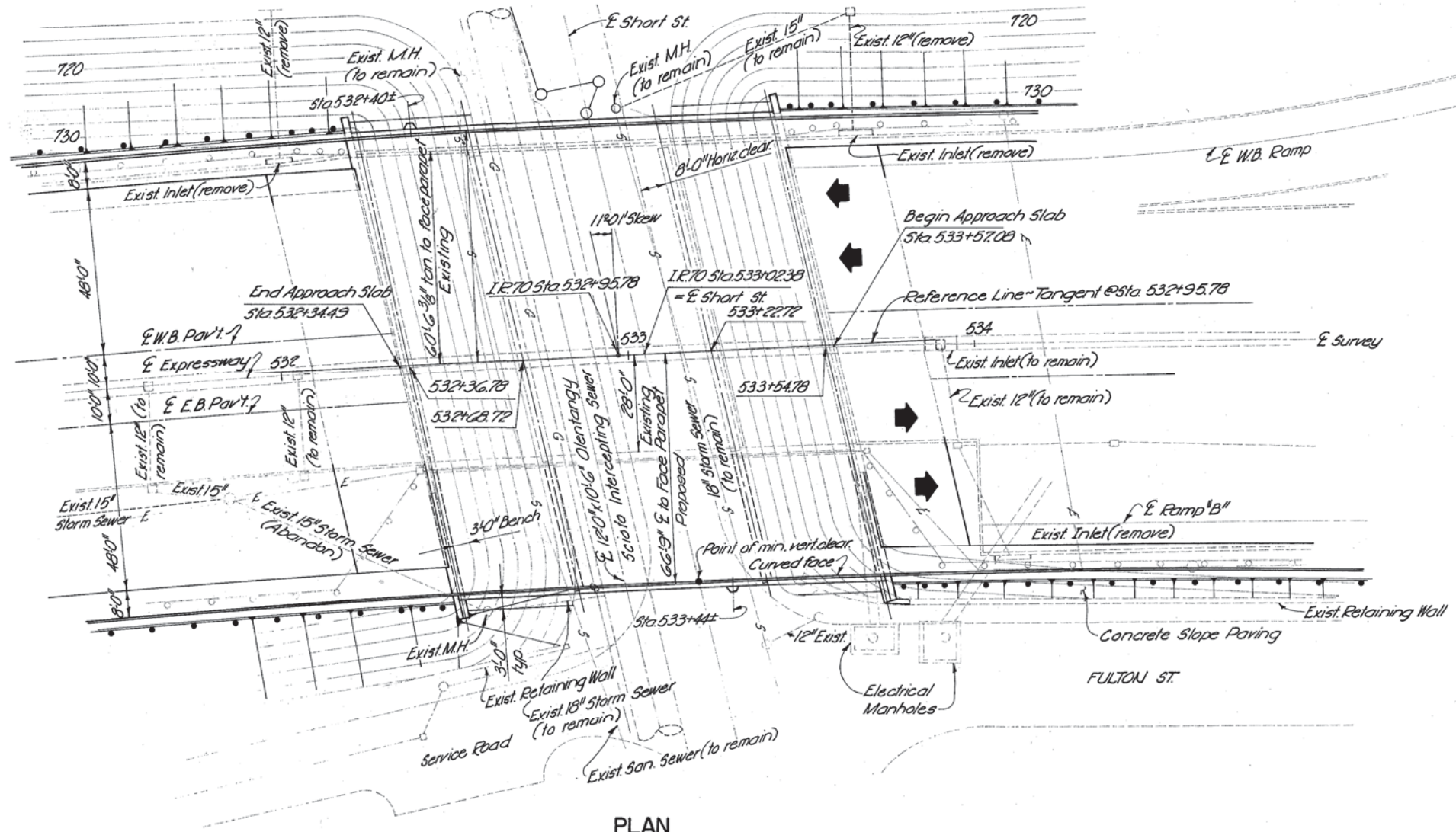
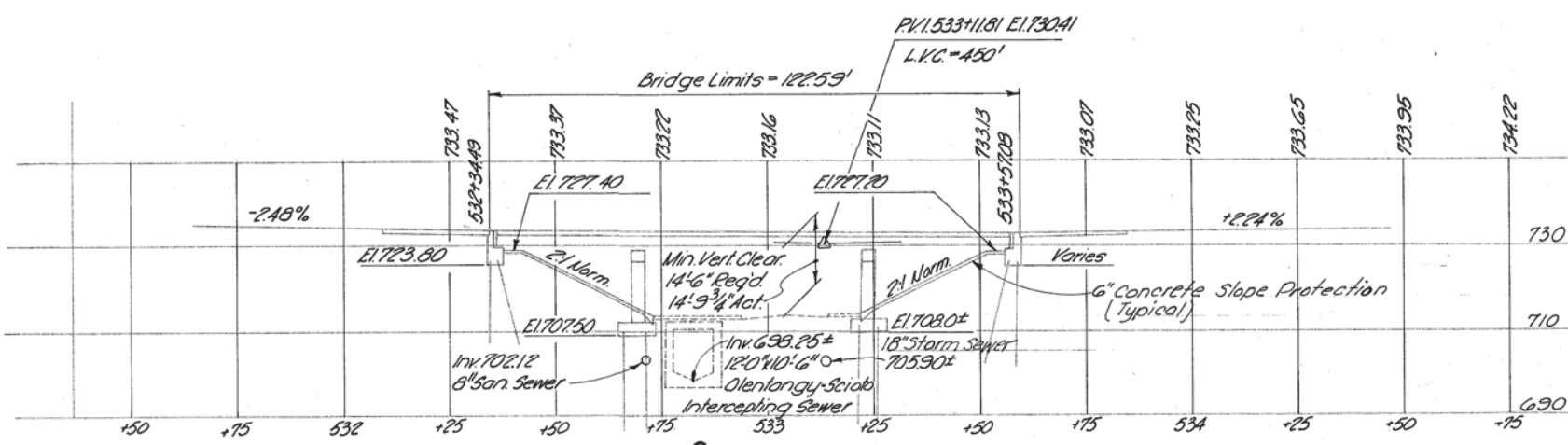


I.R.70 E
CURVE DATA
P.I. Sta. 533+74.88
 $\Delta = 20^{\circ} 04' 18" R.$
 $Dc = 1^{\circ} 20'$
 $R = 4297.18'$
 $L = 1505.38'$
 $E = 66.77'$



PLAN



PROFILE ALONG E SURVEY I-70

Earthwork limits shown are schematic. Actual slopes shall conform to plan cross-sections.
Pier piling to be 12" Cast-in-place reinforced concrete. Estimated average pay length is 30' for both piers.
Abutment piling to be H.P. 10x42. Estimated average pay length is 45' for West Abutment and 50' for East Abutment.
All piling shall be pre-bored to elevation 696.0

1986 DHV
8160 W.B.
8160 E.B.

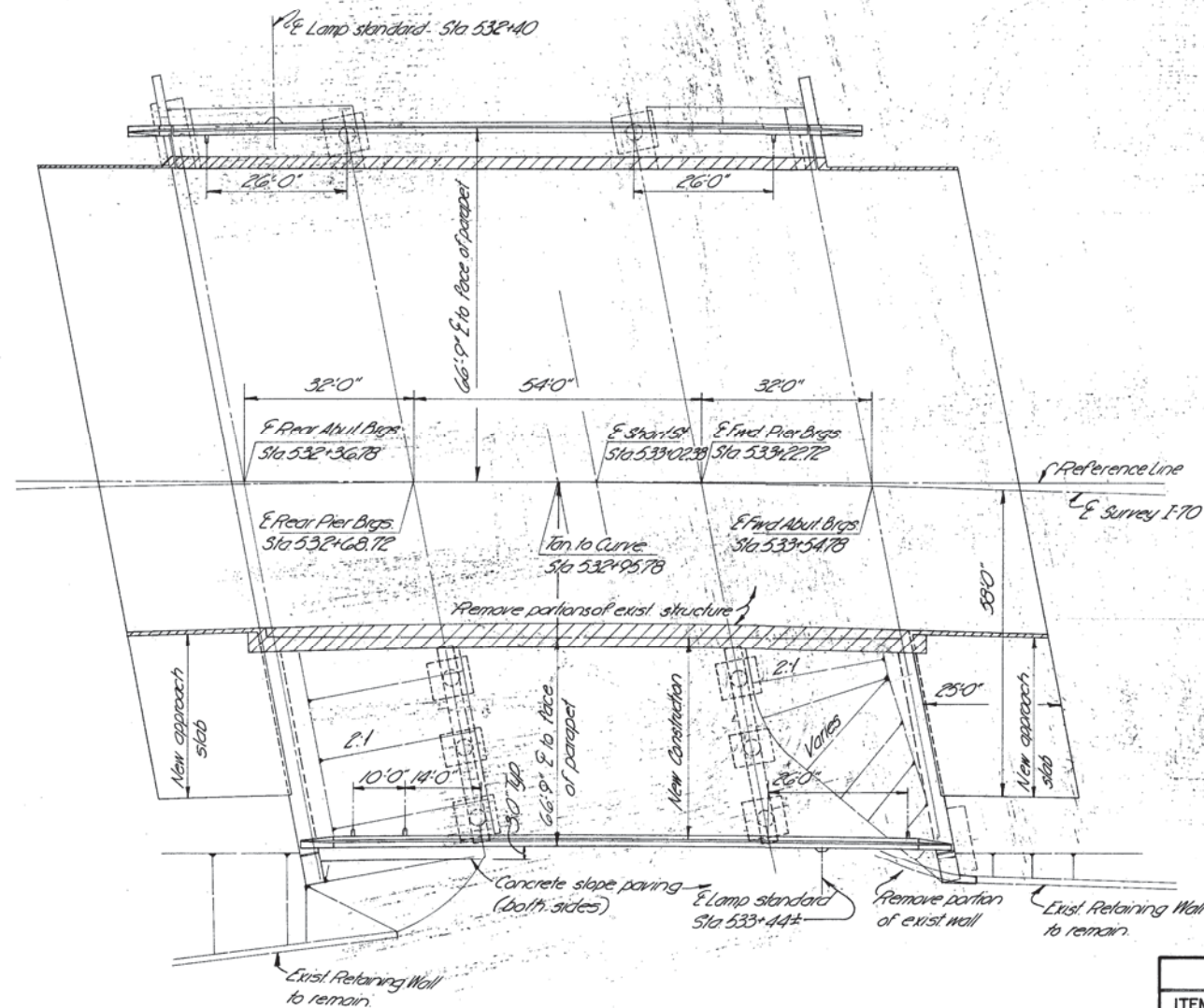
PROPOSED STRUCTURE
TYPE: Continuous Steel Beams with Reinf. Concrete Deck and Substructure.
SPANS: 32'-0", 54'-0", 32'-0" Gr. Brgs. (Along Tangent).
ROADWAY: 66'-9" E to face parapet R, 66'-9" tan. to face parapet, 3'-0" Barrier Median.
LOADING: GF 2000 (Adequate for Interstate Alt.)
WEARING SURFACE: 2 1/2" Asphaltic Concrete.
SKEW: 11'-0" Rt. Fwd.
ALIGNMENT: 1'-20" Curve R.I. Parallel to Tangent.
SUPERELEVATION: 0.023 1/4" / ft.
APPROACH SLABS: 25' Long.

EXISTING STRUCTURE
Same as above except Roadway 28'-0" E to face of 2'-0" curb R, and 53'-4 3/4" to face of 1'-2" curb Lt., 3'-0" Barrier Median and Aluminum Railing with Conc. Parapets.

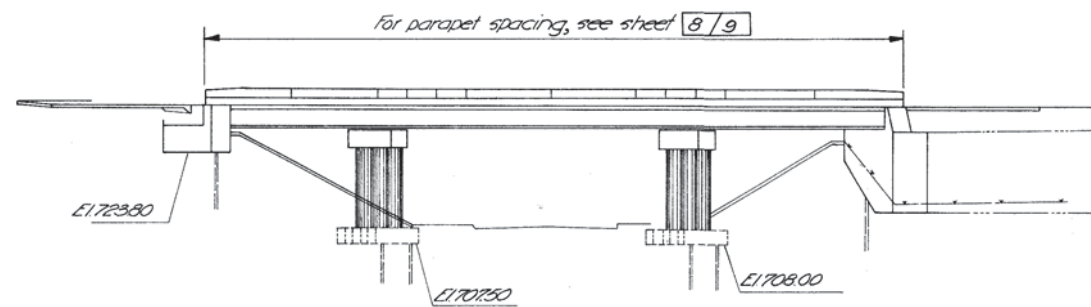
E. S. PRESTON & ASSOCIATES, LIMITED
ENGINEERS
COLUMBUS, OHIO

SITE PLAN
BRIDGE NO. FRA-70-1379 S
I-70 OVER SHORT ST.
FRANKLIN COUNTY STA. 532+34.49
STA. 533+57.08

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
M.N.	M.N.	JL	ASB	11/5/70	



PLAN



ELEVATION
SOUTH SIDE OF NEW CONSTRUCTION

REFERENCE shall be made to Std. Dwg. 5D-1-62, sheets 1, 3 and 4 dated 6/12/62; DR-1-67 revised 10-15-71; A-5-16 revised 6/26/69; and to Supplemental Specifications 836 dated 1-1-71, 808 dated 1-1-71, and 837 dated 12-31-70, and 944 dated 4-5-72.

