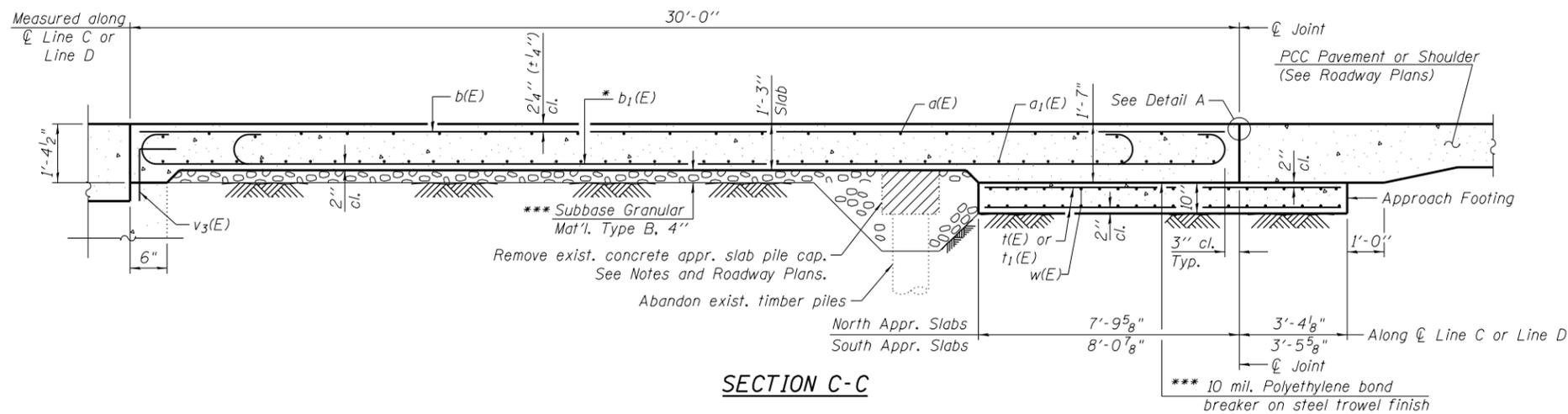


2:55:04 PM

3/29/2013

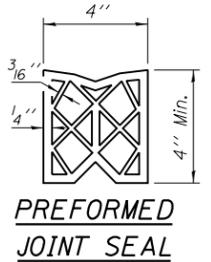
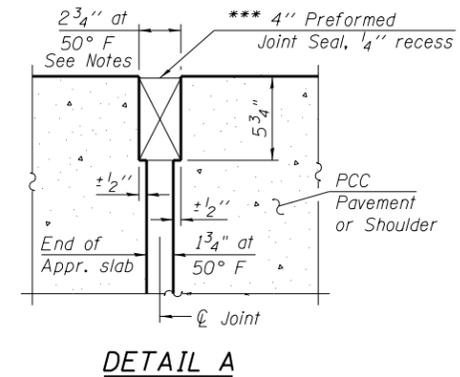
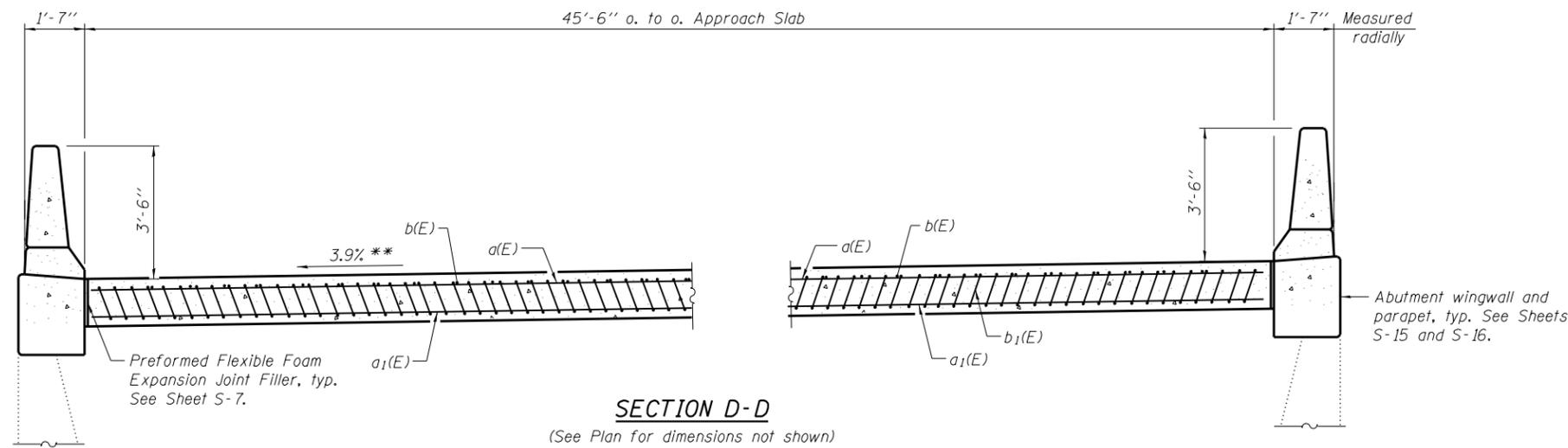
S:\1072_05_CADD\Structure\1\SN_0162441_2442\CADD_Sheets\0162441-2442-60J12-008-ASB2.dgn



Notes:

Approach slab concrete shall be paid for as Concrete Superstructure.
 Approach footing concrete shall be paid for as Concrete Structures.
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
 For $v_3(E)$ bar details, see Sheet S-5.
 The approach footing maximum applied service bearing pressure (Q_{max}) = 2.0 ksf.
 Cost of excavation for approach footing included with Concrete Structures.
 Cost of approach slab pile cap removal and associated excavation included with Approach Slab Removal.
 Backfill excavation for approach slab pile cap removal with Subbase Granular Material Type B. Cost included with Concrete Superstructure.

- * Tilt #9 $b_1(E)$ bars as required to maintain clearance
- ** Match existing.
- *** Cost included with Concrete Superstructure



FOUR APPROACH SLABS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	200	#4	27'-7"	—
$a_1(E)$	368	#5	27'-9"	—
b(E)	148	#4	29'-6"	—
$b_1(E)$	436	#9	29'-9"	—
t(E)	184	#4	10'-9"	—
$t_1(E)$	184	#4	11'-2"	—
w(E)	320	#5	27'-9"	—
Concrete Superstructure			Cu. Yd.	262.4
Concrete Structures			Cu. Yd.	63.8
Reinforcement Bars, Epoxy Coated			Pound	73,220
Protective Coat			Sq. Yd.	608
Bridge Deck Grooving			Sq. Yd.	580

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbadainc.com



USER NAME =
DESIGNED - JGC
CHECKED - BAK
PLOT SCALE =
DRAWN - JGC
PLOT DATE = 03/29/2013
CHECKED - BAK

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS II
STRUCTURE NOS. 016-2441 & 016-2442

SHEET NO. S-8 OF S-31 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	564
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				