

CITY OF ALBUQUERQUE

CONSTRUCTION PLANS FOR

EL OSO GRANDE BIKE TRAIL BETWEEN JUAN TABO BLVD. AND EUBANK BLVD

CLASS I AND CLASS II CONSTRUCTION

Class I

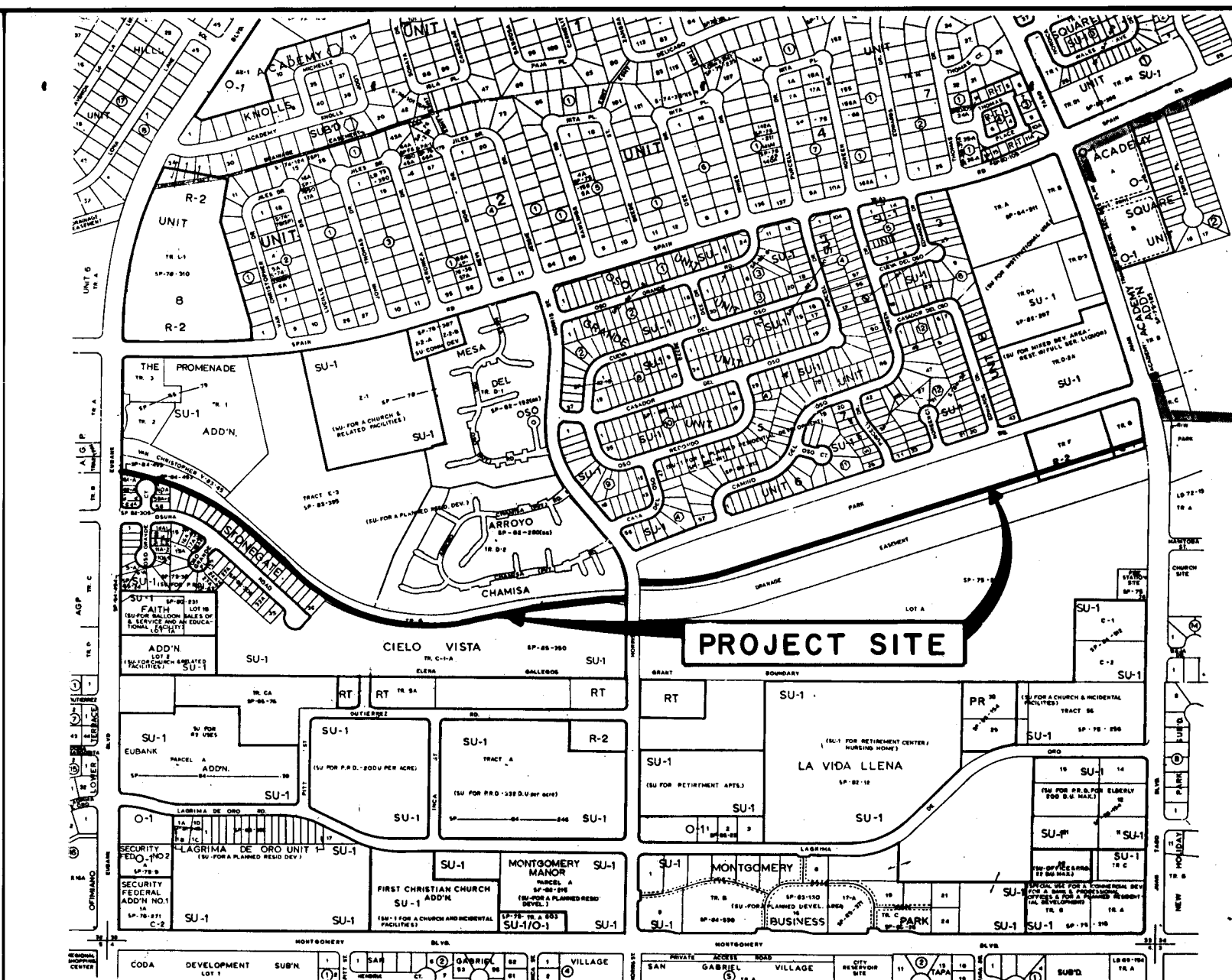
Bidder Shall Be Responsible for Asphalt Work, Subbase Preparation

Class II

City Will Perform Earthwork Rough Grading, Subgrade Preparation, Drainage Structures, Handrails, Gates, Bollards and Mower Curb.

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4. BIKE TRAIL P & P, STA. 19+65.22 TO STA. 27+68.32
5. BIKE TRAIL P & P, STA. 27+88.32 TO STA. 39+19.91
6. BIKE TRAIL P & P, STA. 39+19.91 TO STA. 49+03.84
7. BIKE TRAIL P & P, STA. 49+03.84 TO STA. 54+76.85
8. THRU 12. DRAINAGE CROSSING DETAILS
13. BIKE TRAIL SECTIONS

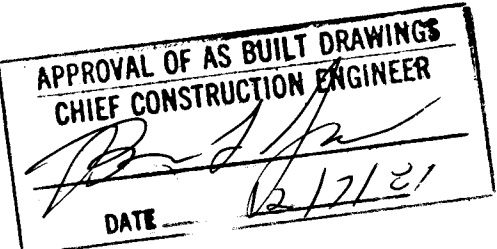
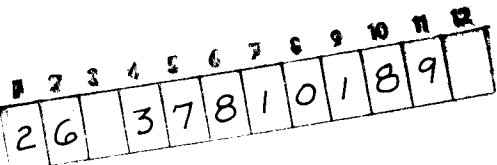


VICINITY MAP

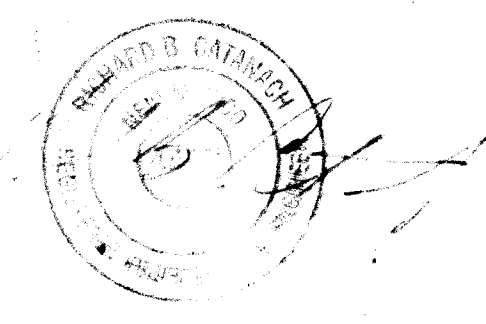
F-21

GENERAL NOTES

1. All work detailed on these plans to be performed under contract shall, except otherwise stated or provided for hereon, be constructed in accordance with the "City of Albuquerque Standard Specifications for Public Works Construction, 1986.
2. Two working days prior to any excavation, Contractor must contact Line Locating Service, 765-1234, for the location of existing utilities.
3. Prior to construction, the Contractor shall excavate and verify the horizontal and vertical locations of all existing utilities and potential obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.
4. All work on this project shall be performed in accordance with applicable Federal, State and local laws, rules and regulations concerning construction safety and health.
5. Unless otherwise provided by OWNER as part of the construction plans, a complete signing and barricading detour plan shall be prepared by the CONTRACTOR when any portion of the work is in the public rights-of-way. The plan shall be submitted to the TRAFFIC ENGINEERING DIVISION for approval three working days in advance of construction to receive a barricading permit.
6. Where removal of existing curb and gutter, sidewalk or pavement is required, the Contractor shall sawcut and/or remove to the nearest joint. Curb and gutter shown as existing and not to be removed under this contract which is damaged or displaced by the Contractor shall be removed and replaced by the Contractor at the Contractor's expense.
7. Backfill compaction shall be according to specified street use.
8. If curb is depressed for a driveway or a handicap ramp, the driveway or ramp shall be constructed prior to acceptance of the curb and gutter.
9. All storm drainage facilities shall be completed prior to final acceptance.
10. Contractor is responsible for damage to any infrastructure at El Oso Grande Park, Project No. 3751.
11. Two days prior to construction, contractor must contact AMAFCA (884-2215)

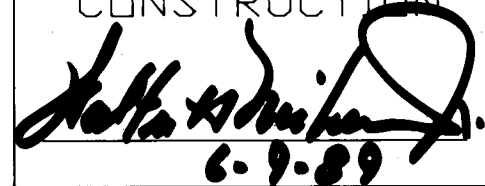


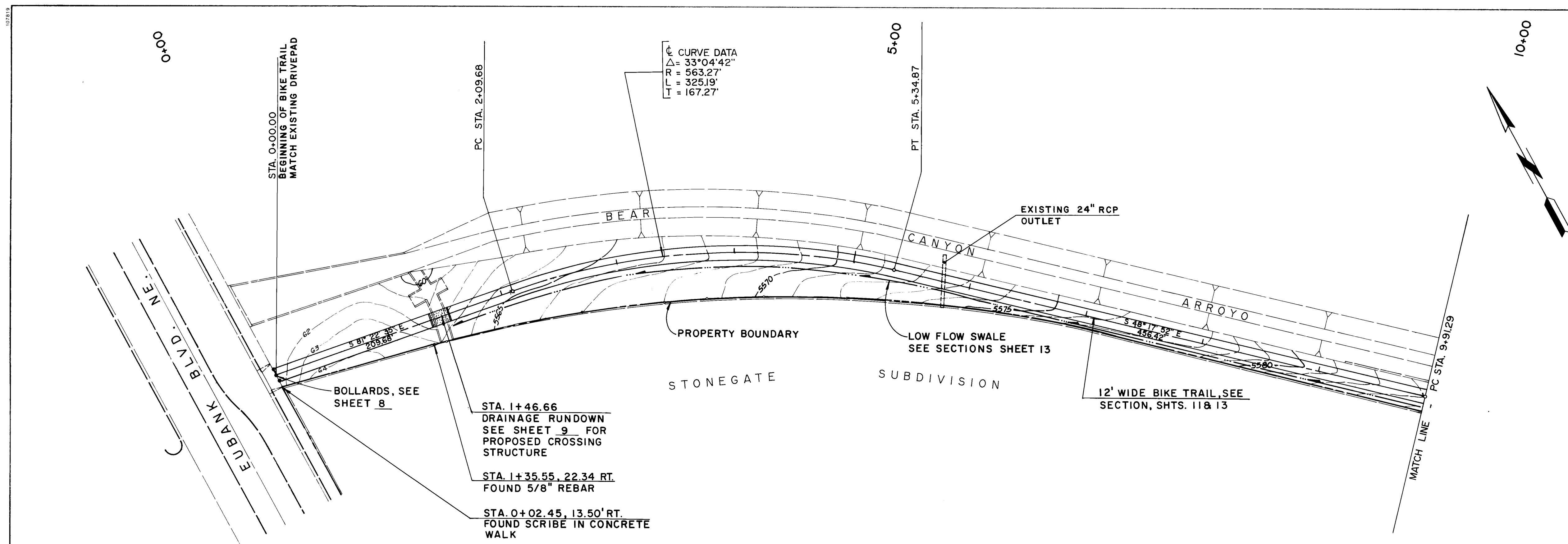
REV.	SHEETS	CITY ENGR.	DATE	USER DEPT.	DATE	USER DEPT.	DATE
APPROVAL OF REVISIONS							



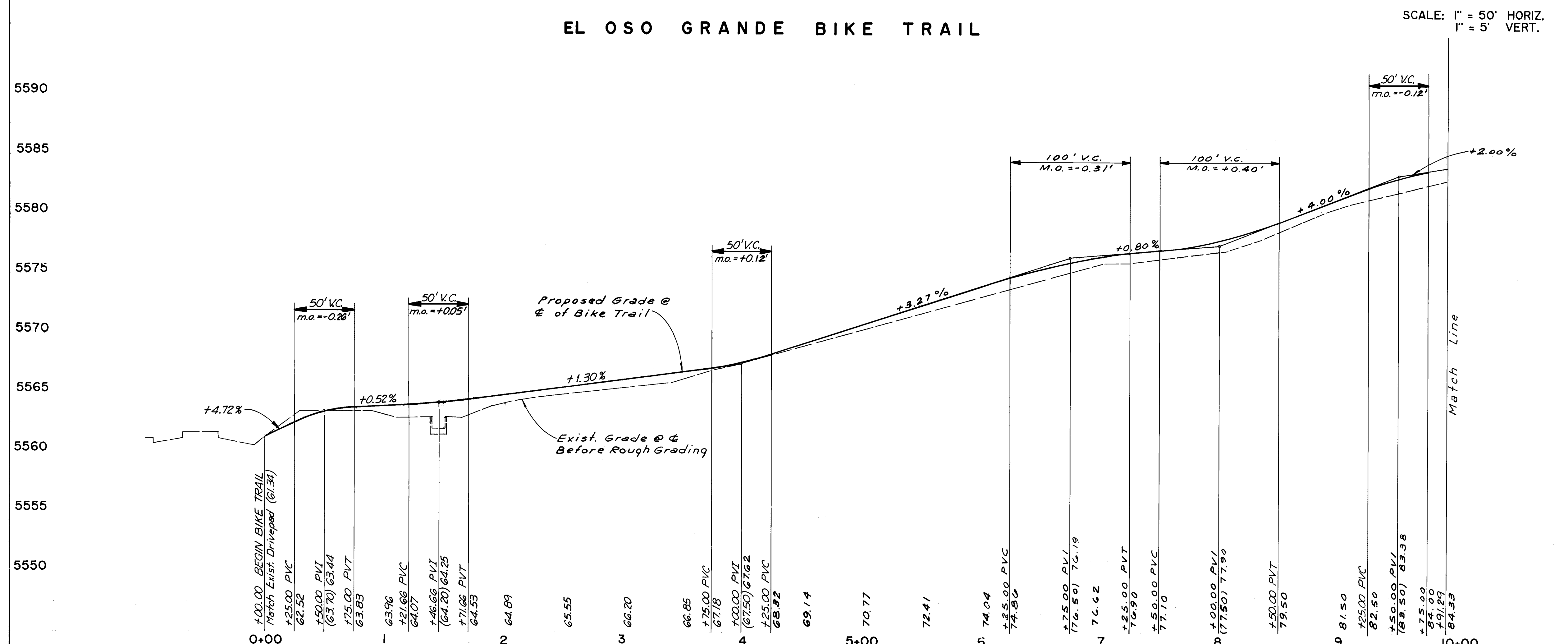
TEC
TIERRA
ENGINEERING
CONSULTANTS
INC.
SANTA FE & ALBUQUERQUE N.M.

