[20] STA. 141+52.68, 27.5' LT.
INLET T–A, T–24 F & G
RIM = 601.45
INV = 598.70 (12" S)

[21] STA. 141+52.51, 38.5' RT.
INLET T–A, T–24 F & G
RIM = 601.23
INV = 598.36 (12" S)

[21A] STA. 142+34.77, 56.5' LT.
MH T–A, 4' DIA., T–1 FR., C.L.
RIM = 594.93
INV = 592.22 (12" NW & EX S)

[22] STA. 142+36.14, 38.1' LT.
MH T–A, 5' DIA., T–1 FR., C.L.
RIM = 601.91
INV = 592.27 (36" N & EX S)

[23] STA. 142+98.68, 64.9' RT.
INLET T–A, T–24 F & G
RIM = 602.64
INV = 599.14 (12" E & 4" S)

[23A] STA. 142+98.73, 80.8' RT
CB T–A, 4' DIA., T–1 FR., C.L.
RIM = 603.00
INV = 597.79 (12" N)
INV = 598.90 (12" W)
INV = 594.53 (12" S)

[24] STA. 110+99.21, 25.0' RT.
REMOVING INLET
TO MAINTAIN FLOW
INV = 598.20 (EX 12" N)

[25] STA. 110+99.18, 22.8' LT.
REMOVING INLET
TO MAINTAIN FLOW
INV = 599.30 (EX 12" S)

[26] STA. 110+99.21, 34.2' LT.
INLET T–A, T–24 F & G
RIM = 603.07
INV = 599.55 (12" S)

[27] STA. 110+77.60, 43.9' LT.
CB T–A, 5' DIA., T–24 F & G
RIM = 602.90
INV = 596.49 (36" EX. N & S)
INV = 599.60 (12" NW)

[28A] STA. 144+00.36, 60.2' RT.
MH TO BE ADJUSTED
EX RIM = 602.78
PR RIM = 603.40

[28] STA. 110+70.16, 50.6' LT.
INLET T–A, T–24 F & G
RIM = 602.95
INV = 599.64 (12" SE)

[29] STA. 109+28.15, 29.5' LT.
MH TO BE ADJUSTED
w/NEW T–1 FR., C.L.
EX RIM = 602.47
PR RIM = 602.37

[30] STA. 144+23.20, 29.5' RT.
INLET TO BE REMOVED

[31] STA. 144+23.20, 36.1' RT.
CB T–A, 5' DIA., T–24 F & G
RIM = 603.29
INV = 599.94 (12" W, E & N)

[32] STA. 144+22.53, 56.1' RT.
PRC FLARED END SECTION, 12"
INV = 599.86

[33] STA. 144+46.72, 29.2' LT.
INLET TO BE REMOVED

[34] STA. 144+46.72, 29.3' LT.
INLET T–A, T–11 F & G
RIM = 603.40
INV = 600.29 (12" SE)

[35] STA. 144+92.12, 29.3' RT.
INLET T–A, T–11 F & G
RIM = 604.68
INV = 600.28 (12" S)

[36] STA. 109+10.00, 30' RT.
CB T–A, 4' DIA., T–11 F & G
RIM = 601.84
INV = 596.79 (12" W)

(8) SEE SHEET 34

(10) SEE SHEET 34

(10A) 11' – 12" SS CL. A, T–2 @ 0.5%
TBF = 0 CU. YD.
CONNECT TO PROPOSED HEADWALL
SEE DETAIL SHEET 91

(10B) 9' – 12" SS REMOVAL

(10C) 13' – 36" SS CL. A, T–2 @ 0.4%
TBF = 0 CU. YD.
CONNECT TO PROPOSED CULVERT
SEE DETAIL SHEET 91

(10D) 21' – 36" SS REMOVAL

(11) 16' – 36" SS CL. A, T–2 @ 1.4%
TBF = 3.5 CU. YD.
CONNECT TO PROPOSED CULVERT
SEE DETAIL SHEET 91

(11A) 6' – 36" SS REMOVAL

(12) 18' – 12" SS WMR T–2 @ 2.3%
TBF = 3.7 CU. YD.

(12A) 25' – PIPE UNDERDRAIN, 4"

(12B) 12' – 12" SS WMR T–2 @ 2.0%
TBF = 1.6 CU. YD.

(13) 25' – 12" SS REMOVAL

(14) 18' – 12" SS CL. A, T–2 @ 4.8%
TBF = 0 CU. YD.
CONNECT TO PROPOSED HEADWALL
SEE DETAIL SHEET 91

(15) 11' – 12" SS CL. A, T–1 @ 2.3%
TBF = 1.5 CU. YD.

(16) 5' – 36" SS REMOVAL

(17) 7' – 12" SS CL. A, T–1 @ 0.5%
TBF = 1.0 CU. YD.

