

STATE DEPARTMENT OF HIGHWAYS DIVISION OF HIGHWAYS - STATE OF COLORADO

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. BRS 0266(3) STATE HIGHWAY NO. 266 OTERO COUNTY

FED. ROAD REGION	DIVISION	PROJECT NUMBER	SHEET NUMBER
XIII	COLO.	BRS 0266(3)	1
AS CONSTRUCTED			
NO REVISIONS	REVISED	VOID	
REVISIONS			

SCALES OF ORIGINAL DRAWINGS
ON PLAN, 1 IN. = 50 FT.
ON PROFILE { 1 IN. = 50 FT. HORIZONTAL
 1 IN. = 10 FT. VERTICAL

STA. 242+12.97 BEGIN BRS 0266(3) STA. 243+36.93 END BRS 0266(3)
= 242+12.47 ON S 0172(1) = 243+36.93 ON S 0172(1)
= M.P. 4.86 = M.P. 4.88

TABULATION OF LENGTH

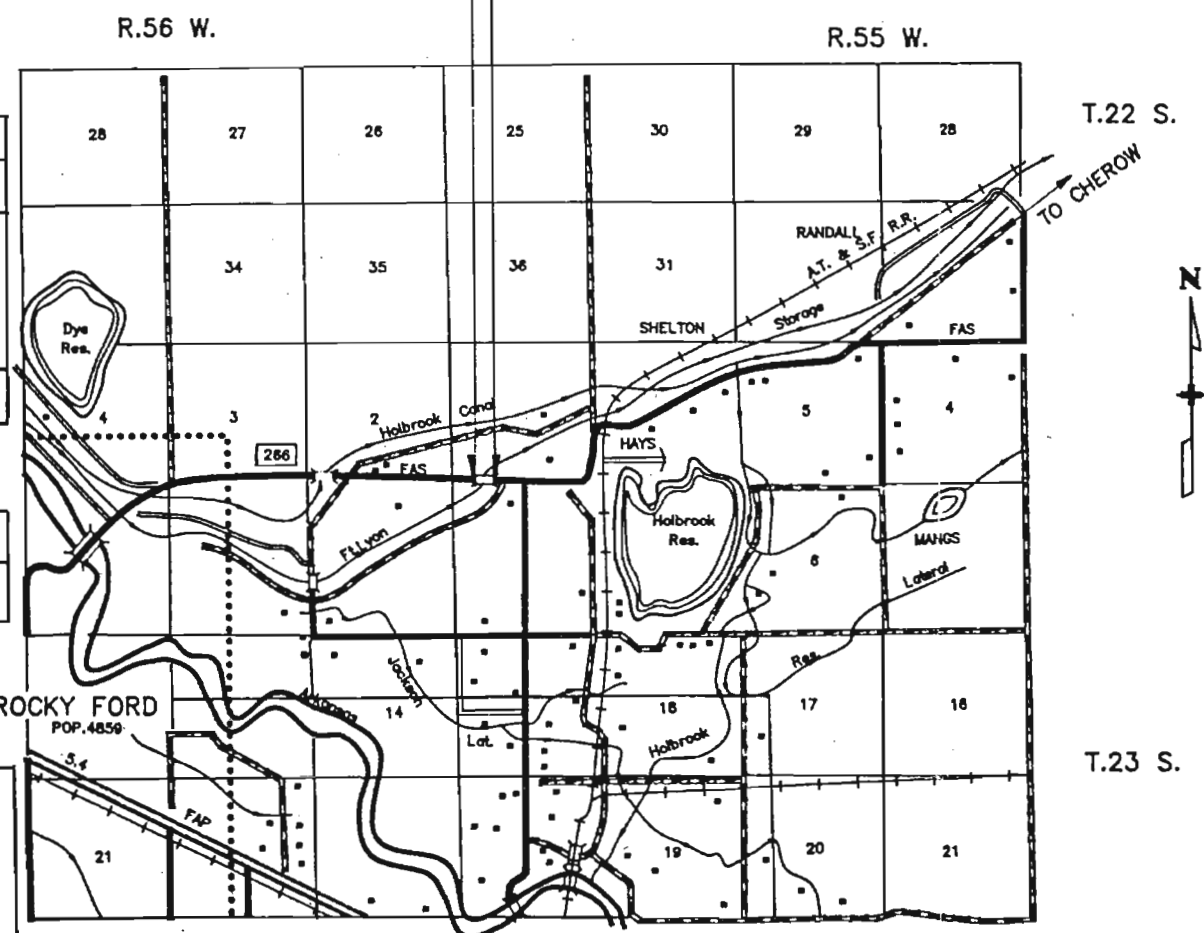
STATION	STR. L-22-BB LIN. FT.
242+12.97 Begin BRS 0266(3)= M.P. 4.86	124.0
243+36.93 End BRS 0266(3)= M.P. 4.88	
Total	124.0

SUMMARY

	LIN. FT.	MILES
Net and Gross Length	124.0	0.023

DESIGN DATA

MAX. DEGREE OF CURVE	N/A
MAX. GRADE	1.54%
MIN. S.S.D.	HORIZ. > 750' VERT. > 750'
MAX. DESIGN SPEED	30 MPH
2005 DESIGN TRAFFIC VOLUME	ADT = 726 DHV = 87 % TRUCKS = 6%



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	Title Sheet, Tabulation of Length, Project Location Map and Index of Sheets
2	Standard Plans List
3	Typical Sections and General Notes
4-5	Summary of Approximate Quantities
6	Plan and Profile Sheet - Detour
7	Plan and Profile Sheet - Mainline

FIELD INSPECTION
JUN 11 1986
ROADWAY PLANS

DIVISION OF HIGHWAYS

APPROVED: _____

CHIEF ENGINEER DATE

AS CONSTRUCTED INFORMATION

CONTRACTOR _____

ENGINEER _____
(Project or Resident)

PROJECT STARTED _____

PROJECT COMPLETED _____

AS CONSTRUCTED PLANS APPROVED _____

TITLE DATE

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____

DATE

DIVISION ADMINISTRATOR

00762 05/19/86 17:02:30 [DRAW.PJ.86]15.ROMY.H.09.TITLE] BRSTITLE

AS CONSTRUCTED		
NO. REVISIONS	REVISED	VOID

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	BRS 0266(3)	2	

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<input checked="" type="checkbox"/> M-203-1	APPROACH ROADS, FLARING, CUT SLOPE TREATMENT, BRIDGE & CREST WIDENING	3
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<input type="checkbox"/> M-203-11	SUPERELEVATION OF CURVES - DIVIDED HIGHWAYS - SHOULDER PIVOT	6
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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

