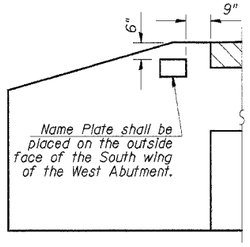
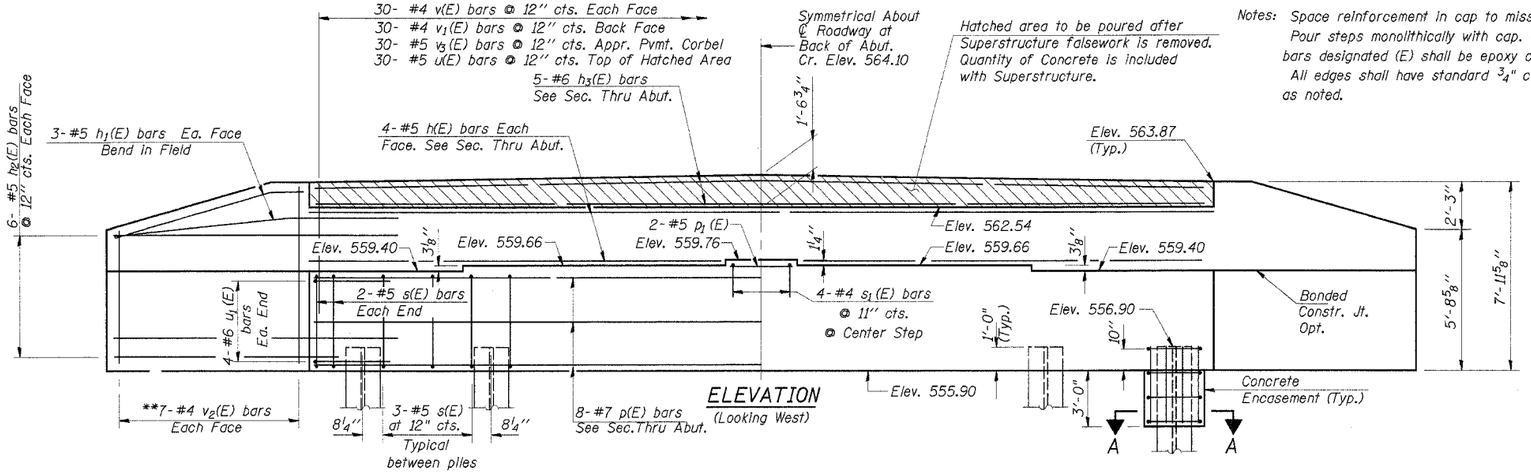
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 429 C.H. 23	94-00087 -00-BR	HANCOCK	43	21
ROAD DIST.	ILLINOIS			

Contract No. 93401
Sheet 15 of 20

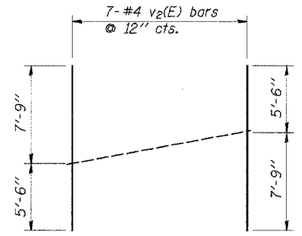


NAME PLATE DETAIL

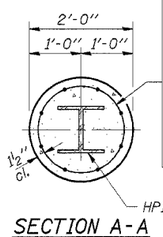


ELEVATION (Looking West)

Notes: Space reinforcement in cap to miss anchor bolts. Pour steps monolithically with cap. Reinforcement bars designated (E) shall be epoxy coated. All edges shall have standard 3/4" chamfers except as noted.

