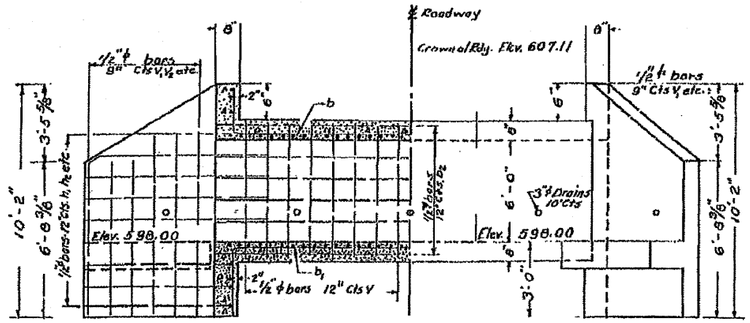
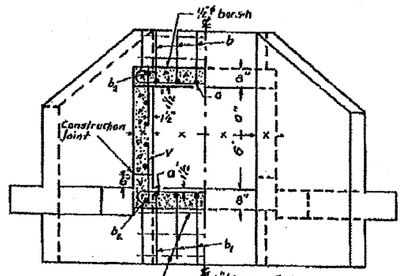
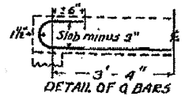
22' P.C.C. PAVEMENT 0.10' CROWN
21' ROADWAY RT. 0.50' DROP CROWN TO SHOULDER
23.22' ROADWAY LT. 0.60 DROP CROWN TO SHOULDER
SLOPE 3:1 SHOULDER TO BACK OF HEADWALL
SLOPE 2:1 BACK OF HEADWALL TO FLOW LINE



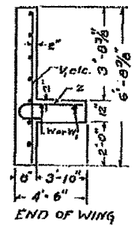
HALF LONGITUDINAL SECTION SIDE ELEVATION HALF ELEVATION



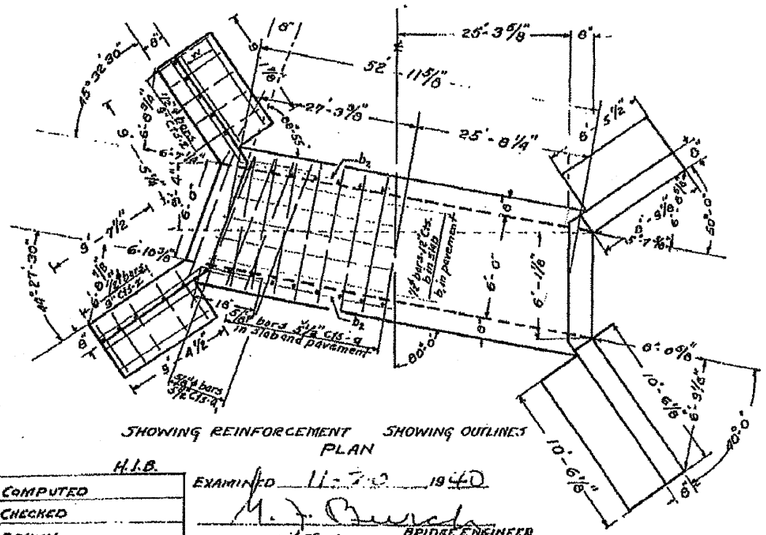
HALF SECTION HALF ELEVATION
END ELEVATION



DETAIL OF Q BARS



END OF WING



SHOWING REINFORCEMENT SHOWING OUTLINES
PLAN

Class X concrete shall be used throughout
All reinforcing steel shall be wired securely in place before the concrete is poured.

