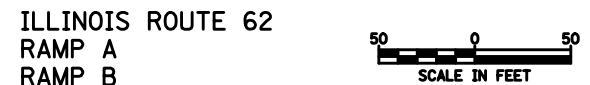


- RAMP A**
 [247] STA. 0+76.46, 62.1' RT
 CB ADJUST
 EX RIM = 755.42
 PR RIM = 754.06
 INV = 752.90 EX (SE)
 INV = 750.90 EX (SSE)
 INV = 750.90 (NW)
- RAMP A**
 [543] STA. 0+83.64, 32.6' RT
 CB TA 4 DIA T24F&G
 RIM = 753.67
 INV = 749.50 (E)
 INV = 749.40 (W)
- RAMP A**
 [535] STA. 2+50.00, 54.8' RT
 MAN TA 4 DIA T1F CL
 RIM = 750.50
 INV = 747.17 (N)
 INV = 747.17 (S)
 INV = 747.17 (SW)
- RAMP A**
 [545] STA. 2+00.91, 27.4' RT
 CB TC T24F&G
 RIM = 751.70
 INV = 747.70 (N)
- RAMP A**
 [547] STA. 2+25.00, 26.6' RT
 CB TA 6 DIA T24F&G
 RIM = 751.50
 INV = 747.08 (NE)
 INV = 747.08 (SW)
 INV = 747.08 (S)
 INV = 748.00 (4" W)
- RAMP A**
 [549] STA. 2+18.00, 55.0' RT
 PRC FLAR END SEC 12
 INV = 749.50 (N)
- RAMP A**
 [536] STA. 1+40.12, 68.1' LT
 PRC FLAR END SEC 18
 W/GRATING
 INV = 746.75 (NE)
- RAMP A**
 [538] STA. 60+70.00, 48.6' LT
 CB TC T1F OL
 RIM = 752.13
 INV = 749.13 (E)
 INV = 749.13 (W)
- RAMP A**
 [535] 121'-STORM SEW CL A 1, 18" @ 0.27%
 TBF=9.7 CU YD
- RAMP A**
 [536] 31'-STORM SEW CL A 2, 18" @ 0.29%
 TBF=0.0 CU YD
- RAMP A**
 [537] 26'-STORM SEW CL A 2, 12" @ 5.38%
 TBF=0.0 CU YD
- RAMP A**
 [538] 25'-STORM SEW CL A 1, 12" @ 0.52%
 TBF=3.3 CU YD
- RAMP A**
 [545] 21'-STORM SEW CL A 1, 12" @ 2.95%
 TBF=2.8 CU YD
- RAMP A**
 [542] 54'-STORM SEW CL A 1, 12" @ 0.50%
 TBF=7.1 CU YD
- RAMP A**
 [568] 24'-STORM SEW CL A 1, 12" @ 9.71%
 TBF=0.0 CU YD
- RAMP A**
 [U66] 62'-PIPE UNDERDRAIN, 4"

