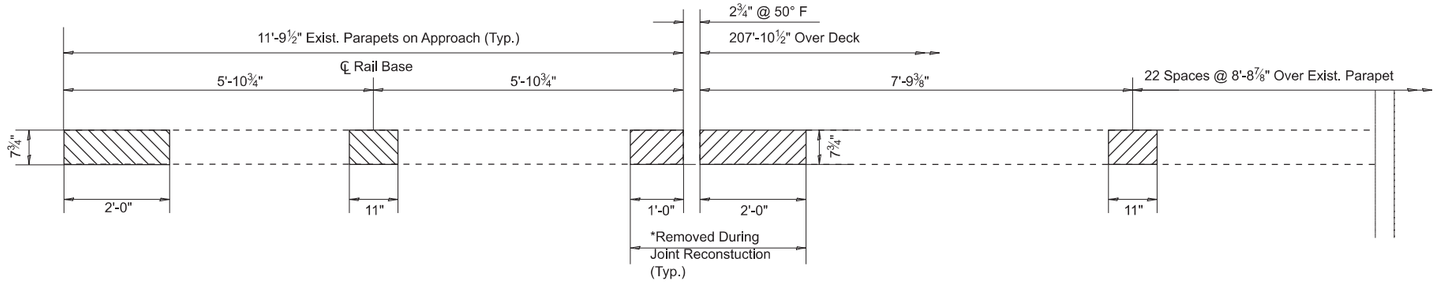
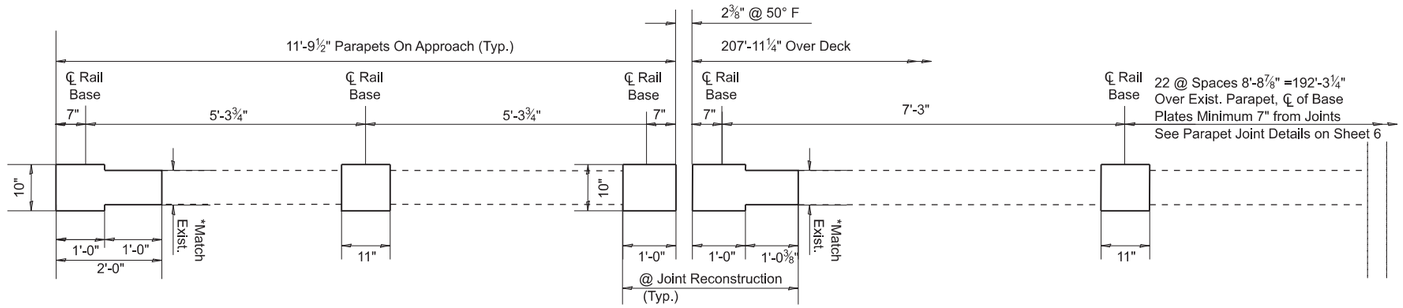
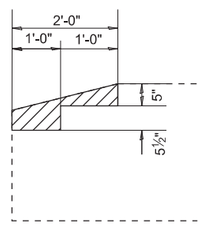


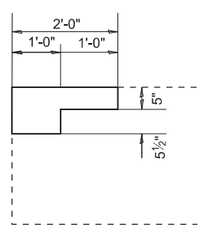
PLAN VIEW OF CONCRETE REMOVAL OF EXIST. PARAPETS (typ.)



PLAN VIEW SHOWING NEW CONCRETE FOR BRIDGE FENCE RAILING POSTS (Typ.)

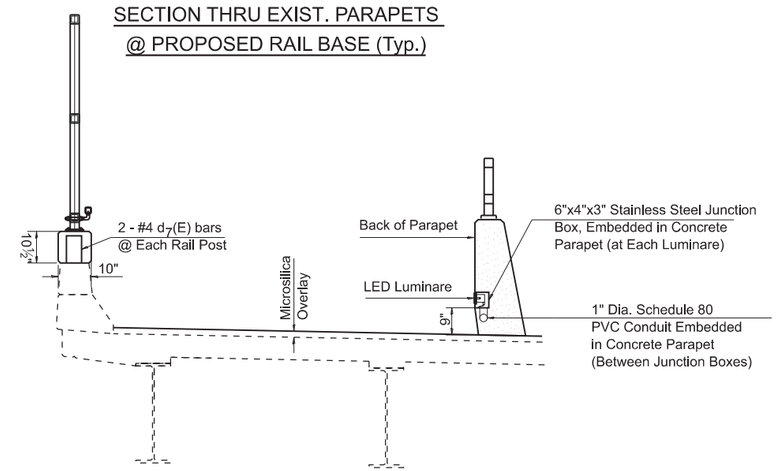


CONCRETE REMOVAL FOR RAIL BASE @ ENDS OF EXIST. PARAPETS (Typ.)

