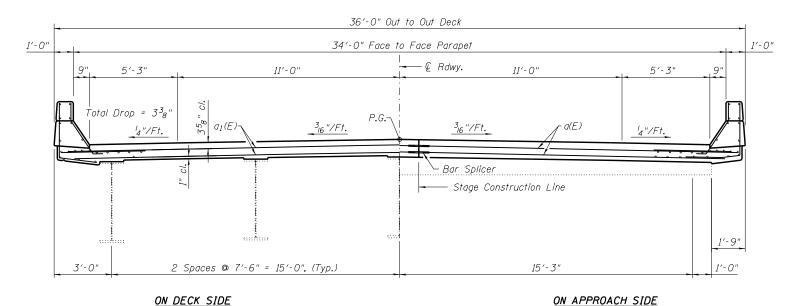
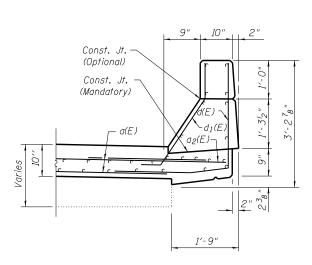


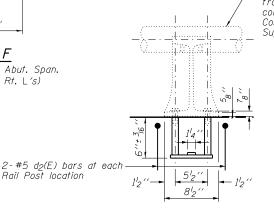
SECTION D-D (Showing Parapet at Superstructure. Horizontal dimensions at Rt. L's)

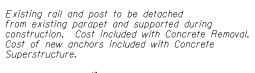






SECTION F-F (Showing Parapet at Vaulted Abut. Span. Horizontal dimensions at Rt. L's)





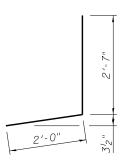
Existing 2 - 13 ₁₆ $^{\prime\prime}$ ϕ holes with 5° draft in base of post for 2 - 1 ₂ $^{\prime\prime}$ ϕ x 13 ₄ $^{\prime\prime}$ hex head machine bolts, standard flat washers (stainless steel)

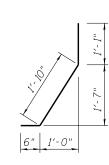
** Caulk perimeter of base (see notes) $2 - \frac{3}{4}$ " ϕ welded studs drilled - and tapped for $\frac{1}{2}$ " - 13 ASTM A108 (1020) 38" X 14" X 7"

- Existing 2 - 1^{\prime}_{6} $^{\prime\prime}$ ϕ holes with 5° draft in base of post for 2 - $^{3}_{4}$ $^{\prime\prime}\phi$ x $2^{\prime\prime}$ hex head machine bolts, standard flat washers (stainless steel) 's" Fabric Bearing Pad 2 - 1'' ϕ welded studs drilled and tapped for 34 '' - 10 ASTM A108 (1020) '2" X 1'2" X 7"

RAIL POST DETAIL

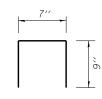
(Rail posts to be removed and re-erected at W. Abutment only. Two (2) new anchors required.)





BAR d(E)

BAR d1(E)



BAR d2(E)

BILL OF MATERIAL

(Two abutments)

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
Bar	No.	Size	Length	Shape		
a(E)	20	#5	16 ′- 11"			
a1(E)	20	#5	19'-0"			
a2(E)	12	#6	4'-0"			
d(E)	16	#4	4'-7"			
d1(E)	16	#5	3′-5"			
d2(E)	4	#5	2'-1''			
Concrete Removal			Cu. Yd.	5.4		
Concrete Superstructure			Cu. Yd.	5.4		
Reinforcement Bars, Epoxy Coated			Pound	1,330		
Bar Splicers			Each	20		
Protective Coat			Sq. Yd.	26.0		

NOTES:

Seat perimeter of base of post to parapet with two-component non-staining gray sealing compund with polysulfide liquid polymers, gun grade, with primer. Fabric bearing pad shall have same dimensions as base of post.

Existing reinforcement shall be cleaned and incorporated into the new construction, as noted. Cost included with Concrete Removal.

Any Reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included with Concrete Removal.

Removal of all existing expansion joints shall be included in the cost of Concrete Removal.

Work this sheet with sheet 3 of 8.

FILE NAME = Oak Crest Rd. over I-72.dgn	USER NAME =	DESIGNED - SAL	REVISED -	
		CHECKED - MTH	REVISED -	
	PLOT SCALE =	DRAWN - TJW	REVISED -	
	PLOT DATE =	CHECKED - MTH	REVISED -	

Rail Post location

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

DECK JOINT REPAIRS (2 OF 2) OAK CREST RD. (TR-171) OVER F.A.I.-72 - S.N. 084-0151 SHEET NO. 4 OF 8 SHEETS

SECTION COUNTY SANGAMON 194 143 • (84-10-1RS-3, 84-10-2RS-R)BR,I | CONTRACT NO. 72C90 FED. ROAD DIST, NO. 6 ILLINOIS FED. AID PROJECT