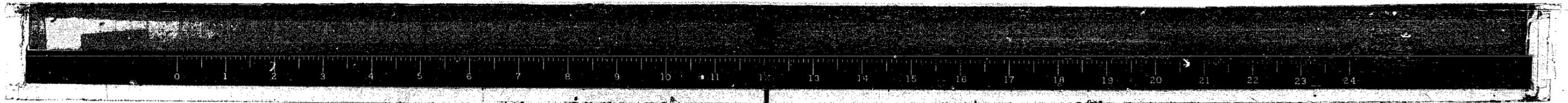


RT. SBI-70A

SEC. III VBR



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BOND ISSUE ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
70A	111 VBR	LA SALLE	16	1
B. P. R. REG. NO. 4		ILLINOIS	PROJECT	

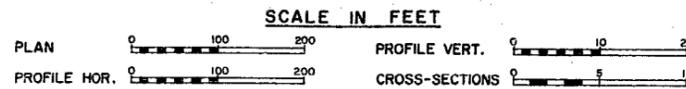
INDEX OF SHEETS

Sheet No.	Description
1	Title Sheet and Index of Sheets
2	Typical Sections
3	Summary of Quantities
4	Schedule of Quantities
5	Plan and Profile
6-12	Structure Plans
13-16	Cross Sections

Standards

- 1683-2 Inlet, Type A
- 1686-3 Standard Symbols
- 2143-3 Width Transition
- 2113-1 Name Plates
- 2324-2 Bridge Approach Pavement
- 2230-7 S. P. B. G. R. Details
- 2231-3 S. P. B. G. R. Applications
- 2298-3 Traffic Control
- 2299-4 Traffic Control
- 2300 Traffic Control
- 2309-2 Traffic Control
- 2301-2 Traffic Control
- 2302-2 Traffic Control
- 2305-2 Traffic Control
- 2305-3 Traffic Control
- 2311-3 Traffic Control
- 2213-3 Grates
- 2116-1 Patching Details
- 2239-5 Widening Details

**PLANS FOR PROPOSED
STATE BOND ISSUE HIGHWAY**

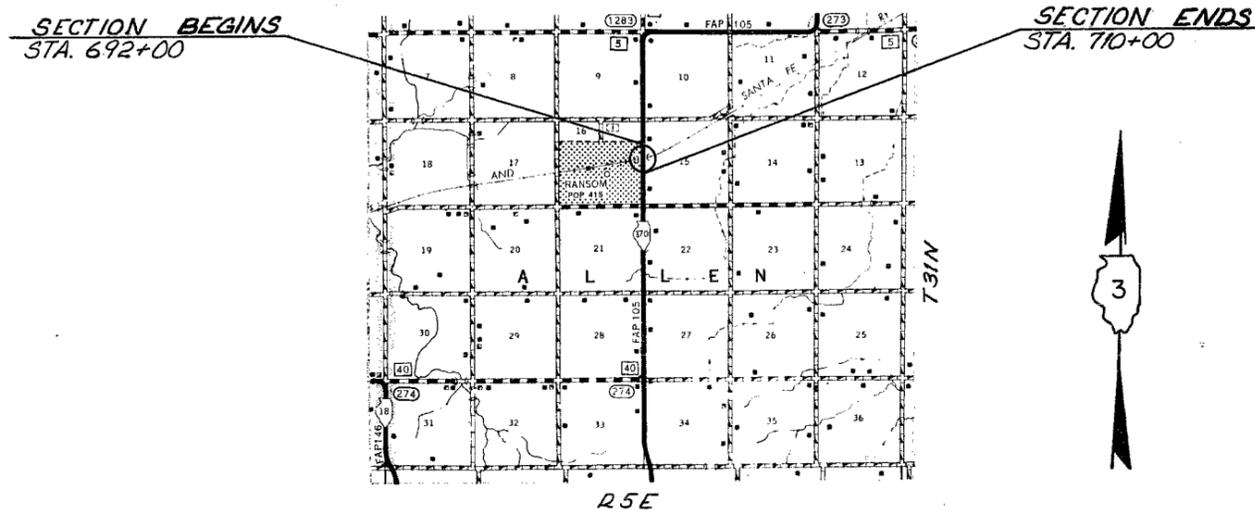


**S.B.I. ROUTE 70A
SECTION 111 VBR
LA SALLE COUNTY**

C-93-071-71



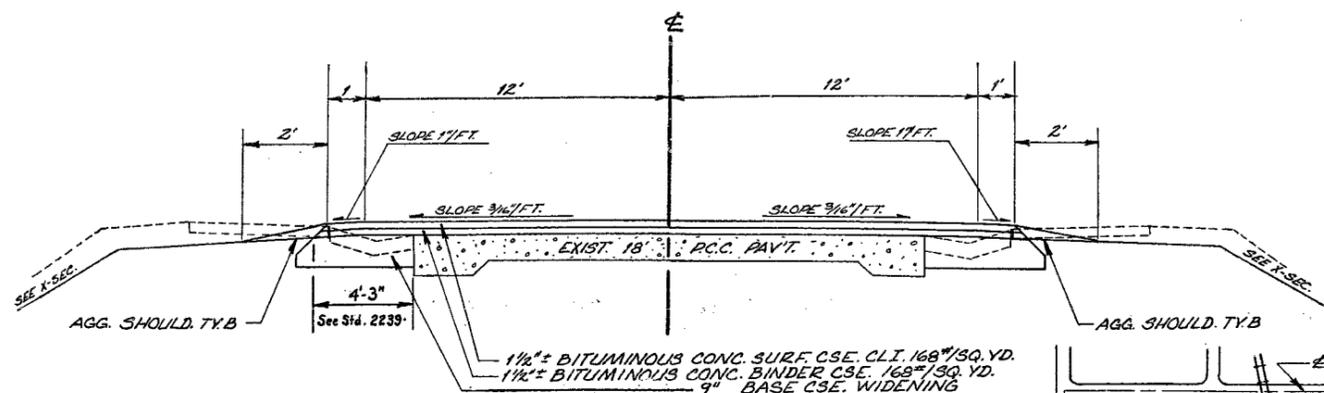
81 ADT 1060 COLLECTOR



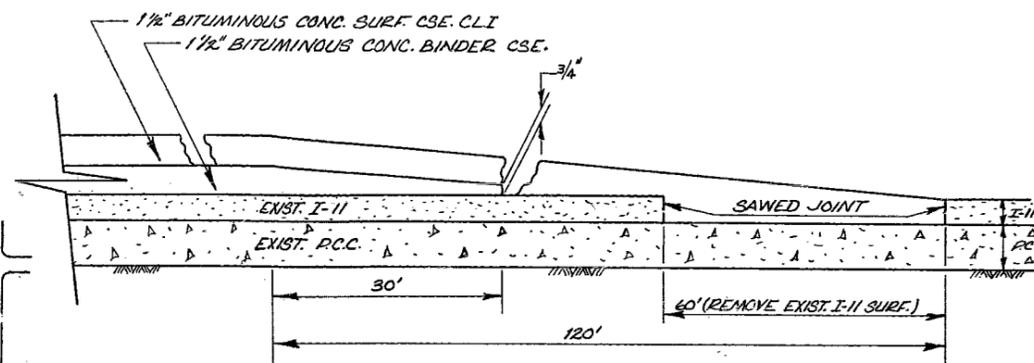
LAYOUT: 1 INCH = 1 MILE
GROSS LENGTH OF SECTION = 1800 FEET = 0.34 MILES
NET LENGTH OF SECTION = 1800 FEET = 0.34 MILES

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
SUBMITTED	9/14/72
EXAMINED	11-9-72
PASSED	11-9-72
APPROVED	11-9-72
APPROVED	11-9-72
SECRETARY	

CONTRACT NO. 28956

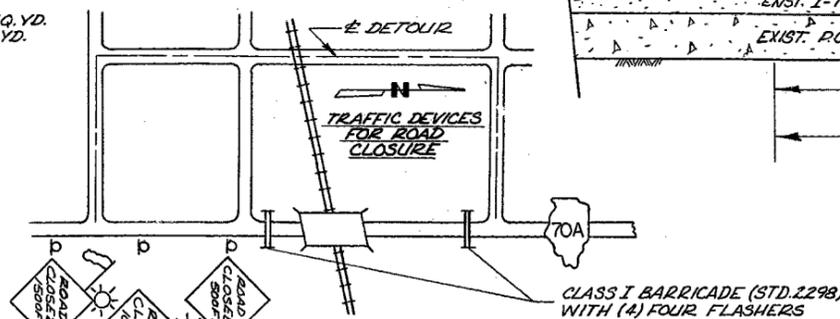


TYPICAL SECTION



BITUMINOUS ENDING TAPER

STA. 690+00 TO STA. 692+00
STA. 710+00 TO STA. 712+00



State of Illinois
Department of Public Works & Bldgs.
Division of Highways
District Three

Prepared By: _____
District Engineer of Design

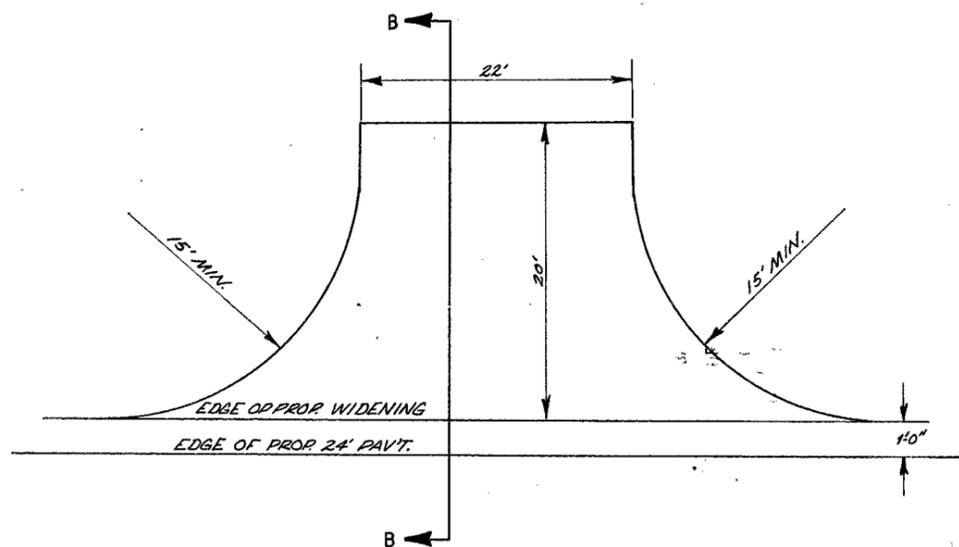
Date: _____

Examined By: Claude Heschy
District Engineer of Construction

Philip M. Schuster
District Engineer of Maintenance

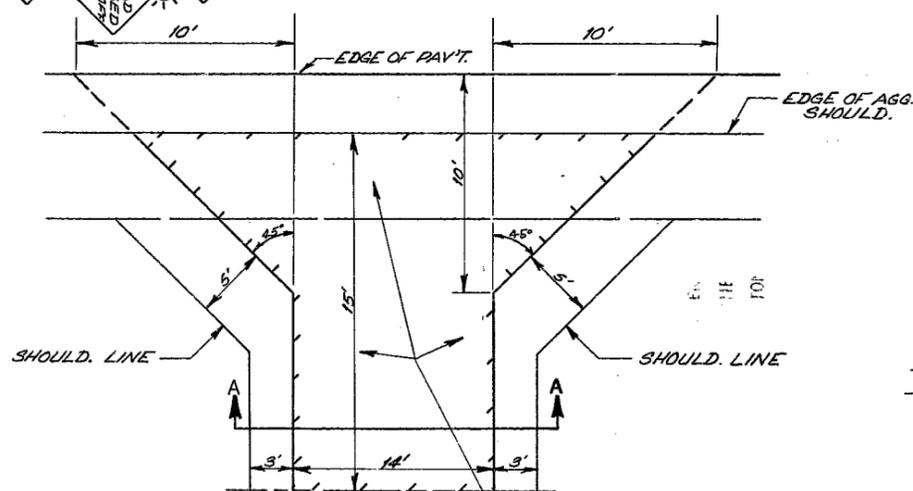
Salva Hoke
District Engineer of Materials

Alvin J. ...
District Engineer of Traffic



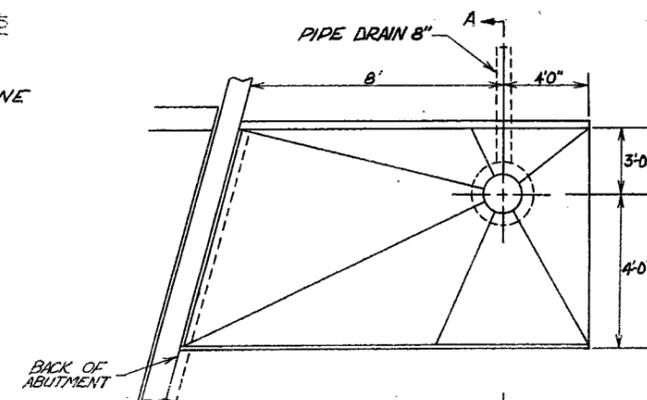
PLAN OF SIDE ROADS

STA. 709+89 ET.



