

Interchange Crossing Under I-70  
Station 290+00

AS CONSTRUCTED  
REVISED DATE JAN 28 1967

FEDERAL ROAD REGION NO.	DISTRICT	PROJ NO.	SHEET NO.
9	COLORADO	I 70-3022A-2	11

See WD 2494 for Station 285+00

$\Delta = 24^{\circ}30'$   
 $R = 355.6'$   
 $D_c = 6^{\circ}00'$   
 $L_c = 408.35'$   
 $T = 207.35'$   
 $E = 22.25'$

$\Delta = 86^{\circ}39'$   
 $R = 50'$   
 $D_c = 114^{\circ}36'$   
 $L_c = 75.6'$   
 $T = 47.16'$

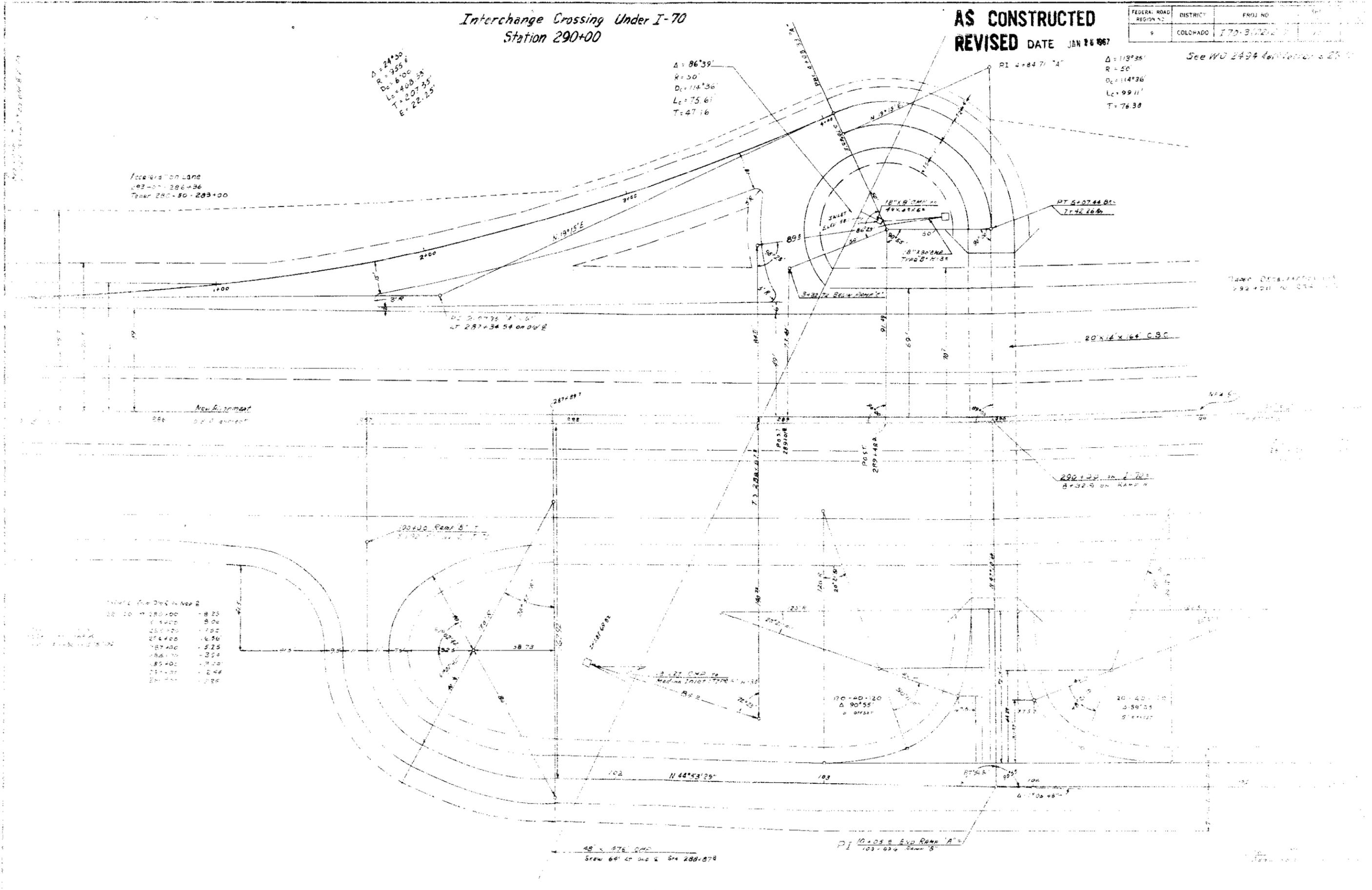
$\Delta = 113^{\circ}35'$   
 $R = 50'$   
 $D_c = 114^{\circ}36'$   
 $L_c = 99.11'$   
 $T = 76.38'$

