

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
324	24N-1	McHENRY	82	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62296				

1 STA. 2+014, 13.7 m RT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 254.487  
INV 253.150 N  
INV 253.100 S  
INV 253.581 NW

2 STA. 2+018, 10.7 m RT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 254.56  
INV 253.632  
FLAT SLAB TOP

3 STA. 2+034, 9.0 m RT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 255.218  
INV 254.300 N  
INV 253.600 S  
INV 254.105 NW

4 STA. 2+053, 7.2 m RT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 255.840  
INV 254.300

5 STA. 2+082, 8.5 m RT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 256.796  
INV 255.360 N  
INV 254.800 S  
INV 255.311 NW

6 STA. 2+089, 7.2 m RT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 256.922  
INV 255.380

7 STA. 2+133, 8.5 m RT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 258.111  
INV 256.760 N  
INV 256.030 S  
INV 256.546 NW

8 STA. 2+138, 7.2 m RT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 258.151  
INV 256.611

9 STA. 2+183, 8.5 m RT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 259.044  
INV 257.740 N  
INV 257.250 S  
INV 257.501 NW

10 STA. 2+202, 7.1 m RT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 259.243  
INV 257.703

11 STA. 2+233, 8.1 m RT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 259.635  
INV 258.091 S  
INV 258.610 N

12 STA. 2+245, 6.7 m RT  
CB, T-A, 1.2 m DIA  
W/ T-8 GRATE  
T.G. 259.657  
INV 258.727  
FLAT SLAB TOP

13 STA. 2+029, 23.0 m LT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 255.026  
INV 253.100 NE  
INV 253.000 W  
INV 253.281 SE

14 STA. 2+027, 18.9 m LT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 254.870  
INV 253.330

15 STA. 2+034, 10.2 m LT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 255.227  
INV 253.900 N  
INV 253.400 SW  
INV 254.064 NE

16 STA. 2+052, 7.2 m LT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 255.779  
INV 254.239

17 STA. 2+075, 8.5 m LT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 256.603  
INV 255.300 N  
INV 254.300 S  
INV 255.205 NE

18 STA. 2+087, 7.2 m LT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 256.862  
INV 255.322

19 STA. 2+125, 8.5 m LT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 257.950  
INV 256.700 N  
INV 255.700 S  
INV 256.457 NE

20 STA. 2+136, 7.2 m LT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 258.105  
INV 256.565

21 STA. 2+175, 8.5 m LT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 258.938  
INV 257.600 N  
INV 257.200 S  
INV 257.334 NE

22 STA. 2+178, 7.2 m LT  
CB, T-A, 1.2 m DIA  
W/ T-23 F&G.  
T.G. 258.906  
INV 257.366

23 STA. 2+225, 8.1 m LT  
MH, T-A, 1.2 m DIA  
W/ T-1 F.C.L.  
T.G. 259.574  
INV 258.012 S  
INV 258.568 N

24 STA. 2+233.71, 6.8 m LT  
CB, T-A, 1.2 m DIA  
W/ T-8 GRATE  
T.G. 259.570  
INV 258.640  
FLAT SLAB TOP

25 STA. 4+838, 10.0 m LT  
PRC FLARED END SECTION 375 mm  
INV 253.049

26 STA. 4+893, 9.7 m LT  
PRC FLARED END SECTION 450 mm  
INV 253.050

27 STA. 4+685, 7.0 m RT  
5 m, 450 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 450 mm  
INV 252.518 W  
INV 252.542 E  
TBF 0.20 CU M

28 STA. 4+685, 8.0 m LT  
5 m, 450 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 450 mm  
INV 252.780 W  
INV 252.800 E  
TBF 0.04 CU M

29 STA. 4+782, 8.0 m LT  
8 m, 450 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 450 mm  
INV 252.641 E  
INV 252.679 W  
TBF 1.90 CU M

30 STA. 4+820, 7.6 m LT  
6 m, 450 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 450 mm  
INV 252.886 W  
INV 252.914 E  
TBF 1.95 CU M

31 STA. 4+979, 7.8 m RT  
12 m, 375 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 375 mm  
INV 253.160 W  
INV 253.220 E  
TBF 2.32 CU M

32 STA. 5+043, 7.0 m RT  
10 m, 375 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 375 mm  
INV 253.795 W  
INV 253.845 E  
TBF 1.19 CU M

