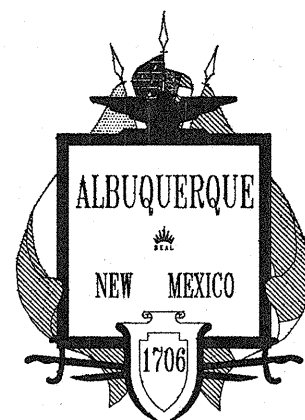


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DA/INTERCROSS/4013131
PLOT SCALE
1"=1'
OPERATOR
ALJ/LEWIS
PLOT DATE
11/18/93 14:48



CITY OF ALBUQUERQUE

CONSTRUCTION PLANS FOR

MOUNTAIN ROAD RAILROAD CROSSING

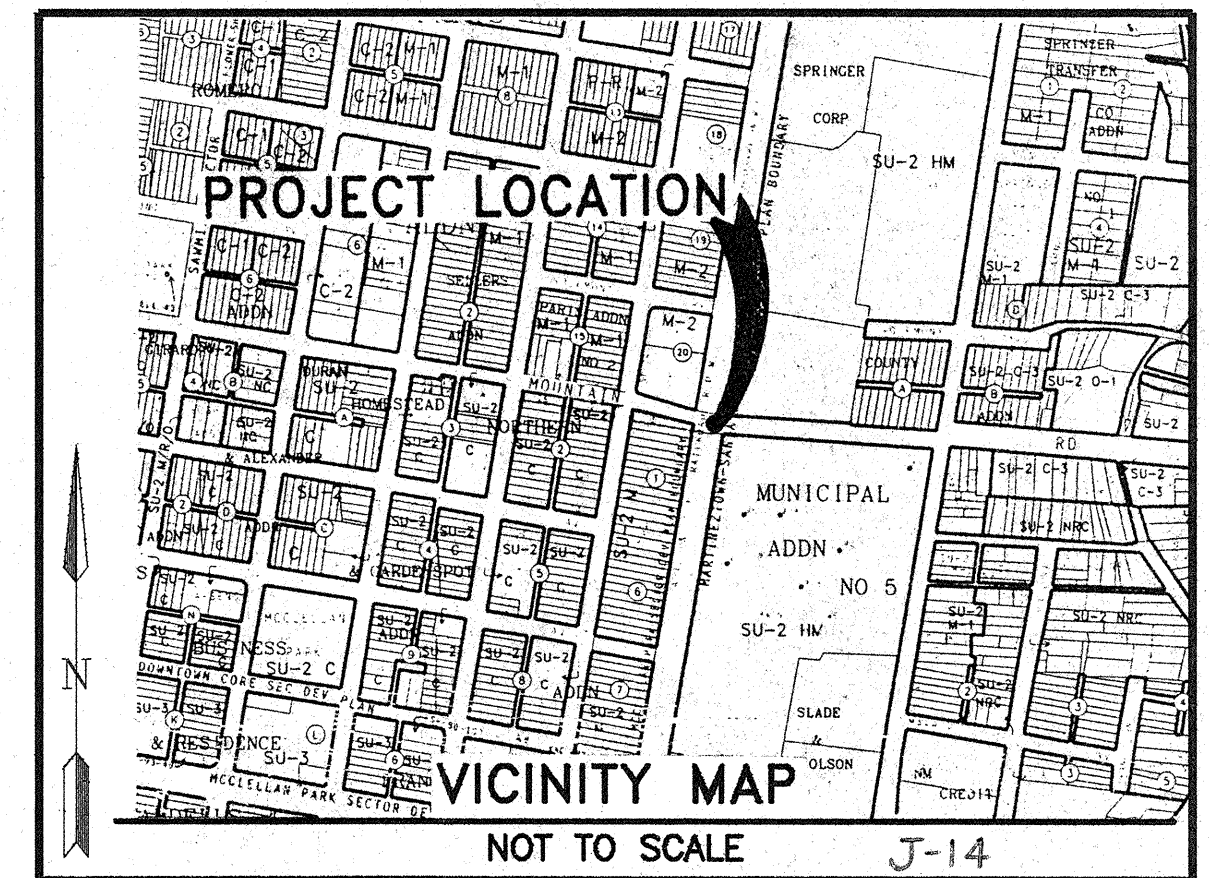
NOVEMBER 1993

As ~~Per~~ ^{BUILT}

FINAL
DATE 12/09/93

INDEX of SHEETS

Sheet No.	Sheet Title
1	TITLE SHEET, GENERAL NOTES & VICINITY MAP
2	PLAN & PROFILE
3	SECTIONS AND DETAILS
4	GRADE ELEVATIONS

