

SHELBY CO.

EXISTING SN 070-0019

SINGLE SPAN REINFORCED CONCRETE SLAB BRIDGE WITH A SPAN LENGTH OF 20'-1 1/2". DECK IS 39'-2" FACE TO FACE OF CURB AND 42'-2" OUT TO OUT. PARAPETS ARE CONCRETE BANNERST. BITUMINOUS WEARING SURFACE ON DECK IS 4". STATION 833+59.00, SKEW 0°

* (TO BE REMOVED)

PROPOSED SN 070-2015 PRECAST BOX CULVERTS WITH CAST-IN-PLACE END SECTIONS NO. 3 2 @ 10' x 10' x 49'-0" STATION 833+59.00, SKEW 0° USFL = 661.33 DSFL = 661.00 (SEE C.I.P. END SECTION DETAILS) (SEE CULVERT DETAILS)

EX. GUARDRAIL (TBR)

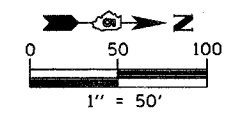
PR. R.O.W.

DRAINAGE AREA = 1.82 SQ. MILES

LOW GRADE ELEV. = 673.22 @ STA. 834+29.83

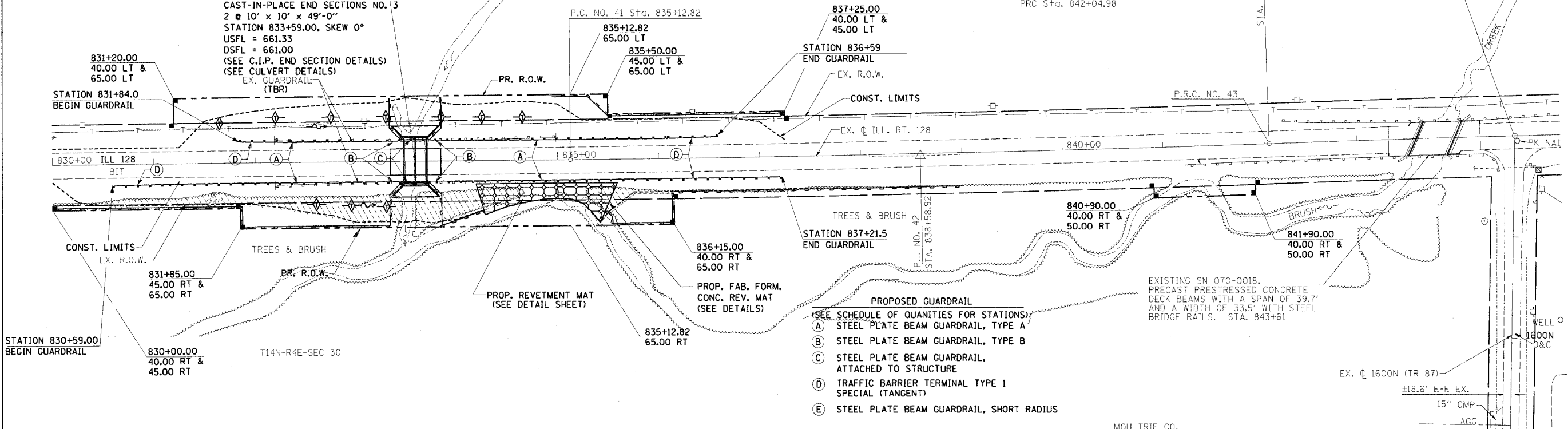
FLOOD	FREQ. YEAR	O		OPENING (sq.mi)		NATURAL H.W.E.		HEAD (FT)		HEADWATER ELEV.	
		C.F.S.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	
DESIGN	50	738.08	152.09	200.00	670.26	670.26	0.117	0.012	670.38	670.27	
BASE	100	813.30	159.31	200.00	670.65	670.66	0.150	0.035	670.81	670.70	
OVERTOPPING	-	-	-	-	-	-	-	-	-	-	-
MAX. CALC.	500	1060.50	174.38	200.00	671.53	671.53	0.232	0.164	671.76	671.70	

Exist. Curve CUR42 PI Sta. 838+58.92 Δ = 1° 25' 45" (LT) D = 0° 12' 23" T = 346.10' R = 27,749.54' L = 692.16' E = 2.16' PC Sta. 835+12.82 PRC Sta. 842+04.98



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	(115,116)BR	SHELBY & MOULTRIE	77	15
STA. 830+00		TO STA. 845+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 74148

STA. 844+55.91 @ ILL. RT. 128 = STA. 1370+00.00 @ 1600N (TR 87)



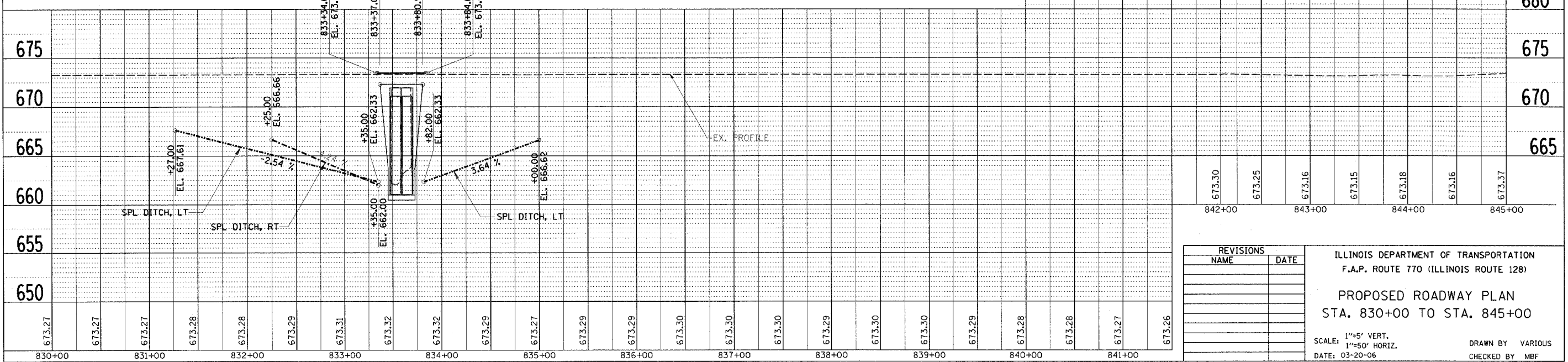
- (SEE SCHEDULE OF QUANTITIES FOR STATIONS)
- (A) STEEL PLATE BEAM GUARDRAIL, TYPE A
 - (B) STEEL PLATE BEAM GUARDRAIL, TYPE B
 - (C) STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURE
 - (D) TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)
 - (E) STEEL PLATE BEAM GUARDRAIL, SHORT RADIUS

LEGEND

- = BITUMINOUS SURFACE REMOVAL - BUTT JOINT
- = TREE REMOVAL, ACRES

PROPOSED PAVEMENT PATCH
PAY LIMIT FOR POROUS GRANULAR BACKFILL (SEE DETAIL FOR DIMENSIONS)

* REMOVAL OF EXISTING STRUCTURES NO. 3 - 1 EACH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 770 (ILLINOIS ROUTE 128)

PROPOSED ROADWAY PLAN
STA. 830+00 TO STA. 845+00

SCALE: 1"=5' VERT.
1"=50' HORIZ.
DATE: 03-20-06

DRAWN BY VARIOUS
CHECKED BY MBF

DATE	
BY	
PLAN	
DATE	
BY	
PROFILE	
DATE	
BY	

DATE	
BY	
PROFILE	
DATE	
BY	