

Plan for setting 6/10/66

STATE OF ILLINOIS DEPARTMENT OF PUBLIC WORKS AND BUILDINGS DIVISION OF HIGHWAYS PLANS FOR PROPOSED STATE BOND ISSUE HIGHWAY

ROAD DISTRICT	SEC.	COUNTY	SHEET	SHEET
S.B.I. 183	112	FRANKLIN	21	1
FED. ROAD DIST. NO. 1 ILLINOIS PROJECT				

SCALES

PLAN	1 INCH	100 FT.
PROFILE, HOR.	1 INCH	100 FT.
PROFILE, VERT.	1 INCH	10 FT.
CROSS-SECTIONS	1 INCH	5 FT.

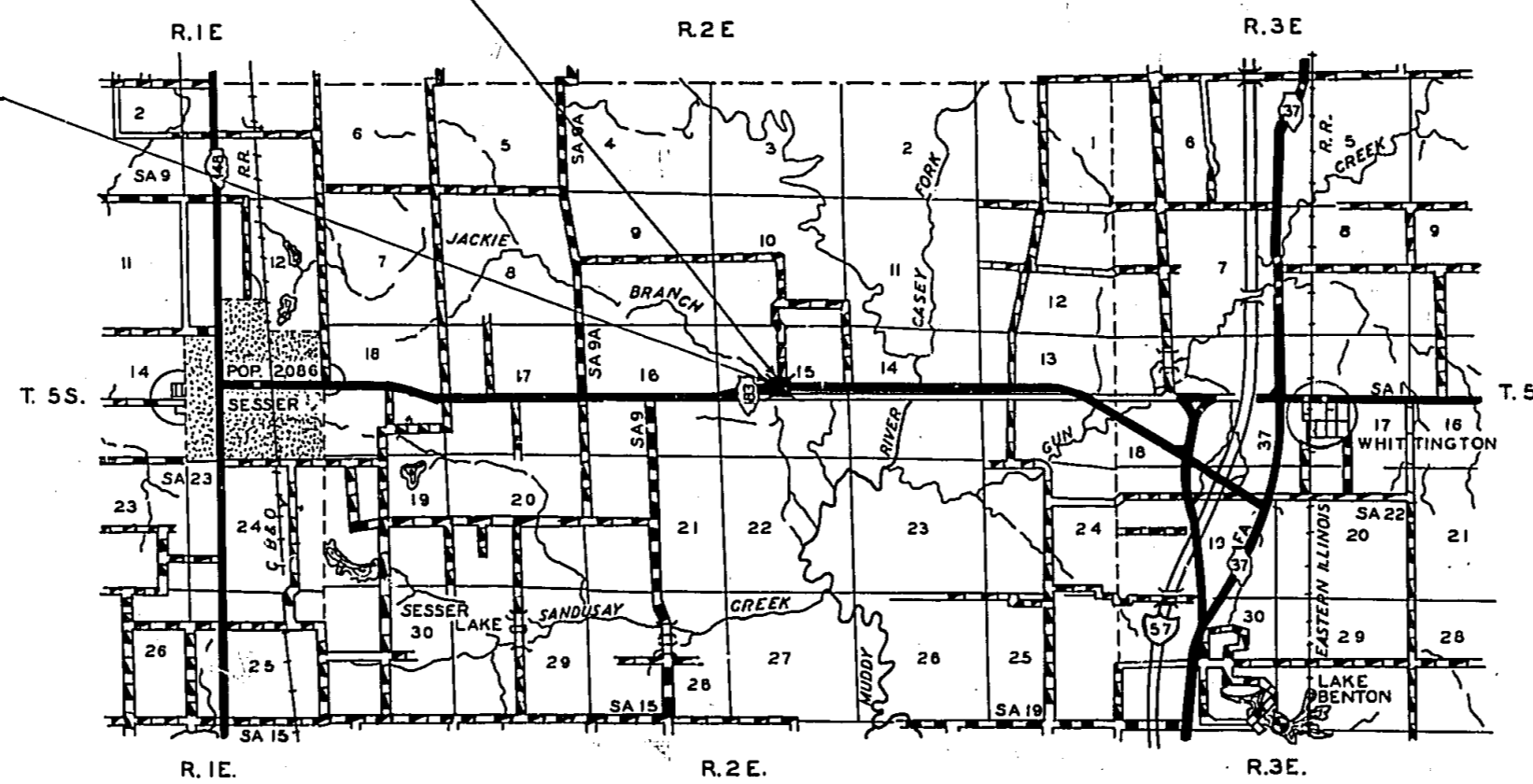
S.B.I. ROUTE 183 SECTION 112, B-1 FRANKLIN COUNTY C-99-417-65



INDEX OF SHEETS ON SHEET NO. 3
SUMMARY OF QUANTITIES ON SHEET NO. 3

PROJECT
BEGINS STA. 214+34.62
ENDS STA. 218+45.37

A THREE (3) SPAN W-BEAM BRIDGE (COVER JACKIE BRANCH)
SPANS 2 @ 63'-2" AND 1 @ 80'-10" ON R.C. SOLID PIERS
AND PILE BENT ABUTMENTS AT STATION 215+40.
211'-9" BK-BK ABUT.



APPROXIMATE SCALE: 1" = 1 MILE

NET LENGTH
210.75 LIN. FT. 0.339 MILES

CONTRACT NO. 24631

FRANKLIN COUNTY SECTION 112 B-1 S. B. I. ROUTE 183

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS

SUBMITTED: *Jan 6 1966*

EXAMINED: *May 9 1966*

PASSED: *May 19 1966*

APPROVED: *May 18 1966*

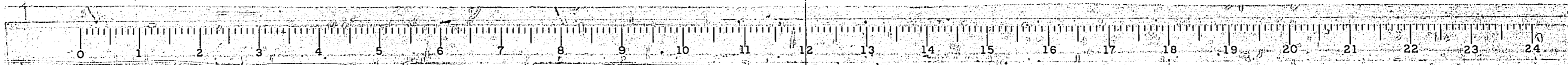
APPROVED: *May 9 1966*

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC LOADS

APPROVED: _____

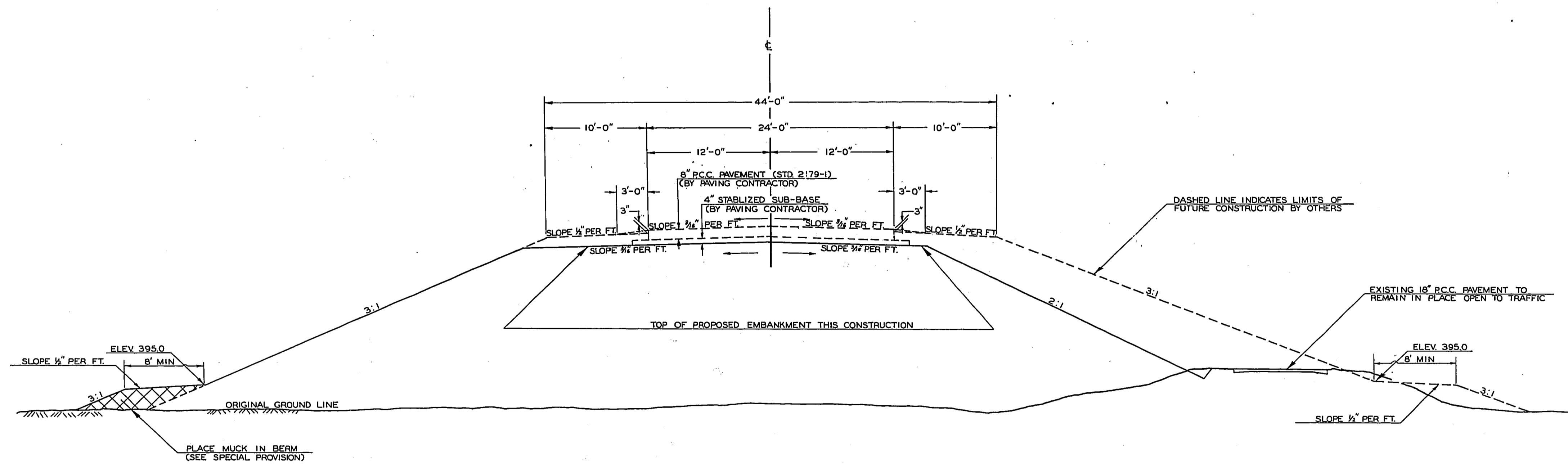
DISTRICT ENGINEER

DATE: _____



ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. 183	112B-1	FRANKLIN	21	2

TYPICAL SECTION OF PROPOSED EMBANKMENT

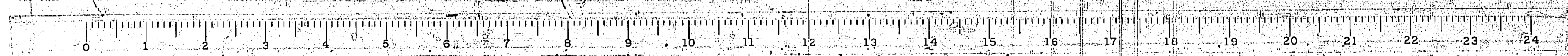


TYPICAL SECTION

S.B.I. ROUTE 183

SECTION 112B-1

FRANKLIN COUNTY



HIGHWAY CLASSIFICATION 675-M-70

SBI 183 112B-1 FRANKLIN 21 3

GENERAL NOTES

NO OVERHAUL WILL BE ALLOWED FOR EARTH MOVED FROM ANY SOURCE.

WHEREVER IN THESE PLANS REFERENCE IS MADE TO THE "STANDARD SPECIFICATIONS," IT IS UNDERSTOOD TO INCLUDE THE "SUPPLEMENTAL SPECIFICATIONS, EFFECTIVE JANUARY 3, 1966.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	TYPICAL SECTION
3	GENERAL NOTES, SUMMARY OF QUANTITIES, INDEX OF SHEETS & BALANCE QUANTITIES
4	PLAN PROFILE SHEET
5	DELETED
* 6-15	BRIDGE PLANS
16-18	CROSS SECTION MAINLINE
19	CROSS SECTIONS JACKIE BRANCH
20	STD. 214 FLAGMAN SIGN STD. 2165 ROAD UNDER CONSTRUCTION SIGN
21	STD. 1686-2 STANDARD SYMBOLS, STD. 2113-1 BRIDGE NAME PLATE

* INCLUDES 2A

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	TOTAL QUANTITY
010005	TREE REMOVAL, ACRES	ACRE	4.9	4.9
011001	EARTH EXCAVATION	CU YD	476	476
011018	MUCK REMOVAL	CU YD	3,146	3,146
012001	CHANNEL EXCAVATION	CU YD	372	372
013001	BORROW EXCAVATION	CU YD	57,677	57,677
016003	WATER APPLIED	UNIT	15	15
050001	CLASS A EXCAVATION FOR STRUCTURES	CU YD	227	227
050002	CLASS B EXCAVATION FOR STRUCTURES	CU YD	360	360
052003	CLASS X CONCRETE	CU YD	474.7	474.7
052021	PROTECTIVE COAT	SQ YD	950	950
054001	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	204,500	204,500
059001	REINFORCEMENT BARS	POUND	70,620	70,620
060002	FURNISHING UNTREATED PILES, 20.1 - 45 FEET	LIN FT	2,475	2,475
060005	FURNISHING CREOSOTED PILES, 20.1 - 38 FEET	LIN FT	336	336
060007	TEST PILE TIMBER	EACH	1	1
060008	DRIVING TIMBER PILES	LIN FT	2,811	2,811
060027	FURNISHING STEEL PILES 8BP36	LIN FT	1,445	1,445
060036	TEST PILE STEEL 8BP36	EACH	1	1
060037	DRIVING STEEL PILES	LIN FT	1,445	1,445
061001	NAME PLATES	EACH	1	1
Z00004	ALUMINUM HANDRAIL	LIN FT.	417	417
Z01023	BRIDGE SEAT SEALANT	LUMP SUM	1	1
062016	BEDDING MATERIAL	TONS	1,247	1,247
062022	RIPRAP TYPE B, 20"	TONS	2,220	2,220
Z01398	ENGINEER'S FIELD OFFICE TYPE A	EACH	1	1
Z01379	ENGINEER'S FIELD LABORATORY	EACH	1	1

* CONST. TYPE CODE CE-56

BALANCE QUANTITIES

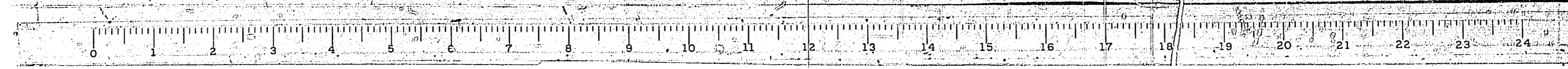
BAL. NO.	LIMITS STA. TO STA.	EARTH EXCAV.	BORROW EXCAV.	CHAN. EXCAV.	MUCK RE'OV.	EMBANKMENT	REMARKS
1	211+98 TO 218+88	476	57,677	372	3,146	49,954	(1) PLACE EARTH EX. IN CORE OF FUTURE RDWY. EMB. AS DIRECTED BY THE ENGINEER. (SEE STA. X-SEC.) (2) 29,448 CU. YDS. BORROW WEST CONE 28,229 CU. YDS. BORROW EAST CONE (3) PLACE 900 CU. YDS. OF CHAN. EX. AND MUCK IN BERN AND WASTE REMAINDER AS DIRECTED BY THE ENGINEER.
TOTALS		476	57,677	372	3,146		

PREPARED BY: *R.D. Miller*
DIST. DESIGN ENGINEER
EXAMINED BY: *Arnold Ferguson*
DIST. CONST. ENGINEER
EXAMINED BY: *J.H. Miller*
DIST. MAINT. ENGINEER
EXAMINED BY: *W.B. Stalman*
DIST. TRAFFIC ENGINEER
EXAMINED BY: *Frank P. Brock*
DIST. MATERIALS ENGINEER
EXAMINED BY: *F.E. Moulton*
DIST. R.D.W. ENGINEER
APPROVED: *Jan 16 1966*
DISTRICT ENGINEER
DATE: *1/16/66*

S. B. I. ROUTE 183 SECTION 112B-1 FRANKLIN COUNTY

DESIGNED: District Engineer's Office B.
Added: Engr. Field Office A. & Engr. Field Lab. Cont.

5/16/66 added Class A Exc. bedding mat'l
Deleted Slope Mat'l



HIGHWAY CLASSIFICATION

675-M-70

531 103 112B-1 FRANKLIN 21 3

GENERAL NOTES

NO OVERHAUL WILL BE ALLOWED FOR EARTH MOVED FROM ANY SOURCE.

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5	DELETED
6-15	BRIDGE PLANS
16-18	CROSS SECTION MAINLINE
19	CROSS SECTIONS JACKIE BRANCH
20	STD. 2114 FLAGMAN SIGN STD. 2105 ROAD UNDER CONSTRUCTION SIGN
21	STD. 1666-2 STANDARD SYMBOLS, STD. 2113-1 BRIDGE NAME PLATE

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	TOTAL QUANTITY
			PROJECT STA 215+40 CONSTRUCTION CODE X071	
010005	TREE REMOVAL, ACRES	ACRE	49	49
011001	EARTH EXCAVATION	CU YD	476	476
011018	MUCK REMOVAL	CU YD	3148	3148
012001	CHANNEL EXCAVATION	CU YD	372	372
013001	BORROW EXCAVATION	CU YD	57,677	57,677
018003	WATER APPLIED	UNIT	15	15
050001	CLASS A EXCAVATION FOR STRUCTURES	CU YD	227	227
050002	CLASS B EXCAVATION FOR STRUCTURES	CU YD	360	360
052003	CLASS X CONCRETE	CU YD	474.7	474.7
052021	PROTECTIVE COAT	SQ YD	950	950
054001	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	204,500	204,500
059001	REINFORCEMENT BARS	POUND	70,620	70,620
060002	FURNISHING UNTREATED PILES, 20.1 - 45 FEET	LIN FT	2,475	2,475
060005	FURNISHING CREOSOTED PILES, 20.1 - 38 FEET	LIN FT	336	336
060007	TEST PILE TIMBER	EACH	1	1
060008	DRIVING TIMBER PILES	LIN FT	2,811	2,811
060027	FURNISHING STEEL PILES 8BP36	LIN FT	1,445	1,445
060036	TEST PILE STEEL 8BP36	EACH	1	1
060047	DRIVING STEEL PILES	LIN FT	1,445	1,445
061001	NAME PLATES	EACH	1	1
200004	ALUMINUM HANDRAIL	LIN. FT.	417	417
201023	BRIDGE SEAT SEALANT	LUMP SUM	1	1
202018	BEDDING MATERIAL	TONS	1,247	1,247
202022	RIPRAP TYPE B, 20"	TONS	2,220	2,220
201388	ENGINEER'S FIELD OFFICE TYPE A	EACH	1	1
201379	ENGINEER'S FIELD LABORATORY	EACH	1	1

BALANCE QUANTITIES

BAL. NO.	LIMITS STA. TO STA.	EARTH EXCAV.	BORROW EXCAV.	CHAM. EXCAV.	MUCK REMOV.	EMBANKMENT
1	211+98 TO 218+88	476	57,677	372	3148	49,954
TOTALS		476	57,677	372	3148	

REMARKS

- (1) PLACE EARTH EX. IN CORE OF FUTURE RDWY. EMB. AS DIRECTED BY THE ENGINEER (SEE STA. X-SEC.)
- (2) 29,448 CU. YDS. BORROW WEST CONE 28,229 CU. YDS. BORROW EAST CONE
- (3) PLACE 900 CU. YDS. OF CHAM. EX. AND MUCK IN BERN AND WASTE REMAINDER AS DIRECTED BY THE ENGINEER.

PREPARED BY: *R.D. Miller*
DIST. DESIGN ENGINEER

EXAMINED BY: *Arnold*
DIST. CONST. ENGINEER

EXAMINED BY: *W.B. Chalmers*
DIST. MAINT. ENGINEER

EXAMINED BY: *W.B. Chalmers*
DIST. TRAFFIC ENGINEER

EXAMINED BY: *Frank P. Bunch*
DIST. MATERIALS ENGINEER

EXAMINED BY: *J.E. Miller*
DIST. R.O.W. ENGINEER

APPROVED: *Sam C. 1966*
DISTRICT ENGINEER

DATE: *11-9-66*

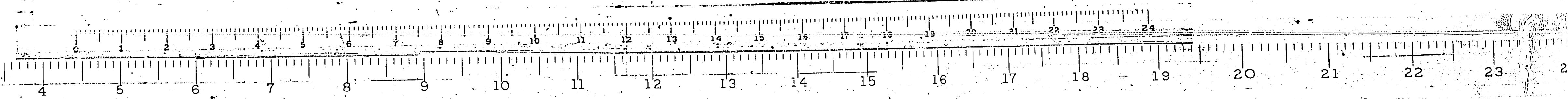
* CONST. TYPE CODE CE-58

S. B. 1. ROUTE 183 SECTION 112B-1 FRANKLIN COUNTY

11-9-66

11-9-66

11-9-66 Added Sheet 2A-DLW



HIGHWAY CLASSIFICATION

675--M--70

GENERAL NOTES

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20	STD. 214 FLAGMAN SIGN STD. 2105 ROAD UNDER CONSTRUCTION SIGN
21	STD. 1666-2 STANDARD SYMBOLS, STD. 2113-1 BRIDGE NAME PLATE

* INCLUDES 2A & 2A

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY	TOTAL QUANTITY
010005	TREE REMOVAL, ACRES	ACRE	4.9	4.9
011001	EARTH EXCAVATION	CU YD	476	476
011013	MUCK REMOVAL	CU YD	3148	3148
012001	CHANNEL EXCAVATION	CU YD	372	372
013001	BORROW EXCAVATION	CU YD	57,677	57,677
016003	WATER APPLIED	UNIT	15	15
020001	CLASS A EXCAVATION FOR STRUCTURES	CU YD	360	360
050002	CLASS B EXCAVATION FOR STRUCTURES	CU YD	474.7	474.7
052003	CLASS X CONCRETE	CU YD	950	950
052021	PROTECTIVE COAT	SQ YD	204,500	204,500
054001	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	16,620	16,620
059001	REINFORCEMENT BARS	POUND	2,475	2,475
060002	FURNISHING UNTREATED PILES, 20.1 - 45 FEET	LIN FT	336	336
060005	FURNISHING CREOSOTED PILES, 20.1 - 38 FEET	LIN FT	1	1
060007	TEST PILE TIMBER	EACH	2,811	2,811
060008	DRIVING TIMBER PILES	LIN FT	1,445	1,445
060027	FURNISHING STEEL PILES 8BP36	LIN FT	1	1
060034	TEST PILE STEEL 8BP36	EACH	1,445	1,445
060037	DRIVING STEEL PILES	LIN FT	1	1
061001	NAME PLATES	EACH	417	417
200004	ALUMINUM HANDRAIL	LIN. FT.	1	1
201023	BRIDGE SEAT SEALANT	LUMP SUM	1,247	1,247
062016	BEDDING MATERIAL	TONS	2,220	2,220
062022	RIPRAP TYPE B, 20"	TONS	1	1
201268	ENGINEER'S FIELD OFFICE TYPE A	EACH	1	1
201379	ENGINEER'S FIELD LABORATORY	EACH	1	1

BALANCE QUANTITIES

BAL. NO.	LIMITS STA. TO STA.	EARTH EXCAV.	BORROW EXCAV.	CHAN. EXCAV.	MUCK REMOV.	EMBANKMENT	REMARKS
1	211+00 TO 218+88	476	57,677	372	3148	49,954	(1) PLACE EARTH EX. IN CORE OF FUTURE RDWY EMB. AS DIRECTED BY THE ENGINEER (SEE STA. 2-SEC.) (2) 28,128 CU YDS BORROW WEST CONE 28,229 CU YDS BORROW EAST CONE (3) PLACE 500 CU YDS OF CHAN. EX. AND MUCK IN EERN AND WASTE REMAINDER AS DIRECTED BY THE ENGINEER.
TOTALS		476	57,677	372	3148		