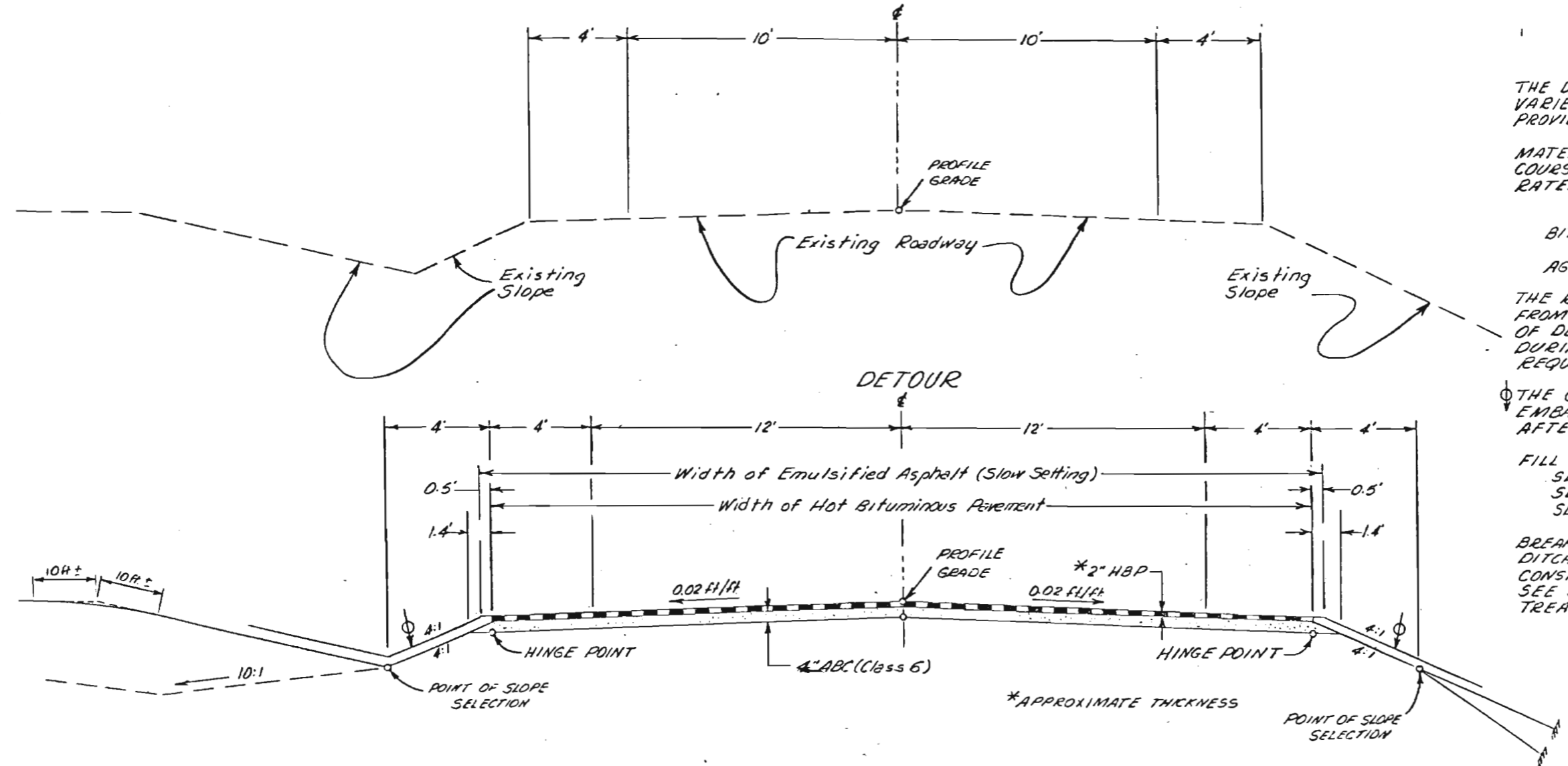
STANDARD PLANS LIST

M & S STANDARDS - JANUARY, 1982

TYPICAL SECTIONS
 MAINLINE

AS CONSTRUCTED		
NO REVISIONS	REVISED	VOID

FED. ROAD REGION	DMSION	PROJ. NO.	SHEET NO.	SHEET TOTALS
VIII	COLO.	BRS 0266 (3)	3	



TYPICAL SECTION NOTES

THE DEPTH AND WIDTH OF SIDE DITCH SHALL BE VARIED WHERE NECESSARY IN ORDER TO PROVIDE PROPER DRAINAGE.

MATERIAL SHALL BE PLACED IN SEPARATE COURSES AT THE FOLLOWING APPROXIMATE RATES PER 100 LIN. FT OF ROADWAY:

- DETOUR**
- BITUMINOUS PAVEMENT-2" TOP LAYER 40 TONS
 - AGGREGATE BASE COURSE (CLASS 6)-4" 75 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.

THE CONTRACTOR WILL BE REQUIRED TO PLACE EMBANKMENT MATERIAL TO THIS LINE AFTER COMPLETION OF PAVING OPERATION.

- FILL SLOPES:
- SLOPE 4:1 WHERE "H" IS LESS THAN 10'
 - SLOPE 3:1 WHERE "H" IS OVER 10'
 - SLOPE 2:1 IN CANAL.

BREAK POINTS ON SLOPES AND IN BOTTOM OF DITCHES SHALL BE ROUNDED DURING CONSTRUCTION FOR A PLEASING APPEARANCE. SEE STANDARDS FOR DETAIL OF CUT SLOPE TREATMENT, FLARING, AND WIDENING.

GENERAL NOTES

For preliminary plan quantities of Bituminous Materials, the following rates of application were used:

Tack Coat (Slow-Setting).....	0.1 Gals./Sq.Yd.
Bituminous Pavement.....	110 Lbs. per/Sq.Yd./Inch
Aggregate Base Course.....	133 Lbs. per Cu.Ft.

Diluted Emulsified Asphalt for Tack Coat shall consist of 1 part Emulsified Asphalt and 1 part water or as directed by the Engineer.

Water shall be used as a dust palliative where required. Locations shall be as ordered.

The following shall be furnished with each bituminous paver.

1. A ski type device at least 30 feet in length.
2. Short ski or shoe.

Any layer of bituminous pavement that is to have a succeeding layer placed thereon shall be completed full width before succeeding layer is placed.

Road approaches which require bituminous pavement shall be primed and a 2" thickness of pavement (and a 4" thickness of ABC) placed as follows:

Public approaches and entrances to buildings or residences shall be paved 50 feet out from edge of shoulder or to the right of way line, whichever is less. Field entrances shall be paved 10 feet out from edge of shoulder.

