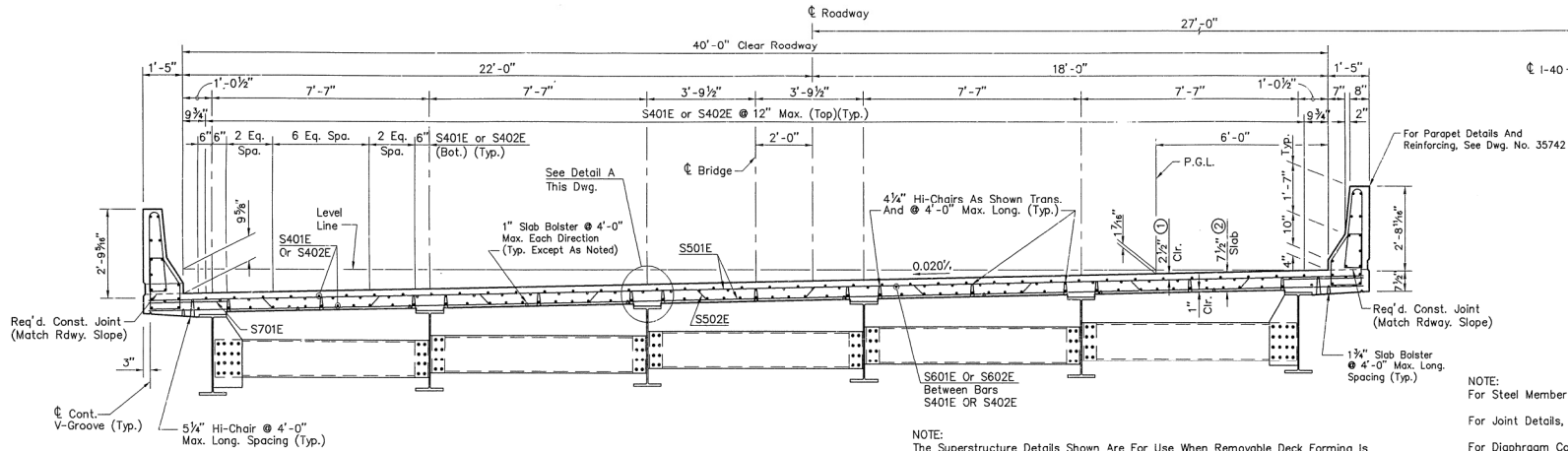


DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK			
						JOB NO. R10085	60	92

3724 A & B - TYP. X-SEC. 35741



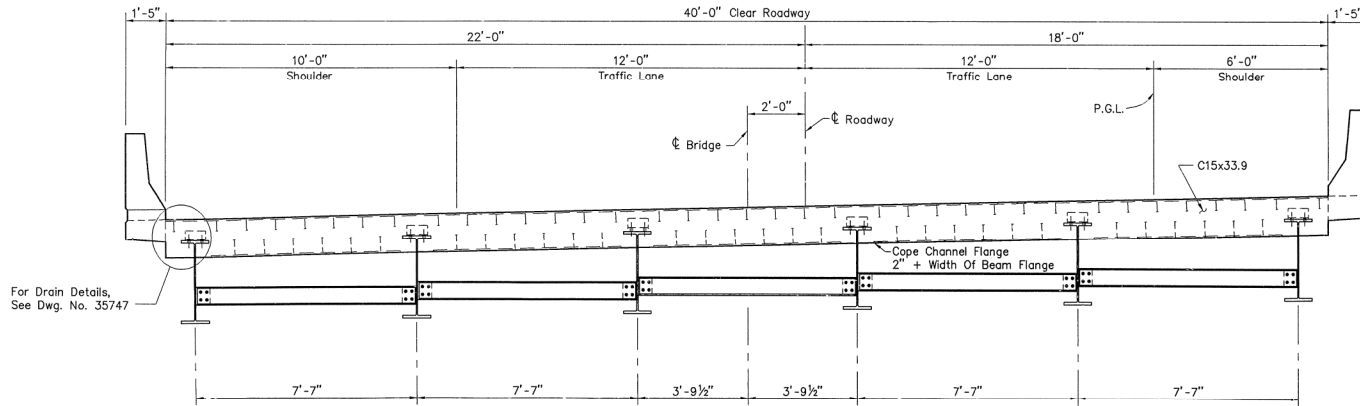
SLAB REINFORCING:

TRANSVERSE: S501E @ 12" In Top & Bottom
S502E @ 12" Bent Up Over Beams
S701E (See Plan For Placement)
LONGITUDINAL: S401E & 402E In Top (Placed As Shown - 12" Max. Spa.)
S401E & 402E In Bottom (Placed As Shown)
S601E or S602E In Top (Placed As Shown - 12" Max. Spa.) (Over Int. Supports)

TYPICAL SECTION

Scale: 1/2" = 1'-0"
Looking Ahead Bridge A
Bridge B Sym. About C-140

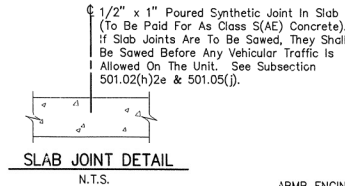
- NOTE:
The Superstructure Details Shown Are For Use When Removable Deck Forming Is Used And Are The Basis For Measurement Of Class S(AE) Concrete. See Standard Drawing No. 14991 For Allowable Modifications And For Tolerances When Permanent Bridge Deck Forms Are Used.
- Tolerance Minus: 1/4"
Plus: Equal To Amount Of Slab Thickening Used To Meet Slab Thickness Tolerance - See Typical Haunch Detail.
 - Refer To Typical Haunch Detail



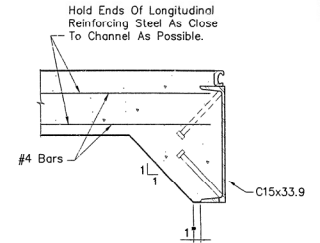
SECTION AT JOINT

Scale: 1/2" = 1'-0"
Looking Ahead Bridge A
Bridge B Symmetrical
About C-140

Note: Refer To Dwg. No. 35742
For Joint Details.



SLAB JOINT DETAIL
N.T.S.



SLAB END DETAILS

NOTE: For Anchor Stud Details,
See Dwg. No. 35747

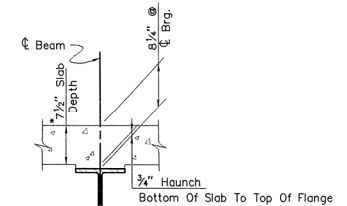
NOTE:
For Steel Member Sizes, See Dwg. Nos. 35737-35739 (Bridge 3724).

For Joint Details, See Dwg. No. 35747.

For Diaphragm Connection Details, See Dwg. No. 35746.

Class 1 Protective Surface Treatment Shall Be Applied To The Roadway Surface And To The Face And Top Of Parapet.

At The Contractors Option, In Lieu Of Providing Bars S502E, Two #5 Bars May Be Substituted With The Bars Epoxy Coated. Payment For Reinforcing Will Be Based On The Weight Of Bars S502E.



DETAIL 'A'

Haunch Is Required. Slab May Be Thickened And/Or
The Haunch Thickened To Maintain Slab Tolerance.

*Thickness As Detailed On Roadway Section. Tolerance
Is Minus 1/4" And Plus 1/2".

Note: No Increase In Concrete And Structural Steel Quantities
Will Be Made To Meet Slab Tolerances.

ENGSTROM/MODJESKI AND MASTERS
CONSULTING ENGINEERS

TYPICAL SUPERSTRUCTURE SECTION BRIDGES 3724 A & B

MONROE COUNTY
INTERSTATE ROUTE 40 SEC. 43
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: DHM DATE: 11/96
CHECKED BY: MMW/GPS DATE: 4/97
DESIGNED BY: GPS DATE: 9/94