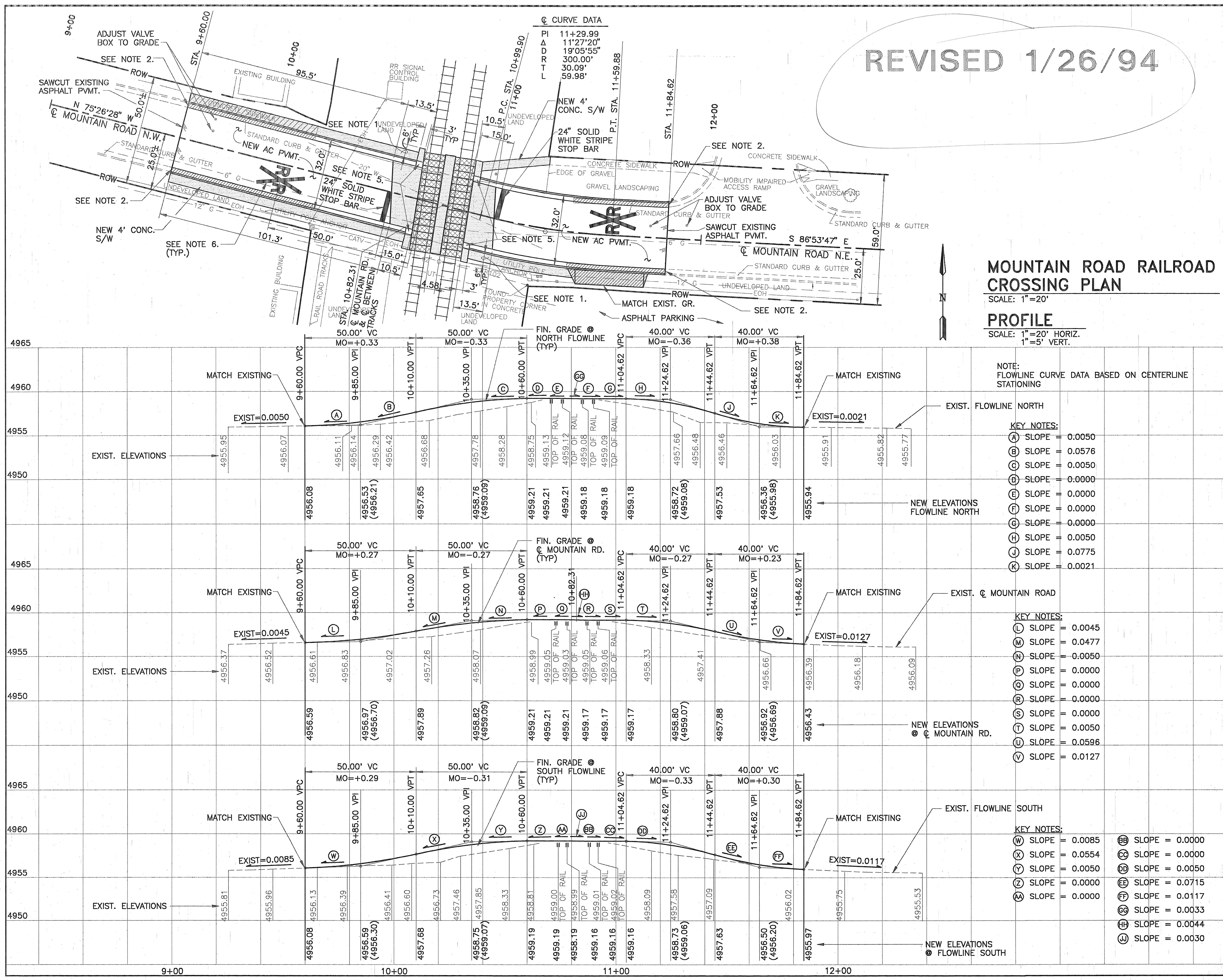


GENERAL NOTES

1. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM, INC., 260-1990, FOR LOCATION OF EXISTING UTILITIES.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 (INCLUDING AMENDMENTS 1, 2, 3 & 4). REFERENCED TO HEREIN AS THE "STANDARD SPECIFICATIONS".
3. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING VALVE BOXES, SIDEWALKS, ELECTRIC CONDUIT, MANHOLES, AND CURB & GUTTER DURING CONSTRUCTION AND SHALL REPAIR OR REPLACE SAME AT CONTRACTOR'S EXPENSE.
4. THE LOCATION OF EXISTING UNDERGROUND UTILITIES HAS BEEN DETERMINED BY INFORMATION PROVIDED BY OTHERS, AND SHALL BE CONSIDERED APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND SIZE OF ALL EXISTING UTILITY LINES PRIOR TO CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES RESULTING FROM FAILURE TO LOCATE ANY AND ALL UTILITIES.
5. QUANTITIES SHOWN FOR THE VARIOUS BID ITEMS ARE FOR THE CONTRACTOR'S INFORMATION ONLY. PAYMENT SHALL BE BASED ON ACTUAL QUANTITIES AS CONSTRUCTED.
6. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLITION DEBRIS IN AN ENVIRONMENTALLY ACCEPTABLE MANNER AT A LOCATION APPROVED BY THE PROJECT ENGINEER. ALL SALVAGED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
7. THE CONTRACTOR SHALL SUPPORT AND MAINTAIN OPERATIONAL ALL UTILITIES EXPOSED DURING TRENCHING AND OTHER CONSTRUCTION OPERATIONS. ALL CONSTRUCTION ACTIVITIES INVOLVING GAS, POWER, WATER, FIBER OPTIC, AND/OR OTHER UTILITY LINES SHALL BE COORDINATED WITH THE OWNER OF THE UTILITY PRIOR TO ANY DISTURBANCE. NO UTILITY SERVICE SHALL BE DISRUPTED WITHOUT FIRST NOTIFYING ALL AFFECTED PARTIES 48 HOURS IN ADVANCE.

REV	SHEETS	CITY ENGR	DATE	USER DEPT	DATE	USER DEPT	DATE
APPROVAL OF REVISIONS							
		BOYLE ENGINEERING CORPORATION		APPROVED FOR CONSTRUCTION C.E.			
PROJECT No.: 4706.90				SHEET 1 of 4			

REVISED 1/26/94



LEGEND

- NEW P.C.C.
- CURB & GUTTER REMOVAL
- EXISTING CURB & GUTTER
- LIGHT POLE
- SIGNAL
- FIREHYDRANT
- WATER VALVE
- NEW STD. CURB & GUTTER DTL. 2415
- RUBBER CROSSING (BY AT & SF)

CONSTRUCTION NOTES:

- WIDTH OF CONCRETE SLABS ARE APPROXIMATE. MATCH CONCRETE FLUSH WITH "HIGH-RAIL" AT ENDS.
- CURB & GUTTER REPLACEMENT SHOWN IS APPROXIMATE. REPLACE TO NEAREST FULL JOINT.
- RUBBER CROSSING (HIGH-RAIL) AND RAIL ADJUSTMENT TO BE PERFORMED BY THE AT & SF RAILWAY CO. NEW TOP OF RAIL ELEVATIONS SHOWN ARE FINAL GRADES, SUBSEQUENT TO PRE-COMPACTION BY LOCOMOTIVE SETTling.
- 5' TRANSITION FROM STD. C&G TO RUNDOWN CURB AT NORTH AND SOUTH ENDS. AND POUR APPROX. 6"x3' CONC. SLAB 10.5" THICK.
- CAUTION! ELECTRICAL OVERHEAD WIRES AND HP GAS LINES EXIST WITHIN PROJECT AREA.

AS BUILT INFORMATION

20-J14 LOCATED AT THE INTERSECTION OF LOMAS BLVD., AND FIRST ST. IN THE S.E. QUADRANT OF THE INTERSECTION. AN A.C.S. 1 3/4" ALUMINUM DISK STAMPED "A.C.S. B.M. 20-J14" SET IN THE TOP OF CONCRETE CURB, AT THE E.S.E. CURB RETURN. ELEV.=4954.753

