

F.A. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
254598-00036-19-FR	WILL	WILL	147	60
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83896

DRAWING NO. DRN4  
STA 102+00 TO STA 114+00 (REACH 2)

- 2 STA 107+44, 45' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 627.45  
INV EL 624.40 (12' NE)
- 4 STA 107+55, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 627.68  
INV EL 624.11 (12' W)  
INV EL 624.21 (12' N)
- 1 STA 107+60, 34' LT  
MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
WITH FLAT SLAB TOP  
RIM EL 627.62  
INV EL 624.22 (12' N)  
INV EL 624.22 (12' S)  
INV EL 624.12 (12' E)
- 3 STA 108+16, 43.4' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 627.30  
INV EL 624.38 (12' S)
- 5 STA 108+31, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 627.49  
INV EL 624.57 (12' S)
- 19 STA 108+30, 50' LT  
JUNCTION CHAMBER  
TYPE 1 FRAME, CLOSED LID  
RIM EL 628.00  
INV EL 621.65 (48' EQ HE S)  
INV EL 621.65 (48' EQ HE N)
- 6 STA 108+85, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 627.59  
INV EL 624.32 (12' E)
- 7 STA 108+85, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 627.59  
INV EL 624.32 (12' W)
- 21 STA 109+00, 58' LT  
CATCH BASIN, TYPE C  
WITH TYPE 8 GRATE  
RIM EL 625.20  
INV EL 623.12 (12' E)
- 20 STA 109+00, 39' LT  
JUNCTION CHAMBER  
TYPE 1 FRAME, CLOSED LID  
RIM EL 628.24  
INV EL 621.70 (48' N)  
INV EL 621.70 (48' EQ HE S)  
INV EL 623.00 (12' W)

- 8 STA 109+90, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 627.96  
INV EL 624.47 (12' E)
- 9 STA 109+90, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 627.96  
INV EL 624.47 (12' W)
- 10 STA 111+10, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 628.40  
INV EL 624.55 (12' E)
- 11 STA 111+10, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 628.40  
INV EL 624.55 (12' W)
- 18 STA 106+13, 50' LT.  
PRC FLARED END SECTION, 48' DIA. EQ  
INV EL 621.48
- 22 STA 112+00, 40.5' LT (~ MH)  
MANHOLE, TYPE A, 6' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
& WITH FLAT SLAB TOP  
RIM EL 629.20  
INV EL 622.54 (48' N)  
INV EL 622.44 (48' S)
- (EX JC) STA 112+30, CL  
EXISTING JUNCTION CHAMBER  
TYPE 1 FRAME, CLOSED LID  
EXISTING RIM EL 628.85  
PROPOSED RIM EL 629.38  
EX INV EL 624.41 (12' E,W)  
EX INV EL 621.06 (78' EQ HE) S  
EX INV EL 621.16 (78' EQ HE) N
- 12 STA 112+30, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 628.83  
INV EL 624.67 (12' E)
- 13 STA 112+30, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 628.83  
INV EL 624.67 (12' W)
- 14 STA 113+50, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 629.26  
INV EL 624.86 (12' E)
- 15 STA 113+50, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
& WITH FLAT SLAB TOP  
RIM EL 629.26  
INV EL 624.86 (12' W)

DRAWING NO. DRN5  
STA 114+00 TO STA 126+00 (REACH 2)

- 23 STA 114+92, 36.2' LT  
MANHOLE, TYPE A, 6' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
& WITH FLAT SLAB TOP  
RIM EL 630.40  
INV EL 623.70 (48' N)  
INV EL 623.68 (48' S)
- (EX JC) STA 114+95, CL  
EXISTING JUNCTION CHAMBER  
TYPE 1 FRAME, CLOSED LID  
EXISTING RIM EL 630.60  
PROPOSED RIM EL 630.60  
EX INV EL 624.58 (12' E,W)  
EX INV EL 623.08 (42' N)  
EX INV EL 621.33 (78' EQ HE) S
- 17 STA 114+95, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 630.03  
INV EL 625.01 (12' W)
- 16 STA 114+98, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 630.06  
INV EL 625.01 (12' E)
- 2 STA 116+42, CL  
MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 632.03  
INV EL 625.99 (12' E,W)  
INV EL 624.49 (36' N)  
INV EL 623.99 (36' S)
- 3 STA 116+45, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 631.41  
INV EL 626.39 (12' N)  
INV EL 626.29 (12' E)
- 4 STA 117+00, 46.5' LT  
INLET, TYPE A  
WITH TYPE 8 GRATE  
RIM EL 630.00  
INV EL 626.91 (12' S)
- 5 STA 116+45, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 631.41  
INV EL 626.29 (12' W)
- 6 STA 118+45, CL  
MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 634.24  
INV EL 628.28 (12' E,W)  
INV EL 626.39 (36' N)  
INV EL 626.28 (36' S)
- 7 STA 118+45, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 633.60  
INV EL 628.73 (12' E)
- 8 STA 118+45, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 633.60  
INV EL 628.73 (12' W)

