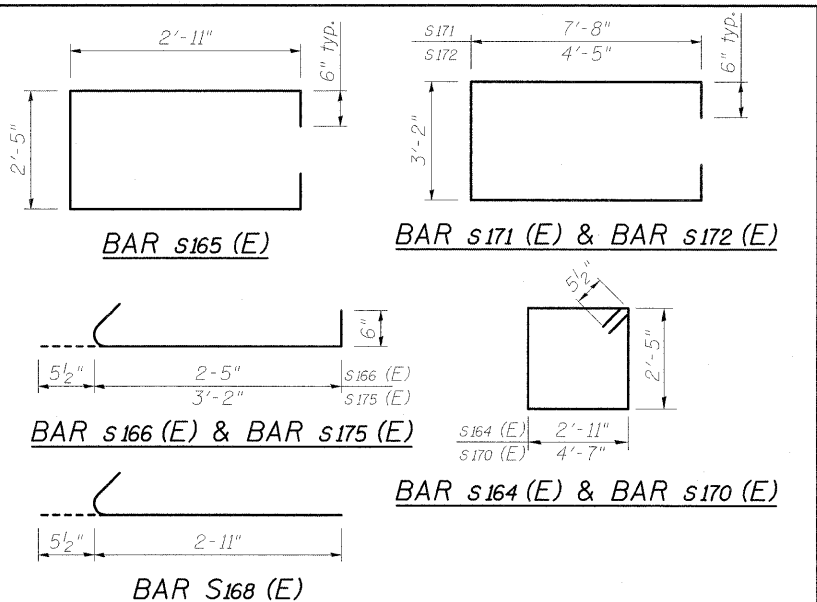
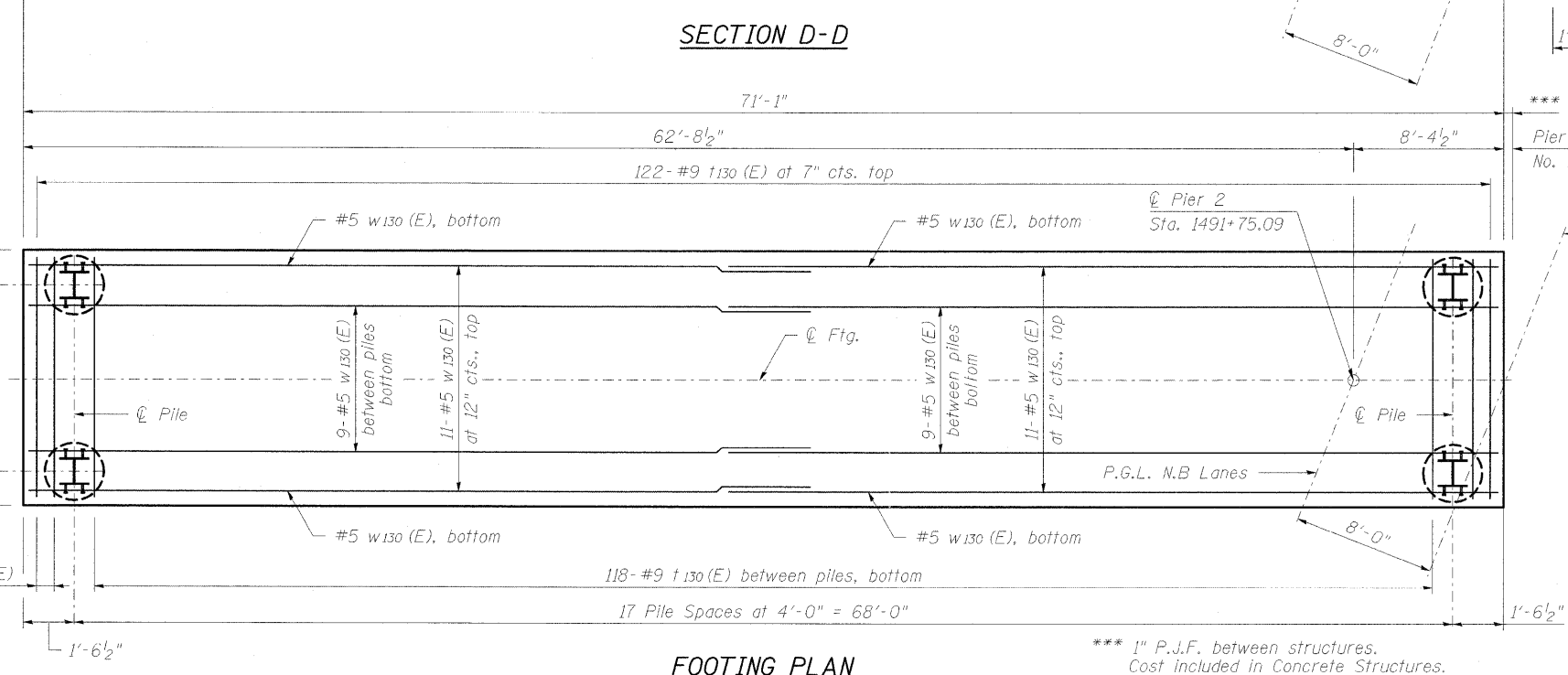
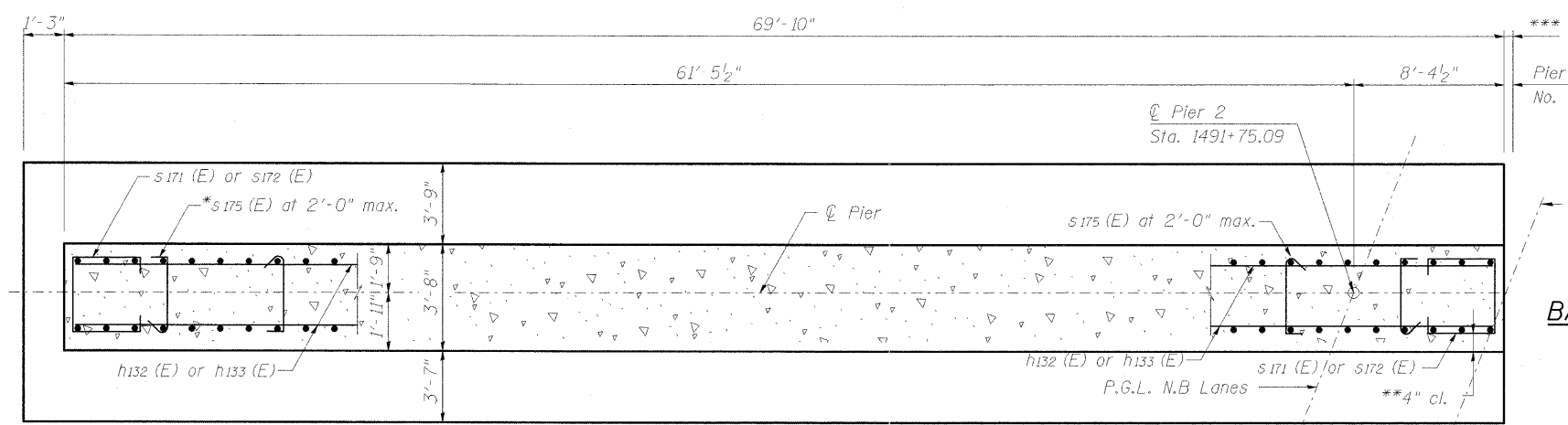