PROJECT NO 3781

APPROVED FOR
CONSTRUCTION

6.9.89
SHEET 1 OF 13



EL OSO GRANDE BIKE TRAIL



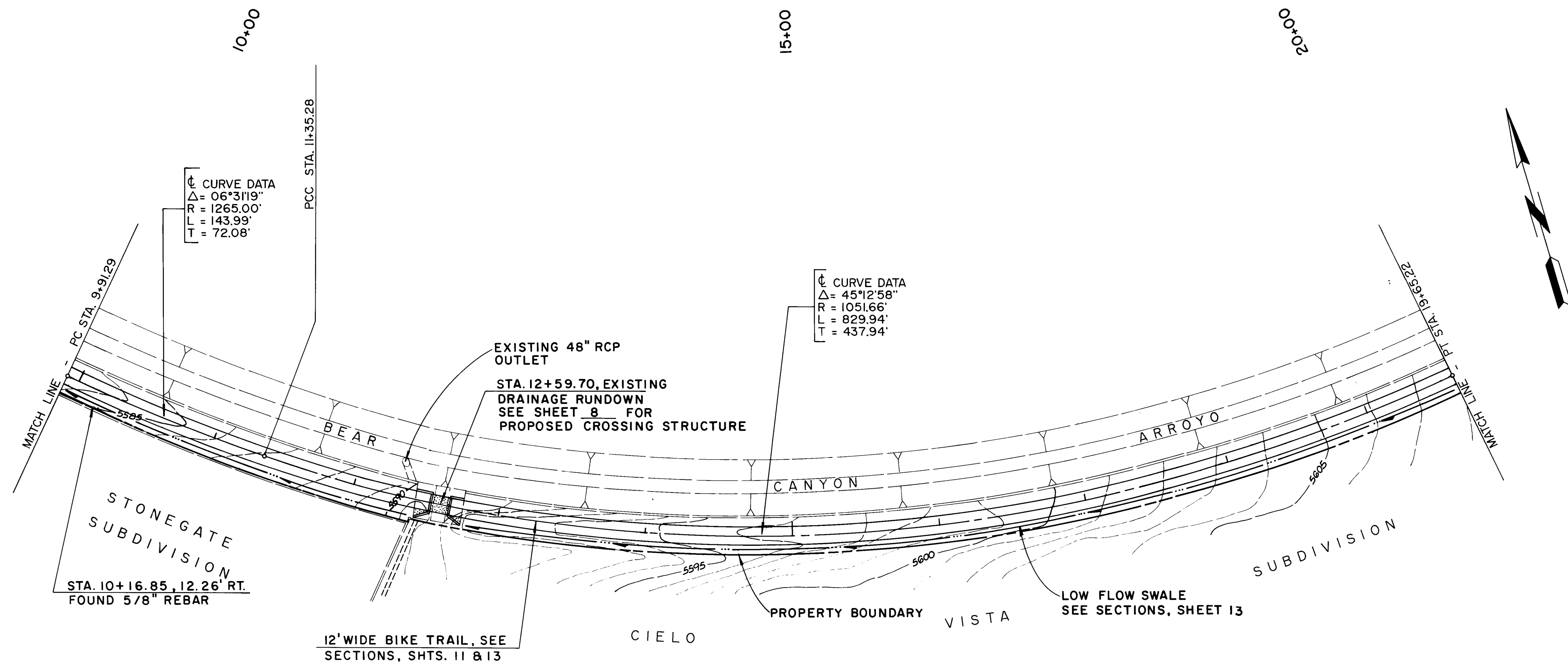
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACB STA. 11-721	ELEVATION 5669.856	NO.	BY	NO.	DATE
INSPECTOR	DATE						
ACCEPTANCE BY	DATE						
REVISIONS	DATE						
A 60-PENNY NAIL IN POWER POLE #NE-74. LOCATED IN AN ELECTRIC POWERLINE ALONG THE SOUTH BOUNDARY OF THE ELENA CALLEGOS GRANT, 0.40 MILE WEST OF JUAN TABO BLVD., N.E. (0.20 MILES WEST OF BM 10-P21).				DESIGNED BY G.A. DATE JAN. 1989 DRAWN BY J.V. DATE JAN. 1989 CHECKED BY G.A. DATE JAN. 1989			

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
EL OSO GRANDE BIKE TRAIL STA 0+00.00 TO STA. 9+91.29			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC Chair	Reg. J. Green	6/9/89	
Trans. Dev			
Utility Dev	N/A		
Part	Smiley	6/9/89	

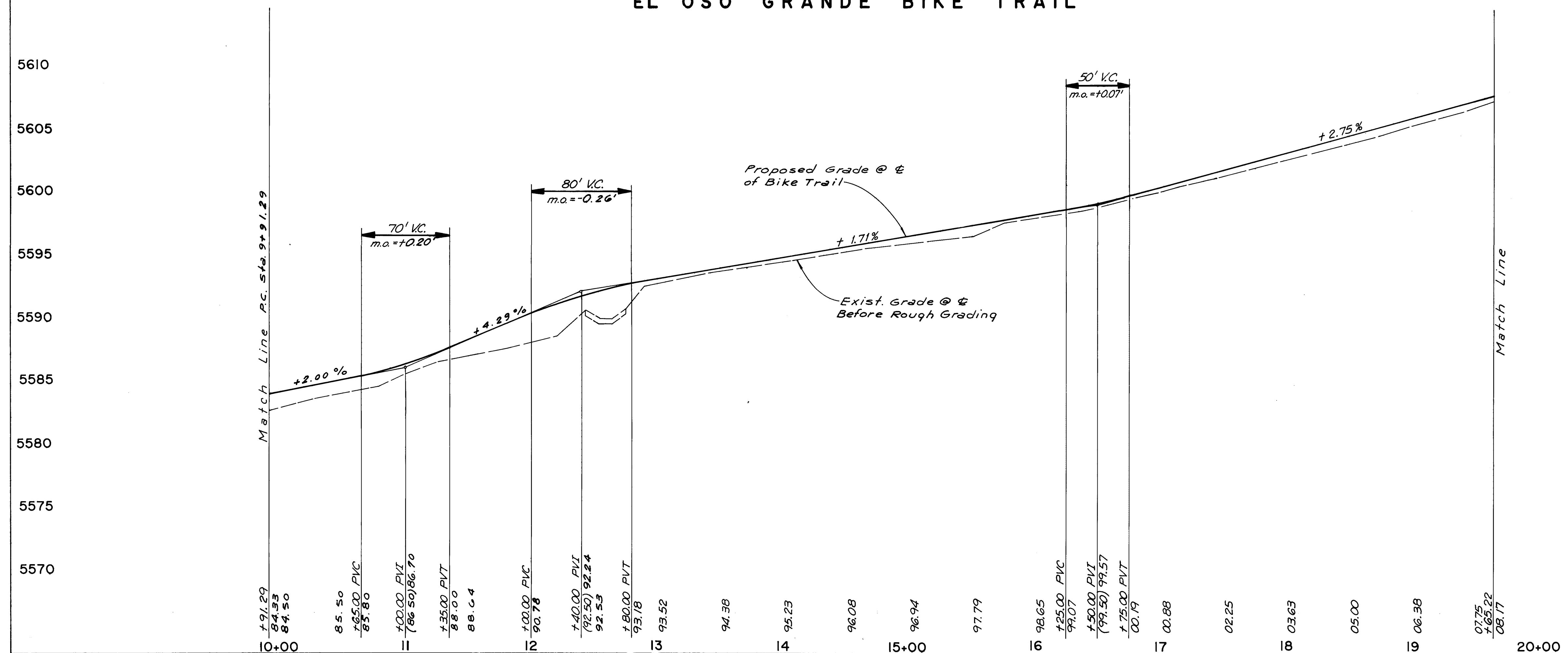
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3781	F-21	2	13

30744



EL OSO GRANDE BIKE TRAIL

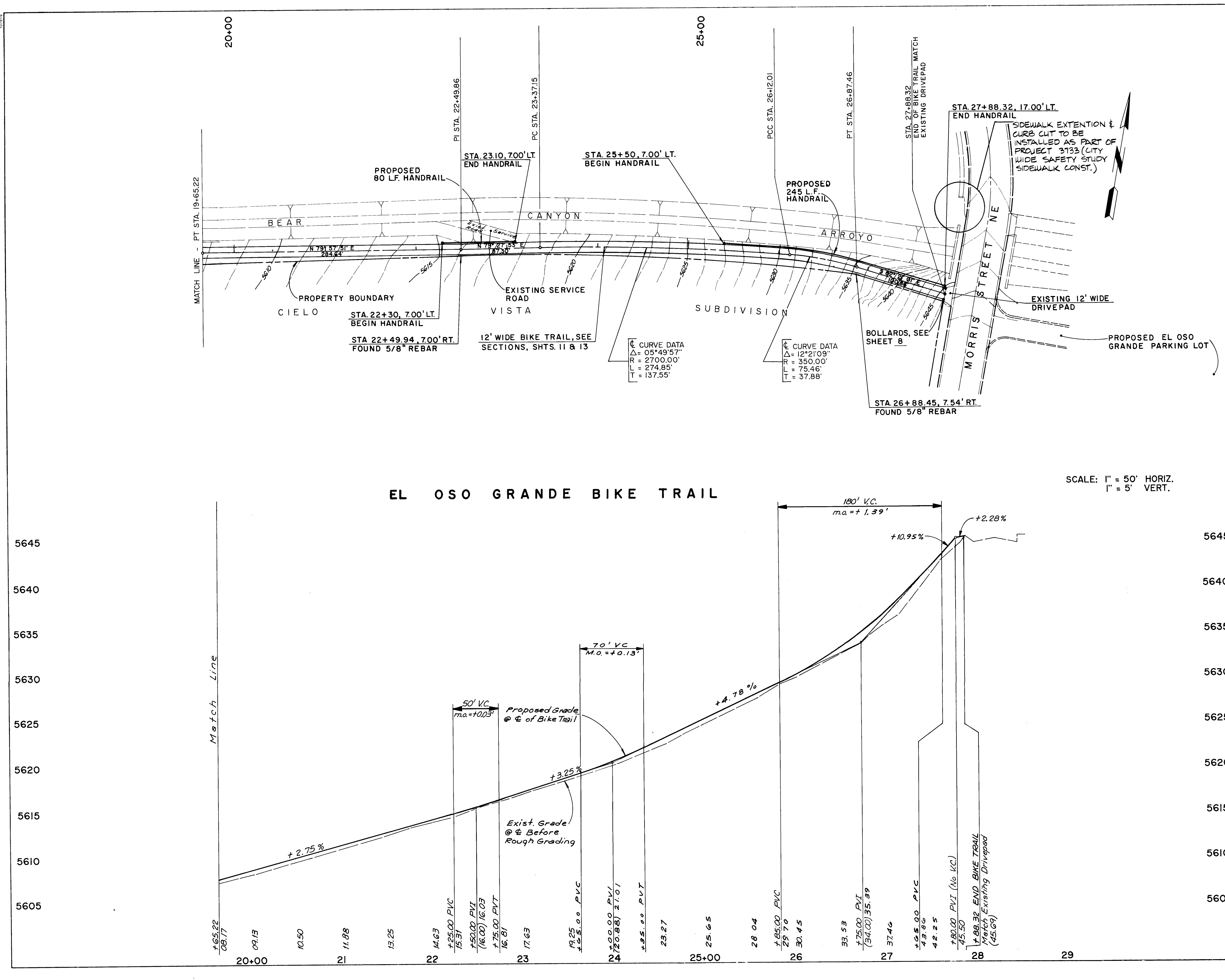
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.



1	2	3	4	5	6	7	8	9	10	11	12
2	6	3	7	8	1	0	3	8	1		

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
EL OSO GRANDE BIKE TRAIL STA. 9+91.29 TO STA. 19+65.22					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Robert J. Smith	6/1/89			
Trans. Dev					
Utility Dev	N/A				
DRAWN BY	Shelly	4/8/89			
CHECKED BY					
DRAWING NO.	3781	MAP NO.	F-21	SHEET	3 OF 13

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	AGS STA. 11-F21	ELEVATION 5669.856	CONTRACTOR: PRIDE
					INSPECTED BY: C.O.A.
					ACCEPTANCE BY: R. RULE
					DATE: 1/18/87
					VERIFICATION BY: DATE:
					DRAWING NO. BY: DATE:
					MICRO-FILM INFORMATION
					RECORDED BY: DATE:
					NO. 10-
					BLVD., N.E. (0.20 MILES WEST OF BM 10-F21).