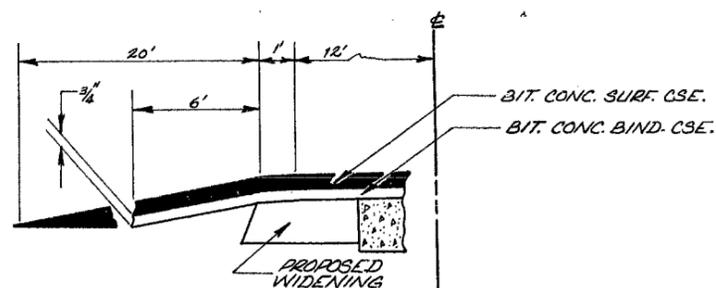
PLAN OF FIELD ENTRANCES

STA. 710+25 LT. AGG. SURFACE COURSE TYPE 'B'
STA. 710+98 LT.



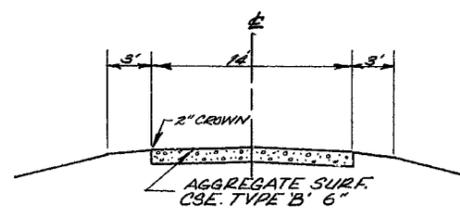
PLAN OF SHOULDER DRAINS

SEALING AS SHOWN ON DETAIL 'E', STD. 2324, NOT REQUIRED

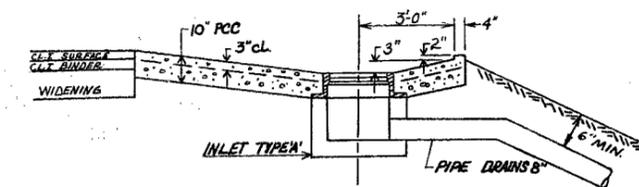


SECTION B-B

HALF SECTION AT SIDE ROAD



SECTION A-A



SECTION A-A

TYPICAL SECTIONS

SUMMARY OF QUANTITIES

Code No.	Item	Construction Type Code	Unit	Quantity
202004	EARTH EXCAVATION (WIDENING)	X171	CU YD	466
204001	BORROW EXCAVATION		CU YD	375
215004	AGGREGATE SHOULDERS, TYPE B		TON	101
X04025	BASE COURSE WIDENING, 9 INCHES		SQ YD	1857
402004	AGGREGATE SURFACE COURSE, TYPE B		TON	124
X40610	BITUMINOUS MATERIALS (PRIME COAT)		SQ YD	7546
403003	BITUMINOUS MATERIALS (COVER AND SEAL COATS)		GALLON	334
403005	COVER COAT AGGREGATE		TON	24
403006	SEAL COAT AGGREGATE		TON	12
406006	LEVELING BINDER (HAND METHOD)		TON	10
406007	BITUMINOUS CONCRETE BINDER COURSE		TON	408
406008	BITUMINOUS CONCRETE SURFACE COURSE, CLASS I		TON	584
501022	CONCRETE REMOVAL		CU YD	12
503004	PROTECTIVE COAT		SQ YD	47
504003	CLASS X CONCRETE		CU YD	171
507001	FURNISHING AND ERECTING STRUCTURAL STEEL		POUND	2910
507025	STUD SHEAR CONNECTORS		EACH	2646
508008	STEEL RAILING, TYPE N		LIN FT	356
509003	CLEANING & PAINTING STEEL BRIDGE		L SUM	1
512001	REINFORCEMENT BARS		POUND	39,920
514001	NAME PLATES		EACH	1
607003	PIPE DRAINS 8"		LIN FT	253
612142	INLETS, TYPE A, TYPE I FRAME, OPEN LID		EACH	4
617004	GUTTER REMOVAL		LIN FT	3312
617006	SIDEWALK REMOVAL		SQ FT	16,560
617008	BITUMINOUS CONCRETE SURFACE REMOVAL		SQ YDS	640
617025	PAVED DITCH REMOVAL		LIN FT	135
620026	PAVEMENT REMOVAL AND PORTLAND CEMENT CONCRETE REPLACEMENT, TYPE II, 10 INCH SQ YD		LIN FT	11
628001	STEEL PLATE BEAM GUARDRAIL, SINGLE RAIL		LIN FT	2,640
628015	TEMPORARY GUARD RAIL		LIN FT	180
633004	CABLE ROAD GUARD REMOVAL		LIN FT	2312
642001	SEEDING, CLASS I		ACRE	1
642003	SEEDING, CLASS III		ACRE	1
642004	NITROGEN FERTILIZER NUTRIENT		POUND	200
642006	POTASSIUM FERTILIZER NUTRIENT		POUND	200
642005	PHOSPHORUS FERTILIZER NUTRIENT		POUND	200
642007	AGRICULTURAL GROUND LIMESTONE		TON	6
643002	ASPHALT COATED MULCH		TON	2
643004	EXCELSIOR BLANKET		SQ YD	945
643005	EMULSIFIED ASPHALT		GALLON	200
646001	ENGINEER'S FIELD OFFICE TYPE A		EACH	1
646003	ENGINEER'S FIELD LABORATORY		EACH	1
X62801	TERMINAL SECTION, SINGLE RAIL		EACH	4
Z10178	COAL TAR INTERLAYER PROTECTIVE COAT		SQ YD	683
XZ1186	PREFORMED JOINT SEALER 2 1/2"		LIN FT	36
XZ1014	TRAFFIC CONTROL AND PROTECTION STANDARD 2309		EACH	1
XZ1086	TRAFFIC CONTROL AND PROTECTION STANDARD 2311		L SUM	1
X64701	PAVEMENT MARKING TAPE		LIN FT	160
501051	REMOVAL OF CONCRETE DECK		L SUM	1
XZ1010	PC CONCRETE BRIDGE APPROACH SHOULDER PAVEMENT		SQ YD	106
XZ1187	PREFORMED JOINT SEALER 4"		LIN FT	36

BITUMINOUS MATERIALS QUANTITIES							
Station	To Station	Length (Feet)	Width (Feet)	Area Sq. Yds.	Pr. Ct. Gallon	Binder Cse. Ton	Surface Cse. Ton
690+00	692+00	200	18-26	293.33	23.46	4.86	35.73
692+00	698+60.88	660.88	26	1909.2	152.75	160.37	160.37
698+60.88	699+60.88	100	26	288.9	23.1	26	26
699+60.88	701+41.28	180.4	33	-	-	-	56
701+41.28	702+41.28	100	26	288.9	23.1	26	26
702+41.28	710+00	758.72	26	2191.8	175.34	184.12	184.12
710+00	712+00	200	26-18	293.33	23.46	4.86	35.73
Side Road	Station 709+89 RT					1.47	3.74
				Total	421*	408	528

*(5266 SQ. YD.)

BITUMINOUS CONC SURFACE REMOVAL				
Station	To Station	Length (FEET)	Area Sq. Yd.	
690+00	690+60	60	120	
711+40	712+00	60	120	
698+60.18	699+60.88	100	200	
701+41.28	702+41.28	100	200	
			Total	640

CABLE ROAD GUARD REMOVAL				
Side	Station	To Station	Length (Feet)	
Lt	695+30.5	699+57.13	426.6	
Rt	695+55	699+64.4	409.4	
Lt	701+38	708+83	731.2	
Rt	701+44.8	708+76	745.0	
			Total	2,312.2

STEEL PLATE BEAM GUARD RAIL				
Side	Station	To Station	Length (Feet)	
Rt	694+25	699+60.88	536.00	
Lt	694+25	699+60.88	536.00	
Rt	701+41.28	709+25	784.00	
Lt	701+41.28	709+25	784.00	
			Total	2,640.00

GENERAL NOTES

Where section or sub-section monuments are encountered, the Engineer shall be notified before such monuments are removed. The Contractor shall protect and carefully preserve all monuments until an authorized surveyor or agent has witnessed or otherwise referenced their location. The Contractor will be responsible for having an authorized surveyor re-establish any section or sub-section monuments destroyed by his operations.

The thickness of bituminous mixture shown on the plans is the nominal thickness. Deviations from the nominal thickness will be permitted when such deviations occur due to irregularities in the existing surface or base on which the bituminous mixture is placed.

The nominal thickness for granular material; base and surface courses are shown on typical sections, standards, schedules or special details. The constructed thickness of the above items shall not be less than 90 per cent of the nominal thickness at any location.

It shall be the Contractor's responsibility to determine the actual location of all underground utility facilities. He shall also obtain from the respective utility companies detailed information relative to the location of their facilities and the working schedules of the utility companies for their marking of the exact location.

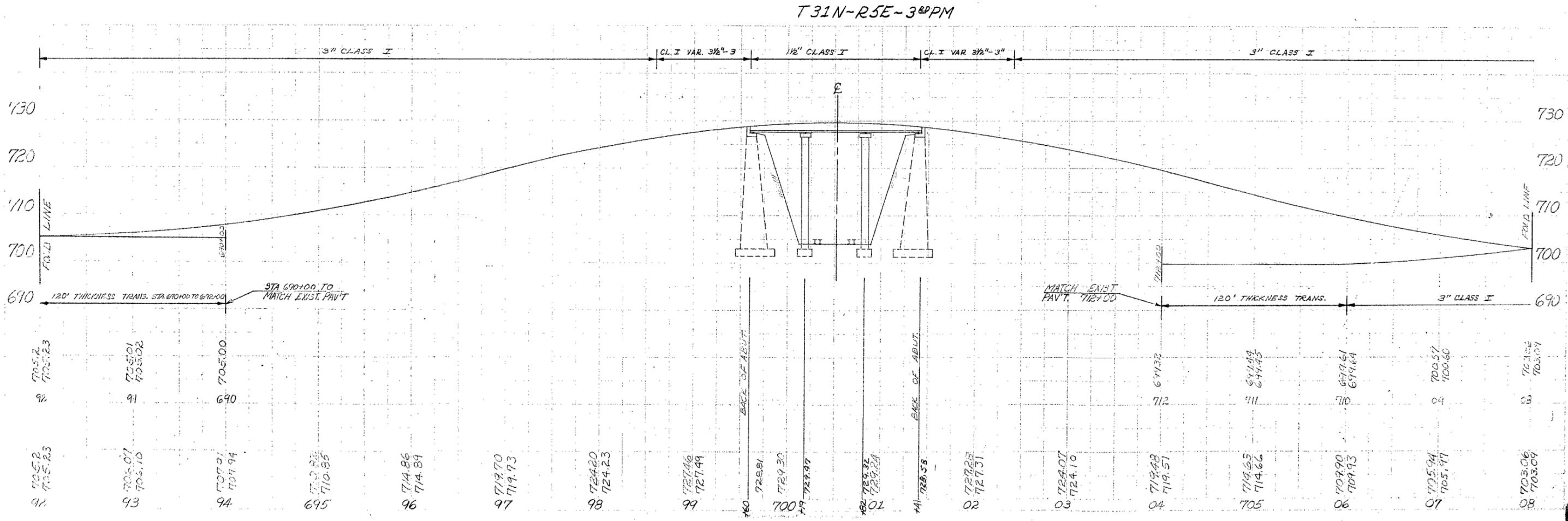
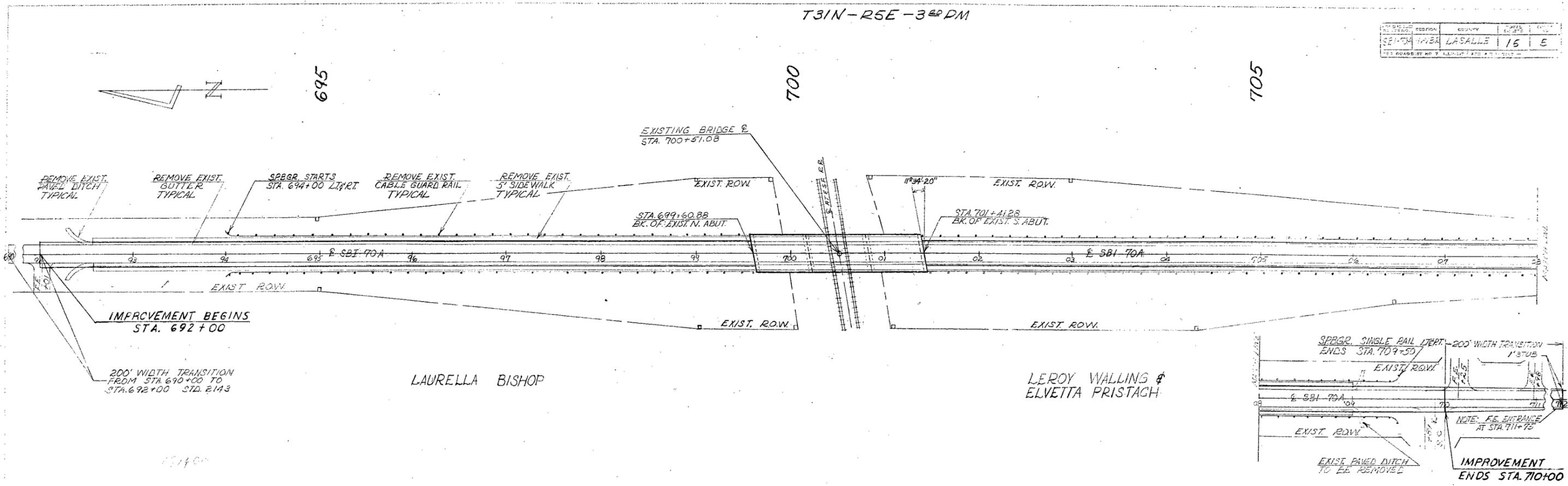
For the purpose of this contract, spring seeding is defined as that performed between December 31st to July 1st. Fall seeding is defined as that performed between July 1st and December 31st. Seeding will not be permitted at any time when the ground is frozen, wet or in unillable condition.

