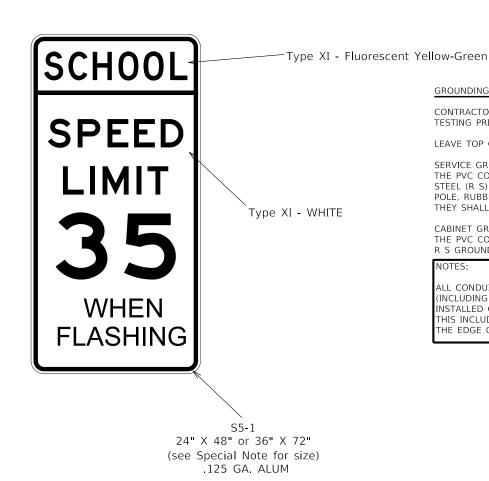


-GALVANIZED U-BOLTS 12" YELLOW FLASHER BEACONS--SIGN, S5-1

THE BOTTOM HEIGHT OF THE LOWER SIGNAL FACE HOUSING SHALL NOT BE LESS THAN 17 FEET ABOVE THE PAVEMENT GRADE OF THE CENTER OF THE ROADWAY. THE TOP HEIGHT OF THE UPPER SIGNAL FACE HOUSING SHALL NOT BE MORE THAN 26 FEET ABOVE THE PAVEMENT GRADE OF THE CENTER OF THE ROADWAY.

SCHOOL FLASHER SPAN DETAIL



GROUNDING REQUIREMENTS:

CONTRACTOR SHALL PROVIDE A MINIMUM OF 6 INCHES OF GROUND WIRE FOR TESTING PRIOR TO CONNECTING THE WIRE TO ANY DISCONNECT, CABINET OR POLE.

LEAVE TOP OF GROUND RODS EXPOSED FOR ELECTRICAL INSPECTION.

SERVICE GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO THE DISCONNECT AND THEN TO EACH RIGID STEEL (R S) GROUNDING BUSHING. IF GROUND WIRE IS RUN ON THE INSIDE OF THE POLE, RUBBER GROMMETS SHALL BE PROVIDED AT DISCONNECT AND POLE CUT OUTS. THEY SHALL BE INCIDENTAL TO BID ITEM "24526ED".

CABINET GROUND - GROUND WIRE SHALL COME FROM THE GROUND ROD THROUGH THE PVC CONDUIT, CONNECTING TO THE CABINET GROUND BUS AND THEN TO EACH R S GROUNDING BUSHING.

NOTES:

ALL CONDUITS USED FOR THE TELEPHONE, GROUNDING, AND SERVICE (INCLUDING FLEX CONDUIT IF IT IS RUN INSIDE THE POLE) THAT ARE INSTALLED ON THE POLE CABINET ARE INCIDENTAL TO BID ITEM "24526ED" THIS INCLUDES PROVIDING A MINIMUM OF 24 INCHES OF CONDUIT PAST THE EDGE OF THE CONCRETE PAD.

RS CONDUIT — 3/4" SCHEDULE 80 PVC CONDUIT (GROUNDING) LOCKNUT (TYP)-(BOTH SIDES) BUSHING AND LUG RS CONDUIT 1- 1/4" (MIN.) R S CONDUITS FOR SIGNAL WIRES. CONTRACTOR SHALL MODIFY SIZE/QUANTITY OF CONDUITS IN ORDER TO COMPLY WITH NEC REQUIREMENTS SEE POLE BASE DETAIL SHEET FOR GROUNDING DETAILS

STEEL POLE MOUNT ENCLOSURE

Special Note:

Size of sign shall be noted on the plan sheet.

36" X 72" for four or more lanes with normal posted speed of 40 mph or greater. 24" X 48" for all other conditions.

9/8/2025

SPAN MOUNTED SCHOOL FLASHER DETAIL

COUNTY OF

- GROUNDING BUSHING

LOCKNUT (TYP) (BOTH SIDES) CABINET HOUSING

MOUNTED PER MANUFACTURER

RECOMMENDATION. USUALLY WILL

BE ANGLED AND POINTED TO THE

SOUTH

MOUNTING STRAP

- MOUNTING BRACKET,

(TYP.)

SHEET NO.

ITEM NO.