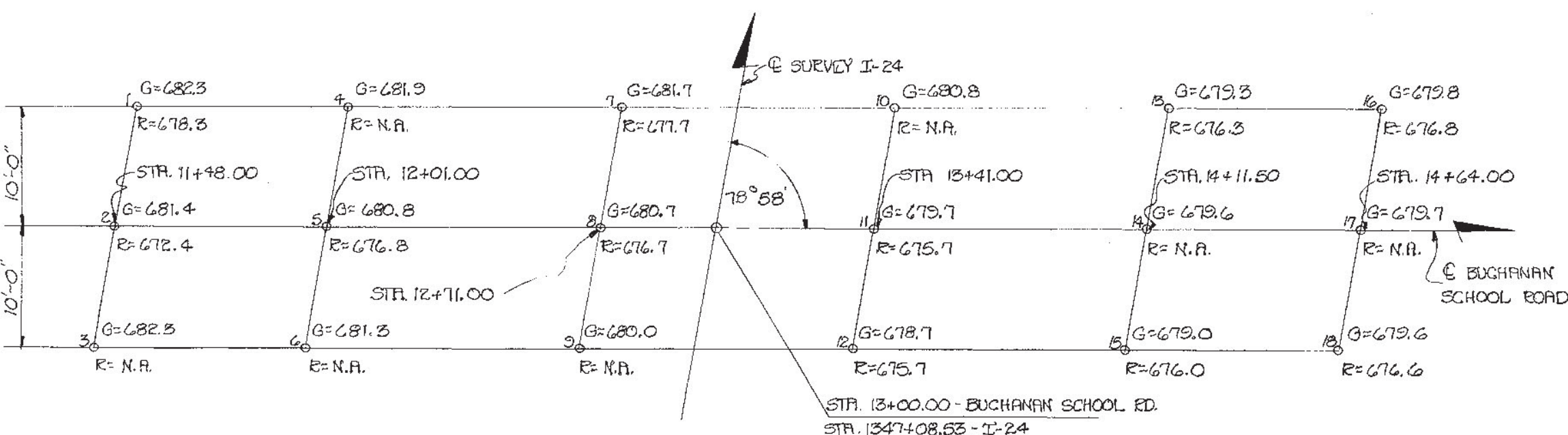
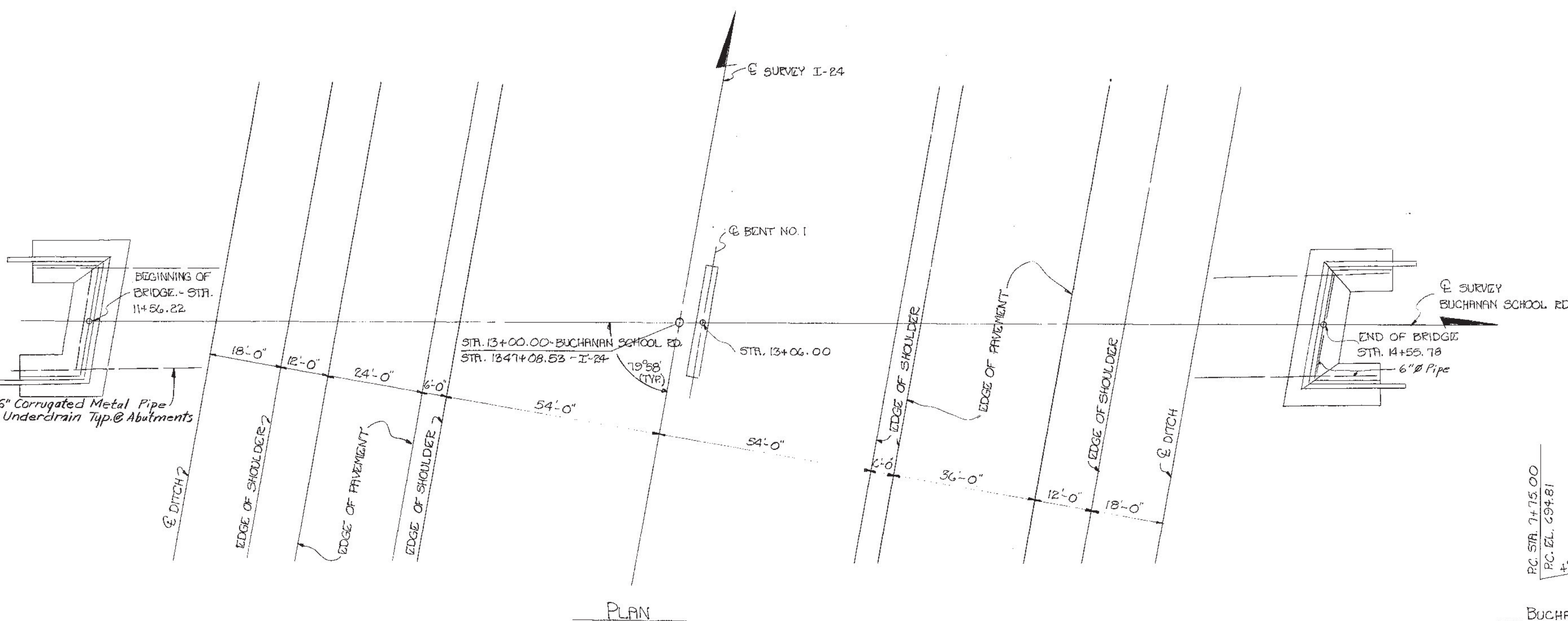
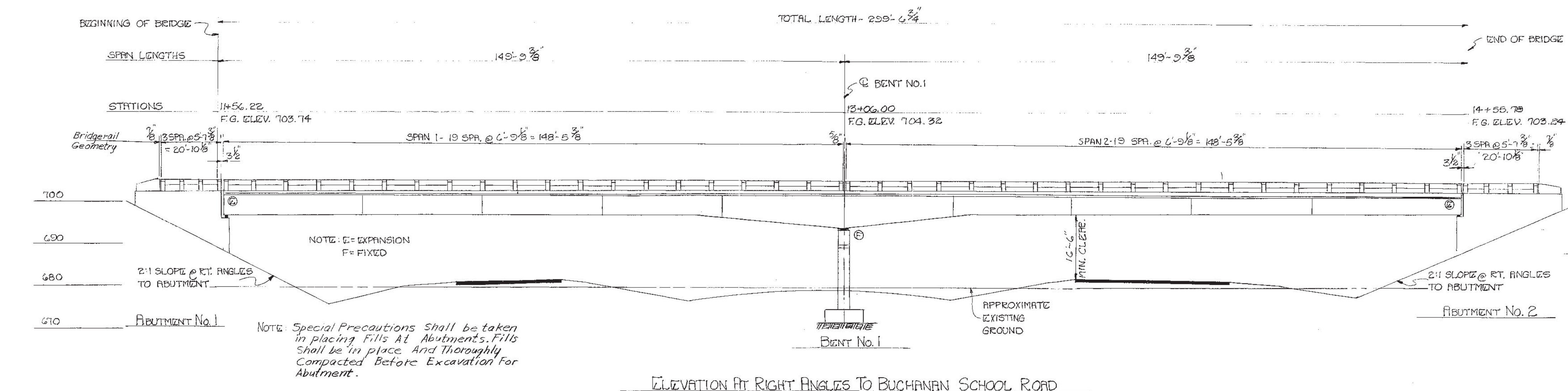


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	TENN.	1-241(1)83	19		

REVISIONS		
NO.	DATE	BRIEF DESCRIPTION
1	2-23-68	Let Notes & Quant.
2	5-27-68	Litten Quantities



DESIGNED BY: LITTON
 DRAWN BY: SUMMERS
 TRACED BY:
 CHECKED BY: LITTON

DATE: _____
 DATE: _____
 DATE: _____
 DATE: _____

ESTIMATED QUANTITIES

ITEM	EXCAVATION CU. YDS. DRY ROCK	CONCRETE CLASS "A" CU. YDS.	REINFORCING STEEL LBS.	STEEL STRUCTURES	CONCRETE BRIDGEPILES LIN. FT.	LINSEED OIL TREATMENT SQ. YDS.	ROCK DRILLING LIN. FT.
SUPERSTRUCTURE		238.2	59,721				
ABUTMENT NO. 1	252	114.0	18,055				
BENT NO. 1	55	42	42.9	7689			
ABUTMENT NO. 2	252	114.0	18,055				
TOTALS	559	42	509.1	102,520	LUMP SUM	678	1446

- NOTE: COST OF 6" PERFORATED CORRUGATED METAL 18 GAUGE PIPE UNDERDRAIN & POROUS BACKFILL MATERIAL TO BE INCLUDED IN THE COST OF ITEMS BID ON.
- ①: CHST- IN- PLACE
- ②: LUMP SUM: TOTAL ESTIMATED WEIGHT OF STRUCTURAL STEEL = 360,426 LBS, INCLUDING SHEAR CONNECTORS, BOLTS, LEAD RS
3. SPECIAL PROVISIONS ON LINSEED OIL TREATMENT DOES NOT APPLY TO BENT CAPS.
4. EXCAVATION BASED ON LOWER ROAD PROFILE

GENERAL NOTES

SPECIFICATIONS: STANDARD ROAD & BRIDGE SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF HIGHWAYS.

LOADING: HS20-44

CONCRETE: TO BE CLASS "A"

REINFORCING STEEL: TO BE INTERMEDIATE OR HARD GRADE, STANDARD HOOK DETAILS AS RECOMMENDED BY C.E.S.I. SHALL APPLY UNLESS OTHERWISE NOTED.

DESIGN SPECIFICATIONS: A.A.S. H.O. 1965

STRUCTURAL STEEL: SEE NOTES ON DWG. K-70-90

WELDING: SEE SPECIAL PROVISION REGARDING WELDED STRUCTURES.

HIGH STRENGTH BOLTS: SEE NOTES ON DWG. K-70-90

RADIOGRAPHIC AND MAGNETIC PARTICLE INSPECTION: SEE SPECIAL PROVISIONS REGARDING WELDED STRUCTURES & NOTES ON DWG. K-70-91.

PAINT: BASIC LEAD SILICO CHROMATE, SEE SPECIAL PROVISIONS REGARDING SECTION 152 STEEL STRUCTURES (PAINTING).

SHOP INSPECTION OF STEEL STRUCTURES: THE CONTRACTOR AS SOON AS HE RECEIVES HIS WORK. ORDGES, SHALL NOTIFY THE BRIDGE ENGINEER, IN WRITING, WHO WILL SUPPLY THE STRUCTURAL STEEL & THE LOCATION OF THE PLANT WHERE IT WILL BE FABRICATED.

APPROVAL OF MATERIALS: NO FABRICATION SHALL BE STARTED UNTIL MATERIALS INVOLVED HAVE BEEN APPROVED BY THE TENNESSEE HIGHWAY DIVISION OF TESTS.

STUD SHEAR CONNECTORS: SEE AASHO SPECIFICATIONS 1.7.98, 1.7.101, 2.10.3A & 2.10.25.

IDENTITY OF MAIN MATERIALS: MARK NOS. ON MAIN MATERIALS MUST BE PRESERVED OR TRANSFERRED DURING FABRICATION & SHOP PAINTING SO THAT THEY WILL BE IDENTIFIABLE IN THE FIELD.

BRIDGERAIL NOTE:

BUILD BRIDGERAIL ACCORDING TO STANDARD DWG. K-38-151, USE BRIDGERAIL GEOMETRY AS SHOWN IN ELEVATION THIS DWG. ALSO USE WINGPOST AS SHOWN ON DWG. K-70-93.

FOUNDATION NOTE:

AFTER EXCAVATION TO ROCK FOR FOOTINGS HAS BEEN COMPLETED, HOLES 6 FT. DEEP SHALL BE DRILLED @ POINTS DESIGNATED BY THE ENGINEER. FROM THE RESULTS OBTAINED, THE ENGINEER SHALL DETERMINE THE FINAL FOOTING ELEVATION. NO SUBSTRUCTURE STEEL SHALL BE ORDERED UNTIL FINAL FOOTING ELEVATIONS HAVE BEEN ESTABLISHED.

LIST OF DRAWINGS

	DWG. NO.
SUPERSTRUCTURE	K-70-90
STRUCTURAL STEEL DETAILS	K-70-91
ABUTMENTS NO. 1 & 2	K-70-92
ABUTMENT DETAILS	K-70-93
BENT NO. 1	K-70-94
BILL OF STEEL	K-70-95
BRIDGERAIL (SEE NOTE THIS SHEET) &	K-38-151
ROADWAY EXPANSION DEVICE	K-56-34

