ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2545	*	WILL	147	89
FEDERAL DIST. NO. 7		ILLINOIS	FED. AID PROJECT.	

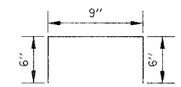
* 98-00036-19-FP

CONTRACT NO. 83896

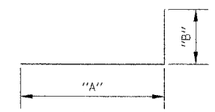
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
d_2(E)	126	#4	1'-9"	
e_1(E)	90	#4	31'-9"	
e_2E)	60	#4	29'-9"	
e_3(E)	6	#4	11'-9"	
e_4(E)	6	#4	19'-9"	
e_5(E)	6	#4	14'-3"	
e_6(E)	12	#4	13'-9"	
e_7(E)	6	#4	19'-2"	
h_1(E)	326	#4	31'-9"	
h_2(E)	226	#4	29'-9"	
h_3(E)	68	#4	13'-9"	
h_4(E)	18	#4	19'-9"	
h_5(E)	18	#4	14'-3"	
h_6(E)	44	#6	11'-9"	
h_7(E)	8	#6	4'-3"	
h_8(E)	8	#6	7'-0"	
h_9(E)	18	#4	19'-2"	
n_1(E)	1,049	#5	6'-7"	
n_2(E)	743	e	9'-0"	
n_3(E)	342	#5	8'-10"	
n_4(E)	18	#7	10'-2"	
n_5(E)	35	#7	11'-10"	
n_6(E)	58	#7	15'-2"	
t_1(E)	796	#7	8'-8"	
t_2(E)	866	#6	6'-8"	
v_1(E)	156	#5	10'-6"	
v_2(E)	156	#6	8'-10"	
v_3(E)	156	#5	11'-5"	
v_4(E)	156	#6	9'-9"	
v_5(E)	85	#5	9'-7"	
v_6(E)	85	#6	7'-11"	
v_7(E)	78	#5	5'-6"	
v_8(E)	78	#5	7'-7"	
v_9(E)	322	#5	4'-9"	
v_{10}(E)	264	#5	6'-11"	

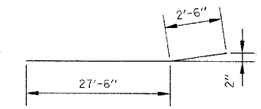
BAR	NO.	SIZE	LENGTH	SHAPE
w_1(E)	40	#5	31'-0"	
w_2(E)	360	#5	32'-6"	
w_3(E)	20	#5	7'-0"	
w_4(E)	20	#5	17'-9"	
w_5(E)	6	#5	13'-9"	
w_6(E)	15	#5	15'-9"	
w_7(E)	60	#5	28'-9"	
w_8(E)	15	#5	29'-9"	
w_9(E)	15	#5	30'-0"	
w_{10}(E)	50	#5	9'-3"	
w_{11}(E)	50	#5	5'-5"	
w_{12}(E)	14	#5	10'-0"	
w_{13}(E)	14	#5	6'-0"	
w_{14}(E)	20	#5	11'-5"	
STRUCTURE EXCAVATION			CU YD	2,310
CONCRETE STRUCTURES			CU YD	917.3
REINFORCEMENT BARS, EPOXY COATED			POUND	96,050



BAR d_2(E)

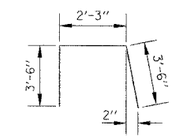


BAR (SEE TABLE)

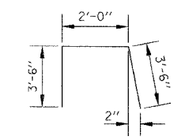


BAR w_9(E)

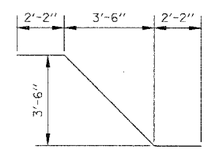
BAR	"A"	"B"
n_1(E)	5'-9"	10"
n_2(E)	8'-0"	1'-0"
n_3(E)	8'-0"	10"
n_4(E)	9'-0"	1'-2"
n_5(E)	10'-8"	1'-2"
n_6(E)	14'-0"	1'-2"
n_7(E)	11'-10"	1'-2"
w_{11}(E)	3'-3"	2'-2"
w_{13}(E)	3'-10"	2'-2"
w_{15}(E)	4'-10"	2'-2"



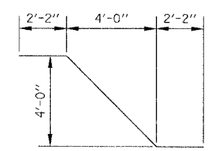
BAR v_{11}(E)



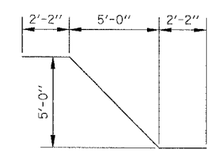
BAR v_{12}(E)



BAR w_{10}(E)



BAR w_{12}(E)



BAR w_{14}(E)

S-10

NOTES:

REINFORCEMENT DESIGNATED (E) SHALL BE EPOXY COATED.

NO.	DATE	REVISION	BY

WILL COUNTY DEPARTMENT OF HIGHWAYS

PLAINFIELD-NAPERVILLE ROAD (C.H. 14)
ROADWAY RECONSTRUCTION
RETAINING WALL
BAR BEND AND BILL OF MATERIAL

McDonough Associates Inc.
Engineers/Architects

DESIGNED BY: JCE
CHECKED BY: AWW
DRAWN BY: JCE

SCALE: N.T.S.