Acceleration Lane  
292+00 - 296+36  
Taper 280+50 - 283+00

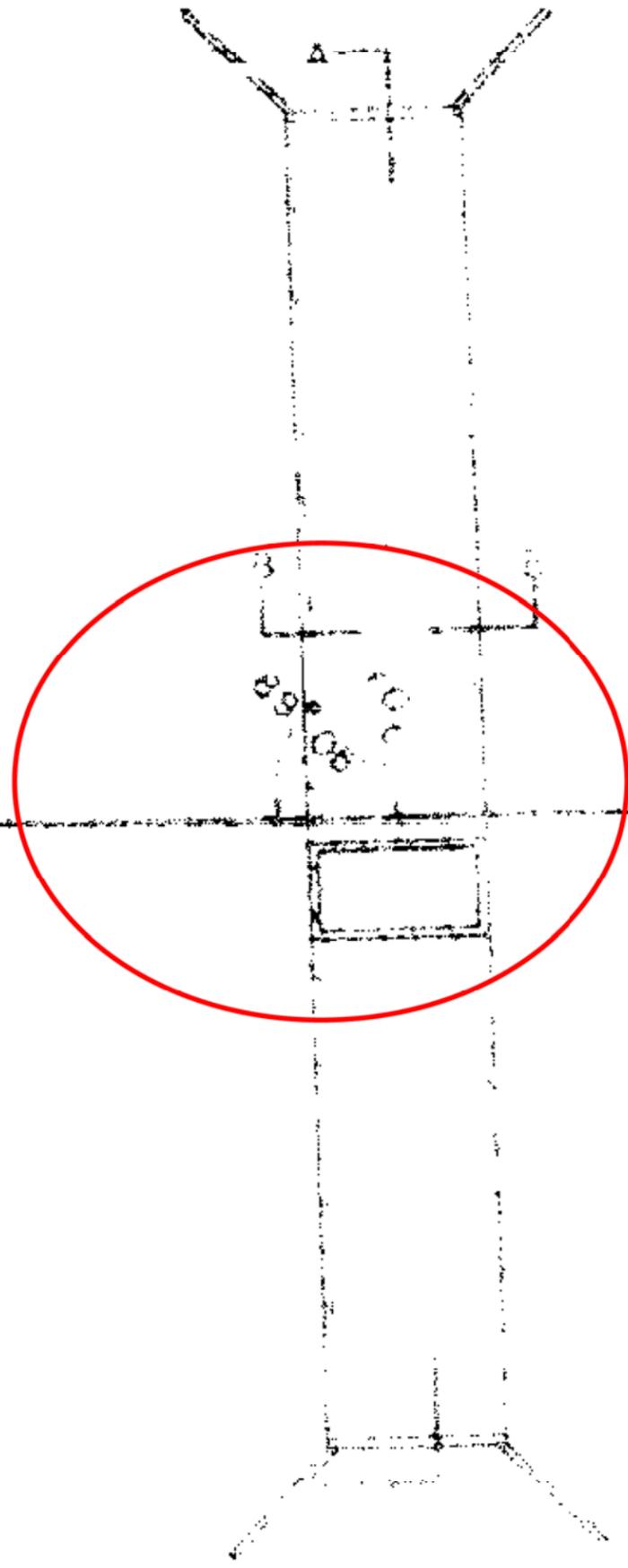
New Alignment  
286+00 - 288+00

Profile for Deck on Ramp 2

28+10	180.00	-8.25
28+20	180.00	-8.00
28+30	180.00	-7.50
28+40	180.00	-6.50
28+50	180.00	-5.25
28+60	180.00	-3.50
28+70	180.00	-1.50
28+80	180.00	0.00
28+90	180.00	0.00
29+00	180.00	0.00







