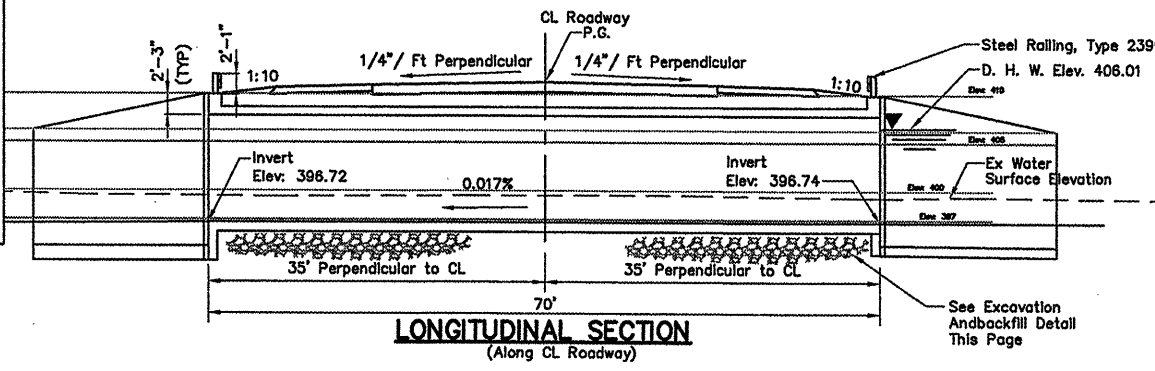


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9212	99-00009-01-FP	ST. CLAIR		70
FED. ROAD DIST. NO. 8	ILLINOIS	FED. AID PROJECT-	CULVERT TS&L	

PER GEOTECHNICAL RECOMMENDATION STRUCTURE IS TO BE CONSTRUCTED 3"(0.25') ABOVE STATED FLOWLINES TO PERMIT CONSOLIDATION OF SOILS BENEATH CULVERT SLAB AND WINGWALLS. ALL FILL IS TO BE PLACED ON STRUCTURE. A SETTLEMENT PERIOD OF 60-90 DAY IS TO BE ALLOWED. CONTRACTOR IS TO MONITOR SETTLEMENT OF STRUCTURE AS DIRECTED BY RESIDENT ENGINEER UNTIL SETTLEMENT HAS SUBSIDED AND PAVEMENT PERMISSION TO PLACE PAVEMENT IS GIVEN BY RESIDENT ENGINEER.

