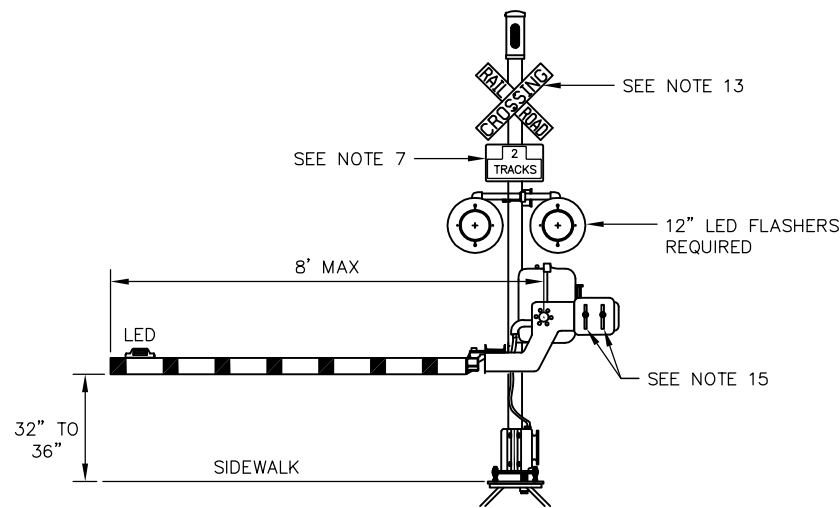
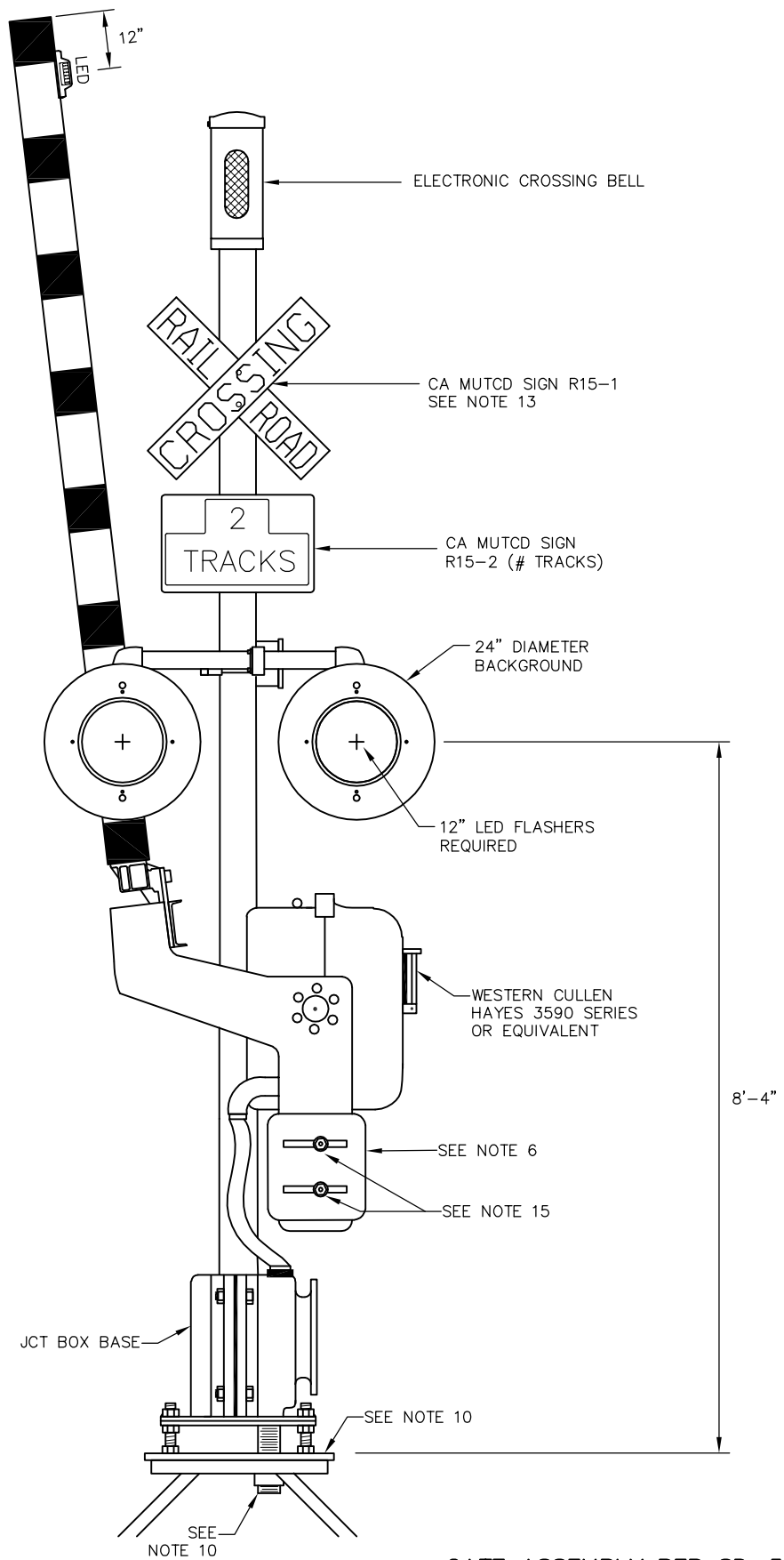


