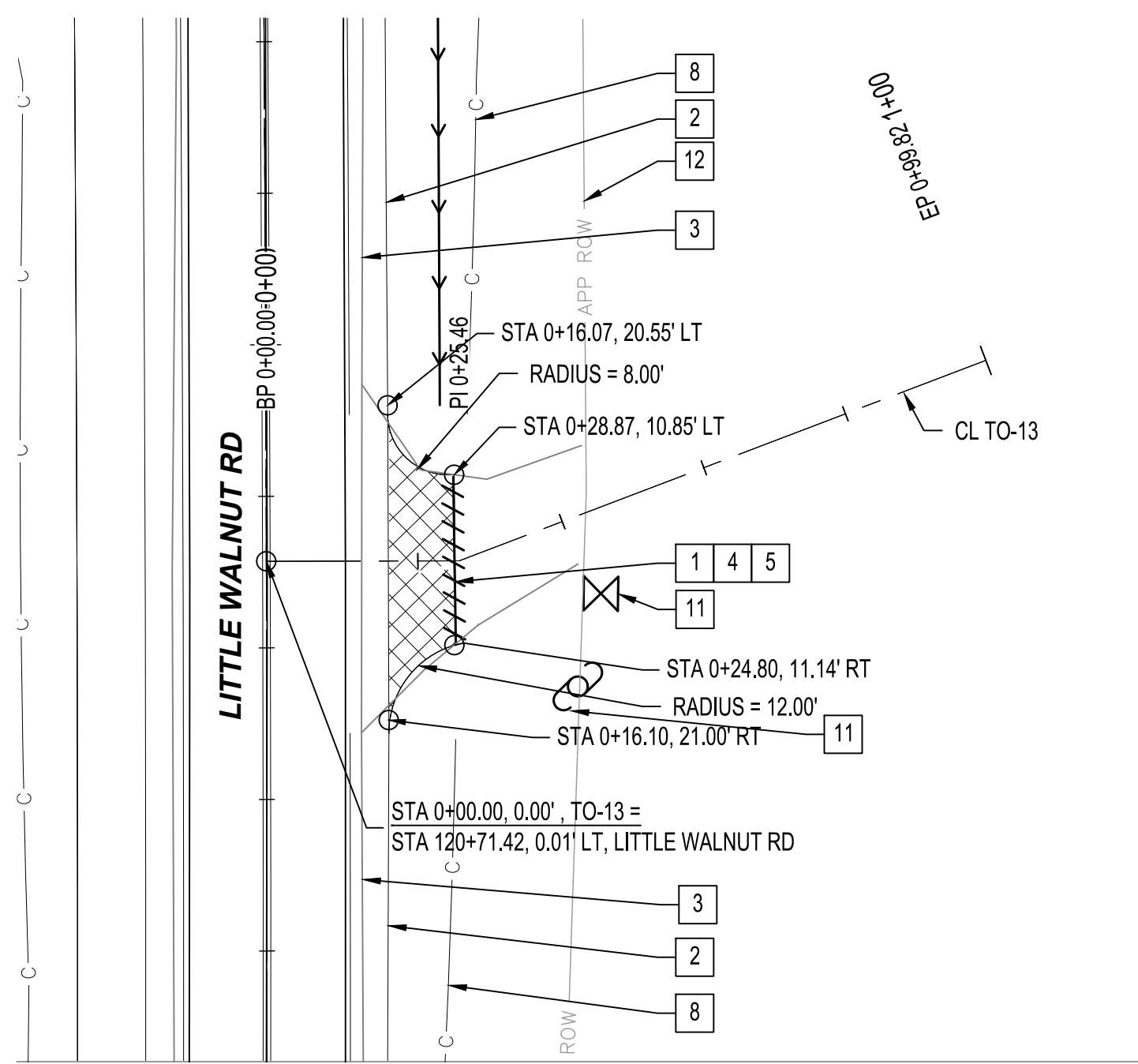
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REVISIONS

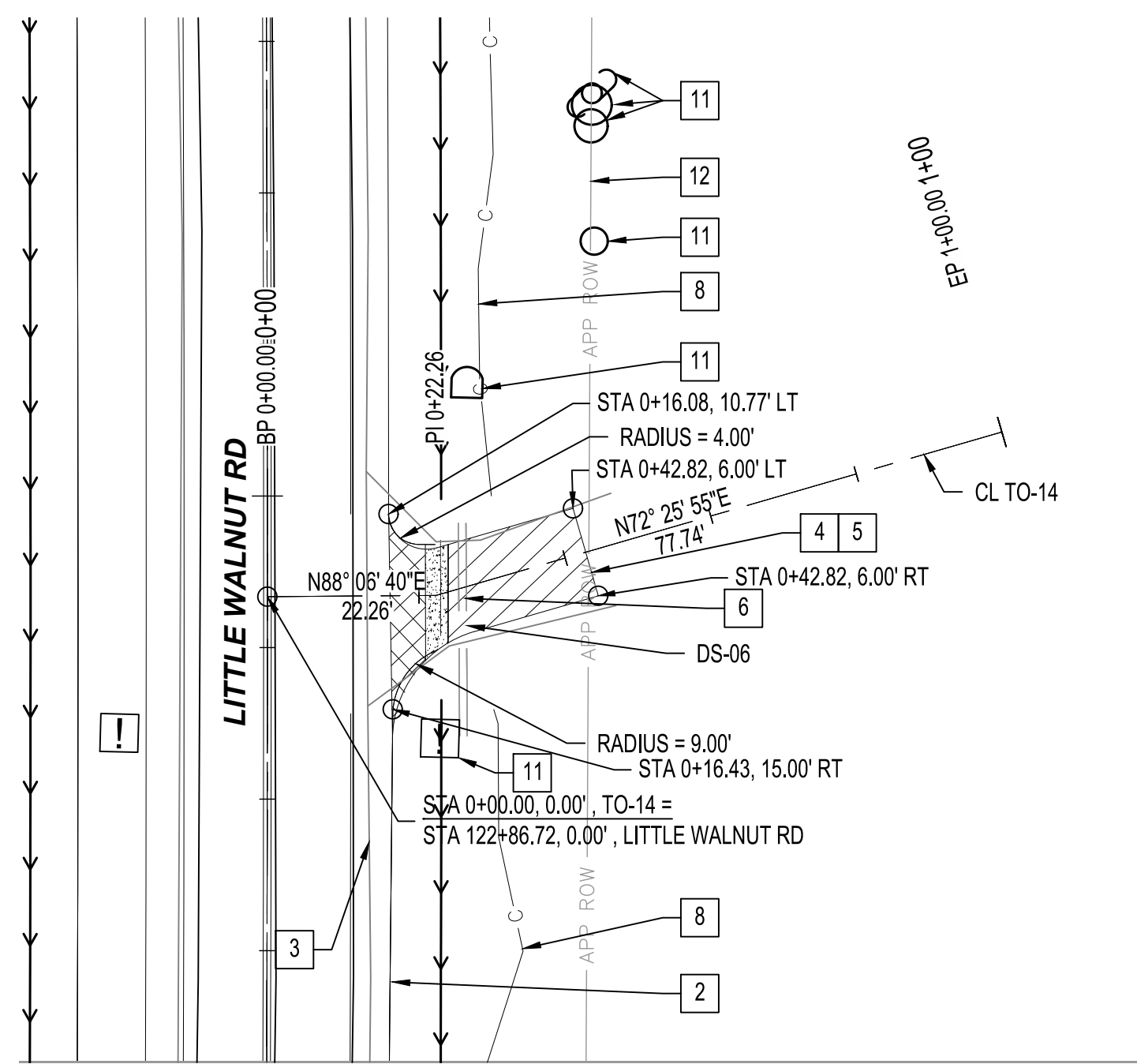
NO.	DATE	BY

DESIGN

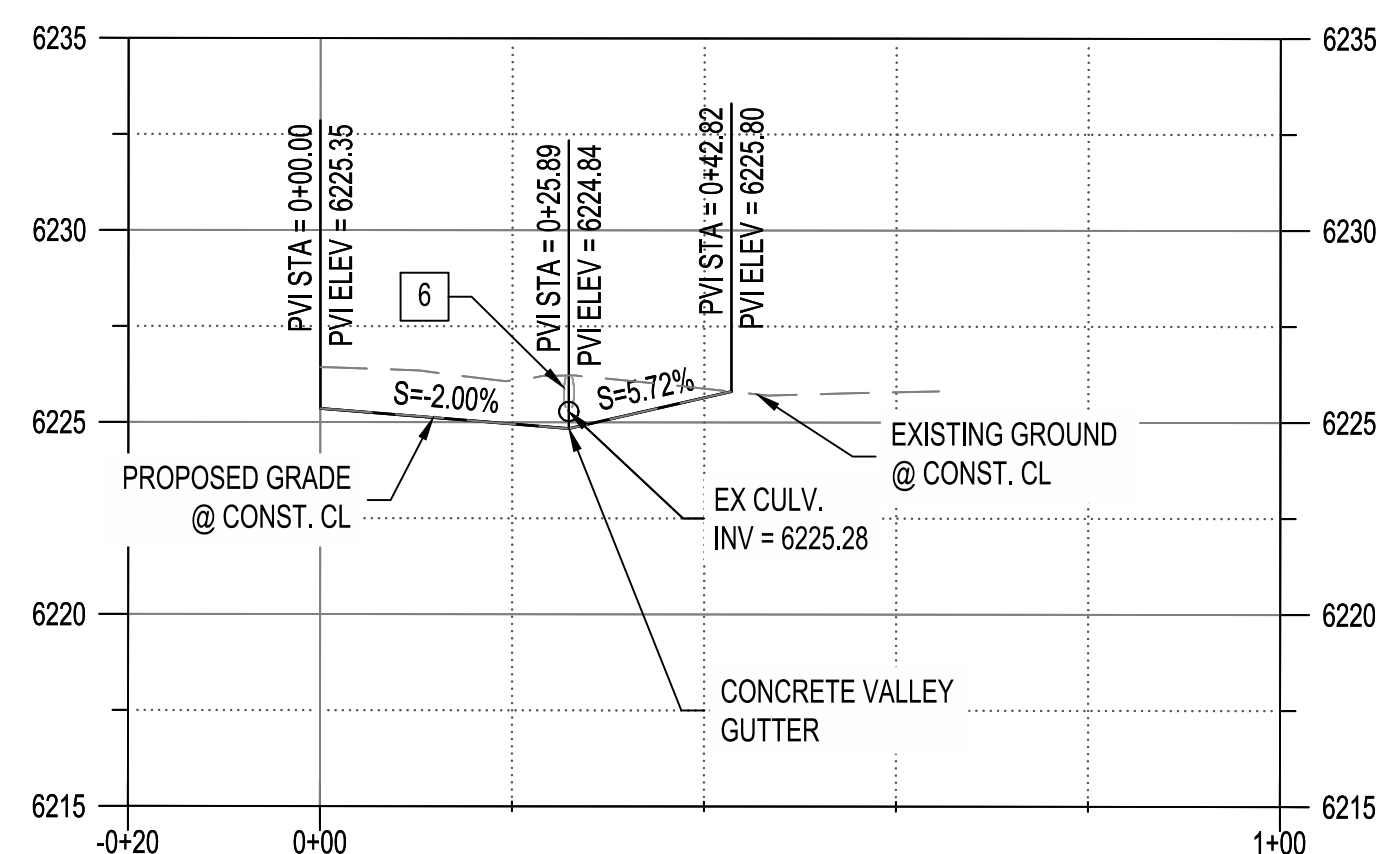
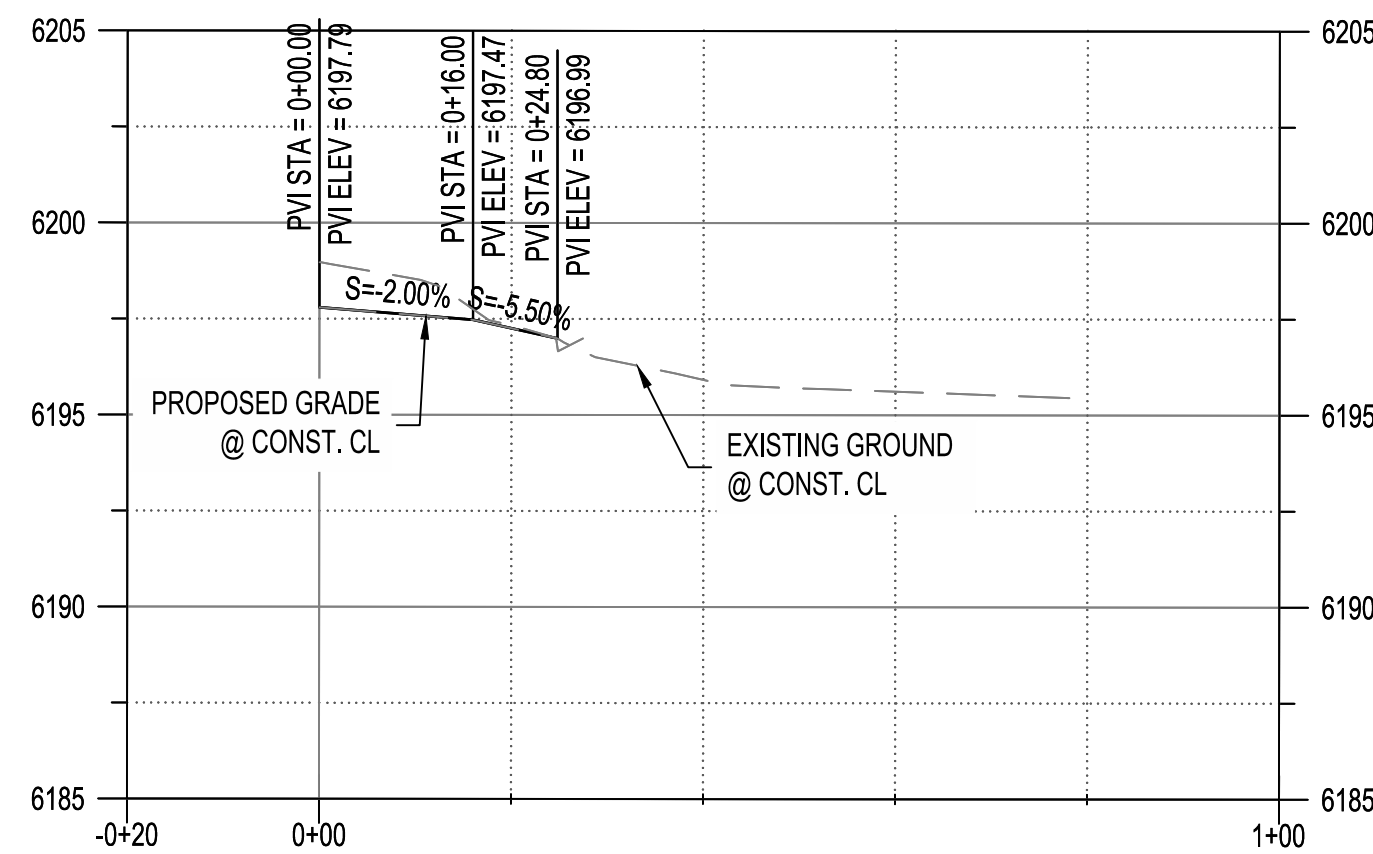
DESIGNED BY	VR	CHECKED BY	JUB	DRAWN BY	VM
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TO-13



