

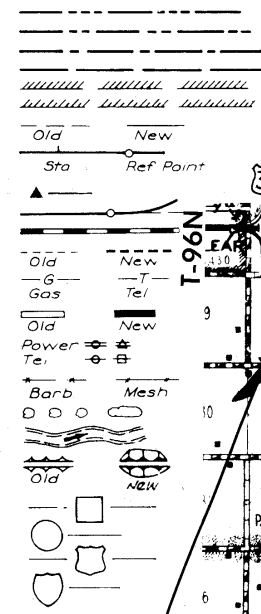
BRIDGE FLOOR SURFACING
I-IG-35-7(27)178--04-17

CERRO GORDO COUNTY

checked 3/5/77 M. Wright

- State Line
Co. Line
Twp. Line
Sec. Line
Corp. Line
Urban Bdry.
R.O.W. Lines
Survey Line
- Sec. Corner
Profile Grade
Railroad
Field Tile
Underground Lines
Culverts
Utility Poles
Fences
Trees Or Brush
Stream
Dike
- County Road No.
Primary Road No.
U. S. Road No.
Interstate Road No.

CONVENTIONAL SIGNS



DES. NO. 576

DES. NO. 276

DES. NO. 176



R-21W
LOCATION MAP

IOWA
DEPARTMENT OF TRANSPORTATION

Highway Division

PLANS OF PROPOSED IMPROVEMENT ON THE

INTERSTATE ROAD SYSTEM

CERRO GORDO COUNTY

BRIDGE FLOOR SURFACING

ON I-35 FROM FRANKLIN CO. LINE TO SOUTH OF IA. #106

SCALE AS NOTED

THE STANDARD SPECIFICATIONS, SERIES OF 1972,
OF THE IOWA STATE HIGHWAY COMMISSION,
SHALL APPLY TO CONSTRUCTION WORK ON THIS PROJECT.
(PLUS CURRENT SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS)

CONSTRUCTION PLANS SHOWING PROJECT AS BUILT
Prepared by Logan Hochstetler, P.E. Date 1-25-1977
Res. Const. Engineer
Approved and Forwarded to Ames
Alan Samson Date 3-4-77
District Const. Engineer
After Microfilming Return This Copy to:
D.D. CAMPBELL District Engineer
Prime Contractor: FOX CONSTRUCTION INC.
Contract Amount: \$112015.03

DES. NO. 476

DES. NO. 376

STATE	FED. ROAD DIST. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
IOWA	5		1	17
PROJECT NUMBER				
I-IG-35-7(27)178--04-17				
R.O.W. PROJECT NUMBER				

INDEX OF SHEETS	
NO.	DESCRIPTION
1	Title Sheet
1A	REVISION SHEET
2	Final Estimate Sheet
3-5	Bridge Des. No. 176
6-8	Bridge Des. No. 276
9-11	Bridge Des. No. 376
12-14	Bridge Des. No. 476
15-17	Bridge Des. No. 576

DEPARTMENT OF TRANSPORTATION, HIGHWAY DIVISION
STANDARDS REQUIRED (Available at Bridge Design Services)

STANDARD	ISSUED	REVISED
		NONE REQUIRED

RECEIVED
FEB 9 1976
IOWA STATE HIGHWAY COMMISSION
District 2 - Mason City, Ia.

REVISED
SEE FOLLOWING SHEET 1A

DEPARTMENT OF TRANSPORTATION
IOWA
Highway Division
APPROVED
12/16/75
DEPUTY CHIEF ENGINEER DATE

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED UNDER MY SUPERVISION AND THAT ENGINEERING DECISIONS WITH REGARD TO THE DESIGN WERE MADE BY ME OR BY OTHER DULY REGISTERED PROFESSIONAL ENGINEERS UNDER THE LAWS OF THE STATE OF IOWA.
2792 12-8-75
IOWA REGISTRATION NUMBER DATE

U.S. DEPT. TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ENGINEER DATE

LISTING OF PROJECT REVISIONS

DATE	SHEET NUMBER	DESCRIPTION OF REVISIONS	DATE	SHEET NUMBER	DESCRIPTION OF REVISIONS
4-14-76	1A of 17	Designs 176, 276, 376, 476, & 576 This sheet added to project (Revision Sheet).			
	5, 8, 11, 14 & 17 of 17	Added note on removal of lane line. Added notes for temporary edge line. Added note for weighted traffic cones. Added note for spacing traffic cones. Added 200' barricaded section.			
	5A, 8A, 11A, 14A & 17A of 17.	This sheet added (signing information).			
	1 of 17	Sheets ██████████ added to "Index of Sheets". Reason: Changes made due to request by FHWA.			

