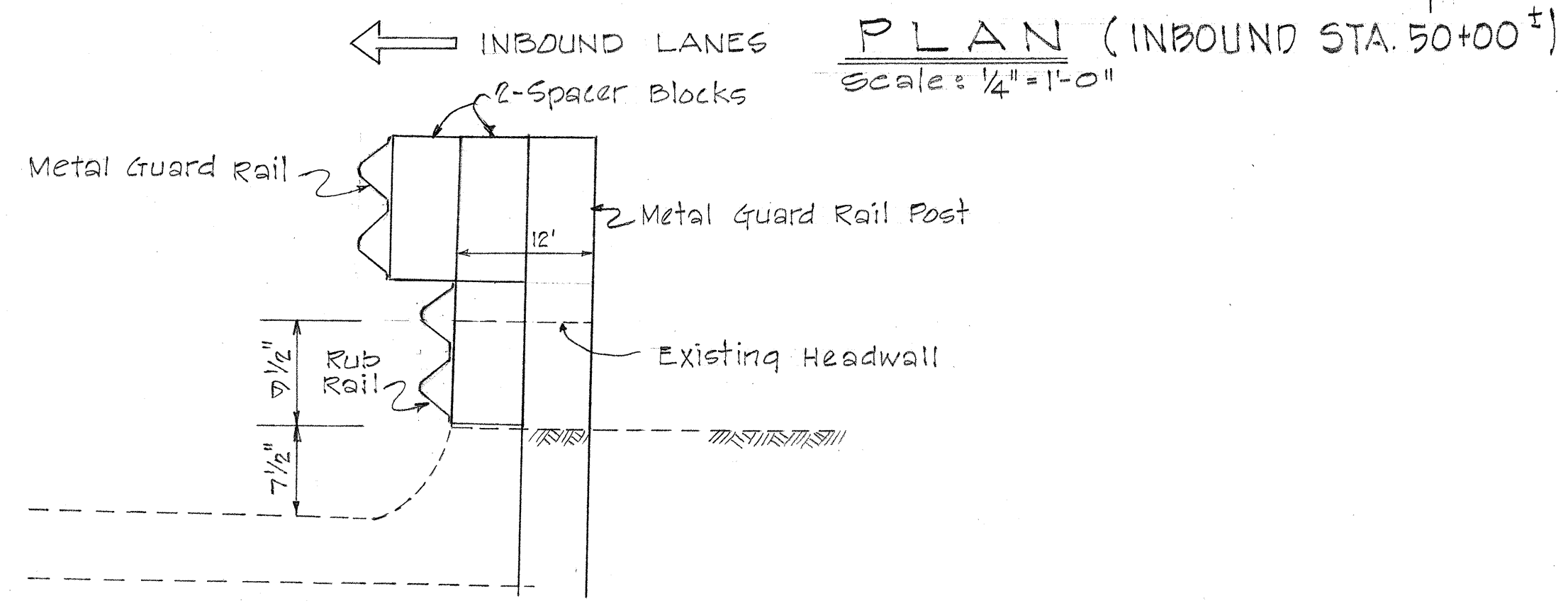
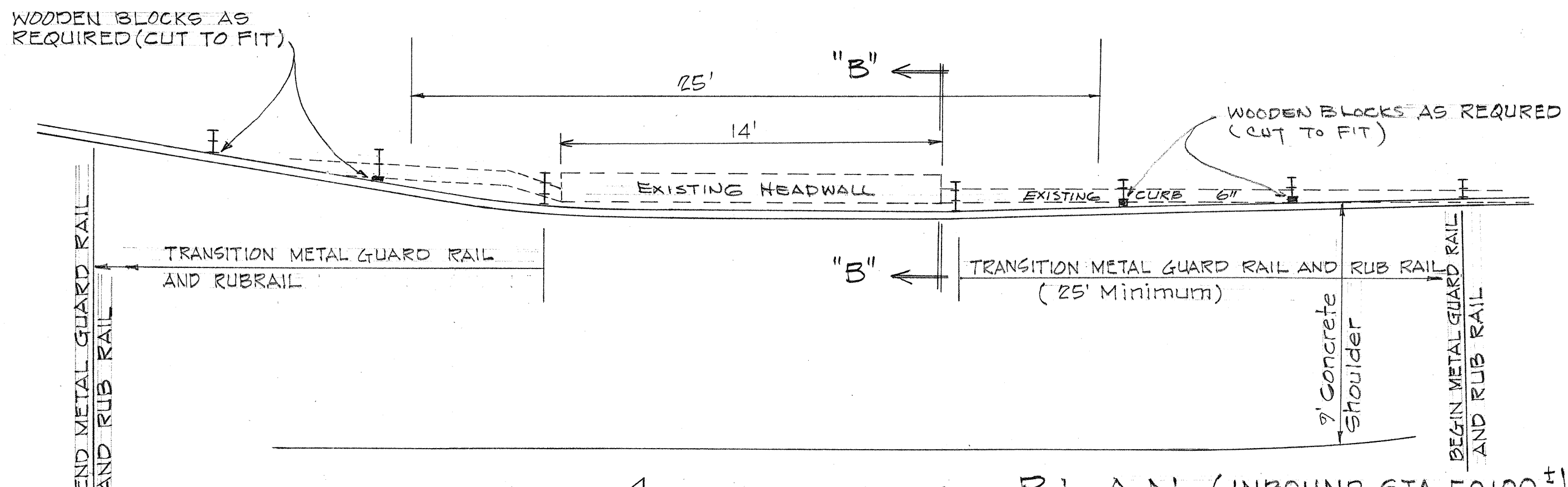
