

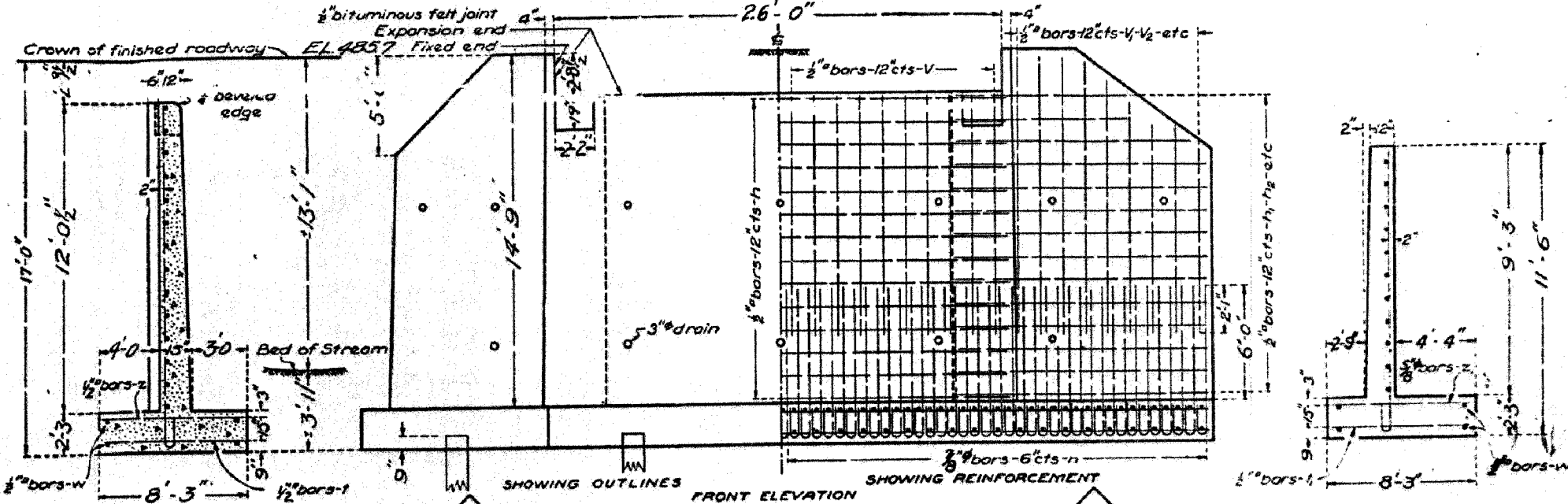
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
840	136 BR-1	IROQUOIS	45	22
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS  
**R.C. ABUTMENTS FOR GIRDER BRIDGE**  
HEIGHT OVER ALL 17 FEET

ROAD ISSUE ROUTE NO.	COUNTY	SEC.	TOTAL SHEETS	SHEET NO.
49	IROQUOIS	136-B	44	42

Sheet No. 2  
2 sheets

B.M. \*77-5+W in 15" Walnut L. 614+30-EL. 48280  
Existing Structure: 38'x19' steel span to be removed by contractor.