PREPARED BY: *R. D. Smith*
 DIST. DESIGN ENGINEER

EXAMINED BY: *W. H. Smith*
 DIST. CONST. ENGINEER

EXAMINED BY: *W. H. Smith*
 DIST. TRAFFIC ENGINEER

EXAMINED BY: *W. H. Smith*
 DIST. MATERIALS ENGINEER

EXAMINED BY: *W. H. Smith*
 DIST. R. O. W. ENGINEER

APPROVED: *W. H. Smith*
 DISTRICT ENGINEER

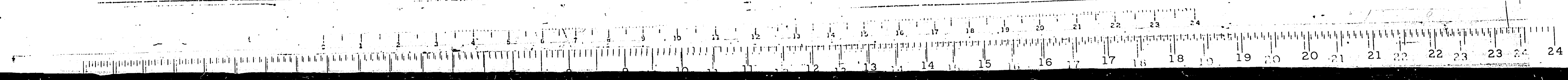
DATE: *11/1/66*

* CONST. TYPE CODE CE-58

61500 - DISTRICT ENGINEER'S OFFICE
 1000 - DIST. ENG. PLAN OFFICE A. E. KING BUILDING

511700 - DISTRICT ENGINEER'S OFFICE
 1000 - DIST. ENG. PLAN OFFICE A. E. KING BUILDING

112500 - DISTRICT ENGINEER'S OFFICE
 1000 - DIST. ENG. PLAN OFFICE A. E. KING BUILDING



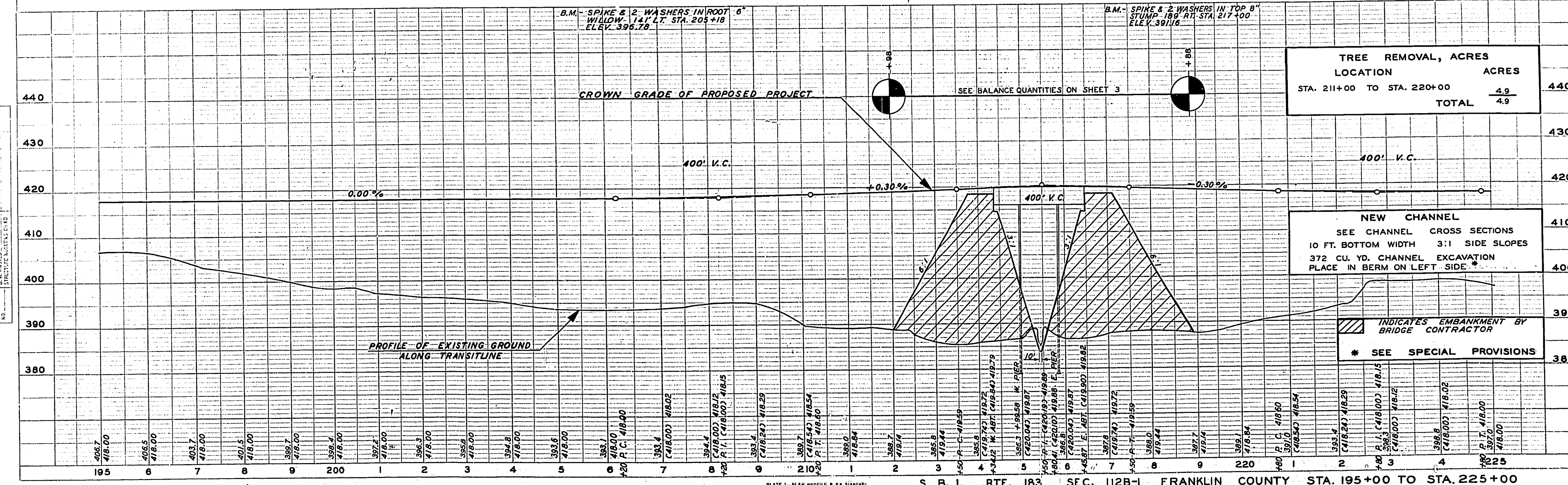
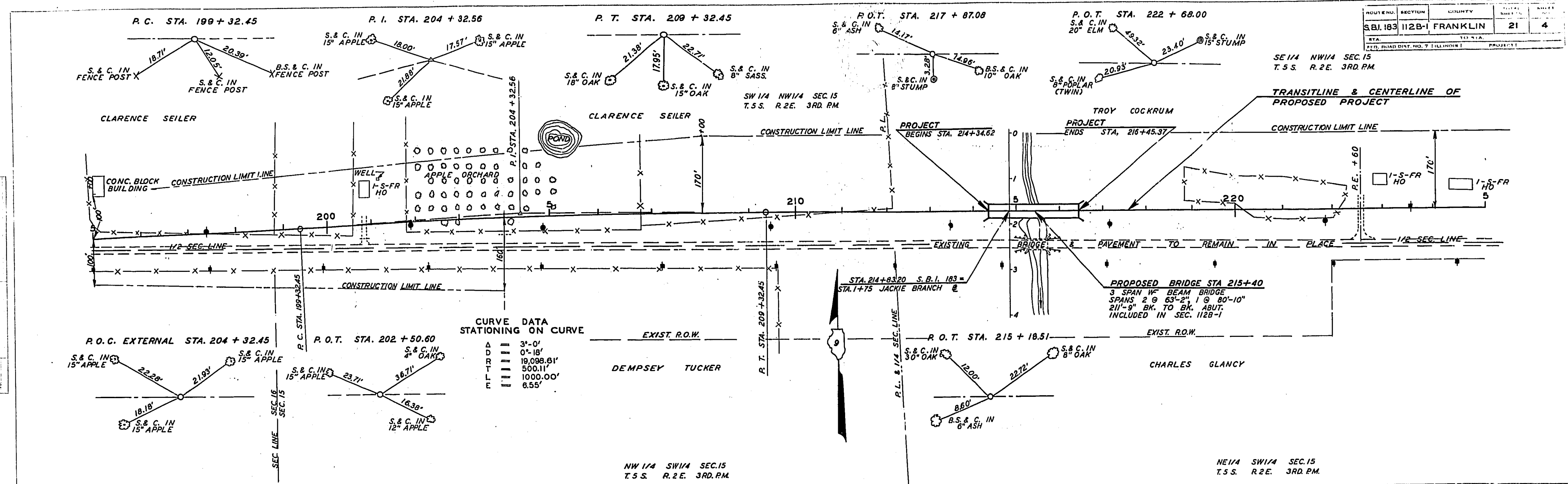
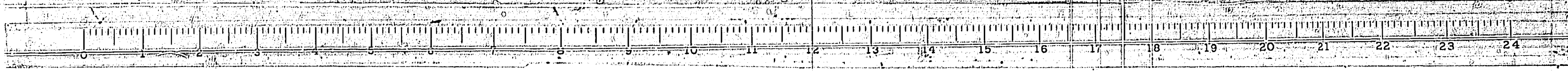
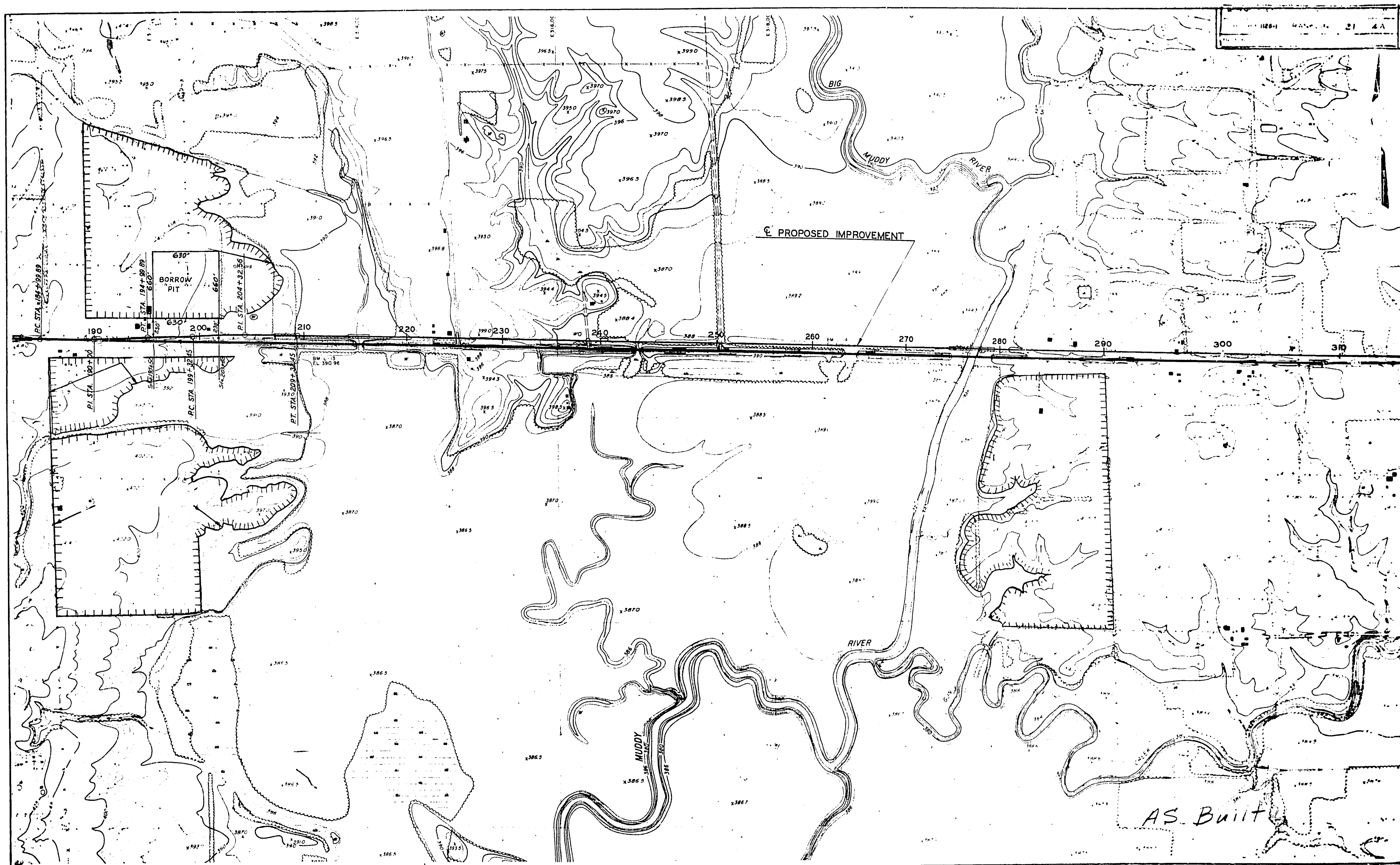


PLATE 14-PLAN PROFILE & P.A. SINKING THE PROPOSED ROAD OR CANAL
 S. B. I. RTE. 183 SEC. 112B-1 FRANKLIN COUNTY STA. 195+00 TO STA. 225+00





SPECIAL SHEET - PROPOSED BORROW PITS

S B I RTE 183 SECTION 112 FRANKLIN COUNTY

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO. /
S.B.I. 183	112	FRANKLIN	21	10 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

Except as otherwise provided, all structural steel shall receive one shop coat of red lead paint and two field coats of aluminum paint. See Article 56.1 to 56.5 inclusive of the Standard Specifications.

All structural steel shall conform to A.S.T.M. Designation A-36.

The contractor shall drive one steel test pile in East abutment and one timber test pile in permanent location as directed by the engineer before ordering the remainder of piles.

Excavation for portions of structures in the embankment shall not be classified.

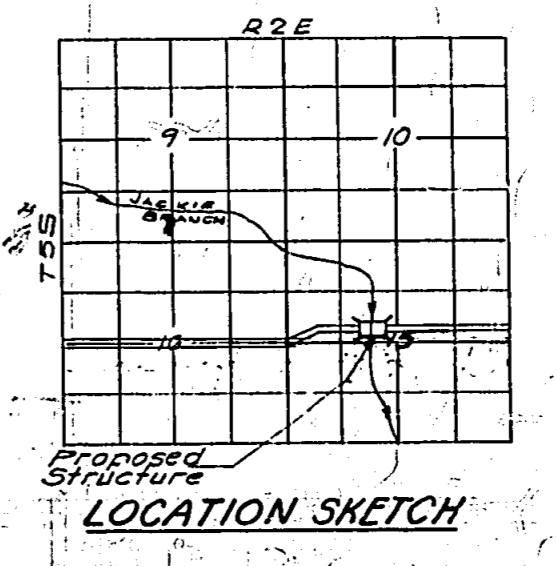
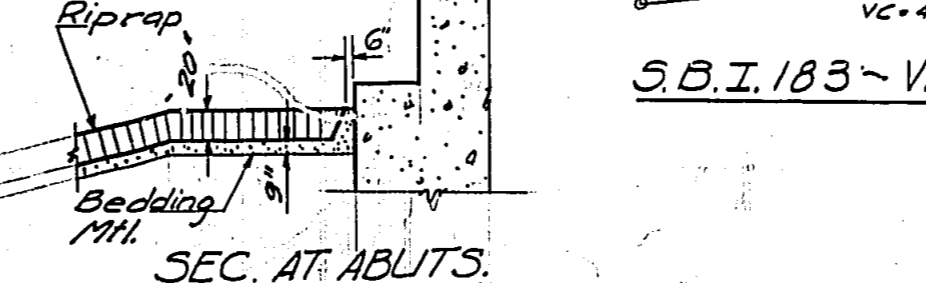
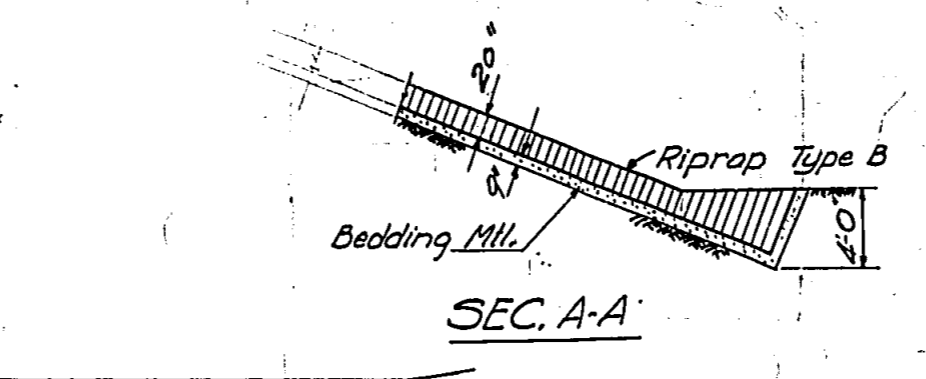
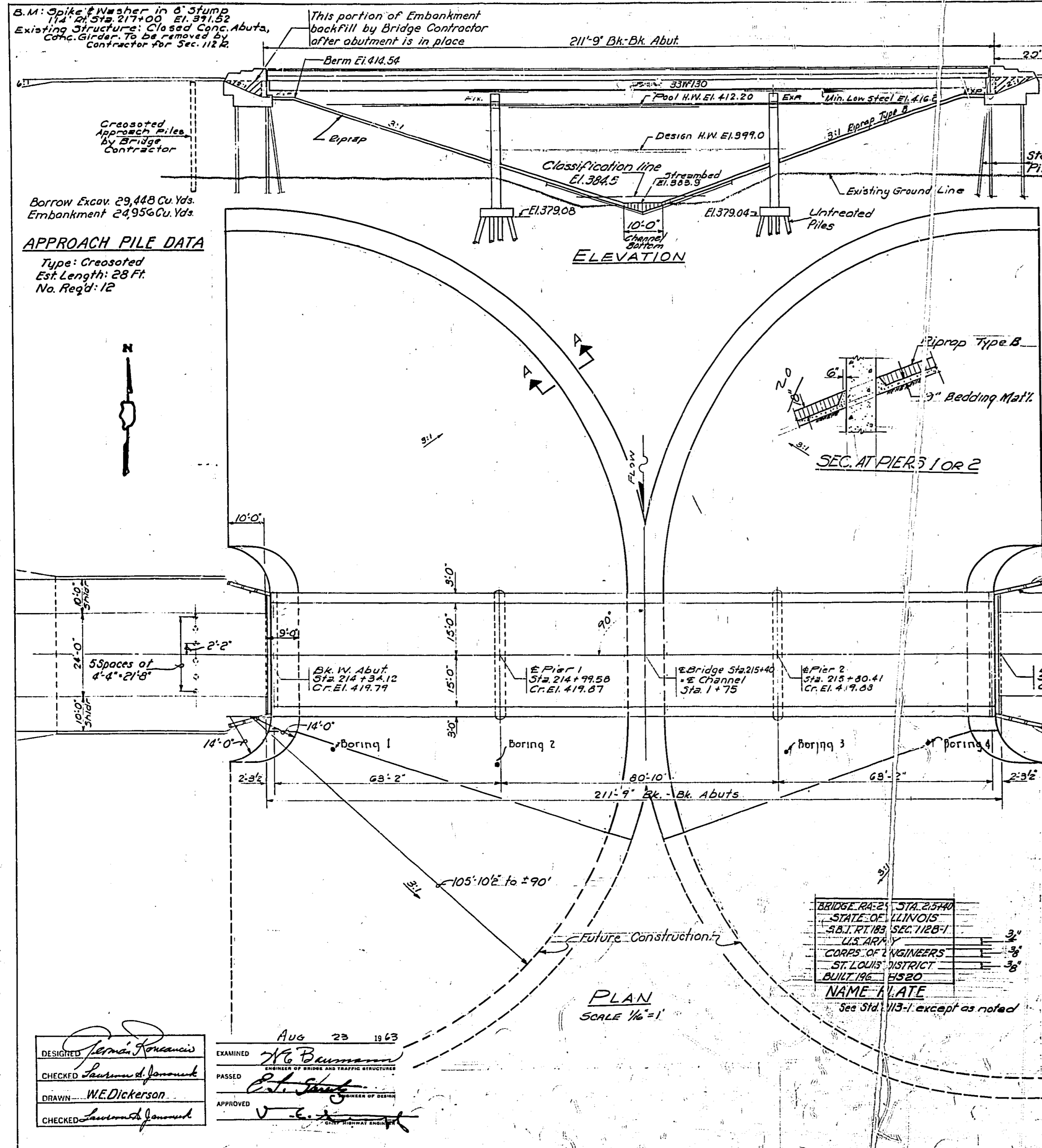
STUD SHEAR CONNECTORS ON THE BEAM FLANGES SHALL BE PLACED IN THE FIELD AFTER THE STEEL HAS BEEN ERECTED AND THE DECK FORMS ARE IN PLACE.

The curb of slab outside of longitudinal bonded construction shown on cross section shall be poured monolithically.

All rockers, bolters, bearing plates lead plates pintles & anchor bolts shall be fabricated & set in accordance with Art 51.15 of the Std. Specs & are included in quantity of Struct. Steel, Est. Mt. 6350 Lbs.

TOTAL BILL OF MATERIAL

Items	Unit	Super	Sub	Total
Borrow Excavation	Cu. Yds.			37,677
Bedding Material	Tons		1247	1247
Class B Excavation for Structure	Cu. Yds.			360
Structural Steel	Lbs.	204,500		204,500
Class X Concrete	Cu. Yds.	231.2	243.5	474.7
Aluminum Handrail	Lin. Ft.	417		417
Reinforcement Bars	Lbs.	32,780	17,040	70,620
Untreated Piles	Each		2475	2475
Test Piles (Timber)	Each		1	1
Untreated Piles	Lin. Ft.			336
Class X Concrete	Cu. Yds.			144.5
Steel Piles (BBP36)	Lin. Ft.			144.5
Test Piles Steel (BBP36)	Each			1
Name Plates	Each			1
Class B Excavation for Structures	Cu. Yds.			2,220
Class A Excavation for Structures	Cu. Yds.			950
Bridge Seal Sealant	L. Run			1



**GENERAL PLAN & ELEVATION
JACKIE BRANCH
S.B.I. RT 183 SEC. 112 B-1
FRANKLIN COUNTY
STATION 215+40**

APPROACH PILE DATA
Type: Crossed
Est. Length: 28 Ft.
No. Req'd: 12

BRIDGE NO. 21 STA. 25+40
STATE OF ILLINOIS
S.B.I. RT 183 SEC. 112 B-1
U.S. ARMY
CORPS OF ENGINEERS
ST. LOUIS DISTRICT
BUILT 1930
NAME PLATE
See Std. 113-1, except as noted

DESIGN STRESSES
F_c = 14,000 psi Super & Sub.
F_s = 20,000 psi Piles
F_s = 20,000 psi Struct.
n = 10
Allowable Defl. 1/100

LOADING HS20

DESIGNED: *James J. Francis*
CHECKED: *Lawrence J. Janssen*
DRAWN: *W.E. Dickerson*
CHECKED: *Lawrence J. Janssen*

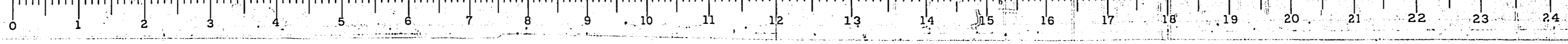
EXAMINED: *H.C. Beumann*
PASSED: *[Signature]*
APPROVED: *[Signature]*

Aug 23 1963

2/10/66 Rev. Quantity of Borrow Excav. Embankment & Slopewalls
Layout of Slopewalls & Streambed Elev. G.R.

