F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	*	COOK	907	244

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 — BY — PLOTTED — CHECKED — NOTE BOOK — ALL R/W MAY BE CHECKED — NO. — CADD FILE NAME

PROPOSED PROFILE SB HALSTED EXIT RAMP

PROPOSED GROUNDLINE ABOVE PROPOSED STORM SEWER

EXISTING GROUND PROFILE AT PROPOSED ℄

RIM EL. = 5.62

RIM EL. = 4.62

RIM EL. = 5.92

RIM EL. = 4.97

RIM EL. = 0.82

RIM EL. = 5.42

STR NO. 3A3 IDOT CONTRACT 62694

RIM EL. = 3.12

RIM EL. = 1.77

PROPOSED PROFILE SB I-57 EXIT RAMP

32'-SS, TY-3 18" RCP @ 0.41%
INV. EL. U/S = -8.30
INV. EL. D/S = -8.43

143'-SS, TY-3 12" RCP @ 0.44%

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

130'-SS, TY-3 24" RCP @ 0.40%

67'-SS, TY-3 24" RCP @ 0.40%

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

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

INV. EL. = -6.60
INV. EL. = -7.22
INV. EL. = -7.72
INV. EL. = -8.30
INV. EL. = -8.93
INV. EL. = -9.45
INV. EL. = -9.49
INV. EL. = -9.79
INV. EL. = -9.35
INV. EL. = -8.62
INV. EL. = -8.88
INV. EL. = -8.89

97+00 98+00 99+00 100+00 101+00 102+00 103+00 104+00 105+00 106+00 107+00 108+00

EXISTING GROUND AT PROPOSED ℄ PROPOSED PROFILE ℄ GRADE LINE

SOUTHBOUND I-57

PROPOSED PROFILE ℄ WENTWORTH ENT. RAMP

PROPOSED PROFILE ℄ SB I-57

PROPOSED GROUNDLINE ABOVE PROPOSED STORM SEWER

EXISTING DOUBLE BOX STRUCTURE SURVEY DATA NOT AVAILABLE FIELD VERIFY BOTTOM OF STRUCTURE APPROX. = -10.52

7'6" x 8'4" COMBINED SEWER INV. EL. APPROX. = -6.00 SURVEY DATA NOT AVAILABLE FIELD VERIFY

RIM EL. = 6.06

RIM EL. = 2.69

RIM EL. = 3.30

RIM EL. = 2.22

RIM EL. = 1.88

RIM EL. = 1.11

+0.50% -0.50%

STR. #112 SEE DRAINAGE SCHEDULE SHEET (10 OF 10) FOR DETAILS

RECONSTRUCT RIM EL. TO 1.05

RIM EL. = 1.18

EXISTING GROUND PROFILE AT PROPOSED ℄

191'-SS, TY-4 15" RCP @ 0.57%

164'-SS, TY-4 24" RCP @ 0.25%

90'-SS, TY-4 30" RCP @ 0.22%

65'-STEEL CASING, 48"

119'-SS, TY-4 30" RCP @ 0.22%

127'-SS, TY-4 30" RCP @ 0.21%

75 9'-SS, TY-4 30" RCP @ 0.22%

76 8'-SS, TY-3 36" RCP @ 0.20%

MANHOLE WITH RESTRICTOR PLATES

INV. EL. = -9.67
INV. EL. = -10.76
INV. EL. = -12.76
INV. EL. = -13.17
INV. EL. = -15.17
INV. EL. = -15.37
INV. EL. = -15.39
INV. EL. = -15.64
INV. EL. = -15.90
INV. EL. = -15.92
INV. EL. = -12.63
INV. EL. = -12.65
INV. EL. = -25.72

65'-SS, 30" JACKED IN PLACE (JIP)

137+00 138+00 139+00 140+00 141+00 142+00 143+00 144+00 145+00 146+00

EXISTING GROUND AT PROPOSED ℄ SB I-57 ℄
PROPOSED PROFILE ℄ SB I-57 ℄

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

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

TYLIN INTERNATIONAL

SHEET 1 OF 9

REVISIONS NAME	DATE
REVISED	04/15/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)
DRAINAGE PROFILES
SB I-57
STA. 99+00.00 TO 107+00.00
SB I-57
STA. 137+00.00 TO STA. 146+00.00

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

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