Full depth of all embankments.
 * Bases of cuts and fills 0.5 foot.

Excavation required for connection of bases of cuts and fills will be considered as subsidiary to that operation and will not be paid for separately.

Type of construction for this project will be RASPH 1-99.

Final signing and staking will be done by State forces at no cost to the contractor.

AS CONSTRUCTED			FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
NO REVISIONS	REVISED	VOID	VIII	COLO.	BRS 0266(3)	6

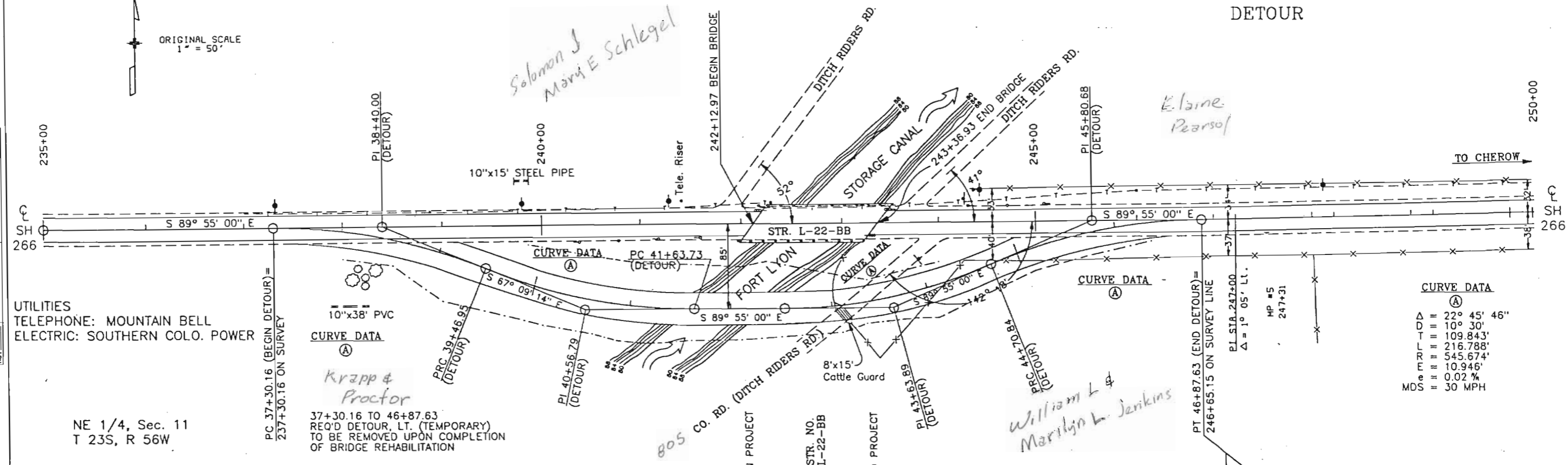
SE 1/4, Sec. 2
 T 23S, R 56W



ORIGINAL SCALE
 1" = 50'

DETOUR

PLAN	DATE	BY
BARVEYED		
PLOTTED		
CHECKED		
NOTE BOOK		
PT. OF WAY CHECKED		



UTILITIES
 TELEPHONE: MOUNTAIN BELL
 ELECTRIC: SOUTHERN COLO. POWER

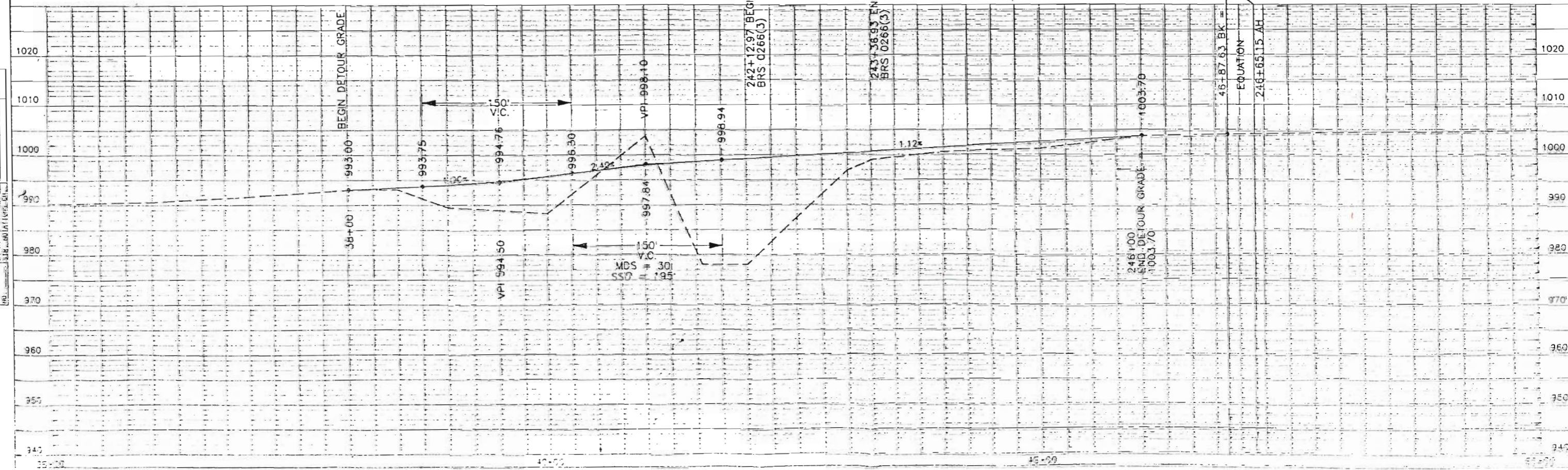
10"x38" PVC
 CURVE DATA
 (A)
 Krapp & Proctor

