

STATE OF ILLINOIS  
HENRY COUNTY HIGHWAY

FAS RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
232	06-00143-00-BR	HENRY	7	5
F.H.W.A. REG.		ILLINOIS PROJECT		

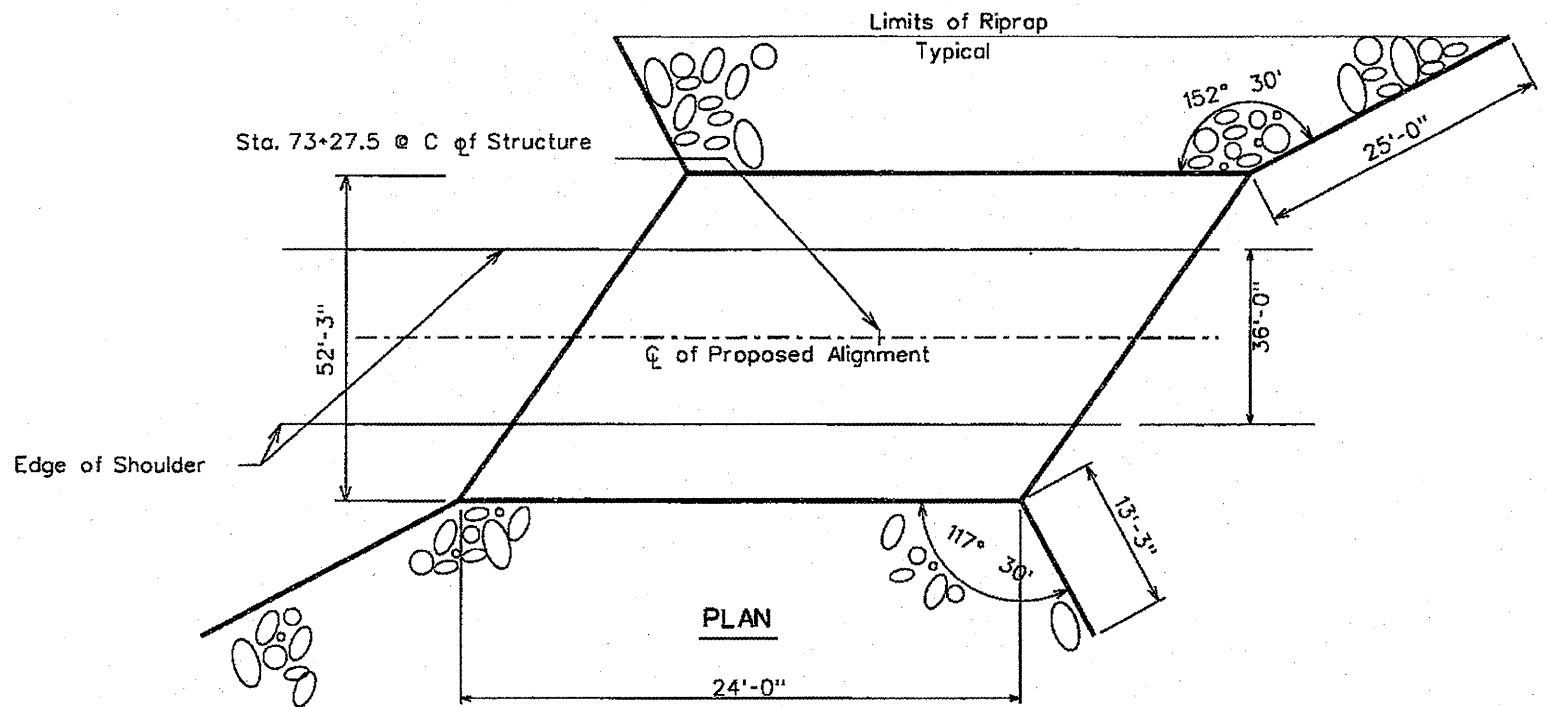
Contract 85440

GENERAL NOTES

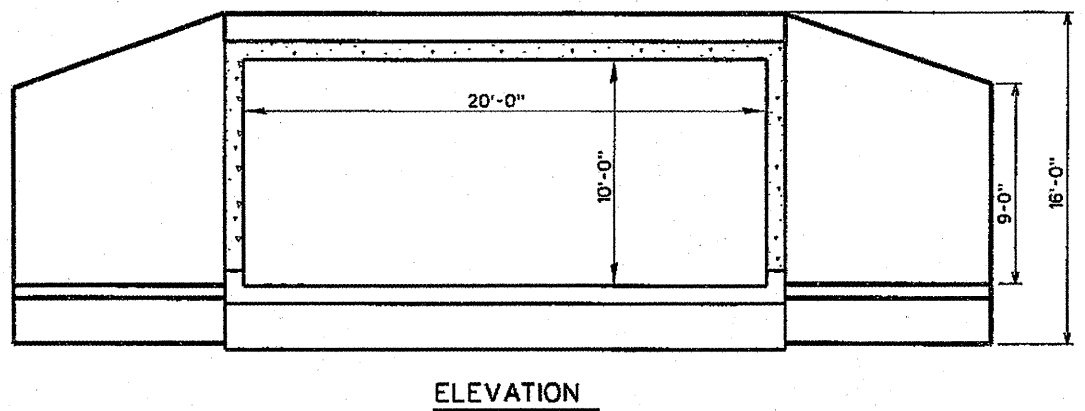
- The loading for structure shall be HS20-44
- Reinforcement bars shall conform to AASHTO M-31, M-42, or M-53 Grade 60

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structure	Each		1	
Concrete Box Culverts	Cu.Yd		259.8	259.8
Reinforcement Bars	Pound		35,860	35,860
Reinforcement Bars (Ep. Coated)	Pound		1,260	1,260
Stone Dumped Rip Rap Class A4	Sq.Yd.		70.0	70.0



I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for this style of structure and complies with the requirements of the current AASHTO Standard Specifications for Highway Bridges.



STATION 73+27.5  
SEC. 06-00143-00-BR BUILT 2008  
HENRY COUNTY  
LOADING HS20-44  
STR. NO. 037-5011



*Keith E. Brandau* 08/14/08  
Keith E. Brandau Date  
Illinois Structural No. 4905  
License Expires 11/30/2008

WATERWAY INFORMATION

Drainage Area - 3.25 Sq. Miles		Low Grade Elev. 188.05 @ Sta. 73+27.5			
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Natural H.W.E.
			Exist.	Prop.	
Design	20	1020	160	167	181.33
Base	100	1557	160	186	182.31

LETTERING FOR NAME PLATE  
SEE STD. CN

GENERAL PLAN & ELEVATION
CH 5 SECTION 06-00143-00-DR
HENRY COUNTY