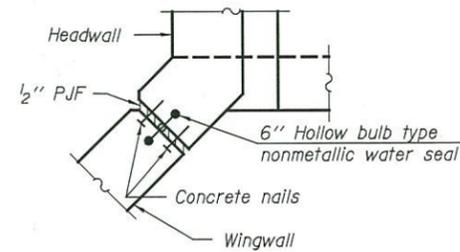
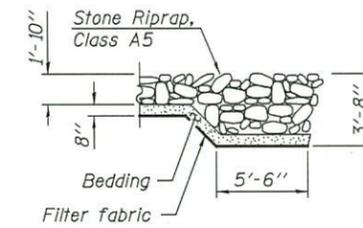


CROSS SECTION



CORNER DETAIL
(Typical at each wingwall)



SECTION A-A

APPROVED

FEB 04 2014

AS A BASIS FOR
PREPARATION OF DETAILED PLANS

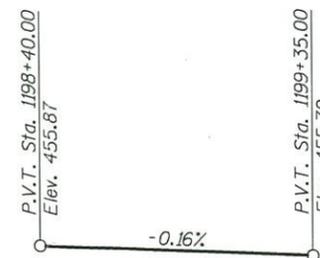
DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	Upstream	Downstream
	441.83	440.73

WATERWAY INFORMATION

Flood Yr.	Freq.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
	10	270	77	60	449.8	0.0	0.0	449.8	449.8
Design	50	469	101	76	451.2	0.0	0.0	451.2	451.2
Base	100	564	110	82	451.7	0.0	0.0	451.7	451.7
Overtopping	-	-	-	-	-	-	-	-	-
Max. Calc.	500	806	124	92	452.5	0.0	0.5	452.5	453.0

Existing 10-year velocity = 3.51 ft./sec.
Proposed 10-year velocity = 4.50 ft./sec.



PROFILE GRADE
(Along \varnothing F.A.P. Rte. 116)

DETAILS
IL. RTE. 130 OVER STREAM
F.A.P. RTE. 116 - SEC. (7BY)B-1
EDWARDS COUNTY
STATION 1198+82.00
STRUCTURE NO. 024-7033

DESIGNED - SEAN CHAU
CHECKED - _____
DRAWN - MICHAEL B. MOSSMAN
CHECKED - _____

11-18-2013

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	(7BY)B-1	EDWARDS	___	___
CONTRACT NO. 74354			ILLINOIS FED. AID PROJECT	