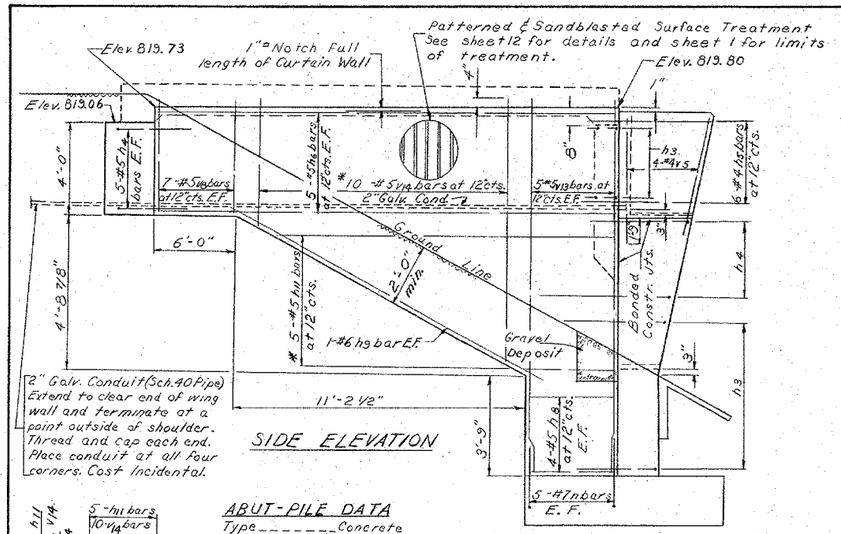
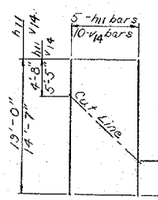
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA405	72-7HB	PEORIA	180	48
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJ.		

Sheet 11 of 14



SIDE ELEVATION



FIELD CUTTING DIAGRAM

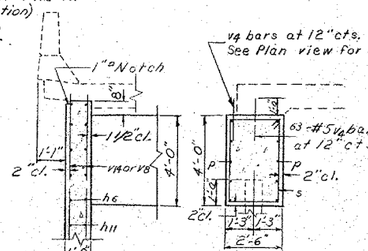
*Order h11 & v14 bars full length. Cut to fit as shown and use remainder of bars in other face.

ABUT-PILE DATA

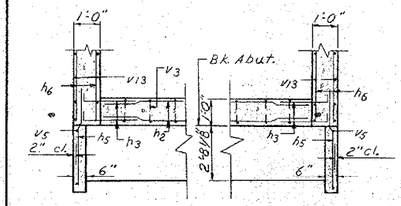
Type _____ Concrete
Capacity _____ 33 Tons
Est. Length _____ 35 Ft.
No. Req'd. _____ 29 (Plus One Test Pile in Permanent Location)

APPR. BENT-PILE DATA

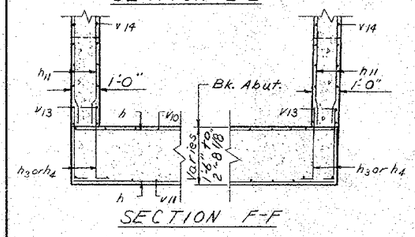
Type _____ Concrete
Capacity _____ 25 Tons
Est. Length _____ 30 Ft.
No. Req'd. _____ 12