TO-14



CONSTRUCTION NOTES:

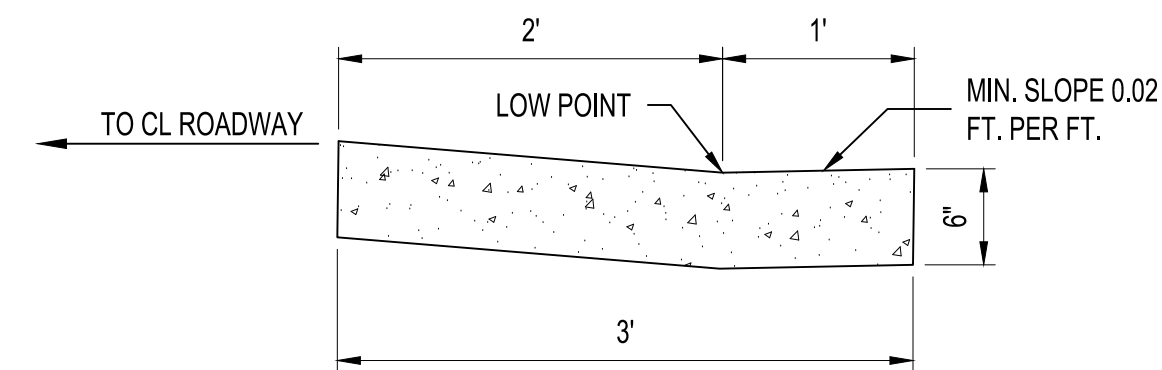
1. DIMENSIONS ARE TO LIMITS OF FULL DEPTH PAVEMENT/ BASE COURSE UNLESS OTHERWISE INDICATED.
2. ALL FENCES AND GATES SHALL REMAIN AND BE PROTECTED IN PLACE DURING CONSTRUCTION.

KEYED NOTES:

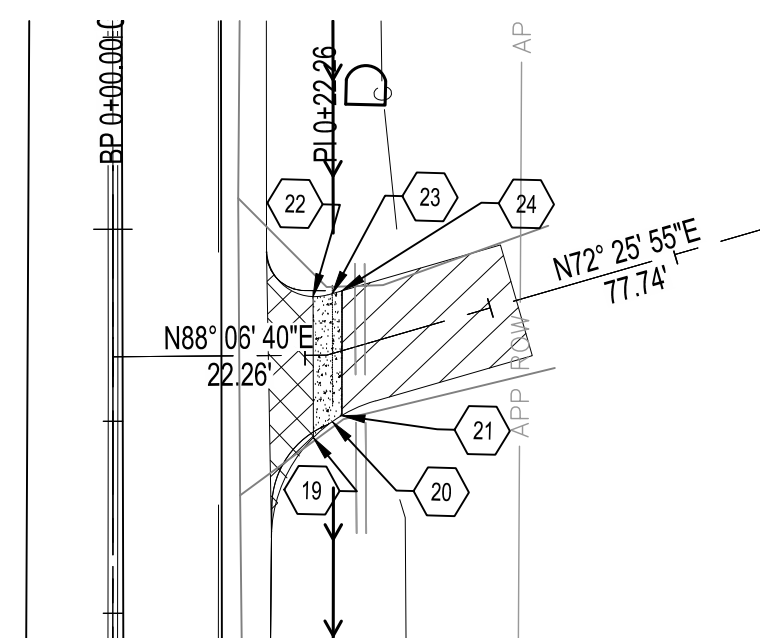
- 1 SAWCUT, REMOVE, AND DISPOSE OF EXISTING PAVEMENT. LIMITS OF PAVEMENT REMOVAL.
- 2 EDGE OF PROPOSED PAVEMENT.
- 3 EDGE OF EXISTING PAVEMENT.
- 4 BUILD TURNOUT - SEE TURNOUT DETAILS FOR INFORMATION.
- 5 MATCH EXISTING.
- 6 EXISTING CULVERT, REMOVE AND DISPOSE.
- 7 BUILD NEW CULVERT - SEE ABOVE FOR MORE INFORMATION
- 8 SLOPE LIMITS
- 9 EXISTING FENCE
- 10 REMOVE AND REPLACE
- 11 RETAIN AND PROTECT
- 12 APPROXIMATE RIGHT OF WAY
- 13 MANHOLE ADJUSTMENT
- 14 WATER VALVE ADJUSTMENT

LEGEND

- PAY LIMITS (MINOR PAVEMENT UNLESS SPECIFIED OTHERWISE)
- PAY LIMITS (4" AGGREGATE BASE COURSE UNLESS SPECIFIED OTHERWISE)



CONCRETE VALLEY GUTTER DETAIL



TO-14 CONCRETE VALLEY GUTTER

Point Table						
STATION	OFFSET	ELEVATION	NORTHING	EASTING	ALIGNMENT	DESCRIPTION
19	0+20.81	8.59' RT	6224.94	660914.85	2586409.23	TO-14 TO MATCH ASPHALT EDGE
20	---	---	---	660916.57	2586411.16	TO-14 LOW POINT
21	---	---	---	660917.23	2586412.13	TO-14 END OF VALLEY GUTTER
22	0+20.89	6.10' LT	6224.94	660929.54	2586408.82	TO-14 TO MATCH ASPHALT EDGE
23	0+24.60	6.00' LT	6224.86	660929.91	2586410.81	TO-14 LOW POINT
24	0+25.66	6.00' LT	6224.84	660930.23	2586411.82	TO-14 END OF VALLEY GUTTER

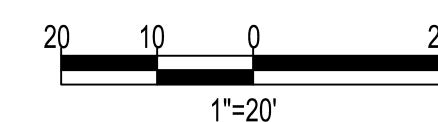
NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
(1) PROGRESS PAYMENTS NO LATER THAN 30 DAYS AFTER THE DATE OF BILLING OR ESTIMATE IS RECEIVED.

Bohannon Huston
www.bhinc.com 800.877.5332

GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN

TURNOUT DETAILS 5 OF 5

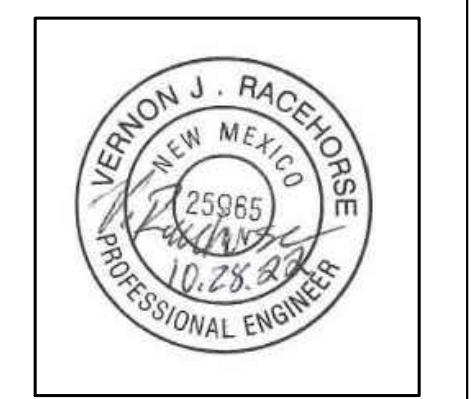
BHI PROJECT NO. 20210361 DWG NO. 4-05 SHEET 19 OF 31