PLAN VIEW



SIDE VIEW  
TYPICAL LOCATION



SIDE VIEW

GATE ASSEMBLY PER SD-5409 WITH ADDITION OF PEDESTRIAN APPURTENANCES.

NOTES:

1. PER CPUC GENERAL ORDER 75D, SIGNAL AT ALL NEW LOCATIONS SHALL HAVE LED FLASHER ASSEMBLIES
2. FLASHING LIGHT SIGNAL UNITS SHALL BE 12" LED TYPE DESIGNED TO OPERATE WITH A SOLID STATE CROSSING CONTROLLER AND SHALL CONFORM TO AREMA C&S MANUAL RECOMMENDATIONS
3. 1-WAY OR 2-WAY LED FLASHER ASSEMBLIES SHALL INCLUDE JUNCTION BOX CROSS ARM ASSEMBLY AND LAMP MOUNTING BRACKETS PER AREMA C&S MANUAL PART 3.2.51, 12" LED LAMP UNITS, 24" STEEL BACKGROUNDS, STEEL HOODS AND ALL ASSOCIATED HARDWARE
4. LIGHT ASSEMBLIES SHALL BE PLACED SO AS THEY DO NOT TO INTERFERE WITH GATE ARM MOVEMENT
5. INSTALL FLASHERS PER SITE SPECIFIC SIGNAL DRAWINGS
6. WHEN COUNTER WEIGHTS ARE ADDED, ENSURE THAT SMALL PLATES ARE USED TO AVOID EXCESSIVE OVERHANGS IN AREA THE PEDESTRIAN MAY OCCUPY
7. SEE SD-7000 SERIES FOR OTHER DETAILS OF CIVIL DRAWINGS
8. SMOOTHEN GATE TIP FROM BURRS AND SHARP EDGES
9. CABLE ENTRY SHALL BE PROTECTED FROM RODENTS AND VANDALISM
10. TOP OF FOUNDATION SHALL BE LEVELED WITH SIDEWALK
11. FOR FLASHER HEIGHT SEE SD 5409 (PUC NO. 9)
12. ORIENTATION OF GATE ARM AND MECHANISM WILL VARY DEPENDING ON SITE SPECIFIC REQUIREMENTS. ORIENTATION AS SHOWN FOR ILLUSTRATION PURPOSES ONLY
13. INSTALL SIGNS EQUAL DISTANCE BETWEEN FLASHERS AND ELECTRONIC BELL.
14. ON PEDESTRIAN GATES HALF ARM CAN BE USED ON OPPOSITE SIDE OF ARM WITH COUNTER WEIGHT
15. ON PEDESTRIAN GATES EXCESS BOLT THREAD SHALL BE REMOVED FROM SUPPORT BOLTS AFTER INSTALLATION OF COUNTER WEIGHTS

REV	DATE	BY	CHK	APP	DESCRIPTION

**PENINSULA CORRIDOR JOINT POWERS BOARD**

APPROVED BY:




ENGINEERING MANAGER      DEPUTY DIRECTOR OF ENGINEERING



1250 San Carlos Avenue  
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**STANDARD DRAWINGS**

SIGNAL AND COMMUNICATION  
 HIGHWAY GRADE CROSSING APPARATUS  
 PEDESTRIAN WARNING DEVICE  
 AT VEHICLE CROSSINGS

CADD FILE NO.: SD-5411  
 REV 0 DATE 093011  
 STANDARD NO.: SD-5411