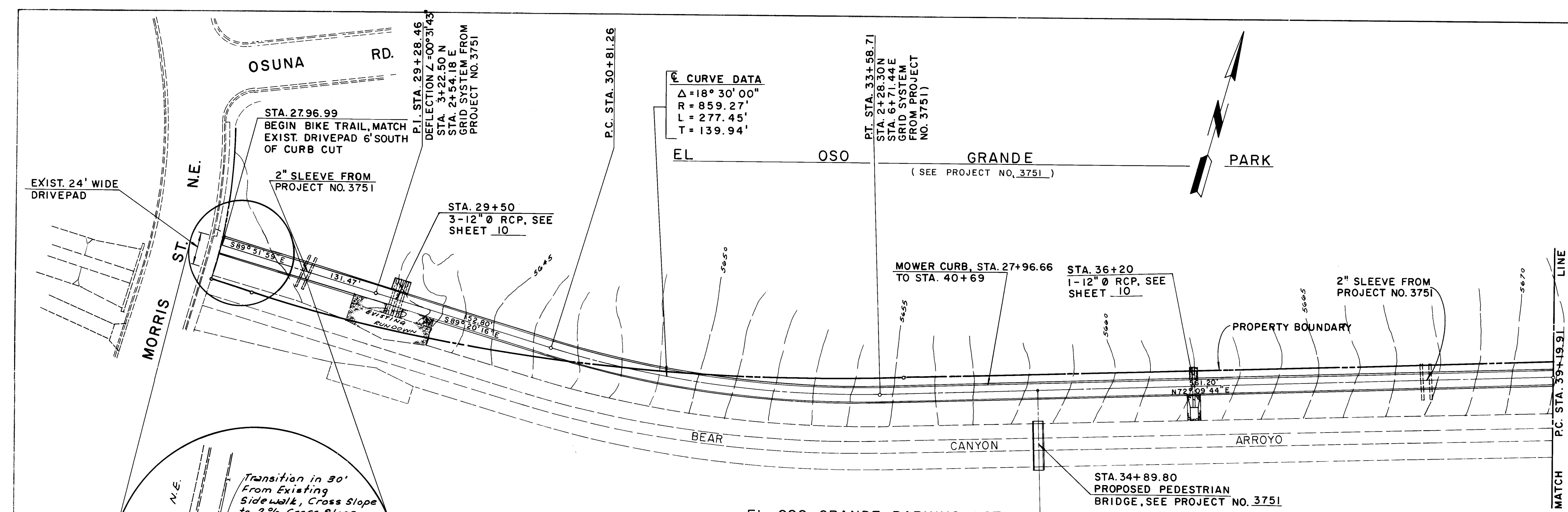
AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACT NO.	DATE	PROJECT	ACS STA.	11-F21	ELEVATION	NO.	BY	DATE	NO.	DATE	REMARKS
11/87	11/87	11/87	5669.856								
A 60-PENNY NAIL IN POWER POLE #NE-74, LOCATED IN AN ELECTRIC POWERLINE ALONG THE SOUTH BOUNDARY OF THE ELENA GALLEGOS GRANT, 0.40 MILE WEST OF JUAN TABO BLVD., N.E. (0.20 MILES WEST OF BM 10-F21).											
MICRO-FILM INFORMATION											
RECORDED BY											
NO.											
DATE											
DESIGNED BY											
DRAWN BY											
CHECKED BY											

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

EL OSO GRANDE BIKE TRAIL
STA. 19+65.22 TO STA. 27+88.32

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DR. C. Chap	Robert G. G.	6/1/89			
Trans. Dev.					
Utility Dev.	N/A				

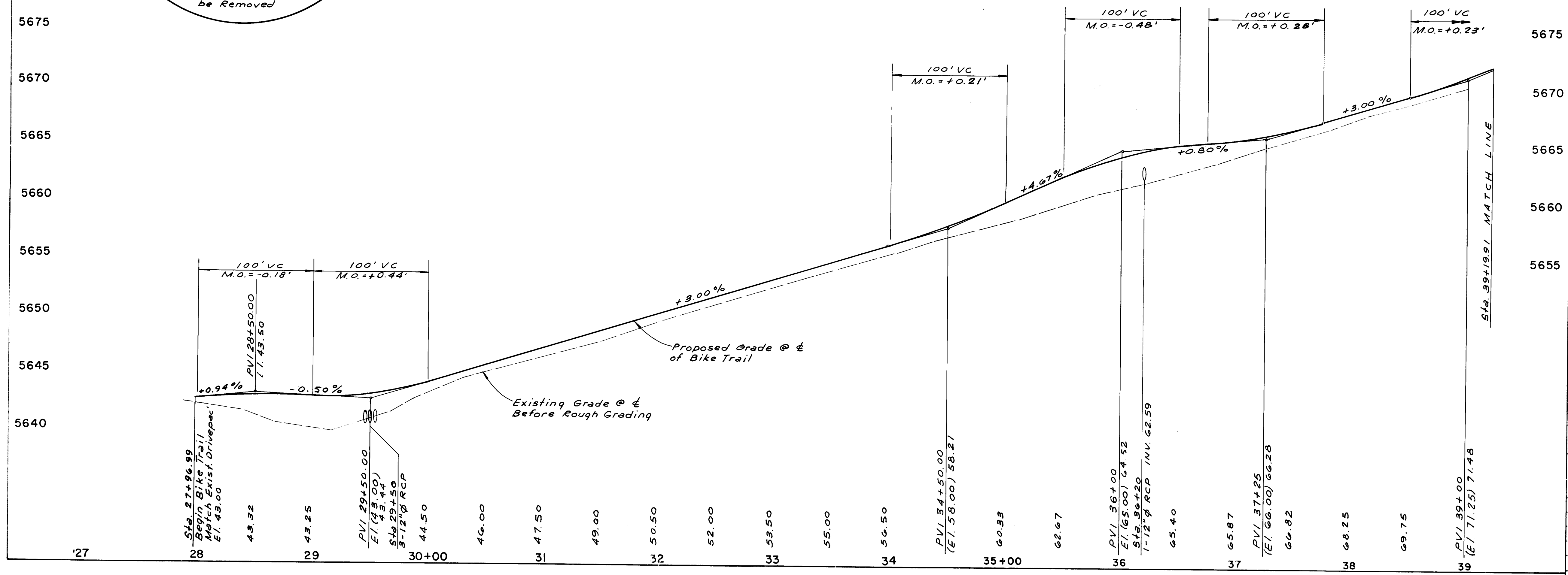
DRAWING NO. 3781 MAP NO. F-21 SHEET 4 OF 13



ALBUQUERQUE BOARD OF EDUCATION

EL OSO GRANDE BIKE TRAIL

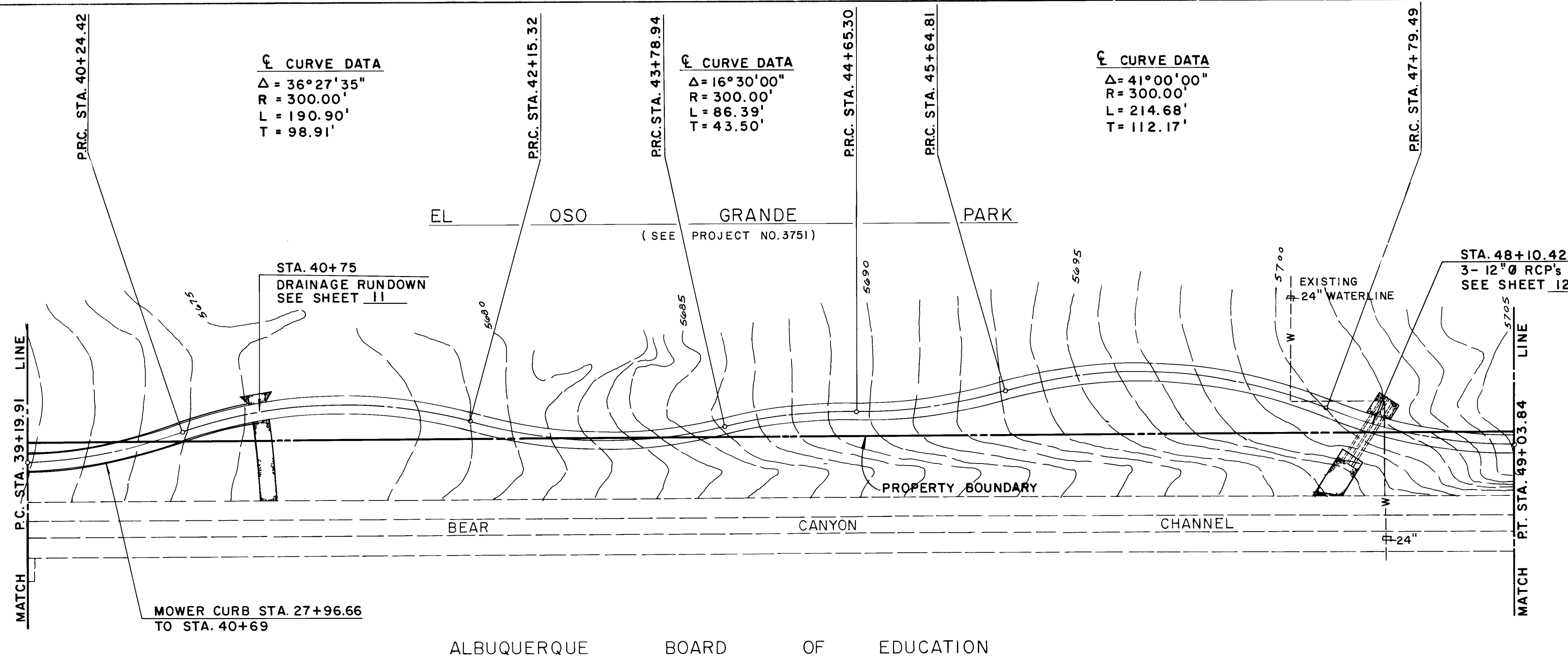
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.



1 2 3 4 5 6 7 8 9 10 11 12
26 37 81 05 89

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE EL OSO GRANDE BIKE TRAIL STA. 27+88.32 TO STA. 39+19.91	
APPROVED DR. C. L. HARRIS Trans. Div. Utility Div.	DESIGNED BY Roger A. Green, 6/1/89 N/A
DATE 6/8/89	REMARKS PEVISIONS DATE FEB, 1989 DATE FEB, 1989 DATE FEB, 1989
DRAWING NO. 3781	MAP NO. F-21
SHEET 5 OF 13	

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
FILE NO.	DATE	ACS STA. 11+221	ELEVATION 5669.856	PRIDE	DATE 6/1/89
NO.	BY	A 60-PENNY NAIL IN POWER POLE #NE-74, LOCATED IN AN ELECTRIC POWERLINE ALONG THE SOUTH BOUNDARY OF THE ELENA GALLEGOS GRANT, 0.40 MILE WEST OF JUAN TABO BLVD., N.E. (0.20 MILES WEST OF RM 10-F21).			



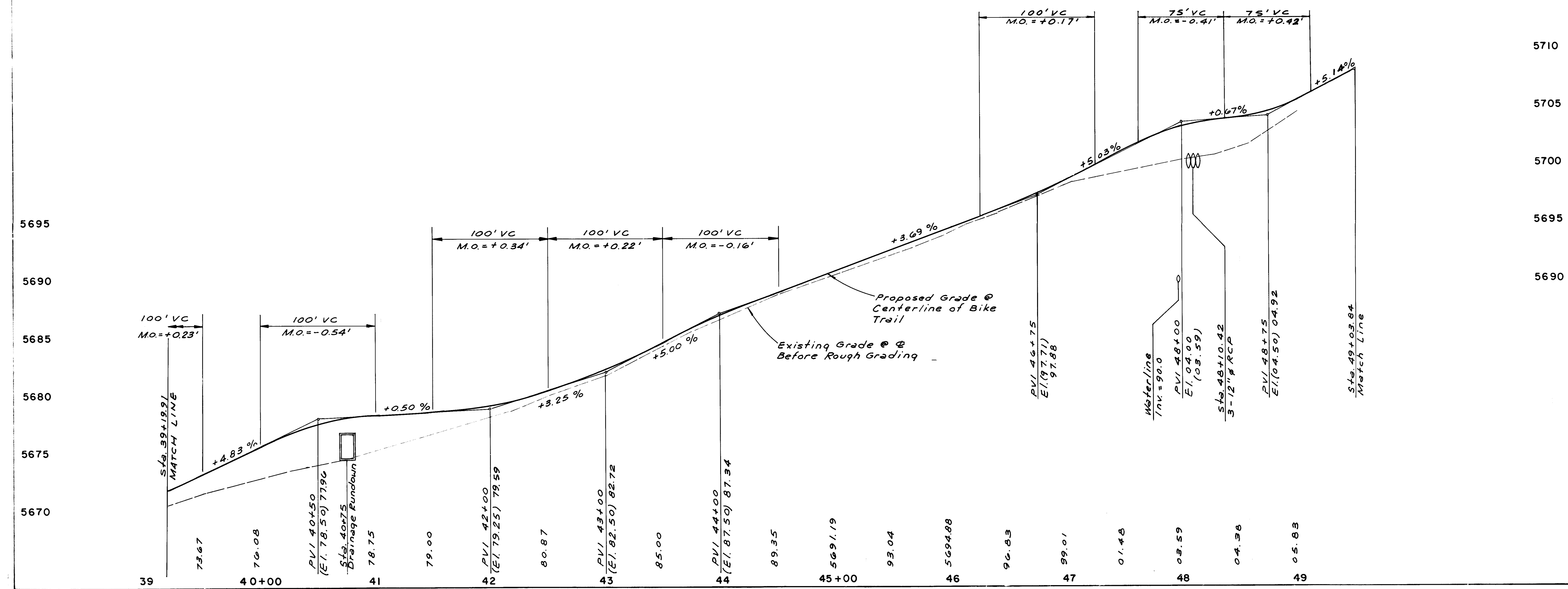
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 $\Delta = 19^\circ 57' 35''$
 $R = 300.00'$
 $L = 104.51'$
 $T = 52.79'$

