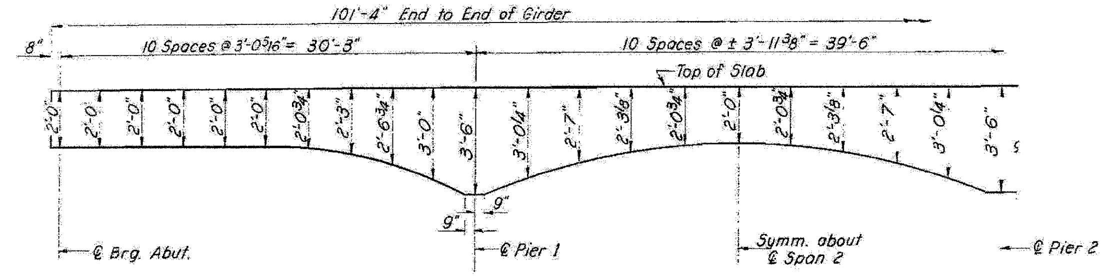
The Contractor shall determine the elevations of the bottom surface of each girder by subtracting the girder ordinates from the Top of Slab Elevations Adjusted for Dead Load Deflection given on sheet #4

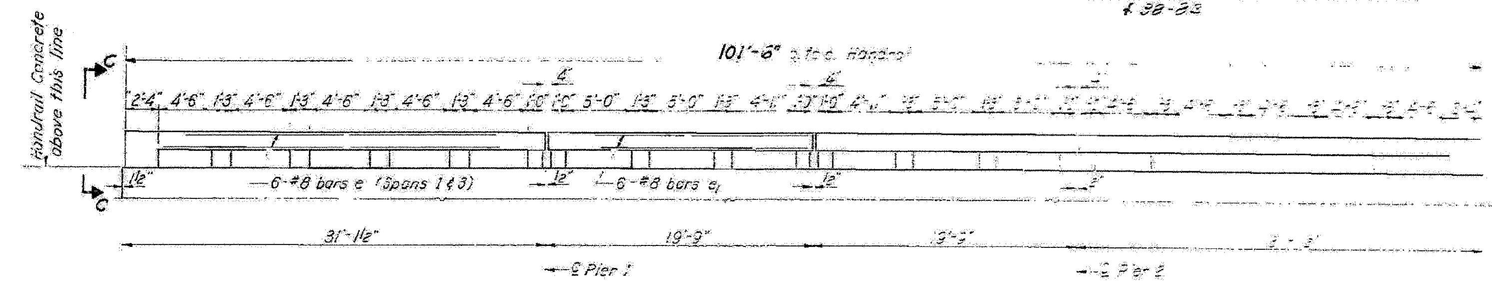
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SHEET NO. 2 OF 13 SHEETS
F.A.I. RT. 57 — IROQUOIS — 28 — # 38-8B