ESTIMATED 1985 A.D.T.: 200

30'-0" ROADWAY WITH 9" BRUSH CURBS

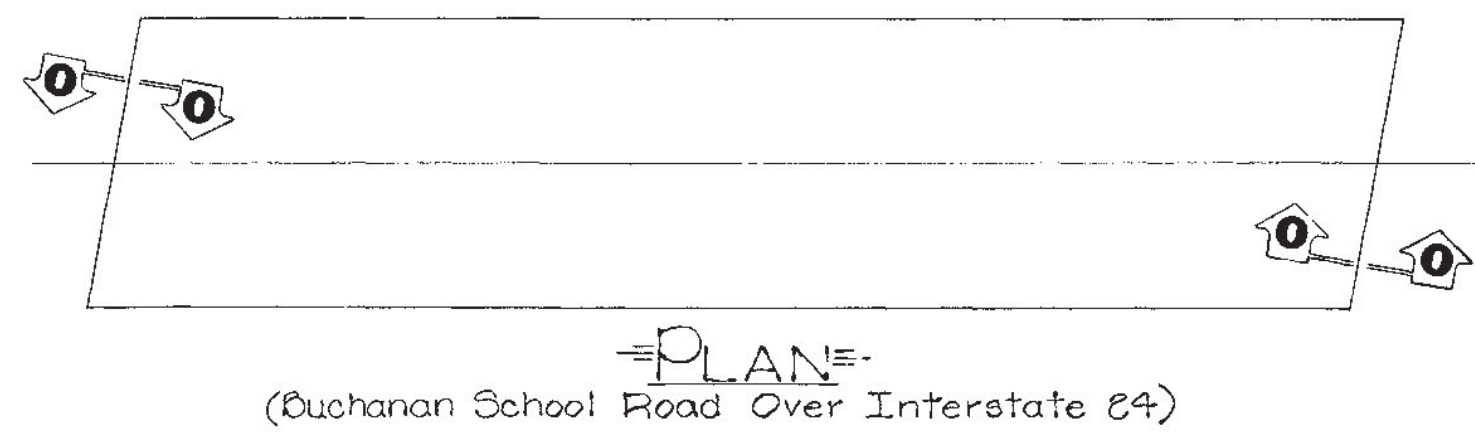
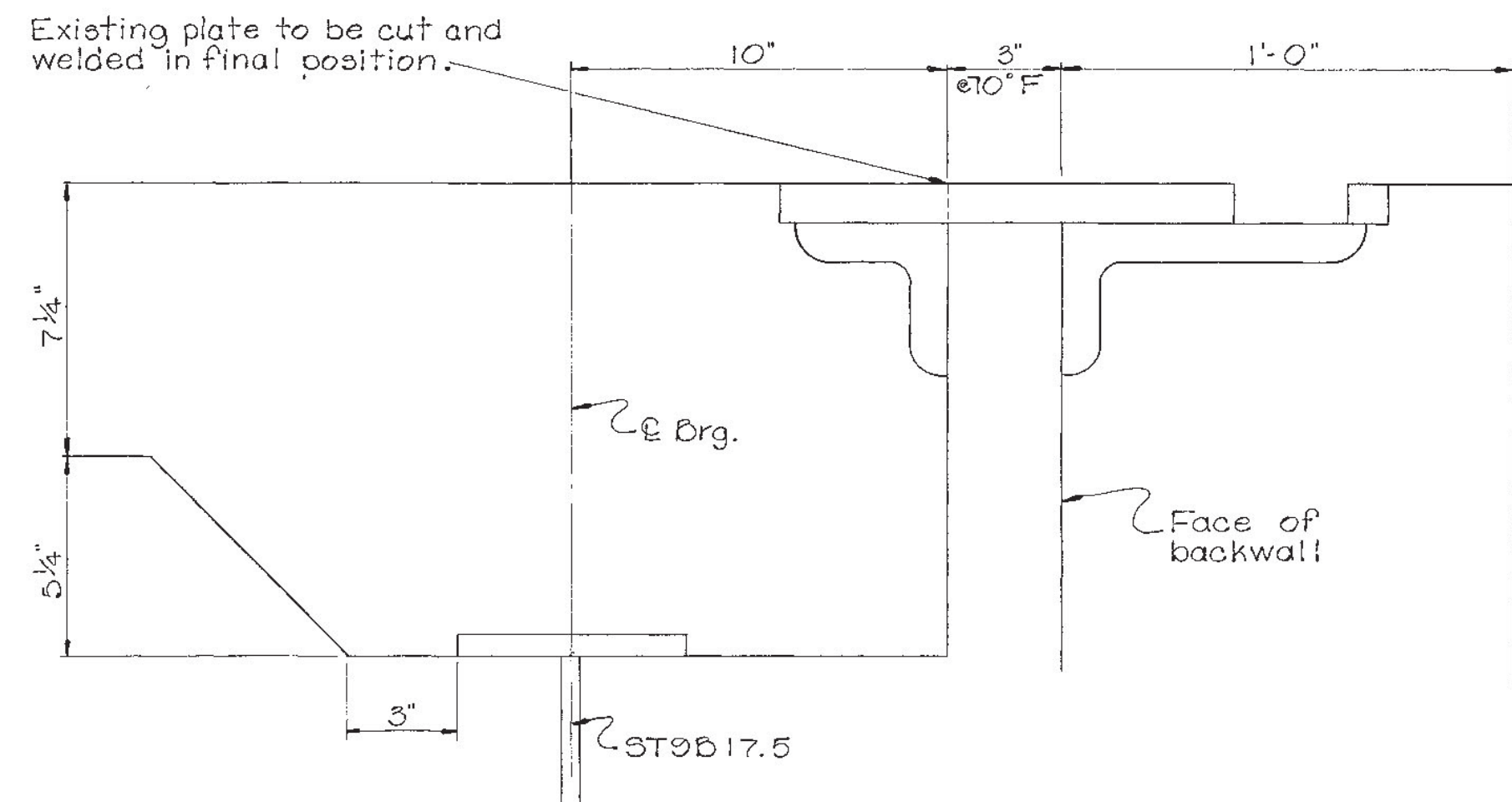
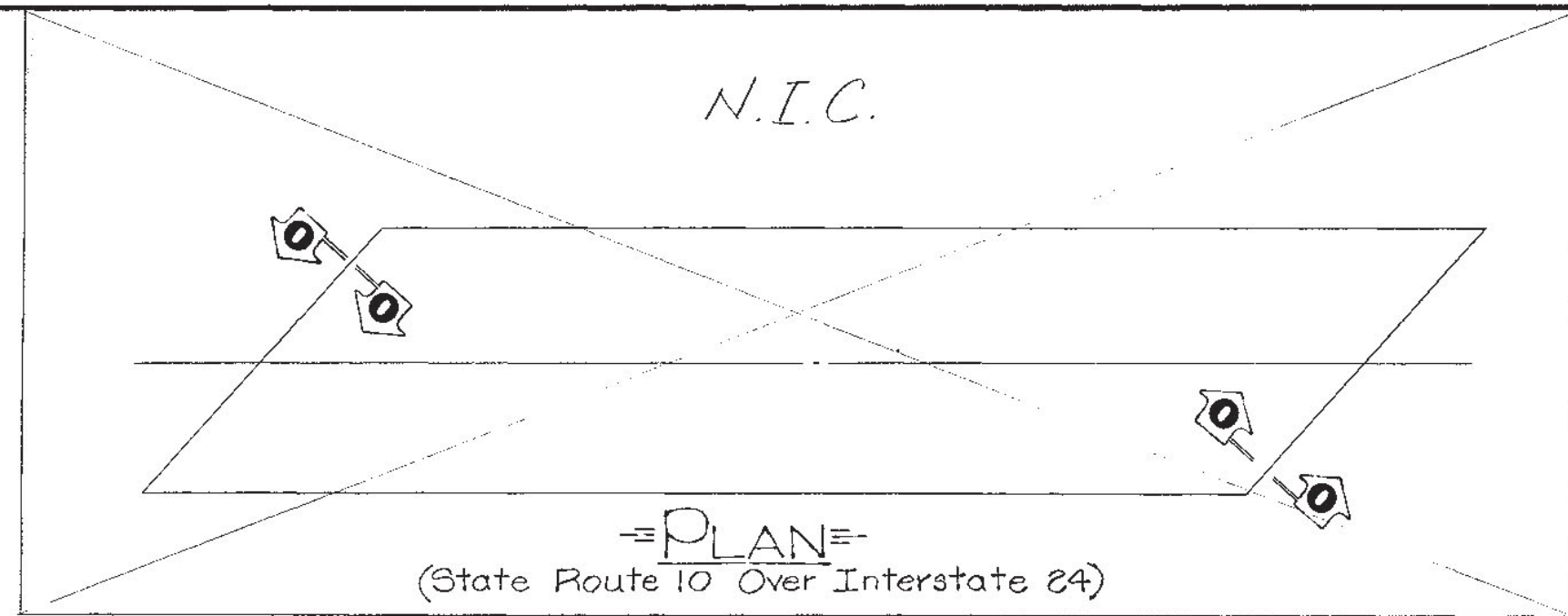
STATE OF TENNESSEE
 DEPARTMENT OF HIGHWAYS
 NASHVILLE

LAYOUT OF BRIDGE
 BUCHANAN SCHOOL ROAD OVER INTERSTATE 24
 STATION 1347+08.53
 RUTHERFORD COUNTY
 1968

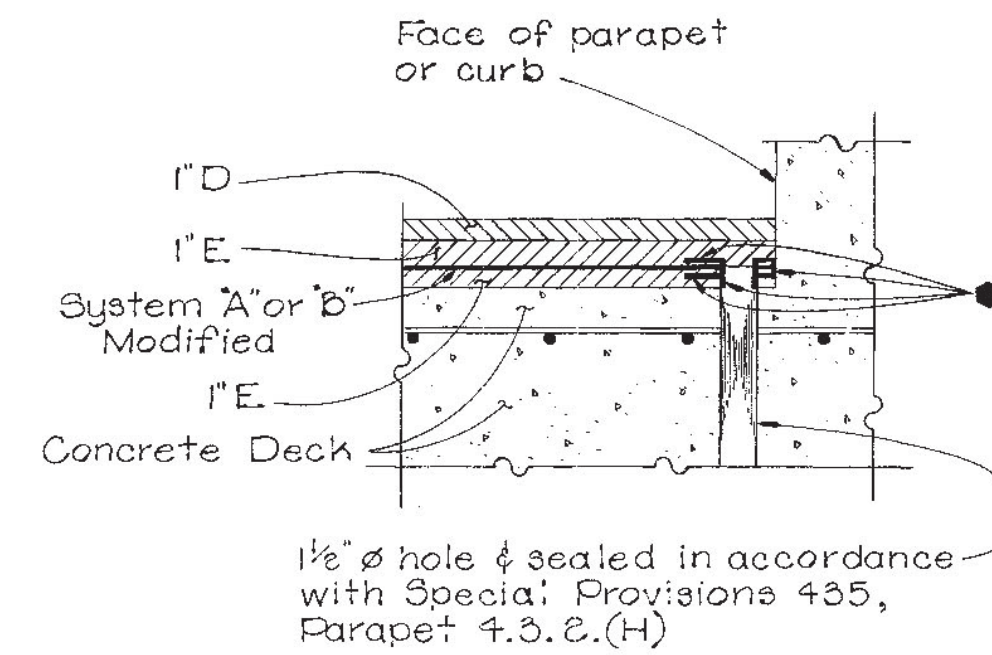
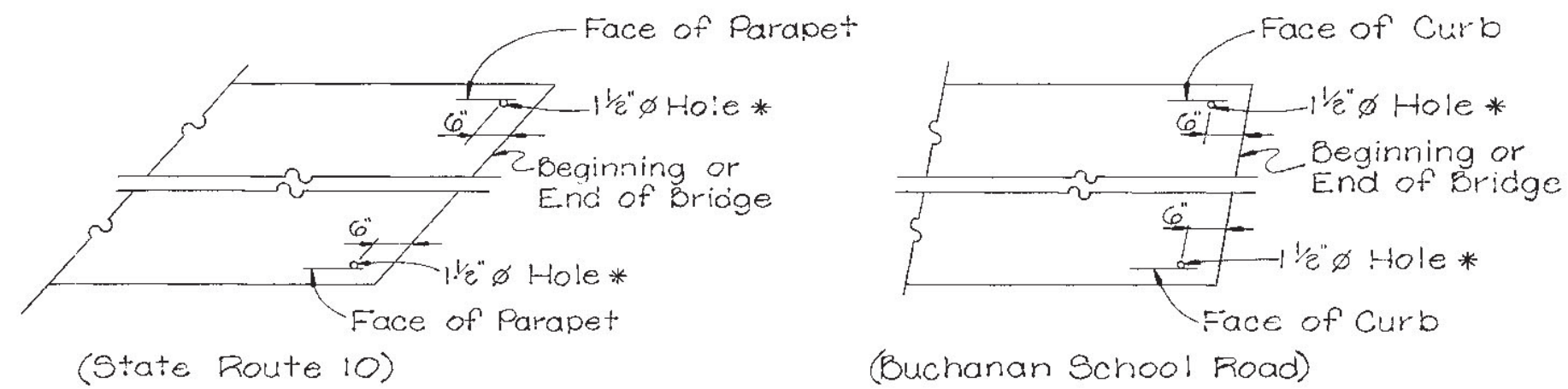
CORRECT: *W. H. H. H. H.*
 BRIDGE ENGINEER

APPROVED: *W. H. H. H. H.*
 STATE HIGHWAY ENGINEER

K-70-99



●Mastic, as recommended by manufacturer of membrane. See Special Provision 435, Paragraphs 4.3.2.(C) and 4.3.2.(D)



PROJECT NO.	YEAR	SHEET NO.
I-24-1(03)70	1976	3

REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	6-18-76		COMPLETED DRAWING

GENERAL NOTES

SPECIFICATIONS: Standard Road and Bridge Specifications of the Tennessee Department of Highways. (1968 Edition)

BRIDGE DECK SEALANT: The bridge deck and reinforced approach slab shall be sealed in accordance with Special Provision No. 435, System A or B (Modified) Special Provision Regarding Bridge Deck Sealant, dated April 1, 1976. Deck Sealant shall be paid for under a roadway item. (3,800 S.Y. Required).

LIST OF DRAWINGS

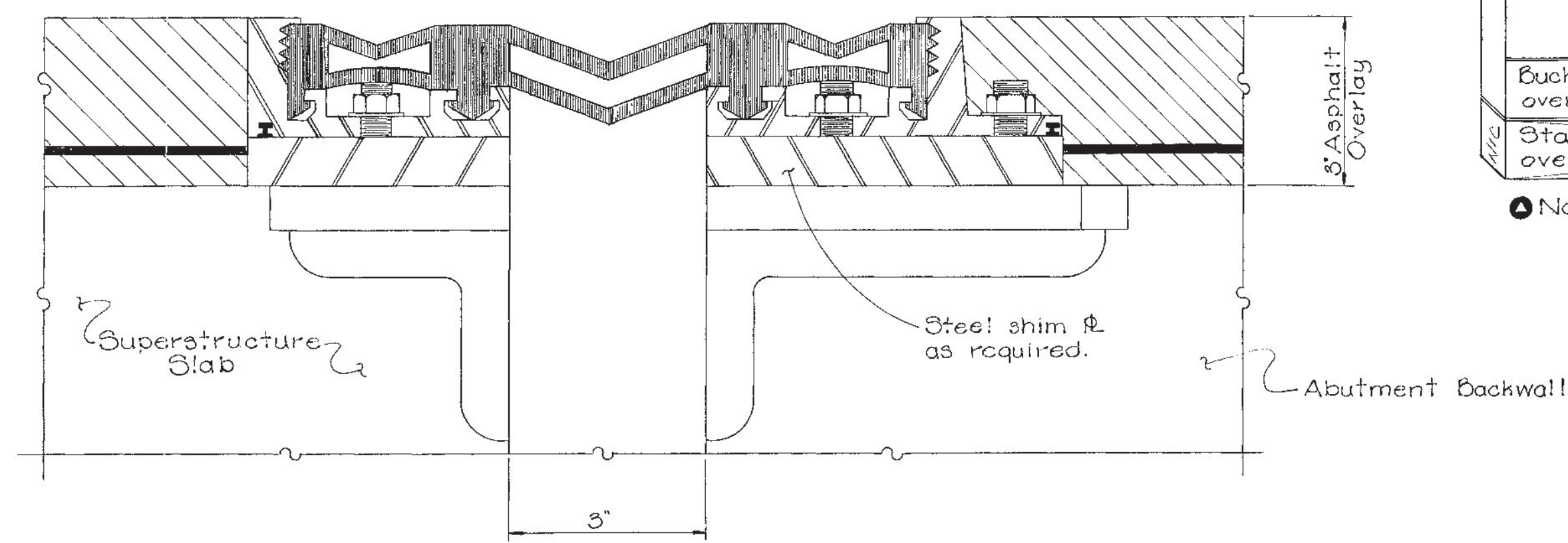
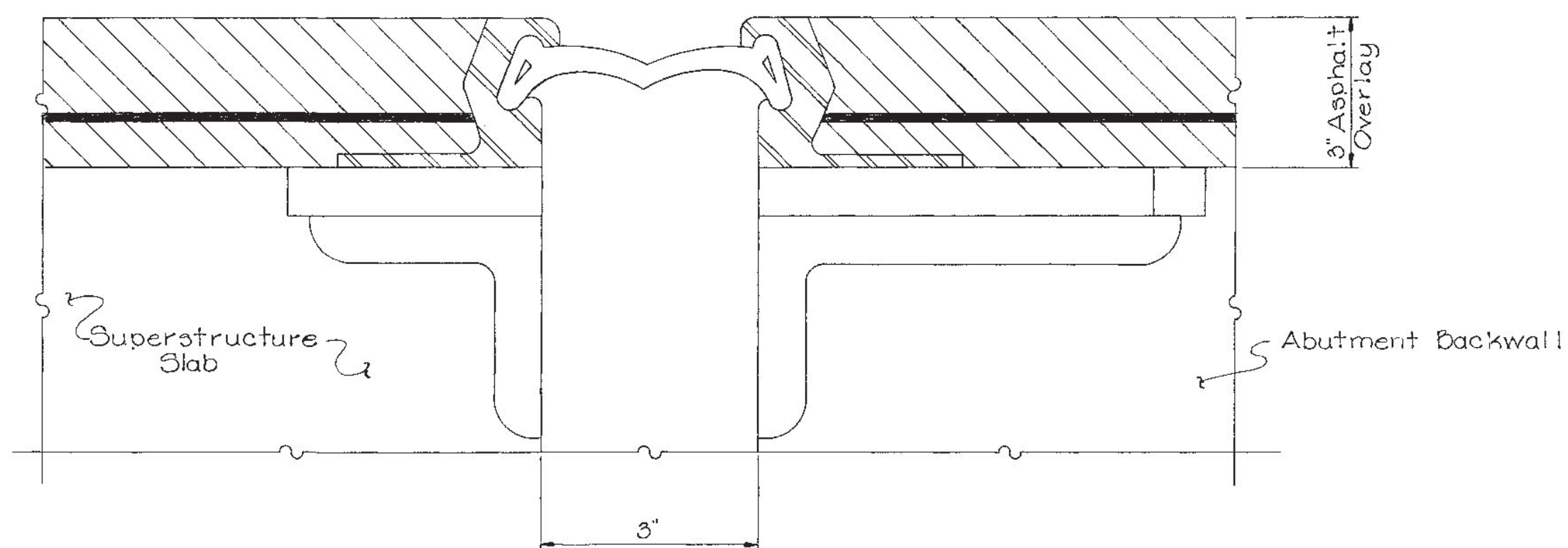
DWG. No's.

