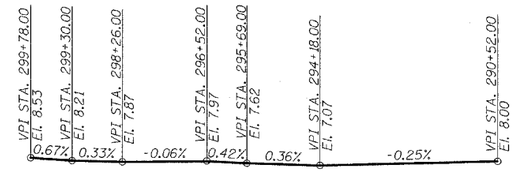
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	587
STA. 1200+00.00	TO STA. 1365+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-9				62695

GENERAL NOTES:

1. Reinforcement bars shall conform to the requirements of AASHTO M31 or M322 Grade 60.
2. The Contractor is responsible for the design and performance of the lagging using no less than 3" nominal rough-sawn thickness and the minimum tabulated unit stress in bending (f_b), used in the design of timber lagging shall be 1000 psi.
3. The soldier piles shall be cleaned and given one shop coat of Inorganic Zinc-Rich primer.
4. All exposed concrete edges shall be chamfered $\frac{3}{4}$"except as noted.
5. Protective coat shall be applied to exposed surfaces of the concrete facing.
6. Existing utilities in conflict with soldier pile wall construction shall be abandoned or relocated according to directions given on the roadway plans.
7. All construction joints shall be bonded.
8. All elevations shown are based on the Chicago City Datum of 0.00, which is 579.19 feet above mean tide New York. (NAVD 88)
9. The wall shall be backfilled (where applicable) prior to placing the concrete facing.
10. The Contractor is responsible to coordinate all electrical crossings with this Contract and with Contract 62583.

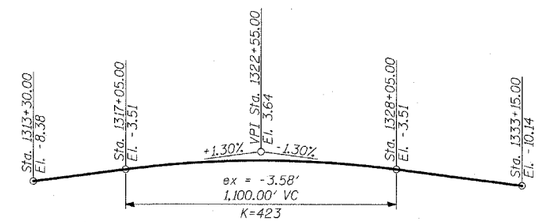
INDEX OF SHEETS

1. GENERAL PLAN
2. GENERAL NOTES AND INDEX OF SHEETS
3. PLAN AND ELEVATION STA. 1316+31.03 TO STA. 1317+82.66
4. PLAN AND ELEVATION STA. 1317+82.66 TO STA. 1319+34.06
5. PLAN AND ELEVATION STA. 1319+34.06 TO STA. 1320+54.06
6. PLAN AND ELEVATION STA. 1320+54.06 TO STA. 1322+33.88
7. PLAN AND ELEVATION STA. 1322+33.88 TO STA. 1323+23.72
8. HIGH MAST TOWER FOUNDATION PROTECTION
9. HIGH MAST TOWER FOUNDATION PROTECTION SECTIONS
10. PILE LAYOUT, DETAILS & BILL OF MATERIAL
11. LIGHT TOWER 5RAB3 FOUNDATION DETAILS
12. LIGHT TOWER DETAILS
13. WALL CROSS SECTIONS & DETAILS (1 OF 2)
14. WALL CROSS SECTIONS & DETAILS (2 OF 2)
15. RUSTICATION DETAILS
16. ~~CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)~~
17. ~~GATE PLAN AND NOTES~~
18. ~~GATE ELEVATIONS~~
19. ~~GATE SECTIONS~~
20. ~~GATE SECTIONS AND DETAILS~~
21. BORING LOGS SB72-03 & SB72-04
22. BORING LOGS SB73-03 & SB73-04
23. BORING LOGS SB73-05 & SB73-06
24. BORING LOGS SB73-07 & SB73-08
25. BORING LOGS SB73-09 & SB73-10



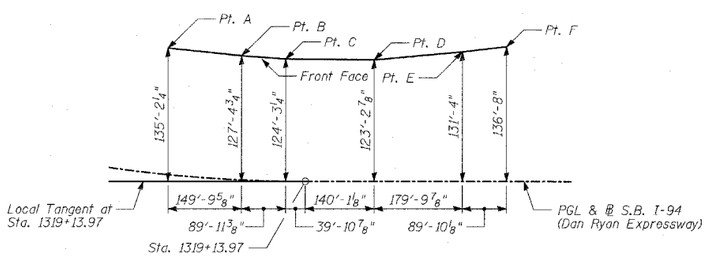
PROFILE GRADE

(Lafayette Ave.)



PROFILE GRADE

(S.B. I-94)



OFFSET SKETCH

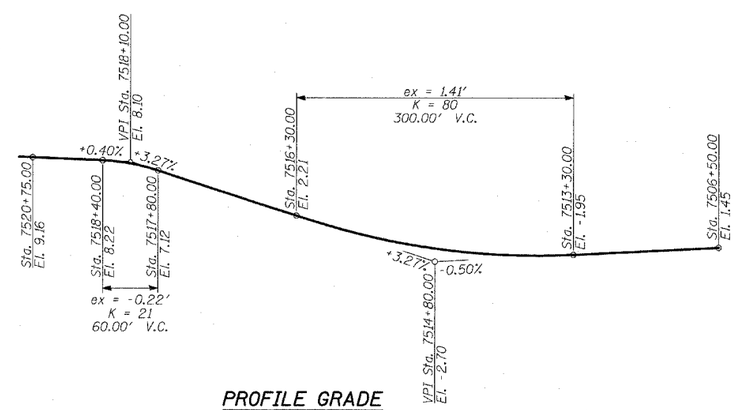
OFFSET SKETCH

Point	Station	Offset to ℄ S.B. I-94
A	1316+31.03	131'-8 5/8" Lt.
B	1317+82.66	126'-7 3/4" Lt.
C	1318+73.63	124'-2 3/8" Lt.
D	1320+54.06	123'-2 7/8" Lt.
E	1322+33.88	131'-4" Lt.
F	1323+23.72	136'-8" Lt.

CURVE DATA

S.B. Exit Ramp:
- Δ = 2° 48' 22.72" (RT)
- D = 2° 18' 23.74"
- R = 2,484.00
- L = 121.66
- E = 0.75
- T = 60.84
- P.C. STA = 7514+29.88
- P.I. STA = 7514+90.72
- P.T. STA = 7515+51.54

S.B. I-94 Curve 1:
- Δ = 2° 58' 38.60" (LT)
- D = 0° 30' 08.86"
- R = 11,403.00
- L = 592.56
- E = 3.85
- T = 296.35
- P.C. STA = 1313+21.41
- P.I. STA = 1316+17.76
- P.T. STA = 1319+13.97



PROFILE GRADE

(76th to 79th St.)
(C-D Ramp)

SHEET 2 OF 25

REVISIONS	
NAME	DATE
REVISED	04/15/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG LAFAYETTE AVE.
77TH PL. TO 78TH ST.
WALL 73A - GENERAL NOTES
AND INDEX OF SHEETS

S.N. 016-W972 — DESIGNED BY: MI. DJR
SCALE: N.T.S. — DRAWN BY: DJR,MAF
DATE: MARCH 25, 2005 — CHECKED BY: TD, MI

TY·LIN INTERNATIONAL

$FILE$ $TIME$ $DATE$