DESIGN SPECIFICATIONS: The modifications to the structure conform to "Standard Specifications for Highway Bridges" adopted by the American Association of State Highway Officials, 1969 including the Ohio Supplement to these Specifications, except that the loading conforms to Design Specifications for Highway Structures State of Ohio Department of Highways dated Sept. 1, 1957.

DESIGN DATA:
Design Loading - CF 2000 (1957 Specs, adequate for Interstate alternate loading)
Class C concrete unit stress 1200 p.s.i. for Superstructure
unit stress 1333 p.s.i. for Substructure.
Structural Steel ASTM A-36 unit stress 20,000 p.s.i.
* Reinforcing Steel ASTM A615, A616, A617 unit stress 20,000 p.s.i.
If bars in accordance with ASTM A616 are provided, they shall be subject to bend Tests as per AASHTO Designation M42-70

PROCEDURE: The existing bridge shall be cut 1'-6" in from the curb line as shown on 6/9, the portion of the retaining wall removed to the first contraflow joint as shown on these plans. The Abutments and Piers shall be added on to or extended as shown, and the new structural steel is erected and the slabs and parapets completed. The existing curbs on the approach slabs shall be leveled to the concrete surface, and the new approach slabs added on the south side. The wearing surface shall then be applied to all portions of the structure and approach slabs.

PAINT for existing structure shall conform to T-08.
BEFORE BEGINNING any work all dimensions on the existing structure shall be verified in the field. Plans of the original structure and subsequent modifications may be examined in the Division office or at the Bureau of Bridges in Columbus.

PILES shall be driven to a minimum bearing capacity of 40 tons per pile for the piers and 35 tons per pile for abutments. All piles shall be driven in holes prepared to elevation 676.0 because of the many utilities in the area.

MAINTENANCE OF TRAFFIC: Two lanes of traffic with a minimum horizontal width of 26'-0" in each direction shall be maintained on I-70 at all times, and 2 lanes of traffic with a minimum width of 24'-0" and a minimum vertical clearance of 12'-9" shall be maintained on Short Street at all times.

ITEM SPECIAL - BRIDGE DECK WATERPROOFING (See Proposal)
A. Description: This work shall consist of the preparation and waterproofing of all surfaces of concrete, steel, or other materials which are to be in contact with the surface course, by cleaning the surface and applying two coats of sealing compound in accordance with this specification.
B. Materials: The materials shall be:
1) Sealing Compound - Firestone Tire & Rubber Co. No. 520, or as specified in Section E below.
2) Solvent - Firestone Tire & Rubber Co. No. 607, or as specified in Section E below.
C. Preparation of Existing Surface: Prior to placing the sealing compound, the bridge deck surface shall be cleaned of foreign material and loose concrete and etched by applying acid or sandblasting. Where acid is used, the application shall be preceded by further cleaning using water and a detergent designed for removing oil deposits from concrete surfaces together with push or power broom scrubbing. The residue and detergent shall be thoroughly flushed from the surface. While the surface is wet, commercial hydrochloric acid shall be applied uniformly at the rate of one gallon per 100 square feet. Immediately after the acid stops foaming, the residue shall be removed by thorough brooming & flushing with water.
Where sandblasting is used, the deck surface shall be treated uniformly in such a manner that the surface glare & laitance is removed.
D. Application of the sealing compound: The bridge deck surfaces shall be dry and free of dust at the time of application of the sealing compound and the air temperature shall not be less than 50° Fahrenheit. The sealing compound shall not be heated and precautions shall be taken to avoid fire hazards. The sealing compound shall be applied to two coats as follows:
1) First coat: For the first coat, the sealing compound shall be mixed with equal parts of solvent. This mixture shall be applied to the prepared surfaces and spread, using suitable brushes, at the rate of 0.10 gallon per square yard. This coating shall be permitted to cure for a period of two hours or until there is no tendency to adhere to workman's shoes before the application of the second coat.
2) Second coat: For the second coat the sealing compound shall be applied undiluted and spread, using suitable brushes, at the rate of 0.15 gallon per square yard. No further work or traffic shall be permitted on the surface until the second coat has cured overnight.
E. Alternate Materials: In lieu of the above, United States Steel Nexus System or Thibault Chemical Corp. 411-M or 411H may be used in accordance with manufacturer's recommendations.
F. Method of Measurement: The quantity of waterproofing shall be the number of square yards of surface covered.
G. Basis of Payment: Payment for the accepted quantity will be made at the contract price for:
Item Unit Description
Special 5q. Yds. Waterproofing Bridge Deck

ESTIMATED QUANTITIES

ITEM	TOTAL	UNIT	DESCRIPTION	SUPER.	PIER	ABUT.	GEN'L.
202	Lump	Sum	Portions of existing structure removed				Lump
503	Lump	Sum	Coff Perclams, cribs, and sheeting				Lump
503	458	Cu. Yds.	Unclassified excavation		181	277	
505	Lump	Sum	Test pile				Lump
507	1080	Lin. Ft.	12" Ø C.I.P. reinforced concrete piles		1080		
507	1020	Lin. Ft.	Prebored holes		610		
509	80,798	Lbs.	Reinforcing steel	58,819	14,405	7,576	
511	212	Cu. Yd.	Class C concrete, superstructure	212			
511	36	Cu. Yd.	Class C concrete, pier footings		36		
511	50	Cu. Yd.	Class C concrete, piers above footings		50		
511	127	Cu. Yd.	Class C concrete, abutments			127	
512	11	Sq. Yds.	Type B Waterproofing		11		
512	107	Lin. Ft.	Premolded sealing strip			107	
513	137,617	Lbs.	Structural Steel	137,617			
514	137,617	Lbs.	Field Painting of new structural steel	137,617			
837	Lump	Sum	Cleaning and painting exist. structural steel				Lump
516	228	Sq. Ft.	1/2" Preformed Expansion Jt. Filler	61		167	
516	125	Sq. Ft.	1" Preformed Expansion Jt. Filler			125	
403	49	Cu. Yd.	Asphalt concrete (60-70 or A620)	49			
404	49	Cu. Yd.	Asphalt concrete (60-70 or A620)	49			
518	5	Each	Scuppers, including supports	5			
601	345	Sq. Yd.	Concrete slope protection				345
625			See sheet 527 for lighting summary				
518	41	Cu. Yds.	Porous backfill			41	
507	755	Lin. Ft.	Steel piles, HP 10x42			755	
809	212	Units	Chemical Admixture for Concrete type A, B, or D	212			
Special	1749	Sq. Yds.	Bridge Deck Waterproofing Including Sand-Asphalt Cover (See Proposal)				1749
Special	135	Sq. Yds.	Patching Concrete Structure, Type A. (See Proposal)				135

* Spiral Reinforcement may be plain bars ASTM A82, A306, A499, or A615.

ESTIMATED QUANTITIES (CONT.)

ITEM	TOTAL	UNIT	DESCRIPTION
518	244	Lin. Ft.	SUBDRAINAGE FOR WEARING SURFACE COURSE, AS PER PLAN
SPECIAL	180	Sq. Ft.	PATCHING CONCRETE STRUCTURES, TYPE C (SEE PROPOSAL)
SPECIAL	135	Sq. Ft.	PATCHING CONCRETE STRUCTURES, TYPE B (SEE PROPOSAL)

E. S. PRESTON ASSOCIATES, INC. 2/9
ENGINEERS
COLUMBUS, OHIO

**GENERAL PLAN & ELEVATION,
NOTES, AND ESTIMATED QUANTITIES**
BRIDGE NO. FRA-70-1379S
I-70 OVER SHORT ST.

FRANKLIN COUNTY STA. 532+34.49
STA. 533+57.08

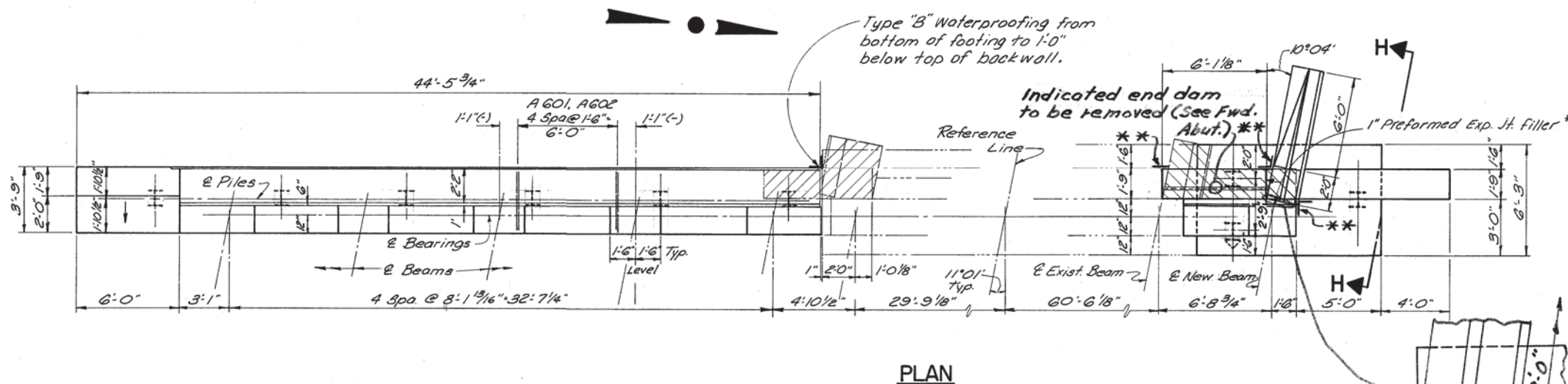
Designed	Drawn	Traced	Checked	Reviewed Date	Revised
RJ	RJ	JL/RJB	WH	N 1/5/70	

FED. RD. DIVISION	STATE	PROJECT
2	OHIO	

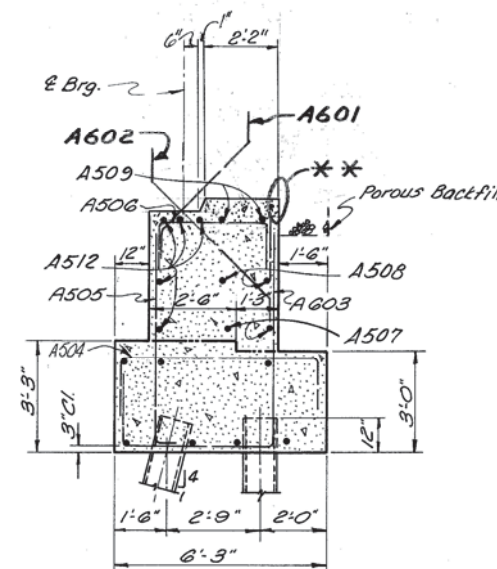
924

FRANKLIN COUNTY
FRA-70-12.31 S

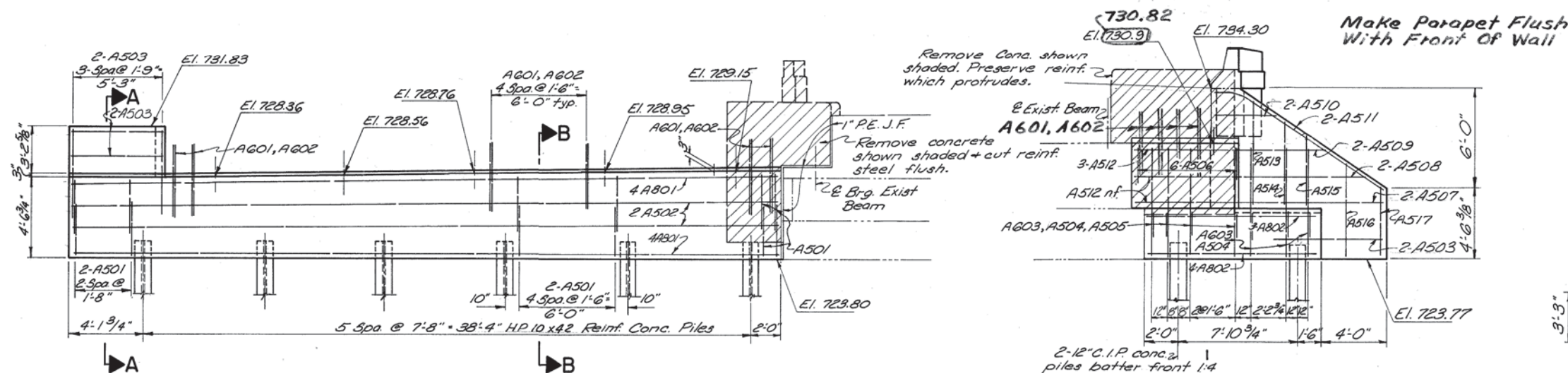
NOTE:
For integral abutment on North
Side see sheet 8/9