Reference Drawings	Bridge Expansion Joint & Deck Sealant Details	K-70-89A
	Layout of Bridge - Buchanan School Rd. over I-24	K-70-89
	Superstructure - Buchanan School Rd. over I-24	K-70-90
	Layout of Bridge - State Route 10 over I-24	K-83-137
	Superstructure - State Route 10 over I-24	K-83-138

ESTIMATED QUANTITIES

Item No.	920-01.11	Sys. A' 604-03.12 Sys. B' 604-03.13
Item	Roadway Expansion Device Lin. Ft.	Bridge Deck Sealant System A' or B' (Mod.) S.Y.
Buchanan School Rd. over I-24	58	262
State Route 10 over I-24	203	2,338

Note: Cost of cutting steel plates, welding in new position, furnishing and installing Watson Bowman's Strip Type 38300, D.S. Brown DeElastoflex MT300, or Old North Onflex 45, furnishing and installing steel shim plates as required to be included in cost of item 920-01.11.



NOTE: Old North Onflex 45 may be substituted for either the Watson Bowman Strip Type 38300 or the D.S. Brown DeElastoflex MT300.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

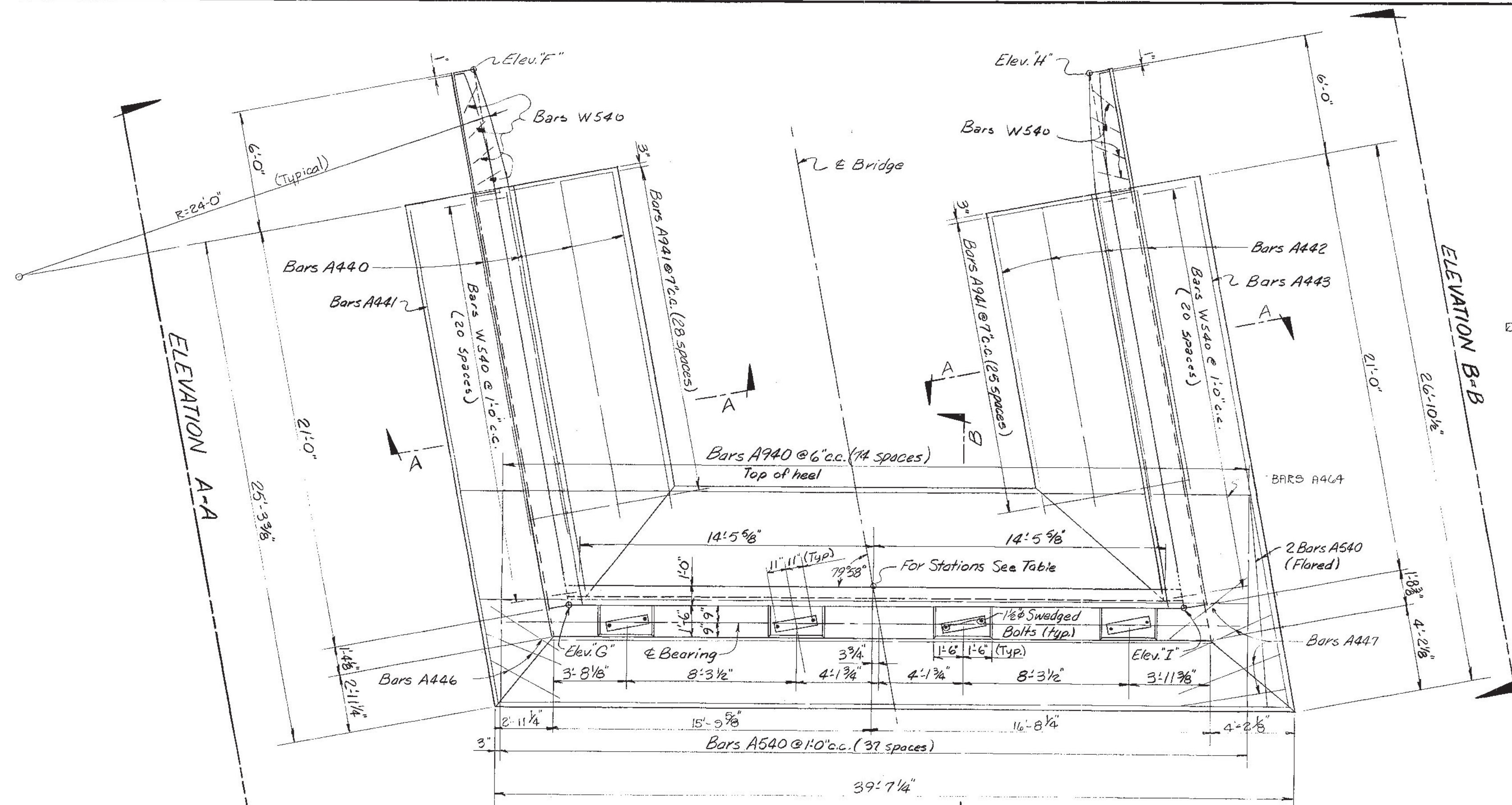
BRIDGE EXPANSION JOINT AND
DECK SEALANT DETAILS
PROJECT No. 75001-8130-44
RUTHERFORD COUNTY
1976

DESIGNED BY
DRAWN BY Jimmy "Smoky" Mason
SUPERVISED BY
CHECKED BY

DATE
June - 76
DATE
DATE

CORRECT
APPROVED
DIRECTOR OF HIGHWAYS

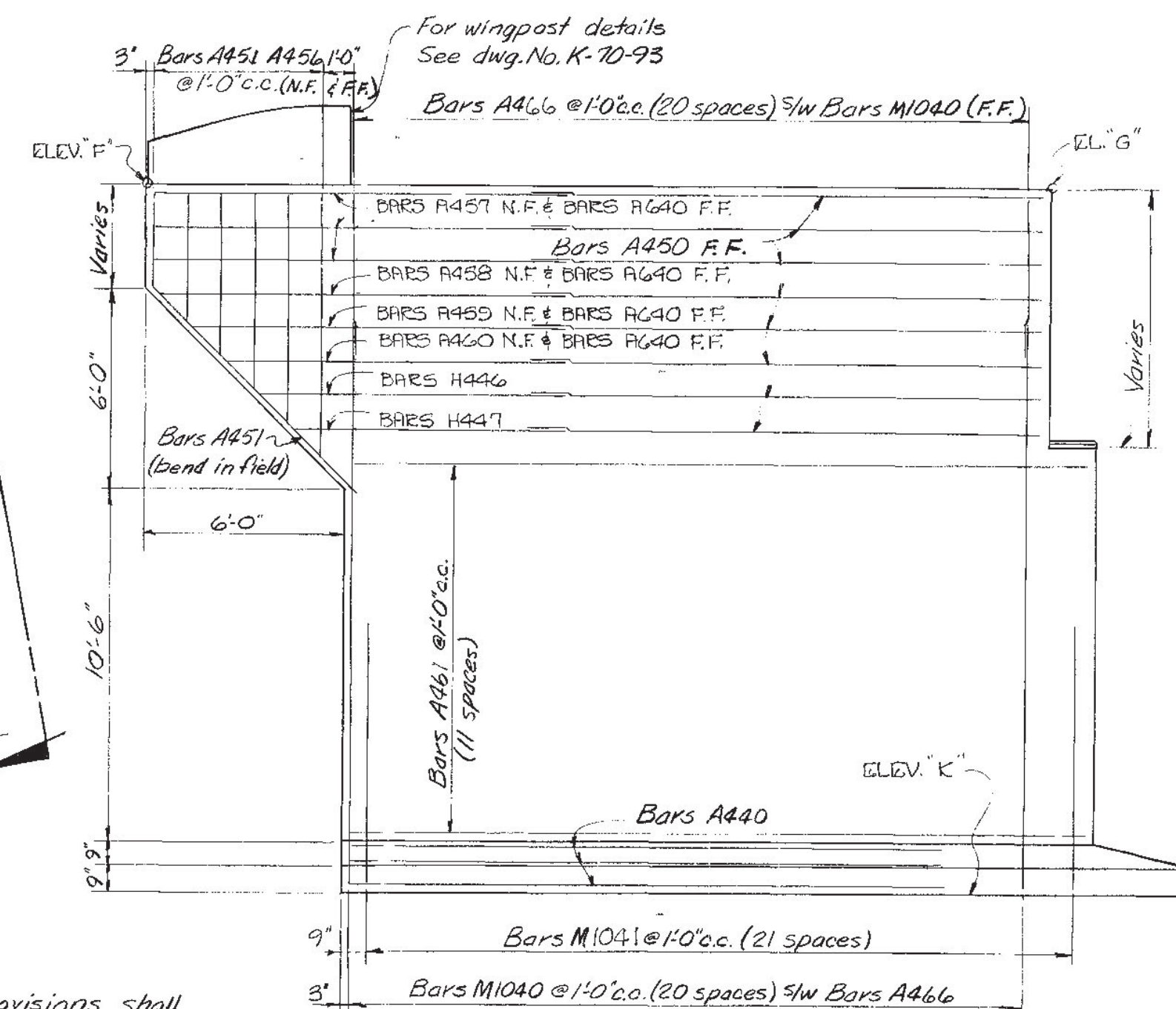
K-70-89A

[illegible]

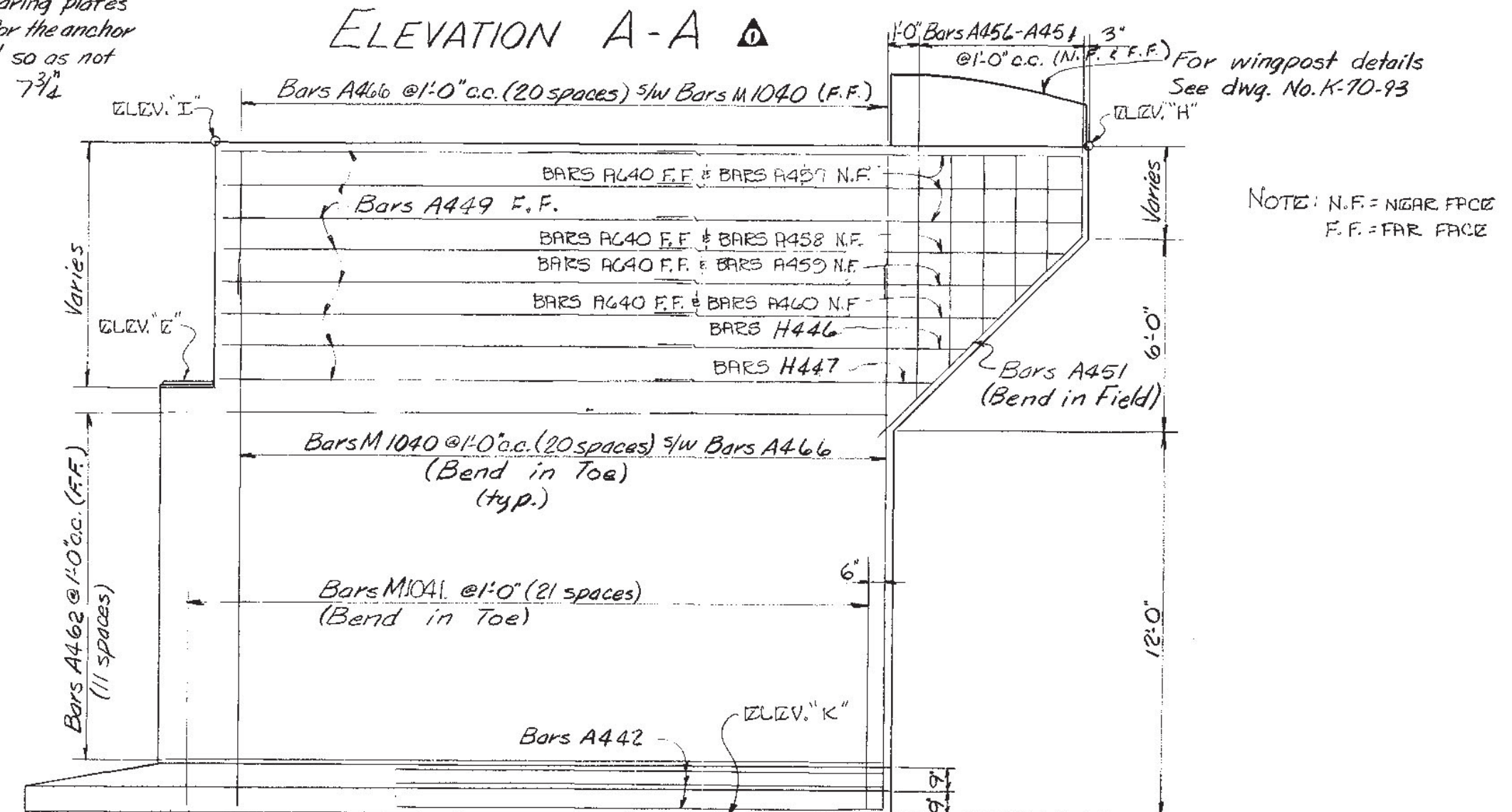
Note: For bearing details see
Dwg. No. K-70-91

