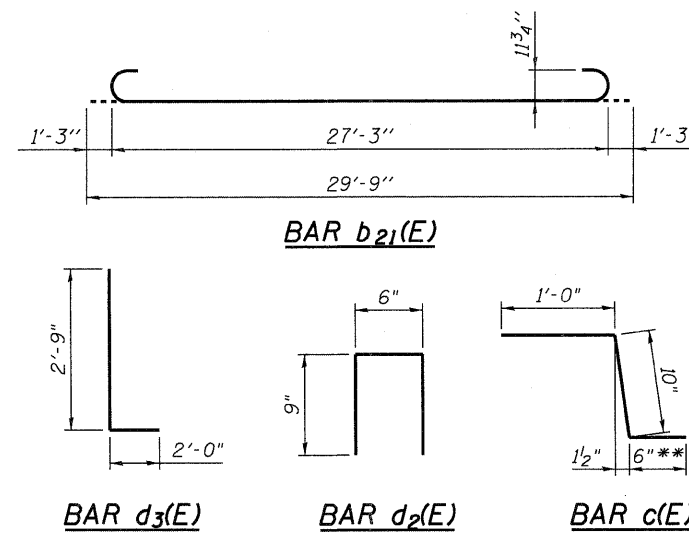
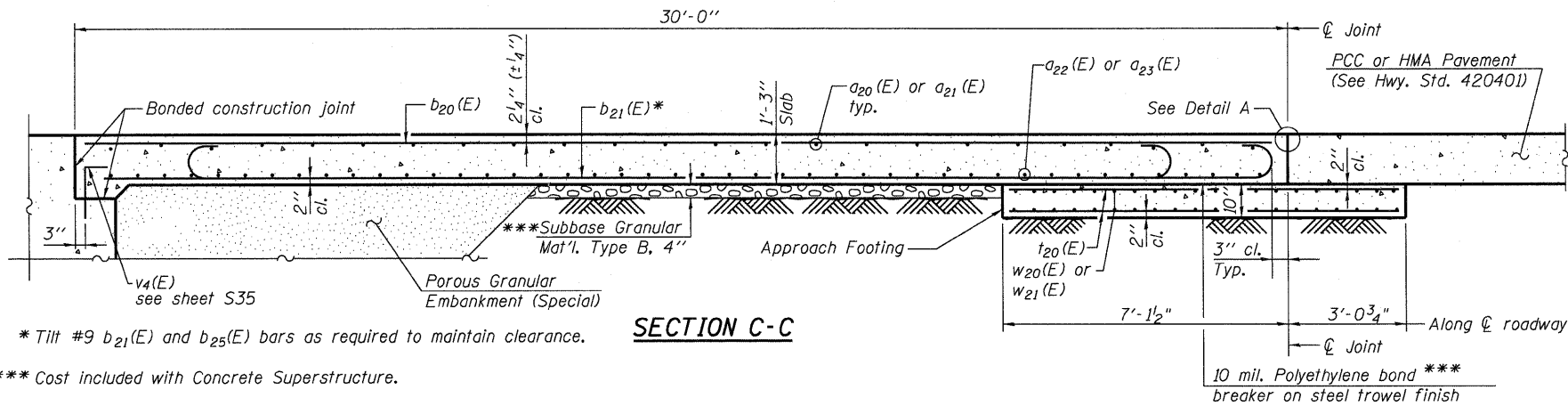
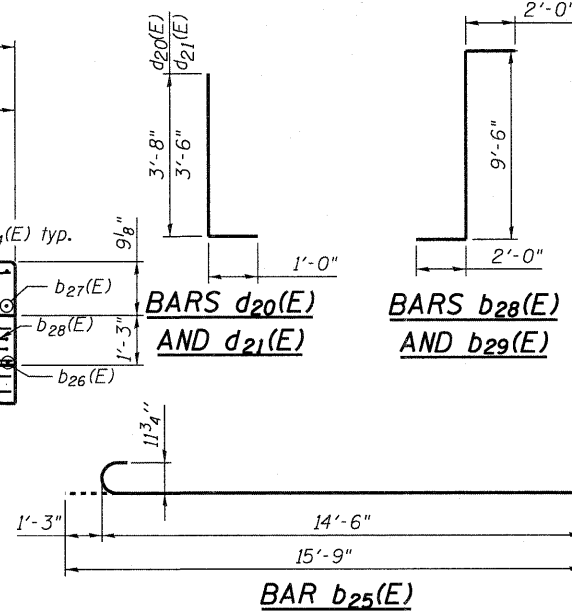
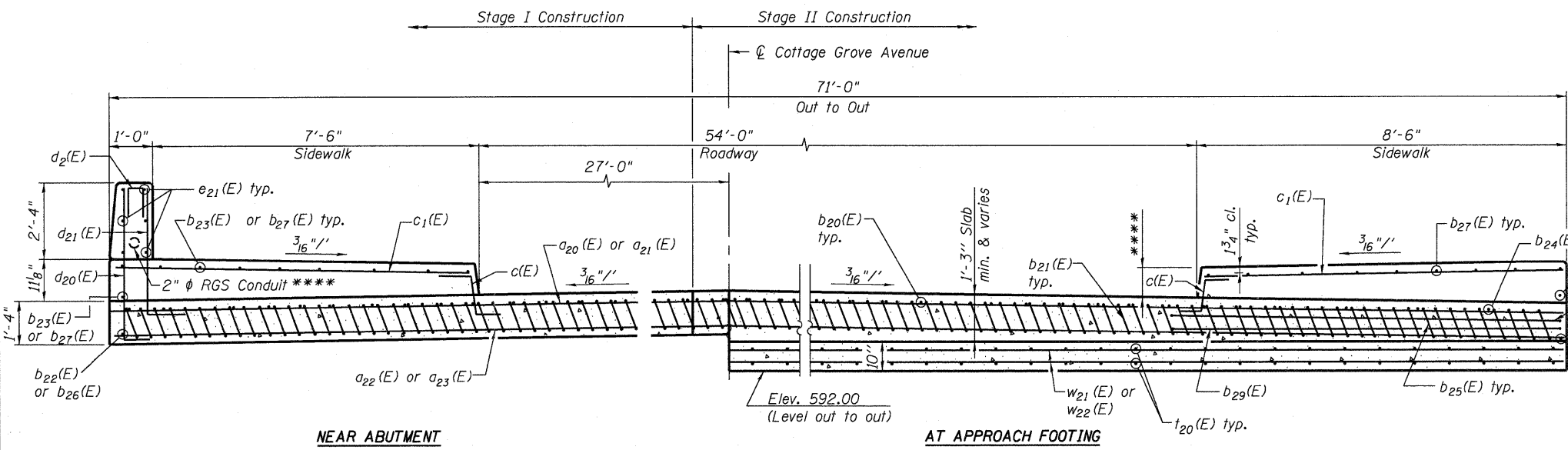