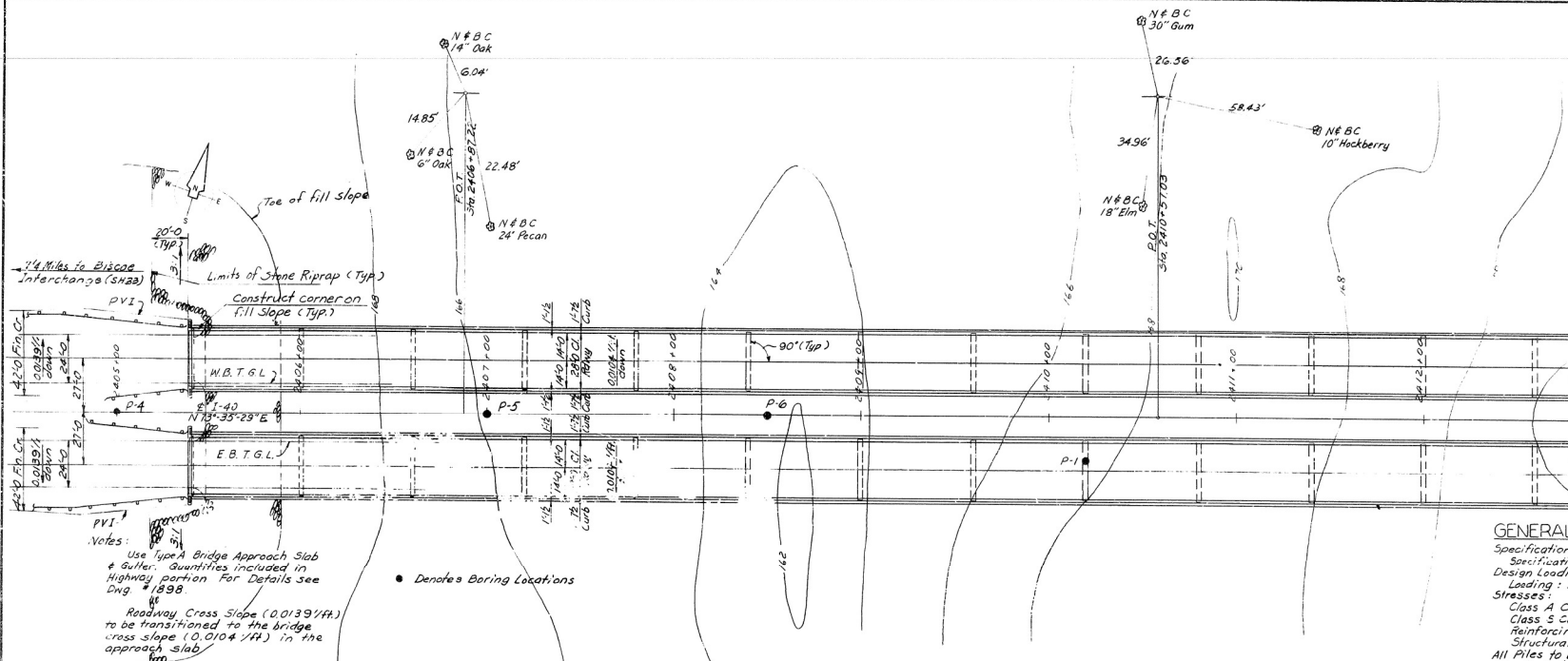
SCALE: 1/2" = 1'-0"

BRIDGE NO. 3724 - A & B

DRAWING NO. 35741

ABMB ENGINEERS, INC.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.				
JOB NO.	R10055				37 92



