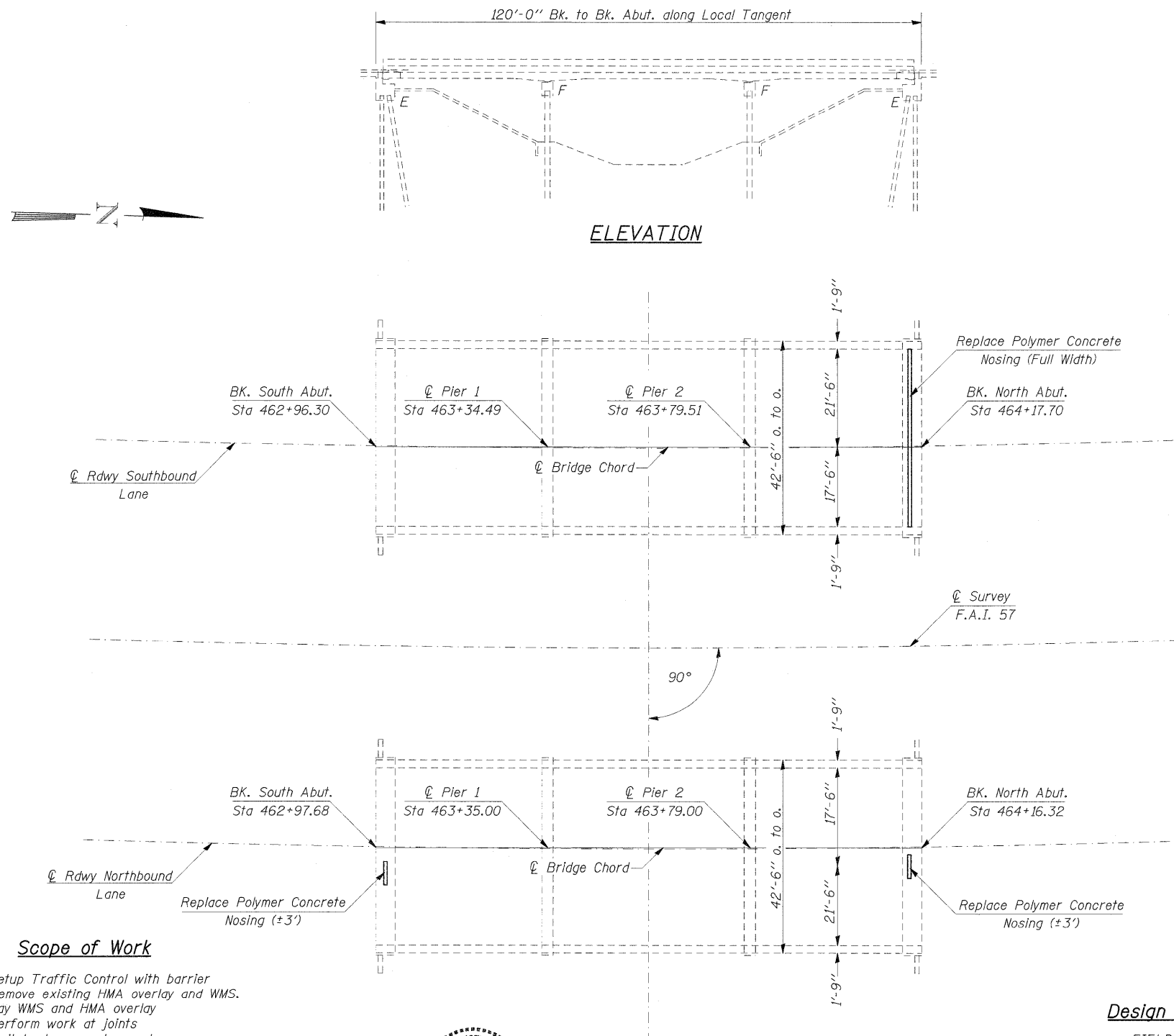


**GENERAL NOTES**

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.

The Contractor will need to remove any spalling concrete around the existing drain locations. Cost to be included with HMA Surface Removal (Deck).

Partial Depth Patching of the existing bridge deck shall be done per article 109.04 of the Standard Specifications.



**ELEVATION**



**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Polymerized HMA Surface Course, Mix "E", N105	Ton	79
Polymerized HMA Binder Course, IL-19, N105	Ton	232
Waterproofing Membrane System	Sq. Yd.	997
HMA Surface Removal (Deck)	Sq. Yd.	997
HMA Surface Removal, 1 1/4"	Sq. Yd.	214
Silicone Joint Sealer	Foot	164
Polymer Concrete	Cu. Ft.	3.6
Polymerized Leveling Binder (Machine Method), N105	Ton	32

**Scope of Work**

- Setup Traffic Control with barrier
- Remove existing HMA overlay and WMS.
- Lay WMS and HMA overlay
- Perform work at joints
- Switch stages and repeat



*David Carl Puzey* 5/4/11  
Expires 11/30/2012

**Design Stresses**

**FIELD UNITS** (Existing Construction)  
 $f_c = 1,400$  psi (super & sub.)  
 $f_s = 20,000$  psi Struct.(A-36)  
 $f_s = 20,000$  psi (reinforcement)  
 $V_c = 75$  psi (Ftgs.)  
 $n = 10$

**BRIDGE REPAIR  
 FAI RT 57 OVER  
 DODDS CREEK  
 JEFFERSON COUNTY  
 SECTION 41-2(BR-1)  
 STA. 463+57  
 SN 041-0003 (NB) SN 041-0004 (SB)**

FILE NAME =	USER NAME = halsteadtw	DESIGNED - TWH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL PLAN &amp; ELEVATION</b>	F.A.I. RTE. 57	SECTION 41-2(BR-1)	COUNTY JEFFERSON	TOTAL SHEETS 8	SHEET NO. 5	
ea:\p\work\p\uidot\halsteadtw\d0254486\041-02023_2024-sheet.dgn	PLOT SCALE = 15,0000 ' / IN.	DRAWN - TWH	REVISED -			SCALE:	SHEET NO. 1 OF 4 SHEETS	STA. TO STA.	CONTRACT NO. 78245		
	PLOT DATE = 2/25/2011	CHECKED - MAS	REVISED -			ILLINOIS FED. AID PROJECT					
		DATE - 10/15/09	REVISED -								