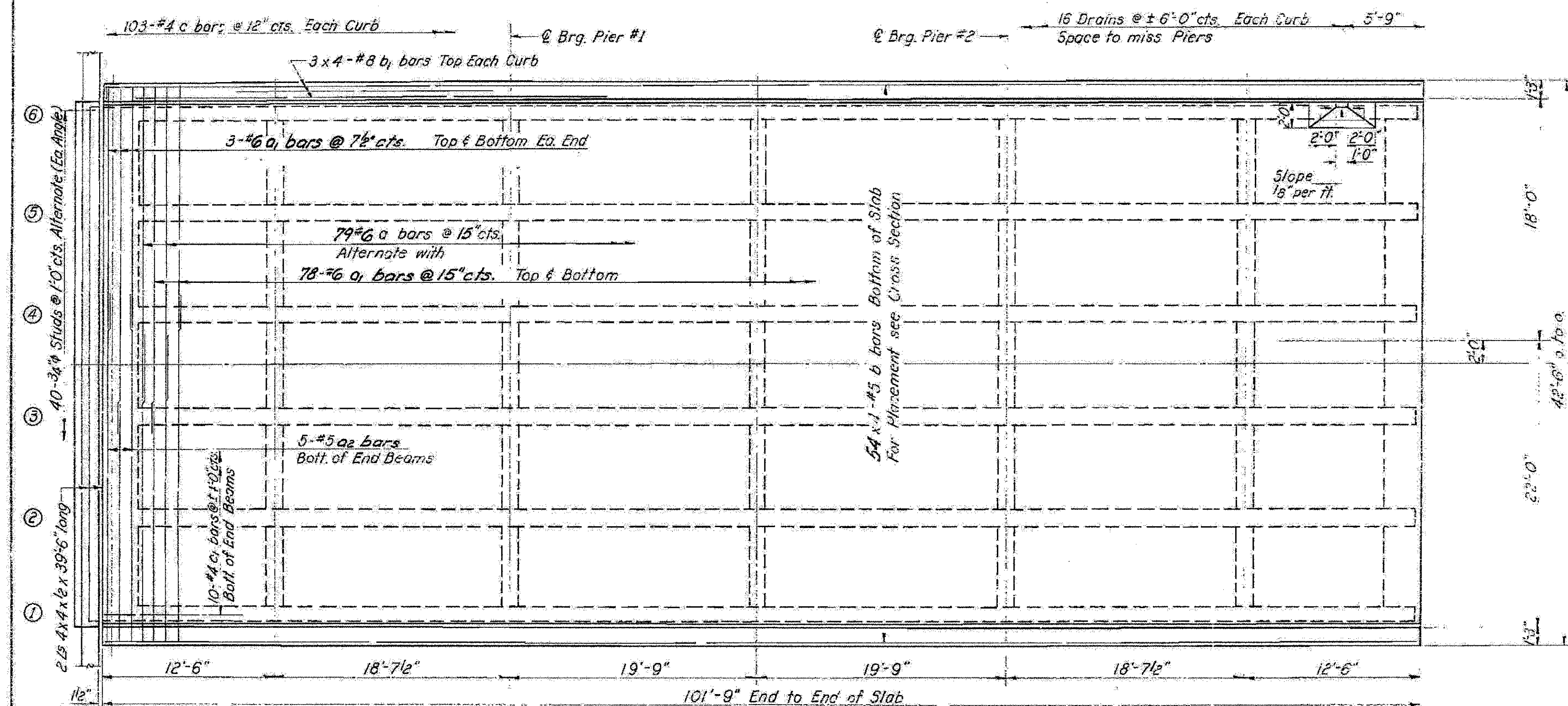


GIRDER ORDINATES (ALL GIRDERS)

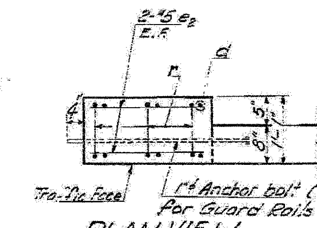
Note: For End of Slab Detail See Sheet #5



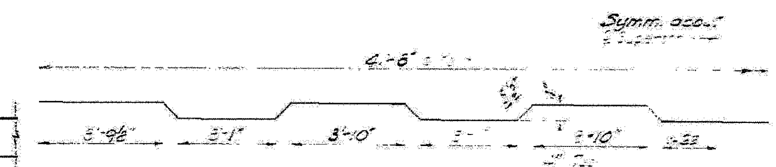
RAIL POST SPACING
(See Std. 2070 RC For Details)



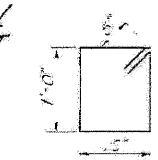
PLAN
South Bound Structure



PLAN VIEW
END POST

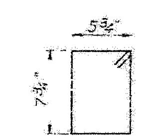


BAR a

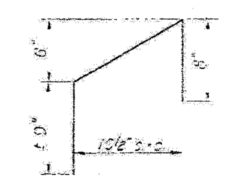


BAR c

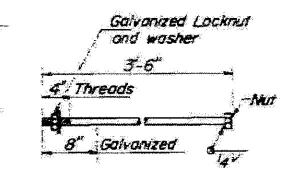
BAR d



BAR s



BAR r
2 per interior post
3 per end post

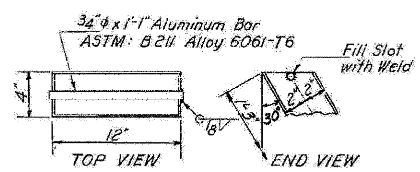


1" ф ANCHOR BOLT
(Cost Incidental to Bridge Structure)

