



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	24.8	
Concrete Sealer		SQ FT	860	
Structure Excavation		CU YD	6.2	

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

BARS s20(E), s21(E), u20(E), h24(E), v21(E), v22(E)

BARS s22(E) thru s28(E)

FILE NAME =	USER NAME =	DESIGNED - EH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIER 2 - WESTBOUND STRUCTURE NO. 006-0020 EB AND 006-0021 WB	F.A.I. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =
TYLIN INTERNATIONAL		CHECKED - PF	REVISED -			80	(106-SHBR-1, VBR-106-6)RS-3&I	BUREAU =	249	95
	PLOT SCALE =	DRAWN - EH	REVISED -			CONTRACT NO. 66686				
	PLOT DATE = 09/13/2011	CHECKED - PF	REVISED -			SHEET NO. 28 OF 37 SHEETS				

#FILE#

#DATE#