ENGINEERS SEAL

NO. DATE

REMARKS

DESIGN

DESIGNED BY REH DATE 11-17-93

DRAWN BY CAL DATE 11-17-93

CHECKED BY WWW DATE 11-17-93

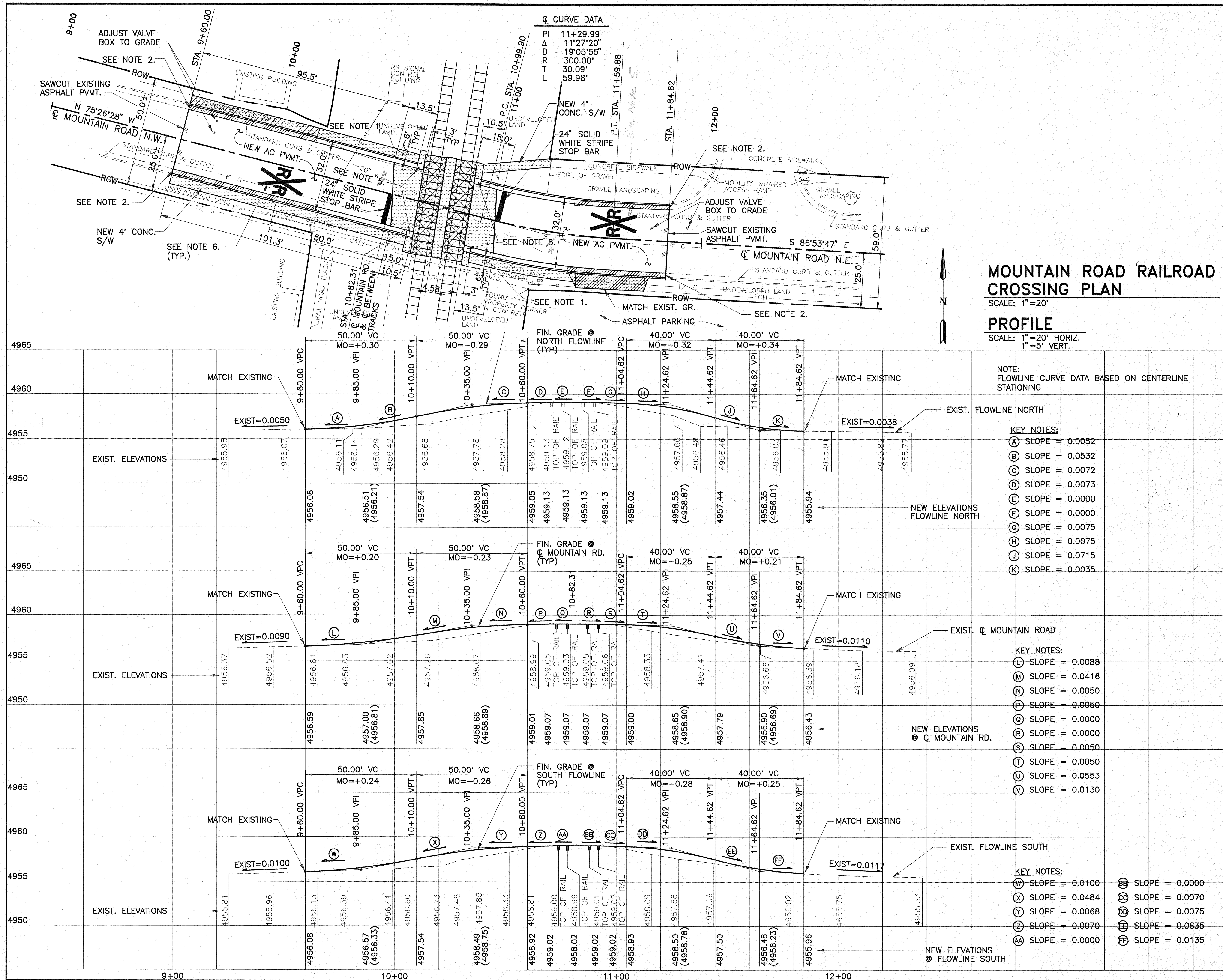
BOYLE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: MOUNTAIN ROAD RAILROAD CROSSING PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 4706.90 MAP NO. J-14 SHEET 2 OF 4



LEGEND

CONSTRUCTION NOTES:

- WIDTH OF CONCRETE SLABS ARE APPROXIMATE. MATCH CONCRETE FLUSH WITH "HIGH-RAIL" AT ENDS.
- CURB & GUTTER REPLACEMENT SHOWN IS APPROXIMATE. REPLACE TO NEAREST FULL JOINT.
- RUBBER CROSSING (HIGH-RAIL) AND RAIL ADJUSTMENT TO BE PERFORMED BY THE AT & SF RAILWAY CO. NEW TOP OF RAIL ELEVATIONS SHOWN ARE FINAL GRADES, SUBSEQUENT TO PRE-COMPACTION BY LOCOMOTIVE SETTLING.
- 5' TRANSITION FROM STD. C&G TO RUNDOWN CURB AT NORTH AND SOUTH ENDS. AND POUR APPROX. 6"x3" CONC. SLAB 10.5" THICK.
- HOT THERMOPLASTIC RAILROAD CROSSING PAVEMENT MARKER AND STOP BAR. SEE DETAIL SHEET 4.
- CAUTION! ELECTRICAL OVERHEAD WIRES AND HP GAS LINES EXIST WITHIN PROJECT AREA.

KEY NOTES:

EXIST. FLOWLINE NORTH:

- (A) SLOPE = 0.0052
- (B) SLOPE = 0.0532
- (C) SLOPE = 0.0072
- (D) SLOPE = 0.0073
- (E) SLOPE = 0.0000
- (F) SLOPE = 0.0000
- (G) SLOPE = 0.0075
- (H) SLOPE = 0.0075
- (I) SLOPE = 0.0715
- (J) SLOPE = 0.0035

EXIST. MOUNTAIN RD.:

- (L) SLOPE = 0.0088
- (M) SLOPE = 0.0416
- (N) SLOPE = 0.0050
- (O) SLOPE = 0.0050
- (P) SLOPE = 0.0000
- (Q) SLOPE = 0.0000
- (R) SLOPE = 0.0050
- (S) SLOPE = 0.0050
- (T) SLOPE = 0.0050
- (U) SLOPE = 0.0553
- (V) SLOPE = 0.0130

EXIST. FLOWLINE SOUTH:

- (W) SLOPE = 0.0100
- (X) SLOPE = 0.0484
- (Y) SLOPE = 0.0068
- (Z) SLOPE = 0.0070
- (AA) SLOPE = 0.0000
- (BB) SLOPE = 0.0000
- (CC) SLOPE = 0.0070
- (DD) SLOPE = 0.0075
- (EE) SLOPE = 0.0635
- (FF) SLOPE = 0.0135

