JERDON
Enterprise, L.P.

December 9, 2020

City of San Antonio
Transportation and Capital Improvements Department
Sean Reich
114 West Commerce
San Antonio, TX 78205

Re: Commerce Street: COR 1 Revision #2 – Plan revision quantity adjustments/added items (Jerdon received plan changes on 9/3/2020)

Dear Sean Reich:

Jerdon Enterprise, L.P. proposes to complete changes to the project per revised plans received 9/3/2020, for a total credit to the contract in the amount of ($164,409.52). Our detailed price breakdown is attached. All items are quantity under/overruns with fourteen exceptions. Please note the following:

1. It is our understanding that the SAWS manhole adjustments are included in the bid quantities.

2. Jerdon reserves the right to request additional time if CPS adjustments to these covers create delays to the project schedule.

3. At this time we have not received plans for cps light pole conduit. We reserve the right to submit a proposal for time and dollars (if needed) related to the conduit plan once received.

4. It is our opinion the changes made to item 618.3 for the 4" sch 40 PVC conduit for ITSD duct bank are significant enough to represent a scope change and warrant new pricing. Originally, this duct bank system was exclusively a 2-conduit in single trench system paid by the linear foot of conduit. The revised plans have eliminated 1 of the 2 conduits in 6 of the runs. The problem with that is we will be installing the same amount of trench, backfill, sand, etc. as we would have in the original plans for these runs, but now only get paid half the quantity for the single conduit runs and thus only have cost to cover half the trenching for these runs. Therefore, we propose a pricing adjustment to this item to represent the revised plans and revised trench-to-conduit ratio.

5. Be advised, 700LF of historical building face was added to the revised plan sheets received on 9/3/2020. Included is sheet #88, with notes highlighted that call out the additional work required by the contractor during demo and construction in order to maintain existing historical structures. This additional work was not considered at bid time, so a new line item has been included in this proposal request.

825 W. Bitters Road, Suite 203 • San Antonio, TX 78216
Phone (210) 590-1110 Fax (210) 590-7515

JERDON
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6. Be advised, there is one proposed new item related to ITSD work, 624.8 GROUND BOX TYPE D COVERS. This item was taken into account at bid time, and is covered in the associated bid item for ground boxes 624.8 GROUND BOXES TY 1(2X2X3) W/APRON. No items have been added or deducted on this change order for new item 624.8 on sheet #8.

7. Sheet 24 of the phase 0 TCP plans removed the detail that references 5" asphalt being placed as a temporary surface course for trenches repair. That detail was taken into consideration when pricing this project out at bid time. If the City requests Jerdon to perform any repairs to trenches in the roadway or sidewalk that are outside of the scope of the detail provided at bid time, Jerdon reserves the right to submit new pricing for compensation of the additional cost of that work.

8. Jerdon Enterprise, L.P. proposes to install a thermoplastic green bike lane on the project for a total add to the contract in the amount of $17,502.24. Please see the attached backup documentation for additional information about this change order request.

If there are any additional questions or comments, please call me at 210-590-1110.

Sincerely,

Sean Bradley
Project Manager

By: Jerdon Holding, L.L.C., General Partner

cc: Houston office
File-92doc18

825 W. Bitters Road, Suite 203 • San Antonio, TX 78216
Phone (210) 590-1110 Fax (210) 590-7515

1. SAWS manhole adjustments included in bid quantities:
    a. **Response:** Acknowledged
2. Jerdon reserves the right to request additional time if CPS adjustments to these covers create delays to the project schedule:
    a. **Response:** Acknowledged
3. Have not received CPS light pole conduit:
    a. **Response:** Acknowledged
4. Changes made to Item 618.3 for the 4" SCH 40 PVC
    a. **Response:** No response
5. 700 LF of Historical Buildings
    a. **Response:** No response.
6. ITSD Covers
    **a. Response:** A new price should be provided for the installation of the ground boxes and the purchase of the "covers only" since the ground boxes were provided and picked up by Jerdon.
7. Trench Repair
    a. **Response:** Acknowledged, however per RFI #17 Jerdon shall employ a maintenance plan for the temporary trench surfaces throughout their life on the project. Jerdon to monitor daily as well as add or correct asphalt in problem areas, if at any time PM Team determines it is not an acceptable solution. Material(s) will be removed, and repairs will be in accordance with Miscellaneous Construction Standards II plan sheet.
8. Bike Lane Thermoplastic Pavement Marking
    a. **Response:** AC-300 coating is for the striping along Main Street for the Bike lane crossing.

