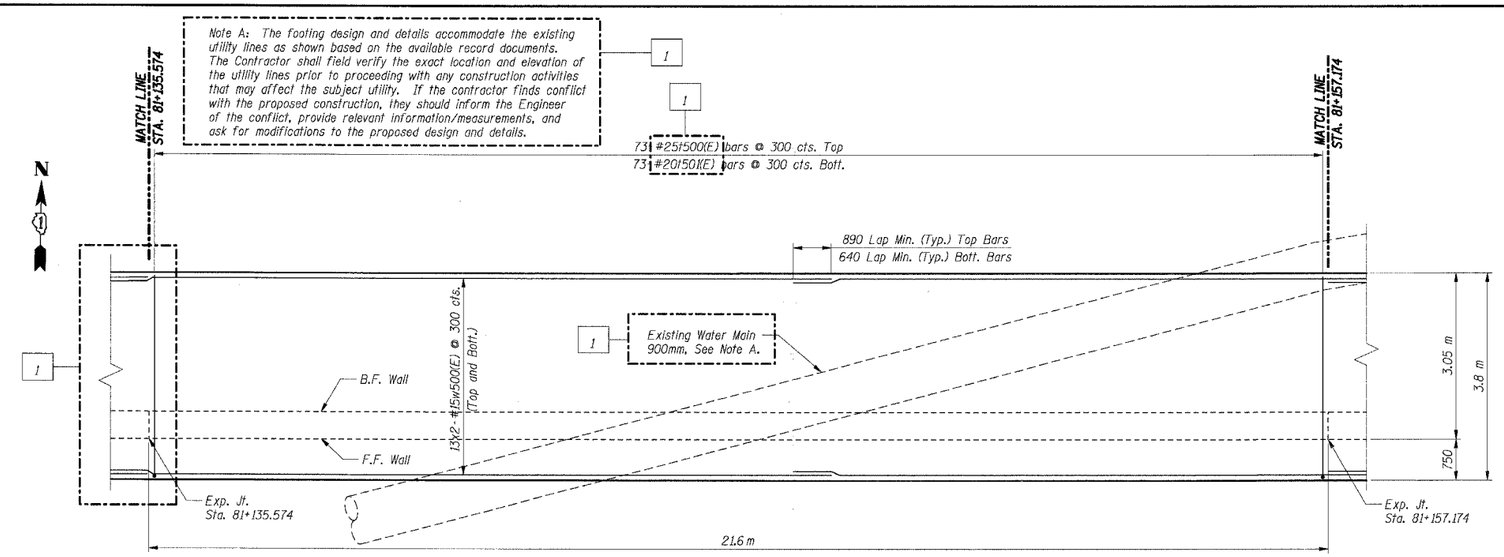
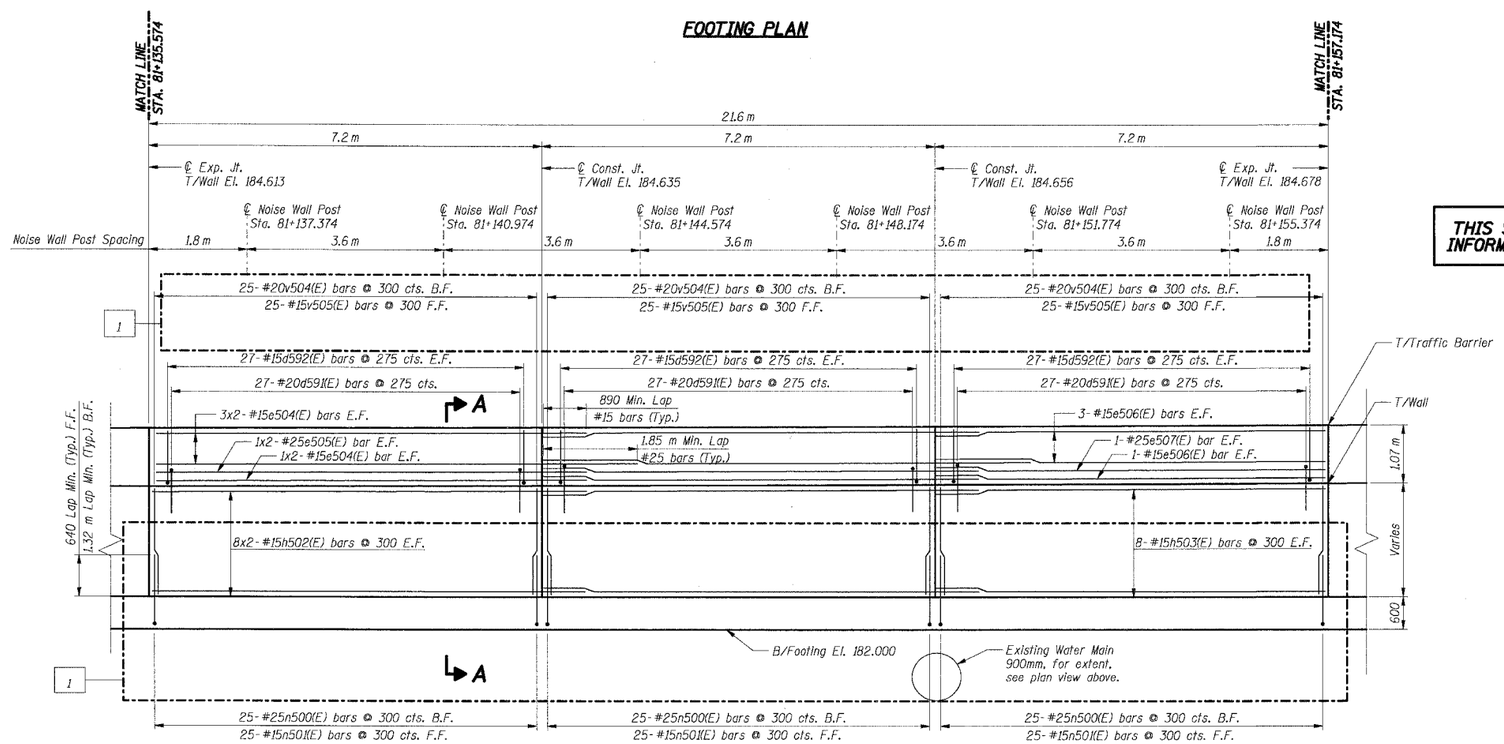
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK	1207	725
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62114