BOYLE

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP**

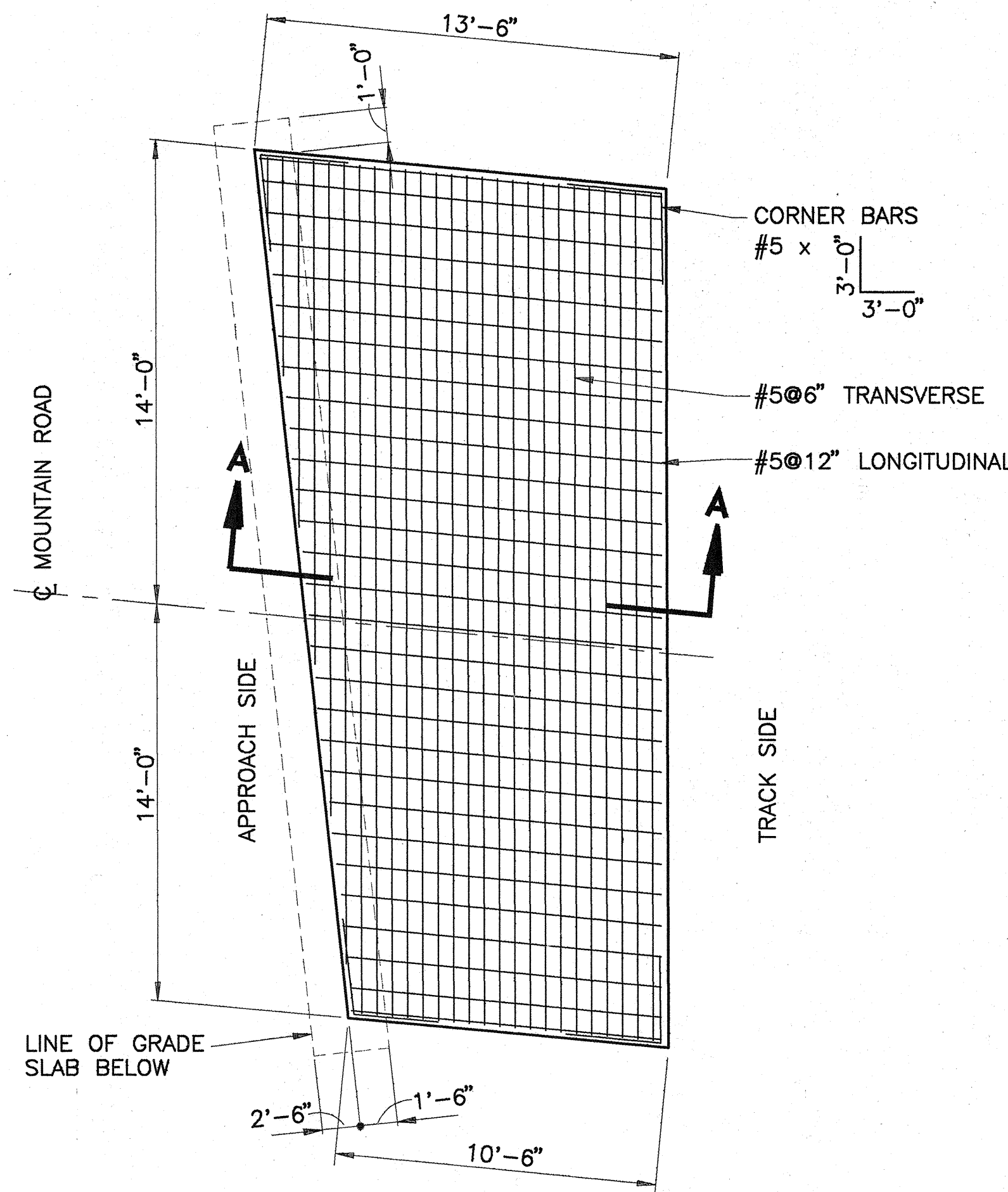
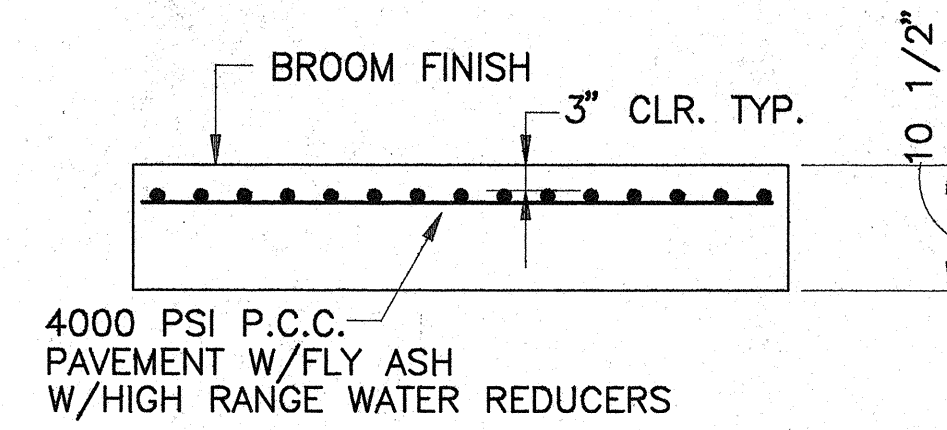
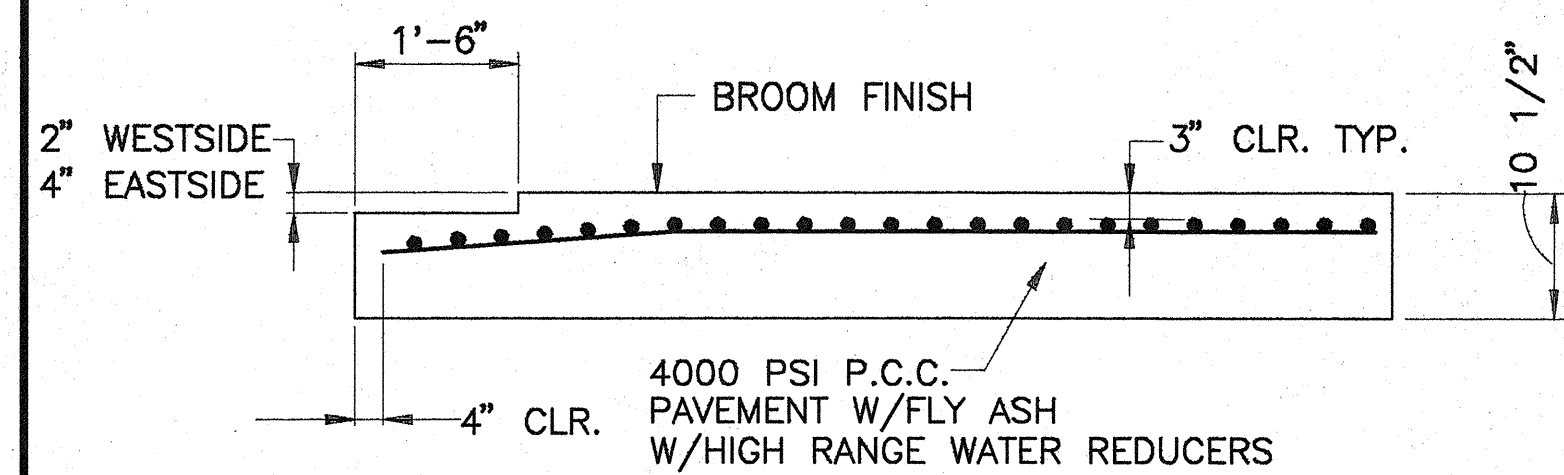
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APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	12-22-93	WATER	N/A RWK	11-22-93
TRANSPORTATION	<i>[Signature]</i>	11-22-93	WASTE WATER	N/A RWK	11-22-93
HYDROLOGY	<i>[Signature]</i>	11-22-93			