BENCH MARKS

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ENGINEER'S SEAL



AS-BUILT INFORMATION

CONTRACTOR	DATE	WORK STAMPED BY	DATE	INSPECTORS ACCEPTANCE BY	DATE	FIELD VERIFICATION BY	DATE	DRAWINGS CORRECTED BY	DATE

REVISIONS

NO.	DATE	BY

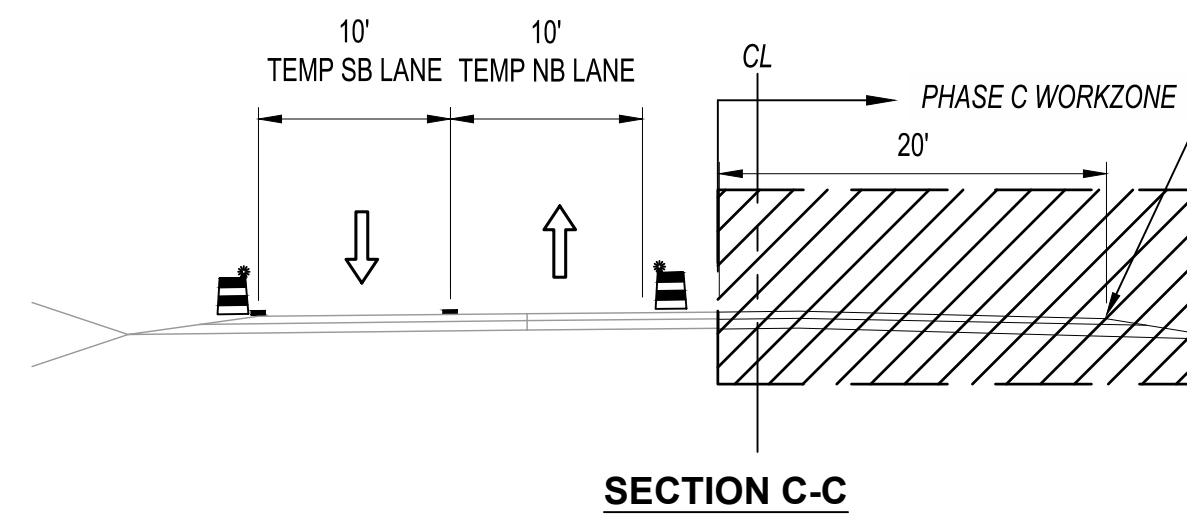
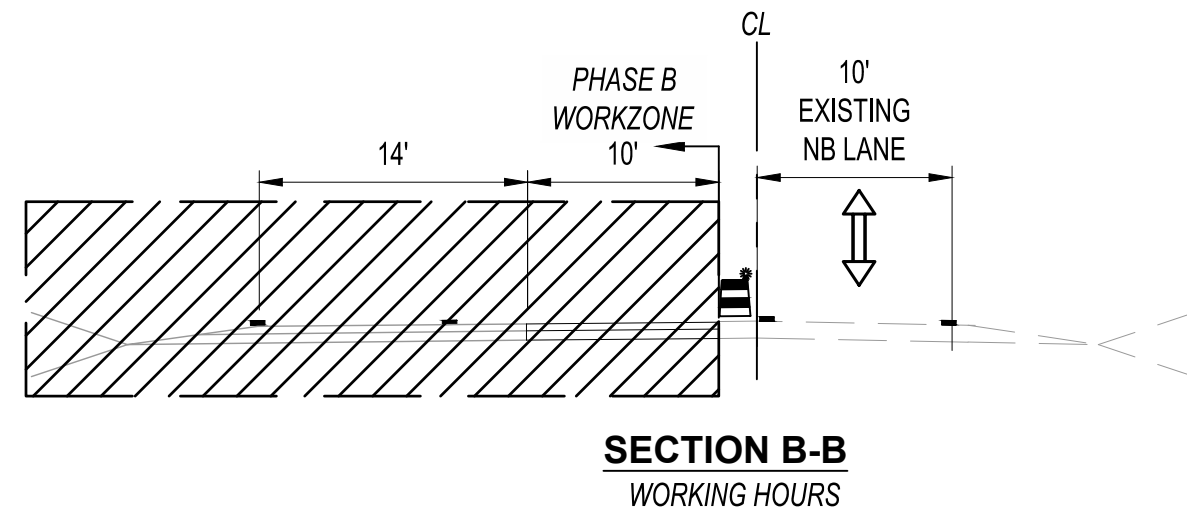
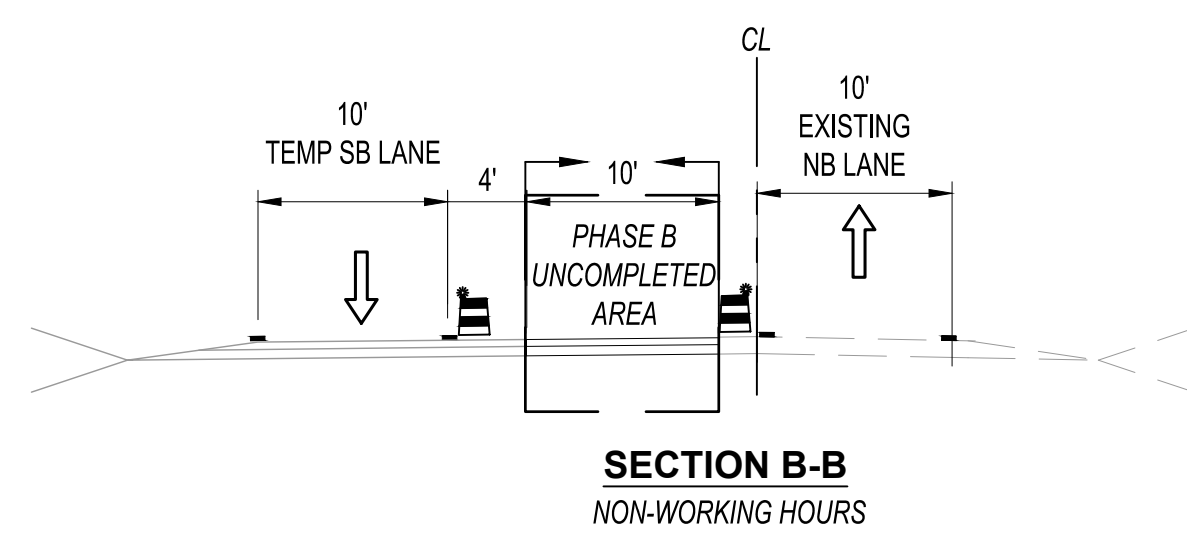
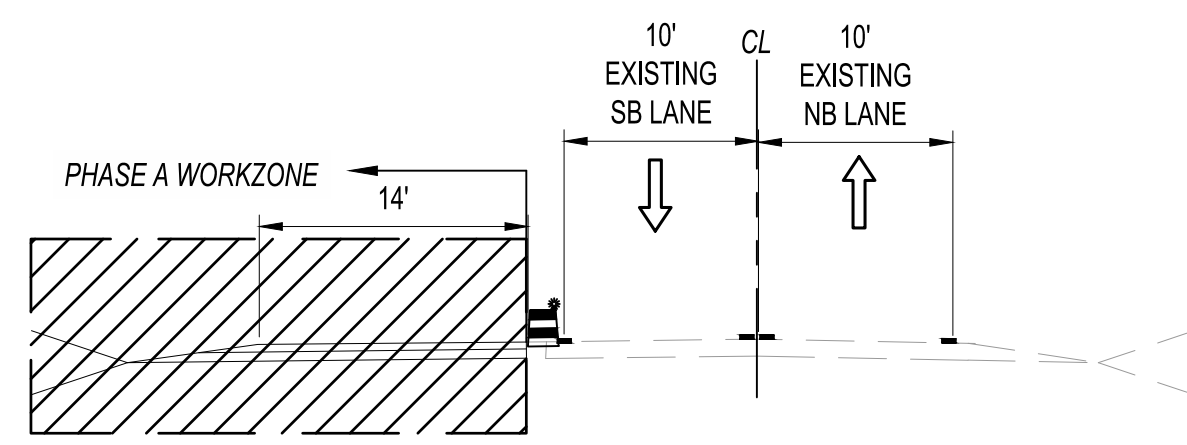
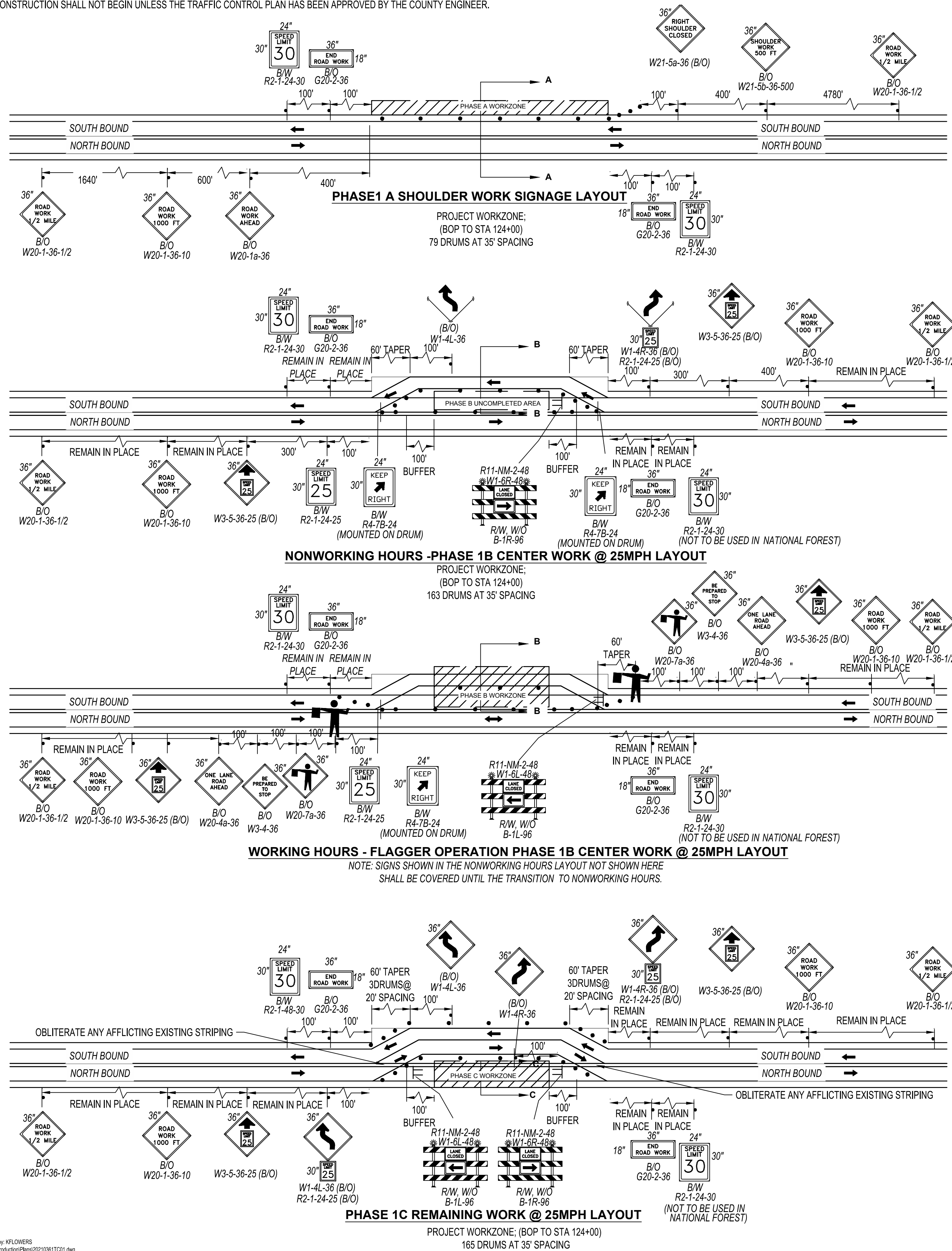
DESIGN

DESIGNED BY	CHECKED BY	DRAWN BY
VR	JUB	VM



SUGGESTED TRAFFIC CONTROL PLAN:

THE TRAFFIC CONTROL PLAN REPRESENTS A SUGGESTED METHOD FOR TRAFFIC CONTROL DURING CONSTRUCTION. ADJUSTMENTS TO THE DETAILS OF THESE TRAFFIC CONTROL PLANS AND REQUIREMENTS MAY BE NECESSARY DUE TO CONSTRUCTION ACTIVITIES AS DIRECTED BY THE PROJECT MANAGER. ANY ADDITIONAL TRAFFIC CONTROL PROPOSED BY NMDOT WILL BE PAID FOR USING THE BID UNIT PRICES. IF THE CONTRACTOR ELECTS TO DEVIATE FROM THE TRAFFIC CONTROL PLANS, THEN THE CONTRACTOR SHALL DEVELOP A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATION. THE PLAN MUST BE SIGNED AND SEALED BY A NEW MEXICO LICENSED PROFESSIONAL ENGINEER. NO MEASUREMENT OR DIRECT PAYMENT WILL BE MADE FOR DEVELOPING THE PLAN, EXTRA COSTS ASSOCIATED WITH THE PLAN, OR ADDITIONAL DEVICES ASSOCIATES WITH THE PLAN, THE COST BEING CONSIDERED AS INCLUDED IN THE PRICE OF THE CONTRACT ITEMS. THE CONTRACTOR SHALL SUBMIT ANY PROPOSED CHANGES IN THE TRAFFIC CONTROL PLAN TWO WEEKS PRIOR TO THE PRECONSTRUCTION CONFERENCE. CONSTRUCTION SHALL NOT BEGIN UNLESS THE TRAFFIC CONTROL PLAN HAS BEEN APPROVED BY THE COUNTY ENGINEER.



SUGGESTED SEQUENCE OF CONSTRUCTION:

- PHASE 1A - SHOULDER CLOSURES**
WITH THE SHOULDER WORK LAYOUT IN PLACE CONSTRUCT THE FOLLOWING:
- 1.) 14' WIDTH OF 1ST LAYER OF PAVEMENT SECTION.
 - 2.) ANY APPLICABLE TURNOUTS IN WORK ZONE.
(CONTRACTOR TO PROVIDE ACCESS TO RESIDENCES AT ALL TIMES)
 - 3.) PROPOSED CULVERT PIPES
 - 4.) ANY APPLICABLE DITCH WORK
 - 5.) ANY APPLICABLE PIPE EXTENSIONS
 - 6.) ANY OTHER APPLICABLE CONSTRUCTION

FOR COUNTY ROAD INTERSECTION CONSTRUCTION SEE SHEET 23.

NONWORKING HOURS - PHASE 1B - CENTER WORK @ 25MPH
IN NON CONSTRUCTION TIMES HAVE LAYOUT IN PLACE FOR TWO WAY TRAFFIC

- WORKING HOURS - FLAGGER OPERATION PHASE 1B - CENTER WORK @ 25MPH**
WITH THE FLAGGER OPERATION IN PLACE CONSTRUCT THE FOLLOWING:
- 1.) CONSTRUCT TAPERS
 - 2.) CONSTRUCT THE PERMANENT 10' WIDTH.
(CONTRACTOR TO PROVIDE ACCESS TO RESIDENCES AT ALL TIMES)

- PHASE 1C - REMAINING WORK @ 25MPH**
WITH THE REMAINING WORK LAYOUT IN PLACE CONSTRUCT THE FOLLOWING:
- 1.) 17' WIDTH OF 1ST LAYER OF THE PAVEMENT SECTION.
 - 2.) ANY APPLICABLE MAIL BOX TURNOUTS
 - 3.) ANY APPLICABLE PRIVATE DRIVE TURNOUTS
(CONTRACTOR TO PROVIDE ACCESS TO RESIDENCES AT ALL TIMES).
 - 4.) REMAINING PROPOSED CULVERT PIPES.
 - 5.) REMAINING DITCHWORK.
 - 6.) REMAINING PIPE EXTENSIONS.
 - 7.) CL TO RIGHT EOP CONSTRUCT FINAL LIFT OF PAVEMENT.
 - 8.) CONSTRUCT APPLICABLE RIGHT SIDE FINAL PERMANENT STRIPING AND SIGNAGE. COVER CONFLICTING WARNING OR REGULATION SIGNS.

FOR COUNTY ROAD INTERSECTION CONSTRUCTION SEE SHEET 23.

USE FLAGGER OPERATION TYPICAL LAYOUT TO CONSTRUCT ANY REMAINING LIFTS OF PAVEMENT & STRIPING ON THE LEFT SIDE OF CL.

PLACE ANY PROPOSED SIGNAGE ON LEFT SIDE OF LITTLE WALNUT ROAD.

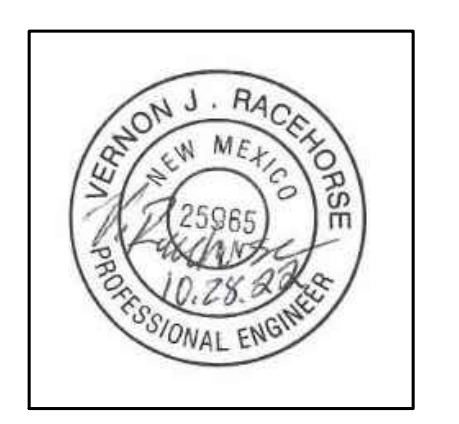


**GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN
SUGGESTED TRAFFIC CONTROL
SEQUENCE OF CONSTRUCTION WITH LAYOUT TYPICALS**

BHI PROJECT NO.	20210361	DWG NO.	6-01	SHEET	20	OF	31
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BENCH MARK LINE 1	
BENCH MARK LINE 2	
BENCH MARK LINE 3	
BENCH MARK LINE 4	
BENCH MARK LINE 5	
BENCH MARK LINE 6	
BENCH MARK LINE 7	
BENCH MARK LINE 8	
BENCH MARK LINE 9	



AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STARTED BY	DATE
INSPECTORS ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

REVISIONS	
BY	DATE

DESIGN	
DESIGNED BY	VR
CHECKED BY	JUB
DRAWN BY	VM

NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
(1) PROGRESS PAYMENTS NO LATER THAN 30 DAYS AFTER THE DATE OF BILLING OR ESTIMATE IS RECEIVED.