10/14/2020 **COMMERCE - CO 1 REVISION #2 BREAKDOWN OF QUANTITY CHANGES/ADJUSTMENTS, ADDS AND DEDUCTS**

PER PLAN REVISIONS RECEIVED ON 9/3/2020

| | SPEC | DESCRITION | UNIT | ORIGINAL QTY | FC QUANTITY CO 1 R1 | CO1B ADJUSTED QTYS | UNIT PRICE | ITEM TOTAL DOLLAR AMOUNT CO 1R1 | |
|---|---|---|---|---|---|---|---|---|---|
| | 618.1 | CONDUIT (2 INCH/PVC SCHEDULE 40) | LF | 4600.00 | 404.00 | 5004.00 | $40.00 | $16,160.00 | |
| | 618.2 | CONDUIT (3 INCH/PVC SCHEDULE 40) | LF | 239.00 | 515.00 | 754.00 | $35.00 | $18,025.00 | |
| | 619.3 | CONDUIT (4 INCH/PVC SCHEDULE 40) | LF | 4697.00 | -4697.00 | 0.00 | $78.50 | ($368,714.50) | *Note 4 |
| NEW | 618.3 | CONDUIT (4 INCH/PVC SCHEDULE 40)-REV | LF | 0.00 | 3736.00 | 3736.00 | $81.00 | $302,616.00 | *Note 4 |
| | 620.1 | ELECTRICAL CONDUCTORS (NO. 6)(BARE) | LF | 639.00 | 151.00 | 790.00 | $3.30 | $498.30 | |
| | 620.2 | ELECTRICAL CONDUCTORS (NO. 8)(BARE) | LF | 3109.00 | -18.00 | 3091.00 | $3.15 | ($56.70) | |
| | 620.3 | ELECTRICAL CONDUCTORS (NO. 6)(INSULATED) | LF | 1265.00 | 302.00 | 1567.00 | $3.30 | $996.60 | |
| | 633.1 | BATTERY BACKUP SYSTEM | EA | 4.00 | 1.00 | 5.00 | $9,000.00 | $9,000.00 | |
| | 655.2 | CONTROLLER PEDESTAL POST | EA | 5.00 | -5.00 | 0.00 | $370.00 | ($1,850.00) | |
| | 684.1 | TRAF SIG CBLS (TYPE A)(14 AWG)(CONDR NO.4) | LF | 7485.00 | 685.00 | 8170.00 | $3.10 | $2,123.50 | |
| | 684.1 | TRAF SIG CBLS (TYPE A)(14 AWG)(CONDR NO.9) | LF | 3360.00 | 12.00 | 3372.00 | $4.00 | $48.00 | |
| | 688.2 | PEDESTRIAN DETECTORS [2 INCH PUSH BUTTON] | EA | 40.00 | -40.00 | 0.00 | $200.00 | ($8,000.00) | |
| | 695.4 | EMERGENCY PREEMPTION DETECTOR CABLE | LF | 2185.00 | -12.00 | 2173.00 | $4.00 | ($48.00) | |
| | 416-6002 | DRILL SHAFT (24 IN) | LF | 319.00 | -77.00 | 242.00 | $530.00 | ($40,810.00) | |
| | 416-6003 | DRILL SHAFT (30 IN) | LF | 40.00 | -18.00 | 22.00 | $620.00 | ($11,160.00) | |
| | 416-6004 | DRILL SHAFT (36 IN) | LF | 160.00 | -43.00 | 117.00 | $670.00 | ($28,810.00) | |
| | | DRILL SHAFT (48 IN) | LF | 22.00 | -22.00 | 0.00 | $790.00 | ($17,380.00) | |
| | 690-6066 | INSTALL OF LUMINAIRE HEAD | EA | 9.00 | 2.00 | 11.00 | $700.00 | $1,400.00 | |
| | 690-6069 | INSTALL OF LUMINAIRE MAST ARMS | EA | 9.00 | 2.00 | 11.00 | $290.00 | $580.00 | |
| | XXX-XXXX | FEDS COMMUNICATION CBL (ETHERNET - CAT5e) | LF | 2196.00 | -36.00 | 2160.00 | $3.45 | ($124.20) | |
| | 687.X | POLE/BOLLARD BASE ASSEMBLY | EA | 63.00 | 2.00 | 65.00 | $4,405.00 | $8,810.00 | |
| | 16050.01 | SELUX PEDESTRIAN LIGHT W/ GFI RECEPTACLE | EA | 45.00 | -4.00 | 41.00 | $1,800.00 | ($7,200.00) | |
| | 16050.02 | SELUX POLE | EA | 45.00 | -4.00 | 41.00 | $5,950.00 | ($23,800.00) | |