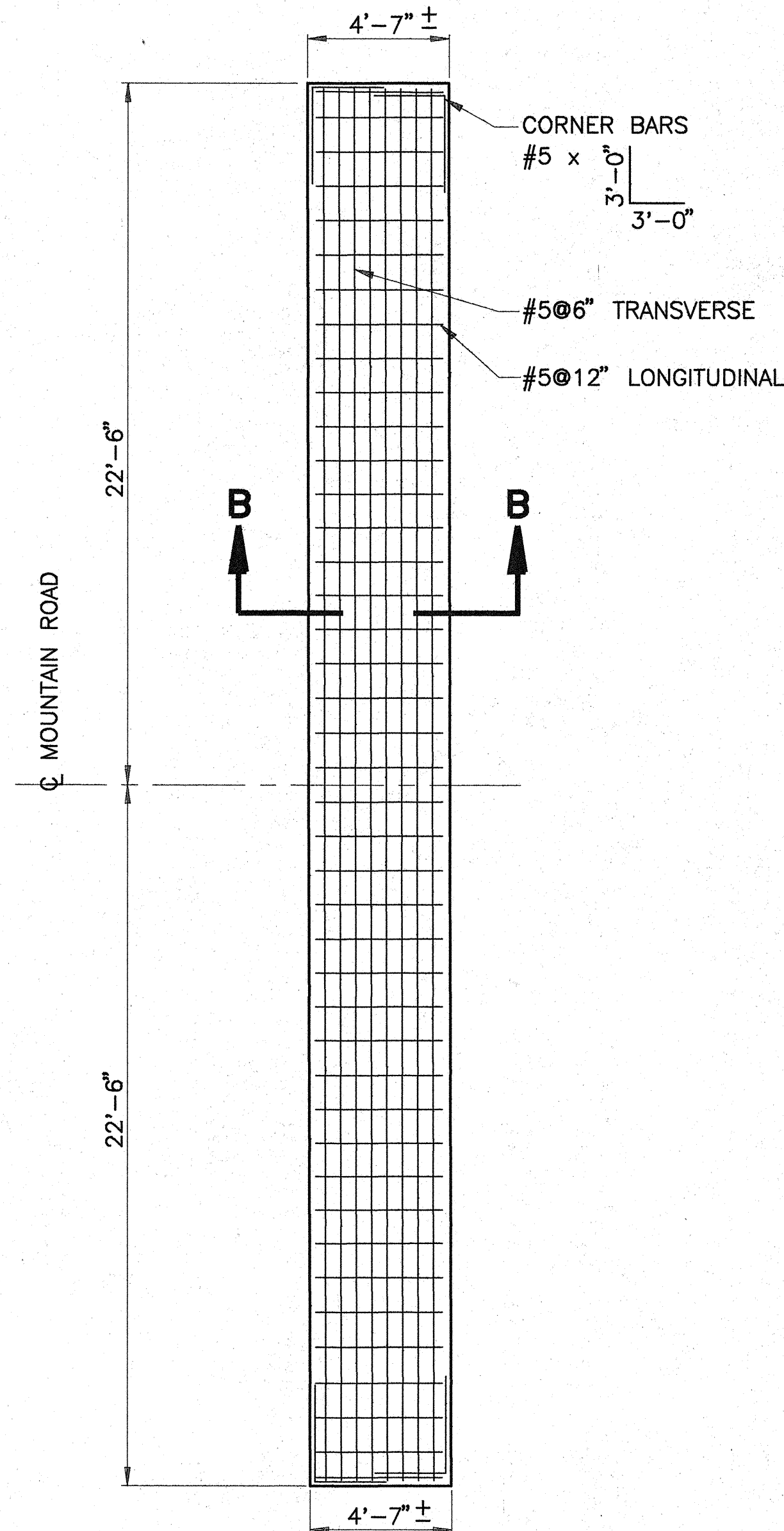
PROJECT NO. 4706.90

MAP NO. J-14

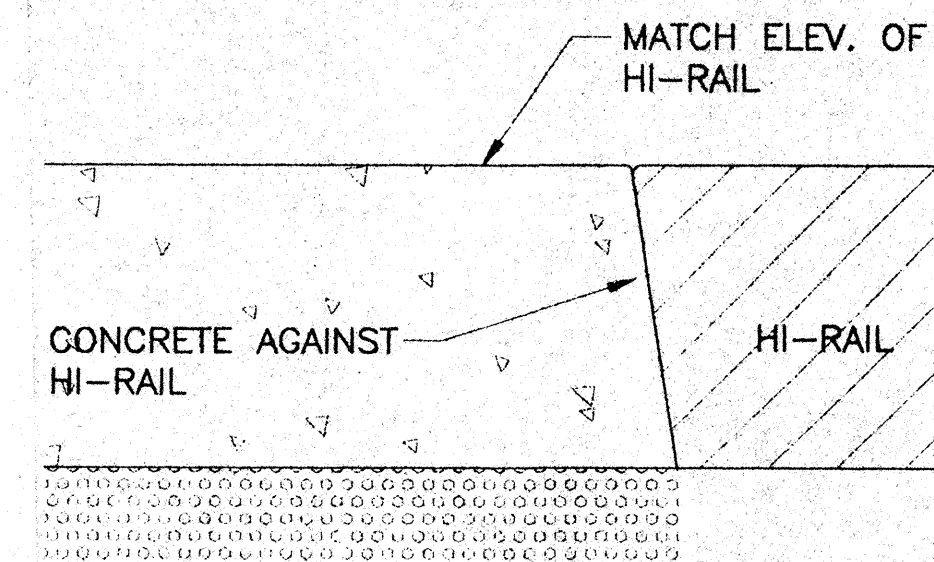
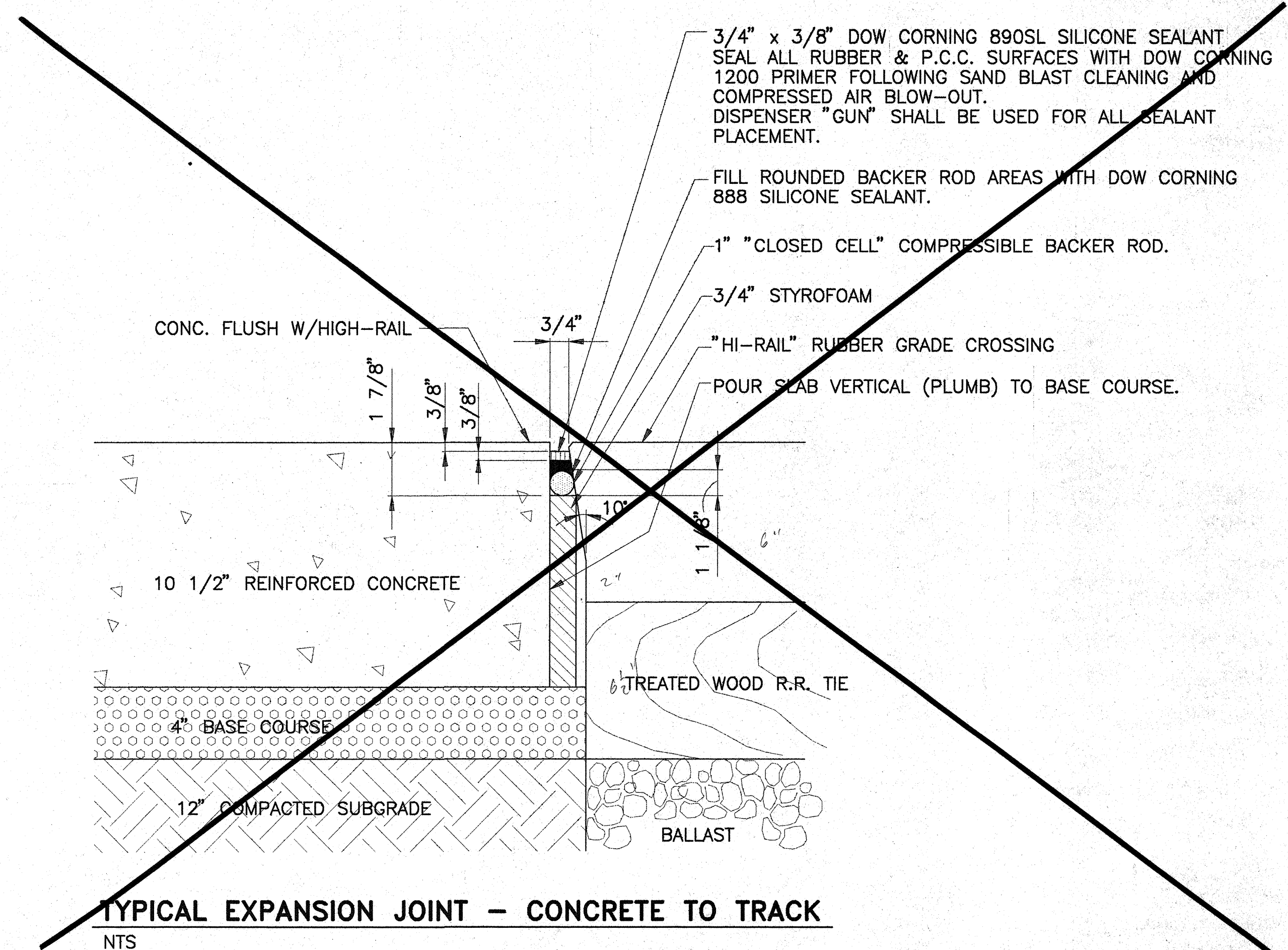
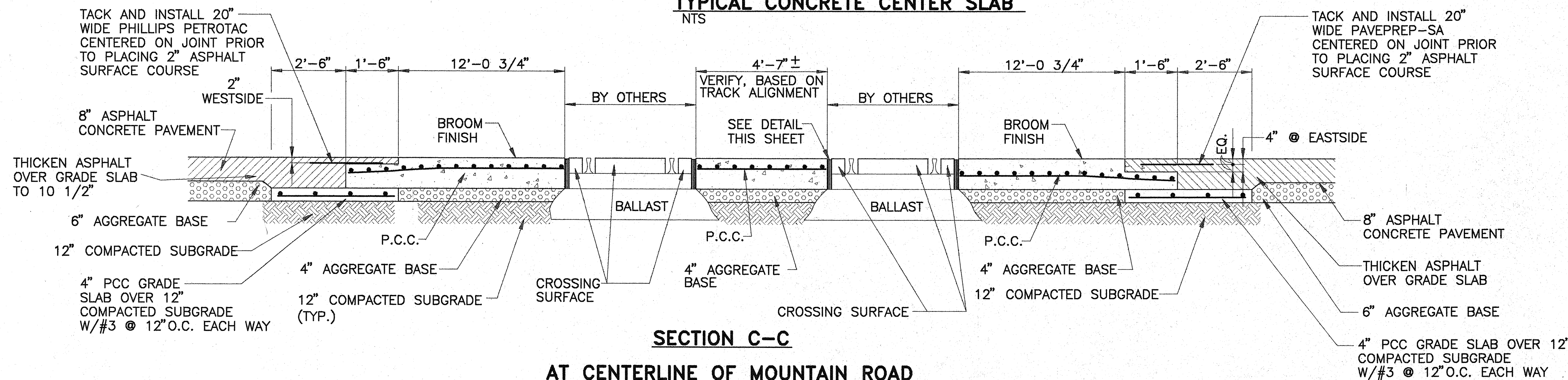
SHEET 2 OF 4