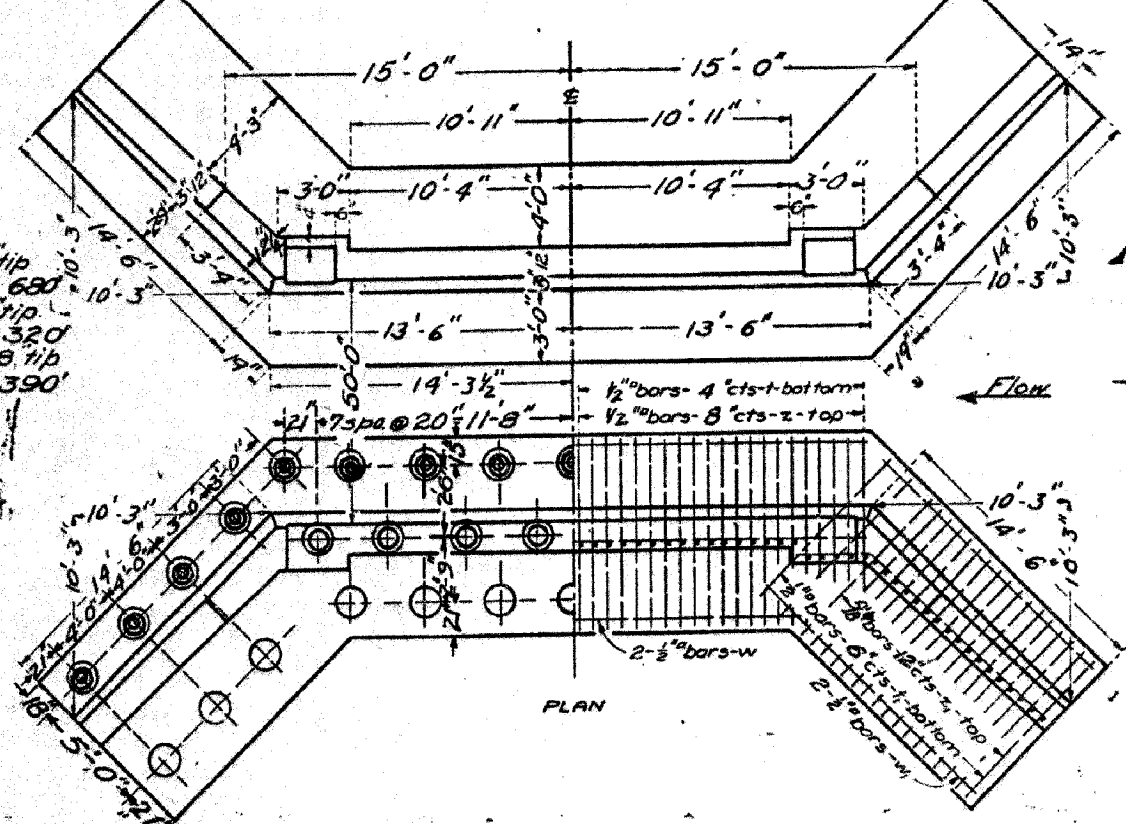
SECTION OF ABUTMENT

Class A concrete shall be used throughout. Proportions 1:2 1/2:4.  
All reinforcing steel shall be securely wired in place before concrete is poured.

- 15 Ton Untr. Piles-12" bull 10' tip  
34 Reqd. Est. length 690'
- 12 Ton Untr. Piles-12" bull 10' tip  
16 Reqd. Est. length 320'
- 10 Ton Untr. Piles-10" bull 8' tip  
26 Reqd. Est. length 390'

COMPUTED	-	W. J. B. B.
CHECKED	-	E. F. Boyd Bell
DRAWN	-	W. J. B. B.
CHECKED	-	H. W. Bush
SPECIAL	ASSEMBLED	-
	CHECKED	-

DRAWN Aug 19, 27  
W. J. B. B.  
PASSED  
H. W. Bush  
APPROVED  
W. J. B. B.



PLAN

END OF WING

Bars	No.	Size	Length
V	52	1/2"	8'-0"
V	16	1/2"	10'-6"
V	12	1/2"	9'-0"
V	12	1/2"	7'-6"
V	16	1/2"	6'-0"

n	24	1/2"	21'-0"
h	40	1/2"	16'-6"
h	8	1/2"	12'-0"

n	216	1/2"	9'-6"
t	172	1/2"	8'-0"
t	132	1/2"	8'-0"
z	86	1/2"	8'-0"
z	52	3/8"	8'-0"

Reinforcing Steel-Lb 9630  
Concrete-Class A-CuYd 132.2

SBI ROUTE 49-SEC. 136B  
IROQUOIS COUNTY  
Sta. 616 + 84.

1072

**FOR INFORMATION ONLY**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING BRIDGE PLANS**  
FAP RTE 840 (IL RTE 49)  
SECTION 136 BR-1  
IROQUOIS COUNTY

SCALE: VERT.  
HORIZ.  
DATE: 12/7/05

DRAWN BY: LANDREY  
CHECKED BY: BOTT

GREENE & BRADFORD, INC.  
OF SPRINGFIELD  
CONSULTING ENGINEERS  
PROFESSIONAL ENGINEERS  
REGISTERED IN ILLINOIS  
10170 84th St. Springfield, IL 62764  
(314) 792-8444 FAX (314) 792-8427

COMPUTER FILE NO.  
03236.W012.EPLN  
PROJECT 03236 W012  
12/7/05 - MML

PLOT DATE = 12/21/2005  
 FILE NAME = J:\83236\w012\drwg\03236.W012.EPLN.dgn  
 PLOT SCALE = 50.000000 / 1.00  
 PLOT DEVICE = PLOTTER  
 OPERATOR = mchellie