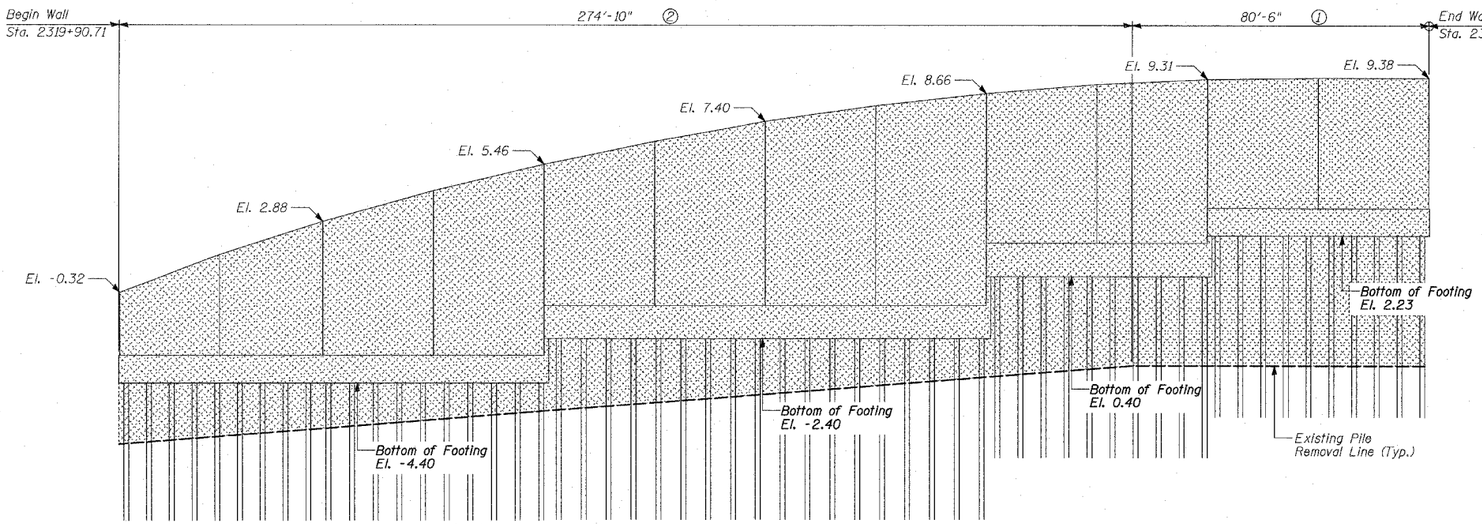
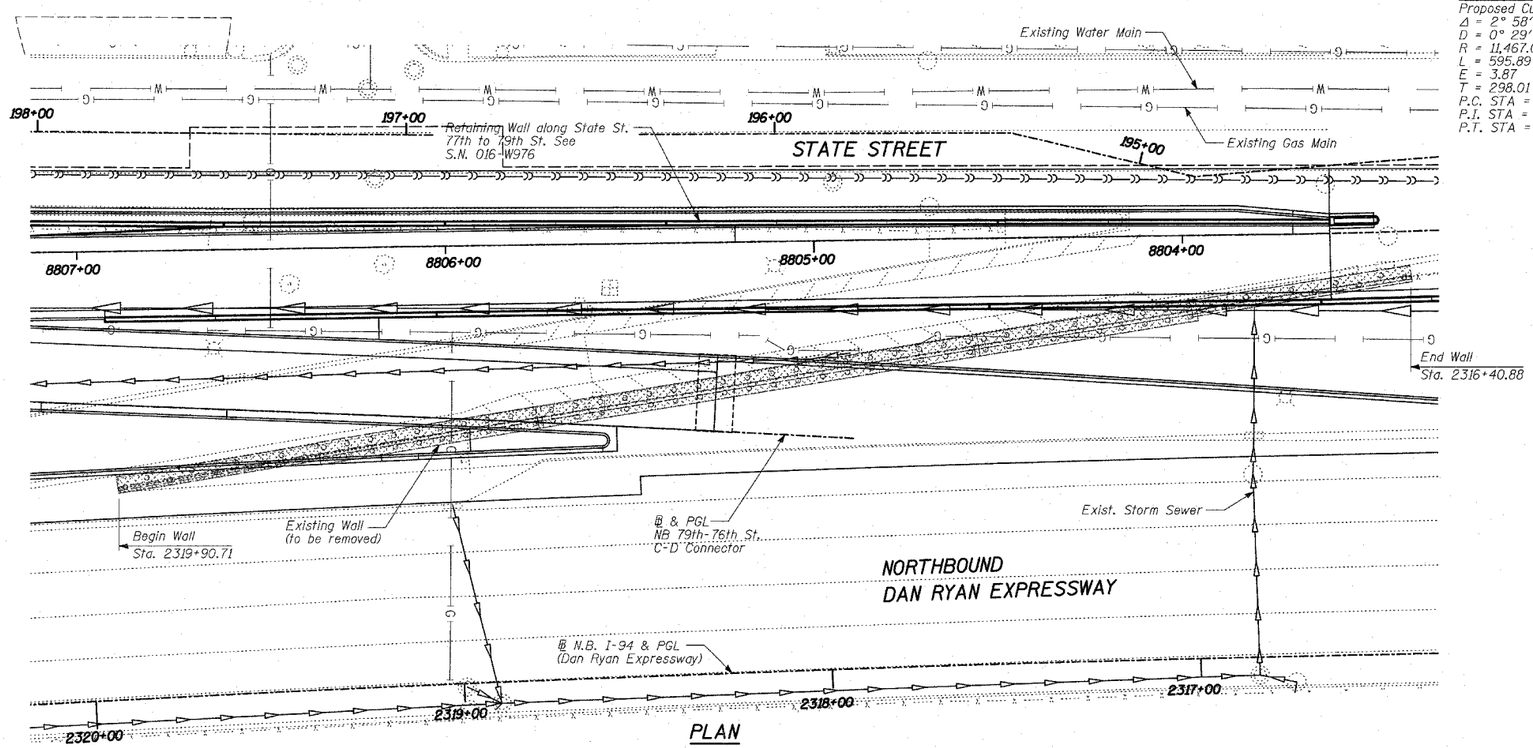
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	575
STA. 2200+00.00	TO STA. 2362+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• (1516.1, 1717 & 1818) R-8

