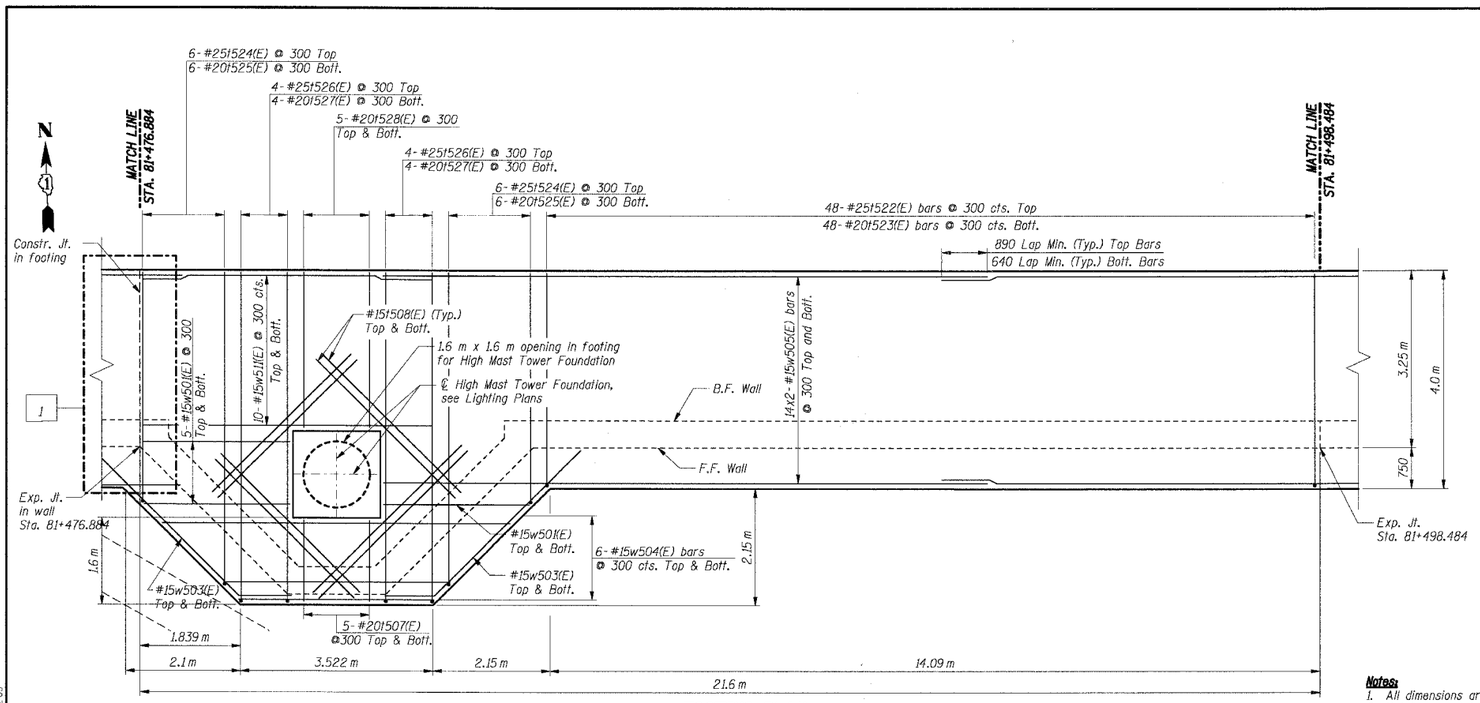
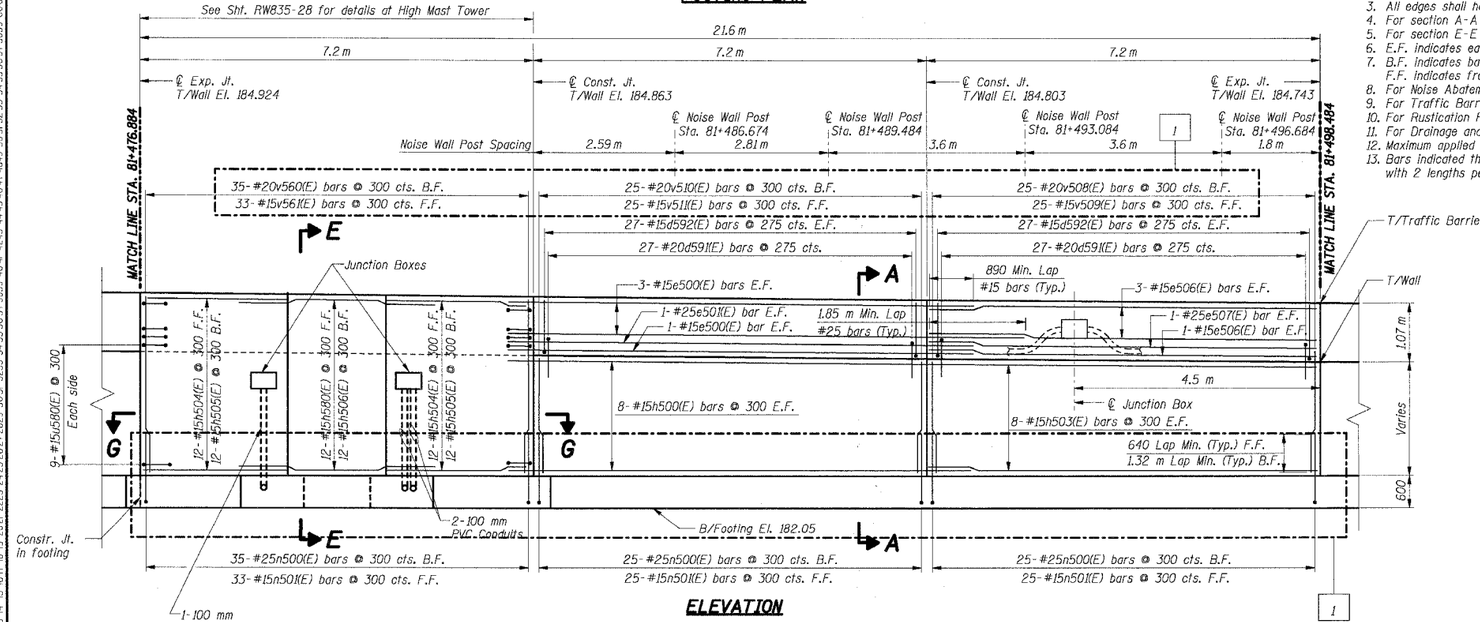
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK	1207	742
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62114