A & B DIMENSIONS

Bar	A	B
s160 (E)	3'-2"	1'-1"
s161 (E)	2'-0"	3'-2"
s173 (E)	3'-2"	5'-9"
s174 (E)	3'-2"	7'-6"
u160 (E)	3'-2"	4'-5"



* Alternate ends at each level.
 ** 2" additional concrete for Form Liner.

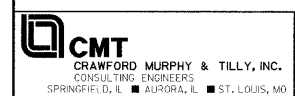


BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h130 (E)	12	#5	38'-3"	
h131 (E)	4	#5	29'-1"	
h132 (E)	20	#8	38'-8"	
h133 (E)	20	#6	37'-0"	
p130 (E)	12	#9	41'-3"	
p131 (E)	18	#9	39'-7"	
p132 (E)	9	#9	3'-4"	
s160 (E)	30	#1	5'-4"	
s161 (E)	28	#6	8'-4"	
s162 (E)	25	#6	16'-0"	
s163 (E)	184	#6	13'-8"	
s164 (E)	30	#5	11'-7"	
s165 (E)	280	#5	9'-3"	
s166 (E)	420	#5	3'-5"	
s167 (E)	280	#5	3'-5"	
s168 (E)	280	#5	3'-5"	
s169 (E)	140	#5	8'-3"	
s170 (E)	40	#5	14'-11"	
s171 (E)	4	#8	19'-6"	
s172 (E)	10	#6	13'-0"	
s173 (E)	140	#7	14'-8"	
s174 (E)	140	#7	18'-2"	
s175 (E)	175	#5	4'-2"	
t130 (E)	244	#9	10'-8"	
u130 (E)	8	#6	12'-0"	
v130 (E)	120	#9	17'-9"	
w130 (E)	44	#5	37'-3"	
Structure Excavation		Cu. Yd.	955	
Concrete Structures		Cu. Yd.	226.2	
Concrete Encasement		Cu. Yd.	19.7	
Form Liner		Sq. Ft.	132	
Reinforcement Bars, Epoxy Coated		Pound	49710	
Furnishing Steel Piles HP14x89		Foot	1080	
Driving Piles		Foot	1080	
Test Pile Steel HP14x89		Each	0	
Concrete Sealer		Sq. Ft.	2612	
Staining Concrete Structures		Sq. Yd.	291	
Concrete Stain		Sq. Yd.	15	

MIN. BAR LAP
 #5 Bar = 3'-8"

*** 1" P.J.F. between structures.
 Cost included in Concrete Structures.



FILE NAME = ...\\57.049.PIER DETAILS.11.dgn
 USER NAME = Rob Healy
 PLOT SCALE =
 PLOT DATE = 10/7/2011

DESIGNED - JDJ	REVISD -
CHECKED - REB	REVISD -
DRAWN - GLD	REVISD -
CHECKED - REB	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 2 DETAILS
STRUCTURE NO. 100-0088 (N.B.)
 SHEET NO. 56 OF 75 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(X1-6-2)HBK-2	WILLIAMSON	968	641
				CONTRACT NO. 78182

ILLINOIS FED. AID PROJECT