

CITY OF TACOMA Public Works Engineering

ADDENDUM NO. 03 **DATE**: 08/03/21

REVISIONS TO: Request for Bids Specification No. PW20-0015F Revitalizing Tacoma's Brewery District

NOTICE TO ALL BIDDERS:

This addendum is issued to clarify, revise, add to or delete from, the original specification documents for the above project. This addendum, as integrated with the original specification documents, shall form the specification documents. The noted revisions shall take precedence over previously issued specification documents and shall become part of this contract.

REVISIONS TO THE SUBMITTAL DEADLINE:

The submittal deadline is unchanged.

REVISIONS TO THE PLANS:

Replace Plan Sheet SG-01 in its entirety, as attached.

NOTE: Acknowledge receipt of this addendum by initialing the corresponding space as indicated on the proposal page. Vendors who have already submitted their bid/proposal may contact the Purchasing Division at 253-502-8468 and request return of their bid/proposal for acknowledgment and re-submittal. Or, a letter acknowledging receipt of this addendum may be submitted in an envelope marked Request for Bids Specification No. PW20-0015F Addendum No. 03. The City reserves the right to reject any and all bids, including, in certain circumstances, for failure to appropriately acknowledge this addendum.

cc: Nick Correll / Public Works Engineering

Form No. SPEC-220A Revised: 07/30/2015

City of Tacoma

Revitalizing Tacoma's Brewery District

PW20-0015F

Questions & Answers

1. Bid item P3, Power Utility Vault per each, and plan sheet PW1 - I find no size or type of vault called out. What size vault is to be furnished and installed?

The type of 10' x 20' vault is specified in Special Provisions Section 8-40.2, the Power Standards Appendix in Volume II of the Standard Specifications Package has the power standards and detail drawings quoted in Section 8-40 of the Special Provisions.

2. On plan sheet SG-01, construction notes (2) & (4) call for 35' mast arms on the signal poles, yet plan sheet SG-04, the signal detail chart calls for 30' mast arms. Which is correct?

The signal detail chart specifying 30 feet mast arms is correct. Please see replaced plan sheet SG-01 included in Addendum 03.

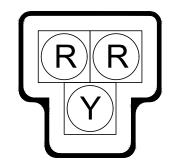
3. Plan sheet SG-01, construction notes (2) & (4) call for new LED roadway fixtures, yet no wattage is specified?

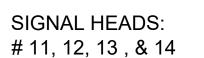
Luminaires shall be 400WEQ. Please see replaced plan sheet SG-01 included in Addendum 03.