1.1

1.2

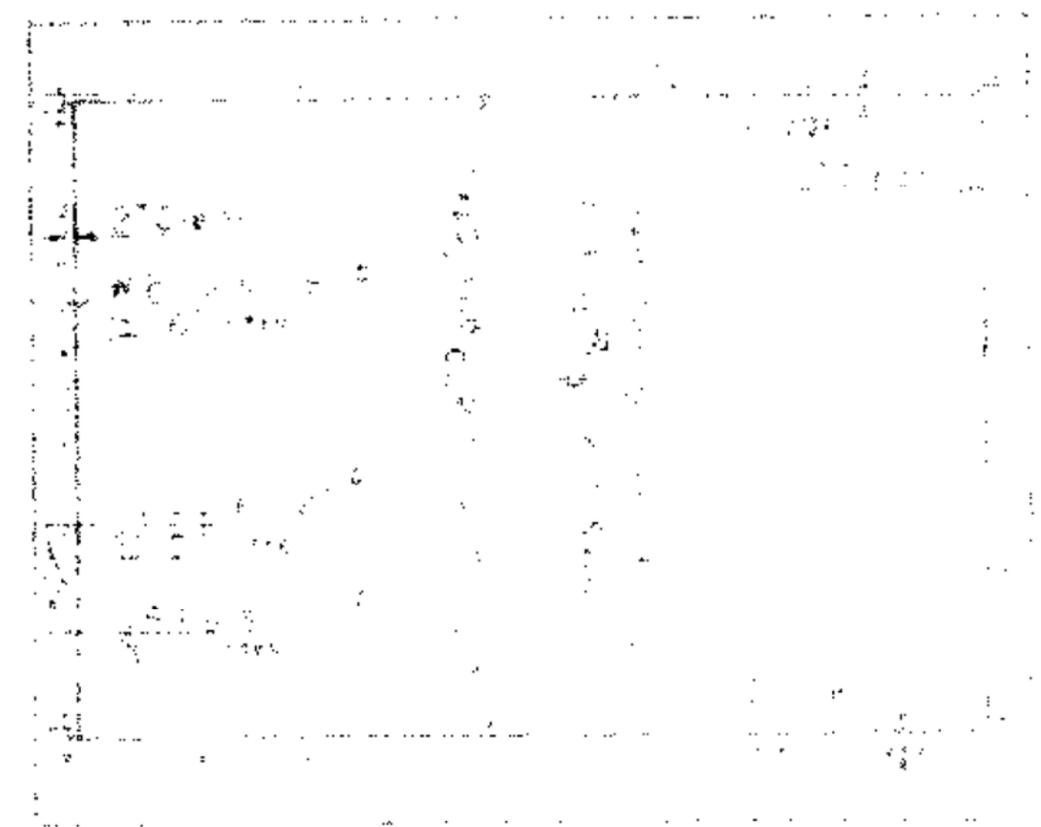
1.3

1.4

1.5

1.6

1.7



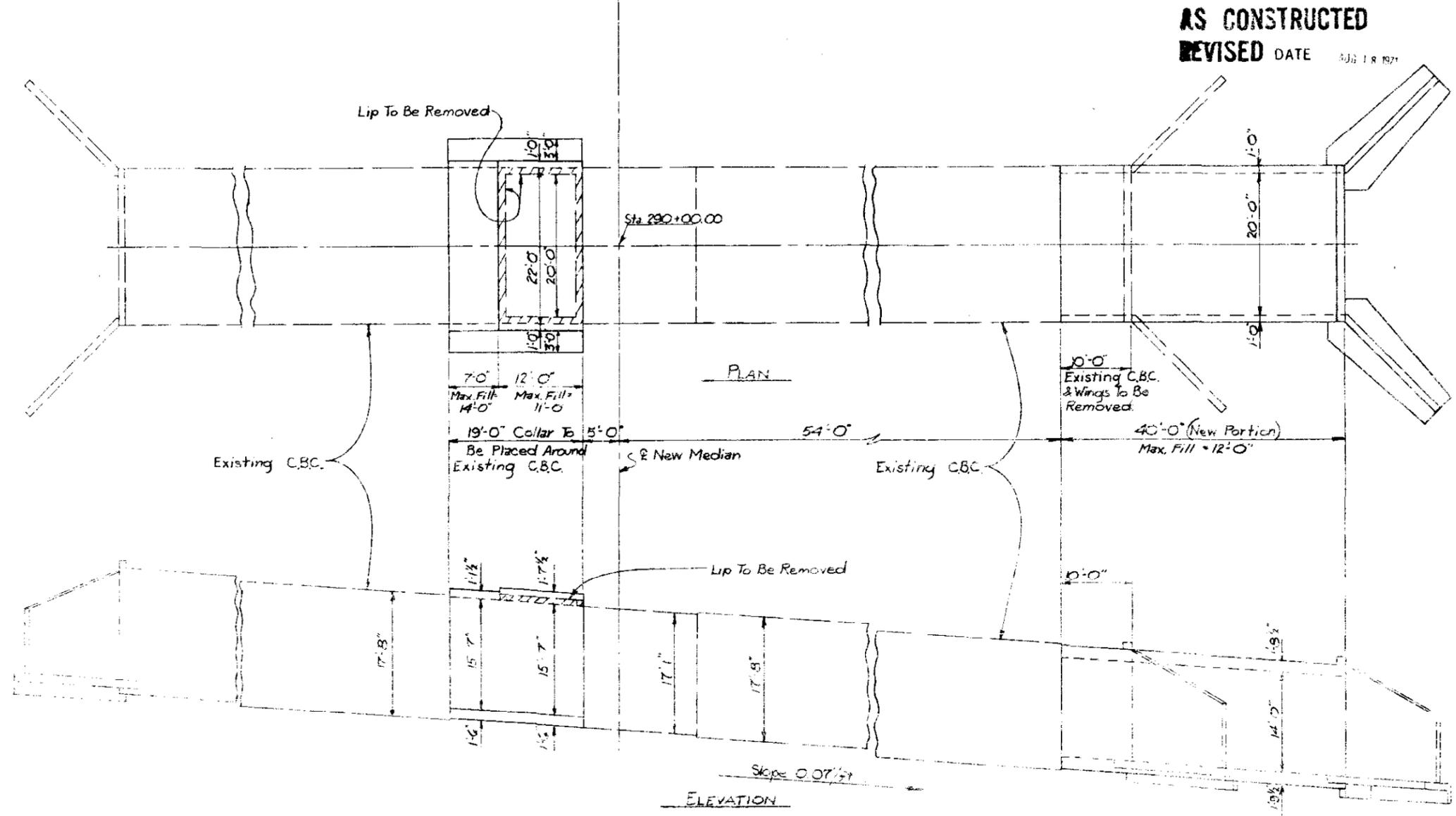
1.8

1.9



FEDERAL ROAD REGION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	I 70-3(66) 212	15	

REVISIONS	



DESIGNED BY	DATE	CHECKED BY
	11/2/69	JLS
CHECKED BY		
QUANTITIES BY		
CHECKED BY		

SUMMARY OF QUANTITIES					Box	Page	Total
Item No.	Description	Unit	Collar	C.B.C. Extension & Wingwall			
001	Removal of Portions of Present Struct.	Fs			7	7	
002	Concrete Class A	Cyd	447	1817	34.6	243	7
003	Reinforcing Steel	Lb	3601	2338	3230	24762	7
004	Formwork	Sq Ft			33	33	7

1. C.B.C. To Be Used In The Ad. Price For Item No. 001 Concrete Class A

2. Same Quantities As Above

See Section F For General Notes.