SECTION C-C SECTION B-B

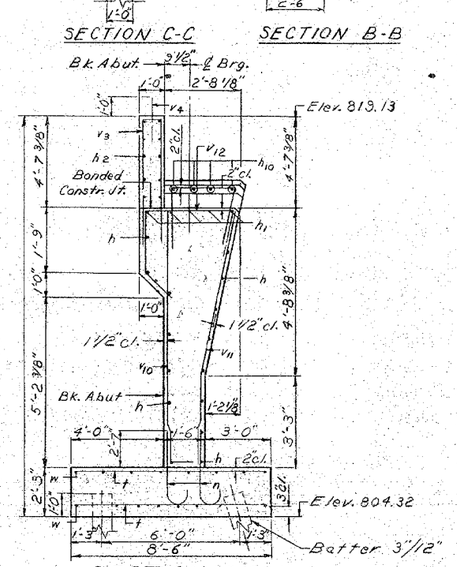


SECTION E-E

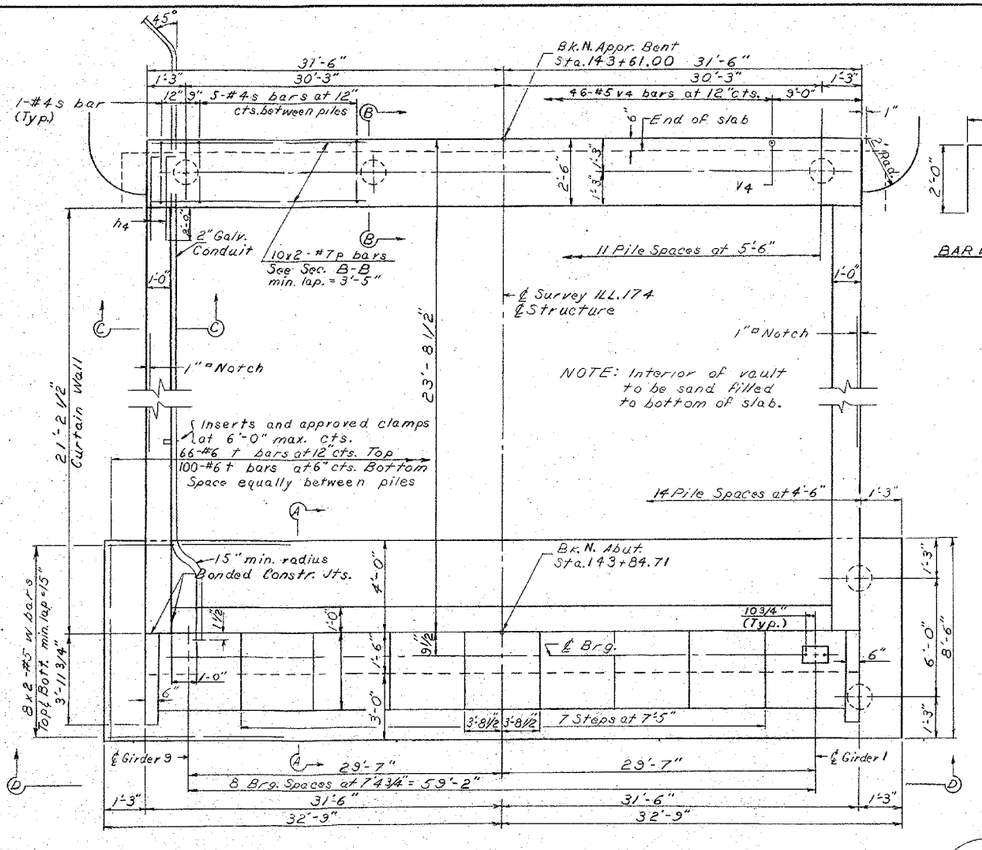


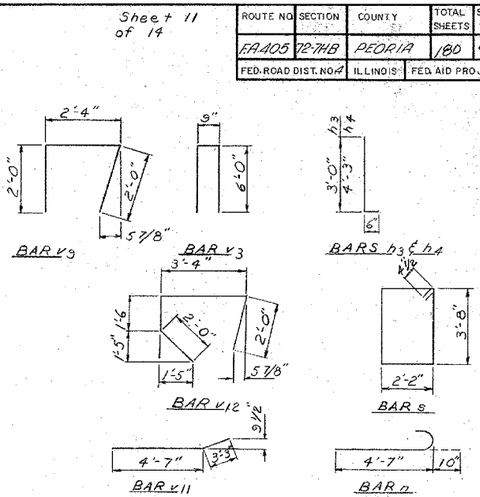
SECTION F-F

DESIGNED	L.R.W.
CHECKED	D.E.B.
DRAWN	M.C.K.
CHECKED	D.E.B.



