

# WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 1

1. CONTRACTOR: The Levy Company

2. Change Order Work Limits: Sta. 490+00 to Sta. 520+00

3. Type of Change(on federal-aid non-exempt projects): Minor (Major/Minor)

4. Reasons: 2G (3 Max. - In order of importance - Primary first)

Project: 23IFB21  
RR at Elizabeth  
Roadway: Parkway Temp Signals  
CSJ  
Number: \_\_\_\_\_

5. Describe the work being revised:

**2. Unadjusted utility (unforeseeable). 2G. Other:** This Change Order will add and remove items from the project due to unforeseen changes in field conditions. The project conditions have been altered since the initial design and this Change Order will correct these issues. This Change order will also compensate the contractor for installing a temporary controller so that the signal can be activated immediately rather than waiting on the permanent controller which has a long lead-time for delivery.

6. Work to be performed in accordance with Items: See Attached

7. New or revised plan sheet(s) are attached and numbered: 2,7,8

8. New Special Provisions/Specifications to the contract are attached: ☐ Yes ☒ No

9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><i>The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.</i></p> <p>THE CONTRACTOR Date <u>5/16/2023</u></p> <p>By <u>Andrew Hardy</u></p> <p>Typed/Printed Name <u>Andrew Hardy</u></p> <p>Typed/Printed Title <u>Project Coordinator</u></p> | <p><b>The following information must be provided</b></p> <p>Time Ext. #: <u>N/A</u> Days added on this CO: <u>N/A</u></p> <p>Amount added by this change order: <u>\$28,245.75</u></p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## RECOMMENDED FOR EXECUTION:

 5/16/2023  
Project Manager Date

N/A  
Design Engineer Date

Christen Eschberger 5/16/2023  
Program Manager Date

Design Engineer's Seal:

County Commissioner Precinct 1 Date  
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date  
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date  
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date  
☐ APPROVED ☐ REQUEST APPROVAL

County Judge Date  
☐ APPROVED

# WILLIAMSON COUNTY, TEXAS

1

Project # Ronald Reagan at Elizabeth Park Temp Signals

**TABLE A:** Force Account Work and Materials Placed into Stock

|  | LABOR | HOURLY RATE |  |  | HOURLY RATE |
|--|-------|-------------|--|--|-------------|
|  |       |             |  |  |             |
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|  |       |             |  |  |             |

**TABLE B:** Contract Items:

|          |                                         |      |             | ORIGINAL + PREVIOUSLY REVISED |             | ADD or<br>(DEDUCT) | NEW      |             |                      |
|----------|-----------------------------------------|------|-------------|-------------------------------|-------------|--------------------|----------|-------------|----------------------|
| ITEM     | DESCRIPTION                             | UNIT | UNIT PRICE  | QUANTITY                      | ITEM COST   | QUANTITY           | QUANTITY | ITEM COST   | OVERRUN/<br>UNDERRUN |
| 618-6029 | CONDT (PVC) (SCH 40) (3")               | LF   | \$20.00     | 860.00                        | \$17,200.00 | (675.00)           | 185.00   | \$3,700.00  | (\$13,500.00)        |
| 618-6070 | CONDT (RM) (2")                         | LF   | \$38.00     | 25.00                         | \$950.00    | 65.00              | 90.00    | \$3,420.00  | \$2,470.00           |
| 620-6007 | ELEC CONDR (NO.8) BARE                  | LF   | \$1.70      | 205.00                        | \$348.50    | (10.00)            | 195.00   | \$331.50    | (\$17.00)            |
| 620-6008 | ELEC CONDR (NO.8) INSULATED             | LF   | \$1.70      | 1,910.00                      | \$3,247.00  | 1,010.00           | 2,920.00 | \$4,964.00  | \$1,717.00           |
| 620-6009 | ELEC CONDR (NO.6) BARE                  | LF   | \$2.00      | 185.00                        | \$370.00    | (165.00)           | 20.00    | \$40.00     | (\$330.00)           |
| 620-6010 | ELEC CONDR (NO.6) INSULATED             | LF   | \$2.00      | 370.00                        | \$740.00    | 255.00             | 625.00   | \$1,250.00  | \$510.00             |
| 625-6003 | ZINC-COAT STL WIRE STRAND (3/8")        | LF   | \$3.50      | 1,610.00                      | \$5,635.00  | 115.00             | 1,725.00 | \$6,037.50  | \$402.50             |
| 628-6145 | ELC SRV TY D 120/240 060(NS)SS(E)SP(O)  | EA   | \$8,500.00  | 1.00                          | \$8,500.00  | (1.00)             | 0.00     | \$0.00      | (\$8,500.00)         |
| 666-6126 | REFL PAV MRK TY I (Y) 4" (SLD) (100MIL) | LF   | \$1.20      | 1,550.00                      | \$1,860.00  | 10.00              | 1,560.00 | \$1,872.00  | \$12.00              |
| 684-6010 | TRF SIG CBL (TY A) (12 AWG)(5 CONDR)    | LF   | \$2.75      | 2,480.00                      | \$6,820.00  | 35.00              | 2,515.00 | \$6,916.25  | \$96.25              |
| 627-6002 | TIMBER POLE (CL 2) 40 FT                | EA   | \$5,300.00  | 0.00                          | \$0.00      | 2.00               | 2.00     | \$10,600.00 | \$10,600.00          |
| 628-WC01 | ELC SRV TY D 120/240 060(NS)SS(E)EX(U)  | EA   | \$8,700.00  | 0.00                          | \$0.00      | 1.00               | 1.00     | \$8,700.00  | \$8,700.00           |
| 618-6023 | CONDT (PVC) (SCH 40) (2")               | LF   | \$65.00     | 0.00                          | \$0.00      | 25.00              | 25.00    | \$1,625.00  | \$1,625.00           |
| 618-6074 | CONDT (RM) (3")                         | LF   | \$76.00     | 0.00                          | \$0.00      | 60.00              | 60.00    | \$4,560.00  | \$4,560.00           |
| 680-WC01 | TEMP SIGNAL CONTROLLER/CABINET          | EA   | \$19,900.00 | 0.00                          | \$0.00      | 1.00               | 1.00     | \$19,900.00 | \$19,900.00          |
|          |                                         |      |             |                               |             |                    |          |             |                      |
|          |                                         |      |             |                               |             |                    |          |             |                      |
|          |                                         |      |             |                               |             |                    |          |             |                      |
|          |                                         |      |             |                               |             |                    |          |             |                      |
|          |                                         |      |             |                               |             |                    |          |             |                      |
|          |                                         |      |             |                               | \$45,670.50 |                    |          | \$73,916.25 | \$28,245.75          |

