Illinois Route 84 bridge over Plum River. Existing structure number is 008-0028. Remove and reconstruct three expansion joints One joint at each abutment and one at pler 3.

Bk No Abut

Sta 55+23.23

⊈ Pier 1

Sta 55+65



 $40' - 3" + 46' - 8^3_8" + 54' 5^7_8" + 54' 4'_4" + 47' 11'_2"$

€ Pier 4

Sta 57+22.03

€ Pier 5

Sta 57+76.67

— Along Tang 🛯 Sta 56+00

Bk So Abut Sta 58+79.69

-Local Tangent

• Sta 56+00

€ Pier 6

/ Sta 58+31.32



S.E. = 0.065 '/' P.C. STA= 51+05.65 P.T. STA= 61+93.31

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.

Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

CONCRET
CONCRETE
REINFORG
PREFORM
BAR SPLI
REM REIN

Range 3 E 4th PM
15 SN 008-0028
LOCATION SKETCH

						<u>STRUCTURE NUMBER 008-0028</u>
						* Various ** (106BR)M, (4B-2)M & 177-4B-3)M
FILE NAME =	USER NAME = linkdj	DESIGNED -	REVISED -			F.A. SECTION COUNTY TOTAL SHEET
0:\BR\CADD plans\Various Counties\Contra	plans/Various Counties/Contract *64D99 2008 expansion joints/0080028.dgn DRAWN	DRAWN -	REVISED	STATE OF ILLINOIS	General Plan & Elevation	• • Various 26 10
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		ILLINOIS CONTRACT NO. 64D99
	PLOT DATE = Sat Mar 15 11:12:57 2008	DATE -	REVISED -		SCALE: None SHEET NO. 1 OF 7 SHEETS STA. TO	STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

Plan

355' -6" Bk to Bk Abuts

2

Ň

<u>¢</u> Pier 3

C Pier 2

€ Channel

Sta 56+00.00

41' -9" 70' -0"

General Notes

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.

Reinforcement bars designated (E) shall be epoxy coated.

Prior to pouring the new concrete deck, all heavy or loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in the pay item covering removal of the existing concrete.

Plan dimensions and details relative to existing plans are subject to routine variations. The Contactor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.

ITEM	UNIT	TOTAL
E SUPERSTRUCTURE	CU YD	18.0
E REMOVAL	CU YD	18.0
CEMENT BARS, EPOXY COATED	POUND	2550
ED JOINT STRIP SEAL	FOOT	<i>1</i> 35
ICERS	EACH	38
IT B TERM TI	EACH	4

TOTAL BILL OF MATERIAL

GENERAL PLAN & ELEVATION IL 84 OVER PLUM RIVER FA ROUTE 18 (IL 84) SECTION 106BR CARROLL COUNTY