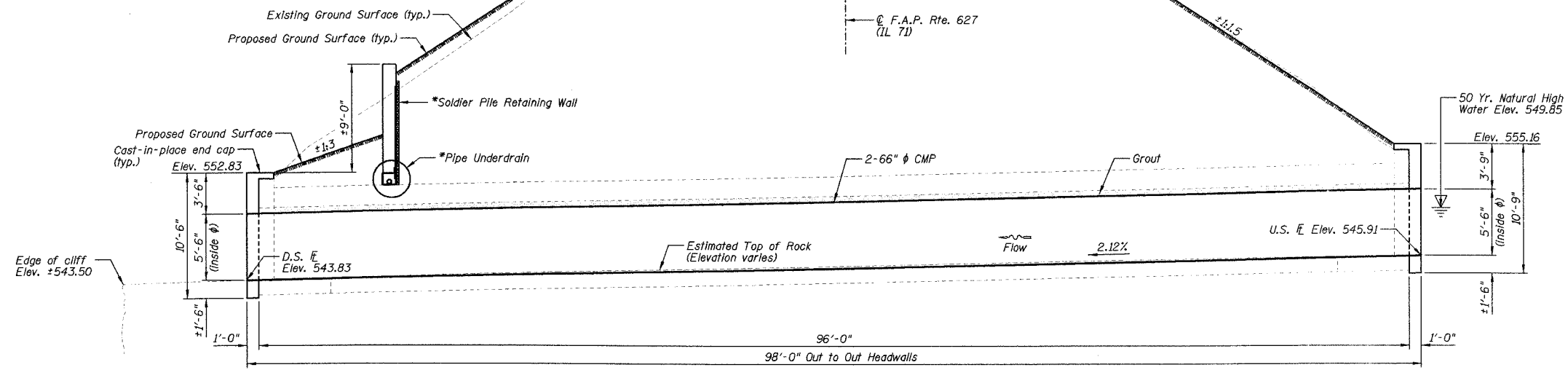
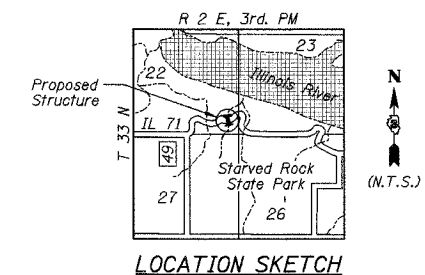


Benchmarks: 1.) Top of guardrail post on the South side of IL Rte. 71 @ the back center of the 10th post East from the West end of the rail @ Station 400+80.31/14.62' RT., Elevation = 581.01.
 2.) Top of guardrail post on the South side of IL Rte. 71 @ back center of the 10th post West from the East end of the rail @ Station 403+50.18/14.71' RT., Elevation = 580.64.

Existing Structure: Existing Culvert No. 9, built 1922, Section I-1 at Station 402+22.00 and carries F.A.P. 627 (IL 71) over tributary to Illinois River. Consists of a single barrel 12'x6' reinforced concrete box culvert with wingwalls parallel to the roadway and the out to out of headwall length = 96'-0". Traffic will be maintained during construction via detour routes.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
627	(1-1)I-1	LA SALLE	60	29
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66550		SHEET NO. C1		

