

NOTES:

1. YELLOW POLYCARBONATE SINGLE HEADS.
2. ALL PIPING SHALL BE YELLOW IN ALUMINUM OR BRASS, INCLUDING END OF MAST RIGID FITTING.
3. YELLOW TUNNEL VISORS POLYCARBONATE.
4. SINGLE HEAD BACKPLATES FOR ALL HEADS TO BE 1 PIECE, BLACK POLYCARBONATE.
5. HEADS EITHER TENON MOUNT OR END OF MAST 2 WAY CROSS TOP HUNG.
6. ALL SIGNS SHALL COMPLY WITH THE MUTCD, LATEST EDITION.
7. SIGN FOR MAST ARM SHALL BE MIN. 30" X 24" ATTACHED TO ARM WITH BRACKETS.
8.  S5-1 SIGN FOR POLE MOUNT SHALL BE MINIMUM 24" X 48" MOUNTED DIRECTLY TO POLE USING 4 BOLTS AND 1 BRACKET.
9.  SIGN FOR MAST ARM "END SCHOOL ZONE" SHALL BE 24" X 30" AND MOUNTED DIRECTLY BEHIND MAST ARM "SCHOOL ZONE" SIGN WITH BRACKET.
10. SCHOOL ZONE FLASHER CONTROLLER SYSTEM: CABINET, CONTROLLER, TIME SWITCH AND TIME SWITCH CONVERTOR SHALL BE RTC MANUFACTURING, INC. OTHER SPECIFIED MODELS SHALL REQUIRE APPROVAL OF THE CITY'S TRAFFIC ENGINEER.
 - A. RTC MANUFACTURING, INC. ONE-BATTERY SYSTEM INCLUDING GUARDIAN PANEL NO. 2 CABINET (PART# 502565K), "SCHOOL ZONE FLASHER SYSTEM" APPLICATION.
 - B. RTC MANUFACTURING, INC. AP22 TIME SWITCH.
 - C. M2M CELLULAR MODEM.
11. YELLOW LED'S SHALL BE "LEOTEK" OR APPROVED EQUAL.
12. SERVICE TO BE A TYPE 3R TESCO 26-100 OR BETTER WITH BRUSHED ALUMINUM FINISH, RTC MODEL NO. 502565K, OR APPROVED EQUAL, TO BE MOUNTED AT TOP OF THE POWER DISTRIBUTION PANEL.
13. ALL EQUIPMENT SHALL BE WITHIN THE CITY OF RENO RIGHT-OF-WAY OR EASEMENT WITH POLE LOCATED BEHIND SIDEWALK. POLE, SIGN AND EQUIPMENT LOCATION SHALL BE PLACED TO CONFORM TO THE REQUIREMENTS OF PROWAG. TYPICAL POLE PLACEMENT SHALL BE THE BACK OF SIDEWALK. WHERE NO SIDEWALK EXIST ALL EQUIPMENT SHALL BE 2' MIN. CLEAR FROM THE ROADWAY FACE OF CURB.
14.  SEE NDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION TYPE 30 OR TYPE 35 FOR POLE AND BASE DETAILS.
15. MAST ARMS MAY BE DELETED FOR ONE-LANE EACH DIRECTION ROADWAYS.
16. TESTED AND PROVEN OPERATIONAL BEFORE CITY ACCEPTANCE.
17. ALL EQUIPMENT SHALL BE SUBMITTED FOR TO THE CITY'S TRAFFIC ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. AFTER INSTALLATION, SCHOOL ZONE FLASHER SHALL BE FIELD TESTED IN THE PRESENCE OF THE TRAFFIC ENGINEER (OR DESIGNEE) AND PROVEN OPERATIONAL TO THE SATISFACTION OF THE CITY BEFORE FINAL CITY ACCEPTANCE.



STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION

DRAWING No.

NOTES -
SCHOOL ZONE FLASHERS - OVERHEAD

R-417B

APPROVED BY: KK DATE: 2/2026