PLAN

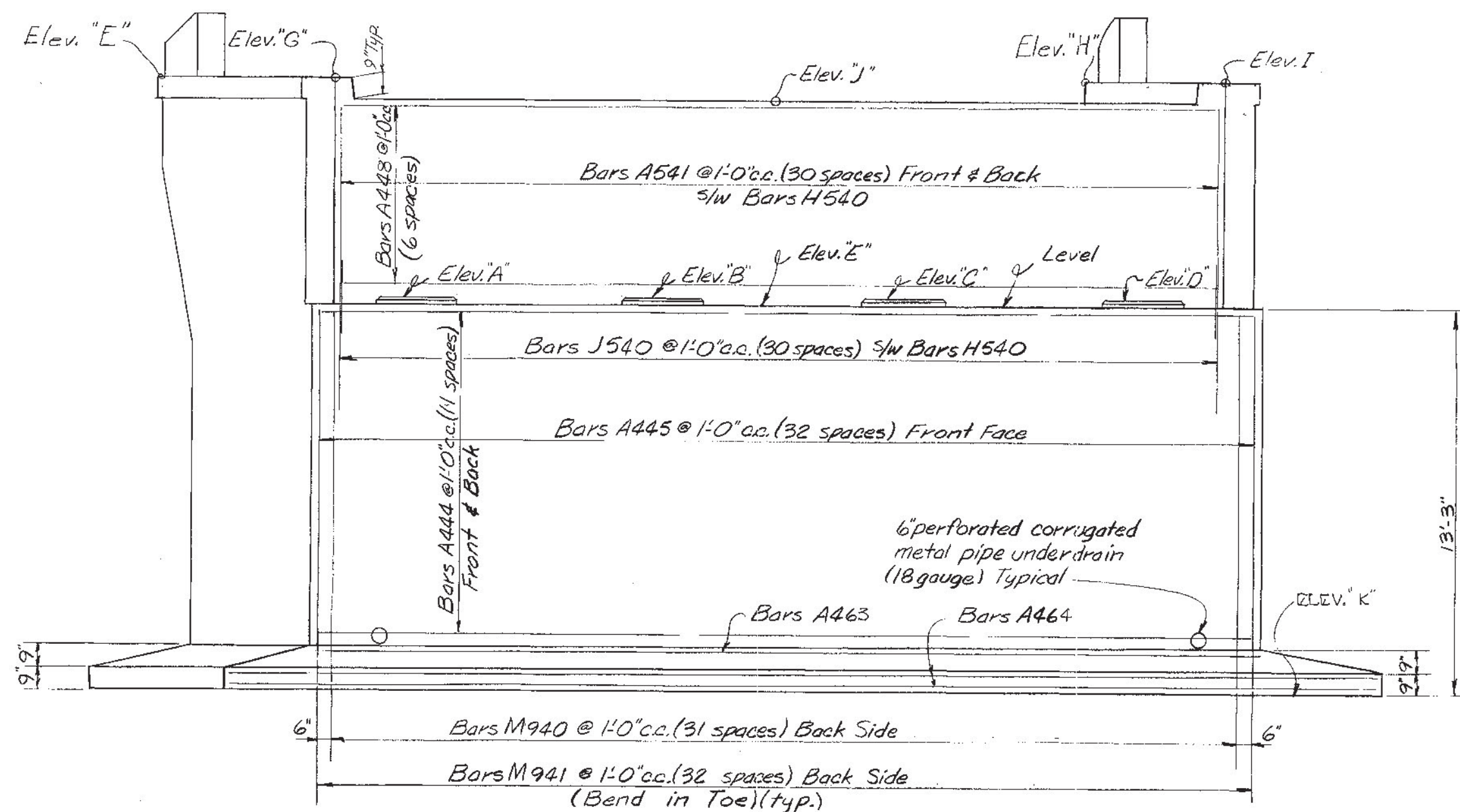
⚠ Note: When pouring Abutment Beam provisions shall be made for setting anchor bolts for bearing plates. If the contractor elects to drill the holes for the anchor bolts, the reinforcing steel shall be spaced so as not to interfere with the drilling. Projection 734



ELEVATION A-A 



NOTE: N.F. = NEAR FACE
F.F. = FAR FACE



ELEVATION

Abutment No.1 Looking back on survey
Abutment No.2 Looking forward on survey

ESTIMATED QUANTITIES

Item	Concrete Class A Cu. Yds.	Reinforcing Steel Lbs.
Abut. No.1	114	18,055
Abut. No.2	114	18,055

3- $\frac{5}{8}$ " ϕ x $7\frac{1}{2}$ " A307 ANCHOR BOLTS WITH HEX NUTS AND WASHER REQ'D @ EACH WING. (GALVANIZED TO ASTM A153.)

ELEVATION B-B 

TABLE OF STATIONS & ELEVATIONS

Item	Stations	Elevations										
		"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"	"K"
Abut. No. 1	11+56.22	696.85	696.95	696.96	696.89	696.68	704.04	704.32	704.10	704.37	703.74	683.42
Abut. No. 2	14+55.78	696.34	696.45	696.46	696.40	696.17	703.40	703.78	703.48	703.85	703.24	682.92

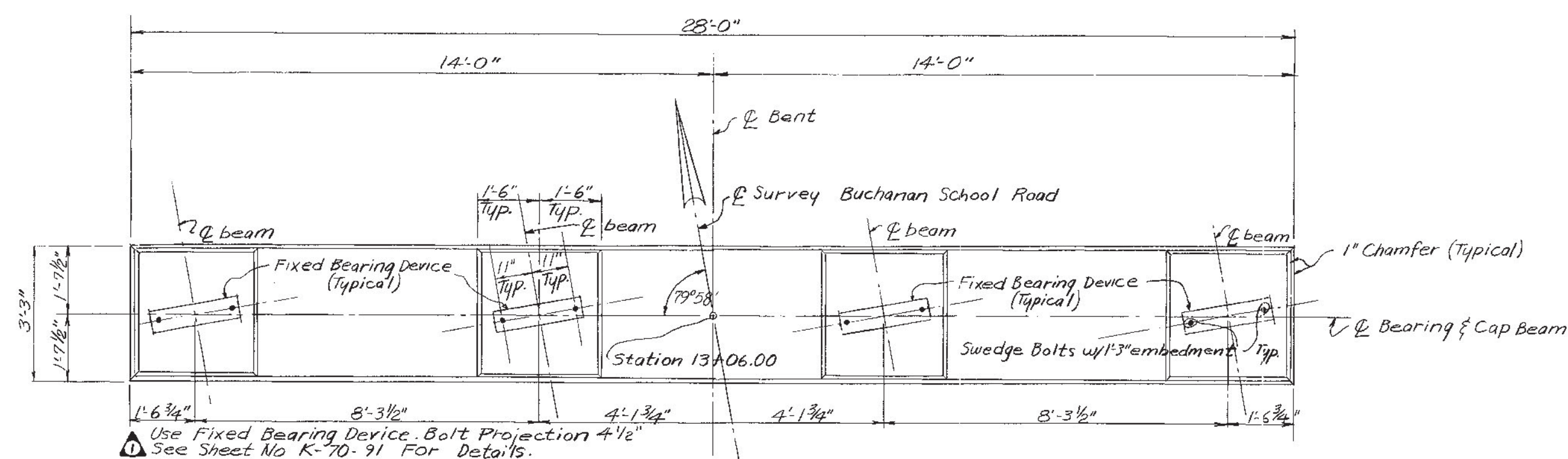
DESIGNED BY Ken Litton DATE _____
DRAWN BY Jim Fields DATE 1-68
TRACED BY _____ DATE _____
CHECKED BY K.L. DATE _____

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS
NASHVILLE

ABUTMENTS No. 1 & 2
BUCHANAN SCHOOL ROAD
OVER INTERSTATE 24
STATION 1347+08.53
RUTHERFORD COUNTY
1968

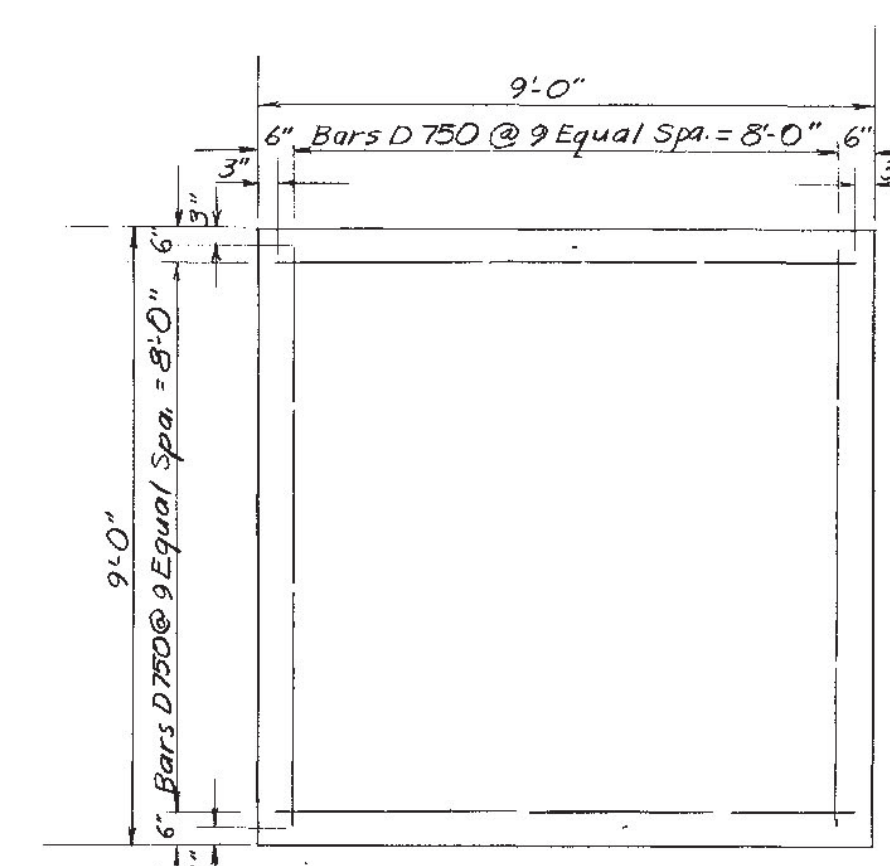
CORRECT A. H. Verhick
BRIDGE ENGINEER
APPROVED W. J. King
STATE HIGH

K-70-92

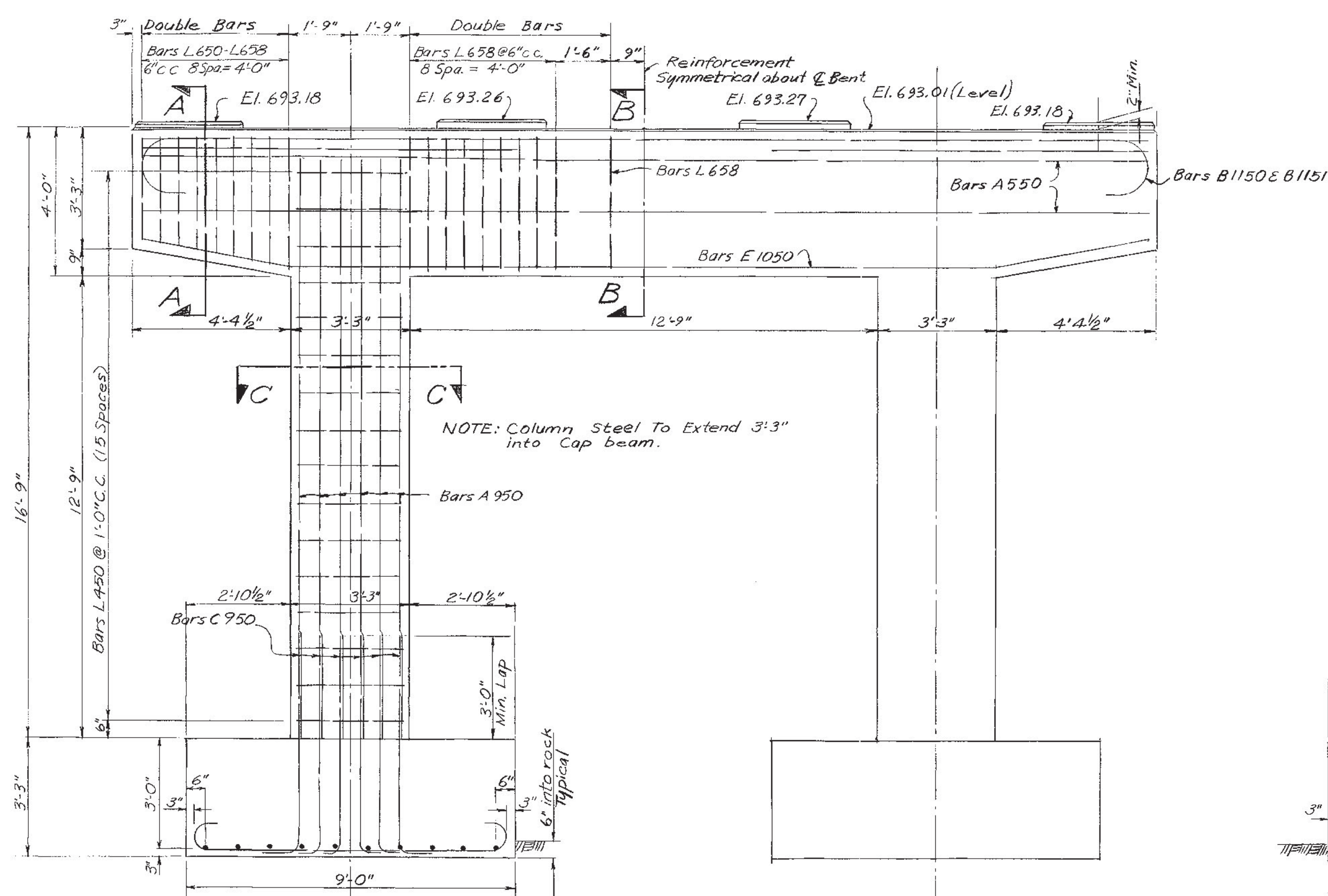
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PLAN

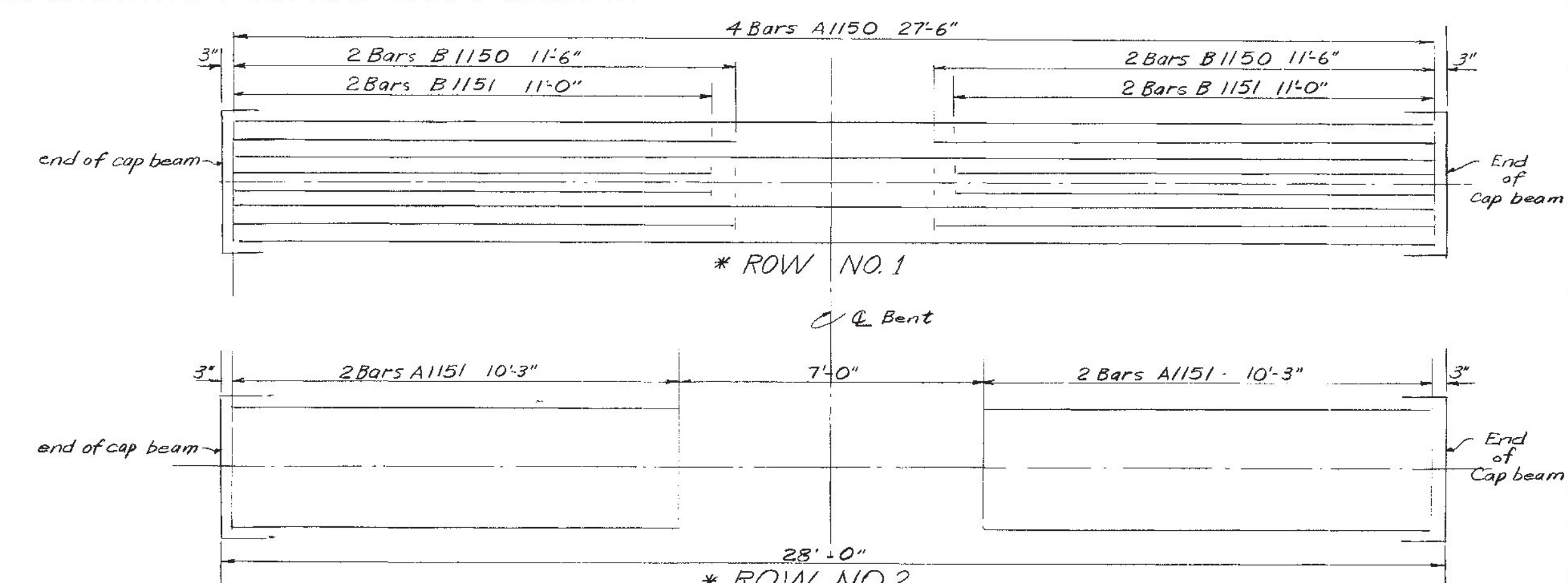
NOTE: When Pouring Cap beam provisions shall be made for setting anchor bolts for bearing Plates. If the contractor elects to drill the holes for the anchor bolts, the reinforcing steel shall be spaced so as not to interfere with the drilling. Location and Projection of Anchor bolts shown this sheet.



