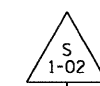




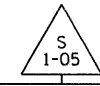
STA 194+75 (7OCL)
O/S 131.15' LT
PRECAST REINFORCED CONCRETE
FLARED END SECTIONS 36"
SW. INV (30"): 415.30



STA 194+75 (7OCL)
O/S 148.54' RT
PRECAST REINFORCED CONCRETE
FLARED END SECTIONS 36"
NE. INV (30"): 415.00



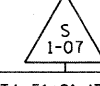
STA 194+31.30 (7OCL)
O/S 165.00' RT
PRECAST REINFORCED CONCRETE
FLARED END SECTIONS 42"
E. INV (42"): 414.88



STA 51+98 (7OE55N)
O/S 190' LT
MANHOLES, SANITARY, 5'-DIAM.
TYPE 1 FRAME, CL
RIM 418.02
NW. INV (21"): 410.36
NE. INV (18"): 410.36 (EX.)

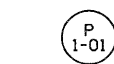
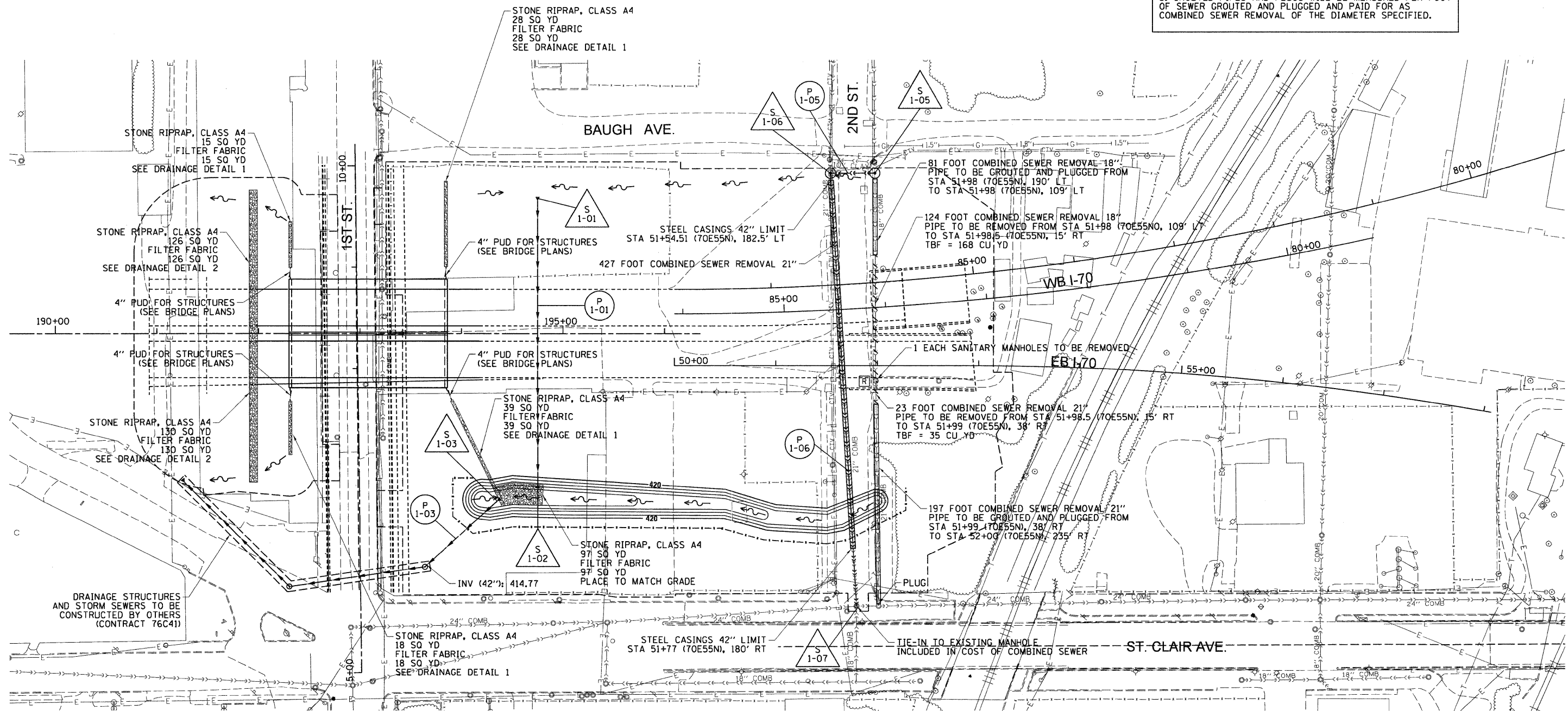


STA 51+54 (7OE55N)
O/S 189.5' LT
MANHOLES, SANITARY, 5'-DIAM.
TYPE 1 FRAME, CL
RIM 418.09
SE. INV (21"): 410.34
SW. INV (24"): 410.34
NE. INV (21"): 410.90 (EX.)



STA 51+81 (7OE55N)
O/S 237' RT
EXISTING SANITARY MANHOLE
RIM 420.96
NE. INV (24"): 410.00
NW. INV (24"): 410.08 (EX.)
SE. INV (24"): 410.00 (EX.)
SW. INV (18"): 410.05 (EX.)

- NOTES:**
1. MANHOLE STRUCTURE OFFSETS ARE TAKEN FROM THE ROADWAY CENTERLINE TO THE CENTER OF THE STRUCTURE. FLARED END SECTION OFFSETS ARE TO THE END OF PIPE.
 2. SEE DRAINAGE DETAILS 1 AND 2 FOR RIPRAP DETAILS.
 3. TRENCH BACKFILL FOR THE PROPOSED COMBINED SEWERS AND EXISTING COMBINED SEWERS TO BE REMOVED SHALL BE PROVIDED FOR THE ALLOWED TRENCH LIMITS TO THE TOP OF THE EXISTING GROUND.
 4. TRENCH BACKFILL FOR PIPE P 1-01 SHALL BE PROVIDED FOR THE ALLOWED TRENCH LIMITS TO A GROUND ELEVATION OF 421.00.
 5. GROUDED PIPES AND PLUGS WILL BE MEASURED PER FOOT OF SEWER GROUDED AND PLUGGED AND PAID FOR AS COMBINED SEWER REMOVAL OF THE DIAMETER SPECIFIED.



280 FOOT PIPE CULVERTS,
CLASS A, TYPE 7 36" @ 0.10%
TBF = 81 CU YD (SEE NOTE 4)



96 FOOT STORM SEWERS,
CLASS A, TYPE 1 42" @ 0.11%
TBF = 0 CU YD



44 FOOT COMBINED SEWERS,
CLASS A, TYPE 2 21" @ 0.05%
TBF = 55 CU YD (SEE NOTE 3)



427 FOOT COMBINED SEWERS,
CLASS A, TYPE 7 24" @ 0.02%
363 FOOT STEEL CASINGS 42"
TBF = 702 CU YD (SEE NOTE 3)
SEE DRAINAGE DETAIL 3

FILE NAME = DBtr1_Dor_Sht_Drn_01.dgn	USER NAME = kukukuk	DESIGNED KLK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN	F.A.P. RTE. 998	SECTION 82-1-2HB	COUNTY ST. CLAIR	TOTAL SHEETS 72	SHEET NO. 25	
PLOT SCALE = 100.000' / 1"	CHECKED DBM/EEY	REVISIONS	REVISED -			SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT DATE = 4/6/2011	DATE 04-06-11	REVISIONS	REVISED -			CONTRACT NO. 76C50					
		REVISIONS	REVISED -								