DETOUR QUANTITIES					
	Class A Pr. Ct. Gallon	Cover & Seal Ct. Gallon	Cover Ct. Agg. Ton 0.02 Ton/Sq Yd	Seal Ct. Agg. Ton 0.01 Ton/Sq Yd	Agg. Surf. Cse Ty B Ton
DETOUR	456*	334	24	12	100

*(2280 SQ. YD.)

RATES OF APPLICATION	
Nitrogen Fertilizer Nutrient	100 #/Acre
Phosphorus Fertilizer Nutrient	100 #/Acre
Potassium Fertilizer Nutrient	100 #/Acre
Agricultural Ground Limestone	3 Tons/Acre
Asphalt Coated Mulch	2 Tons/Acre
Bit. Conc. Binder Course (1 1/2")	168#/Sq Yd
Bit. Conc. Surface Course (1 1/2")	168#/Sq Yd
Prime Coat (Mainline)	0.08 Gal/Sq Yd
Prime Coat (Detour)	0.375 Gal/Sq Yd
Aggregate Shoulders Type 'B'	5 Ton/Sta.
Emulsified Asphalt	100 Gal/Ton Mulch

PROJECT NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
SE-104	118A	LASALLE	15	5
PROJECT NAME: LAURELLA BISHOP				



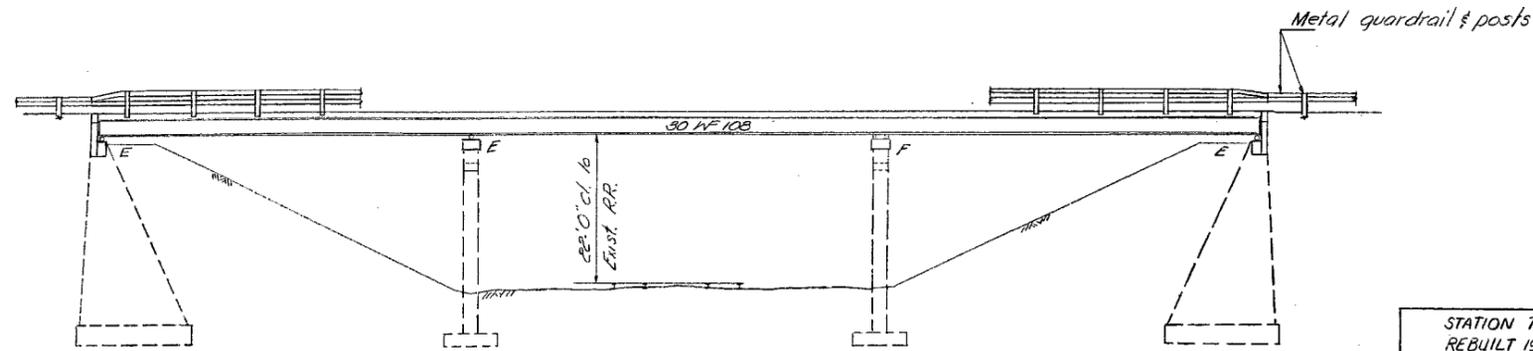
BM: E of Existing Pavt at Sta. 690+00, Elev. 705.00
 Top of R.O.W. Marker 40' LT. Sta. 692+15 Elev. 705.79
 Existing Structure: Built as SBI RT 70A, Sec. III-VBR in 1935,
 of Sta. 700+51.08. Steel stringers with RC slab, RC Piers,
 & Abuts. Exist. 7" conc. deck to be removed & replaced.
 No Salvage.
 Stage construction shall be utilized so as to maintain
 traffic over structure.

STATE OF ILLINOIS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 1
70A	III	LA SALLE	16	6	7 SHEETS
F.A. VBR					
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:			

GENERAL NOTES

All reinforcement bars shall be lapped 24 diameters unless otherwise shown.
 Existing structural steel shall be cleaned by method I. Painting of all
 structural steel shall include one complete coat of red lead paint & two
 complete coats of aluminum paint.
 It shall be the responsibility of the contractor to verify all dimensions
 & conditions existing in the field prior to construction & ordering materials.
 Protective coat shall not be applied to surfaces to which coal tar interlayer
 protective coat is applied.
 Communication lines under spans 1 & 3 shall be protected during
 construction.
 Structure will be closed to traffic during Stage I & Stage II deck pours
 for a period of about 24 hours.



ELEVATION

STATION 700+51.08
 REBUILT BY
 STATE OF ILLINOIS
 SBI RT. 70A SEC III VBR
 LOADING HS 20

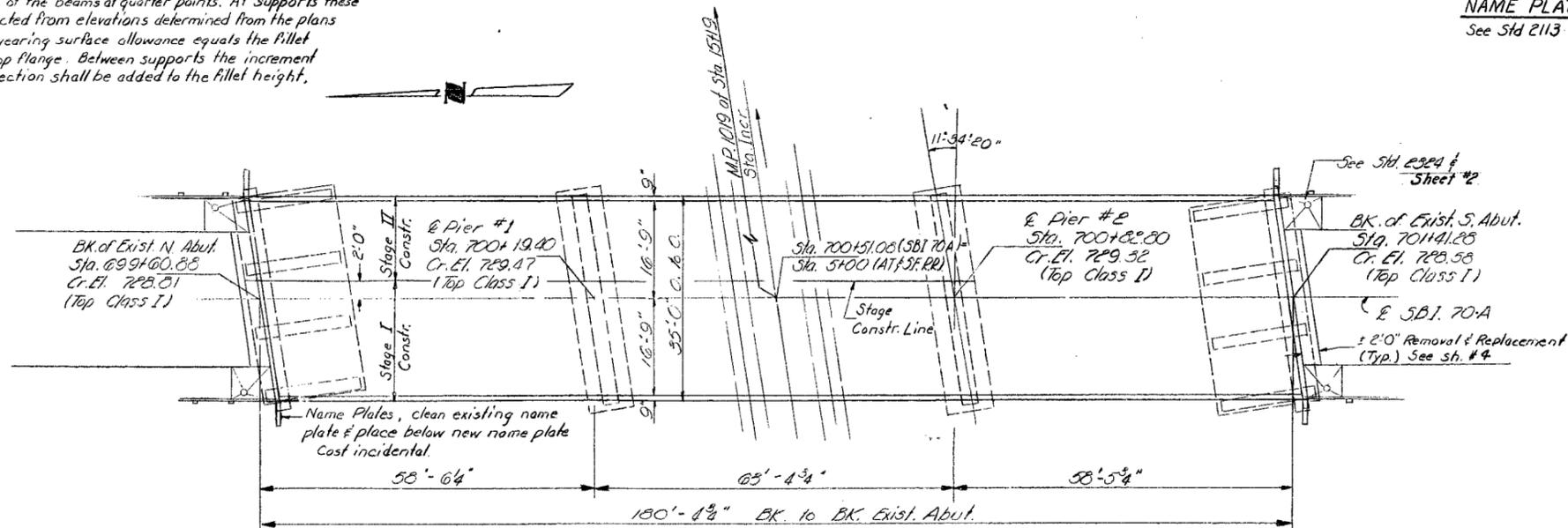
NAME PLATE
 See Std 2113

TOTAL BILL OF MATERIAL

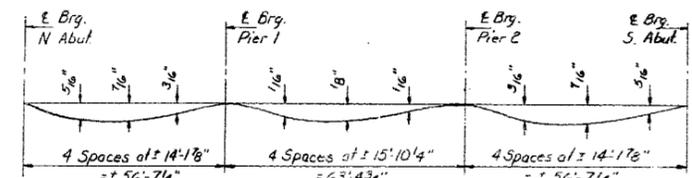
Item	Unit	Super	Sub	Total
Bituminous Conc. Surface Course, Class I	Tons	56		56
Concrete Removal	Cu. Yds.		12	12
Removal of Existing Conc. Deck	L.S.	1		1
Protective Coat	Sq. Yds.	47		47
Class X Concrete	Cu. Yds.	159.6	1.4	171.0
Structural Steel	Lbs.	2910		2910
Stud Shear Connectors	Ea.	2646		2646
Steel Railing, Type N	Lin. Ft.	356		356
Reinforcement Bars	Lbs.	37840	2080	39920
Name Plates	Ea.	1		1
Coal Tar Interlayer Protective Coat	Sq. Yds.	683		683
Preformed Joint Sealer 2 1/2"	Lin. Ft.	36		36
Temporary Guard Rail	Lin. Ft.	180		180
Pavement Reml & PCC. Replacem (Type II 10')	Sq. Yds.	11		11
Cleaning & Painting Steel Bridge	L.S.			1
Preformed Joint Sealer 4"	Lin. Ft.	36		36

DETERMINATION OF
 FILLET HEIGHT "T"

Before placement of the new deck, elevations shall be taken
 on the top flanges of the beams at quarter points. At supports these
 elevations subtracted from elevations determined from the plans
 less 9" deck and wearing surface allowance equals the fillet
 height above the top flange. Between supports the increment
 of dead load deflection shall be added to the fillet height.



PLAN



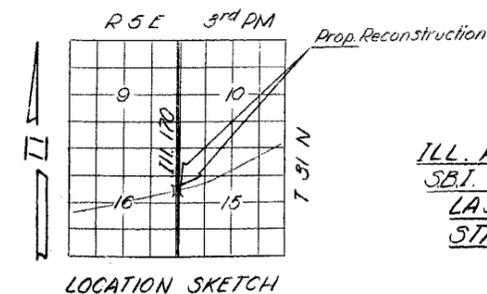
DEAD LOAD DEFLECTION DIAGRAM
 (Includes weight of concrete only)

DESIGN STRESSES

- $f_c = 1200$ psi (Deck Slab)
- $f_c = 1,000$ psi (Sub.)
- $f_s = 20,000$ psi (Reinf.)
- $f_s = 18,000$ psi (Exist. Struct.)
- $n = 10$
- Allow 25% Sag. Future W.S.

LOADING HS 20-44

Design Specifications: AASHTO, 1969, as applicable.



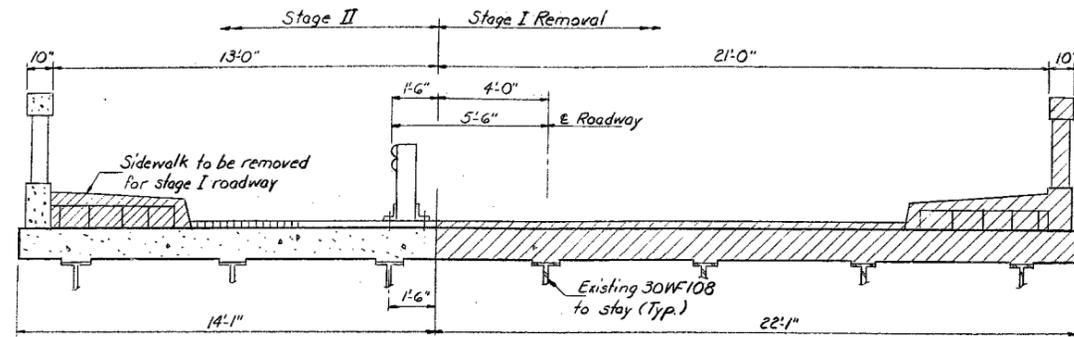
ILL. RT. 170 OVER AT & SFRR
 SBI RT. 70A SECTION III VBR
 LASALLE COUNTY
 STATION 700+51.08

DESIGNED	A. Hanyat
CHECKED	L. S. Hanch
DRAWN	daryl S.L.
CHECKED	L. S. Hanch (R.B.)

