

## ADVANCED DETECTION LOOP DISTANCE TABLE

APPROACH SPEED		DISTANCE FROM INTERSECTION
MPH	KM/HR	FEET
35	56	254
40	64	284
45	72	327
50	80	353
55	88	386

# **LEGEND**

CONTROLLER AND CABINET	🗖
ELECTRICAL CONDUIT AND PULL BOX.	. – – – 🛛 – – – – –
LOOP DETECTOR	. EEEEEEEE
PULLBOX (SPECIAL)	. •
MICRO DETECTOR	. 🛇

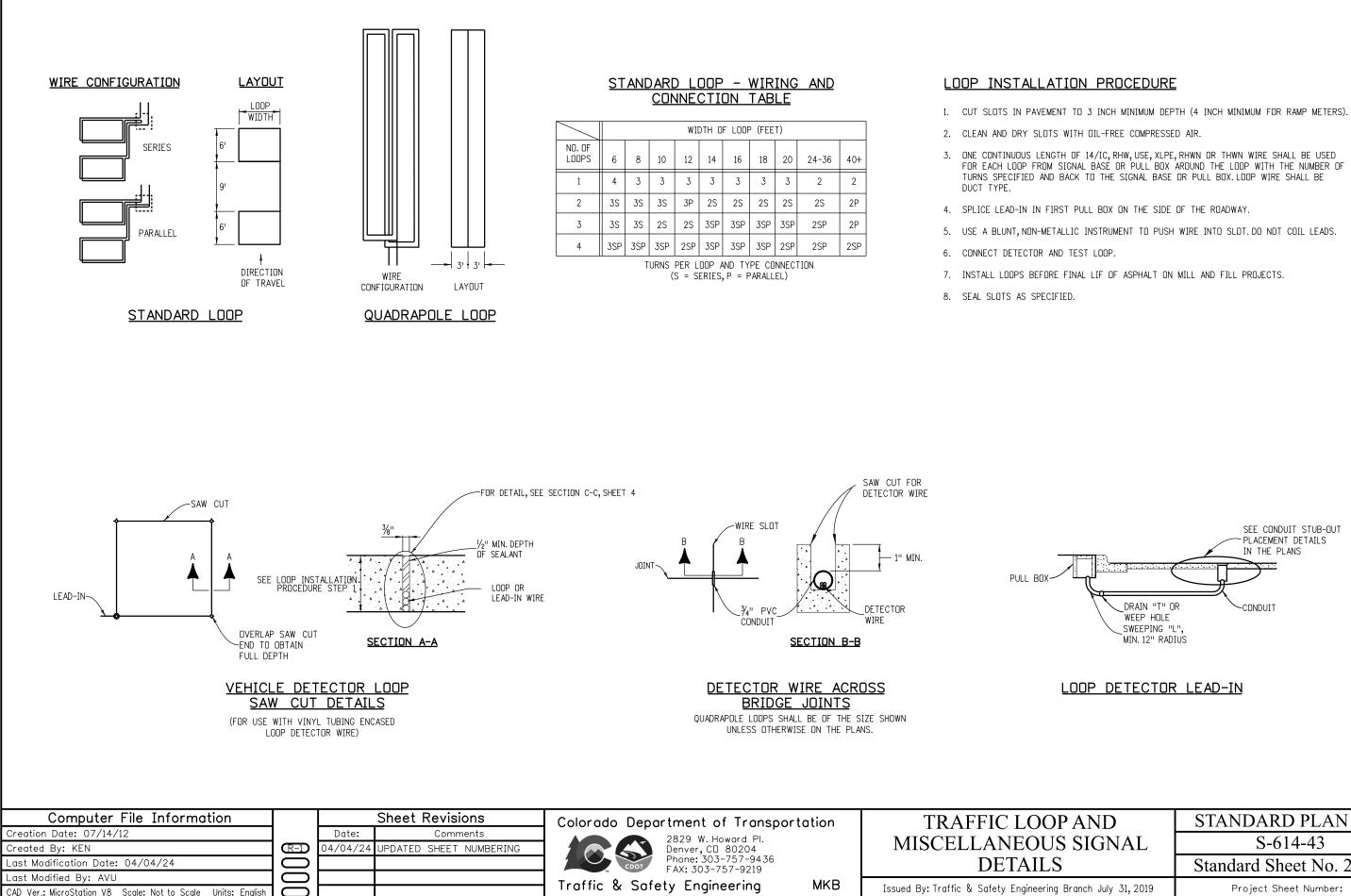
1. ALL PULL BOXES ARE NOT TO BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONDUIT. EXCEPT FOR WHERE CALLED OUT IN THE PLANS.