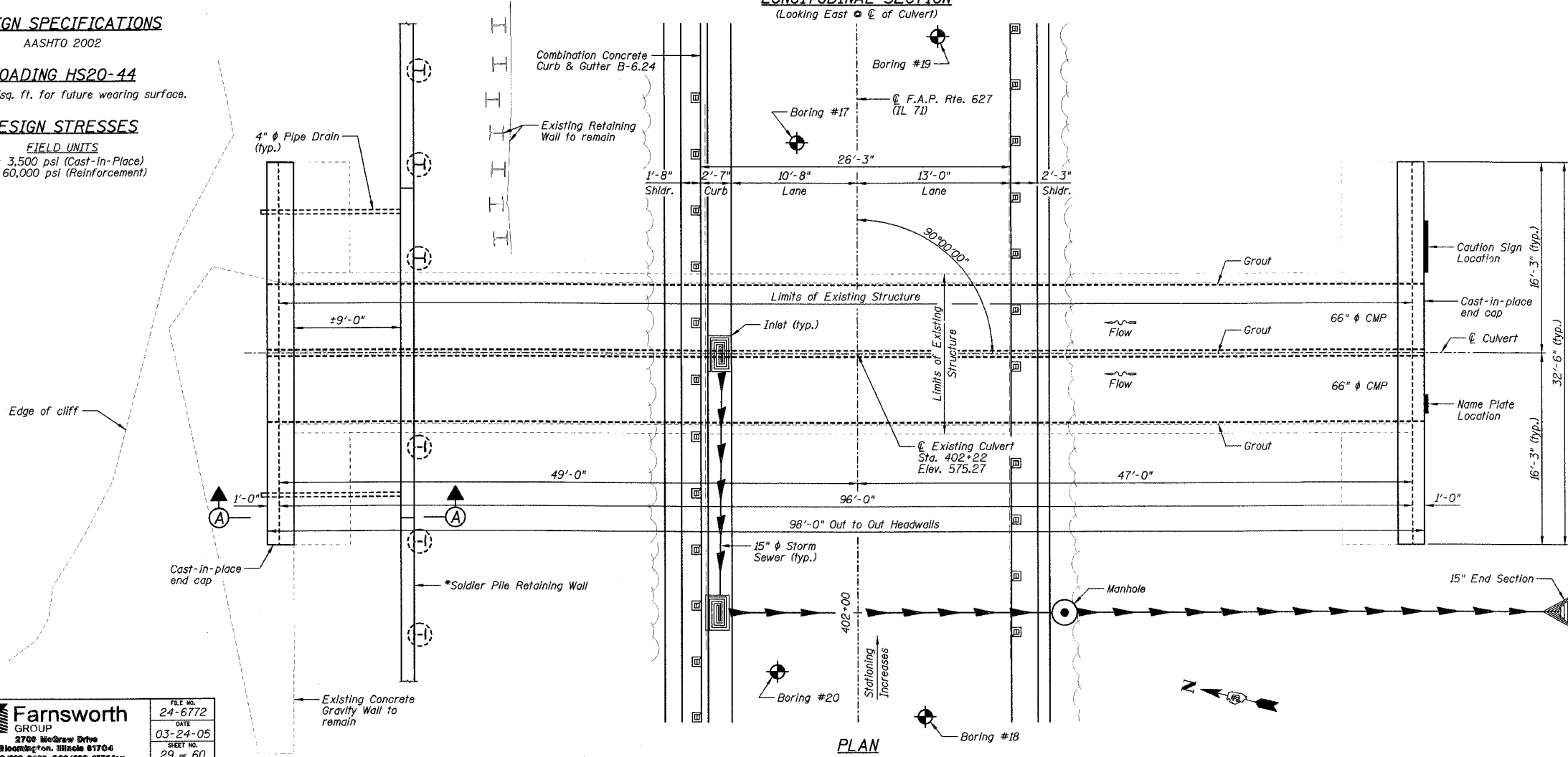
OF 6 SHEETS



DESIGN SPECIFICATIONS
AASHTO 2002

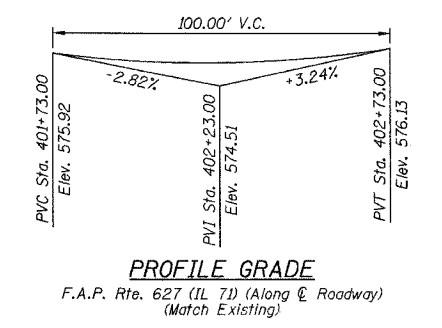
LOADING HS20-44
Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES
FIELD UNITS
f'c = 3,500 psi (Cast-in-Place)
fy = 60,000 psi (Reinforcement)



INDEX TO SHEETS

SHEET NO.	TITLE
C1	GENERAL PLAN AND ELEVATION
C2	BOX CULVERT SECTION, DETAILS, GENERAL NOTES AND BILL OF MATERIALS
C3	SOUTH CAST-IN-PLACE END CAP PLAN, ELEVATIONS, SECTIONS AND DETAILS
C4	NORTH CAST-IN-PLACE END CAP PLAN, ELEVATIONS, SECTIONS AND DETAILS
C5-C6	EXISTING PLANS



Mark S. Wylie Date 3/24/05
 MARK S. WYLIE
 ILLINOIS STRUCTURAL ENGINEER
 NO. 081-005002
 Exp. Date 11/30/06

- NOTES:**
- 1.) Work this sheet with Sheets C2 thru C4.
 - 2.) *See Soldier Pile Retaining Wall plans, Structure No. 050-W003, Sheets D1 thru D4.
 - 3.) For Section A-A see Sheet C2.
 - 4.) P.G.L. denotes Profile Grade Line.

GENERAL PLAN AND ELEVATION
 IL ROUTE 71
 OVER TRIBUTARY TO ILLINOIS RIVER
 F.A.P. ROUTE 627 - SEC. (1-1)I-1
 LA SALLE COUNTY
 STATION 402+22.00
 STRUCTURE NO. 050-C803

DESIGNED BY J.M.L.	Farnsworth GROUP 2700 McGraw Drive Bloomington, Illinois 61704 309/883-8836, 309/883-1871 fax	FILE NO. 24-6772
DRAWN BY D.J.M.		DATE 03-24-05
CHECKED BY M.S.W.		SHEET NO. 29 of 60