

RULE NO.: R161-22.02

NOTICE OF PROPOSED RULE

POSTING DATE: January 12, 2022

The Director of the Austin Transportation Department proposes to adopt the following rule on or after February 14, 2022.

Comments on the proposed rule are requested from the public.

EFFECTIVE DATE OF PROPOSED RULE

A rule proposed in this notice may not become effective before the effective date established by a separate notice of rule adoption. A notice of rule adoption may not be posted before February 14, 2022 (the 32nd day after the date of this notice) or not after March 23, 2022 (the 70th day after the date of this notice).

If a proposed rule is not adopted on or before March 23, 2022, it is automatically withdrawn and cannot be adopted without first posting a new notice of a proposed rule.

REQUEST FOR COMMENTS ON PROPOSED RULES

The City requests comments from the public with respect to the proposed rules included in this Notice. Comments must be submitted in writing to the contact person below no later than February 14, 2022 (the 32nd day after the date of this notice).

Contact Person:

Brian D. Van De Walle
Austin Transportation Department

U.S. Mail

Brian D. Van De Walle
Austin Transportation - AMD
8900 Cameron Road
Austin, TX 78754

Email:

brian.vandewalle@austintexas.gov

Phone:

512-974-3958

TEXT OF PROPOSED RULE

The text of the proposed rule, indicated changes from the current text, is attached to this notice.

BRIEF EXPLANATION OF PROPOSED RULE

R161-22.02 : Proposed revisions to the Standards Manual

- Standard No. 830S-1, Foundation Details for Base Mounted Controller Cabinet. Standard No. 830S-1, Sheets 1 of 2 and 2 of 2 have been revised to show four each of 4 inch PVC Conduits in the Controller Cabinet Foundation to be used for traffic signal wiring. Additional details and dimensions are provided to reduce confusion on how these foundations are to be constructed. This update is necessary to reflect current practices on traffic signals operated and maintained by the City of Austin.
- New Standard No. 839S-6 "Pedestrian and Vehicular Signal Installation Detail" is being added to show typical wiring for various devices on a traffic signal pole, including the type of wire to run from the signal controller to the pole and the number of PVC conduit runs are to be installed going into the signal pole foundation.
- New Standard No. 839S-7 "Pedestrian and Vehicular Signal Installation Detail" is being added to show the wiring color chart to be used when terminating the signal wiring to the terminal strip in the base of the signal pole.

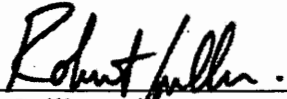
AUTHORITY FOR ADOPTION OF PROPOSED RULE

The authority and procedure for adoption of a rule to assist in the implementation, administration, or enforcement of a provision of the City Code is provided in Chapter 1-2 of the City Code. The authority to regulate construction requirements is established in Section 1-2-1 and Section 1-2-7 of the City Code.

CERTIFICATION BY CITY ATTORNEY

By signing this Notice of Proposed Rule R161-22.02, the City Attorney certifies the City Attorney has reviewed the rule and finds that adoption of the rule is a valid exercise of the Director's administrative authority.