CURVE DATA
 (A)
 Δ = 22° 45' 46"
 OD = 10' 30"
 T = 109.843'
 R = 216.788'
 E = 545.674'
 e = 10.946'
 MDS = 30 MPH

NE 1/4, Sec. 11
 T 23S, R 56W

37+30.16 TO 46+87.63
 REQ'D DETOUR, LT. (TEMPORARY)
 TO BE REMOVED UPON COMPLETION
 OF BRIDGE REHABILITATION

PROJ. FILE	DATE	BY
05-25/86	22:15:33	
05-25/86	22:15:33	
05-25/86	22:15:33	
05-25/86	22:15:33	



SE 1/4, Sec. 2
 T 23S, R 56W

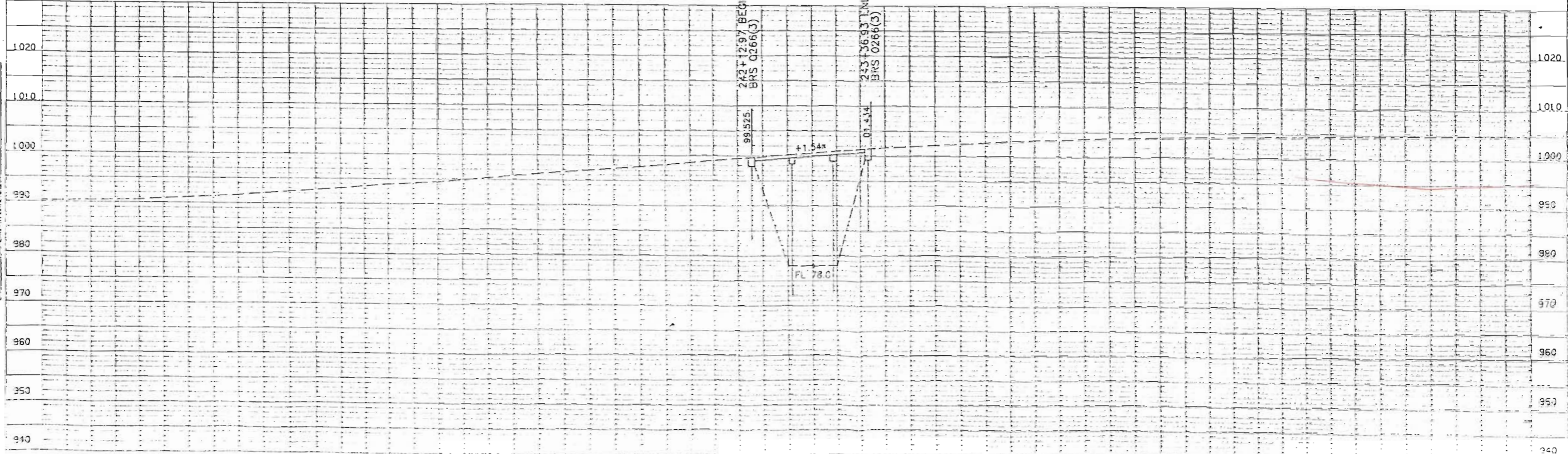
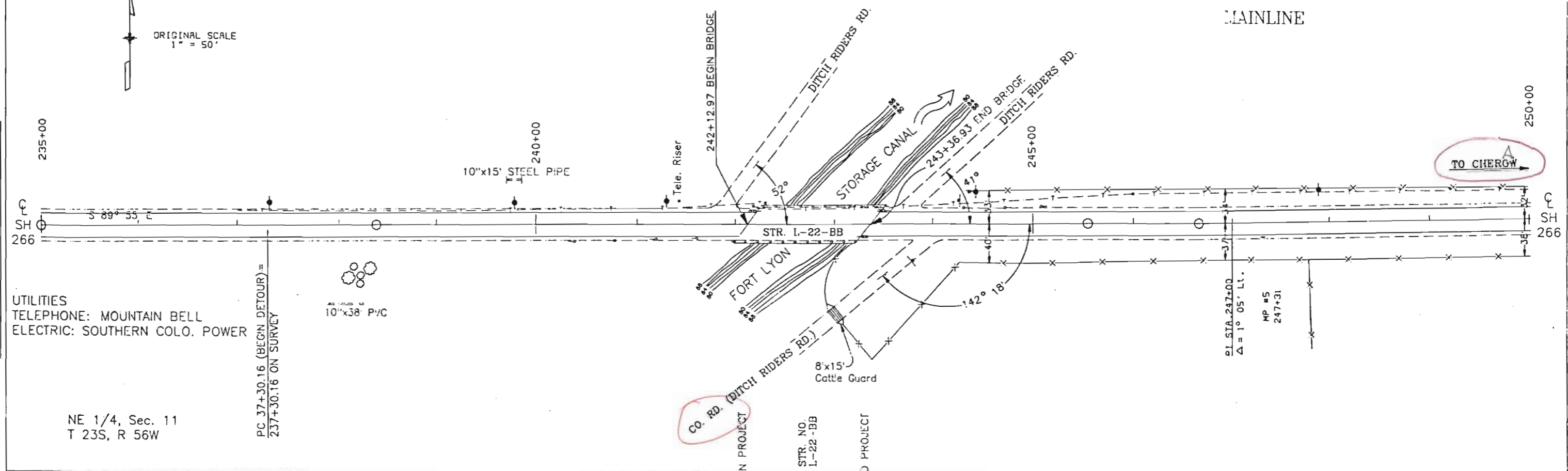
ORIGINAL SCALE
 1" = 50'



AS CONSTRUCTED		
NO REVISIONS	REVISED	VOID

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
VIII	COLO.	BRS 0266(3)	7

PLAN	DATE
BY	
REVISIONS	
NO.	