CURVE DATA
 $\Delta = 31^\circ 15' 08''$
 $R = 300.00'$
 $L = 163.62'$
 $T = 83.90'$

CURVE DATA
 $\Delta = 19^\circ 00' 00''$
 $R = 300.00'$
 $L = 99.48'$
 $T = 50.20'$

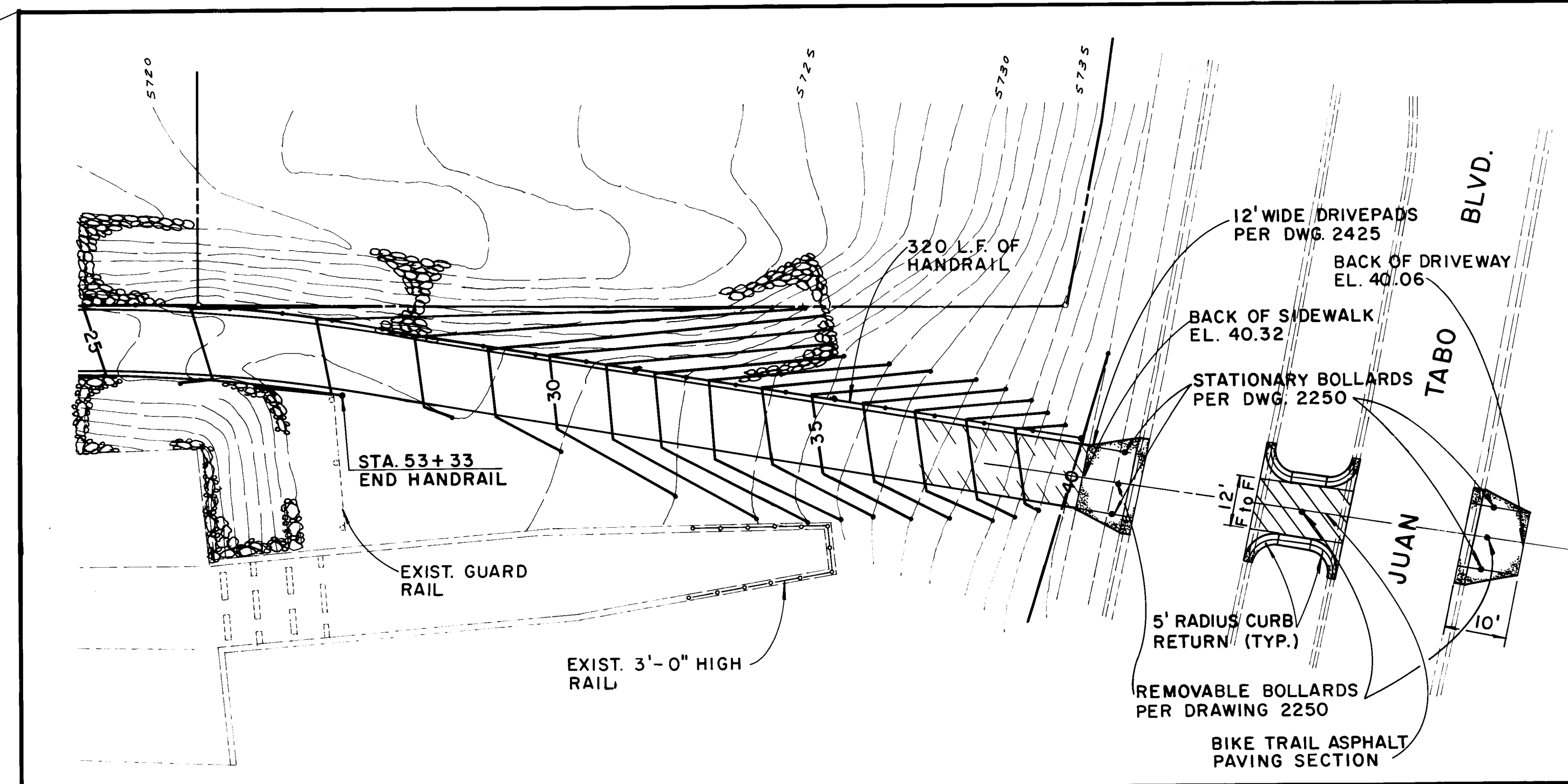
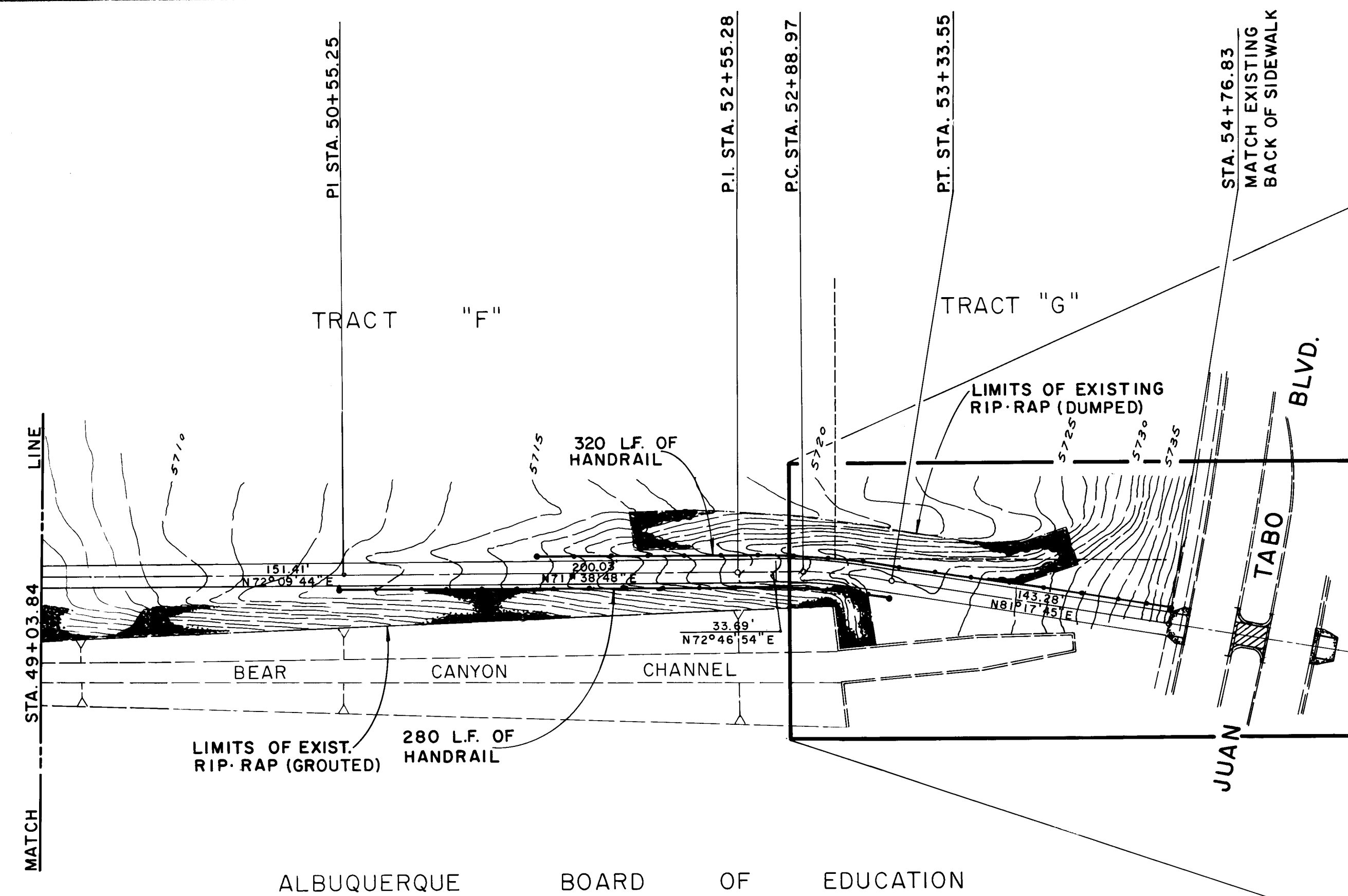
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 $T = 63.08'$

SCALE: 1" = 50' HORIZ.
 1" = 5' VERT.



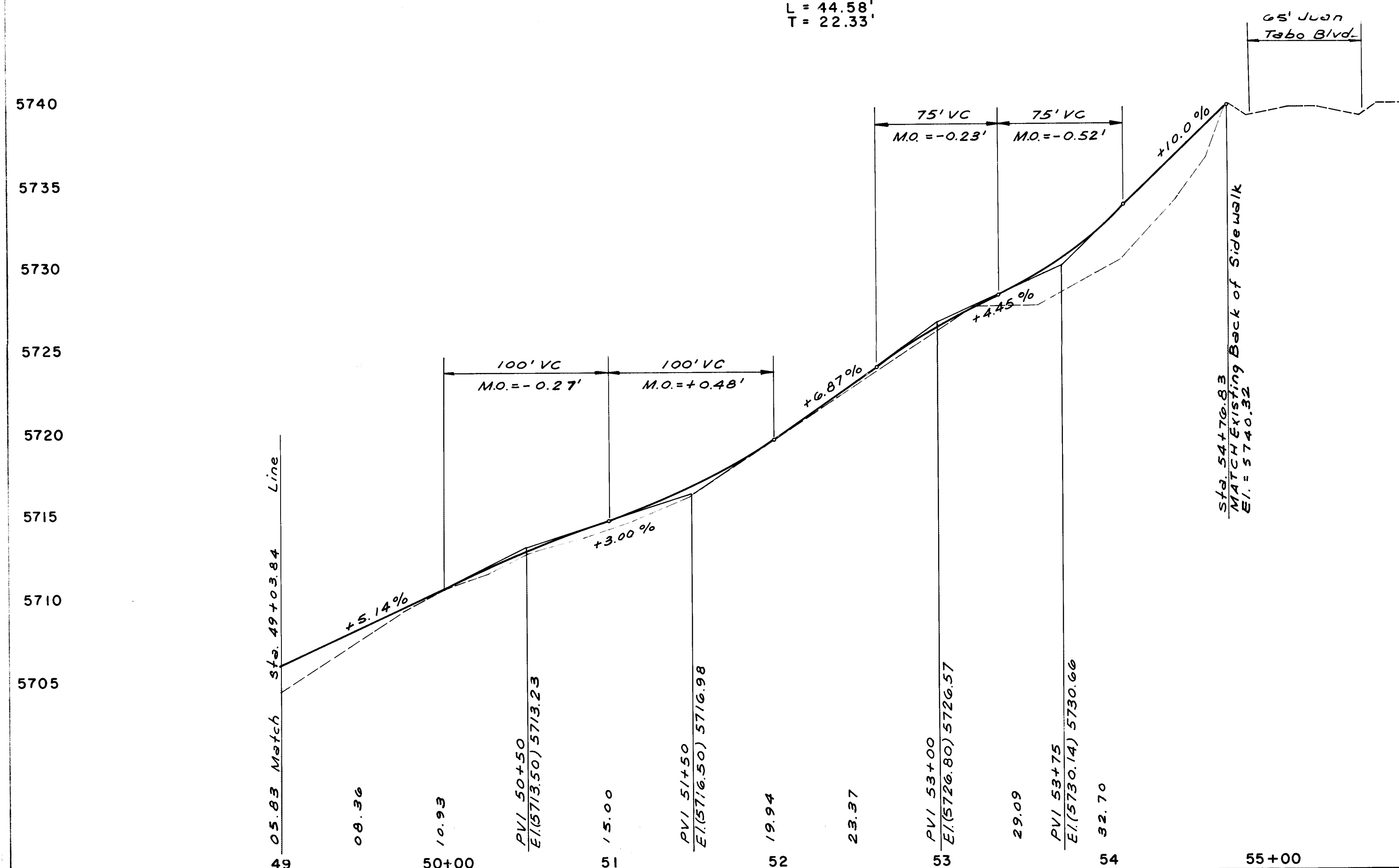
1 2 3 4 5 6 7 8 9 10 11 12
 26 37 81 06 89

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE EL OSO GRANDE BIKE TRAIL STA. 39+19.91 TO STA. 49+03.84	
APPROVED [Signature] 11/89	ENGINEER [Signature] 11/89
DESIGNED [Signature] 11/89	CHECKED [Signature] 11/89
DATE FEB. 1, 1989	DATE FEB. 1, 1989
BY G.A.	BY G.A.
REVISIONS DESIGN	REVISIONS DESIGN
DATE FEB. 1, 1989	DATE FEB. 1, 1989
BY G.A.	BY G.A.
DRAWING NO. 3781	SHEET 6 OF 13