- 9 STA 120+70, 2' LT  
MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 637.98  
INV EL 632.09 (12' E,W)  
INV EL 630.19 (36' N)  
INV EL 630.09 (36' S)
- 10 STA 120+70, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 637.38  
INV EL 632.63 (12' E)
- 11 STA 120+70, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 637.38  
INV EL 632.63 (12' W)
- 12 STA 122+95, 6' LT  
MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 641.66  
INV EL 634.02 (12' E,W)  
INV EL 632.12 (36' N)  
INV EL 632.02 (36' S)
- 13 STA 122+95, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 641.14  
INV EL 634.38 (12' E)
- 14 STA 122+95, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 641.14  
INV EL 634.38 (12' W)
- 15 STA 126+00, 5' LT  
MANHOLE, TYPE A, 5' DIA.  
TYPE 1 FRAME, CLOSED LID  
RIM EL 643.12  
INV EL 634.87 (E,W)  
INV EL 632.97 (36' N)  
INV EL 634.30 (36' S)
- 16 STA 126+00, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 642.00  
INV EL 635.23 (12' E)
- 17 STA 126+00, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 642.00  
INV EL 635.23 (12' W)

DRAWING NO. DRN6  
STA 126+00 TO STA 138+00 (REACH 2)

- 18 STA 127+25, 5' LT  
MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 642.45  
INV EL 635.21 (12' E,W)  
INV EL 633.31 (36' N)  
INV EL 633.21 (36' S)
- 19 STA 127+25, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 641.43  
INV EL 635.57 (12' E)
- 20 STA 127+25, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 641.43  
INV EL 635.57 (12' W)
- 21 STA 128+50, 5' LT  
MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 641.87  
INV EL 635.55 (12' E,W)  
INV EL 633.80 (33' N)  
INV EL 633.55 (36' S)
- 22 STA 128+50, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 640.85  
INV EL 635.91 (12' E)
- 23 STA 128+50, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 640.85  
INV EL 635.91 (12' W)
- 24 STA 129+55, 6' LT  
MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 641.01  
INV EL 635.14 (12' W)  
INV EL 635.14 (12' E)  
INV EL 634.30 (30' N)  
INV EL 634.05 (33' S)
- 25 STA 129+55, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 640.49  
INV EL 635.80 (12' W)  
INV EL 635.60 (12' N)  
INV EL 635.50 (12' E)
- 27 STA 129+55, 42' LT  
PRC FLARED END SECTION, 12'  
INV EL 636.80
- 28 STA 129+55, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 640.49  
INV EL 635.60 (12' N)  
INV EL 635.50 (12' W)

- 29 STA 129+75, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 640.51  
INV EL 635.76 (12' S)
- 26 STA 129+75, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 640.51  
INV EL 635.76 (12' S)
- 30 STA 130+80, 6' LT  
MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 641.38  
INV EL 635.75 (12' W)  
INV EL 635.16 (12' E)  
INV EL 634.96 (27' N)  
INV EL 634.66 (30' S)
- 31 STA 130+80, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 640.86  
INV EL 636.11 (12' E)
- 32 STA 130+80, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 640.86  
INV EL 635.34 (12' W)  
INV EL 635.42 (12' E)
- 33 STA 130+80, 48' RT  
INLET, TYPE A  
W/ TYPE 8 GRATE  
RIM EL 637.60  
INV EL 635.52 (12' W)
- 34 STA 131+85, 6' LT  
MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 641.76  
INV EL 636.13 (12' E,W)  
INV EL 635.59 (24' N)  
INV EL 635.34 (30' S)
- 35 STA 131+80, 32' LT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 641.22  
INV EL 636.49 (12' E)
- 36 STA 131+85, 32' RT  
CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 641.24  
INV EL 636.49 (12' W)  
INV EL 636.69 (12' NE)

WILL COUNTY DEPARTMENT OF HIGHWAYS			
PLAINFIELD-NAPERVILLE ROAD (C.H. 14)			
ROADWAY RECONSTRUCTION			
DRAINAGE NOTES			
McDonough Associates Inc. Engineers/Architects		DESIGNED BY: N.J.L. CHECKED BY: N.J.L. DRAWN BY: J.T.F.	
SCALE: N.T.S.		SCALE: N.T.S.	

NO.	DATE	REVISION	BY