

AS CONSTRUCTED		
NO. REVISIONS	23 MAR 84	REVISED
		VOID

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	CYBRF-CYB13-013-05 MAP 15-011-2-72	2	

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THE STANDARD PLAN SHEETS INDICATED HEREON BY A
MARKED BOX ARE TO BE USED TO CONSTRUCT THIS
PROJECT.

DEPARTMENT OF HIGHWAYS STATE OF COLORADO DIVISION OF HIGHWAYS	
STANDARD PLANS LIST	
M & S STANDARDS	JANUARY, 1982

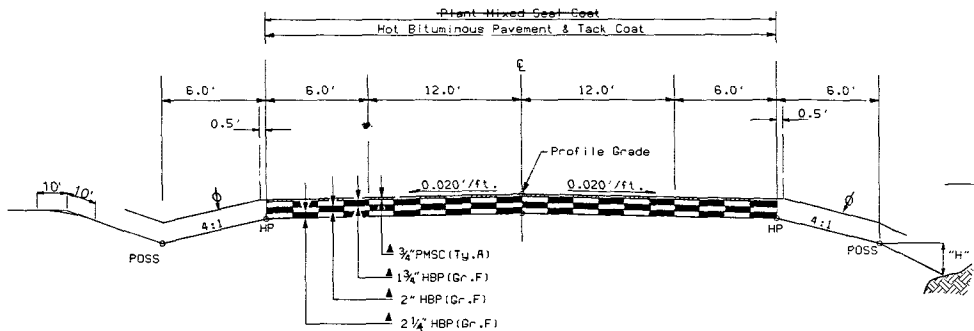
Fill Slopes

Slope 4:1 where "H" is less than 4'.
Slope 3:1 where "H" is 4' to 15'.
Slope 2:1 where "H" is over 15'.

In special cases, slope may be steepened.

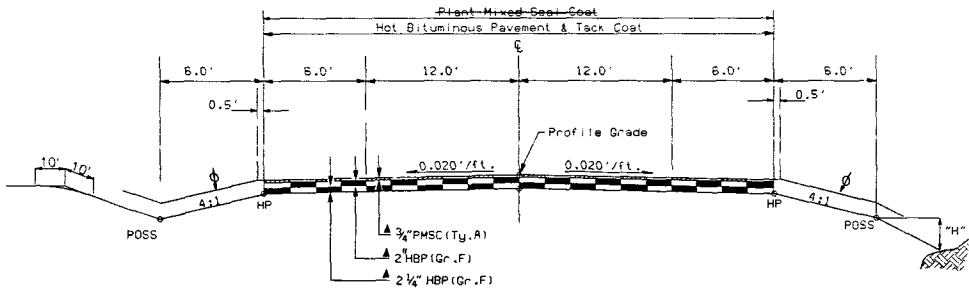
TYPICAL SECTION A

STA. 467+75 TO STA. 483+50
STA. 500+50 TO STA. 507+25
STA. 550+00 TO STA. 570+00



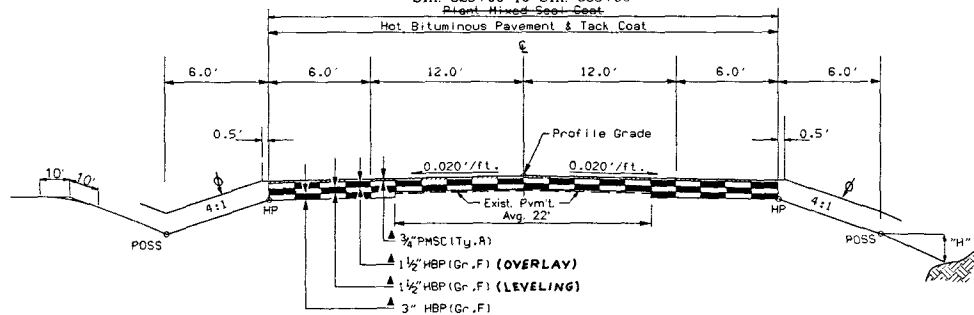
TYPICAL SECTION B

STA. 483+50.00 TO STA. 500+50.00
STA. 535+00.00 TO STA. 541+61.25
STA. 543+92.75 TO STA. 550+00.00
STA. 570+00.00 TO STA. 579+50.00



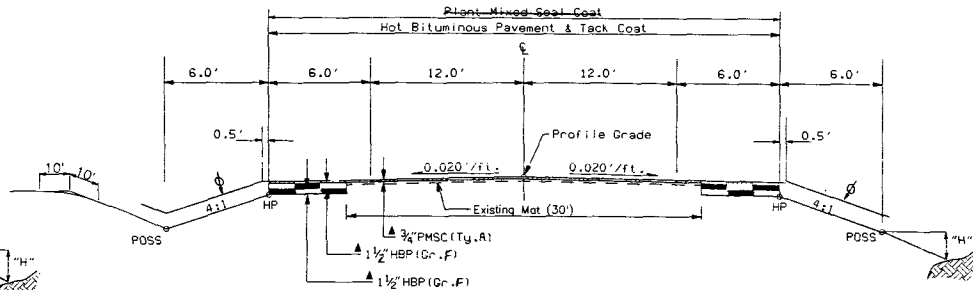
TYPICAL SECTION C

STA. 507+25 TO STA. 515+00
STA. 525+00 TO STA. 535+00

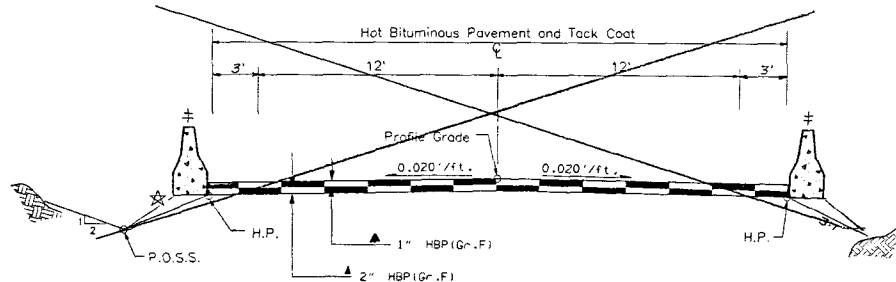


TYPICAL SECTION D

STA. 515+00 TO STA. 525+00



DETOUR TYPICAL



Material shall be placed in separate courses at the following approximate rates per 100 lin. ft. of roadway:

TYPICAL SECTION A	
Plant Mixed Seal Coat	17 Tons
Hot Bituminous Pavement	39 Tons
Top Layer	44 Tons
Middle Layer	44 Tons
Bottom Layer	50 Tons

TYPICAL SECTION B	
Plant Mixed Seal Coat	17 Tons
Hot Bituminous Pavement	44 Tons
Top Layer	44 Tons
Bottom Layer	50 Tons

TYPICAL SECTION C	
Plant Mixed Seal Coat	17 Tons
Hot Bituminous Pavement	33 Tons
Overlay	33 Tons
Leveling Course	33 Tons
Bottom Layer	26 Tons

TYPICAL SECTION D	
Plant Mixed Seal Coat	17 Tons
Hot Bituminous Pavement	6 Tons
Top Layer	6 Tons
Bottom Layer	6 Tons

DETOUR TYPICAL

Hot Bituminous Pavement	19 Tons
Top Layer	37 Tons
Bottom Layer	37 Tons

The rates shown have been determined from information available at the time of design. Rates should be adjusted during construction to obtain the required approximate thickness.

See Detour Detail for locations of Concrete Barrier.

▲ Approximate Thickness

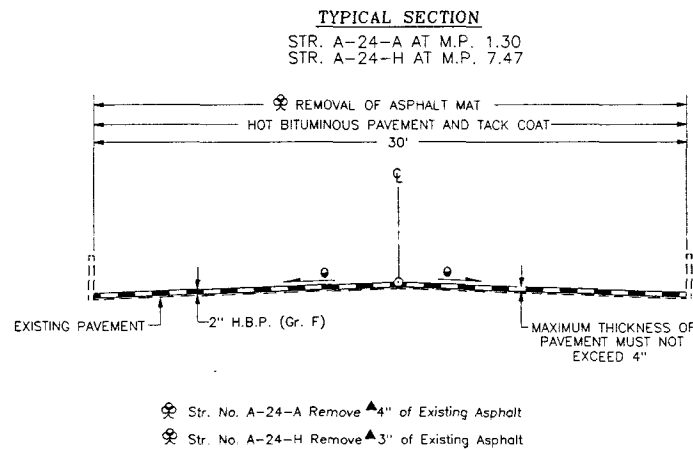
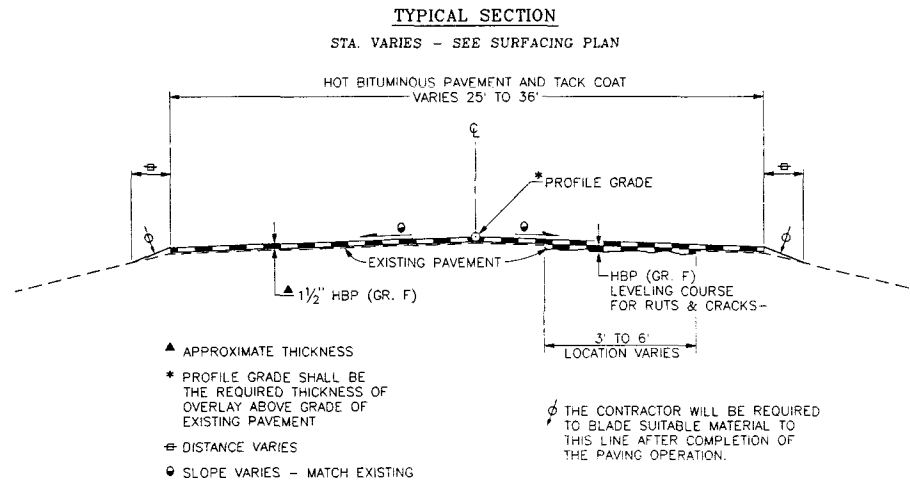
★ 2:1 Where Concrete Barrier is used.
3:1 in all other locations.

The Contractor shall strip existing vegetation and windrow material along roadway slope. He shall place material back to this line after completion of paving operation. Quantity is included in Roadway Embankment (From Computer). This will not be paid for separately but shall be included in the Cost of Item No. 203-Embankment Material (Complete in Place).

Break points on slopes and in bottoms of ditches shall be rounded during construction for a pleasing appearance. See Standards for Details of Cut Slope Treatment, Flaring and Widening.

The depth and width of the side ditch shall be varied where necessary in order to provide proper drainage.