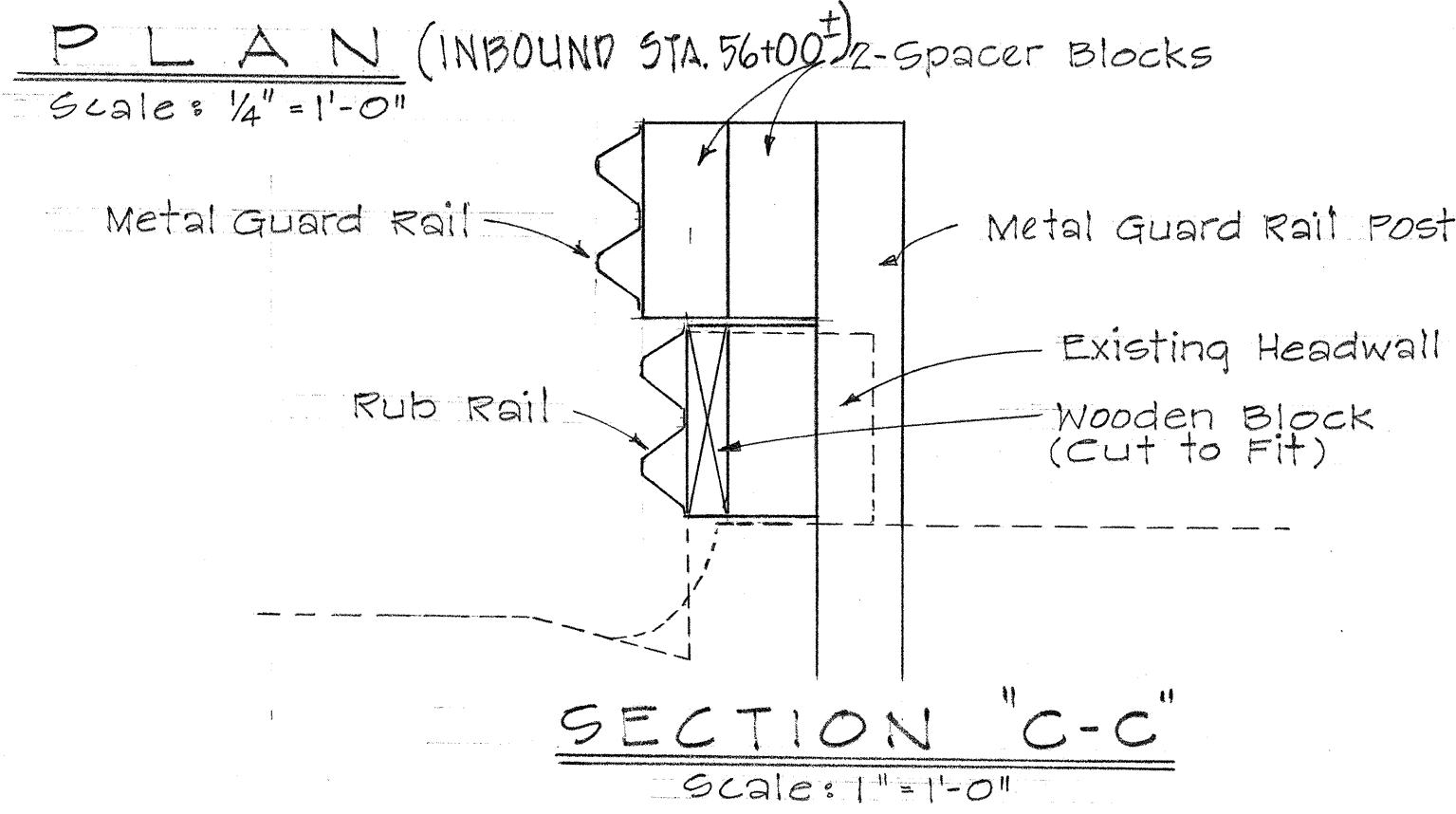
