

**AREMA UNIT STATEMENT OF RAILROAD HIGHWAY GRADE CROSSING SIGNALS  
ESTIMATED MAINTENANCE COSTS**



**BUILDING AMERICA®**

**FOR PID # 111302  
BY THE UNION PACIFIC RAILROAD**

<b>STREET</b>	<b>1800 North</b>
<b>TOWN</b>	<b>Logan, UT</b>
<b>MILEPOST</b>	<b>26.41</b>
<b>SUBDIVISION</b>	<b>Cache Valley</b>
<b>AAR/DOT NO.</b>	<b>806357U</b>
<b>WORK ORDER#</b>	<b>CAN 49238</b>

<b>DESCRIPTION</b>	<b>VALUE</b>	<b>QUANTITY</b>	<b>UNITS</b>
<b>NON-CODED TRK. CIRCUIT (Standalone AFTAC or Ring 10)</b>	2	1	2
<b>SUPERIMPOSED CIRCUIT(AFTAC) / DETECTION LOOP</b>	2	0	0
<b>HIGHWAY GRADE CROSSING SIGNAL (FRONT LIGHTS)</b>	2	3	6
<b>ADDITIONAL PAIR OF LIGHTS (OTHER THAN FRONT LIGHTS)</b>	1	3	3
<b>GATE MECHANISM, AUTOMATIC WITH ARM UP TO 26 FT</b>	8	3	24
<b>GATE MECHANISM, AUTOMATIC WITH ARM OVER 26 FT</b>	10	0	0
<b>GCP/HXP (constant warning device, per track circuit)</b>	15	2	30
<b>EXIT GATE MANAGEMENT SYSTEM RACK*</b>	10	0	0
<b>MOVEMENT DETECTOR (PMD)</b>	6	0	0
<b>MOVEMENT DETECTOR (STANDBY UNIT)</b>	3	0	0
<b>RADIO DATA LINK, PER UNIT</b>	1	0	0
<b>PREEMPTION CIRCUIT</b>	2	1	2
<b>DATA RECORDER</b>	1	0	0
<b>REMOTE MONITORING DEVICE (SEAR, ETC)*</b>	2	1	2
<b>BONDED RAIL JOINTS (per mile, each rail, single bonded)</b>	1	0	0
<b>BATTERY AND CHARGER (per set)</b>	1	2	2
<b>TOTAL UNIT COUNT</b>			<b>71</b>
<b>PAVEMENT RESTORATION COSTS</b>			<b>(Actual)</b>
	Annual Maintenance Cost at \$170/Unit		<b>\$12,070</b>

\*UP supplied Unit Value

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Logan City  
Docket No. 21-888-01  
Exhibit 7