UTILITIES
 TELEPHONE: MOUNTAIN BELL
 ELECTRIC: SOUTHERN COLO. POWER

NE 1/4, Sec. 11
 T 23S, R 56W

PC 37+30.16 (BEGN. DETOUR) =
 237+30.16 ON SURVEY

10"x38" PVC

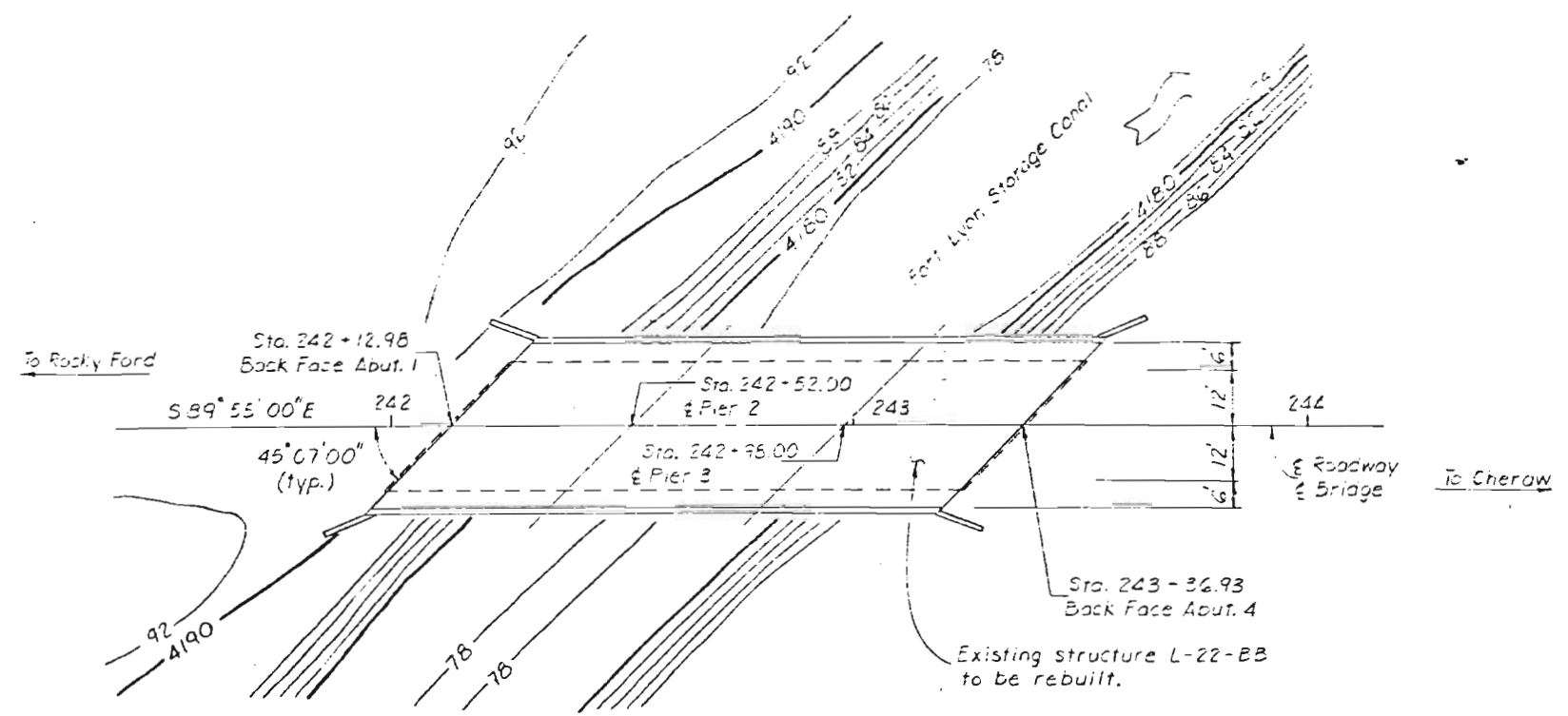
PROFILE	DATE
BY	
REVISIONS	
NO.	

DATE: 11-25-95
 DRAWN BY: TCF
 CHECKED BY: TCF

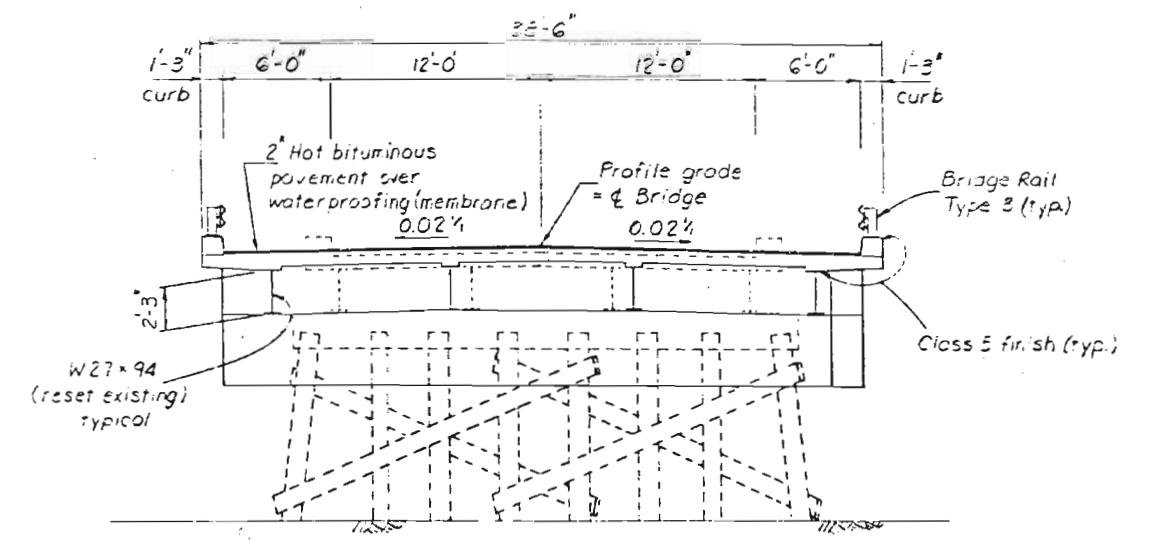
AS CONSTRUCTOR		
NO. REVISIONS	REVISED	VOID

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLO.	SPS 0226(3)		