AS CONSTRUCTED			FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
NO. REVISIONS	REVISED	23 MAY 90	VIC		MP13-0113-06	5



FINAL SURFACING PLAN

- INCLUDES SOUTH APPROACH TO PROJ. CXBRF-CX(S)13-0113-05
- ◇ INCLUDES STR. A-24-A AT M.P. 1.30
- ◇ INCLUDES STR. A-24-H AT M.P. 7.47

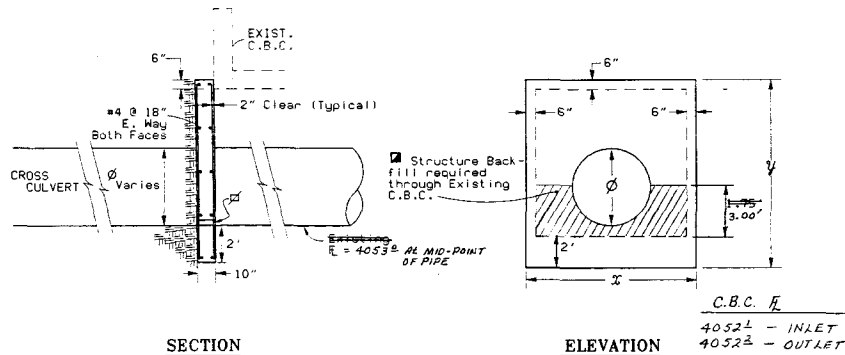
NO WORK SECTIONS

- MP 2.90 TO 3.90
- MP 6.00 TO 7.00
- MP 10.94[†] TO ~~13.10~~ 12.00

[†] EXCLUDING NORTH APPROACH TO PROJ. CXBRF-CX(S)13-0113-05

IT IS ESTIMATED THAT 18 HOURS OF BLADING WITH A MOTOR GRADER IN THE 125 TO 150 FLYWHEEL HORSEPOWER RANGE WILL BE REQUIRED TO REMOVE VEGETATION FROM THE EDGE OF PAVEMENT, AND TO PLACE SUITABLE MATERIAL FOR SHOULDERING, AS DIRECTED BY THE ENGINEER.

DETAIL OF CURTAIN WALL

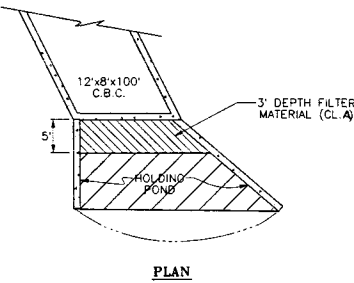


STATION	EXIST. C.B.C. SIZE	ϕ	QUANTITIES		x	y
			CONCRETE CLASS A (WALL)	REINFORCING STEEL *		
			INCH	CU. YDS.	LBS.	
522+87	10'X6'	72	2.0		255	11'-0" 8'-6"
536+42	8'X8'	42	2.65		269	9'-0" 10'-6"

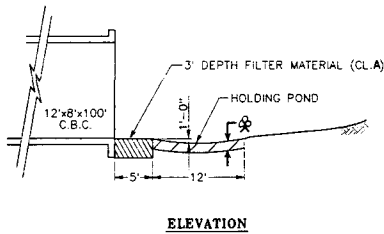
- Includes 5% for Splice and Wastage.
- Carried to Structures Quantities List.
- Provide 3" diameter Weep Holes at outlet at no additional costs.

AS CONSTRUCTED		FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
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DETAIL OF HOLDING POND AT STA. 573+83



NOTE: FILTER MATERIAL (CL A) & HOLDING POND REQUIRED AT INLET AND OUTLET AREA.



EXCAVATE, STOCKPILE, AND REPLACE WETLAND TOPSOIL TO A DEPTH OF 1 FOOT.
IT IS ESTIMATED THAT 40 CU. YDS. ~~WILL BE~~ ^{WAS} REQUIRED, AND ~~SHALL BE~~ ^{WAS} PAID FOR AS STOCKPILE TOPSOIL (HAUL).

DETOUR DETAIL - STA. 542+00

AS CONSTRUCTED	REVISED	VOID
NO REVISIONS	23 MAY 90	

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
		CXBRF-CX(S)13-0113-05	15

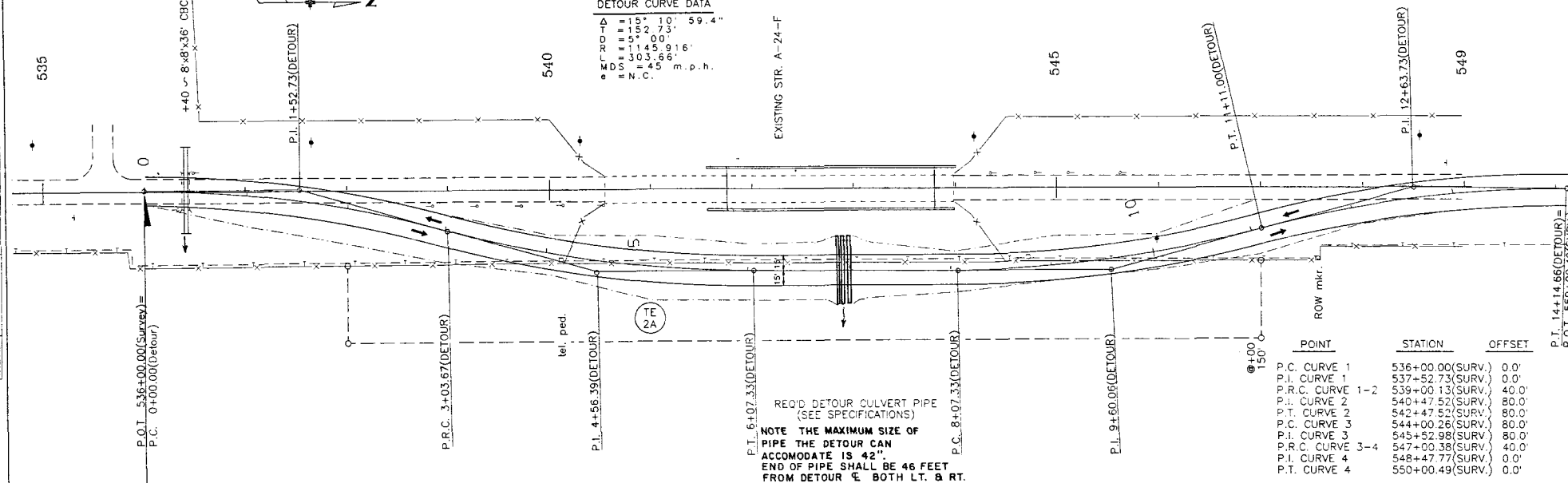
Original Scale: 1"=50'

DETOUR CURVE DATA

Δ	= 15° 10' 59.4"
RO	= 10.73'
MD	= 145.916'
MD	= 45.916'
N.C.	3 p.h.

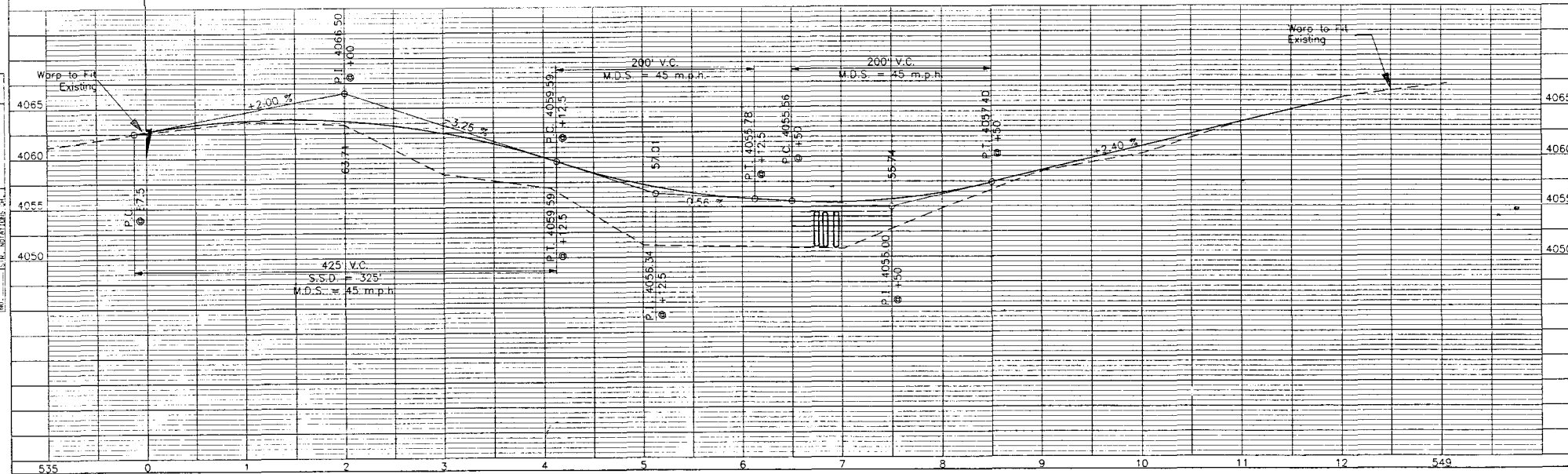
EXISTING STR. A-24-F

DATE	BY	CHKD



POINT	STATION	OFFSET
P.C. CURVE 1	536+00.00(SURV.)	0.0'
P.L. CURVE 1	537+52.73(SURV.)	0.0'
P.R.C. CURVE 1-2	539+00.13(SURV.)	40.0'
P.L. CURVE 2	540+47.52(SURV.)	80.0'
P.T. CURVE 2	542+47.52(SURV.)	80.0'
P.C. CURVE 3	544+00.26(SURV.)	80.0'
P.L. CURVE 3	545+52.98(SURV.)	80.0'
P.R.C. CURVE 3-4	547+00.38(SURV.)	40.0'
P.L. CURVE 4	548+47.77(SURV.)	0.0'
P.T. CURVE 4	550+00.49(SURV.)	0.0'

DATE	BY	CHKD



DETOUR DETAIL - STA. 573+83

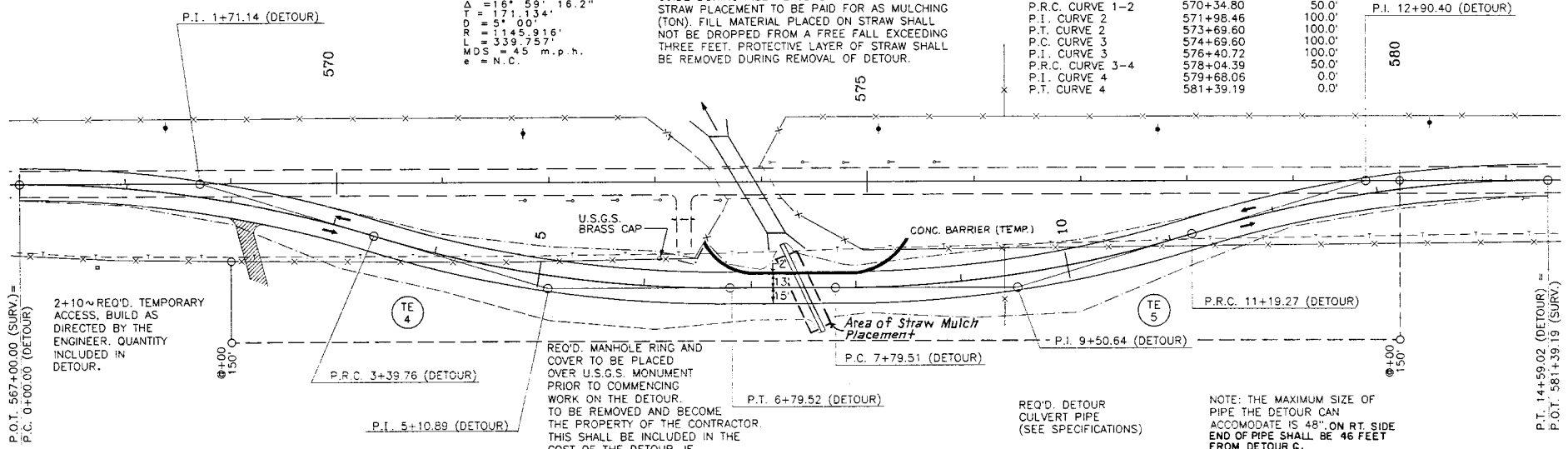
Original Scale: 1"=50'

