

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Notes:
See sheets 19 or 20 of 40 for Detail A and View E-B.
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(E) bar details, see sheets 15 or 18 of 40.
The approach footing maximum applied service bearing pressure (Q_{max}) = 2.0 ksf.
For bar splicer details, see sheet 34 of 40.
Cost of excavation for approach footing included with Concrete Structures.
For Porous Granular Embankment (Special) and drainage treatment details, see sheet 2 of 40.

Approach Shoulder Widths at East Abutments (Measured Radially)

West Bound Lanes				East Bound Lanes			
Left Shoulder	Right Shoulder	Left Shoulder	Right Shoulder	Left Shoulder	Right Shoulder	Left Shoulder	Right Shoulder
Joint End	Abut End	Joint End	Abut End	Joint End	Abut End	Joint End	Abut End
10.46'	10.46'	8.27'	8.19'	6.49'	6.49'	12.23'	12.15'

Approach Shoulder Widths at West Abutments (Measured Radially)

West Bound Lanes				East Bound Lanes			
Left Shoulder	Right Shoulder	Left Shoulder	Right Shoulder	Left Shoulder	Right Shoulder	Left Shoulder	Right Shoulder
Joint End	Abut End	Joint End	Abut End	Joint End	Abut End	Joint End	Abut End
10.46'	10.46'	7.45'	7.55'	6.48'	6.49'	11.45'	11.55'

EAST ABUTMENTS W.B.L. & E.B.L.
TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a4(E)	50	#4	45'-3"	U
a5(E)	92	#5	44'-6"	U
b3(E)	206	#9	29'-9"	U
b4(E)	74	#4	29'-4"	U
t(E)	176	#4	9'-11"	U
w(E)	80	#5	44'-6"	U
Concrete Superstructure			Cu. Yd.	129.2
Concrete Structures			Cu. Yd.	27.7
Reinforcement Bars, Epoxy Coated			Pound	32950

WEST ABUTMENTS W.B.L. & E.B.L.
TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a4(E)	50	#4	45'-3"	U
a5(E)	92	#5	44'-6"	U
b3(E)	202	#9	29'-9"	U
b5(E)	74	#4	29'-10"	U
t(E)	176	#4	10'-1"	U
w(E)	80	#5	44'-6"	U
Concrete Superstructure			Cu. Yd.	129.2
Concrete Structures			Cu. Yd.	27.7
Reinforcement Bars, Epoxy Coated			Pound	32560

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NUMBERS 081-0026 (E.B.) & 081-0027 (W.B.)

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HANSON
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JOB NO.
05R1532A

