CONTRACT NO. 60A91

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
334	••	MCHENRY	98	42
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

•• 111 RS-5 & 116 B-I

(1) PROP. 15" STORM SEWER,
CLASS A, TY II, 155' @ 2.0%
WITH ONE FLARED END SECTION
US 12 (E), STA 15+21, 39.28' LT
INV. 782.30 (E)

(2) PROP. 12" STORM SEWER,
CLASS A, TY II, 6' @ 1.0%

(3) PROP. 15" STORM SEWER,
CLASS A, TY II, 210' @ 1.64%
T.B.F.: 85 CY

(4) PROP. 12" STORM SEWER,
CLASS A, TY II, 10' @ 1.0%

(5) PROP. 15" STORM SEWER,
CLASS A, TY II, 65' @ 1.38%
T.B.F.: 22 CY

(6) PROP. 12" STORM SEWER,
CLASS A, TY II, 40' @ 1.4%

(7) PROP. 12" STORM SEWER,
CLASS A, TY II, 9' @ 1.0%

(8) PROP. 12" STORM SEWER,
CLASS A, TY II, 75' @ 0.68%
T.B.F.: 47 CY

(9) PROP. 12" STORM SEWER,
CLASS A, TY II, 175' @ 0.6%
T.B.F.: 20.9 CY

(10) PROP. 12" STORM SEWER,
CLASS A, TY II, 11' @ 1%

(11) PROP. 12" STORM SEWER,
CLASS A, TY I, 63' @ 1.0%
T.B.F.: 11.2 CY

(12) PROP. 12" STORM SEWER,
CLASS A, TY II, 38' @ 0.80%
T.B.F.: 24.6 CY

(13) PROP. 12" STORM SEWER,
CLASS A, TY II, 46' @ 1.13%

(14) PROP. 12" STORM SEWER,
CLASS A, TY I, 48' @ 1.56%
T.B.F.: 6.34 CY

(15) PROP. 6" STORM SEWER,
CLASS A, TY II, 125' @ 0.4%
T.B.F.: 5 CY

(16) PROP. 12" STORM SEWER,
CLASS A, TY I, 51' @ 0.2%
T.B.F.: 5.6 CY

(1)

△1 MH TY A, 4' DIA.
TYPE I FRAME, CLOSED LID
US 12 (E), STA 13+60, 37.3' LT
T.O.G. 792.0
INV. 785.45 (W)
INV. 785.25 (E)
INV. 786.68 (S)

△2 CB TY C, 2' DIA.
TYPE 24 FRAME AND GRATE
US 12 (E), STA 13+60, 29.3' LT
T.O.G. 791.67
INV. 786.75 (N)

△3 MH TY A, 4' DIA.
TYPE I FRAME, CLOSED LID
US 12 (E), STA 11+50, 40.5' LT
T.O.G. 796.80
INV. 789.00(W)
INV. 788.90 (E)
INV. 791.00 (S)

△4 CB TY C, 2' DIA.
TYPE 24 FRAME AND GRATE
US 12 (E), STA 11+50, 29.3' LT
T.O.G. 796.26
INV. 791.09 (N)

△5 MH TY A, 4' DIA.
TYPE I FRAME, CLOSED LID
US 12 (E), STA 10+85, 40.3' LT
T.O.G. 797.5
INV. 790.00 (NW)
INV. 789.90 (E)

△6 MH TY A, 4' DIA.
TYPE I FRAME, CLOSED LID
US 12 (N), STA 20+50, 49.6' RT
T.O.G. 798.0
INV. 792.08 (N)
INV. 790.30 (SE)
INV. 790.55 (W)

△7 CB TY C, 2' DIA.
TYPE 24 FRAME AND GRATE
US 12 (N), STA 20+56, 41.4' RT
T.O.G. 797.42
INV. 790.65 (SE)
INV. 790.75 (W)

△8 CB TY C, 2' DIA.
TYPE 24 FRAME AND GRATE
US 12 (N), STA 20+56, 34.34' LT
T.O.G. 797.61
INV. 791.26 (E)
INV. 791.36 (SW)

△9 MH TY A, 4' DIA.
TYPE I FRAME, CLOSED LID
US 12 (N), STA 22+24, 43.8' RT
T.O.G. 798.5
INV. 793.33 (NW)
INV. 793.13 (S)

△10 CB TY C, 2' DIA.
TYPE 24 FRAME AND GRATE
US 12 (N), STA 22+31, 33.6' RT
T.O.G. 798.5
INV. 793.73 (W)
INV. 793.43 (SE)

△11 CB TY C, 2' DIA.
TYPE 24 FRAME AND GRATE
US 12 (N), STA 22+31, 29.2' LT
T.O.G. 798.7
INV. 794.35 (E)

△12 CB TY C, 2' DIA.
TYPE 24 FRAME AND GRATE
US 12 (N), STA 20+25, 57.2' LT
T.O.G. 796.80
INV. 791.76 (SW)
INV. 791.66 (NE)

△13 CB TY C, 2' DIA.
TYPE 24 FRAME AND GRATE
TRYON G. RD., STA 9+00, 19.2' LT
T.O.G. 796.78
INV. 792.28 (NE)
INV. 792.38 (S)

△14 CB TY C, 2' DIA.
TYPE 24 FRAME AND GRATE
TRYON G. RD., STA 9+00, 31.2' RT
T.O.G. 796.57
INV. 793.13 (N)

△15 CB TY C, 2' DIA.
TYPE 24 FRAME AND GRATE
TRYON G. RD., STA 7+82, 19.6' LT
T.O.G. 796.35
INV. 793.00 (E)
INV. 793.25 (S)

△16 CB TY C, 2' DIA.
TYPE 24 FRAME AND GRATE
TRYON G. RD., STA 7+80, 30.8' RT
T.O.G. 796.00
INV. 793.3 (N)

(1)

NOTE:
ALL OFFSETS OF CATCH BASINS ARE MESURED TO THE CENTER OF THE FRAME

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULE
U.S. RTE. 12 @
IL. RTE. 31 /TRYON GROVE RD.

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

△1 REVISED 7/23/07 AM

PLOT DATE = 7/24/2007
FILE NAME = c:\pro_jects\pll489\pll489aam32
PLOT SCALE = 50.000000 ' / IN.
USER NAME = mcdyle