PLAN

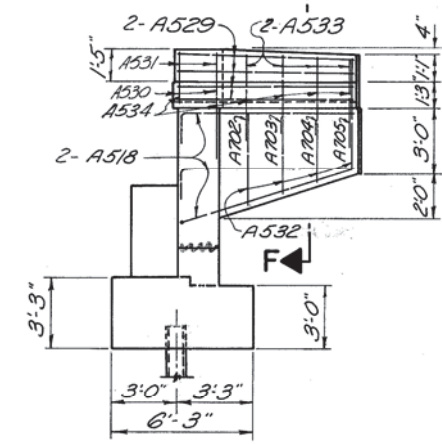


SECTION C-C

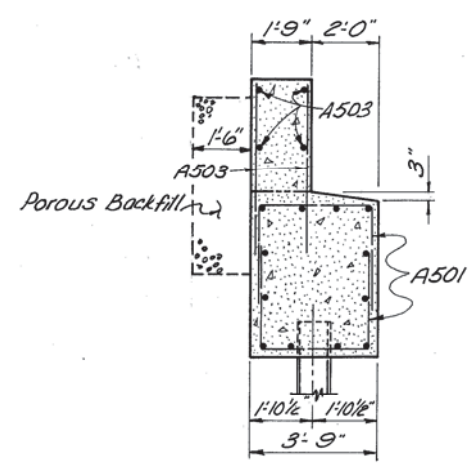


ELEVATION

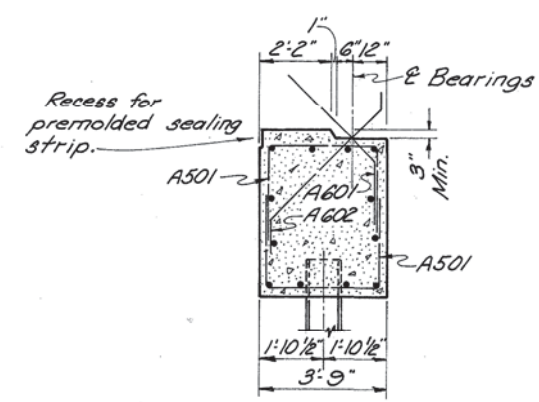
** ADD WATERPROOFING



VIEW H-H



SECTION A-A

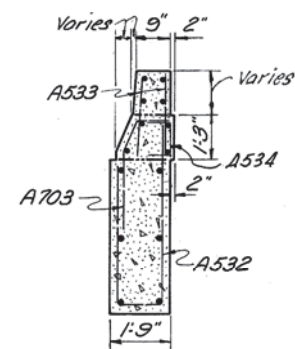


SECTION B-B

NOTE: Remove backwall of exist. abutment to a depth of 1'-4" below roadway surface on the North side between the end of the exist. approach slab and proposed extension. Four new concrete to provide 1'-4" deep by 6" wide approach slab seat.

Porous Backfill shall extend upward to the approach slab and to the surface of the earth shoulders, and outward to the surface of the embankment slope. The bottom shall match existing backfill and slope at a minimum of 1/4" ft. down toward the out side of the abutment.

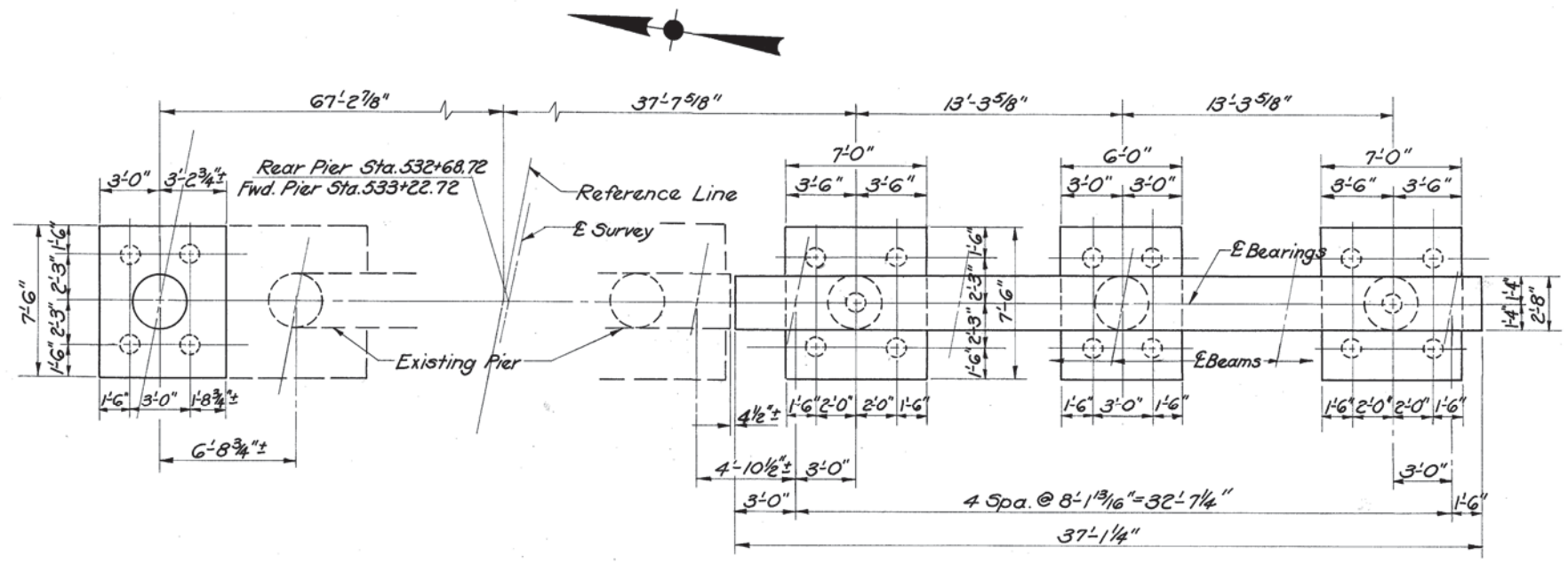
* NOTE: A 1" opening shall exist between the superstructure and the vertical faces indicated above.



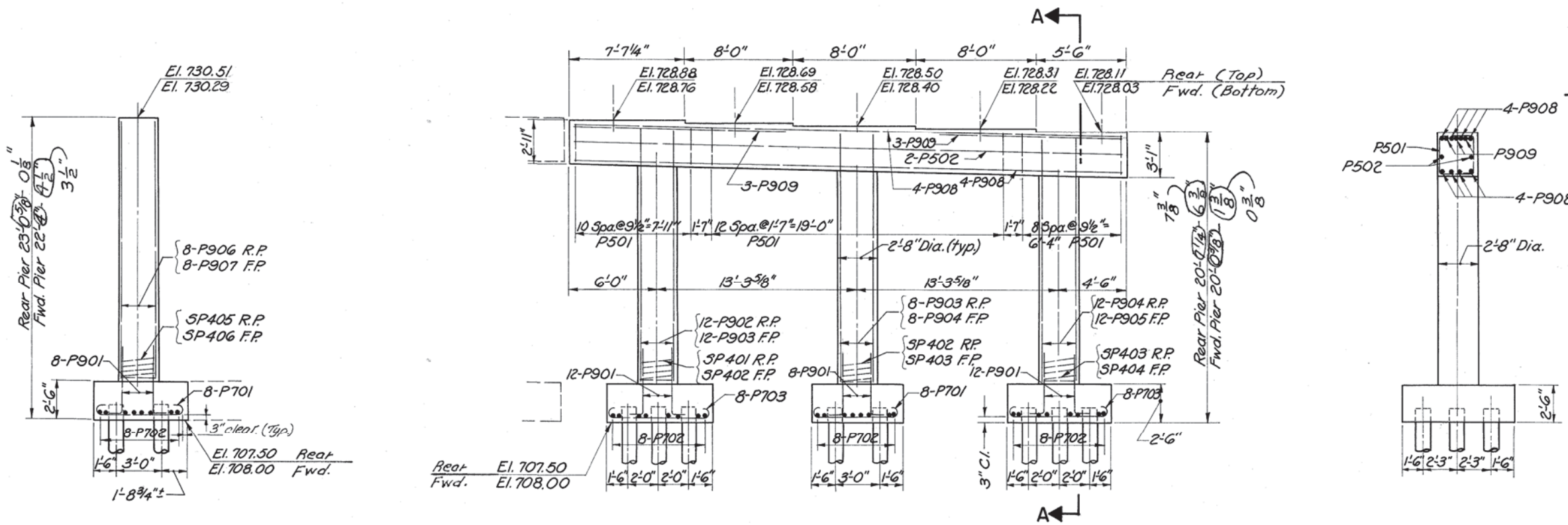
SECTION F-F

Note: For additional Parapet details see Std. Dwg. BR-1-67 Revised 10-15-71.

E. S. PRESTON ASSOCIATES, INC. 3/9 ENGINEERS COLUMBUS, OHIO				
REAR ABUTMENT DETAILS				
BRIDGE NO. FRA-70-1379S				
I-70 OVER SHORT ST.				
FRANKLIN COUNTY			STA. 532+34.49 STA. 533+57.08	
Designed	Drawn	Traced	Checked	Reviewed Date
R.J.	R.J.	R.J.B.	N.H.	N 1/5/70
				Revised 5-30-73



PLAN



ELEVATION

NOTES:
 SPECIAL CARE shall be taken in placing the reinforcing steel in the vicinity of the beam seat so as not to interfere with the drilling of the anchor bar holes.
 WHERE two elevations are given the upper one is for the Rear Pier, the lower for the Forward Pier.

E. S. PRESTON ASSOCIATES, INC. 5/9 ENGINEERS COLUMBUS, OHIO					
PIER DETAILS					
BRIDGE NO. FRA-70-1379 S					
I-70 OVER SHORT ST.					
FRANKLIN COUNTY					
				STA. 532+34.49	
				STA. 533+57.08	
Designed	Drawn	Traced	Checked	Reviewed Date	Revised
R.V.	R.V.	M.L.S.	N.H.	4/15/70	6-28-73 8-3-73

FRANKLIN COUNTY
FRA-70-12.31 S

Note:
The existing slab to be adequately braced during construction.

