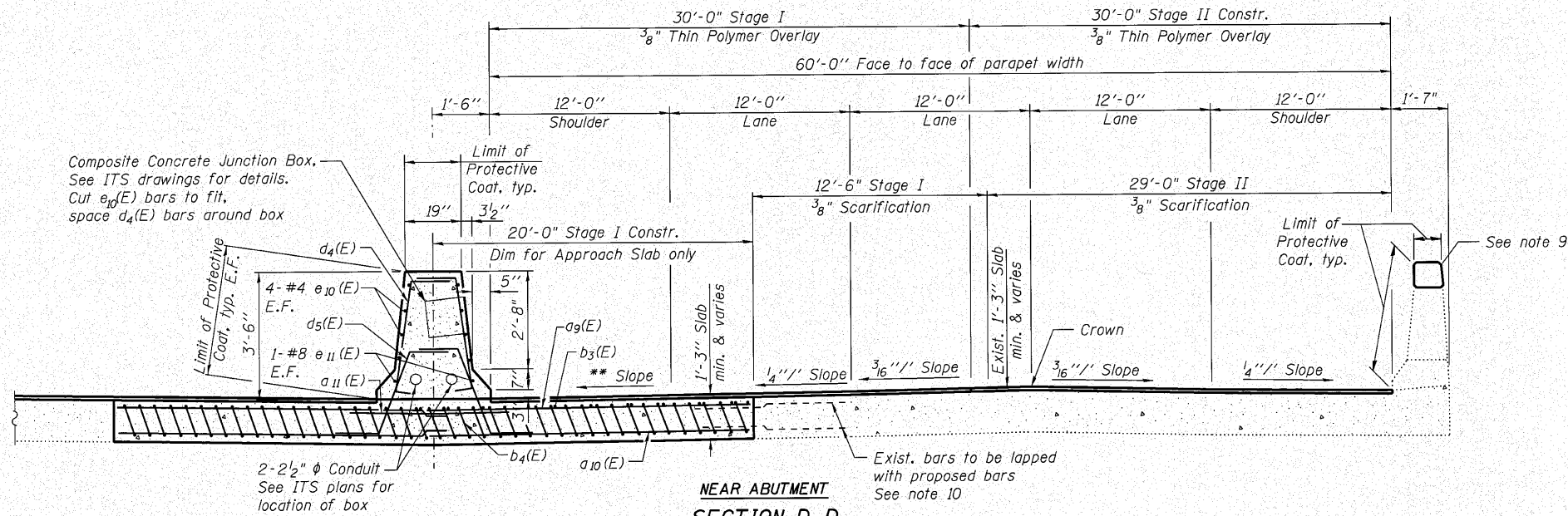


**SECTION C-C**

- Notes:
1. Work this sheet with sheet S-12.
  2. Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
  3. Approach footing concrete shall be paid for as Concrete Structures.
  4. Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
  5. For  $v_1(E)$  bar details, see sheet S-21.
  6. Approach footing maximum applied service bearing pressure ( $Q_{max}$ ) = 2.0 ksf.
  7. For bar splicer details, see sheets S-20 and S-26.
  8. Cost of excavation for approach footing included with Concrete Structures.
  9. For additional parapet details, see sheet S-11.
  10. Existing reinforcement shall be cleaned and incorporated into new construction. Cost included with concrete removal.
  11. For approach slab removal details see sheet S-21.
  12. Any reinforcement bars that are damaged during concrete removal operations shall be replaced using an approved bar splicer or anchorage system. Cost included with Concrete Removal.
  13. Bridge Deck Thin Polymer Overlay and Concrete Bridge Deck Scarification shown on approach slabs uses same special provisions as for the bridge deck.
- \* Tilt #9  $b_4(E)$  bars as required to maintain clearance.
- \*\* Cross slope varies, see roadway plan & profile sheets for details.
- \*\*\* Cost included with Concrete Superstructure.

