79 STA. 219+77.1, 41.0' LT
MH T-A, 5' DIA.
TYPE 1 FR., C.L.
RIM = 823.04
INV = 811.69 (24" S)
INV = 811.79 (24" N)
INV = 819.54 (4" SW)
INV = 817.00 (EX 12" E)

80 STA. 219+77.1, 41.0' LT
MH TO BE REMOVED

81 STA. 219+82.3, 36.6' LT
CB TO BE REMOVED

82 STA. 219+82.3, 37.6' LT
CB T-A, 4' DIA.
TYPE 24 F & G
RIM = 822.72
INV = 817.03 (12" S)

83 STA. 220+00.0, 43.6' LT
CB T-A, 5' DIA.
TYPE 8 GRATE
RIM = 822.82
INV = 811.92 (24" S)
INV = 812.02 (24" NE)

84 STA. 219+81.8, 29.9' RT
FR & LIDS ADJUST SPL
EX RIM = 822.24
PR RIM = 822.90

85 STA. 219+81.7, 34.5' RT
REMOVING INLET
TO MAINTAIN FLOW
INV = 819.5 (EX 12" W)

86 STA. 219+81.7, 48.4' RT
CB T-C
TYPE 24 F & G
RIM = 822.51
INV = 819.58 (12" W)
INV = 819.58 (4" SE)

87 STA. 220+31.9, 37.0' LT
CB TO BE REMOVED

88 STA. 220+29.5, 27.8' LT
MH T-A, 5' DIA.
TYPE 1 FR., C.L.
RIM = 822.75
INV = 812.19 (24" SE)
INV = 812.29 (24" N)
INV = 814.23 (EX 12" E)

89 STA. 220+30.9, 9.5' RT
CB T-A, 4' DIA.
TYPE 11 F & G
RIM = 823.17
INV = 817.13 (EX 12" W)
INV = 819.12 (12" N)

90 STA. 220+31.8, 30.1' RT
CB TO BE FILLED

91 STA. 220+31.5, 37.0' RT
INLET TO BE FILLED

92 STA. 220+45.1, 8.0' RT
CB T-C
TYPE 11 F & G
RIM = 823.17
INV = 819.27 (12" S)

93 STA. 220+68.6, 34.4' LT
CB T-C
TYPE 24 F & G
RIM = 822.58
INV = 819.08 (12" N)
INV = 819.08 (4" NW & SW)

94 STA. 220+79.4, 28.5' LT
MH T-A, 5' DIA.
TYPE 1 FR., C.L.
RIM = 822.70
INV = 819.02 (12" W)
INV = 812.56 (24" S)
INV = 812.66 (24" N)
INV = 814.63 (EX 12" E)

95 STA. 220+79.2, 34.5' LT
CB T-A, 4' DIA.
TYPE 24 F & G
RIM = 822.58
INV = 819.04 (12" N)
INV = 819.04 (12" S)
INV = 819.04 (12" E)

