

SHELBY CO.

PROPOSED GUARDRAIL

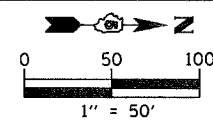
(SEE SCHEDULE OF QUANTITIES FOR STATIONS)

- (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)

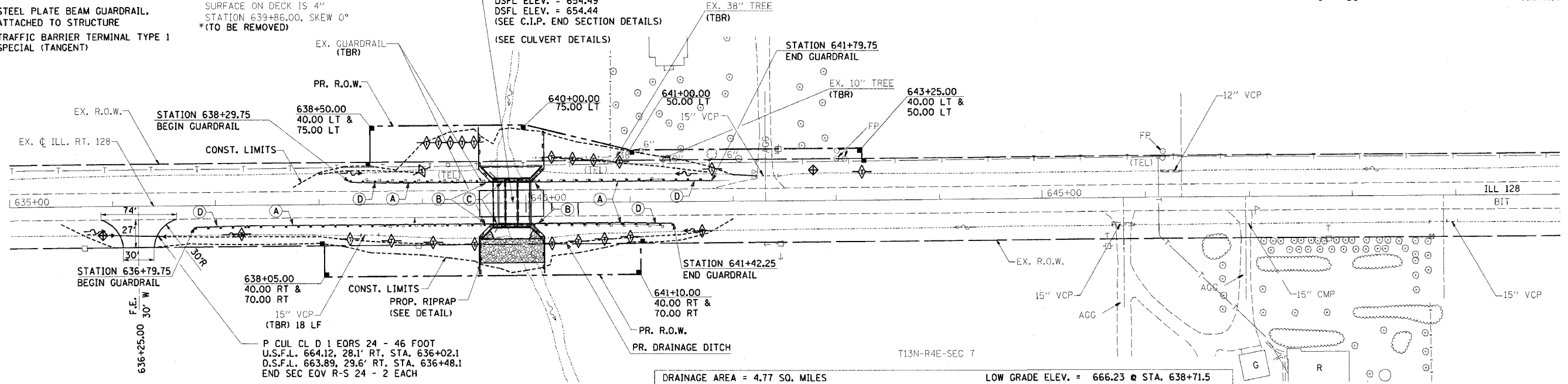
EXISTING SN 070-0021
SINGLE SPAN REINFORCED CONCRETE SLAB BRIDGE WITH A SPAN OF 30' DECK IS 39'-2" FACE TO FACE OF CURB AND 42'-2" OUT TO OUT. PARAPETS ARE CONCRETE BANNISTERS. BITUMINOUS WEARING SURFACE ON DECK IS 4"
STATION 639+86.00, SKEW 0°
*(TO BE REMOVED)

PROPOSED STRUCTURE SN 070-2017
PRECAST BOX CULVERTS WITH CAST-IN-PLACE END SECTIONS NO. 1
3 @ 10' x 10' x 48'-0"
STATION 639+86.00
USFL ELEV. = 654.49
DSFL ELEV. = 654.44
(SEE C.I.P. END SECTION DETAILS)
(SEE CULVERT DETAILS)

* REMOVAL OF EXISTING STRUCTURES NO. 1 - 1 EACH



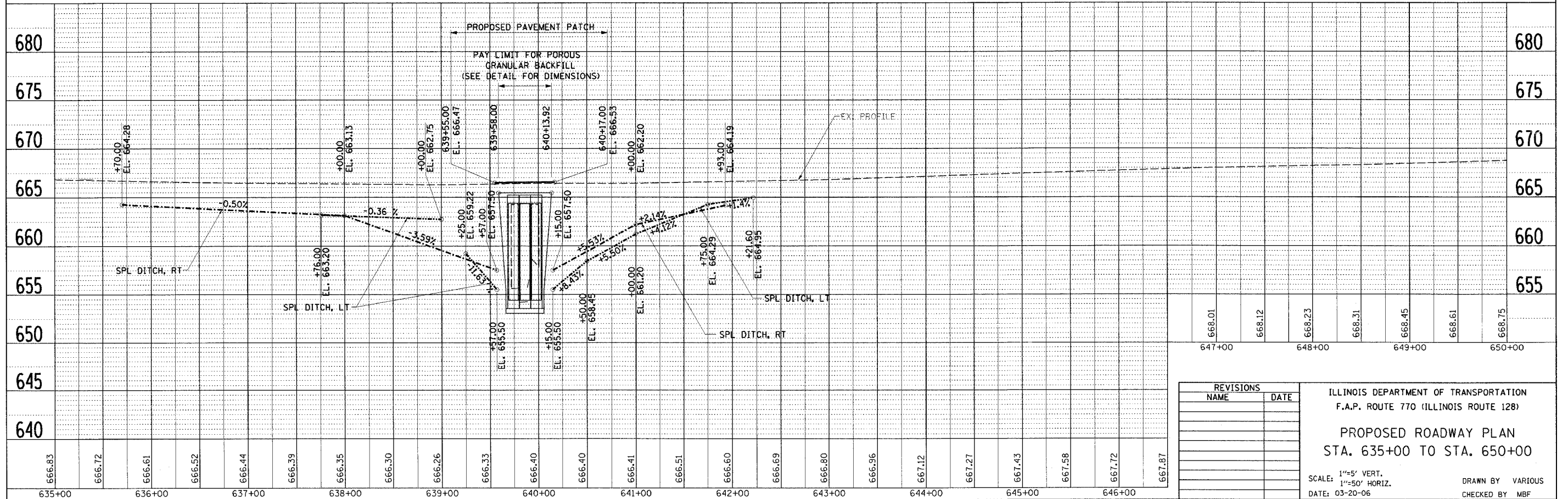
F.A.P. RTE. 770	SECTION (115,116)BR	COUNTY SHELBY & MOULTRIE	TOTAL SHEETS 77	SHEET NO. 13
STA. 635+00		TO STA. 650+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 74148				



DRAINAGE AREA = 4.77 SQ. MILES LOW GRADE ELEV. = 666.23 @ STA. 638+71.5

FLOOD YEAR	FREQ.	O C.F.S.	OPENING (sq.ft.)		NATURAL H.W.E.		HEAD (FT)		HEADWATER ELEV.	
			EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.	EXIST.	PROP.
DESIGN	50	1697.23	223.03	285.78	664.72	1.00	0.25	665.72	664.97	
BASE	100	1952.20	223.03	290.63	665.00	1.50	0.35	666.49	665.35	
OVERTOPPING	75	1849.08	223.03	-	664.89	1.45	-	666.34	-	
OVERTOPPING	200	2260.85	-	290.63	665.29	-	0.94	-	666.23	
MAX. CALC.	500	2562.08	223.03	290.63	665.54	1.47	0.98	667.02	666.52	

TEMPORARY DITCH CHECK



REVISIONS	
NAME	DATE

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

PROPOSED ROADWAY PLAN
STA. 635+00 TO STA. 650+00

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

DRAWN BY VARIOUS
CHECKED BY MBF

DATE	
BY	
DESIGNED	
GRADES CHECKED	
PLOTTED	
NOTE BOOK NO.	
STRUCTURE NOTATION QTRD	
FILE NAME	

DATE	
BY	
DESIGNED	
GRADES CHECKED	
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