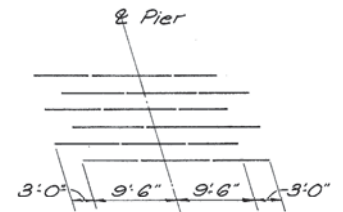
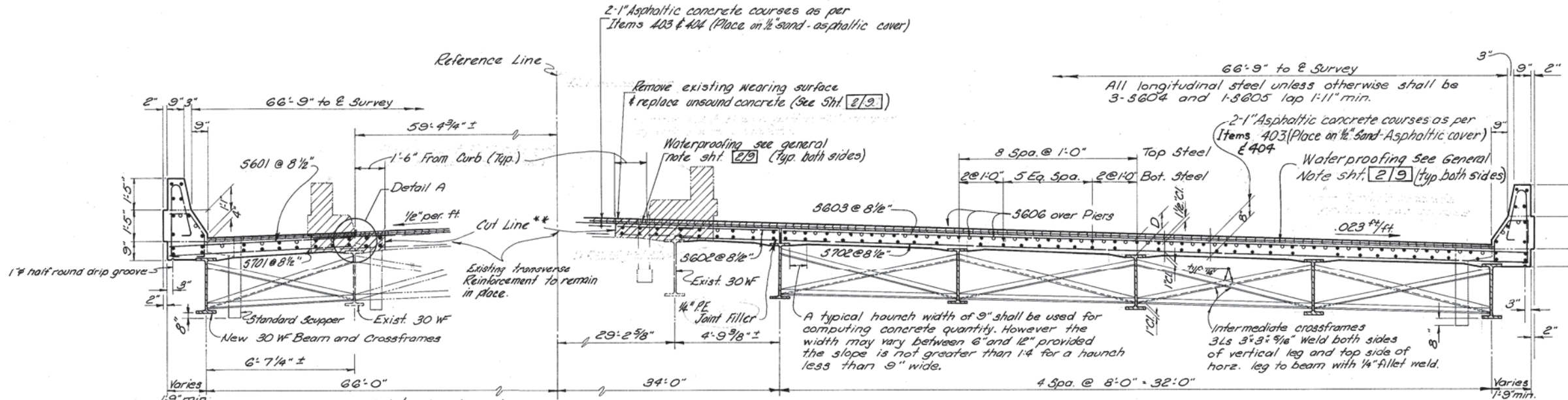


DIAGRAM SHOWING STAGGER OF S606 BARS

Dimension "D"

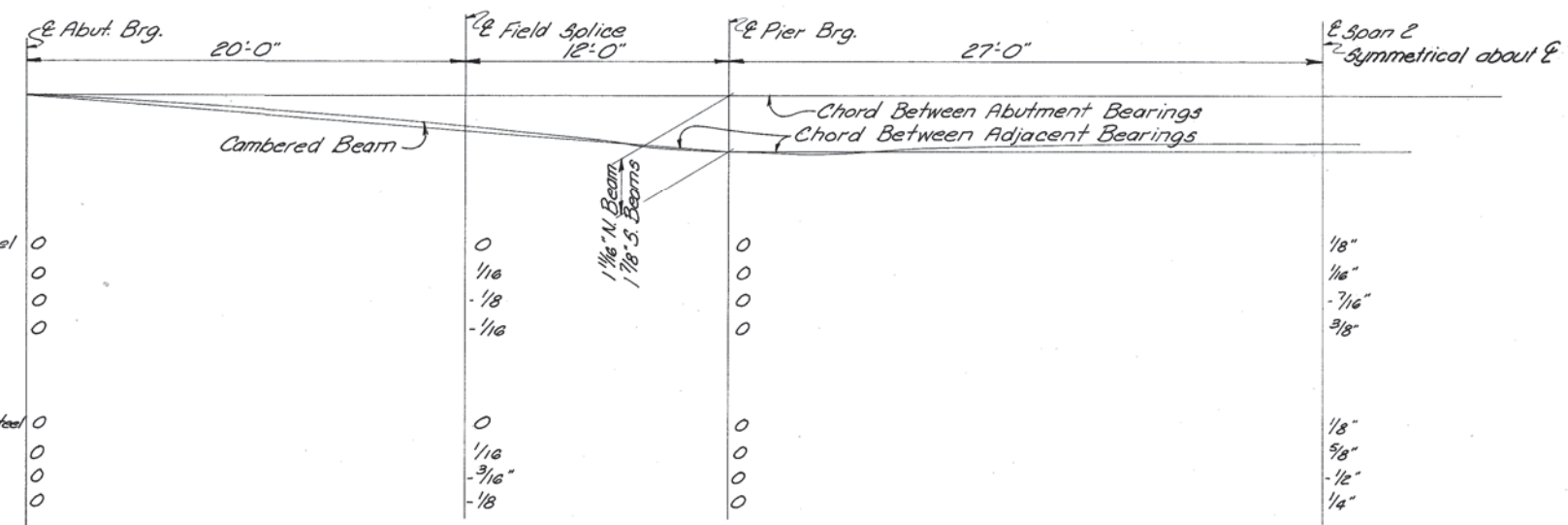
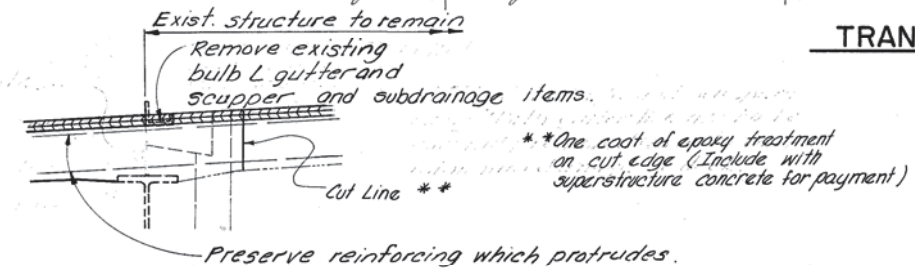
30W172	8 1/2"
30W99	8 5/8"

These are nominal dimensions. The quantity of concrete to be paid for shall be based upon these dimensions even though deviation from them may be necessary because the top flange of the beam may not have the exact camber or conformation required to place it parallel to the finished grade, or the bearing elevations calculated may not provide a continuous pavement surface from the existing structure to the new construction.