SECTION A-A

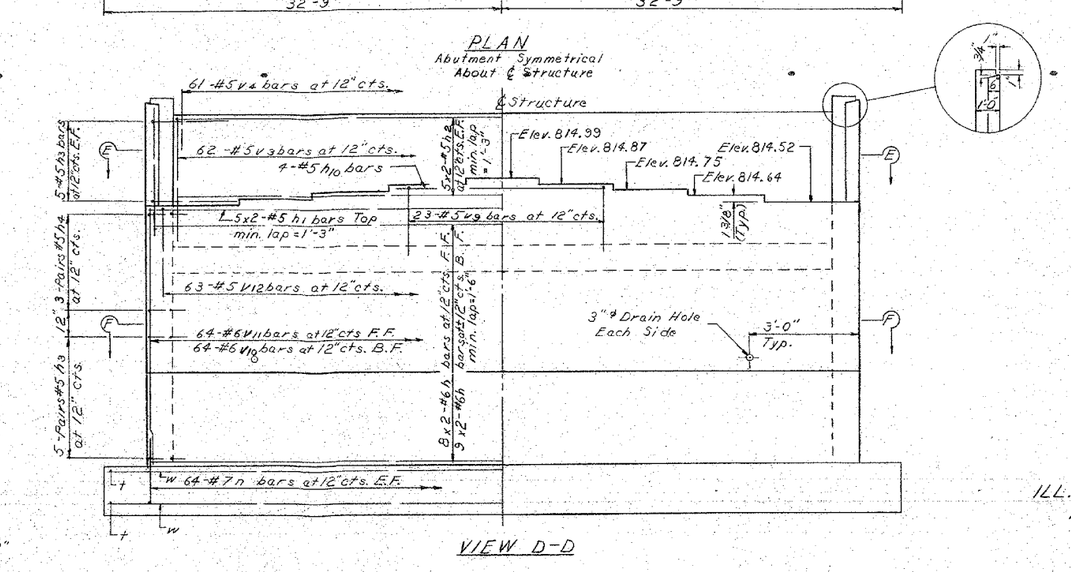




BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	34	#6	32'-1"	
h1	10	#5	32'-0"	
h2	20	#5	31'-0"	
h3	40	#5	3'-6"	L
h4	32	#5	4'-9"	L
h5	12	#4	5'-0"	
h6	20	#5	20'-10"	
h11	10	#5	19'-0"	
h8	16	#5	3'-8"	
h9	4	#6	14'-5"	
h10	4	#5	21'-11"	
n	148	#7	5'-5"	⊐
p	20	#7	33'-1"	
s	57	#4	12'-5"	Z
t	166	#6	8'-2"	
v10	64	#6	7'-9"	
v11	64	#6	7'-10"	
v12	63	#5	8'-10"	⊏
v3	62	#5	12'-9"	Π
v4	170	#5	2'-3"	
v5	8	#4	6'-10"	
v13	20	#5	13'-6"	
v14	20	#5	14'-7"	
v8	28	#5	4'-11"	
v9	23	#5	6'-4"	⊏
w	32	#5	33'-2"	

Reinforcement Bars	Lbs.	14,670
Class X Concrete	Cu. Yds.	1297
Concrete Piles	Lin. Ft.	1375
Test Pile Concrete	Each	1
Sand Back Fill	Cu. Yds.	185



VIEW D-D

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH ABUTMENT
PROJECT F.A.405
ILL. HWY. 174 OVER F.A. HWY. 405
F.A.405 SECTION 72-7HB
PEORIA COUNTY
STA. 929+03.18

FOR INFORMATION ONLY

MAURER-STUTZ ENGINEERS SURVEYORS

FILE NAME = S:\237\2013\23713009.00\AllenRdPhII\CADD-CADD Sheets\D468683-sht-Exist Plansll-SN07201	USER NAME = wllewis	DESIGNED -	REVISED -
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Default	PLOT DATE = 1/24/2014 3:21:07 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALLEN ROAD IMPROVEMENTS
EXISTING BRIDGE PLANS

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6584	105: (72-7HB)BY	PEORIA	487	351
6585		CONTRACT NO. 68683		
	ILLINOIS FED. AID PROJECT			