33 STA. 1+751, 9.2 m RT  
10 m, 450 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 450 mm  
INV 247.415 S  
INV 247.465 N  
TBF 1.17 CU M

34 STA. 1+797, 10.0 m RT  
6 m, 375 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF ELLIPTICAL END SECTIONS, 375 mm  
INV 248.245 S  
INV 248.275 N  
TBF 0.28 CU M

35 STA 4+893 TO 2+014  
STORM SEWER, CLASS A, TYPE 2,  
450 mm, 7 m  
W/ PRC FLARED END SECTION,  
450 mm, INV. 253.05

36 STA 2+014 TO 2+018  
STORM SEWER, CLASS A TYPE 1,  
450 mm, 4 m

37 STA 2+014 TO 2+034  
STORM SEWER, CLASS A TYPE 2,  
450 mm, 19 m

38 STA 2+034 TO 2+053  
STORM SEWER, CLASS A TYPE 1,  
375 mm, 19 m

39 STA 2+034 TO 2+082  
STORM SEWER, CLASS A, TYPE 2,  
375 mm, 47 m

40 STA 2+082 TO 2+089  
STORM SEWER, CLASS A, TYPE 1,  
375 mm, 6 m

41 STA 2+082 TO 2+133  
STORM SEWER, CLASS A, TYPE 2,  
375 mm, 50 m

42 STA 2+133 TO 2+138  
STORM SEWER, CLASS A, TYPE 1,  
375 mm, 6 m

43 STA 2+133 TO 2+183  
STORM SEWER, CLASS A, TYPE 2,  
375 mm, 45 m

44 STA 2+183 TO 2+202  
STORM SEWER, CLASS A, TYPE 1,  
300 mm, 19 m

45 STA 2+183 TO 2+233  
STORM SEWER, CLASS A, TYPE 2,  
300 mm, 50 m

46 STA 2+233 TO 2+245  
STORM SEWER, CLASS A TYPE 1,  
300 mm, 11 m

47 STA 4+838 TO 2+029  
STORM SEWER, CLASS A, TYPE 2,  
375 mm, 7 m  
W/ PRC FLARED END SECTION,  
375 mm, INV. 253.049

48 STA 2+029 TO 2+027  
STORM SEWER, CLASS A TYPE 1,  
375 mm, 4 m

49 STA 2+029 TO 2+034  
STORM SEWER, CLASS A TYPE 2,  
375 mm, 13 m

50 STA 2+034 TO 2+052  
STORM SEWER, CLASS A TYPE 1,  
300 mm, 17 m

51 STA 2+034 TO 2+075  
STORM SEWER, CLASS A, TYPE 2,  
300 mm, 39 m

52 STA 2+075 TO 2+087  
STORM SEWER, CLASS A, TYPE 1,  
300 mm, 11 m

53 STA 2+075 TO 2+125  
STORM SEWER, CLASS A, TYPE 2,  
300 mm, 49 m

54 STA 2+125 TO 2+136  
STORM SEWER, CLASS A, TYPE 1,  
300 mm, 10 m

55 STA 2+125 TO 2+175  
STORM SEWER, CLASS A, TYPE 2,  
300 mm, 49 m

56 STA 2+175 TO 2+178  
STORM SEWER, CLASS A TYPE 1,  
300 mm, 2 m

57 STA 2+175 TO 2+225  
STORM SEWER, CLASS A TYPE 2,  
300 mm, 49 m

58 STA 2+225 TO 2+234  
STORM SEWER, CLASS A TYPE 1,  
300 mm, 6 m

59 STA. 4+798, 9.8 m LT, 15.5 m RT  
25 m, 450 mm PIPE CULVERT  
CLASS A, TYPE 1  
W/ 2 PRCF END SECTIONS, 450 mm  
INV 252.500 N  
INV 252.250 S  
TBF 107.68 CU M

60 STA. 4+895, 8.7 m LT  
STA. 4+899, 16.0 m RT  
25 m, 900 mm PIPE CULVERT  
CLASS A, TYPE 2  
INV 253.000 N  
INV 252.500 S  
TBF 187.15 CU M

NOTE:  
RUBBER GASKETS ARE PROPOSED AT ALL CONNECTIONS  
ON ALL STORM SEWER PIPES.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
IL-23 AT RIVER ROAD  
DRAINAGE STRUCTURES AND PIPES SCHEDULE  
DRAWN BY  
CHECKED BY  
DATE 3/3/2008