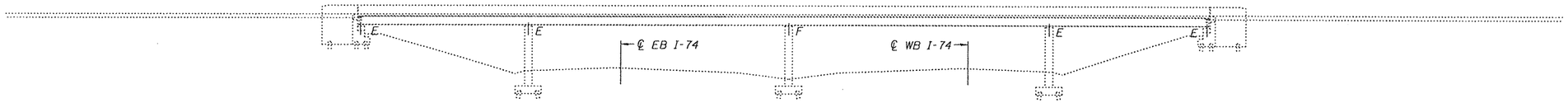
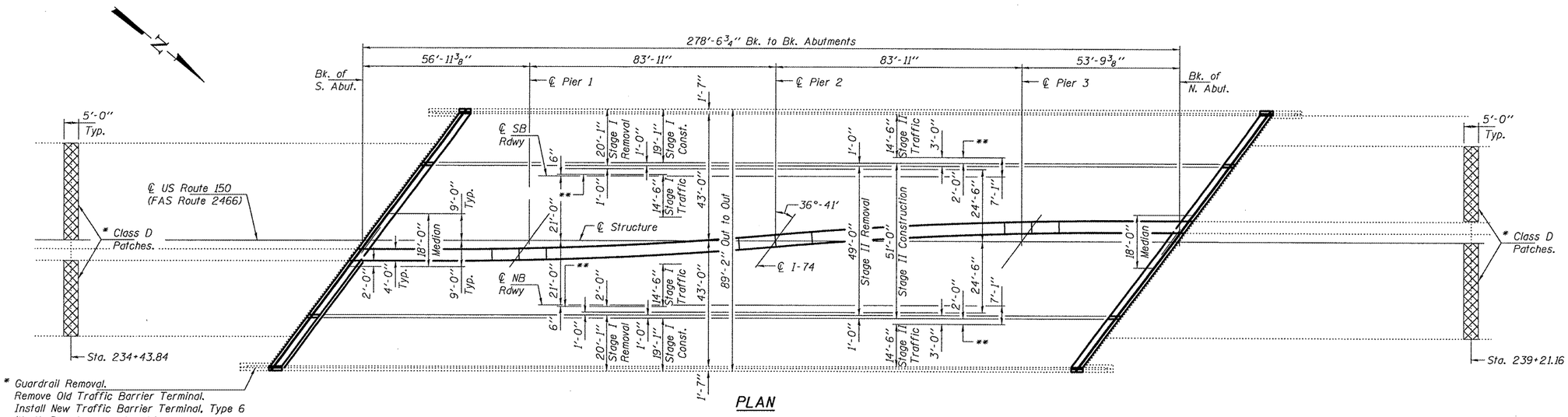
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION



PLAN

* Guardrail Removal.
Remove Old Traffic Barrier Terminal.
Install New Traffic Barrier Terminal, Type 6
(North Bound approach only)

** Face of Temp. Concrete Barrier.
See sheet 7 of 7.

* Removal for Class D Patches on the roadway shall be completed prior to deck end and hatch block removal at the bridge. See roadway plans for details & quantities.

PROPOSED IMPROVEMENTS:

1. Removal of Neoprene Expansion Joints and replacement with Preformed Joint Strip Seals at both abutments.
2. Remove and replace concrete median across structure; back to back hatch block.
3. Place HMA expansion patches at bridge approach pavement ends.

GENERAL NOTES

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

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor 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 at the unit price bid for the work.

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.

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.

The deck surface shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost included with Concrete Superstructures.

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

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	51.8
Concrete Superstructure	Cu. Yd.	51.8
Preformed Joint Strip Seal	Foot	220
Reinforcement Bars, Epoxy Coated	Pound	7430
Bar Splicers	Each	48

PLAN AND ELEVATION
US RTE 150 OVER I-74
SN 057-0073

SHEET NO. 1	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	2466	(57-18)BJR	Mc LEAN	17	11
			CONTRACT NO. 70807		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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SEPTEMBER 16, 2009
EXAMINED [signature] ENGINEER OF STRUCTURAL SERVICES
PASSED [signature] ENGINEER OF BRIDGES AND STRUCTURES

STATE OF ILLINOIS
RALPH E. ANDERSON
081-004625
SPRINGFIELD
LICENSED STRUCTURAL ENGINEER

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