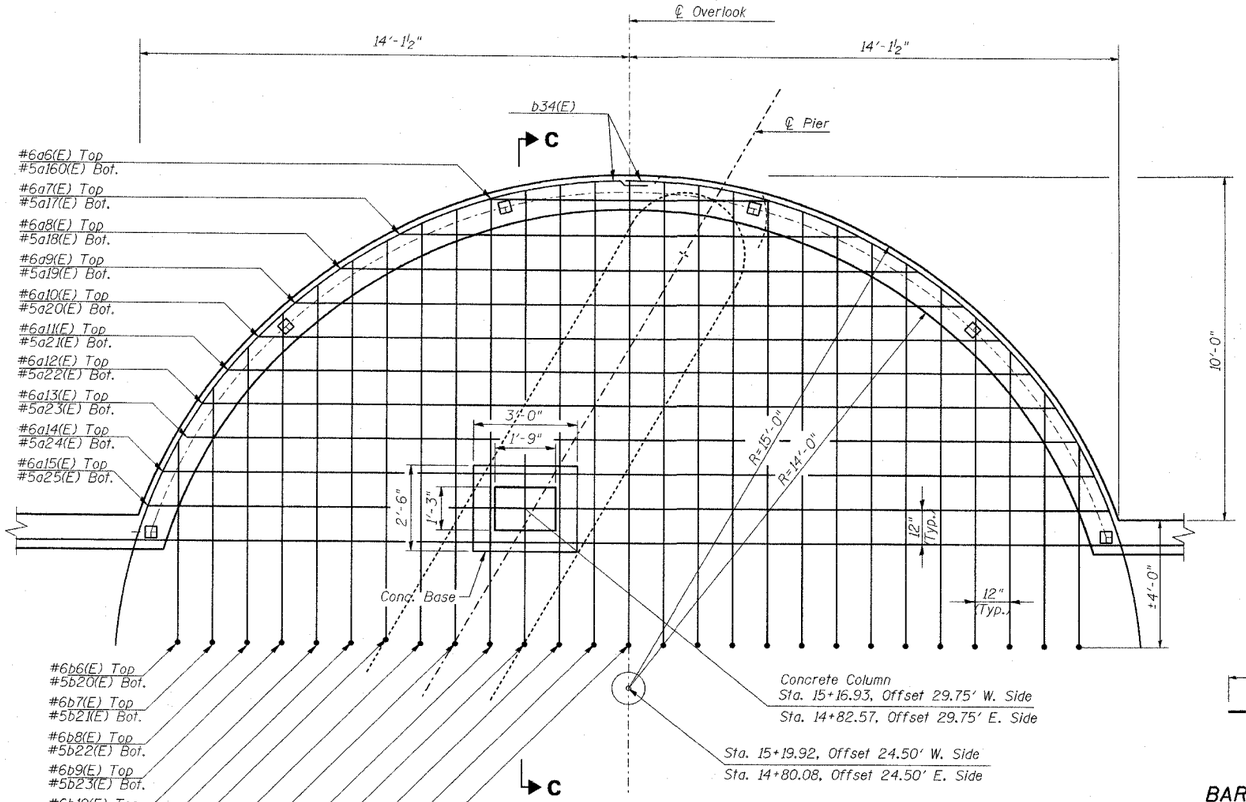
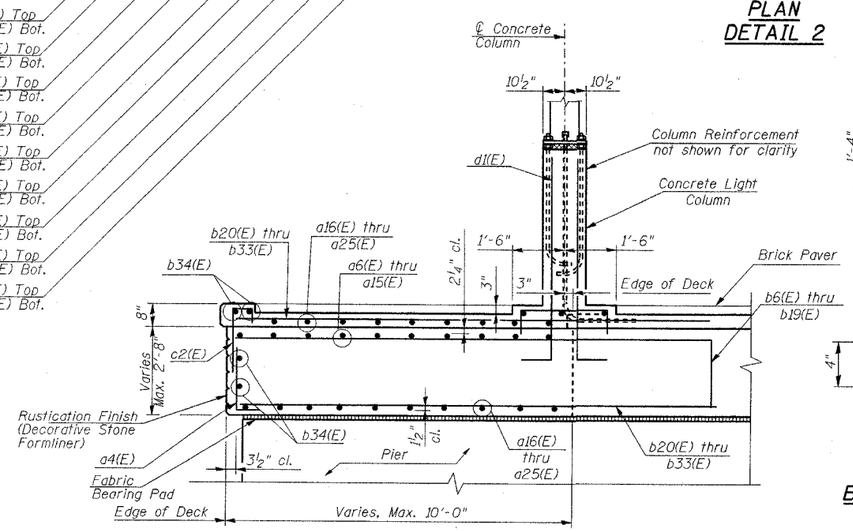
CONTRACT NO. 83664