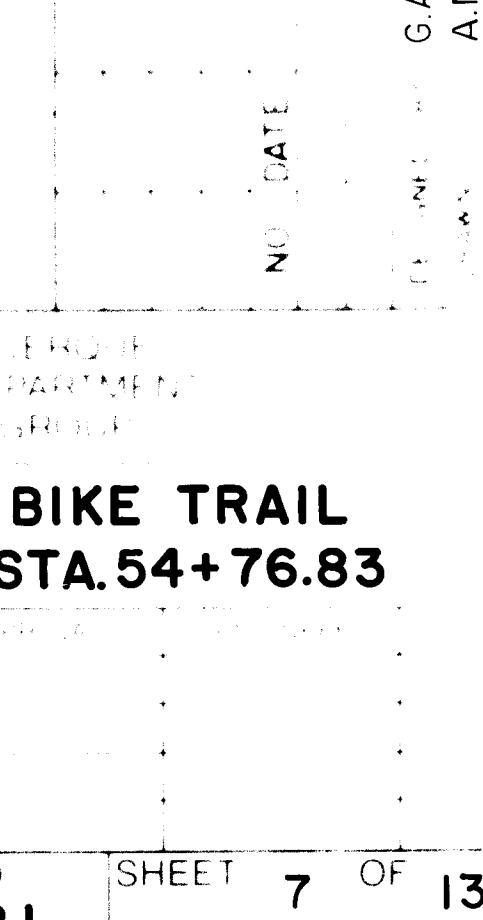
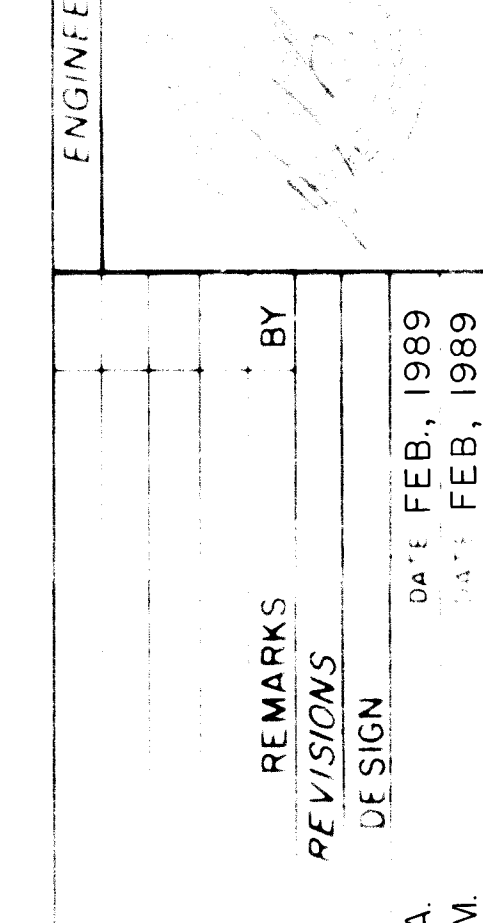
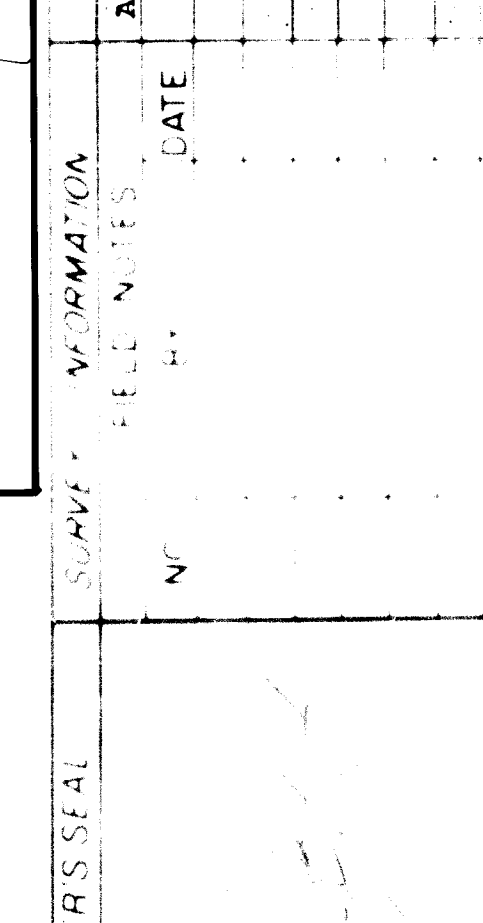
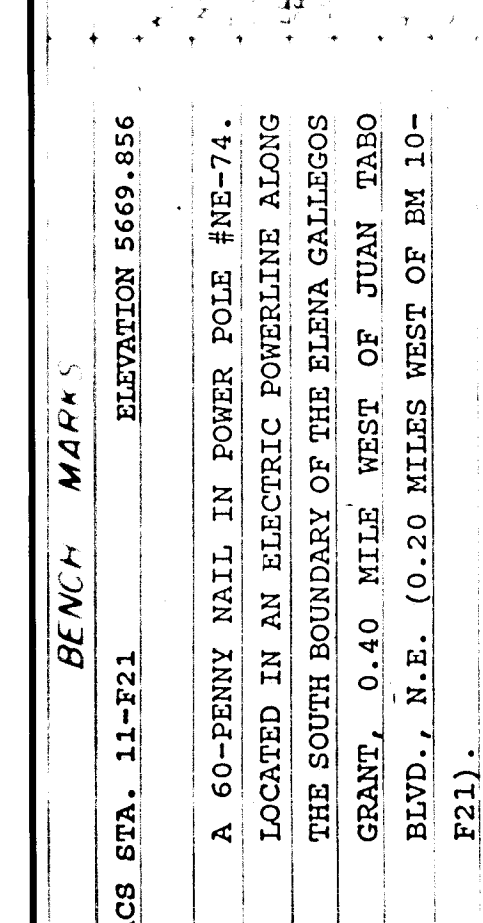
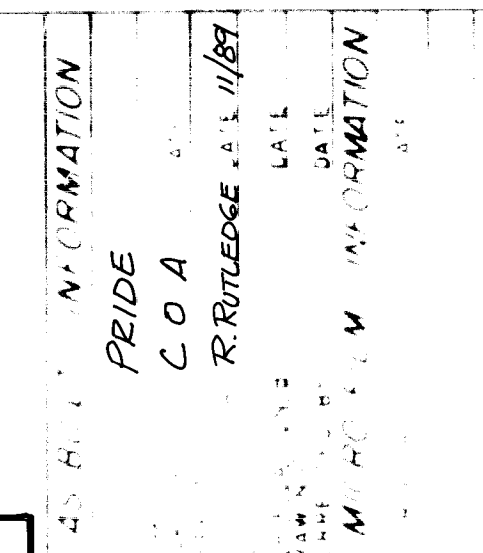
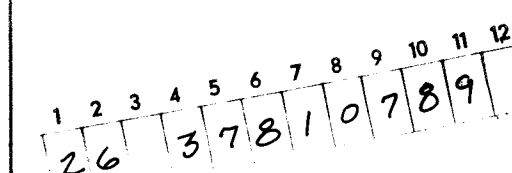


ALBUQUERQUE BOARD OF EDUCATION

CL CURVE DATA
 $\Delta = 08^{\circ} 30' 51''$
 $R = 299.98'$
 $L = 44.58'$
 $T = 22.33'$