MASTERS PRINTED

REVISION SHEET

FILE NO. 25714

CERRO GORDO COUNTY

PROJECT NUMBER 1-IG-35-7(27)178--04-17

STATE	FED. ROAD DIST. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
IOWA	5		1-A	17

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

Oct 6, 1975

William A. Lundquist

REG. NO. 4449

DATE

WM. A. LUNDQUIST

DES. NO. 176

ON I-35 OVER

STA. 84 + 40.00

CERRO GORDO COUNTY

BAILEY CREEK

SECTION 29

T-94N, R-21W

PLEASANT VALLEY TWP.

DESIGN FOR BRIDGE FLOOR SURFACING FOR 0° SKEW
DUAL 95'-0 x 40' PRETENSIONED PRESTRESSED
CONCRETE BEAM BRIDGES

FINAL ESTIMATE OF QUANTITIES

NO.	ITEM	UNIT	TOTAL
1	Bridge Floor Surfacing	Sq. Yds.	870.556 872
2	Floodlighting	L.S.	\$1200.000 LUMP SUM
8004	Modify Signing Layout	L.S.	\$1551.33

IN LETTING OF FEB. 3, 1976

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

Oct 13, 1975

James R. Sassaman

REG. NO. 2663

DATE

JAMES R. SASSAMAN

DES. NO. 276

I-35 OVER LOCAL ROAD

STA. 479 + 96.74 (C. R.)

CERRO GORDO COUNTY

STA. 5484 + 10.31 (Side Rd. Survey)

SECTIONS 20 & 17

T-95N, R-21W

MOUNT VERNON TWP.

DESIGN FOR BRIDGE FLOOR OVERLAY FOR
4° 16' 15.72" Skew (L. A.) DUAL 143'-0 x 40' PRET. PRESTRESSED
CONCRETE BEAM BRIDGES

FINAL ESTIMATE OF QUANTITIES

NO.	ITEM	UNIT	TOTAL
5	Bridge Floor Overlay	Sq. Yds.	1296.667 1298
6	Floodlighting	L.S.	\$1200.000 LUMP SUM
8003	Modify Signing Layout	L.S.	\$1289.24

IN LETTING OF FEB. 3, 1976

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

Oct 6, 1975

William A. Lundquist

REG. NO. 4449

DATE

WM. A. LUNDQUIST

DES. NO. 376

I-35 OVER

STA. 166 + 62.38

CERRO GORDO COUNTY

C. & G.W. R.R.

SECTION 17

T-94N, R-21W

PLEASANT VALLEY TWP.

DESIGN FOR BRIDGE FLOOR SURFACING FOR 13° 52' Skew
DUAL 176'-4 x 40' PRETENSIONED PRESTRESSED
CONCRETE BEAM BRIDGES

FINAL ESTIMATE OF QUANTITIES

NO.	ITEM	UNIT	TOTAL
3	Bridge Floor Surfacing	Sq. Yds.	1594.445 1596
4	Floodlighting	L.S.	\$1200.000 LUMP SUM
8005	Modify Signing Layout	L.S.	\$1716.07

IN LETTING OF FEB. 3, 1976

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

Oct 13, 1975

James R. Sassaman

REG. NO. 2663

DATE

JAMES R. SASSAMAN

DES. NO. 476

I-35 OVER

STA. 561 + 75.0

CERRO GORDO COUNTY

BEAVER DAM CREEK

SECTION 8

T-95N, R-21W

MOUNT VERNON TWP.

DESIGN FOR BRIDGE FLOOR OVERLAY FOR
DUAL 143'-0 x 40' PRETENSIONED PRESTRESSED
CONCRETE BEAM BRIDGE

FINAL ESTIMATE OF QUANTITIES

NO.	ITEM	UNIT	TOTAL
7	Bridge Floor Overlay	Sq. Yds.	1297.956 1298
8	Floodlighting	L.S.	\$1200.000 LUMP SUM
8001	Modify Signing Layout	L.S.	\$194.28

IN LETTING OF FEBRUARY 3, 1976

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

Oct 13, 1975

James R. Sassaman

REG. NO. 2663

DATE

JAMES R. SASSAMAN

DES. NO. 576

I-35 OVER LOCAL ROAD

STA. 755 + 24.20 Q I-35

CERRO GORDO COUNTY

STA. 8755 + 24.20 Q Side Rd. Survey

SECTIONS 29 & 20

T-96N, R-21W

LAKE TWP.

