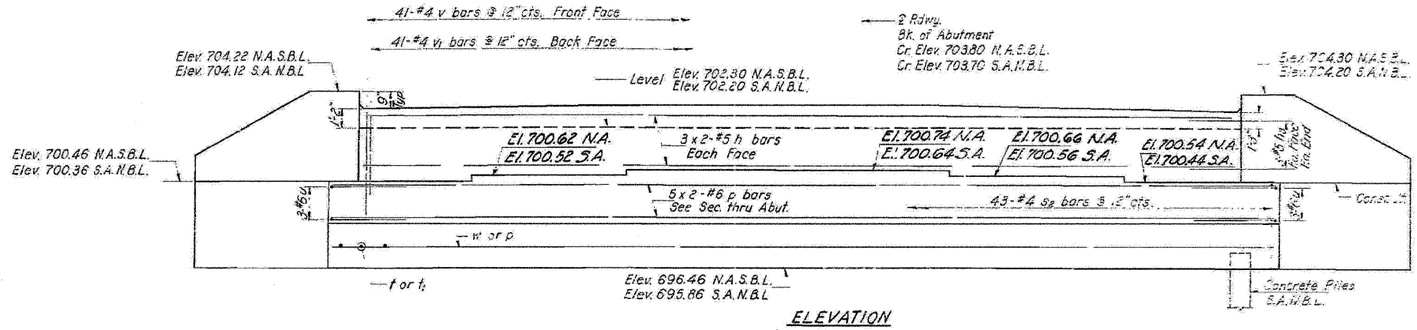
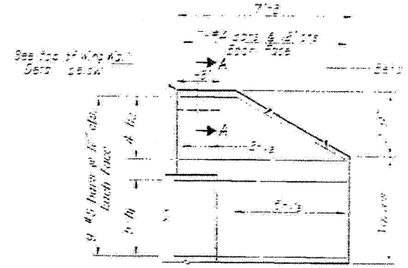
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SHEET NO. 2 OF 12 SHEETS
I.-57 & IROQUOIS CO. 34
$ 38.22

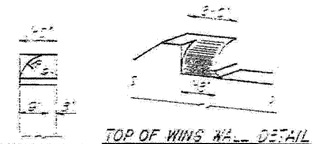


ELEVATION

N.A.S.B.L. = North Abut. South Bound Lanes
S.A.N.B.L. = South Abut. North Bound Lanes