**DIVISION OF HIGHWAYS**

CONSTRUCTION LAYOUT  
SUMMARY OF QUANTITIES  
I 70-3(66) 212  
15

Approv. \_\_\_\_\_  
Bridge Engineer

Designer: JLB  
Structure Number: F 13-5  
Date: \_\_\_\_\_

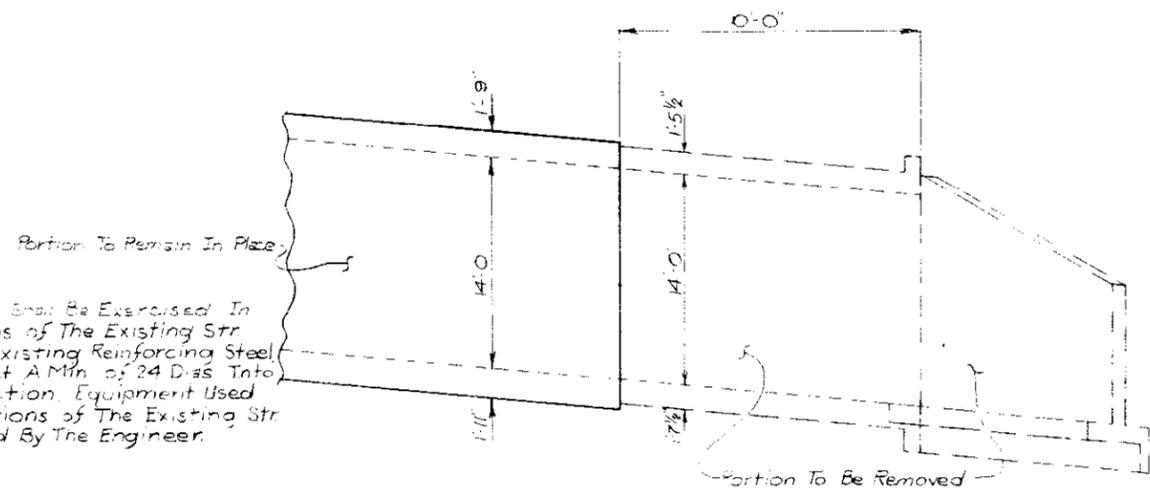
Detailer: EJA

DWG. No. B 1 OF 3

FEDERAL ROAD DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9 COLORADO	IT0-3(60)212	16	

