

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
254598	00036-19-FP	WILL	---	59
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 83896

DRAWING NO. DRN1  
STA 70+50 TO STA 78+00 (SOUTH REACH)

- 1A (EX) STA 70+50, CL CONNECT TO EX MANHOLE  
RIM EL 640.70  
INV EL 635.57 (18' N)  
INV EL 636.07 (12' W)  
INV EL 635.47 (EX 18' S)
- 28 STA 70+55, 31' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 639.86  
INV EL 636.40 (12' E)
- 1B (EX) STA 71+54.7, 37.9' LT RECONSTRUCT EX MANHOLE  
W/NEW TYPE 1 FRAME, CLOSED LID  
RIM EL 639.58  
INV EL 636.78 (EX 15' SW)  
INV EL 636.52 (EX 18' W)  
INV EL 636.70 (15' E)
- 1 STA 71+62, CL JUNCTION CHAMBER, SPECIAL  
W/ 2 TYPE 1 FRAMES, CLOSED LIDS  
RIM EL A 640.28  
RIM EL B 640.36  
INV EL 635.87 (27' E)  
INV EL 635.97 (24' N)  
INV EL 636.97 (15' W)  
INV EL 635.87 (18' S)  
INV EL 636.74 (12' W)
- 2 STA 71+65, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 639.46  
INV EL 636.89 (12' E)  
INV EL 636.99 (12' N)
- 3 STA 71+80, 32' LT INLET, TYPE A  
W/ TYPE 24 FRAME & GRATE  
RIM EL 639.47  
INV EL 637.05 (12' S)
- 25 STA 71+62, 39' RT JUNCTION CHAMBER,  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 641.62  
INV EL 635.89 (42' EQ HE N)  
INV EL 635.89 (27' W)
- 4 STA 72+75, CL MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID & WITH FLAT SLAB TOP  
RIM EL 640.70  
INV EL 636.46 (12' W)  
INV EL 636.36 (24' N)  
INV EL 636.26 (24' S)
- 5 STA 72+75, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 639.85  
INV EL 636.71 (12' W)  
INV EL 636.61 (12' E)
- 6 STA 72+86, 42' LT PRC FLARED END SECTION, 12'  
INV EL 637.50
- 7 STA 73+75, 2' LT MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID & WITH FLAT SLAB TOP  
RIM EL 641.21  
INV EL 637.10 (12' W)  
INV EL 636.70 (24' N)  
INV EL 636.60 (24' S)

DRAWING NO. DRN2  
STA 78+00 TO STA 82+31.82 (SOUTH REACH)

- 8 STA 73+75, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 640.41  
INV EL 637.27 (12' E)
- 26 STA 74+20, 39' RT MANHOLE, TYPE A, 7' DIA.  
W/ TYPE 1 FRAME, CLOSED LID & WITH FLAT SLAB TOP  
RIM EL 642.82  
INV EL 636.02 (42' EQ HE N)
- 9 STA 74+75, 5' LT MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID & WITH FLAT SLAB TOP  
RIM EL 642.15  
INV EL 637.47 (12' W)  
INV EL 637.19 (21' N)  
INV EL 636.94 (24' S)
- 10 STA 74+75, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 640.97  
INV EL 637.59 (12' E)
- 11 STA 75+75, 5' LT MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID & WITH FLAT SLAB TOP  
RIM EL 642.75  
INV EL 638.12 (12' W)  
INV EL 637.72 (21' N)  
INV EL 637.62 (21' S)
- 12 STA 75+75, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 641.71  
INV EL 638.36 (12' E)
- 13 STA 76+75, 5' LT MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID & WITH FLAT SLAB TOP  
RIM EL 643.32  
INV EL 638.55 (12' W)  
INV EL 638.30 (18' N)  
INV EL 638.05 (21' S)  
INV EL 638.80 (12' NE)
- 14 STA 76+75, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 642.30  
INV EL 638.80 (12' E)
- 27 STA 76+90, 39' RT MANHOLE, TYPE A, 7' DIA.  
W/ TYPE 1 FRAME, CLOSED LID & WITH FLAT SLAB TOP  
RIM EL 643.58  
INV EL 636.15 (42' EQ HE S)
- 15 STA 77+25, 32' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 643.14  
INV EL 639.10 (12' SW)

DRAWING NO. DRN2 (CONTINUATION)  
STA 82+31.82 TO STA 90+00 (REACH 1)

- 16 STA 78+05, 6' LT MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FRAME, CLOSED LID & WITH FLAT SLAB TOP  
RIM EL 643.55  
INV EL 638.85 (12' W,E)  
INV EL 638.95 (15' N)  
INV EL 638.70 (18' S)
- 17 STA 78+05, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 643.03  
INV EL 639.09 (12' E)
- 18 STA 78+05, 32' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 643.19  
INV EL 639.21 (12' W)
- 19 STA 79+35, 6' LT MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FRAME, CLOSED LID & WITH FLAT SLAB TOP  
RIM EL 644.27  
INV EL 639.70 (12' W,E)  
INV EL 639.70 (12' N)  
INV EL 639.45 (15' S)
- 20 STA 79+35, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 643.75  
INV EL 640.06 (12' E)
- 21 STA 79+35, 32' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 643.75  
INV EL 640.06 (12' W)
- 22 STA 80+65, 6' LT MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FRAME, CLOSED LID & WITH FLAT SLAB TOP  
RIM EL 644.80  
INV EL 640.76 (12' E)
- 23 STA 80+65, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 644.80  
INV EL 640.76 (12' E)
- 24 STA 80+65, 32' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 644.80  
INV EL 640.76 (12' W)

