F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	247
STA. 1200+00.00	TO STA. 1365+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (516.1,1717 & 1818) R-9				62695

EXISTING GROUND PROFILE AT PROPOSED ℄

EXISTING PROFILE ℄ LAFAYETTE AVENUE

PROPOSED PROFILE SB 76th TO 79th STREET C-D RAMP

RIM EL. = 6.32 — 269 — INV. EL. = -4.89

RIM EL. = 4.77 — 2628 — INV. EL. = -6.48

RIM EL. = 2.25 — 241 — INV. EL. = -8.07

RIM EL. = 1.30 — 2414 — INV. EL. = -9.31

INV. EL. = -9.56

1.08% -2.71% -0.50%

106'-SS, TY-2 15" RCP @ 1.50%

106'-SS, TY-2 18" RCP @ 1.50%

83'-SS, TY-2 18" RCP @ 1.50%

48'-SS, TY-2 18" @ 1.5%

MATCHLINE SB 76th TO 79th ST. C-D RAMP STA. 7510+50.00

EXISTING GROUND AT PROPOSED ℄

PROPOSED PROFILE GRADE LINE

7.66 7.55 7.44 7.44 7.53 7.75 7.87 8.01 7.94 7.63 7.32 6.98 6.83 6.64 6.41 6.36 6.19 6.09 5.99 5.82 5.81 5.49 5.64 4.94 5.51 4.26 5.45 3.62 5.53 3.06 5.55 2.58 5.36 2.18 5.18 1.86 4.91 1.61 4.17 1.45 3.47 1.32 3.19 1.20 2.95 1.07 3.17 0.95 3.16 0.82 3.17 0.70 3.60 0.57 3.77 0.45 3.79 0.32 3.78 0.20 3.72 0.07 3.94 -0.05 3.94 -0.18 3.73 -0.30 4.00 -0.43 3.89 -0.55

7504+00 7505+00 7506+00 7507+00 7508+00 7509+00 7510+00

SB 76TH TO 79TH STREET C-D RAMP

EXISTING PROFILE ℄ LAFAYETTE AVENUE

PROPOSED PROFILE SB 76th TO 79th ST. C-D RAMP

RIM EL. = -0.22 — 224 — INV. EL. = -12.46

RIM EL. = 4.95 — 2021 — INV. EL. = -9.67

RIM EL. = 6.50 — 202 — INV. EL. = -8.93

RIM EL. = 7.86 — 2020 — INV. EL. = -6.93

RIM EL. = 8.42 — 201 — INV. EL. = -6.23

INV. EL. = -4.28

+2.21% +0.40%

224 13'-SS, TY-3 18" @ 1.50%

202 49'-SS, TY-3 18" RCP @ 1.50%

182'-SS, TY-3 18" RCP @ 1.50%

2020 47'-SS, TY-3 12" RCP @ 1.50%

125'-SS, TY-3 12" RCP @ 1.50%

MATCHLINE SB 76th TO 79th ST. C-D RAMP STA. 7510+50.00

EXISTING GROUND AT PROPOSED ℄

PROPOSED PROFILE GRADE LINE

4.07 -0.68 3.94 -0.80 4.22 -0.93 4.27 -1.05 4.23 -1.18 4.18 -1.30 3.97 -1.43 4.10 -1.55 4.01 -1.68 4.28 -1.80 4.57 -1.93 5.30 -2.02 5.35 -2.05 5.68 -1.99 5.69 -1.86 5.81 -1.64 5.98 -1.35 5.93 -0.98 5.98 -0.53 6.12 -0.01 6.73 0.60 7.34 1.28 7.52 2.05 7.56 2.86 7.60 3.68 7.71 4.50 7.78 5.32 7.82 6.14 7.86 6.95 8.02 7.68 8.22 8.11 8.37 8.26 8.44 8.36 8.52 8.46 8.61 8.56 8.73 8.66 8.84 8.76 8.94 8.86 9.03 8.96 9.11 9.06 9.16 9.16 9.50 9.72 9.55 9.36 9.26

7511+00 7512+00 7513+00 7514+00 7515+00 7516+00 7517+00 7518+00 7519+00

SB 76TH TO 79TH STREET C-D RAMP

HORIZONTAL SCALE: 1" = 50'-0" VERTICAL SCALE: 1" = 5'-0"

REVISIONS NAME	DATE
REVISED	04/15/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)

DRAINAGE PROFILES

SB 76th TO 79th STREET C-D RAMP

SCALE: 1"=50' HORIZ. 1"=5' VERT.

DATE: MARCH 25, 2005

DRAWN BY: NSB

CHECKED BY: MPG

SHEET 4 OF 9

TYLIN INTERNATIONAL

PLAN: SURVEYED BY, DRAWN BY, ALIGNMENT CHECKED BY, PROFILE CHECKED BY, CADD FILE NAME, NOTE BOOK NO., DATE

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