(17A) 25' – PIPE UNDERDRAIN, 4"

(17B) 25' – PIPE UNDERDRAIN, 4"

(18) 70' – 12" SS CL. A, T–1 @ 0.5% (TO BE CONSTRUCTED UNDER DAILY LANE CLOSURES)
TBF = 9.3 CU. YD.

(19) 20' – 12" SS REMOVAL

(20) 9' – 12" SS WMR T–1, @ 0.5%
TBF = 1.4 CU. YD.

(21) 62' – 12" SS REMOVAL

(22) 74' – 12" SS WMR T–2, @ 0.5%
TBF = 10.6 CU. YD.

(23) 8' – 12" SS CL. A, T–2 @ 2.0%
TBF = 9.6 CU. YD.

(24) CONNECT TO EXISTING PIPE
SEE DETAIL SHEET 85
INV = 596.63 (12")
INV = 592.13 (EX 72")

△3 STA. 142+34.84, 1.5' LT.
SAN MH TO BE ADJUSTED
EX RIM = 601.98
PR RIM = 602.20

△4 STA. 142+93.60, 1.4' LT.
SAN MH TO BE ADJUSTED
EX RIM = 602.10
PR RIM = 602.44

△5 STA. 143+61.59, 0.7' RT.
SAN MH TO BE ADJUSTED
EX RIM = 602.64
PR RIM = 602.90

/8\ STA. 109+51.58, 35.6' LT.
V.V. TO BE ADJUSTED
EX RIM = 602.46
PR RIM = 602.97

/9\ STA. 110+32.51, 16.4' LT.
V.V. TO BE ADJUSTED
EX RIM = 602.54
PR RIM = 602.97

/10\ STA. 144+10.95, 42.2' RT.
V.V. TO BE REMOVED

/10A\ STA. 144+02.54, 36.7' RT.
FH TO BE REMOVED

/10B\ STA. 143+98.61, 41.2' RT.
VALVE VAULT, TYPE A, 5'–DIA., T–1 FR., C.L.
WITH 12" VALVE
PR RIM = 603.08
CONNECT TO EXISTING WATERMAIN 12"

/11\ STA. 111+09.03, 35.5' LT.
V.V. TO BE ADJUSTED
EX RIM = 603.02
PR RIM = 603.50

/12\ STA. 144+10, 54.1' RT.
FH W/ AUX. VALVE & VALVE BOX

/12A\ 12' – DUCTILE IRON WATERMAIN, 6"
TBF = 8.1 CU. YD.
CONNECT TO EXISTING WATERMAIN 12"

/13\ STA. 144+71, 40' RT.
CONNECT TO EXISTING WATERMAIN 12"

/14\ 67' – DUCTILE IRON WATERMAIN, 12"
51' – WATERMAIN REMOVAL, 12"
TBF = 49.9 CU. YD.

/15\ STA. 144+85, 46' RT.
VALVE VAULT, TYPE A, 5'–DIA., T–1 FR., C.L.
WITH 10" VALVE
RIM = 604.50

/16\ STA. 144+96, 38' RT.
VALVE VAULT, TYPE A, 5'–DIA., T–1 FR., C.L.
WITH 12" VALVE
RIM = 605.00

/17\ STA. 145+12, 40.6' RT.
VALVE VAULT TO BE REMOVED

/18\ STA. 145+25, 39' RT.
STRUCTURE TO BE ABANDONED

/19\ STA. 145+32, 39' RT.
VALVE VAULT, TYPE A, 5'–DIA., T–1 FR., C.L.
WITH 12" VALVE
RIM = 605.64
CONNECT TO EXISTING WATERMAIN 12"

/20\ 15' – DUCTILE IRON WATERMAIN, 10"
TBF = 1.5 CU. YD.

/21\ STA. 144+95, 45.8' RT.
WATER METER STRUCTURE (SEE DETAIL SHEET NO. 93)
WATER VALVE 10"
WATER METER INSTALLED – FURNISHED BY CITY OF
JOLIET WATER DEPARTMENT

/22\ 71' – DUCTILE IRON WATERMAIN, 10"
TBF = 0 CU. YD.

/23\ 30' – DUCTILE IRON WATERMAIN, 10"
TBF = 1.5 CU. YD.

/24\ 43' – WATER MAIN REMOVAL, 10"
TBF = 0 CU. YD.

/25\ STA. 145+39, 73' RT.
VALVE VAULT, TYPE A, 5'–DIA., T–1 FR., C.L.
WITH 10" VALVE
RIM = 605.16
CONNECT TO EXISTING WATERMAIN 10"

FILE NAME =	USER NAME =	DESIGNED BLG/KRK	REVISED —
		DRAWN BLG/KRK	REVISED —
	PLOT SCALE =	CHECKED DJK	REVISED —
	PLOT DATE =	DATE 5–29–09	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITY NOTES
ESSINGTON ROAD AT HENNEPIN DRIVE

SCALE: | SHEET NO. 3 OF 8 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0326	06–00130–00–CH	WILL	116	36
		CONTRACT NO. 63185		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT M–8003(654)		