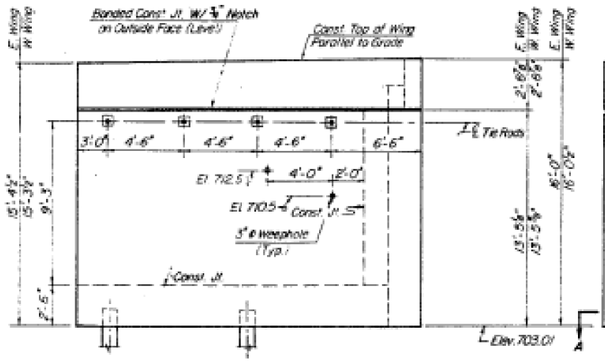
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

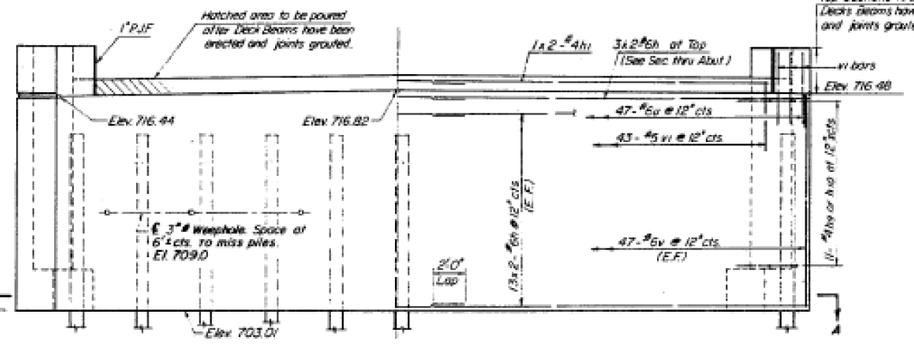
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 412	54B	DEWITT & MACON	13	10
AREA ENGINEER NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 5
6 SHEETS

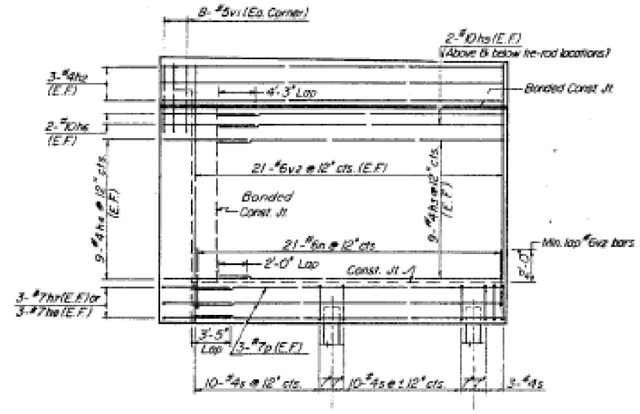
S.N. 020-0047, SN 020-0121, SN 020-0122



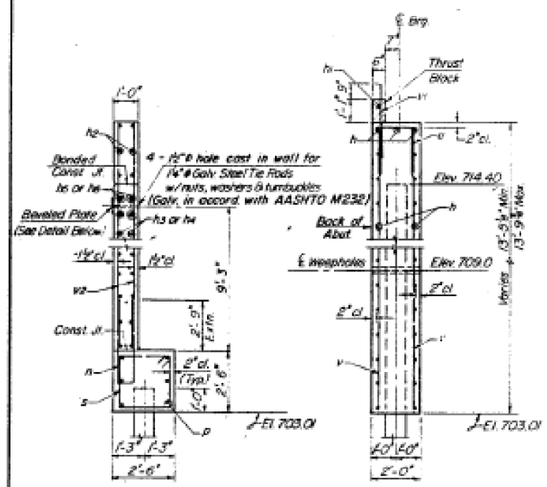
WINGWALL ELEVATION



ELEVATION
(Looking South)