## CHANGE ORDER REASON(S) CODE CHART

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Design Error or Omission                     | 1A. Incorrect PS&E<br>1B. Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2. Differing Site Conditions<br>(unforeseeable) | 2A. Dispute resolution (expense caused by conditions and/or resulting delay)<br>2B. Unavailable material<br>2C. New development (conditions changing after PS&E completed)<br>2D. Environmental remediation<br>2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9)<br>2F. Site conditions altered by an act of nature<br>2G. Unadjusted utility (unforeseeable)<br>2H. Unacquired Right-of-Way (unforeseeable)<br>2I. Additional safety needs (unforeseeable)<br>2J. Other                                                                                                                                                                                                                                                       |
| 3. County Convenience                           | 3A. Dispute resolution (not resulting from error in plans or differing site conditions)<br>3B. Public relations improvement<br>3C. Implementation of a Value Engineering finding<br>3D. Achievement of an early project completion<br>3E. Reduction of future maintenance<br>3F. Additional work desired by the County<br>3G. Compliance requirements of new laws and/or policies<br>3H. Cost savings opportunity discovered during construction<br>3I. Implementation of improved technology or better process<br>3J. Price adjustment on finished work (price reduced in exchange for acceptance)<br>3K. Addition of stock account or material supplied by state provision<br>3L. Revising safety work/measures desired by the County<br>3M. Other |
| 4. Third Party Accommodation                    | 4A. Failure of a third party to meet commitment<br>4B. Third party requested work<br>4C. Compliance requirements of new laws and/or policies (impacting third party)<br>4D. Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5. Contractor Convenience                       | 5A. Contractor exercises option to change the traffic control plan<br>5B. Contractor requested change in the sequence and/or method of work<br>5C. Payment for Partnering workshop<br>5D. Additional safety work/measures desired by the contractor<br>5E. Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 6. Untimely ROW/Utilities                       | 6A. Right-of-Way not clear (third party responsibility for ROW)<br>6B. Right-of-Way not clear (County responsibility for ROW)<br>6C. Utilities not clear<br>6D. Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## **Williamson County Road Bond Program**

### **Ronald Reagan at Elizabeth Park Temporary Signals Williamson County Project No. 23IFB21**

#### **Change Order No. 1**

#### **Reason for Change**

This Change Order will compensate the contractor for quantity adjustments needed due to changes in the field condition. The plans have been revised to span the electric service over the Enterprise gas line versus going underground with the lines.

This Change Order also compensates the contractor for installing and maintaining a temporary controller cabinet due to the lead-time on the delivery of the permanent cabinet. This will allow for the signals to be activated immediately rather than later in the year when the new cabinet is scheduled to be delivered.

The following is a list of new items required for this Change Order.

| ITEM     | DESCRIPTION                            | QUANTITY | UNIT |
|----------|----------------------------------------|----------|------|
| 627-6002 | TIMBER POLE (CL 2) 40 FT               | 2.00     | EA   |
| 628-WC01 | ELC SRV TY D 120/240 060(NS)SS(E)EX(U) | 1.00     | EA   |
| 618-6023 | CONDT (PVC) (SCH 40) (2")              | 25.00    | LF   |
| 618-6074 | CONDT (RM) (3")                        | 60.00    | LF   |
| 680-WC01 | TEMP SIGNAL CONTROLLER/CABINET         | 1.00     | EA   |

This Change Order results in a net increase of \$28,245.75 to the Contract amount, for an adjusted Contract total of \$245,147.97. The original Contract amount was \$216,902.22. As a result of this and all Change Orders to-date, \$28,245.75 has been added to the Contract, resulting in a 13% net increase in the overall Contract cost.

#### **HNTB Corporation**

Oscar Salazar-Bueno, P.E.



16294 IH 35 N.  
Selma TX 78154  
210.497.4500 phone  
210-653-2835 fax

April 19, 2023

Mr. Randy Ehresman, P.E.  
HNTB

Re: Owner - Williamson County  
Project - Ronald Reagan Blvd Temp Traffic Signal  
Project #23IFB21  
Levy Job #2023-887  
Field Change – Revised Traffic Signal

Dear Mr. Ehresman:

We offer the attached field change price proposal to account for the changes made to plan sheets 2, 7 & 8 in order to address the issues with routing power to the signal intersection. The attached summary table details the quantity changes to the original contract bid items because of the plan revisions, and incorporates corrections made by the Levy team to plan sheet 8 (see attached). Furthermore, we have added pricing for five new bid items. An explanation of each new bid item is included below:

1. TIMBER POLE (CL 2) 40 FT – Added timber poles for routing power overhead between electrical service enclosure & signal controller (poles A1 & A2 on plan sheet 7). Includes a down guy for each pole.
2. TEMP SIGNAL CONTROLLER/CABINET – Provide & install a used signal controller & cabinet mounted to the permanent controller foundation. Temp controller is needed to run the signal system until such time as the permanent controller is available. Permanent controller has a long lead-time. Item includes removal of the temp controller cabinet when no longer needed. Item also includes maintaining the signal system for up to 9 months while waiting for the permanent controller to arrive. Maintenance is to cover the correction of any issues stemming from equipment failures or workmanship and any preventative maintenance steps required. Maintenance does not include issues caused by a 3<sup>rd</sup> party (e.g. public vehicle accident, Acts of God, damages caused by a contractor, vandalism).
3. ELC SRV TY D 120/240 060(NS)SS(E)EX(U) – Provide & install electrical service enclosure onto one of the 40' timber poles mentioned above. Item includes tie-in of conduits to bottom of enclosure. Conduit riser going up the pole to be paid separately. Item also includes installing a main breaker enclosure onto the existing PEC power pedestal. PEC to provide & install meter on existing pedestal.
4. CONDT (PVC)(SCH 40)(2") – Short conduits runs at the foot of each 40' timber pole for the purpose of routing power wiring.
5. CONDT (RM)(3") – Conduit risers with weather heads mounted to timber signal poles to separate signal cables & detections cables from power cables.



04/19/23

Sincerely,

Andy Ajas, P.E.  
The Levy Company, Inc.

THE LEVY COMPANY, INC.

OWNER: Williamson County  
 PROJECT: Ronald Reagan Blvd - Temp Signals  
 PROJECT #: 23IFB21  
 LEVY JOB NO. 2022-887