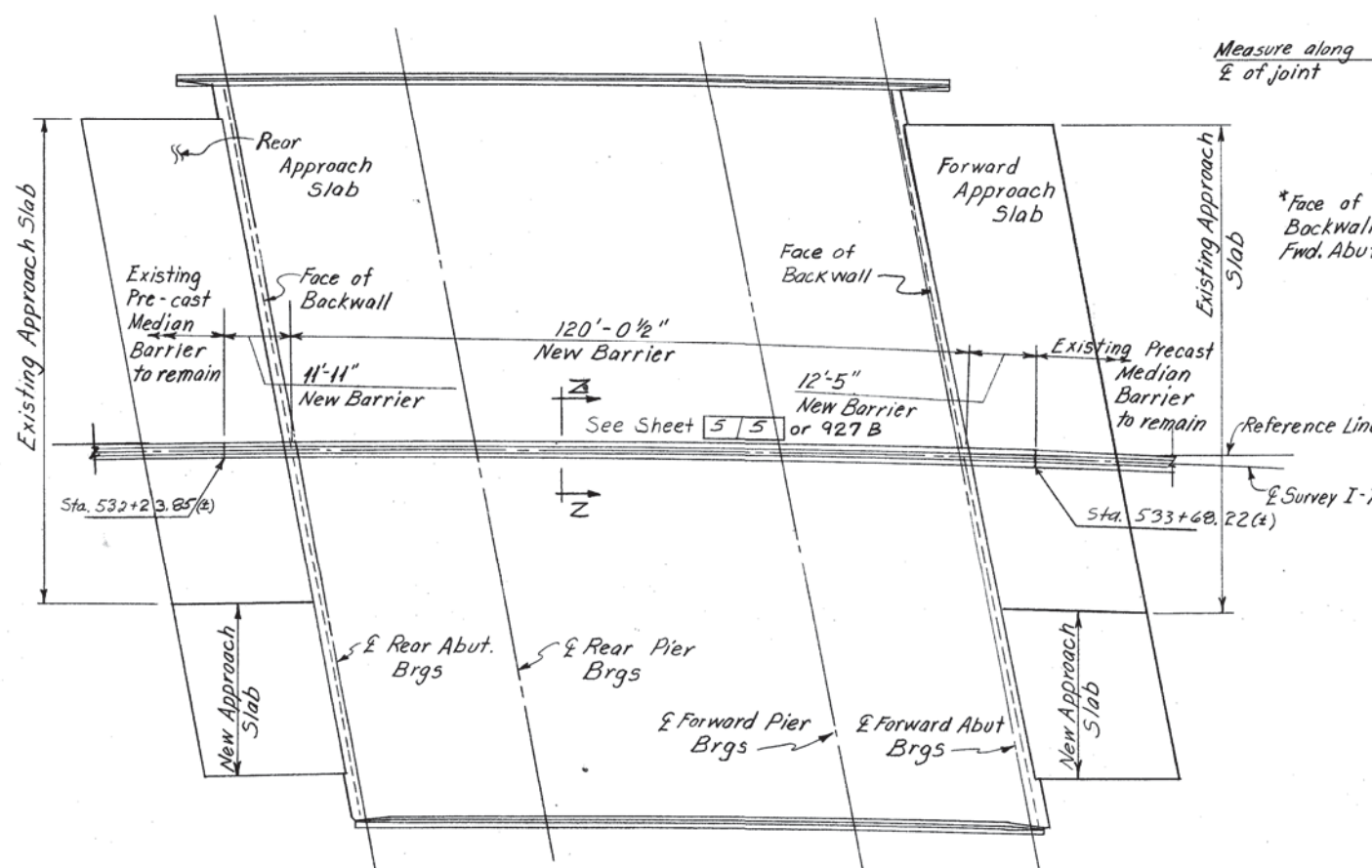
TRANSVERSE SECTION

FOR SUBDRAINAGE DETAILS SEE SHEET 814

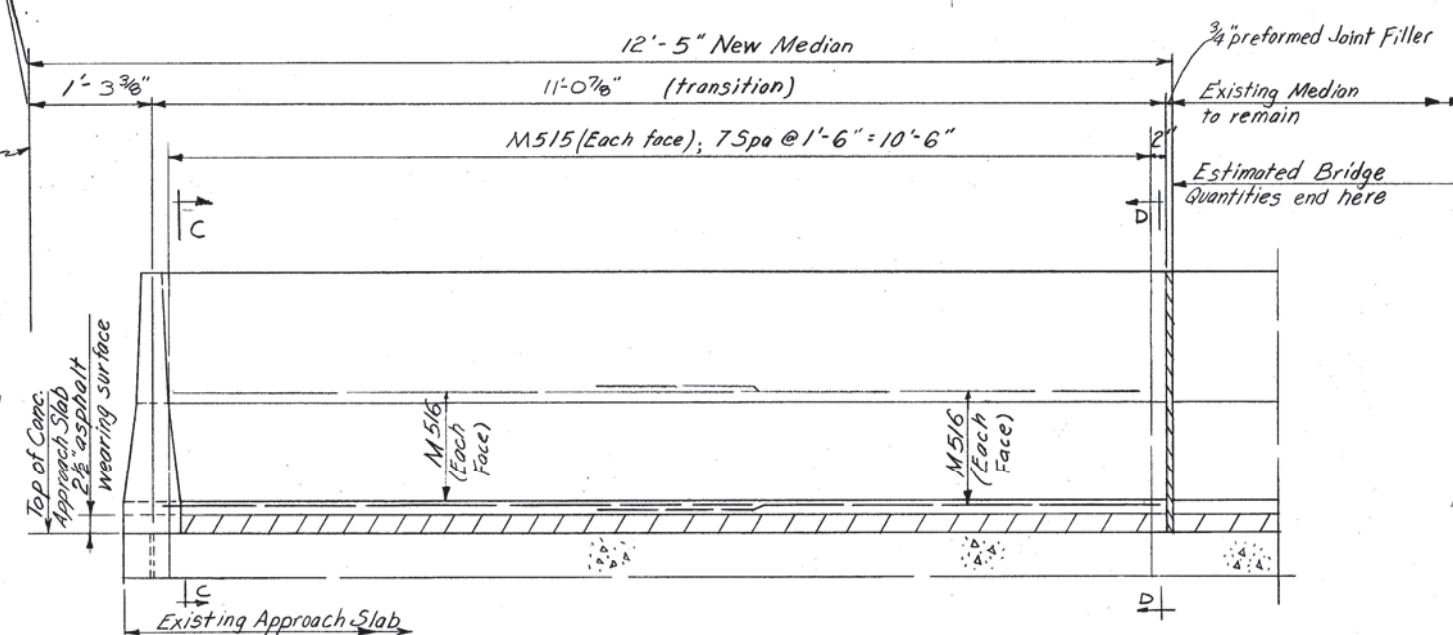


CAMBER DATA

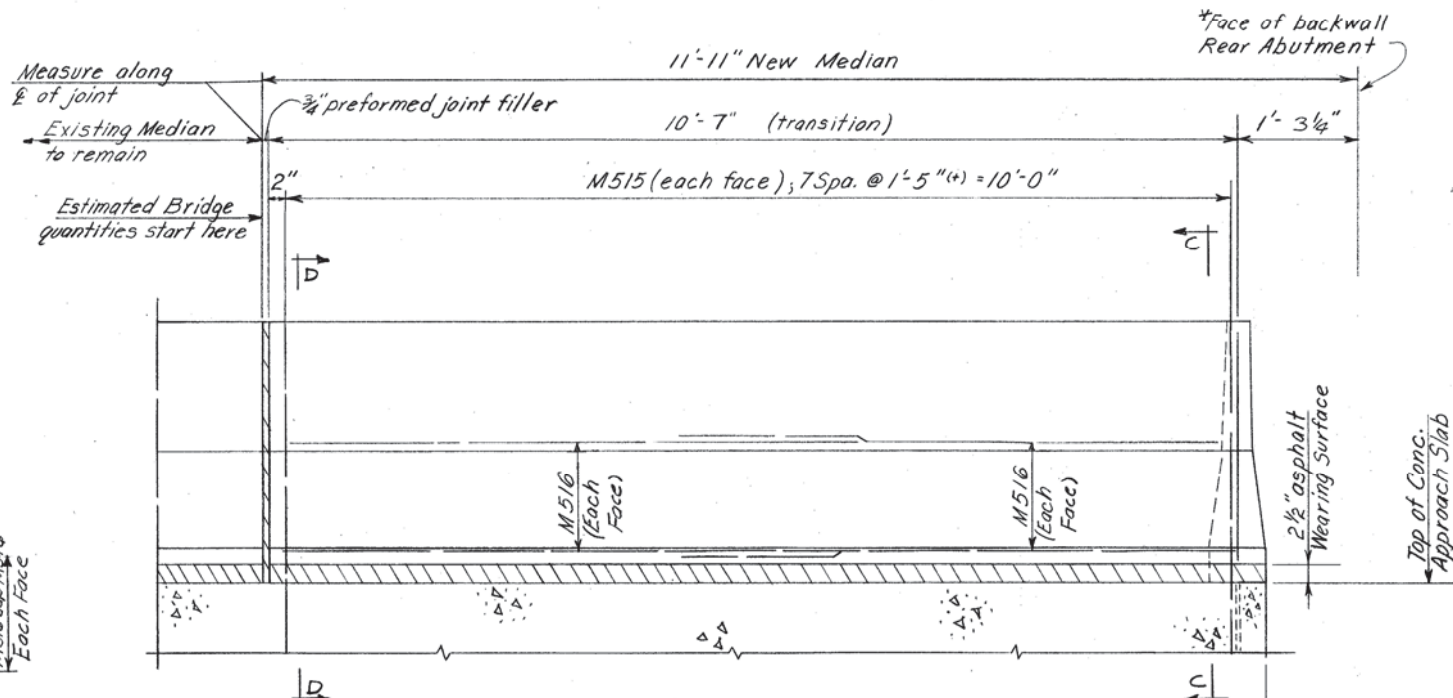
E. S. PRESTON ASSOCIATES, INC. ENGINEERS COLUMBUS, OHIO					
SUPERSTRUCTURE DETAILS					
BRIDGE NO. FRA-70-1379S					
I-70 OVER SHORT ST.					
FRANKLIN COUNTY				STA. 532+34.49 STA. 533+57.08	
Designed	Drawn	Traced	Checked	Reviewed Date	Revised
R.J.	R.J.	R.J.B.	N.H.	1/5/70	



PLAN

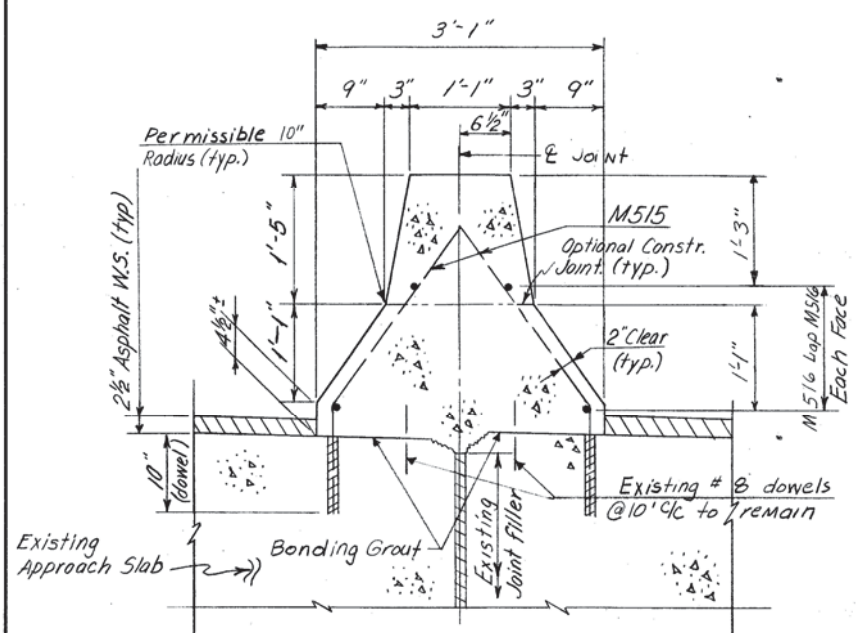


ELEVATION - Median Barrier Forward Approach Slab

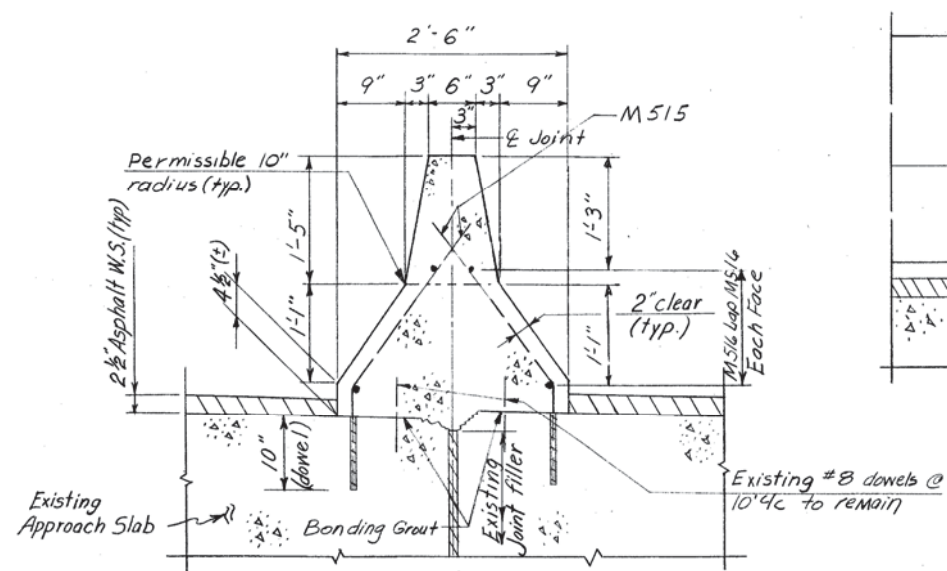


ELEVATION - Median Barrier Rear Approach Slab

* See Sheet 5/5 for Backwall Details or 927B



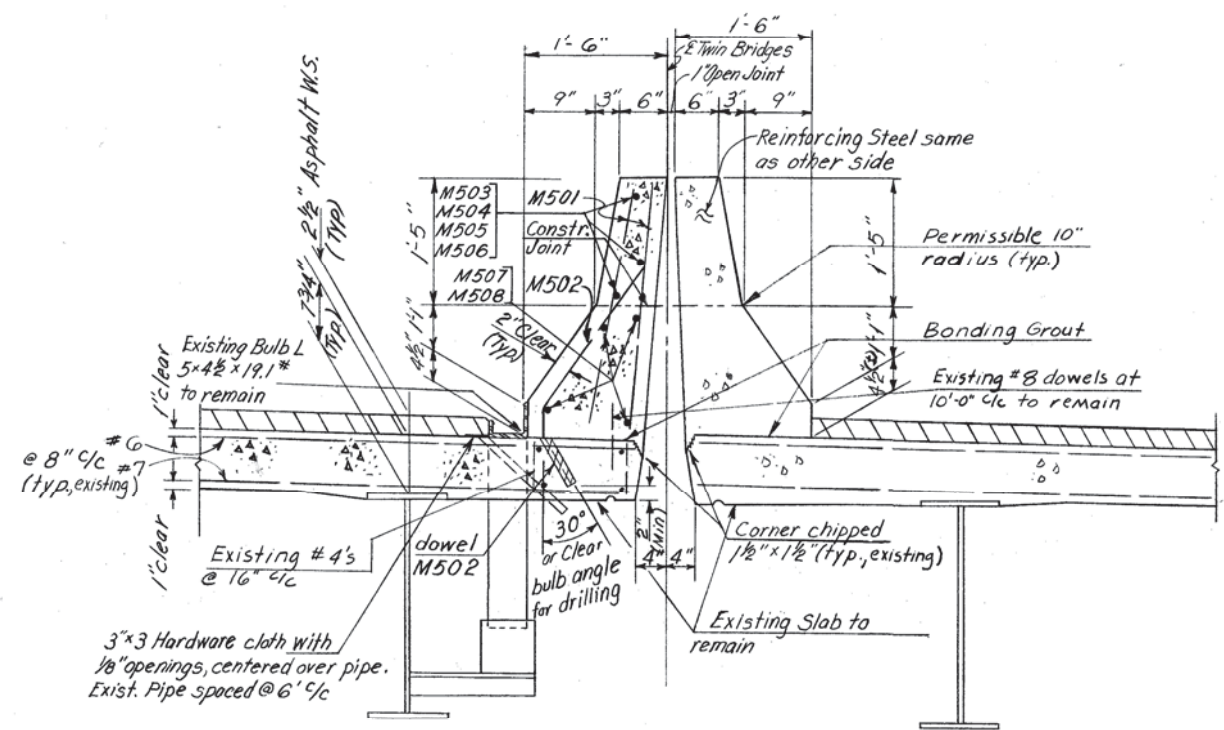
SECTION C-C



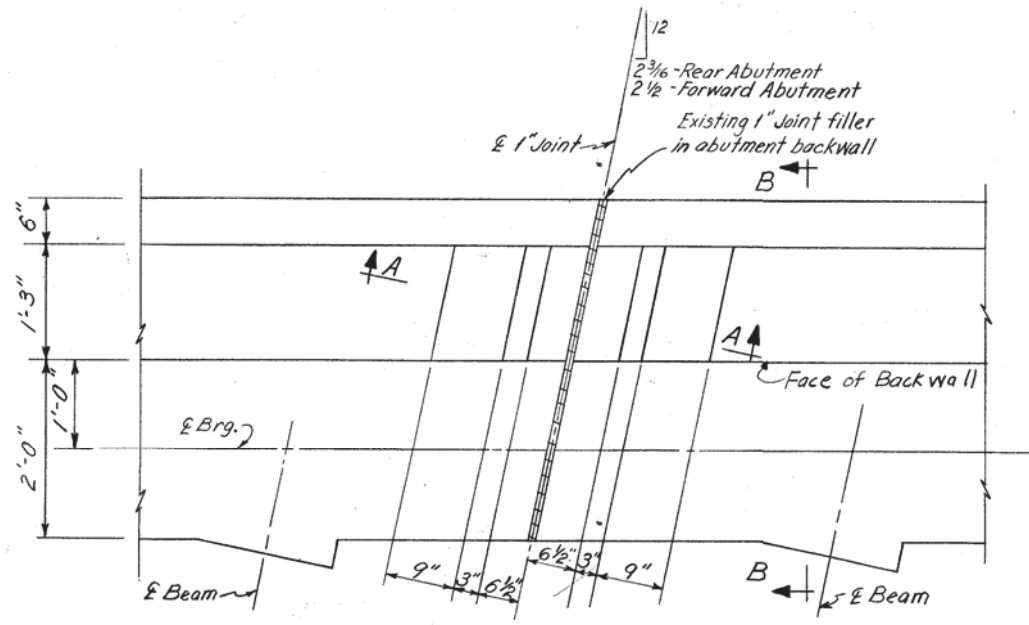
SECTION D-D

For General Notes, Estimated Quantities Reinforcing steel list See Sheet 9/3 B.

