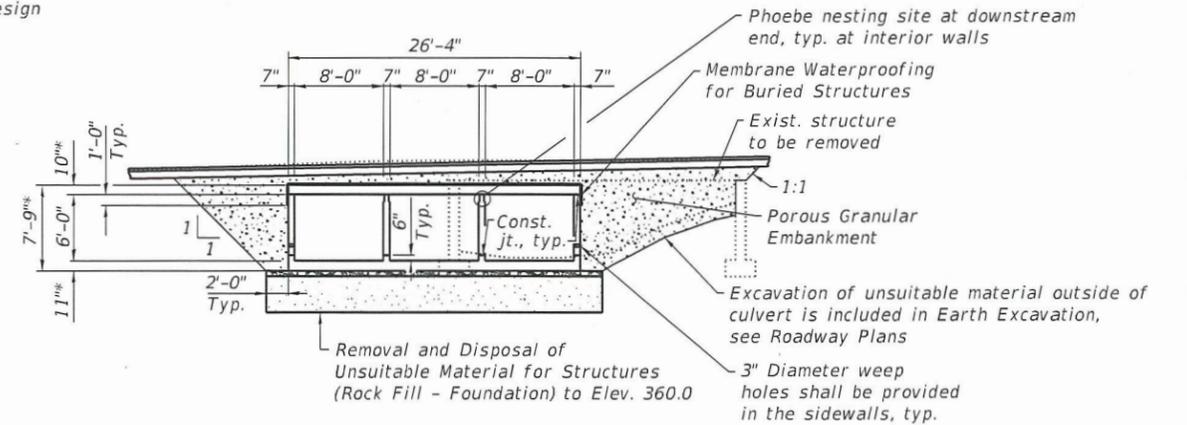


* Slab thickness may be refined in final design



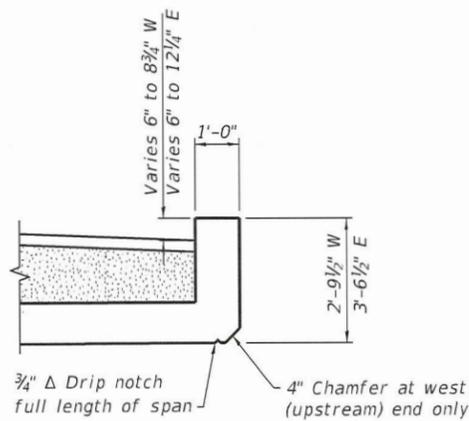
- ① Measured along barrel
- ② Paved shoulder
- ③ 4.0% & varies

LONGITUDINAL SECTION

(SN 083-2018, Looking North)
(Dimensions at rt. angle to C TR 184 unless noted otherwise)

SECTION THRU BARREL

(SN 083-2018, Looking West)
(Dimensions at rt. angle to barrel)



SN 083-2018 HEADWALL DETAIL

SN 083-2018 WATERWAY INFORMATION

Flood		Freq. Yr.	Discharge (C.F.S.)	Waterway Opening (sq. ft.)		Natural H.W.E. (ft.)	Head (ft.)		Headwater Elev. (ft.)	
				Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design		10	1060	134.5	138.0	372.9	0.6	0.2	373.5	373.1
Base		20	1380	134.5	138.0	373.1	0.7	0.2	373.8	373.3
Overtop Existing		50	1740	134.5	138.0	373.3	0.8	0.3	374.1	373.6
Overtop Proposed		3	500	134.5	-	372.3	-	-	372.5	-
Max. Calc.		3	500	-	138.0	372.3	-	0.0	-	372.3
		100	2050	134.5	138.0	373.4	0.8	0.3	374.2	373.7

10 Year Velocity through Existing Bridge = 3.9 ft/s
10 Year Velocity through Proposed Bridge = 5.0 ft/s

APPROVED

NOV 07 2019

AS A BASIS FOR
PREPARATION OF DETAILED PLANS

DETAILS
FEAZEL ROAD OVER PANKEY BRANCH
FAP ROUTE 881 - SECTION 32B-3

SALINE COUNTY
STATION 9+40.00 FEAZEL RD
STRUCTURE NO. 083-2018

MODEL: PLOT FILE NAME: Y:\IDOT\1035-07_78501\CADD\TSL SN083-2018\0832018-78501-TSL-2.dgn



USER NAME = nm
ESCA PROJECT NO. 988.15
PLOT SCALE = 0.2" = 1' / in.
PLOT DATE = 11/6/2019

DESIGNED - SKM
CHECKED - ELH
DRAWN - SKM
CHECKED - 10/19

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 2 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
881	32B-2;32B-3	SALINE	2	2
CONTRACT NO. 78501			ILLINOIS FED. AID PROJECT	