FIELD CHANGE: REVISE TRAFFIC SIGNALS

DATE: 4/19/2023

| ITEM      | DESCRIPTION                             | UNIT | ORIG PLUS<br>PREV REVISED<br>QUANT | FC QUANT | NEW TOTAL<br>QUANT | UNIT PRICE  | FC AMOUNT    |
|-----------|-----------------------------------------|------|------------------------------------|----------|--------------------|-------------|--------------|
| 0300-6001 | CONDT (PVC) (SCH 40) (3")               | LF   | 860.00                             | -675.00  | 185.00             | \$20.00     | -\$13,500.00 |
| 0400-6001 | CONDT (RM) (2")                         | LF   | 25.00                              | 65.00    | 90.00              | \$38.00     | \$2,470.00   |
| 0500-6001 | ELEC CONDR (NO.8) BARE                  | LF   | 205.00                             | -10.00   | 195.00             | \$1.70      | -\$17.00     |
| 0600-6001 | ELEC CONDR (NO.8) INSULATED             | LF   | 1,910.00                           | 1,010.00 | 2,920.00           | \$1.70      | \$1,717.00   |
| 0700-6001 | ELEC CONDR (NO.6) BARE                  | LF   | 185.00                             | -165.00  | 20.00              | \$2.00      | -\$330.00    |
| 0800-6001 | ELEC CONDR (NO.6) INSULATED             | LF   | 370.00                             | 255.00   | 625.00             | \$2.00      | \$510.00     |
| 1000-6001 | ZINC-COAT STL WIRE STRAND (3/8")        | LF   | 1,610.00                           | 115.00   | 1,725.00           | \$3.50      | \$402.50     |
| 1100-6001 | ELC SRV TY D 120/240 060(NS)SS(E)SP(O)  | EA   | 1.00                               | -1.00    | 0.00               | \$8,500.00  | -\$8,500.00  |
| 1900-6001 | REFL PAV MRK TY I (Y) 4" (SLD) (100MIL) | LF   | 1,550.00                           | 10.00    | 1,560.00           | \$1.20      | \$12.00      |
| 3300-6001 | TRF SIG CBL (TY A)(12 AWG)(5 CONDR)     | LF   | 2,480.00                           | 35.00    | 2,515.00           | \$2.75      | \$96.25      |
|           | TIMBER POLE (CL 2) 40 FT                | EA   | 0.00                               | 2.00     | 2.00               | \$5,300.00  | \$10,600.00  |
|           | TEMP SIGNAL CONTROLLER/CABINET          | EA   | 0.00                               | 1.00     | 1.00               | \$19,900.00 | \$19,900.00  |
|           | ELC SRV TY D 120/240 060(NS)SS(E)EX(U)  | EA   | 0.00                               | 1.00     | 1.00               | \$8,700.00  | \$8,700.00   |
|           | CONDT (PVC) (SCH 40) (2")               | LF   | 0.00                               | 25.00    | 25.00              | \$65.00     | \$1,625.00   |
|           | CONDT (RM) (3")                         | LF   | 0.00                               | 60.00    | 60.00              | \$76.00     | \$4,560.00   |
|           | TOTAL FIELD CHANGE AMOUNT               |      |                                    |          |                    |             | \$28,245.75  |

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| SUMMARY OF SIGNAL QUANTITIES |                                 |                    |                            |                                    |                            |                                    |                                            |                                           |                             |                                                   |                                      |
|------------------------------|---------------------------------|--------------------|----------------------------|------------------------------------|----------------------------|------------------------------------|--------------------------------------------|-------------------------------------------|-----------------------------|---------------------------------------------------|--------------------------------------|
| ITEM:                        | 0618                            | 0618               | 0620                       | 0620                               | 0620                       | 0620                               | 0624                                       | 0625                                      | 0627                        | 0628                                              | *0680                                |
| DESC. CODE:                  | 6029                            | 6070               | 6007                       | 6008                               | 6009                       | 6010                               | 6010                                       | 6003                                      | 6002                        | 6145                                              | 6002                                 |
| SHT NO.                      | CONDT (PVC)<br>(SCH 40)<br>(3") | CONDT (RM)<br>(2") | ELEC CONDR<br>(NO. 8) BARE | ELEC CONDR<br>(NO. 8)<br>INSULATED | ELEC CONDR<br>(NO. 6) BARE | ELEC CONDR<br>(NO. 6)<br>INSULATED | GROUND BOX<br>TY D<br>(162922) W/<br>APRON | ZINC-COAT<br>STL WIRE<br>STRAND<br>(3/8") | TIMBER POLE<br>(CL 2) 40 FT | ELC SRV TY D<br>120/240<br>060 (NS) SS (E) SP (O) | INSTALL HWY<br>TRF SIG<br>(ISOLATED) |
| 1 OF 1                       | LF<br>840                       | LF<br>105          | LF<br>195                  | LF<br>2280                         | LF<br>175                  | LF<br>935                          | EA<br>2                                    | LF<br>1840                                | EA<br>2                     | EA<br>1                                           | EA<br>1                              |
| PROJECT TOTALS               | 840                             | 105                | 195                        | 2280                               | 175                        | 935                                | 2                                          | 1840                                      | 2                           | 1                                                 | 1                                    |

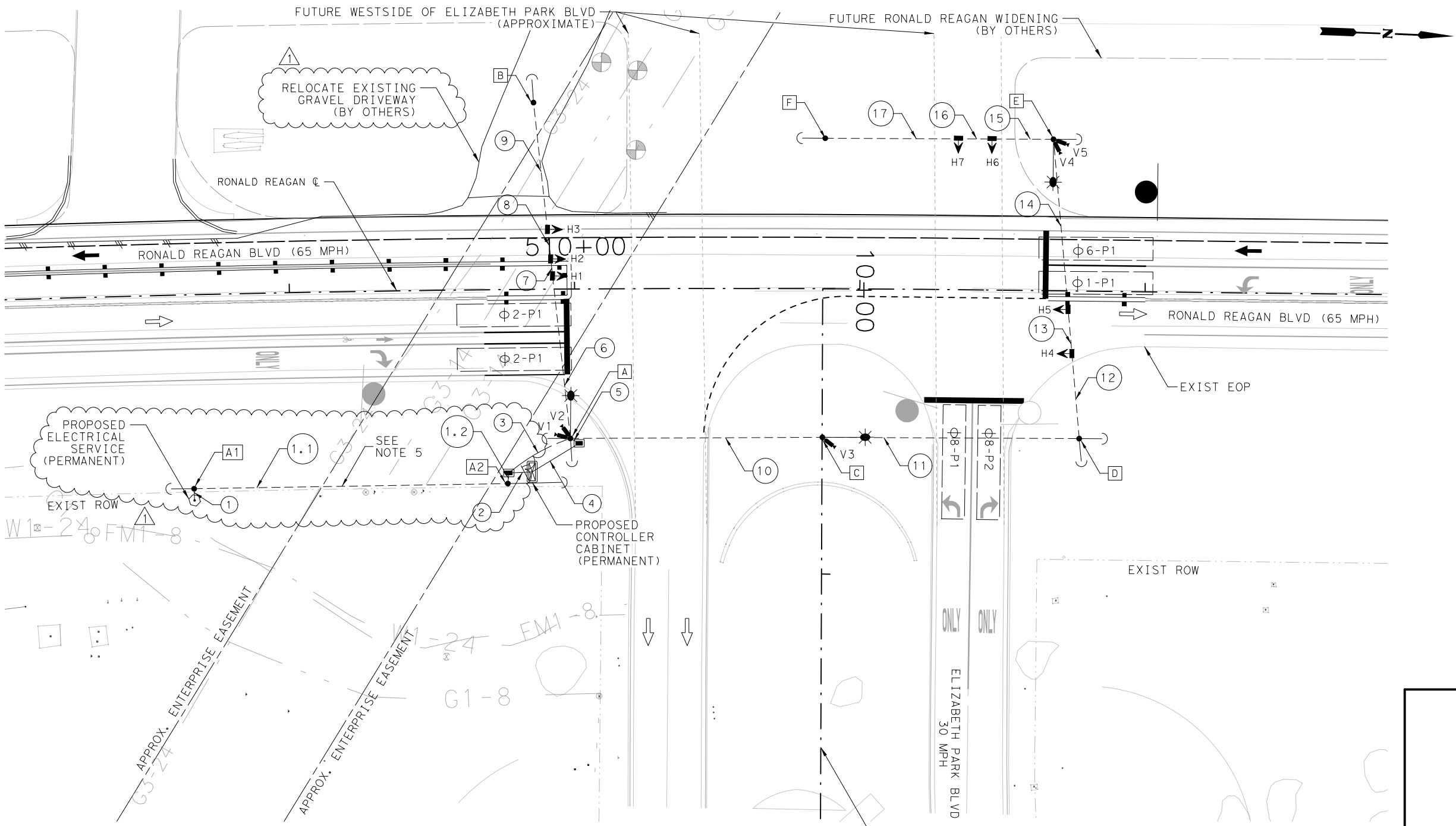
\* TIMBER POLES ARE  
SUBSIDIARY TO ITEM 680.