62694



ELEVATION



PLAN

INDEX OF SHEETS

1. GENERAL PLAN
2. REMOVAL PLAN AND DETAILS
3. PLAN AND ELEVATION STA. 2319+92.27 TO STA. 2319+03.07
4. PLAN AND ELEVATION STA. 2319+03.07 TO STA. 2318+43.61
5. PLAN AND ELEVATION STA. 2318+43.61 TO STA. 2317+54.39
6. PLAN AND ELEVATION STA. 2317+54.39 TO STA. 2316+65.14
7. PLAN AND ELEVATION STA. 2316+65.14 TO STA. 2315+75.90
8. PLAN AND ELEVATION STA. 2315+75.90 TO STA. 2315+16.66
9. PLAN AND ELEVATION STA. 2315+16.66 TO STA. 2314+57.47
10. PLAN AND ELEVATION STA. 2314+57.47 TO STA. 2313+98.56
11. PARAPET TRANSITION
12. WALL SECTIONS AND DETAILS
13. BILL OF MATERIAL
14. LIGHT TOWER 5PGH2 FOUNDATION DETAILS
15. LIGHT TOWER DETAILS
16. PLAN AND ELEVATION - FLUTED KNEE WALL
17. TYPICAL SECTIONS, ELEVATIONS AND DETAILS - FLUTED KNEE WALL
18. EXISTING JUNCTION CHAMBER MODIFICATION
19. WALL CROSS SECTIONS & DETAILS
20. RUSTICATION DETAILS
21. ~~CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)~~
22. ~~GATE PLAN AND NOTES~~
23. ~~GATE ELEVATIONS~~
24. ~~GATE SECTIONS~~
25. ~~GATE SECTIONS AND DETAILS~~
26. BORING LOGS SB69-01 & SB69-02
27. BORING LOGS SB69-03 & SB69-04
28. BORING LOGS SB69-05 & SB69-06
29. BORING LOGS SB69-07 & SB69-08
30. EXISTING RETAINING WALL (1 OF 2)
31. EXISTING RETAINING WALL (2 OF 2)