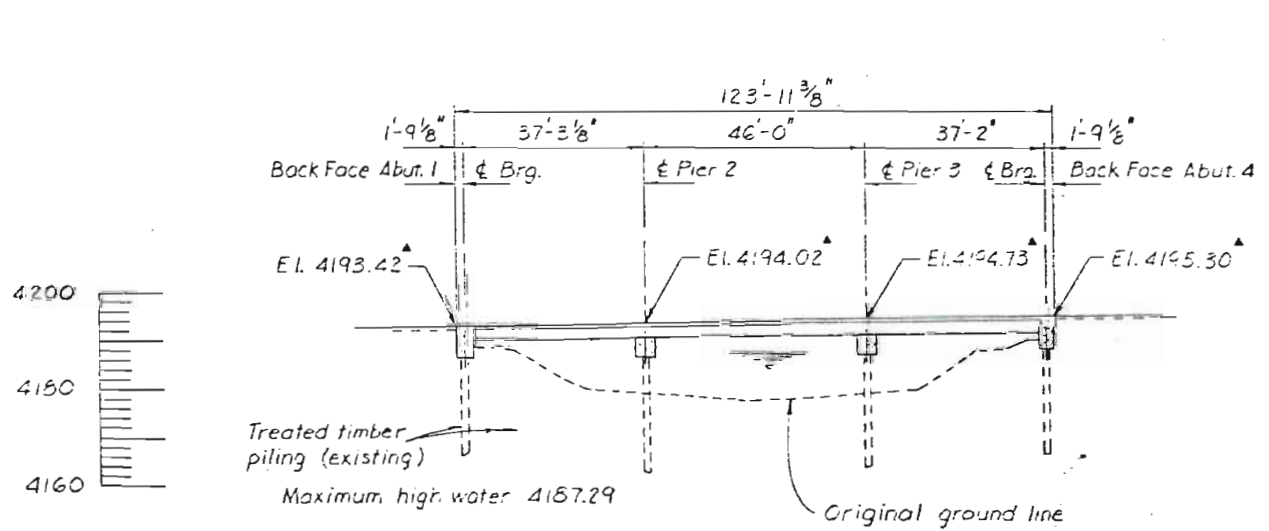
REVISIONS	



PLAN

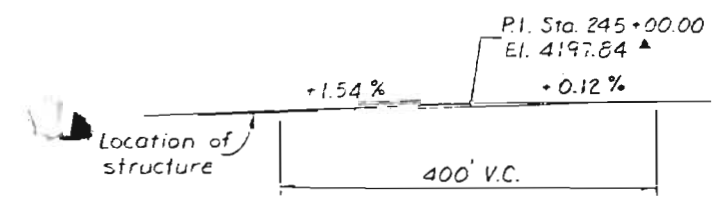


TYPICAL SECTION



SECTION

Taken at & Bridge
 Finished roadway elevations



PROFILE GRADE

Live loading: HS 20-44 and Interstate Alternate

DIVISION OF HIGHWAYS	
GENERAL LAYOUT	
DESIGNER T. Fischer	STRUCTURE NUMBERS L-22-BB
DETAILER T. Fischer	
DRAWING NUMBER B	OF DRAWINGS

DESIGNED BY	DATE	CHECKED BY
T.C.F.	11-25-95	T.C.F.
CHECKED BY		APPROVED BY
T.C.F.		

MEMORANDUM

DEPARTMENT OF HIGHWAYS

4201 East Arkansas Ave.
Denver, Colorado 80222



BRS 0266(3)
4.9 Mi. E. of SH 50
(Ft. Lyon Storage Canal)

DATE: May 27, 1986
TO: Bill Vidal, District 2
FROM: *Philip Lawrence for*
Russ Mayer, Staff Design
SUBJECT: Field Inspection Review (FIR)



We are furnishing you and those named below, prints of advance plans for this project. These prints are being transmitted for information and review. Pertinent recommendations are invited prior to completion of plans by the Design Section.

The FIR will be held on June 11, 1986, at 10:00 a.m., at the project site.

Thank you.

PDL/rml

Encl. - 1 set

W/O*

cc: Anders, District 2
McDonnall, District 2
Brown, District 2
Miller, District 2
Gonser, District 2
Droge, District 2
H. Johnson, Staff Design
Benbow, District 2
G. Johnson/Easley, Staff Design
*Annand, District 2
Mayer/Lawrence, Staff Design
Henson, Staff Bridge
Tapp, Staff Materials
*Bemelen/McEahern, Staff Traffic

6-4-86
TD: Bill W
for your use
at FIR - see
Note on sheet 6

Alan
File
Thanks
Stu

0152V

Special Provisions
Work Sheet No. 100-1
Index-Fed. Aid Projects
Oct., 1984

_____ Date

STATE DEPARTMENT OF HIGHWAYS
DIVISION OF HIGHWAYS - STATE OF COLORADO
SPECIAL PROVISIONS
COLORADO PROJECT NO: BRS 0266(3)

The following Special Provisions take precedence over Standard Specifications, Supplemental Specifications and Plans, and modify or supplement the Standard Specifications for Road and Bridge Construction, dated 1981, which is used to control construction of this project.

REQUIRED PROVISIONS ON FEDERAL-AID CONTRACTS - Form PR-1273 Rev. 9/75 and Addendum.

REQUIRED ON ALL CONTRACTS - Supplemental Specifications, dated October 1, 1984

PROJECT SPECIAL PROVISIONS

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Notice to Bidders	() 10
Commencement and Completion of Work	() 11
<u>REVISION OF SECTION 102 - PROTECT EXANS AND OTHER DATA</u>	<u>12</u>
<u>CONTRACT GOALS</u>	<u>13</u>
<u>REVISION OF SECTION 304 - AGGREGATE BASE COURSE</u>	<u>14</u>
<u>REVISION OF SECTION 403 - HOT BITUMINOUS PAVEMENT</u>	<u>15</u>
<u>REVISION OF SECTION 403 - HOT BITUMINOUS PAVEMENT</u>	<u>16</u>
<u>FORCE ACCOUNT ITEMS</u>	<u>17</u>

(continued)

COLORADO PROJECT NO. BRS 0266(3)

LIST OF STANDARD SPECIAL PROVISIONS
 NUMBERED ITEMS

O118V -1- May 6, 1986

ITEM	DATE	NO. OF PAGES
Revision of Section 102-Prequalification of Bidders	June 13, 1983	1
Revision of Section 102-Material Guaranty	March 22, 1984	1
Revision of Section 103-Colorado Resident Bid Preference	Sept. 13, 1985	1
Revision of Sections 103 and 107-Consideration of Proposals	June 13, 1985	2
Revision of Section 104-Scope of Work	Aug. 21, 1985	1
Revision of Section 105-Conformity with Plans and Specifications	March 10, 1984	1
Revision of Section 105-Construction Stakes, Lines and Grades	Aug. 1, 1985	1
Revision of Sections 105 and 109-Load Restrictions and Weighing Materials	Dec. 12, 1983	2
Revision of Section 108-Subletting of Contract	Sept. 23, 1983	1
Revision of Section 108-Termination of Contract	April 1, 1985	1
Revision of Section 109-Measurement and Payment	Aug. 2, 1985	1
Revision of Section 109-Payment for Stockpiled Material	Aug. 23, 1985	1
Revision of Section 202-Removal of Portions of Present Structure (Bridge Deck Rehabilitation)	Sept. 7, 1983	4
Revision of Section 203-Excavation and Embankment Measurement	March 10, 1984	1
Revision of Sections 212 and 213-Seeding, Sodding and Mulching	Aug. 6, 1985	2
Revision of Section 214-Planting	Aug. 9, 1983	1
Revision of Section 217-Herbicide Treatment	Dec. 20, 1984	1
Revision of Section 304-Stockpile Aggregate Base Course	July 1, 1981	1
Revision of Section 401-Plant Mix Pavements-General	Aug. 20, 1985	6
Revision of Sections 407, 411 and 702-Asphalt Cement (Scrap Rubber)(Crack Filler)	April 1, 1982	1
Revision of Section 412-Concrete Pavement Consolidation	Aug. 26, 1985	1
Revision of Sections 412 and 601-Concrete (Batching)	Feb. 7, 1986	1

