

**PROJECT NAME - FES# XXXXX**  
**SCOPE OF WORK MATRIX**

#	Item/Task	Detailed Description/Comments	Industry			Union Pacific Railroad			QTY EST	U/M	MFG	Drawing #	Track	Station(s)
			Supplied	Assemble	Install	Supply	Assemble	Install						
1	Mainline Ballast	ML and TK "A" to 13'CP	X					X				ML - A		
2	Mainline Ballast	TK "A" 13' CP to 3+75, all of TK "C"	X		X							A - C		
3	Walkway Ballast	ML and TK "A" to 13'CP	X					X				ML - A		
4	Walkway Ballast	TK "A" 13' CP to 3+75, TK "C"	X		X							A - C		
5	Other Ballast	3+75 TK "A" - remainder of industry	X		X							A-B		
6	Turnout	#15 LH POTO UP/BN SPRING FROG 136LB, WOOD HB	X	X*				X	1	EA		ML		
7	Turnout	#9 RH POTO UP/BN RBM FROG 136LB, WOOD HB	X	X*	X				1	EA		A-C		
8	Turnout	#9 RH HTO SMSG AREMA 115LB	X	X	X				1	EA		A-B		
9	Turnout	#9 LH HTO SMSG AREMA 115LB (insulated)	X	X	X				1	EA		A-B		
10	Rail & Ties	136lb, 8'6" ties, ML to 13' CP TK "A"	X	X				X	235	TF		ML-A		
11	Rail & Ties	136b, 8'6" ties, TK "A" 13' CP to 3+75, all of TK "C"	X	X	X				418	TF		A-C		
12	Rail & Ties	115lb, 8'6" ties, 3+75 TK "A" - remainder of industry	X	X	X				8310	TF		A-B		
13	Rail/Ties/OTM	Disposal of all scrap material	X						--	EA		All		
14	Buffer Panels	40' panel ahead of turnout, 10' ties, premium fasteners	X	X				X	1	EA		ML	9596+40	
15	Buffer Panels	40' panel behind turnout, 8'6" ties, premium fasteners	X	X				X	1	EA		ML	9594+60	
16	Transistion Rails	136 new to 133 worn	X					X	4	EA		ML	Note 2	
17	Insulated Joint Rail Plugs	5.5" base	X		X				1	PR		A	77+77.8	
18	Insulated Joint Rail Plugs	5.5" base	X		X				1	PR		A	12+74.1	
19	Insulated Joint Rail Plugs	136lb <30MGT	X		X <sup>2</sup>				1	PR		A	3+75	
20	Insulated Joint Rail Plugs	136lb <30MGT	X		X <sup>2</sup>				1	PR		C	Note 2	
21	Insulated Joint Rail Plugs	136lb <30MGT	X					X <sup>2</sup>	1	PR		ML	9597+75.1	
22	Insulated Joint Rail Plugs	136lb <30MGT	X					X <sup>2</sup>	1	PR		ML	9593+52.1	
23	Sign	Crossbucks at Industry Private Crossings	X		X				6	EA		A		
24	Sign	End of Maintenance	X		X				1	EA		A	3+75.00	
25	Road Crossing	86' Timber Crossing	X		X				1	EA		A	13+87.7	
26	Road Crossing	106' Concrete Crossing	X		X				1	EA		A	54+94.3	
27	Road Crossing	106' Concrete Crossing	X		X				1	EA		A	48+82.6	
28	Road Crossing	112' Concrete Crossing	X		X				1	EA		A	36.82.0	
31	Earthen Bumper	TK "C"	X	X	X				1			C	1+23.6	
32	Earthen Bumper	TK "B"	X	X	X				1			B	8+07.1	
33	Signal					X	X	X	ALL					
34	Commercial Power	UPRR field forces to verify location (appx 200A/240V)	X <sup>1</sup>						1	EA				
35	Fields Welds		X					X	As Needed					
36	Turnout Pad	65' x 380'	X	X	X				1	EA				
37	Signal Berms	UPRR field forces to verify location	X	X	X				3	EA				
38														
	<b>NOTE</b>	<b>NOTE DESCRIPTION</b>												
1		Industry supply / UPRR assume consumption charge												
2		UPRR field forces to verify location												
*		ASSEMBLY INCLUDES WELDING												

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 7/14/2020

REV. #	BY	DATE	DESCRIPTION

Ex. UPRR Track	Shift Ind. Track	Hand Throw Turnout
Prop. UPRR Track	Future Ind. Track	Power Turnout
Remove UPRR Track	Prop. Leased Ind. Trk	Power Derail
Shift UPRR Track	Ex. Leased Ind. Trk	Hand Throw Derail
Ex. Ind. Track	No RR Operations	Point of Curve
Prop. Ind. Track	Other Ind. Track	Bridge
Remove Ind. Track	Right of Way	Signal



FES #:	DOCUMENT TYPE: xxx 100% Construction Drawing
DRAWN BY:	<b>UNION PACIFIC RAILROAD</b> For use in Agreement with: Industry Name
CHECKED BY:	LOCATION & DESCRIPTION: Station, State - Sub MP Trackage to Serve: Industry Name
DATE:	
SHEET NUMBER of	SHEET TITLE: xxx Plan View