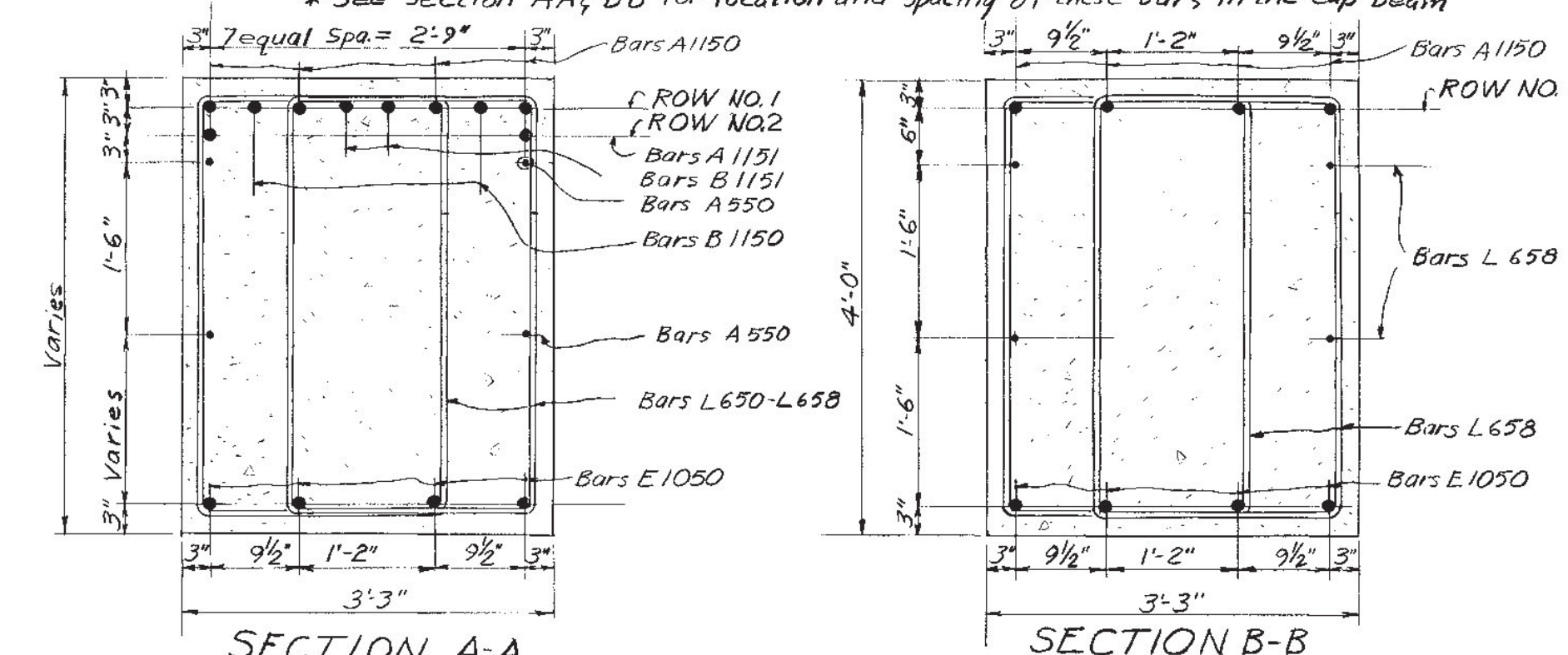
PLAN SHOWING FOOTING REINFORCEMENT



ELEVATION
Looking forward on Survey

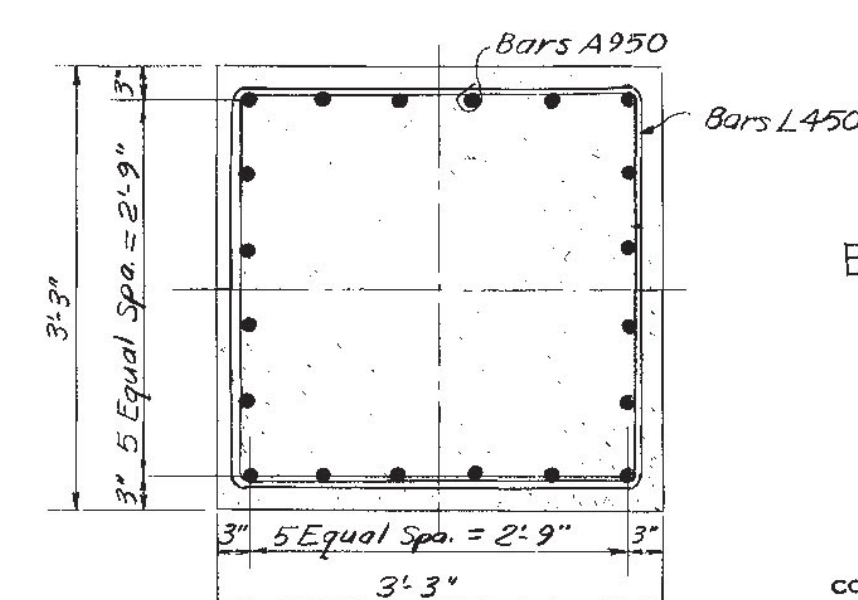


PLAN OF MAIN REINFORCEMENT- TOP OF CAP BEAM
* See Section AA & BB for location and Spacing of these Bars in the Cap Beam



SECTION A-A

SECTION B-B



SECTION C-C

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS
NASHVILLE

BENT
BUCHANAN SCHOOL ROAD OVER INTERSTATE 24
STATION 1347+08.53
RUTHERFORD COUNTY
1968

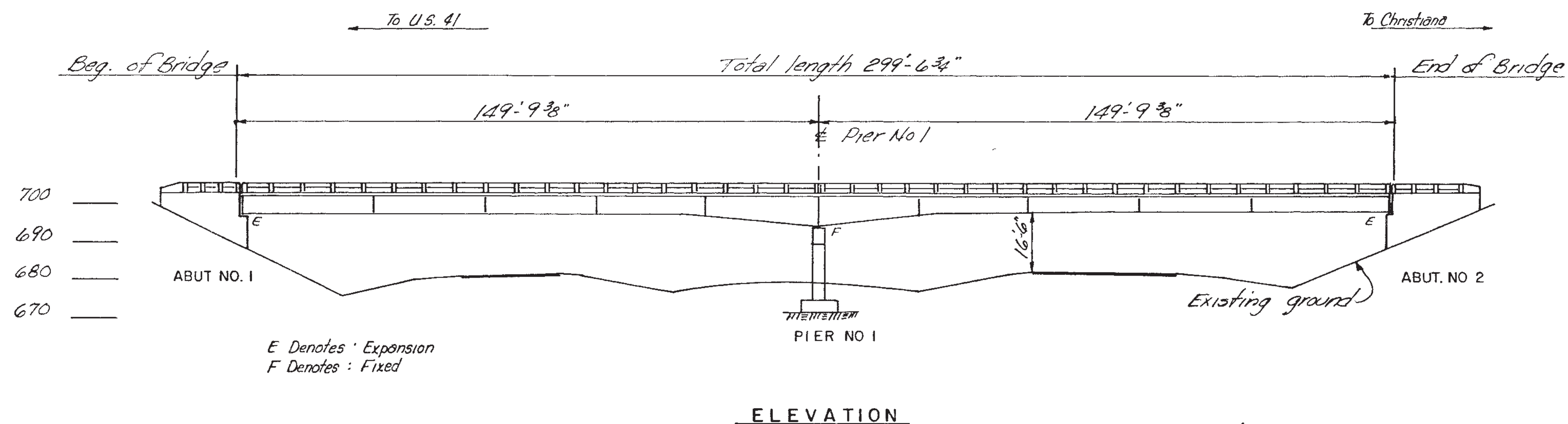
CORRECT *W. R. H. H. H.*
BRIDGE ENGINEER
APPROVED *W. R. H. H. H.*
STATE HIGHWAY ENGINEER

K-70-94

DESIGNED BY Ken Litton DATE JAN. '68"
DRAWN BY Ken Litton DATE JAN '68"
TRACED BY _____ DATE _____
CHECKED BY _____ DATE _____

ESTIMATED QUANTITIES	
BENT {	CONCRETE CLASS A CU YDS. 42.9
	REINFORCING STEEL LBS. 7689

GENERAL

[illegible]

LIST OF BRIDGE DRAWINGS

DWG NO	LAST REV DATE	DESCRIPTION
BR-17-35	10-9-95	LAYOUT OF BRIDGE
BR-17-36	10-9-95	GENERAL NOTES AND ESTIMATED BRIDGE QUANTITIES
BR-17-37		SUPERSTRUCTURE
BR-17-38		SUPERSTRUCTURE DETAILS
BR-17-39		CONCRETE DETAILS - ABUTMENTS 1 & 2
BR-17-40		REINFORCING DETAILS - ABUTMENTS 1 & 2
BR-17-41		BILL OF STEEL

LIST OF REFERENCE DRAWINGS

(TO BE PRINTED WITH PLANS)

DWG NO	DESCRIPTION
K-70-89	LAYOUT OF BRIDGE
K-70-90	SUPERSTRUCTURE
K-70-91	STRUCTURAL STEEL DETAILS
K-70-92	ABUTMENTS NO 1 & 2
K-70-93	ABUTMENT DETAILS
K-70-95	BILL OF STEEL

LIST OF STANDARD DRAWINGS

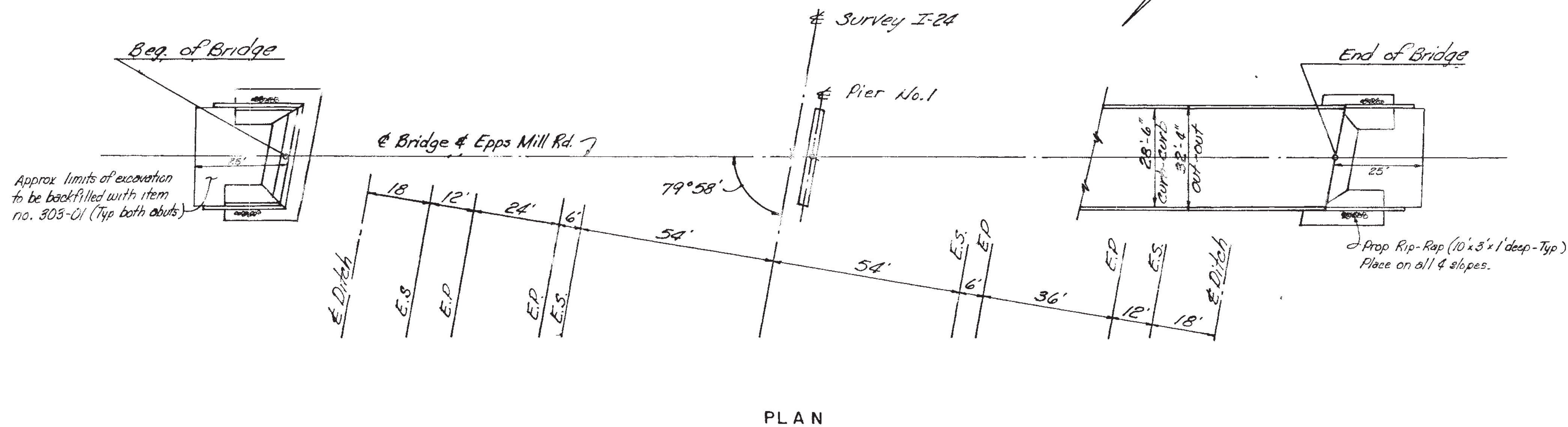
LIST OF STANDARD DRAWINGS		
DWG NO.	LAST REV. DATE	DESCRIPTION
BR-2-115	7-29-92	GENERAL NOTES AND DETAILS FOR EXPANSION JOINT REPLACEMENT CONSTRUCTION TYPES "A" THRU "J"
BR-2-116	7-29-92	GENERAL NOTES AND DETAILS FOR EXPANSION JOINT REPLACEMENT CONSTRUCTION TYPES "A" THRU "J"
BR-2-117	7-29-92	STRIP SEAL EXPANSION JOINTS - REPLACEMENT CONSTRUCTION DETAILS TYPES "A" AND "B"
STD-12-1	11-12-93	GUARDRAIL ATTACHMENT AND TRANSITION DETAILS - 1987

* DENOTES DRAWING TO BE PRINTED WITH PLANS

LIST OF SPECIAL PROVISIONS

<u>LIST OF SPECIAL PROVISIONS</u>		
NO	LAST REV DATE	REGARDING
100	XX	REVISIONS AND ADDITIONS TO STANDARD SPECIFICATIONS
105A	XX	APPROVAL OF SHOP DRAWINGS
209	XX	EROSION AND SILTATION CONTROL
604	XX	CONCRETE STRUCTURES
604S	XX	STRIP SEAL EXPANSION JOINTS
604CX	XX	CONTRACTOR MIX DESIGN AND TESTING STRUCTURAL CONCRETE
709	XX	MACHINED RIP-RAP
907A	XX	EPOXY COATED REINFORCING STEEL