EARTH TECH
A tyco INTERNATIONAL LTD. COMPANY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	96-00099-00-BR	DUPAGE	62	40
STA. 13+25.00		TO STA. 16+55.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLAN
DETAIL 2



SECTION C-C

TABLE 1

BARS b6(E) THRU b33(E) DIMENSIONS

BARS	B
b6(E)	5'-10"
b7(E)	7'-6"
b8(E)	8'-8"
b9(E)	9'-8"
b10(E)	10'-6"
b11(E)	11'-3"
b12(E)	11'-9"
b13(E)	12'-4"
b14(E)	12'-9"
b15(E)	13'-0"
b16(E)	13'-3"
b17(E)	13'-5"
b18(E)	13'-6"
b19(E)	13'-7"
b20(E)	5'-10"
b21(E)	7'-6"
b22(E)	8'-8"
b23(E)	9'-8"
b24(E)	10'-6"
b25(E)	11'-3"
b26(E)	11'-9"
b27(E)	12'-4"
b28(E)	12'-9"
b29(E)	13'-0"
b30(E)	13'-3"
b31(E)	13'-5"
b32(E)	13'-6"
b33(E)	13'-7"

SUPERSTRUCTURE BILL OF MATERIAL

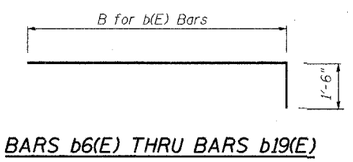
SHEET S9 OF S22
Contr. 83664

Bar	No.	Size	Length	Shape
c(E)	234	#5	3'-6"	
c1(E)	234	#5	10'-7"	
c2(E)	288	#4	2'-10"	
d(E)	192	#5	4'-2"	
d1(E)	100	#6	7'-0"	
s(E)	186	#5	9'-11"	
s1(E)	50	#5	5'-11"	
x(E)	120	#5	9'-1"	

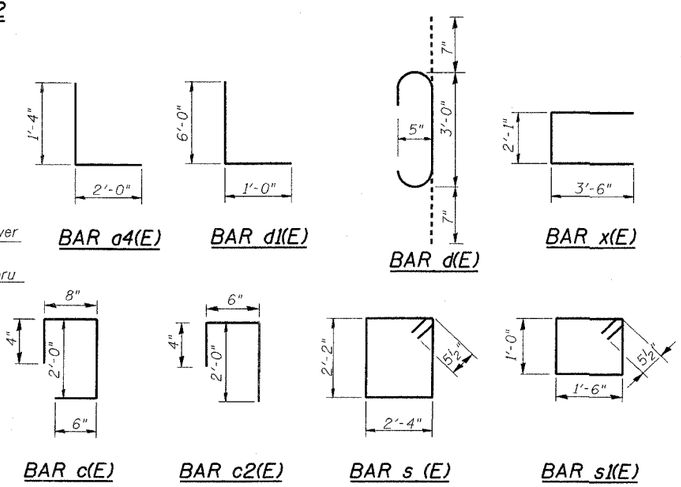
High-Performance Concrete Structure*	Cu. Yd.	590
Concrete Superstructure**	Cu. Yd.	46
Reinforcement Bars, Epoxy Coated	Pound	49,670
Bridge Deck Grooving	Sq. Yd.	518
Protective Coat **	Sq. Yd.	609
Rustication Finish	Sq. Ft.	542
Bridge Deck Latex Concrete Overlay	Sq. Yd.	515
Anti-Graffiti Coating	Sq. Ft.	1,536

* Bridge deck only.
** Includes concrete for sidewalks, planter columns, light columns, and bases for entry columns.

