

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	4N-1	LAKE	165	54
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

- 1 CB, T-C, 600mm DIA W/T-8 GRATE  
STA. 2+635, 6m LT  
T.G. 245.51  
INV. 244.65 (NE)
- 2 MH, T-A, 1.20m DIA W/T-IF CL  
STA. 2+635, 7.50m RT.  
T.G. 246.13  
INV. 241.67 (NW)  
INV. 244.52 (SW)
- 3 MH, T-A, 1.20m DIA W/T-IF CL  
STA. 2+689, 7.50m RT  
T.G. 245.94  
INV. 241.12 (SE)  
INV. 241.12 (NW)  
INV. 244.19 (SW)
- 3A CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 2+689, 4.73m RT  
T.G. 245.47  
INV. 244.30 (SW)  
INV. 244.20 (NE)
- 4 CB, T-C, 600mm DIA W/T-8 GRATE  
STA. 2+682, 6.25 m LT  
T.G. 245.44  
INV. 244.58 (NW)
- 5 CB, T-A, 120m DIA W/T-24 F&G  
STA. 2+689, 4.73m LT  
T.G. 245.43  
INV. 244.40 (NE)  
INV. 244.50 (SE)
- 6 CB, T-C, 600mm DIA W/T-8 GRATE  
STA. 2+735, 7.40m LT  
T.G. 244.46  
INV. 243.87 (NW)
- 7 CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 2+743, 4.73m LT  
T.G. 244.53  
INV. 243.66 (NE)  
INV. 243.76 (SE)
- 8 MH, T-A, 1.20m DIA W/T-IF CL  
STA. 2+745, 7.50m RT  
T.G. 244.53  
INV. 240.65 (NW)  
INV. 240.72 (SE)  
INV. 243.45 (NW)  
INV. 243.45 (SW)
- 8A CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 2+744.50, 4.73m RT  
T.G. 244.50  
INV. 243.57 (SW)  
INV. 243.47 (NE)
- 9 CB, T-C, 600mm DIA W/T-8 GRATE  
STA. 2+747, 6.50m RT  
T.G. 244.33  
INV. 243.47 (SE)
- 10 CB, T-C, 600 mm DIA. W/T-8 GRATE  
STA. 2+790, 6.50m RT  
T.G. 243.23  
INV. 242.37 (NW)
- 11 CMH, T-A, 1.20m DIA W/T-IF CL  
STA. 2+793.50, 7.50m RT  
T.G. 243.093  
INV. 242.34 (SE)  
INV. 241.91 (SW)  
INV. 240.43 (SE)  
INV. 240.43 (NW)
- 12 CB, T-A, 1.20m DIA. W/T-24 F&G  
STA. 2+796, 7.05m LT  
T.G. 243.51  
INV. 242.12 (NE)
- 12A CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 2+794, 4.5m RT  
T.G. 243.54  
INV. 241.92 (NE)  
INV. 242.05 (SW)

- 13 CB, T-A, 1.20m DIA. W/T-24 F&G  
STA. 2+849, 9.12m LT  
T.G. 242.93  
INV. 241.44 (E)
- 14 CB, T-A, 1.20m DIA., W/T-24 F&G  
STA. 2+841, 6.66m RT  
T.G. 243.05  
INV. 241.28 (W)  
INV. 241.18 (NW)
- 15 MH, T-A, 1.20m DIA W/T-IF CL  
STA. 2+847, 8.00m RT  
T.G. 242.96  
INV. 241.13 (S)  
INV. 240.13 (SE)  
INV. 240.06 (NW)
- 15A MH, T-A, 1.20m DIA W/T-IF CL  
STA. 2+865, 5.68m RT  
T.G. 242.86  
INV. 239.98 (SE)  
INV. 239.98 (NW)
- 16 CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 2+905.50, 9.03m LT  
T.G. 242.48  
INV. 241.10 (NE)
- 17 CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 2+905.50, 8.22m RT  
T.G. 242.49  
INV. 241.11 (W)
- 18 MH, T-A, 1.20m DIA W/T-IF CL  
STA. 2+908.80, 5.26m RT  
T.G. 242.52  
INV. 241.09 (E)  
INV. 240.95 (SW)  
INV. 239.76 (NW)  
INV. 239.76 (SE)
- 19 EXIST. MH, W/T-IF CL  
STA. 2+962, 5.50m RT  
T.G. 242.084  
INV. 239.50 (SE)  
INV. 239.10 (NW) EXIST.  
INV. 240.49 (SW)  
INV. 240.46 (N)
- 20 CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 2+965, 8.22m RT  
T.G. 242.02  
INV. 240.48 (S)
- 21 CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 2+962, 9.72m LT  
T.G. 242.01  
INV. 240.63 (NE)
- 22 CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 2+986, 10.72m LT  
T.G. 241.80  
INV. 240.26 (NE) CONNECT  
TO EXISTING SEWER
- 23 MH, T-A, 1.50m DIA W/T-IF CL  
STA. 2+997.50, 5.00m RT  
T.G. 241.81  
INV. 238.73 (NW)  
INV. 238.91 (SE) EXIST.
- 24 MH, T-A, 1.50m DIA W/T-IF CL  
STA. 3+030, 5.50m RT  
T.G. 241.60  
INV. 238.62 (SE)  
INV. 238.62 (NW)
- 25 MH, T-A, 1.50m DIA W/T-IF CL  
STA. 3+058.50, 4.50m RT  
T.G. 241.62  
INV. 238.53 (NW)  
INV. 238.53 (SE)
- 26 CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 3+050, 9.72m LT  
T.G. 241.51  
INV. 239.97 (NE) CONNECT  
TO EXIST SEWER

