

CHANGE ORDER

- Distribution:
- FBC Engineering
 - FBC Judge
 - FBC Purchasing
 - Contractor
 - Consultant

FORT BEND COUNTY ENGINEERING

Address: 301 Jackson Street
 Richmond, Texas 77469
Phone: 281-633-7500
Web site: www.FortBendCountyTx.gov

PROJECT:

Traffic Signal Installation for Grand Mission Boulevard at Bellaire Boulevard for Fort Bend County

CHANGE ORDER NUMBER 1
 DATE 06/15/2023
 PROJECT NUMBER
 BID NO B22-061
 CONTRACT DATE 05/18/2022
 FBC PURCHASE ORDER NO 212739

CONTRACTOR:

Statewide Traffic Signal Company

The contract is changed as follows:
 Please see the attached.

Not valid until signed by Fort Bend County and Contractor.

The Original (**Contract Sum**) \$ 313,133.94
 Net change by previously authorized Change Orders \$ 0
 The (**Contract Sum**) Prior to this Change Order was \$ 313,133.94
 The (**Contract Sum**) will be increased **or** decreased **or** unchanged by this Change Order in the amount of \$ 16,305.00
 The new (**Contract Sum**) including this Change Order will be \$ 329,438.94

The Contract Time will be increased **or** decreased **or** unchanged by 0 days.
 The Date of Substantial Completion as of this Change Order therefore is changed **or** unchanged to 0 .


Authorized:

Fort Bend County Engineering
 J. Stacy Slawinski, P.E.
 301 Jackson
 Richmond, Texas 77469

CONTRACTOR
 Statewide Traffic Signal Company
 1509 West 34th Street
 Houston, Texas 77018

Fort Bend County Judge
 Honorable KP George
 301 Jackson St., #719
 Richmond, Texas 77469

By: 
(signature)
 DATE: 10/26/2023

By: 
(signature)
 DATE: 10/12/2023

By: _____
(signature)
 DATE: _____

Change Order Overruns

0618-6046 CONDT (PVC) (SCH 80) (2")

- CenterPoint Relocated the transformer. Due to this we had to Relocate our service and add an extra 60' of 2" trench to the job.

0620-6011 ELEC CONDR (NO.4) BARE

- This was installed Instead of the 620-6019 #1/0 Conductor.

0620-6012 ELEC CONDR (NO.4) INS

- This was installed Instead of the 620- 6020 #1/0 Conductor.

0624-6010 GROUND BOX TY D

- Replaced 1 Ground Box TY 2 which is a concrete ground box with a metal lid that is not used in signal systems with 2 TY D Boxes as shown on sheet 20 of the plans.
- 2 additional TY D Boxes were added between the controller cabinet and the electrical service in order to pull the #4 Service wires.

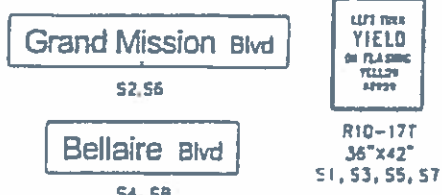
0687-6001 PED POLE ASSEMBLY

- Due to the existing underground utilities traffic signal Pole #4 was relocated south approximately 5 Foot. Therefore, a pedestrian pole was required to be added to accommodate the pedestrian wheelchair ramp on the Northeast corner.

