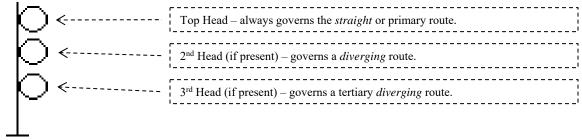
## **TMRR Signals**

## Solid Red = Stop; Otherwise Go.

Train Mountain signals use multiple heads to indicate which route ahead is selected. The signal has one head for each possible route. Only one head will be active at any given moment, all other heads will display red. If no route is permitted, all heads will be red.

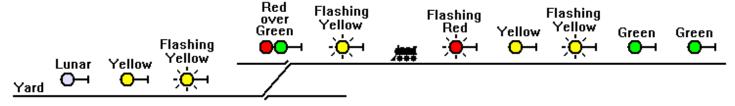


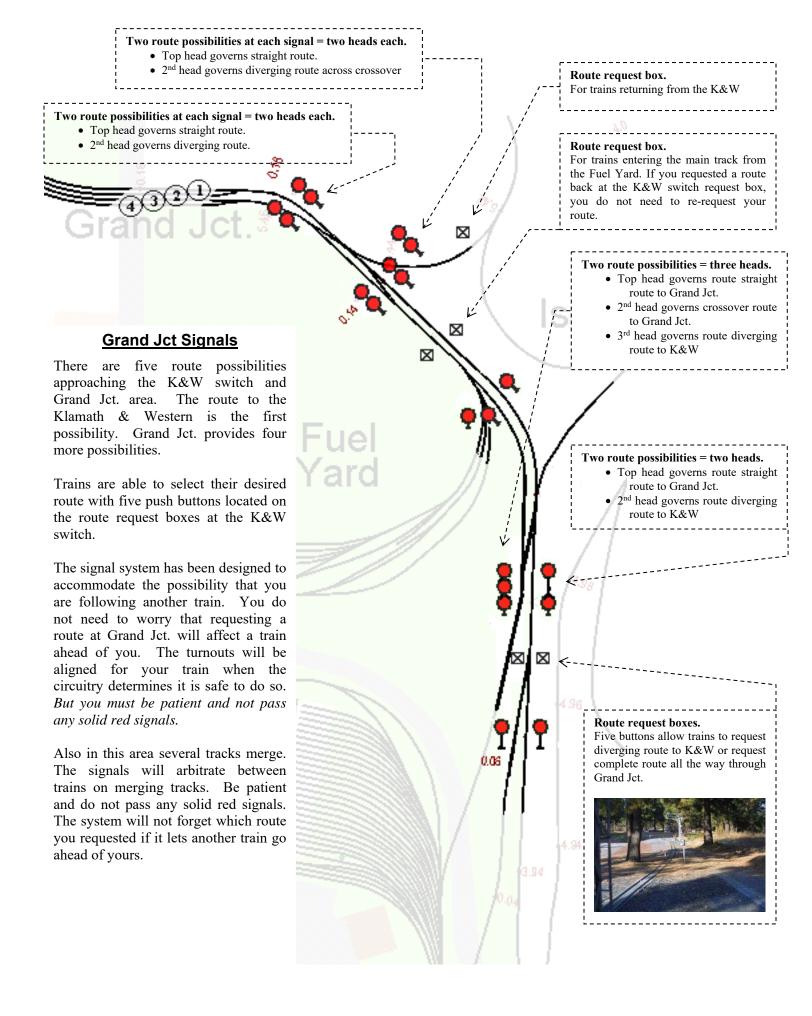
Colors are used to indicate the presence of trains ahead on the selected route. These colors can be displayed on any of a signal's heads, thus forming a matrix of possibilities.