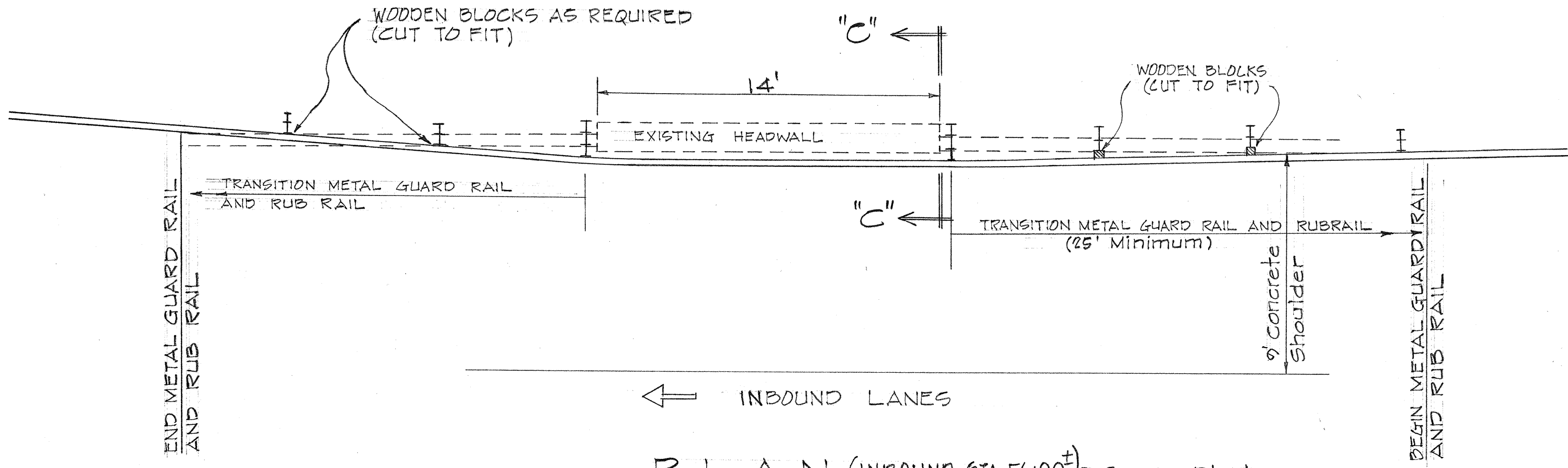
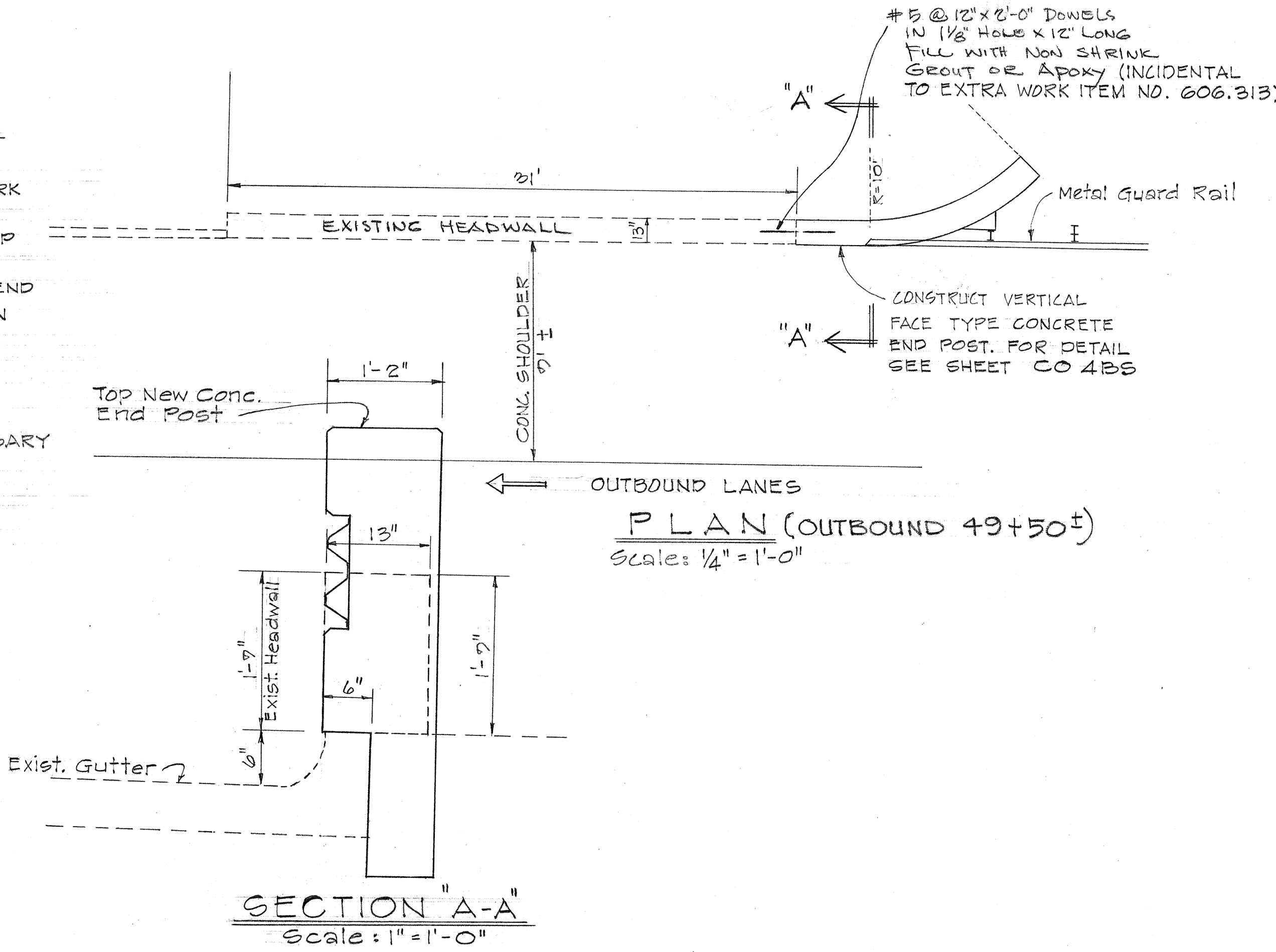


