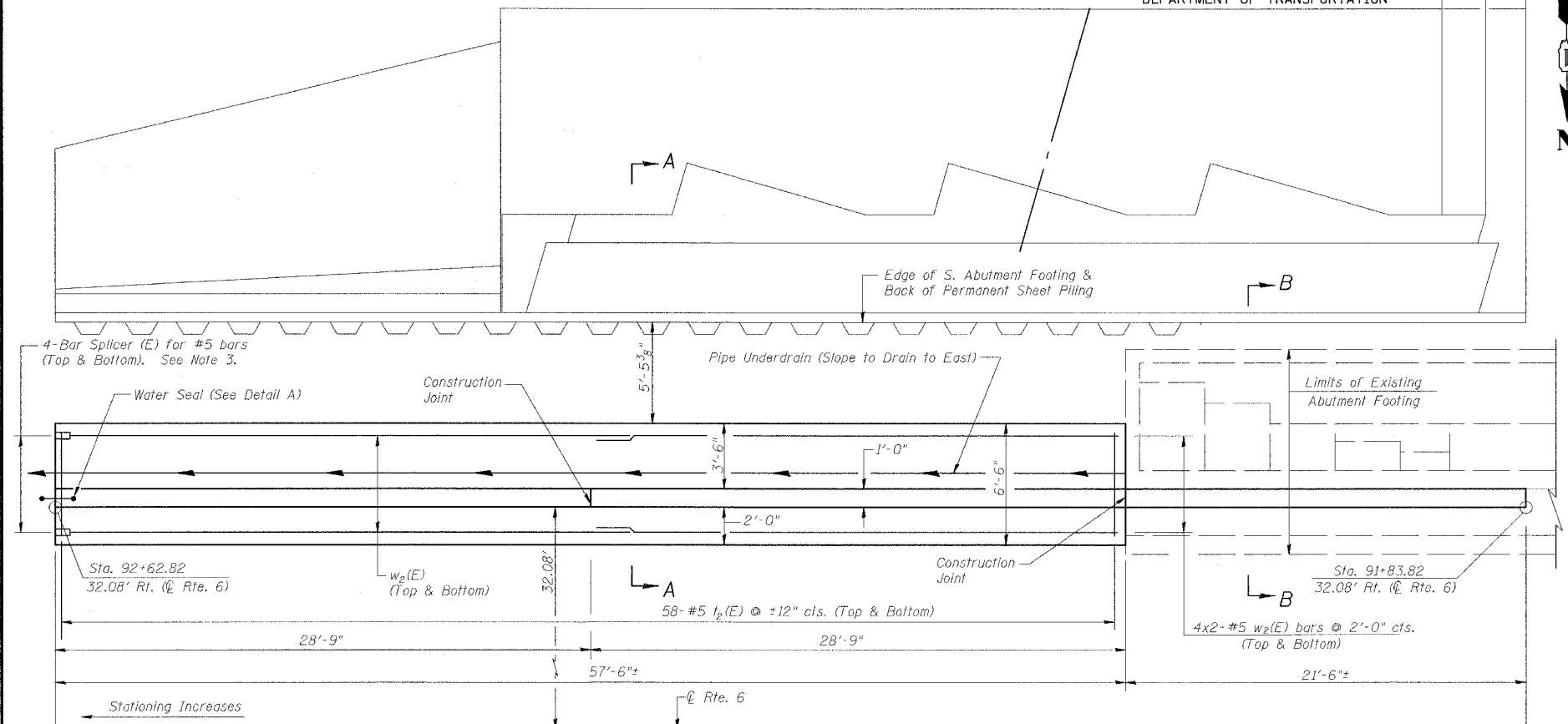
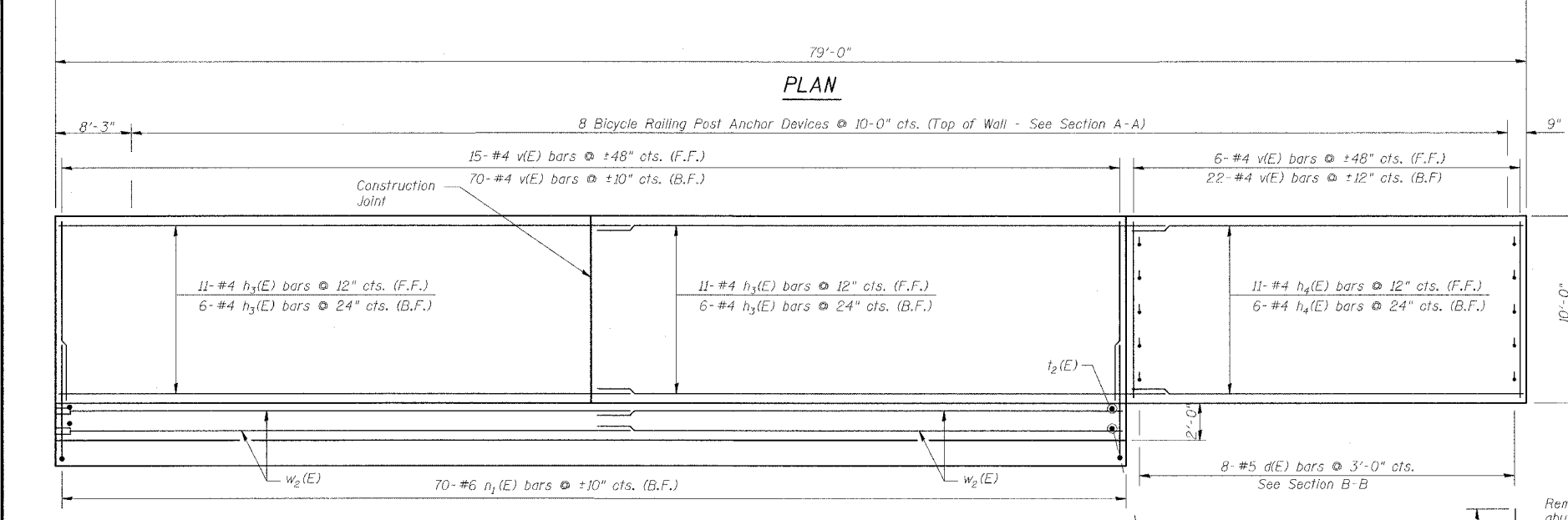


