

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 14
F.A.P. 782	115BR-2	Hardin	83	60	15 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #78026


NOTES


See Sheet 8 of 15 for Sections Thru Abutment views and additional reinforcement details for abutment Hatch-Block and Approach Footing.

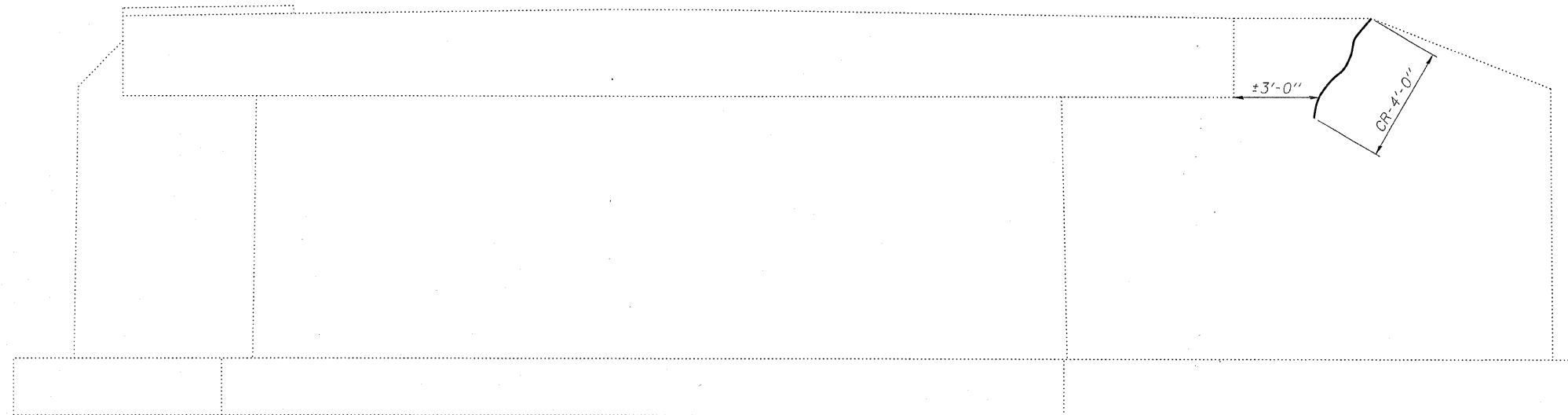
The existing abutment bearing seat is to be inspected by the Engineer after deck beam removal. Deteriorated concrete areas shall be repaired if deemed necessary using Structural Repair of Concrete (Depth equal to or less than 5"). Concrete Sealer shall be applied to Concrete Repair areas. Cost included in Concrete Repair item.

Abutment Structural Repair of Concrete areas and Crack Repair lengths are estimated from a 10/24/2007 inspection.

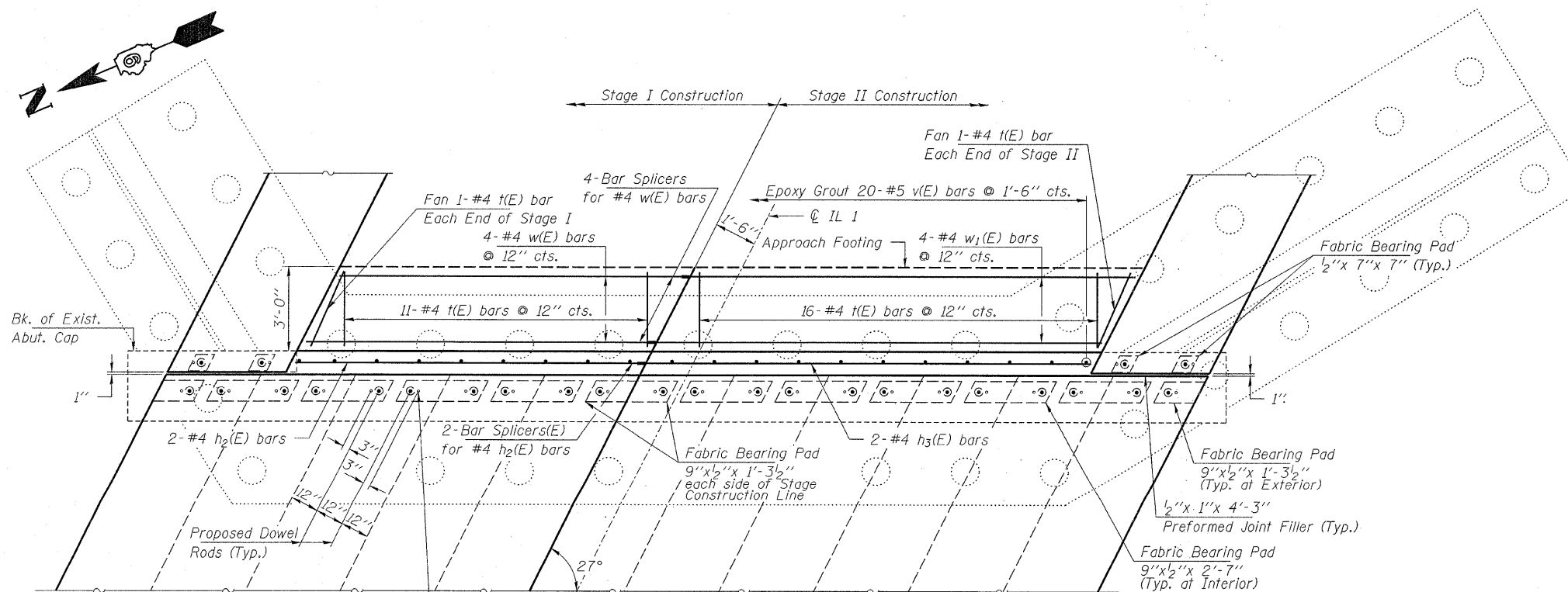
REPAIR LEGEND

 Requires Structural Repair of Concrete (Depth Equal to or less than 5")

 Requires Epoxy Crack Injection



ELEVATION
(Looking East)



PLAN

BILL OF MATERIAL - EAST ABUT.

BAR	NO.	SIZE	LENGTH	SHAPE
h ₂ (E)	2	#4	12'-6"	—
h ₃ (E)	2	#4	15'-10"	—
t(E)	31	#4	2'-9"	—
v(E)	20	#5	3'-4"	—
w(E)	4	#4	12'-6"	—
w ₁ (E)	4	#4	15'-10"	—
Reinforcement Bars, Epoxy Coated			Pound	240
Epoxy Crack Injection			Foot	4
Concrete Structures			Cu. Yd.	2.7

Existing dowel rods
Burn off flush with exist. brg. seat, grind smooth and seal with epoxy. Cost is included with Removal of Existing Superstructure (Typ.)

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
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SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-98-0016-1 DATE: 01/18/08
DESIGNED: M.D.C. CHECKED: P.S.L. DRAWN: D.T.M.

EAST ABUTMENT
IL. ROUTE 1 OVER BRANCH OF ROCK CREEK
F.A.P. ROUTE 782 / SECTION 115BR-2
HARDIN COUNTY
STATION 1015+72
STRUCTURE NO. 035-0003