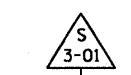
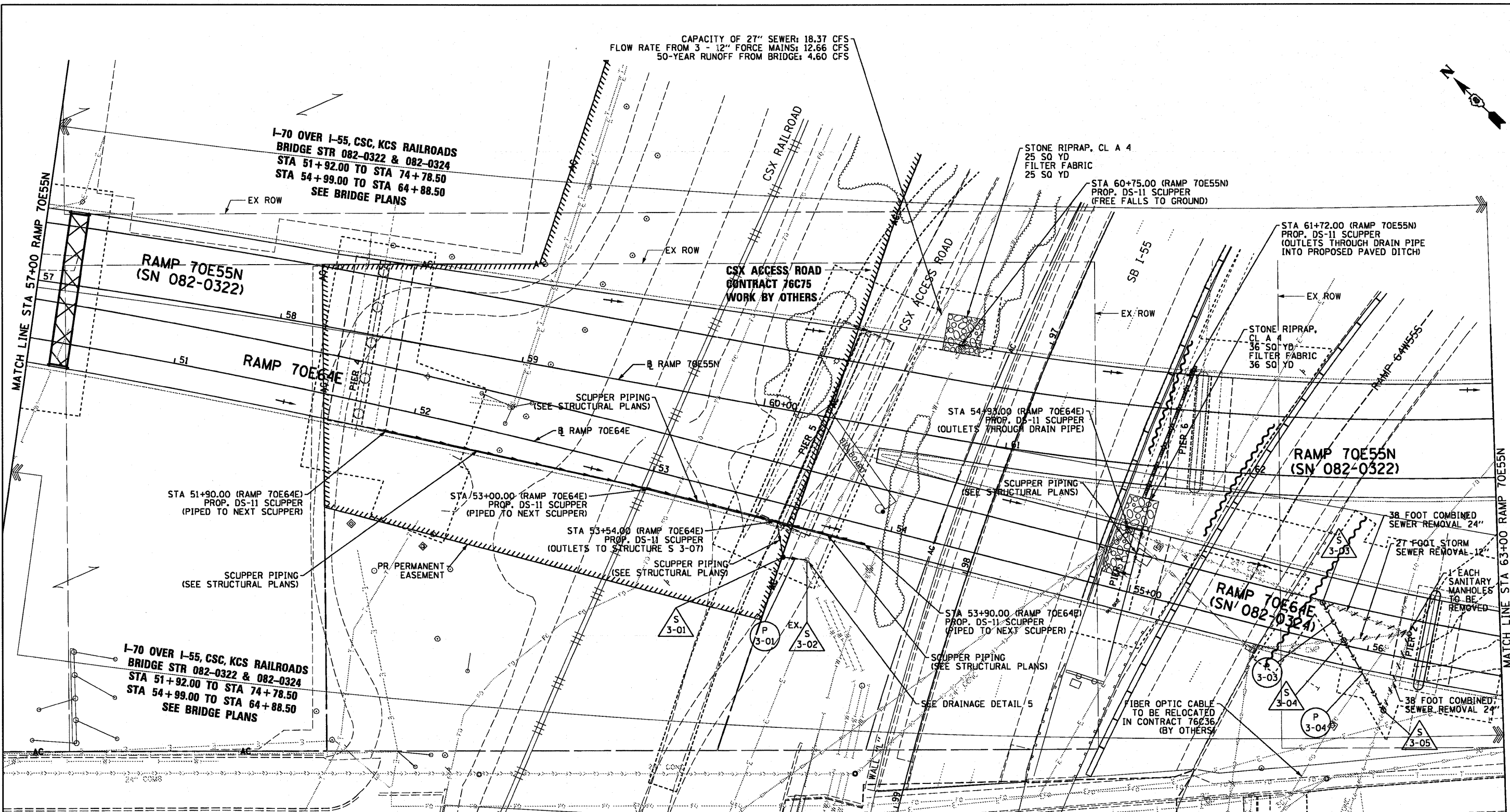
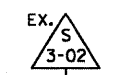


CAPACITY OF 27" SEWER: 18.37 CFS
 FLOW RATE FROM 3 - 12" FORCE MAINS: 12.66 CFS
 50-YEAR RUNOFF FROM BRIDGE: 4.60 CFS



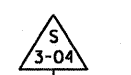
STA 53+60.00 (RAMP 70E64E)
 O/S 21.00' RT
 CATCH BASINS, TYPE A 4'-DIAM. (FST)
 TYPE 1 FRAME CL
 RIM: 428.08
 NE. INV (8'"): 424.76
 SE. INV (12'"): 424.76



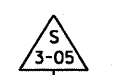
STA 53+69.62 (RAMP 70E64E)
 O/S 19.76' RT
 EXISTING MANHOLE
 RIM: 429.34
 N. INV (12'"): 424.66
 E. INV (27'"): 422.59 (EX)



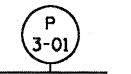
STA 55+77.80 (RAMP 70E64E)
 O/S 15.23' LT
 MANHOLES, SANITARY, 5'-DIAM.
 TYPE 1 FRAME CL
 RIM: 426.86
 NW. INV (24'"): 408.34 (EX)
 SW. INV (24'"): 408.24



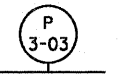
STA 55+89.71 (RAMP 70E64E)
 O/S 2.06' LT
 MANHOLES, SANITARY, 5'-DIAM.
 TYPE 1 FRAME CL
 RIM: 421.19
 NE. INV (24'"): 408.19
 NW. INV (12'"): ±416.00 (MATCH EX)
 SW. INV (24'"): 408.19



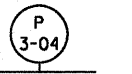
STA 56+11.32 (RAMP 70E64E)
 O/S 22.83' RT
 MANHOLES, SANITARY, 5'-DIAM.
 TYPE 1 FRAME CL
 RIM: 413.17
 NE. INV (24'"): 408.09
 SW. INV (24'"): 408.04 (EX)



10 FOOT STORM SEWERS
 CLASS A, TYPE 2 12" @ 2.80%
 TBF = 0.0 CU YD



18 FOOT COMBINED SEWERS
 CLASS A, TYPE 3 24" @ 0.28%
 TBF = 0.0 CU YD



33 FOOT COMBINED SEWERS
 CLASS A, TYPE 2 24" @ 0.30%
 TBF = 0.0 CU YD

USER NAME = searab	DESIGNED KLK	REVISED -
PLDT SCALE = 40.0000' / in.	DRAWN KLK	REVISED -
PLDT DATE = 7/1/2011	CHECKED EY	REVISED -
	DATE 07-01-11	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN

SCALE: 1" = 20' SHEET NO. 3 OF 7 SHEETS STA. 57+00 TO STA. 63+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64/998	82-1-B-2	ST. CLAIR	399	63
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C76	