(CONTINUED)
SUGGESTED SEQUENCE OF CONSTRUCTION:

PHASE 1 - COUNTY ROAD INTERSECTIONS
FOR THE WORKZONE (BOP TO STA 124+00):
JOSHUA TREE RD
VALLEY DR
PALO VERDE DR
OLD LITTLE WALNUT RD

PHASE 1A OR 1C COUNTY ROAD INTERSECTIONS TYPICAL NONACTIVE IN PLACE WHEN NOT CONSTRUCTING WITHIN INTERSECTION DURING PHASE 1A OR 1C ACTIVITIES.

PHASE 1A OR 1C WITH THE APPLICABLE COUNTY ROAD INTERSECTION TYPICAL IN PLACE CONSTRUCT HALF OF THE INTERSECTION AT A TIME ALLOWING ONE LANE CLOSURE.

PHASE 1B A FLAGGER OPERATION MAY BE USED ON THE COUNTY MAINTAINED ROAD TO CONSTRUCT AREA CROSSING TURNOUT.

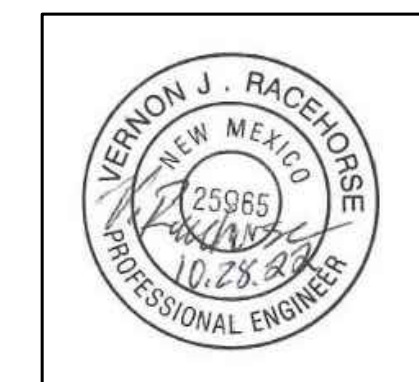
PHASE 1B COUNTY ROAD INTERSECTIONS TYPICAL NON ACTIVE TO BE USED WHEN NOT CONSTRUCTING WITHIN INTERSECTION DURING PHASE 1B ACTIVITIES.

CONTRACTOR TO MINIMIZE TIME WHEN CONSTRUCTING INTERSECTIONS AS NECESSARY.



BENCH MARKS	
BENCH MARK LINE 1	
BENCH MARK LINE 2	
BENCH MARK LINE 3	
BENCH MARK LINE 4	
BENCH MARK LINE 5	
BENCH MARK LINE 6	
BENCH MARK LINE 7	
BENCH MARK LINE 8	
BENCH MARK LINE 9	

ENGINEER'S SEAL



AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STARTED BY	DATE
INSPECTORS ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
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REVISIONS	
BY	

NO.	DATE

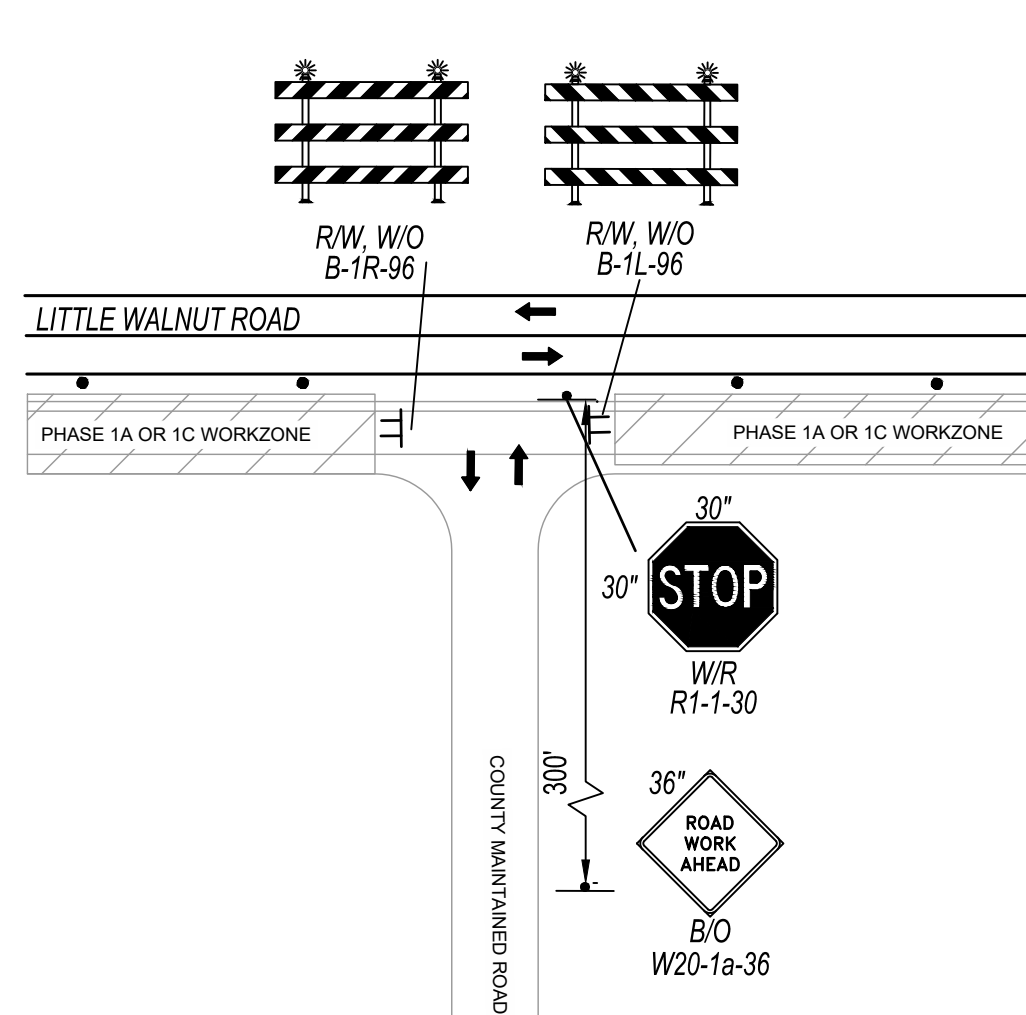
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DESIGNED BY	VR
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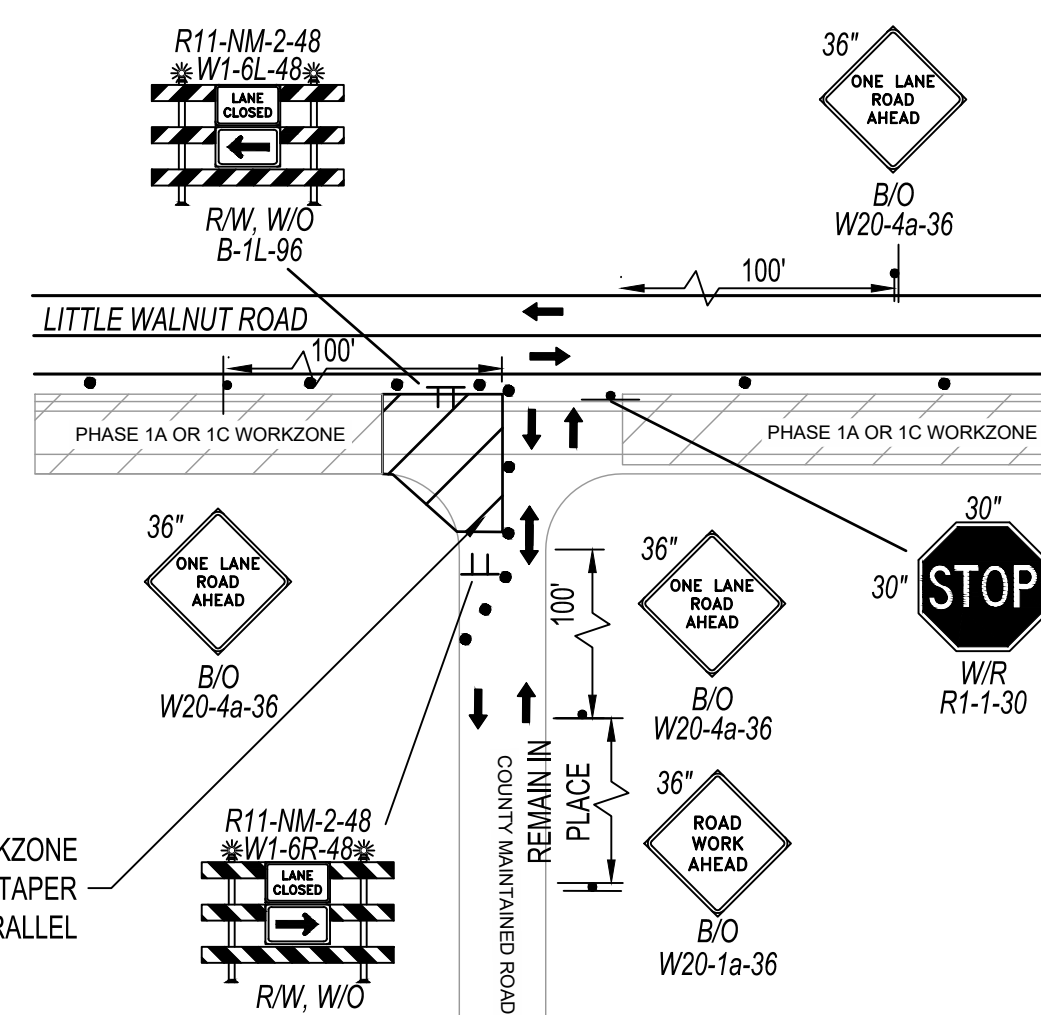
**GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN
SUGGESTED TRAFFIC CONTROL**