DETOUR CURVE DATA

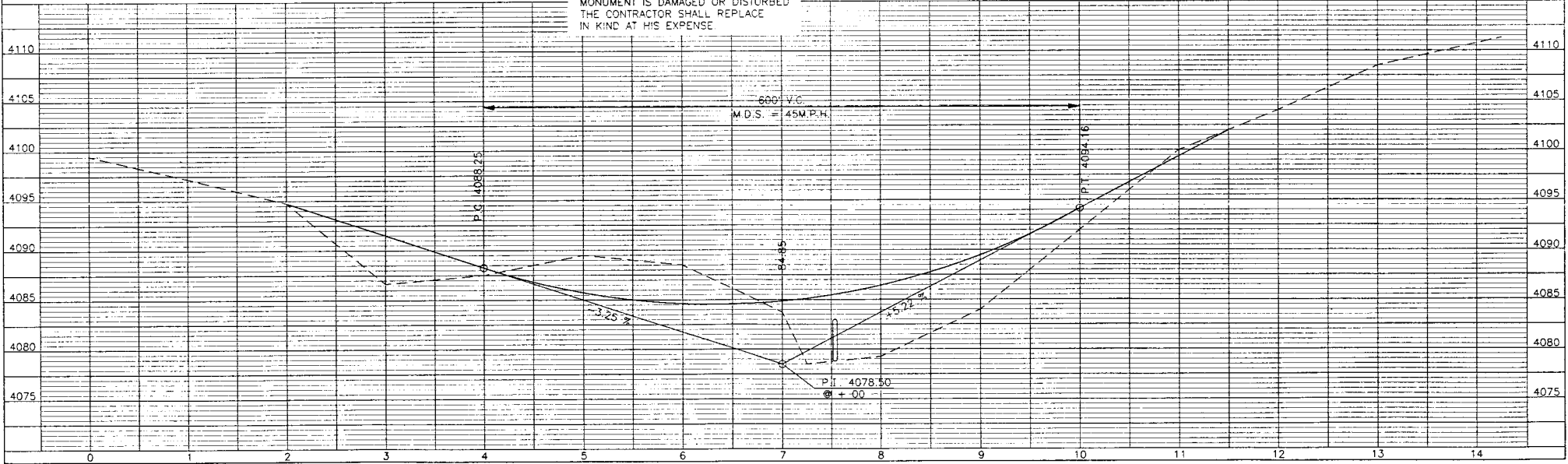
$\Delta = 16^\circ 59' 16.2''$
 $D = 171.134'$
 $R = 51.00'$
 $L = 1145.916'$
 $MDS = 339.757'$
 $e = N.C.$

A TWO FOOT LAYER OF STRAW MULCH SHALL BE PLACED OVER WEILAND AREA AS DIRECTED BY THE ENGINEER, TO SERVE AS A PROTECTIVE GUIDE DURING FILL PLACEMENT AND REMOVAL. STRAW PLACEMENT TO BE PAID FOR AS MULCHING (TON). FILL MATERIAL PLACED ON STRAW SHALL NOT BE DROPPED FROM A FREE FALL EXCEEDING THREE FEET. PROTECTIVE LAYER OF STRAW SHALL BE REMOVED DURING REMOVAL OF DETOUR.

POINT	STATION	OFFSET
P.C. CURVE 1	567+00.00	0.0'
P.I. CURVE 1	568+71.13	0.0'
P.R.C. CURVE 1-2	570+34.80	50.0'
P.I. CURVE 2	571+98.46	100.0'
P.T. CURVE 2	573+69.60	100.0'
P.C. CURVE 3	574+69.60	100.0'
P.I. CURVE 3	576+40.72	100.0'
P.R.C. CURVE 3-4	578+04.39	50.0'
P.I. CURVE 4	579+68.06	0.0'
P.T. CURVE 4	581+39.19	0.0'



NOTE: THE MAXIMUM SIZE OF PIPE THE DETOUR CAN ACCOMMODATE IS 48" ON RT. SIDE END OF PIPE SHALL BE 46 FEET FROM DETOUR Q.



PLAN	DATE
NO.	

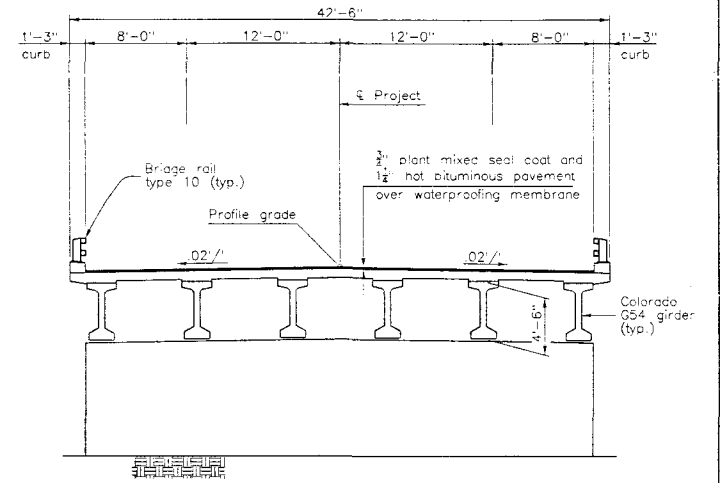
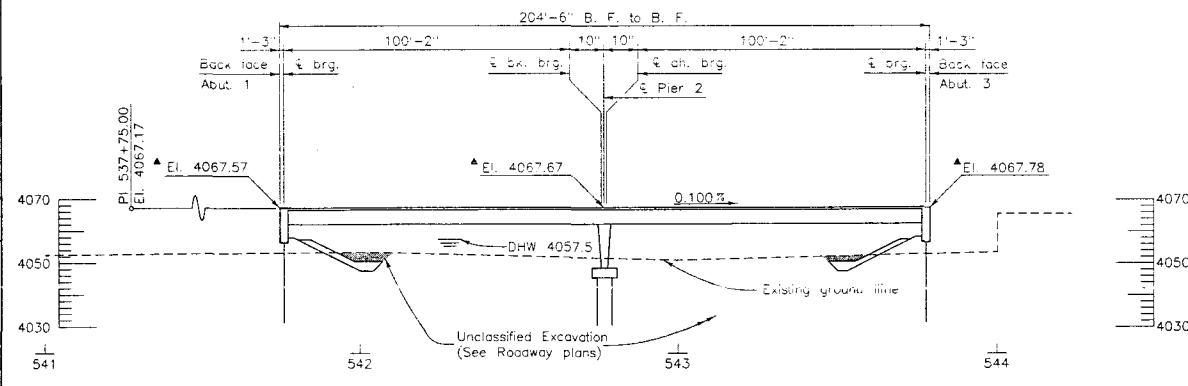
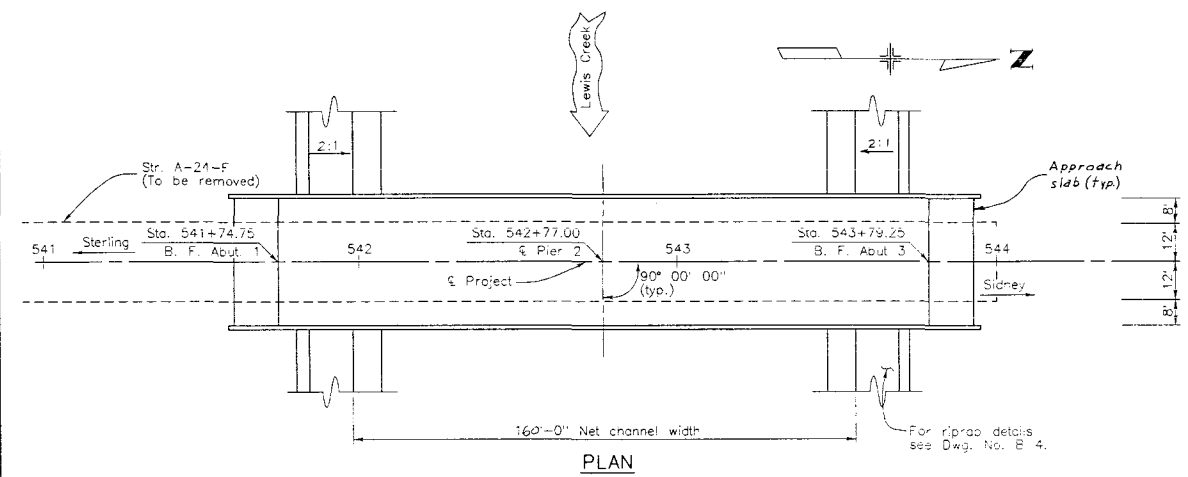
PROFILE	DATE
NO.	

04/04/85 00:13:20 LA PLATA: [USE/ABOVE/PLANS] [E1-70X] 00000 1100

AS CONSTRUCTED			FEDERAL ROAD REGION NO.	DIVISION	PROJECT NUMBER	SHEET NUMBER
NO REVISIONS	23 MAY 90	REVISED		VOID		

REVISIONS		

INITIAL	DATE	CHECKED BY	DATE
DESIGNED BY	10-88	QC'D BY	10-88
CHECKED BY	10-88	QC'D BY	10-88
DESIGNED BY	10-88	QC'D BY	10-88



TYPICAL SECTION

SECTION

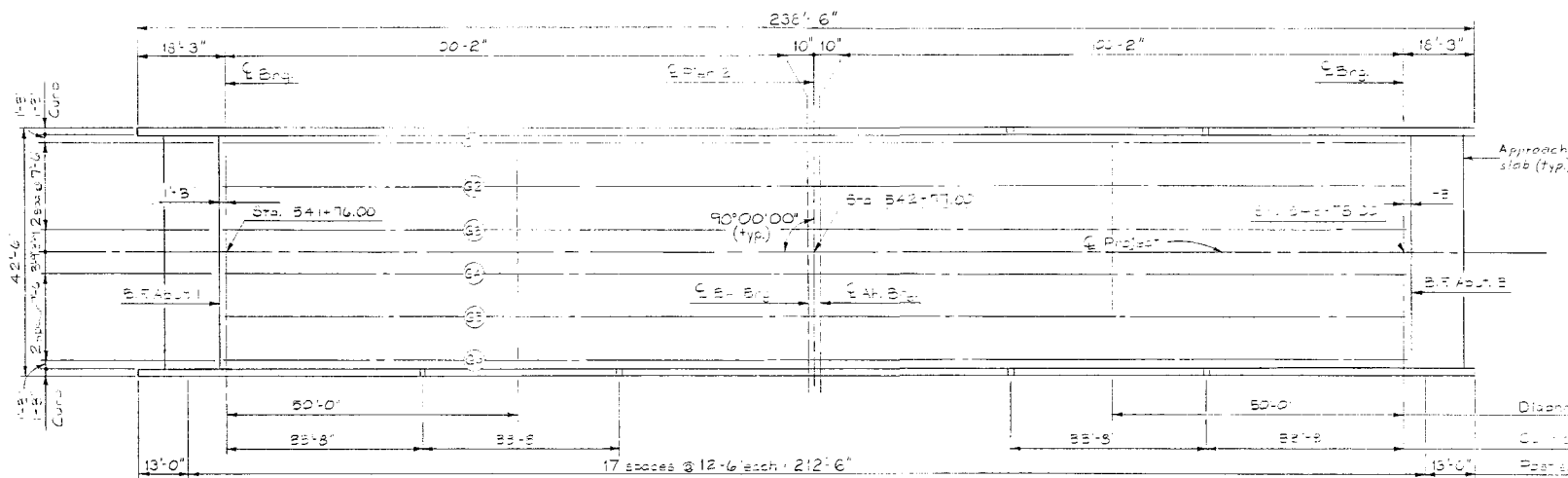
(Taken at & Project)
Elevations are at finished grade