96 STA. 220+82.3, 37.1' LT
CB TO BE REMOVED

97 STA. 220+81.1, 3.0' LT
FR & LIDS ADJUST SPL
EX RIM = 822.88
PR RIM = 823.18

98 STA. 220+89.2, 34.7' LT
CB T-C
TYPE 24 F & G
RIM = 822.59
INV = 819.09 (12" S)

99 STA. 220+70.7, 52.5' RT
CB T-C
TYPE 24 F & G
RIM = 822.12
INV = 819.55 (12" N)
INV = 819.55 (4" NE & SE)

100 STA. 220+81.6, 29.8' RT
FR & LIDS ADJUST SPL
EX RIM = 822.20
PR RIM = 822.64

101 STA. 220+81.6, 39.3' RT
REMOVING INLET
TO MAINTAIN FLOW
INV = 819.4 (EX 12" W)

102 STA. 220+86.3, 53.2' RT
CB T-A, 4' DIA.
TYPE 24 F & G
RIM = 822.12
INV = 819.48 (12" SW)
INV = 819.48 (12" S)

103 STA. 220+98.6, 41.7' LT
MH TO BE FILLED

104 STA. 221+54.5, 37.1' LT
CB TO BE FILLED

105 STA. 221+57.4, 29.8' RT
FR & LIDS ADJUST SPL
EX RIM = 822.52
PR RIM = 822.86

106 STA. 221+57.3, 41.7' RT
REMOVING INLET
TO MAINTAIN FLOW
INV = 819.6 (EX 12" W)

107 STA. 221+57.3, 53.2' RT
CB T-C
TYPE 24 F & G
RIM = 822.32
INV = 819.65 (12" W)

108 STA. 222+18.6, 37.7' LT
INLET TO BE FILLED

109 STA. 222+26.2, 30.5' LT
MH T-A, 5' DIA.
TYPE 1 FR., C.L.
RIM = 823.33
INV = 813.51 (24" S)
INV = 813.61 (24" N)
INV = 816.56 (EX 12" E)

110 STA. 222+24.9, 43.0' LT
MH TO BE FILLED

111 STA. 222+32.4, 29.9' RT
FR & LIDS ADJUST SPL
EX RIM = 822.92
PR RIM = 823.14

112 STA. 222+73.0, 44.7' LT
CB T-A, 4'-DIA.,
TYPE 24 F & G
RIM = 823.87
INV = 814.43 (12" E)
INV = 819.20 (12" N)

113 STA. 223+07.3, 29.7' RT
FR & LIDS ADJUST SPL
EX RIM = 823.18
PR RIM = 823.49

114 STA. 223+16.0, 49.0' LT
INLET T-A
TYPE 11V F & G
RIM = 823.41
INV = 819.41 (12" S)

115 STA. 223+19.5, 50.3' LT
INLET TO BE REMOVED

116 STA. 223+60.8, 40.7' LT
MH T-A, 5' DIA.
TYPE 1 FR., C.L.
RIM = 823.78
INV = 814.39 (24" S)
INV = 815.6 (EX 12" NE)
INV = 816.5 (24" N)
INV = 817.3 (EX 4" W)
INV = 820.04 (12" NW)

117 STA. 223+60.8, 40.7' LT
MH TO BE REMOVED

118 STA. 223+74.5, 50.0' LT
INLET T-A
TYPE 24 F & G
RIM = 823.51
INV = 820.11 (12" SE)
INV = 820.11 (4" SW)

119 STA. 223+77.5, 52.0' LT
INLET TO BE REMOVED

120 STA. 223+85.3, 29.5' RT
FR & LIDS ADJUST SPL
EX RIM = 823.52
PR RIM = 823.88
INV = 817.0 (EX 12" N)
INV = 817.0 (EX 12" SW)
INV = 819.54 (12" SE)

121 STA. 223+74.0, 44.6' RT
CB T-C
TYPE 24 F & G
RIM = 823.52
INV = 819.62 (12" NW)
INV = 820.02 (4" NE)

122 STA. 224+41.8, 3.8' LT
FR & LIDS ADJUST SPL
EX RIM = 824.31
PR RIM = 824.88

123 STA. 224+48.4, 7.9' LT
FR & LIDS ADJUST SPL
EX RIM = 824.31
PR RIM = 824.85

124 STA. 224+51.1, 41.0' LT
FR & LIDS ADJUST SPL
EX RIM = 823.76
PR RIM = 824.21

125 STA. 224+16.8, 42.5' RT
MH TO BE ADJUSTED
(NOT FOUND IN FIELD)

126 STA. 224+49.4, 32.6' RT
MH TO BE ADJUSTED
EX RIM = 824.24
PR RIM = 824.54

127 STA. 224+92.1, 49.0' LT
CB T-C
TYPE 24 F & G
RIM = 824.20
INV = 821.41 (12" E)

128 STA. 224+52.2, 49.8' LT
INLET TO BE REMOVED

129 STA. 224+85.2, 7.1' LT
FR & LIDS ADJUST SPL
EX RIM = 824.56
PR RIM = 825.04

130 STA. 224+86.5, 29.7' RT
CB T-C
TYPE 24 F & G
RIM = 824.38
INV = 820.21 (12" E)

131 STA. 224+88.5, 30.2' RT
INLET TO BE REMOVED

(47) SEE SHEET NO. 69

(48) SEE SHEET NO. 69

(49) 3' - 12" S.S. REMOVAL

(50) 3' - 12" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 1.6 CU. YD.
(TIE INTO EXISTING WYE AT OUTLET)

(51) 18' - 24" S.S., CL. A, T-2 @ 0.7%
T.B.F. = 10.1 CU. YD.