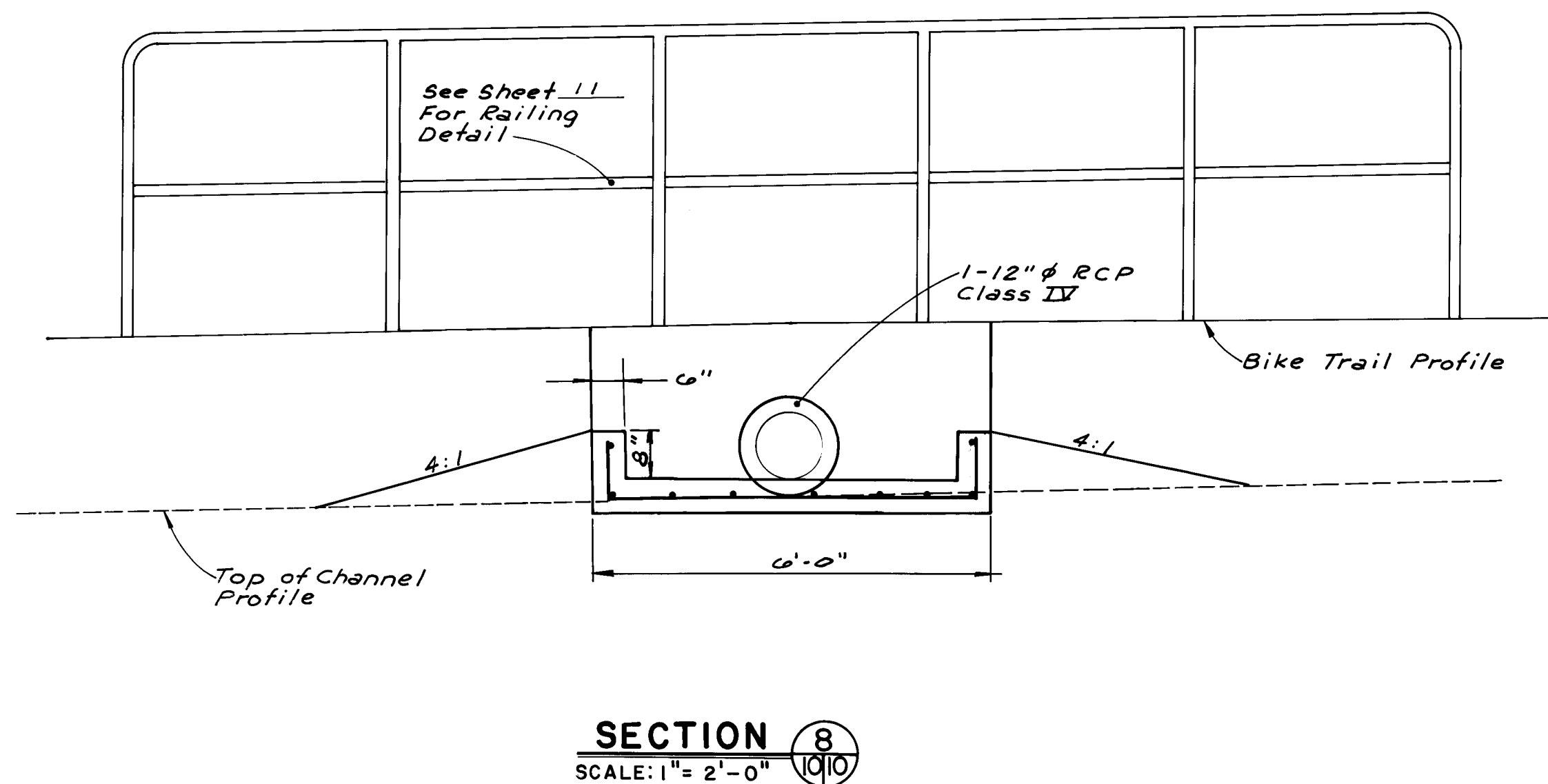
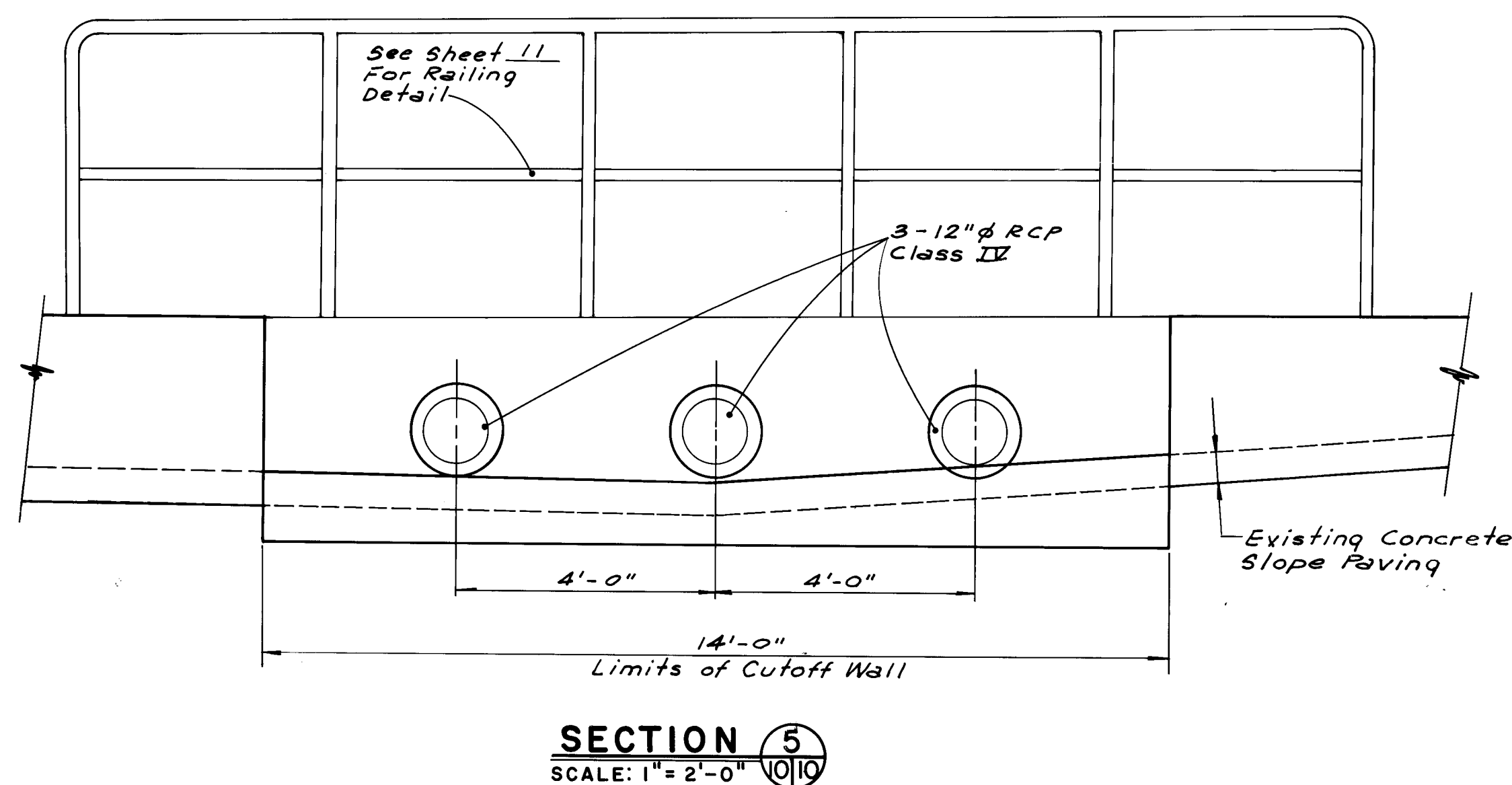
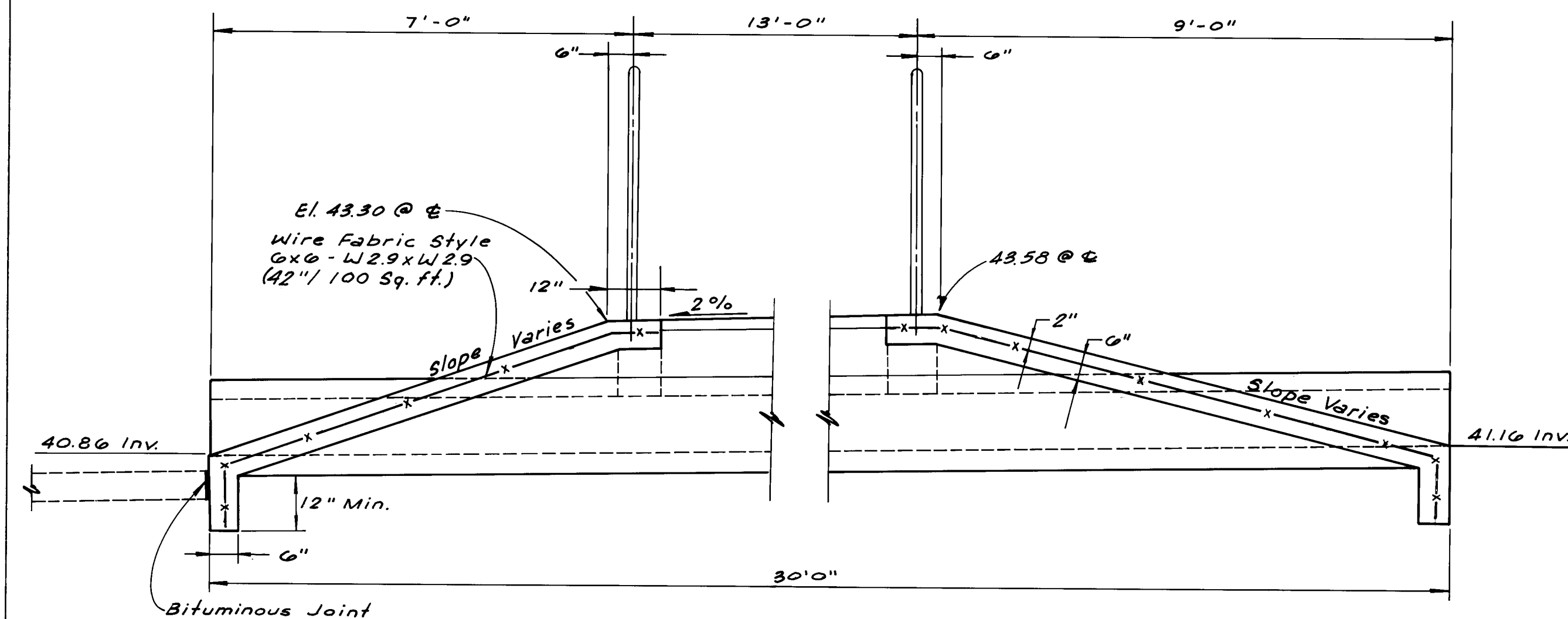
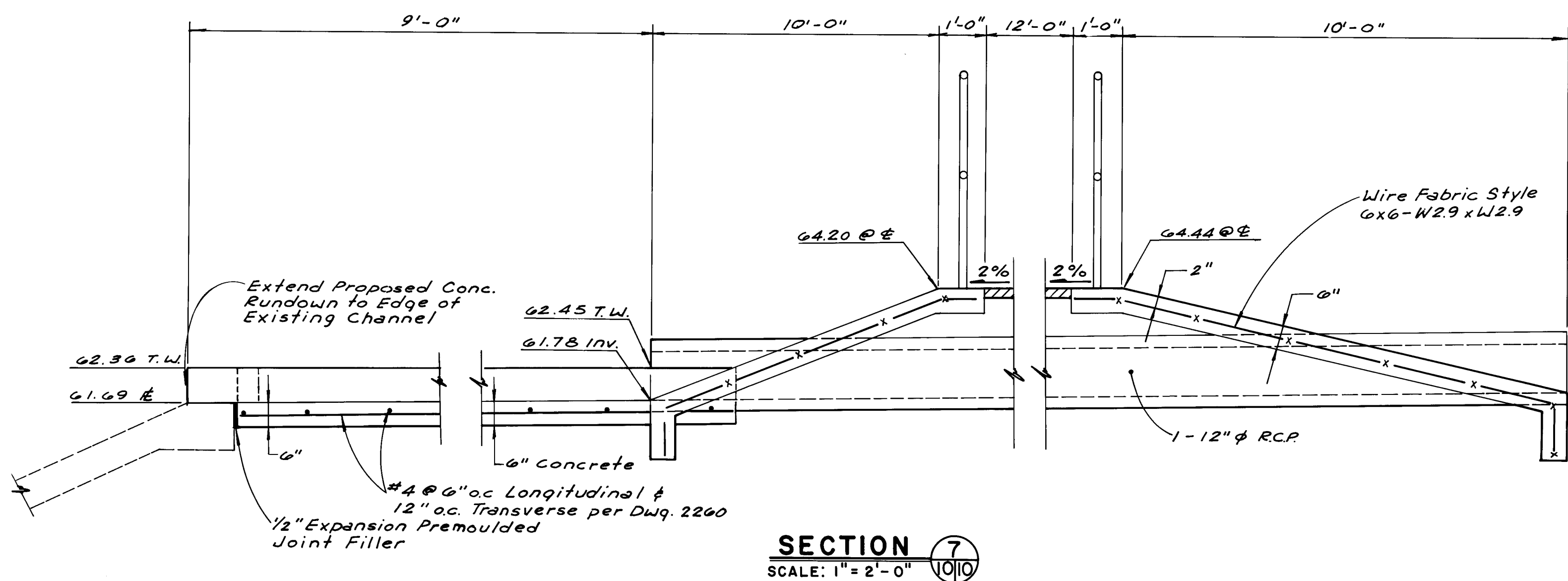
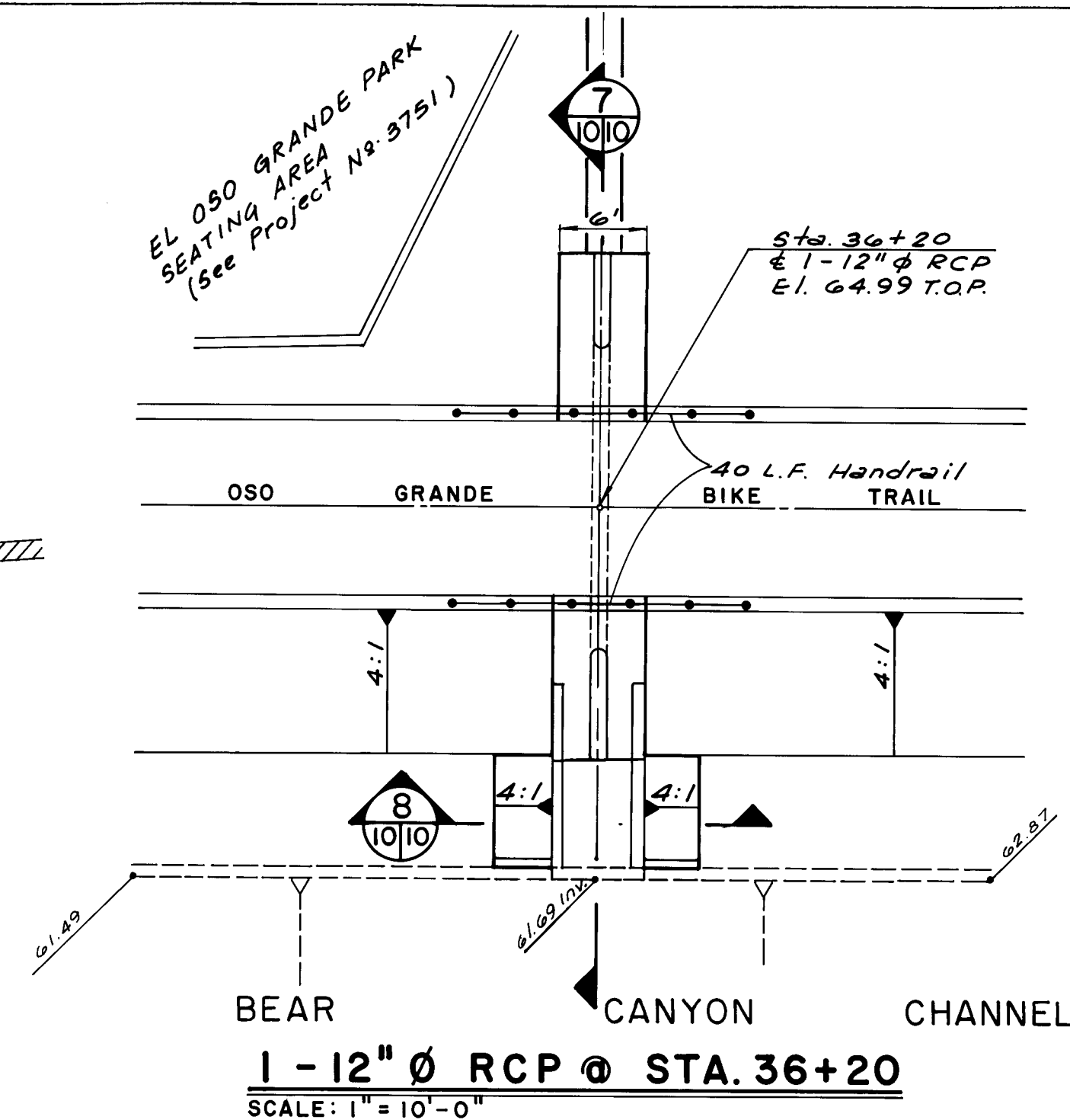
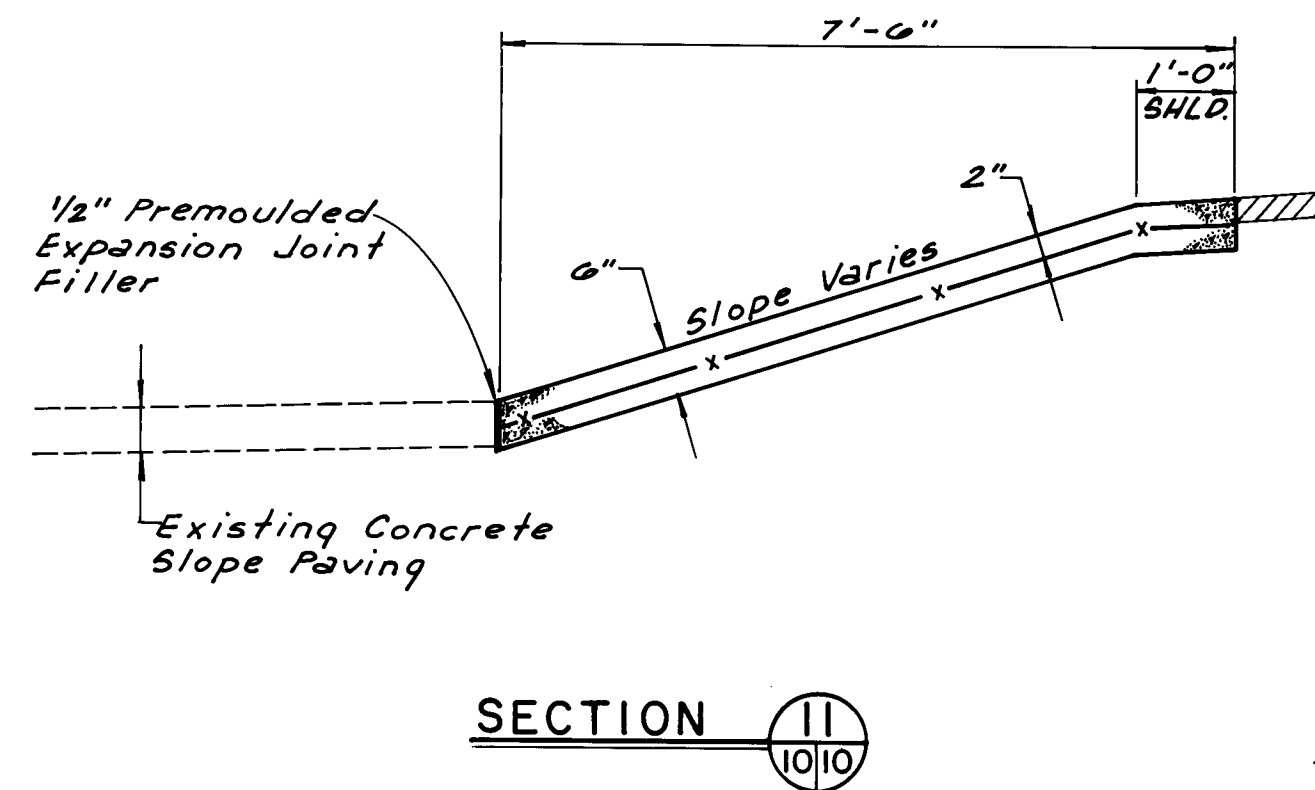
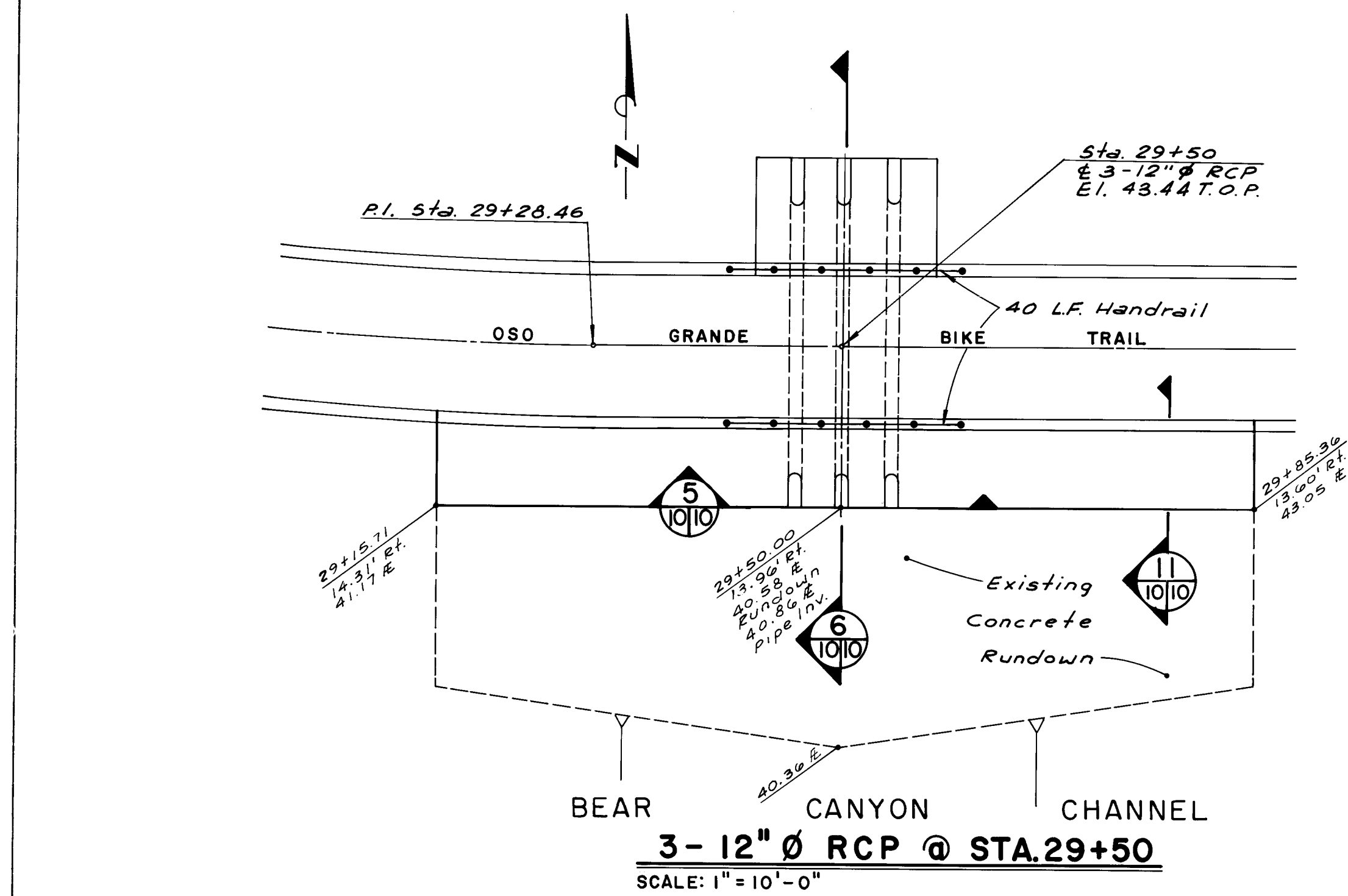