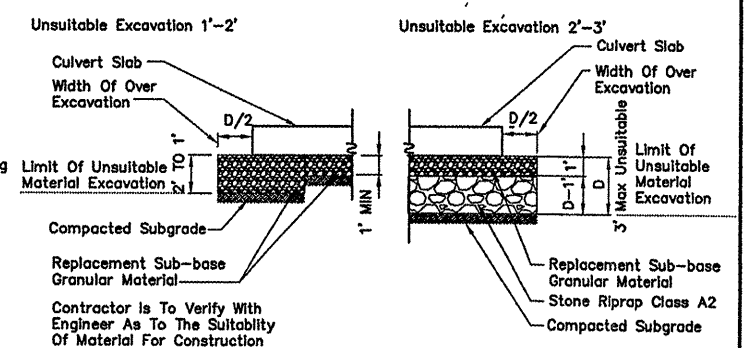
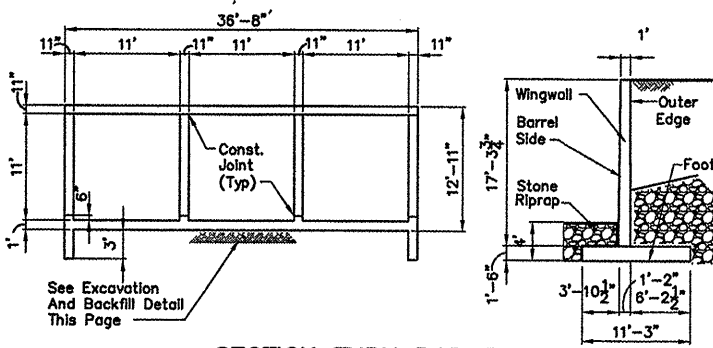
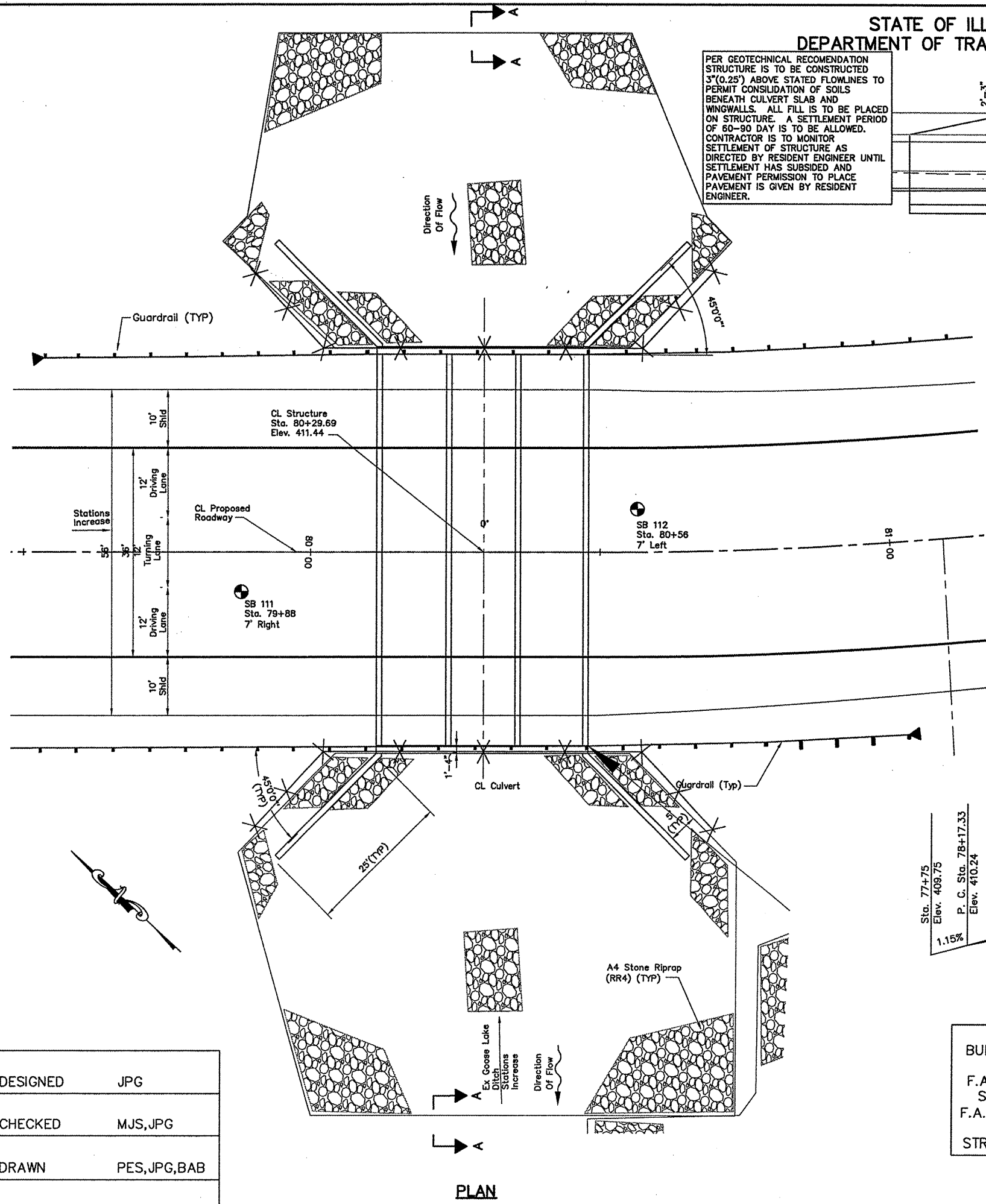


Bench Mark: Brass disc at Sauget Industrial Parkway (Elev 409.73, RT 1.15), Ex IP 42+12.14, Rt 126.08, (Elev 405.77)

Note: Precast alternate not allowed.
New road development. Staged construction not required.

Scour analysis indicates stable conditions. Stone revetment has been added for wingwall footing protection.