Bar	No.	Size	Length	Shape
a(E)	200	#5	35'-5"	
a1(E)	300	#5	24'-7"	
a2(E)	14	#8	48'-7"	
a3(E)	15	#5	32'-4"	
a4(E)	234	#5	3'-4"	
d6(E)	2	#6	8'-2"	
a7(E)	2	#6	13'-3"	
a8(E)	2	#6	16'-8"	
a9(E)	2	#6	19'-4"	
a10(E)	2	#6	21'-5"	
a11(E)	2	#6	23'-2"	
a12(E)	2	#6	24'-8"	
a13(E)	2	#6	25'-8"	
a14(E)	2	#6	26'-11"	
a15(E)	2	#6	27'-9"	
a16(E)	2	#5	8'-2"	
a17(E)	2	#5	13'-3"	
a18(E)	2	#5	16'-8"	
a19(E)	2	#5	19'-4"	
a20(E)	2	#5	21'-5"	
a21(E)	2	#5	23'-2"	
a22(E)	2	#5	24'-8"	
a23(E)	2	#5	25'-8"	
a24(E)	2	#5	26'-11"	
a25(E)	2	#5	27'-9"	
b(E)	64	#5	50'-0"	
b1(E)	128	#5	36'-1"	
b2(E)	60	#5	34'-8"	
b3(E)	120	#5	30'-0"	
b4(E)	120	#5	15'-1"	
b5(E)	96	#5	31'-4"	
b6(E)	4	#6	7'-4"	
b7(E)	4	#6	9'-0"	
b8(E)	4	#6	10'-2"	
b9(E)	4	#6	11'-2"	
b10(E)	4	#6	12'-0"	
b11(E)	4	#6	12'-9"	
b12(E)	4	#6	13'-3"	
b13(E)	4	#6	13'-10"	
b14(E)	4	#6	14'-3"	
b15(E)	4	#6	14'-6"	
b16(E)	4	#6	14'-9"	
b17(E)	4	#6	14'-11"	
b18(E)	4	#6	15'-0"	
b19(E)	2	#6	15'-1"	
b20(E)	4	#5	5'-10"	
b21(E)	4	#5	7'-6"	
b22(E)	4	#5	8'-8"	
b23(E)	4	#5	9'-8"	
b24(E)	4	#5	10'-6"	
b25(E)	4	#5	11'-3"	
b26(E)	4	#5	11'-9"	
b27(E)	4	#5	12'-4"	
b28(E)	4	#5	12'-9"	
b29(E)	4	#5	13'-0"	
b30(E)	4	#5	13'-3"	
b31(E)	4	#5	13'-5"	
b32(E)	4	#5	13'-6"	
b33(E)	2	#5	13'-7"	
b34(E)	16	#5	24'-6"	



BARS b6(E) THRU BARS b19(E)



NOTES:

1. Work this Sheet with Sheets S5 thru S8.
2. Compressive strength at 28 days of High Performance concrete is 6,000 psi. See Special Provisions.

REVISIONS	
NAME	DATE

CITY OF NAPERVILLE

DECK DETAILS II

MAIN STREET BRIDGE OVER
WEST BRANCH DUPAGE RIVER
STRUCTURE NO. 022-6755 - STA. 15+00.00

SCALE:
DRAWN BY JHR
DATE JULY 9, 2004
CHECKED BY SCD

DATE =Tue Jul 13 09:14:34 2004
DGN =L:\work\65154\cadd\drawings\Bridge\dkdet03.dgn