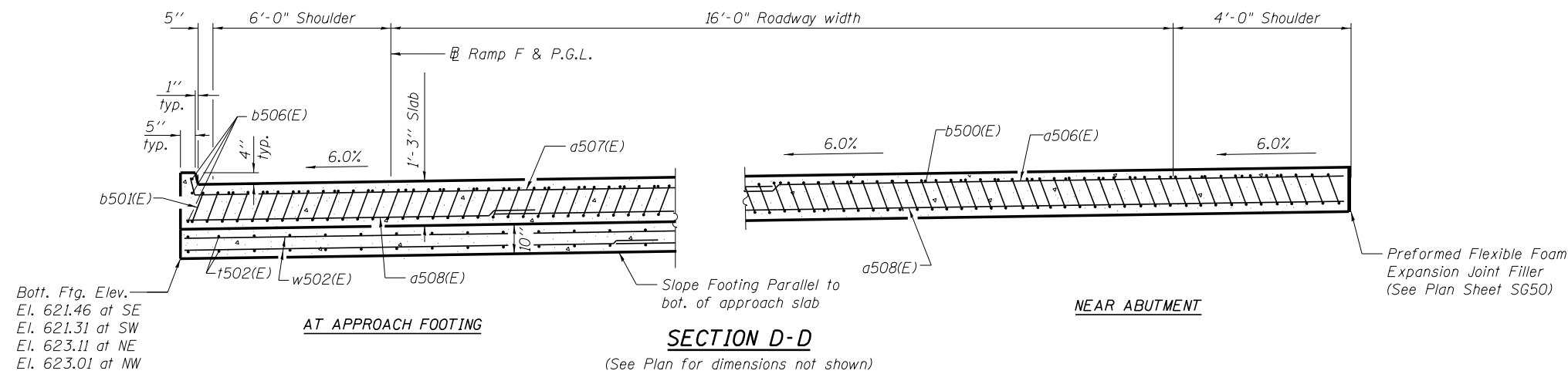
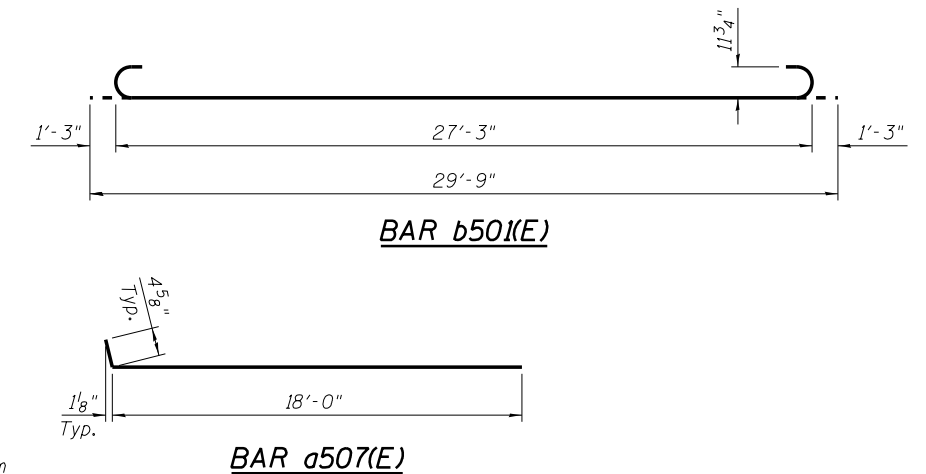


- NOTES:**
1. See sheet SG50 for Detail A.
 2. Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
 3. Approach footing concrete shall be paid for as Concrete Structures.
 4. Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
 5. For v500(E) bar details, see sheet SG83.
 6. The approach footing maximum applied service bearing pressure (Q_{max}) = 2.0 ksf.
 7. For bar splicer details, see sheet SG92.
 8. Cost of excavation for approach footing included with Concrete Structures.
 9. For Granular Backfill for Structures and drainage treatment details, see sheet SG83.
 10. For additional parapet details, see sheet SG79.

