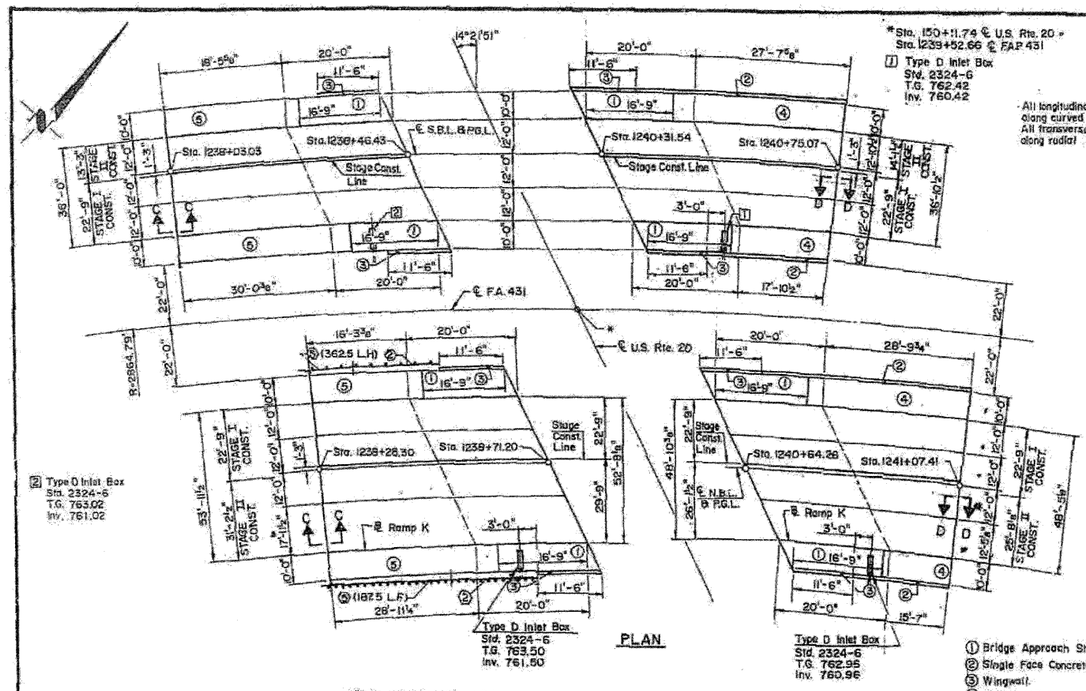
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 431	*	DU PAGE	601	203
FED. ROAD DIST. NO. 1	ILLINOIS	PROJECT		

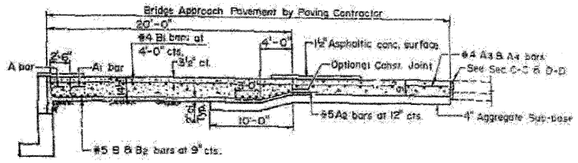
* 22(1,5,5-1)HF,S) 22(1 & 5-1)HF
22(HB-5,8 & SHB-1)BY(BS)



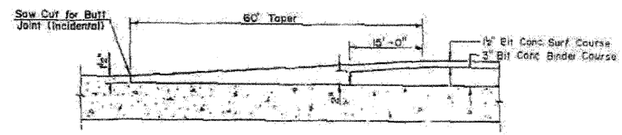
GENERAL NOTES

See BRIDGE APPROACH PAVEMENT (Std. 2360-3) for Transverse Cross Section (Sections A-A & B-B), bar spacing, and longitudinal Joint Detail.

Note: Tilt hook of #9 bars for min. 3½" cl. Use 1'-4" min. lap for #4 bars. Use 1'-8" min. lap for #5 bars.