DESIGN FOR BRIDGE FLOOR OVERLAY FOR 17° 08' Skew
DUAL 151'-4 x 40' PRETENSIONED PRESTRESSED
CONCRETE BEAM BRIDGES

FINAL ESTIMATE OF QUANTITIES

NO.	ITEM	UNIT	TOTAL
9	Bridge Floor Overlay	Sq. Yds.	1371.000 1374
10	Floodlighting	L.S.	\$1200.000 LUMP SUM
8002	Modify Signing Layout	L.S.	\$368.67
8006	Bridge Floor Overlay (Adjustment for Non complying Cure)		\$1351.50CR

IN LETTING OF FEB. 3, 1976

FINAL
ESTIMATE SHEET

NUCLEAR DENSITY TESTS RESULTS					
DATE	STATION	DISTANCE FROM CURB	LANE WIDTH	%	DEPTH
DESIGN 176					
5-24-76	84+84	3.8	SBL 18'	100.5	3"
5-24-76	84+40	4.5	SBL 18'	101.7	3"
5-24-76	84+18	8.0	SBL 18'	100.8	3"
5-24-76	83+96	3.5	NBL 18'	100.2	3"
5-24-76	84+18	10.5	NBL 18'	100.3	3"
5-24-76	84+40	5.0	NBL 18'	100.9	3"
6-3-76	84+84	10.5	SBL 22'	100.6	3"
6-3-76	84+64	5.5	SBL 22'	103.4	3"
6-3-76	84+40	12.0	SBL 22'	105.0	3"
6-3-76	84+20	18.1	SBL 22'	103.1	3"
6-3-76	83+96	4.2	NBL 22'	101.3	3"
6-3-76	84+18	4.2	NBL 22'	102.6	3"
6-3-76	84+40	10.0	NBL 22'	101.5	3"
6-3-76	84+62	16.3	NBL 22'	101.7	3"
DESIGN 276					
6-9-76	479+25	12.0	NBL 22'	101.3	3.25"
6-9-76	479+60	18.0	NBL 22'	101.1	3.50"
6-9-76	479+95	10.0	NBL 22'	100.3	3.25"
6-9-76	480+30	4.0	NBL 22'	99.9	3.25"
6-9-76	480+70	16.0	SBL 22'	99.6	3.25"
6-9-76	480+35	4.0	SBL 22'	99.8	3.25"
6-9-76	480+00	10.5	SBL 22'	100.5	3"
6-9-76	479+65	15.0	SBL 22'	99.8	3.25"
6-15-76	480+61	9.0	NBL 18'	104.1	3.50"
6-15-76	480+26	4.3	NBL 18'	103.3	3.25"
6-16-76	479+91	8.7	NBL 18'	100.1	3.25"
6-16-76	479+31	10.0	SBL 18'	100.3	3.50"
6-16-76	479+66	4.5	SBL 18'	99.3	3.25"
6-16-76	480+01	9.9	SBL 18'	100.8	3.25"
DESIGN 376					
5-21-76	166+37	9.5	SBL 18'	101.0	3"
5-21-76	165+97	5.5	SBL 18'	100.9	3"
5-21-76	165+31	14.0	SBL 18'	100.7	3"
5-26-76	165+91	5.0	NBL 18'	100.6	3"
5-26-76	166+33	3.8	NBL 18'	100.6	3"
5-26-76	166+75	10.3	NBL 18'	101.1	3"
5-27-76	166+30	4.5	SBL 22'	98.7	3"
6-1-76	165+90	14.0	SBL 22'	101.6	3"
6-1-76	165+50	8.8	SBL 22'	100.9	3"
6-1-76	165+10	4.0	SBL 22'	100.9	3"
6-5-76	165+91	4.3	NBL 22'	99.7	3"
6-5-76	166+35	5.0	NBL 22'	100.3	3"
6-5-76	166+80	11.0	NBL 22'	102.8	3.25"
6-5-76	167+20	17.0	NBL 22'	103.4	3"
DESIGN 476					
4-22-76	562+43	4.0	SBL 22'	101.7	3"
4-22-76	561+75	4.25	SBL 22'	100.0	6"
4-22-76	561+41	18.6	SBL 22'	100.1	3"
4-22-76	561+07	18.0	SBL 22'	98.7	3"
4-30-76	561+07	5.5	NBL 22'	101.7	2.50"
4-30-76	561+40	8.0	NBL 22'	100.7	3"
5-11-76	562+43	4.6	SBL 18'	96.9	3"
5-11-76	562+43	4.6	SBL 18'	97.6	3"
5-11-76	561+75	12.6	SBL 18'	101.0	2.50"
5-11-76	561+41	9.0	SBL 18'	100.7	3"
5-12-76	561+07	4.5	NBL 18'	101.6	3.25"
5-12-76	561+40	6.0	NBL 18'	102.6	3"
5-12-76	561+75	12.0	NBL 18'	102.6	3"
5-12-76	562+10	7.0	NBL 18'	101.3	3.25"
DESIGN 576					
4-19-76	756+40	5.5	SBL 22'	101.4	3"
4-19-76	756+04	10.6	SBL 22'	104.0	3"
4-19-76	755+68	6.1	SBL 22'	101.3	3"
4-19-76	755+32	18.7	SBL 22'	100.3	2.50"
5-5-76	755+07	5.0	NBL 22'	102.0	2.50"
5-5-76	755+83	5.5	NBL 22'	100.9	2.50"
5-5-76	755+83	17.0	NBL 22'	100.9	2.50"
5-5-76	755+42	17.5	NBL 22'	100.7	3"
5-8-76	756+40	4.5	SBL 18'	99.7	4"
5-8-76	756+04	11.6	SBL 18'	101.0	3"
5-8-76	755+68	7.7	SBL 18'	99.1	3"
5-14-76	755+07	4.2	NBL 18'	102.3	3.25"
5-14-76	755+42	13.3	NBL 18'	101.1	3"
5-14-76	755+83	8.0	NBL 18'	102.2	3"
* RETEST					

