

See sheet 10 of 22 for Detail A and View B-B.

For v(E) bar details, see sheet 8 of 22.

For bar splicer details, see sheet 21 of 22.

For additional parapet details, see sheet 8 of 22.

7"
2½"
Rad.

1'-2"

1'-2"

1'-2"

Approach slab and parapet concrete shall be paid for as Concrete Superstructure.

The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.

Approach footing concrete shall be paid for as Concrete Structures.

Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.

Cost of excavation for approach footing included with Concrete Structures. For Granular Backfill For Structures and drainage treatment details, see

See Bridge Approach Detail sheet of Roadway Plans for joint detail at pavement

\* Tilt #9  $b_4(E)$  bars as required to maintain clearance.

BAR d(E)

\*\*\* Cost included with Concrete Superstructure.

Notes:

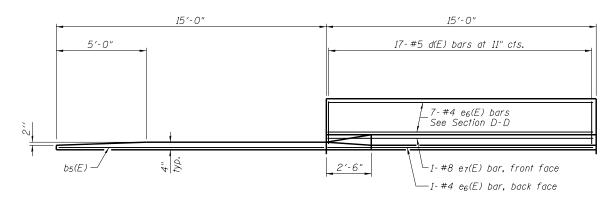
sheet 2 of 22.

connector.

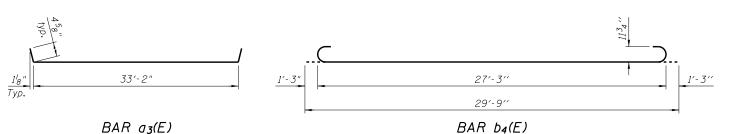
## TWO APPROACHES BILL OF MATERIAL

BAR d2(E)

Bar	No.	Size	Length	Shape
a <sub>2</sub> (E)	48	#6	6'-6"	Shapo
		#4	34'-0"	
a3(E)	50	#4		
04(E)	92	#5	33′-6"	
b3(E)	56	#4	29'-8''	
b4(E)	162	#9	29'-9''	c >
b5(E)	8	#4	14'-8''	
DSIL			17 0	
d(E)	68	#5	5′-7′′	1
d <sub>2</sub> (E)	68	#5	7′-11′′	Ĺ
e6(E)	32	#4	14'-8''	
e7(E)	4	#8	14'-8''	
†(E)	140	#4	9'-8''	
w(E)	80	#5	33′-6"	
Concrete Superstructure		Cu. Yd.	6.7	
Concrete Superstructure (Approach Slab)			Cu. Yd.	99.0
Concrete Structures			Cu. Yd.	20.9
Reinforcement Bars, Epoxy Coated			Pound	27520
Bridge Deck Grooving			Sq. Yd.	198
Protective Coat			Sq. Yd.	238



## VIEW E-E



BA - 0

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS
PLOT SCA
PLOT SCA
PLOT DATE
P

7 - 1 - 10

	USER NAME = Jacobsmr	DESIGNED - ACB	REVISED -		
	PLOT TIME = 4:00:09 PM	CHECKED - JMB	REVISED -		
	PLOT SCALE = 2.0000 ' / in.	DRAWN - RLK	REVISED -		
	PLOT DATE = 5/9/2019	CHECKED - JMB	REVISED -		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 048-0095

SHEET NO. 11 OF 24 SHEETS

(Sheet 2 of 2)

F.A.P. SECTION COUNTY TOTAL SHEETS NO.

22 48[(B-1)BR;CR] KNOX 94 39

CONTRACT NO. 68758