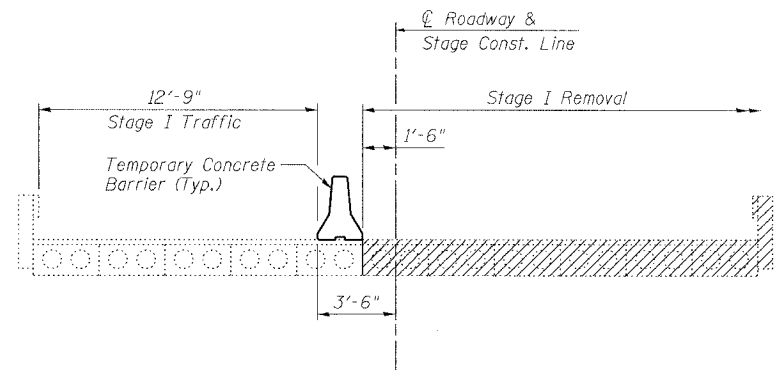


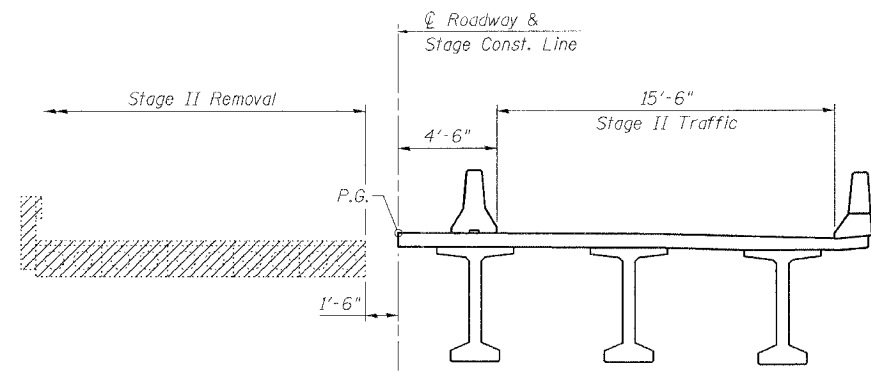
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
FAP 609	*	ST. CLAIR	46	22
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
			76-3BR	

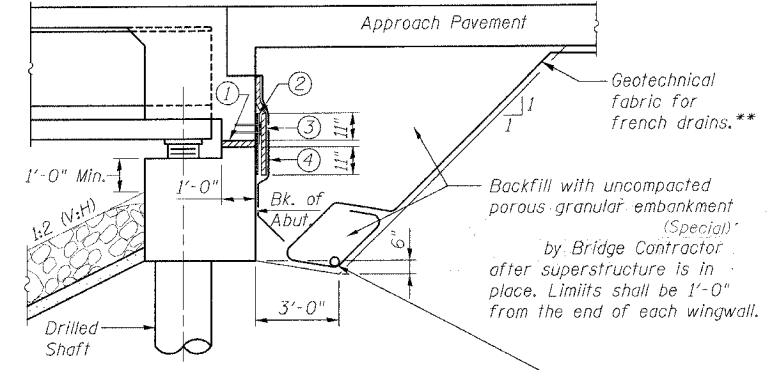
SHEET NO. 2
15 SHEETS
76268



STAGE I REMOVAL



STAGE II REMOVAL



A 6"φ perforated drain pipe shall be situated at the bottom of an approximate 2' x 2' area of porous granular embankment (Special). 2' x 2' area shall be wrapped completely in geotechnical fabric for french drains. Extend pipe parallel with the cap until intersecting with the sideslope. Pipes shall drain onto concrete headwalls (Article 601.05 of the Std. Specifications and Highway Std. 601101).

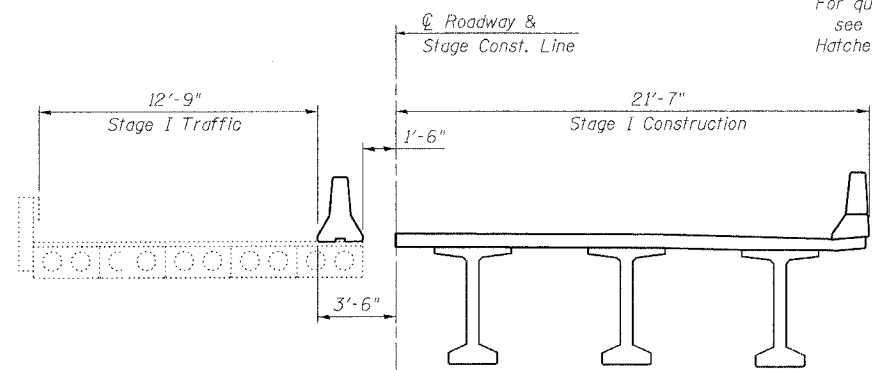
- ① 2" Preformed Joint Filler (Section 1051 of the Standard Specifications) bonded to abutment cap with approved adhesive (full width of cap)
- ② Fabric Reinforced Elastomeric Mat (See Special Provisions). Fabric mat shall be 24" wide and attached full width to the abutment cap with a 3/8" x 5" steel plate and 1/2" φ studs with nuts and washers at 12" cts.
- ③ 2" Preformed Joint Filler (Section 1051 of the Standard Specifications) bonded to superstructure (full width of cap)
- ④ Geocomposite Wall Drain (Section 591 of the Standard Specifications - full width of cap)

Items ① ② ③ & ④ shall be included in the cost of Concrete Superstructure.