Rev. 8/23/66 Slopewall changed to Riprap Type B

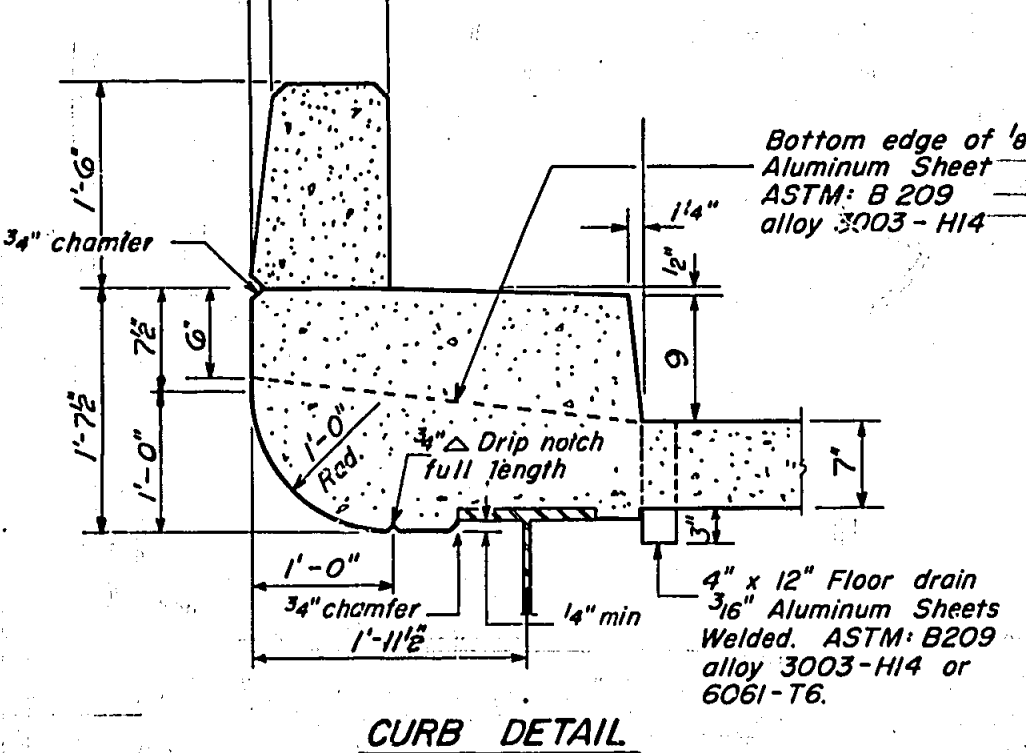
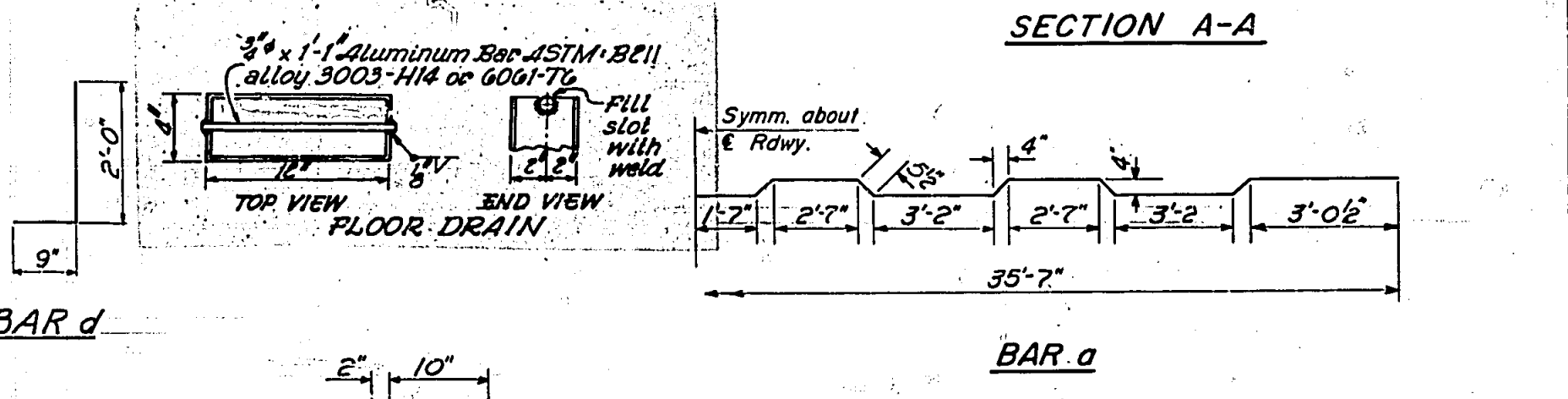
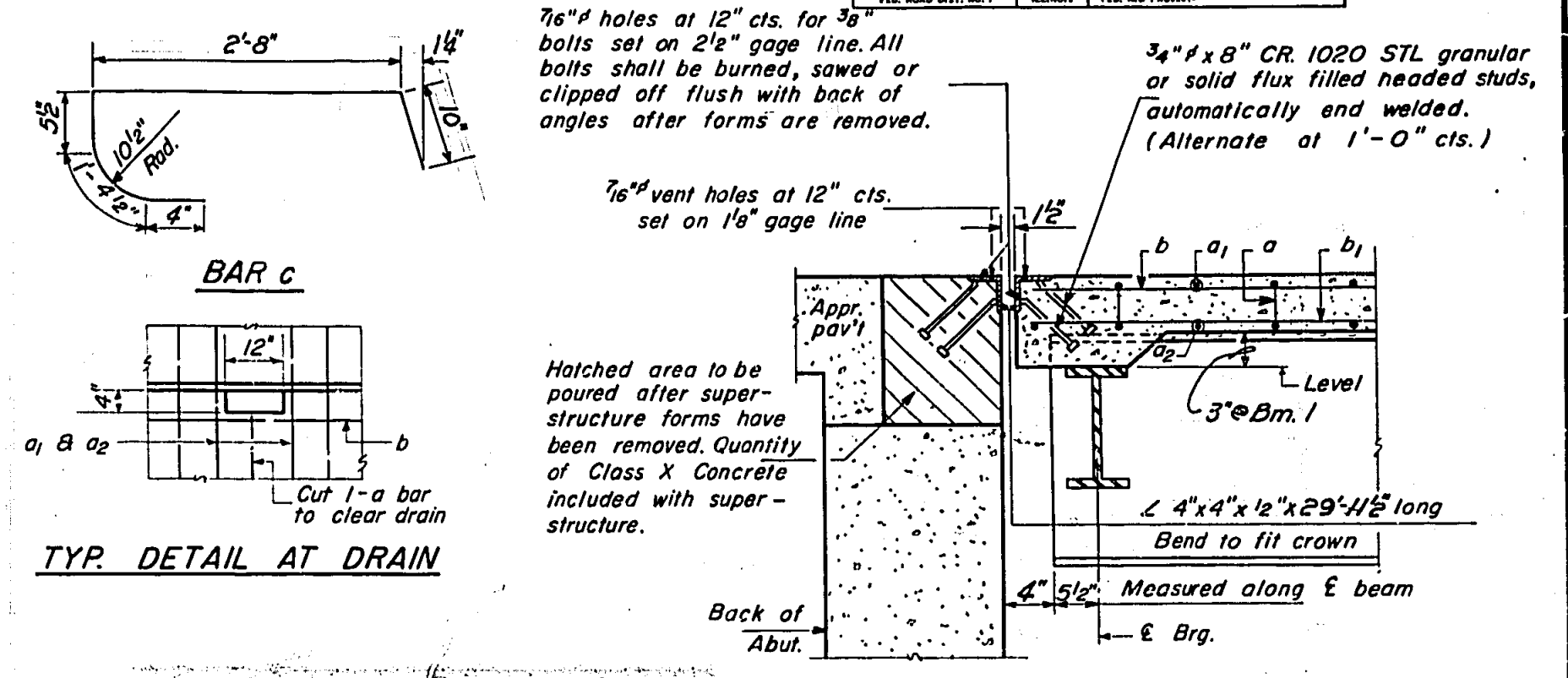
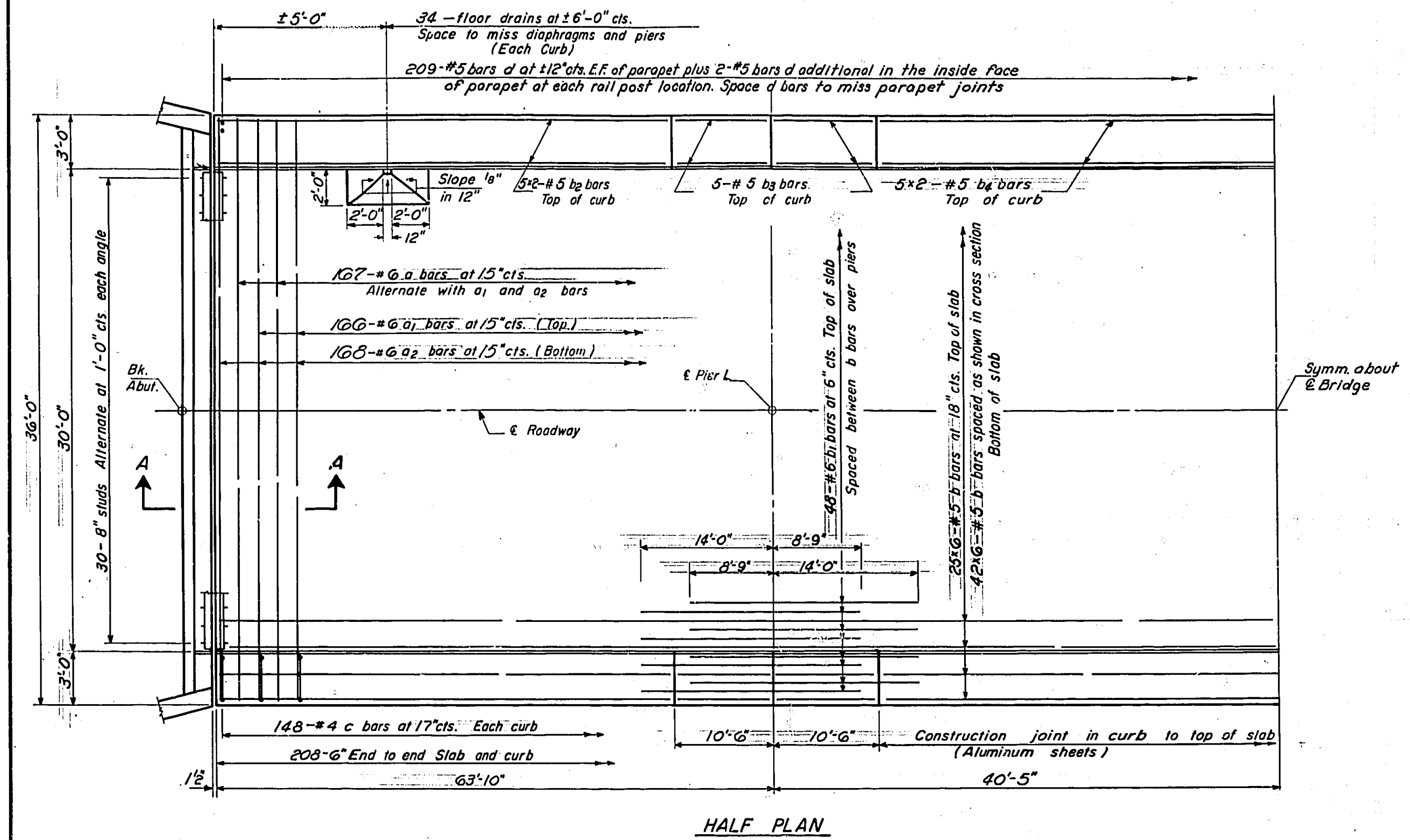
8/14/66 Used Class A Exc.



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2
118	B-1	FRANKLIN	21	7	10 SHEETS

Note:
Bars indicated thus 20x3-#5 etc. indicates
20 lines of bars with 3 lengths per line.
Min bar laps = 20 dia.



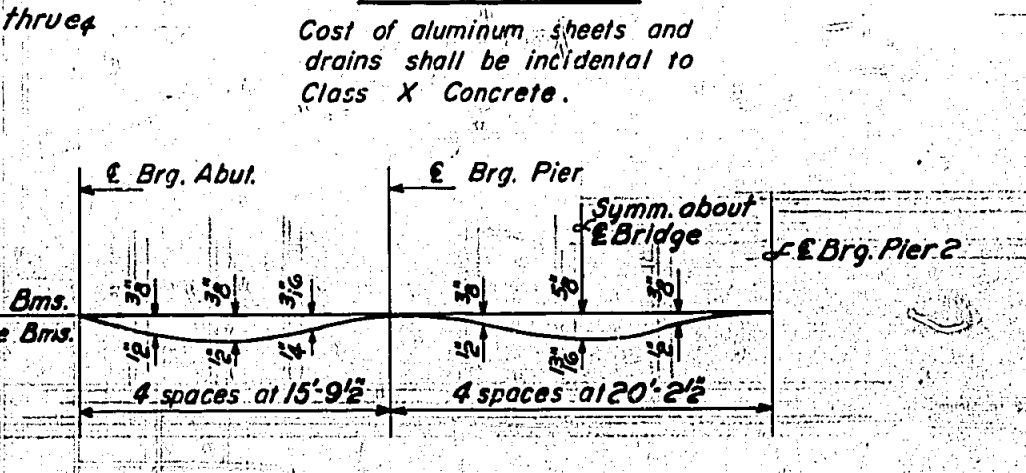
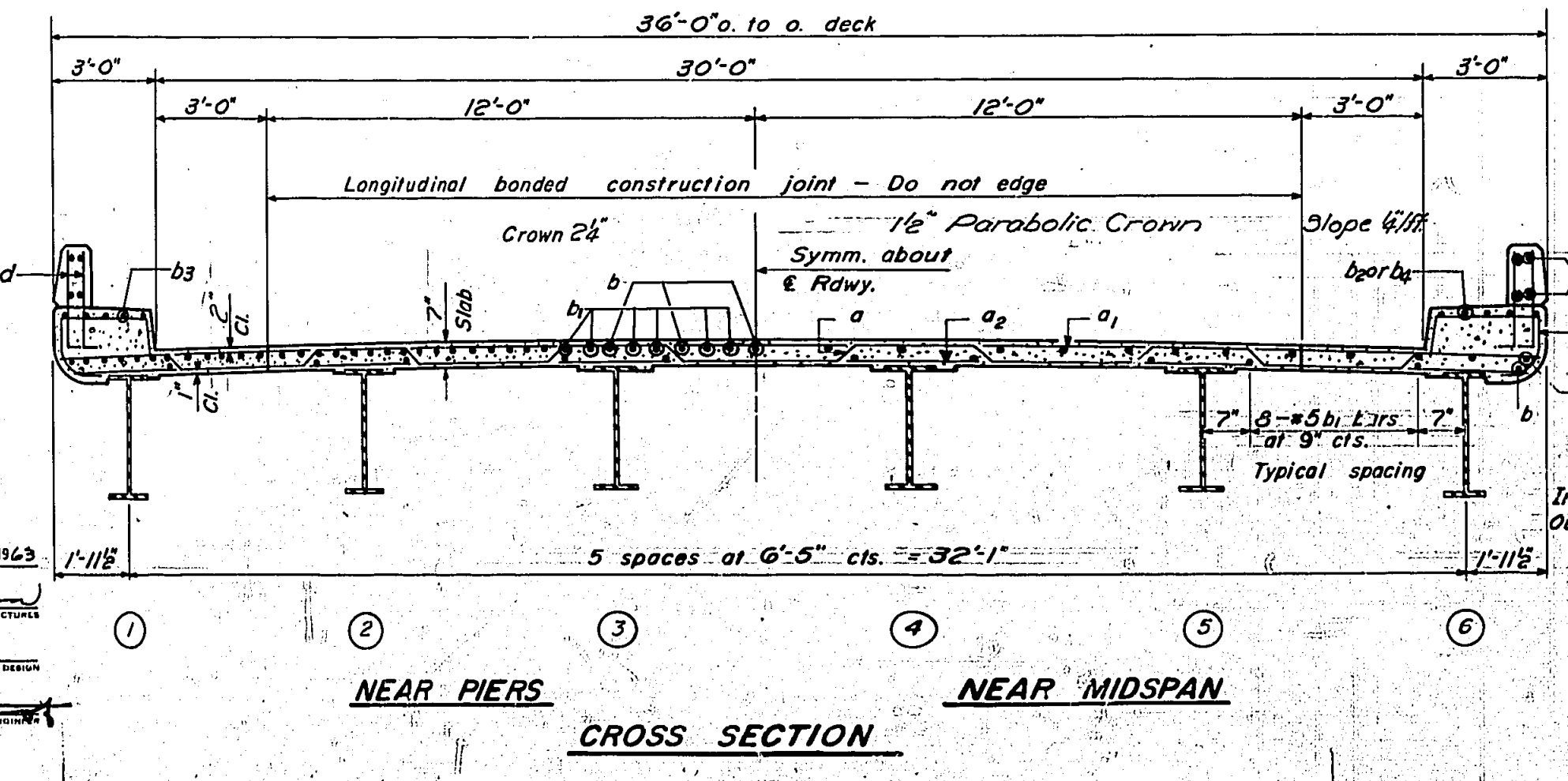
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	167	#6	36'-10"	
a ₁	166	#6	35'-6"	
a ₂	168	#6	35'-0"	
b	402	#5	35'-6"	
b ₁	96	#6	22'-9"	
b ₂	40	#5	27'-0"	
b ₃	40	#5	10'-3"	
b ₄	20	#5	30'-3"	
c	296	#4	5'-8"	
d	936	#3	2'-9"	
e ₁	16	#5	15'-0"	
e ₂	32	#5	18'-9"	
e ₃	32	#5	10'-3"	
e ₄	24	#5	19'-3"	
Reinforcement Bars				Lbs. 52780
Structural Steel				Lbs. 204500
Class X Concrete				Cu Yds. 2312

* Weight of bearing assemblies with lead plates and anchor bolts are included as structural steel.
Est. Weight = 6350/lbs.

STANDARD FILLET DETAIL

To determine "f". After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on sheet 5. These elevations subtracted from the "Grade Elevations Adjusted for Dead Load Deflections" shown on sheet 5, minus slab thickness, equals the fillet heights "f" above top of beams.

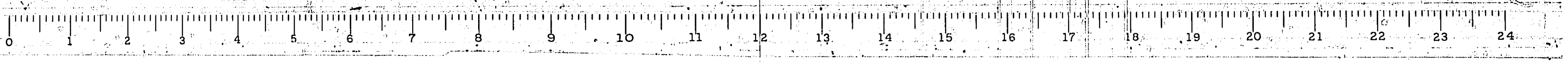


DESIGNED: *Lamar J. Francis*
CHECKED: *W.E. Dickerson*
DRAWN: *D.L. Beemer*
EXAMINED: *W.G. Beermann*
APPROVED: *W.E. Dickerson*

Aug 23 1963

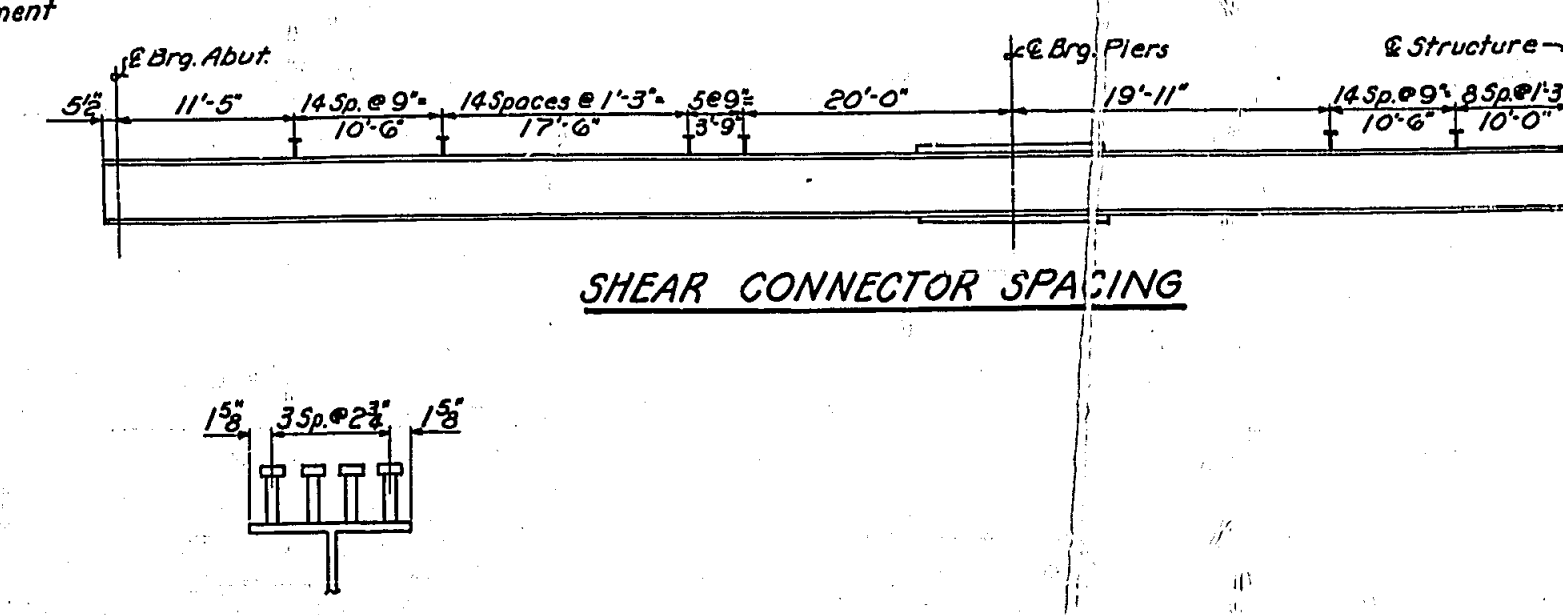
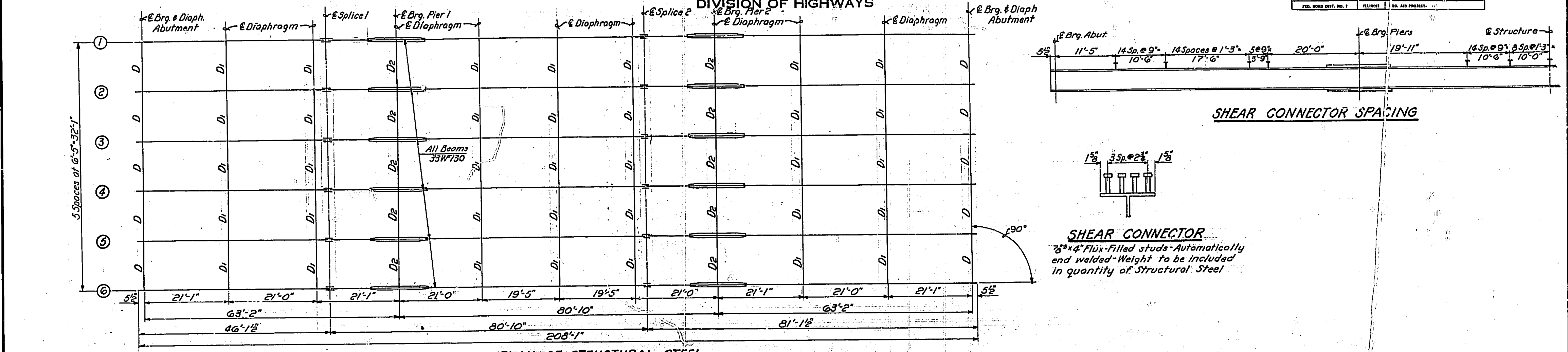
SUPERSTRUCTURE
S.D.T.R. 183 SEC. 112B-1
FRANKLIN COUNTY
STATION 215+40

2/24/66 Revised top slab reinf. clearance from 1 1/2" to 2" d.
Revised a bar reinf. spacing and Reinf. Bars Lbs. from 45650 to 52780. N.L.J.