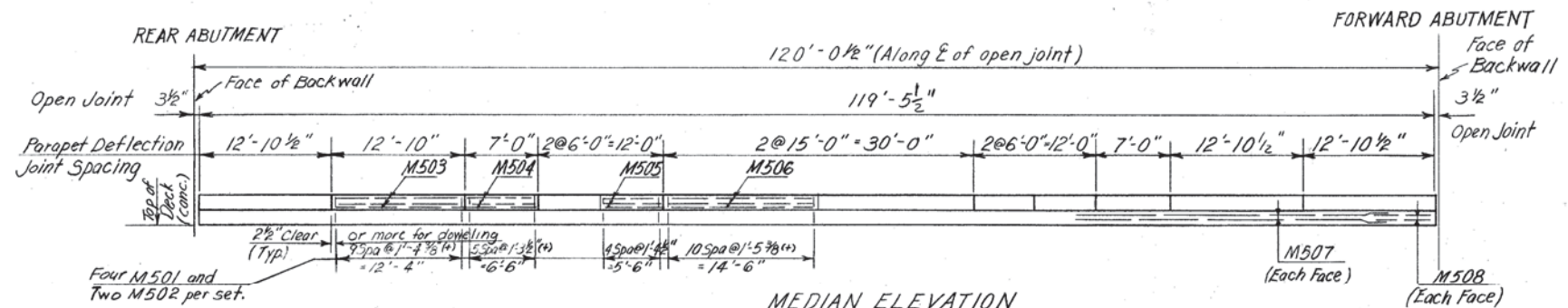
STATE OF OHIO DEPARTMENT OF HIGHWAYS DIVISION OF DESIGN AND CONSTRUCTION BUREAU OF BRIDGES						4/5
PLAN, APPROACH SLAB, MEDIAN DETAILS						
BRIDGE NO. FRA. 70-1379 S						
I-70 OVER SHORT ST.						
FRANKLIN COUNTY						
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
J.A.M.	S.K.E.		FFE			



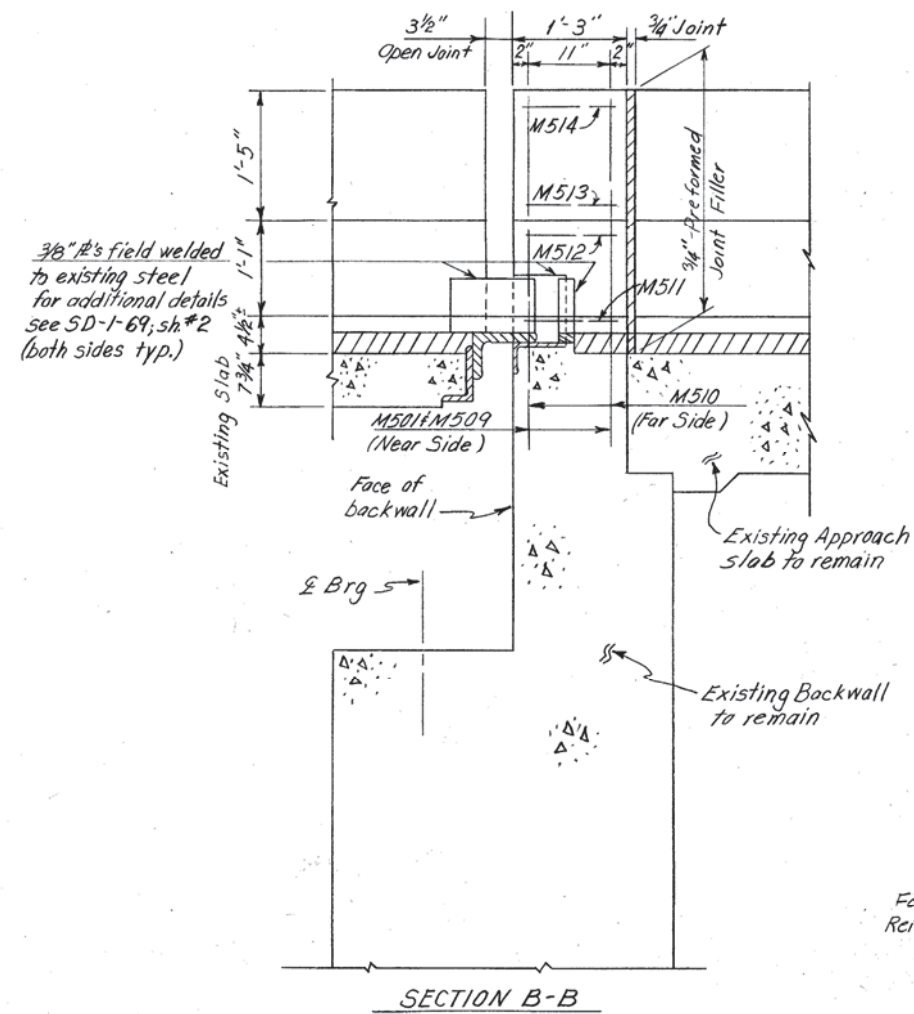
TYPICAL SECTION ON BRIDGE
 (Bridge No. FRA 70-1379 S) (Section Z-Z)
 For Location See Sheet 4/5 or 927 A



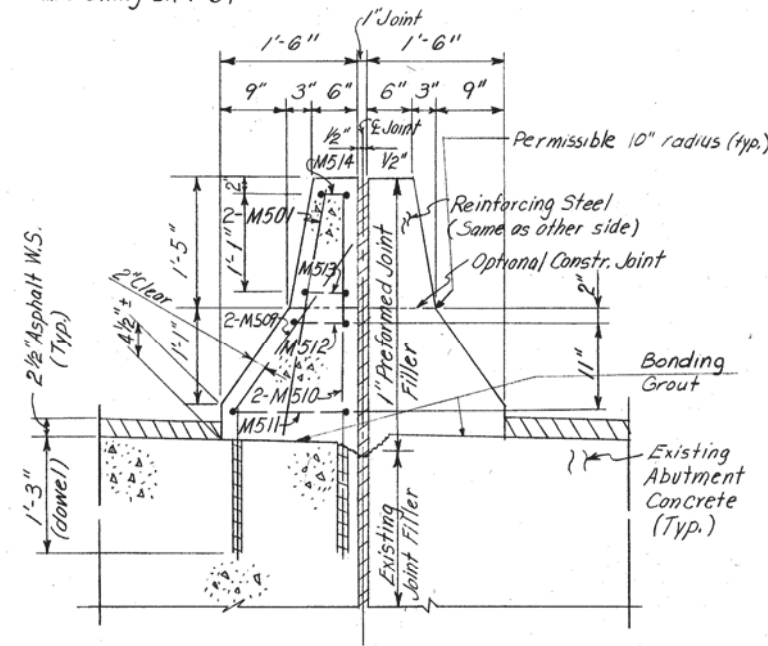
TYPICAL PLAN AT EACH ABUTMENT
 (Approach slab and Bridge Deck not shown)



MEDIAN ELEVATION
 Bridge No. Fra 70-1379 S
 (Exp. over short street)
 For additional details see Std. Drawing BR-1-67



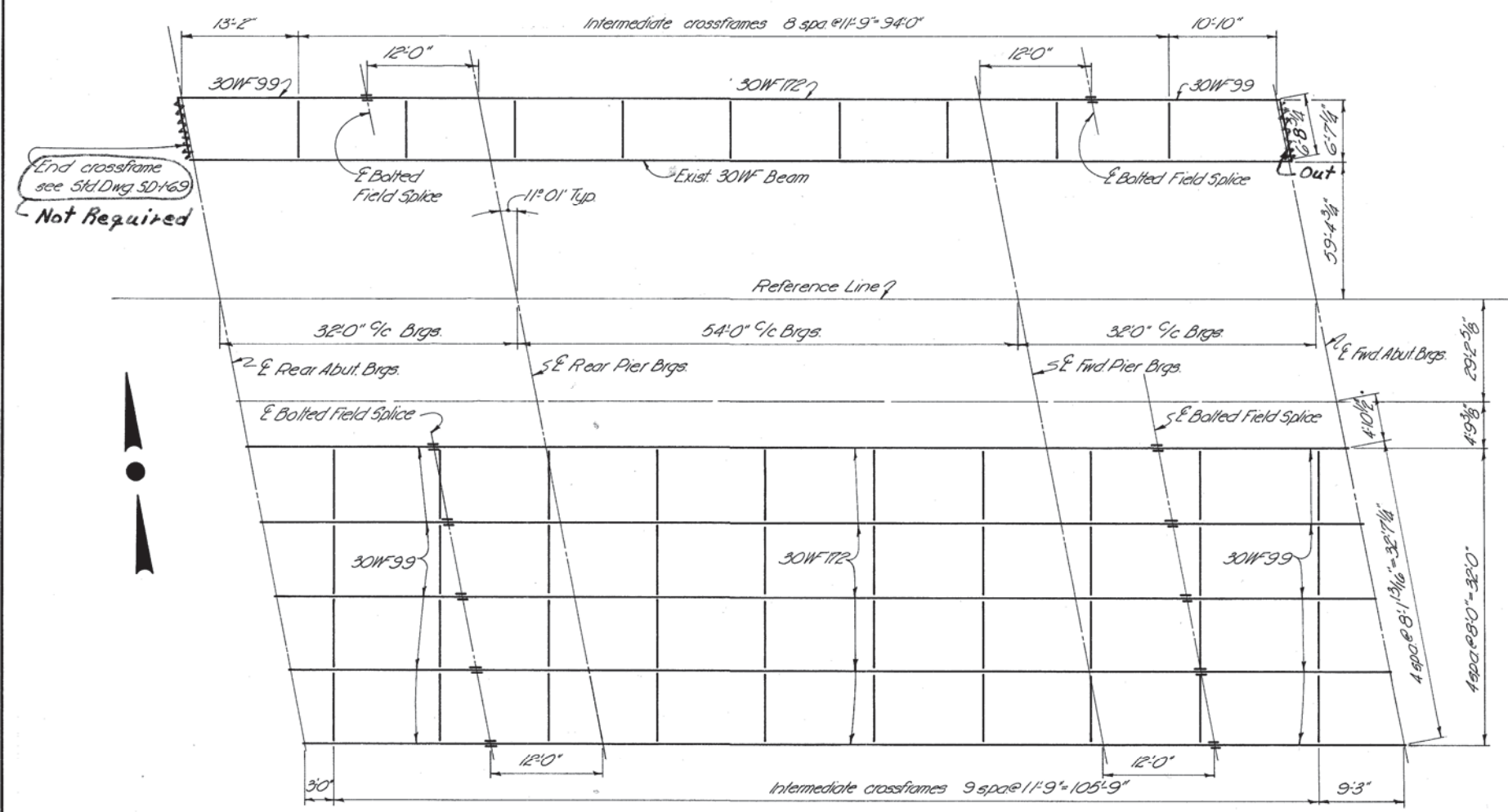
SECTION B-B



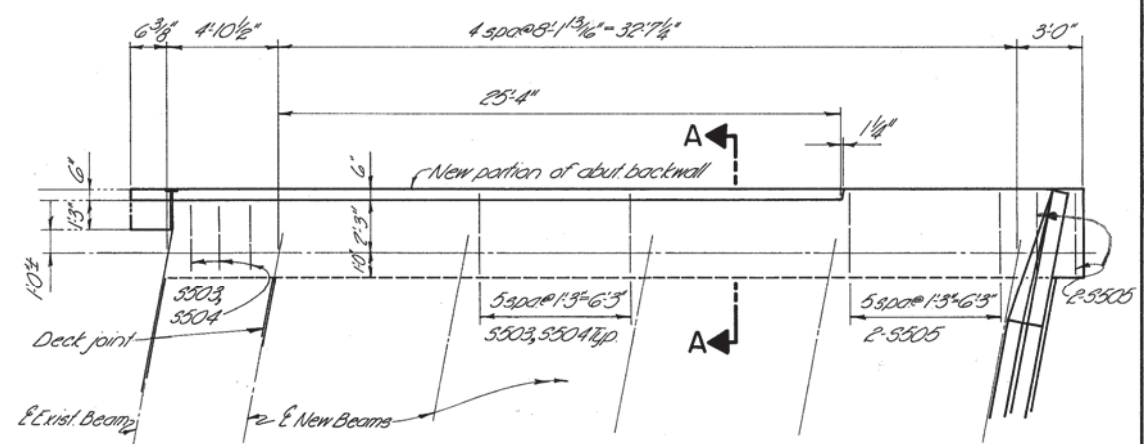
SECTION A-A
 (Note: Field alignment adjustment needed at deck to abutment sections.)