| SUMMARY OF SIGNAL QUANTITIES |                                    |                                        |                                    |                                        |                                    |                                        |                                             |                                             |                                                |                                                |                          |                              |
|------------------------------|------------------------------------|----------------------------------------|------------------------------------|----------------------------------------|------------------------------------|----------------------------------------|---------------------------------------------|---------------------------------------------|------------------------------------------------|------------------------------------------------|--------------------------|------------------------------|
| ITEM:                        | 0682                               | 0682                                   | 0682                               | 0682                                   | 0682                               | 0682                                   | 0682                                        | 0682                                        | 0684                                           | 0684                                           | 0690                     | 6306                         |
| DESC. CODE:                  | 6001                               | 6002                                   | 6003                               | 6004                                   | 6005                               | 6006                                   | 6051                                        | 6052                                        | 6010                                           | 6049                                           | 6137                     | 6002                         |
| SHT NO.                      | VEH SIG SEC<br>(12") LED (G<br>RN) | VEH SIG SEC<br>(12") LED (G<br>RN ARW) | VEH SIG SEC<br>(12") LED (Y<br>EL) | VEH SIG SEC<br>(12") LED (Y<br>EL ARW) | VEH SIG SEC<br>(12") LED (R<br>ED) | VEH SIG SEC<br>(12") LED (R<br>ED ARW) | BACKPLATE<br>W/REFL<br>BRDR (3<br>SEC) ALUM | BACKPLATE<br>W/REFL<br>BRDR (4<br>SEC) ALUM | TRF SIG CBL<br>(TY A) (12<br>AWG) (5<br>CONDR) | TRF SIG CBL<br>(TY A) (16<br>AWG) (3<br>CONDR) | VIVDS CABLE<br>(INSTALL) | VIVDS CAM<br>ASSY FXD<br>LNS |
| 1 OF 1                       | EA<br>6                            | EA<br>3                                | EA<br>6                            | EA<br>1                                | EA<br>6                            | EA<br>1                                | EA<br>5                                     | EA<br>2                                     | LF<br>2480                                     | LF<br>1325                                     | LF<br>1325               | EA<br>3                      |
| PROJECT TOTALS               | 6                                  | 3                                      | 6                                  | 1                                      | 6                                  | 1                                      | 5                                           | 2                                           | 2480                                           | 1325                                           | 1325                     | 3                            |

| SUMMARY OF SMALL SIGNS AND PAVEMENT MARKING QUANTITIES |                                                 |                                                |                                                |                                                  |                                                  |                                                  |                                                   |                                                  |                               |                                    |                                    |                                       |
|--------------------------------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|---------------------------------------------------|--------------------------------------------------|-------------------------------|------------------------------------|------------------------------------|---------------------------------------|
| ITEM:                                                  | 0636                                            | 0644                                           | 0644                                           | 0666                                             | 0666                                             | 0666                                             | 0666                                              | 0666                                             | 0672                          | 0677                               | 0677                               | 0677                                  |
| DESC. CODE:                                            | 6007                                            | 6001                                           | 6004                                           | 6006                                             | 6012                                             | 6036                                             | 6048                                              | 6126                                             | 6009                          | 6001                               | 6003                               | 6008                                  |
| SHT NO.                                                | REPLACE<br>EXISTING<br>ALUMINUM<br>SIGNS (TY A) | IN SM RD SN<br>SUP&AM<br>TY10BWG (1)<br>SA (P) | IN SM RD SN<br>SUP&AM<br>TY10BWG (1)<br>SA (T) | REFL PAV MRK<br>TY I<br>(W) 4" (DOT)<br>(100MIL) | REFL PAV MRK<br>TY I<br>(W) 4" (SLD)<br>(100MIL) | REFL PAV MRK<br>TY I<br>(W) 8" (SLD)<br>(100MIL) | REFL PAV MRK<br>TY I<br>(W) 24" (SLD)<br>(100MIL) | REFL PAV MRK<br>TY I<br>(Y) 4" (SLD)<br>(100MIL) | REFL PAV<br>MRKR TY<br>II-A-A | ELIM EXT<br>PAV MRK &<br>MRKS (4") | ELIM EXT<br>PAV MRK &<br>MRKS (8") | ELIM EXT<br>PAV MRK &<br>MRKS (ARROW) |
| 1 OF 3                                                 | SF                                              | EA                                             | EA                                             | LF                                               | LF                                               | LF                                               | LF                                                | LF                                               | EA                            | LF                                 | LF                                 | EA                                    |
| 2 OF 3                                                 | 9                                               | 1                                              | 1                                              | 37                                               | 30                                               | 95                                               | 85                                                | 565                                              | 44                            | 317                                | 300                                | 1                                     |
| 3 OF 3                                                 |                                                 | 1                                              | 1                                              |                                                  |                                                  |                                                  |                                                   |                                                  |                               |                                    |                                    |                                       |
| PROJECT TOTALS                                         | 9                                               | 2                                              | 2                                              | 37                                               | 30                                               | 95                                               | 85                                                | 1560                                             | 144                           | 532                                | 300                                | 2                                     |