VIDEO DETECTION

DETECTOR	PHASE(S)	ZONES COVERED
VX	ALL	STOPBAR

SIGNAL DISPLAYS







PEDESTRIAN HEADS: # 28, 29, 28, & 29

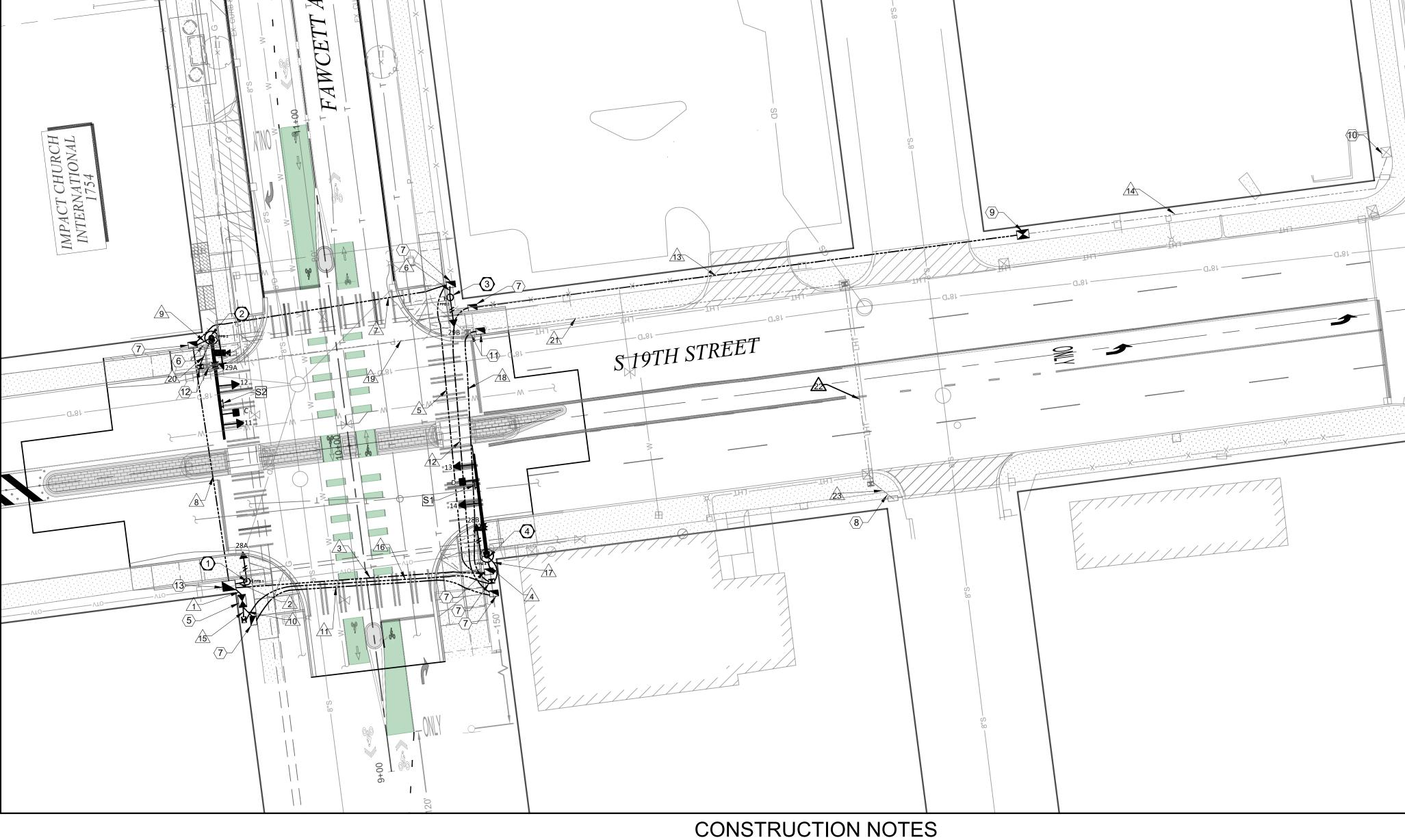
SIGNS

CROSSWALK STOP ON FLASHING RED • THEN PROCEED IF CLEAR

S1, S2

PRE-EMPTION SCHEDULE

CIRCUIT PHASE(S) W



<u>LEGEND</u>

DESCRIPTION	<u>SYMBOL</u>
CONSTRUCTION NOTE	\(\# \)
SIGNAL POLE CONSTRUCTION NOTE	#
WIRE NOTE	_#\
TYPE PPB POST W/PUSHBUTTON(S)	⊢ ↓
SIGNAL POLE WITH MAST ARM	
TYPE 1 SIGNAL POLE	\otimes
VEHICLE SIGNAL HEAD	
PEDESTRIAN SIGNAL HEAD	
EMERGENCY PREEMPTION DETECTOR	
EXISTING STRAIN POLE (WITH LUMINAIRE)	(<u>X</u> H X X
MAST ARM MOUNTED SIGN	$\overline{}$
PEDESTRIAN PUSHBUTTON	\dashv
VIDEO DETECTION CAMERA	
TYPE 1 JUNCTION BOX	\blacksquare
TYPE 2 JUNCTION BOX	
PULL BOX	
EXISTING JUNCTION BOX	k. 4
CONTROLLER CABINET	
SERVICE PEDESTAL	



CONSTRUCT FOUNDATION PER WSDOT STANDARD PLAN J-21.10 AND INSTALL TYPE 1 POLE PER WSDOT STD PLAN J-21.20. INSTALL ONE COUNTDOWN PEDESTRIAN SIGNAL HEAD, TYPE E MOUNTING PER WSDOT STD PLAN J-75.10, AND ONE APS ASSEMBLY ON THE POLE. FOR POLE LOCATION AND DETAILS SEE SHEET SIG-04.

CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-26.10 AND INSTALL ONE TYPE III SIGNAL > POLE WITH 30 FEET MAST ARM. INSTALL TWO SIGNAL HEADS, ONE COUNTDOWN PEDESTRIAN SIGNAL HEAD, TYPE E MOUNTING PER WSDOT STD PLAN J-75.10, ONE 721 EVPE DETECTOR, (2) AND ONE REGULATORY SIGN. INSTALL ONE LED ROADWAY FIXTURE (400WEQ) AND ONE

GRIDSMART VIDEO DETECTION CAMERA ON THE LUMINAIRE ARM. INSTALL ONE TERMINAL CABINET ON THE SIGNAL POLE PER WSDOT STD. PLAN J-75.30. FOR POLE LOCATION AND DETAILS SEE SHEET SIG-04. CONSTRUCT FOUNDATION PER WSDOT STANDARD PLAN J-21.10 AND INSTALL TYPE 1 POLE

PER WSDOT STD PLAN J-21.20. INSTALL ONE COUNTDOWN PEDESTRIAN SIGNAL HEAD, TYPE E MOUNTING PER WSDOT STD PLAN J-75.10, AND ONE APS ASSEMBLY ON THE POLE. FOR POLE LOCATION AND DETAILS SEE SHEET SIG-04.

CONSTRUCT FOUNDATION PER WSDOT STD PLAN J-26.10 AND INSTALL ONE TYPE III SIGNAL POLE WITH 30 FEET MAST ARM. INSTALL TWO SIGNAL HEADS, ONE COUNTDOWN PEDESTRIAN SIGNAL HEAD, TYPE E MOUNTING PER WSDOT STD PLAN J-75.10, ONE 721 EVPE DETECTOR, AND ONE REGULATORY SIGN ON MAST ARM. INSTALL ONE LED ROADWAY FIXTURE (400WEQ) ON THE LUMINAIRE ARM. INSTALL ONE TERMINAL CABINET ON THE SIGNAL POLE PER WSDOT $\sqrt{3}$ STD PLAN J-75.30. FOR POLE LOCATION AND DETAILS SEE SHEET SIG-04.

CONSTRUCT CONTROLLER FOUNDATION PER COT STD PLAN TS-10 AND FURNISH AND INSTALL P44 NEMA CONTROLLER CABINET AND ALL ASSOCIATED EQUIPMENT PER PROJECT SPECIFICATIONS. INSTALL SIGNAL CONTROLLER IN CABINET. CONTRACTOR TO TERMINATE FOUR STRANDS OF FIBER IN PATCH PANEL AND PROVIDE CONNECTION TO NETWORK SWITCH.

REMOVE EXISTING STREET LIGHT POLE AND FOUNDATION. FOUNDATION TO BE REMOVED TO \langle 6 \rangle A MINIMUM OF 2 FEET BELOW FINISHED SURFACE AND SURFACE REPAIRED WITH LIKE MATERIAL. POLE AND LUMINARIE TO SALVAGED TO TRAFFIC SIGNAL SHOP.

(7) FURNISH AND INSTALL NEW TYPE 2 JUNCTION WITH LOCKING LID PER WSDOT STANDARD PLAN J-40.10 AND CITY OF TACOMA STD. PLAN TS-08.