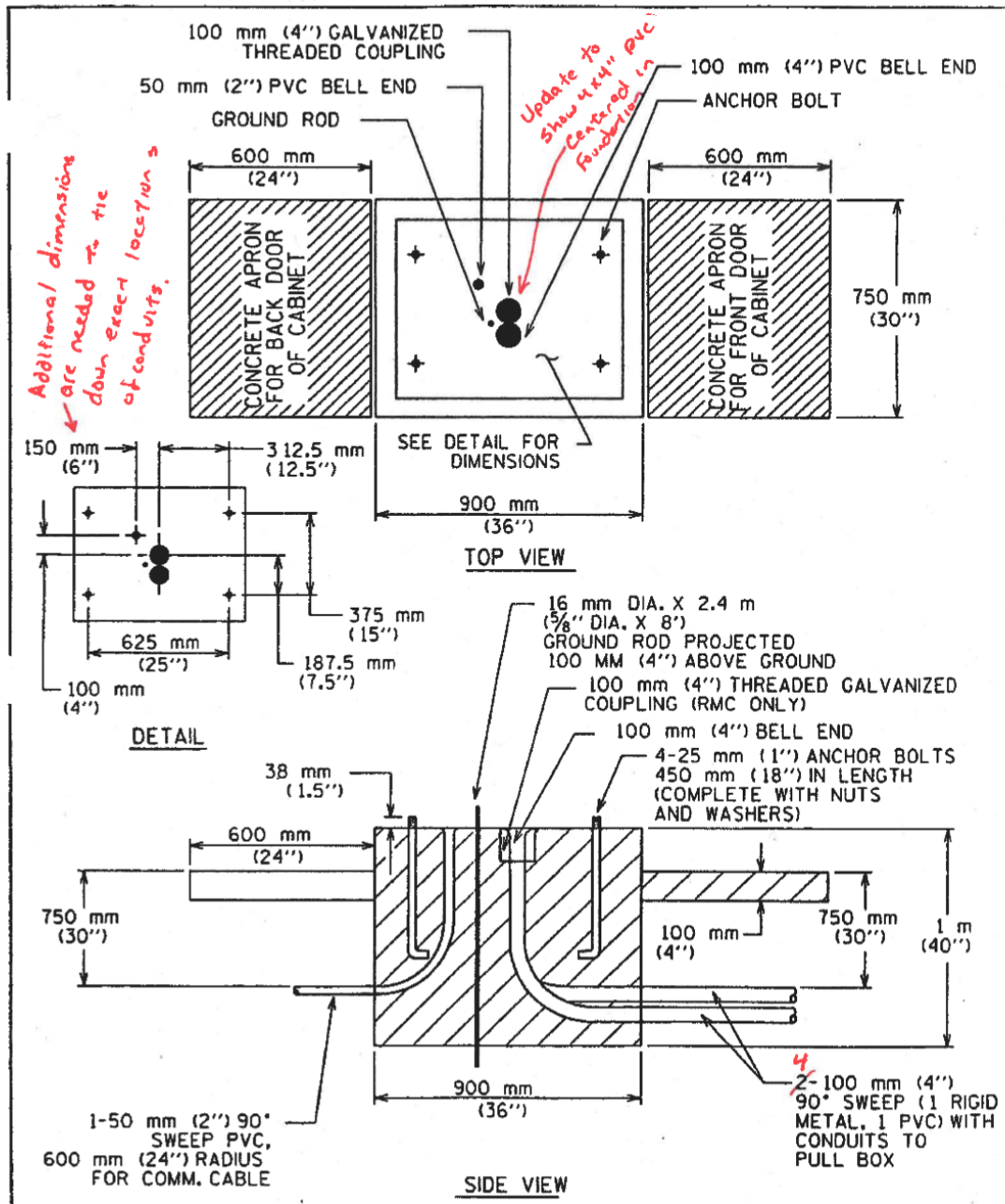
REVIEWED AND APPROVED


Rob Spillar, Director
Austin Transportation Department

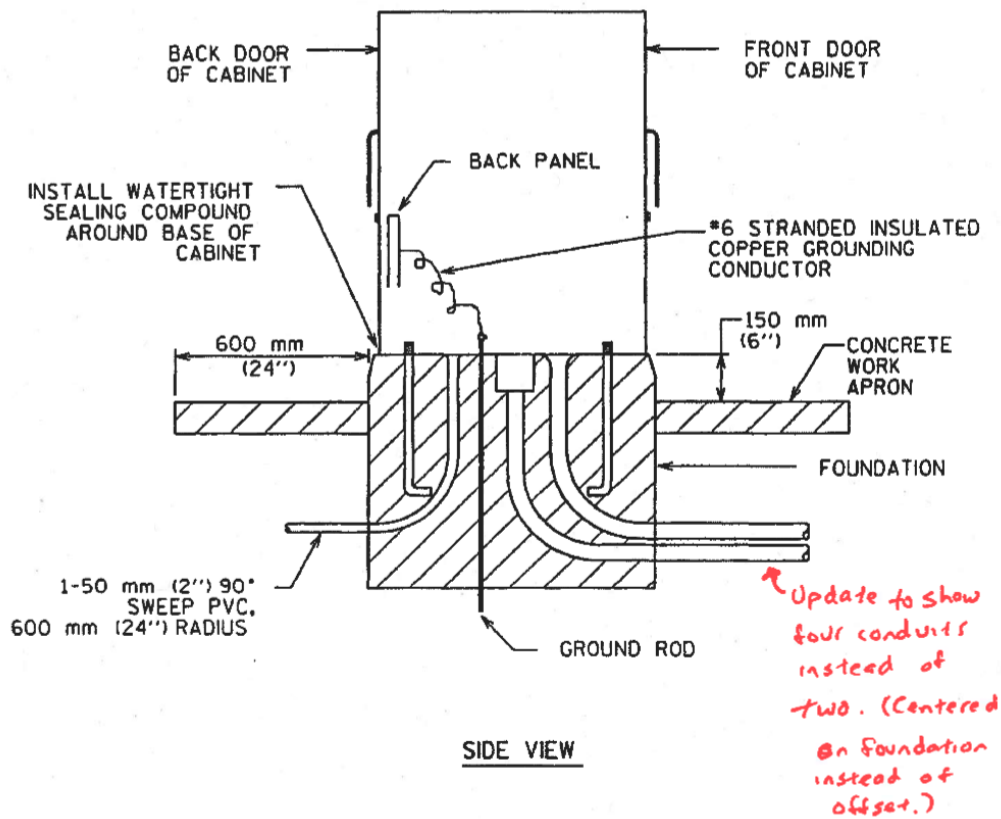
Date: January 4, 2022


Deborah Thomas
Acting City Attorney

Date: January 12, 2022

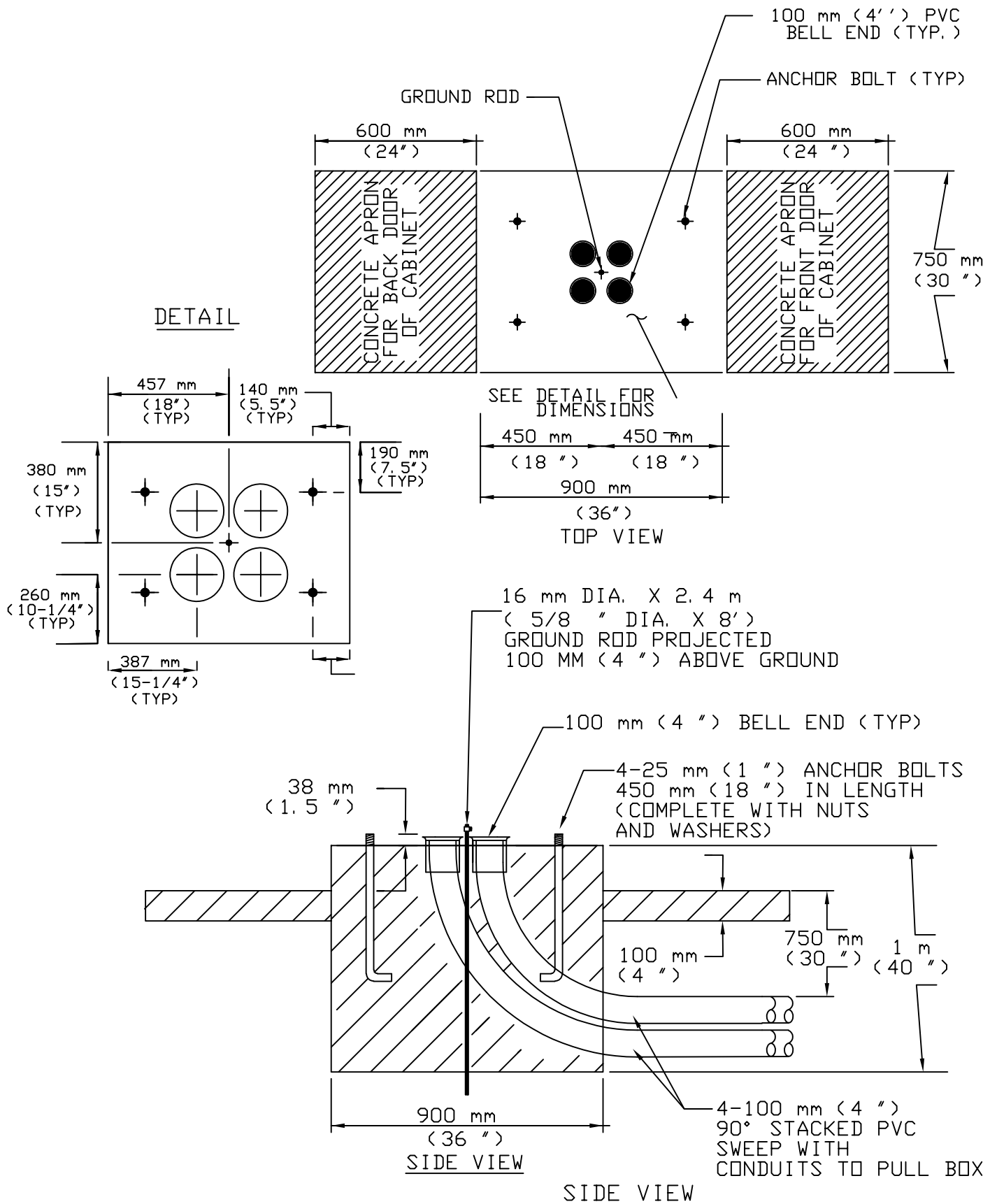


CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS	FOUNDATION DETAILS FOR BASE MOUNTED CONTROLLER CABINET	
<i>Sean Bailey, P.E. 9/17/01</i> ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 830S-1 1 OF 2



NOTE:
ALL PORTLAND CEMENT CONCRETE SHALL BE CLASS A
AS DEFINED IN STANDARD SPECIFICATION ITEM 360 "CONCRETE PAVEMENT".

CITY OF AUSTIN DEPARTMENT OF PUBLIC WORKS	FOUNDATION DETAILS FOR BASE MOUNTED CONTROLLER CABINET	
Leon Barba, P.E. 9/17/01 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. 830S-1 2 OF 2