Note A: The footing design and details accommodate the existing utility lines as shown based on the available record documents. The Contractor shall field verify the exact location and elevation of the utility lines prior to proceeding with any construction activities that may affect the subject utility. If the contractor finds conflict with the proposed construction, they should inform the Engineer of the conflict, provide relevant information/measurements, and ask for modifications to the proposed design and details.



FOOTING PLAN



ELEVATION

BAR LIST

Bar	No.	Size	Length (m)	Shape
d591(E)	81	#20	2.59	
d592(E)	162	#15	1.22	
e504(E)	16	#15	8.05	
e505(E)	4	#25	9.05	
e506(E)	8	#15	7.15	
e507(E)	2	#25	7.15	
h502(E)	32	#15	8.05	
h503(E)	16	#15	7.15	
n500(E)	75	#25	2.30	
n501(E)	75	#15	1.50	
r500(E)	73	#25	4.20	
r501(E)	73	#20	3.70	
v504(E)	75	#20	1.95	
v505(E)	75	#15	1.95	
w500(E)	52	#15	12.00	

THIS SHEET FOR INFORMATION ONLY

BILL OF MATERIAL

Item	Unit	Total
Concrete Structures	Cu m	80.0
Reinforcement Bars, Epoxy Coated	kg	6,130

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 section B-B see Sheet RW835-26.
5. E.F. indicates each face.
6. B.F. indicates back face.
   F.F. indicates front face.
7. For Noise Abatement Wall pilaster details see sheet RW835-30.
8. For Traffic Barrier details see Sht. RW835-30.
9. For Rustication Finish & joint details see Sht. RW835-32.
10. For Drainage and Reinforcement details see Sht. RW835-31.
11. Maximum Applied Soil Bearing Pressure, Qmax = 93 kPa.
12. Bars indicated thus 4x2-#15 etc. indicates 4 lines of bars with 2 lengths per line.

SHT. RW835-7 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 3

DATE: 02/20/2004

DRAWN BY: DG
CHECKED BY: SC

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

7-8-2005 13:32:36 F:\DOCUMENT\93750\STRUCT\DGN\RS82582A.DGN BAJZEKJ
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