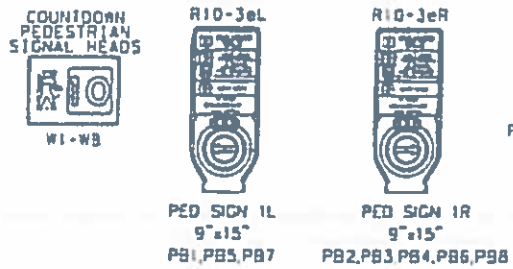
PROPOSED LED SIGNAL HEADS & BACKPLATES



PROPOSED SIGNS

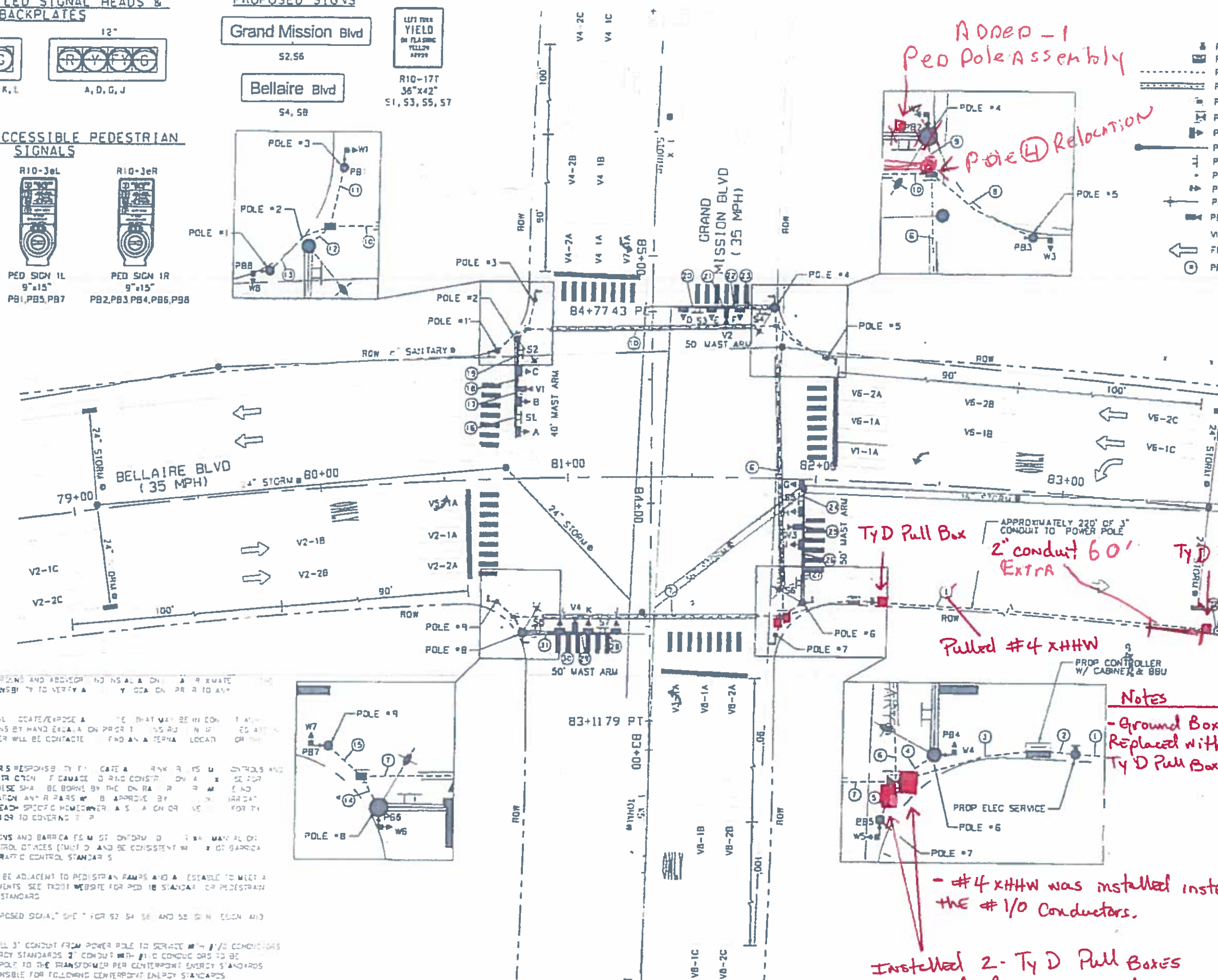


PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS



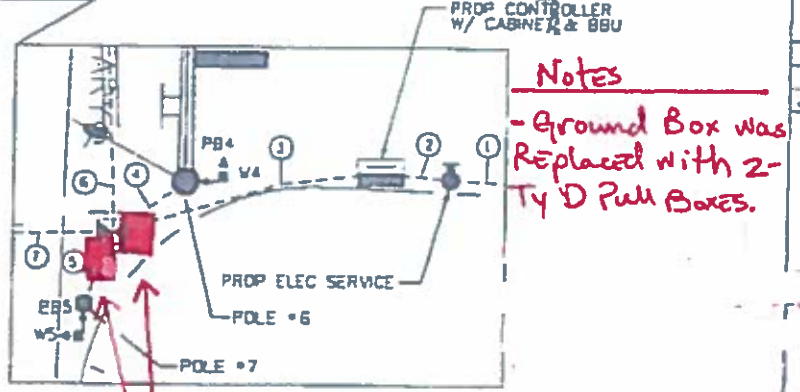
LEGEND

- PROPOSED ELECTRICAL SERVICE
- PROPOSED CONTROLLER W/ CABINET & BBU
- PROPOSED CONDUIT, COMPLETE-IN-PLACE
- PROPOSED BORE CONDUIT, COMPLETE-IN-PLACE
- PROPOSED GROUND BOX TYPE 0 W/ (APRON)
- PROPOSED GROUND BOX TYPE 2 W/ (APRON)
- ▲ PROPOSED HORIZONTAL TRAFFIC SIGNAL HEAD
- PROPOSED MAST ARM AND POLE
- PROPOSED SMALL SIGN
- PROPOSED PEDESTRIAN PUSH BUTTON
- ▲ PROPOSED PEDESTRIAN SIGNAL HEAD
- PROPOSED LUMINAIRE
- PROPOSED VIDS CAMERA
- VIDS DETECTOR ZONE
- FLOW ARROW
- PROPOSED RUN NUMBER



Added - 1 Ped Pole Assembly
Pole 4 Relocation

TyD Pull Box
APPROXIMATELY 220' OF 3" CONDUIT TO POWER POLE
2" conduit 60' Extra
TyD Pull Box
Pulled #4 xHHW



Notes
- Ground Box was Replaced with 2-Ty D Pull Boxes.
- #4 xHHW was installed instead of the #1/0 Conductors.
Installed 2-Ty D Pull Boxes instead of a Ground Box

- NOTES**
1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND AND ABOVEGROUND UTILITIES AS SHOWN ON ALL PLANS AND SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ANY UTILITIES NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ANY UTILITIES NOT SHOWN ON THE PLANS.