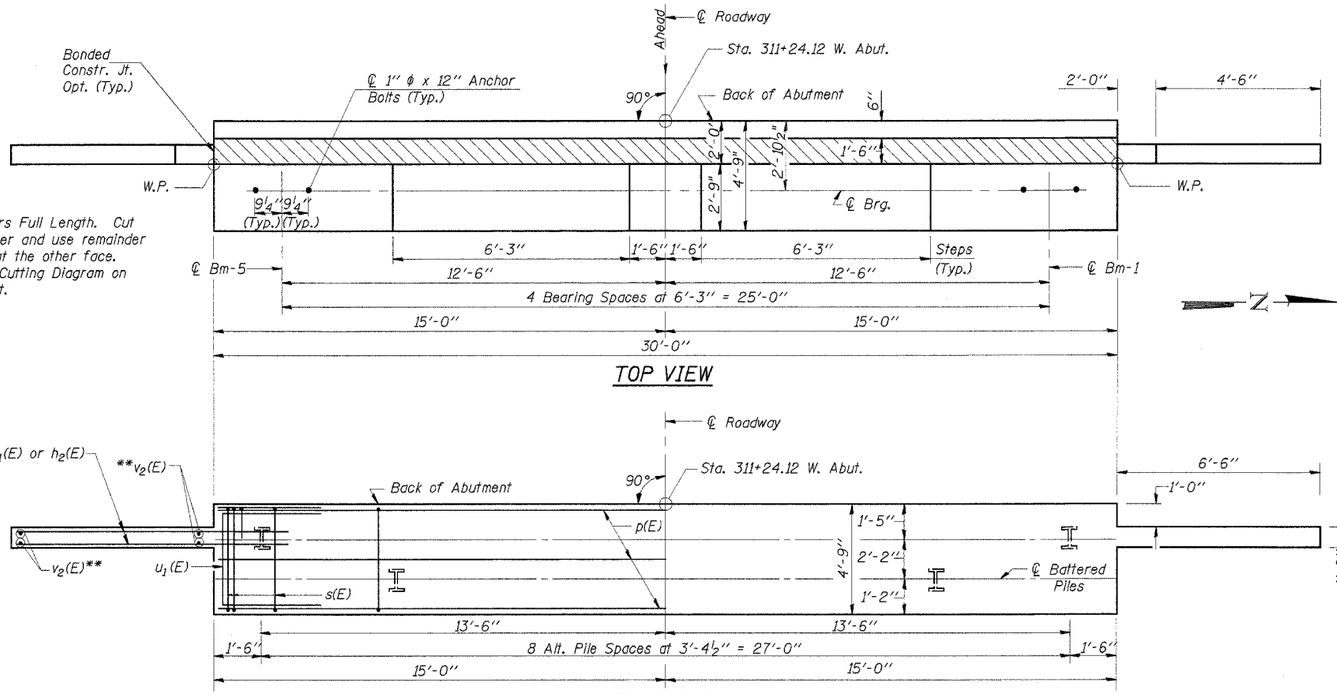


BAR CUTTING DIAGRAM



Welded wire fabric 6 x 6-W4.0 x W4.0 weighing 58#/100 sq. ft. The cost of Excavation & Reinf. is included in cost of Concrete Encasement. Forms for Encasement may be omitted when soil conditions permit. Extend Reinforcement 1'-0" into Cap.

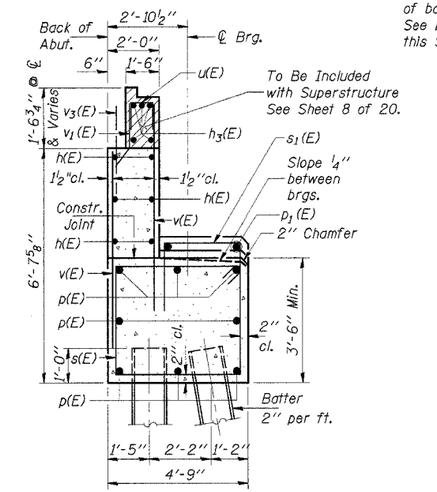
SECTION A-A



TOP VIEW

PLAN-CAP

** Order Bars Full Length. Cut to fit taper and use remainder of bars at the other face. See Bar Cutting Diagram on this Sheet.



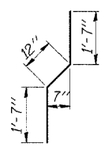
SEC. THRU ABUT.

PILE DATA

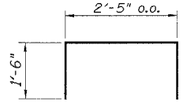
Type: _____ Steel HP12x53
Capacity: _____ Design 35 Ton/Pile
Driven 53 Ton/Pile
Est. Length: _____ 62 Ft/Pile
No. Required: _____ 9*

* Includes 1 Test Pile to be driven to 80 Ton capacity in a permanent location.

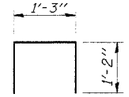
DESIGNED	A.R.K.
CHECKED	S.F.M., F.J.S.
DRAWN	S.A.P.
CHECKED	A.R.K., F.J.S.



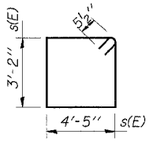
BAR v1(E)



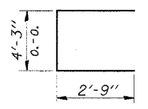
BAR s1(E)



BAR u(E)



BAR s(E)



BAR u1(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	8	#5	29'-9"	
h1(E)	12	#5	6'-3"	
h2(E)	24	#5	8'-0"	
h3(E)	5	#6	29'-9"	
p(E)	8	#7	29'-8"	
p1(E)	2	#5	2'-8"	
s(E)	28	#5	16'-1"	
s1(E)	4	#4	5'-5"	
u(E)	30	#5	3'-7"	
u1(E)	8	#6	9'-9"	
v(E)	60	#4	6'-3"	
v1(E)	30	#4	4'-2"	
v2(E)	14	#4	13'-3"	
v3(E)	30	#5	3'-0"	
Name Plates		Each	1	
Bridge Seat Sealer		Sq. Ft.	83	
Concrete Structures		Cu. Yd.	29.4	
Reinforcement Bars, Epoxy Coated		Pound	2,510	
Steel Piles HP12x53		Foot	496	
Test Piles Steel HP12x53		Each	1	
Protective Coat		Sq. Yd.	7	
Structure Excavation		Cu. Yd.	118	
Concrete Encasement		Cu. Yd.	3.1	

WEST ABUTMENT

SECTION 94-00087-00-BR
COUNTY HIGHWAY 23 - FAS ROUTE 429
HANCOCK COUNTY
STA. 313+34

4440 ASH GROVE
SPRINGFIELD, IL. 62711
(217) 793-8600
oasinc@famvid.com

OZYURT AND STONE, INC.
CONSULTING ENGINEERS

JOB NO.: 0319
FILE: 0319ABUT1.DGN
DATE: 10/12/05