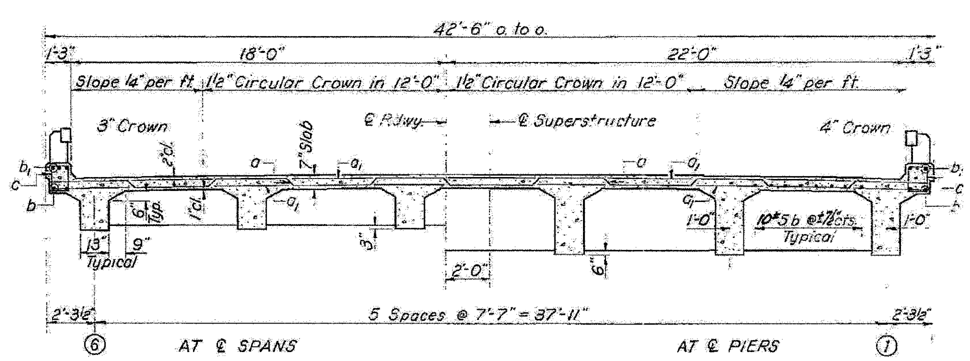
TWO SUPERSTRUCTURES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	58	#6	43-[illegible]	[illegible]
a	336	#6	4-0	[illegible]
a2	20	#5	36-0	[illegible]
c	432	#5	[illegible]	[illegible]
c	[illegible]	#3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	#3	3-6	[illegible]
e	48	#8	30-9	[illegible]
e1	43	#8	[illegible]	[illegible]
e2	32	#5	2-2	[illegible]
r	[illegible]	#4	[illegible]	[illegible]
s	732	#3	[illegible]	[illegible]
* Structural Steel		Lbs.	9,640	
Handrail Concrete		Cu. Yds.	2.5	
Class X Concrete		Cu. Yds.	354.6	
** Reinforcement Bars		Lbs.	22700	

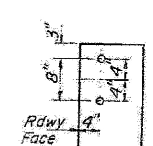
* Includes weight of expansion angles and bearing devices.
** Includes Bar List on sheet #3



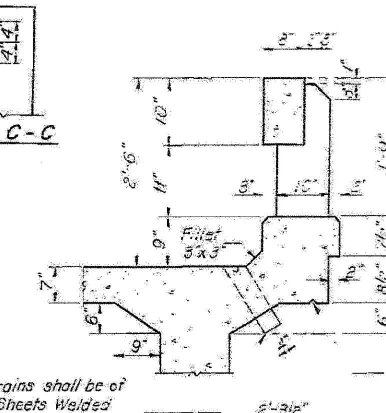
FLOOR DRAIN



CROSS SECTION
Looking South - S.B. Rdwy
Looking North - N.B. Rdwy



VIEW C - C



CURB DETAIL

4" x 12" Floor Drains shall be of 3/16" Aluminum Sheets Welded ASTM: B209 Alloy 6061-T6 Cost incidental to Class X Concrete

DESIGNED	I. Kaspar	
CHECKED	J. B. N.	
DRAWN	J. L. Armstrong	I.K.
CHECKED	J. B. N.	

June 7 1965
EXAMINED Carl E. Thunman Jr. — ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED W. J. Alton — ENGINEER OF DESIGN
APPROVED V. E. Staff — CHIEF HIGHWAY ENGINEER

Rev. 4/10/68 J.B.N. / I.K.

FOR INFORMATION ONLY

SUPERSTRUCTURE
F.A.I. RT. 57 SEC. 38-8B
IROQUOIS COUNTY
STA. 1357+52

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

FILE NAME = 0380222&0223_66948_034_Exist_Plan_2.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 (2 OF 9)
STRUCTURE NO. 038-0222/0223
SHEET NO. S34 OF S41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-8) BR & BR-1	IROQUOIS	73	49
		CONTRACT NO. 66948		

ILLINOIS FED. AID PROJECT

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