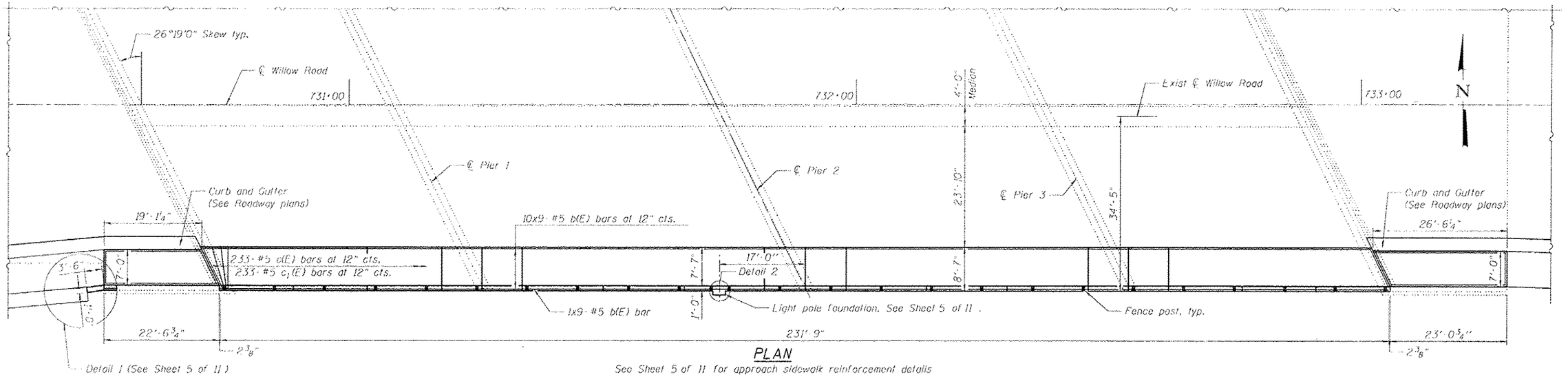


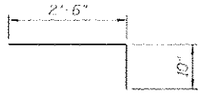
PLAN

See Sheet 5 of 11 for approach sidewalk reinforcement details

BILL OF MATERIAL

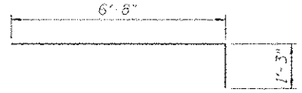
Bar	No.	Size	Length	Shape
b(E)	99	#5	28'-8"	
b_1(E)	30	#6	26'-2"	
b_2(E)	30	#6	22'-2"	
c(E)	233	#5	3'-4"	
c_1(E)	233	#5	8'-2"	
c_2(E)	94	#6	6'-8"	
c_3(E)	101	#6	7'-4"	
c_4(E)	7	#6	1'-11"	
c_5(E)	7	#6	7'-3"	
c_6(E)	7	#6	8'-7"	
c_7(E)	4	#6	8'-1"	
d(E)	52	#4	2'-0½"	
d_1(E)	5	#6	4'-3"	
d_2(E)	5	#4	3'-1"	
d_3(E)	3	#6	4'-6"	
d_4(E)	6	#6	8'-11"	
e(E)	36	#4	14'-3"	
e_1(E)	36	#4	1'-8"	
e_2(E)	36	#4	15'-8"	
e_3(E)	5	#5	5'-9"	
e_4(E)	5	#4	5'-9"	
Reinforcement Bars, Epoxy Coated			Pound	11,460
Concrete Superstructure			Cu. Yd.	80.5

Bars indicated thus 1 x 15-#5 etc. indicates 1 line of bars with 15 lengths per line.

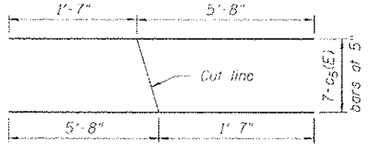


BAR c(E)

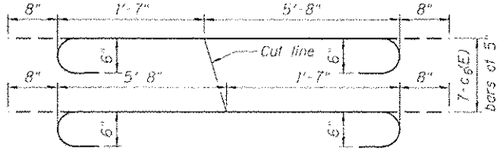
BAR c_3(E)



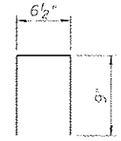
BAR c_4(E)



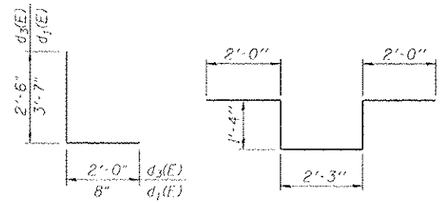
CUT DIAGRAM BAR c_5(E)



CUT DIAGRAM BAR c_6(E)

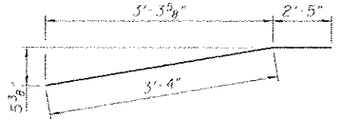


BAR d(E)



BAR d_1(E) or d_3(E)

BAR d_4(E)



BAR e_3(E) or e_4(E)

MINIMUM BAR LAP

#4 bar = 2'-1"
#5 bar = 3'-3"
#6 bar = 3'-10"

Notes:
Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.

TranSystems	USER NAME = kshastings	DESIGNED - JST	REVISED -
		CHECKED - JRM	REVISED -
	PLOT SCALE = 2000 '/ 1 in.	DRAWN - DMG	REVISED -
	PLOT DATE = 12/5/2012	CHECKED - DL/KAH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REINFORCEMENT DETAILS II
STRUCTURE NO. 016-0536
SHEET NO. 6 OF 11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0305	(1920.01,1518.2022&1922.48)R	COOK	919	496
		CONTRACT NO. 60T35		
		ILLINOIS FED. AID PROJECT		

12/5/2012 9:47:06 AM - I:\CAD\Highways\CAD\Sheets\016D536-060T35-06-016D552.dgn