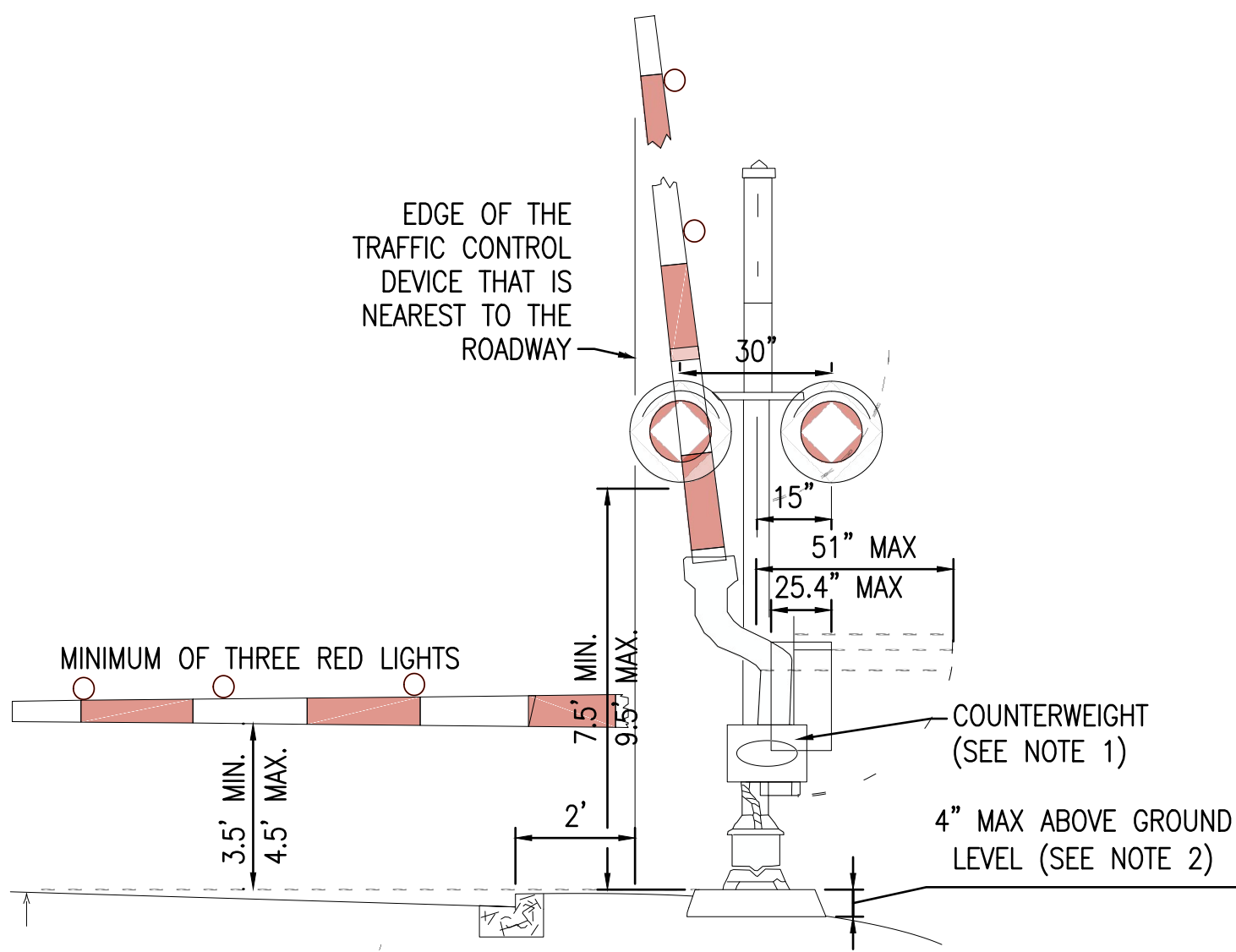


D

C



- NOTES:
- WHERE GATES ARE LOCATED IN THE MEDIAN, ADDITIONAL MEDIAN WIDTH MAY BE REQUIRED TO PROVIDE THE MINIMUM CLEARANCE FOR THE COUNTERWEIGHT SUPPORTS.
 - THE TOP OF THE SIGNAL FOUNDATION SHOULD BE NO MORE THAN 4 INCHES ABOVE THE SURFACE OF THE GROUND AND SHOULD BE AT THE SAME ELEVATION AS THE CROWN OF THE ROADWAY. WHERE SITE CONDITIONS WOULD NOT ALLOW THIS TO BE ACHIEVED, THE SHOULDER SIDE SLOPE SHOULD BE RE-GRADED OR THE HEIGHT OF THE SIGNAL POST SHOULD BE ADJUSTED TO MEET THE 17-FOOT VERTICAL CLEARNACE REQUIREMENT.