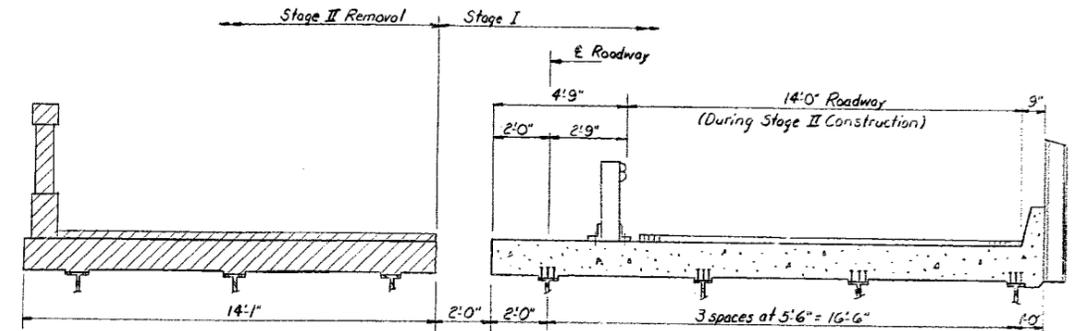
EXAMINED	Aug 26 1971
PASSED	
APPROVED	



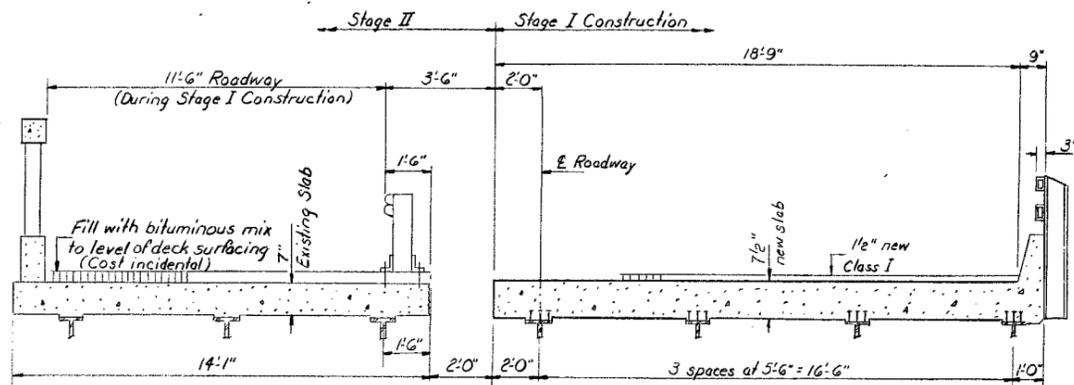
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 2
S.B. 170A	III-VBR	La Salle	16	7	7 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:			



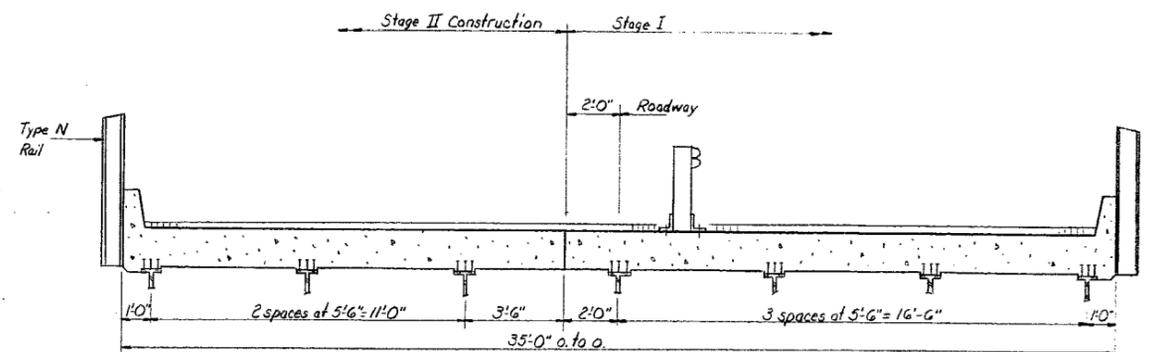
STAGE I DECK SLAB REMOVAL



STAGE II DECK SLAB REMOVAL

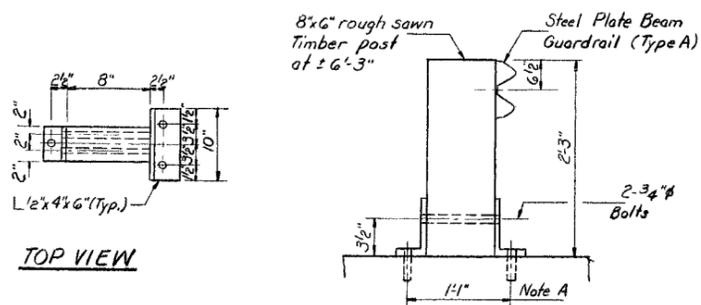


STAGE I DECK SLAB CONSTRUCTION



STAGE II DECK SLAB CONSTRUCTION

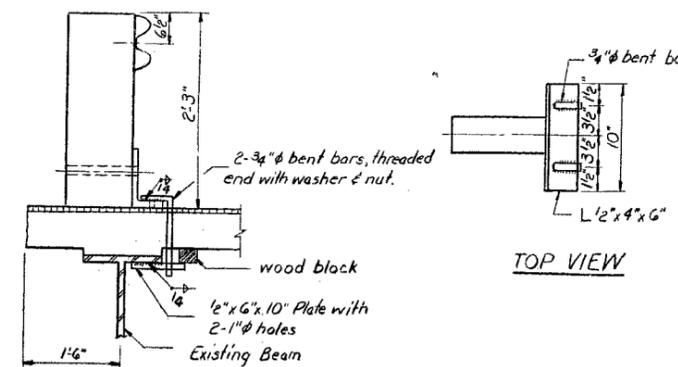
ALL VIEWS LOOKING SOUTH



TEMPORARY GUARDRAIL DETAIL

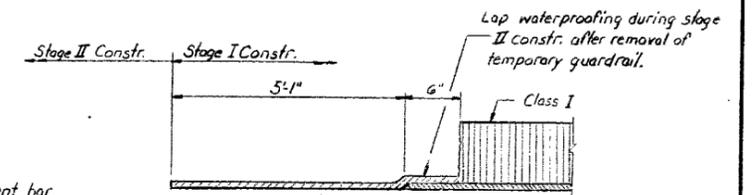
See Special Provisions

Note A: Temporary Guardrail Anchors
 Stage I: 3-3/4" self drilling expansion bolts in existing deck or alternate attachment.
 Stage II: 3-3/4" x 6" bolts cast in deck slab. Burn flush after guardrail removal.



ALTERNATE ATTACHMENT OF TEMPORARY GUARDRAIL

To be used only in case of deteriorated condition of existing conc. deck during stage I constr.



WATERPROOFING TREATMENT

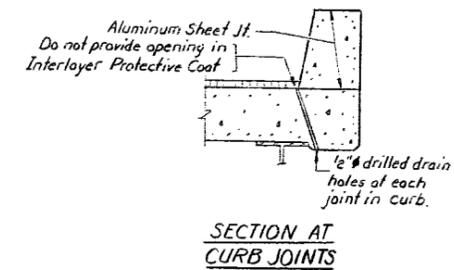
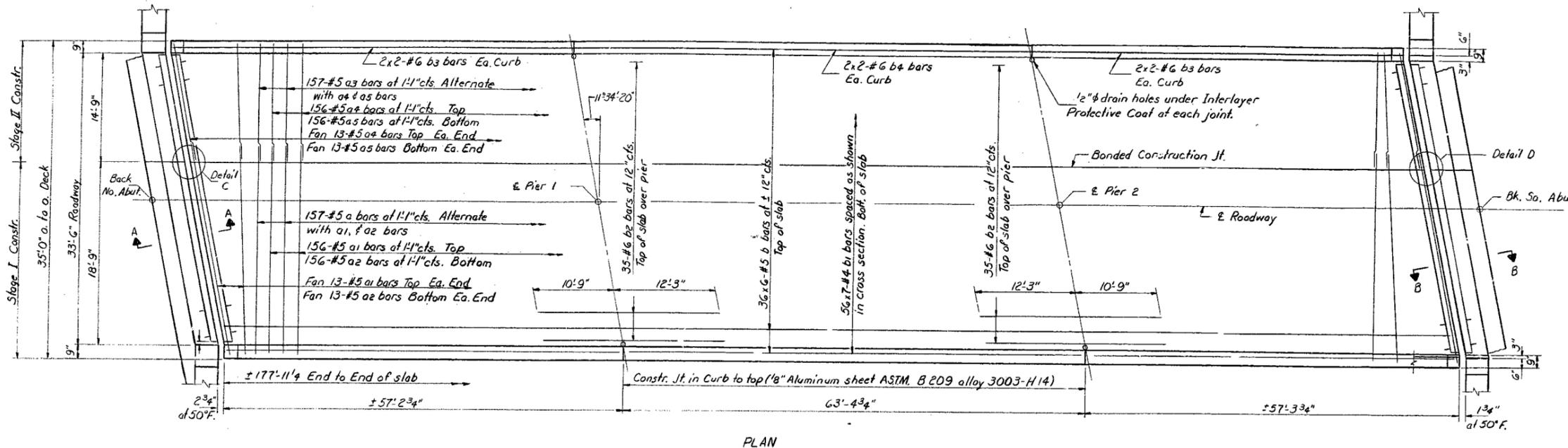
DESIGNED	A. V. Khayyat
CHECKED	J. S. Hunch
DRAWN	S. E. Lindsey
CHECKED	J. S. Hunch

EXAMINED	Aug 30 1971
PASSED	
APPROVED	

STAGE CONSTRUCTION
 SBI, RT TOA SEC. III-VBR
 LA SALLE COUNTY
 STA. 700+51.08

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. I. 70A	VBR	La Salle	16	8
F. A.				7 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

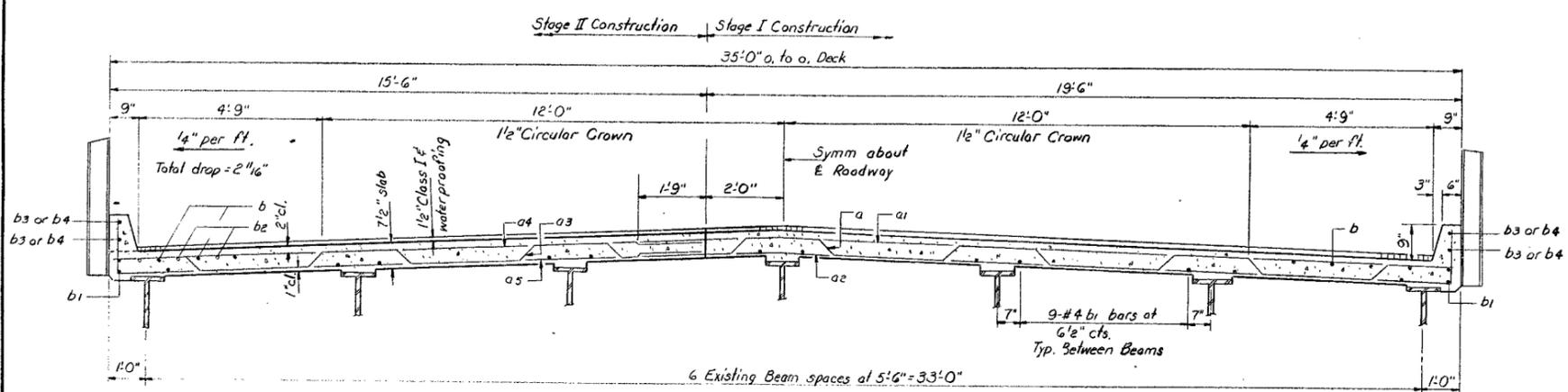
Note:
Bars indicated thus 20x3-#5 etc.
indicates 20 lines of bars with 3
lengths per line.
Min. bar laps = 24 dia.