DIVISION OF HIGHWAYS		
GENERAL LAYOUT		
Designer	L. Buitron	Structure
Detailer	K. Heater	Numbers
Drawing Number	B 2	of 16 Drawings
Revision Dates	(Preliminary Stage Only)	

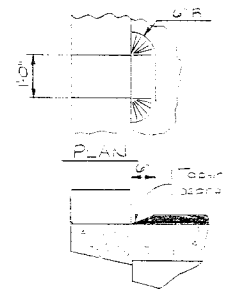
AS CONSTRUCTED			
NO REVISIONS	REVISED	23 MAY 90	VOID

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLO.	CXBRF-CX(5) 13-013-05	21	

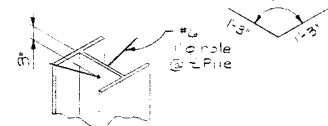
REVISIONS			



CONSTRUCTION LAYOUT

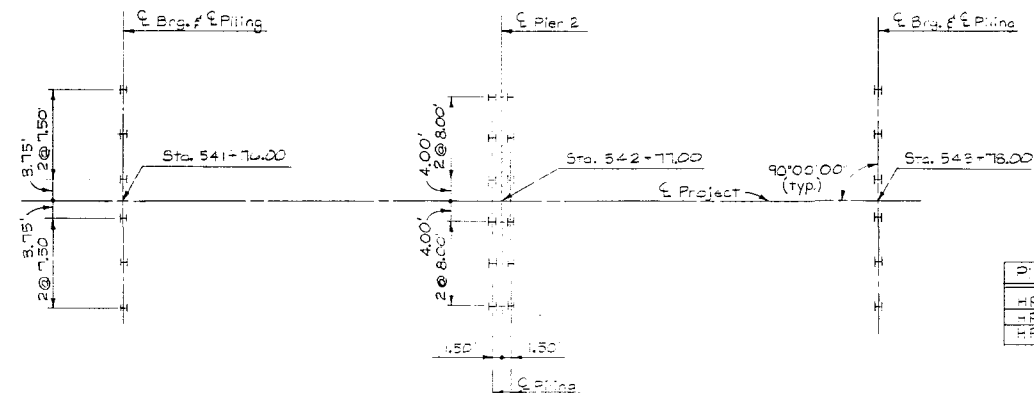


CURB CUT DETAIL
 Move curb reinforcing to clear.



PILE ANCHORAGE DETAIL

Piling dimensions are at bottom of concrete.
 Acutment dimensions are 7' x 5' 6".
 Maximum pile load = 101 tons.
 All piling shall be end bearing HP 14 x 89.



PILING LAYOUT

Pile size	Location	Est. tip elev.	Avg. Tip Elev.
HP 14 x 89	Abut. 1	4030.0	4028.08
HP 14 x 89	Pier 2	4036.0	4030.82
HP 14 x 89	Abut. 3	4035.0	4036.12

DIVISION OF HIGHWAYS

CONSTRUCTION LAYOUT
 PILING LAYOUT

DESIGNER	STRUCTURE
DETAILER	NUMBERS
DRAWING NUMBER	OF 16 DRAWINGS

REVISION DATES	(PRELIMINARY STAGE ONLY)

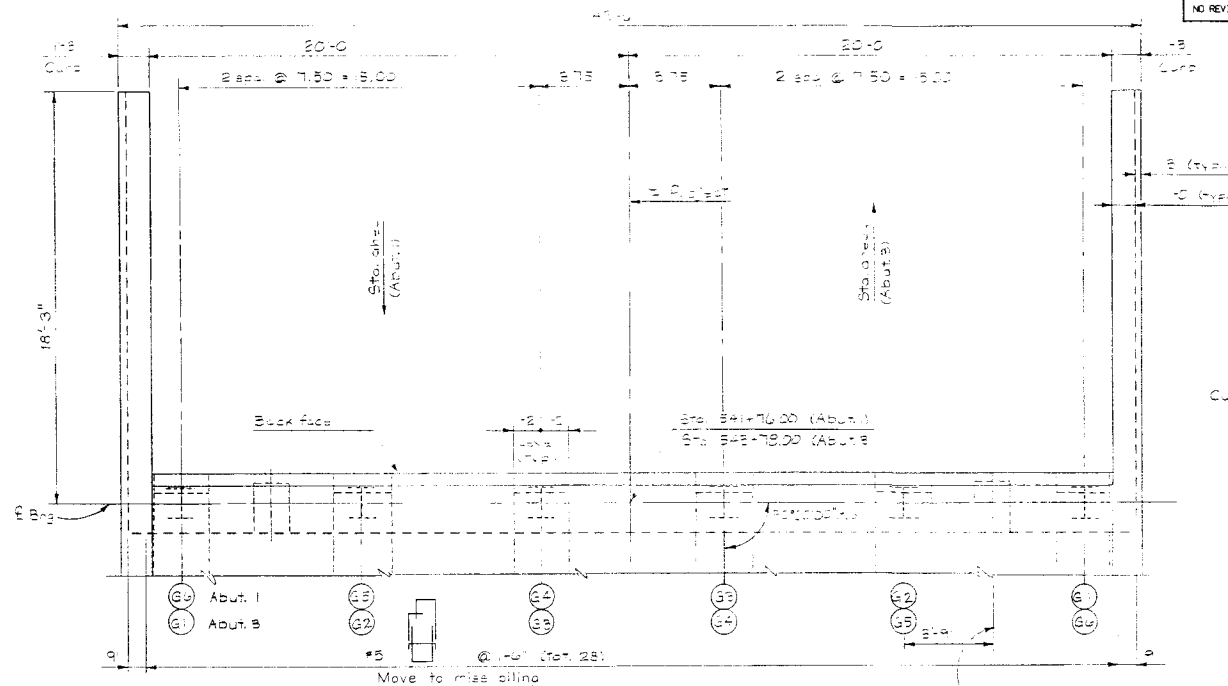
INITIAL	DATE	DESIGNED BY	CHECKED BY
J.A.	10/93	J.A.	10/93
J.A.	10/93	J.A.	10/93
J.A.	10/93	J.A.	10/93

DESIGNED BY	CHECKED BY	DATE	INITIALS
W. J. A.	W. J. A.	10/28/61	
DETAILED BY	QUANTITIES BY	DATE	INITIALS
W. J. A.	W. J. A.	10/28/61	

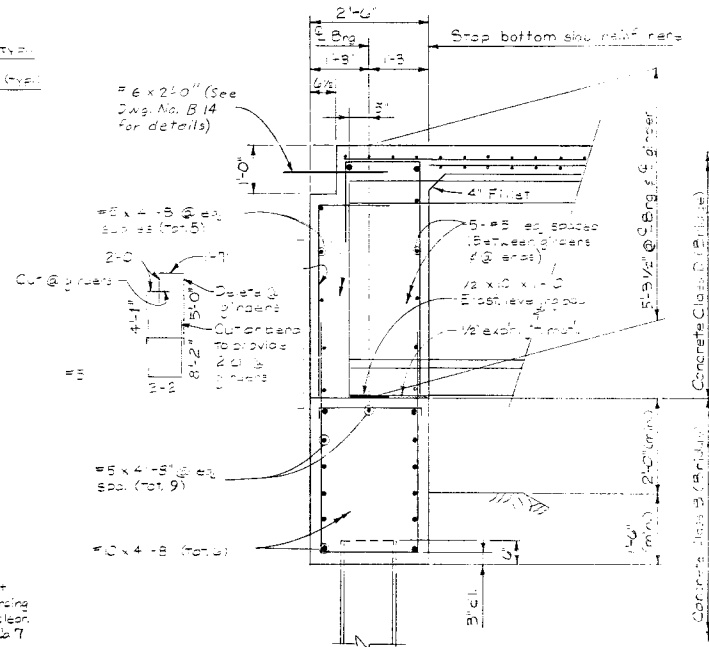
AS CONSTRUCTED		
NO REVISIONS	27 MAR 59	REVISED
		VOID

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XII	COLO.	CA-PR-CX(5)B-613-05	22	