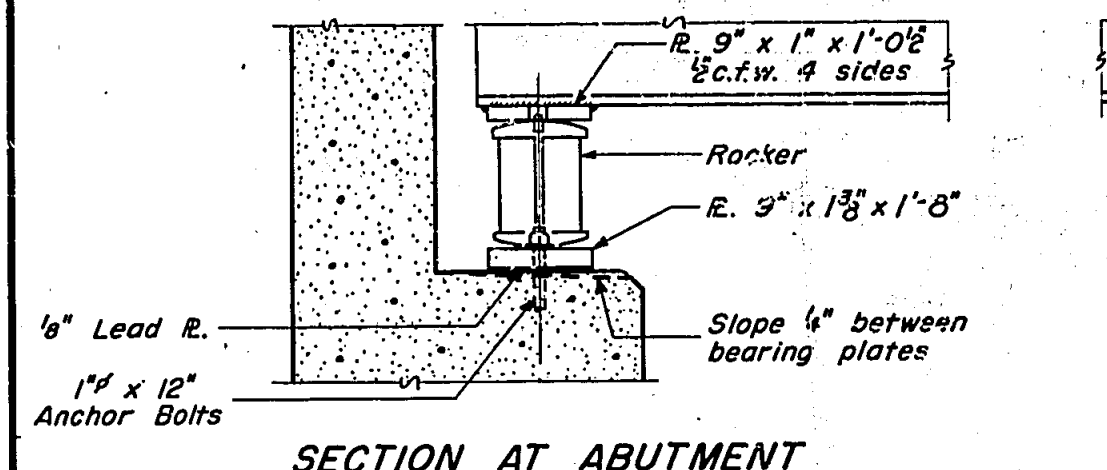


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

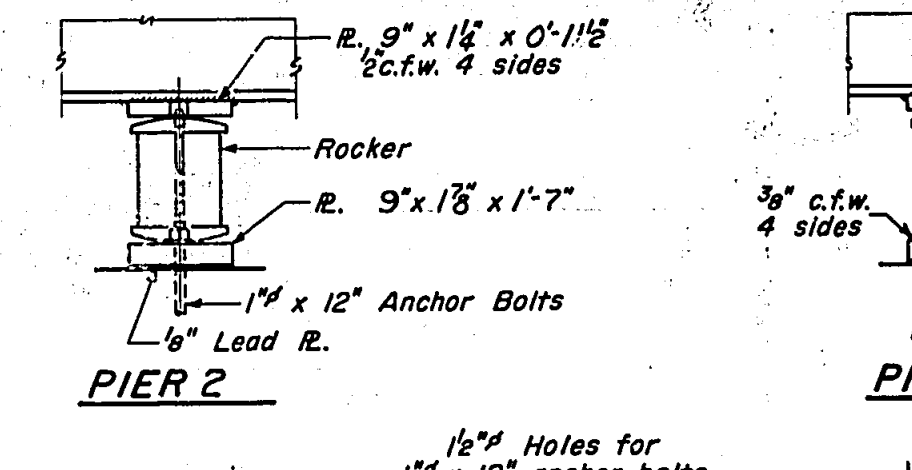
ROUTE NO.	SECTION	CONTRACT	SHEET NO.	SHEET 3 OF 10 SHEETS
A.S. 183	112	FRANKLIN	21	8
F.A.	B-1			



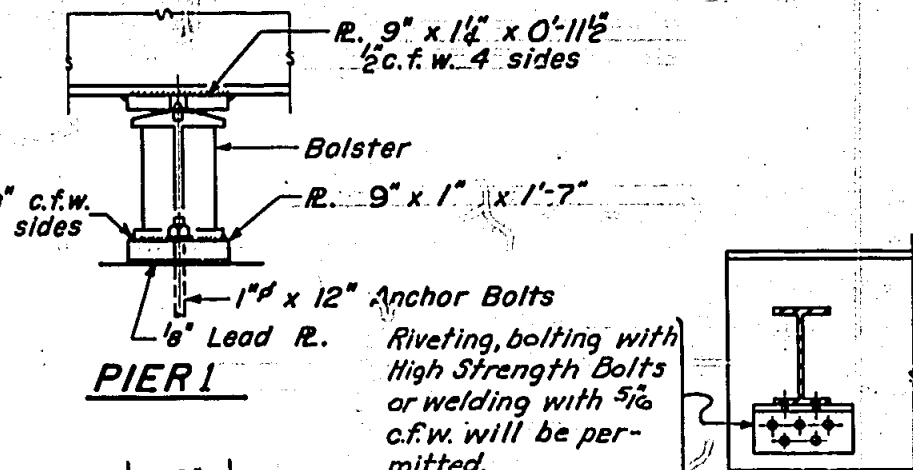
SHEAR CONNECTOR
3/8" x 4" Flux-filled studs. Automatically end welded. Weight to be included in quantity of Structural Steel.



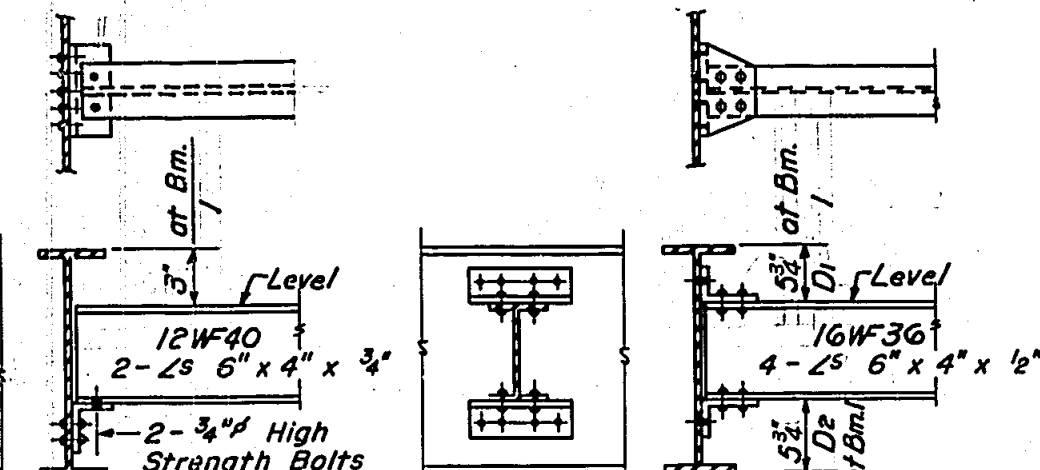
SECTION AT ABUTMENT



PIER 2



PIER 1

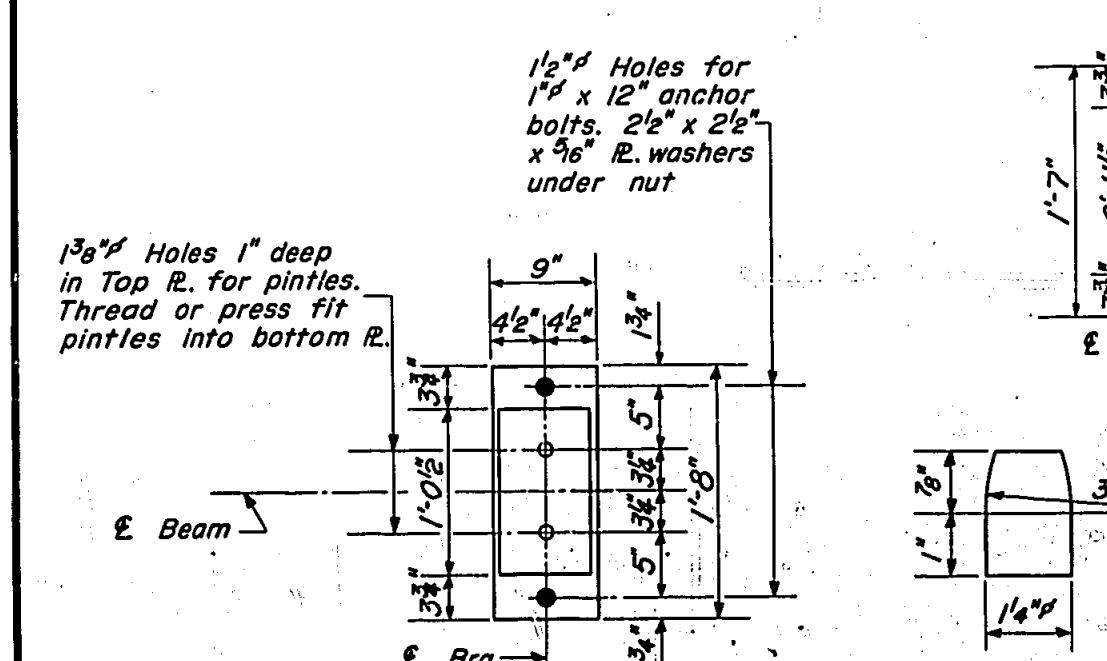


DIAPHRAGM D
10 Required

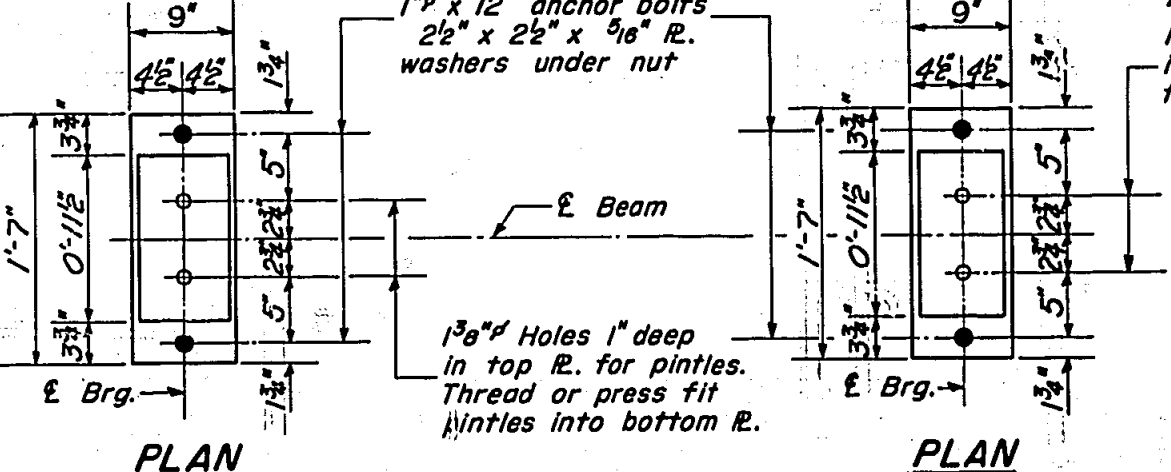
DIAPHRAGM D1 & D2
35 D1 Required
10 D2 Required

ELEVATION TOP OF WF

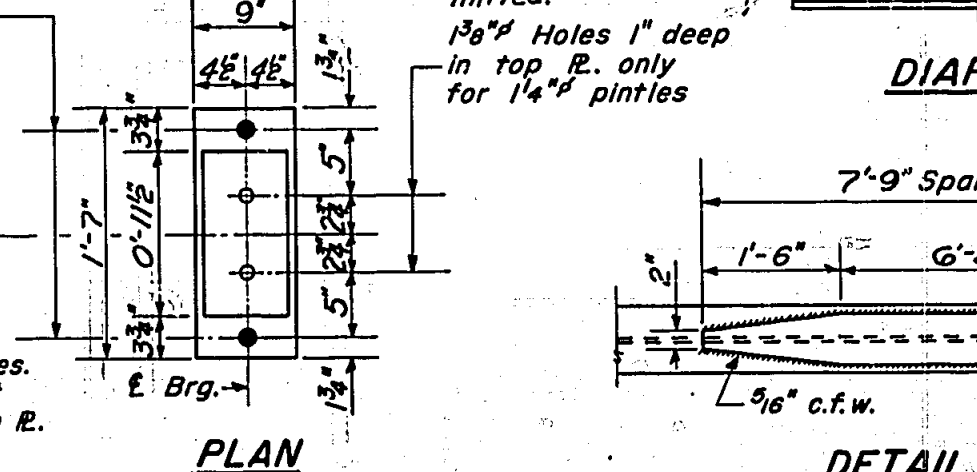
Location	Bm	1 or 6	2 or 5	3 or 4
E Brg. W. Abut.	419.021	419.146	419.219	
E Splice 1	419.021	419.146	419.219	
E Brg. Pier 1	419.028	419.153	419.226	
E Splice 2	419.052	419.177	419.250	
E Brg. Pier 2	419.052	419.177	419.250	
E Brg. E. Abut.	419.052	419.177	419.250	



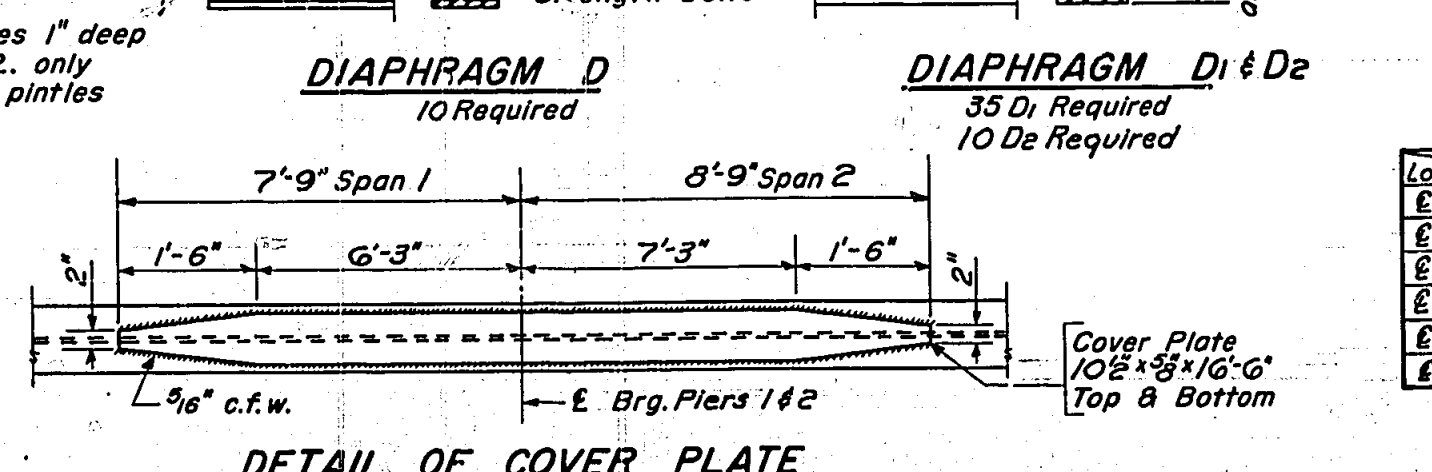
DETAIL OF PINTLE



PLAN

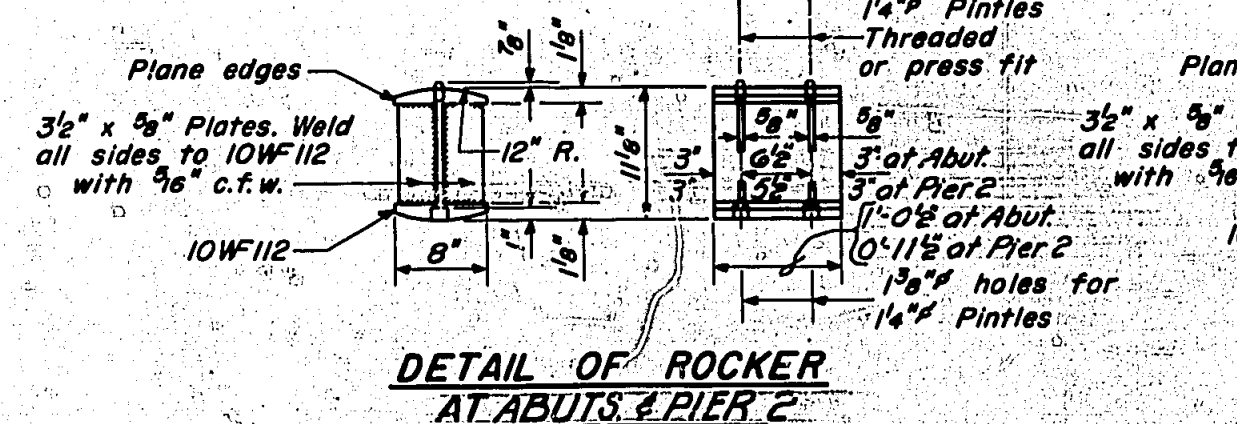


PLAN

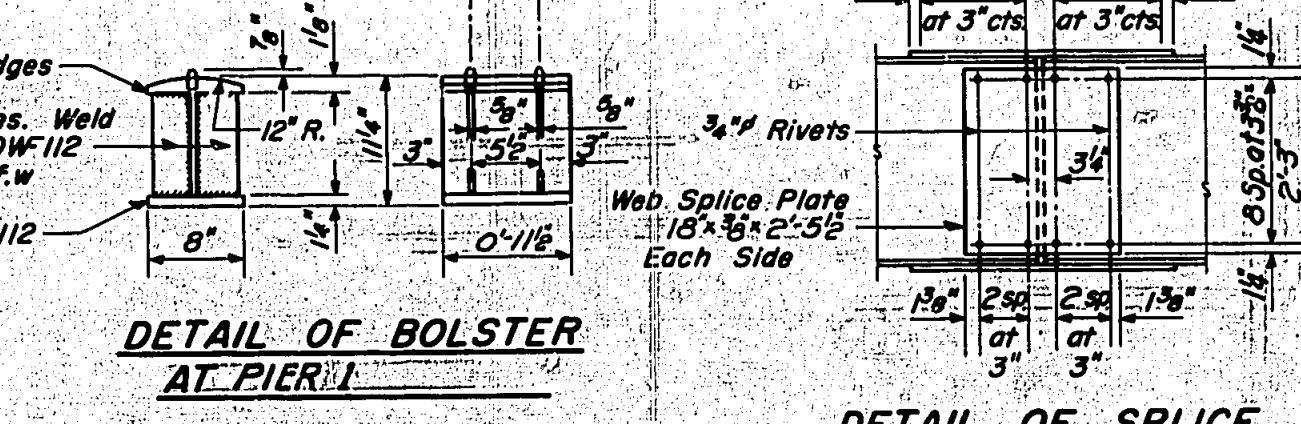


DETAIL OF COVER PLATE

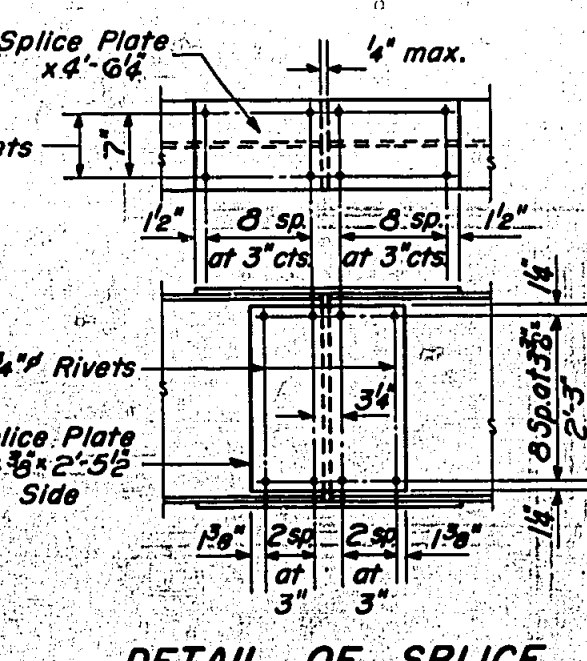
DESIGNED: <i>Norman Reuman</i>	EXAMINED: <i>Aug 23 1962</i>
CHECKED: <i>W.C. Dickerson</i>	PASSED: <i>C.W. Schantz</i>
DRAWN: <i>W.A. Sausaman Jr.</i>	APPROVED: <i>V.E. [Signature]</i>



