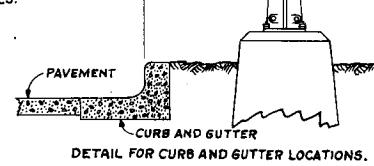
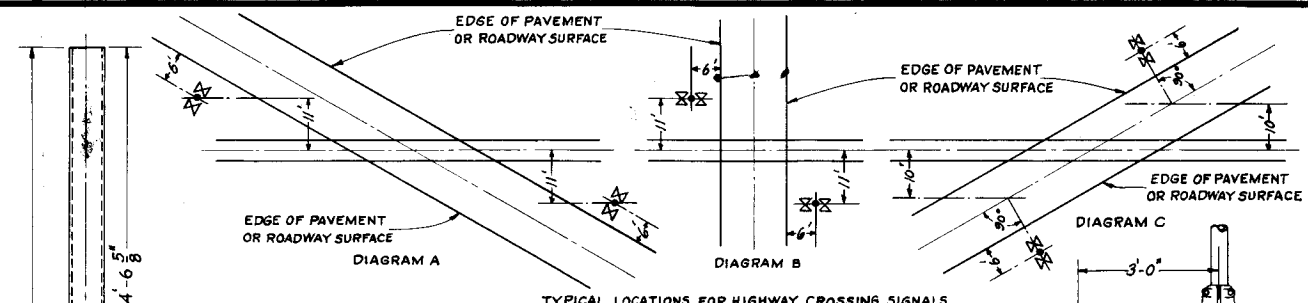
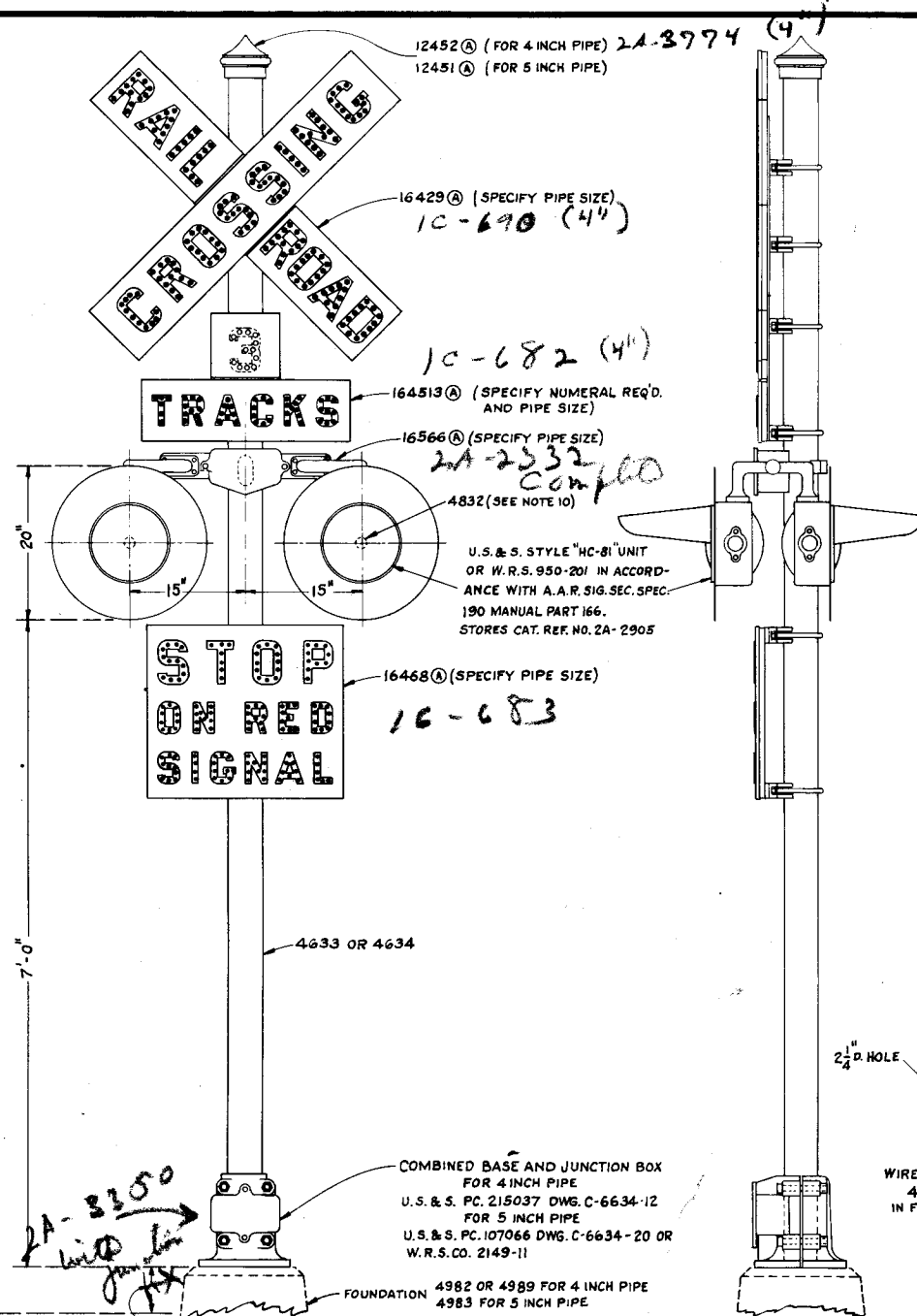


