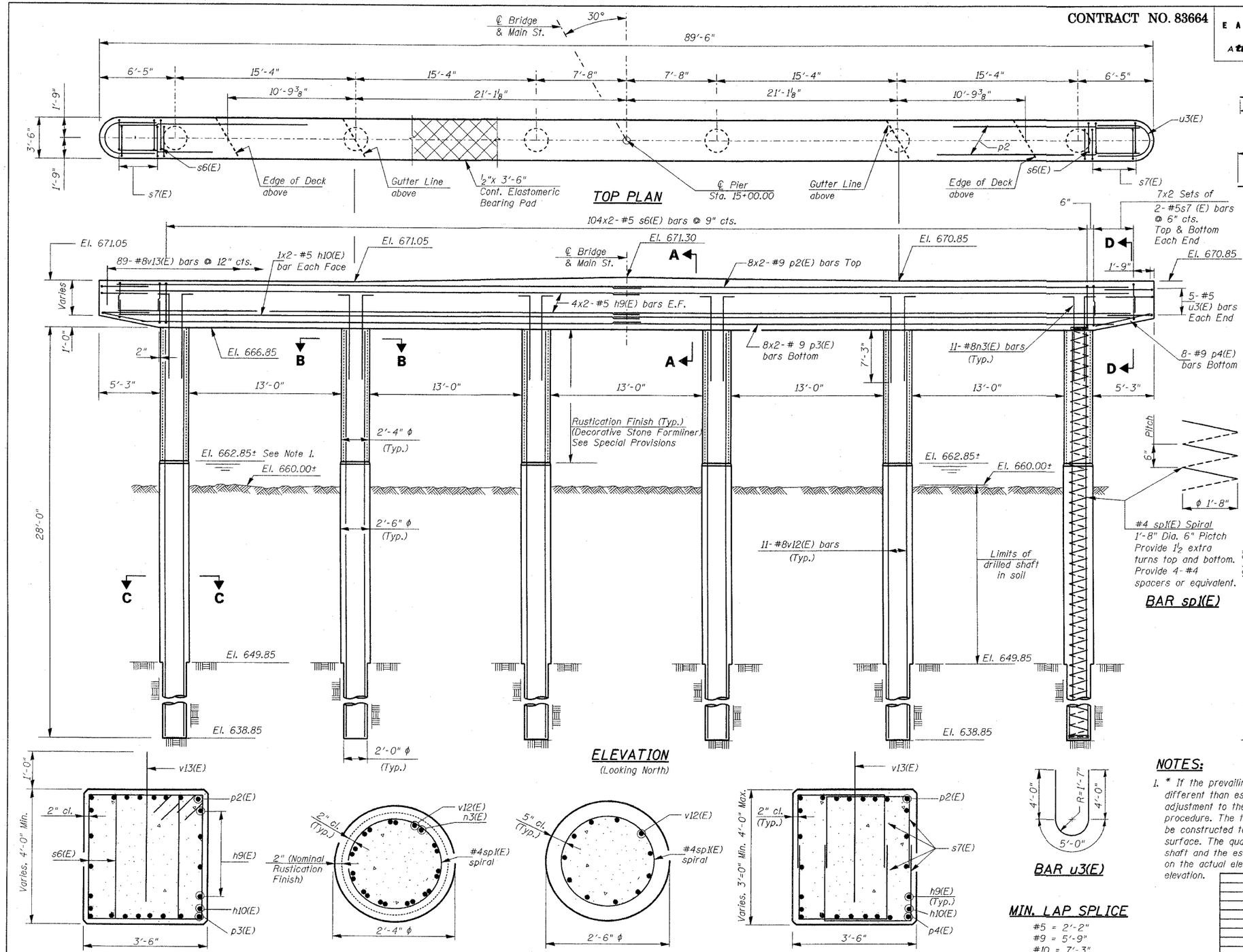
Contr. 83664

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	48
STA. 13+25.00		TO STA. 16+55.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET S17 OF S22



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h9(E)	16	#5	44'-1"	
h10(E)	4	#5	42'-2"	
n3(E)	66	#8	12'-1"	
p2(E)	16	#9	46'-0"	
p3(E)	16	#9	42'-5"	
p4(E)	16	#9	11'-6"	
s6(E)	208	#5	12'-11"	
s7(E)	56	#5	8'-6"	
sp1(E)	6	#4	309'-0"	
u3(E)	12	#5	13'-0"	
v12(E)	66	#8	27'-9"	
v13(E)	89	#9	3'-0"	
Concrete Structures			Cu. Yd.	56
Reinforcement Bars, Epoxy Coated			Pound	18,754
Drilled Shaft in Soil, 30"			Foot	78
Drilled Shaft in Rock, 24"			Foot	66
Elastomeric Bearing Pads (Special)*			Sq. Ft.	631
Rustication Finish			Sq. Ft.	176

*Includes Pier and Abutments Bearing Pads

MIN. LAP SPLICE

#5 = 2'-2"
#9 = 5'-9"
#10 = 7'-3"

NOTES:

1. * If the prevailing water surface elevation during construction is consistently different than estimated on the plans, the contractor may propose an adjustment to the top of the drilled shaft elevation as part of their installation procedure. The top of all drilled shafts within a substructure unit shall be constructed to the same elevation and extend above the prevailing water surface. The quantities and reinforcement detailing are based on the top of shaft and the estimated elevations shown and may change based on the actual elevations encountered at each shaft and the final top of shaft elevation.

REVISIONS	
NAME	DATE

CITY OF NAPERVILLE

PIER DETAILS

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

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

DATE =Tue Jul 13 09:16:48 2004
DGN =L:\work\65154\cadd\drawings\Bridge\Pier1.dgn