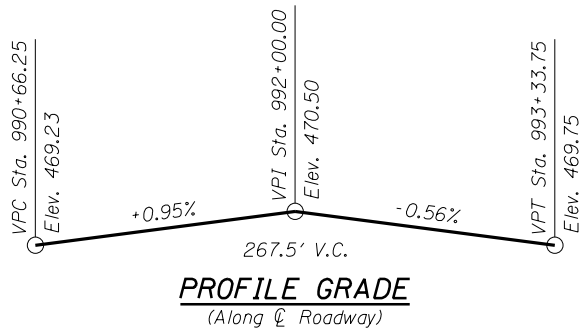


STATION 992+03.00
BUILT 20__ BY
STATE OF ILLINOIS
F.A.P. RT. 614 SEC. 144(B-4)
LOADING HS 20-44
STR. NO. 009-2511

LETTERING FOR NAME PLATE
See Std. 515001

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for
Highway Bridges, 17th Edition

LOADING HS-20-44

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

DESIGN STRESSES

f'_c = 3,500 psi
 f_y = 60,000 psi (Reinf.)

INDEX OF SHEETS

1. General Plan
2. General Data
3. Stage Construction Details
4. Temporary Concrete Barrier
for Stage Construction
5. Culvert Plan
6. Culvert Details
7. Bar Splicer Assembly and
Mechanical Splicer Details
- 8.-9. Soil Boring Logs

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	Upstream	Downstream
	457.35	457.15

WATERWAY INFORMATION

Drainage Area = 52 sq. mi.		Existing Low Grade Elev. = 468.1 @ Sta. 995+90.27 Proposed Low Grade Elev. = 468.1 @ Sta. 995+90.27							
Flood Bridge	Freq. Yr.	Discharge (cfs)	Opening		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Box		183	93	93	463.7	0.0	0.0	463.7	463.7
Design Bridge	50	6412	1061	1061	465.4	0.2	0.2	465.5	465.5
Box		508	133	133					
Base Bridge	100	7459	1102	1102	465.8	0.3	0.3	466.1	466.1
Box		641	145	145					
Overtopping	>500								
Max. Bridge	500	10081	1102	1102					
Calc. Box		919	168	168	466.9	0.7	0.7	467.6	467.6

CB Coombe-Bloxdorf P.C.
-CIVIL ENGINEERS-
-STRUCTURAL ENGINEERS-
-LAND SURVEYORS-
Design Firm License No.184-002703

FILE NAME =	USER NAME = sparksgw	DESIGNED - GB	REVISED -
ct:\pw\work\p\idot\sparksgw\0279951\0092511-72855-002-GenData.dgn		CHECKED - MCB	REVISED -
	PLOT SCALE = 10:8.000000 '1' / in.	DRAWN - MML	REVISED -
CB PROJECT NO. 07048-14	PLOT DATE = Aug-31-2011 09:41:30AM	CHECKED - MCB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL DATA
STRUCTURE NO. 009-2511

SHEET NO. 2 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614	144(B-4)	CASS	97	46
		CONTRACT NO. 72B55		
ILLINOIS		FED. AID PROJECT		