DATE
05/21/10

SHEET NO. 21
40 SHEETS

F.A. RTE.
280

SECTION
81-1(B)-11R

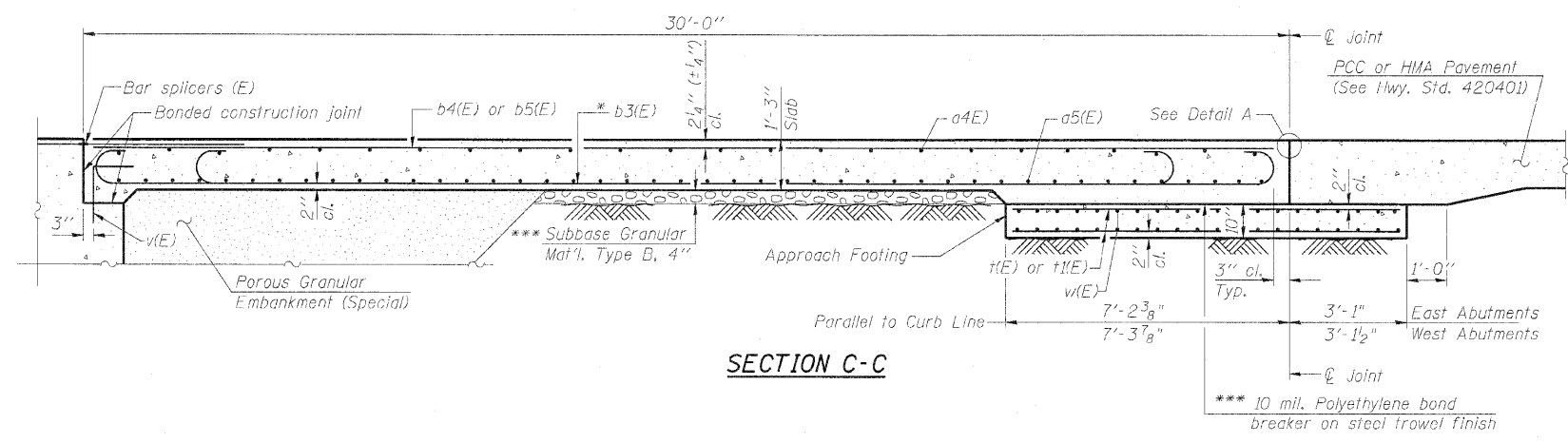
COUNTY
Rock Island

TOTAL SHEETS
503

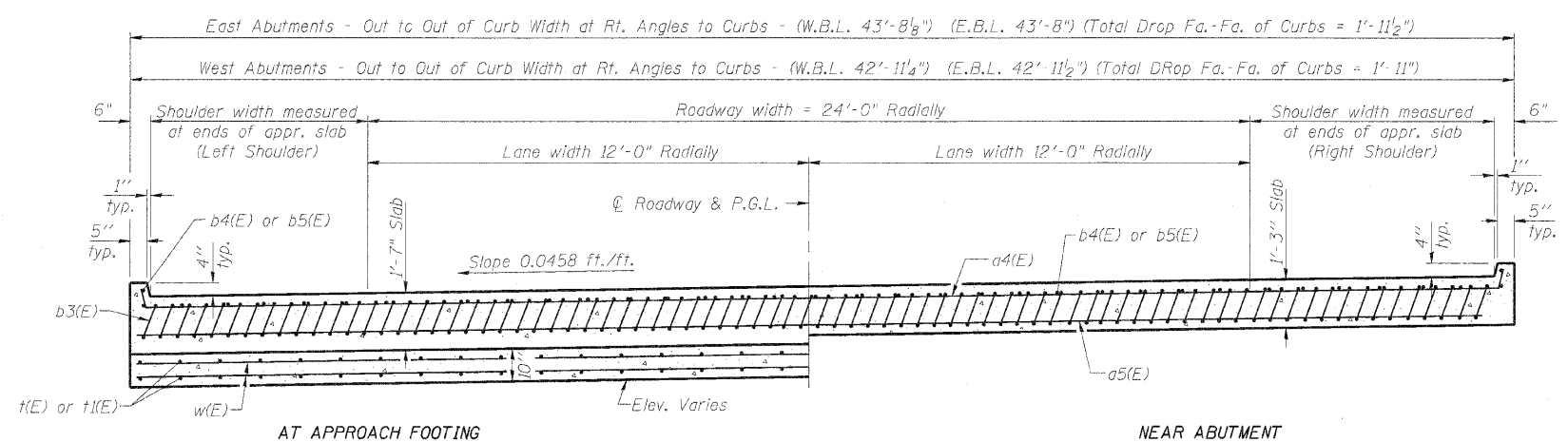
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434

CONTRACT NO. 64815

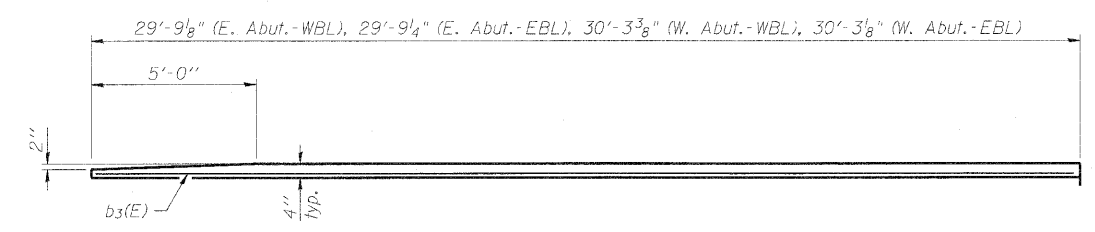
ILLINOIS FED. AID PROJECT



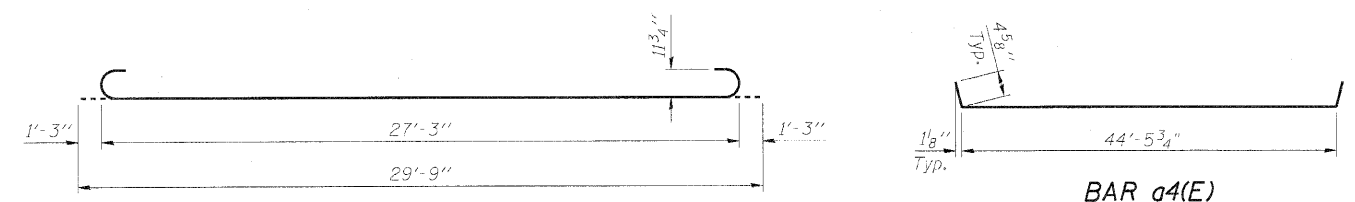
SECTION C-C



SECTION D-D
(See Plan for dimensions not shown)



VIEW E-E



BAR b3(E)

BAR a4(E)

07/21/10
5/21/10
5/21/10
5/21/10
LAYOUT
DRAWN
REVIEWED
MMZ/EF
6-615-100