DETAIL OF ROCKER AT ABUTS & PIER 2

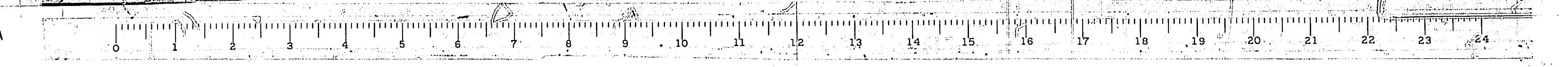


DETAIL OF BOLSTER AT PIER 1



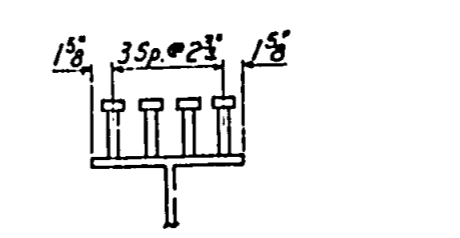
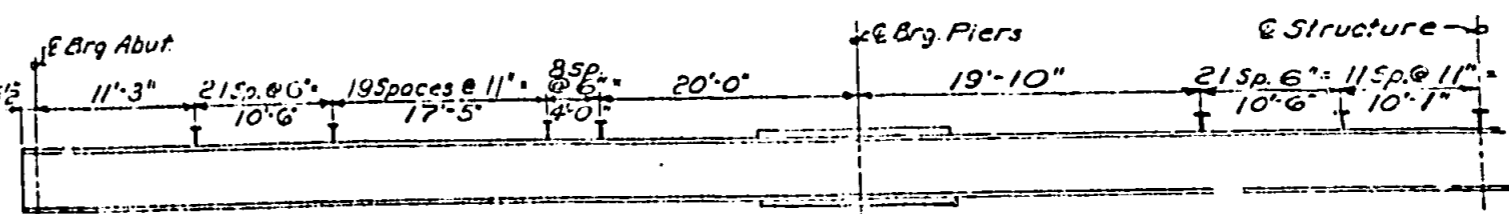
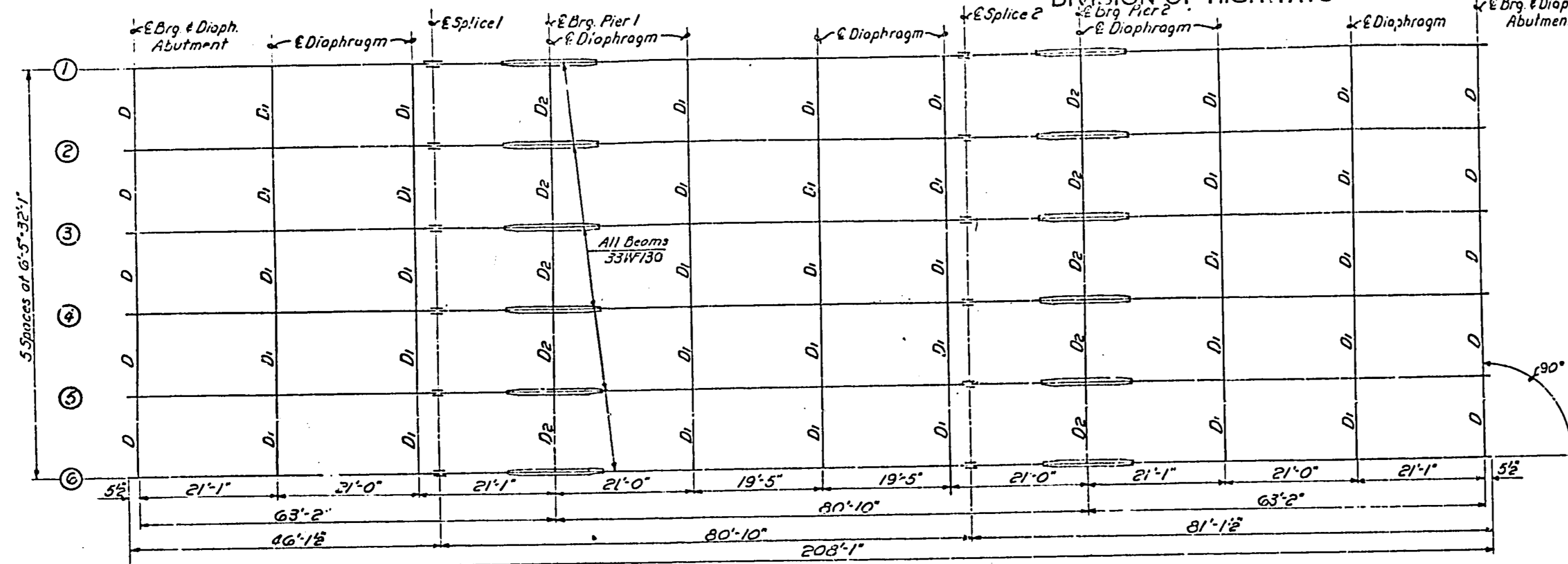
DETAIL OF SPLICE

STRUCTURAL STEEL
S.B.T. RT.183-SEC.712B-1
FRANKLIN COUNTY
STATION 215+40



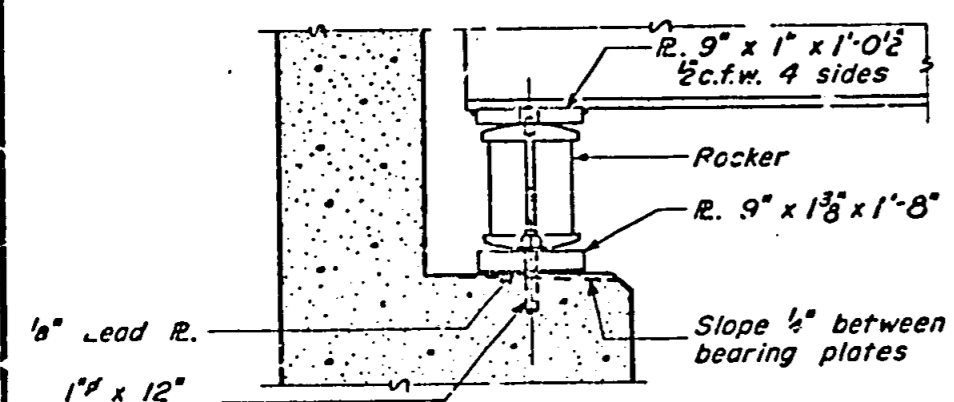
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

PROJECT NO.	113	DATE	FRANKLIN	21	SA	SHEET NO. 3A
DATE	11-3	DATE	FRANKLIN	21	SA	10 SHEETS

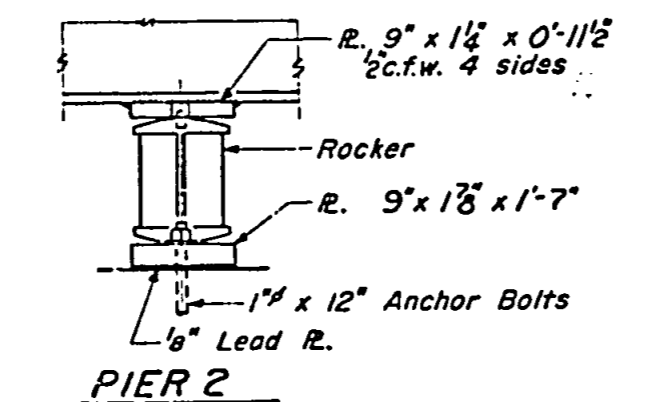


SHEAR CONNECTOR
3/4" Φ Flux-filled studs. Automatically end welded. Weight to be included in quantity of structural steel.

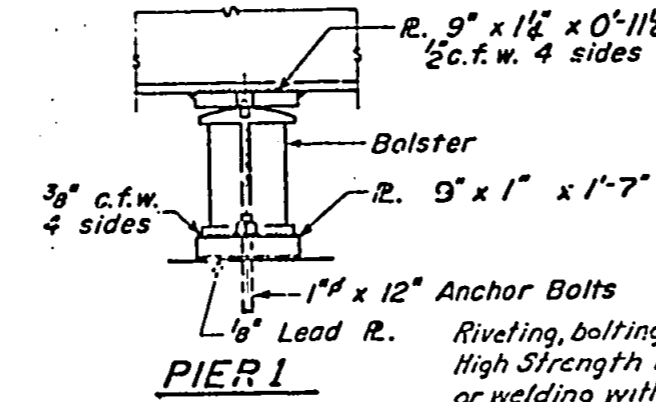
PLAN OF STRUCTURAL STEEL



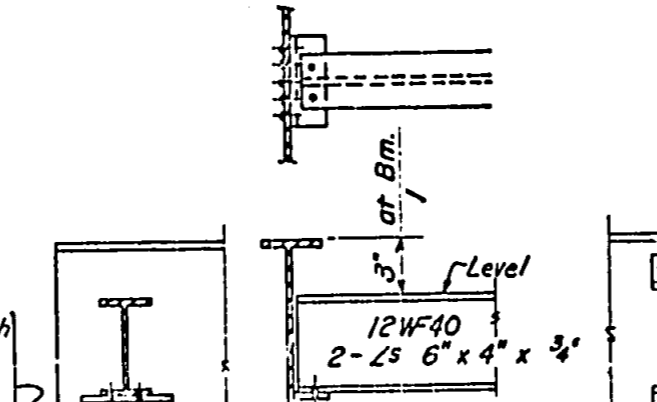
SECTION AT ABUTMENT



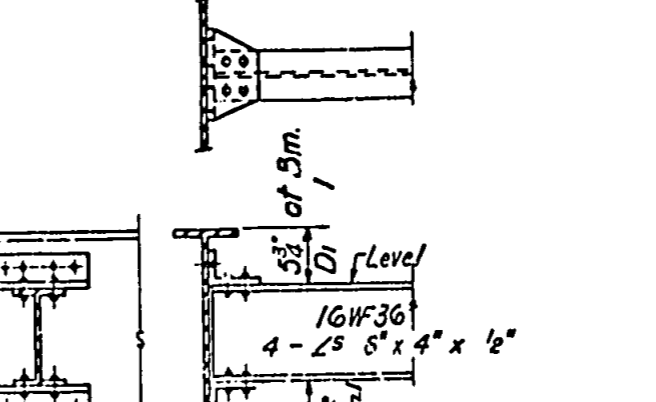
PIER 2



PIER 1



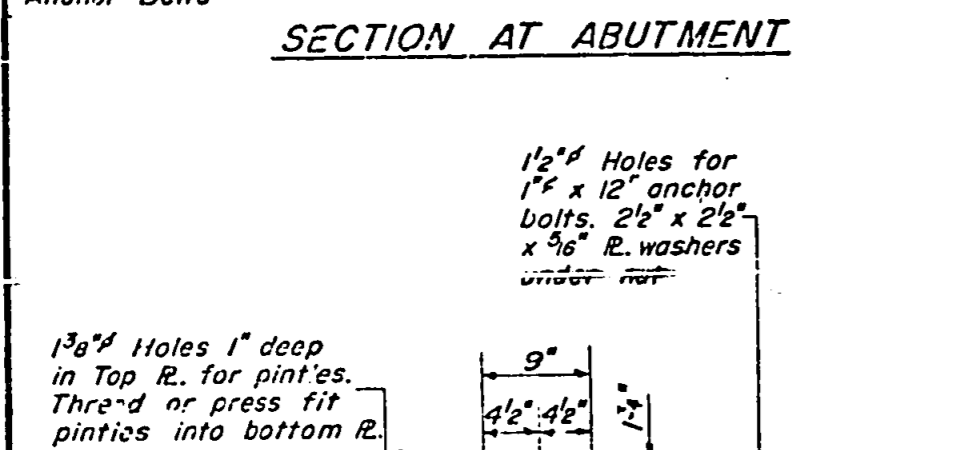
DIAPHRAGM D



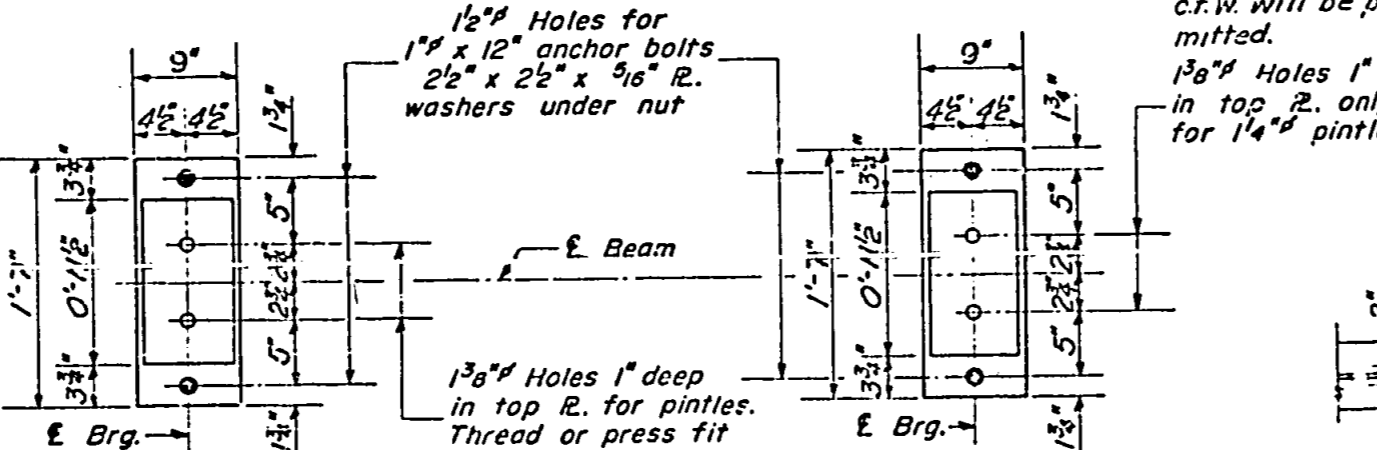
DIAPHRAGM D1 & D2

ELEVATION TOP OF WF

Location	2m	1 or 6	2 or 3	3 or 4
E Brg. Abut.	419.021	419.146	419.271	
E Splice 1	419.021	419.146	419.271	
E Brg. Pier 1	419.023	419.153	419.278	
E Splice 2	419.052	419.177	419.250	
E Brg. Pier 2	419.052	419.177	419.250	
E Brg. E. Abut.	419.052	419.177	419.250	

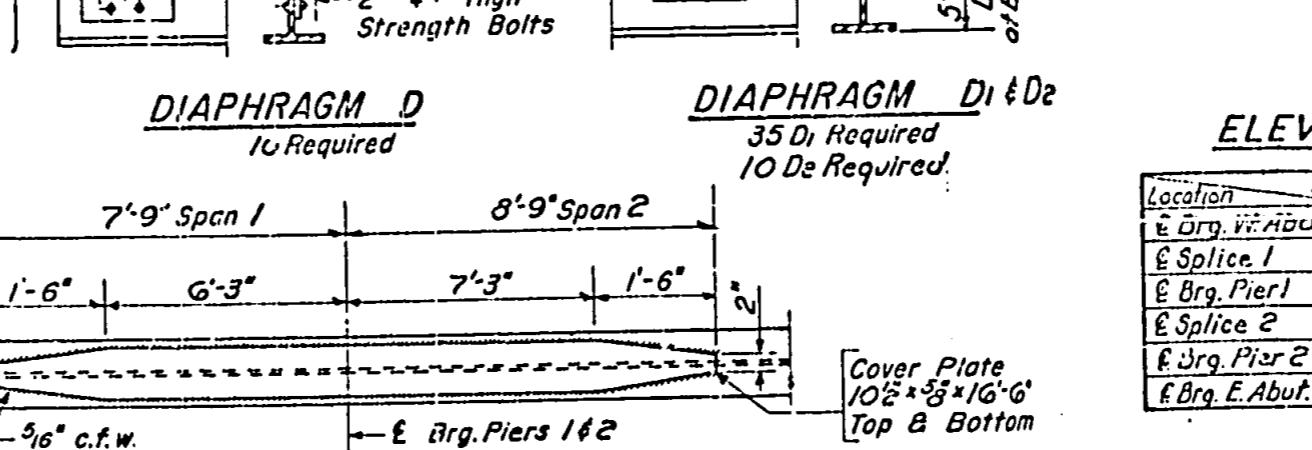


PLAN

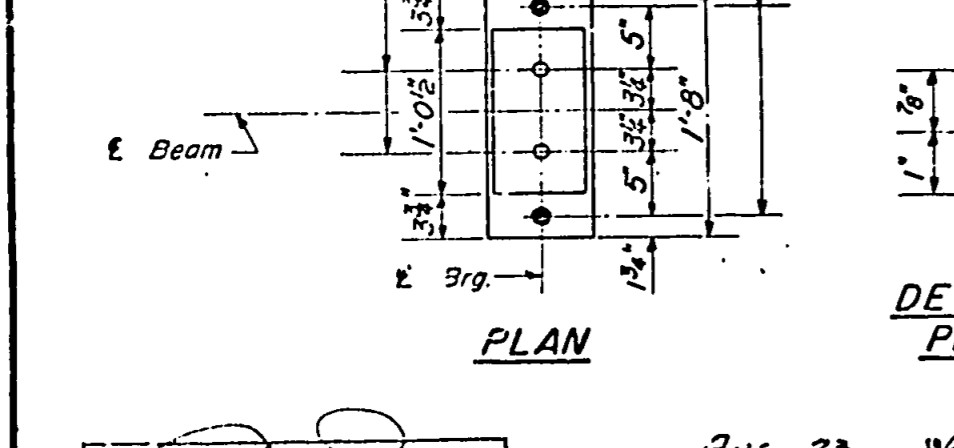


PLAN

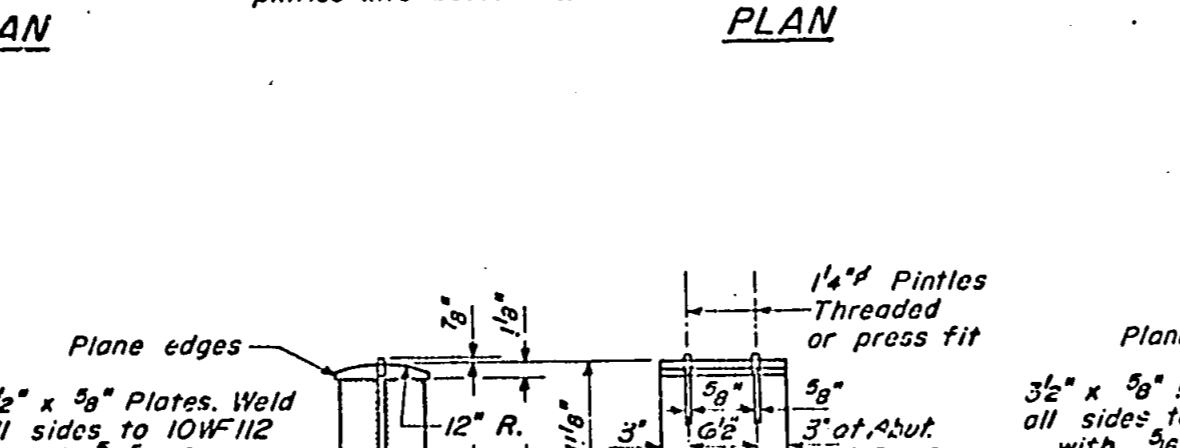
PLAN



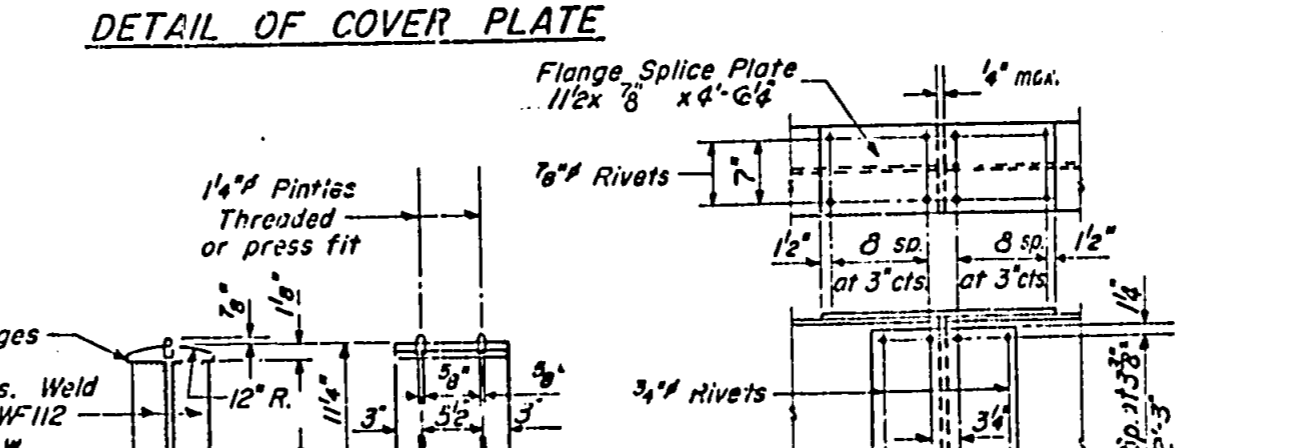
DETAIL OF COVER PLATE



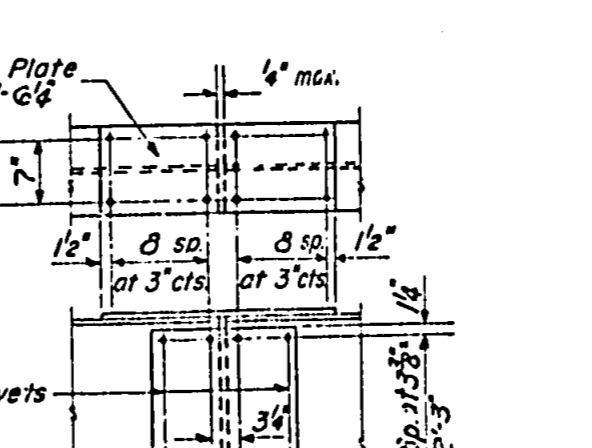
DETAIL OF PINTLE



DETAIL OF ROCKER AT ABUTS & PIER 2



DETAIL OF BOLSTER AT PIER 1



DETAIL OF SPICE

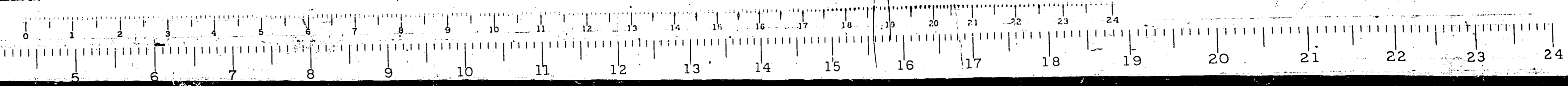
As Built

STRUCTURAL STEEL
S.P. 112-103 SEC. 112-1
FRANKLIN COUNTY
STATION 215+00

DESIGNED: *Norman*
CHECKED: *W. E. Dickerson Jr.*
DRAWN: *W. A. Sausaman Jr.*
EXAMINED: *H. E. Baumann*
PASSED: *W. E. Dickerson Jr.*
APPROVED: *W. E. Dickerson Jr.*

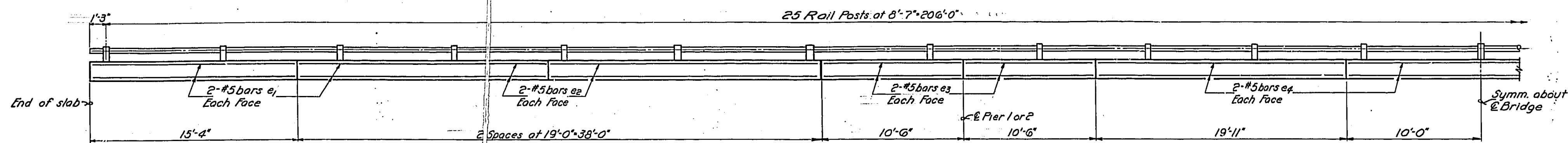
I-2-C 7-2-62 Rev. 11-9-62

Revised 3-1-67 J.R.H. changed shear connectors from 1/2" Φ to 3/4" Φ and spacing of shear connectors along beam.