- 27 CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 3+114, 7.2m LT  
T.G. 242.03  
INV. 240.49 (NE) CONNECT  
TO EXISTING SEWER
- 28 CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 3+114, 8.22m RT  
T.G. 242.062  
INV. 240.52 (W)
- 29 MH, T-A, 1.50m DIA W/T-IF CL  
STA. 3+117, 5.50m RT  
T.G. 242.15  
INV. 238.33 (SE)  
INV. 238.33 (NW)  
INV. 240.50 (E)  
INV. EXIST. (SW)
- 30 CB, T-A, 1.20m DIA W/T-IF OL  
STA. 3+162, 12.50m LT  
T.G. 242.88  
INV. 241.99 (NW)
- 31 MH, T-A, 1.50m DIA W/T-IF CL  
STA. 3+183.50, 5.50m RT  
T.G. 242.84  
INV. 240.97 (SW)  
INV. 238.23 (SE)  
INV. 238.03 (NW)
- 32 CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 3+186, 11.00m LT  
T.G. 242.76  
INV. 241.76 (SE)  
INV. 241.76 (NW)  
INV. 241.12 (NE)
- 33 CB, T-C, 600mm W/T-8 GRATE  
STA. 3+200, 11m LT  
T.G. 242.86  
INV. 242.28 (SE)
- 34 CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 3+251, 7.82m RT  
T.G. 242.04  
INV. 240.50
- 35 MH, T-A, 1.50m DIA W/T-IF CL  
STA. 3+256, 5.50m RT  
T.G. 242.00  
INV. 240.46 (E)  
INV. 237.98 (SE)  
INV. 237.98 (NW)  
INV. EXIST. (SW)
- 36 CB, T-A, 1.20m DIA W/T-24 F&G  
STA. 3+256, 7.72m LT  
T.G. 241.97  
INV. 240.43 (EXIST) (NE)
- 37 MH, T-A, 1.50m DIA W/T-IF CL  
STA. 3+317.50, 6.50m RT  
T.G. 241.29  
INV. 237.77 (SE)  
INV. 237.77 (N)
- 38 PROP. HEADWALL (SEE DETAIL)  
STA. 3+320±, 12.10m RT  
INV. 237.75