 ALL PULL BOXES PLACED FOR THE "ADVANCED DETECTION WIRING" SHALL BE PLACED APPROXIMATELY EVERY 100 FEET AND SHALL BE INCLUDED IN THE COST OF THE CONDUIT.

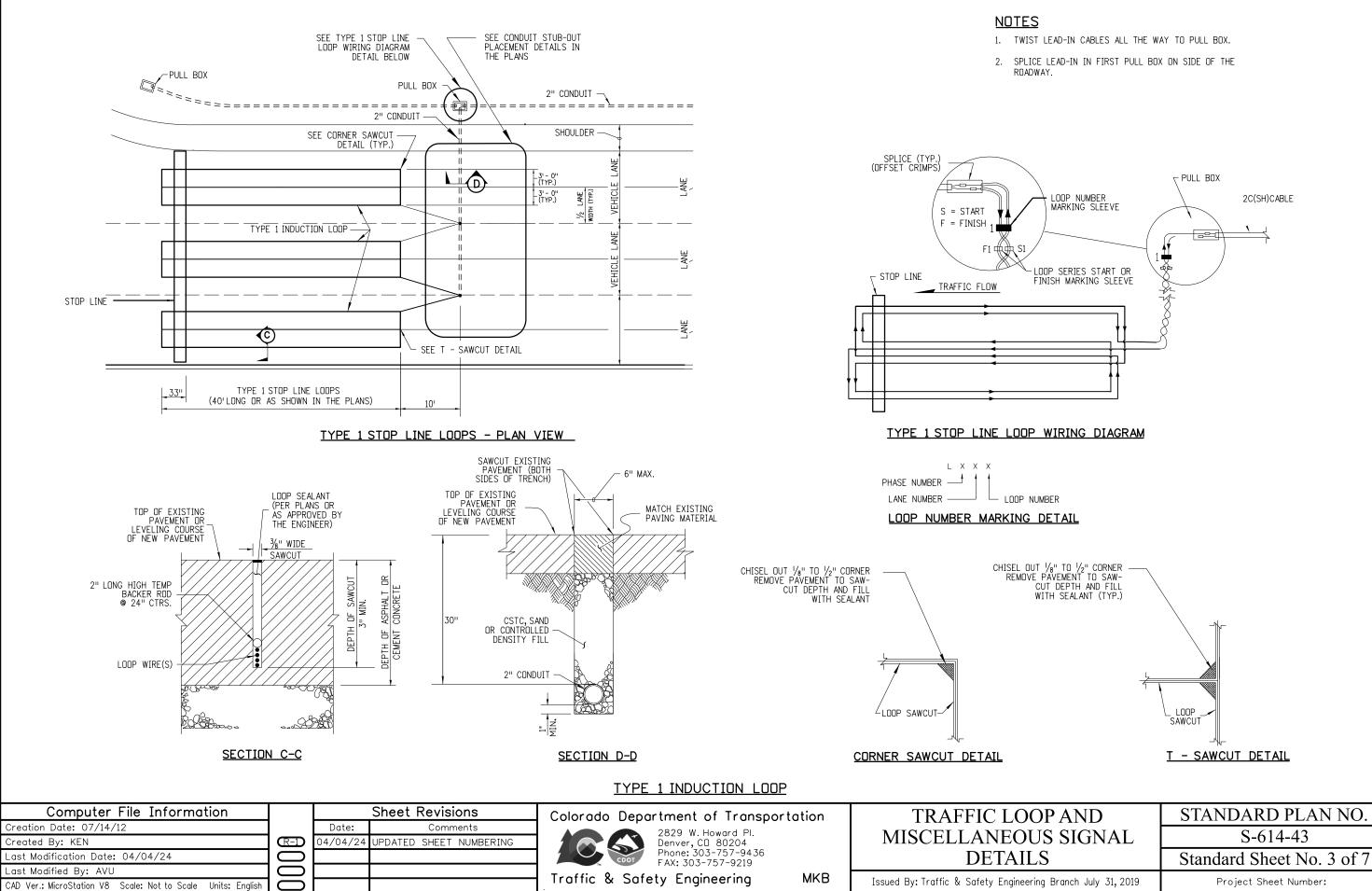
3. FOR LAYOUT OF LOOP DETECTORS AND CONDUIT, THE CONTRACTOR SHALL NOTIFY CDOT REGION TRAFFIC ENGINEERS, TWO WORKING DAYS IN ADVANCE.