SEQUENCE OF CONSTRUCTION WITH LAYOUT TYPICALS

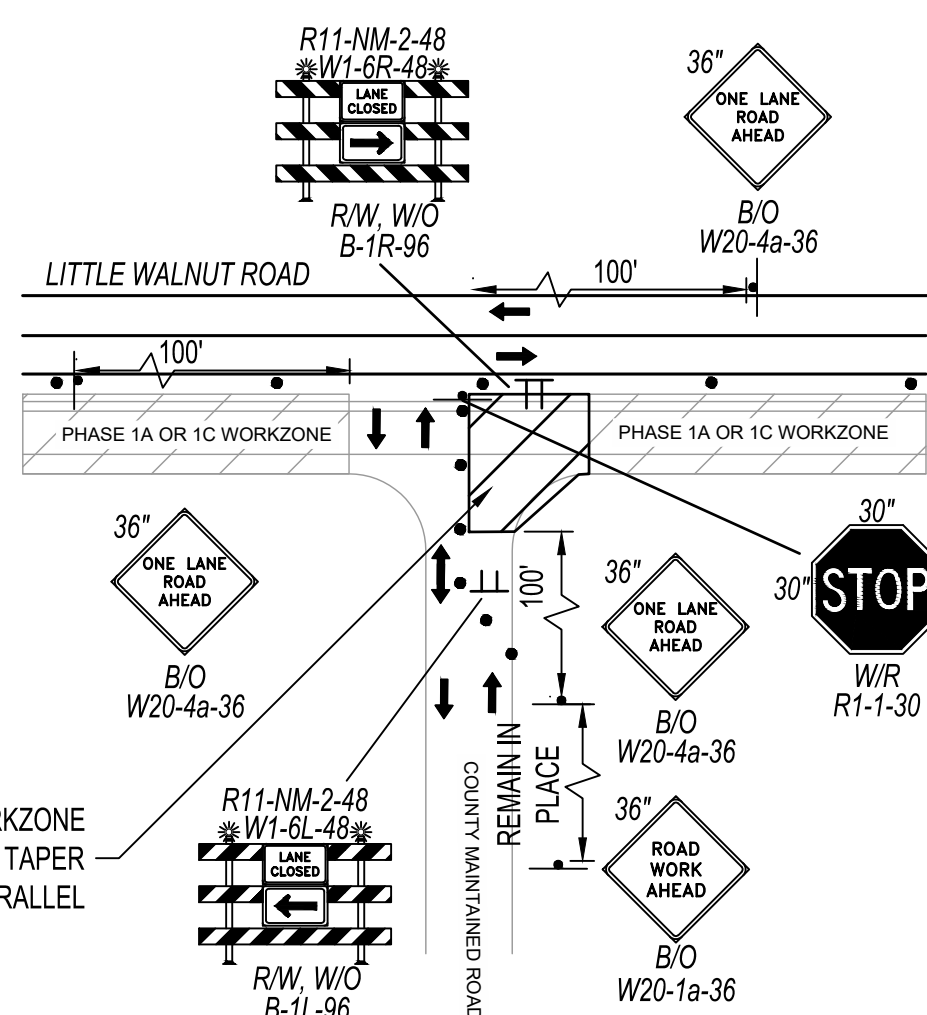
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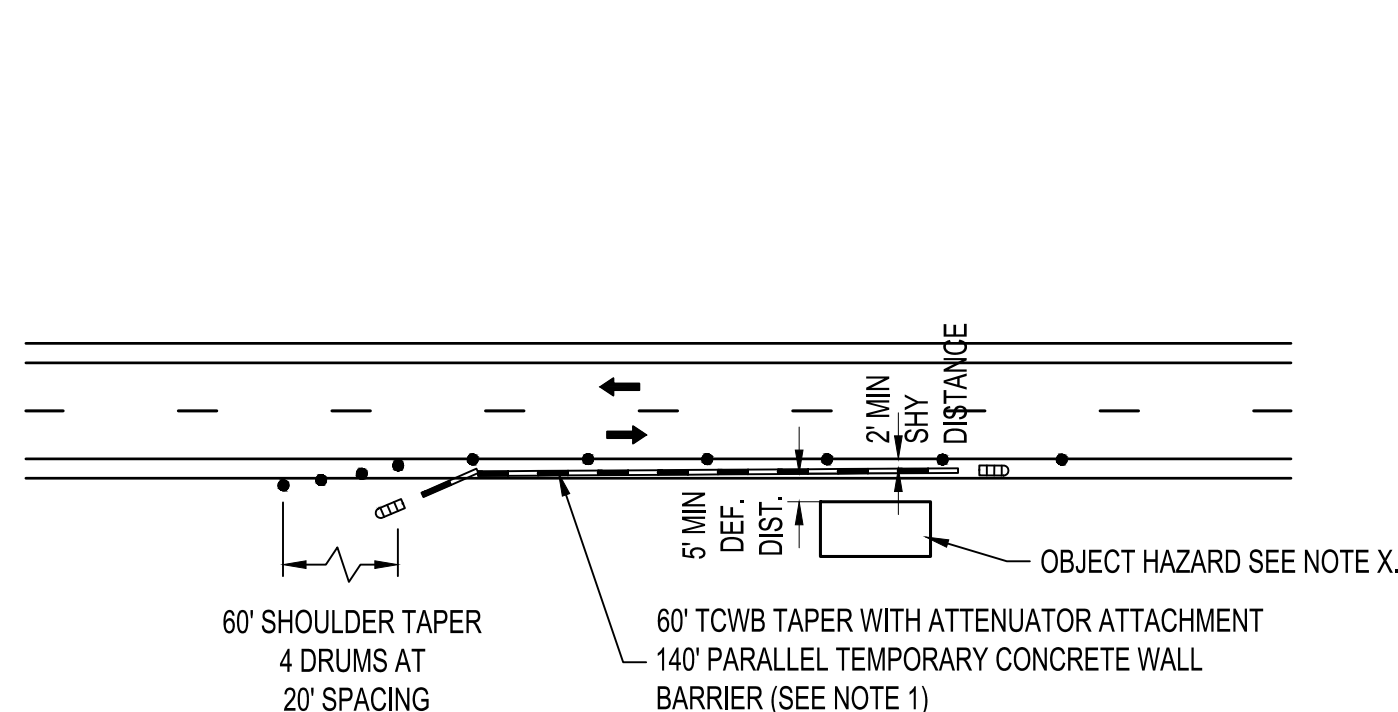
PHASE 1A OR 1C - COUNTY ROAD INTERSECTIONS TYPICAL NONACTIVE



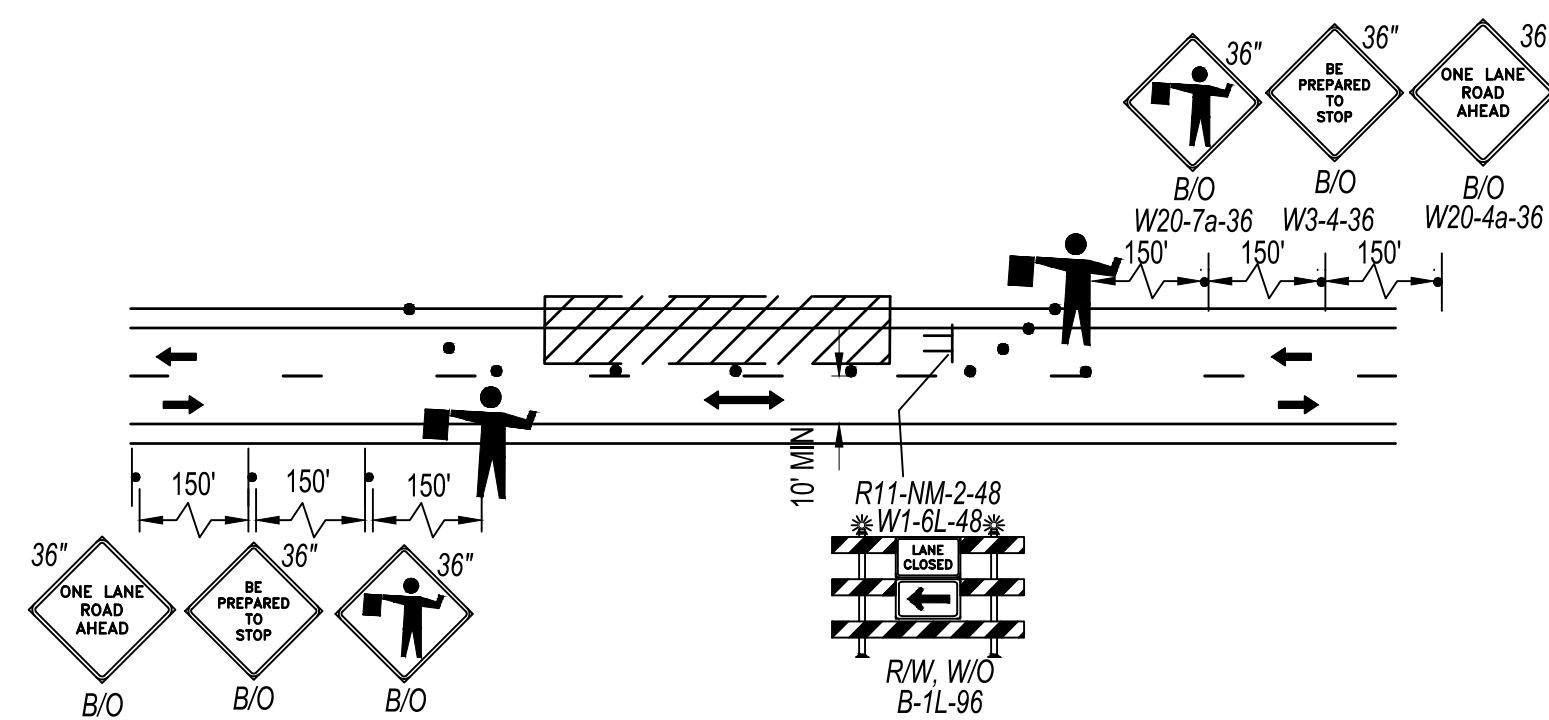
PHASE 1A OR 1C - COUNTY ROAD INTERSECTIONS TYPICAL ACTIVE



PHASE 1B COUNTY ROAD INTERSECTIONS TYPICAL NONACTIVE



SHOULDER TYPICAL WALL BARRIER PLACEMENT LAYOUT



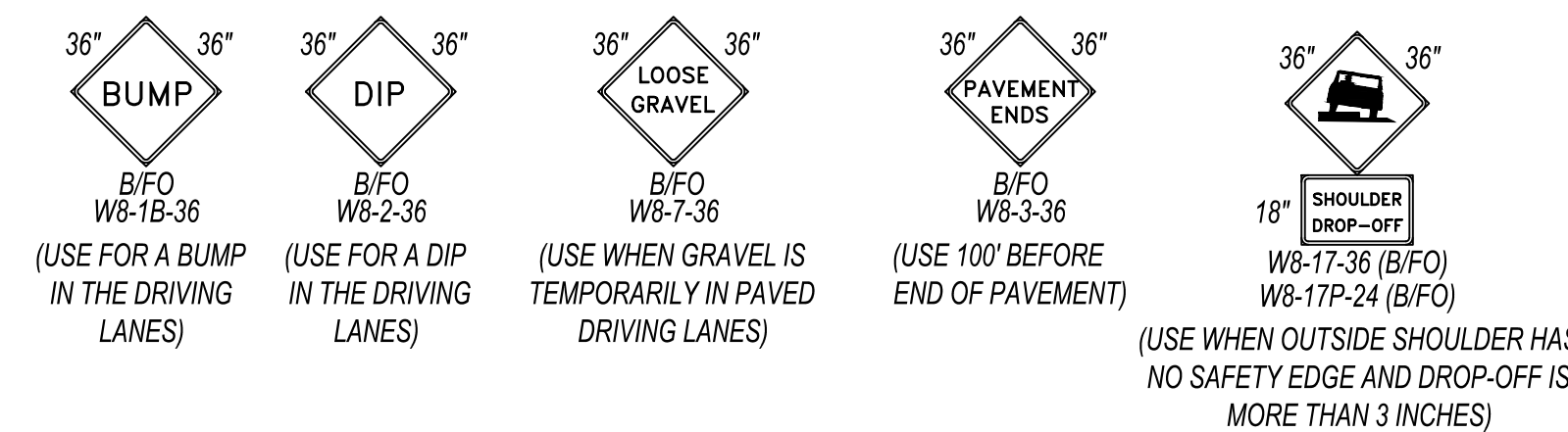
FLAGGER OPERATION TYPICAL LAYOUT

SUGGESTED TRAFFIC CONTROL NOTES:

1.) DURING FLAGGER OPERATIONS, THE CONTRACTOR MAY DIRECT TRAFFIC TO BE MOVED THROUGH THE WORK ZONE USING PILOT CARS. ALL PILOT CARS SHALL BE EQUIPPED WITH THE FOLLOWING SIGN.



- 2.) CONTRACTOR SHALL MAINTAIN ACCESS TO ALL RESIDENCES AND BUSINESSES AT ALL TIMES.
- 3.) CONSTRUCTION SIGNS MUST BE POST MOUNTED IF LEFT IN PLACE (UNTOUCHED) LONGER THAN 48 HOURS.
- 4.) ALL SIGNAGE NOT IN USE WITHIN ROADWAY SHALL BE COVERED WITH BLACK PLASTIC BAGS OR TAKEN DOWN BEFORE CONSTRUCTION.
- 5.) CONTRACTOR IS TO ENSURE CLEAN DRIVING LANES FREE FROM DEBRIS WITHIN THE PROJECT LIMITS, USE W8-7-36 UNTIL ACHIEVED.
- 6.) THESE SIGNS MAY BE REQUIRED. CONTRACTOR TO LOCATE AS NEEDED



SUGGESTED TRAFFIC CONTROL TEMPORARY STRIPING					704099 - TEMPORARY REFLECTORIZED PAINTED MARKINGS 4"		721000 - REMOVAL OF PAVEMENT MARKING		REMARKS
PHASE	STA	TO	STA	LOCATION	4" SOLID WHITE	4" TOTAL	4" SOLID WHITE	4" TOTAL	
PHASE 1A	BOP	-	126+00	LITTLE WALNUT	5600	5600	200	200	
PHASE 1B	BOP	-	126+00	LITTLE WALNUT	5600	5600	200	200	
PHASE 1C	BOP	-	126+00	LITTLE WALNUT	5600	5600	200	200	
TOTALS						16800		600	
X 2 APPLICATIONS						33600			

REMOVAL NOTE: REMOVAL OF PAINTED PAVEMENT MARKINGS EXISTING OR TEMPORARY WILL BE MEASURED BY FOUR (4) INCH WIDTHS PER LINEAR FOOT.

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PERMANENT SIGNING AND STRIPING NOTES

1. QUANTITIES MAY VARY AS FIELD CONDITIONS DICTATE. THE CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES USED.
2. ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (LATEST EDITION) AND ANY APPLICABLE SPECIAL PROVISIONS AN/OR SUPPLEMENTAL SPECIFICATION. THE DEVICES SHALL COMPLY WITH CURRENT EDITION OF THE MUTCD AND ANY REVISIONS.
3. WATER BLASTING IS THE ONLY APPROVED METHOD OF EXISTING STRIPE REMOVAL. THE USE OF BLACK PAINT AS A METHOD OF REMOVING OR COVERING EXISTING STRIPING IS STRICTLY PROHIBITED. WHEN WATER BLASTING ON OPEN GRADED FRICTION COURSE OR ON THE FINAL LIFT OF THE EXISTING ASPHALT PAVEMENT, THE CONTRACTOR SHALL APPLY A FOG SEAL TO THE WATER BLASTED AREA PRIOR TO NEW STRIPING. FOG SEAL SHALL BE CONSIDERED INCIDENTAL TO EXISTING STRIPE REMOVAL AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
4. ALL PAVEMENT STRIPING SHALL BE RETROREFLECTORIZED PAINT WITH THREE APPLICATIONS. SECOND AND THIRD APPLICATION IS QUANTIFIED IN THE BID ITEMS 704000, AS APPROPRIATE. NO SECOND OR THIRD APPLICATION REQUIRED FOR 24" STRIPING.