INSTALL SINGLE POLE 20 AMP CIRCUIT BREAKER IN EXISTING STREET POWER SERVICE \langle 8 \rangle LOCATED ON POLE #TP14185. COORDINATE INSTALLATION WITH TRAFFIC SIGNAL SUPERVISOR

INTERSECPT EXISTING CONDUIT AND INSTALL PULL BOX PER WSDOT STD PLAN J-90.10. COIL √3\³ 50' ADDITIONAL OF FIBER IN PULL BOX .

LOCATION OF EXISTING CONTROLLER CABINET. INSTALL ONE FIBER OPTIC PATCH PANEL AND TERMINATE 4 STRANDS IN PATCH PANEL. INSTALL CONNECTION BETWEEN PATCH PANEL AND EXISTING SWITCH USING CITY PROVIDED SFP EQUIPMENT. PROTECT ALL EXISTING EQUIPMENT AND WIRING DURING CONSTRUCTION.

REPLACE EXISTING TYPE 1 JUNCTION BOX WITH NEW TYPE 2 JUNCTION BOX AT NEW LOCATION SHOWN. MODIFY THREE EXISTING CONDUITS TO NEW JUNCTION BOX LOCATION. PROTECT EXISTING WIRES AND CONDUIT IN PLACE. COORDINATE ANY DISCONNECT WITH TRAFFIC SIGNAL SHOP.

REPLACE EXISTING TYPE 1 JUNCTION BOX WITH NEW TYPE 1 JUNCTION BOX. NEW LOCATION TO BE WEST OF GRADE BREAK FOR CURB RAMP. MODIFY 2 CONDUITS TO NEW JUNCTION BOX LOCATION. REMOVE CONDUIT TO STREET LIGHT REMOVED PER NOTE 6.

FURNISH AND INSTALL TYPE 8 JUNCTION BOX WITH LOCKING LID PER WSDOT STANDARD PLAN J-40.30 AND CITY OF TACOMA STD. PLAN TS-08.



HORIZ. DATUM: N.A.D. 83/91 VERT. DATUM: N.G.V.D. 29 BENCH MARK: MIC INTERSECTION OF S. 19TH ST. AND FAWCETT AVE. ELEVATION = 165.12

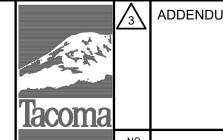
PHASE SEQUENCE DIAGRAM

	_	INTERVAL	1 DARK			FLA			
	PHASE 1	LOAD SWITCH	LS1	LS2	LS3	LS1	LS2	LS3	LS1
	4	SIGNAL/PEDESTRIAN DISPLAYS							
PHASE 2		INTERVAL	4 STEADY RED			A F			
		LOAD SWITCH	LS1	LS2	LS3	LS1	LS2	LS3	
		SIGNAL/PEDESTRIAN DISPLAYS							

CALL BEFORE YOU DIG

EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY PER BEST AVAILABLE INFO, AND MAY BE INCOMPLETE. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, POTHOLING AND AVOIDING ALL EXISTING UTILITIES.

CALL TWO BUSINESS DAYS BEFORE YOU DIG (1-800-424-5555) OR VISIT ONLINE: www.callbeforeyoudig.org

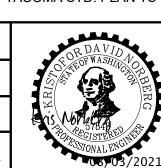


STEADY YELLOW

LS2

LS3

					─ J-40.30	AND CITY OF
3	ADDENDUM 3, THIS IS A CLARIFICATION SHEET			FINAL CONSTRUCTION CHECKED	Jul 2021	1" = 20'
				ВУ	DESIGNED KN	CHECKED VM
				DATE	drawn KN	PROJECT NAME FAWCETT
				FIELD BOOKS	DRAWING NAME	
NO	REVISION	DATE	APPD		FAWCETT_19	9-6_SIGNAL



	CITY	OF	TACOMA
DEPART	MENT	OF	PUBL
			TRAFF

OF PUBLIC WORKS TRAFFIC SIGNAL

PWK-0032

FAWCETT AVE S 19TH ST AT FAWCETT AVE

ETSG-01 OF SG-09