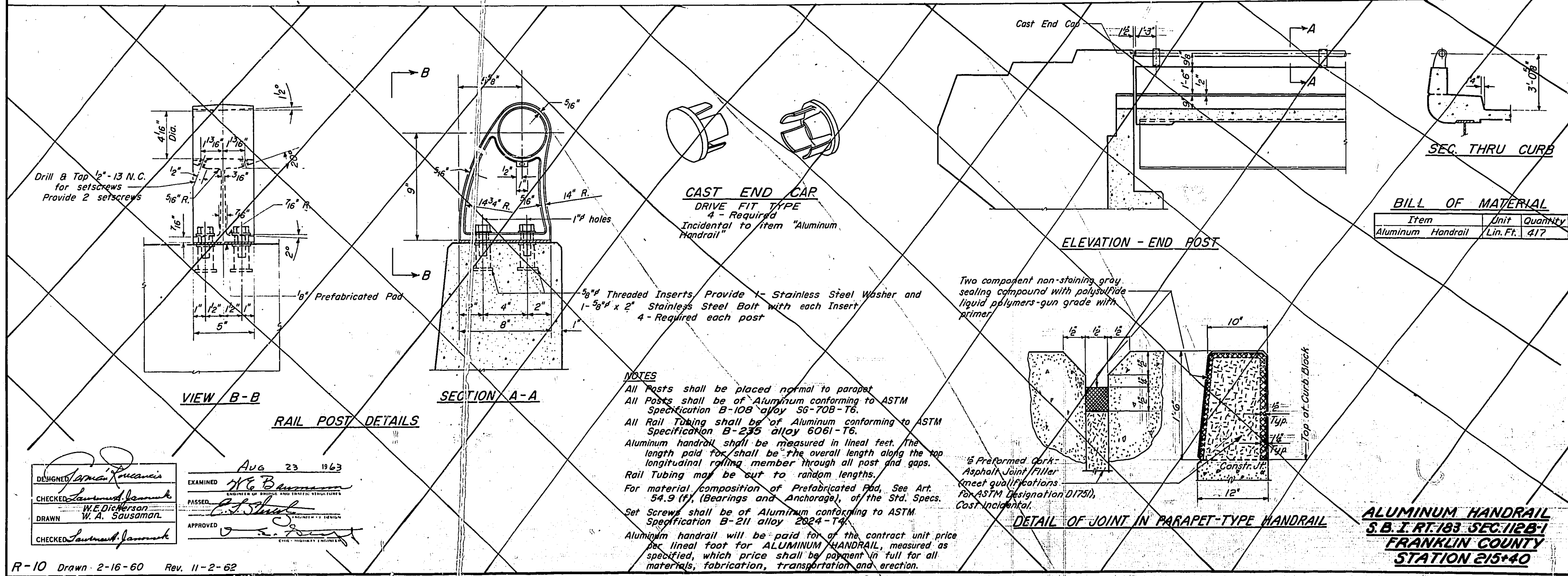
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

PROJECT NO.	112	FRANKLIN	21	9	SHEET NO. 4
DATE	8-1				10 SHEETS
DESIGNED BY					
CHECKED BY					



HALF ELEVATION
Showing rail post spacing
& spacing of parapet joints

For rail post joints and additional details see sheet 4a.

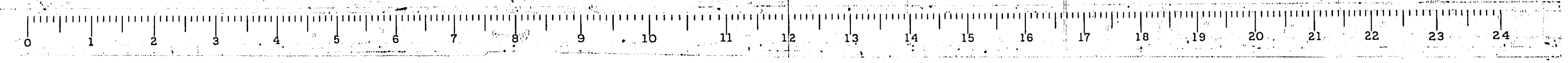


DESIGNED: *W. A. Sausman*
CHECKED: *W. A. Sausman*
DRAWN: *W. A. Sausman*
EXAMINED: *W. A. Sausman*
APPROVED: *W. A. Sausman*
DATE: AUG 23 1963

NOTES
All Posts shall be placed normal to parapet.
All Posts shall be of Aluminum conforming to ASTM Specification B-108 alloy 56-70B-T6.
All Rail Tubing shall be of Aluminum conforming to ASTM Specification B-235 alloy 6061-T6.
Aluminum handrail shall be measured in lineal feet. The length paid for shall be the overall length along the top longitudinal rolling member through all post and gaps. Rail Tubing may be cut to random lengths.
For material composition of Prefabricated Pad, See Art. 54.9 (f), (Bearings and Anchorage), of the Std. Specs.
Set Screws shall be of Aluminum conforming to ASTM Specification B-211 alloy 2024-T4.
Aluminum handrail will be paid for at the contract unit price per lineal foot for ALUMINUM HANDRAIL, measured as specified, which price shall be payment in full for all materials, fabrication, transportation and erection.

ALUMINUM HANDRAIL
S.B. I. RT. 183 SEC. 112B-1
FRANKLIN COUNTY
STATION 215+40

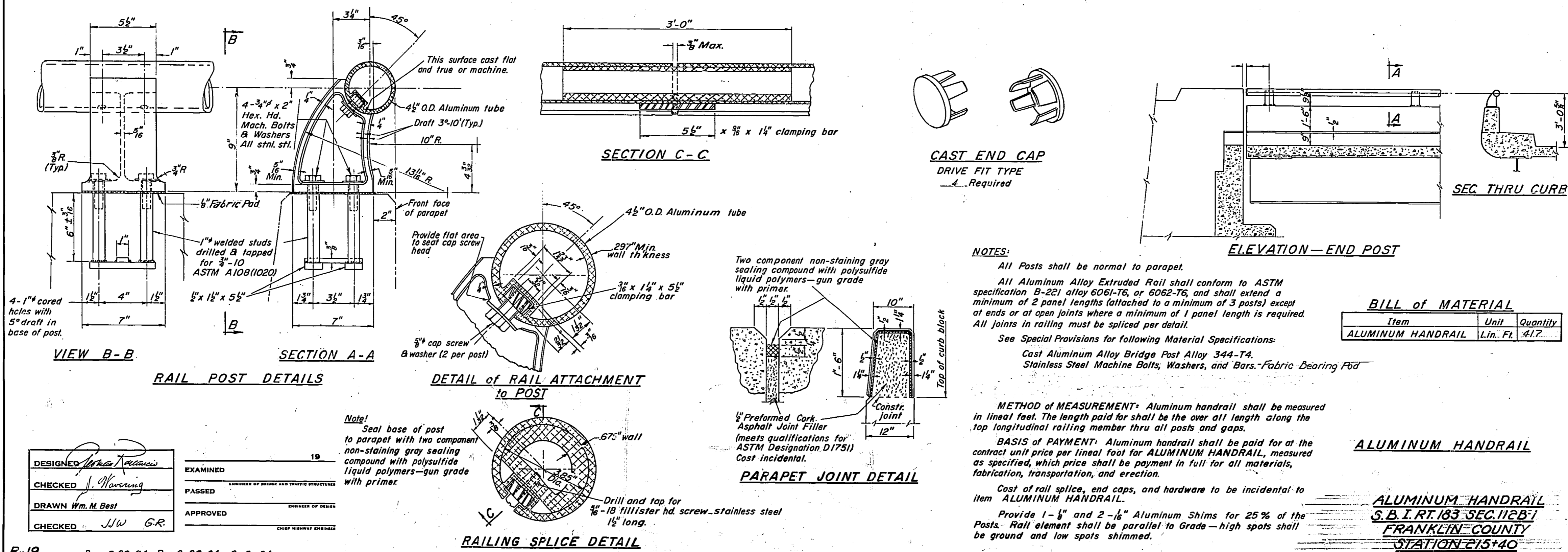
R-10 Drawn 2-16-60 Rev. 11-2-62
Rev. 2-10-66 - New Rail Post Details G.R.



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
S. B. I. RT. 103	113	FRANKLIN	21	92	10 SHEETS
S. B. I. RT. 103	B-1				
DESIGNED BY	DRAWN BY	CHECKED BY	DATE		

For rail post & joint spacing see Half Elevation on sheet 4



BILL of MATERIAL

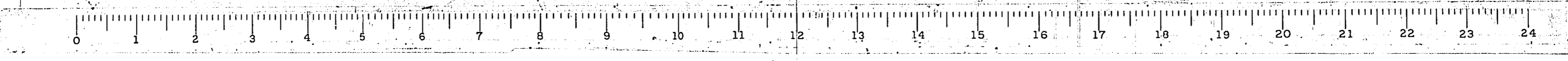
Item	Unit	Quantity
ALUMINUM HANDRAIL	Lin. Ft.	417

ALUMINUM HANDRAIL

ALUMINUM HANDRAIL
S. B. I. RT. 103 SEC. 112B1
FRANKLIN COUNTY
STATION 215+40

DESIGNED <i>John J. ...</i>	EXAMINED _____
CHECKED <i>J. ...</i>	PASSED _____
DRAWN <i>Wm. M. Best</i>	APPROVED _____
CHECKED <i>JW GR</i>	_____

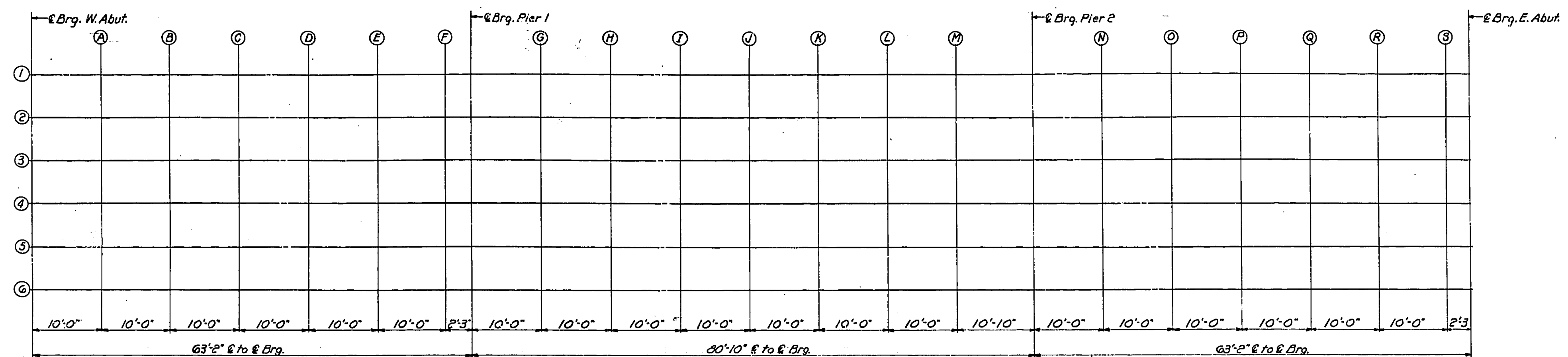
R-19 Dwn 6-26-64 Rev 8-26-64 9-2-64
Rex 2-10-66 New Sheet G.R.



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
112	B-1	FRANKLIN	21	10

SHEET NO. 5
JOB SHEETS



EXTERIOR BEAMS

Beam	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	21434.120	16.041	419.580	419.580
	21434.120	16.041	419.580	419.580
E Brg. W. Abut.	21436.412	16.041	419.584	419.584
	21436.412	16.041	419.584	419.584
	21446.412	16.041	419.600	419.627
	21446.412	16.041	419.600	419.627
	21456.412	16.041	419.615	419.657
	21456.412	16.041	419.615	419.657
	21466.412	16.041	419.628	419.670
	21466.412	16.041	419.628	419.670
	21476.412	16.041	419.640	419.671
	21476.412	16.041	419.640	419.671
	21486.412	16.041	419.650	419.668
	21486.412	16.041	419.650	419.668
	21496.412	16.041	419.659	419.663
	21496.412	16.041	419.659	419.663
E Brg. Pier 1	21499.578	16.041	419.662	419.662
	21499.578	16.041	419.662	419.662
	21509.578	16.041	419.669	419.689
	21509.578	16.041	419.669	419.689
	21519.578	16.041	419.674	419.715
	21519.578	16.041	419.674	419.715
	21529.578	16.041	419.678	419.732
	21529.578	16.041	419.678	419.732
	21539.578	16.041	419.680	419.747
	21539.578	16.041	419.680	419.747

INTERIOR BEAMS

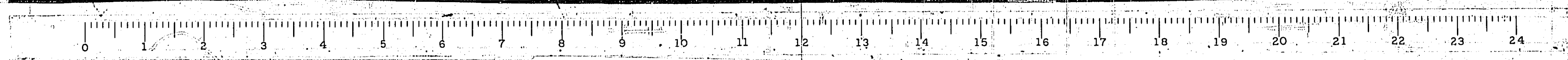
Beam	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	21434.120	0.625	419.703	419.736
	21434.120	3.208	419.780	419.736
	21434.120	5.791	419.789	419.736
	21434.120	8.374	419.780	419.736
	21434.120	10.957	419.709	419.736
E Brg. W. Abut.	21436.412	9.625	419.713	419.713
	21436.412	3.208	419.784	419.713
	21436.412	0.000	419.793	419.713
	21436.412	3.208	419.784	419.713
	21436.412	9.625	419.713	419.713
E Brg. Pier 2	21500.412	16.041	419.674	419.674
	21500.412	16.041	419.674	419.674
	21590.412	16.041	419.669	419.682
	21590.412	16.041	419.669	419.682
	21600.412	16.041	419.662	419.688
	21600.412	16.041	419.662	419.688
	21610.412	16.041	419.653	419.693
	21610.412	16.041	419.653	419.693
	21620.412	16.041	419.644	419.685
	21620.412	16.041	419.644	419.685
	21630.412	16.041	419.632	419.667
	21630.412	16.041	419.632	419.667
	21640.412	16.041	419.619	419.658
	21640.412	16.041	419.619	419.658
E Brg. E. Abut.	21643.578	16.041	419.615	419.615
	21643.578	16.041	419.615	419.615
Bk. E. Abut.	21645.870	16.041	419.612	419.612
	21645.870	16.041	419.612	419.612
	21496.412	9.625	419.788	419.791
	21496.412	3.208	419.860	419.863
	21496.412	0.000	419.869	419.872
	21496.412	3.208	419.860	419.863
	21496.412	9.625	419.788	419.791
E Brg. Pier 1	21499.578	9.625	419.791	419.791
	21499.578	3.208	419.862	419.862
	21499.578	0.000	419.871	419.871
	21499.578	3.208	419.862	419.862
	21499.578	9.625	419.791	419.791
	21509.578	9.625	419.797	419.813
	21509.578	3.208	419.859	419.884
	21509.578	0.000	419.878	419.883
	21509.578	3.208	419.859	419.884
	21509.578	9.625	419.797	419.813
	21510.412	9.625	419.803	419.803
	21510.412	3.208	419.874	419.874
	21510.412	0.000	419.883	419.883
	21510.412	3.208	419.874	419.874
	21510.412	9.625	419.803	419.803
	21590.412	9.625	419.797	419.807
	21590.412	3.208	419.869	419.879
	21590.412	0.000	419.878	419.888
	21590.412	3.208	419.869	419.879
	21590.412	9.625	419.797	419.807
	21600.412	9.625	419.791	419.810
	21600.412	3.208	419.862	419.882
	21600.412	0.000	419.871	419.881
	21600.412	3.208	419.862	419.882
	21600.412	9.625	419.791	419.810
	21610.412	9.625	419.782	419.812
	21610.412	3.208	419.854	419.883
	21610.412	0.000	419.863	419.892
	21610.412	3.208	419.854	419.883
	21610.412	9.625	419.782	419.812

DESIGNED *[Signature]*
CHECKED *[Signature]*
DRAWN *[Signature]*
CHECKED *[Signature]*

EXAMINED *[Signature]*
PASSED *[Signature]*
APPROVED *[Signature]*

AUG 23 1963

ELEVATIONS
S.B.I. RT. 183 SEC. 128-1
FRANKLIN COUNTY
STATION 215+40



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

PROJECT NO.	SECTION	COUNTY	TOWNSHIP	RANGE	SHEET NO.
1183	712	FRANKLIN	21	11	10 SHEETS
DATE		PROJECT			
1963		ILLINOIS			

Boring No.	Station	Offset	Elevation	N	Q _u /L	w (%)
1	215+40.5	26 Ft. N.	320.9 0			
			Ground Surface			
			Very stiff moist gray mottled brown, silty clay with slight plasticity. Sample No. 1-1			
			Very stiff moist gray mottled brown, silty clay with slight plasticity. Sample No. 1-2			
			Very stiff moist gray mottled brown, silty clay with slight plasticity. Sample No. 1-3			
			Stiff very moist gray mottled brown, silty clay with slight plasticity. Sample No. 1-4			
			Stiff moist tan, silty clay with slight plasticity. Sample No. 1-5			
			Medium very moist tan, silty clay with low plasticity. Sample No. 1-6			
			Medium wet brown, silty clay with low plasticity. Sample No. 1-7			
			Medium very moist gray, silty clay of medium plasticity. Sample No. 1-8			
			Medium very moist brown, silty clay of medium plasticity. Sample No. 1-9			
			Soft wet brown, silty clay of medium plasticity. Sample No. 1-10			
			Medium wet brown, silty clay to clayey fine sand, slight plasticity. Sample No. 1-11			
			Stiff very moist brown, silty clay of medium plasticity. Sample No. 1-12			
			Stiff very moist gray, silty clay of medium plasticity containing gravel. Sample No. 1-13			
			Soft wet gray, silty clay of medium plasticity containing gravel. Sample No. 1-14			
			Very soft wet gray, silty clay of medium plasticity containing gravel. Sample No. 1-15			
			No Recovery			

Boring No.	Station	Offset	Elevation	N	Q _u /L	w (%)
1	215+40.5	26 Ft. N.	320.9 0			
			Very soft wet gray, silty clay of medium plasticity containing gravel. Sample No. 1-16			
			Medium wet gray, silty clay of medium plasticity containing gravel. Sample No. 1-17			
			Medium wet gray, silty clay of medium plasticity containing gravel. Sample No. 1-18			
			Medium wet gray, silty clay of medium plasticity containing gravel. Sample No. 1-19			
			Stiff very moist gray, silty clay of medium plasticity containing gravel. Sample No. 1-20			
			Soft wet gray, silty clay of medium plasticity containing gravel. Sample No. 1-21			
			Loose wet gray, silty sand. Sample No. 1-22			
			Sample No. 1-23			
			Dense wet gray silty sand			
			Soft to medium gray fine grained sandstone with very thin shale seams			
			Bottom of Hole = 69.0 ft.			
			Washing procedure used in drilling below 41.0 feet			
			During drilling operations, it appeared that free water was encountered at 7.0 feet			
			Location: Near the SW. Cor. of the SE 1/4, SE 1/4, NW 1/4, Sec. 15, T 45; R 2 E; 3rd P.M.			

Boring No.	Station	Offset	Elevation	N	Q _u /L	w (%)
2	215+40	31 Ft. N.	322.0 0			
			Ground Surface			
			Stiff moist gray mottled brown, silty clay with slight plasticity			
			Very stiff moist gray mottled brown, silty clay with slight plasticity			
			Stiff moist gray, silty clay with slight plasticity			
			Medium moist to very moist gray mottled brown, silty clay with slight plasticity			
			Medium moist to very moist gray mottled brown, silty clay with slight plasticity			
			Medium wet brown mottled gray and black, silty clay of medium plasticity			
			Soft wet gray mottled brown, silty clay			
			Medium wet brown mottled gray and black, silty clay of medium plasticity			
			See previous column			
			Medium very moist tan, silty clay of medium plasticity			
			Stiff very moist brown mottled black, silty clay of medium plasticity			
			Medium very moist brown mottled black, silty clay of low plasticity			
			Medium very moist brown mottled black, silty clay to clayey sand with slight plasticity			
			Medium wet gray, silty sand			
			Stiff moist gray, lean clay to sandy clay with medium plasticity and some gravel			
			Medium to stiff very moist gray, lean clay to sandy clay with low plasticity and some gravel			

Boring No.	Station	Offset	Elevation	N	Q _u /L	w (%)
2	215+40	31 Ft. N.	322.0 0			
			See previous sheet			
			Medium to stiff very moist gray, lean clay to sandy clay with low plasticity and some gravel			
			Very stiff moist gray, lean clay to sandy clay with low plasticity			
			Very stiff moist gray, lean clay to sandy clay with medium plasticity			
			Hard moist gray, silty clay to clayey fine sand with slight plasticity			
			Medium wet gray, silty sand with organic matter			
			Dense wet gray, silty sand			
			Hard very moist, silty, sandy clay to clayey fine sand with gravel, slight plasticity			
			Soft to medium gray sandstone			
			Bottom of Hole = 64.7 feet 327.3			

Washing procedure used in drilling below 56.0 ft.
During drilling operations, it appeared that free water was encountered at 12.0 feet

DESIGNED *[Signature]*
CHECKED *[Signature]*
DRAWN *[Signature]*
CHECKED *[Signature]*

EXAMINED *[Signature]*
PASSED *[Signature]*
APPROVED *[Signature]*

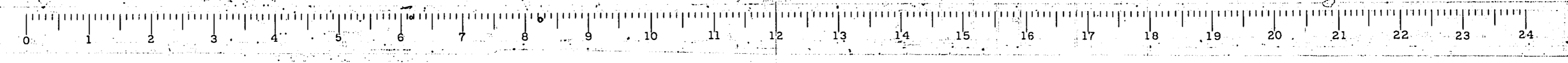
N - Standard Penetration Test - Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30".

