



Notes:
Hatched areas indicate Concrete Removal.
Formwork necessary for the wearing surface may be secured utilizing the bottom rail anchorage inserts.

* Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	148	#4	22'-8"	⌒
b(E)	138	#4	26'-0"	—
U(E)	12	#5	22'-2"	—
a(E)	46	#5	3'-6"	⌒
HMA Surface Removal (Asbestos)			Sq. Yd.	366
Concrete Removal			Cu. Yd.	1.9
Concrete Structures			Cu. Yd.	2.6
Bar Splicers			Each	80
Reinforcement Bars, Epoxy Coated			Pound	5090
Concrete Wearing Surface, 5"			Sq. Yd.	366

Bars indicated thus 23 x 3-#4 etc. indicates 23 lines of bars with 3 lengths per line.

DESIGNED SMR	EXAMINED	DATE NOVEMBER 12, 2013
CHECKED TLC	<i>Timothy A. Anzani</i>	
DRAWN baliva	ACTING ENGINEER OF STRUCTURAL SERVICES	
CHECKED SMR TLC	<i>A. Carl Perry</i>	
	ACTING ENGINEER OF BRIDGES AND STRUCTURES	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REPAIR DETAILS
SN 081-0117

SHEET NO. 2 OF 5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
599	02 DECK REPAIR 2014-1	ROCK ISLAND	16	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64J90	