

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. #	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
24	#	JOHNSON	150	141
STA.	TO STA.			
FED. ROAD DIST. NO.		ALTIMS	FED. AID PROJECT	

* BSMART FY04-3
98836

CURVE DATA

Values from Existing plans
 Δ - 34°-25'-13"
 D - 0°-50'-00"
 R - 6875.50'
 T - 2129.66'
 L - 4130.44'
 E - 322.27'
 S.E. - .023 Ft./Ft.
 P.I. - Sta. 491+61.52

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.
 Joint openings shall be adjusted according to Article 503.10(c) of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.

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

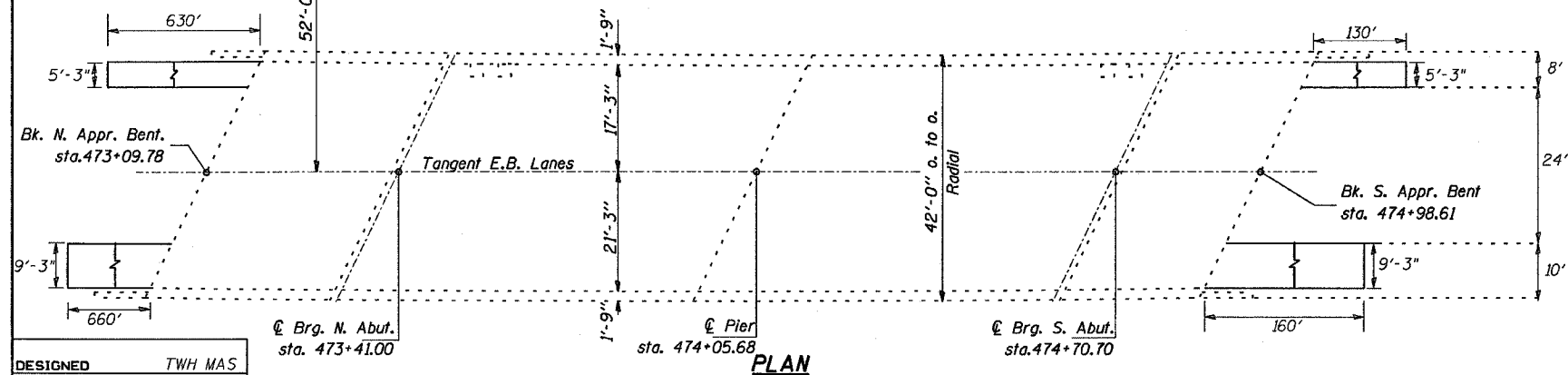
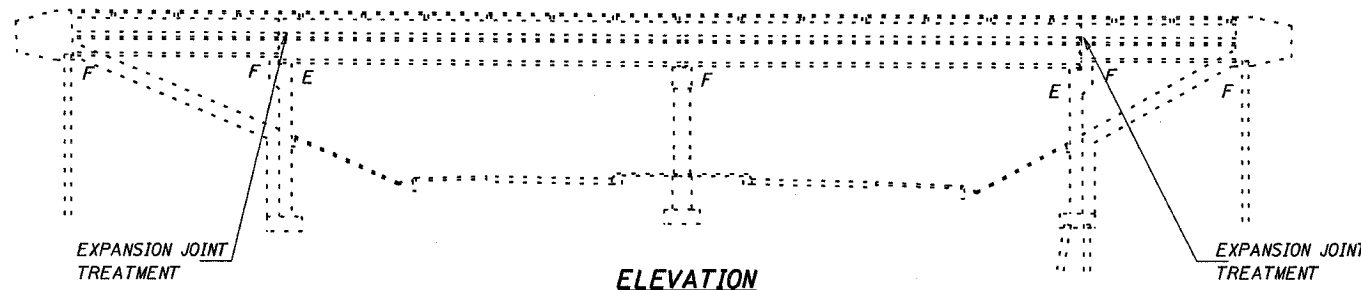
Scarify existing ±9" thick bituminous shoulders and resurface with bituminous shoulder
 Scarify existing bare deck
 Partial depth deck patching
 Eliminate drains within 10' of abutments
 Microsilica Concrete Overlay
 Expansion Joint Treatment

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL	0047	0048
Concrete Bridge Deck Scarification (1/2 inch)	Sq. Yd.	1663	810	853
Deck Slab Repair (Partial Depth)	Sq. Yd.	33	16	17
Plug Existing Deck Drains	Each	4	2	2
Bridge Deck Microsilica Concrete Overlay (2 1/4 inch)	Sq. Yd.	1663	810	853
Polymer Concrete	Cu. Ft.	17.2	8.6	8.6
Silicone Joint Sealer (1 1/2 inch)	Foot	186	93	93
Bridge Deck Grooving	Sq. Yd.	1577	768	809

GENERAL PLAN AND ELEVATION
FAI 24 OVER IL 146
JOHNSON COUNTY
STA. 474+35.52
S.N. 044-0047 (E.B.)
S.N. 044-0048 (W.B.)

BRIDGE REPAIRS FOR S.N. 044-0047 AND 044-0048



DESIGNED	TWH MAS
CHECKED	MAS
DRAWN	TWH TEB
CHECKED	TWH MAS