LIST OF STANDARD SPECIAL PROVISIONS
NUMBERED ITEMS

-2-

May 6, 1986

ITEM	DATE	NO. OF PAGES
Revision of Section 502-Piling	Dec. 21, 1982	1
Revision of Section 509-Steel Structures	July 1, 1983	2
Revision of Section 509-Steel Structure Connections	Jan. 6, 1984	2
Revision of Section 512-Bearing Device	Dec. 27, 1984	1
Revision of Section 515-Waterproofing Membrane	March 27, 1985	2
Revision of Section 601-Structural Concrete	Nov. 7, 1985	5
Revision of Section 601-Class 5 Finish	Sept. 9, 1985	1
Revision of Section 603-Reinforced Concrete Pipe (Jacked)	July 1, 1981	1
Revision of Section 607-Right of Way Fence	July 1, 1981	1
Revision of Section 607-Fences-Fence Wood Sound Barrier	July 1, 1981	1
Revision of Section 607-Fences (Foundation Concrete)	Jan. 30, 1984	1
Revision of Sections 607 and 710-Fence Post Treatment	Dec. 19, 1984	1
Revision of Section 608-Bituminous Bikeway	July 1, 1981	1
Revision of Section 608-Concrete Bikeway	May 10, 1982	1
Revision of Section 613-Lighting (P.S. Co.)	Aug. 30, 1983	1
Revision of Section 614-Construction Zone Traffic Control Devices	Dec. 15, 1983	4
Revision of Section 620-Field Facilities	July 1, 1981	2
Revision of Section 620-Field Facilities	June 1, 1982	1
Section 624-Corrosion Resistant Culverts	March 21, 1983	2
Section 625-Construction Surveying	Oct. 17, 1984	2
Revision of Section 701-Hydraulic Cement (Specifications)	Feb. 5, 1986	1
Revision of Section 701-Hydraulic Cement	Feb. 6, 1986	1

-continued-

LIST OF STANDARD SPECIAL PROVISIONS
NUMBERED ITEMS

-3-

May 6, 1986

ITEM	DATE	NO. OF PAGES
Revision of Section 702-Liquid Asphaltic Material (RC-800)(Rubberized)	Sept. 10, 1985	1
Revision of Section 702-Liquid Asphaltic Material (RC-3000)(Rubberized)	April 20, 1983	1
Revision of Section 702-Asphalt Cement (AC-20)(Rubberized)	April 21, 1983	1
Revision of Section 702-Emulsified Asphalt (Cationic Rubberized)	April 22, 1983	1
Revision of Section 702-Bituminous Materials	March 27, 1985	1
Revision of Section 703-Fine Aggregate for Concrete (Districts 1 and 2)	July 1, 1981	1
Revision of Section 703-Aggregates for Concrete	Jan. 18, 1984	1
Revision of Section 703-Aggregate for Hot Plant Mix Bituminous Pavement	March 27, 1985	1
Revision of Section 707-Coupling Bands	March 29, 1985	1
Revision of Section 708-Paints	Feb. 15, 1984	1
Revision of Section 716-Welded Steel Pipe	July 1, 1983	2

-continued-

LIST OF STANDARD SPECIAL PROVISIONS
ALPHABETICAL

-4-

May 6, 1986

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Affirmative Action Requirements-Equal Employment Opportunity	Dec. 18, 1981	7
Errata to the 1981 Standard Specifications	Sept. 1, 1983	1
Incentive Bonus For MBE Subcontract Work	July 29, 1985	1
Minimum Wages Colorado, U.S. Dept. of Labor Decision No. C086-1 Mod. 6, Heavy and Highway Construction, Statewide	May 6, 1986	9
Minority Business Enterprise Definitions and Requirements	July 29, 1985	9
Miscellaneous Contract Requirements	Nov. 8, 1985	1
On-The-Job Training	Sept. 1, 1982	2
Railroad Insurance	Oct. 22, 1982	1
Special Notice to Contractors	April 20, 1983	2

SUPPLEMENTAL SPECIFICATIONS

OCT. 1, 1984 10

.0194V
Special Provisions
Work Sheet No. 102-1
Notice to Bidders
April, 1984

_____ Date

NOTICE TO BIDDERS

COLORADO PROJECT NO. BRS 0266(3)

The proposal guaranty shall be a certified check, cashier's check or bid bond in the amount of 5% of the Contractor's total bid.

It is recommended that bidders on this project go over the plan details with one of the following field representatives of the Division:

Construction Engineer - VIC ANDERS
905 ERIE AVENUE, DUEBLO, CO 81002
Office Phone: 544-6286

Resident Engineer - BRUCE McDONNALL
Lamar, Colorado
Office Phone: 336-3228
Home Phone: 336-2053

Prospective bidders shall contact one of the above engineers at least 12 hours in advance of the time they wish to go over the project in order that the engineer may efficiently schedule his work.

0195V

Special Provisions

Work Sheet No. 108-1

Commencement and Completion of Work

April, 1984

NOTE: Alter as necessary.

_____ Date

COMMENCEMENT AND COMPLETION OF WORK

COLORADO PROJECT NO. BRS 0266(3)

The Contractor shall commence work under his contract on or before the 20th day following the date of award unless such time for beginning the work is changed by the Chief Engineer in the "Notice to Proceed". The Contractor shall complete all work within 60 working days in accordance with the "Notice to Proceed".

Salient features to be shown on the Contractor's Progress Schedule are:

- (1. EMBANKMENT
- #(2. DETOUR
- (3.
- (etc.

*\$ Section 108 of the Standard Specifications is hereby revised for this project as follows:

(In subsection 108.06, eighth paragraph, delete the first sentence and replace with the following:

*(
(Time will not be charged during the months of _____, _____,
(_____ and _____.

\$ In subsection 108.06, delete the eighth paragraph.

Use those salient features submitted by the District.

* Use if months as shown in subsection 108.06 of the Standard Specifications are revised.

\$ Use on projects for which contract time will be charged during all months, e.g.-traffic signal projects.

REVISION OF SECTION 102
PROJECT PLANS AND OTHER DATA
COLORADO PROJECT NO. *BRS 0266(3)*

Section 102 of the Standard Specifications is hereby revised for this project as follows:

Subsection 102.05 shall include the following:

The following information will be available for review in the Reproduction Branch of the Division, Room 107, 4201 East Arkansas Avenue, Denver, Colorado 80222 until the date set for opening of bids:

<u>CROSS SECTIONS</u>	<u>Sheet No.</u>	<u>COMPUTER OUTPUT DATA</u>
* Roadway	_____ to _____	Earthwork Quantities
Structures	_____ to _____	Mass Diagram

The Reproduction Branch will provide an area where contractors can review any available cross sections and computer output data. This material may be taken out of the Reproduction Branch area by either: (1) purchase of the material at the current reproduction price or, (2) deposit of cash or check (payable to: Colorado Department of Highways) equal to the purchase price. The deposit will be refunded if the material is returned by 4:30 p.m. on the second full working day after obtaining the material. If not returned within that time, the deposit will be forfeited.