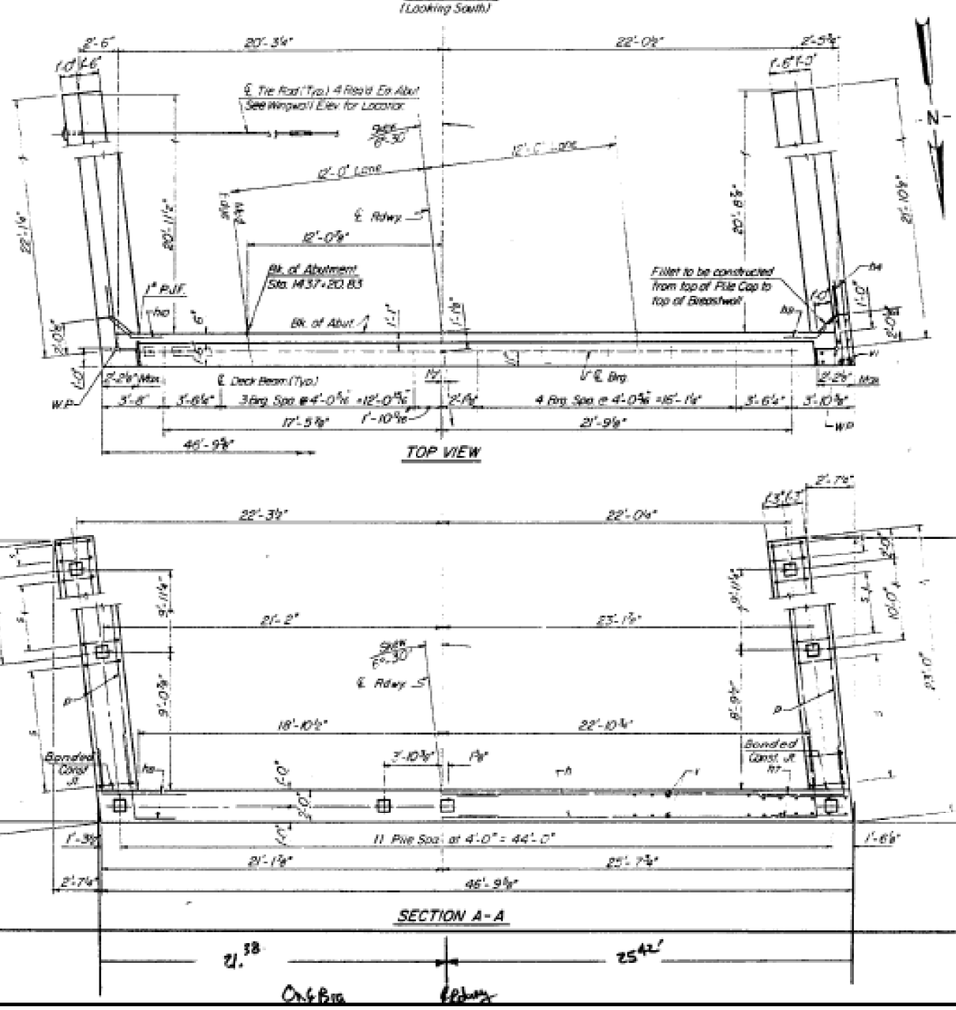


WINGWALL ELEVATION
Reinforcement



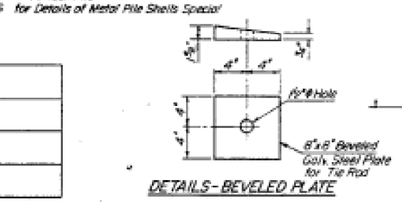
SEC. THRU WING

SEC. THRU ABUT.



TOP VIEW

SECTION A-A



DETAILS - BEVELED PLATE

PILE DATA

Type :	Metal Shell 13"x 10"x ½"
Capacity :	35 Tons
Est. Length :	39' Abut., 29' Wingwalls
No. Req'd. :	11 Abut., 4 Wingwalls + 1 Test Pile

See Sht. 6 for Details of Metal Pile Shells Special

DESIGNED	E.F.V.
CHECKED	D.V.K.
DRAWN	J.T.
CHECKED	G.E.P.

BAR hio

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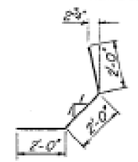

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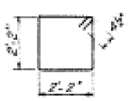

BAR u

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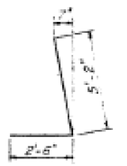

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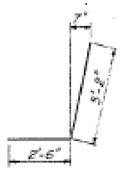
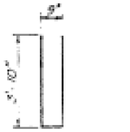


BAR n



BILL OF MATERIALS

BAR	NO.	SIZE	LENGTH	SHAPE
c	58	#6	24'-3"	
hi	2	#4	23'-3"	
hz	12	#6	22'-8"	
h3	36	#4	19'-6"	
h4	36	#4	5'-0"	
hs	8	#10	19'-6"	
hs	8	#10	7'-3"	
hr	6	#7	7'-6"	
hv	6	#7	7'-8"	
hy	11	#4	6'-0"	
hio	11	#4	6'-0"	
n	42	#6	8'-5"	
p	12	#7	20'-6"	
s	46	#4	9'-5"	
u	47	#6	5'-6"	
v	94	#6	13'-0"	
w	59	#5	4'-5"	
vz	84	#6	12'-7"	
Class X Concrete		Cu Yds.	79.6	
Reinforcement Bars		Lbs.	9830	
Structural Steel		Lbs.	1050	
Metal Pile Shells - Special		Lin. Ft.	545	
Test Pile Metal Shell-Special		Each	1	

SOUTH ABUTMENT
F.A.P. 412 (U.S. RTE. 51) OVER
TRIB. OF LONG POINT CREEK
DEWITT COUNTY
STATION 1437+53.04

21.38 Ord Bisc
25.42' Rdwy

FOR INFORMATION ONLY

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McDonough-Whitlow, P.C. Consulting Engineers & Land Surveyors PROFESSIONAL DESIGN No. 184-002754	USER NAME = jaymedf	DESIGNED - CMF	REVISED -
		CHECKED - TMM	REVISED -
	PLOT SCALE = 0:2.0000 '' / in.	DRAWN - JLM	REVISED -
	PLOT DATE = 1/31/2014	CHECKED - TMM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
STRUCTURE NO. 020-0047
SHEET NO. 15 OF 17 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	54B-3, 54B-2	DEWITT	89	69
		CONTRACT NO. 70606		
	ILLINOIS	FED. AID PROJECT		