BILL OF MATERIAL

Bars	Number	Size	Length	
a	230	5/8" ϕ	8'-9"	
a1	6	5/8" ϕ	9'-0"	
b	12	1/2" ϕ	29'-0"	
b1	12	1/2" ϕ	30'-9"	
b2	36	1/2" ϕ	28'-6"	
h	10	1/2" ϕ	7'-0"	
h1	7	1/2" ϕ	11'-0"	L.S.W.
h2	1	1/2" ϕ	9'-0"	L.S.W.
h3	1	1/2" ϕ	6'-6"	L.S.W.
h4	1	1/2" ϕ	4'-0"	L.S.W.
h5	2	1/2" ϕ	11'-3"	L.L.W.
h6	1	1/2" ϕ	9'-6"	L.L.W.
h7	1	1/2" ϕ	6'-9"	L.L.W.
h8	1	1/2" ϕ	4'-0"	L.L.W.
h9	2	1/2" ϕ	10'-3"	R.S.W.
h10	1	1/2" ϕ	8'-9"	R.S.W.
h11	1	1/2" ϕ	6'-3"	R.S.W.
h12	1	1/2" ϕ	3'-9"	R.S.W.
h13	2	1/2" ϕ	12'-0"	R.L.W.
h14	1	1/2" ϕ	10'-3"	R.L.W.
h15	1	1/2" ϕ	7'-3"	R.L.W.
h16	1	1/2" ϕ	4'-3"	R.L.W.
V	108	1/2" ϕ	7'-0"	
V1	3	1/2" ϕ	9'-6"	L.S.W.
V2	2	1/2" ϕ	8'-9"	L.S.W.
V3	2	1/2" ϕ	8'-3"	L.S.W.
V4	2	1/2" ϕ	7'-9"	L.S.W.
V5	2	1/2" ϕ	7'-3"	L.S.W.
V6	2	1/2" ϕ	6'-3"	L.S.W.
V7	2	1/2" ϕ	5'-6"	L.L.W.
V8	2	1/2" ϕ	6'-9"	L.L.W.
V9	2	1/2" ϕ	6'-3"	L.L.W.
V10	2	1/2" ϕ	7'-3"	L.L.W.
V11	2	1/2" ϕ	7'-3"	L.L.W.
V12	2	1/2" ϕ	6'-9"	L.L.W.
V13	2	1/2" ϕ	5'-6"	R.S.W.
V14	1	1/2" ϕ	5'-3"	R.S.W.
V15	2	1/2" ϕ	0'-9"	R.S.W.
V16	2	1/2" ϕ	6'-3"	R.S.W.
V17	2	1/2" ϕ	7'-6"	R.S.W.
V18	2	1/2" ϕ	7'-0"	R.S.W.
V19	1	1/2" ϕ	6'-9"	R.S.W.
V20	3	1/2" ϕ	9'-6"	R.L.W.
V21	2	1/2" ϕ	9'-0"	R.L.W.
V22	2	1/2" ϕ	8'-6"	R.L.W.
V23	2	1/2" ϕ	8'-0"	R.L.W.
V24	2	1/2" ϕ	7'-6"	R.L.W.
V25	2	1/2" ϕ	7'-0"	R.L.W.
V26	1	1/2" ϕ	6'-3"	R.L.W.
W	2	1/2" ϕ	8'-3"	R.S.F.
W1	2	1/2" ϕ	10'-3"	R.L.F.
W2	2	1/2" ϕ	9'-0"	L.S.F.
W3	2	1/2" ϕ	9'-3"	L.L.F.
Z	32	1/2" ϕ	5'-0"	

Reinforcing Steel Lbs. 4760
Class X concrete Cu Yds. 49.7

STATION 148+17.5
FA.RT. 975 SEC. 5
LASALLE COUNTY

H.I.B.

STANDARD	COMPUTED	
	CHECKED	
	DRAWN	
SPECIAL	CHECKED	
	ASSEMBLED - J.J. Conley	
	CHECKED - J.F. Herlihy	

EXAMINED 11-7-40 1940
M.J. Duncan BRIDGE ENGINEER
PASSED ENGINEER OF DESIGN
APPROVED CHIEF HIGHWAY ENGINEER

FILE NAME = c:\pw_work\PWIDOT\DUNCANBD\dms31838\ep62586-sht-details.DGN	USER NAME = duncanbd	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Dec 08, 2009 - 11:22:45 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SN 050-2559
FOR INFORMATION ONLY

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(5)N	LASALLE	39	25
		CONTRACT NO. 66587		
	ILLINOIS FED. AID PROJECT			