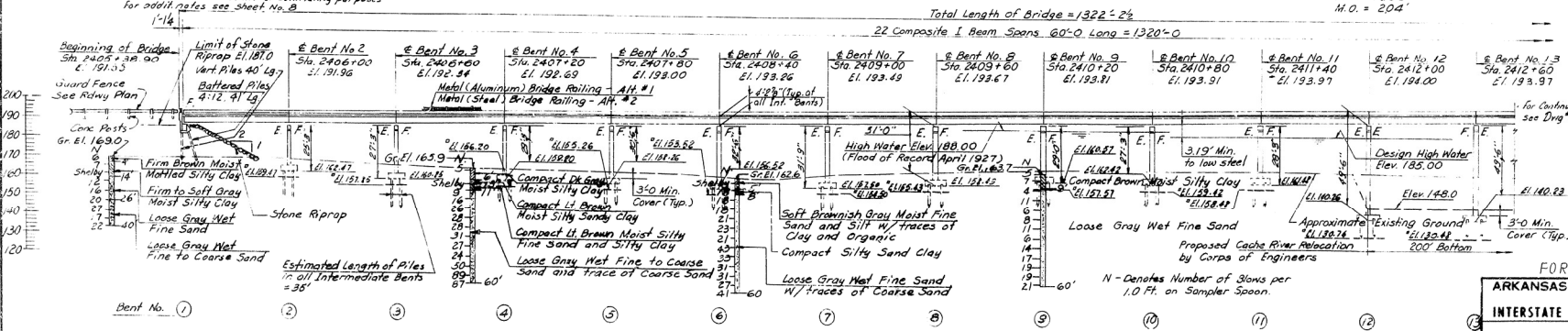
PLAN

GENERAL NOTES

Specifications: Arkansas State Highway Commission Standard
 Specifications for Highway Construction adopted Dec. 9, 1939
 Design Loading: HS20 AASHTO 1981 Special Interstate
 Loading: 2-24,000 lbs axles @ 4'-0" on centers
 Stresses:
 Class A Concrete: (n=15) 840 #/sq
 Class S Concrete: (n=10) 1200 #/sq
 Reinforcing Steel: 20,000 #/sq
 Structural Steel (A-36): 20,000 #/sq
 All Piles to be 16" Octagonal Precast Concrete Piles
 Piles in End Bents to be driven after the Embankment is in place.
 Lengths of Piling shown are for Estimating Purposes only
 actual lengths to be determined in the field
 All Piles to be driven to a minimum bearing of 36 ton/pile
 Drive one 40' test pile in Bents 2, 6, 10, 14 & 18 of Bridge #3724A
 and one 40' test pile in Bents 3, 7, 11, 15 & 19 of Bridge #3724B
 All piling to be driven with an approved air,
 steam and diesel hammer

Notes:
 Use Type A Bridge Approach Slab
 & gutter. Quantities included in
 Highway portion For Details See
 Dwg. #1898
 Roadway Cross Slope (0.0139'/ft.)
 to be transitioned to the bridge
 cross slope (0.0104'/ft.) in the
 approach slab
 Roadway Elevations shown are at 1/2
 of Bridges
 Vert. Dimensions are: (1) from 1/2 of Bridge
 at Bent to low side of cap and (2) from low
 side of cap to bottom of footing.
 (Vert. Dim. (1) includes 5' for org. pad)
 O Denotes bottom of seal concrete as used
 for estimating purposes only. Vert. planes parallel
 to and 1/2" outside to next lines of the footing
 were used as the outside limits for estimating purposes
 for abut. notes see Sheet No. 36

Notes: (continued)
 Use Type "B" Bearings at End Bents #1 & #23
 Use Type "A" Bearings at All Intermediate Bents #2 Thru #22
 No Sole Plate Thickening or Beam Build Up required for these Bridges
 Type "A" & "B" Bearings are detailed on Dwg. #14990A



ELEVATION

REFERENCES:
 1) For Superstructure Details see Dwg. #15050 Eri. & Dwg. #14990A.
 2) For End Bent Details see Dwg. #1900A.
 3) For Intermediate Bent Details see Dwg. #3724-B & Dwg. #3724-A.
 4) For Precast Concrete Pile Details see Dwg. #2382.
 5) For Stone Riprap Details see Summary of Bridge Quantities - Sheet No. 36
 6) For Right of Way see Roadway Plans
 7) For Outcrop/Infill see Dwg. #3724