- 1 300mm S.S. CLASS A, T-1, 12.80m  
T.B. 6.95 cu. m  
CLASS D PATCH, T-2, 15.00sq. m
- 2 300mm S.S. CLASS A, T-3, 52.80m  
T.B. 184.45 cu. m
- 3 300mm S.S. CLASS A, T-1, 8.26m  
T.B. 50.47 cu. m  
CLASS D PATCH, T-2, 16.00 sq. m
- 3A 300mm S.S. CLASS A, T-2, 1.57m  
T.B. 1.20 cu. m
- 4 300mm S.S. CLASS A, T-1, 6.60m  
T.B. 3.00 cu. m
- 5 300mm S.S. CLASS A, T-3, 54.80m  
T.B. 181 cu. m
- 6 STORM SEWERS, (WMR) T-1, 300mm, 7.60m  
T.B. 1.80 cu. m
- 7 300mm S.S. CLASS A, T-1, 8.30m  
T.B. 3.0 cu. m  
CLASS D PATCH, T-3, 20.00 sq. m
- 7A 300mm S.S. CLASS A, T-1, 1.10m  
T.B.
- 7B 300mm S.S. CLASS A, T-1, 1.3m  
T.B. 1.0 cu. m
- 8 375mm S.S. CLASS A, T-2, 47.30m  
T.B. 121.56 cu. m
- 9 300mm S.S. CLASS, T-1, 2.60m  
T.B.
- 10 STORM SEWERS, (WMR) T-1, 300mm, 10.30m  
T.B. 7.50 cu. m  
CLASS D PATCH, T-3, 20.00 sq. m
- 10A 300mm S.S. CLASS A, T-1, 1.80m  
T.B. 1.00 cu. m
- 11 STORM SEWERS, (WMR), T-1, 300mm, 17.30m  
T.B. 15.0 cu. m  
CLASS D PATCH, T-3, 30 sq. m
- 12 375mm S.S. CLASS A, T-2, 52.30m  
T.B. 63.00 cu. m
- 13 300mm S.S. CLASS A, T-1, 4.80m  
T.B. 6.00 cu. m
- 14 450mm S.S. CLASS A, T-1, 17.20m  
T.B. 16.30 cu. m
- 14A 450mm S.S. CLASS A, T-1, 39.80m  
T.B. 38.28 cu. m
- 15 STORM SEWERS, (WMR) T-1, 300mm, 13.80m  
T.B. 10.00 cu. m  
CLASS D PATCH, T-3, 30.0 sq. m
- 16 300mm S.S. CLASS A, T-1, 2.80m  
T.B. 1.50 cu. m
- 17 450mm, S.S. CLASS A, T-2, 52.00m  
T.B. 104.12 cu. m

- 18 300mm S.S. CLASS A, T-1, 2.80m  
T.B. 1.50 cu. m  
CLASS D PATCH, T-1, 3.0 sq. m
- 19 STORM SEWERS, (WMR), T-1, 300mm, 14.02m  
T.B. 10.00 cu. m  
CLASS D PATCH, T-3, 27 sq. m
- 20 300mm S.S. CLASS A, T-1, 1.00m  
T.B. 1.00 cu. m
- 21 300mm S.S. CLASS A, T-1, 2.60m  
T.B. 2.10 cu. m
- 22 750mm S.S. CLASS A, T-2, 31.50m  
T.B. 87.00 cu. m  
CLASS D PATCH, T-3, 32.0 sq. m
- 23 750mm S.S. CLASS A, T-2, 27.50m  
T.B. 74.00 cu. m
- 24 300mm S.S. CLASS A, T-1, 4.00m  
T.B. 1.60 cu. m
- 25 750 mm S.S. CLASS A, T-2, 57.00m  
T.B. 123.00 cu. m
- 26 300mm S.S. CLASS A, T-1, 2.00m  
T.B. 2.00 cu. m
- 27 300mm S.S. CLASS A, T-1, 2.80m  
T.B. 1.50 cu. m
- 28 750mm S.S. CLASS A, T-2, 65.00m  
T.B. 315.00 cu. m
- 29 STORM SEWERS, (WMR) T-1, 300mm, 22.80m  
T.B. 81.00 cu. m  
CLASS D PATCH, T-3, 30.00 sq. m
- 30 STORM SEWERS, (WMR), T-1, 300mm, 15.00m  
T.B. 16.00 cu. m  
CLASS D PATCH, T-3, 30.00 sq. m
- 31 300mm S.S. CLASS A, T-2, 12.80m  
T.B. 4.50 cu. m
- 32 900mm S.S. CLASS A, T-3 71.00m  
T.B. 570 cu. m
- 33 300mm S.S. CLASS A, T-1, 4.20m  
T.B. 3.90 cu. m
- 34 900mm, S.S. CLASS A, T-2, 60.00m  
T.B. 396.00 cu. m
- 35 900mm S.S. CLASS A, T-2, 7.00m  
T.B. 48.00 cu. m

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 IL. RTE. 83 (MILWAUKEE AVE.)  
 @ IL. RTE. 132 (GRAND AVE.)  
 DRAINAGE STRUCTURE TABLE

DRAWN BY  
 CHECKED BY  
 DATE