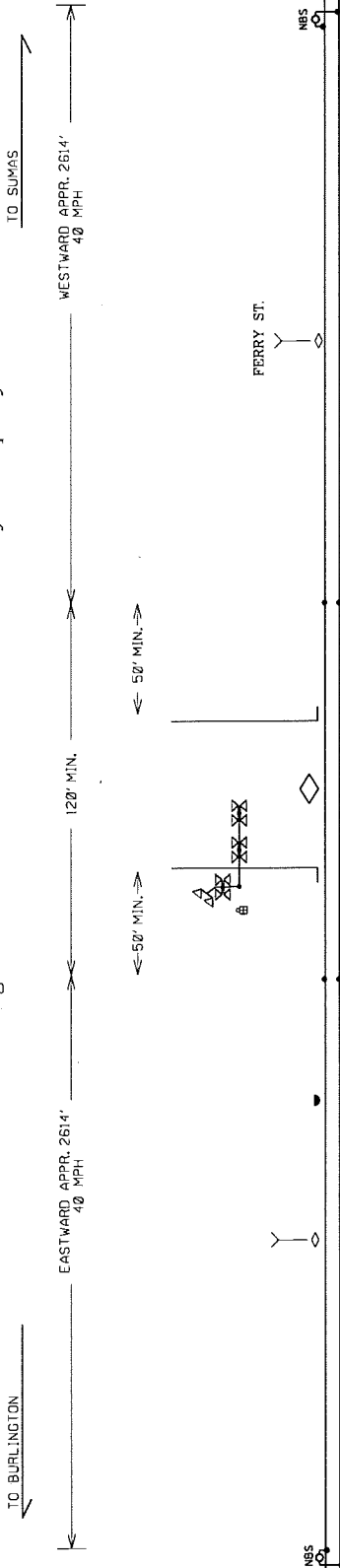
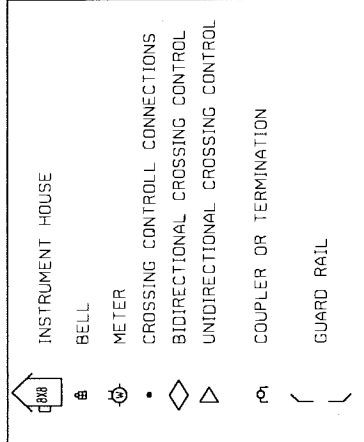


The Burlington Northern & Santa Fe Railway Company



REPLACE: LEDS
CONTROL DEVICES: CONSTANT WARNING
SALVAGE: NONE

RED = IN YELLOW = OUT



Warning device placement:
Clearance to C.L. Track = Min. 12'
Edge of Road to C.L. Foundation:
Min. 4'3" with curb.
Min. 8'3" without curb.
Max. 12'

House Clearance:
25' Min. to Near Rail
30' Min. to Edge of Road
ALL LIGHTS TO BE LED

BNSF RAILWAY CO.

LOCATION: WOODLEY, WA
STREET: SR-9 SEDRO
L.S.: 0409
M.P.: 20.87
DOT # 085 007 H
DIVISION: NORTHWEST
SUBDIVISION: SUMAS
KANSAS CITY
NO SCALE
DATE: 11/20/2018
FILE: 74717-STATE SKETCH.dgn
AMW

BNSF RAILWAY COMPANY
FHFM ESTIMATE FOR
FED

LOCATION SEDRO WOOLLEY

DETAILS OF ESTIMATE

PLAN ITEM : 000309795

VERSION : 1

PURPOSE, JUSTIFICATION AND DESCRIPTION

SR-9 - SEDRO WOOLLEY, WA; REMOVE AC LIGHTING; NORTHWEST DIV; SUMAS SUBDIV; LS 409; MP 20.87; DOT# 085007H; SEQ# 74717.

MONTHLY POWER UTILITY COST CENTER : 61504.

THE MATERIAL LIST BELOW REFLECTS TYPICAL REPRESENTATIVE PACKAGES USED FOR ESTIMATING PURPOSES ONLY.

THIS ESTIMATE IS GOOD FOR 180 DAYS. THE ESTIMATE IS SUBJECT TO CHANGE IN COST FOR LABOR, MATERIAL, AND OVERHEAD.

CONTRACTS HAVE BEEN ESTABLISHED FOR PORTIONS OF SIGNAL WORK ON THE BNSF RAILROAD.

***** SIGNAL WORK ONLY *****

FED IS FUNDING 100% OF THIS PROJECT.

MAINTAIN PROPRIETARY CONFIDENTIALITY.

PRIMARY FUNDING SOURCE IS FHWA

** BUY AMERICA(N) APPLIES **

DESCRIPTION	QUANTITY	U/M	COST	TOTAL \$

LABOR				

SIGNAL FIELD - REPLACE	112.0	MH	3,453	
PAYROLL ASSOCIATED COSTS			2,203	
DA OVERHEADS			3,568	
EQUIPMENT EXPENSES			707	
INSURANCE EXPENSES			580	
TOTAL LABOR COST			10,511	10,511

MATERIAL				

BELLS	1.0	EA N	206	
CABLE, 5C/6	500.0	FT N	2,000	
CHARGERS, 12/80 (20/40/60)	2.0	EA N	2,043	
LAMP RESISTOR PANEL	1.0	EA N	818	
LED LIGHT	26.0	EA N	4,746	
LED RETROFIT LIGHT UNIT	26.0	EA N	4,329	
LIGHT OUT DETECTOR	1.0	EA N	913	
MISC MATERIAL	1.0	LS N	750	
RELAY, POWER OFF	1.0	EA N	100	
USE TAX			1,500	
OFFLINE TRANSPORTATION			196	
TOTAL MATERIAL COST			17,601	17,601

OTHER				

CONTRACT ENGINEERING	1.0	LS N	3,000	
DIRECTIONAL BORING	150.0	FT N	7,500	
TOTAL OTHER ITEMS COST			10,500	10,500
PROJECT SUBTOTAL				38,612
CONTINGENCIES				0
BILL PREPARATION FEE				387
GROSS PROJECT COST				38,999
LESS COST PAID BY BNSF				0
TOTAL BILLABLE COST				38,999