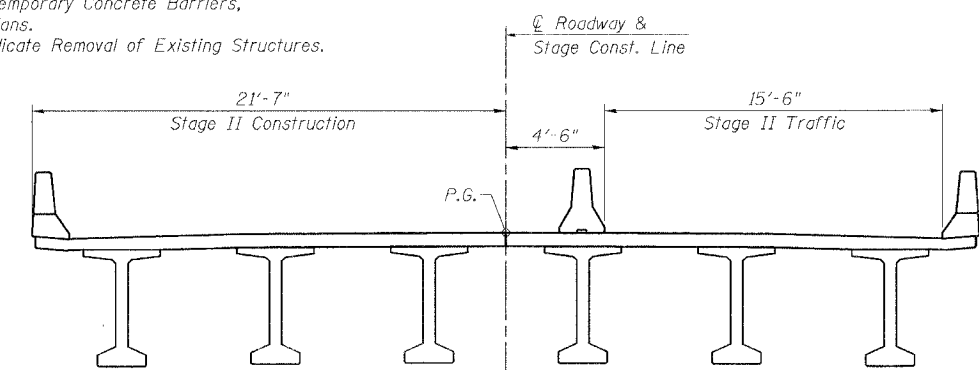
** Included in the cost of Porous Granular Embankment, (Special)

SECTION THRU SEMI-INTEGRAL ABUTMENT

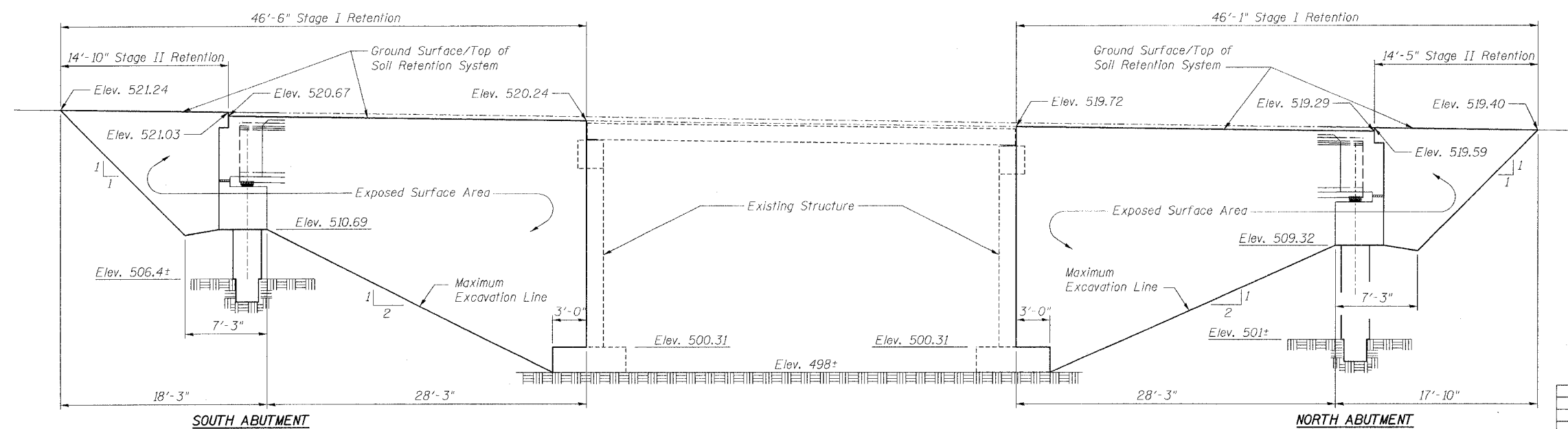
Notes: All cross sections are looking North.
For quantity of Temporary Concrete Barriers, see Roadway Plans.
Hatched areas indicate Removal of Existing Structures.



STAGE I CONSTRUCTION



STAGE II CONSTRUCTION



Note: A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETAILS
FAP RTE 609 (IL 163) PRAIRIE DuPONT CR.
SECTION 76-3BR
ST. CLAIR COUNTY
STA. 138+66.06
S.N. 082-0305

SCALE: VERT. _____
HORIZ. _____
DATE: 7/26/04

DRAWN BY: LANDREY
DESIGNED BY: WATKINS
CHECKED BY: SANFORD

GREENE & BRADFORD, INC.
CONSULTING ENGINEERS
3000 W. BROADWAY
SPRINGFIELD, ILLINOIS 62761
PHONE: 217-223-8800
FAX: 217-223-8801
WWW.GRENE-AND-BRADFORD.COM

COMPUTER FILE NO.
SN0820305_STG

PROJECT 02076
4/28/05-NMML

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