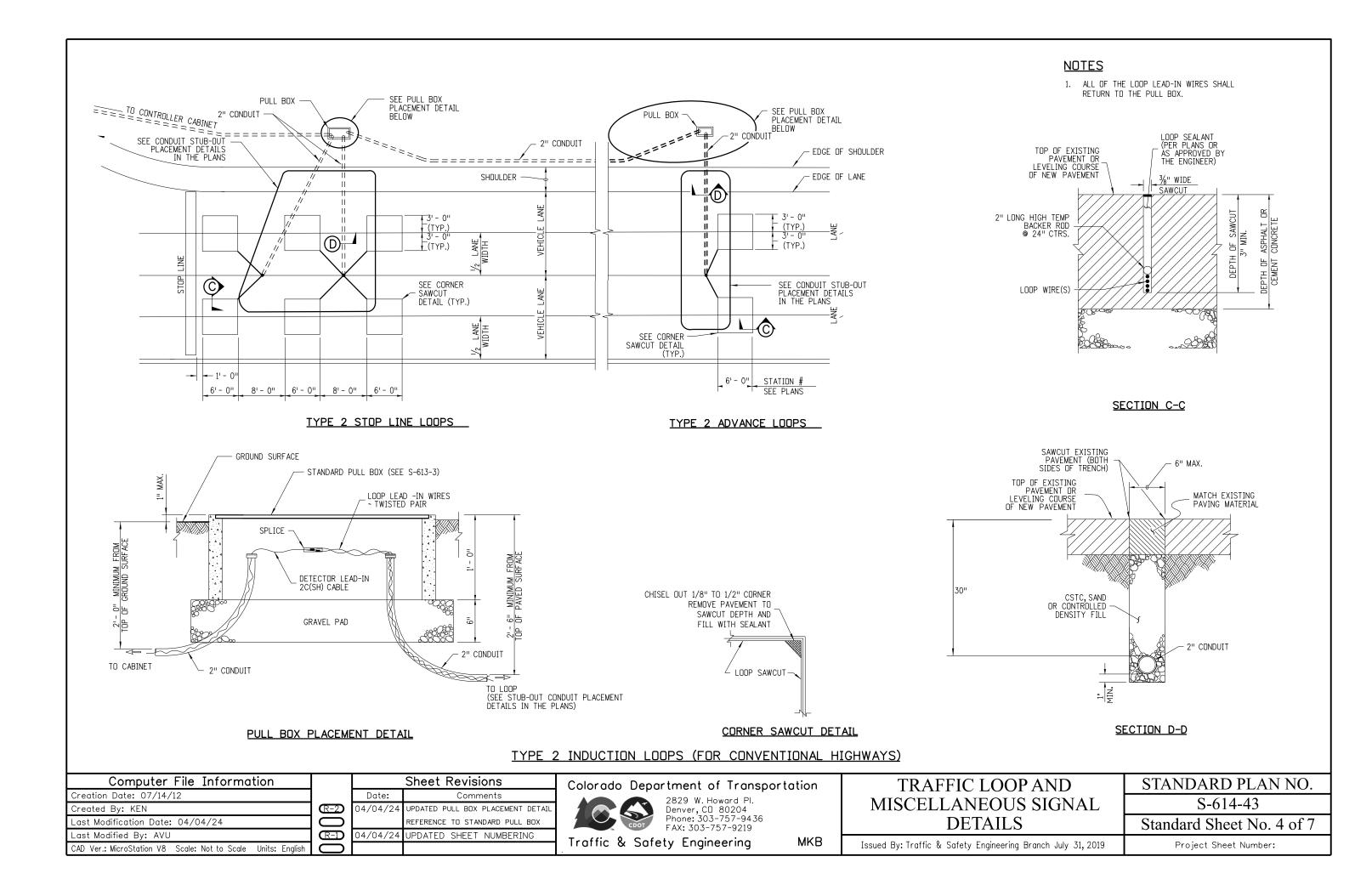
4. SEE PLANS FOR ACTUAL LANE CONFIGURATIONS.