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	3277R	COOK	66	50
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT- Contract No. 62206		



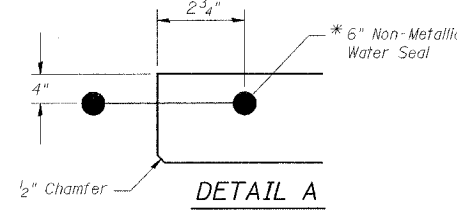
PLAN



ELEVATION

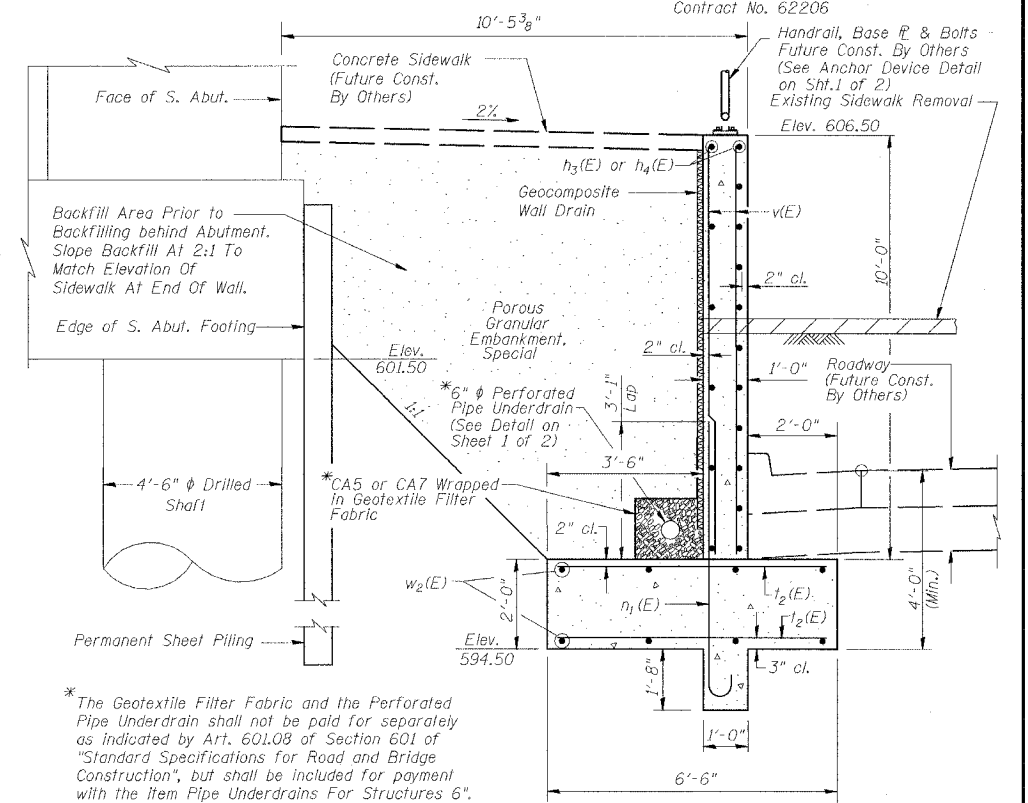
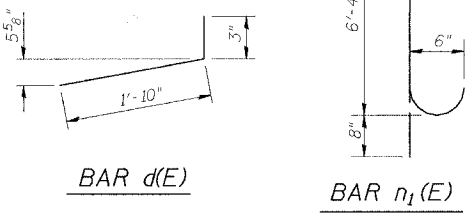
* Contractor to provide protective cover for Water Seal subject to the approval of the engineer.