PLAN

BILL OF MATERIAL

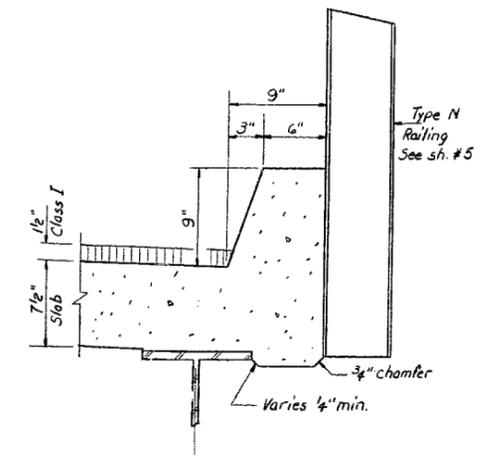
Bar	No.	Size	Length	Shape
a	157	#5	22'-3"	~
a1	182	#5	21'-1"	—
a2	182	#5	22'-3"	—
a3	157	#5	16'-1"	~
a4	182	#5	15'-3"	—
a5	182	#5	16'-6"	—
b	216	#5	30'-9"	—
b1	392	#4	26'-3"	—
b2	70	#6	23'-0"	—
b3	16	#6	29'-3"	—
b4	8	#6	32'-4"	—
Class X Concrete		Cu. Yds.	159.6	
Reinforcement Bars		Lbs.	37840	



NEAR PIER

CROSS SECTION
Looking South

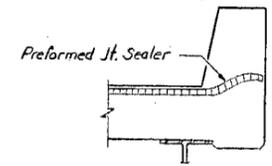
NEAR MIDSPAN



CURB SECTION

DESIGNED A.Y. Haqqyat
 CHECKED L.J. Houch
 DRAWN S.E. Lindsey
 CHECKED L.J. Houch

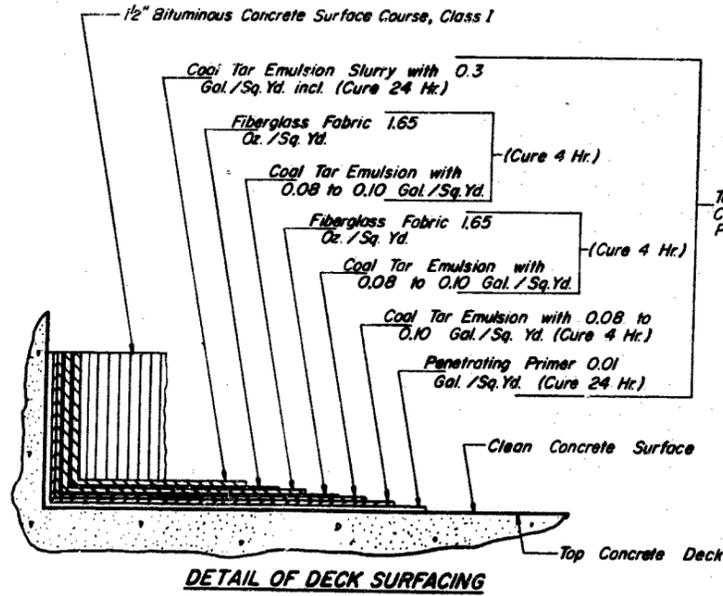
EXAMINED [Signature] AUG. 26 1971
 PASSED
 APPROVED [Signature]
 CHIEF HIGHWAY ENGINEER



TYPICAL END OF SEALER TREATMENT

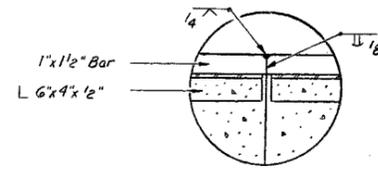
SUPERSTRUCTURE
 S.B.I. RT. 70A SEC. III-VBR
 LASALLE COUNTY
 STA. 700+51.08

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 4 7 SHEETS
S. R. 170A	III	La Salle	16	9	
P.A.	VBR				
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:			

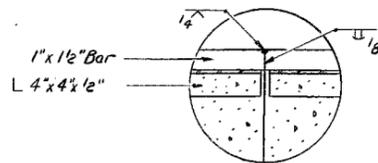


DETAIL OF DECK SURFACING

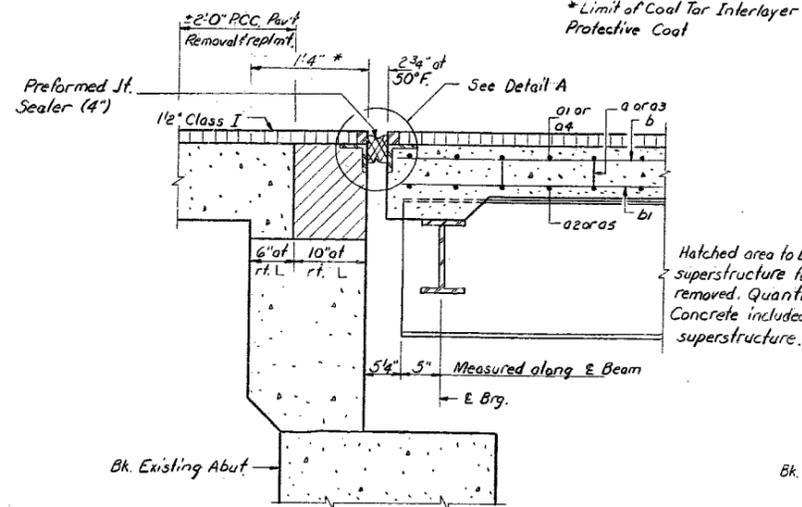
To be paid for as:
Coal Tar Interlayer
Protective Coat.



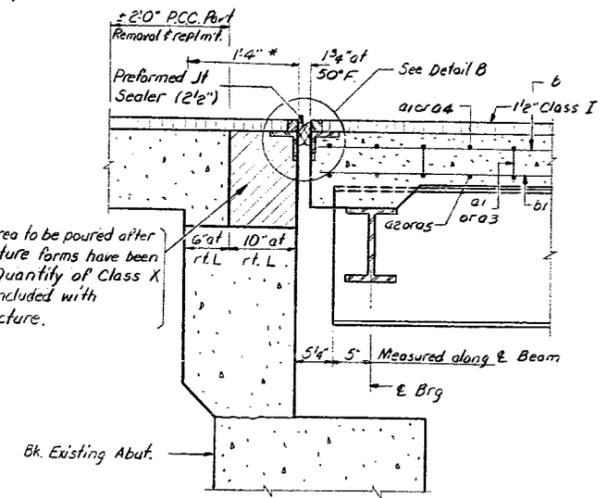
DETAIL C



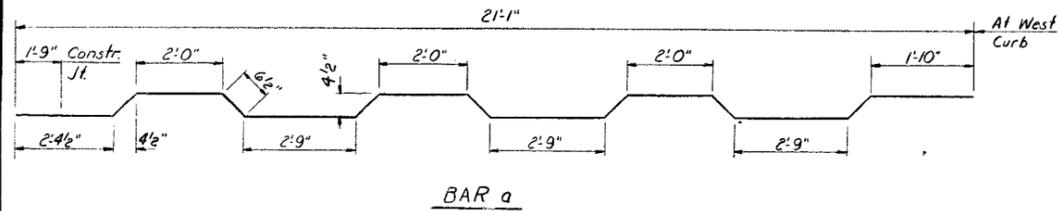
DETAIL D



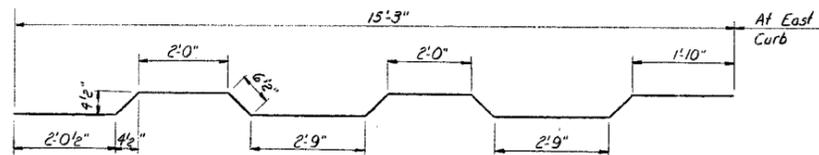
SEC. A-A
North Abut.



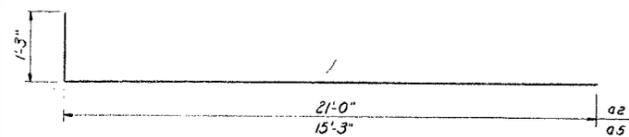
SEC. B-B
South Abut.



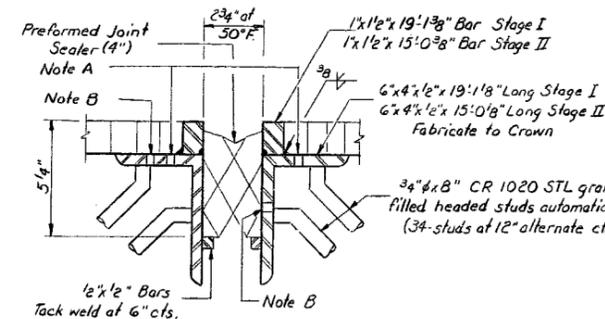
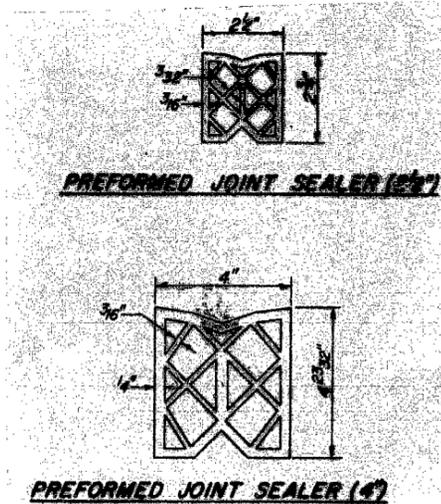
BAR a



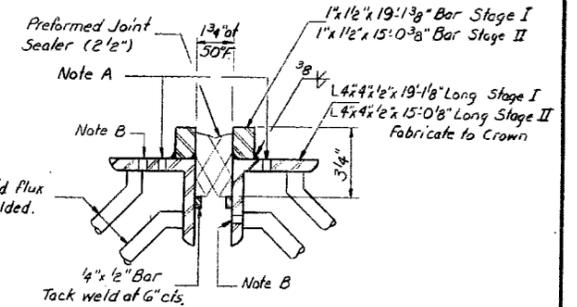
BAR a3



BARS a2 & a5



DETAIL A

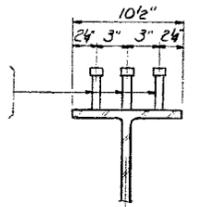


DETAIL B

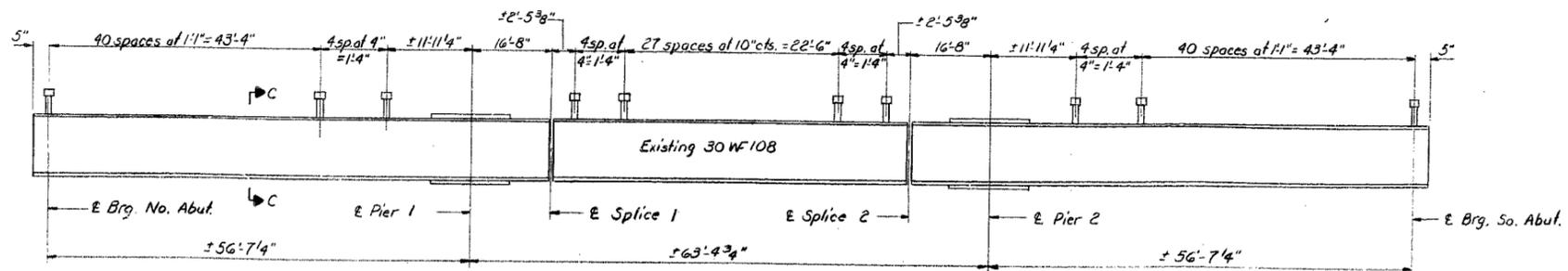
Note A: 7/16 inch vent holes at 12 inch cts. set on 1 5/8 inch gage line.

Note B: 7/16 inch holes of 12 inch cts. for 3/8 inch bolts set on 2 1/2 inch gage line. All bolts shall be burned, sawed or clipped off flush with back of angles after forms are removed.

3/4 x 4 inch CR 1020 STL granular or solid flux filled headed studs automatically end welded.