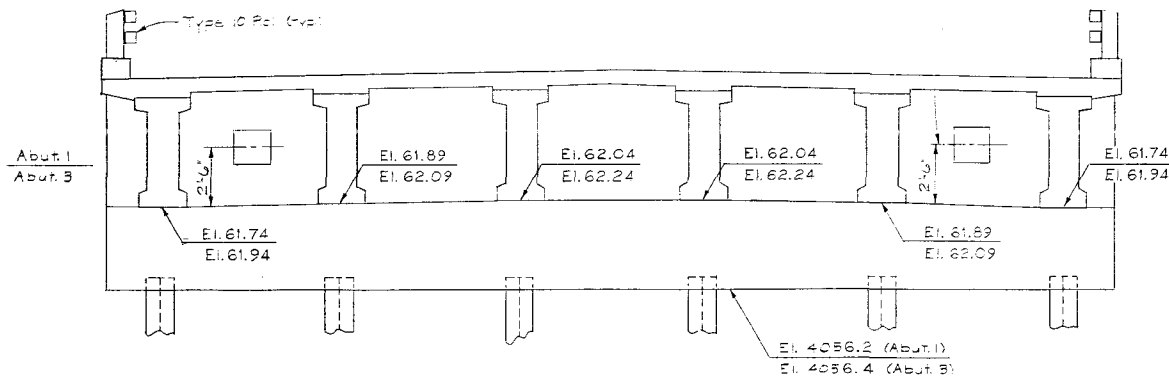
REVISIONS	



PLAN



TYPICAL SECTION

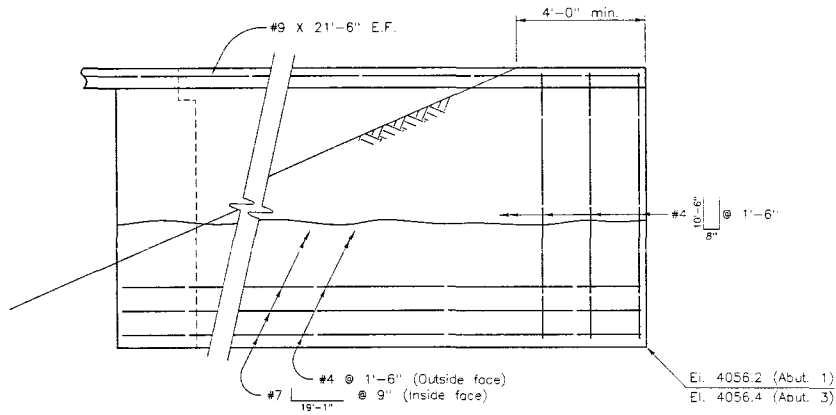


ELEVATION

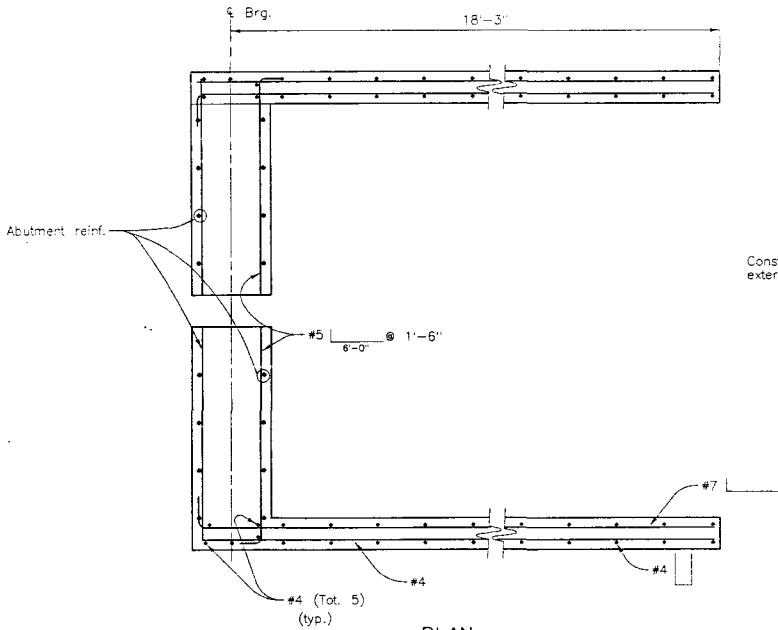
For bearing details see Dwg. No. 7
 Slab and portion above bearing seat
 are to be poured monolithically.
 For wingwall details see Dwg. No. B7

DIVISION OF HIGHWAYS			
ABUTMENT DETAILS			
DESIGNER	W. J. A.	STRUCTURE	A-24-AC
DETAILER	W. J. A.	NUMBERS	
DRAWING NUMBER B-6		OF 16 DRAWINGS	
REVISION DATES (PRELIMINARY STAGE ONLY)			

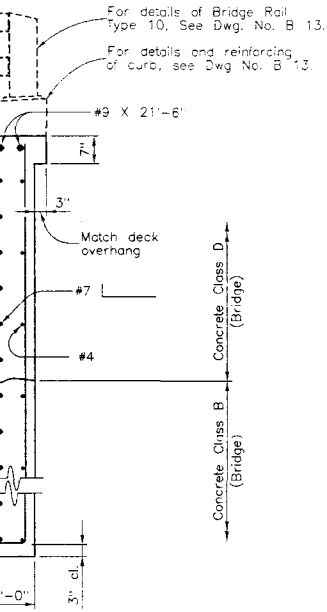
INITIAL	DATE	CHECKED BY	DATE	DESIGNED BY	DATE
J.A.A.	7/86	J.A.A.	10/86	J.A.A.	10/86
R.T.D.	10/86	R.T.D.	10/86	R.T.D.	10/86



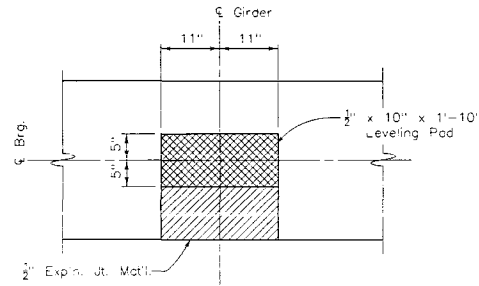
ELEVATION



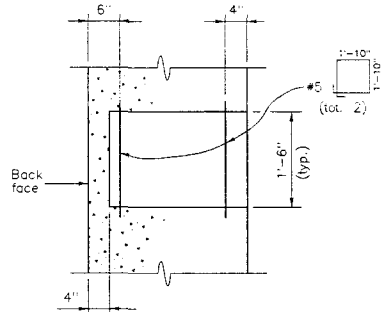
PLAN



TYPICAL SECTION



BEARING DETAIL



UTILITY BLOCKOUT DETAIL

DIVISION OF HIGHWAYS			
WINGWALL DETAILS			
Designer	L. Buitron	Structure	A-24-AD
Detailer	K. Hester	Numbers	
Drawing Number	B 7	of	16 Drawings

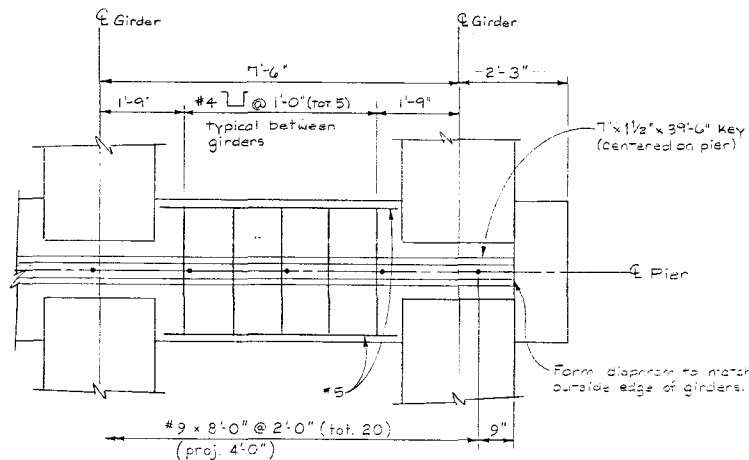
Revision	Dates	(Preliminary Stage Only)

AS CONSTRUCTED			
NO REVISIONS	23 MAY 90	REVISED	VOID

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NUMBER	SHEET NUMBER
33	COLORADO	CXBRF-CX(S)13-0113-05	23

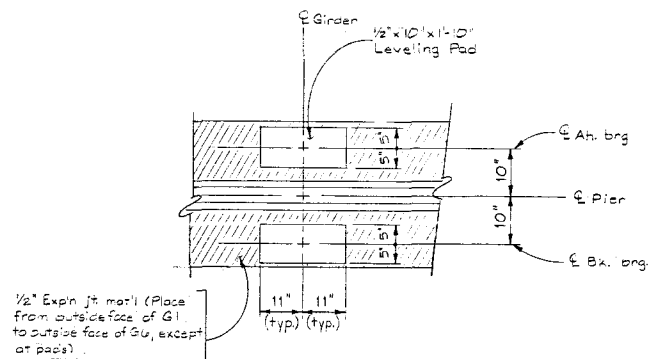
REVISIONS			

INITIAL	DATE	DESIGNED BY	CHECKED BY	DATE	QUANTITIES BY	CHECKED BY
K.D.H.	10/83	L.G.E.	S.H.A.	10/83	L.G.E.	S.H.A.



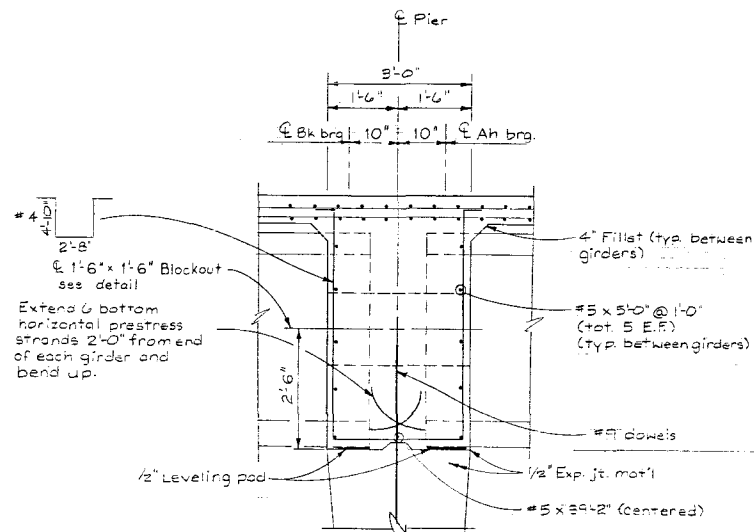
DIAPHRAM DETAILS

Diaphragm to be poured monolithically with slab

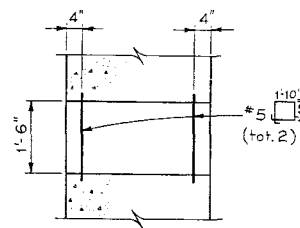


BEARING DETAIL

AS CONSTRUCTED		FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS								
NO REVISIONS	23 MAY 90	REVIS	VOID		25									
<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>							REVISIONS							
REVISIONS														



SECTION (DIAPHRAM)



UTILITY BLOCKOUT DETAIL

Centered between G1#G2 and G5#G6.
 Cut longitudinal reinforcing and move stirrups to clear.

Concrete Class B (Bridge)

DIVISION OF HIGHWAYS

SUPERSTRUCTURE DETAILS

DESIGNER	L. B. Trn	STRUCTURE	A-24-AO
DETAILER	L. B. Trn	NUMBERS	
DRAWING NUMBER	B 9	OF	16 DRAWINGS

REVISION DATES	(PRELIMINARY STAGE ONLY)

NO REVISIONS	23 MAY 90	REVISED	VOID
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FEDERAL ROAD REGION NO.	DIVISION	PROJECT NUMBER	SHEET NUMBER
12	COLORADO	CXBRF-CX(S)13-0113-05	28

REVISIONS	

B-618-DF

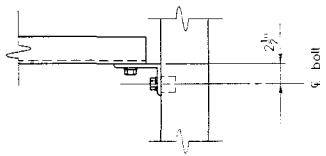
Notes

All diaphragm materials, including bolts, nuts, and washers shall be A-36 and galvanized after fabrication.

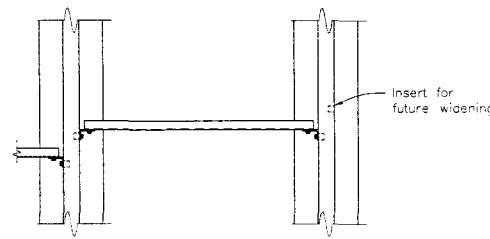
These steel diaphragms are an approved alternate for the concrete intermediate diaphragms shown on other sheets of these plans. If the Contractor chooses to use these steel diaphragms, the cost of the steel is assumed to be equal in value to the concrete, reinforcing, and other items that would be deleted and no pay adjustment will be made.

If the steel diaphragm alternate is used, two copies of shop drawings of the diaphragm details shall be submitted to the Engineer for information only.

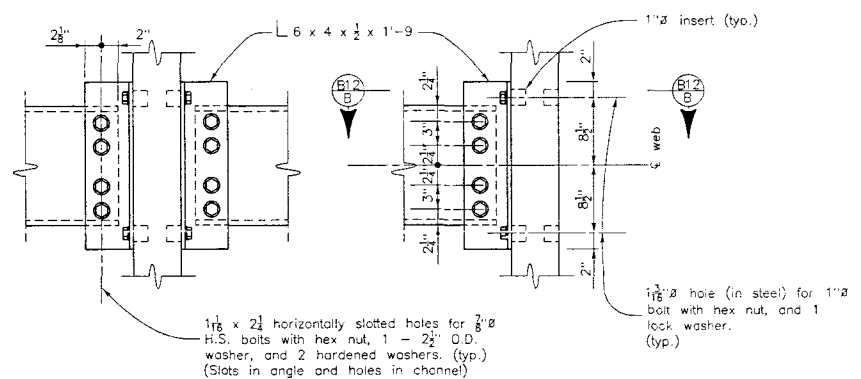
The 2 1/2" O.D. plain washers shall meet the dimensional requirements of A.N.S.I. B18.22.1, Type A plain washers.



