ROUTE	SECTION	COUNTY	TOT. SHTS.	SHT.
C.H. 27	03-00180-00-BR	JEFFERSON	8	6
	JEFFERSON COUNTY	ROAD DISTRIC	T	

CONTRACT 95432



- This bridge has been designed for general site conditions. The project engineer shall be responsible for the structure's suitability to the existing site conditions and for the hydraulic evaluation including scour and confirmation of soil conditions.
- 2. Prior to construction, contractor must verify all elevations shown through the engineer.

DESIGN DATA

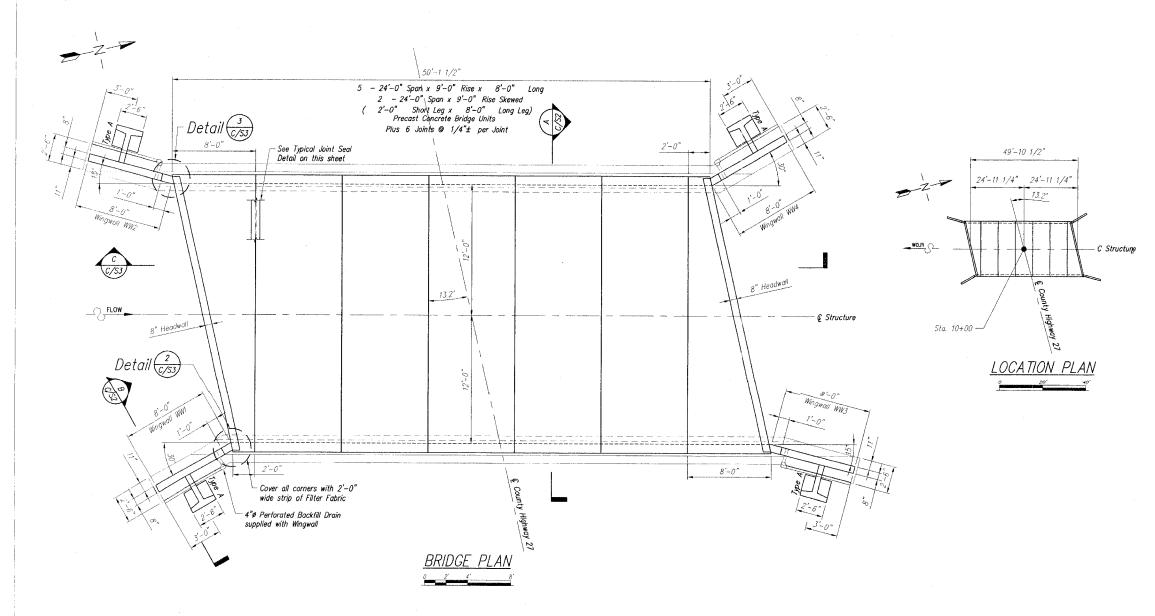
Design Loading: Bridge Units: **HS20-44**

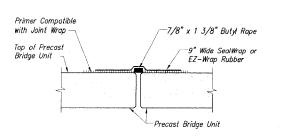
Bridge Units: HS20-44
Headwalta: Earth Pressure Only
Wingwalts: Earth Pressure Only
Design Fill Height: Varies from 1'-0" min. to 5'-6" max.
from top of crown to top of povement.
Design Method: Load factor per AASHTO Specification
Assumed net allowable soil bearing pressure: 8000 PSF *
Assumed gross allowable soil bearing pressure: 8000 PSF *

*Bearing capacity is based upon soils borings provided by the Jefferson County Highway Department. If actual site conditions vary from the borings and a shale strata is not encountered, then **the** engineers must be notified for a revised foundation design.

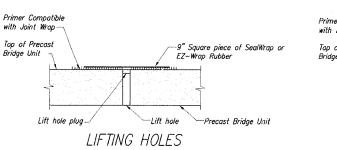
MATERIALS

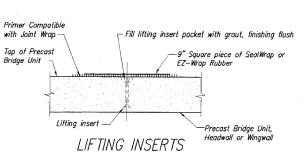
Concrete for Footings shall have a minimum compressive strength of 4000 psi. Reinforcing steel for footings shall conform to ASTM A615, A616 or A617–Grade 60.





TYPICAL JOINT SEAL DETAIL opt to scale





TYPICAL LIFT POINT SEALING DETAIL