CHANGE OR EXTRA WORK ORDER NO. 1-BLANKET

A - Description of change to be made or extra work to be done:
8001 - The contractor is to furnish the labor, materials, and equipment necessary to remove the existing lane line as directed by the engineer and detailed in the April 14, 1976 plan revision.
B - Reason for ordering change or extra work:
8001 - The April 14, 1976 plan revision added this work due to a request by the Federal Highway Administration.
C - Settlement for cost of work to be made as follows: FORCE ACCOUNT
8001 - Modify Signing Layout
Estimated Cost of Labor -----\$70.00
Estimated Cost of Material ----- 75.00
Estimated Cost of Equipment Rental ----- 70.00
TOTAL ESTIMATED COST = \$215.00

CHANGE OR EXTRA WORK ORDER NO. 2-BLANKET

8002 - The contractor is to furnish the labor, materials, and equipment necessary to remove the existing lane line as directed by the engineer and detailed in the April 14, 1976 plan revision.
B - Reason for ordering change or extra work:
8002 - The April 14, 1976 plan revision added this work due to a request by the Federal Highway Administration.
C - Settlement for cost of work to be made as follows: FORCE ACCOUNT
8002 - Modify Signing Layout
Estimated Cost of Labor -----\$110.00
Estimated Cost of Material ----- 110.00
Estimated Cost of Equipment Rental ----- 140.00
TOTAL ESTIMATED COST = \$360.00

CHANGE OR EXTRA WORK ORDER NO. 3-BLANKET

A - Description of change to be made or extra work to be done:
8003 - The contractor is to furnish the labor, materials, and equipment necessary to modify the signing layout as detailed in the April 14, 1976 plan revision including removal of existing lane line and application of temporary edge lines and removal of same as directed by the engineer.
B - Reason for ordering change or extra work:
8003 - The April 14, 1976 plan revision added this work due to a request by the Federal Highway Administration.
C - Settlement for cost of work to be made as follows: FORCE ACCOUNT
8003 - Modify Signing Layout
Estimated Cost of Labor -----\$420.00
Estimated Cost of Material ----- 350.00
Estimated Cost of Equipment Rental ----- 425.00
TOTAL ESTIMATED COST = \$1,195.00

CHANGE OR EXTRA WORK ORDER NO. 4-BLANKET

A - Description of change to be made or extra work to be done:
8004 - The contractor is to furnish the labor, materials, and equipment necessary to modify the signing layout as detailed in the April 14, 1976 plan revision including removal of existing lane line and application of temporary edge lines and removal of same as directed by the engineer.
B - Reason for ordering change or extra work:
8004 - The April 14, 1976 plan revision added this work due to a request by the Federal Highway Administration.
C - Settlement for cost of work to be made as follows: FORCE ACCOUNT
8004 - Modify Signing Layout
Estimated Cost of Labor -----\$ 420.00
Estimated Cost of Material ----- 350.00
Estimated Cost of Equipment Rental ----- 425.00
TOTAL ESTIMATED COST = \$1,195.00