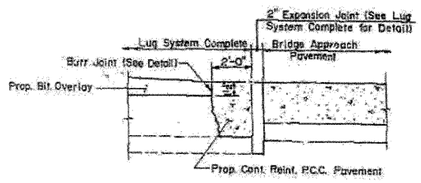


LONGITUDINAL CROSS SECTION

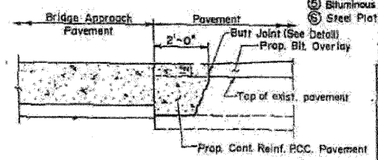


DETAIL: BUTT JOINT & TAPER ON P.C.C. PAV'T

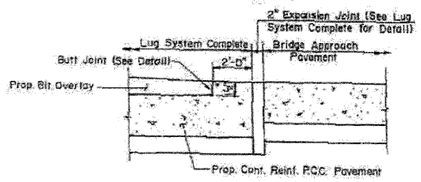
① Bridge Approach Shoulder Pavement (Standard 2324-6).
② Single Face Concrete Barrier (Standard 2333-3).
③ Wingwall.
④ Portland Cement Concrete Shoulder
⑤ Bituminous Shoulder
⑥ Steel Plate Beam Guardrail



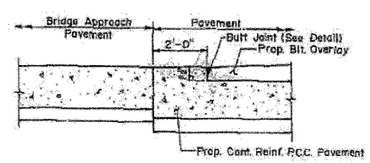
SECTION C-C
Existing Lanes



SECTION D-D
Existing Lanes



SECTION C-C
Add Lanes



SECTION D-D
Add Lanes

WEST APPROACH - S.B.L. BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
A	44	#9	17'-0"	
A1	31	#9	10'-3"	
A2	44	#5	10'-0"	
A3	126	#4	19'-9"	
A4	32	#4	12'-0"	
B	27	#5	25'-9"	
B1	35	#4	11'-6"	
B2	27	#5	13'-6"	
Reinforcement Bars			Lbs.	7380
Bridge Approach Pav't. Special			Sq.Yd.	177.0
P.C.Conc. Bridge Appr.Shldr.Pav't.			Sq.Yd.	58.4

EAST APPROACH - S.B.L. BILL OF MATERIAL

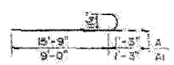
BAR	NO.	SIZE	LENGTH	SHAPE
A	45	#9	17'-0"	
A1	32	#9	10'-3"	
A2	45	#5	10'-0"	
A3	129	#4	19'-9"	
A4	32	#4	9'-9"	
B	27	#5	25'-9"	
B1	34	#4	11'-6"	
B2	27	#5	14'-3"	
Reinforcement Bars			Lbs.	7470
Bridge Approach Pav't. Special			Sq.Yd.	173.1
P.C.Conc. Bridge Appr.Shldr.Pav't.			Sq.Yd.	58.4

WEST APPROACH - N.B.L. BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
A	60	#9	17'-0"	
A1	47	#9	10'-3"	
A2	60	#5	10'-0"	
A3	186	#4	19'-9"	
A4	47	#4	12'-6"	
B	27	#5	25'-9"	
B1	57	#4	11'-6"	
B2	27	#5	31'-6"	
Reinforcement Bars			Lbs.	10,510
Bridge Approach Pav't. Special			Sq.Yd.	252.4
P.C.Conc. Bridge Appr.Shldr.Pav't.			Sq.Yd.	58.4

EAST APPROACH - N.B.L. BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
A	56	#9	17'-0"	
A1	43	#9	10'-3"	
A2	56	#5	10'-0"	
A3	170	#4	18'-9"	
A4	43	#4	13'-0"	
B	27	#5	25'-9"	
B1	45	#4	11'-6"	
B2	27	#5	26'-9"	
Reinforcement Bars			Lbs.	9660
Bridge Approach Pav't. Special			Sq. Yd.	225.1
P.C.Conc. Bridge Appr.Shldr.Pav't.			Sq.Yd.	58.4



BARS A & A1

BAR A2

FAP 431 (ILLINOIS ROUTE) OVER U.S. ROUTE

BRIDGE APPROACH PAVEMENT

EXISTING PLAN INFORMATION 2 OF 13
STRUCTURE NO. 022-0112

FOR INFORMATION ONLY

benesch
alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10050

SHEET NO. 17	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
28 SHEETS	290/355	22(1, 1-1, 2&3)RS-7	DUPAGE	546	490
			CONTRACT NO. 60G51		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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