

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



**FOR PID # \_\_\_\_\_  
 BY THE UNION PACIFIC RAILROAD**

STREET \_\_\_\_\_  
 TOWN \_\_\_\_\_  
 MILEPOST \_\_\_\_\_  
 SUBDIVISION \_\_\_\_\_  
 AAR/DOT NO. \_\_\_\_\_  
 WORK ORDER# \_\_\_\_\_

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

\*UP supplied Unit Value