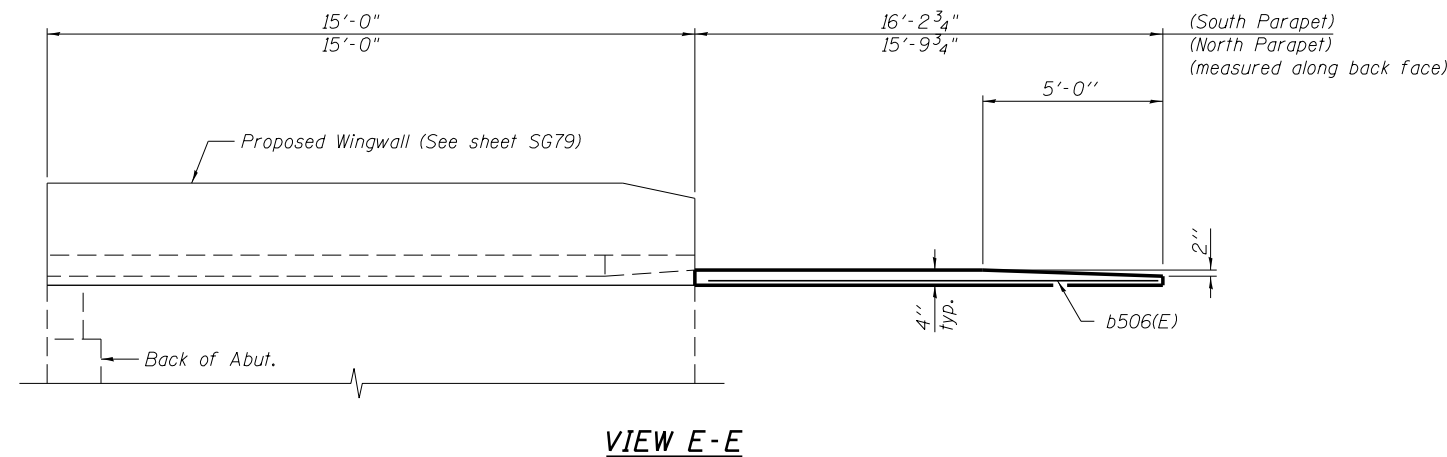
* Tilt #9 b501(E) bars as required to maintain clearance.
 *** Cost included with "Concrete Superstructure".



Bott. Ftg. Elev.
 El. 621.46 at SE
 El. 621.31 at SW
 El. 623.11 at NE
 El. 623.01 at NW

**ONE APPROACH
 BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a506(E)	24	#4	17'-3"	—
a507(E)	26	#4	18'-5"	—
a508(E)	92	#5	18'-5"	—
b500(E)	21	#4	29'-8"	—
b501(E)	61	#9	29'-9"	U
b506(E)	6	#4	15'-6"	—
t502(E)	58	#4	11'-8"	—
w502(E)	80	#5	18'-6"	—
Concrete Superstructure			Cu. Yd.	37.6
Concrete Structures			Cu. Yd.	10.5
Reinforcement Bars, Epoxy Coated			Pound	11,020



benesch
 engineers · scientists · planners

Alfred Benesch & Company
 205 North Michigan Avenue, Suite 2400
 Chicago, Illinois 60601
 312-565-0450 Job No. 10093

FILE NAME =	USER NAME = jsurber	DESIGNED - JOB	REVISED -
		CHECKED - GJK	REVISED -
		DRAWN - FSM	REVISED -
		CHECKED - JOB/DTS	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RAMP F BRIDGE APPROACH SLAB DETAILS
 STRUCTURE NO. 016-0486**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	2013-038B-R	COOK	821	641
CONTRACT NO.			60J16	
ILLINOIS FED. AID PROJECT				

SHEET NO. SG51 OF SG100 SHEETS

Y:\chicago\100005\100093\Eng_Docs\Phase_11\SN_016_0486_0487_1st_Ave_over_Canal\Final\Final_0486\0160486_60J16_051_RampFpprslabdet.dgn
 7:30:27 PM
 8/6/2014