SECTION B12/B

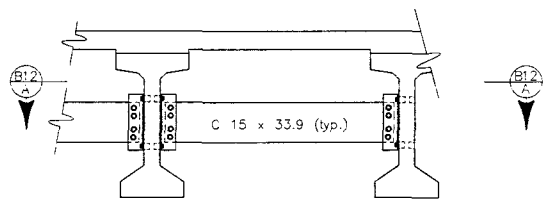


SECTION B12/A



INTERIOR GIRDER

EXTERIOR GIRDER



INTERMEDIATE DIAPHRAGM DETAILS

For location of diaphragms, see Construction Layout

DIVISION OF HIGHWAYS			
ALTERNATE DIAPHRAGM DETAILS			
Designer	L. Buitron	Structure	A-24-A0
Detailer	R. Dickey	Numbers	
Drawing Number	B 12	of	16 Drawings

Revision	Dates	(Preliminary Stage Only)

AS CONSTRUCTED
NO REVISIONS
REVISED 23 MAY 90
VOID

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NUMBER	SHEET NUMBER
III	COLORADO	C134F-CA(S)-0113-05	33

REVISIONS

GENERAL NOTES

ALL WORK SHALL BE DONE ACCORDING TO THE STANDARD SPECIFICATIONS OF THE DIVISION OF HIGHWAYS, STATE OF COLORADO, APPLICABLE TO THE PROJECT.

STRUCTURE EXCAVATION AND BACKFILL SHALL BE IN ACCORDANCE WITH DWG. NO. B 6

EXPANSION JOINT MATERIAL SHALL MEET AASHTO SPECIFICATION M-2'3.

GRADE 60 REINFORCING STEEL IS REQUIRED.

THE FOLLOWING TABLE GIVES THE MINIMUM LAP SPlice LENGTH FOR REINFORCING BARS:

BAR SIZE #4 #5 #6 #7 #8 #9 #10 #11

SPlice LENGTH FOR CLASS D CONCRETE 1'-3" 1'-7" 1'-10" 2'-3" 2'-11" 3'-7" 4'-9" 5'-10"

FINAL SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	TOTAL
202	REMOVAL OF BRIDGE	EACH	FINAL 1
206	STRUCTURE EXCAVATION	CU YD	890
206	STRUCTURE BACKFILL (CLASS 2)	CU YD	1380
206	FILTER MATERIAL (CLASS A)	CU YD	445
601	CONCRETE CLASS D (BOX CULVERT)	CU YD	217
602	REINFORCING STEEL	LB	23,900

See Form 304

CARRIED TO STRUCTURE QUANTITIES TABULATION

DESIGN DATA

CURRENT AASHTO SPECIFICATIONS, WORKING STRESS METHOD

LOADING DATA:

Live Load = AASHTO, HS 20-44 & interstate alternate.
Dead Load = Earth Load = 120 lbs./cu. ft.
Equivalent Fluid Pressure = 36 lbs./cu. ft.
Maximum Toe Pressure = 1 ton/sq. ft.

REINFORCED CONCRETE:

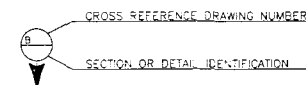
CLASS D CONCRETE: $f_c = 1,800$ psi, $n = 8$
REINFORCING STEEL: $f_s = 24,000$ psi

INDEX OF DRAWINGS

DWG. NO. B 1 GENERAL INFORMATION
SUMMARY OF QUANTITIES
DWG. NO. B 2 GENERAL LAYOUT
DWG. NO. B 3 ENGINEERING GEOLOGY
DWG. NO. B 4 SINGLE CONCRETE BOX CULVERT
DWG. NO. B 5 WINDOW WALL DETAILS
DWG. NO. B 6 EXCAVATION AND BACKFILL DETAILS

BRIDGE DESCRIPTION

1-cell (12'-0" x 8'-0") concrete box culvert.



Reviewed
BRIDGE ENGINEER DATE

DIVISION OF HIGHWAYS	
GENERAL INFORMATION SUMMARY OF QUANTITIES	
Station 573 + 83.00 Station	
Near Peetz Sec 31 T 11 N R 51 W	
Designer L. Butron	Structure
Detailer R. Dickey	Numbers
Drawing Number B 1 of 6 Drawings	

Revision Dates (Preliminary Stage Only)
12-87

f-BARS (Cont.)

SPAN	HEADWALL SKEW ANGLE		
S	90° to 75°	74° to 60°	59° to 45°
5' or 6'	#4	#5	#5
7' or 8'	#4	#5	#6
9' or 10'	#5	#6	#7
11' or 12'	#6	#7	#8
13' or 14'	#7	#8	#9

Six f-bars required for each headwall

HEADWALL & TOEWALL QUANTITIES

f-BAR SIZE	APPROX. QUANTS. FOR ONE HEADWALL & TOEWALL LBS. PER LINEAR FT.
4	13
5	15
6	18
7	21
8	25
9	29

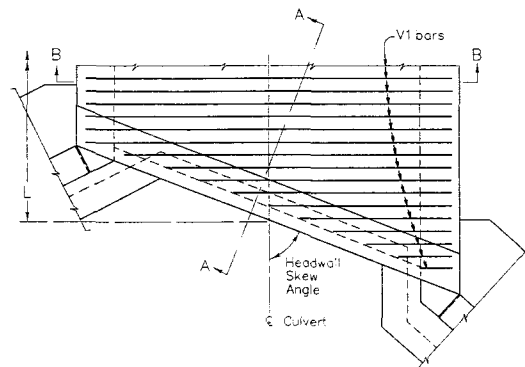
Concrete = 0.085 cu.yds. / lin.ft.

▲ Deduct 0.049 cu. yd. Concrete and 3.4 lb. Reinf. Steel from these quantities when Concrete Apron is specified.

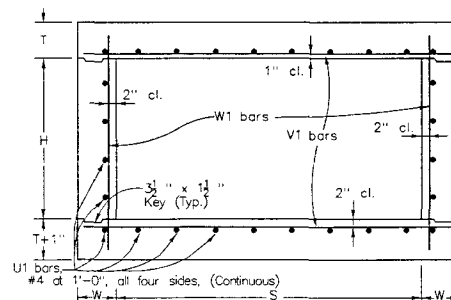
Includes all Headwall and Toewall reinforcing.

DIMENSIONS & QUANTITIES

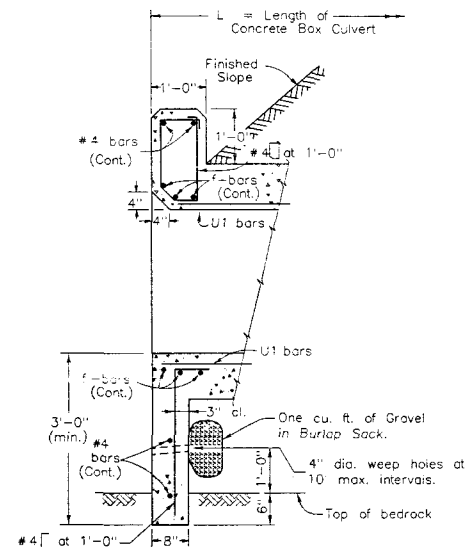
HEIGHT OF FILL ALLOWED	TYPE	SPAN	HEIGHT	SLAB	WALL	BAR SIZE & SPACING		No. Bars Req'd	QUANTITIES for One lin. ft. of Box			
						V1	W1		Size	Spa.	Size	Spa.
ft.		S	H	T	W	Size	Spa.	Size	Spa.	U1	cu.yds.	lbs.
10	12B	12'	8'	14"	12"	#8	6"	#7	12"	40	1.846	209.7



PLAN



SECTION B-B



SECTION A-A

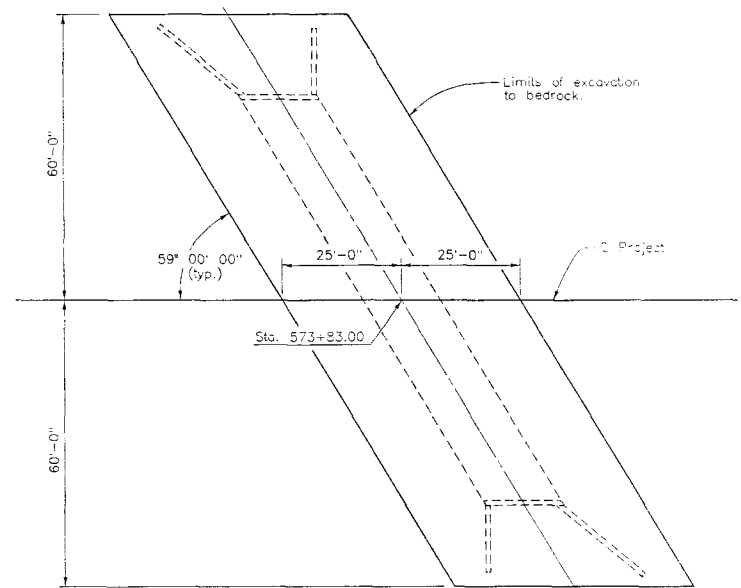
DIVISION OF HIGHWAYS

SINGLE CONCRETE BOX CULVERT

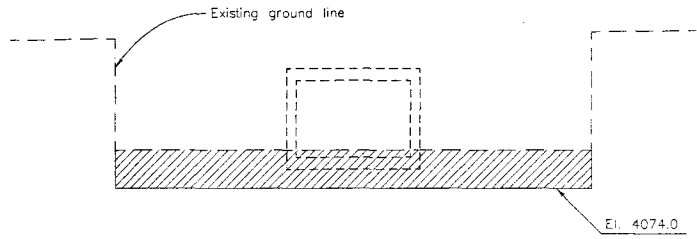
Designer	L. Buitron	Structure	
Detailer	R. Dickey	Numbers	
Drawing Number	B 4	of	6 Drawings

Revision Dates (Preliminary Stage Only)

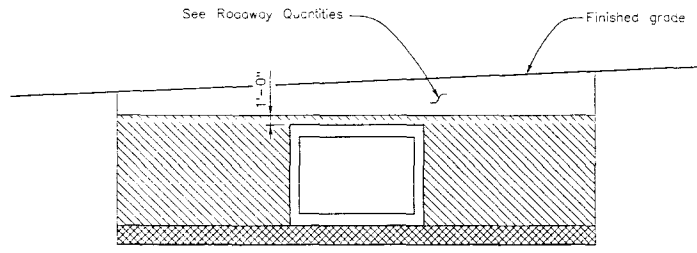
INITIAL	DATE	CHECKED BY	DATE
DESIGNED BY	7/88	CHECKED BY	10/88
DRAWN BY	11/88	APPROVED BY	11/88