XX DENOTES CURRENT REVISION DATE AS PER CONTRACT DOCUMENTS



GENERAL SCOPE OF WORK

- 1 REMOVE EXISTING 4-1/2"± ASPHALT SURFACE FROM ENTIRE LENGTH AND WIDTH OF BRIDGE, AND FOR AN ADDITIONAL 25' TRANSITIONAL LENGTH BEYOND EACH END SEE DETAIL, DWG NO 3
- 2 REPAIR CONCRETE SLAB IN AREAS OF PARTIAL DEPTH DECK REPAIR WITHIN LIMITS DESIGNATED BY THE ENGINEER, SEE DETAIL SHT NO BR-17-38
- 3 REPAIR BACKWALLS AND WINGWALLS ON BOTH ABUTMENTS SEE DETAILS, DWG NOS BR-17-39 & BR-17-40
- 4 INSTALL TYPE "A" STRIP SEAL EXPANSION JOINTS AT BOTH ABUTMENTS SEE STD DWG NOS BR-2-115, BR-2-116, BR-2-117 AND DWG NO BR-17-38
- 5 RESET BEARINGS AT BOTH ABUTMENTS, SEE DETAIL, DWG NO BR-17-37.
- 6 PLACE RIP-RAP ALONG WINGWALLS AT ALL FOUR CORNERS OF ABUTMENTS
- 7 REMOVE AND REPLACE GUARDRAIL AT BRIDGE ENDS
- 8 RE-PAVE BRIDGE AND APPROACHES
- 9 REPAIR CRACKS IN PIER WITH EPOXY INJECTION

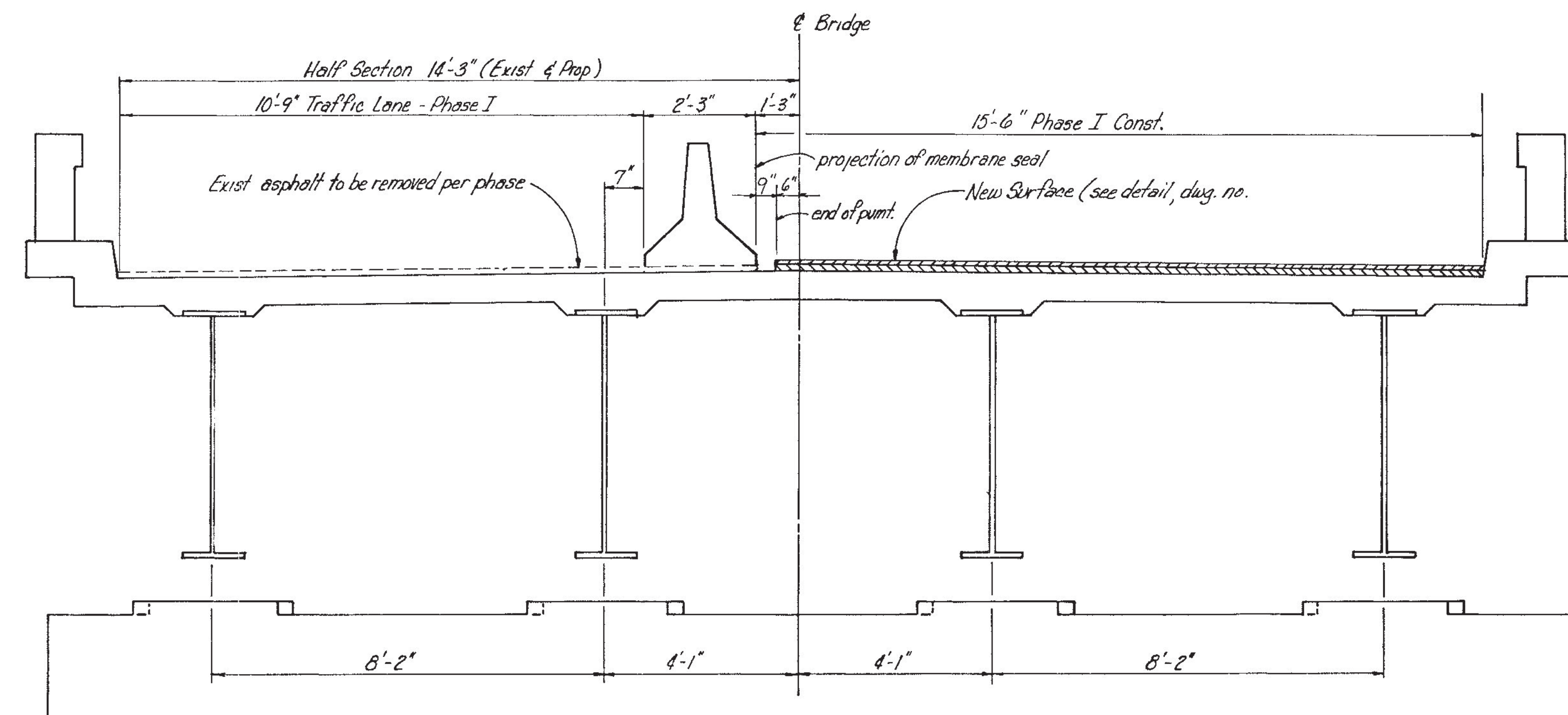
DESIGNED BY C. Rogers DATE _____
 DRAWN BY C. Rogers DATE _____
 SUPERVISED BY _____ DATE _____
 CHECKED BY _____ DATE _____

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

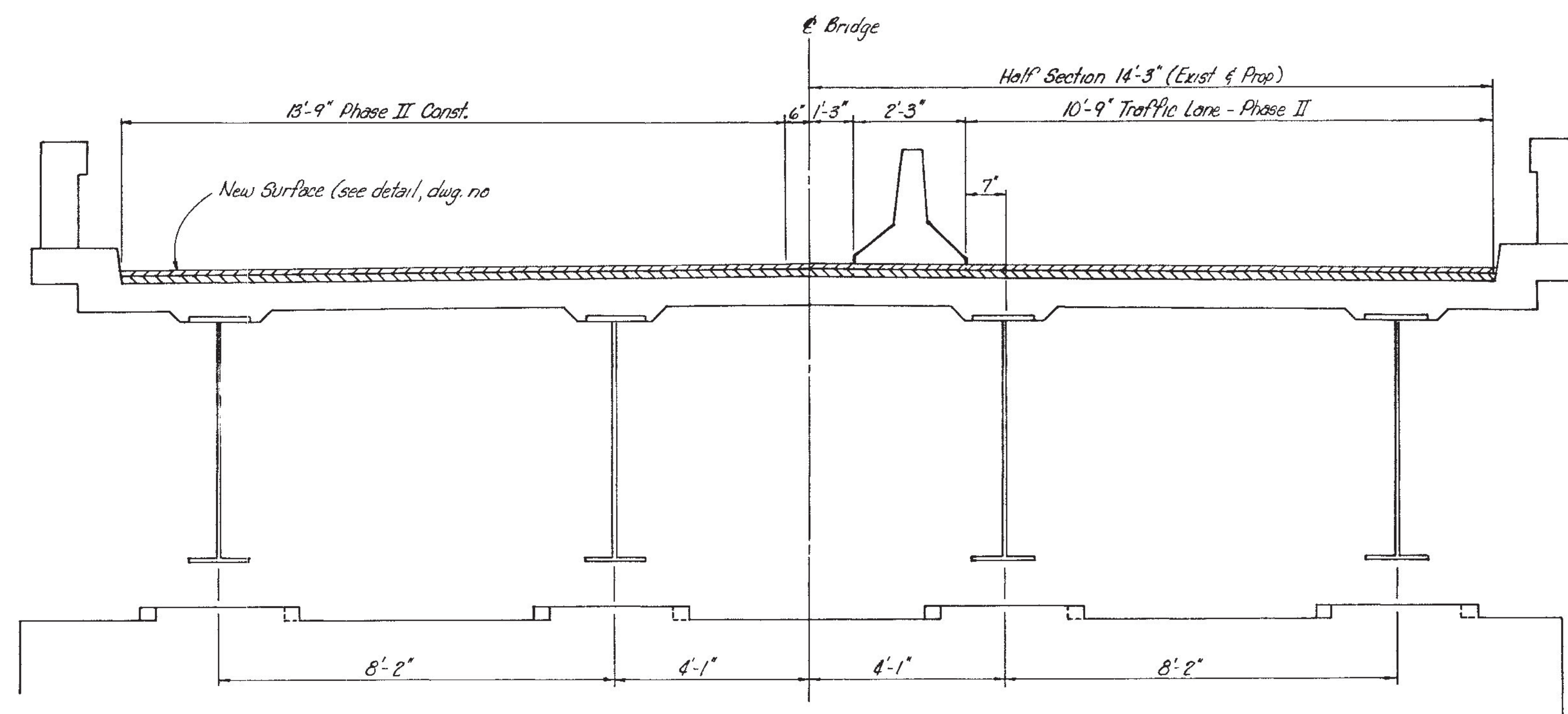
LAYOUT OF BRIDGE

BRIDGE NO - 75-1044 - 0.48
EPPS MILL ROAD
OVER 1-24
RUTHERFORD COUNTY
1995

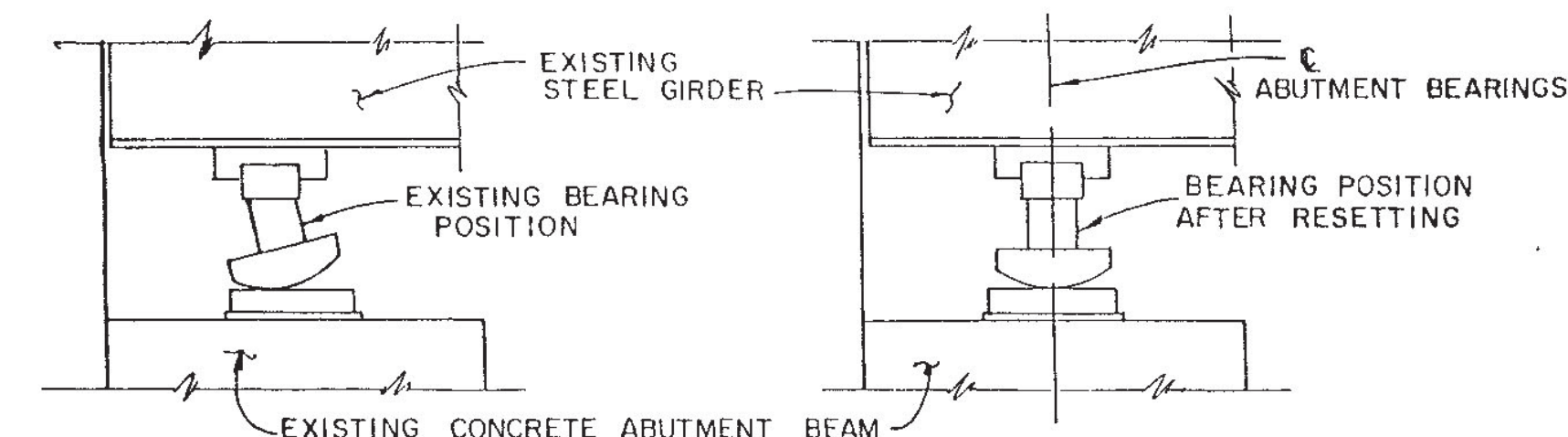


[illegible]

TYPICAL CROSS SECTION- PHASE I CONSTRUCTION



TYPICAL CROSS SECTION-PHASE II CONSTRUCTION



EXISTING EXPANSION BEARING

RESET EXPANSION BEARING

NOTE BEARING DEVICES ARE TO BE RESET TO A VERTICAL POSITION AT 60 DEGREES FAHRENHEIT AT TEMPERATURES OTHER THAN 60 DEGREES FAHRENHEIT, BEARING SHALL BE SET AS INSTRUCTED BY THE ENGINEER TEMPERATURE SHALL BE THE BEAM TEMPERATURE ALL WORK SHALL MEET WITH THE FULL SATISFACTION OF THE ENGINEER

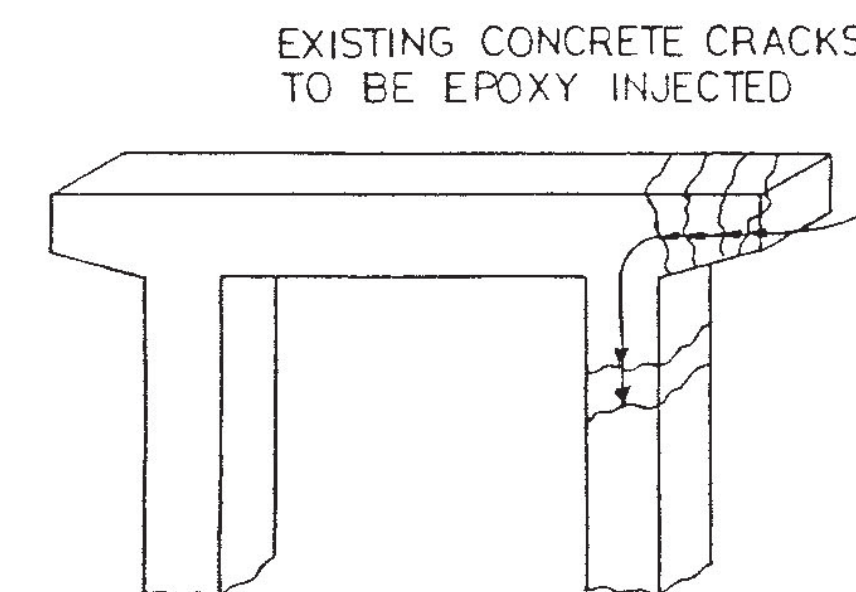
NOTE COST OF RESETTING EXPANSION BEARINGS INCLUDING ALL JACKING, REMOVING THE EXISTING SOLE PLATE AND REWELDING TO THE BOTTOM FLANGE OF THE GIRDER, LABOR, SURFACE PREPARATION AND PAINTING, AND ANY MISCELLANEOUS MATERIALS NEEDED TO COMPLETE THE REPAIRS TO BE PAID FOR UNDER ITEM NO 602-10 01, STRUCTURAL STEEL REPAIRS L S

GENERAL NOTES AND SPECIFICATIONS FOR EPOXY INJECTION OF EXISTING STRUCTURAL CRACKS

NOTE ALL CRACKS SMALLER THAN 1/4" SHALL BE INJECTED WITH AN APPROVED EPOXY RESIN ADHESIVE. ALL CRACKS 1/4" OR LARGER SHALL BE INJECTED WITH AN APPROVED EPOXY RESIN ADHESIVE OF THE GEL TYPE

EXTREME CAUTION SHALL BE TAKEN WHEN SELECTING A PRESSURE NECESSARY TO COMPLETE THE EPOXY INJECTION CRACK REPAIR SO AS NOT TO DAMAGE THE STRUCTURE BY CAUSING ADDITIONAL CRACKING. IF ADDITIONAL DAMAGE OCCURS, THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY. ALL EPOXY INJECTION WORK SHALL MEET WITH THE FULL APPROVAL OF THE ENGINEER.