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNITS	TOTAL
701000	PANEL SIGNS	SQ FT	160
701100	STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS	LIN. FT.	310
704000	RETROREFLECTORIZED PAINTED MARKINGS 4"	LIN. FT.	36000
704005	RETROREFLECTORIZED PAINTED MARKINGS 24"	LIN. FT.	270

STRIPING SUMMARY OF QUANTITIES

				704000- RETROREFLECTORIZED PAINTED MARKINGS 4"			*704005 - RETROREFLECTORIZED PAINTED MARKINGS 24"	REMARKS
LENGTH				4" SOLID WHITE	4" SOLID YELLOW (CENTERLINE)	4" TOTAL	24" SOLID WHITE (STOP BAR)	
STA	TO	STA	LOCATION	FT	FT	FT	FT	
BOP		124+00	LITTLE WALNUT	7200	4800	12000	87	
TOTALS X SINGLE APPLICATION						12000	87	
PROJECT USE 3 X APPLICATIONS						36000	270	

*STOP BAR FOR PALO VERDE DR, TANGLEWOOD CIR, WHISPERING HILLS RD & LYNX LN

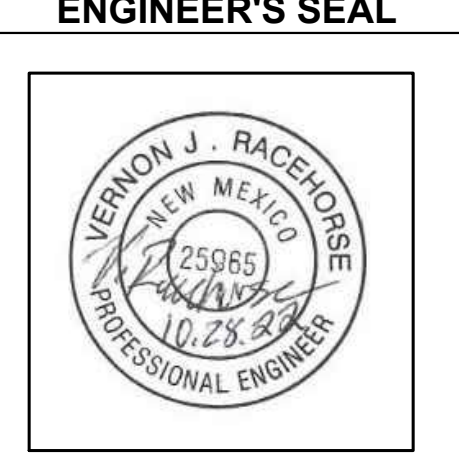
PANEL SIGN QUANTITIES

SIGN CODE	WIDTH OF SIGN	HEIGHT OF SIGN	701000 - PANEL SIGNS		MOUNTING REQUIREMENTS										REMARKS
			NO. OF SIGNS	TOTAL SIGN AREA	701100 - STEEL POST AND BASE POST FOR ALUMINUM PANEL SIGNS										
					POST LENGTH			SQUARE TUBING			BASE POST				
					LEFT	CENTER	RIGHT	TOTAL	1.75"	2.00"	2.25"	2.50"	NO.	TOTAL	
IN	IN	EACH	SQ FT	LIN FT	LIN FT	LIN FT	LIN FT	1.75"	2.00"	2.25"	2.50"	EACH	LIN FT		
LITTLE WALNUT															
SP-02	30	12	1	2.50											MOUNTED ABOVE STOP SIGN
SP-03	60	12	1	5.00											MOUNTED ABOVE STOP SIGN
SP-04	42	12	1	3.50											MOUNTED ABOVE STOP SIGN
SP-05	48	12	1	4.00											MOUNTED ABOVE STOP SIGN
SP-14	18	24	1	3.00			10.00	10		X			3.5	12.25	
SP-15	36	30	1	7.50			10.00	10		X			3.5	12.25	
SP-16	24	24	1	4.00			10.00	10		X			3.5	12.25	
SP-17	36	36	1	9.00			10.00	10		X			3.5	12.25	
SP-18	72	24	1	12.00											MOUNTED BELOW SPEED LIMIT SIGN
SP-19	36	36	1	9.00			10.00	10		X			3.5	12.25	HEAVY SIDE TRAFFIC (NONSTANDARD SIGN)
R1-1-36	36	36	3	27.00			12.0	36		X			10.5	36.75	
R2-1-35-36	48	36	2	24.00			10.0	20		X			7	24.5	
W2-2L-36	36	36	1	9.00			10.0	10		X			1	3.5	
W2-2R-36	36	36	2	18.00			10.0	20		X			2	7	
W11-3-36	36	36	1	9.00			10.00	10		X			1	3.5	
OM-3L-12	12	36	2	6.00											MOUNTED BACK TO BACK WITH OM-3R-12
OM-3R-12	12	36	2	6.00			7.00	14		X			2	7	MOUNTED BACK TO BACK WITH OM-3L-12
SUBTOTALS				158.50				160.00						143.50	
PROJECT USE				160.00				310.00							



BENCH MARKS

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AS-BUILT INFORMATION

CONTRACTOR	DATE	WORK STAMPED BY	DATE	INSPECTORS ACCEPTANCE BY	DATE	FIELD VERIFICATION BY	DATE	DRAWINGS CORRECTED BY	DATE

REVISIONS

BY	DATE	NO.	DATE	DESIGNED BY	CHECKED BY	DRAWN BY
				VR	JLB	VM

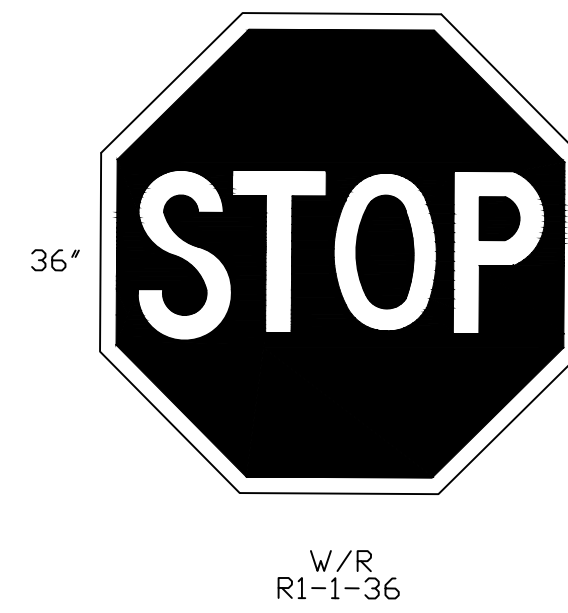
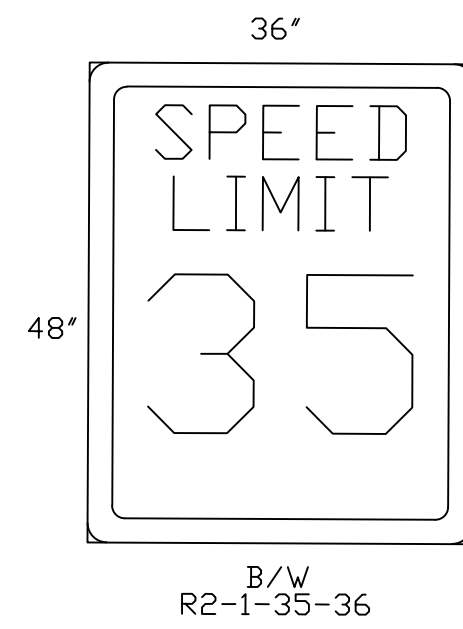
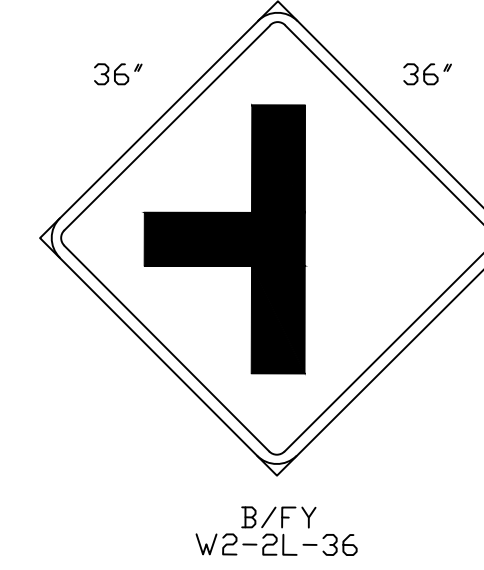
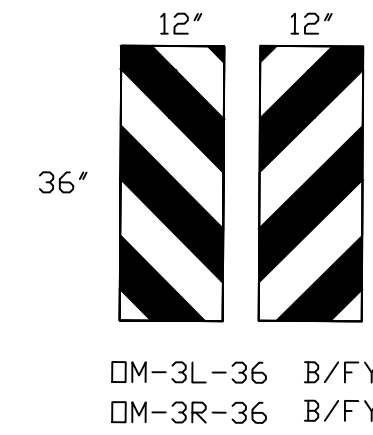
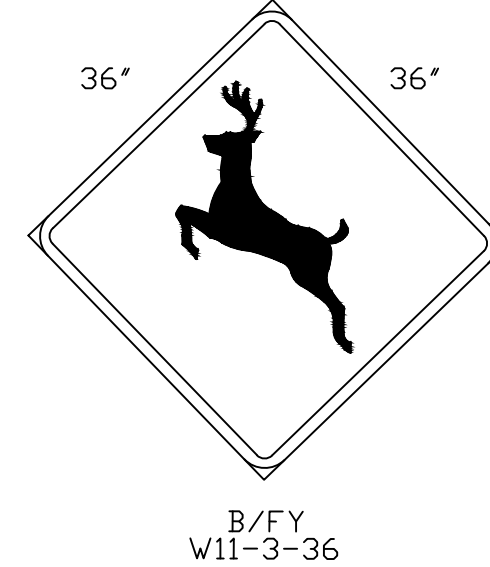
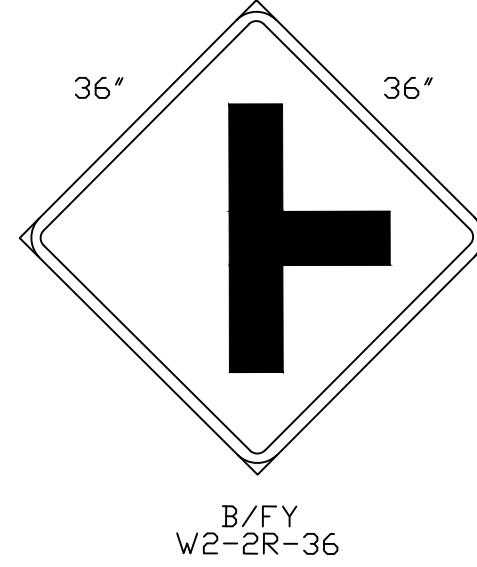
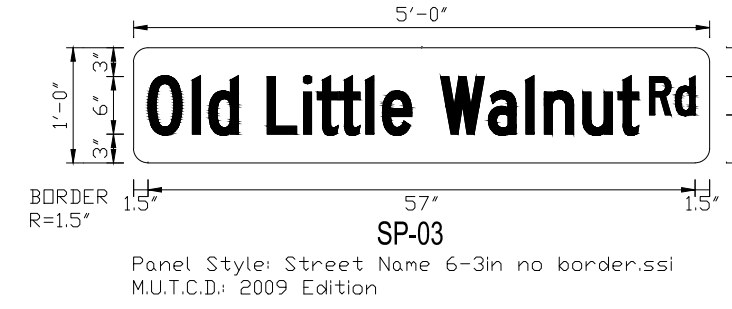
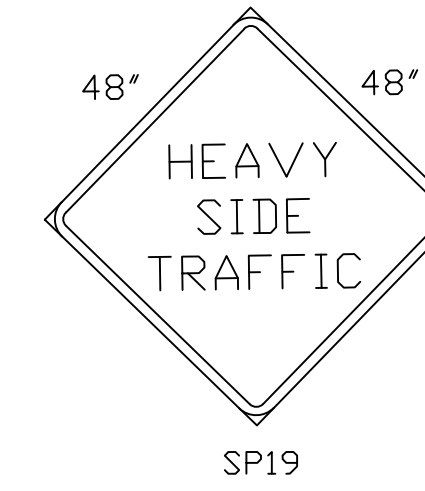
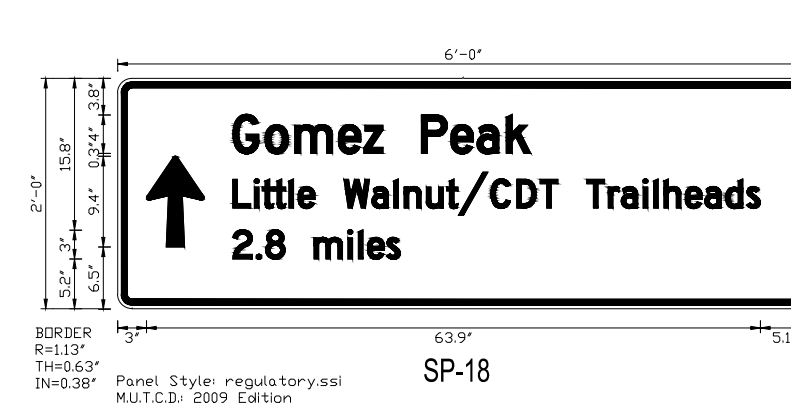
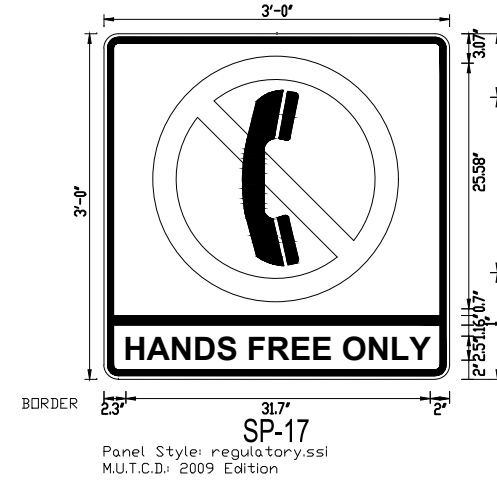
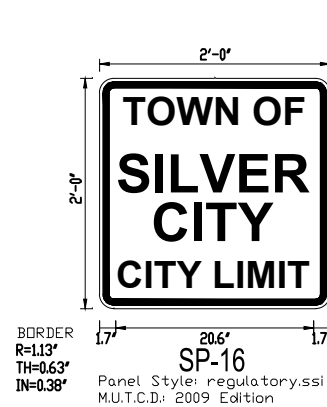
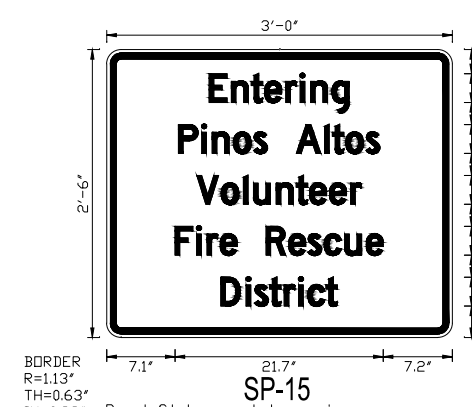
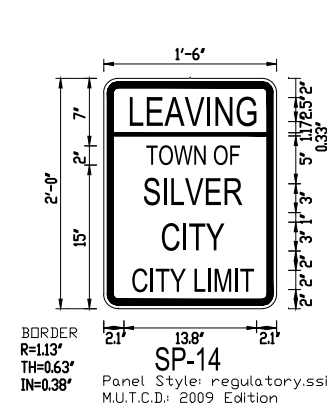
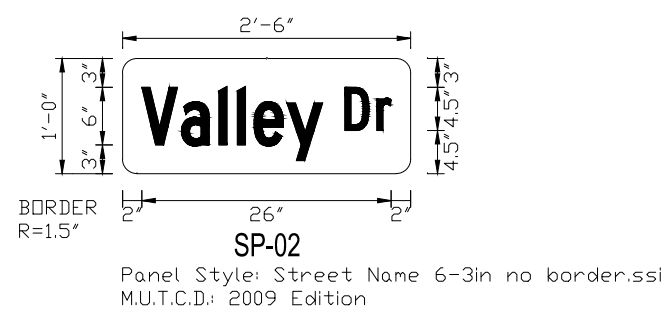
NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
 (1) PROGRESS PAYMENTS NO LATER THAN 30 DAYS AFTER THE DATE OF BILLING OR ESTIMATE IS RECEIVED.



**GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN**

SIGNING AND STRIPING QUANTITIES

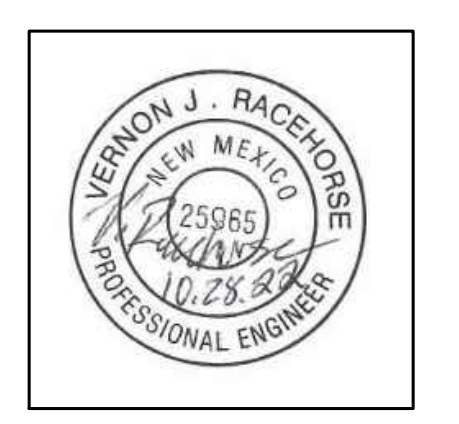
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BENCH MARKS

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ENGINEER'S SEAL



AS-BUILT INFORMATION

	CONTRACTOR	DATE	WORK STAGED BY	DATE	INSPECTORS ACCEPTANCE BY	DATE	FIELD VERIFICATION BY	DATE	DRAWINGS CORRECTED BY	DATE

REVISIONS

NO.	DATE	BY	DESCRIPTION

DESIGN

DESIGNED BY	CHECKED BY	DRAWN BY

NOTICE OF EXTENDED PAYMENT PROVISION THE CONSTRUCTION CONTRACT WILL ALLOW THE OWNER TO MAKE:
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GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN

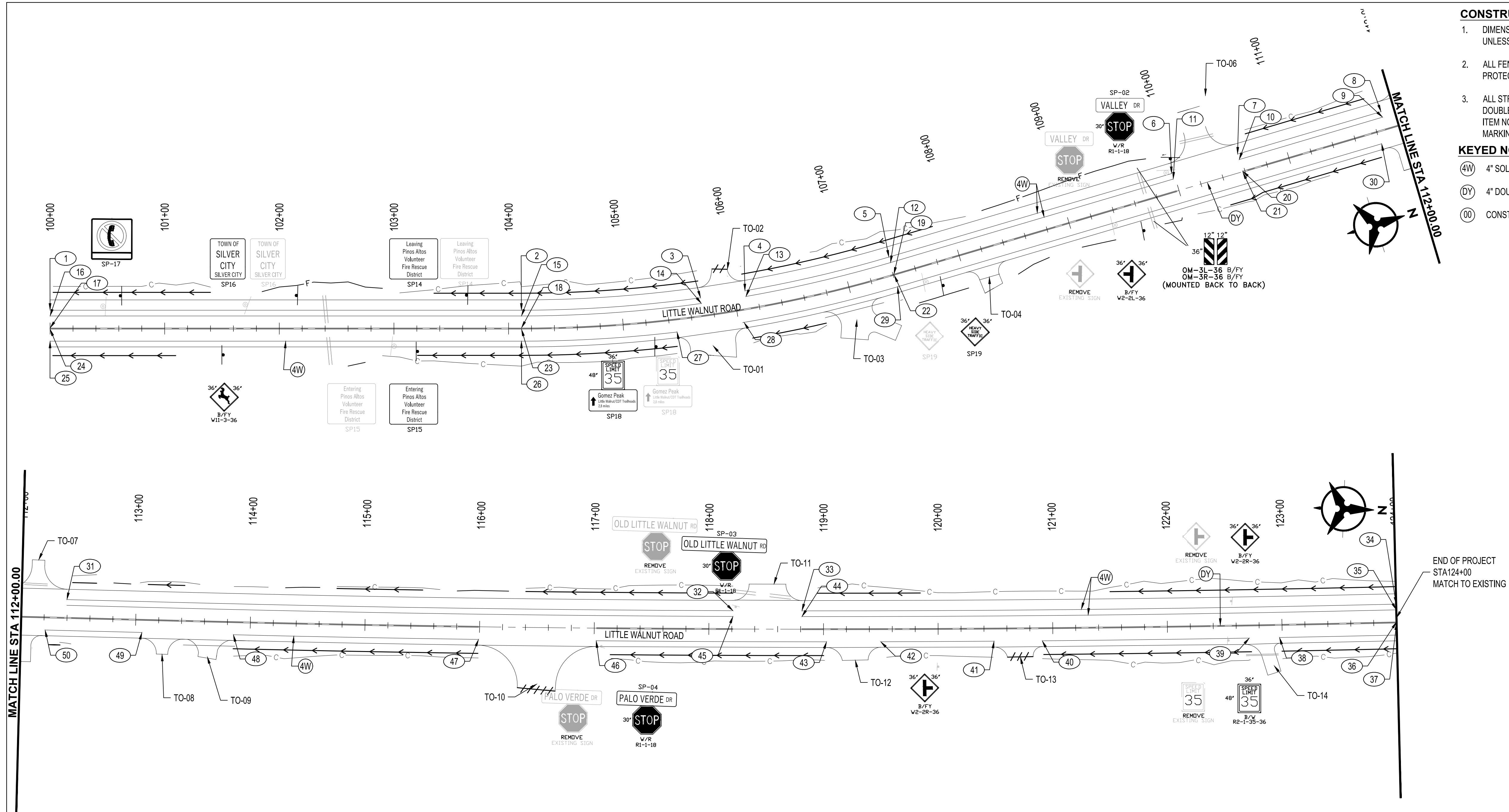
SIGN FACE DETAILS

BHI PROJECT NO.	20210361	DWG NO.	7-02	SHEET	24	OF	31
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- CONSTRUCTION NOTES:**
- DIMENSIONS ARE TO LIMITS OF FULL DEPTH PAVEMENT UNLESS OTHERWISE INDICATED.
 - ALL FENCES AND GATES SHALL REMAIN AND BE PROTECTED IN PLACE DURING CONSTRUCTION.
 - ALL STRIPING SHALL HAVE A DOUBLE APPLICATION. DOUBLE APPLICATION CONSIDERED INCIDENTAL TO BID ITEM NO. 704000 RETROREFLECTORIZED PAINTED MARKINGS 4".

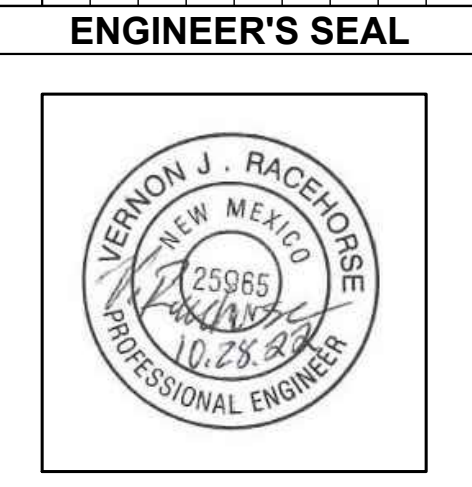
- KEYED NOTES:**
- (4W) 4" SOLID WHITE EDGE STRIPE.
 - (DY) 4" DOUBLE YELLOW CENTERLINE STRIPE.
 - (OO) CONSTRUCT NEW SIGN, SEE SIGN INSTALLATION TABLE.



○	STATION	OFFSET
26	104+11.24	11.00' RT
27	105+46.03	11.00' RT
28	106+04.47	11.00' RT
29	107+40.84	11.00' RT
30	111+81.14	11.00' RT
31	112+39.47	16.00' LT
32	118+21.00	16.00' LT
33	118+81.17	16.00' LT
34	124+00.00	16.00' LT
35	124+00.00	11.00' LT
36	124+00.00	0.50' LT
37	124+00.00	0.50' RT
38	122+97.61	11.00' RT
39	122+71.29	11.00' RT
40	120+90.74	11.00' RT
41	120+48.72	11.00' RT
42	119+49.90	11.00' RT
43	119+02.70	11.00' RT
44	118+81.17	11.00' LT
45	118+21.00	11.00' LT
46	117+01.83	11.00' RT
47	115+99.26	11.00' RT
48	113+85.41	11.00' RT
49	113+05.63	11.00' RT
50	112+21.14	11.00' RT

BENCH MARKS

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AS-BUILT INFORMATION

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REVISIONS

NO.	DATE	BY

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Bohannon & Huston
 www.bhinc.com 800.877.5332