TYPICAL CONCRETE APPROACH SLAB
NTS



TYPICAL CONCRETE CENTER SLAB
NTS



ENGINEERS SEAL				SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		20-J14 LOCATED AT THE INTERSECTION OF LOMAS BLVD., AND FIRST ST. IN THE S.E. QUADRANT OF THE INTERSECTION. AN A.C.S. 1 3/4" ALUMINUM DISK STAMPED "A.C.S., B.M., 20-J14", SET IN THE TOP OF CONCRETE CURB, AT THE E.S.E. CURB RETURN. ELEV.=4954.753		CONTRACTOR	
				NO.	DATE	WORK STACKED BY			
						INSPECTOR'S ACCEPTANCE BY			
						FIELD LOCATION BY			
						DEMANS CORRECTED BY			
DESIGNED BY				REH	DATE	MICRO-FILM INFORMATION		RECORDED BY	
DRAWN BY				CAL	DATE			NO.	
CHECKED BY				WWW	DATE				

BOYLE
ENGINEERING CORPORATION

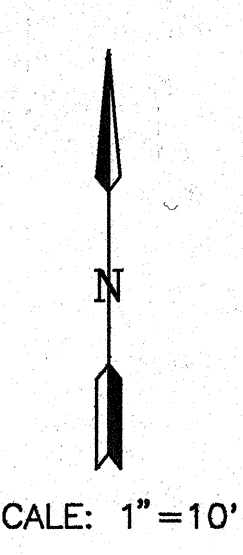
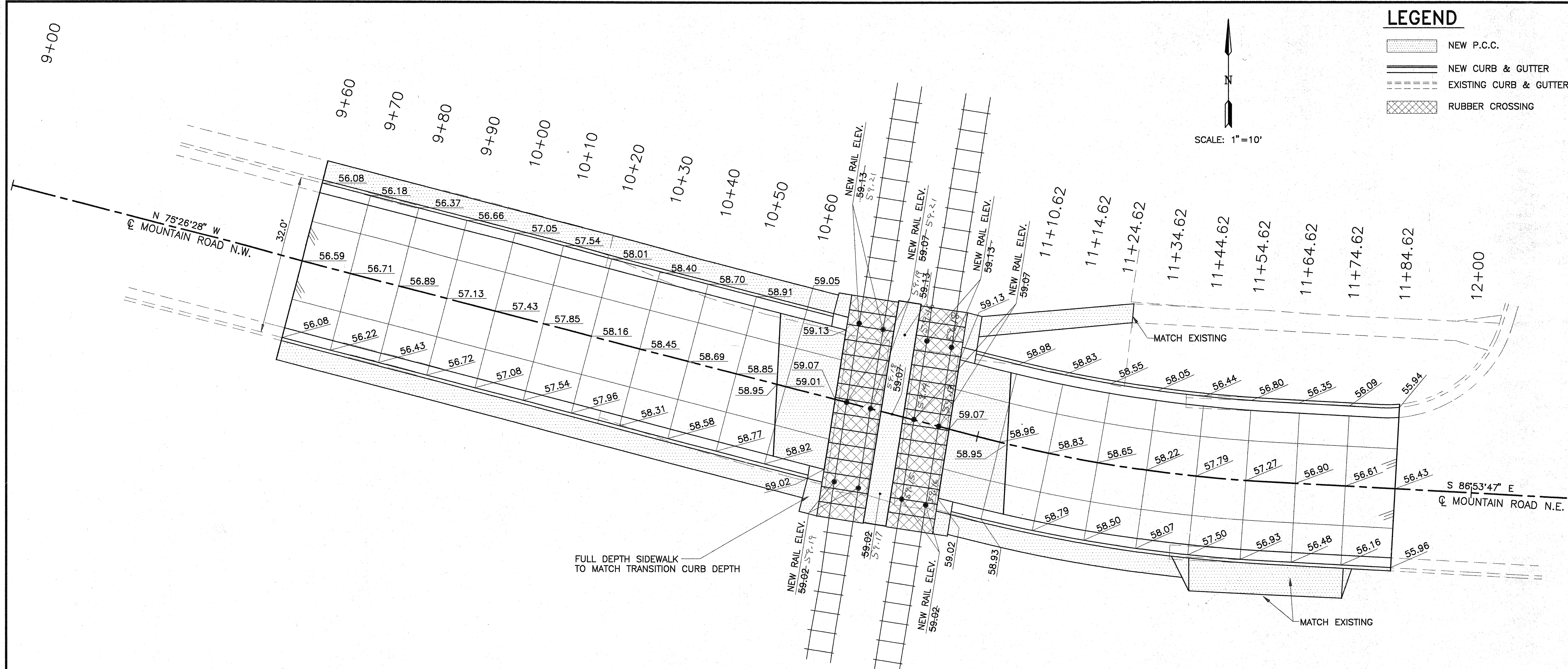
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TITLE: MOUNTAIN ROAD RAILROAD CROSSING SECTIONS AND DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>S. Boley</i>	11-22-93	WATER	<i>MA RWK</i>	11-22-93
TRANSPORTATION	<i>S. Boley</i>	11-22-93	WASTE WATER	<i>MA RWK</i>	11-22-93
HYDROLOGY	<i>S. Boley</i>	11-22-93			
PROJECT NO.	4706.90	MAP NO.	J-14	SHEET	OF
				3	4