SCALE: 1" = 50' HORIZ.
1" = 5' VERT.



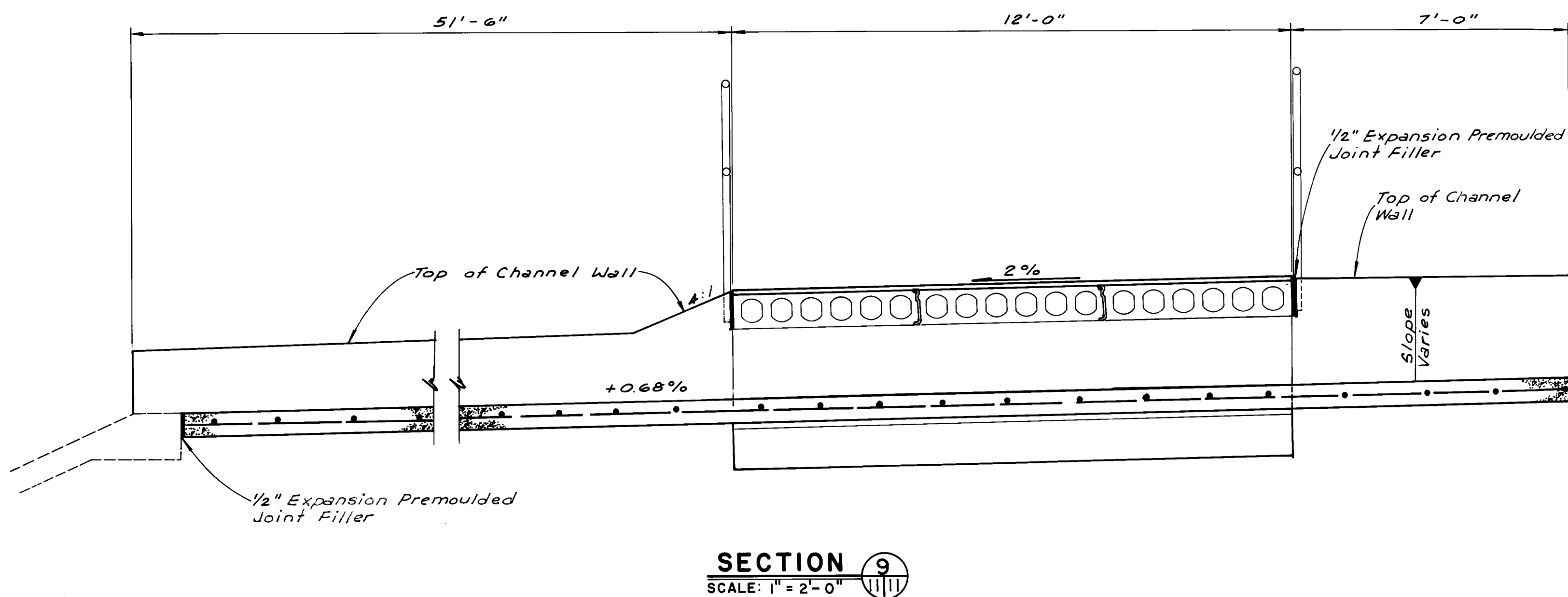
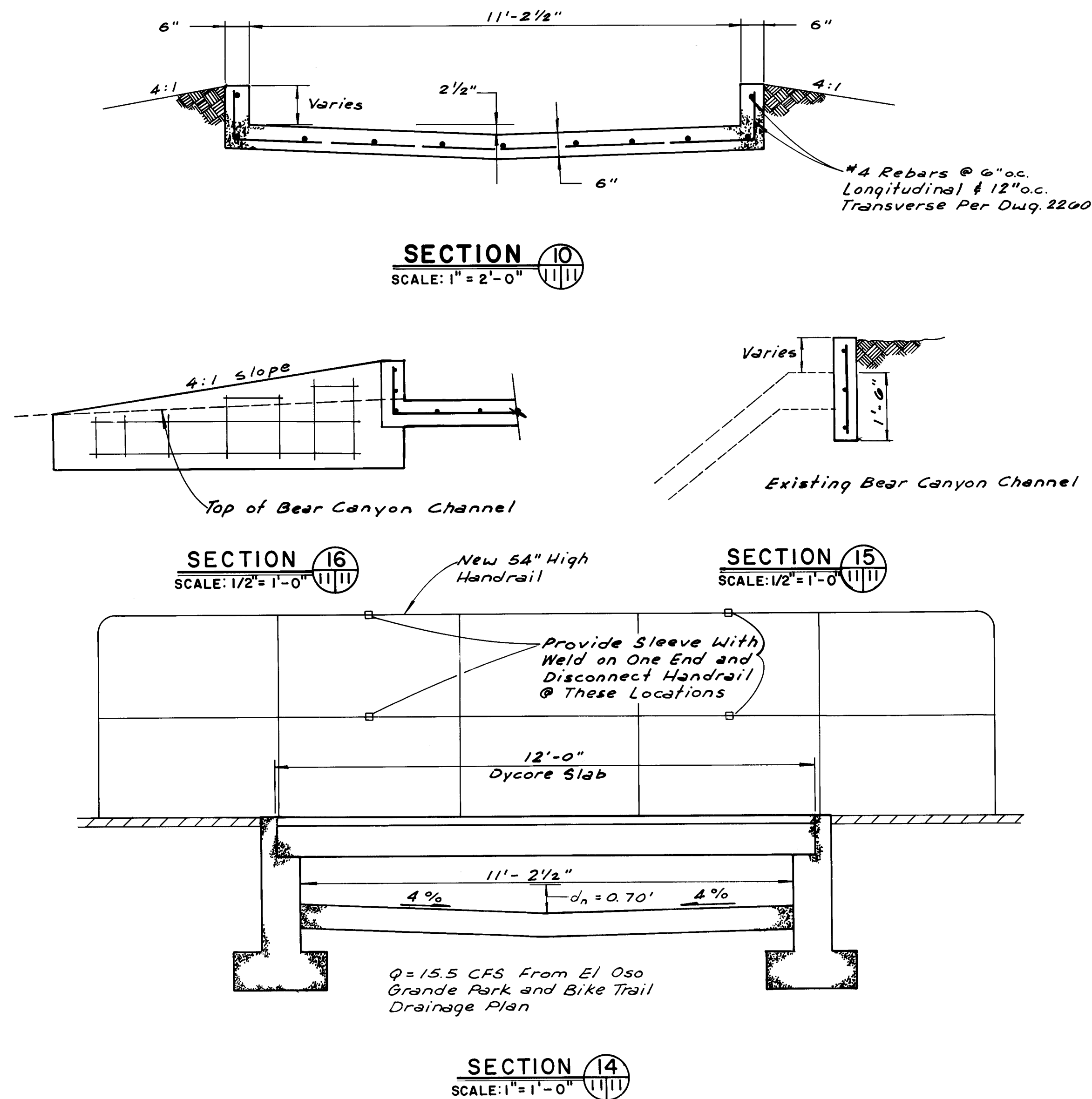
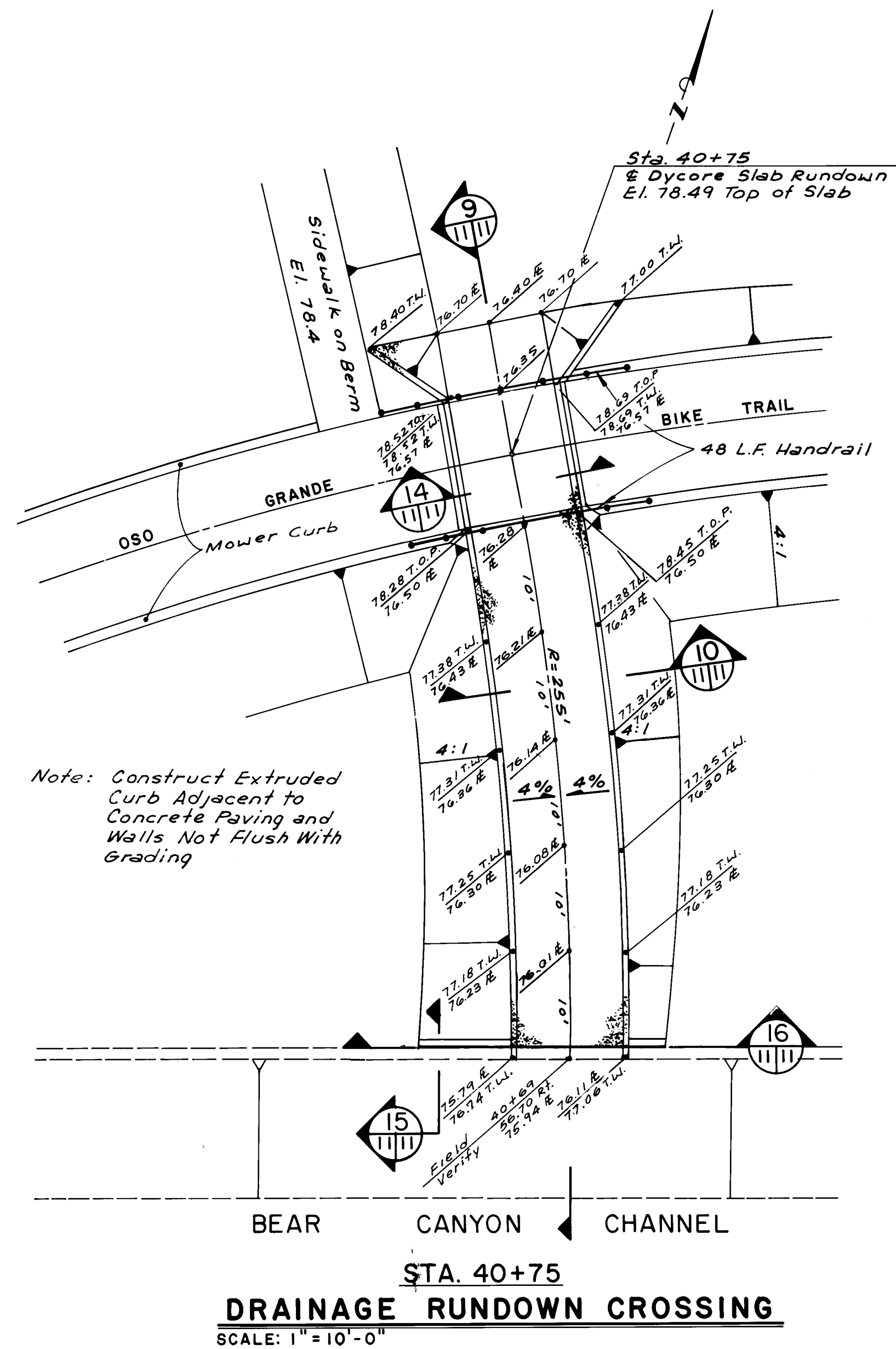
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING SECTION				
TITLE EL OSO GRANDE BIKE TRAIL STA.49+03.84 TO STA.54+76.83				
APPROVAL _____ District Engineer	REVIEW _____ District Engineer	CHECK _____ District Engineer	DESIGNED BY _____ District Engineer	DATE _____ District Engineer
DESIGNED _____ District Engineer	CHECKED _____ District Engineer	APPROVED _____ District Engineer	DATE _____ District Engineer	SCALE _____ District Engineer
PACKS <i>after only</i> 4785				
DRAWING NO 3781	MAP NO E-21	SHEET 7	OF 13	