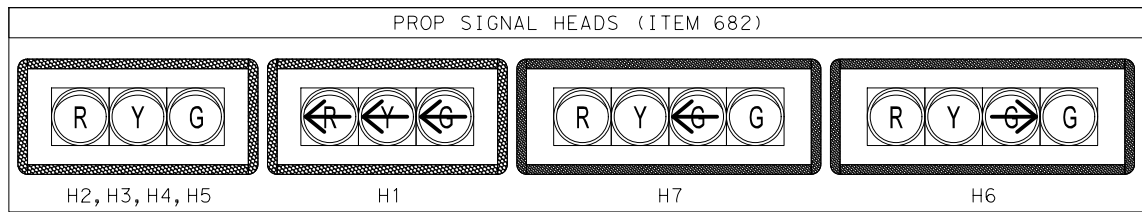
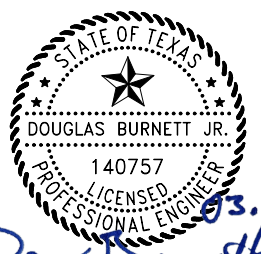
|                                                                                       |  |                   |                                                                                       |                         |             |
|---------------------------------------------------------------------------------------|--|-------------------|---------------------------------------------------------------------------------------|-------------------------|-------------|
|                                                                                       |  |                   |                                                                                       |                         |             |
| 1                                                                                     |  | CHANGE ORDER NO.1 |                                                                                       | DAB 3/10/2023           |             |
| NO.                                                                                   |  | REVISION          |                                                                                       | BY DATE                 |             |
|  |  |                   |  |                         |             |
| RONALD REAGAN BLVD. AT ELIZABETH PARK BLVD.                                           |  |                   |                                                                                       |                         |             |
| SUMMARY OF QUANTITIES                                                                 |  |                   |                                                                                       |                         |             |
| Designed: ATG                                                                         |  | FED. RD. DIV. NO. | STATE                                                                                 | FEDERAL AID PROJECT NO. |             |
| Checked: ATG                                                                          |  | X                 | TEXAS                                                                                 | SEE TITLE SHEET         |             |
| Drawn: ATG                                                                            |  | DIST.             | COUNTY                                                                                | CONTROL NO.             | SECTION NO. |
| Checked: ATG                                                                          |  | WILLIAMSON        |                                                                                       |                         |             |
|                                                                                       |  |                   |                                                                                       | JOB NO.                 | SHEET NO.   |
|                                                                                       |  |                   |                                                                                       |                         | 2           |





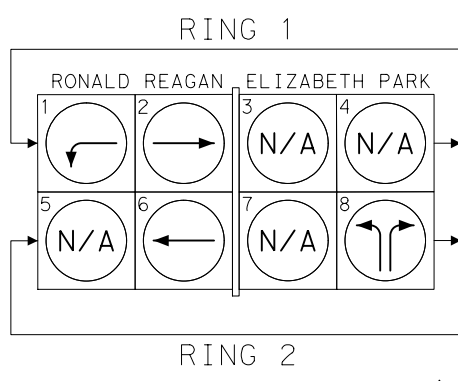
LEGEND

- EXIST TRAFFIC FLOW
- PROP TRAFFIC FLOW
- TIMBER POLE AND GUY-WIRE
- HORIZONTAL TRAFFIC SIGNAL HEAD
- CONDUIT (TRENCH)
- SPAN WIRE (AERIAL)
- ELECTRICAL SERVICE
- CONTROLLER W/ CABINET
- GROUND BOX TYPE D
- LUMINAIRE W/ 8' ARM
- VIVDS CAMERA
- VIVDS DETECTION ZONE
- RUN #



| POLE DETAILS AND LOCATIONS |           |              |              |             |          |          |
|----------------------------|-----------|--------------|--------------|-------------|----------|----------|
| POLE ID.                   | POLE TYPE | POLE HT (FT) | LUM ARM (FT) | ALIGNMENT   | STATION  | OFFSET   |
| A1                         | TIMBER    | 40           |              | RR_EXISTING | 508+65.0 | 68.0' RT |
| A2                         | TIMBER    | 40           |              | RR_EXISTING | 509+76.0 | 68.0' RT |
| A                          | TIMBER    | 50           | 8            | RR_EXISTING | 509+98.0 | 52.5' RT |
| B                          | TIMBER    | 50           |              | RR_EXISTING | 509+86.0 | 65.5' LT |
| C                          | TIMBER    | 50           | 8            | RR_EXISTING | 510+87.0 | 52.0' RT |
| D                          | TIMBER    | 50           |              | RR_EXISTING | 511+77.0 | 52.0' RT |
| E                          | TIMBER    | 50           | 8            | RR_EXISTING | 511+67.0 | 53.0' LT |
| F                          | TIMBER    | 50           |              | RR_EXISTING | 510+88.0 | 52.5' LT |

PHASING DIAGRAM



NOTES:

- LOCATION OF UNDERGROUND UTILITIES IS APPROXIMATE. CONTRACTOR SHALL CALL "TEXAS ONE CALL" (800-245-4545) PRIOR TO EXCAVATION.
- FOR POWER SETUP, COORDINATE WITH PEDERNALES ELECTRIC COOPERATIVE, INC (PEC). PHONE: 1-800-868-4791
- VIVDS ARE SHOWN DIAGRAMMATICALLY. CONTRACTOR TO VERIFY VIVDS ARE MOUNTED AND ORIENTED TO CAPTURE DESIRED DETECTION ZONE.
- CONTRACTOR TO INSTALL 48" GUY SPREADER TO AVOID ANY CONFLICTING GUY ANCHOR LOCATIONS.
- AERIAL SPAN WIRE CONNECTING POLES A1-A2 SHALL BE 25' MINIMUM VERTICAL CLEARANCE TO EXISTING GRADE.

Williamson County

ATG ALLIANCE TRANSPORTATION GROUP

RONALD REAGAN BLVD. AT ELIZABETH PARK BLVD

TEMPORARY SIGNAL LAYOUT

|               |                      |             |                         |             |
|---------------|----------------------|-------------|-------------------------|-------------|
| Designed: ATG | FED. RD. DIST. NO. X | STATE TEXAS | FEDERAL AID PROJECT NO. | HIGHWAY NO. |
| Checked: ATG  | DIST.                | COUNTY      | SEE TITLE SHEET         | TITLE SHEET |
| Drawn: ATG    | NO.                  | SECTION     | JOB NO.                 | SHEET NO.   |
| Checked: ATG  | WILLIAMSON           |             |                         | 7           |