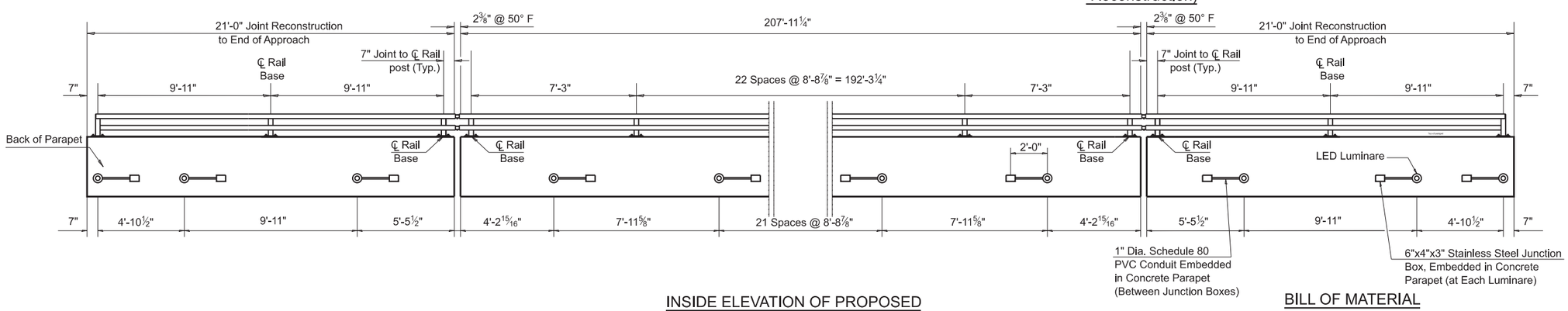


CONCRETE FOR RAIL BASE @ ENDS OF EXIST. PARAPETS (Typ.)

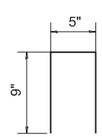
SECTION THRU EXIST. PARAPETS @ PROPOSED RAIL BASE (Typ.)



SECTION THRU PARAPETS (Outside Limits of Joint Reconstruction)



INSIDE ELEVATION OF PROPOSED PARAPET (Facing South)



Bar d7(E)

THE PARAPET MOUNTED BRIDGE LIGHTING SYSTEM PROPOSED UNDER THE STRUCTURAL PLANS IS TO BE CONNECTED TO THE PROPOSED LIGHTING CONTROLLER'S SPARE CIRCUIT BREAKER(S). PROPOSED EQUIPMENT NECESSARY TO FACILITATE THIS HOMERUN CONNECTION TO A SINGLE-POLE CIRCUIT BREAKER(S), INCLUDING BUT NOT LIMITED TO, PROPOSED CONDUIT, CABLE, JUNCTION BOX(S), BREAKER(S) TYPE AND SIZE, ARE TO BE DETERMINED BY THE CONTRACTOR. SEE "PARPET MOUNTED BRIDGE LIGHTING SYSTEM" SPECIAL PROVISION. SEE "PROPOSED LIGHTING PLANS" FOR PROPOSED LIGHTING CONTROLLER LOCATION AND DETAILS.

1

BILL OF MATERIAL

(Modifications to Exist. Parapets to AccomodateBridge Fence Railing/Bicycle Railing and Lighting in New Parapet)

Bar	Number	Size	Length	Shape
d7(E)	124	#4	1'-11"	⊓

	Item	Unit	Quantity
*	Concrete Removal	Cu. Yd.	1.1
*	Concrete Superstructure	Cu. Yd.	1.4
	Reinforcement Bars, Epoxy Coated	Pounds	160
	Parapet Mounted Bridge Lighting System	Lump Sum	1

*Quantites Over Approach Slabs Included

1 REVISED 10-30-2023

MODEL: Rail Design-2 [Sheet]
FILE NAME: pw:\\Blob-pw.bentley.com:PWIDOT\Documents\IDOT Offices\District 9\ORD Projects\78814\CADData\CADSheets\D978814-Sht0-Structures.dgn

USER NAME = Zachary.Lomax	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 0.16666633 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 6/21/2023	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PARAPET AND RAIL DETAILS 1
STRUCTURE NO. 028-0039

SCALE: | SHEET 12 OF 21 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
873	(28-5)K-1	FRANKLIN	162	128
		CONTRACT NO. 78814		
	ILLINOIS	FED. AID PROJECT		