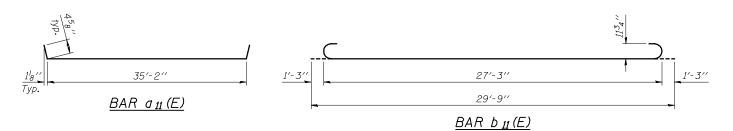


** Cut bars to fit at West Wing

VIEW E-E



Hutchison Engineering, Inc.

Jacksonville, Peoria, & Shorewood, Illinois

USER NAME = Jdeen DESIGNED - JOH REVISED
PLOT SCALE = NONE CHECKED - BAN REVISED
PLOT DATE = 7/25/2013 DRAWN - TAC REVISED
CHECKED - JOH/BAN REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH BRIDGE APPROACH SLAB DETAILS STRUCTURE NO. 062-0086 SHEET NO. 21 OF 62 SHEETS

Notes:

See sheet 20 of 62 for Detail A.

Approach slab and parapet 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(E) bar details, see sheet 37 & 38 of 62.

The approach footing maximum applied service bearing pressure (Qmax) = $2.0~\rm ksf$. For bar splicer details, see sheet $54~\rm of~62$.

Cost of excavation for approach footing included with Concrete Structures. For Granular Backfill for Structures and drainage treatment details, see sheet 3 of 62.

* Tilt #9 b_{11} (E) bars as required to maintain clearance.

*** Cost included with Concrete Superstructure.

NORTH APPROACH SLAB BILL OF MATERIAL

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Bar	No.	Size	Length	Shape
a 10 (E)	46	#5	35′-6"	
a 11 (E)	25	#4	36′-0"	
b 10(E)	28	#4	29'-8''	
b 11 (E)	82	#9	29′-9′′	
b 12(E)	2	#4	17'-4"	
t20(E)	72	#4	9'-8''	
w20(E)	40	#5	35′-6"	
Concrete Superstructure			CU YD	52.0
Concrete Structures			CU YD	11.0
Reinforcement Bars,			POUND	13,120
Epoxy Coated			, cond	13,120
	-		·	·