Q_u - Unconfined Compressive Strength - 1/4"

w - Water Content - percentage of oven dry weight - %

Type Failure:
B - Bulge Failure
S - Shear Failure
E - Estimated Value
P - Piezometer Value

BORING
S.B.I.R. 193 SEC. 12 B-1
FRANKLIN COUNTY
STATION 215+40



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
183	172	FRANKLIN	21	12
SHEET NO. 7 10 SHEETS				

Boring No.	Station	Offset	Elevation	N	Q _u /L	w (%)
3	214-43	27 Ft. Rts.				
			393.0			
			392.0	10	3.2P	18
			389.5	17	2.5P	10
			387.0	5	0.73	29
			384.5	4	0.68	26
			382.0	11	0.68	26
			379.5	8	0.68	26
			377.0	1	0.68	26
			374.5	6	0.68	26
			372.0	8	1.4B	23
			369.5	10	1.4B	23
			367.0	9	1.3B	21
			364.5	6	1.3B	22
			362.0	6	1.0B	19

Boring No.	Station	Offset	Elevation	N	Q _u /L	w (%)
4	214-26	22 Ft. Rts.				
			392.8	12	1.2B	17
			389.8	15	1.6B	16
			387.3	14	1.2B	16
			384.8	13	1.4B	12
			382.3	8	0.6B	16
			380.3	28	2.4B	14
			377.8	37		10
			375.3	34		12
			372.8	43		16
			370.3	100	Blows	
			367.8	106	Blows	
			365.3	100	Blows	
			362.8	100	Blows	
			360.3	6	1.0B	23
			357.8	10	0.8B	19
			355.3	15	1.5P	24
			352.8	23	1.5B	14
			350.3	18	1.4B	17
			347.8			
			345.3			
			342.8			
			340.3			
			337.8			
			335.3			
			332.8			
			330.3			

Boring No.	Station	Offset	Elevation	N	Q _u /L	w (%)
5	214-26	25 Ft. Rts.				
			392.8	21	1.5B	14
			389.8	16	1.4B	17
			387.3	14	1.2B	19
			384.8	15	1.3B	19
			382.3	11	1.3B	18
			380.3	17	1.2B	17
			377.8	17	1.5B	19
			375.3	20	1.6B	18
			372.8	19	1.3B	12
			370.3			
			367.8			
			365.3			
			362.8			
			360.3			
			357.8			
			355.3			
			352.8			
			350.3			
			347.8			
			345.3			
			342.8			
			340.3			
			337.8			
			335.3			
			332.8			
			330.3			

Boring No.	Station	Offset	Elevation	N	Q _u /L	w (%)
6	214-26	25 Ft. Rts.				
			392.8	21	1.5B	14
			389.8	16	1.4B	17
			387.3	14	1.2B	19
			384.8	15	1.3B	19
			382.3	11	1.3B	18
			380.3	17	1.2B	17
			377.8	17	1.5B	19
			375.3	20	1.6B	18
			372.8	19	1.3B	12
			370.3			
			367.8			
			365.3			
			362.8			
			360.3			
			357.8			
			355.3			
			352.8			
			350.3			
			347.8			
			345.3			
			342.8			
			340.3			
			337.8			
			335.3			
			332.8			
			330.3			

DESIGNED *James Dickerson*
CHECKED *Laurel J. Jernstedt*
DRAWN *W.E. Dickerson*
CHECKED *Laurel J. Jernstedt*

EXAMINED *W.C. Blum*
PASSED *C.H. Smith*
APPROVED *W.C. Blum*

AUG 23 1963

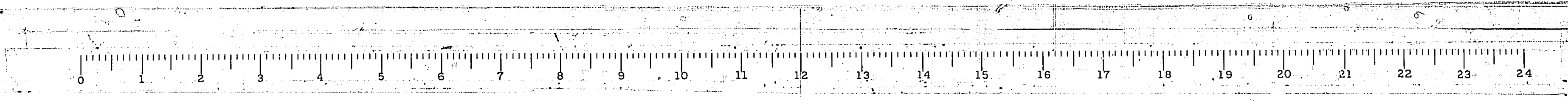
N - Standard Penetration Test - Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30".

Qu - Unconfined Compressive Strength - 1/4"

w - Water Content - percentage of oven dry weight - %.

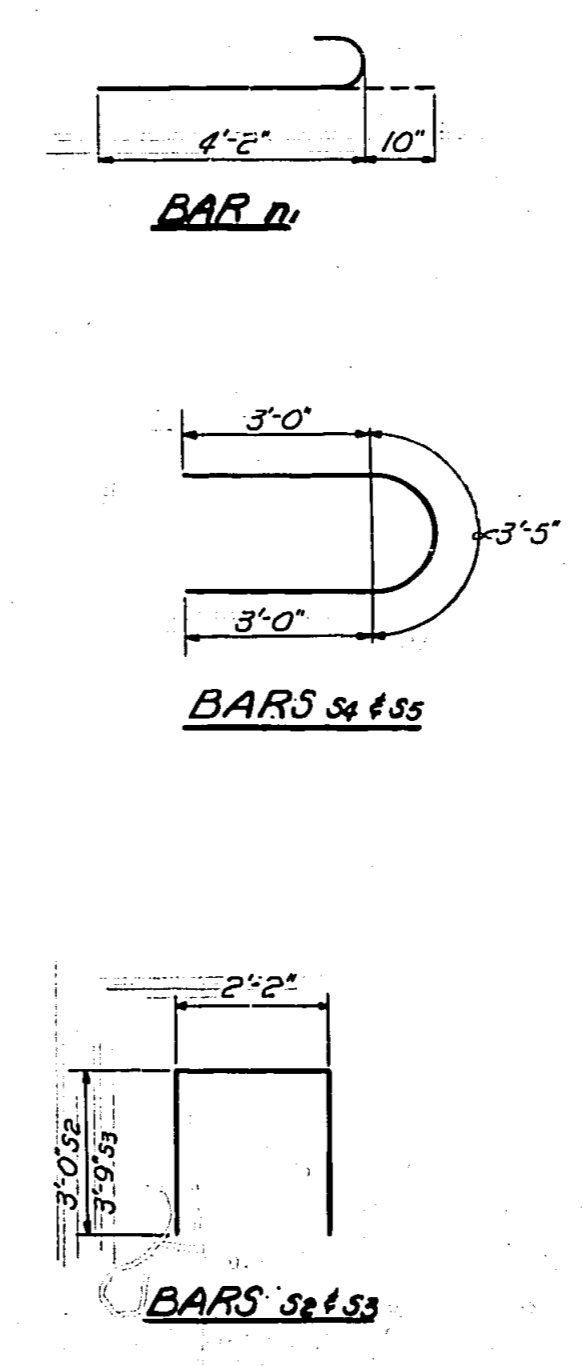
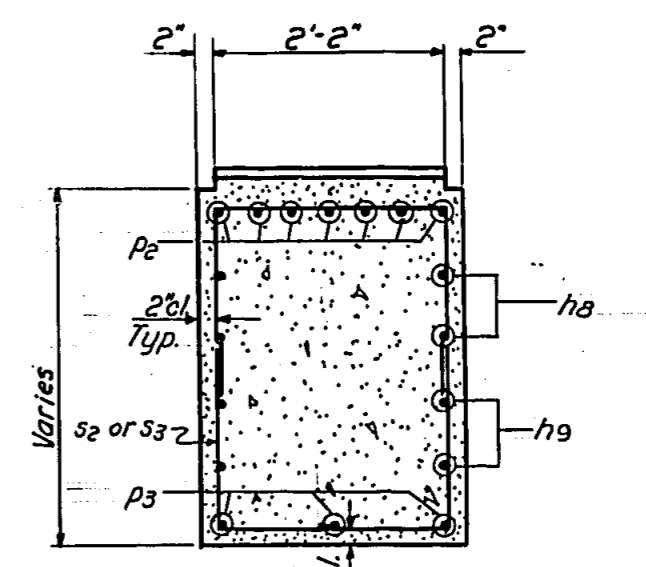
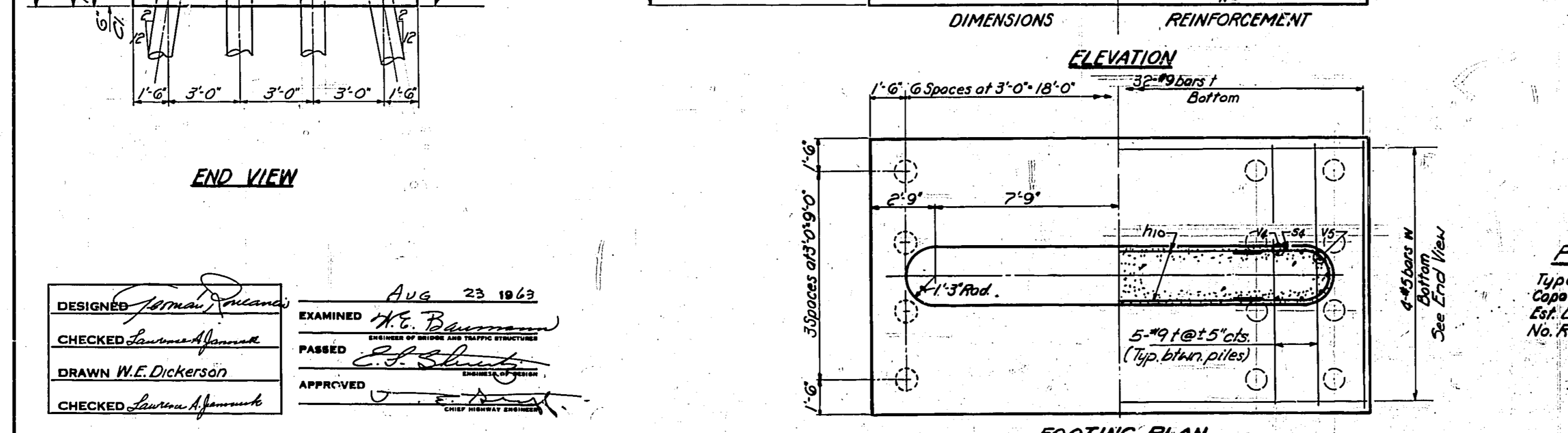
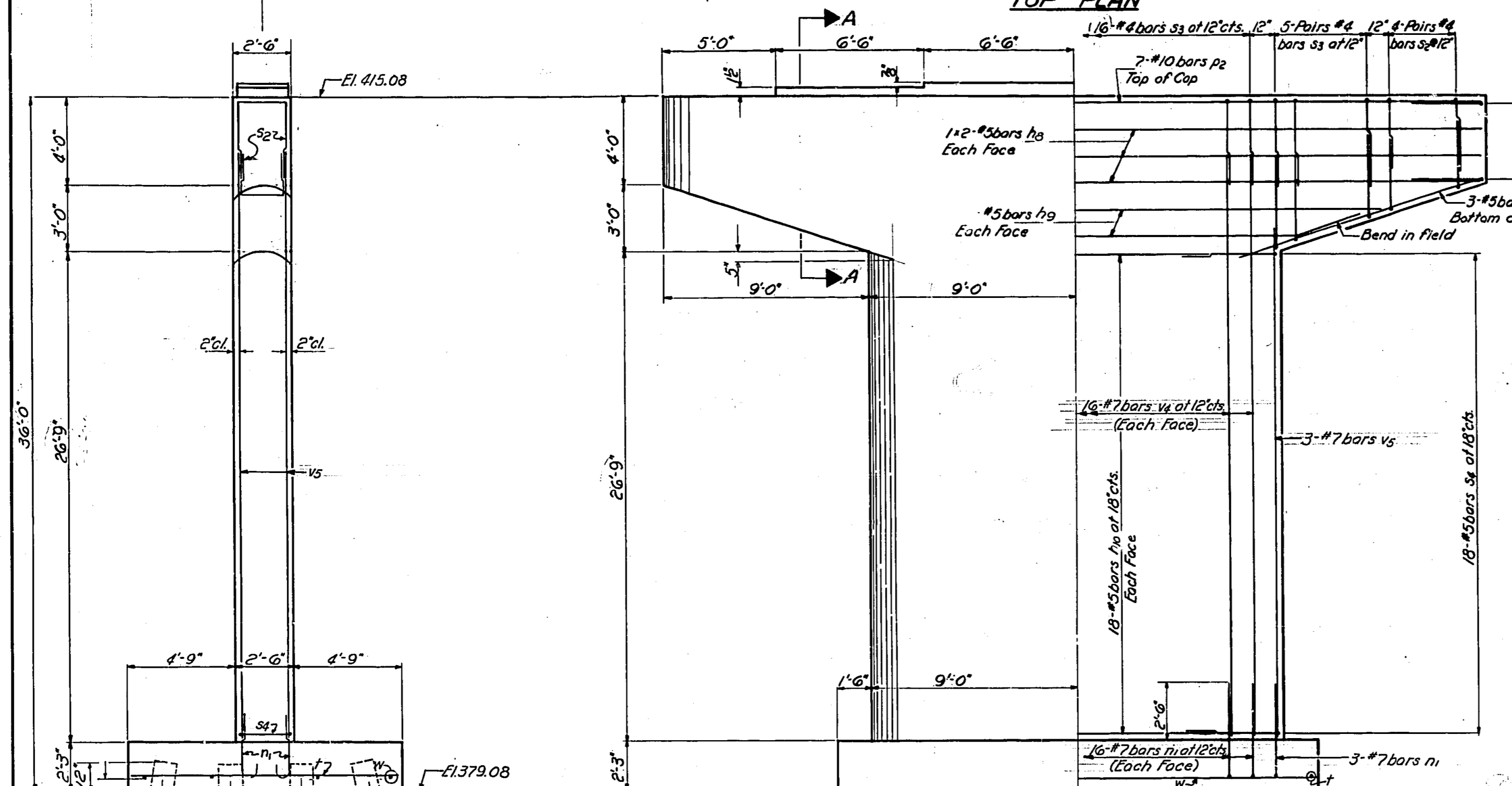
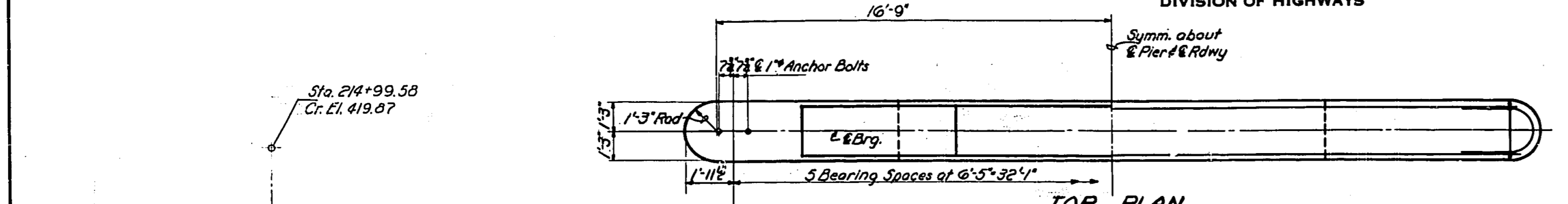
Type failure:
B - Edge Failure
S - Shear Failure
E - Estimated Value
P - Penetrometer Value.

BORING
S.B.I. RT. 183 SEC. 112B-1
FRANKLIN COUNTY
STATION 215+40



STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 9 10 SHEETS
S. 1183	1/2	FRANKLIN	21	14	
P. 1183	8-1				
PER. ROAD DIST. NO. 7	ILLINOIS	PER. JOB PROJECT			



BILL OF MATERIAL

Bars	No	Size	Length	Shape
n1	12	#5	18'-3"	
n2	4	#5	26'-9"	
n3	36	#5	12'-0"	
n4	36	#7	5'-0"	
p2	7	#10	33'-9"	
p3	6	#5	10'-6"	
s2	16	#4	8'-2"	
s3	36	#4	9'-8"	
s4	36	#5	9'-5"	
s5	8	#6	9'-5"	
t	32	#9	11'-6"	
v4	32	#7	31'-0"	
vs	6	#7	27'-9"	
w	4	#5	20'-6"	

Class X Concrete Cu. Yds. 85.2
Reinforcement Bars Lbs. 6770
Untreated Piles Lin. Ft. 1215
Test Piles (Timber) Ea. 1

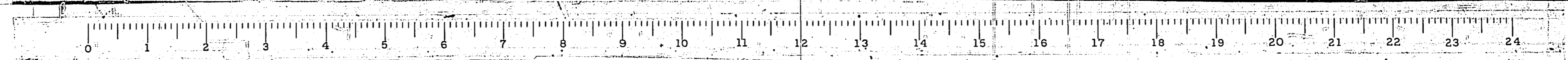
PILE DATA
Type: Timber
Capacity: 20 Tons
Est. Length: 45'-0"
No. Req'd: 28 (Including One Test Pile)

PIER 1
S.B.I. RT. 183 SEC. 112B-1
FRANKLIN COUNTY
STATION 215+40

DESIGNED: *James J. Pucina*
CHECKED: *Lawrence J. Pucina*
DRAWN: *W.E. Dickerson*
CHECKED: *Lawrence J. Pucina*

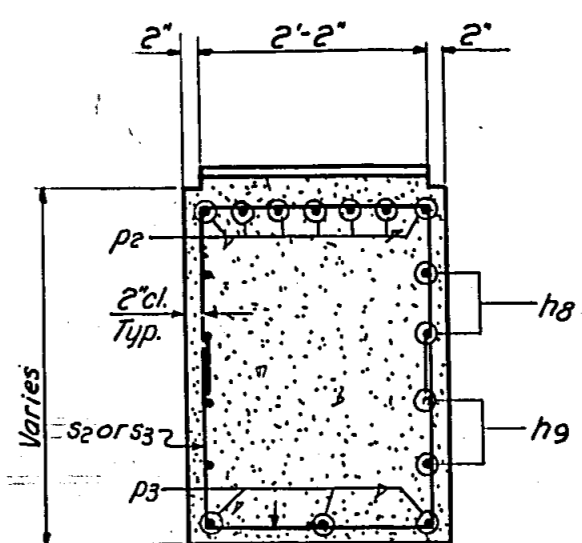
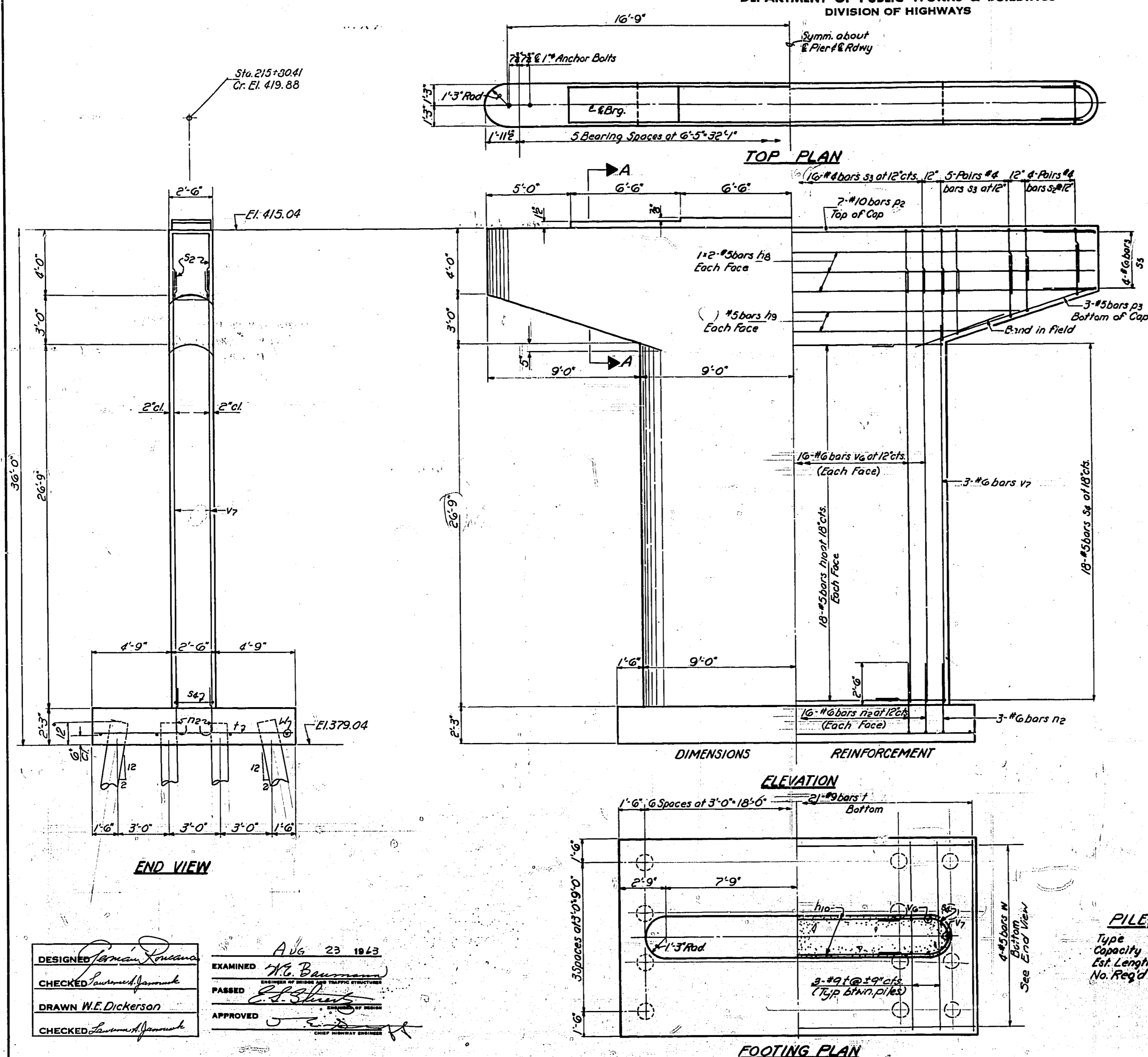
EXAMINED: *H.E. B...*
PASSED: *E.F. S...*
APPROVED: *[Signature]*