SEC. C-C

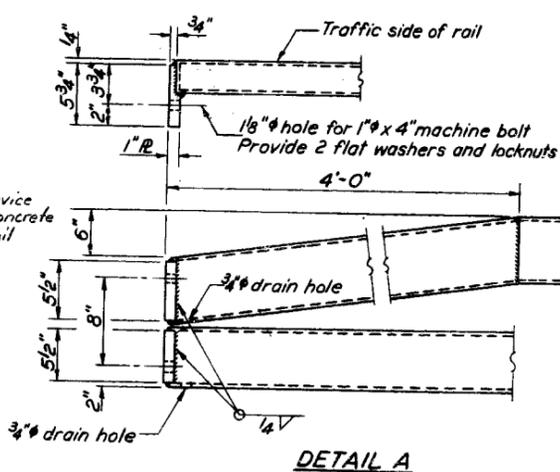
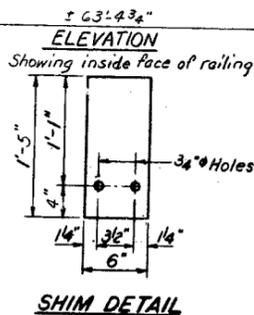
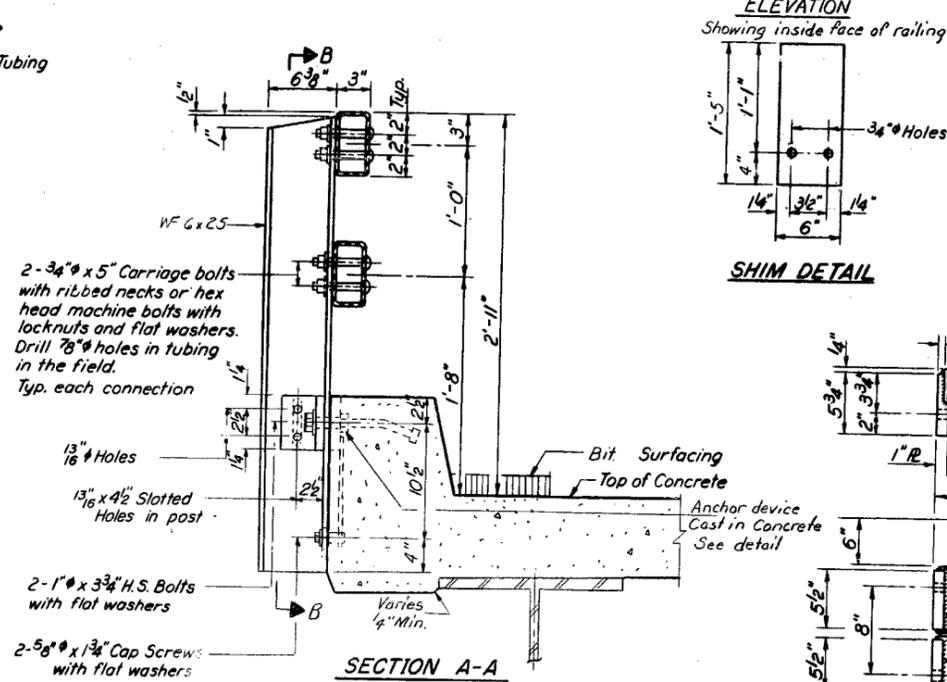
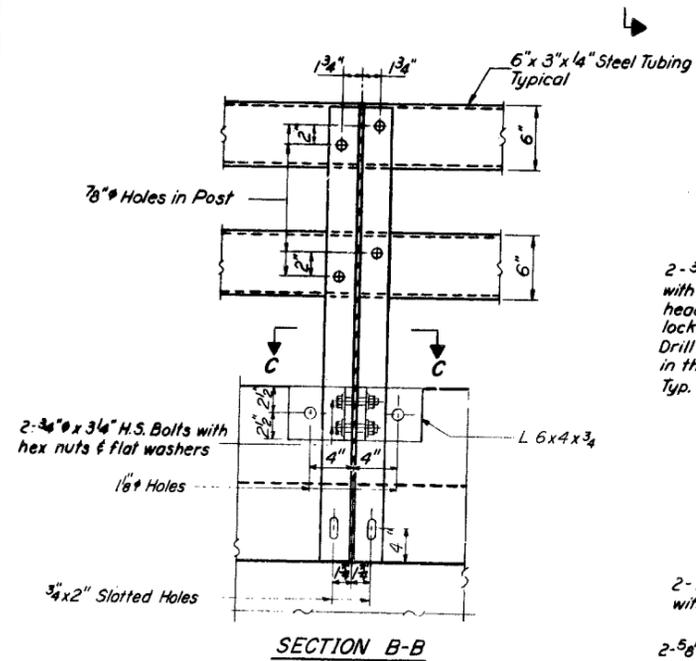
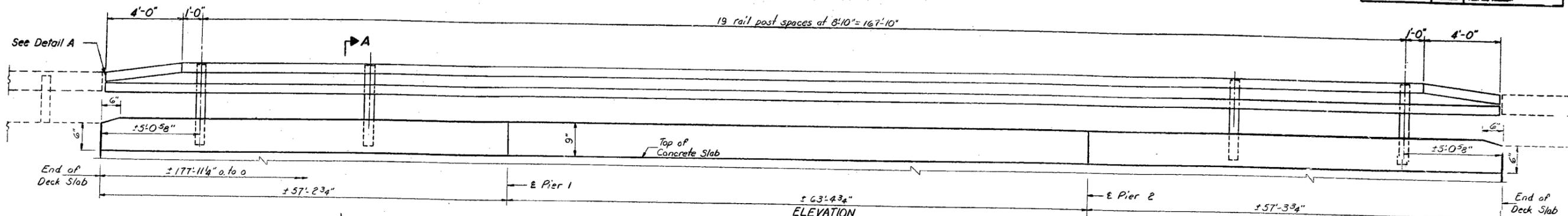


SHEAR STUD CONNECTORS SPACING
ELEVATION

DESIGNED	A. Y. Khayat
CHECKED	J. J. Houch
DRAWN	S. E. Lindsey
CHECKED	J. J. Houch

EXAMINED	Aug 26 1971
PASSED	
APPROVED	

SUPERSTRUCTURE DETAILS
SBI. RT. 70A SEC. III-VBR
LASALLE COUNTY
STA. 700+51.08



NOTES

Hollow structural steel tubing shall conform to the requirements of ASTM designation A-501 "Hot Formed Welded and Seamless Carbon Steel Structural Tubing."

All other steel shapes and plates shall conform to the requirements of ASTM designation A-36 except posts shall conform to ASTM A-441.

Bolts, cap screws, and nuts shall conform to the requirement of ASTM designation A-307 except for high strength bolts, nuts and washers noted which shall conform to ASTM designation A-325.

All bolts, nuts, cap screws, washers and lock washers shall be galvanized in accordance with ASTM designation A-153.

All posts, railing, rail splices, anchor devices and angles shall be galvanized after shop fabrication in accordance with ASTM designation A-123 and A-385. Galvanized rail shall not be painted.

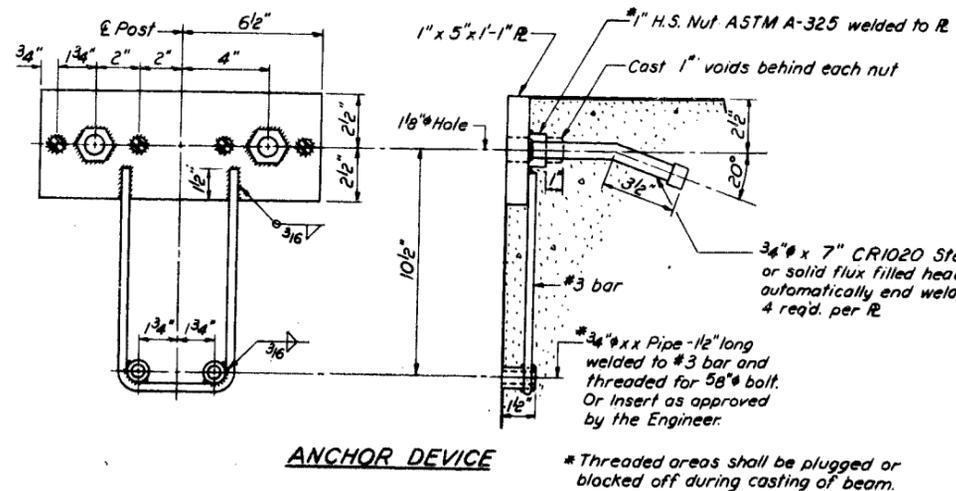
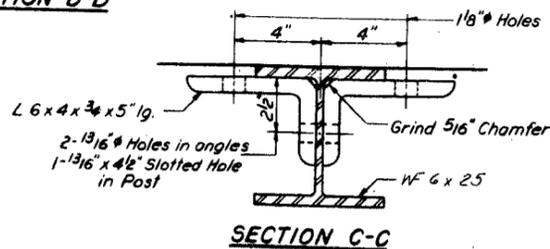
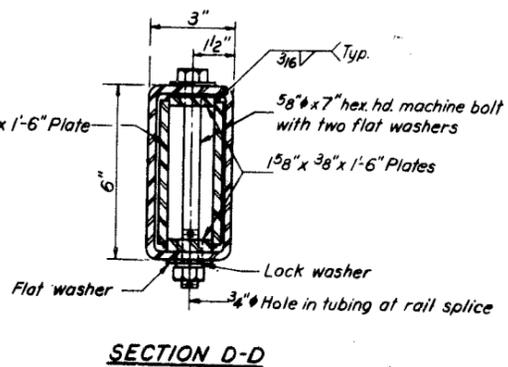
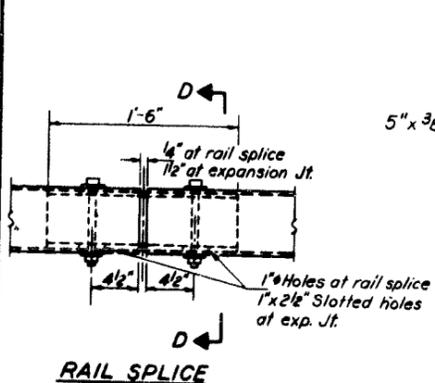
Railing shall be in accordance with Section 508 of the Standard Specifications, except as noted, and shall be paid for at the contract unit price per lineal foot for STEEL RAILING, TYPE N

All field drilled holes shall be coated with an approved zinc rich paint before erection.

The lower portion of the post flange in contact with concrete shall receive two coats of asphalt paint conforming to Section 714.08 Type B or place 1/2" fabric bearing pad between the post and concrete.

The 3/4" high strength bolts used to connect the 6 x 4 x 3/4 angles to the post shall be tightened in accordance with Article 710.11 of the Standard Specifications. The 1" high strength bolts connecting the angles to the concrete slab shall be tightened to a snug fit and given an additional 1/2 turn.

For multi-span bridges, sufficient 1/4" x 6" x 1-4" galvanized steel shims shall be provided to align rail between adjacent spans. Cast incidental to Steel Railing.



BILL OF MATERIAL

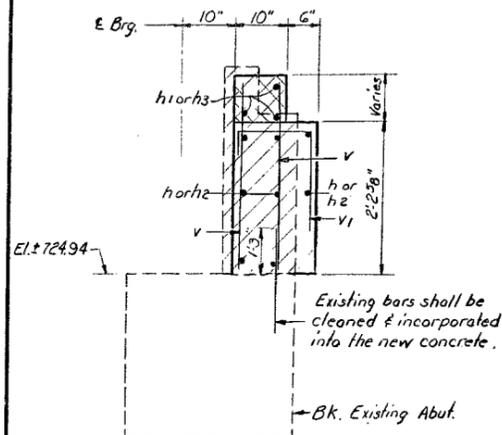
Item	Unit	Quantity
STEEL RAILING, TYPE N	Lin. Ft.	356

TYPE N STEEL RAILING
SBI. RT. 70A SEC III-VBR
LASALLE COUNTY
STA. 700+51.08

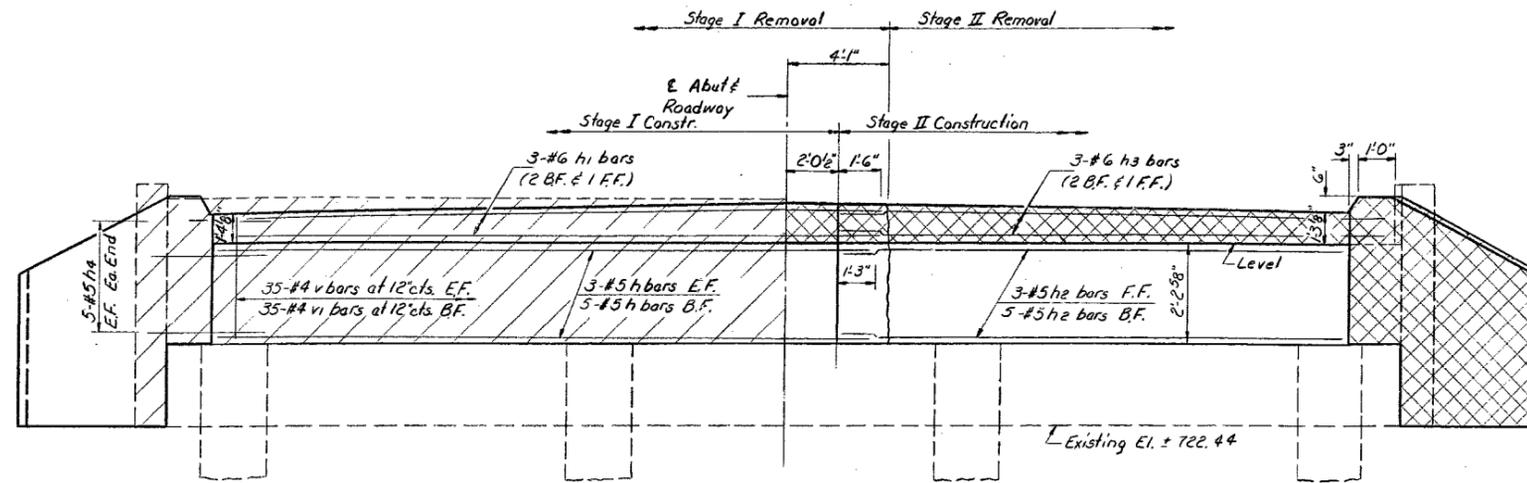
DESIGNED A.Y. Khayyat
CHECKED J. J. Hensch
DRAWN S.E. Lindsey
CHECKED J. J. Hensch

