F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	235

STA. 2200+00.00 TO STA. 2362+00.00

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

• (1516.1, 1717 & 1818) R-8

62694

PLAN — SURVEYED — DRAWN — ALIGNMENT CHECKED — PLAN CHECKED — CADD FILE NAME — NOTE BOOK — NO. — BY — DATE

MATCHLINE NB I-94 STA. 2232+00.00 (SEE PREV. SHEET)

PROPOSED PROFILE ℄ NB I-94 (DAN RYAN)

RIM EL. = -4.27

122 70'-SS JIP, TY-3 24" RCP @ 0.50%

124 8'-SS, TY-3 15" RCP @ 0.45%

-1.02% ○ +1.50%

70'-STEEL CASING, 42"

INV. EL. = -15.95

INV. EL. = -15.99

INV. EL. = -17.99

INV. EL. = -18.34

12" WATER MAIN

123 RIM EL. = -6.68

STR. NO. 118 IDOT CONTRACT 62591 EX

RIM EL. = 3.81

RIM EL. = 0.52

PROPOSED GROUNDLINE ABOVE PROPOSED STORM SEWER

138 RIM EL. = -1.0

138 11'-SS, TY-3 18" RCP @ 1.50%

INV. EL. = -9.74

INV. EL. = -9.90

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

135 INV. EL. = -9.76

135 INV. EL. = -8.33

331'-SS, TY-2 18" RCP @ 0.40%

INV. EL. = -7.01

INV. EL. = -7.01

146 RIM EL. = 2.42

146 RIM EL. = 2.38

142 +1.50% ○ -2.50%

142 88'-SS, TY-2 18" RCP @ 0.50%

INV. EL. = -6.57

INV. EL. = -6.56

148 RIM EL. = 2.02

148 86'-SS, TY-2 18" RCP @ 0.50%

INV. EL. = -6.13

48" CDWM, INV. EL. = -4.00

MATCHLINE NB I-94 STA. 2246+00.00 (SEE BELOW)

2+00 2233+00 2234+00 2235+00 2236+00 2237+00 2238+00 2239+00 2240+00 2241+00 2242+00 2243+00 2244+00 2245+00 2246

-5.43 -5.69 -5.94 -6.19 -6.42 -6.61 -6.75 -6.86 -6.93 -6.96 -6.95 -6.90 -6.82 -6.69 -6.52 -6.32 -6.07 -5.79 -5.46 -5.10 -4.72 -4.35 -3.97 -3.60 -3.22 -2.85 -2.47 -2.10 -1.72 -1.35 -0.97 -0.60 -0.22 0.15 0.53 0.90 1.28 1.64 1.97 2.28 2.55 2.79 3.00 3.18 3.32 3.44 3.52 3.58 3.60 3.59 3.55 3.48 3.37 3.24 3.07 2.88

MATCHLINE NB I-94 STA. 2246+00.00 (SEE ABOVE)

1417 RIM EL. = 2.54

PROPOSED PROFILE ℄ NB I-94 (DAN RYAN)

1412 15'-SS, TY-3 15" RCP @ 1.00% FROM NB 87TH ST. EXIT RAMP PROFILE

INV. EL. = -11.40

INV. EL. = -11.15

1417 281'-SS, TY-3 18" RCP @ 0.65%

153 RIM EL. = -4.41

153 165'-SS, TY-2 24" RCP @ 0.45%

INV. EL. = -13.22

INV. EL. = -15.22

PROPOSED GROUNDLINE ABOVE PROPOSED STORM SEWER

154 RIM EL. = -8.03

-2.50% ○ -0.50%

154 117'-SS, TY-2 24" RCP @ 0.44%

INV. EL. = -15.96

INV. EL. = -16.48

155 RIM EL. = -9.48

155 15" CTA SS, INV. EL. = -14.80

197'-SS, TY-2 30" RCP @ 0.30%

INV. EL. = -17.48

INV. EL. = -18.07

162 RIM EL. = -10.55

162 166'-SS, TY-2 30" RCP @ 0.30%

INV. EL. = -8.57

163 RIM EL. = -11.06

163 77'-SS, TY-2 36" RCP @ 0.19%

INV. EL. = -18.72

INV. EL. = -18.73

12" CTA SS, INV. EL. = -17.20

166 RIM EL. = -8.49

166 106'-SS, TY-3 36" RCP @ 0.19%

164 RIM EL. = -2.34

164 EX STR. NO. 120 IDOT CONTRACT 62591

RIM EL. = 3.13

-0.50% ○ +1.30%

164 25'-SS, TY3 36" RCP @ 0.20%

INV. EL. = -18.98

INV. EL. = -18.93

24" WATER

24" MTD

MATCHLINE NB I-94 STA. 2260+00.00 (SEE NEXT SHEET)

2246+00 2247+00 2248+00 2249+00 2250+00 2251+00 2252+00 2253+00 2254+00 2255+00 2256+00 2257+00 2258+00 2259+00 2260+00

2.88 2.65 2.39 2.10 1.78 1.42 1.04 0.62 0.18 -0.30 -0.81 -1.35 -1.92 -2.53 -3.15 -3.77 -4.40 -4.98 -5.53 -6.03 -6.50 -6.92 -7.30 -7.63 -7.93 -8.18 -8.40 -8.57 -8.70 -8.82 -8.95 -9.07 -9.20 -9.32 -9.45 -9.57 -9.70 -9.82 -9.95 -10.07 -10.20 -10.32 -10.45 -10.57 -10.70 -10.81 -10.87 -10.91 -10.90 -10.86 -10.77 -10.66 -10.50 -10.31 -10.07 -9.81 -9.50 -9.17

HORIZONTAL SCALE: 1" = 50'-0" (50 0 50 100)

VERTICAL SCALE: 1" = 5'-0" (5 0 5 10)

TY·LIN INTERNATIONAL

REVISIONS NAME	DATE
REVISED	04/15/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

DRAINAGE PROFILES

NB I-94

STA. 2232+00.00 TO 2260+00.00

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

DATE: MARCH 18, 2005

DRAWN BY: NSB

CHECKED BY: DA