



**S 9-01**  
 STA 70+90.00 (64W70W)  
 O/S 86.90' RT  
 INLETS, TYPE A  
 TYPE B GRATE  
 RIM: 414.80  
 NW, INV (15'"): 409.72

**S 9-02**  
 STA 71+32.31 (55S70W)  
 O/S 118.34' RT  
 PRECAST REINFORCED CONCRETE  
 FLARED END SECTIONS 15"  
 INV (15'"): 407.90

**S 9-03**  
 STA 71+26.48 (55S70W)  
 O/S 123.53' RT  
 PRECAST REINFORCED CONCRETE  
 FLARED END SECTIONS 15"  
 INV (15'"): 407.80

**S 9-04**  
 STA 70+76.42 (55S70W)  
 O/S 102.41' RT  
 MANHOLES, TYPE A 6'-DIAM.  
 2 - TYPE 1 FRAME CL  
 RESTRICTOR PLATE  
 RIM: 419.00  
 NW, INV (15'"): 407.34  
 SE, INV (15'"): 407.34  
 (SEE DRAINAGE DETAIL 2  
 FOR RESTRICTOR INFORMATION)

**EX. S 9-05**  
 STA 70+61.47 (55S70W)  
 O/S 95.63' RT  
 EXISTING MANHOLE  
 RIM: 419.16  
 NW, INV (15'"): 407.20  
 E, INV (15'"): 402.20

**S 9-06**  
 STA 73+60.00 (55S70W)  
 O/S 90.00' RT  
 MANHOLES, TYPE A 5'-DIAM.  
 TYPE 1 FRAME CL  
 RIM: 424.20  
 SE, INV (27'"): 415.02  
 SW, INV (27'"): 415.02

**S 9-08**  
 STA 71+77.23 (55S70W)  
 O/S 207.56' RT  
 MANHOLES, TYPE A 4'-DIAM.  
 TYPE 1 FRAME CL  
 RIM: 418.62  
 NE, INV (18'"): 410.75  
 SW, INV (18'"): 408.75

**S 9-09**  
 STA 71+90.18 (55S70W)  
 O/S 185.60' RT  
 PRECAST REINFORCED CONCRETE  
 FLARED END SECTIONS 18"  
 INV (18'"): 408.50

**P 9-01**  
 52 FOOT STORM SEWERS  
 CLASS A, TYPE 2 15" @ 3.50%  
 TBF = 0.0 CU YD

**P 9-03**  
 50 FOOT STORM SEWERS  
 CLASS A, TYPE 2 15" @ 0.92%  
 TBF = 0.0 CU YD

**P 9-04**  
 15 FOOT STORM SEWERS  
 CLASS A, TYPE 2 15" @ 0.93%  
 TBF = 0.0 CU YD

**P 9-06**  
 259 FOOT STORM SEWERS  
 CLASS A, TYPE 2 27" @ 0.35%  
 TBF = 0.0 CU YD

**P 9-07**  
 87 FOOT STORM SEWERS  
 CLASS A, TYPE 2 18" @ 0.98%  
 TBF = 41.4 CU YD

**P 9-08**  
 25 FOOT STORM SEWERS  
 CLASS A, TYPE 2 18" @ 1.00%  
 TBF = 0.0 CU YD

USER NAME = kukielkak	DESIGNED - KLK	REVISED -
DRAWN - KLK	CHECKED - EEY	DATE - 4-20-11
PLOT SCALE = 48,000 / in.		
PLOT DATE = #DATE#		

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & UTILITY PLAN**

SCALE: 1" = 20' SHEET NO. 9 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-B-1	ST. CLAIR	319	66
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 76C75		

FILE NAME = P:\P68046689\900\_CAD\901\_Drawings\76C75\_Contract\Sheet\Civil\Drainage\DBTr\76C75-shd-drain-09.dgn