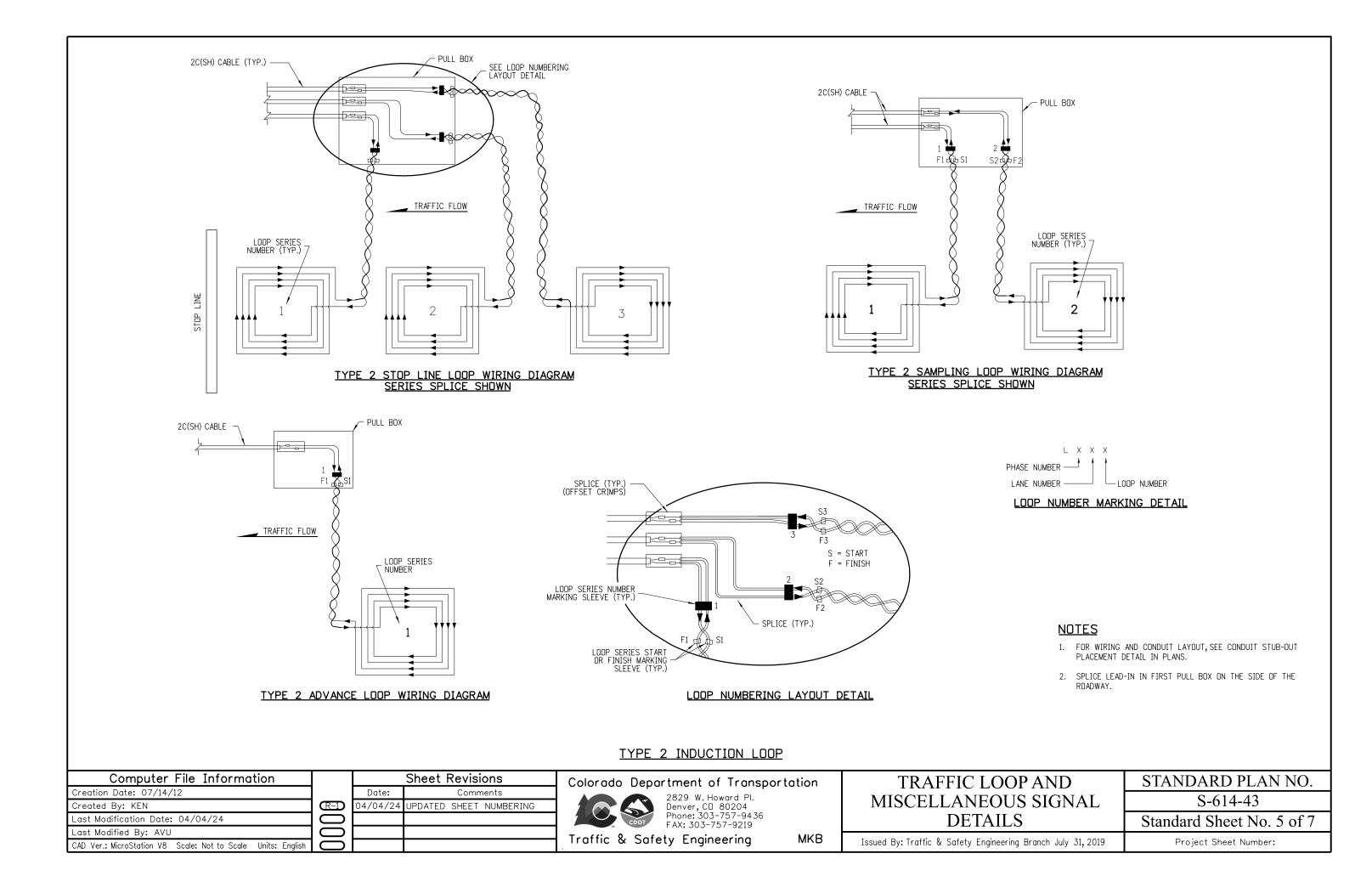
OP AND	STANDARD PLAN NO.
US SIGNAL	S-614-43
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ering Branch July 31, 2019	Project Sheet Number:

