

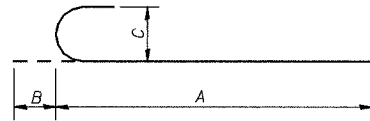
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008-001VB	COOK	579	435
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	
CONTRACT NO. 60E10				

SHEET NO. 25
54 SHEETS

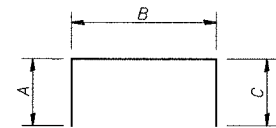
BILL OF MATERIAL - NORTH ABUTMENT

Bar	No.	Size	Length	Shape
h5(E)	70	#5	30'-0"	=====
h6(E)	78	#5	34'-0"	=====
h7(E)	8	#5	23'-6"	=====
h8(E)	4	#5	15'-9"	=====
h9(E)	4	#5	5'-3"	=====
h10(E)	7	#5	6'-11"	=====
h11(E)	7	#5	7'-11"	=====
h12(E)	24	#5	15'-8"	=====
h13(E)	24	#5	16'-8"	=====
h15(E)	8	#5	4'-11"	=====
h16(E)	2	#5	19'-6"	=====
h17(E)	2	#5	30'-0"	=====
n4(E)	131	#9	12'-10"	=====
n5(E)	148	#5	5'-1"	=====
n7(E)	280	#10	25'-11"	=====
n8(E)	30	#10	10'-5"	=====
n9(E)	112	#9	11'-10"	=====
n6(E)	240	#10	26'-11"	=====
11(E)	163	#10	16'-5"	=====
12(E)	123	#6	16'-5"	=====
s(E)	6	#5	4'-10"	=====
u(E)	243	#5	8'-8"	=====
u1(E)	102	#5	4'-8"	=====
u2(E)	122	#5	13'-2"	=====
u3(E)	2	#5	10'-2"	=====
v5(E)	486	#6	6'-3"	=====
v6(E)	66	#5	8'-5"	=====
v7(E)	57	#5	7'-5"	=====
v9(E)	28	#5	11'-1"	=====
v10(E)	36	#8	11'-1"	=====
v11(E)	12	#6	9'-0"	=====
v18(E)	2	#5	2'-3"	=====
w10(E)	72	#7	35'-0"	=====
w11(E)	72	#7	31'-0"	=====
w12(E)	72	#7	10'-0"	=====
sp3	14	#5	21'-2"	=====
sp4	12	#5	22'-2"	=====
Porous Granular Embankment		Cu. Yd.	812	
Concrete Structures		Cu. Yd.	459.3	
Reinforcement Bars		Pound	11,350	
Reinforcement Bars, Epoxy Coated		Pound	114,230	
Non-Special Waste Disposal		Cu. Yd.	1253.0	
Geocomposite Wall Drain		Sq. Yd.	181	
Braced Excavation		Cu. Yd.	1462	
Permanent Steel Sheet Piling		Sq. Ft.	1815	
Drilled Shaft in Soil		Cu. Yd.	283	
Drilled Shaft in Rock		Cu. Yd.	37	
Structure Excavation		Cu. Yd.	369	
Bar Splicers		Each	82	



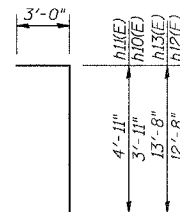
BARS n4(E), n5(E), n6(E), n7(E), n8(E) & n9(E)

Bar	A	B	C
n4(E)	11'-7"	1'-3"	11 3/4"
n5(E)	4'-6"	7"	5"
n7(E)	24'-6"	1'-5"	1'-1 1/4"
n8(E)	9'-0"	1'-5"	1'-1 1/4"
n9(E)	10'-7"	1'-3"	11 3/4"
n6(E)	25'-6"	1'-5"	1'-1 1/4"

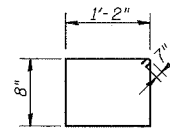


BARS u(E) through u3(E)

Bar	A	B	C
u(E)	2'-0"	4'-8"	2'-0"
u1(E)	1'-6"	1'-8"	1'-6"
u2(E)	5'-9"	1'-8"	5'-9"
u3(E)	4'-6"	1'-2"	4'-6"



BARS h10(E), h11(E), h12(E) & h13(E)



BAR s(E)

NOTES:

1. Reinforcement bars designated (E) shall be epoxy coated.
2. Work this Sheet with Sheets 23 and 24.
3. See Sheet 1 for limits of Braced Excavation and Structure Excavation.
4. See Sheet 24 of U.S. 6 Mainline Retaining Walls Along 159th Street plans for Pipe Underdrain Layout and Quantities.
5. See Sheet 45 for details of Porous Granular Embankment and Pipe Underdrain for Structures 6".

URS
100 South Wacker Drive,
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Chicago, IL 60606
(312) 939-1000

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 FROM I-294 TO IL RTE 1
NORTH ABUTMENT DETAILS
SN 016-2820
STRUCTURES FOR CN INTERMODAL
YARD VEHICLES OVER U.S. RTE. 6 (159TH STREET)
STATION 95+02.14 STRUCTURE NOS. 016-2820
& 016-2821
SCALE: N.T.S. DATE: 2/21/2008

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DESIGNED	EV
CHECKED	NPP
DRAWN	EV
CHECKED	NPP