AUG 23 1963

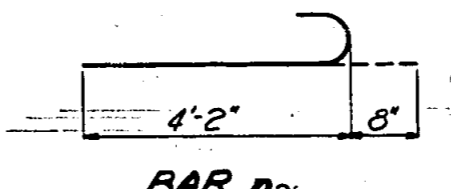


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

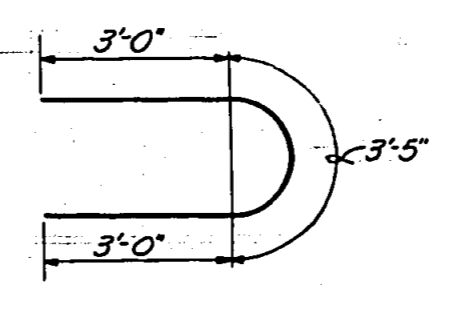
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO./10
S.B.I. 183	112	FRANKLIN	21	15	10 SHEETS
P.C. ROAD DIST. NO. 7	ILLINOIS	P.C. AIR PROJECT			



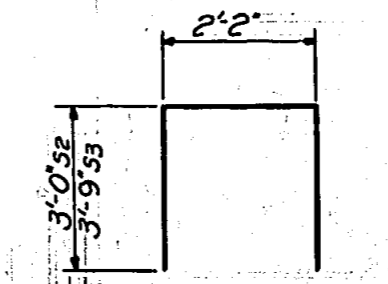
SECTION A-A
Space bars p2, p3 to miss anchor bolts



BAR p2



BARS s2 & s3



BARS s2 & s3

BILL OF MATERIAL

Bars	No	Size	Length	Shape
h8	12	#5	18'-3"	—
h9	4	#5	26'-9"	—
h10	36	#5	12'-0"	—
n2	38	#6	4'-10"	—
p2	7	#10	33'-9"	—
p3	6	#5	10'-6"	—
s2	16	#4	8'-2"	—
s3	36	#4	9'-2"	—
s4	36	#5	9'-5"	—
s5	8	#6	9'-5"	—
t	21	#9	11'-8"	—
v6	32	#6	31'-0"	—
v7	6	#6	27'-9"	—
w	4	#5	20'-8"	—

Class X Concrete Cu. Yds. 85.2
Reinforcement Bars - Lbs. 3590
Untreated Piles Lin. Ft. 1260

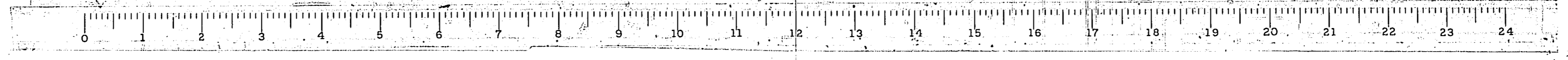
PILE DATA
Type Timber
Capacity 20 Tons
Est. Length 45'-0"
No. Req'd 28

DESIGNED *William J. Ross*
CHECKED *Lawrence J. Smith*
DRAWN *W.E. Dickerson*
CHECKED *Lawrence J. Smith*

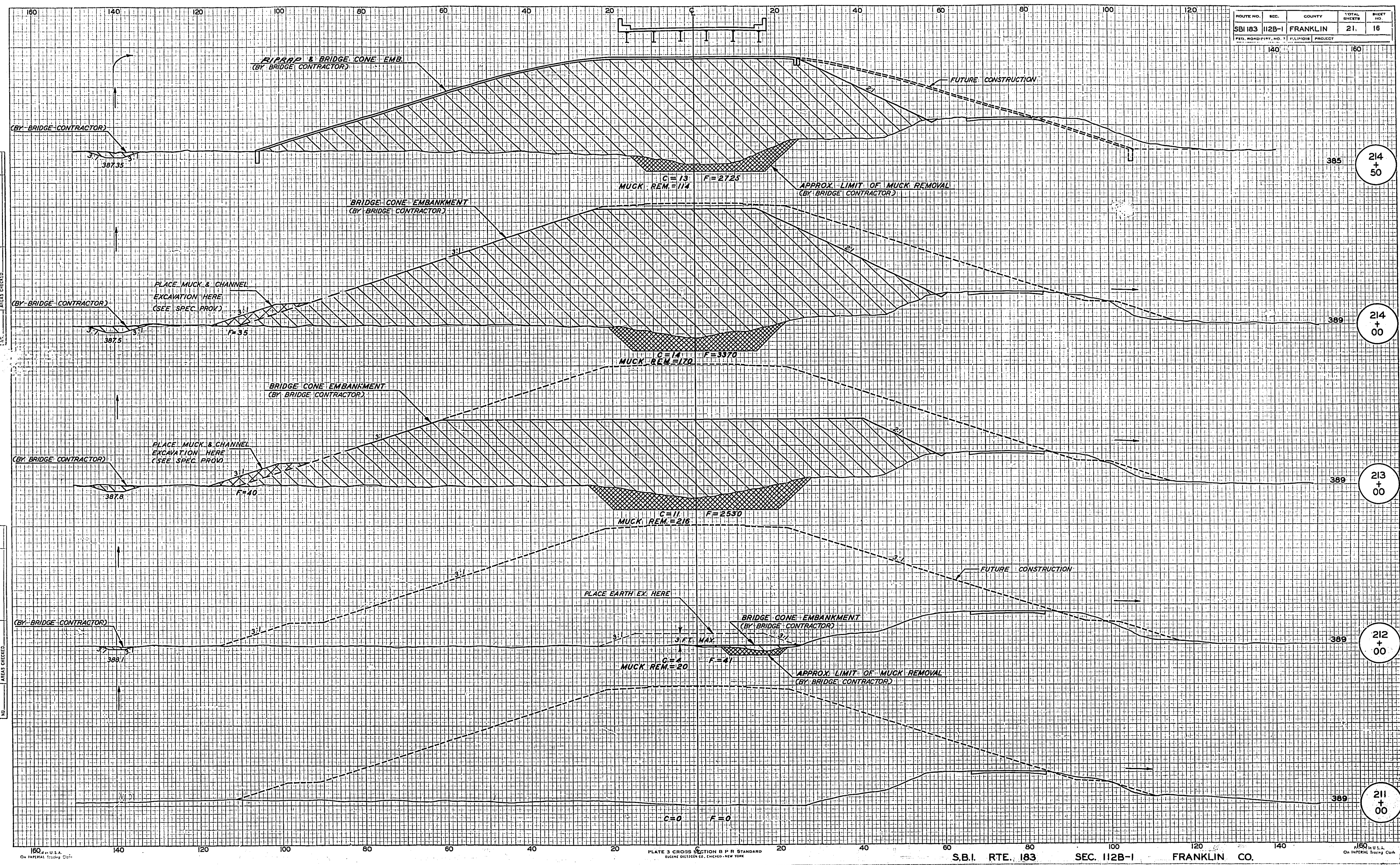
EXAMINED *H.G. Baumann*
PASSED *E.D. Shultz*
APPROVED *[Signature]*

Aug 23 1943

PIER 2
S.B.I. RT. 183 - SEC. 112 B-1
FRANKLIN COUNTY
STATION 215+40



S.B.I. RT. 183 - SEC. 112 B-1 - FOOTING CO. - 0.21 - 0

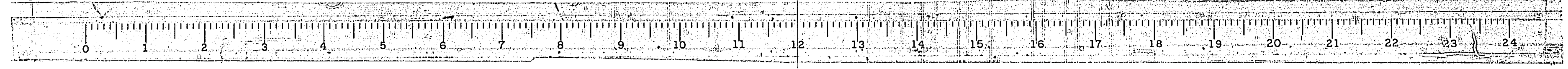


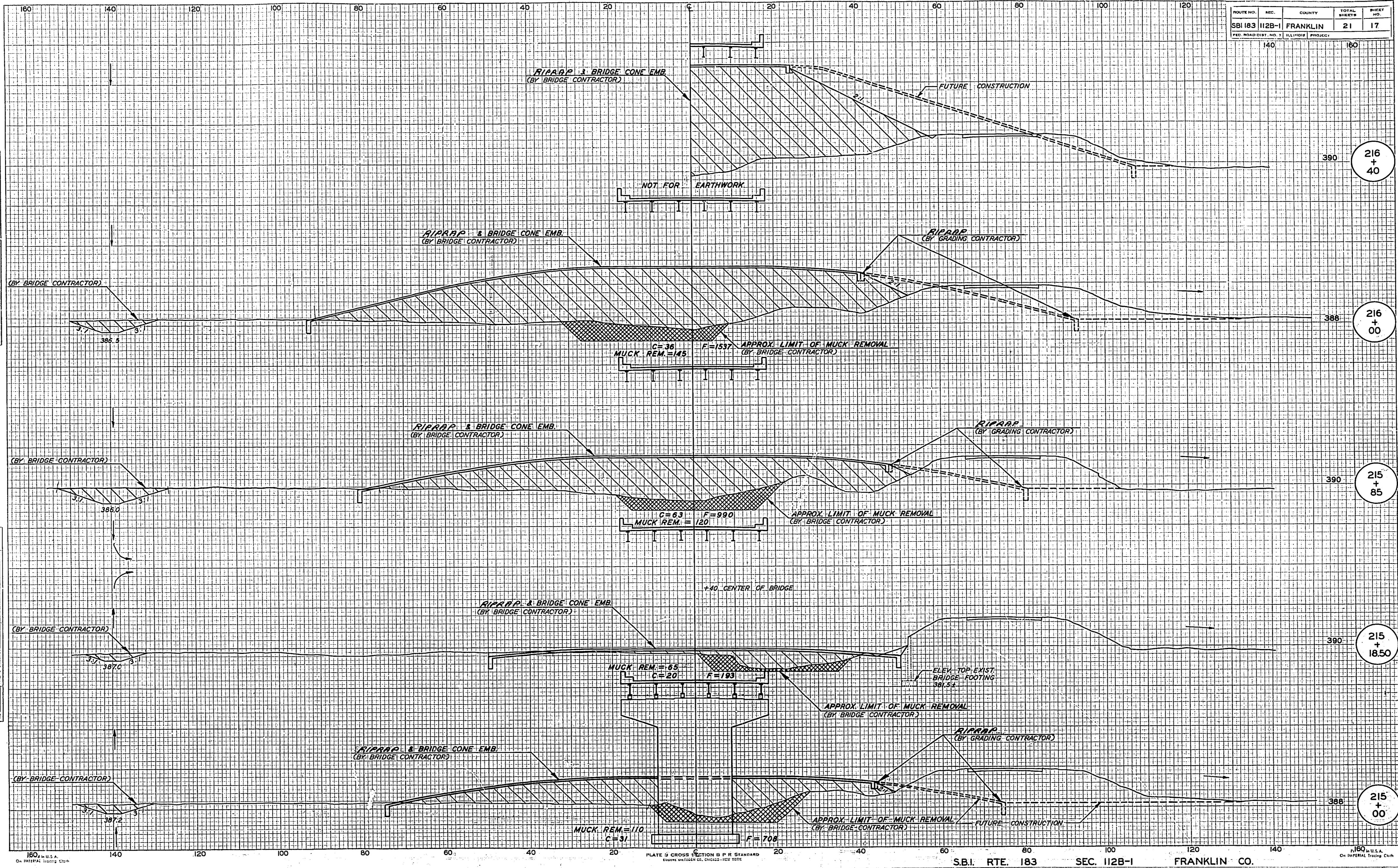
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
SBI 183	112B-1	FRANKLIN	21	16

DATE	BY	REVISION

DATE	BY	REVISION

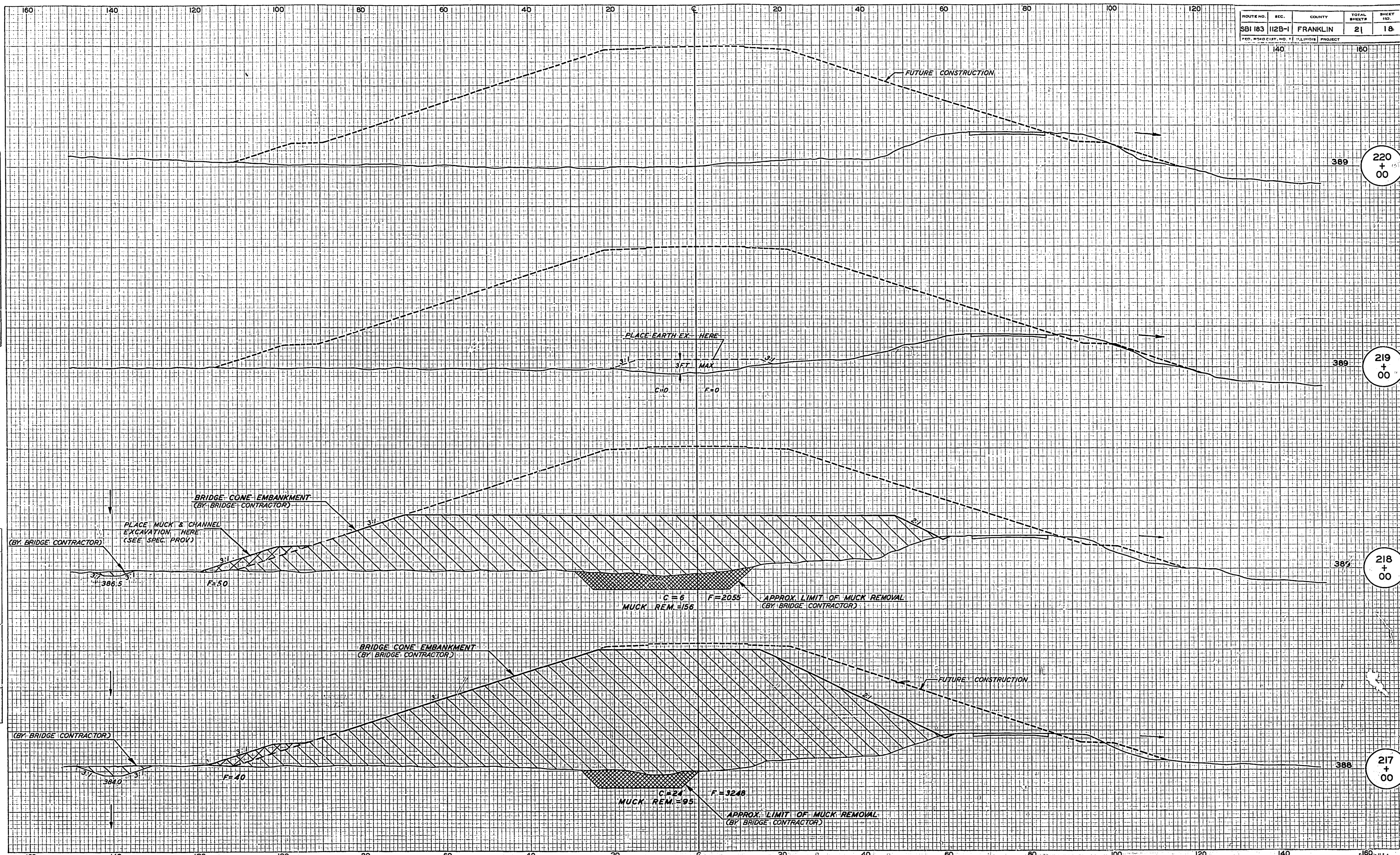
160 U.S.A. 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 U.S.A.
 On Internal Trolley Cuts
 PLATE 3 CROSS SECTION B P R STANDARD
 SCALE DELIVERED IN THREE NEW ROLLS
 S.B.I. RTE. 183 SEC. 112B-1 FRANKLIN CO.





FINAL SURVEY
 SURVEY
 NOTE BOOK
 AREA CHECKED
 DATE

ORIGINAL SURVEY
 SURVEY
 NOTE BOOK
 AREA CHECKED
 DATE

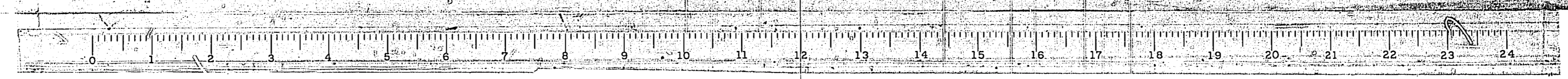


ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
SBI 183	112B-1	FRANKLIN	21	18
FED. ROAD DIST. NO. 1			ILLINOIS	PROJECT

DATE	BY	REVISION

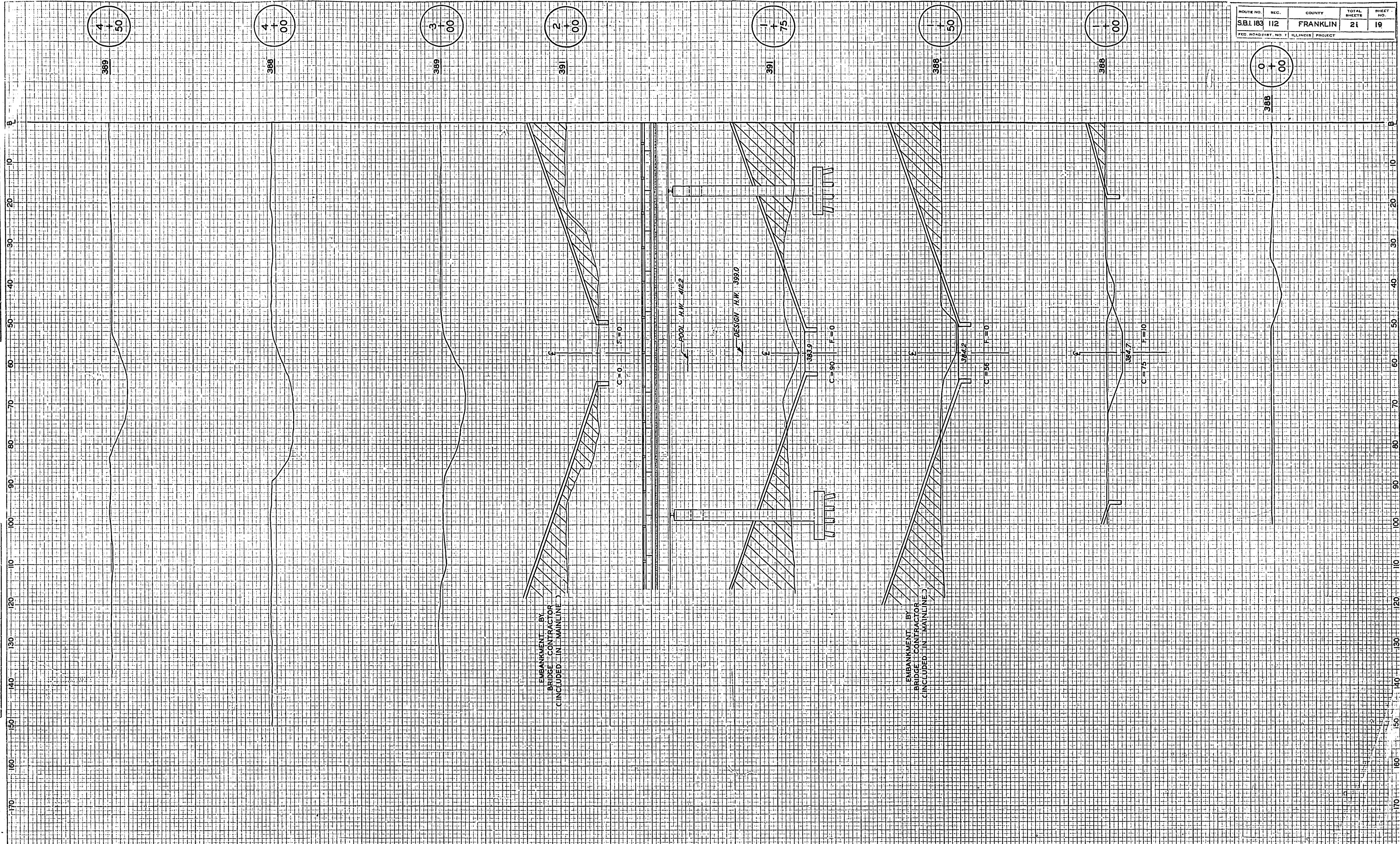
DATE	BY	REVISION

160 U.S.A. 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 U.S.A.
 S.B.I. RTE. 183 SEC. 112B-1 FRANKLIN CO.
 PLATE 3 CROSS SECTION B B STANDARD
 ENGINE DIVISION CO. DUCLOS-NEW YORK
 CH. IMPERIAL TRADING CO.



DATE	
BY	
FINAL SURVEY	
NOTED	
REVISION	
DATE	
BY	

DATE	
BY	
FINAL SURVEY	
NOTED	
REVISION	
DATE	
BY	



ROUTE NO.	S.B.L. 183	112	COUNTY	FRANKLIN	TOTAL SHEETS	21	SHEET NO.	19
FED. ROAD DIST. NO.			ILLINOIS PROJECT					

PLATE 3 CROSS SECTION B P R STANDARD
 S.B.L. ROUTE 183 SECTION 112 FRANKLIN CO. JACKIE BRANCH