For General Notes, Estimated Quantities, Reinforcing Steel List see Sheet 913B

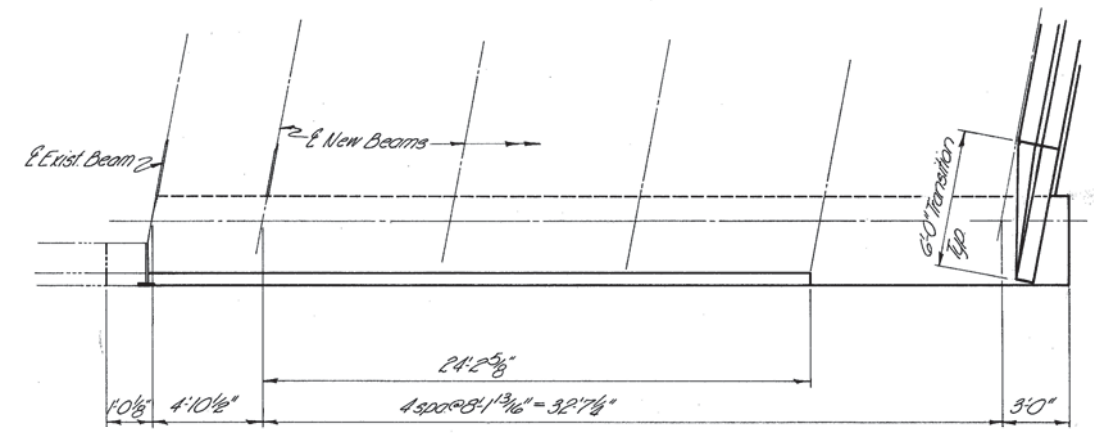
STATE OF OHIO DEPARTMENT OF HIGHWAYS DIVISION OF DESIGN AND CONSTRUCTION BUREAU OF BRIDGES						5/5
MEDIAN DETAILS BRIDGE NO. FRA 70-1379 S I-70 OVER SHORT ST. FRANKLIN COUNTY						
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
J.A.M.	S.K.E.		FFE			



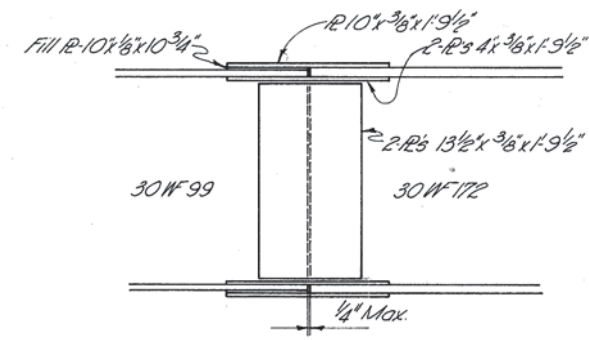
STEEL FRAMING PLAN



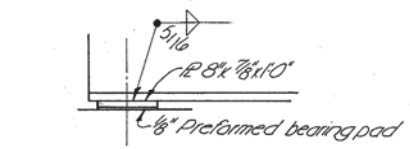
PLAN EAST END SOUTH SIDE



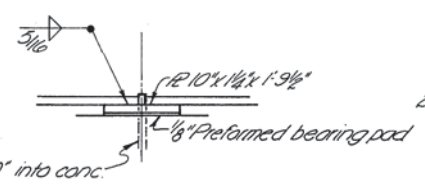
PLAN WEST END SOUTH SIDE



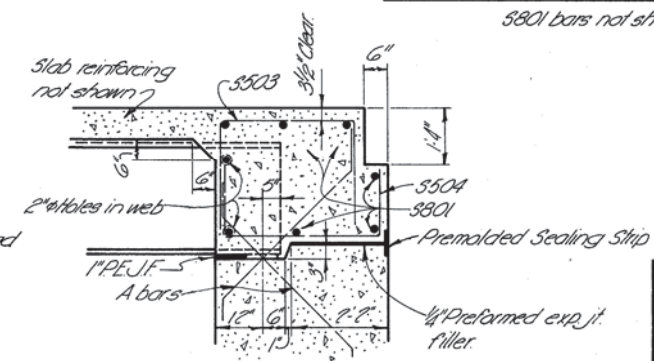
BOLTED FIELD SPLICE
For additional details see Std. Dwg. SD-169



ABUTMENT BEARING PLATES



PIER BEARINGS

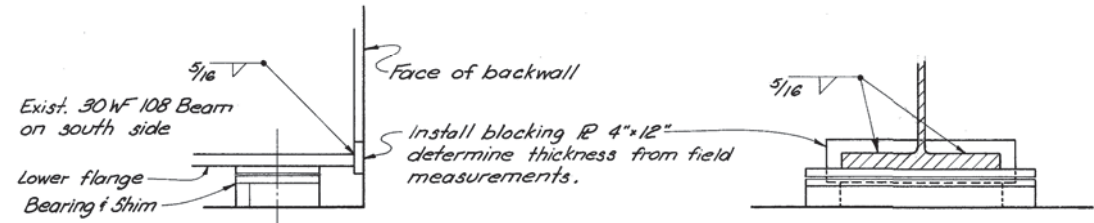


SECTION A-A

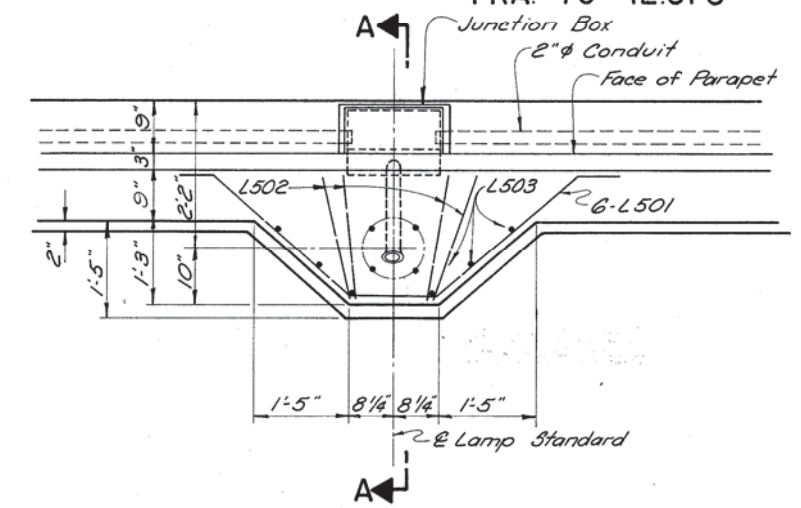
See sheet 8/9 for treatment of North Side
See sheet 8/9 for new kickers on existing beams

E. S. PRESTON ASSOCIATES, INC. 7/9 ENGINEERS COLUMBUS, OHIO				
SUPERSTRUCTURE DETAILS				
BRIDGE NO. FRA-70-1379S				
I-70 OVER SHORT ST.				
FRANKLIN COUNTY			STA. 532+34.49 STA. 533+57.08	
Designed	Drawn	Traced	Checked	Reviewed Date
RJ	RJ	NL	NH	1/5/70

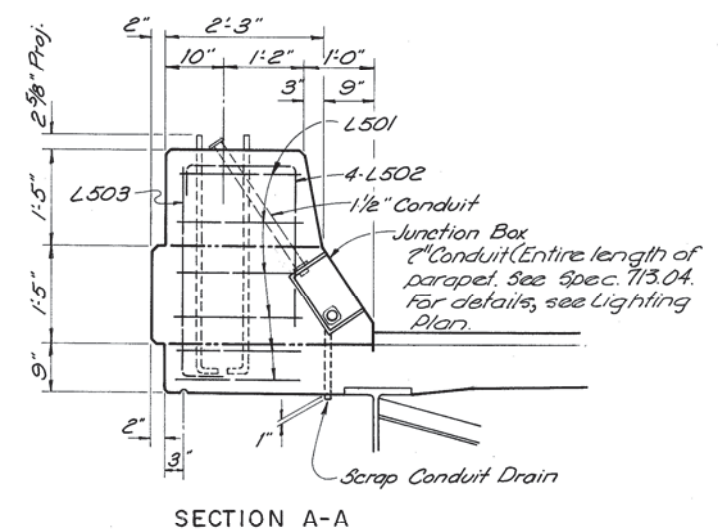
FRANKLIN COUNTY
FRA-70-12.31 S



**BLOCKING DETAIL FOR BOTH ABUTMENTS
(FOUR EXISTING BEAMS SOUTH SIDE)**



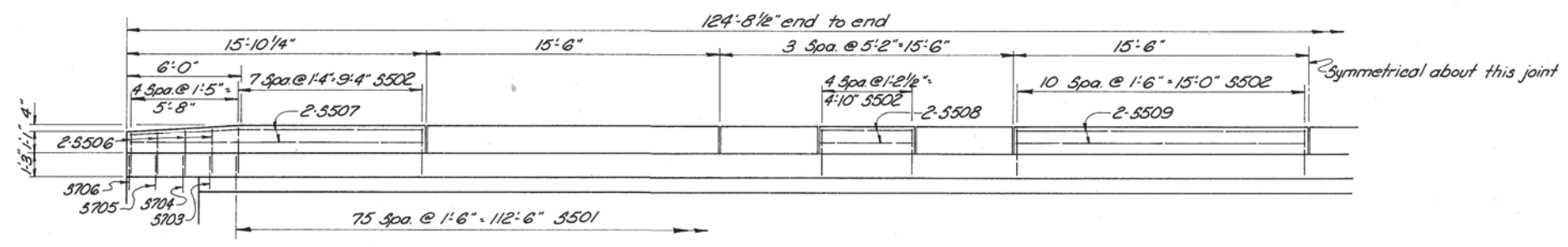
PLAN



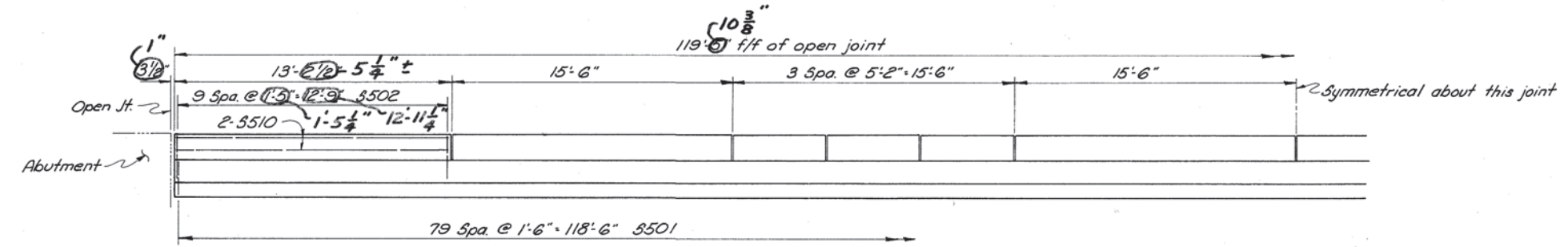
SECTION A-A

LIGHTING PILASTER DETAIL

2 Lamp Standard is to clear parapet joint 3/16" min.
NOTE: All lighting to be included with Item 625 for payment.

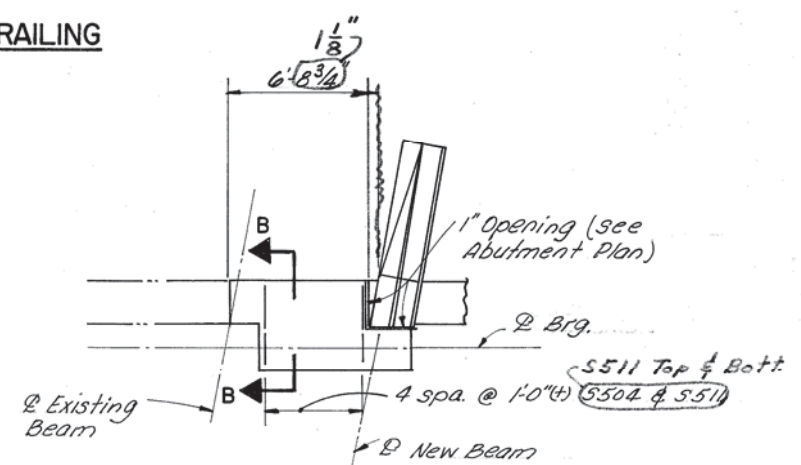


SOUTH RAILING



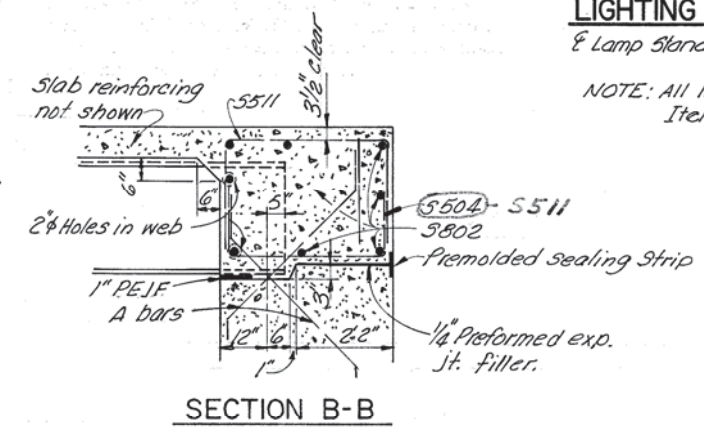
NORTH RAILING

PREFORMED EXPANSION JOINT FILLER in the parapet deflection joints may be either 1/4" gray sponge rubber or 1/4" gray cellular polyvinyl chloride (PVC) sponge. Either material shall meet the requirements of AASHTO M 153, type 1, except the density of the PVC sponge shall be not less than 20 lbs. per cu. ft.