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**NORTH APPROACH
BILL OF MATERIAL**



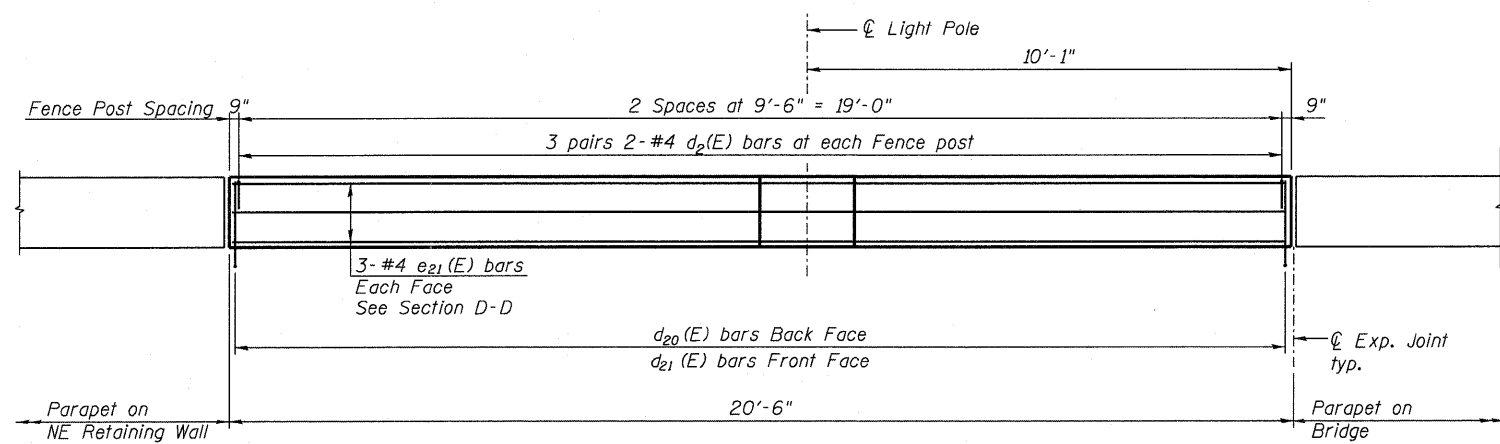
*** In lieu of bottom leg, c(E) bars may be cored and set according to Article 509.06 of Standard Specifications. Cored holes shall be roughened or scored per manufacturer's recommendations. Maximum depth of cored shall not exceed 6".