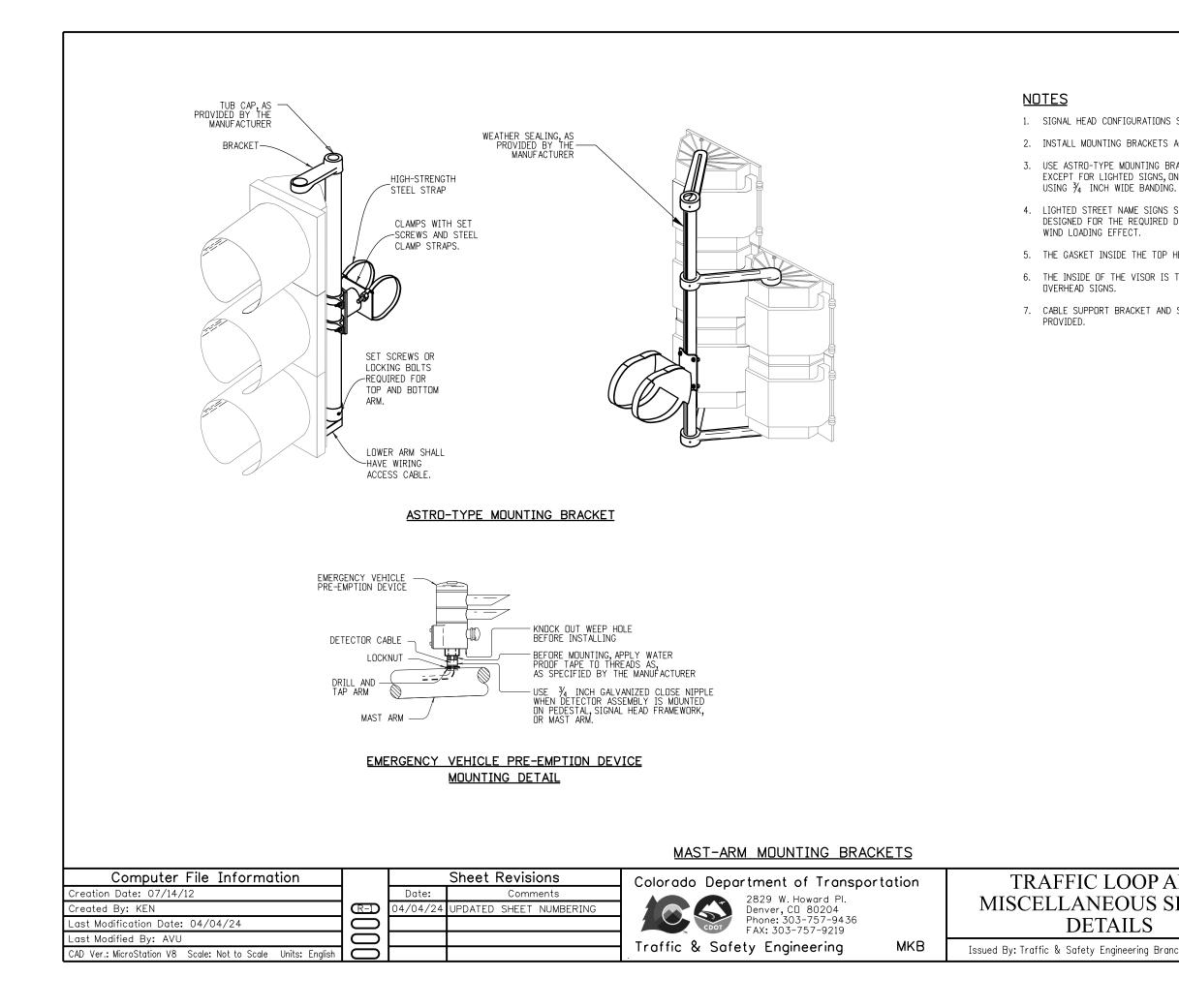


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1. SIGNAL HEAD CONFIGURATIONS SHALL BE AS SHOWN ON PLANS.