FOR INFORMATION ONLY

ARKANSAS STATE HIGHWAY COMMISSION
 LITTLE ROCK, ARKANSAS

INTERSTATE ROUTE 40 SECTION 4

LAYOUT OF BRIDGES
 OVER BAYOU DE VIEW - I

BRIDGE NO. 3724 A
 & 3724 B

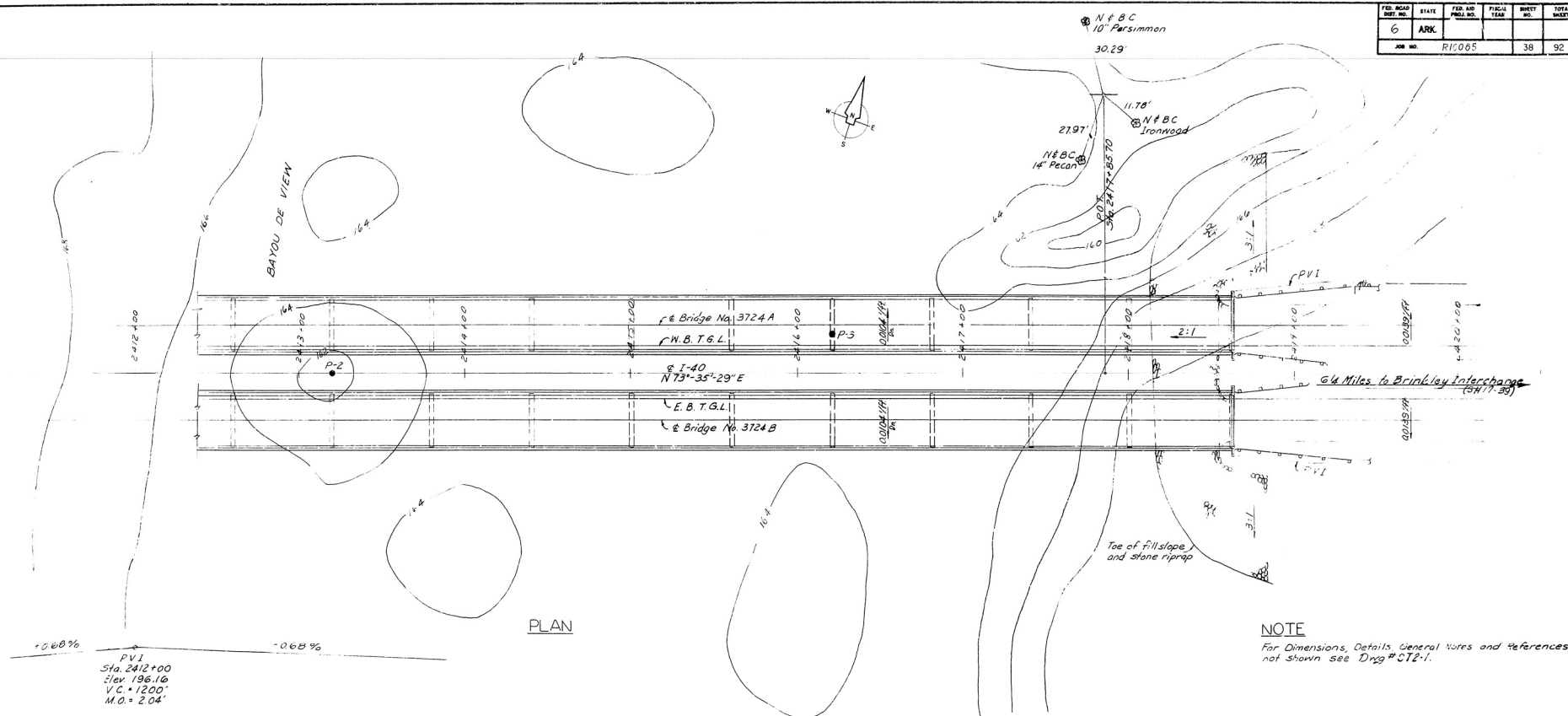
SCALE
 1" = 30'-0"

DATE
 11/1/83

BLAUVELT ENGINEERING CO.
 CONSULTING ENGINEERS

DRAWINGS NO. 372-1
 AHD12993-35718

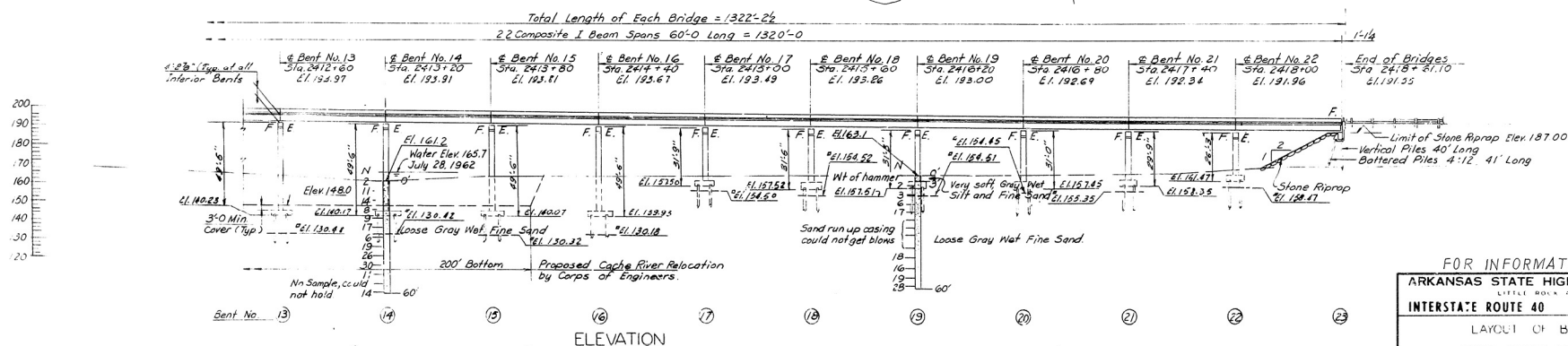
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	ARK.			38	92
JOB NO. R10065					



PLAN

NOTE

For Dimensions, Details, General Notes and References not shown see Dwg. #C12-1.



ELEVATION

FOR INFORMATION ONLY

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARKANSAS

INTERSTATE ROUTE 40 SECTION 4

LAYOUT OF BRIDGES

OVER BAYOU DE VIEW - II

BRIDGE NO. 3724A # 3724B SCALE 1" = 30'-0"

BLAUVELT ENGINEERING CO.

DRAWING NO. ST2-2

AND 12994 35719