FOOTING PLAN



ELEVATION

Notes:

1. All dimensions are in millimeters (mm) except as noted.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. All edges shall have a 20 mm chamfer unless noted otherwise.
4. For section A-A and B-B see Sheet RW835-26.
5. For section E-E and section G-G see Sheet RW835-28.
6. E.F. Indicates each face.
7. B.F. Indicates back face.
   F.F. Indicates front face.
8. For Noise Abatement Wall pilaster details see sheet RW835-30.
9. For Traffic Barrier details see Sht. RW835-30.
10. For Rustication Finish & joint details see Sht. RW835-32.
11. For Drainage and Reinforcement details see Sht. RW835-31.
12. Maximum applied Soil Bearing Pressure, Qmax = 90 kPa.
13. Bars indicated thus 4x2-#15 etc. indicates 4 lines of bars with 2 lengths per line.

BAR LIST

Bar	No.	Size	Length (m)	Shape
d580(E)	6	#20	1.15	
d591(E)	54	#20	2.59	
d592(E)	108	#15	1.22	
e500(E)	8	#15	8.55	
e501(E)	2	#25	9.55	
e506(E)	8	#15	7.15	
e507(E)	2	#25	7.15	
h500(E)	16	#15	8.55	
h503(E)	16	#15	7.15	
h504(E)	24	#15	3.80	
h505(E)	24	#15	4.40	
h506(E)	12	#15	2.55	
h580(E)	12	#15	2.85	
h581(E)	2	#15	0.75	
h582(E)	4	#15	2.50	
h583(E)	2	#15	0.42	
n500(E)	85	#25	2.30	
n501(E)	83	#15	1.50	
t507(E)	10	#20	1.50	
t508(E)	16	#15	3.50	
t522(E)	48	#25	4.40	
t523(E)	48	#20	3.90	
t524(E)	6	#25	10.95	
t525(E)	6	#20	9.95	
t526(E)	8	#25	6.55	
t527(E)	8	#20	6.05	
t528(E)	10	#20	2.85	
u580(E)	18	#15	2.16	
u581(E)	2	#15	1.91	
u582(E)	2	#15	1.86	
u583(E)	2	#15	1.81	
u584(E)	28	#10	0.81	
v560(E)	35	#20	3.05	
v561(E)	33	#15	3.05	
v508(E)	25	#20	2.05	
v509(E)	25	#15	2.05	
v510(E)	25	#20	2.10	
v511(E)	25	#15	2.10	
w501(E)	12	#15	2.70	
w503(E)	4	#15	4.90	
w504(E)	6	#15	10.00	
w505(E)	56	#15	11.50	
w511(E)	20	#15	5.30	

THIS SHEET FOR INFORMATION ONLY

BILL OF MATERIAL

Item	Unit	Total
Concrete Structures	Cu m	1010.
Reinforcement Bars, Epoxy Coated	kg	7,110

SHT. RW835-24 OF 34

REVISIONS	
NAME	DATE
MJK	6/21/04

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
IL ROUTE 83 RECONSTRUCTION
RETAINING WALL - STRUCTURE NO. 016-W835
SECTION 2425 R-3 & 2425-711B
COOK COUNTY

FOOTING PLAN & WALL ELEVATION 20

DATE: 02/20/2004
DRAWN BY: DG
CHECKED BY: SC

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

7-8-2005 15:33:21 T:\DOCUMENT\W31750\STRUCT\DGN\2582752A.DGN DAJZEKKJ
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63