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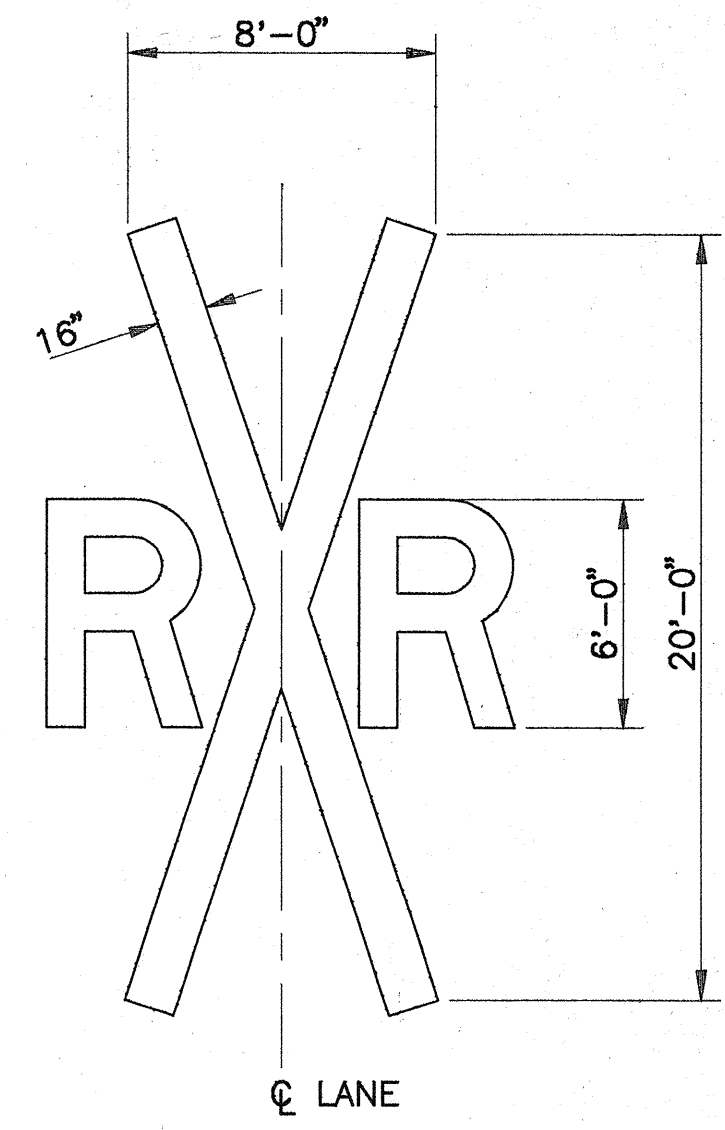
PLOT SCALE
1"=10'

OPERATOR
ALJ2/LENTE

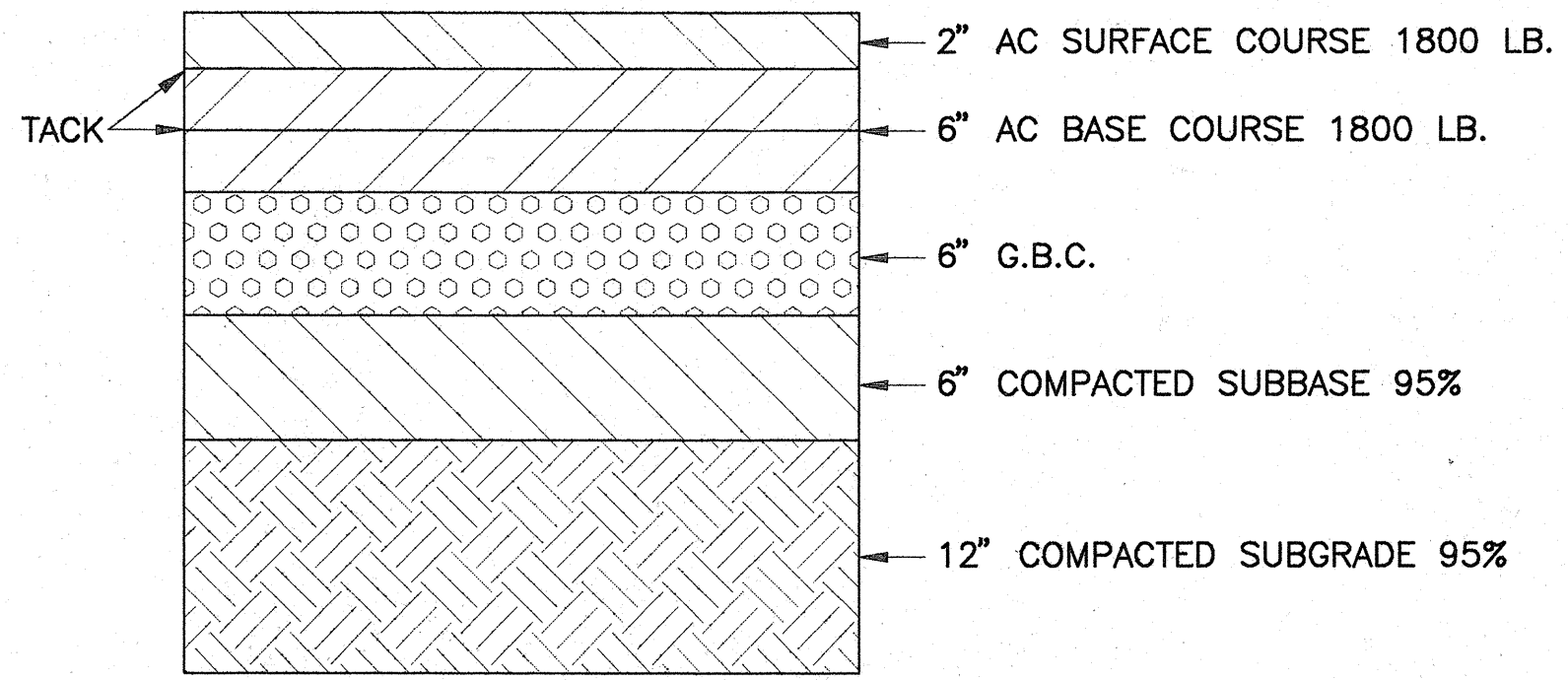
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- LEGEND**
- NEW P.C.C.
 - NEW CURB & GUTTER
 - EXISTING CURB & GUTTER
 - RUBBER CROSSING