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	61B-05-70	1969	C04AS	11



NOTE

THE CONCRETE END POST SHALL BE CONSTRUCTED AS SHOWN ON SHEET C04AS AND C04BS, AND BE PAID FOR UNDER EXTRA WORK ITEM NO. 606.313 - VERTICAL FACE TYPE CONCRETE END POST, AT AN AGREED LUMP SUM PRICE, WHICH PRICE SHALL BE FULL COMPENSATION FOR CONSTRUCTING THE END POST COMPLETE IN PLACE, AND INCLUDED IN THE WORK SHALL BE ALL EXCAVATION AND BACKFILL, FOR FURNISHING AND PLACING ALL MATERIAL, FOR DRILLING AND GROUTING AND FOR ALL EQUIPMENT, TOOLS, LABOR AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.



1. THE BEGINNING AND END LIMITS OF METAL GUARD RAILS WITH RUB RAIL SHALL BE DETERMINED BY THE ENGINEER.
2. EXTRA SPACER BLOCKS AUGMENTED BY WOODEN BLOCKS OF VARYING THICKNESSES SHALL BE CUT TO FIT AND PLACED IN BACK OF TOPRAIL AND RUB RAIL WHEREVER REQUIRED TO OBTAIN SMOOTH TRANSITIONS TO CONCRETE HEADWALLS.
3. WOODEN BLOCKS SHALL BE GIVEN TWO COATS OF CREOSOTE AND DRIED BEFORE INSTALLING. NON STANDARD LENGTH BOLTS FOR WOODEN BLOCKS SHALL BE DETERMINED IN THE FIELD AND INSTALLED AS REQUIRED.
4. THE GUARD RAIL AND RUB RAIL AT CONCRETE HEADWALLS SHALL BE MEASURED FOR PAYMENT AS SPECIFIED IN SUBSECTION 606.04 OF THE STANDARD SPECIFICATIONS.
5. PAYMENT FOR GUARD RAIL AND RUB RAIL SHALL BE PAID PER LINEAR FEET UNDER EXTRA WORK ITEM NO. 606.312 - GUARD RAIL, TYPE 3 - SINGLE WITH STEEL POST AND RUB RAIL, WHICH PRICE SHALL BE FULL COMPENSATION FOR FURNISHING AND INSTALLING THE GUARD RAIL AND RUB RAIL IN PLACE COMPLETE AND INCLUDED IN THE WORK SHALL BE FOR FURNISHING ALL EXC. AND BACKFILL, FOR FURNISHING ALL MATERIAL, FOR INSTALLING THE GUARD RAIL AND RUB RAIL COMPLETE WITH POSTS, RAILS, SPACER BLOCKS, WOODEN BLOCKS, BOLTS, HEX NUTS, WASHERS, END PIECES, INCLUDING ANY FIELD BENDING AND CUTTING OR RAILS, FIELD DRILLING OF HOLES ON POSTS OR RAIL ELEMENTS AND FOR ALL EQUIPMENT, TOOLS, LABOR AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

REMOVE AND INSTALL GUARD RAILS AND APPURTENANCES ON

PALI HIGHWAY

(CARTERS CORNER TO PALI TUNNEL)

PROJECT NO. 61B-05-70

SHEET No. 1 OF 2 SHEETS

C04AS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

