



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h20(E)	4	#5	45'-0"	—
h22(E)	10	#5	9'-11"	—
h23(E)	20	#5	3'-4"	—
h24(E)	24	#5	4'-3"	—
h25(E)	4	#5	23'-3"	—
p(E)	6	#9	45'-0"	—
p1(E)	6	#6	32'-0"	—
p2(E)	12	#6	9'-3"	—
s20(E)	17	#4	7'-8"	—
s21(E)	18	#4	9'-8"	—
s22(E)	33	#5	12'-1"	—
s23(E)	2	#5	11'-11"	—
s24(E)	2	#5	11'-7"	—
s25(E)	2	#5	11'-4"	—
s26(E)	2	#5	11'-0"	—
s27(E)	2	#5	10'-8"	—
s28(E)	2	#5	10'-5"	—
u20(E)	6	#5	9'-11"	—
v20(E)	36	#9	4'-0"	—
v21(E)	36	#5	4'-3"	—
v22(E)	8	#5	8'-8"	—
Reinforcement Bars, Epoxy Coated			POUND	3,490
Concrete Structures			CU YD	25
Concrete Sealer			SQ FT	860
Structure Excavation			CU YD	6.0

A, B & C DIMENSIONS

Bar	A	B	C
s20(E)	2'-8"	2'-6"	2'-6"
s21(E)	2'-2"	3'-9"	3'-9"
u20(E)	2'-7"	3'-8"	3'-8"
h24(E)	2'-1"	2'-2"	
v21(E)	2'-1"	2'-2"	
v22(E)	6'-6"	2'-2"	

D DIMENSIONS

Bar	D
s22(E)	2'-11"
s23(E)	2'-10"
s24(E)	2'-8"
s25(E)	2'-6 1/2"
s26(E)	2'-4 1/2"
s27(E)	2'-2 1/2"
s28(E)	2'-1"

ELEVATION

(Looking East)

NOTES:

1. Pour steps monolithically with cap.
2. Space reinforcement in cap to miss anchor bolts.
3. Existing vertical reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.
4. Concrete Sealer shall be applied to all new concrete surfaces

FILE NAME =	USER NAME =	DESIGNED - DY	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIER 1 - WESTBOUND STRUCTURE NO. 006-0020 EB AND 006-0021 WB	F.A.I. RTE. = 80	SECTION = 106-SHBR-1VBR(06-6)RS-3&1	COUNTY =	TOTAL SHEETS = 249	SHEET NO. = 94
TYLIN INTERNATIONAL	PLOT SCALE =	CHECKED - PF	REVISIONS -			BUREAU =	CONTRACT NO. = 66686			
	PLOT DATE = 09/13/2011	DRAWN - DY	REVISIONS -			SHEET NO. 27 OF 37 SHEETS				
		CHECKED - PF	REVISIONS -			ILLINOIS FED. AID PROJECT				

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