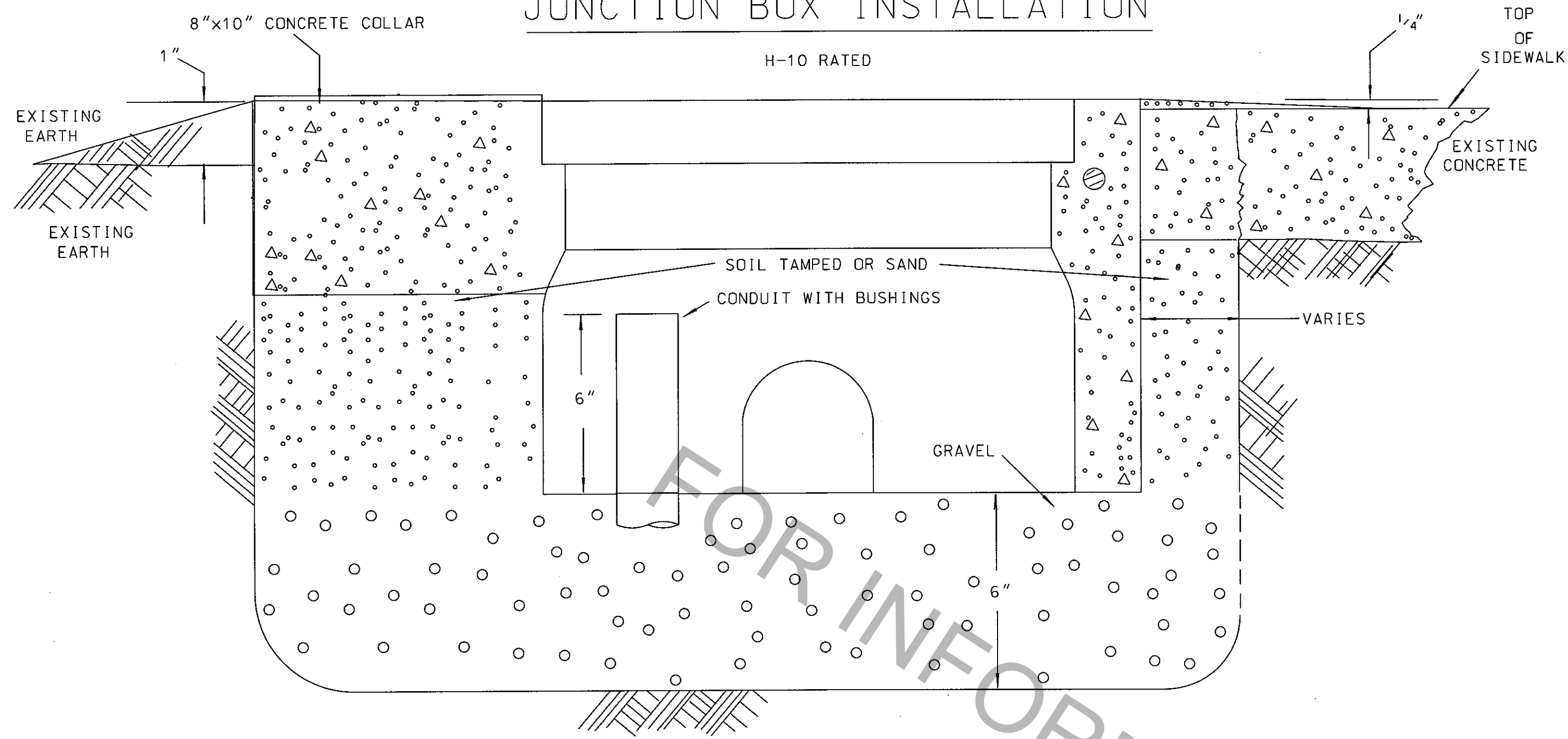


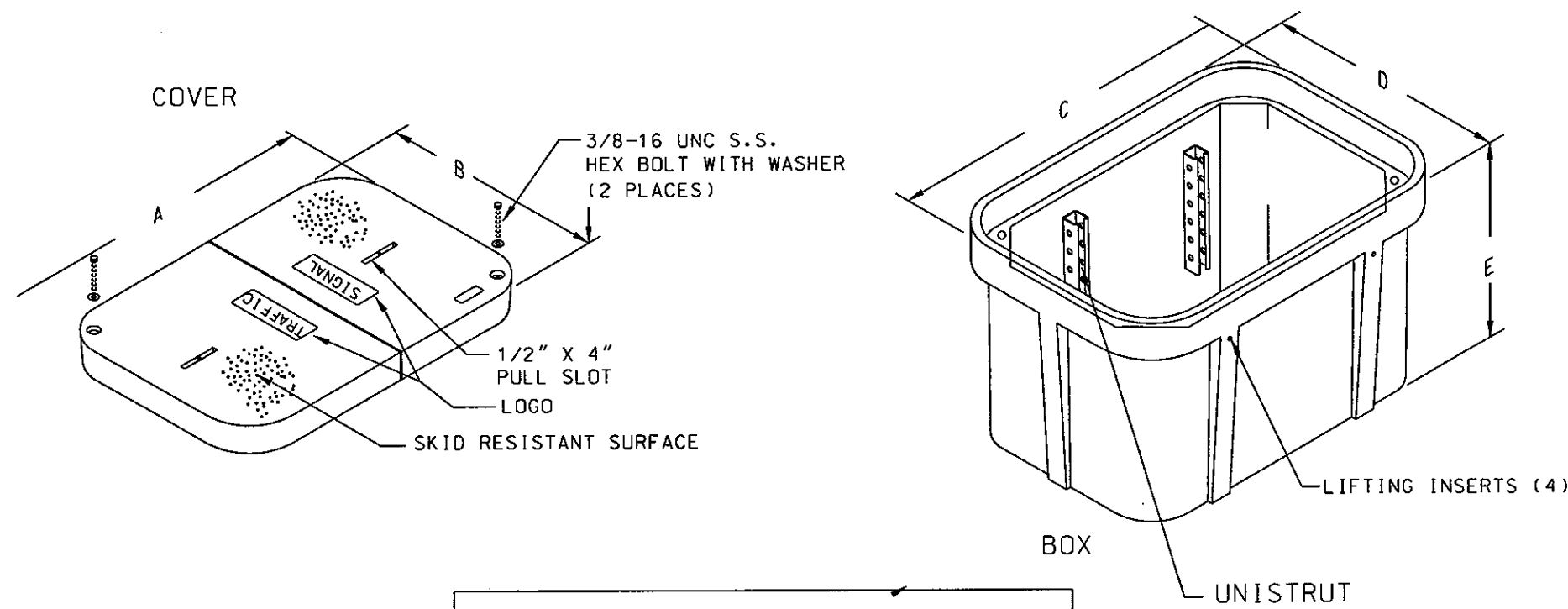
JUNCTION BOX INSTALLATION



NOTE FOR ALL JUNCTION BOXES:

1. TOP OF BOX TO EXTEND 1/4" ABOVE EXISTING SIDEWALK WITH NEW SIDEWALK SLOPED UP TO TOP OF BOX.
2. DO NOT PLACE JUNCTION BOXES IN THE TRAVELED WAY OR ON SHOULDERS.
3. PROVIDE 8" X 10" CONCRETE COLLARS EXCEPT WITHIN CONCRETE PAVED AREAS. CONCRETE COLLARS SHALL BE PROVIDED AROUND THE TOP PERIMETER OF JUNCTION BOX. CONCRETE COLLAR SHALL BE PAID FOR UNDER THE JUNCTION BOX PAY ITEM.

JUNCTION BOX



BOX	A	B	C	D	E
E	23 3/4	13 3/4	25	15 1/2	12
F	30 1/2	17 1/2	32 1/4	19 1/4	12
G	35 5/8	24	37 5/8	26	18
H	35 5/8	24	37 5/8	26	36
I	47 5/8	30 1/8	49 5/8	32 1/8	18
J	47 5/8	30 1/8	49 5/8	32 1/8	36