 2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITIES NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ANY UTILITIES NOT SHOWN ON THE PLANS.
 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ANY UTILITIES NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ANY UTILITIES NOT SHOWN ON THE PLANS.
 4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL DEVICES.
 5. ALL SIGNAL HEADS SHALL BE ADJACENT TO PEDESTRIAN RAMP AND ACCESSIBLE TO MEET ALL ADA REQUIREMENTS. SEE PROJECT WEBSITE FOR ADA STANDARDS FOR PEDESTRIAN ACCESS PAD ON PWD STANDARD.
 6. SEE "LEGEND FOR PROPOSED SIGNAL HEADS" FOR S2, S4, S6, AND S8 SIGN DESIGN AND ELECTRICAL SCHEDULE.
 7. CONTRACTOR TO INSTALL 3" CONDUIT FROM POWER POLE TO SERVICE WITH #1/0 CONDUCTORS PER CENTERPOINT ENERGY STANDARDS. 2" CONDUIT WITH #1/0 CONDUCTORS TO BE INSTALLED ON POWER POLE TO THE TRANSFORMER PER CENTERPOINT ENERGY STANDARDS. CONTRACTOR IS RESPONSIBLE FOR FOLLOWING CENTERPOINT ENERGY STANDARDS. CENTERPOINT ENERGY TO INSTALL SERVICE METER AFTER CONDUCTORS ARE INSTALLED. CENTERPOINT ENERGY TO CONNECT CONDUCTORS TO TRANSFORMER.

100% SUBMITTAL

STATE OF GEORGIA
 CAROL A. JACOB
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GRAND MISSION AT BELLAIRE

PROPOSED SIGNAL LAYOUT

SUBMITTED:	DATE:	DESIGNED BY:	SCALE:
DATE:	2/7/2022	DATE:	1"=20'
SURVEY BY:	CF	SHEET NO. 5	OF 58 SHEETS