B.C. Overholt
Greensport, Pa




- NOTES:
1. UNLESS OTHERWISE ORDERED, FLASHING LIGHT SIGNALS SHALL BE MOUNTED ON SAME MAST AS CROSSING SIGN (CROSSBUCK), BEING LOCATED IN ACCORDANCE WITH NOTE 13.
 2. CROSSING SIGNS AS INDICATED, SHALL BE STANDARD. "STOP" SIGN A.A.R. SIG. SEC. DRAWING 1654 IN LIEU OF "STOP ON RED SIGNAL" SIGN AND OTHER SIGNS MAY BE INSTALLED ONLY WHEN REQUIRED BY LOCAL OR STATE AUTHORITIES.
 3. WHERE ONLY ONE TRACK CROSSES A HIGHWAY, THE "NUMBER OF TRACKS" 164513 (A) SHALL BE INSTALLED ONLY WHEN REQUIRED BY LOCAL OR STATE AUTHORITIES.
 4. PROVIDE PHANKILL SHIELDS IN "HC-BI" UNITS IF NECESSARY.
 5. PARTS MARKED (A) REFER TO CURRENT ISSUE OF A.A.R. SIG. SEC. DRAWINGS.
 6. ONE HIGHWAY CROSSING BELL, LOCATED ON TOP OF MAST SHALL BE INSTALLED AT EACH CROSSING IF DESIRED, OR IF REQUIRED BY LOCAL OR STATE AUTHORITIES.
 7. FOR NEW WORK, CONSIDERATION SHOULD BE GIVEN TO THE FUTURE ADDITION OF AUTOMATIC CROSSING GATES. IF GATES ARE TO BE ADDED, MAST 4634 WITH PROPER BASE AND FOUNDATION SHALL BE INSTALLED.
 8. FOUNDATIONS WITH FOUNDATION BOLTS SHALL BE ORDERED SEPARATELY.
 9. FOR TYPICAL CONTROL CIRCUITS SEE DRAWING S-860.
 10. USE LAMP 4832 AS STANDARD. IF BETTER ILLUMINATION IS REQUIRED, USE 10 VOLT, 18 WATT LAMP U.S. & S. PC. 151138 WITH CIRCUITS ARRANGED TO PROVIDE 9.0 TO 9.5 VOLTS AT LAMP.
 11. SIGNALS SHALL NOT BE LIGHTED EXCEPT FOR AN APPROACHING TRAIN, THEN RED LIGHTS FLASHING ALTERNATELY 30 TO 45 TIMES PER MINUTE MUST BE DISPLAYED UNTIL TRAIN CLEARS THE CROSSINGS.
 12. ALL MACHINE SCREWS, WASHERS, HINGE PINS, COTTER PINS, ETC. EXPOSED TO THE WEATHER SHALL BE OF NON-CORROSIVE METAL, OR CADMIUM PLATED. BACKGROUNDS AND HOODS SHALL BE MADE OF COPPER BEARING STEEL.
 13. DIAGRAMS A, B & C INDICATE TYPICAL LOCATIONS FOR SIGNALS, ACTUAL LOCATIONS ARE DETERMINED BY CONDITIONS IN THE FIELD.
 14. PAINTING SHALL BE IN ACCORDANCE WITH A.A.R. SIG. SEC. SPEC. 120 MANUAL PART 110. FRONT EXPOSED PORTIONS OF LIGHT UNITS, HOODS AND BACKGROUNDS SHALL BE PAINTED WITH A FINISH COAT OF DULL BLACK S.C.R. 47-2020 OR 47-3208. ALL OTHER PARTS SHALL BE PAINTED WITH ALUMINUM.
 15. AFTER INSTALLATION, ALL FOUNDATION BOLT HOLES IN BASE SHALL BE FILLED WITH NO-OX-ID COMPOUND.
 16. IF SOIL CONDITIONS REQUIRE A DEEPER FOUNDATION, AN EXTRA FILLER BLOCK MAY BE ADDED, USING LONGER ANCHOR BOLTS.

REVISIONS
REDRAWN FROM APPROVED DRAWING S-463-D, DATED APRIL 8, 1931. REVISED TO SHOW A.A.R. SIG. SEC. SIGNS & PARTS, AND THE COMPLETE HIGHWAY CROSSING SIGNAL PARTS 4631 & 4634 AND LOCATION SYSTEMS ADDED. NOTES CHANGED ACCORDINGLY.


LIGHT BEAMS
FRONT AND BACK LIGHTS SHALL BE PROVIDED WITH 30° HORIZONTAL SPREAD AND 15° DOWNWARD DEFLECTING COVER GLASS. FOR UNUSUAL FIELD CONDITIONS SPECIAL LENS COMBINATIONS MAY BE OBTAINED.

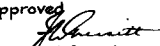
1 SHEET

 **S-463-E**

THE PENNSYLVANIA RAILROAD
STANDARD
SIGNAL

FLASHING LIGHT HIGHWAY CROSSING
OFFICE OF CHIEF ENGINEER, PHILA., PA., FEBRUARY 26, 1952.

Approved  Assistant Chief Engineer-Signals

Approved  Chief Engineer