TRAFFIC CONTROL DEVICES FOR GRADE CROSSING

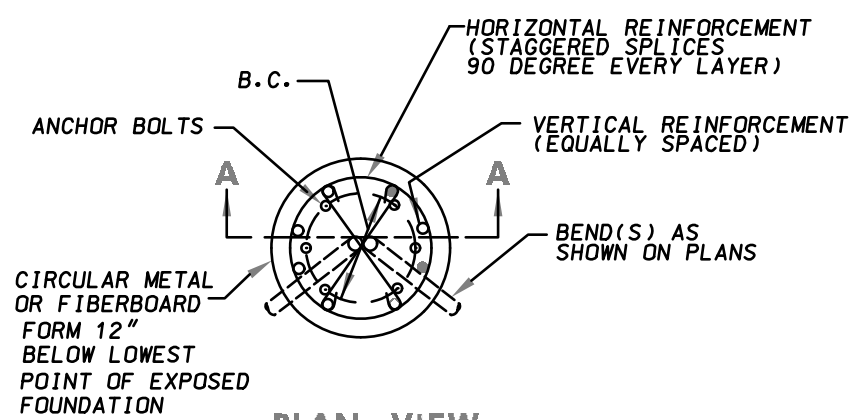
NOT TO SCALE

C1

B

A

BOL I CIRCLE (IN.)	ANCHOR BOLT SIZE (NO.-DIA. IN.xIN.)	ANCHOR BOLT PROJECTION ABOVE FOUNDATION MAX. (IN.)	FOUNDATION REINFORCEMENT DIAMETER (IN.)	DEPTH H IN GROUND	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT	CONCRETE REQUIRED C.Y.
11	4 - 1 x 36	3 1/4	2'-0"	6'-0"	6 NO. 8	NO. 3@12"C.C.	0.7



NOTES:

- ALL EXPOSED FOUNDATION FACES SHALL BE FINISHED SMOOTH.
- GROUT SHALL NOT BE INSTALLED BETWEEN THE BASE PLATE AND THE TOP OF THE FOUNDATION.
- 1/4" THICK STEEL TEMPLATE PLATE WITH 1/8" LARGER ANCHOR BOLT HOLE SHALL BE USED FOR INSTALLATION.
- ANCHOR BOLTS SHALL BE PLUMB AND SHALL BE INSTALLED WITH MISALIGNMENT OF LESS THAN 1:40 FROM VERTICAL.

GENERAL NOTES:

- FOUNDATION DESIGN WILL BE CONFIRMED UPON SHOP DRAWING SUBMISSION OF TRAFFIC CONTROL DEVICES FOR GRADE CROSSINGS PRODUCT DATA.