(52) 15' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 2.0 CU. YD.

(53) 23' - 15" S.S. REMOVAL

(54) 29' - 24" S.S., CL. A, T-2 @ 0.6%
T.B.F. = 40.5 CU. YD.

(55) 16' - 12" S.S. REMOVAL
T.B.F. = 18.8 CU YD

(56) 4' - 12" S.S. REMOVAL

(57) 11' - 12" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 2.3 CU. YD.

(58) 1' - 12" S.S. REMOVAL
T.B.F. = 0.2 CU. YD.

(59) 45' - 24" S.S., CL. A, T-2 @ 0.6%
T.B.F. = 69.3 CU. YD.

(60) 8' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 1.4 CU. YD.

(61) 4' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 0.7 CU. YD.

(62) 1' - 12" S.S. REMOVAL
T.B.F. = 0.2 CU. YD.

(63) 13' - 12" S.S. REMOVAL

(64) 7' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 1.2 CU. YD.

(65) 13' - 12" S.S., W.M.R. @ 0.5%
T.B.F. = 1.8 CU. YD.

(66) 16' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 2.2 CU. YD.
CONNECT TO STR 101 W/ 15° BEND
(PAID FOR AS "S.S., CL. A, T-1")

(67) 12' - 12" S.S. REMOVAL
T.B.F. = 2.4 CU. YD.
(REMOVE DOWNSTREAM 12',
ABANDON REMAINING)

(68) 142' - 24" S.S., CL. A, T-2 @ 0.6%
T.B.F. = 206.9 CU. YD.

(69) 12' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 1.6 CU. YD.

(70) S.S. TO BE ABANDONED

(71) 13' - 12" S.S. REMOVAL
T.B.F. = 12.1 CU. YD.

(72) 130' - 24" S.S., CL. A, T-2 @ 0.6%
T.B.F. = 178.8 CU. YD.

(73) 10' - 12" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 12.0 CU. YD.

(74) CONNECT TO PROPOSED PIPE
INV = 814.38 (12" W)
INV = 813.88 (24" N & S)

(75) 96' - 12" S.S. REMOVAL
T.B.F. = 112.0 CU. YD.

(76) 42' - 12" S.S., W.M.R. @ 0.5%
T.B.F. = 10.4 CU. YD.

(77) 8' - 12" S.S. REMOVAL
T.B.F. = 8.5 CU. YD.

(78) NOT USED

(79) 18' - 12" S.S. REMOVAL
T.B.F. = 9.3 CU. YD.

(80) 14' - 12" S.S., W.M.R. @ 0.5%
T.B.F. = 2.3 CU. YD.

(81) 16' - 12" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 3.7 CU. YD.

(82) 1' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 0.2 CU. YD.

(83) 1' - 12" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 0.3 CU. YD.

15 STA. 220+79.9, 49.7' RT
FH TO BE REMOVED

16 STA. 220+80.1, 70.0' RT
FH W/ AUX VALVE & VALVE BOX
NON-PRESSURE CONNECTION

17 STA. 222+92.3, 57.8' RT
V.V. TO BE ADJUSTED
EX RIM = 822.88
PR RIM = 822.63

18 STA. 224+05.7, 45.7' RT
FH TO BE ADJUSTED

(4) 11' - DUCTILE IRON WATER MAIN 6"
T.B.F. = 4.5 CU. YD.

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
STA. 2329_DU_814_GRAD
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
STA. 2329_DU_814_GRAD
NOTE BOOK
NO.
BY
DATE

FILE NAME = ...\2329\dgn\sheet\2329_DU_814.dgn	USER NAME = djk	DESIGNED - JAT	REVISED -
		DRAWN - JAT	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED - DJK	REVISED -
	PLOT DATE = 8/17/2012	DATE - 8-20-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BARRINGTON ROAD
DRAINAGE AND UTILITIES

SCALE: 1" = 20' | SHEET NO. 6 OF 15 SHEETS | STA. 214+00 TO STA. 219+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1322	01-00074-00-CH	COOK	245	71

CONTRACT NO. 63629

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT M-CMM-8003(051)