CITY OF AUSTIN
DEPARTMENT OF PUBLIC WORKS

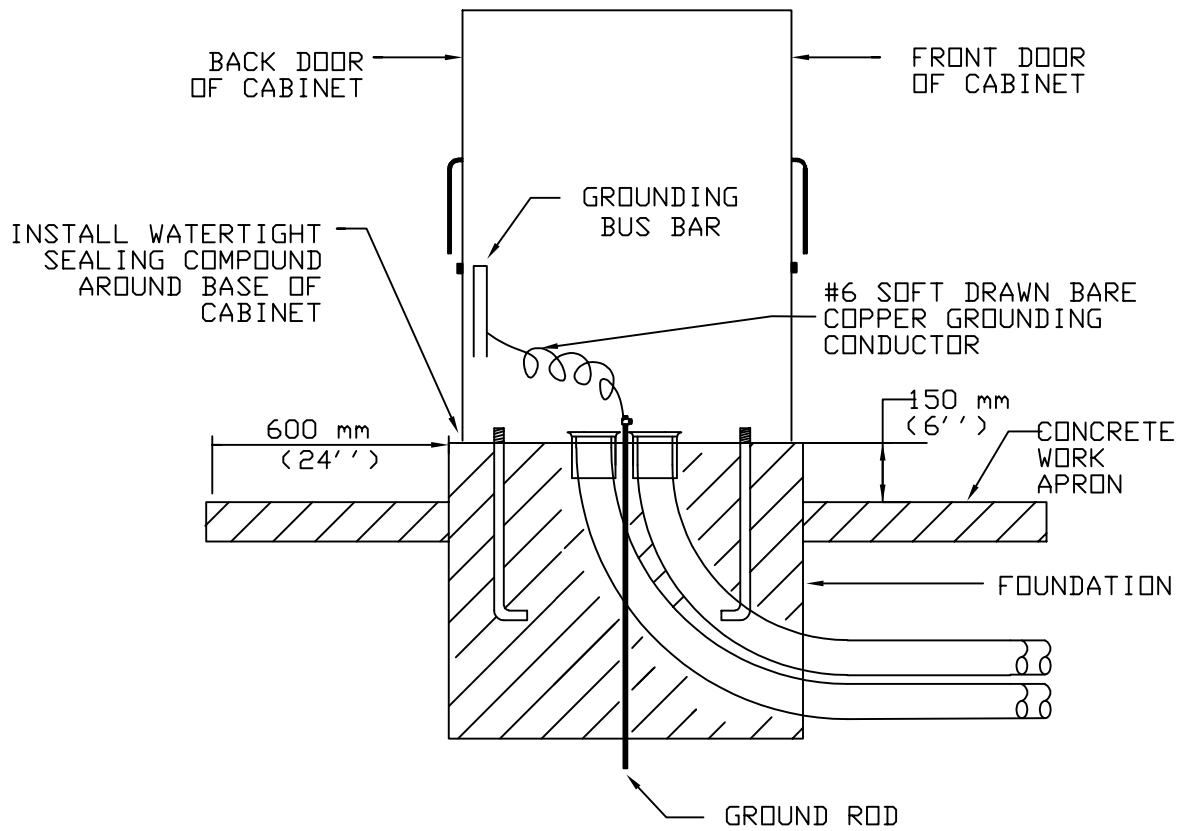
FOUNDATION DETAILS FOR
BASE MOUNTED CONTROLLER CABINET

RECORD COPY SIGNED
BY FNAME LNAME

XX/XX/21
ADOPTED

THE ARCHITECT/ENGINEER ASSUMES
RESPONSIBILITY FOR APPROPRIATE
USE OF THIS STANDARD.

STANDARD NO.
830S-1
1 OF 2



SIDE VIEW

NOTE:
ALL PORTLAND CEMENT CONCRETE SHALL BE CLASS A
AS DEFINED IN STANDARD SPECIFICATION ITEM 360 "CONCRETE PAVEMENT".