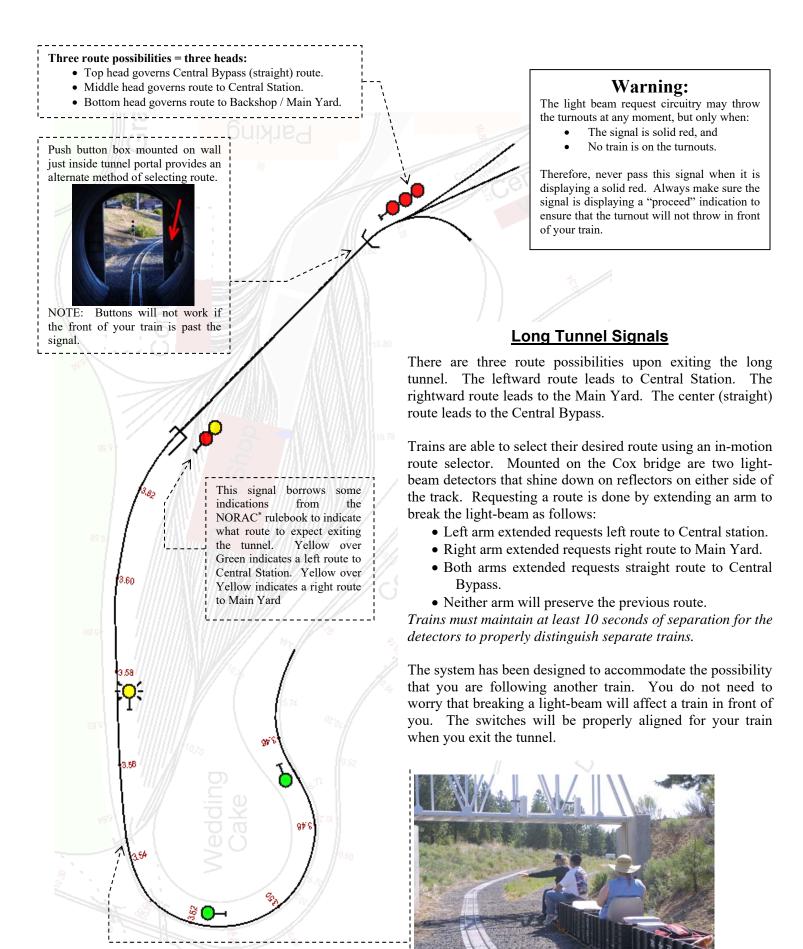
Head Color		Summary	Meaning
<b> </b>	Green	GO	Proceed. The track ahead is clear
Þ	Flashing Yellow	GO	Proceed, slowing down by the time you reach the next signal
þ	Yellow	GO	Proceed, preparing to stop at the next signal
þ	Lunar White	GO	Proceed "on-your-own". Used for entering a yard.
-	Flashing Red	GO	Proceed "on-your-own". There is a train immediately ahead.
<b> </b>	Red	STOP	Do not pass the signal.

This system of combining color with head position is typical of railroads in the western US. These rules most closely resemble the Burlington Northern.

The following illustration shows a progression of signals. Displaying them in this context helps clarify their usage. Behind a train is a flashing red - a following train may proceed cautiously, prepared to stop immediately. Behind the red is a yellow - a following train must be prepared to stop at the next signal. A flashing yellow behind the solid yellow is becoming customary on real railroads. It gives additional distance in which to slow down. Ahead of the train is a crossover. For this diverging/secondary route, a green is displayed in the second head. Real trains would need to go slow over diverging switches and the preceding flashing yellow provides the warning to get slowed down. The train enters the yard on a lunar with yellows preceding.







Engineer extends left arm to request route to Central Station.

## Central Station Tower - Channel 13 Signals in this area are controlled from the tower near the Containerville station. During meets when the tower is open, contact the tower operator on FRS Channel 13 to state your desired destination. Don't assume the tower operator knows your location - specify it when you make radio contact (see Backshop departure signals. Identify left). Also give your engine number as identification. you location by signal number. Right signal is 2R. Left track is 14R. The operator will align your route and then display a "proceed" indication on the signals. You must be patient and not pass any solid red signals, as the operator is also routing other trains. Whiteboard signs will be placed along the tracks that approach the tower, reminding you call in. Call in when you pass these signs. They will be strategically placed to give the tower operator enough advance warning of your arrival to be able to plan ahead. Main Yard departure signals. Indentify your location by the signal number attached on signal bridge: 6R,8R,10R Two route possibilities = two heads: Top heads govern straight routes. Destination: Crisp Yard Bottom heads govern crossover routes Long Tunnel Approach. Signal Destination: Station Bypass Track to Grand Jct. Route request box. When the tower is closed, trains can select their route via push buttons. Three buttons correspond to the left ladder track, the right ladder track, and the main to Grand Jct. Three route possibilities = three heads: • Top head governs main track to Grand Jct. Destination: Station Parking. • Middle head governs route to right ladder track. • Bottom head governs route to left ladder track. 10.04 Destination: Turntable