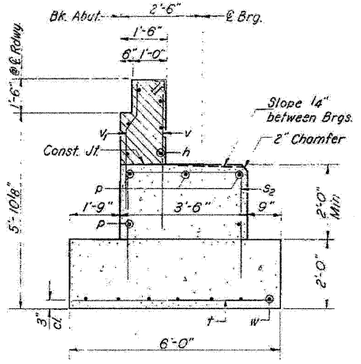


WING WALL ELEVATION

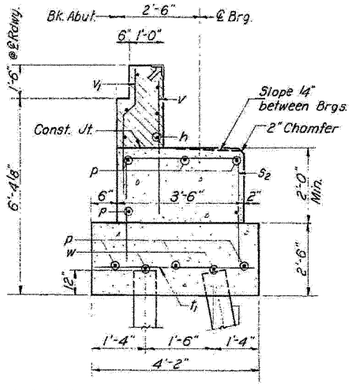


SECTION A-A

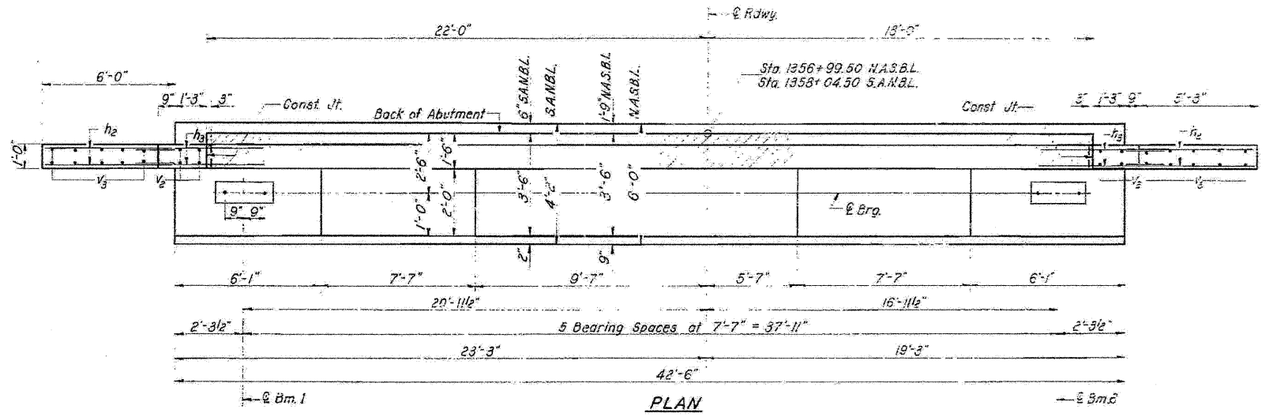
TOP OF WING WALL DETAIL



SECTION THRU N. ABUTMENT S. B. LANES



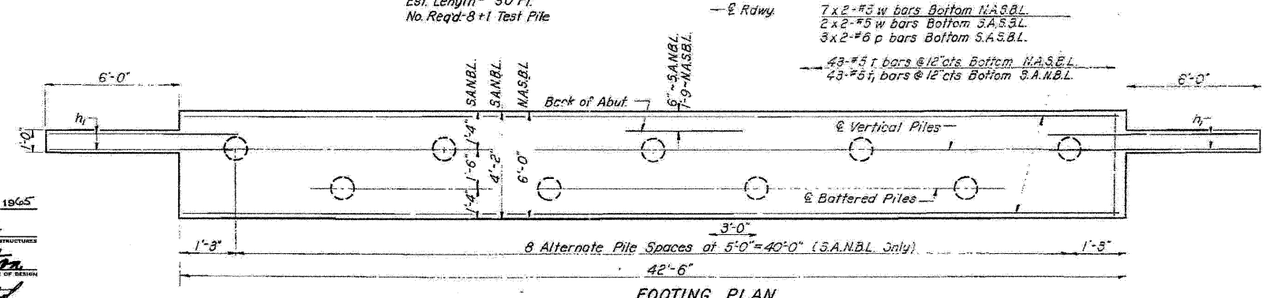
SECTION THRU S. ABUTMENT N.B. LANES



PLAN

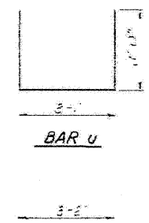
Note:
Hatched area to be poured after superstructure is in place. Class X Concrete included with Superstructure.

PILE DATA ~ S. ABUT. N.B. LANES
Type - Concrete
Capacity - 30 Tons
Est. Length - 30 Ft.
No. Reqd - 8 + 1 Test Pile

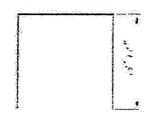


FOOTING PLAN
Piles required in S. Abut. N.B. Lanes only

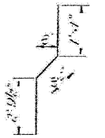
Max. Soil Pressure = 1.2 Tons/sq. ft. N. Abut. S.B. Lanes



BAR u



BAR s2



BAR v1

TWO ABUTMENTS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
f	24	#5	5'-7"	
f1	40	#5	5'-7"	
h	32	#5	7'-3"	
h1	24	#5	5'-3"	
h2	24	#5	5'-3"	
h3	16	#5	3'-3"	
p	26	#6	33'-5"	
s2	86	#4	3'-2"	
t	43	#5	5'-5"	
t1	43	#5	5'-5"	
v	12	#6	3'-1"	
v1	32	#4	4'-3"	
v2	32	#4	4'-3"	
v3	16	#4	2'-3"	
w	40	#3	2'-1"	
w1	16	#3	13'-1"	
Class X Concrete			Cu. Yds.	69.3
Reinforcement Bars			Lbs.	4661
Concrete Piles			Lin. Ft.	242
Test Piles (Concrete)			Each	1

FOR INFORMATION ONLY

S. ABUT. N.B. LANES &
N. ABUT. S.B. LANES
F.A.I. RT. 57 SEC. 38-8B
IROQUOIS COUNTY
STA. 1357+52

DESIGNED	I. Kaspar	EXAMINED	JUNE 7 1965
CHECKED	B. H.	PASSED	
DRAWN	I.K. J.L. Armstrong	APPROVED	
CHECKED	B.H.		

benesch
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Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 3938.09

FILE NAME = 0380222&0223_66948_040_Exist_Plan_8.dgn	USER NAME = rgrimm	DESIGNED - JLS	REVISED -
		CHECKED - AAY	REVISED -
	PLOT SCALE =	DRAWN - RMG	REVISED -
	PLOT DATE = 08\18\2011	CHECKED - KJN	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN INFORMATION (8 OF 9)
STRUCTURE NO. 038-0222/0223
SHEET NO. S40 OF S41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-8) BR & BR-1	IROQUOIS	73	55
		CONTRACT NO. 66948		
	ILLINOIS FED. AID PROJECT			

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