

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHEET 1 OF 6

P.A.E. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	*	**	189	137
STA.	TO STA.		FED. AID PROJECT	
	ILLINOIS		FED. AID PROJECT	
* XI-2,44(2,3,4)RS,BSMARTFY04-4				
** WILLIAMSON/JOHNSON				
CONTRACT NO. 98758				

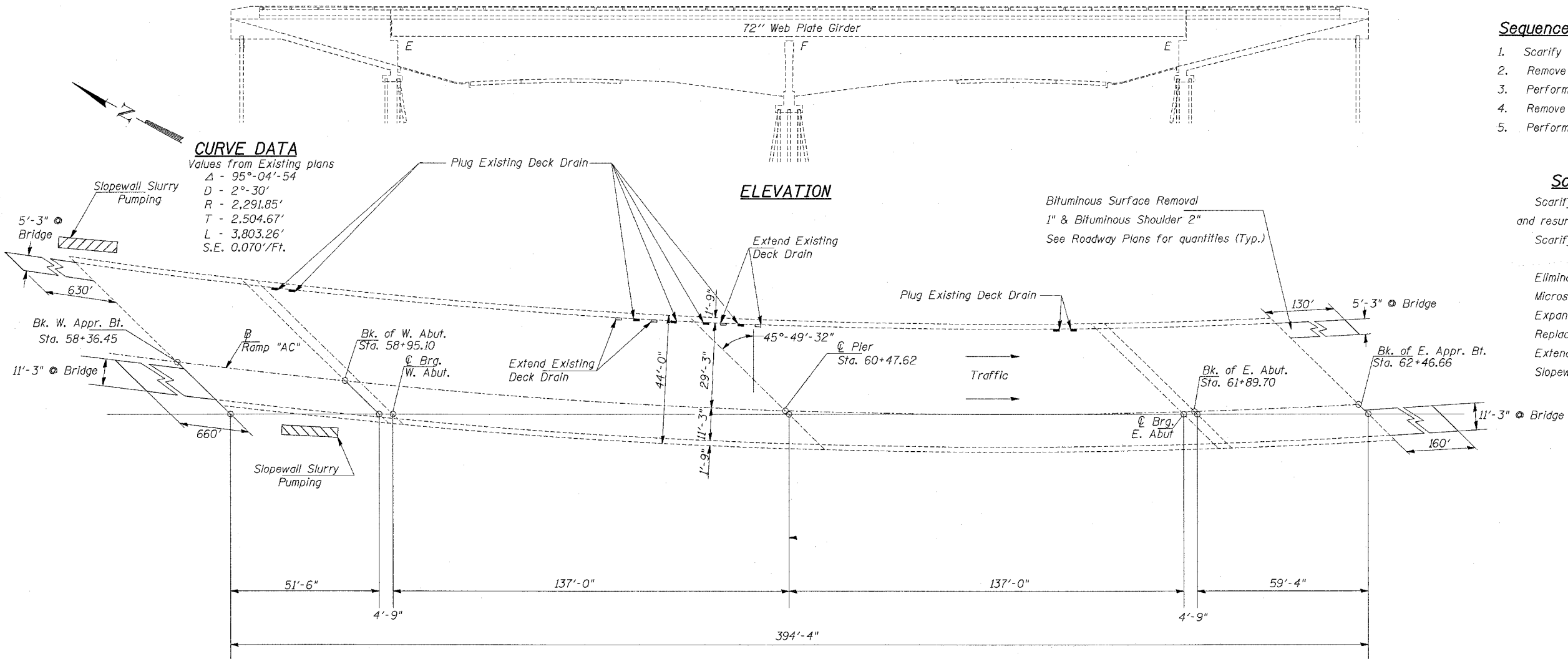
Sequence of Construction

1. Scarify and Resurface Existing Shoulders
2. Remove Stage I Areas
3. Perform Stage I Repairs and Overlay
4. Remove Stage II Areas
5. Perform Stage II Repairs and Overlay

Scope of Work

Scarify existing ±9" thick bituminous shoulders and resurface with bituminous shoulder  
Scarify existing bare deck

Eliminate drains within 10' of abutments and piers  
Microsilica Concrete Overlay  
Expansion Joint Treatment  
Replace bearings  
Extend Drains  
Slopewall Slurry Pumping



CURVE DATA

Values from Existing plans  
 $\Delta$  - 95°-04'-54"  
 D - 2°-30'  
 R - 2,291.85'  
 T - 2,504.67'  
 L - 3,803.26'  
 S.E. 0.070'/Ft.

ELEVATION

PLAN

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

Existing structural steel that will be in contact with new structural steel shall be cleaned and painted prior to erection as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures."

The inorganic zinc rich primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the Acrylic finish coat shall be Interstate Green, Munsell # 7.5G 4/8. See Special Provision for "Cleaning and Painting New Metal Structures".

All structural steel shall conform to AASHTO M270 Grade 36.

Fill undermined area under the existing slopewall as directed by the Engineer with Slopewall Slurry Pumping. Paid for as Slopewall Slurry Pumping. The quantity is estimated at 4.5 Cu. Yds.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Bridge Deck Hydro-Scarification 1/2"	Sq. Yd.	1855
Plug Existing Deck Drains	Each	8
Bridge Deck Microsilica Concrete Overlay 2 1/4"	Sq. Yd.	1855
Jack and Remove Existing Bearings	Each	12
Furnishing and Erecting Structural Steel	Pound	3820
Elastomeric Bearing Assembly, Type I	Each	12
Polymer Concrete	Cu. Ft.	11.9
Silicone Joint Sealer 2 1/2"	Foot	127
Bridge Deck Grooving	Sq. Yd.	1764
Floor Drain Extension	Each	4
Slopewall Slurry Pumping	Cu. Yd.	4.5

DESIGNED	T. Wayne Halstead
CHECKED	MAS
DRAWN	TWH Jeff Hines
CHECKED	TWH MAS

GENERAL PLAN AND ELEVATION  
 FAI 24 OVER FAI 57  
 WILLIAMSON COUNTY  
 STA. 61+23.54  
 S.N. 100-0060