

Proposed Concrete

Wearing Surface

17" x 36"

CONTRACT NO. 64A85 COUNTY TOTAL SHEET SHEETS NO.

OGLE 14

TO STA.

Sheet 2 of 7

BAR	NO.	SIZE	LENGTH		SHAPE
A (E)	121	4	13′ -9"		
A, (E)	121	4	13' -11"		
A _e (E)	3	5	14' - 7"		
A3(E)	3	5	14' -11"		
A (E)	2	4	14' -7"		
A5(E)	2	4	14' -11"		
B (E)	145	4	24' -10'		
H (E)	6	6	14' -9"		
H,(E)	6	6	17' - 3"		
U (E)	29	5	3′ -8"		
CONC WEARING SURF 4" BR DECK GROOVING CONC SUPERSTRUCTURE CONC REM				SO YD SO YD CU YD CU YD	379 372 345 3.3 2.9
F & E STRUCT STEEL				POUND	418
REINF BARS, EPOXY CTD				POUND	5176
KEYWAY REPAIR				FT	960
DOWEL REPAIR				EA	90
BEARING PAD ADJUSTMENT				EA	78
BRIDGE JOINT SYSTEM (EXPANSION), 158"				FT	31
PROTECTIVE COAT				SQ YD	372
BAR SPLICERS				EA	130
FLOOR DRAIN EXTENSION				FA	12

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED. BARS INDICATED THUS 34X3-#4 BARS INDICATES 34 LINES OF BARS WITH 3 LENGTHS PER LINE.

> DECK PLAN & CROSS SECTION US 52 OVER ELKHORN CREEK FAS ROUTE 2079 (US 52) SECTION 16BR-M OGLE COUNTY STRUCTURE NUMBER 071-0070

Existing Drains to be

plugged with Concrete

Wearing surface

Proposed 6" \$ Floor Drain with Extension

FILL OPENINGS SURROUNDING FABRIC BEARING

PADS AT PIERS AND EAST ABUTMENT WITH EPOXY

GROUT. TO BE PAID FOR AS BEARING PAD ADJUSTMENT.

HALF CROSS SECTION

17" x 36"

Existing Bituminous Surface w/

Waterproofing Membrane to be

9 - Precast Prestressed Concrete Deck Beams (17" Depth) 31'-0'' =

4" Min at Midspan -2" Clearance

17" x 48"

THE CONTRACTOR SHALL INSTALL '8" X 9" X 9" STAINLESS STEEL SHIMS AT BEARING PADS. WHERE REQUIRED ON WEST ABUTMENT. TO BE PAID FOR AS BEARING PAD ADJUSTMENT.

KEYWAY REPAIR

l'-0"

[₹]17" x 36"

#4 A (E) Bars

#4 B (E) Bars

(SEE DETAIL A & SPECIAL PROV.)

NOTE: THE QUANTITY GIVEN FOR KEYWAY REPAIR INCLUDES THE FULL LENGTH OF ALL KEYWAYS. THE ACTUAL KEYWAY REPAIR LOCATIONS SHALL BE DETERMINED BY THE ENGINEER AFTER REMOVAL OF THE EXISTING WEARING SURFACE.

- GROUT

DETAIL "A"