- IL RTE. 62 MAINLINE**
 [252] STA. 66+31.69, 38.5' LT
 CB ADJUST
 EX RIM = 762.93
 PR RIM = 763.87
- IL RTE. 62 MAINLINE**
 [253] STA. 67+96.93, 28.2' LT
 CB ADJUST
 EX RIM = 761.96
 PR RIM = 761.81
 INV = 758.06 EX (NE)
 INV = 758.16 EX (SW)
 INV = 758.31 (4" S)
- IL RTE. 62 MAINLINE**
 [253A] STA. 67+91.57, 27.5' RT
 INLET ADJUST
 EX RIM = 762.68
 PR RIM = 762.65
- IL RTE. 62 MAINLINE**
 [254] STA. 63+09.22, 50.3' LT
 CB ADJUST
 EX RIM = 759.05
 PR RIM = 759.10
- IL RTE. 62 MAINLINE**
 [525] STA. 59+65.66, 52.2' LT
 PRC FLAR END SEC 24
 W/GRATING
 INV = 747.30
- IL RTE. 62 MAINLINE**
 [531] STA. 63+00.00, 38.4' RT
 CB TC T24F&G
 RIM = 759.50
 INV = 754.50 (NW)
 INV = 756.00 (4" NE)
- IL RTE. 62 MAINLINE**
 [532] STA. 61+50.00, 45.1' RT
 CB TA 4 DIA T24F&G
 RIM = 755.00
 INV = 750.50 (W)
 INV = 752.50 (SE)
- IL RTE. 62 MAINLINE**
 [539] STA. 60+49.31, 27.5' LT
 CB TA 4 DIA T24F&G
 RIM = 752.67
 INV = 749.00 (E)
 INV = 749.00 (NW)
- IL RTE. 62 MAINLINE**
 [540] STA. 59+89.33, 27.5' LT
 CB TA 4 DIA T24F&G
 RIM = 751.90
 INV = 748.70 (SE)
 INV = 746.70 (NW)
- IL RTE. 62 MAINLINE**
 [544] STA. 63+08.00, 38.5' LT
 CB TA 4 DIA T24F&G
 RIM = 759.17
 INV = 755.50 (NE)
 INV = 755.67 (4" SW)
- IL RTE. 62 MAINLINE**
 [252A] STA. 66+28.25, 27.5' RT
 CB TC T24F&G
 RIM = 762.92
 INV = 759.10 (NE)
- IL RTE. 62 MAINLINE**
 [525] 28'-STORM SEW WM REQ, 24" @ 4.29%
 TBF=0.2 CU YD
- IL RTE. 62 MAINLINE**
 [531] 133'-STORM SEW WM REQ, 12" @ 1.50%
 TBF=17.6 CU YD
- IL RTE. 62 MAINLINE**
 [539] 56'-STORM SEW WM REQ, 12" @ 0.54%
 TBF=7.4 CU YD
- IL RTE. 62 MAINLINE**
 [540] 47'-STORM SEW WM REQ, 15" @ 1.28%
 TBF=13.8 CU YD
- IL RTE. 62 MAINLINE**
 [543] 6'-STORM SEW CL A 1, 12" @ 1.67%
 TBF=0.0 CU YD
- IL RTE. 62 MAINLINE**
 [252] 13'-STORM SEW CL A 1, 12" @ 0.58%
 TBF=1.9 CU YD
 (CONNECT TO EXIST SS, INVERT=759.02)
- IL RTE. 62 MAINLINE**
 [U66] 36'-PIPE UNDERDRAIN, 4"
- IL RTE. 62 MAINLINE**
 [U69] 22'-PIPE UNDERDRAIN, 4"
- IL RTE. 62 MAINLINE**
 [U70] 59'-PIPE UNDERDRAIN, 4"
- RAMP B**
 [533] STA. 14+50, 32.2' RT
 MAN TA 4 DIA T1F CL
 RIM = 750.22
 INV = 747.00 (NE)
 INV = 746.84 (NW)
 INV = 746.84 (SW)
- RAMP B**
 [534A] STA. 14+70.00, 16.0' LT
 CB TA 4 DIA T24F&G
 RIM = 751.31
 INV = 746.67 (NE)
 INV = 746.67 (NW)
- RAMP B**
 [532] 100'-STORM SEW CL A 1, 12" @ 3.50%
 TBF=0.0 CU YD
- RAMP B**
 [533] 53'-STORM SEW CL A 1, 15" @ 0.45%
 TBF=6.4 CU YD
- RAMP B**
 [534] 18'-STORM SEW CL A 2, 18" @ 0.39%
 TBF=0.0 CU YD
- RAMP B**
 [541] 9'-STORM SEW CL A 1, 12" @ 0.44%
 TBF=1.2 CU YD
- RAMP B**
 [544] 86'-STORM SEW CL A 1, 12" @ 0.44%
 TBF=2.9 CU YD
- RAMP B**
 [546] 51'-STORM SEW CL A 1, 18" @ 0.35%
 TBF=0.2 CU YD
- RAMP B**
 [U67] 32'-PIPE UNDERDRAIN, 4"
- IL RTE. 62 MAINLINE SEWER & WATER**
 [S13] STA. 61+88.00, 13.5' RT
 MAN SAN 4 DIA T1F CL
 RIM = 757.20
 INV = 741.52 (NW)
 INV = 741.17 EX (S)
- IL RTE. 62 MAINLINE SEWER & WATER**
 [W19] STA. 62+50.00, 51.6' RT
 VV TA 4 DIA T1F CL
 RIM = 757.41
 TOP OF PIPE = 745.65
 WATER VALVES 8"

NOTES:
 1. CURB STRUCTURE RIM ELEVATIONS ARE LOCATED AT THE EDGE OF PAVEMENT
 2. LOCATION CALL-OFFS AND INVERT ELEVATIONS FOR END SECTIONS ARE AT THE FLARED END OF THE STRUCTURE
 3. CONTRACTOR SHALL COORDINATE ALL WATER MAIN WORK WITH THE VILLAGE. ANY WATER MAIN ON ALGONQUIN ROAD SHALL BE CONNECTIONS COMPLETED DURING ONE WATER MAIN SHUTDOWN.



FILE NAME = ... \D160F72-shd-drp1n-12.dgn	USER NAME = ctb	DESIGNED - DTE	REVISED -
		DRAWN - DTE	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - GAB	REVISED -
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITIES PLAN

SCALE: 1" = 50' SHEET NO. 12 OF 15 SHEETS STA. 59+50 TO STA. 68+14.20

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	188
				CONTRACT NO. 60F72
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				