2. INSTALL MOUNTING BRACKETS ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.

3. USE ASTRD-TYPE MOUNTING BRACKETS FOR MOUNTING EXCEPT FOR LIGHTED SIGNS, ON MAST ARMS, SEE STANDARD PLAN 5-614-20,

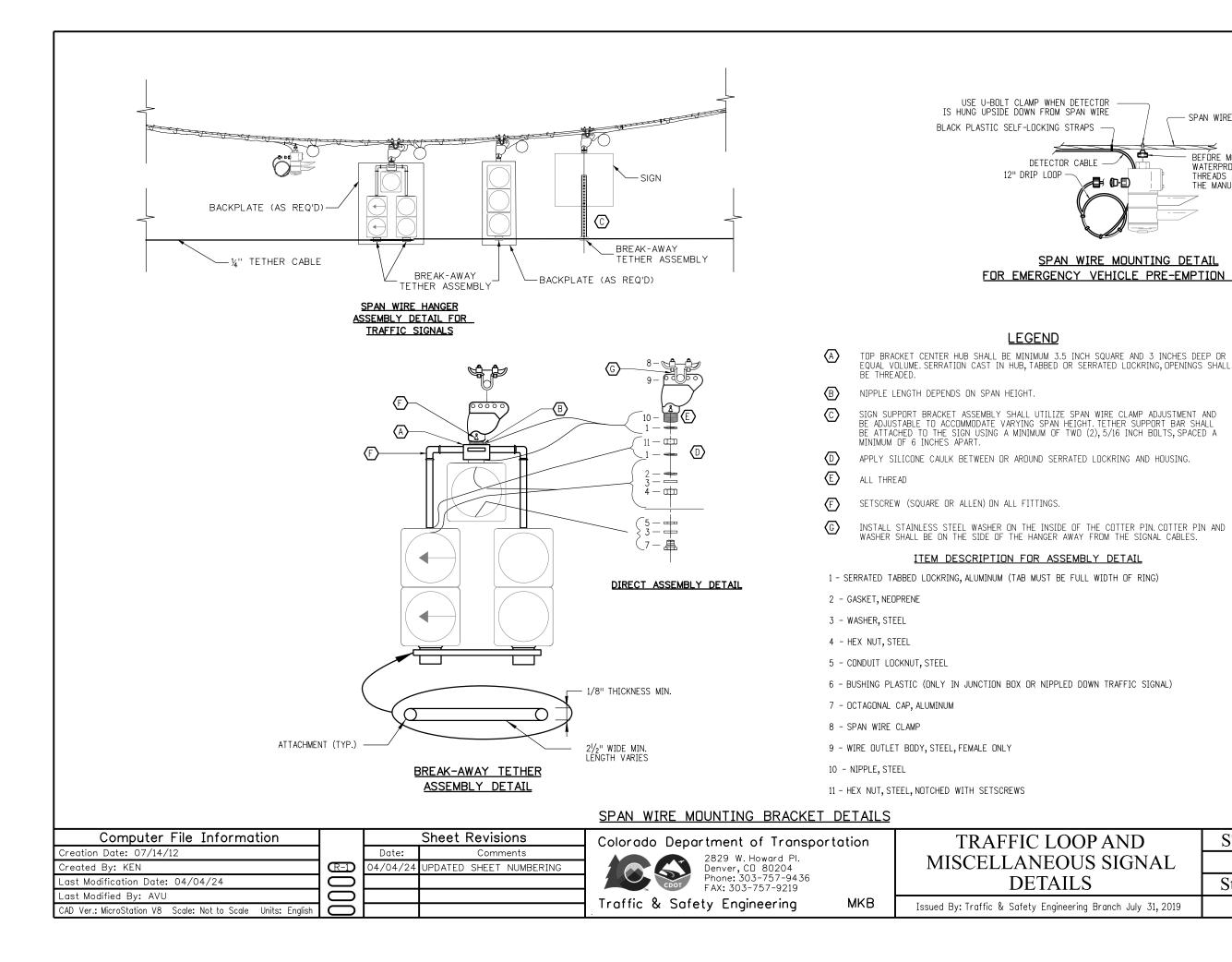
4. LIGHTED STREET NAME SIGNS SHALL UTILIZE ASTRO-TYPE DESIGNED FOR THE REQUIRED DESIGN LOADING AND BE FREE-SWINGING TO REDUCE

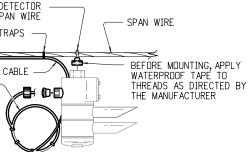
5. THE GASKET INSIDE THE TOP HEAD MOUNT SHOULD BE INSIDE THE HEAD.

6. THE INSIDE OF THE VISOR IS TO BE POWDER COATED BLACK MOUNTING BRACKETS

7. CABLE SUPPORT BRACKET AND SAFETY CABLE FROM MAST ARM TO HEAD SHALL BE

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### SPAN WIRE MOUNTING DETAIL FOR EMERGENCY VEHICLE PRE-EMPTION DEVICE

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