Notes: Space reinforcement bars in cap to miss anchor bolts.
Pour steps monolithically with cap.
Hatched area to be poured after superstructure is in place. Class X Concrete Superstructure in hatched area is billed with the superstructure. Quantity on sheet #8 of 15.
See sheet #5 of 15 for Splicer Details.
All edges shall have standard $\frac{3}{4}$" chamfer.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

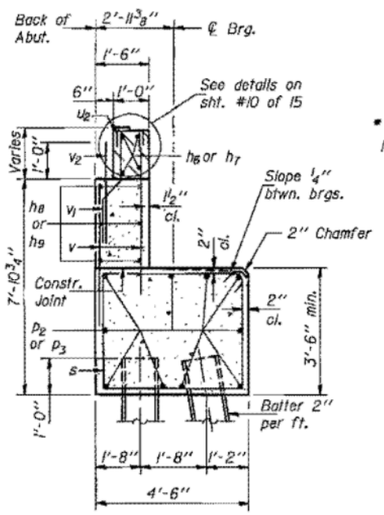
FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P.				
P.T.N.				
PROJECT ENGR. INIT.	ILLINOIS	FED. AID PROJECT		

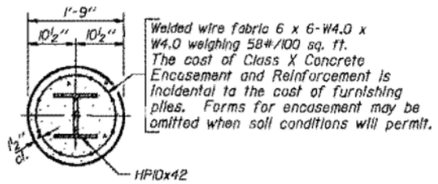
SHEET NO. 15
15 SHEETS

PILE DATA

Type: Steel HP10x42
Capacity: Driven to refusal
Est. Length: 38 Ft.
No. Required: 11

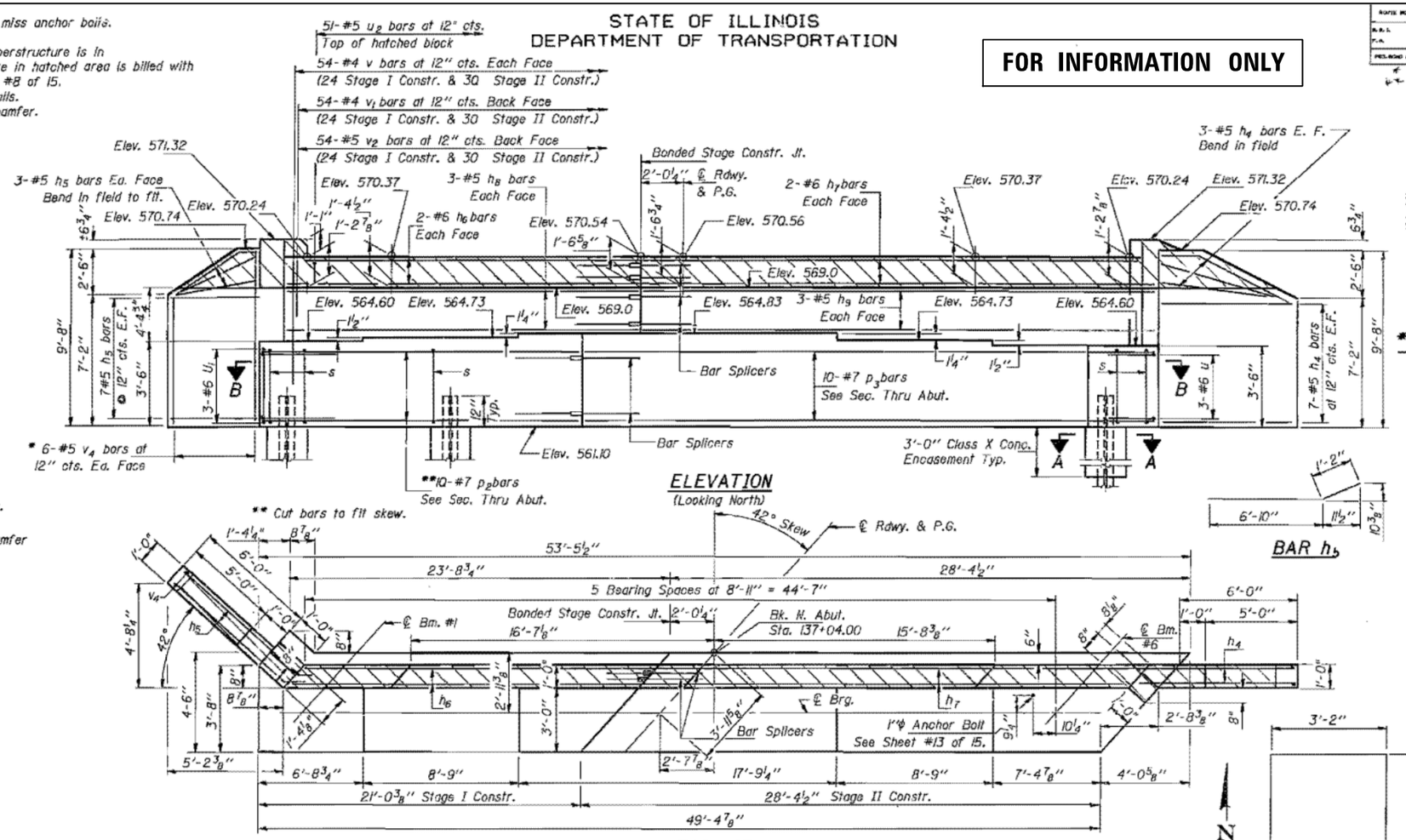


SEC. THRU ABUT.