3/10/2023 9:10:38 AM DBurnett  
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| CONDUCTOR AND CONDUIT SCHEDULE |                 |                     |                |                      |               |              |               |              |             |             |       |
|--------------------------------|-----------------|---------------------|----------------|----------------------|---------------|--------------|---------------|--------------|-------------|-------------|-------|
| RUN NO.                        | RUN LENGTH (FT) | CONDUIT             |                | AERIAL SPAN WIRE     | POWER/GROUND  |              |               |              | SIGNAL      | VIVDS       |       |
|                                |                 | 3" SCH40 PVC TRENCH | 2" RM POLE MNT | WIRE STRAND 3/8" GUY | #8 AWG (BARE) | #8 AWG (INS) | #6 AWG (BARE) | #6 AWG (INS) | 5/C #12 AWG | 3/C #16 AWG | CABLE |
| 1                              | 40              |                     | 1-30'          |                      |               | 2 6          |               | 3            |             |             |       |
| 1.1                            | 115             |                     |                | 2 1                  |               | 2 6          |               | 3            |             |             |       |
| 1.2                            | 40              |                     | 1-30'          |                      |               | 2 6          |               | 3            |             |             |       |
| 2                              | 175             | 2                   |                |                      |               |              | 1             | 2            |             |             |       |
| 3                              | 195             | 2 1-45'             |                |                      | 1             | 2 6          |               |              |             |             |       |
| 4                              | 25              | 4                   |                |                      |               |              |               |              | 7           | 5           | 5     |
| 5                              | 25              | 1-5'                | 1-30'          |                      |               | 3 0          |               |              | 7           | 5           | 5     |
| 6*                             | 125             |                     |                | 2                    |               |              |               |              | 3           |             |       |
| 7                              | 20              |                     |                | 2                    |               |              |               |              | 2           |             |       |
| 8                              | 25              |                     |                | 2                    |               |              |               |              | 1           |             |       |
| 9                              | 55              |                     |                | 2                    |               |              |               |              |             |             |       |
| 10                             | 105             |                     |                | 2                    |               | 3 4          |               |              | 4           | 3           | 3     |
| 11*                            | 155             |                     |                | 2                    |               | 2+100        |               |              | 4           | 2           | 2     |
| 12                             | 45              |                     |                | 2                    |               | 3 2          |               |              | 4           | 2           | 2     |
| 13                             | 30              |                     |                | 2                    |               | 3 2          |               |              | 3           | 2           | 2     |
| 14*                            | 125             |                     |                | 2                    |               | 2+100        |               |              | 2           | 2           | 2     |
| 15                             | 35              |                     |                | 2                    |               |              |               |              | 2           |             |       |
| 16                             | 25              |                     |                | 2                    |               |              |               |              | 1           |             |       |
| 17                             | 60              |                     |                | 2                    |               |              |               |              |             |             |       |
| New Totals                     |                 | 185'                | 90'            | 1725'                | 195           | 2235         | 175           | 625          | 2515        | 1325        | 1325  |
| TOTALS                         |                 | 840                 | 105            | 1840                 | 195           | 2235         | 175           | 935          | 2445        | 1275        | 1275  |

\* 50 FT. ADDITIONAL LENGTH ADDED FOR FUTURE TCP PREPARATION. COIL AND MOUNT SLACK TO ADJACENT POLE.

| CONDUCTORS/CABLE IN CABINET (LF) |             |              |            |
|----------------------------------|-------------|--------------|------------|
| 5/C (SIGNAL)                     | 3/C (VIVDS) | COAX (VIVDS) | NO. 8 BARE |
| 35                               | 25          | 25           | 5          |

| ELIZABETH PARK BLVD TEMP SIGNAL QUANTITY |                                              |      |      |  |
|------------------------------------------|----------------------------------------------|------|------|--|
| BID CODE                                 | DESCRIPTION                                  | UNIT | QTY  |  |
| 0618                                     | 6029 CONDT (PVC) (SCH 40) (3")               | LF   | 860  |  |
| 0618                                     | 6070 CONDT (RM) (2")                         | LF   | 25   |  |
| 0620                                     | 6007 ELEC CONDR (NO. 8) BARE                 | LF   | 205  |  |
| 0620                                     | 6008 ELEC CONDR (NO. 8) INSULATED            | LF   | 1910 |  |
| 0620                                     | 6009 ELEC CONDR (NO. 6) BARE                 | LF   | 185  |  |
| 0620                                     | 6010 ELEC CONDR (NO. 6) INSULATED            | LF   | 370  |  |
| 0624                                     | 6010 GROUND BOX TY D (162922)W/APRON         | EA   | 2    |  |
| 0625                                     | 6003 ZINC-COAT STL WIRE STRAND (3/8")        | LF   | 1610 |  |
| 0628                                     | 6145 ELC SRV TY D 120/240 060 (NS)SS(E)SP(O) | EA   | 1    |  |
| 0680                                     | 6002 INSTALL HWY TRF SIG (ISOLATED)          | EA   | 1    |  |
| 0682                                     | 6001 VEH SIG SEC (12")LED(GRN)               | EA   | 6    |  |
| 0682                                     | 6002 VEH SIG SEC (12")LED(GRN ARW)           | EA   | 3    |  |
| 0682                                     | 6003 VEH SIG SEC (12")LED(YEL)               | EA   | 6    |  |
| 0682                                     | 6004 VEH SIG SEC (12")LED(YEL ARW)           | EA   | 1    |  |
| 0682                                     | 6005 VEH SIG SEC (12")LED(RED)               | EA   | 6    |  |
| 0682                                     | 6006 VEH SIG SEC (12")LED(RED ARW)           | EA   | 1    |  |
| 0682                                     | 6051 BACKPLATE W/REFL BRDR(3 SEC)ALUM        | EA   | 5    |  |
| 0682                                     | 6052 BACKPLATE W/REFL BRDR(4 SEC)ALUM        | EA   | 2    |  |
| 0684                                     | 6010 TRF SIG CBL (TY A) (12 AWG) (5 CONDR)   | LF   | 2480 |  |
| 0684                                     | 6049 TRF SIG CBL (TY A) (16 AWG) (3 CONDR)   | LF   | 1325 |  |
| 0690                                     | 6137 VIVDS CABLE (INSTALL)                   | LF   | 1325 |  |
| 6306                                     | 6002 VIVDS CAM ASSY FXD LNS                  | EA   | 3    |  |

| ELECTRICAL SERVICE DATA |                                         |                       |                             |                    |                          |                         |                                 |                   |                            |                     |          |
|-------------------------|-----------------------------------------|-----------------------|-----------------------------|--------------------|--------------------------|-------------------------|---------------------------------|-------------------|----------------------------|---------------------|----------|
| Elec. Service ID        | Electrical Service Description          | Service *Conduit Size | Service Conductors No./Size | Safety Switch Amps | Main Ckt. Bkr. Pole/Amps | Lighting Contactor Amps | Panel/bd/ Loadcenter Amp Rating | Branch Dircuit ID | Branch Ckt. Bkr. Pole/Amps | Branch Circuit Amps | KVA Load |
| NO.1                    | ELC SRV TY D 120/240 060 (NS)SS(E)SP(O) | 1 1/4"                | 3/#6                        | N/A                | 2P/60                    | N/A                     | 100                             | SIGNAL            | 2P/30                      | 23                  | 6        |
|                         |                                         |                       |                             |                    |                          |                         |                                 | LIGHTING          | 2P/15                      | 2.13                |          |