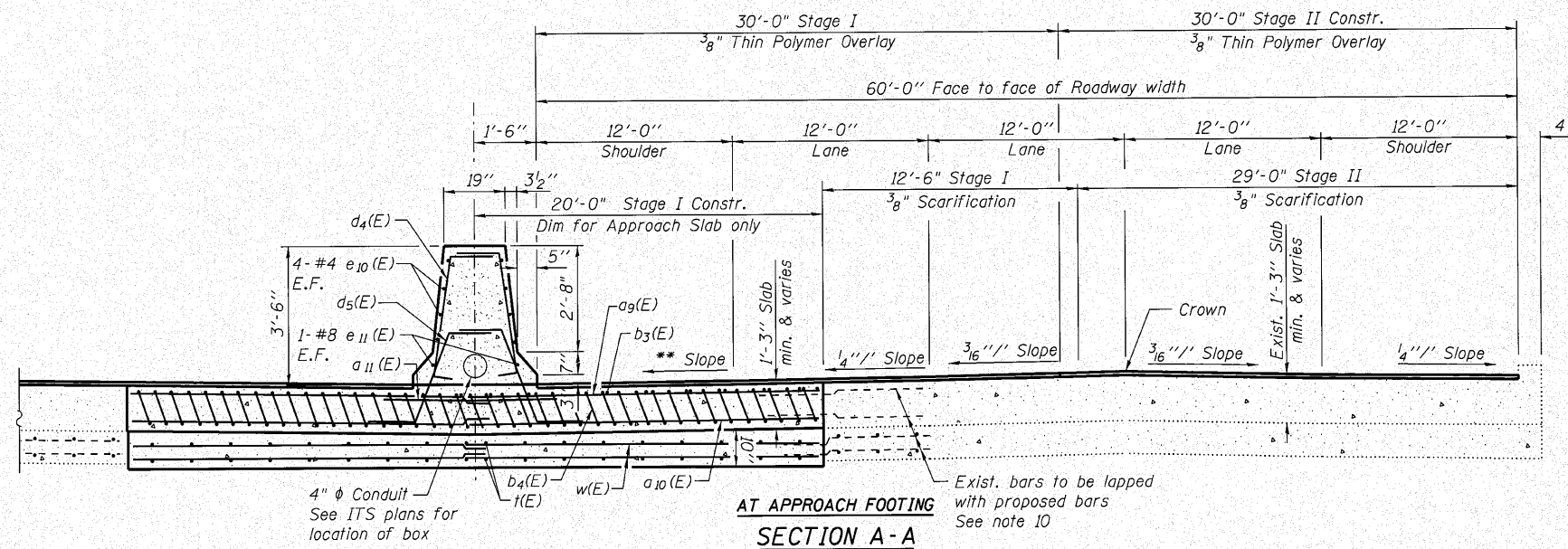


**NEAR ABUTMENT SECTION D-D**

(See Plan for dimensions not shown)  
All Dimensions @ Rt L to  $\phi$  F.A.I Rte. 80

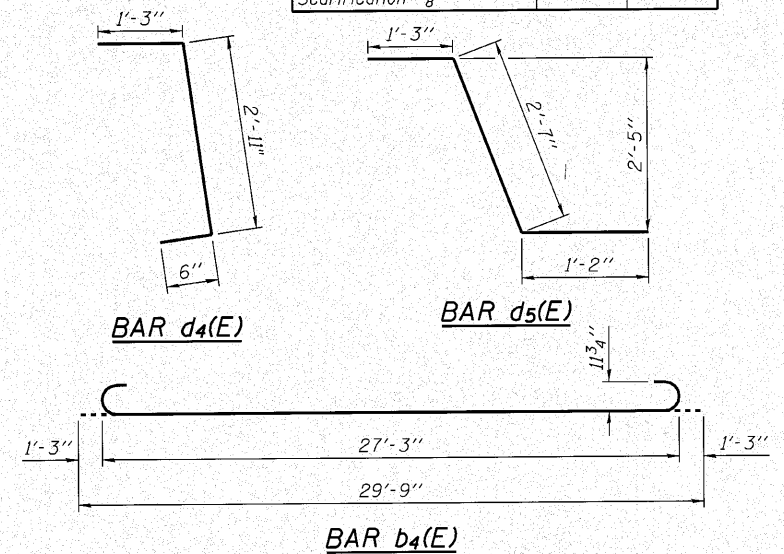
**TWO APPROACHES  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
$a_9(E)$	150	#4	21'-0"	—
$a_{10}(E)$	184	#5	30'-7"	—
$a_{11}(E)$	48	#6	6'-6"	—
$b_3(E)$	66	#4	29'-8"	—
$b_4(E)$	192	#9	29'-9"	—
$d_4(E)$	136	#5	4'-8"	—
$d_5(E)$	136	#5	5'-0"	—
$e_{10}(E)$	16	#4	29'-8"	—
$e_{11}(E)$	4	#8	29'-8"	—
$f(E)$	80	#4	14'-3"	—
$w(E)$	120	#5	20'-0"	—
$w_1(E)$	80	#5	28'-7"	—
Concrete Superstructure		Cu. Yd.	141.7	
Concrete Structures		Cu. Yd.	36.0	
Reinforcement Bars, Epoxy Coated		Pound	34,450	
Protective Coat		Sq. Yd.	67	
Bridge Deck Thin Polymer Overlay 3/8"		Sq. Yd.	800	
Concrete Bridge Deck Scarification 3/8"		Sq. Yd.	554	



**AT APPROACH FOOTING SECTION A-A**

(See Plan for dimensions not shown)  
All Dimensions @ Rt L to  $\phi$  F.A.I Rte. 80



c:\pco\3384\3\_east\design\structural\1-80 N&S 13 Approach Slab Details II.dgn

FILE NAME =  
**Clerba Group, Inc.**  
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USER NAME = rdonley	DESIGNED - BWS	REVISED -
PLOT SCALE =	CHECKED - EKM	REVISED -
PLOT DATE = 10/28/2010	DRAWN - RD	REVISED -
	CHECKED - SCD	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH SLAB DETAILS II  
STRUCTURE NO. 099-0070 (E.B.) & 099-0071 (W.B.)**

SHEET NO. S-13 OF S-27 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	9915&5-11 Y-1	WILL	309	201
CONTRACT NO. 60M59			ILLINOIS FED. AID PROJECT	