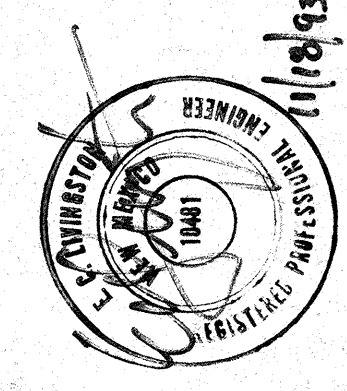


RAILROAD CROSSING PAVEMENT MARKER
NTS

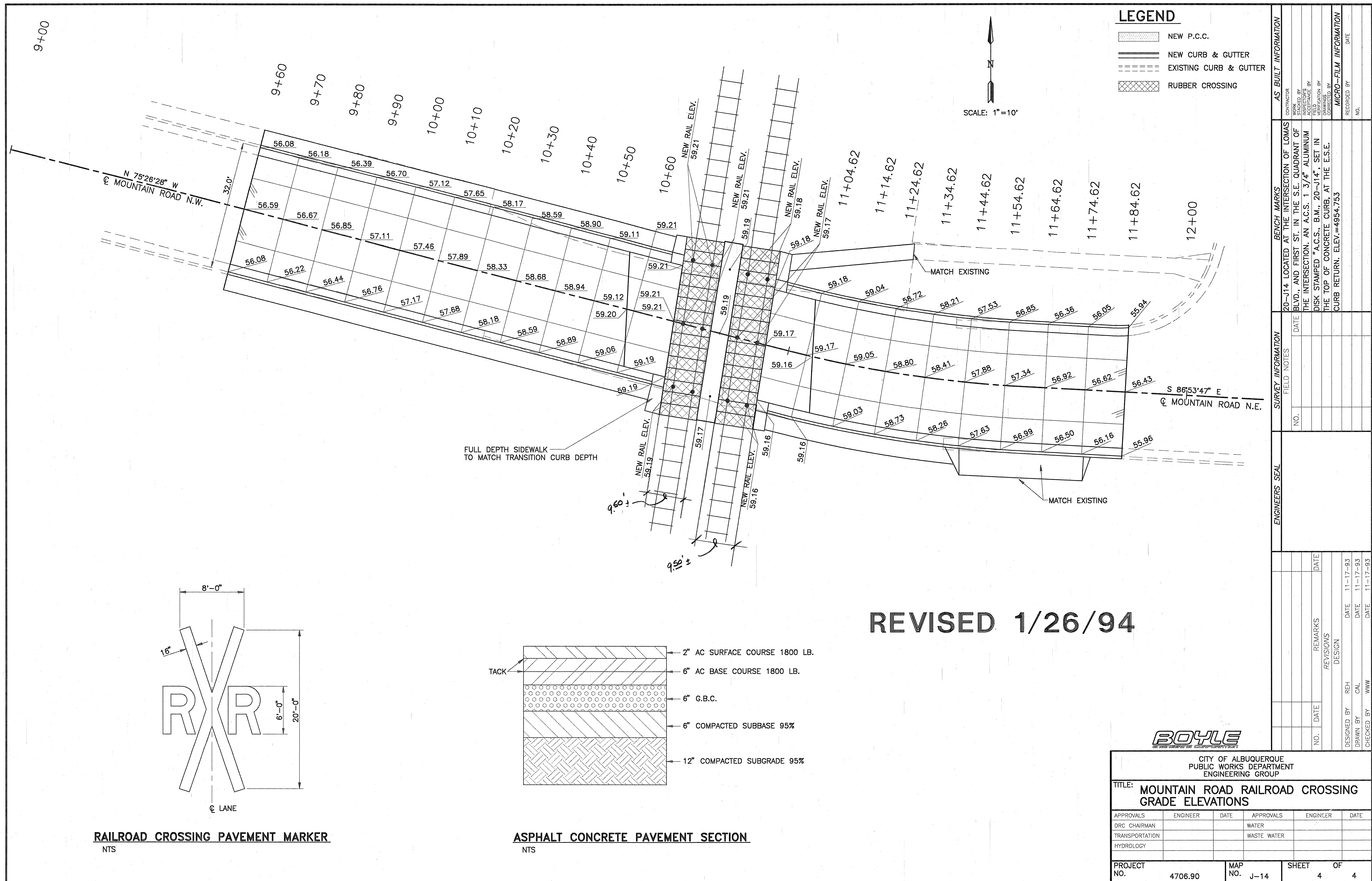


ASPHALT CONCRETE PAVEMENT SECTION
NTS

AS BUILT INFORMATION			BENCH MARKS		
CONTRACTOR	DATE	NO.	20-114	LOCATED AT THE INTERSECTION OF LOMAS BLVD. AND FIRST ST. IN THE S.E. QUADRANT OF THE INTERSECTION. AN A.C.S. 1 3/4" ALUMINUM DISK STAMPED 'A.C.S. B.M. 20-114' SET IN THE TOP OF CONCRETE CURB, AT THE E.S.E. CURB RETURN. ELEV.=4954.753	
WORK STACKED BY	DATE	NO.			
ACCEPTANCE BY	DATE	NO.			
FIELD OBSERVATION BY	DATE	NO.			
DRAWN BY	DATE	NO.			
CHECKED BY	DATE	NO.			
RECORDED BY	DATE	NO.			
DATE					



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: MOUNTAIN ROAD RAILROAD CROSSING GRADE ELEVATIONS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	S. B. Boyle	11-22-93	WATER	N/A R.W.	11-22-93
TRANSPORTATION	K. Boyle	11-29-93	WASTE WATER	N/A R.W.	11-22-93
HYDROLOGY	S. Boyle	11-29-93			
PROJECT NO.	4706.90	MAP NO.	J-14	SHEET	4 OF 4

**BOYLE**

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: MOUNTAIN ROAD RAILROAD CROSSING GRADE ELEVATIONS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					
PROJECT NO.		MAP NO.	SHEET		OF
4706.90		J-14	4		4