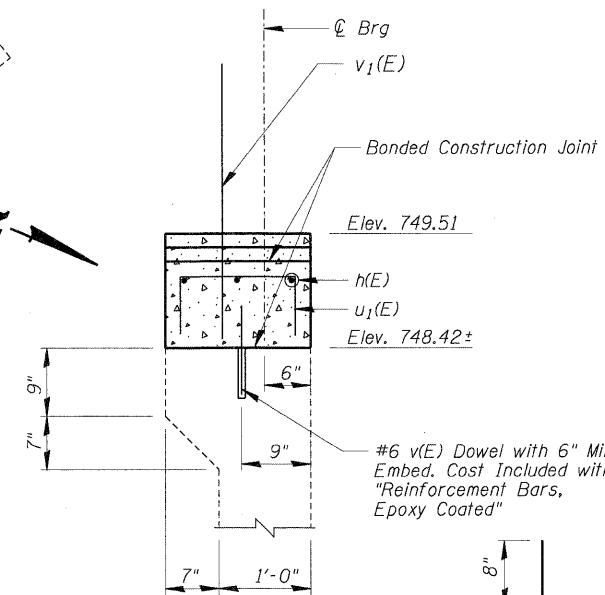


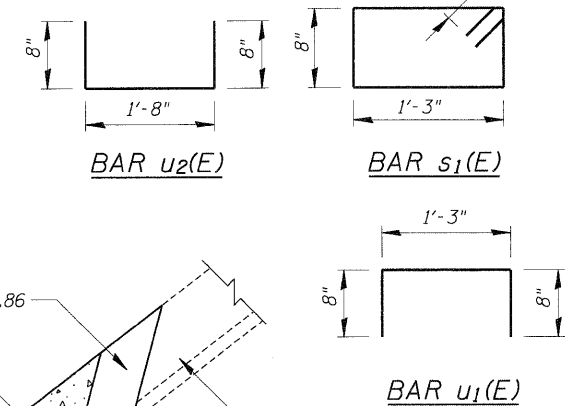
WEST ABUTMENT
BILL OF MATERIAL



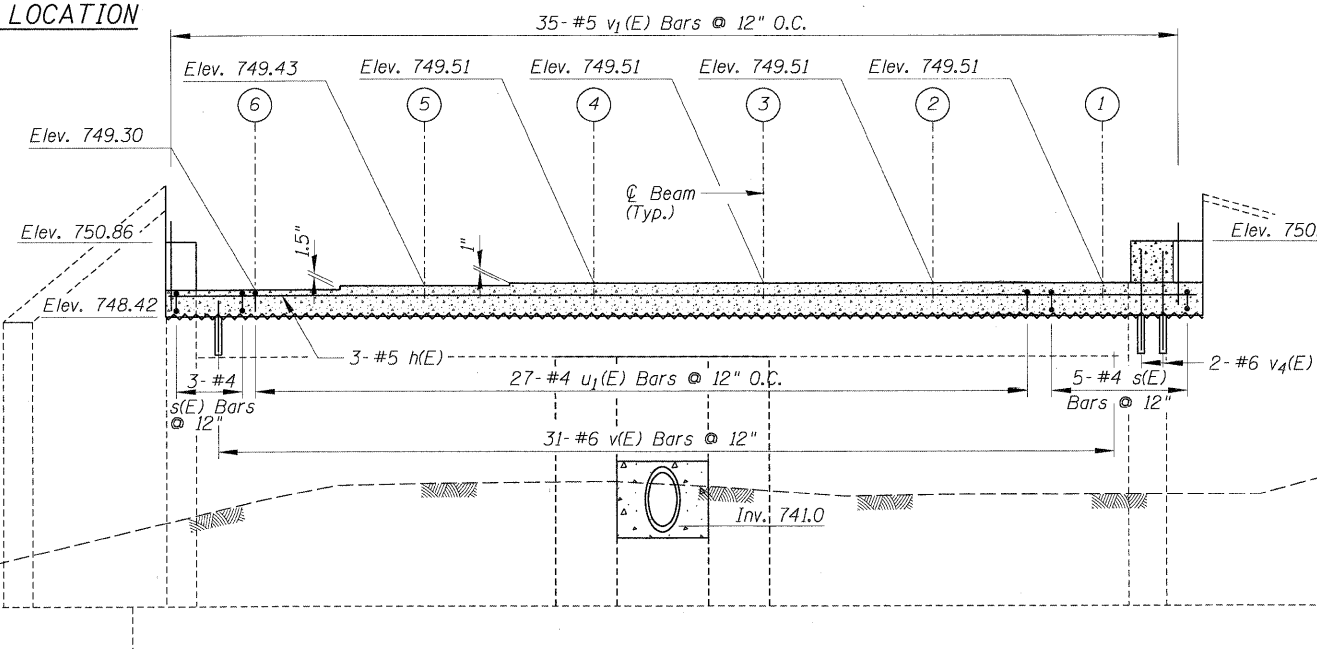
WEST ABUTMENT DETAIL

Bar	No.	Size	Length	Shape
$h(E)$	3	#5	34'-0"	
$h_1(E)$	40	#6	1'-3"	
$s_1(E)$	8	#4	4'-7"	
$u_1(E)$	27	#4	2'-7"	
$u_2(E)$	20	#4	3'-0"	
$v(E)$	31	#6	1'-3"	
$v_1(E)$	35	#5	3'-3"	
$v_4(E)$	2	#6	2'-0"	
$v_5(E)$	4	#5	8'-8"	
Concrete Structures			Cu. Yd.	3.7
Reinforcement Bars, Epoxy Coated			Pound	510
Concrete Removal			Cu. Yd.	1.5

For details of Bar Splicers, see sheet - of -.



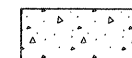
ANCHOR BOLT LOCATION



ELEVATION - PROPOSED WEST ABUTMENT

* See Sheet S-16 for Pipe Penetration Details

LEGEND:



New Concrete

SW CORNER

NW CORNER

NOTE:

1. Epoxy Grout #6 v(E) Bars In 6" (Min.) Drilled Holes According To Section 584 of the Standard Specifications.
2. The $s_1(E)$ and $u_1(E)$ bars shall be placed parallel to the beams. Spacing of these bars shall be at right angles to the beams.

PROPOSED WEST ABUTMENT
PLAN AND ELEVATION
EDGEWOOD DRIVE OVER
RATT CREEK
F.A.U. RTE. 4010
SECTION 09-00078-00-WR
MCHENRY COUNTY
STRUCTURE No. 056-3101
STA. 140+85.43

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

EXAMINED

PASSED

ENGINEER OF BRIDGE DESIGN

ENGINEER OF BRIDGES AND STRUCTURES

SHEET NO. S-15 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4010	09-00078-00-WR	McHENRY	128	73
				CONTRACT NO. 63655	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		