Bar	No.	Size	Length	Shape
a ₂₀ (E)	19	#4	34' - 2"	—
a ₂₁ (E)	25	#4	37' - 3"	—
a ₂₂ (E)	34	#5	34' - 2"	—
a ₂₃ (E)	46	#5	37' - 3"	—
a ₂₄ (E)	8	#5	2' - 10"	—
a ₂₅ (E)	13	#5	24' - 6"	—
a ₂₆ (E)	7	#4	24' - 6"	—
b ₂₀ (E)	52	#4	29' - 8"	—
b ₂₁ (E)	148	#9	29' - 9"	—
b ₂₂ (E)	1	#9	29' - 8"	—
b ₂₃ (E)	9	#5	29' - 8"	—
b ₂₄ (E)	9	#4	21' - 10"	—
b ₂₅ (E)	48	#9	15' - 9"	—
b ₂₆ (E)	1	#9	20' - 2"	—
b ₂₇ (E)	9	#5	21' - 10"	—
b ₂₈ (E)	1	#5	13' - 6"	—
b ₂₉ (E)	1	#9	13' - 6"	—
c(E)	54	#5	2' - 4"	—
c ₁ (E)	54	#5	8' - 3"	—
d ₂ (E)	6	#4	2' - 0"	—
d ₃ (E)	3	#6	4' - 9"	—
d ₄ (E)	5	#6	8' - 11"	—
d ₂₀ (E)	22	#4	4' - 8"	—
d ₂₁ (E)	22	#6	4' - 6"	—
e ₂₁ (E)	6	#4	20' - 2"	—
i ₂₀ (E)	126	#4	9' - 9"	—
w ₂₁ (E)	21	#5	37' - 3"	—
w ₂₂ (E)	21	#5	24' - 7"	—
Concrete Structures		Cu. Yd.	19.3	
Concrete Superstructure		Cu. Yd.	109.0	
Bridge Deck Grooving		Sq. Yd.	179	
Protective Coat		Sq. Yd.	236	
Reinforcement Bars, Epoxy Coated		Pound	27,120	
Bar Splicers (E)		Each	115	

**** Conduit shall have minimum 1/2" clearance from all reinforcement.

**** Varies from 8" at Bridge to 6" at End of Approach Slabs



- Notes:
- For Detail A, see sheet S19.
 - 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.
 - The approach footing maximum applied service bearing pressure (Q_{max}) = 2.0 ksf.
 - For Bar Splicer (E) details, see sheet S45.
 - Cost of excavation for approach footing included with Concrete Structures.
 - For Porous Granular Embankment (Special) and drainage treatment details, see sheet S35.
 - For Bridge Fence Railing, see sheet S25.

**NORTH APPROACH
SLAB DETAILS
STRUCTURE NO. 016-2119**

DESIGNED	EV
CHECKED	PC
DRAWN	JCP
CHECKED	JPO

 600 WEST FULTON STREET CHICAGO, ILLINOIS 60661-1259	SHEET NO. S18 S52 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		94	1314B-1	COOK	110	54
CONTRACT NO. 60F65					ILLINOIS FED. AID PROJECT	

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