CURVE DATA

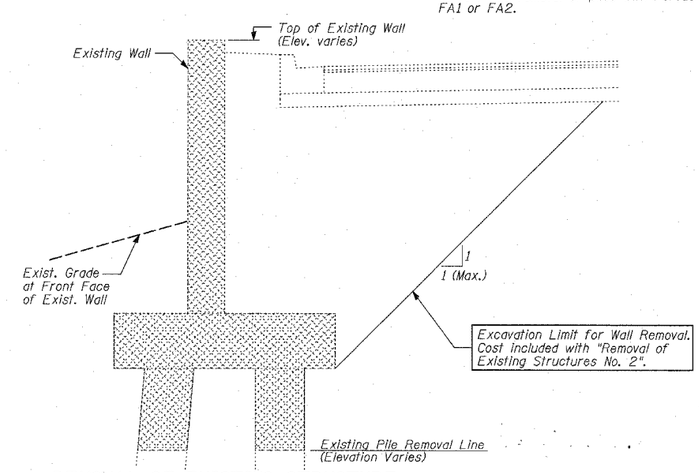
Proposed Curve NBDR01	Proposed Curve 79B76C-1	Proposed Curve CD7976A-1
Δ = 2° 58′ 38.60″ (LT)	Δ = 4° 25′ 49.28″ (RT)	Δ = 0° 44′ 21.14″ (LT)
D = 0° 29′ 58.77″	D = 2° 51′ 53.24″	D = 0° 29′ 51.43″
R = 11,467.00	R = 2,000.00	R = 11,514.00
L = 595.89	L = 154.65	L = 148.55
E = 3.87	E = 1.50	E = 0.24
T = 298.01	T = 77.36	T = 74.28
P.C. STA = 2313+90.93	P.C. STA. = 8802+22.95	P.C. STA. = 9470+00.00
P.I. STA = 2316+88.94	P.I. STA. = 8803+00.31	P.I. STA. = 9470+74.28
P.T. STA = 2319+86.82	P.T. STA. = 8803+77.60	P.T. STA. = 9471+48.55

NOTES:

1. For parts of existing wall interfering with the new wall, remove the wall and cut-off existing piles 1 foot (maximum) below the bottom of proposed wall footing.
2. All existing piles are 16"Φ concrete piles.
3. During removal of the existing retaining wall and piles, soil disturbance shall be kept at a minimum, and coordinated and approved by the Engineer.
4. All backfilling material placed after wall removal shall be Porous Granular Embankment. Cost of Porous Granular Embankment included with Removal of Existing Structures.

GENERAL NOTES:

1. Reinforcement bars shall conform to the requirements of AASHTO M31 or M322 Grade 60.
2. Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work. However, the Contractor will be paid for the quantity actually finished at the unit price bid for the work.
3. All exposed concrete edges shall be chamfered $\frac{3}{4}$" except as noted.
4. Protective Coat shall be applied to exposed surfaces of the retaining wall.
5. Existing utilities in conflict with retaining wall construction shall be abandoned or relocated according to directions given on the roadway plans.
6. All construction joints shall be bonded.
7. 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)
8. The Contractor is responsible to coordinate all electrical crossings with this Contract and with Contract 62583.
9. Backfill voids below spread footings for voids left after cut-off and removal of piles with Porous Granular Embankment FA1 or FA2.



REMOVAL OF EXISTING STRUCTURE

REMOVAL LIMITS

① Remove existing wall and cut-off existing piles 1'-0" (max.) below the location of proposed concrete footing.

② Cut-off and remove existing wall and piles to a depth which will not interfere with new construction, or a minimum of 1'-0" below finished grade.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Removal of Existing Structures No. 2	EACH	1

LEGEND

Removal of Existing Structure

TY·LIN INTERNATIONAL

SHEET 2 OF 31

REVISIONS NAME	DATE
REVISED	05/06/05
REVISED	04/15/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG STATE ST.
ENTRANCE RAMP AT 79TH ST.
WALL 69 - REMOVAL PLAN AND DETAILS

S.N. 016-W975
SCALE: N.T.S.
DATE: MARCH 18, 2005

DESIGNED BY: MI, DJR
DRAWN BY: DJR, PPL
CHECKED BY: TD, MI