234 / 2234 DOUBLE TARGET SIGNAL INSTALLATION

DOUBLE TARGET SIGNALS ARE USUALLY FOUND NEXT TO SOME TYPE OF INTERLOCKING TRACK CONFIGURATION. PASSING SIDINGS WOULD BE A COMMON EXAMPLE. NORMALLY THE TOP TARGET WOULD INDICATE THE MAINLINE ROUTE AND THE LOWER TARGET WOULD INDICATE THE DIVERTING OR SIDING ROUTE. THIS EXAMPLE SHOWS HOW TO CONNECT YOUR SCB's TO AN ATLAS UNDER TABLE SWITCH MACHINE TO ALLOW THE SIGNAL INDICATION TO CHANGE BASED ON SWITCH POSITION (NORMAL — MAINLINE) OR (DIVERGING — PASSING SIDING).

THE INTEGRATION LEADS USED IN THE SIGNAL CONTROL CABLES CAN BE OMITTED IF THE "APPROACH" LIGHTING FEATURE IS NOT BEING USED. A SINGLE WIRE (SOLID 22-24 GA) WORKS BEST, CAN BE USED IN PLACE OF THE MODULAR TELEPHONE STYLE CABLE. IF YOU INSTALL THE CUSTOM SIGNALS TURNOUT CONTROL MODULE THE SIGNAL CONTROL CABLE WILL BE REQUIRED.

THE DOTTED MAGENTA COLORED WIRE SHOWN ON THE WIRING DIAGRAM ILLUSTRATES HOW TO CONNECT THE INTERCEPTION FEATURE USING ONLY A SINGLE CONDUCTOR WIRE.

SWITCH MOTOR USED AT INTERLOCKING FOR MAINLINE OR DIVERGING ROUTE.

ARM RIGHT, COM & B CONTACTS CLOSE
ARM LEFT COM & A CONTACTS ARE CLOSED
TO "COMMON" OR GROUND

ATLAS UNDER TABLE SWITCH MOTOR
32 SCALE: 2500
"N & B: N; # 66
"O & O: 55 RAL; # 2566

6 - 22 VAC/DC
TO SCB#2 "DIN"

TO TRACK COMMON TO TRACK POWER

UPPER TARGET

LOWER TARGET

TO BD9 #1 "DET"