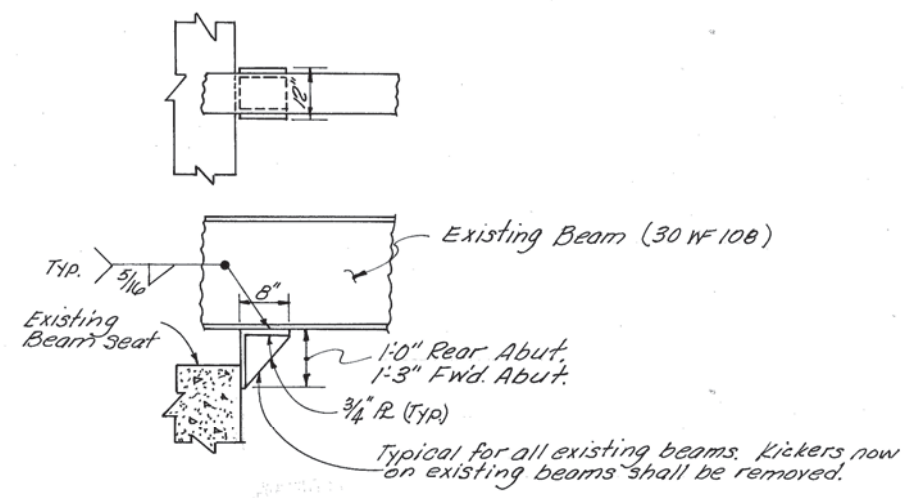


PLAN NORTH SIDE ABUTMENT EXTENSION

West side shown, East side opposite hand
S502 bars not shown.



SECTION B-B



KICKER DETAIL FOR EXISTING BEAMS

E. S. PRESTON ASSOCIATES, INC. 8/9 ENGINEERS COLUMBUS, OHIO					
SUPERSTRUCTURE DETAILS					
BRIDGE NO. FRA-70-1379 S					
I-70 OVER SHORT ST.					
FRANKLIN COUNTY				STA. 532+34.49 STA. 533+57.08	
Designed	Drawn	Traced	Checked	Reviewed Date	Revised
R.J.	R.J.	R.J.B.	N.H.	1/5/70	5-30-75

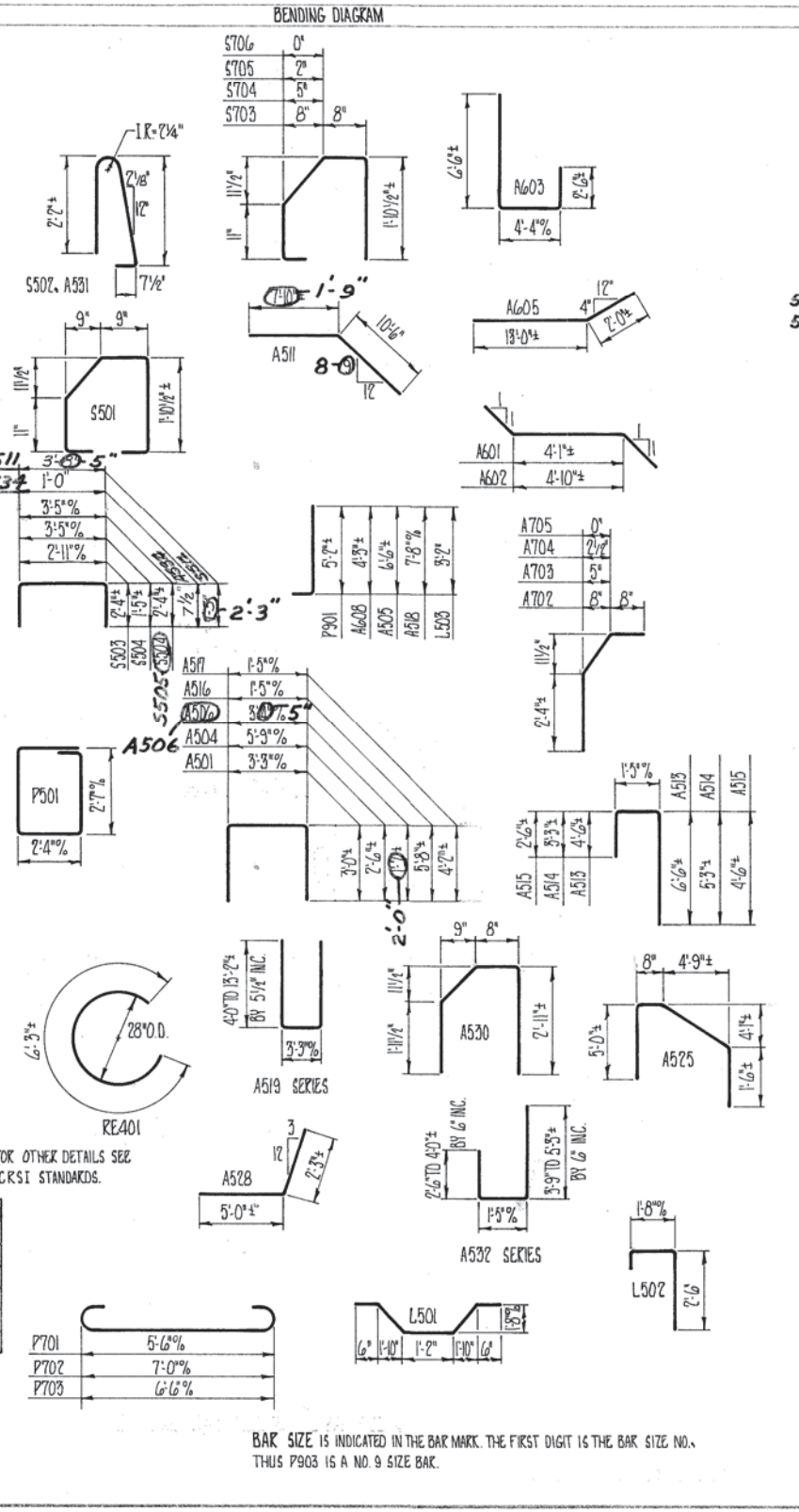
FRANKLIN COUNTY
FRA-70-12.31 S

REINFORCING STEEL LIST

MARK	NO.	LENGTH	WEIGHT	SHP.
SUPERSTRUCTURE				
S801	16	40'-0"	1709	S
S802	16	5'-10"	248	S
S701	169	9'-6"	3281	S
S702	169	34'-0"	11745	S
S703	2	5'-3"	27	B
S704	2	5'-2"	27	B
S705	2	5'-7"	27	B
S706	2	5'-0"	20	B
S601	169	9'-6"	2414	S
S602	338	6'-3"	3173	S
S603	169	34'-0"	8630	S
S604	336	30'-0"	15,140	S
S605	112	34'-7"	5817	S
S606	84	22'-0"	2716	S
S501	186	5'-3"	854	B
S502	184	5'-4"	1023	B
S503	47	7'-4"	321	B
S504	42	6'-0"	263	B
S505	32	7'-10"	261	B
S506	16	2'-2"	36	S
S507	8	15'-6"	129	S
S508	48	4'-8"	234	S
S509	32	15'-2"	506	S
S510	8	12'-10"	107	S
S511	63	7'-8"	160	B

MARK	NO.	LENGTH	WEIGHT	SHP.
PIERS				
P901	80	6'-7"	1677	B
P902	12	18'-6"	755	S
P903	20	17'-11"	1216	S
P904	20	17'-7"	1196	S
P905	12	17'-0"	694	S
P906	8	20'-4"	553	S
P907	8	19'-7"	533	S
P908	16	36'-9"	1999	S
P909	12	14'-0"	571	S
P701	32	7'-2"	469	B
P702	64	8'-8"	1134	B
P703	32	8'-2"	934	B
P501	66	10'-2"	700	B
P502	4	36'-9"	153	S

MARK	NO.	LENGTH	WEIGHT	SHP.	TURN
SPIRALS O.D. 28"					
SP401	1	15'-10"	268	B	15
SP402	2	15'-5"	523	B	14
SP403	2	15'-1"	512	B	13
SP404	1	14'-6"	247	B	12
SP405	1	20'-4"	340	B	17
SP406	1	19'-7"	328	B	16
REPLACEMENT BARS					
RE901	1	7'-10"	~	S	
RE801	1	7'-6"	~	S	
RE701	1	7'-2"	~	S	
RE601	2	6'-11"	~	S	
RE501	1	6'-7"	~	S	
RE401	1	6'-3"	~	B	



MARK	NO.	LENGTH	WEIGHT	SHP.
ABUTMENTS				
A801	8	44'-0"	940	S
A802	14	10'-11"	408	S
A803	4	31'-6"	336	S
A804	4	43'-0"	459	S
A701	18	6'-6"	239	S
A702	2	4'-0"	16	B
A703	2	3'-11"	16	B
A704	2	3'-11"	16	B
A705	2	3'-10"	16	B
A601	16	5'-5"	455	B
A602	16	6'-2"	519	B
A603	16	13'-0"	512	B
A604	2	15'-0"	45	B
A605	4	13'-0"	78	S
A606	2	15'-0"	45	S
A607	18	4'-11"	133	B
A608	18	6'-6"	176	S
A609	18	6'-6"	176	S
A610	3	13'-6"	67	S
A501	91	9'-0"	854	B
A502	8	44'-0"	184	S
A503	14	5'-8"	83	S
A504	16	10'-6"	175	B
A505	10	7'-0"	73	B
A506	12	17'-2"	90	B
A507	4	15'-6"	65	S
A508	4	14'-0"	58	S
A509	4	12'-0"	50	S
A510	4	3'-0"	15	S
A511	4	12'-0"	50-51	B
A512	10	6'-6"	68	S
A513	2	12'-2"	25	B
A514	2	9'-8"	20	B
A515	2	8'-3"	17	B
A516	2	12'-6"	26	B
A517	2	9'-6"	20	B
A518	12	8'-2"	102	B
A519	ONE SER. OF 21	11'-0" TO 29'-4"	442	B
A520	20	10'-9"	224	S
A521	2	22'-6"	47	S
A522	2	30'-0"	63	S
A523	2	36'-6"	76	S
A524	4	45'-10"	183	S
A525	2	13'-2"	27	B
A526	4	3'-0"	13	S
A527	1	18'-0"	14	S
A528	14	7'-2"	105	B
A529	16	7'-8"	128	S
A530	4	6'-7"	27	B
A531	4	5'-4"	22	B
A532	TWO SER. OF 4	7'-5" TO 10'-5"	74	B
A533	16	2'-2"	36	S
A534	10	2'-0"	21	B
LIGHTING PILASTERS				
L501	12	7'-0"	X	B
L502	8	4'-7"	X	B
L503	12	3'-8"	X	B

SPIRAL REINFORCING BARS: The "Length shown in the steel list for the spiral is the distance from the top of footing to the bottom of the pier cap. The "No. of Turns" shown is the "Length" divided by pitch, plus 3 turns. (Total number of closed coils), expressed as the nearest whole number.

One and one half closed coils shall be provided at the ends of each spiral unit. Four steel angle spacers 1" x 1" x 1/8" weighing 80 lbs. per lin. ft. of spacer shall be provided for each spiral unit. They shall be equally spaced along the periphery of the coil. The number of pounds of these spacers, based on 80 lbs. per lin. ft. will be paid for as reinforcing steel and is included in the tabulated quantity of spiral bars.

.80

VARY EACH BY 1" INC.

VARY EACH BY 12" INC.

* INCLUDED IN ITEM 645 FOR PAYMENT.

BAR SIZE IS INDICATED IN THE BAR MARK. THE FIRST DIGIT IS THE BAR SIZE NO., THUS P903 IS A NO. 9 SIZE BAR.

E. S. PRESTON ASSOCIATES, INC. ENGINEERS COLUMBUS, OHIO					9/9
REINFORCING STEEL LIST					
BRIDGE NO. FRA-70-1379 S					
I-70 OVER SHORT ST.					
FRANKLIN COUNTY				STA. 532+34.49 STA. 533+57.08	
Designed	Drawn	Traced	Checked	Reviewed Date	Revised
R.J.	R.J.	J.L.	N.H.	11/5/70	5-30-73 6-28-73