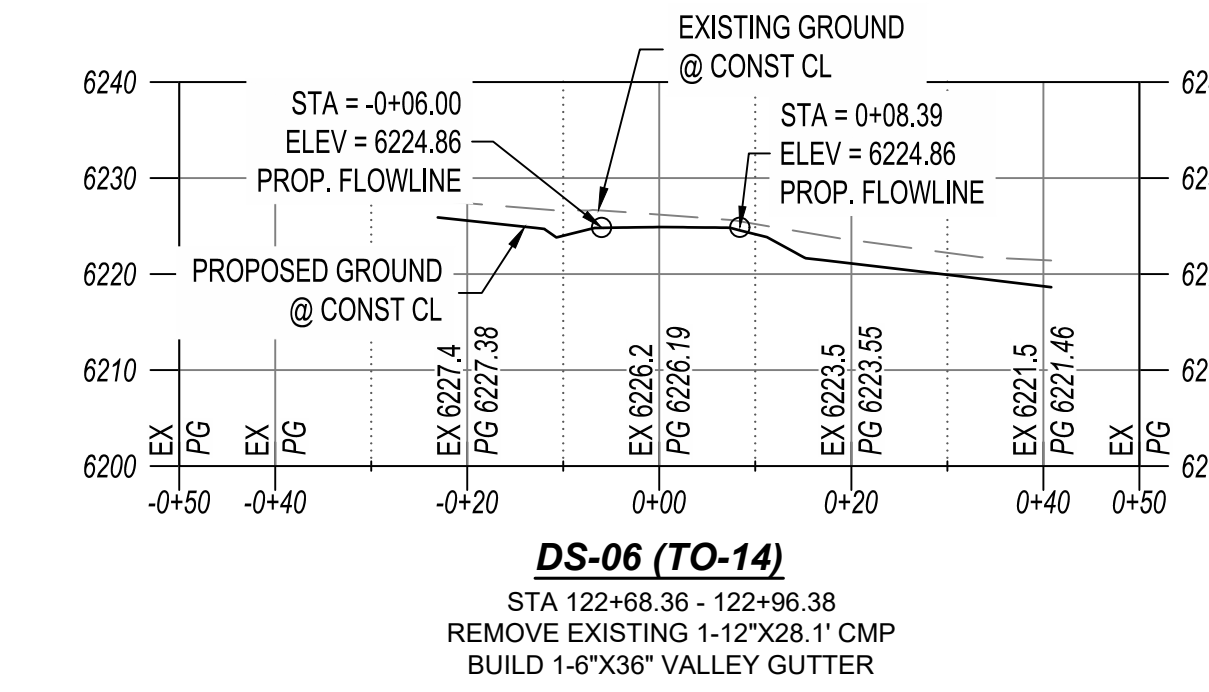
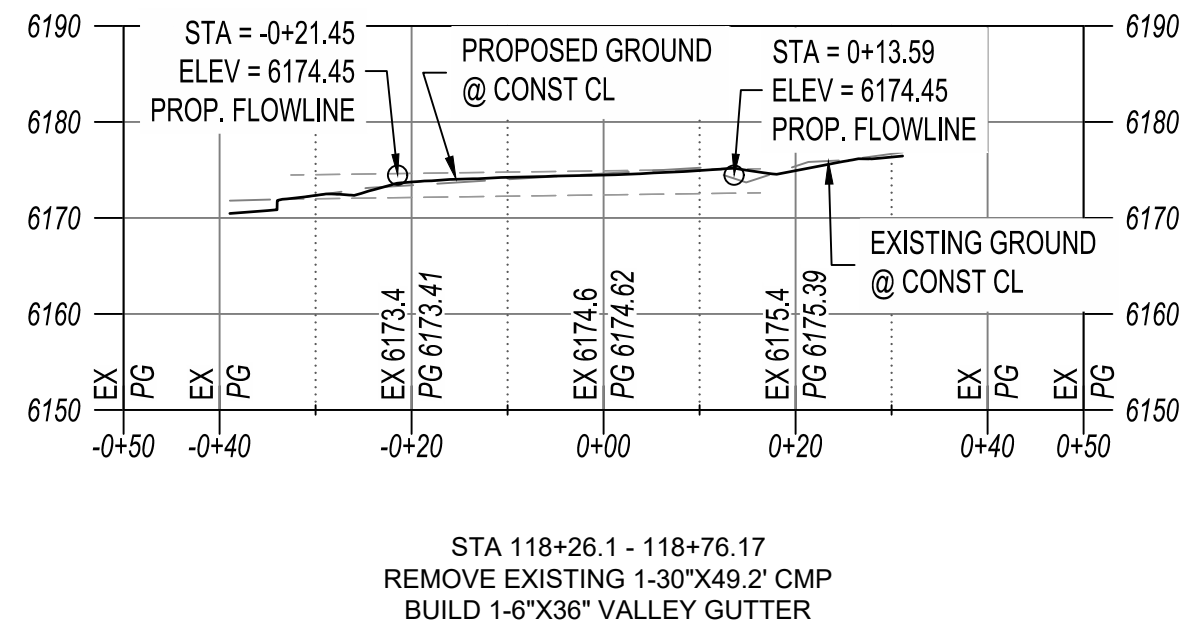
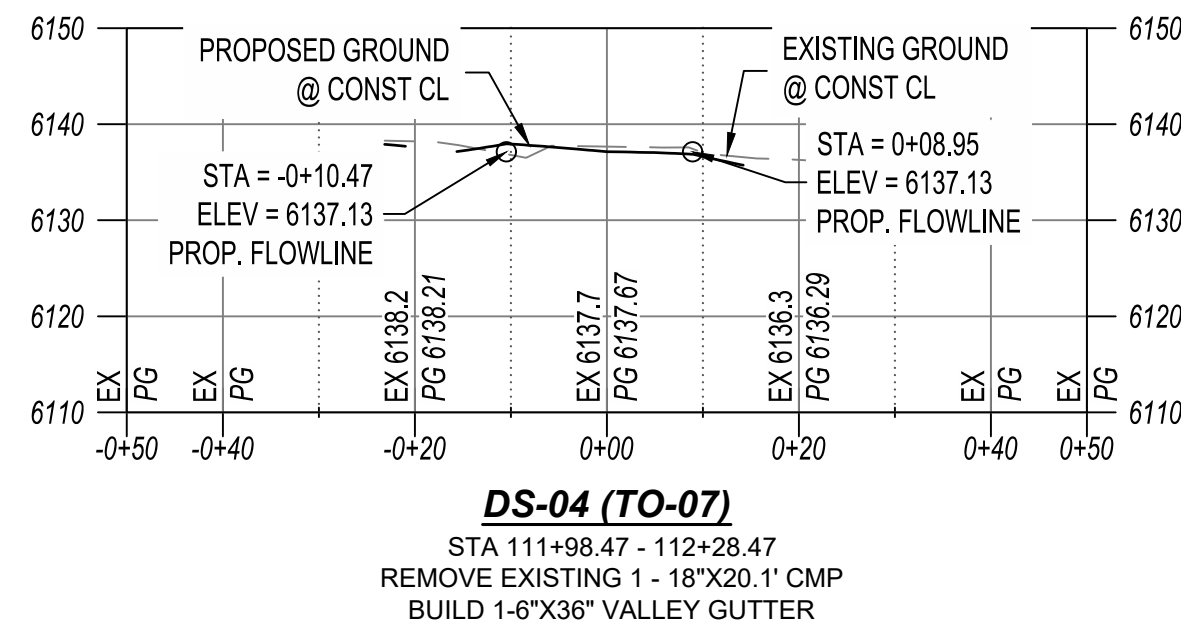
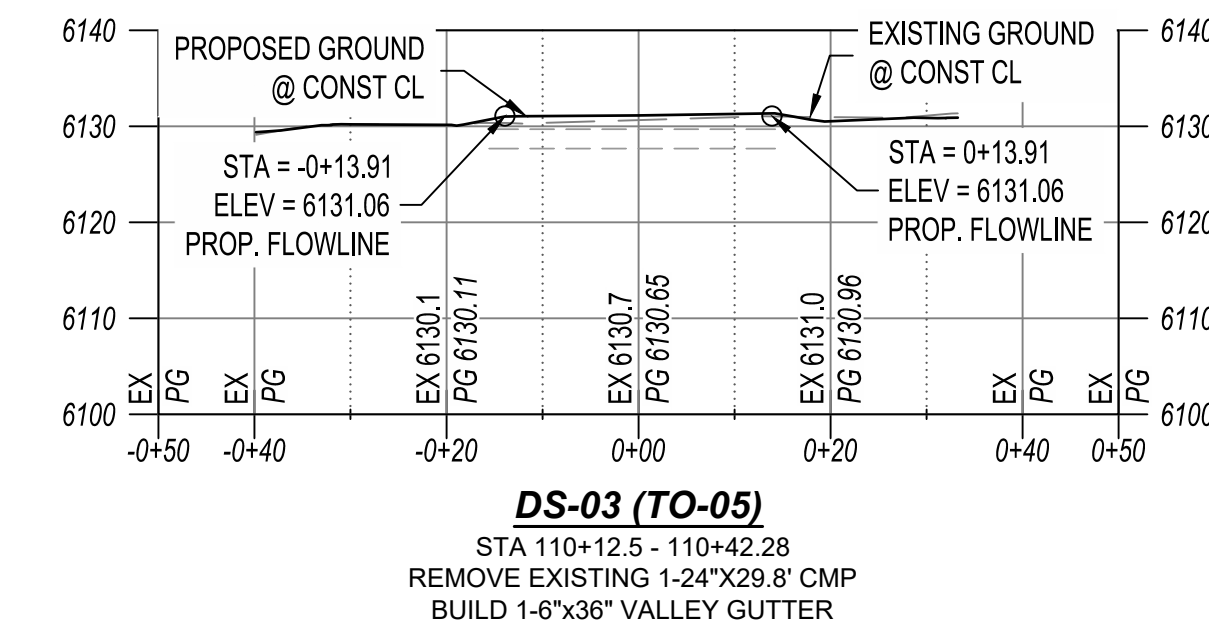
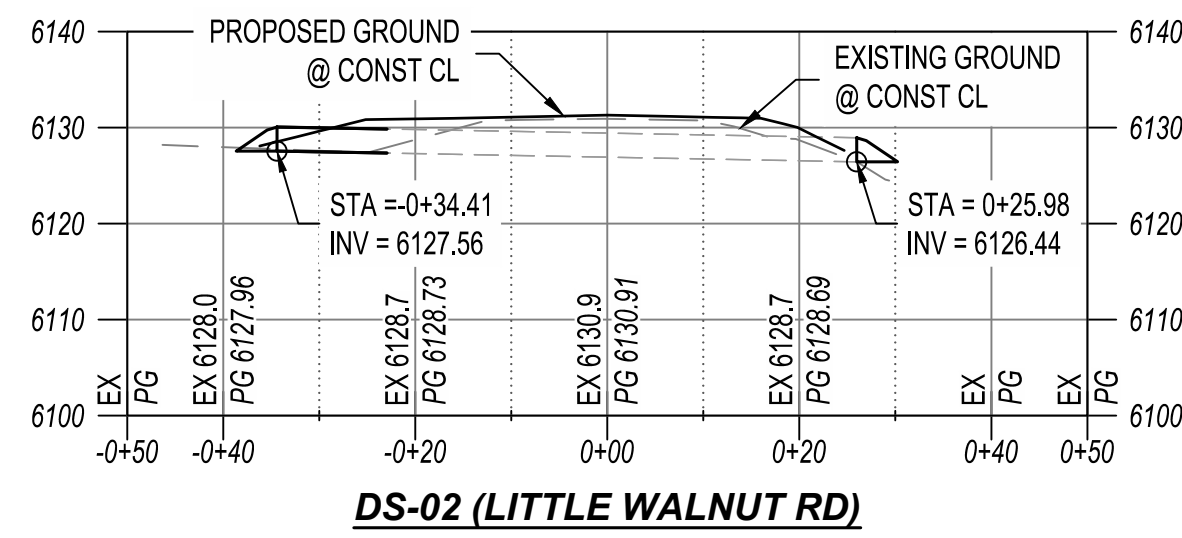
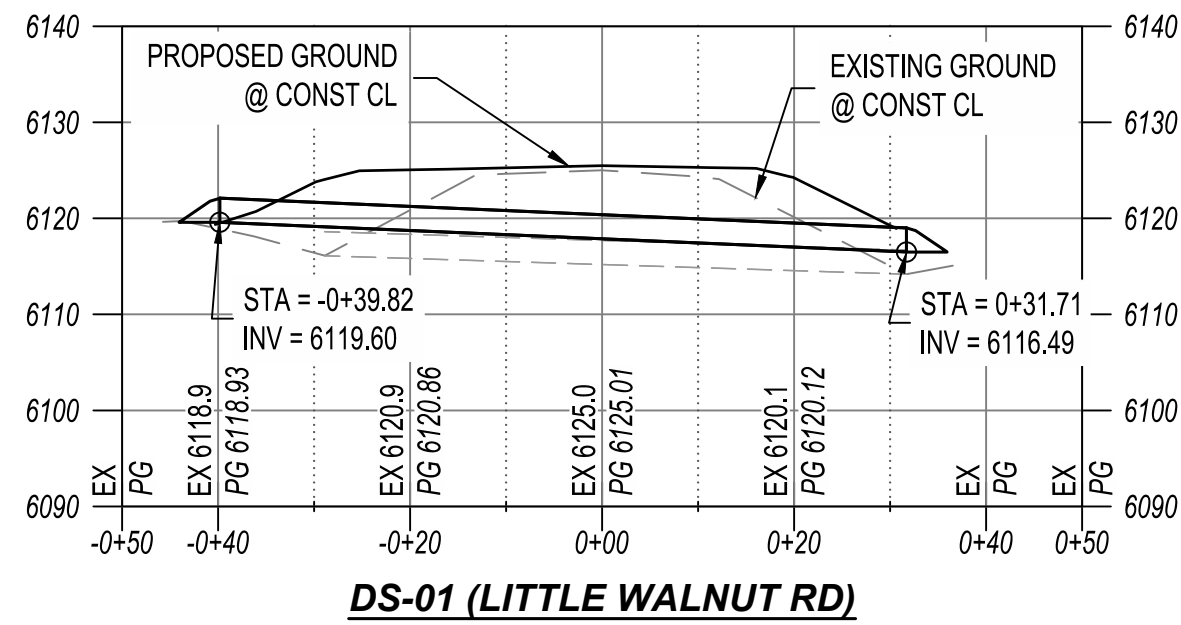
GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN

SIGNING AND STRIPING PLANS

BHI PROJECT NO. 20210361 DWG NO. 7-03 SHEET 25 OF 31

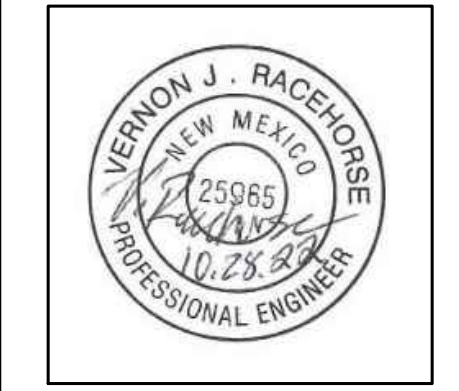


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ENGINEER'S SEAL



AS-BUILT INFORMATION	
CONTRACTOR	DATE
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FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

REVISIONS	
NO.	DATE

DESIGN	NO.	DATE	BY
DESIGNED BY	VR		
CHECKED BY	JLB		
DRAWN BY	VM		

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GRANT COUNTY
PHASE I - LITTLE WALNUT ROAD IMPROVEMENTS DESIGN
DRAINAGE DETAILS
BHI PROJECT NO. 20210361 DWG NO. 10-01 SHEET 26 OF 31