CITY OF AUSTIN
DEPARTMENT OF PUBLIC WORKS

FOUNDATION DETAILS FOR
BASE MOUNTED CONTROLLER CABINET

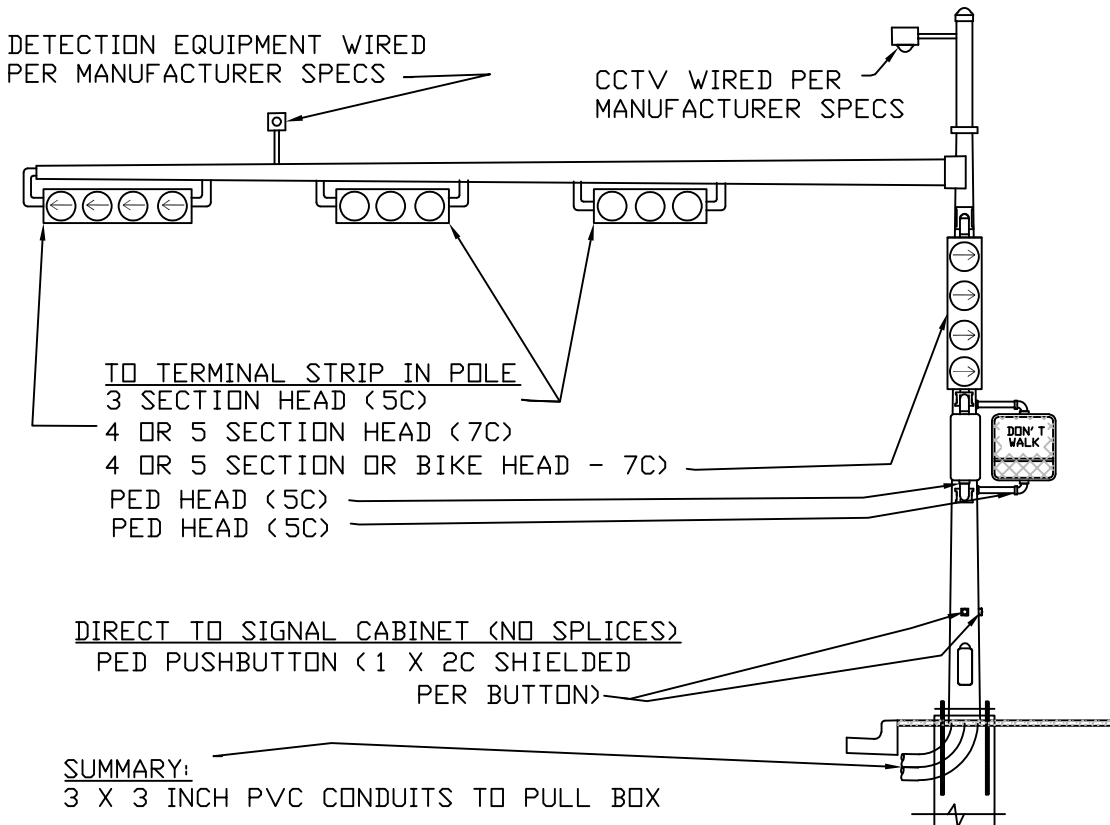
**RECORD COPY SIGNED
BY FNAME LNAME**

XX/XX/21
ADOPTED

THE ARCHITECT/ENGINEER ASSUMES
RESPONSIBILITY FOR APPROPRIATE
USE OF THIS STANDARD.

STANDARD NO.

830S-1
2 OF 2



CITY OF AUSTIN

DEPARTMENT OF PUBLIC WORKS

RECORD COPY SIGNED
BY FNAME LNAME

XX/XX/21

ADOPTED

PEDESTRIAN AND VEHICULAR SIGNAL INSTALLATION DETAIL

THE ARCHITECT/ENGINEER ASSUMES
RESPONSIBILITY FOR APPROPRIATE
USE OF THIS STANDARD.

STANDARD NO.

839S-6

UPDATED - 10/25/21

Terminal #	Conductor Color	Signal Direction	Signal Colors	SINGLE MAST ARM WIRING							
				LEFT TURNS			THRUS (3 SECTION)	RIGHT TURNS (FYA)	NEARSIDE (3 SECTION)	Ped P1 N/S	Ped P2 E/W
							7C			5C	7C
Head ID Numbers (As Shown on Plans)											
1	Red/White	Thru	Red				Red				
2	Blue/White		Yellow				Black				
3	Green/White		Green				Green				
4	White	Neutral					White				
5	Red	Left Turns FYA	<-- R	Red	Red	Red					
6	Orange		<-- Y	Orange	Yellow	Orange					
7	Black		FYA	Black	<-- Y	Black					
8	Blue		Spare		<-- G	Blue					
9	Green		<-- G	Green	Green	Green					
10	NEUTRAL JUMPER			White							
11	Red/Black	N/S Peds	Don't Walk							Red	
12	Green/Black		Walk							Green	
13	Black/White	E/W Peds	Don't Walk								Red
14	Blue/Black		Walk								Green
15	NEUTRAL JUMPER									White	White
16	Red/Green	Nearside	Red						Red		
17	Orange/Red		Yellow						Black		
18	Blue/Red		Green						Green		
19	NEUTRAL JUMPER								White		
20	White/Red	Spare / Right Turn FYA	R -->					Red			
21	Orange/Black		Y -->					Orange			
22	White/Black		FYA					Black			
23	Black/Red		G -->					Green			
24	NEUTRAL JUMPER							White			

NOTES: - CONTRACTOR SHALL LAND ALL CONDUCTORS FROM THE 20C CABLE TO THE LEFT SIDE OF TERMINAL STRIP
- SPARE CONDUCTORS TO BE LEFT AS LONG AS THE LONGEST CONDUCTOR USED FOR THAT WIRE
- BEFORE INSTALLING THE FINAL WIRING, MEET WITH THE CITY SIGNAL SUPERINTENDANT TO DISCUSS ANY FIELD CHANGES

CITY OF AUSTIN		PEDESTRIAN AND VEHICULAR SIGNAL	
DEPARTMENT OF PUBLIC WORKS		INSTALLATION DETAIL	
RECORD COPY SIGNED BY FNAME LNAME XX/XX/21 ADOPTED		THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	
		STANDARD NO. 839S-7	