F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	907	250
STA. 1200+00.00	TO STA. 1365+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (516,1,1717 & 1818) R-9				62695

PLAN — SURVEYED — DATE; PLOTTED — BY; DRAWN — CHECKED; ALIGNMENT — PT. OF WAY CHECKED; NOTE BOOK — CADD FILE NAME; NO.

PROPOSED PROFILE & SB I-94 (DAN RYAN)

PROPOSED GROUNDLINE ABOVE PROPOSED STORM SEWER

EX

STR. #121 IDOT CONTRACT NO. 62951 RIM EL. = -0.66

TWIN 66" CDWM INV. EL. = -7.43

RIM EL. = -0.37

RIM EL. = 2.04

RIM EL. = 3.64

RIM EL. = 2.96

RIM EL. = 3.00

RIM EL. = 2.66

+1.30% -1.30%

12" WATER

12" WATER

INV. EL. = -15.68

INV. EL. = -18.21

19'-SS, TY-3 24" RCP @ 0.30%

180'-SS, TY-3 24" RCP @ 0.30%

39'-STEEL CASING, 42"

39'-SS, 24" JACKED IN PLACE (JIP)

INV. EL. = -15.11

INV. EL. = -15.11

INV. EL. = -14.57

INV. EL. = -12.57

116'-SS, TY-3 18" RCP @ 0.40%

151'-SS, TY-3 18" RCP @ 0.40%

175'-SS, TY-3 18" RCP @ 0.50%

INV. EL. = -12.08

INV. EL. = -12.10

INV. EL. = -11.48

INV. EL. = -11.96

INV. EL. = -12.83

INV. EL. = -12.85

INV. EL.

MATCHLINE SB I-94 STA. 1274+00.00 (SEE BELOW)

PROPOSED STORM SEWER GROUNDLINE
PROPOSED PROFILE @ SB I-94 @

1263+00	1264+00	1265+00	1266+00	1267+00	1268+00	1269+00	1270+00	1271+00	1272+00	1273+00	1274+00
-5.23	-4.90	-4.58	-4.25	-3.93	-3.60	-3.28	-3.58	-2.95	-3.27	-2.63	-2.97
-2.30	-2.67	-1.98	-2.37	-1.65	-2.07	-1.33	-1.77	-1.00	-1.46	-0.68	-1.14
-0.35	-0.82	-0.03	-0.50	0.30	-0.18	0.62	0.14	0.95	0.46	1.27	0.79
1.59	1.04	1.89	1.26	2.18	1.49	2.44	1.71	2.69	1.93	2.92	2.15
3.13	2.37	3.32	2.59	3.50	2.81	3.65	3.04	3.79	3.26	3.91	3.12
4.02	2.66	4.10	2.75	4.17	2.83	4.22	2.92	4.25	3.01	4.26	3.09
4.26	3.18	4.23	3.27	4.19	3.20	4.13	3.11	4.05	3.02	3.96	2.93

SOUTHBOUND I-94

PROPOSED PROFILE & SB I-94 (DAN RYAN)

PROPOSED GROUNDLINE ABOVE PROPOSED STORM SEWER

MATCHLINE SB I-94 STA. 1274+00.00 (SEE ABOVE)

STR. #123 IDOT CONTRACT NO. 62951 RIM EL. = -0.91

TRIPLE 48" CDWM INV. EL. = -8.00

EX

RIM EL. = 4.36

RIM EL. = 3.59

RIM EL. = 2.07

165'-SS, TY-4 18" RCP @ 0.50%

155'-SS, TY-4 18" RCP @ 0.50%

137'-SS, TY-4 18" RCP @ 0.50%

277'-SS, TY-4 24" RCP @ 0.30%

45'-STEEL CASING, 42"

45'-SS, 24" JIP

INV. EL. = -13.67

INV. EL. = -15.96

INV. EL. = -15.17

INV. EL. = -16.64

INV. EL. = -17.64

INV. EL. = -18.47

INV. EL. = -19.47

MATCHLINE SB I-94 STA. 1283+00.00

PROPOSED STORM SEWER GROUNDLINE
PROPOSED PROFILE @ SB I-94 @

1274+00	1275+00	1276+00	1277+00	1278+00	1279+00	1280+00	1281+00	1282+00	1283+00
3.96	2.93	3.84	2.84	3.71	2.75	3.56	2.63	3.39	2.36
3.21	2.08	3.00	1.81	2.78	1.54	2.54	1.26	2.28	0.99
2.01	0.72	1.71	0.45	1.40	0.17	1.08	-0.10	0.75	-0.37
0.43	-0.66	0.10	-0.98	-0.22	-1.31	-0.55	-1.64	-0.87	-1.97
-1.20	-2.29	-1.52	-2.62	-1.85	-2.95	-2.17	-3.28	-2.50	-3.60
-2.82	-3.93	-3.15	-4.26	-3.47	-3.80	-4.12	-4.45	-4.77	-5.10
-5.42	-5.75	-6.07	-6.40						

SOUTHBOUND I-94

HORIZONTAL SCALE: 1" = 50'-0"

VERTICAL SCALE: 1" = 5'-0"

TY·LIN INTERNATIONAL

REVISIONS NAME	DATE
REVISED	04/15/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

DRAINAGE PROFILES
SB I-94
STA. 1265+00.00 TO 1283+00.00

SCALE: 1"=50' HORIZ. 1"=5' VERT.
DRAWN BY: NSB
DATE: MARCH 25, 2005
CHECKED BY: DA

SHEET 7 OF 9

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