EXAMINED [Signature] Aug 26 1971
PASSED [Signature]
APPROVED [Signature]

(9'-0" Max. Post Spacing)

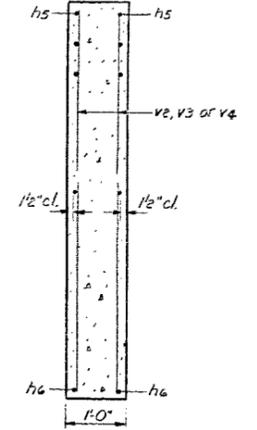


SEC. A-A

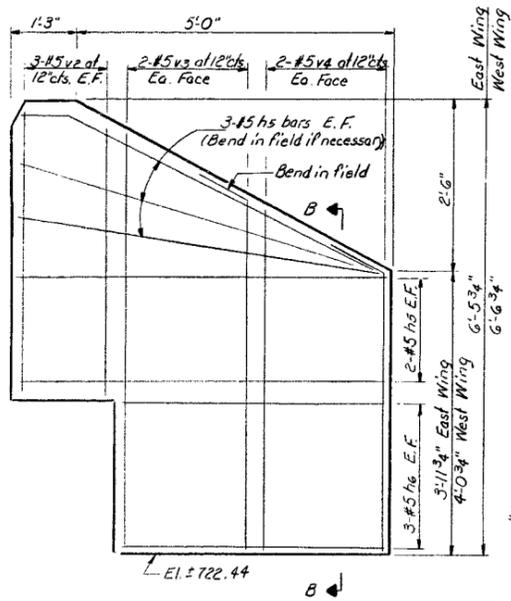


ELEVATION
Looking North

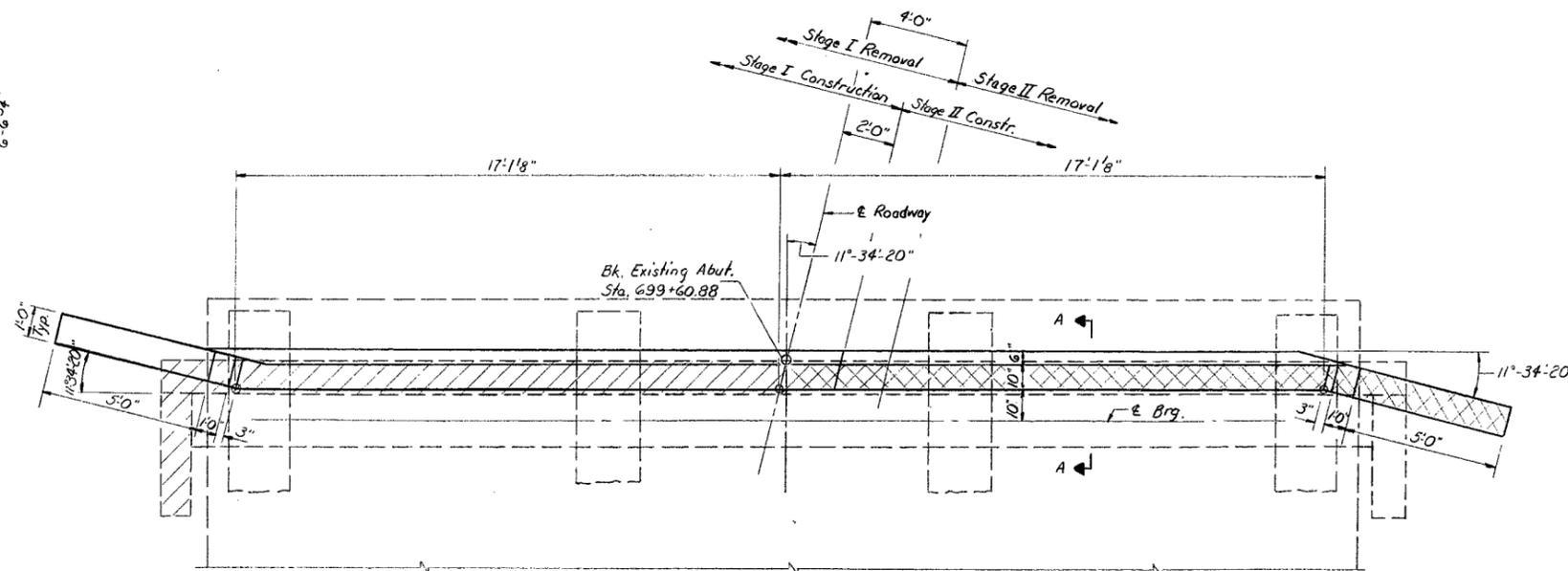
Notes:
Cross hatched area shall be poured after superstructure forms have been removed.
All edges shall have standard 3/4" chamfers except as noted.
Hatched area to be removed.



SEC. B-B



WING WALL ELEVATION

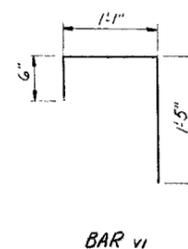
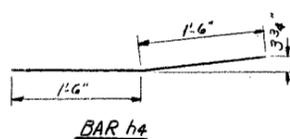


PLAN

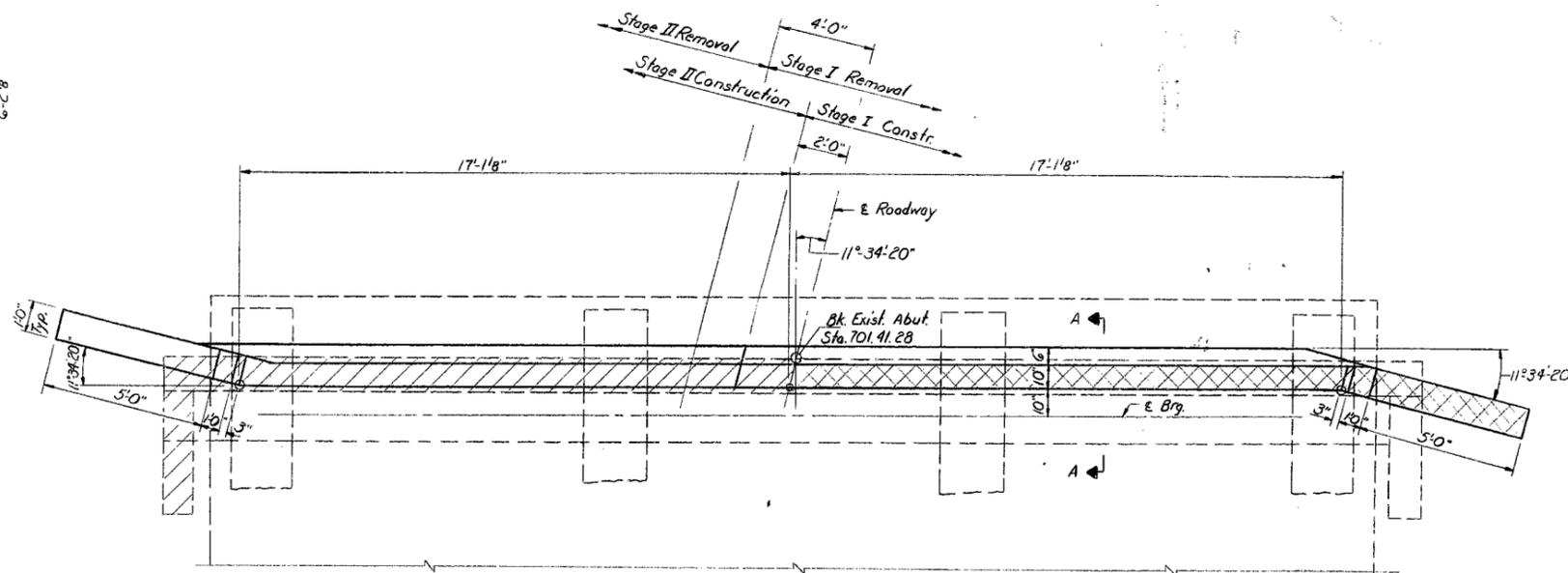
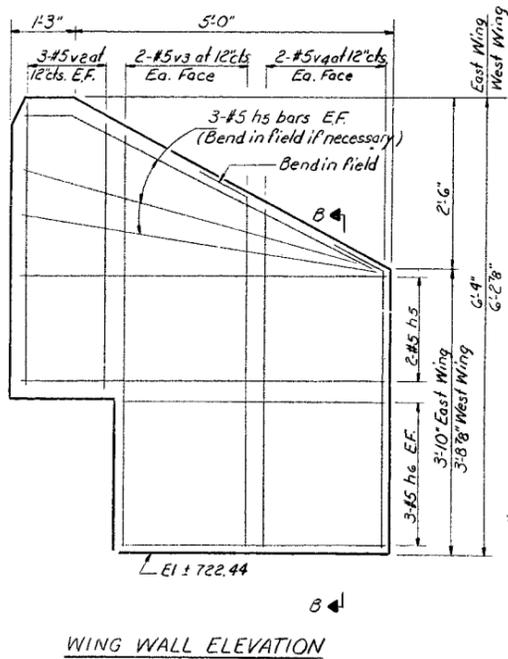
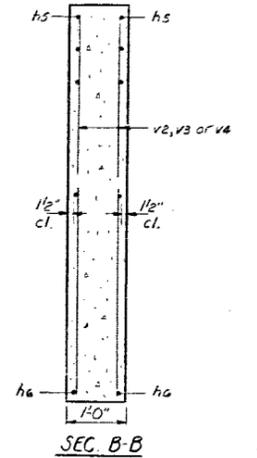
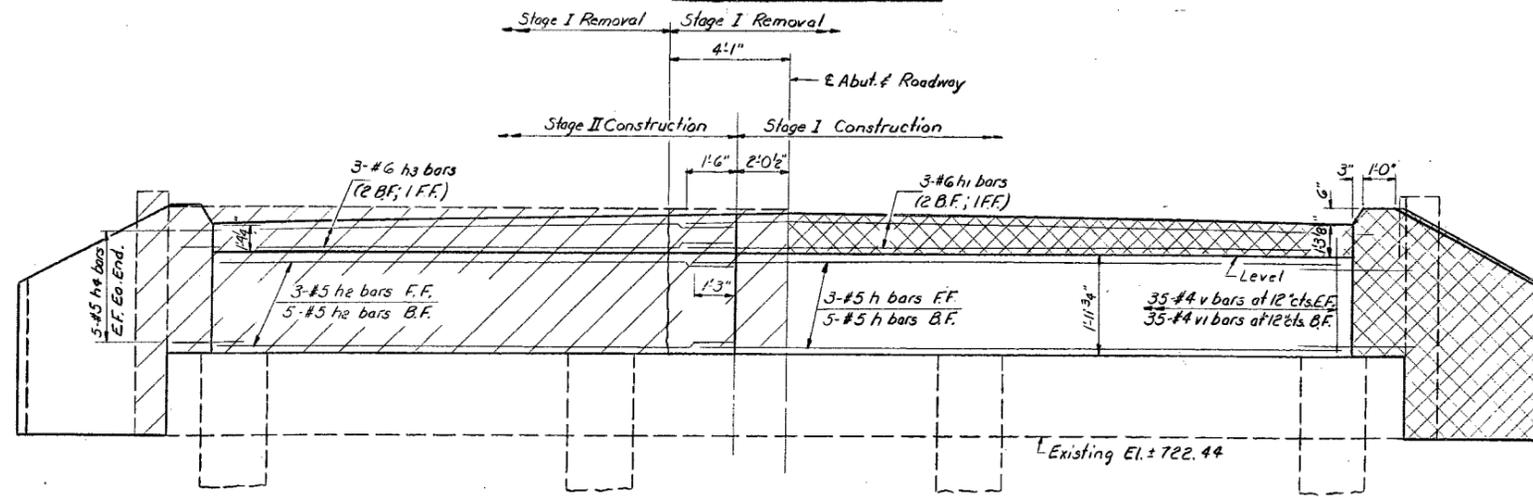
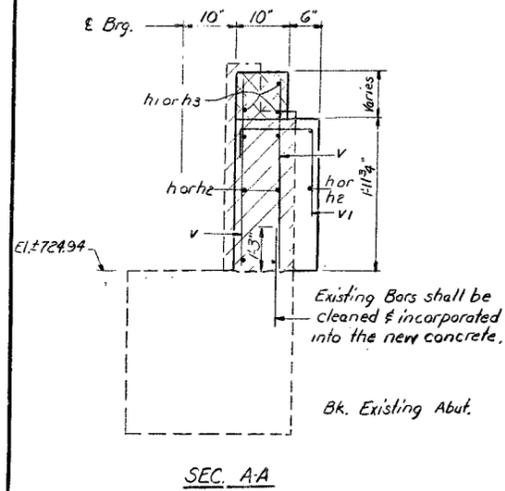
BILL OF MATERIAL				
Bar	No.	Size	Length	Shape
h	8	#5	20'-3"	—
h1	3	#6	21'-3"	—
h2	8	#5	14'-11"	—
h3	3	#6	16'-0"	—
h4	20	#5	3'-0"	—
h5	20	#5	6'-0"	—
h6	12	#5	4'-2"	—
v	70	#4	3'-2"	—
v1	35	#4	3'-0"	┘
v2	12	#5	3'-8"	—
v3	8	#5	5'-2"	—
v4	8	#5	4'-2"	—
Class X Concrete		Cu. Yds.	6.0	
Reinforcement Bars		Lbs.	1040	
Concrete Removal		Cu. Yds.	6	