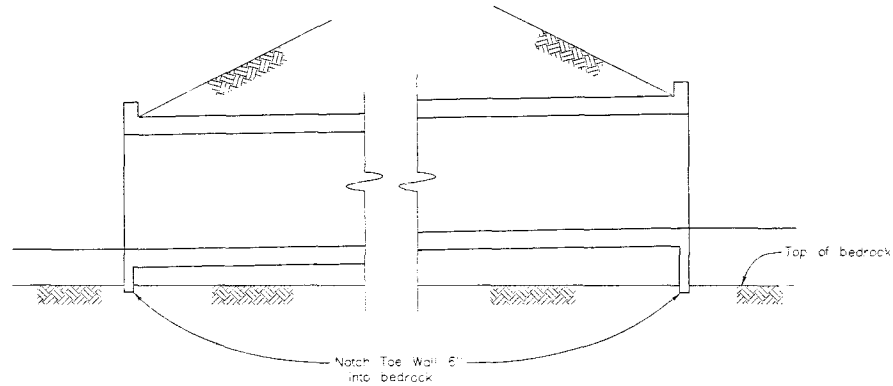
PLAN



EXCAVATION



BACKFILL



TOE WALL DETAIL

- Structure Excavation
- Filter Material (Class A)
- Structure Backfill (Class 2)

DIVISION OF HIGHWAYS			
EXCAVATION AND BACKFILL DETAILS			
Designer	L. Bultion	Structure	
Detailer	R. Dickey	Numbers	
Drawing Number	B 6	of	6 Drawings
Revision Dates (Preliminary Stage Only)			

AS CONSTRUCTED		FEDERAL ROAD REGION NO.	DIVISION	PROJECT NUMBER	SHEET NUMBER
NO REVISIONS	23 MAY 90	REVISED	COLORADO	CXBRF-CX(S)150113-05	38
REVISIONS					

AS CONSTRUCTED		
NO REVISIONS	23 MAY 90	REVISED
		VOID

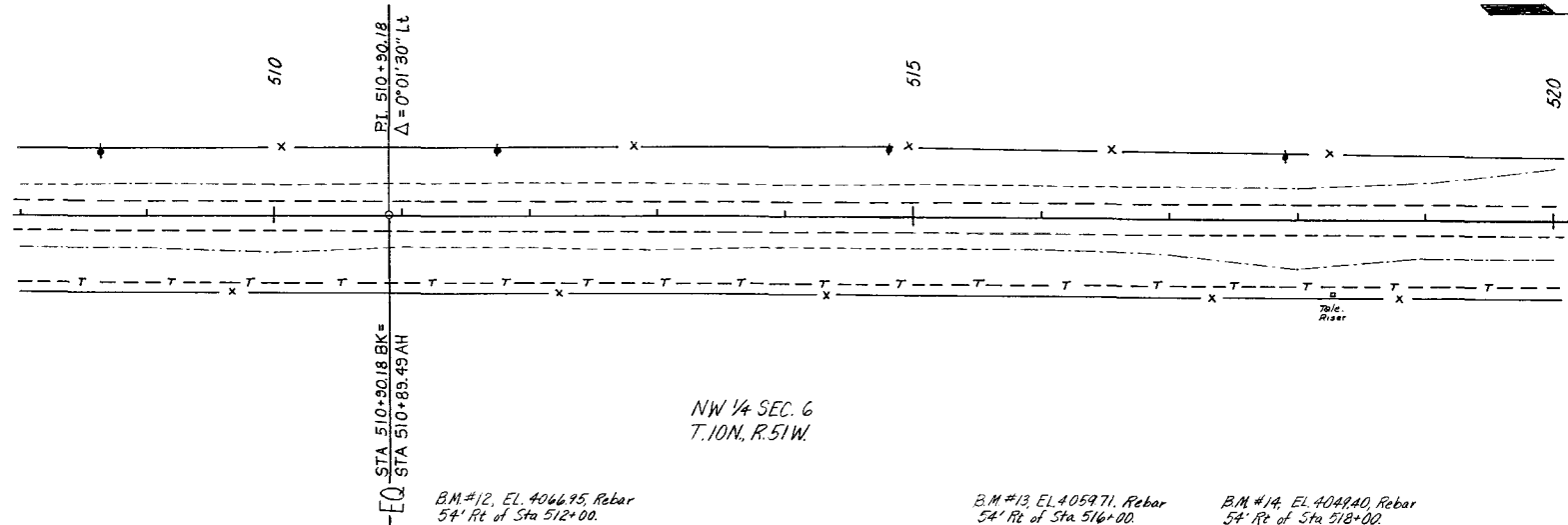
FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
VIII	COLO.	CXBRF-CX(S) 13-0113-05	42

PLAN	DATE	BY
DESIGNED		
ROUTED		
NOTED		
BY		

PROFILE	DATE	BY
DESIGNED		
ROUTED		
NOTED		
BY		

NE 1/4 SEC. 1
 T. 10N., R. 52W.

Original Scale 1" = 50'

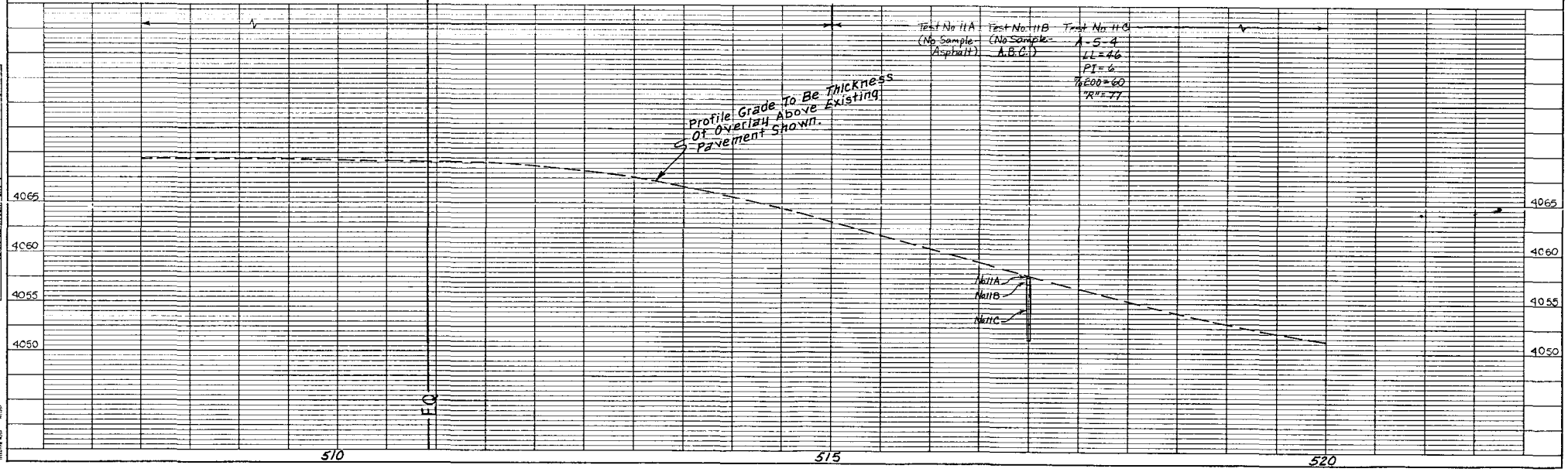


NW 1/4 SEC. 6
 T. 10N., R. 51W.

B.M. #12, EL. 4066.95, Rebar
 54' R/L of Sta 512+00.

B.M. #13, EL. 4059.71, Rebar
 54' R/L of Sta 516+00.

B.M. #14, EL. 4049.40, Rebar
 54' R/L of Sta 518+00.



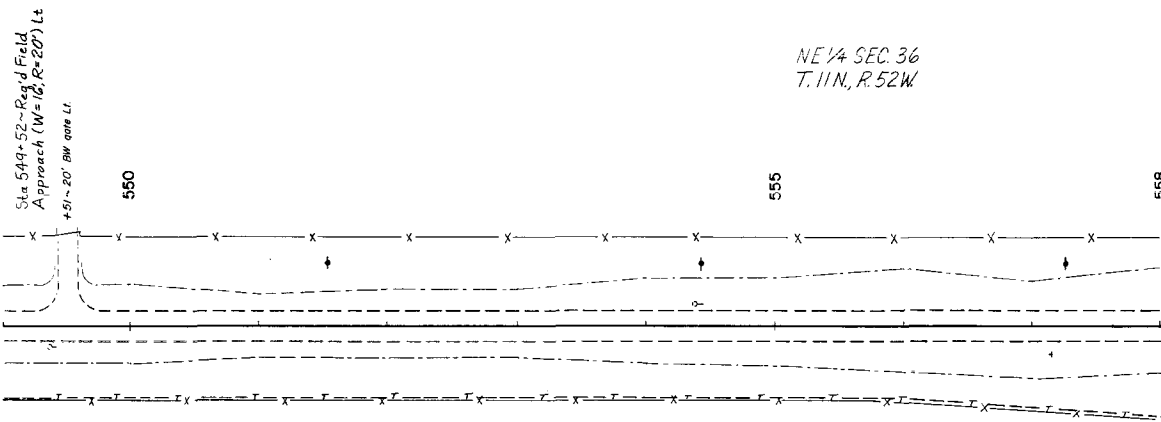
AS CONSTRUCTED		
NO REVISIONS	23 MAY 90	REVISED
		VOID

FED. RL REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	CXBRF-CX(S)13-113-05	45	

Original Scale 1"=50'



PLAN	DATE
BY	
REVIEWED	
PLotted	
NOTED	
NO	



NE 1/4 SEC. 36
T. 11N, R. 52W

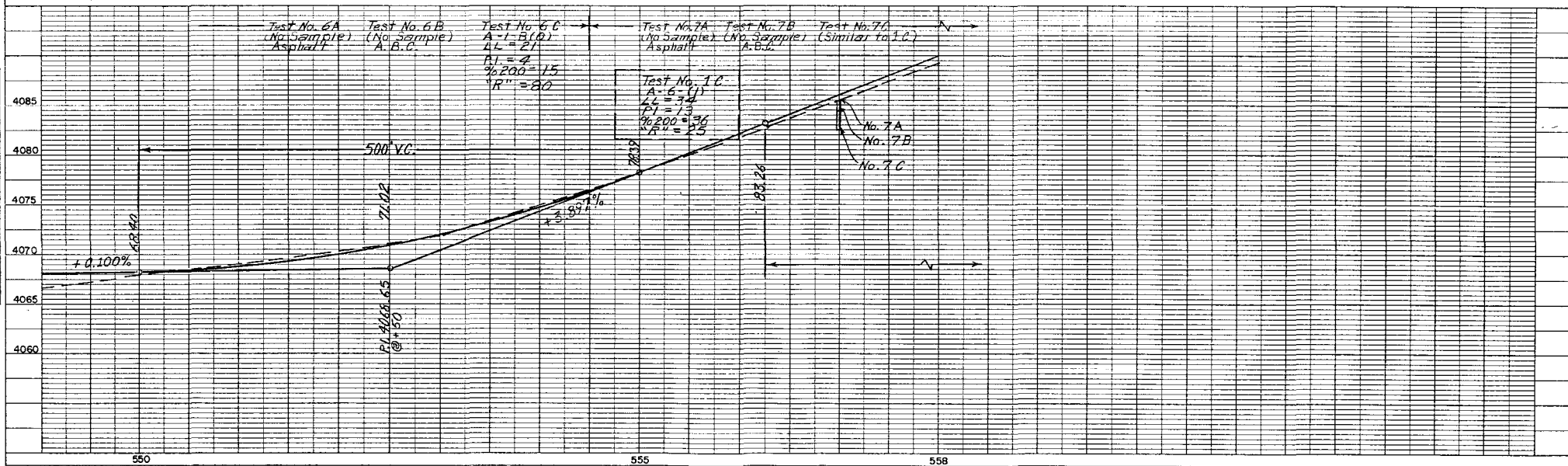
NW 1/4 SEC. 31
T. 11N, R. 51W

B.M. #20, EL. 4064.79, Rebar
54' Rt. of Sta. 550+00.