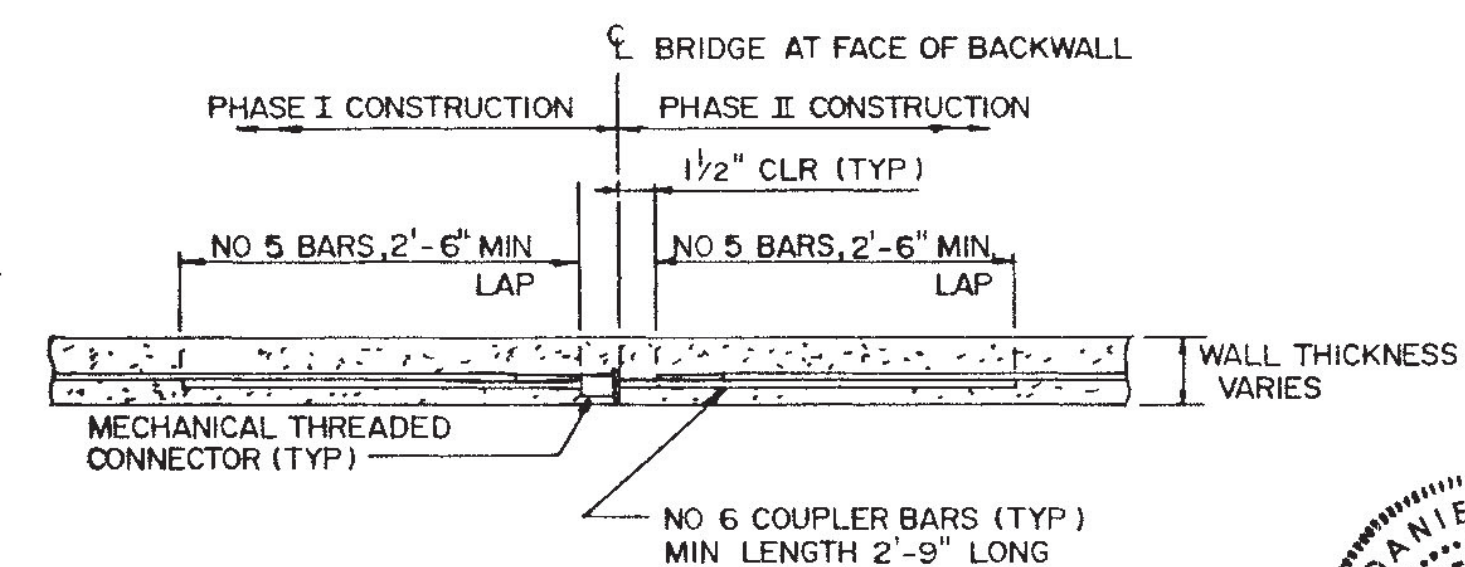
NOTE ALL EPOXY INJECTION CONTRACTORS AND/OR SUBCONTRACTORS SHALL BE APPROVED BY THE TENNESSEE DEPARTMENT OF TRANSPORTATION, DIVISION OF MATERIALS AND TEST



NOTE COST OF ALL LABOR AND
MISCELLANEOUS MATERIALS
NECESSARY TO COMPLETE THE
EPOXY INJECTION REPAIRS TO
EXISTING CONCRETE CRACKS SHALL
BE INCLUDED UNDER ITEM NO.
604-10 62, EPOXY INJECTION
REPAIRS, (COMPLETE AND IN
PLACE) L F.

NOTE: THE ENGINEER SHALL
DESIGNATE ALL AREAS OF REPAIR

ELEVATION - PIER NO. 1



TYPICAL DETAIL AT CONSTRUCTION JOINT

NOTE THE COST OF MECHANICAL THREADED CONNECTORS AND THE COST OF THREADING THE COUPLER BARS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO 604-10.18, REINFORCING STEEL (REPAIRS), LBS

DESIGNED BY C Rogers DATE _____
 DRAWN BY C Rogers DATE _____
 SUPERVISED BY _____ DATE _____
 CHECKED BY _____ DATE _____

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

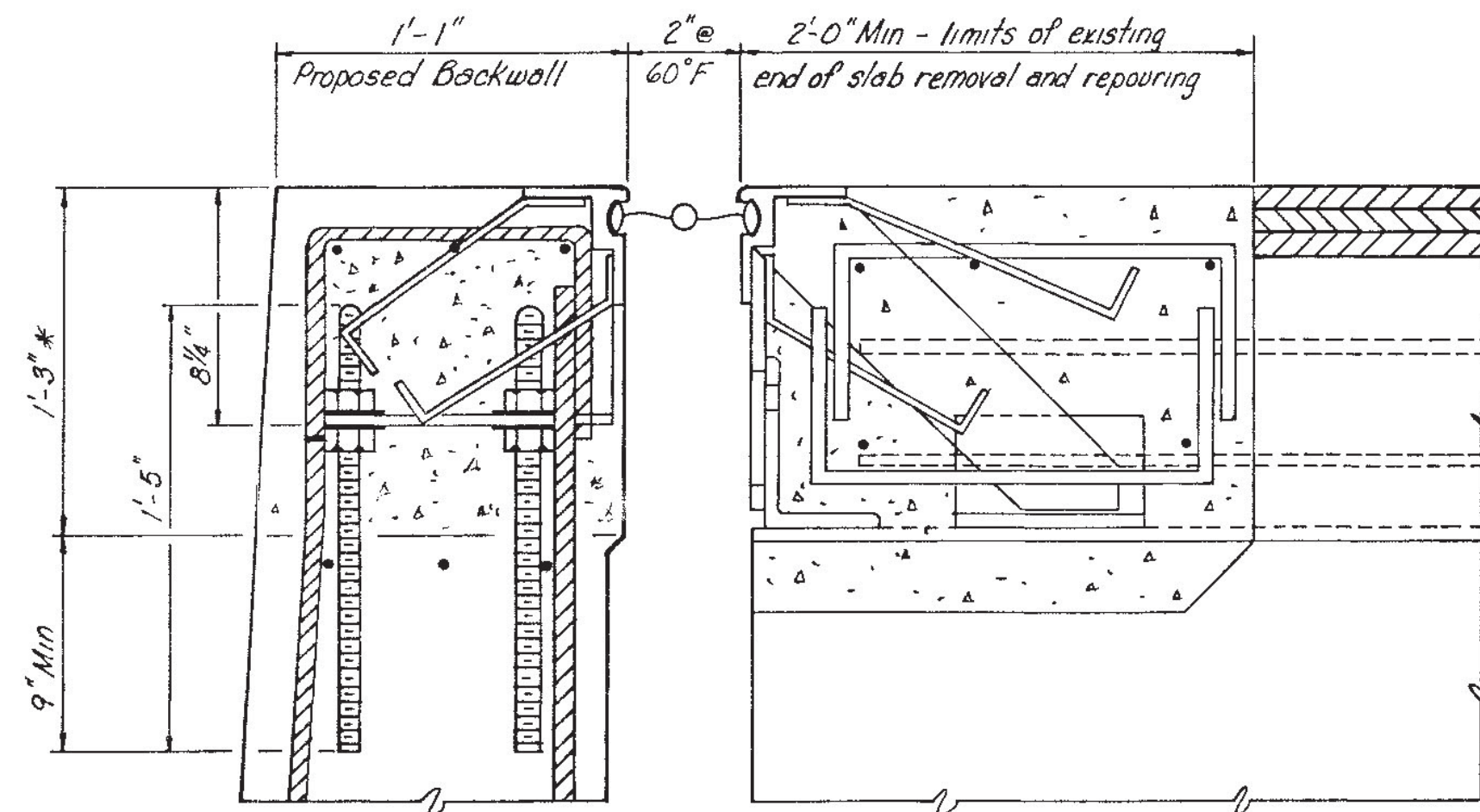
SUPERSTRUCTURE

BRIDGE NO - 75 - 1044 - 0.48

EPPS MILL ROAD
OVER I-24
RUTHERFORD COUNTY
1995



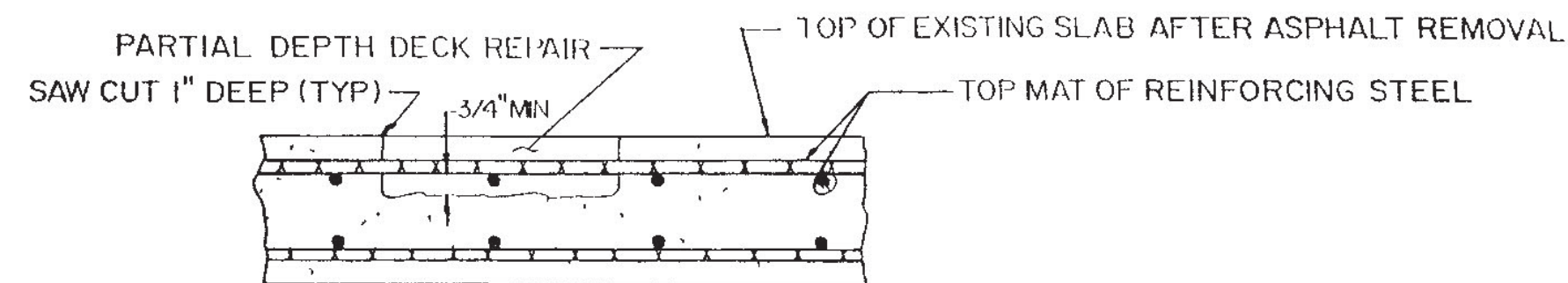
* Denotes : Concrete within these limits shall be paid for under item no 604-10.32, L.F.



TYPICAL SECTION AT
ABUTMENT BACKWALL

TYPICAL SECTION AT END
OF BRIDGE SLAB

TYPICAL ABUTMENTS NO. 1 AND NO. 2



DETAIL SHOWING PARTIAL DEPTH DECK REPAIR

CONCRETE FOR DECK REPAIR SHALL BE HIGH EARLY STRENGTH CONCRETE, $f_c = 3500$ psi AT 28 DAY STRENGTH. TRAFFIC SHALL NOT BE PERMITTED ON ANY OF THE REPAIRED AREAS UNTIL TEST SPECIMENS ATTAIN A COMPRESSIVE STRENGTH OF 3000 psi MINIMUM AND THE CONCRETE HAS BEEN IN PLACE A MINIMUM OF TEN (10) DAYS.

REMOVE CONCRETE IN ALL DELAMINATED AREAS TO A DEPTH OF 3/4" BELOW THE TOP BAR OF THE TOP MAT OF REINFORCING STEEL. ALL REINFORCING STEEL IN AREAS OF DECK REPAIR SHALL BE BLAST CLEANED. AREAS OF CONCRETE REMOVAL SHALL BE DESIGNATED BY PERSONNEL FROM THE HEADQUARTERS, BRIDGE INSPECTION AND REPAIR OFFICE. DECK REPAIR WILL BE PAID FOR UNDER ITEM NO. 604-10.50, BRIDGE DECK REPAIR (PARTIAL DEPTH OF SLAB). POWER DRIVEN HAND TOOLS USED FOR THE REMOVAL OF UNSOUND CONCRETE IN MAKING PARTIAL DEPTH REPAIRS ARE SUBJECT TO THE FOLLOWING RESTRICTIONS: 1) PNEUMATIC HAMMERS HEAVIER THAN NOMINAL 35 POUND CLASS SHALL NOT BE USED. 2) CHIPPING HAMMERS OF THE 15 POUND CLASS SHALL BE USED TO REMOVE CONCRETE FROM BENEATH ANY REINFORCING STEEL.

NOTE: ITEM NO 604-10.50 SHALL BE BID WITH THE CONTINGENCY THAT THIS ITEM MAY BE INCREASED, DECREASED OR ELIMINATED AS DIRECTED BY THE ENGINEER.

NOTES

- EXPANSION JOINT REPLACEMENT DETAILS SHOWN ON THIS SHEET ARE FOR GENERAL INFORMATION ONLY. FOR COMPLETE DETAILS AND NOTES, SEE STD DWGS BR-2-115, BR-2-116 AND BR-2-117, ALSO SEE SPECIAL PROVISION 604S.
- EXPANSION JOINT REPLACEMENT SHALL BE CONSTRUCTED IN PHASES AS SHOWN ON DWG NO BR-17-37. THE STEEL PORTIONS OF THE EXPANSION DEVICE SHALL BE FABRICATED IN SECTIONS IN ORDER TO MAINTAIN ONE (1) TRAFFIC LANE AT ALL TIMES. THE SECTIONS ARE TO BE CONNECTED WITH A FULL PENETRATION BUTT WELD. THE ELASTOMERIC SEAL SHALL BE ONE PIECE FOR FULL LENGTH OF EXPANSION JOINT INCLUDING CURB FACE PROJECTIONS.
- EXPANSION JOINT OPENING SHALL BE SET ACCORDING TO TEMPERATURE CHART SHOWN ON APPROVED EXPANSION JOINT SHOP DRAWINGS.
- PROVISIONS SHALL BE MADE BY THE CONTRACTOR TO ENSURE THE VERTICAL ALIGNMENT OF THE NEW STEEL EXTRUSION AND CONCRETE HEADER SURFACES CONFORM TO THE EXISTING ROADWAY PROFILE.
- PROVISIONS SHALL BE MADE DURING CONCRETE REMOVAL TO PROTECT THE EXISTING REINFORCING STEEL FROM DAMAGE. THE EXISTING REINFORCING STEEL SHALL BE COMPLETELY CLEANED, REALIGNED AND INCORPORATED INTO THE NEW CONSTRUCTION.
- THE COST OF REMOVING PORTIONS OF THE EXISTING SLAB WITHIN THE LIMITS SHOWN, COMPLETELY CLEANING EXISTING REINFORCING STEEL, CLASS "A" CONCRETE, EPOXY COATED REINFORCING STEEL, FORMING, AND ALL MISCELLANEOUS MATERIAL NECESSARY FOR CONSTRUCTING THE NEW SECTIONS AS SHOWN SHALL BE INCLUDED IN PRICE BID FOR ITEM NO. 604-10.32, EXPANSION JOINT REPAIR, (TYPE "A") L.F.
- NO. 5 "A" BARS IN THE EXPANSION JOINT REPAIR AREA SHALL BE SPLICED USING MECHANICAL THREADED CONNECTORS. SEE SIMILAR DETAIL AS SHOWN ON DWG NO BR-17-37. COST OF MECHANICAL THREADED CONNECTORS IN THE EXPANSION JOINT AREA SHALL BE PAID FOR UNDER ITEM NO. 604-10.32, L.F.