CHANGE OR EXTRA WORK ORDER NO. 5-BLANKET

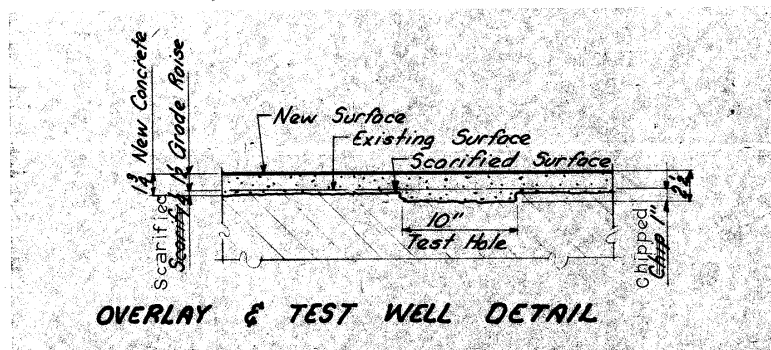
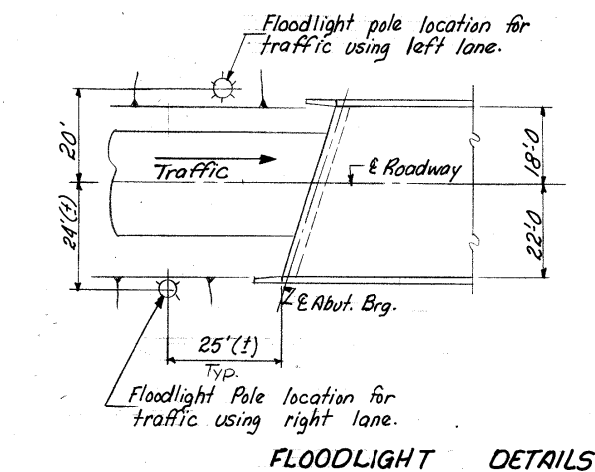
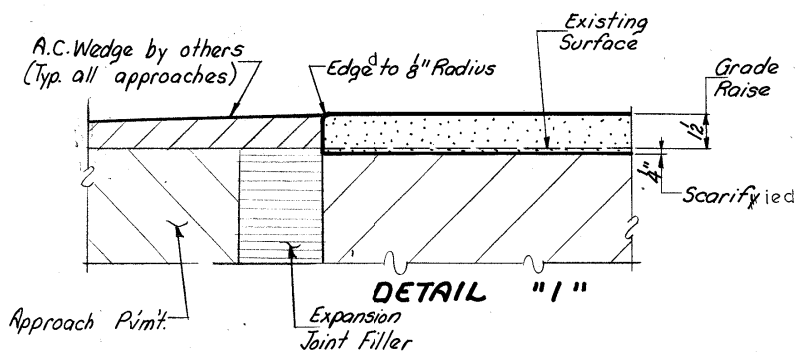
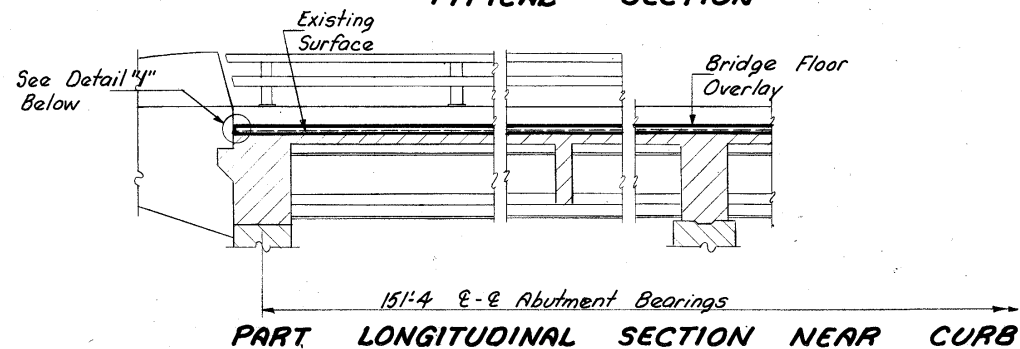
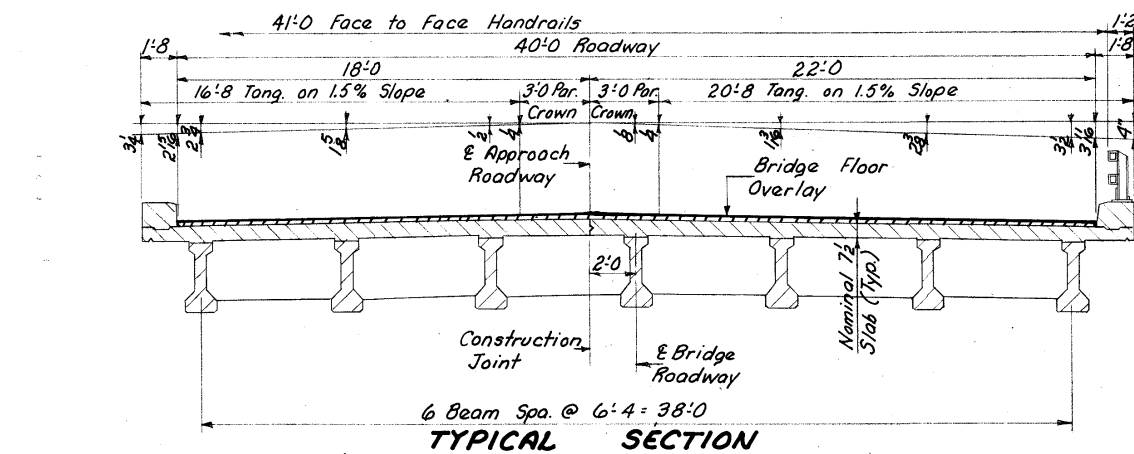
A - Description of change to be made or extra work to be done:
8005 - The contractor is to furnish the labor, materials, and equipment necessary to modify the signing layout as detailed in the April 14, 1976 plan revision including removal of existing lane line and application of temporary edge lines and removal of same as directed by the engineer.
B - Reason for ordering change or extra work:
8005 - The April 14, 1976 plan revision added this work due to a request by the Federal Highway Administration.
C - Settlement for cost of work to be made as follows: FORCE ACCOUNT
8005 - Modify Signing Layout
Estimated Cost of Labor -----\$ 420.00
Estimated Cost of Material ----- 350.00
Estimated Cost of Equipment Rental ----- 425.00
TOTAL ESTIMATED COST = \$1,195.00