After contract award, the successful bidder may obtain from the Reproduction Branch at no cost: ten sets of plans and special provisions; and if available for the project, one set of full size cross sections and one set of computer output data. If the contractor has not picked up the plans and other available data within six weeks after bid opening, they will be sent to the Resident Engineer in charge of the project. Additional sets of plans and other available data may be purchased on a cash sale basis from the Reproduction Branch at current reproduction prices.

Subcontractors and suppliers may obtain plans and other data from the successful bidder or they may purchase copies on a cash sale basis from the Reproduction Branch at current reproduction prices.

Footnotes

- # Delete if there are no cross sections and computer output data on the project.
- * Add or delete items as necessary.

0090V

Special Provisions

Work Sheet No. 102-3

(non set-aside projects)

December, 1985

_____ date

CONTRACT GOALS
COLORADO PROJECT NO. BRS 0266(3)

The Division has determined that Minority Business Enterprises (MBEs) will participate by contracting for a part of the work of this contract. Contract goals, for participation in this contract by MBEs certified by the Department, have been established as follows:

DBE _____ Percent

WBE _____ Percent

The percentages will be calculated from proposals received for this project according to the following formula:

$$\text{Percentage} = 100 \times \frac{\text{*Dollar amount of work to be contracted to MBEs}}{\text{Total dollar amount of the original contract amount}}$$

* Based on MBE contract unit prices rather than prime contract unit prices.

The goal for DBE listed above shall be considered to have been met, for purposes of awarding the project, when the apparent low bidder is a DBE as certified by the Department.

The goal for WBE listed above shall be considered to have been met, for purposes of awarding the project, when the apparent low bidder is a WBE as certified by the Department.

The goals for DBE and WBE listed above shall be considered to have been met, for purposes of awarding the project, when the apparent low bidder is both a DBE and WBE as certified by the Department.

January 28, 1983

REVISION OF SECTION 304
AGGREGATE BASE COURSE
COLORADO PROJECT NO. ~~HES 0005(4)~~

BRS 0266(3)

Section 304 of the Standard Specifications is hereby revised for this project as follows:

Subsection 304.02 shall include the following:

Materials for the base course shall be Aggregate Base Course (Class 6) as shown in Subsection 703.03.

The source of aggregate for Aggregate Base Course is not designated. Approval of the aggregate source for Class 6 will be contingent on material meeting the gradation requirements and having a resistance value of at least 69 when tested by the Hveem Stabilometer method.

Subsection 304.08 shall be revised as follows:

Delete the fourth paragraph and replace it with the following:

Water will not be measured and paid for separately, but shall be included in the work.

0188V

Special Provisions

Work Sheet 403-2, Sheet 1 of 2

Hot Bituminous Pavement

June, 1984

NOTE: Alter as necessary.

_____ Date

REVISION OF SECTION 403
HOT BITUMINOUS PAVEMENT (GRADING E)
UNDESIGNATED SOURCE
COLORADO PROJECT NO. BRS 0266(3)

Section 403 of the Standard Specifications is hereby revised for this project as follows:

Subsection 403.02 shall include the following:

The hot bituminous mix shall conform to the following:

TABLE 403-1

PROPERTY	TEST METHOD	VALUE
Voids, percent	CPL 5105	_____ (Range)
Stability, minimum	CPL 5105	_____
Strength Coefficient, minimum	CPL 5105	_____
Index of Retained Strength, minimum	CPL 5104	75
Accelerated Moisture Susceptibility Tensile Strength Retained, minimum	CPL 5109	_____
Other: _____	_____	_____

The asphalt cement for this grading shall be _____.

The top lift of the hot bituminous pavement shall not contain more than _____ percent reclaimed material.

Subsection 403.03 shall include the following:

When ordered by the Engineer, a tack coat shall be applied between pavement courses.

* Hot bituminous pavement shall not be placed between _____ and _____, unless otherwise approved by the Engineer.

The Contractor shall use an approved anti-stripping additive.

-continued-

NOTE: Footnotes are on page 2

Special Provisions
Work Sheet 403-2, Sheet 2 of 2
Hot Bituminous Pavement
June, 1984
NOTE: Alter as necessary.

_____ Date

-2-
REVISION OF SECTION 403
HOT BITUMINOUS PAVEMENT (GRADING E)
UNDESIGNATED SOURCE
COLORADO PROJECT NO. BRS 0266(3)

∅ The Contractor shall arrange his work such that all roadway pavement placed prior to the time paving operations are specified to end for the year, shall be to the full thickness required by the plans. The Contractor's Progress Schedule shall show the methods he intends to use to conform to this requirement.

In subsection 403.05, delete the last paragraph and replace with the following:

Haul, aggregate, asphalt cement, asphalt recycling agent, additives, and all other work necessary to complete the item will not be paid for separately but shall be included in the unit price bid.

Material used for tack coat will be measured and paid for as provided in Section 411.

FOOTNOTES:

- * Fill in the dates furnished by the District. This may apply to only the top lift if so specified.
- # Use on all District 6 projects and in other Districts when directed.
- ∅ This requirement is to be added when reflective cracking is a concern, such as asphalt overlays of concrete pavement. Use when directed by the District.

Special Provisions
 Work Sheet No. 109-1
 Force Account (Contractor)
 Oct. 1981
 Prepared by _____
 Proofed by _____

17

_____ Date

FORCE ACCOUNT ITEMS
 COLORADO PROJECT NO. BRS 0266(3).

DESCRIPTION

This provision consists of the Division's estimate for force account items included in the Contract. This work shall be performed as directed by the Engineer.

BASIS OF PAYMENT

Payment will be made in accordance with subsection 109.04. Payment will constitute full compensation for all work necessary to complete the item.

Force account work valued at \$5,000.00 or less, that must be performed by a licensed journeyman in order to comply with Federal, State or local codes, may be paid for after receipt of an itemized statement endorsed by the Contractor.

FORCE ACCOUNT

<u>F/A No.</u>	<u>Pay Item</u>	<u>*Quantity</u>	<u>Estimated Amount</u>
01	MINOR CONTRACT REVISIONS	1	2000
02	MBE INCENTIVE PAYMENT	1	AS PER SPECIFICATION
03	RIGHT OF WAY	1	1000
04	UTILITIES	1	1000