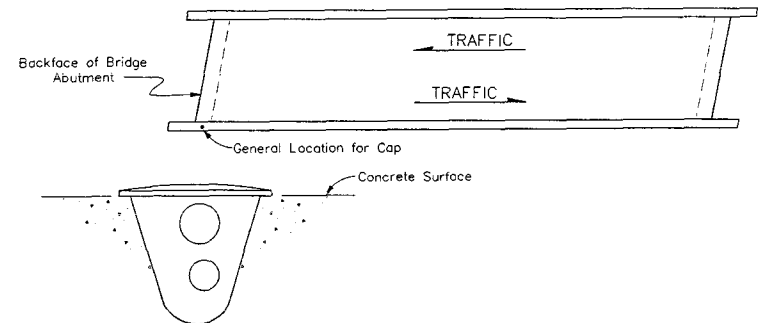
B.M. #21, EL. 4075.36, Rebar
40' Rt. of Sta. 555+00.

B.M. #22, EL. 4084.37, Rebar
60' Rt. of Sta. 557+00.

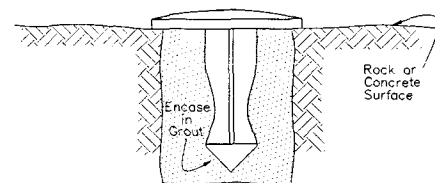
PROFILE	DATE
BY	
REVIEWED	
PLotted	
NOTED	
NO	



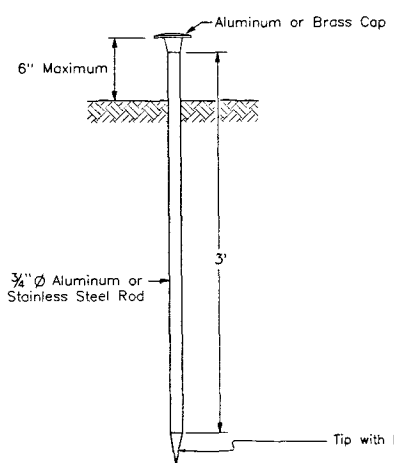
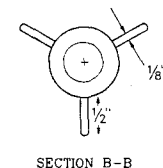
AS CONSTRUCTED			FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
NO REVISIONS	23 MAY 92	REVISED	VI	COLO.	CXRP-CX(S) 13 - 0113-05	51



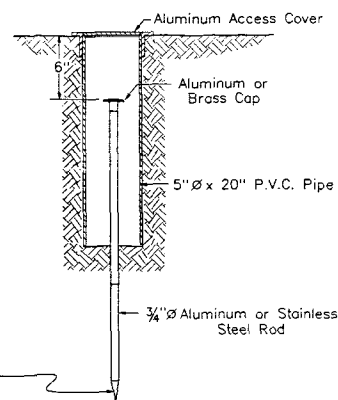
TYPE 4 MONUMENT



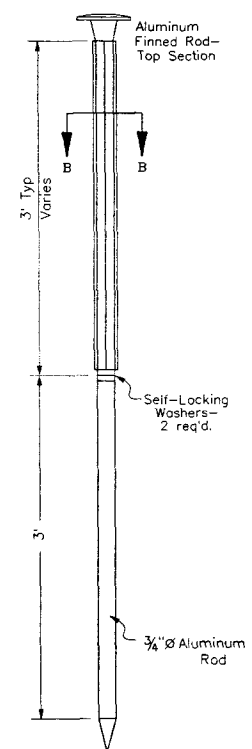
TYPE 5 MONUMENT



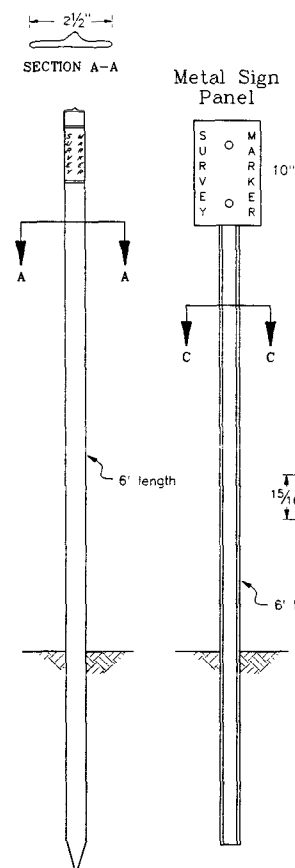
TYPE 1 MONUMENT



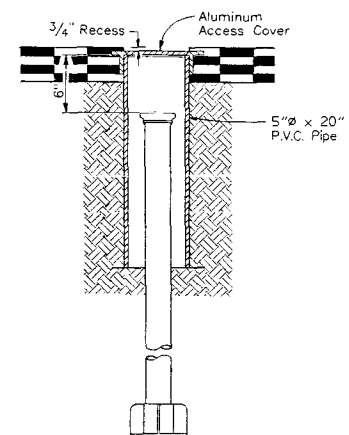
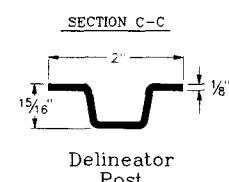
TYPE 1A MONUMENT & TYPE 2A MONUMENT
 Includes Monument Box



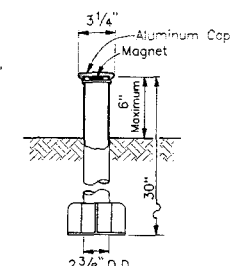
TYPE 2 MONUMENT



WITNESS POSTS



TYPE 3A MONUMENT,
 Roadway Installation



TYPE 3 MONUMENT

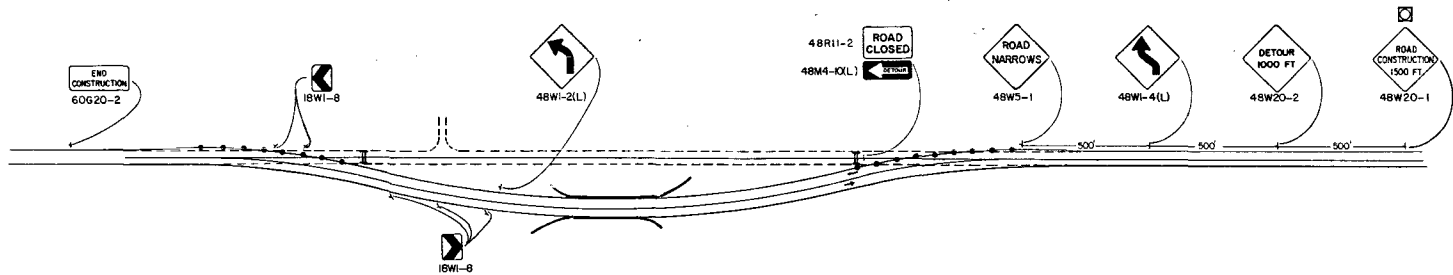
SURVEY
 MONUMENTS

03/27/89 21 11:31 UNCOMMONWEALTH OF MASSACHUSETTS DIVISION OF HIGHWAYS SURVEY 101 BRIDGE 4024

AS CONSTRUCTED		
NO REVISIONS	23 MAY 90	REVISED
		VOID

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	SHEET TOTALS
VIII	COLO.	CXBRF-CX(S)13-0113-05	54	

CONSTRUCTION TRAFFIC CONTROL TYPICAL DETOUR DETAIL



SIGN SEQUENCE IS
 THE SAME FOR
 OPPOSITE DIRECTION

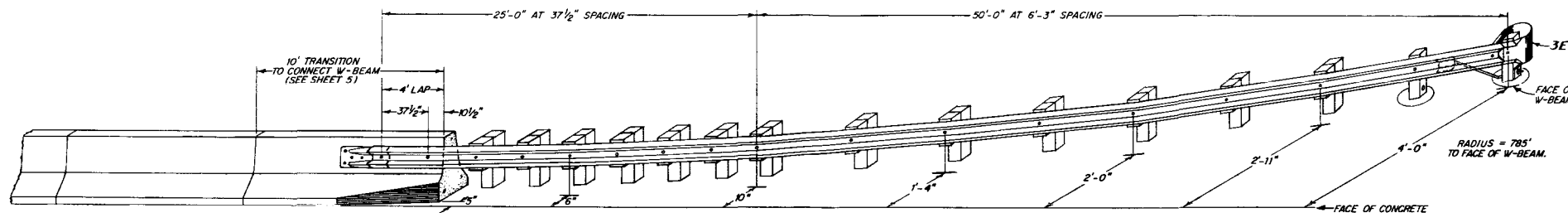
NOTE: BASED UPON SIGHT DISTANCE
 AND OTHER CONSIDERATIONS
 THE FINAL LOCATION OF THESE
 SIGNS IS SUBJECT TO THE
 APPROVAL OF THE PROJECT
 ENGINEER

- BARRICADE (SM-C)(TEMP)
- CONCRETE BARRIER (TEMP)
- DRUM CHANNELIZING DEVICE
- ☐ FLASHING BEACON (PORTABLE)

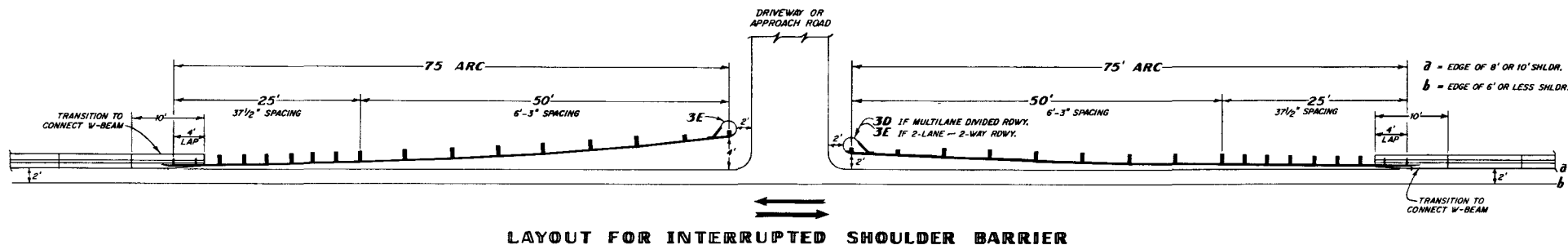
STANDARD M - 606 - 12

(SHEET 6)

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO			
REVISIONS				



CONCRETE BARRIER WITH TYPE 3 FLARE



LAYOUT FOR INTERRUPTED SHOULDER BARRIER

STATE DEPARTMENT OF HIGHWAYS DIVISION OF HIGHWAYS STATE OF COLORADO	
GUARD RAIL - TYPE 4 CONCRETE BARRIER	
APPROVED BY: K. C. WEAVER STAFF DESIGN ENGINEER DATE FEBRUARY 18, 1983	STANDARD PLAN NO. M-606-12 SHEET 6 OF 9