DRAWING NO. DRN3 (CONTINUATION)  
STA 90+00 TO STA 102+00 (REACH 1)

- 15 STA 83+75, 6' LT MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 644.72  
INV EL 639.04 (12' E)  
INV EL 639.04 (12' W)  
INV EL 639.04 (12' N)
- 25 STA 83+75, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 644.20  
INV EL 639.45 (12' E)
- 26 STA 83+75, 32' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 644.20  
INV EL 639.45 (12' W)
- 12 STA 85+35, 5' LT MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 641.92  
INV EL 635.69 (12' S)  
INV EL 635.69 (12' E,W)  
INV EL 635.44 (15' N)
- 13 STA 85+35, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 640.90  
INV EL 636.15 (12' E)
- 14 STA 85+35, 32' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 640.90  
INV EL 636.15 (12' W)
- 9 STA 87+55, 5' LT MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 636.64  
INV EL 630.26 (15' S)  
INV EL 630.51 (12' E,W)  
INV EL 630.01 (18' N)
- 10 STA 87+55, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 635.62  
INV EL 630.87 (12' E)
- 11 STA 87+55, 32' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 635.62  
INV EL 630.87 (12' W)
- 6 STA 89+75, 5' LT MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 631.99  
INV EL 625.76 (18' S)  
INV EL 626.26 (12' E,W)  
INV EL 625.51 (21' N)
- 7 STA 89+75, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 630.97  
INV EL 626.44 (12' E)
- 8 STA 89+75, 32' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 630.97  
INV EL 626.44 (12' W)

DRAWING NO. DRN3  
STA 90+00 TO STA 102+00 (REACH 1)

- 2 STA 91+50, 5' LT MANHOLE, TYPE A, 5' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
WITH FLAT SLAB TOP  
RIM EL 630.37  
INV EL 624.37 (12' W,E)  
INV EL 624.37 (21' S)  
INV EL 624.12 (24' N)
- 3 STA 91+50, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 629.35  
INV EL 625.11 (12' W)  
INV EL 624.61 (12' E)
- 4 STA 91+50, 42' LT PRC FLARED END SECTION, 12'  
INV EL 626.00
- 5 STA 91+50, 32' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE  
RIM EL 629.35  
INV EL 624.80 (12' W)
- 19 STA 92+47, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 628.98  
INV EL 625.46 (12' N)
- J1 STA 92+85, CL JUNCTION CHAMBER NO.2  
EXISTING JUNCTION CHAMBER NO.2  
TYPE 1 FRAME, CLOSED LID  
RIM EL 629.60  
INV EL 625.05 (12' E,W)  
INV EL 623.30 (24' S)  
INV EL 622.55 (66' EQ HE) N
- 18 STA 92+85, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 629.04  
INV EL 625.29 (12' S)  
INV EL 625.19 (12' E)
- 20 STA 92+85, 32' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 629.04  
INV EL 625.19 (12' W)  
INV EL 625.29 (12' S)
- J2 STA 93+95, CL JUNCTION CHAMBER  
TYPE 1 FRAME, CLOSED LID  
PROPOSED RIM EL 629.98  
INV EL 624.94 (12' E,W)  
INV EL 622.44 (66' EQ HE) N,S
- 21 STA 92+47, 32' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 628.98  
INV EL 625.46 (12' N)

- 22 STA 93+95, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 629.42  
INV EL 625.22 (12' E)
- 23 STA 93+95, 32' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 629.42  
INV EL 625.22 (12' W)
- 25 STA 95+63, 55.4' RT MANHOLE, TYPE A, 4' DIA.  
W/ TYPE 1 FRAME, CLOSED LID  
RIM EL 629.00  
INV EL 623.45 (18' SE)  
INV EL 623.55 (12' NE)  
INV EL 623.41 (EX 18' N)  
CONSTRUCT MANHOLE OVER EXISTING 18" DIA PIPE CULVERT
- 26 STA 95+53.5, 63' RT PRC FLARED END SECTION, 18'  
INV EL 623.48
- 24 STA 96+10, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 629.11  
INV EL 625.04 (12' E)
- J3 STA 96+15, CL JUNCTION CHAMBER NO.2  
EXISTING JUNCTION CHAMBER NO.2  
TYPE 1 FRAME, CLOSED LID  
RIM EL 629.60  
INV EL 624.73 (12' E,W)  
INV EL 622.23 (66' EQ HE) N,S

- 29 STA 96+85.9, 32' LT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 628.84  
INV EL 625.00 (12' E)
- 27 STA 95+83.1, 94' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 627.60  
INV EL 623.76 (12' W)  
INV EL 623.86 (12' N)
- 28 STA 96+29.9, 94' RT CATCH BASIN, TYPE A, 4' DIA.  
W/ TYPE 24 FRAME & GRATE & WITH FLAT SLAB TOP  
RIM EL 627.60  
INV EL 624.08 (12' S)

NO.	DATE	REVISION	BY

WILL COUNTY DEPARTMENT OF HIGHWAYS

PLAINFIELD-NAPERVILLE ROAD (C.H. 14)  
ROADWAY RECONSTRUCTION  
DRAINAGE NOTES

	DESIGNED BY: N.J.L.	SCALE:
	CHECKED BY: N.J.L.	N.T.S.
	DRAWN BY: J.T.F.	