It shall be the Contractor's responsibility to divert any stream flow.



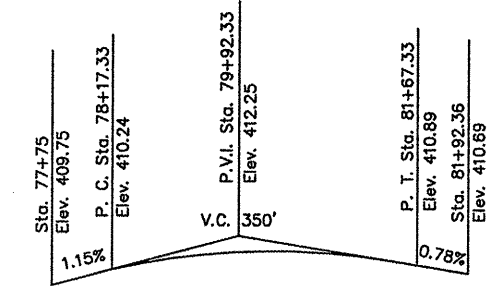
SECTION THRU BARREL

EXCAVATION & BACKFILL

WATERWAY INFORMATION

Drainage Area = 3.32 sq. mi. Low Grade Elev.N/A (E) 411.84 (P) @ Sta. 80+29.69

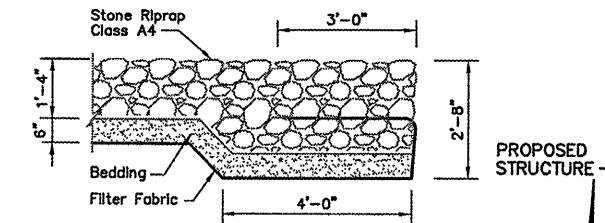
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	30	1,456	NA	317.79	406.01	NA	0.34	NA	406.35
Base	100	1,766	NA	333.96	406.84	NA	0.50	NA	407.34
Ex. Overtop	NA	NA	NA	-	NA	NA	-	NA	-
Pr. Overtop	NA	0	-	NA	NA	-	NA	-	NA
Max Calc.	500	2223	NA	363	407.99	-	0.70	-	408.69



PROFILE GRADE

STATION 80+29.69
BUILT BY THE VILLAGE OF SAUGET
F.A.I PROJ RTE FAU 9212
SEC 99-00009-01-FP
F.A. PROJ HPD-1443 (003)
LOADING HS20
STRUCTURE NO. 082-6606

NAME PLATE
SEE STANDARD 515001



SECTION A-A
NOT TO SCALE

HIGHWAY CLASSIFICATION

Ill. Rte. 9212
Functional Class: Urban Collector
ADT: 0 (2006); 9,970 (2026)
DHV: 2,125
Design Speed: 40 m.p.h.
Posted Speed: 40 m.p.h.

LOADING HS20-44

Allow 50#/sq. ft. for future wearing surface

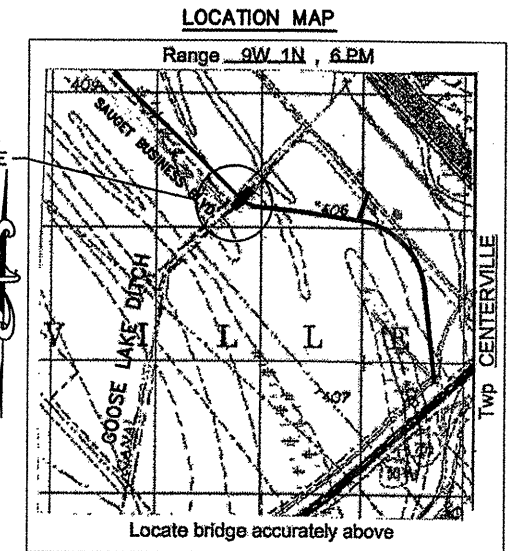
DESIGN SPECIFICATIONS

2002 AASHTO

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
f'y = 60,000 psi (reinforcement)



GENERAL PLAN
NEW SAUGET BUSINESS BLVD.
OVER GOOSE LAKE DITCH
F.A.U. ROUTE 9212 -SECTION
97-00009-01-FP
ST. CLAIR COUNTY
STATION 80+29.69
STRUCTURE No. 082-6606

T:\Clients\SAUGET\97312-97-1 phii adwg\1-GOOSE-LAKE-TS&L.dwg, TS&L, 4/10/2008 10:16:22 AM, jpg, \PHW100\KM-3035, Ledger, 1:2, PHW07, PHW03

DESIGNED	JPG
CHECKED	MJS,JPG
DRAWN	PES,JPG,BAB
CHECKED	TPW