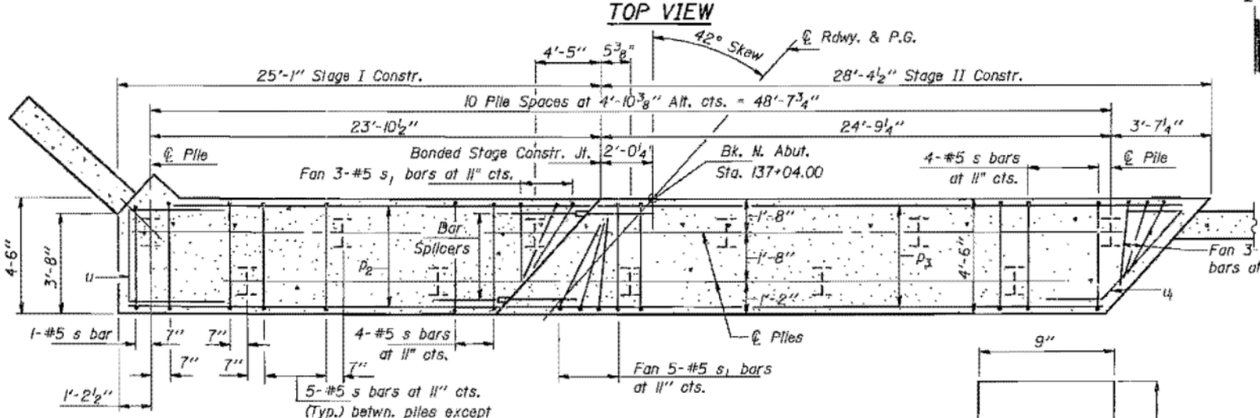
Welded wire fabric 6 x 6-W4.0 x W4.0 weighing 58#/100 sq. ft. The cost of Class X Concrete Encasement and Reinforcement is incidental to the cost of furnishing piles. Forms for encasement may be omitted when soil conditions will permit.

SECTION A-A

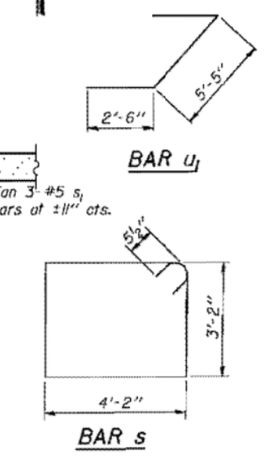


ELEVATION
(Looking North)

TOP VIEW

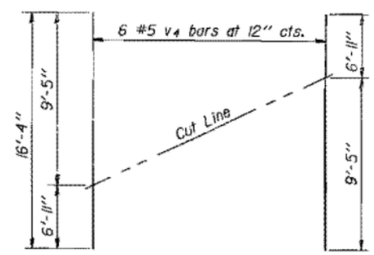


SECTION B-B



* FIELD CUTTING DIAGRAM v_4 BAR

Order v_4 bars full length. Cut to fit and use remainder in opposite face.



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h4	20	#5	8'-0"	
h5	20	#5	8'-0"	
h8	4	#6	24'-3"	
h7	4	#6	28'-1"	
h8	6	#5	24'-3"	
h9	6	#5	28'-1"	
p2	10	#7	24'-11"	
p3	10	#7	28'-1"	
s	44	#5	15'-7"	
s1	11	#5	11'-6"	
u	3	#6	9'-1"	
u1	3	#6	10'-5"	
u2	51	#5	1'-11"	
v	118	#4	6'-0"	
v1	54	#4	3'-8"	
v2	54	#5	4'-0"	
v4	12	#5	16'-4"	
Class X Concrete		Cu. Yd.	45.6	
Reinforcement Bars		Lbs.	4,090	
Steel Piles (HP10x42)		Lin. Ft.	418	

DESIGNED	VICTOR VELIZ	EXAMINED	May 24 19 97
CHECKED	Eric Hardy	PASSED	
DRAWN	Rita Williams	APPROVED	
CHECKED	V.V. pmp		

ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGE AND STRUCTURES
DIRECTOR OF HIGHWAYS

NORTH ABUTMENT
F.A. RT. 100 SEC. 110BR
GRUNDY COUNTY
STA. 136+58.25

FILE NAME = V:\3195\66B83 (South Section)\CADD Sheets\D366883-sht-exstruct-12.dgn	USER NAME = bdecraene	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 2.0000 ' / in.	CHECKED -	REVISED -
SHT_PLAN	PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 47
EXISTING BRIDGE PLANS

SCALE: N/A | SHEET 12 OF 23 SHEETS | STA. N/A | TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	410
		CONTRACT NO. 66B83		
	ILLINOIS FED. AID PROJECT			