- Notes:
1. Bars indicated thus 4x2-#5 etc., indicates 4 lines of bars with 2 lengths per line.
 2. Reinforcement bars designated (E) shall be epoxy coated.
 3. The unused half of the bar splicers shall be bundled together and clearly labeled with structure number, size and location within the structure (for example: SN 016-2754 #5 bar splicers for sidewalk retaining wall footing). They shall be given to I.D.O.T. for storage and use on future contracts. The open end of the casted bar shall be plugged with an insert subject to the approval of the engineer. Cost is included with Bar Splicers.



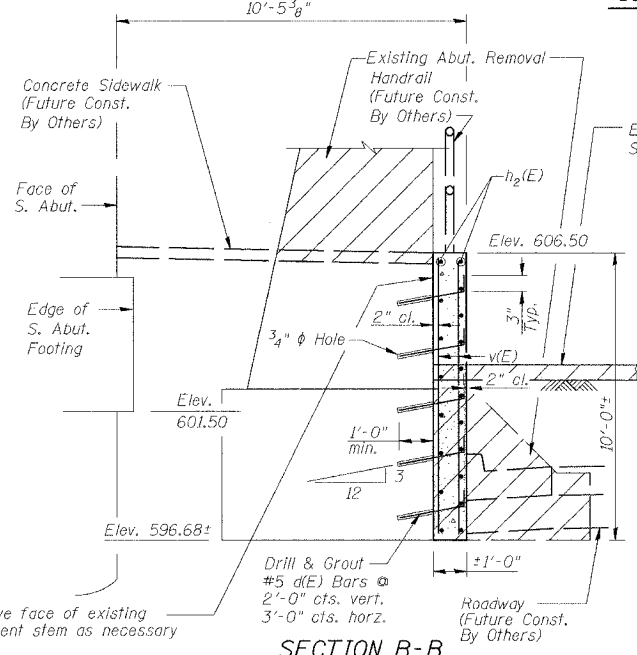
DETAIL A

Min. Bar Lap
#4 = 1'-4"
#5 = 1'-8"



SECTION A-A

* The Geotextile Filter Fabric and the Perforated Pipe Underdrain shall not be paid for separately as indicated by Art. 601.08 of Section 601 of "Standard Specifications for Road and Bridge Construction", but shall be included for payment with the item Pipe Underdrains For Structures 6".



SECTION B-B

BILL OF MATERIAL SOUTH SIDEWALK RETAINING WALL

Bar	No.	Size	Length	Shape	
d(E)	40	#5	2'-1"	┐	
h3(E)	34	#4	29'-11"	┐	
h4(E)	17	#4	21'-2"	┐	
n1(E)	70	#6	7'-0"	┐	
t2(E)	116	#5	6'-2"	┐	
v(E)	113	#4	9'-10"	┐	
w2(E)	16	#5	29'-5"	┐	
Porous Granular Embankment, Special				Cu. Yd.	150
Structure Excavation				Cu. Yd.	217
Concrete Structures				Cu. Yd.	60.5
Reinforcement Bars, Epoxy Coated				Pound	3730
Geocomposite Wall Drain				Sq. Yd.	57
Pipe Underdrains For Structures 6"				Foot	58
Bar Splicers				Each	8

SOUTH SIDEWALK RETAINING WALL

Date 3/27/06	Designed TDN	CN RAILROAD BRIDGE OVER U.S. 6 (159TH STREET) F.A.P. RTE. 351 SECTION 3277R COOK COUNTY STATION 92+24.25 STRUCTURE NO. 016-2754	Sheet No.
Revisions	Drawn BKN		2
	Checked DCS		of 2
	Approved KWB		
Prepared By: URS	3040 N. University Ave., Suite 1 Decatur, IL.		URS Job No. 36430825