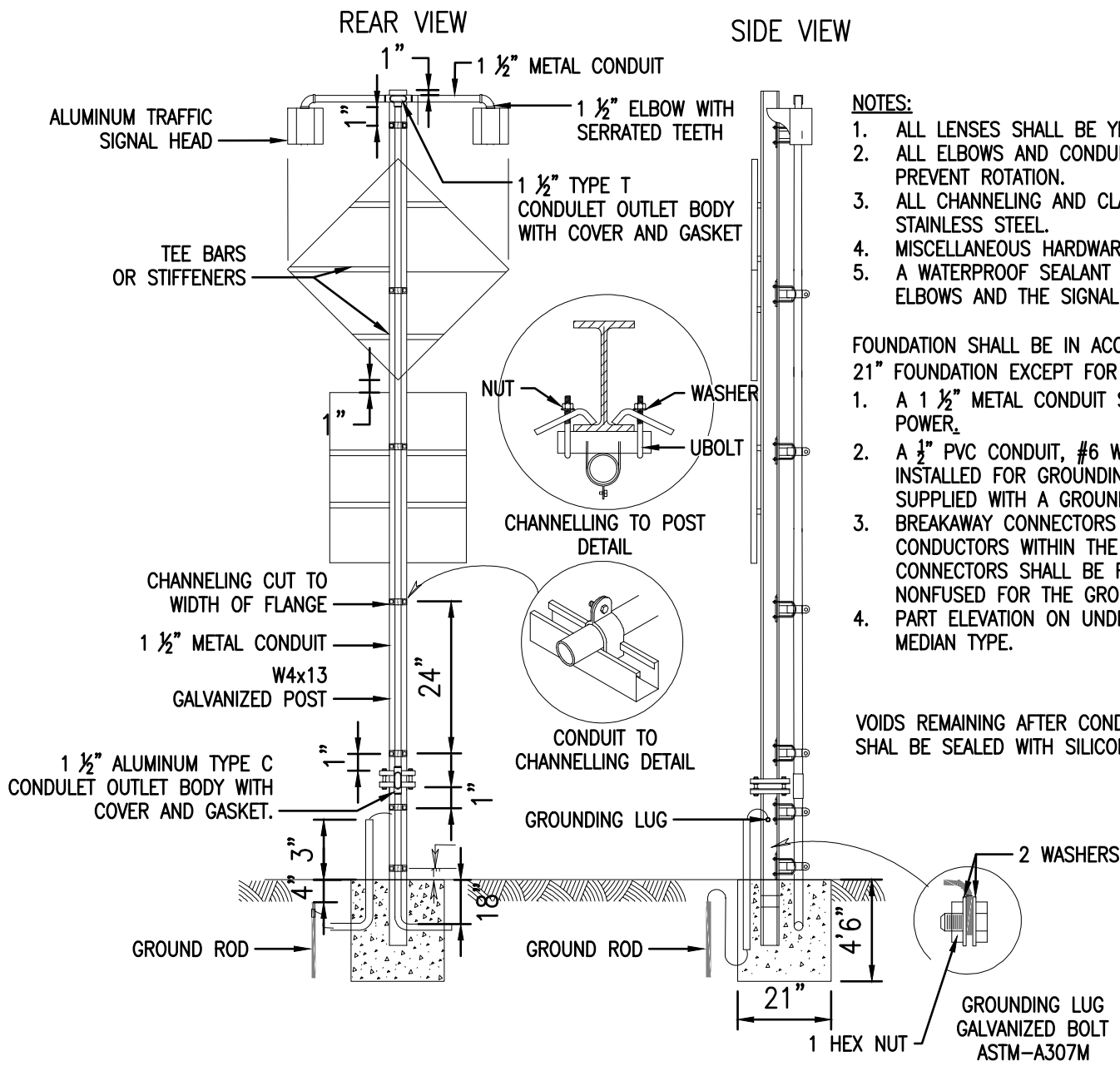
TRAFFIC CONTROL DEVICES FOR GRADE CROSSING FOUNDATION DETAIL

NOT TO SCALE

A1



3



- NOTES:
- ALL LENSES SHALL BE YELLOW AND 12" IN DIAMETER.
 - ALL ELBOWS AND CONDULETS SHALL HAVE SET SCREWS TO PREVENT ROTATION.
 - ALL CHANNELING AND CLAMPS SHALL BE GALVANIZED OR STAINLESS STEEL.
 - MISCELLANEOUS HARDWARE SHALL BE STAINLESS STEEL.
 - A WATERPROOF SEALANT SHALL BE UTILIZED BETWEEN THE ELBOWS AND THE SIGNAL HEADS.

FOUNDATION SHALL BE IN ACCORDANCE WITH SSP-VA FOR A 4'6" X 21" FOUNDATION EXCEPT FOR THE FOLLOWING:

- A 1 1/2" METAL CONDUIT SHALL BE INSTALLED FOR ELECTRICAL POWER.
- A 1/2" PVC CONDUIT, #6 WIRE AND GROUND ROD SHALL BE INSTALLED FOR GROUNDING PURPOSES. STUB POST SHALL BE SUPPLIED WITH A GROUNDING LUG WELDED TO POST WEB.
- BREAKAWAY CONNECTORS SHALL BE INSTALLED ON THE SIGNAL CONDUCTORS WITHIN THE TYPE C CONDULET. BREAKAWAY CONNECTORS SHALL BE FUSED FOR THE HOT CONDUCTOR AND NONFUSED FOR THE GROUND CONDUCTOR.
- PART ELEVATION ON UNDIVIDED HIGHWAYS SHALL BE OF THE MEDIAN TYPE.

VOIDS REMAINING AFTER CONDUCTORS EXIT OR ENTER GROUNDING CONDUIT SHALL BE SEALED WITH SILICONE TO PREVENT MOISTURE AND RODENT ENTRY.

FLASHING BEACON INSTALLATION DETAILS

NOT TO SCALE

C4

5

SYN	DESCRIPTION	DATE	APPR
1	AMENDMENT 0005	04/15/2023	
0	ISSUE FOR CONSTRUCTION	09/26/2022	



JOINT VENTURE

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO

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PHDM

BRANCH MANAGER

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FIRE PROTECTION

NAVFACILITIES ENGINEERING COMMAND

WASHINGTON DC

CAMP SPRINGS, MD

P-3002 RELOCATE HAZARDOUS CARGO

PAD AND EOD PROFICIENCY RANGE

TRAFFIC CONTROL DEVICES DETAILS

SCALE: AS NOTED

EPROJECT NO.: 1398650

CONSTR. CONTR. NO. N40080-22-R-8580

NAVFAC DRAWING NO. 13140360

SHEET 90 OF 229

CT-502

DRAWING REVISION: 08 APRIL 2017