DESIGNED *S.E. Lindsey*
 CHECKED *S.E. Lindsey*
 DRAWN *S.E. Lindsey*
 CHECKED *S.E. Lindsey*

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



NORTH ABUTMENT
 S.B.I. ROUTE 70A SEC. III VBR
 LA SALLE COUNTY
 STA. 700+51.08



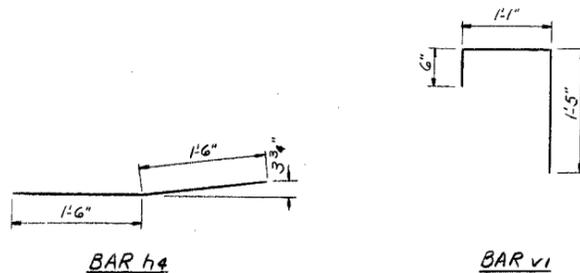
Notes:
Cross hatched area to be poured after superstructure forms have been removed.
All edges shall have standard 3/4" chamfers except as noted.
Hatched area to be removed.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	8	#5	20'-3"	
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h2	8	#5	14'-11"	
h3	3	#6	16'-0"	
h4	20	#5	3'-0"	
h5	20	#5	6'-0"	
h6	12	#5	4'-2"	
v	70	#4	3'-2"	
v1	35	#4	3'-0"	
v2	12	#5	3'-8"	
v3	8	#5	5'-2"	
v4	8	#5	4'-2"	
Class X Concrete				Cu. Yds. 5.4
Reinforcement Bars				Lbs. 1040
Concrete Removal				Cu. Yds. 6

DESIGNED *A. J. Chaikyat*
 CHECKED *L. J. Hensch*
 DRAWN *S.E. Lindsey*
 CHECKED *L. J. Hensch*

EXAMINED *[Signature]*
 PASSED
 APPROVED *[Signature]*
 AUG 26 1971
 ENGINEER OF DESIGN
 CHIEF HIGHWAY ENGINEER



SOUTH ABUTMENT
 S.B.I. ROUTE 70A SEC. III-VBR
 LASALLE COUNTY
 STA. 700+51.08

02 JUN 2015 09:11:32Z AOT AITB2 2 BIR 2 02 JUN 2015 09:11:32Z

±

697
+
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720

696
+
00
715

695
+
00
710

694
+
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710

693
+
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705

692
+
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691
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705

690
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705

689
+
00
705

GUARDRAIL
STARTS STA. 694+00
LEFT

20'
TO FACE OF
GUARDRAIL FROM E.

F.E. STA. 692+01 RT.

IMPROVEMENT BEGINS STA. 692+00

TAPER BEGINS STA. 690+00

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70A	111	LASALLE	16	13

725
698 ±
00

20' TO FACE OF
GUARDRAIL FROM E
(TYPICAL)

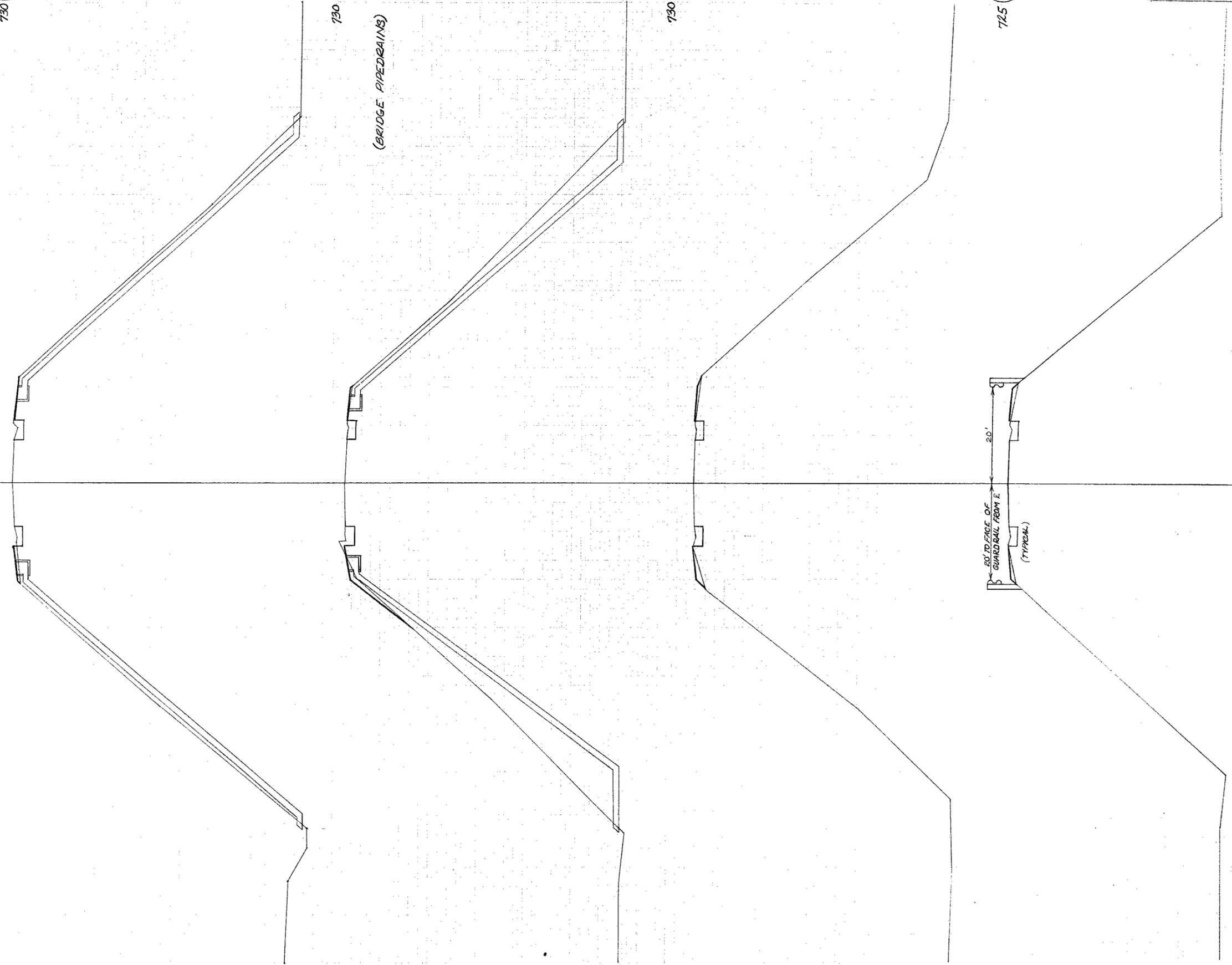
730
699 ±
00

730
699 ±
58

(BRIDGE PIPEDRAINS)

730
701 ±
49

±



WORK SHEET NO.	SECTION	PLANTY	TOTAL SHEETS	SHEET
70A	VBR	LASALLE 16	15	15
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

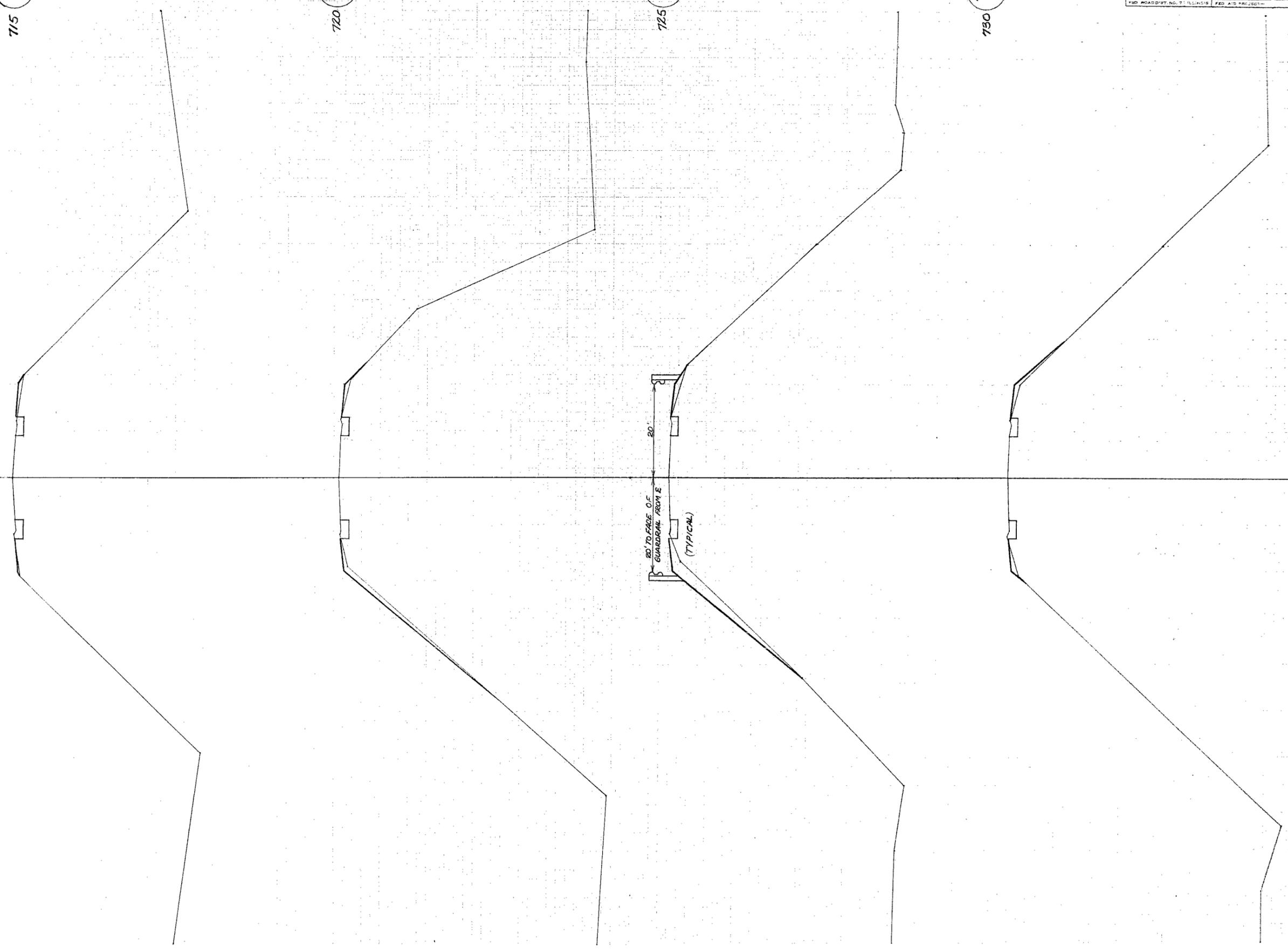
702
+
00

709
+
00

720
+
00

715
+
00

±



TAPER ENDS STA. 712+00

700
+
00
712
+
00

P.E. STA. 711+75 RT.

700
+
00
711
+
27

F.E. STA. 710+89 LT.

F.E. STA. 710+25 LT.

700
+
00
710
+
23

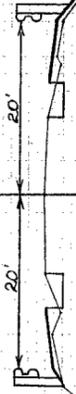
IMPROVEMENT ENDS
STA. 710+00

SIDE ROAD RT.
STA. 709+89

700
+
00
709
+
89

GUARDRAIL ENDS STA. 709+50 LT. RT.

700
+
00
709
+
00



705
+
00
708
+
00

705
+
00
707
+
00

710
+
00
706
+
00

SECTION	COUNTY	TOTAL	DATE
70A	LA SALLE	1.6	5