CHANGE OR EXTRA WORK ORDER NO. 6-BLANKET (FINAL)

A - Description of change to be made or extra work to be done:
Add item to adjust (reduce) the payment for the number of square yards of Bridge Floor Overlay which were non-complying because the wet burlap cure required by Article 779.06 of Supplemental Specification No. 779 dated January 6, 1976 was not maintained for at least 72 hours.

Date	Item of Non-Compliance	Sq. Yds.	%Pay	%CR	CR Price
8006 - 5-7-76	Wet Burlap Cure	85	0	100	\$15.90

B - Reason for ordering change or extra work:
8006 - Inspection by representatives of the Federal Highway Administration has shown that the above item was not in reasonable close conformity with the plans and specifications. This item has been reviewed by the engineer and has been found to be reasonably acceptable and will be allowed to remain in place with the adjusted payment indicated.
C - Settlement for cost of work to be made as follows: AGREED UNIT PRICE
8006 - Bridge Floor Overlay (Adj. for non-comp. cure)
Add 85.000 Sq. Yds. @ \$15.90 CR -----\$1,351.50 CR



GENERAL NOTES:

It is the intent of this design to place a concrete surface lift over the existing Dual 151'-4" x 40' Pretensioned Prestressed Concrete Beam Bridges, original Design No. 2169 Cerro Gordo County. Plans of the existing structure may be obtained at the Ames Office of the Highway Division, Iowa DOT. The surface lift shall be a bridge floor overlay.

The floor slabs of these bridges have been treated with linseed oil. Slab thickness is about 7 1/2 inches. The entire concrete surface of the bridge floor shall have Bridge Floor Overlay. The Contractor will be required to exercise extreme care in removing the surface concrete in order to prevent unbonding of reinforcing steel. Surface raise, as shown on the plans, shall be considered a minimum; screed guides shall be adjusted to achieve a smooth profile.

The materials, equipment, method, finish, and cure for this construction were shall be identical with the requirements of the current Supplemental Specifications.

NUCLEAR DENSITY TEST WELLS

Wells shall be excavated below the level described for Bridge Floor Overlay so that a 2 1/2 inch minimum thickness of fresh concrete will be available for nuclear density testing at predetermined locations. Scarifying or chipping may be used to excavate the wells, but surfaces must be uniform and clean. Test wells shall be a minimum of 10 inches by 10 inches in plan and shall be located in each overlay pass as follows: Three (3) at each end, within 5 feet of the end joint, plus a minimum of three (3) additional test wells, equally spaced longitudinally to be not more than 50 feet apart. A total of 9 test wells will be required for each overlay pass. All costs for providing test wells will be considered incidental to other work.

APPROACH SURFACING

The A. C. wedge or runoff taper at each end of the bridge will be placed by local Highway Division Maintenance forces before traffic is shifted to new construction. The Contractor shall give adequate prior notice so that the A. C. may be placed during normal working hours and working days of Highway Division Maintenance.

TRAFFIC CONTROL

Construction shall be done in stages with at least one lane of traffic maintained on each roadway at all times in accordance with Supplemental Specs. No. 725 and No. 760 and with Design Sheet 3 of 3. Cost of all traffic control devices, to be furnished and/or maintained by the Contractor, will be considered incidental to other work and no separate payment will be made. Floodlighting will be required as shown.

CONSTRUCTION SPECIFICATIONS:

Construction: Iowa State Highway Commission Specifications, Series of 1972, plus current Supplemental Specifications and Special Provisions of the Iowa Department of Transportation - Highway Division.