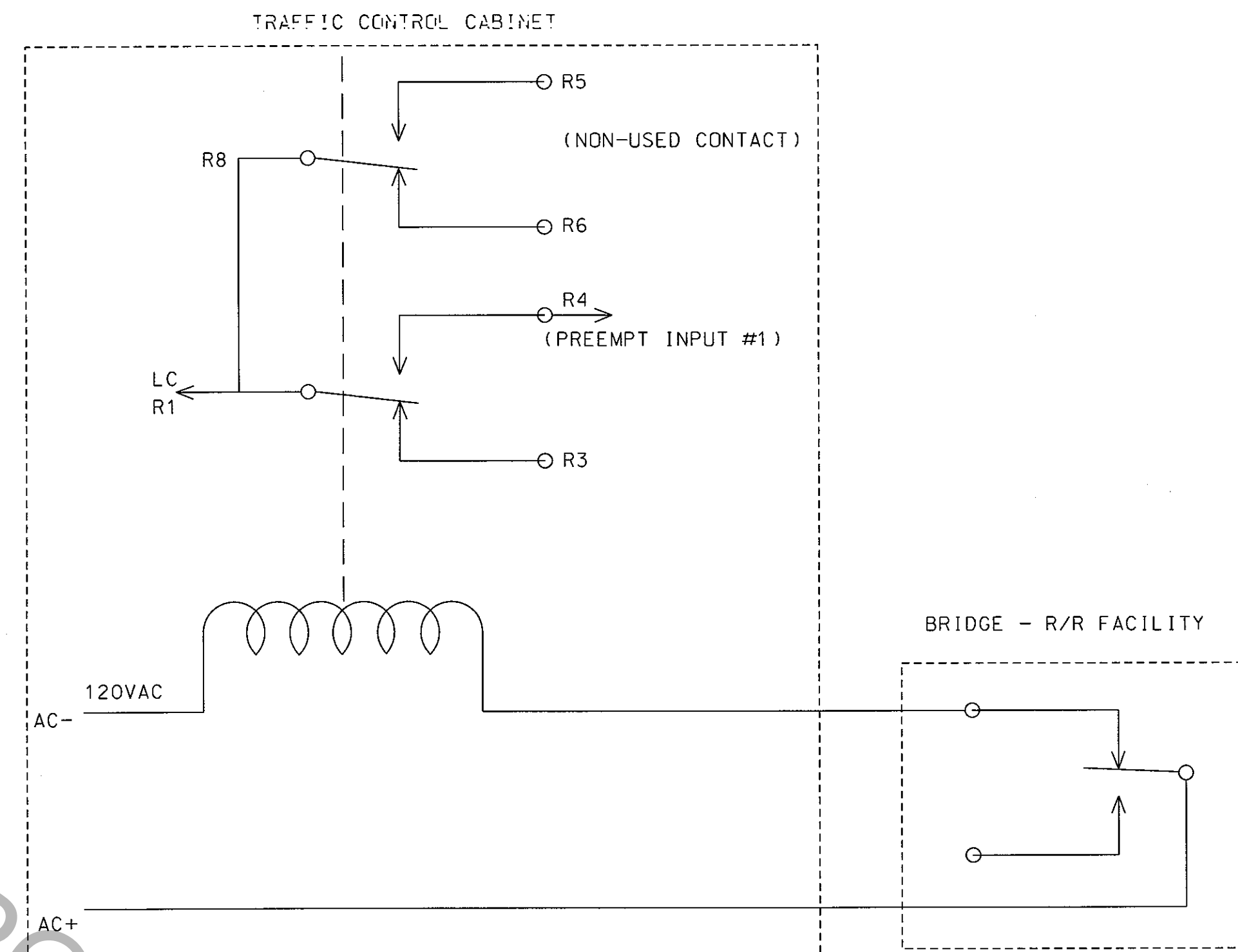
NOTE FOR ALL JUNCTION BOXES:

1. JUNCTION BOX SHALL BE AN APPROVED PRODUCT LISTED ON THE TRAFFIC OPERATIONS APPROVED PRODUCT LIST (TOAPL) USE THE TYPE JUNCTION BOX SHOWN IN PLANS.
2. A MINIMUM OF 6' OF SPARE SIGNAL, LOOP LEAD-IN, 6PR, AND SERVICE CABLE SHALL BE INSTALLED IN EACH JUNCTION BOX.
3. "TRAFFIC SIGNAL" SHALL BE IMPRINTED ON THE JUNCTION BOX BY THE MANUFACTURER.

*** NOTE FOR TYPE G, H, I AND J JUNCTION BOXES:**

1. TWO PIECE COVER.
2. TWO PIECES OF UNISTRUT MOUNTED ON INSIDE WALL.
3. LIFTING INSERTS ON OUTSIDE OF BOX.
4. PROJECTS WITH FIBER OPTIC COMMUNICATION: INSTALL A MINIMUM OF 50' SPARE FIBER IN TYPE "GG" AND 100' SPARE FIBER IN LARGER JUNCTION BOXES.

BRIDGE/RAILROAD PREEMPTION



NOTE:

1. RELAYS SHOWN IN NORMAL (NON-PREEMPT) CONDITION
2. PREEMPT RELAY - 2 POLE DOUBLE THROW
3. LC = LOGIC GROUND



SHEET NUMBER	PARISH	DESIGNED	S. MCCARROLL	DATE	04/12/2017
	FEDERAL PROJECT	CHECKED	D. LORIO	SHEET	13 of 14
	STATE PROJECT	DETAILED	S. MCCARROLL	BY	
		CHECKED	L. WANG	REVISION DESCRIPTION	
				NO.	
				DATE	
TRAFFIC SIGNAL STANDARD DETAILS					
JUNCTION BOX AND PULL BOX					
TSD-12					
TRAFFIC ENGINEERING					