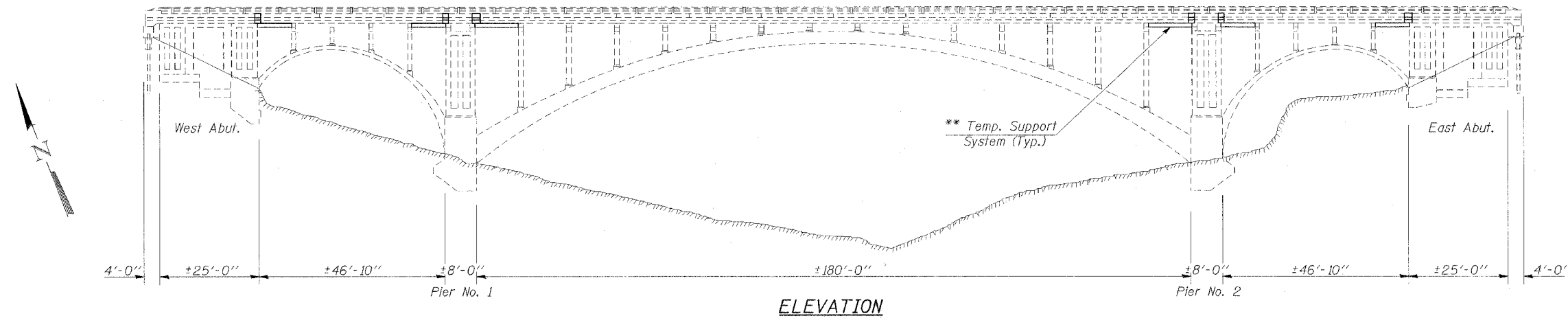


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. REC.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	*	POPE	16	5
STA. 709+74.60		TO STA. 714+62.27		
FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT

*- D-9 BSMART FY 07-1

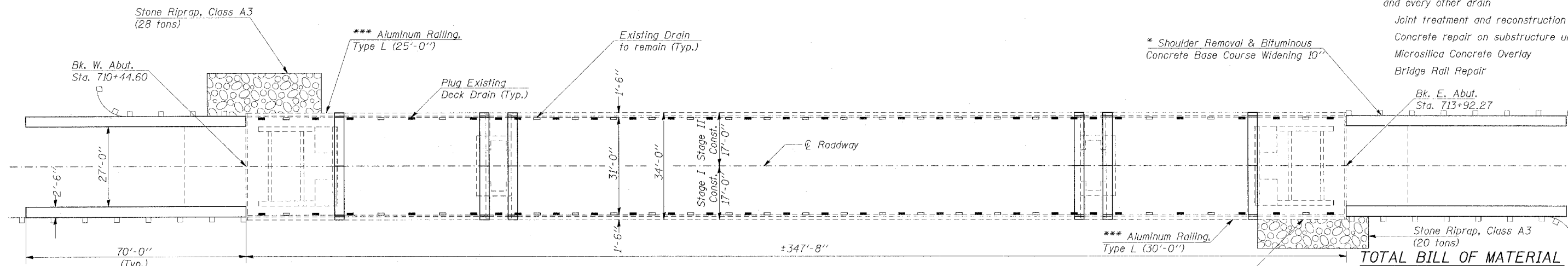


Sequence of Construction

1. Replace and widen Existing Shoulders
2. Install Temp. Support System (Stage I)
3. Remove Stage I Areas
4. Perform Stage I Repairs and Overlay
5. Install Temp. Support System (Stage II)
6. Remove Stage II Areas
7. Perform Stage II Repairs and Overlay

Scope of Work

- Replace and widen existing shoulders
- Remove existing bit. surface on deck
- Scarify existing deck
- Eliminate drains within 10' of abutments/piers and every other drain
- Joint treatment and reconstruction
- Concrete repair on substructure units
- Microsilica Concrete Overlay
- Bridge Rail Repair



GENERAL NOTES

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

* The Contractor will be allowed the option of placing P.C.C. Pavement in lieu of the Bituminous Concrete used in preparing shoulders for staged traffic. There will be no additional compensation if the P.C.C. Pavement is used. Shoulder work must be completed before the barrier wall is erected.

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.

** Prior to Concrete Removal in each stage, the contractor shall submit details to the Bureau of Bridges and Structures for approval on a temporary support system for the areas of Concrete Removal. The details shall be signed and stamped by an Illinois Structural Engineer. The temporary support system shall remain in place according to Article 503.05 of the Standard Spec. unless directed otherwise by the Engineer.

*** Remove and replace existing Aluminum Railing, Type L & Support Pedestals called out in the above plan view as directed by the Engineer, cost included in Aluminum Railing, Type L.

DESIGN STRESSES

NEW CONSTRUCTION
fc = 3500 psi
fy = 60,000 psi (reinforcement)

EXISTING STRUCTURE
fc = 1400 psi
fs = 20,000 psi (reinforcement)

ITEM	UNIT	QUANTITY
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	0.4
Aluminum Railing, Type L	Foot	80
Concrete Superstructure	Cu. Yd.	18.1
Bridge Deck Hydro-Scarification 1/2"	Sq. Yd.	1146
Plug Existing Deck Drains	Each	56
Polymer Modified Portland Cement Mortar	Sq. Ft.	8.5
Reinforcement Bars, Epoxy Coated	Pound	1900
Structural Repair of Concrete (< 5')	Sq. Ft.	226
Bar Splicers	Each	34
Bridge Deck Microsilica Concrete Overlay 3"	Sq. Yd.	1148
Silicone Joint Sealer, 1"	Foot	198
Bridge Deck Grooving	Sq. Yd.	1121
Polymer Concrete	Cu. Ft.	31.0
Concrete Removal	Cu. Yd.	15.3
Bituminous Concrete Removal (Deck)	Sq. Yd.	1194
Stone Riprap, Class A3	Tons	48
Temporary Support System	Each	12
Protective Coat	Sq. Yd.	1403

GENERAL PLAN AND ELEVATION
ILL 146 OVER HILLS BRANCH
POPE COUNTY
STA. 712+18.3
S.N. 076-0007