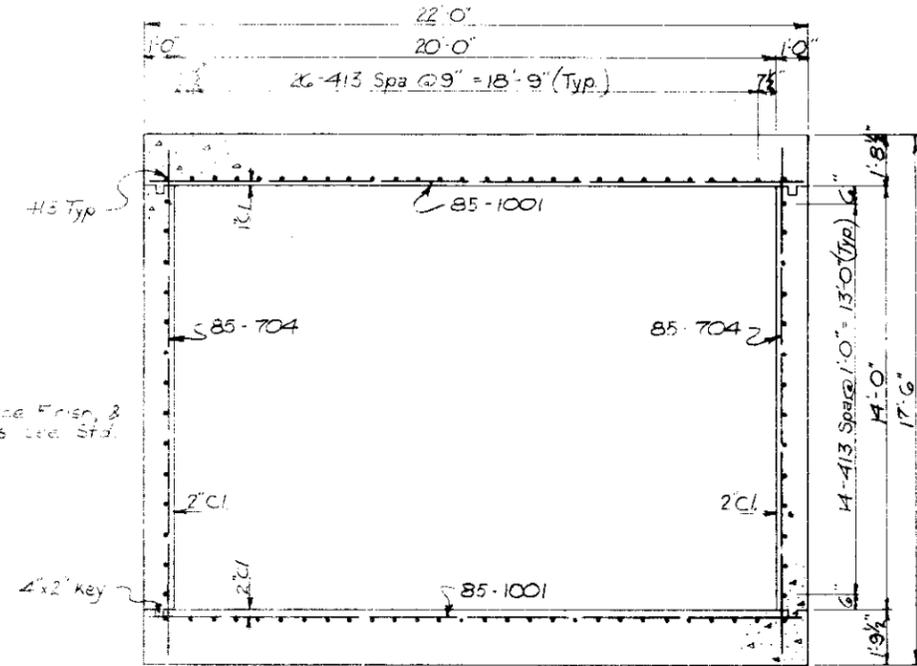
REVISIONS	

AS CONSTRUCTED  
REVISED DATE

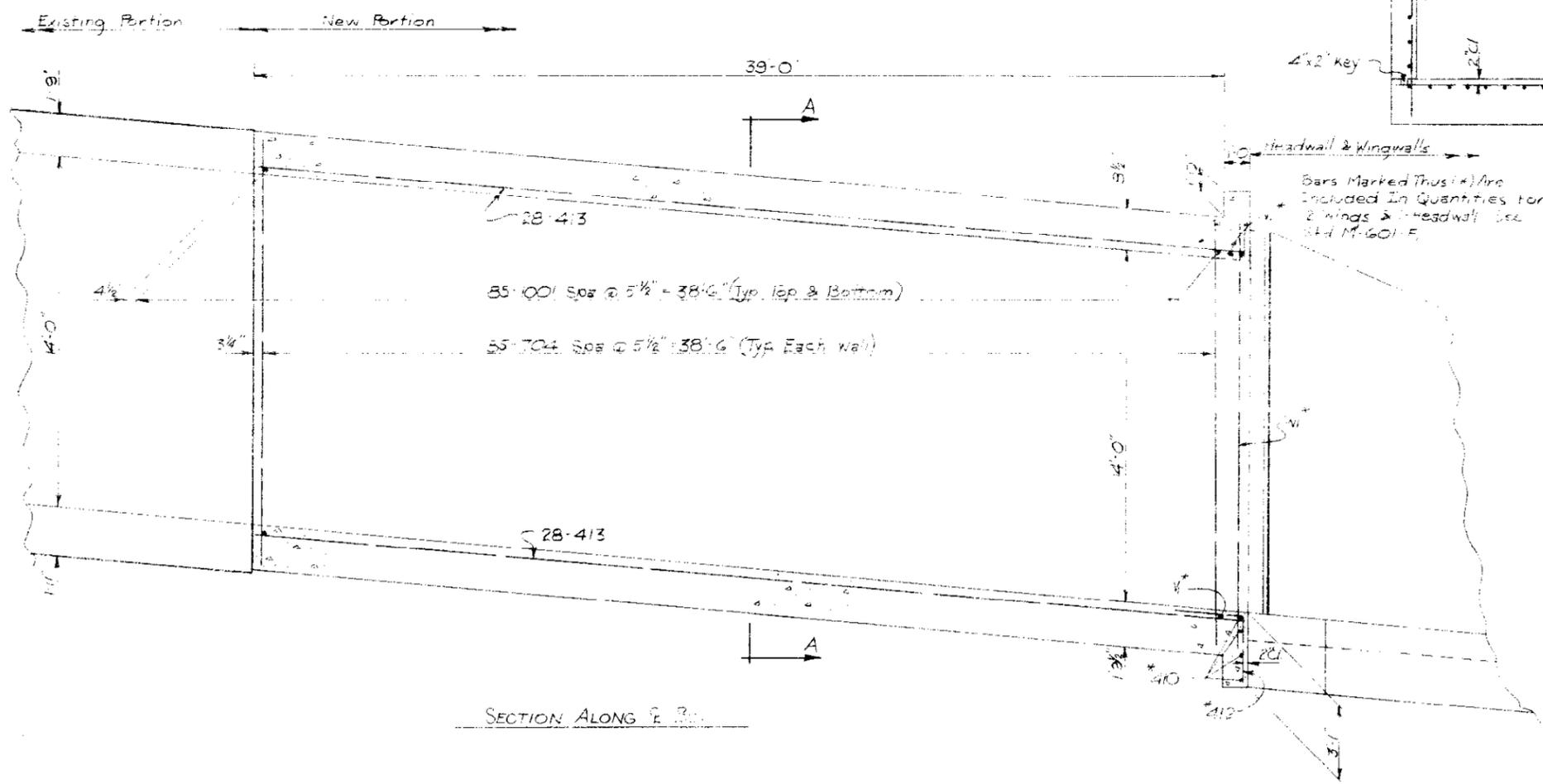


REMOVAL DETAILS

Note: Special Care Shall Be Exercised In Removing Portions of The Existing Str. To Preserve The Existing Reinforcing Steel Which Shall Project A Min. of 24 Dias Into The New Construction. Equipment Used In Removing Portions of The Existing Str. Shall Be Approved By The Engineer.



For Removal Window Surface Finish, & Underlaid (see) Details See Std. M-601-E (use 11 = 14'-0")



SECTION ALONG E

SECTION AA  
Book #7 Page 13

BAR LIST - OUTLET

Mark	No. Req'd	Length	Type	Dimensions
				l m
413	65	33.5	str.	
704	170	17'-0"	Str.	
1001	170	21'-8"	Str.	

Bar Summary  
 3332 LF #4 @ 0.668#/ft. = 2226 lbs.  
 2890 LF #5 @ 2.044#/ft. = 5907 lbs.  
 3683 LF #4 @ 4.303#/ft. = 15,848 lbs.  
 Total = 23,981 lbs.

Bars Marked Thus (\*) Are Included In Quantities for 2 Wings & Headwall See Std. M-601-E

**DIVISION OF HIGHWAYS**

OUTLET DETAILS  
REMOVAL DETAILS  
38" EXTENSION  
(E90+)

Approved: R. Schwenker, P.E. Bridge Engineer Date: Apr. 25, 1963	Designer: J.L.B. Structure Numbers: F-13-S DWG. No. B 2 OF 3	Detailer: EPA
---------------------------------------------------------------------------	--------------------------------------------------------------------	---------------

CHECKED BY	DATE
DESIGNED BY	DATE
DRAWN BY	DATE
IN CHARGE	DATE

ARAPAHO NATIONAL FOREST

N.W. 1/4 Sec. 35  
 T.4 S., R. 77 W.

AS CONSTRUCTED

170-3(06)27 4, A

SE 1/4 Sec. 36  
 T.4 S., R. 77 W.

# REVISIONS  
 DATE

PLAN  
 NOTE: ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.  
 ALL ANGLES ARE IN DEGREES UNLESS OTHERWISE NOTED.

PROFILE