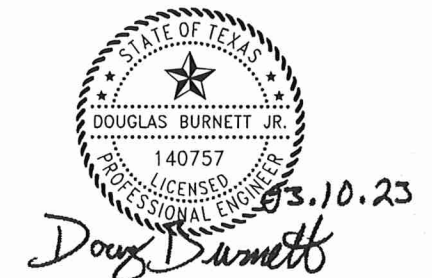
| SIGNAL POLE CONDUCTOR QUANTITIES |        |       |         |      |
|----------------------------------|--------|-------|---------|------|
| POLE                             | TYPE   | VIVDS |         | ILL  |
|                                  |        | CABLE |         | INS  |
|                                  |        | 3C#16 | COAXIAL | #8 C |
| POLE A                           | TIMBER | 10    | 10      | 15   |
| POLE B                           | TIMBER |       |         |      |
| POLE C                           | TIMBER | 5     | 5       | 15   |
| POLE D                           | TIMBER |       |         |      |
| POLE E                           | TIMBER | 10    | 10      | 15   |
| POLE F                           | TIMBER |       |         |      |
| TOTALS (LF)                      |        | 25    | 25      | 45   |

| CABLE TERMINATION CHART |                         |                         |                         |                         |                         |                         |                         |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CONDR COLOR             | CABLE 1                 | CABLE 2                 | CABLE 3                 | CABLE 4                 | CABLE 5                 | CABLE 6                 | CABLE 7                 |
|                         | HEAD 1 TO CNTRL 5 CONDR | HEAD 2 TO CNTRL 5 CONDR | HEAD 3 TO CNTRL 5 CONDR | HEAD 4 TO CNTRL 5 CONDR | HEAD 5 TO CNTRL 5 CONDR | HEAD 6 TO CNTRL 5 CONDR | HEAD 7 TO CNTRL 5 CONDR |
| BLACK                   | H3 Y ARW PHASE 1        | H4 Y PHASE 6            | H5 Y PHASE 6            | H1 Y PHASE 2            | H2 Y PHASE 2            | H6 Y PHASE 8            | H7 Y PHASE 8            |
| WHITE                   | SIGNAL COMMON           | SIGNAL COMMON           | SIGNAL COMMON           | SIGNAL COMMON           | SIGNAL COMMON           | SIGNAL COMMON           | SIGNAL COMMON           |
| RED                     | H3 R ARW PHASE 1        | H4 R PHASE 6            | H5 R PHASE 6            | H1 R PHASE 2            | H2 R PHASE 2            | H6 R PHASE 8            | H7 R PHASE 8            |
| GREEN                   | H3 G ARW PHASE 1        | H4 G PHASE 6            | H5 G PHASE 6            | H1 G PHASE 2            | H2 G PHASE 2            | H6 G (G ARW) PHASE 8    | H7 G (G ARW) PHASE 8    |
| ORANGE                  | SPARE                   | SPARE                   | SPARE                   | SPARE                   | SPARE                   | SPARE                   | SPARE                   |

2" Sch 40 Trench 1-10'  
1-10'  
1-5'  
25'  
0  
+25

3" RM Pole Mnt  
1-30'  
1-30'  
60'  
0  
+60

Refer to the redline mark-ups submitted by the contractor. Clean sheet from Engineer dated 3/10/23 is superseded.



|                                            |                     |             |                         |
|--------------------------------------------|---------------------|-------------|-------------------------|
| CHANGE ORDER NO.1                          |                     | DAB         | 3/10/2023               |
| NO.                                        | REVISION            | BY          | DATE                    |
|                                            |                     |             |                         |
| RONALD REAGAN BLVD. AT ELIZABETH PARK BLVD |                     |             |                         |
| TEMPORARY SIGNAL DETAILS AND SUMMARY       |                     |             |                         |
| Designed: ATG                              | FED. RD. DIV. NO. X | STATE TEXAS | FEDERAL AID PROJECT NO. |
| Checked: ATG                               | DIST.               | COUNTY      | SEE TITLE SHEET         |
| Drawn: ATG                                 | CONTROL NO.         | SECTION NO. | TITLE SHEET             |
| Checked: ATG                               | WILLIAMSON          | JOB NO.     | SHEET NO. 8             |



SUPERSEDED

Refer to redline mark-ups submitted by the contractor. This sheet is superseded.

| CONDUCTOR AND CONDUIT SCHEDULE |                 |                     |                |                      |               |              |               |              |             |             |       |
|--------------------------------|-----------------|---------------------|----------------|----------------------|---------------|--------------|---------------|--------------|-------------|-------------|-------|
| RUN NO.                        | RUN LENGTH (FT) | CONDUIT             |                | AERIAL SPAN WIRE     | POWER/GROUND  |              |               |              | SIGNAL      | VIVDS       |       |
|                                |                 | 3" SCH40 PVC TRENCH | 2" RM POLE MNT | WIRE STRAND 3/8" GUY | #8 AWG (BARE) | #8 AWG (INS) | #6 AWG (BARE) | #6 AWG (INS) | 5/C #12 AWG | 3/C #16 AWG | CABLE |
| 1                              | 40              |                     | 1              |                      |               | 2            |               | 3            | 1           |             |       |
| 1.1                            | 115             |                     |                | 2                    |               | 2            |               | 3            |             |             |       |
| 1.2                            | 40              |                     | 1              |                      |               | 2            |               | 3            |             |             |       |
| 2                              | 175             | 2                   |                |                      |               |              | 1             | 2            |             |             |       |
| 3                              | 195             | 2                   |                |                      | 1             | 2            |               |              |             |             |       |
| 4                              | 25              | 4                   |                |                      |               |              |               |              | 7           | 5           | 5     |
| 5                              | 25              |                     | 1              |                      |               | 3            |               |              | 7           | 5           | 5     |
| 6*                             | 125             |                     |                | 2                    |               |              |               |              | 3           |             |       |
| 7                              | 20              |                     |                | 2                    |               |              |               |              | 2           |             |       |
| 8                              | 25              |                     |                | 2                    |               |              |               |              | 1           |             |       |
| 9                              | 55              |                     |                | 2                    |               |              |               |              |             |             |       |
| 10                             | 105             |                     |                | 2                    |               | 3            |               |              | 4           | 3           | 3     |
| 11*                            | 155             |                     |                | 2                    |               | 3            |               |              | 4           | 2           | 2     |
| 12                             | 45              |                     |                | 2                    |               | 3            |               |              | 4           | 2           | 2     |
| 13                             | 30              |                     |                | 2                    |               | 3            |               |              | 3           | 2           | 2     |
| 14*                            | 125             |                     |                | 2                    |               | 3            |               |              | 2           | 2           | 2     |
| 15                             | 35              |                     |                | 2                    |               |              |               |              | 2           |             |       |
| 16                             | 25              |                     |                | 2                    |               |              |               |              | 1           |             |       |
| 17                             | 60              |                     |                | 2                    |               |              |               |              |             |             |       |
| TOTALS                         |                 | 840                 | 105            | 1840                 | 195           | 2235         | 175           | 935          | 2445        | 1275        | 1275  |

\* 50 FT ADDITIONAL LENGTH ADDED FOR FUTURE TCP PREPARATION. COIL AND MOUNT SLACK TO ADJACENT POLE.