TOTAL		FINAL		QUANTITIES	
ITEM NO.	ITEM	UNITS	S.B. Bridge	N.B. Bridge	TOTAL
9	Bridge Floor Overlay	sq. yds.	686.111	684.889	1371.000
10	Floodlighting	l.s.			\$1200.000
8002	Modify Signing Layout		LS.		\$368.67
8006	Bridge Floor Overlay (Adjustment for Non-complying Cure)				\$1351.50 CR

Design For 17° 08' Skew
DUAL 151'-4" x 40' PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES
 47'-5" End Spans 56'-6" Interior Span
BRIDGE FLOOR OVERLAY DETAILS
 Sta. 755+24.20 E I-35 September, 1975
 Sta. 8755+24.20 E Side Rd Survey
CERRO GORDO COUNTY
IOWA STATE HIGHWAY COMMISSION
 Design Sheet No.: 1 Of 3 File No.: 25714 Design No.: 576

DESIGNED BY: R.A. Britton
 CHECKED BY: R. R. Ruppberg

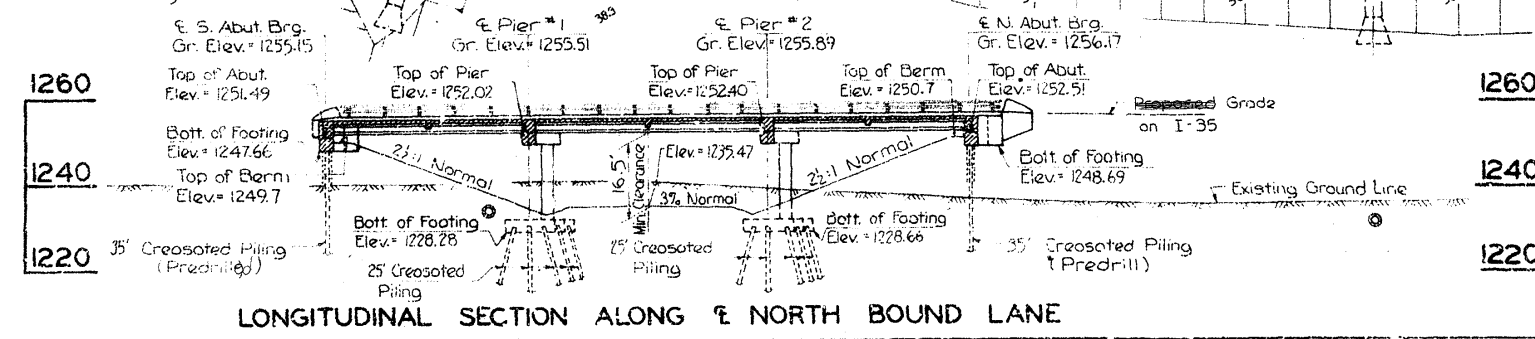
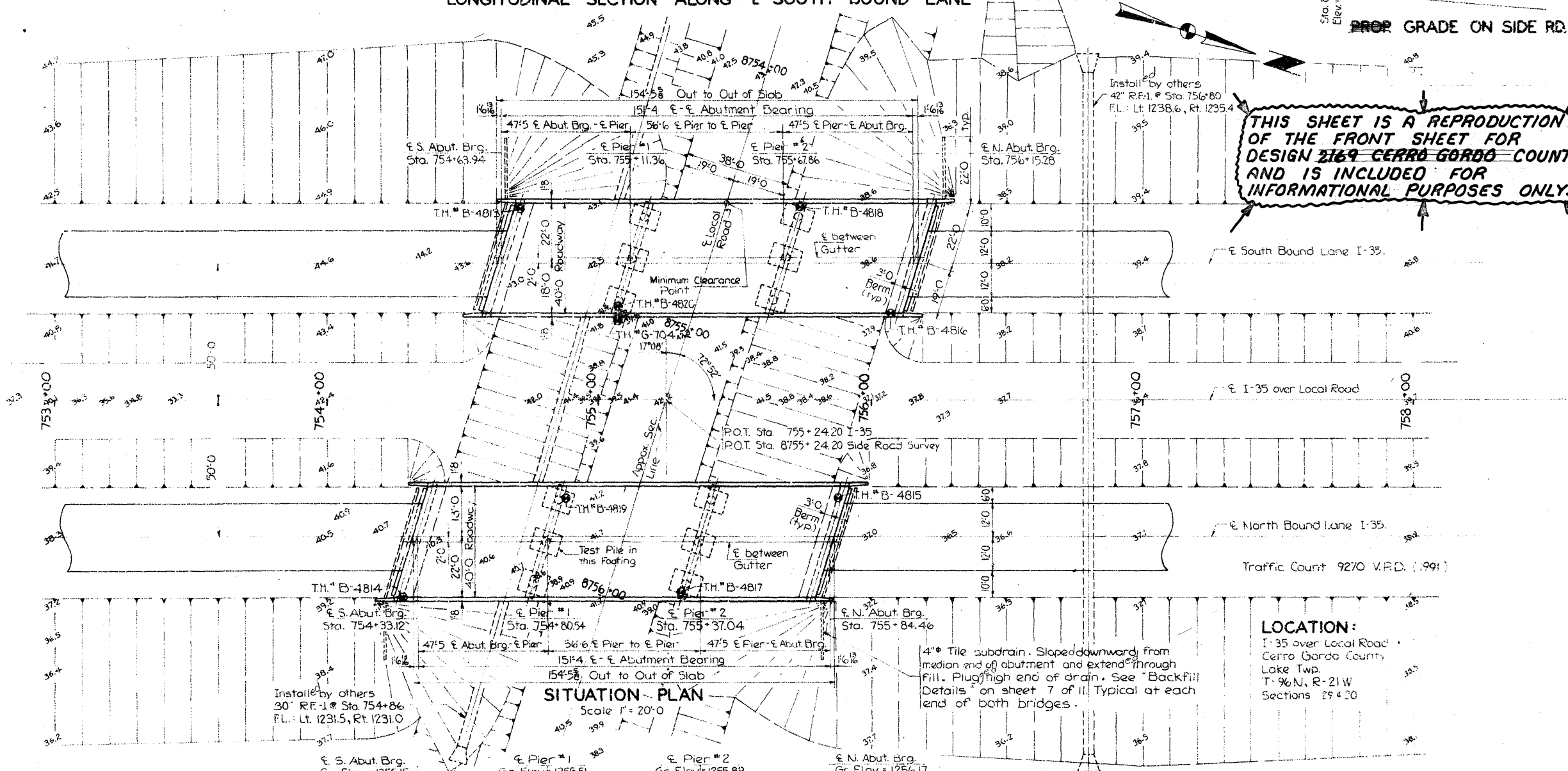
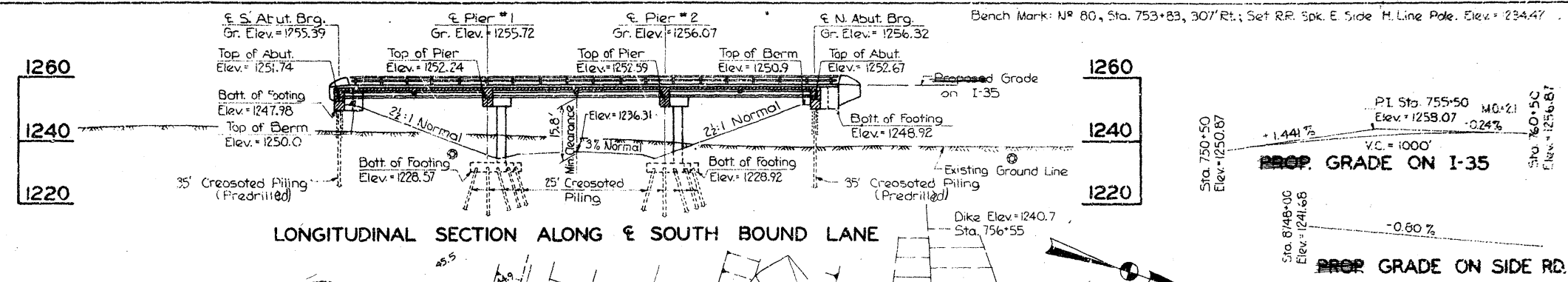
TRACED BY:
 CHECKED BY: D.F. Wampler

Section Leader J. Sarason

CERRO GORDO COUNTY

PROJECT NUMBER: J-16-35-7(27)178--04-17
 STATE: IOWA
 FED. ROAD DIST. NO.: 5
 FISCAL YEAR: 15
 SHEET NO.: 17
 TOTAL SHEETS: 17

Prints to FHWA 9-26-75



DESIGN FOR 17' OR' SKEW
DUAL 15'-4" 40' PRETENSILE PRESTRESSED CONCRETE BEAM BRIDGES
 47'-5" END SPANS 56'-6" INTERIOR SPAN
SITUATION PLAN
 STATION 755+24.20 & I-35
 STATION 8755+24.20 & SIDE RD. SURVEY
CERRO GORDO COUNTY
 IOWA STATE HIGHWAY COMMISSION
 DESIGN SHEET NO. 2 - 3 FILE NO. 25714, DESIGN NO. 576