DRAWING NO.	3781	MAP NO.	F-21	SHEET	7	OF	13
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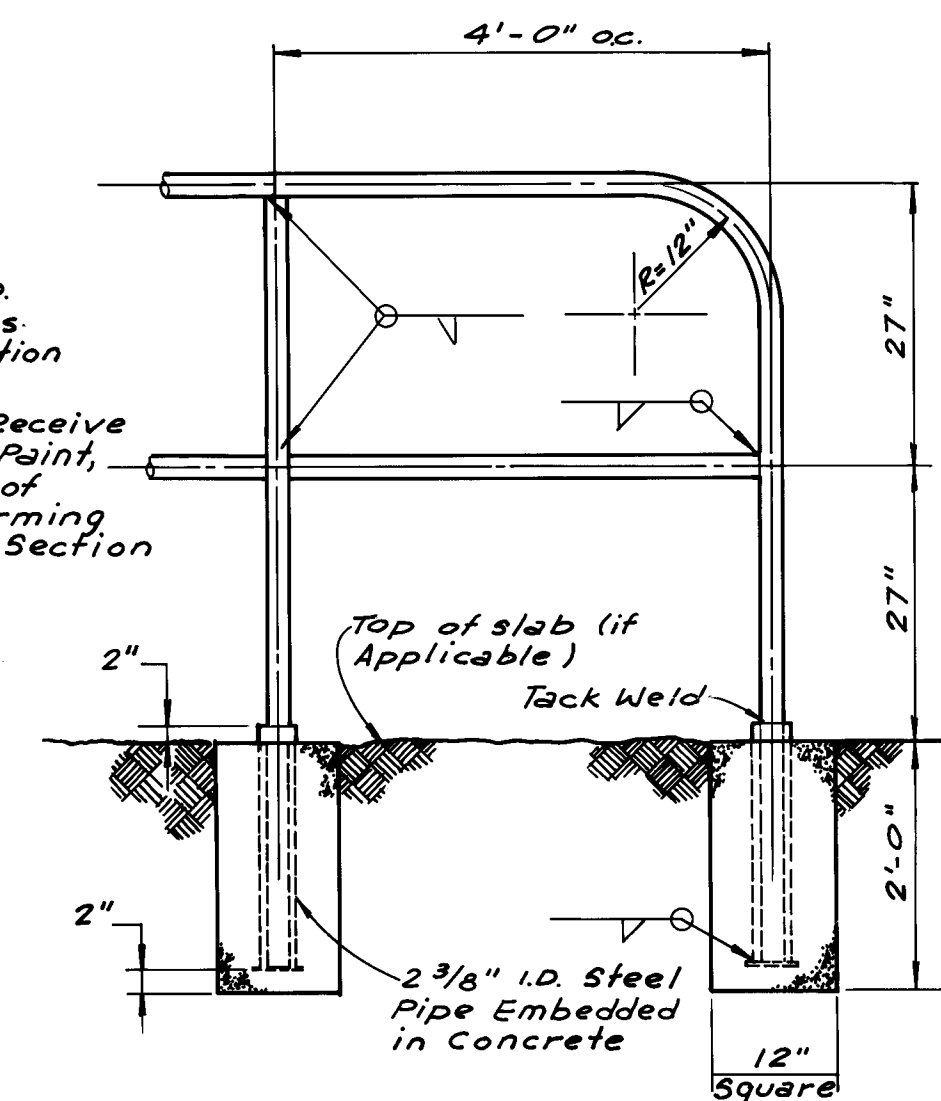


AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACT NO.	DATE	PRIDE	ACB STA.	ELEVATION	MARK	NO.	BY	DATE	NO.	BY	DATE
1010	11/89	1010	11-221	566.856	11-221	1	BY	DATE	1	BY	DATE
A 60-PENNY NAIL IN POWER POLE #NE-74.			LOCATED IN AN ELECTRIC POWERLINE ALONG			THE SOUTH BOUNDARY OF THE ELENA GALLEGOS			GRANT, 0.40 MILE WEST OF JUAN TABO		
BLVD., N.E. (0.20 MILES WEST OF RM 10-			F211.			DESIGNED BY G.A.			DATE FEB. 1989		
DRAWN BY A.M.			DATE FEB. 1989			CHECKED BY G.A.			DATE FEB. 1989		
RECORDED BY			NO.			REVISIONS			DESIGN		
NO.			DATE			NO.			DATE		

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: EL OSO GRANDE BIKE TRAIL DRAINAGE CROSSING DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Royce	4/10			
Trans. Dev					
Utility Dev					
Aspers	Sofary	4/8/89			
DRAWING NO.	3781	MAP NO.	F-21	SHEET	10 OF 13



- 1) Specifications for 2" I.D. Standard Weight Seamless Steel Pipe, AS "M" Designation A53-55
- 2) All Steel Handrail Shall Receive Prime Coat of Red Lead Paint, And Two (2) Field Coats of Aluminum Paint, Conforming With Requirements of Section 157, City Specs.



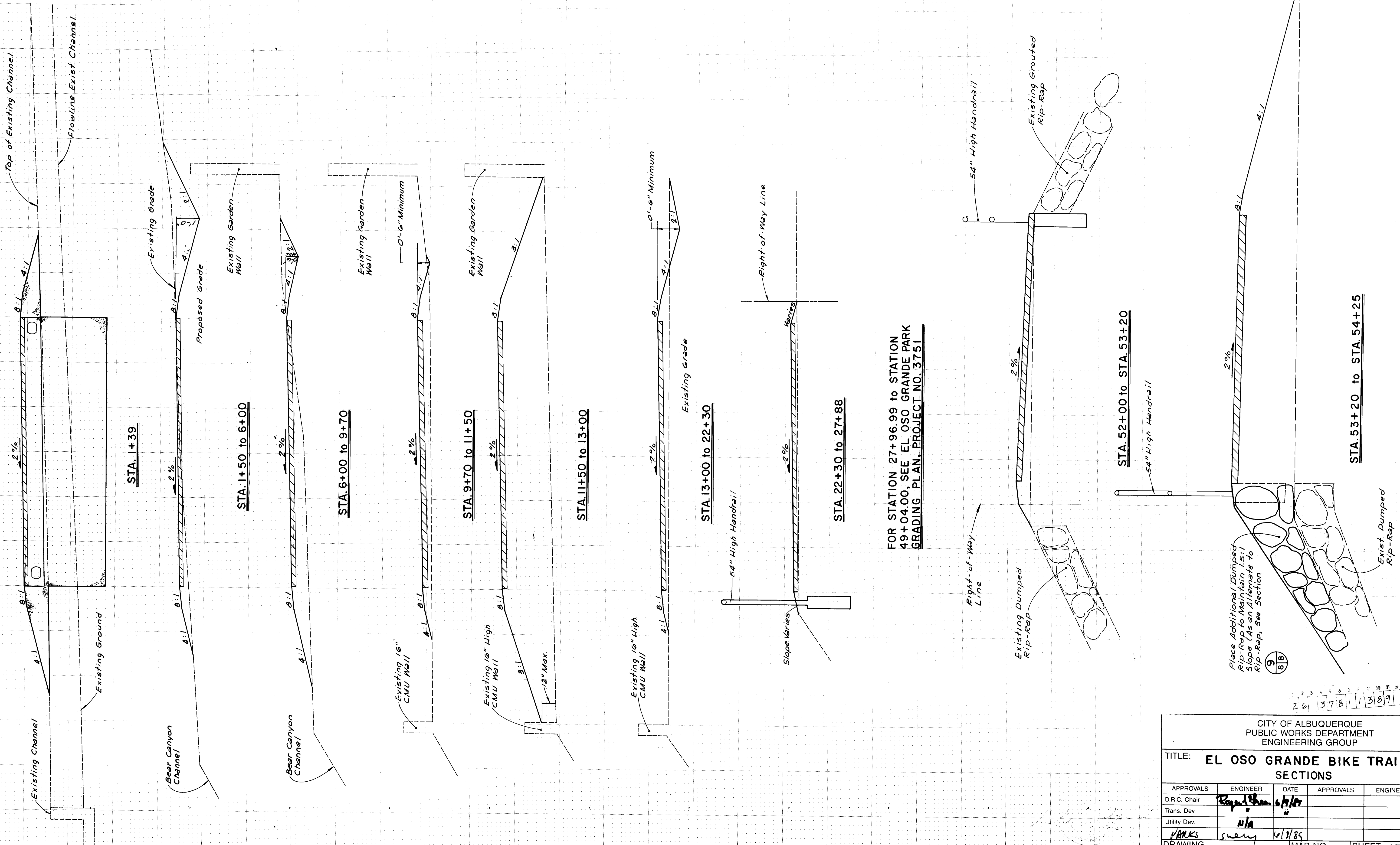
HANDRAIL DETAIL
NO SCALE

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: EL OSO GRANDE BIKE TRAIL DRAINAGE CROSSING DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	Ray L. Lujan	6/2/89			
Trans. Dev					
Utility Dev					
DESIGNED BY G.A. DATE FEB. 1989 DRAWN BY A.M. DATE FEB. 1989 CHECKED BY G.A. DATE FEB. 1989					
DRAWING NO.	3781	MAP NO.	F-21	SHEET	11 OF 13

FINAL	SURVEY	DATE
NO.	NO.	NO.
NO.	NO.	NO.
NO.	NO.	NO.

ORIGINAL	SURVEY	DATE
NO.	NO.	NO.
NO.	NO.	NO.
NO.	NO.	NO.

SCALE: 1" = 2' VERT.
1" = 2' HORIZ.



FOR STATION 27+96.99 TO STATION
49+04.00, SEE EL OSO GRANDE PARK
GRADING PLAN, PROJECT NO. 3751

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: EL OSO GRANDE BIKE TRAIL SECTIONS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Roy L. Chen</i>	6/1/87			
Trans. Dev.					
Utility Dev.	<i>N/A</i>				
DRAWING NO.	3781	MAP NO.	F-21	SHEET	13 OF 13