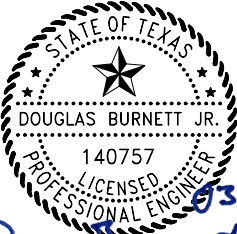
| CONDUCTORS/CABLE IN CABINET (LF) |             |              |            |
|----------------------------------|-------------|--------------|------------|
| 5/C (SIGNAL)                     | 3/C (VIVDS) | COAX (VIVDS) | NO. 8 BARE |
| 35                               | 25          | 25           | 5          |

| ELIZABETH PARK BLVD TEMP SIGNAL QUANTITY |                                         |      |      |  |
|------------------------------------------|-----------------------------------------|------|------|--|
| BID CODE                                 | DESCRIPTION                             | UNIT | QTY  |  |
| 0618 6029                                | CONDT (PVC) (SCH 40) (3")               | LF   | 860  |  |
| 0618 6070                                | CONDT (RM) (2")                         | LF   | 25   |  |
| 0620 6007                                | ELEC CONDR (NO.8) BARE                  | LF   | 205  |  |
| 0620 6008                                | ELEC CONDR (NO.8) INSULATED             | LF   | 1910 |  |
| 0620 6009                                | ELEC CONDR (NO.6) BARE                  | LF   | 185  |  |
| 0620 6010                                | ELEC CONDR (NO.6) INSULATED             | LF   | 370  |  |
| 0624 6010                                | GROUND BOX TY D (162922)W/APRON         | EA   | 2    |  |
| 0625 6003                                | ZINC-COAT STL WIRE STRAND (3/8")        | LF   | 1610 |  |
| 0628 6145                                | ELC SRV TY D 120/240 060 (NS)SS(E)SP(O) | EA   | 1    |  |
| 0680 6002                                | INSTALL HWY TRF SIG (ISOLATED)          | EA   | 1    |  |
| 0682 6001                                | VEH SIG SEC (12")LED(GRN)               | EA   | 6    |  |
| 0682 6002                                | VEH SIG SEC (12")LED(GRN ARW)           | EA   | 3    |  |
| 0682 6003                                | VEH SIG SEC (12")LED(YEL)               | EA   | 6    |  |
| 0682 6004                                | VEH SIG SEC (12")LED(YEL ARW)           | EA   | 1    |  |
| 0682 6005                                | VEH SIG SEC (12")LED(RED)               | EA   | 6    |  |
| 0682 6006                                | VEH SIG SEC (12")LED(RED ARW)           | EA   | 1    |  |
| 0682 6051                                | BACKPLATE W/REFL BRDR(3 SEC)ALUM        | EA   | 5    |  |
| 0682 6052                                | BACKPLATE W/REFL BRDR(4 SEC)ALUM        | EA   | 2    |  |
| 0684 6010                                | TRF SIG CBL (TY A) (12 AWG) (5 CONDR)   | LF   | 2480 |  |
| 0684 6049                                | TRF SIG CBL (TY A) (16 AWG) (3 CONDR)   | LF   | 1325 |  |
| 0690 6137                                | VIVDS CABLE (INSTALL)                   | LF   | 1325 |  |
| 6306 6002                                | VIVDS CAM ASSY FXD LNS                  | EA   | 3    |  |

| SIGNAL POLE CONDUCTOR QUANTITIES |        |       |         |      |
|----------------------------------|--------|-------|---------|------|
| POLE                             | TYPE   | VIVDS |         | ILL  |
|                                  |        | CABLE |         | INS  |
|                                  |        | 3C#16 | COAXIAL | #8 C |
| POLE A                           | TIMBER | 10    | 10      | 15   |
| POLE B                           | TIMBER |       |         |      |
| POLE C                           | TIMBER | 5     | 5       | 15   |
| POLE D                           | TIMBER |       |         |      |
| POLE E                           | TIMBER | 10    | 10      | 15   |
| POLE F                           | TIMBER |       |         |      |
| TOTALS (LF)                      |        | 25    | 25      | 45   |

| CABLE TERMINATION CHART |                         |                         |                         |                         |                         |                         |                         |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CONDR COLOR             | CABLE 1                 | CABLE 2                 | CABLE 3                 | CABLE 4                 | CABLE 5                 | CABLE 6                 | CABLE 7                 |
|                         | HEAD 1 TO CNTRL 5 CONDR | HEAD 2 TO CNTRL 5 CONDR | HEAD 3 TO CNTRL 5 CONDR | HEAD 4 TO CNTRL 5 CONDR | HEAD 5 TO CNTRL 5 CONDR | HEAD 6 TO CNTRL 5 CONDR | HEAD 7 TO CNTRL 5 CONDR |
| BLACK                   | H3 Y ARW PHASE 1        | H4 Y PHASE 6            | H5 Y PHASE 6            | H1 Y PHASE 2            | H2 Y PHASE 2            | H6 Y PHASE 8            | H7 Y PHASE 8            |
| WHITE                   | SIGNAL COMMON           | SIGNAL COMMON           | SIGNAL COMMON           | SIGNAL COMMON           | SIGNAL COMMON           | SIGNAL COMMON           | SIGNAL COMMON           |
| RED                     | H3 R ARW PHASE 1        | H4 R PHASE 6            | H5 R PHASE 6            | H1 R PHASE 2            | H2 R PHASE 2            | H6 R PHASE 8            | H7 R PHASE 8            |
| GREEN                   | H3 G ARW PHASE 1        | H4 G PHASE 6            | H5 G PHASE 6            | H1 G PHASE 2            | H2 G PHASE 2            | H6 G (G ARW) PHASE 8    | H7 G (G ARW) PHASE 8    |
| ORANGE                  | SPARE                   | SPARE                   | SPARE                   | SPARE                   | SPARE                   | SPARE                   | SPARE                   |

| ELECTRICAL SERVICE DATA |                                         |                       |                             |                    |                          |                         |                                 |                   |                            |                     |          |
|-------------------------|-----------------------------------------|-----------------------|-----------------------------|--------------------|--------------------------|-------------------------|---------------------------------|-------------------|----------------------------|---------------------|----------|
| Elec. Service ID        | Electrical Service Description          | Service *Conduit Size | Service Conductors No./Size | Safety Switch Amps | Main Ckt. Bkr. Pole/Amps | Lighting Contactor Amps | Panel/bd/ Loadcenter Amp Rating | Branch Dircuit ID | Branch Ckt. Bkr. Pole/Amps | Branch Circuit Amps | KVA Load |
| NO.1                    | ELC SRV TY D 120/240 060 (NS)SS(E)SP(O) | 1 1/4"                | 3/#6                        | N/A                | 2P/60                    | N/A                     | 100                             | SIGNAL LIGHTING   | 2P/30 2P/15                | 23 2.13             | 6        |



|                   |          |           |
|-------------------|----------|-----------|
| CHANGE ORDER NO.1 | DAB      | 3/10/2023 |
| NO.               | REVISION | BY DATE   |



RONALD REAGAN BLVD. AT ELIZABETH PARK BLVD

TEMPORARY SIGNAL DETAILS AND SUMMARY

|               |                      |             |                         |  |  |             |
|---------------|----------------------|-------------|-------------------------|--|--|-------------|
| Designed: ATG | FED. RD. DIST. NO. X | STATE TEXAS | FEDERAL AID PROJECT NO. |  |  | HIGHWAY NO. |
| Checked: ATG  | DIST.                | COUNTY      | SEE TITLE SHEET         |  |  | TITLE SHEET |
| Drawn: ATG    | CONTROL NO.          | SECTION NO. | JOB NO.                 |  |  | SHEET NO.   |
| Checked: ATG  | WILLIAMSON           |             |                         |  |  | 8           |