PROJECT NO		YEAR		SHEET NO.	
75001-4162-04		1995			
REVISIONS					
NO	DATE	BY	BRIEF DESCRIPTION		

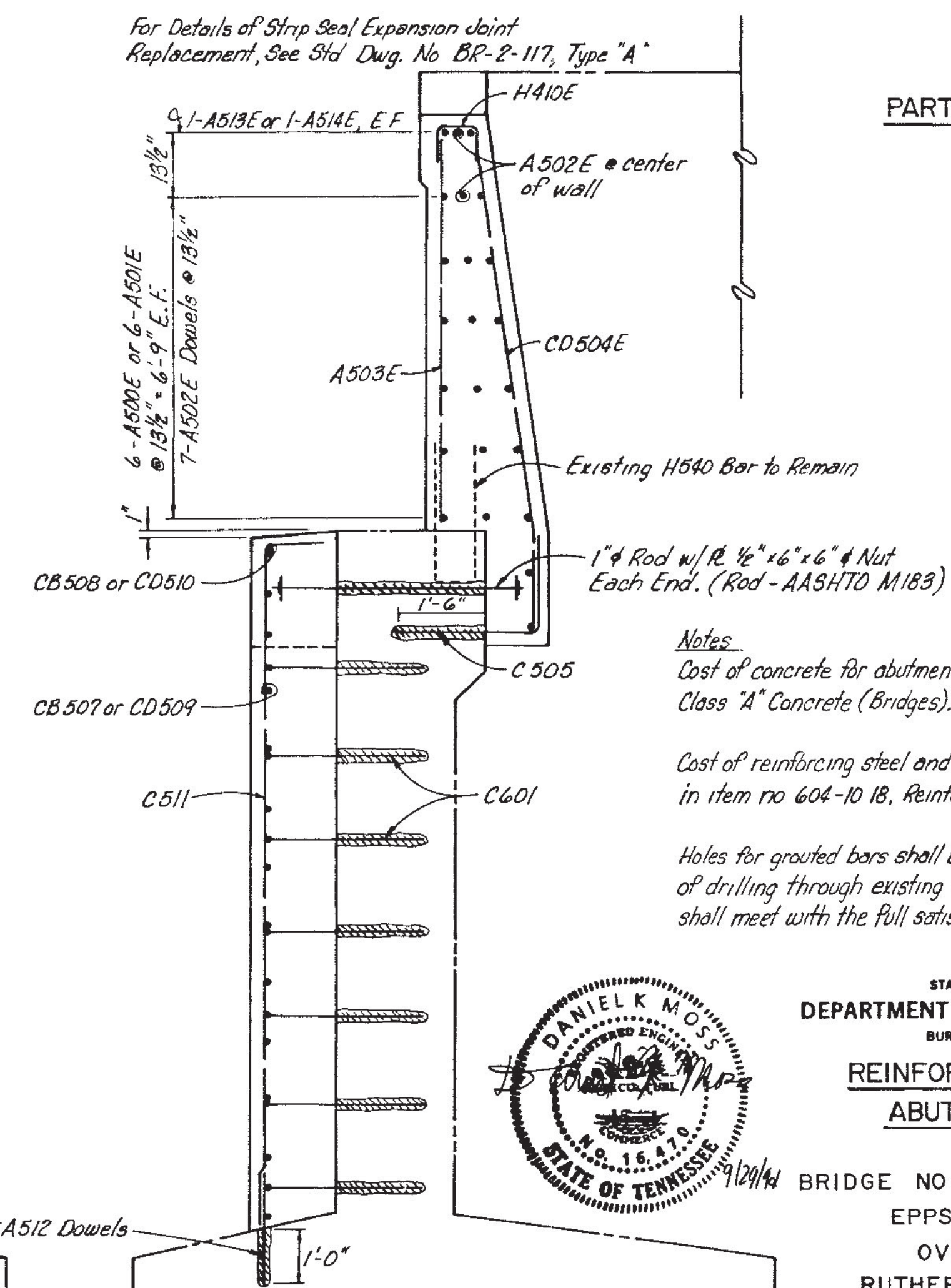
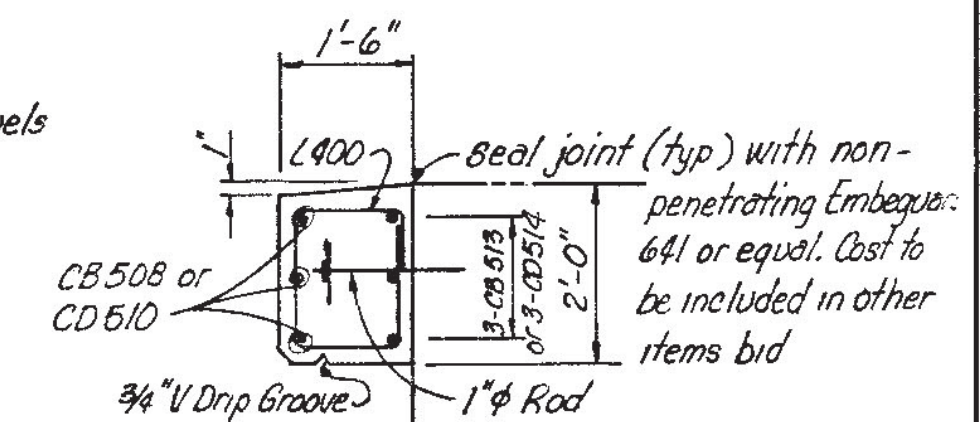
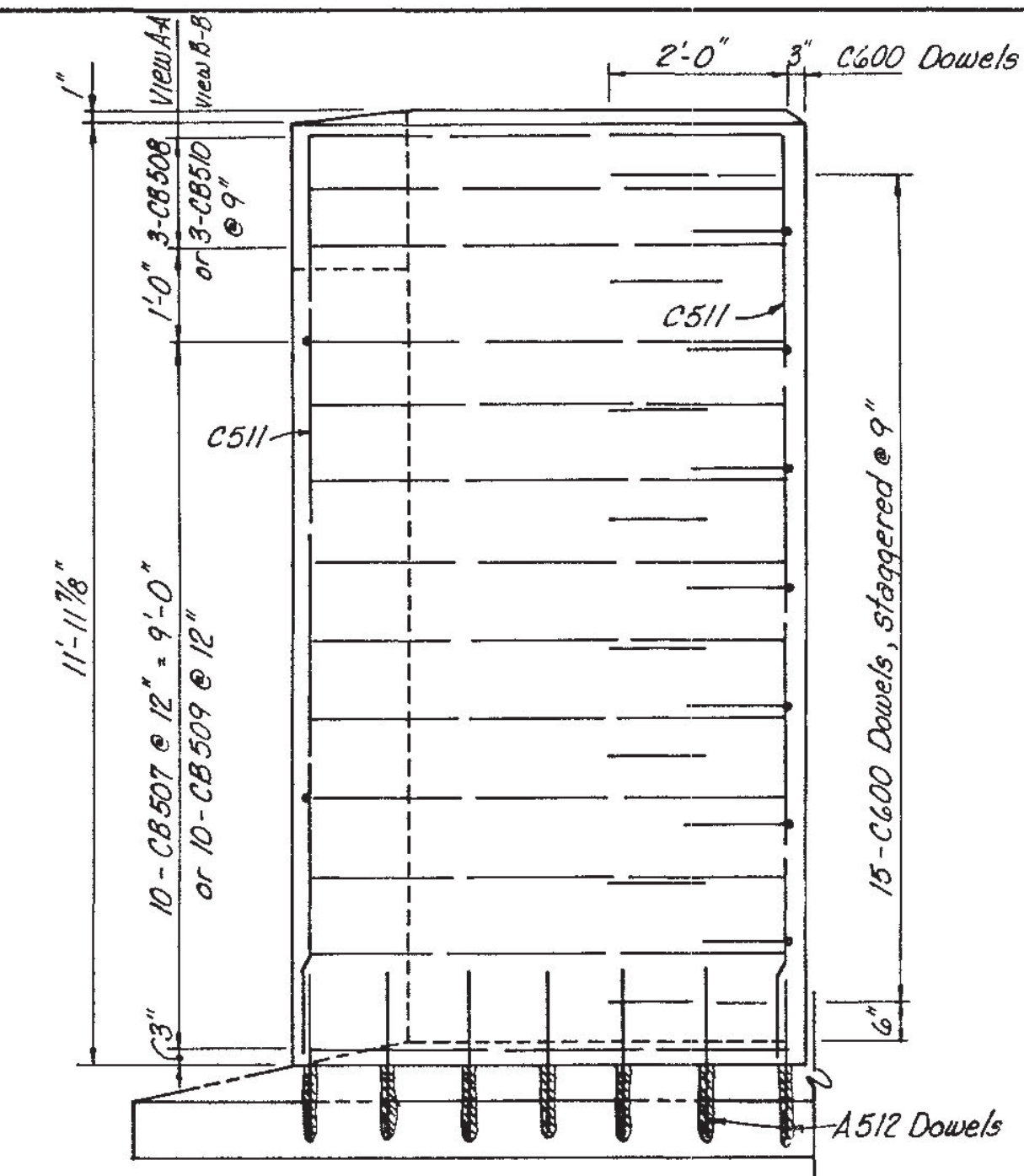
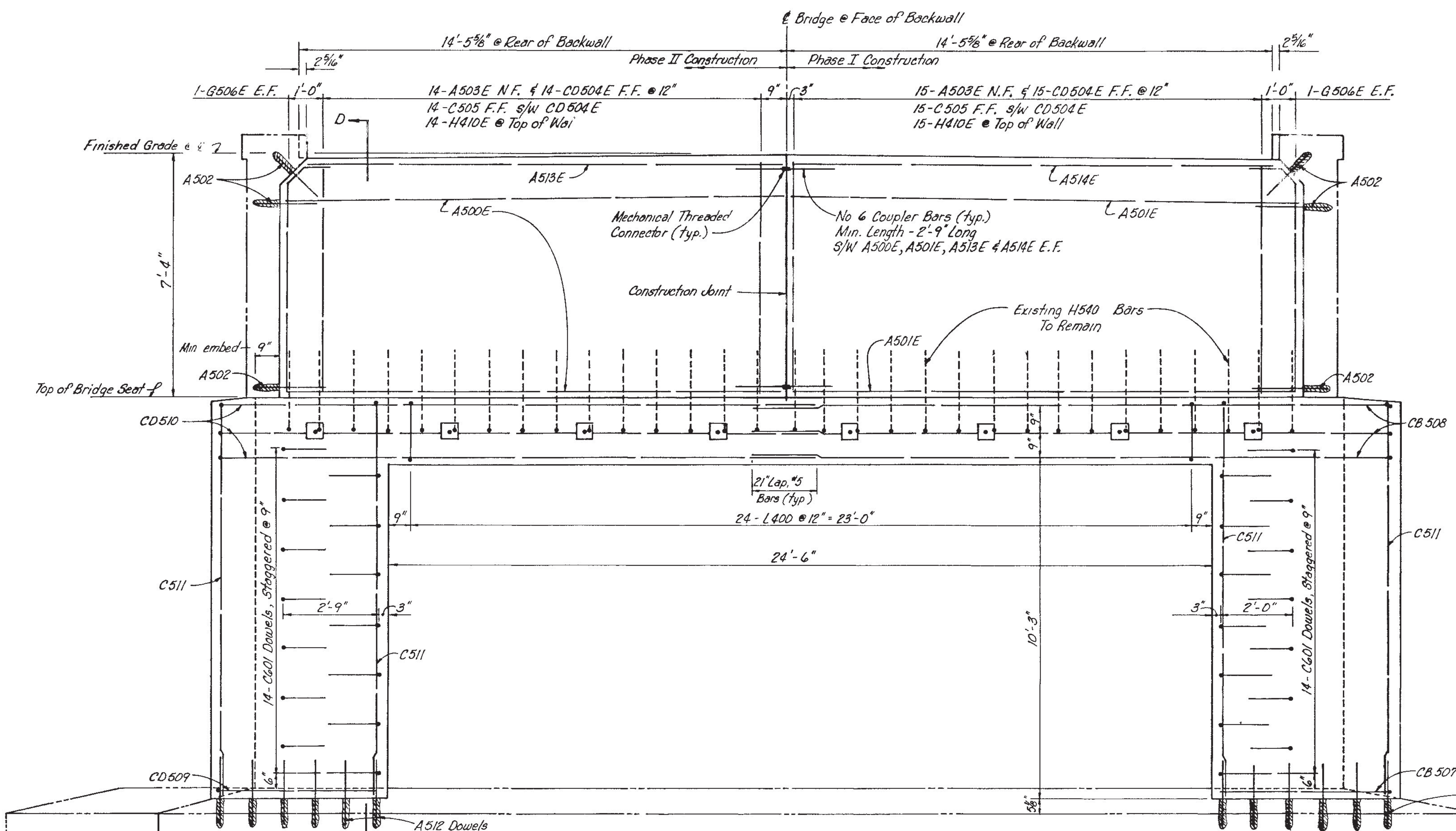
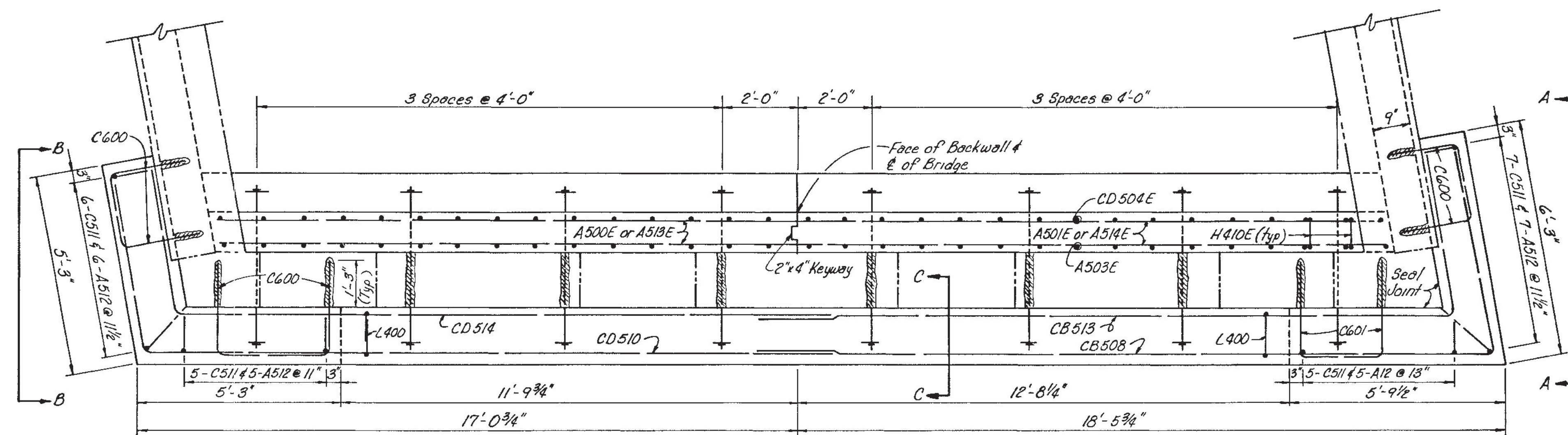
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS

SUPERSTRUCTURE DETAILS

BRIDGE NO. 75-1044-048
EPPS MILL ROAD
OVER I-24
RUTHERFORD COUNTY
1995



DESIGNED BY _____ DATE _____
DRAWN BY C. Rogers DATE _____
SUPERVISED BY _____ DATE _____
CHECKED BY _____ DATE _____

[illegible]

DESIGNED BY D. Moss DATE _____
 DRAWN BY C. Rogers DATE _____
 SUPERVISED BY _____ DATE _____
 CHECKED BY _____ DATE _____

DATE _____
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PARTIAL ELEVATION

SECTION D-D

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS
REINFORCING DETAILS
ABUTMENTS 1&2

BRIDGE NO - 75-1044 - 0.48
EPPS MILL ROAD
OVER I-24
RUTHERFORD COUNTY
1995

BR-17-40