| | 16050.03 | LIGHTED BOLLARDS | EA | 18.00 | 6.00 | 24.00 | $7,250.00 | $43,500.00 | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ~~NEW~~ | | ~~ADDT'L COST TO PURCHASE SELUX LIGHT POLE PKG~~ | ~~LS~~ | ~~0.00~~ | ~~1.00~~ | ~~1.00~~ | ~~9027.77~~ | | |
| | 500.1 | CONCRETE CURBING | LF | 3717.00 | -451.00 | 3266.00 | $18.00 | ($8,118.00) | |
| NEW | 0531 6041 | CURB RAMP (SPECIAL) | SY | 0.00 | 7.00 | 7.00 | $358.00 | $2,506.00 | |
| NEW | 531.25 | R10-11 NO TURN ON RED (HIGH DENSITY) | EA | 0.00 | 1.00 | 1.00 | $230.00 | $230.00 | |
| NEW | 531.67 | R9-6 (YIELD TO PEDS)(12X18)(HIGH DENSITY) | EA | 0.00 | 1.00 | 1.00 | $230.00 | $230.00 | |
| NEW | 531.XX | R9-7 (BICYCLES/PEDS) KEEP (LEFT/RIGHT)(12X18)(HIGH DENSITY) | EA | 0.00 | 2.00 | 2.00 | $230.00 | $460.00 | |
| NEW | 535.17 | BICYCLE RIDER SYMBOL | EA | 0.00 | 4.00 | 4.00 | $250.00 | $1,000.00 | |
| NEW | 535.XX | BICYCLE RIDER ARROW | EA | 0.00 | 3.00 | 3.00 | $250.00 | $750.00 | |
| NEW | 535.XX | BICYCLE SHADOW SYMBOL | EA | 0.00 | 1.00 | 1.00 | $250.00 | $250.00 | |
| NEW | 535.XX | WORD | EA | 0.00 | 1.00 | 1.00 | $250.00 | $250.00 | |
| NEW | 0678 6001 | PAV SURF PREP FOR MARK 4" | LF | 0.00 | 780.00 | 780.00 | $2.00 | $1,560.00 | |
| NEW | 536.11 | THERMOPLASTIC BIKE LANE GREEN | SF | 0.00 | 787.00 | 787.00 | $22.24 | $17,502.88 | *Note 8 |
| | 535.4 | 8 INCH WIDE WHITE LINE | LF | 1270.00 | 9.00 | 1279.00 | $2.50 | $22.50 | |
| | 535.7 | 24 INCH WIDE WHITE LINE (< 1,500 LF) | LF | 249.00 | 2.00 | 251.00 | $7.20 | $14.40 | |
| | 0666 XXXX | RE PV MRK TY I (BLACK) 8" (SHADOW)(100MIL) | LF | 1270.00 | -1270.00 | 0.00 | $2.90 | ($3,683.00) | |
| | 0666 XXXX | RE PV MRK TY I (BLACK) 12" (SHADOW)(100MIL) | LF | 72.00 | -72.00 | 0.00 | $5.20 | ($374.40) | |
| | 0666 XXXX | RE PV MRK TY I (BLACK) 24" (SHADOW)(100MIL) | LF | 249.00 | -249.00 | 0.00 | $9.20 | ($2,290.80) | |
| | 32 1540.01 | DECOMPOSED GRANITE MULCH FOR TREE WELLS - 12,2056 S.F. @ 3" DEPTH) | CY | 113.00 | 1.00 | 114.00 | $305.00 | $305.00 | |
| | 32 3300.07 | TREE GRATE | EA | 9.00 | -3.00 | 6.00 | $7,300.00 | ($21,900.00) | |
| | 04 4130.01 | BENCH - LIMESTONE BLOCK | EA | 8.00 | -1.00 | 7.00 | $700.00 | ($700.00) | |
| NEW | | REMOVE CPS LIGHT POLE & TOP 2' OF FOUNDATION | EA | 0.00 | 13.00 | 13.00 | $700.00 | $9,100.00 | |
| | 624.8 | GROUND BOXES TYPE 1 (2'X2'X3') W/APRON | EA | 18.00 | -7.00 | 11.00 | $3,600.00 | ($25,200.00) | |
| | 8001.1 | ITS TRAFFIC MONITORING CAMERA | EA | 6.00 | -6.00 | 0.00 | $6,300.00 | ($37,800.00) | |
| | 8001.2 | ITS TRAFFIC MONITORING CABLE | LF | 878.00 | -878.00 | 0.00 | $3.45 | ($3,029.10) | |
| NEW | | HISTORICAL PRESERVATION ADDITIONAL WORK | LF | 0.00 | 700.00 | 700.00 | $12.43 | $8,701.00 | *Note 5 |

| | |
|---|---|
| **TOTAL** | ($164,409.52) |

## THE LEVY COMPANY, INC.

OWNER: City of San Antonio
PROJECT: Downtown Streets: Commerce Street
LEVY COMPANY JOB NO. 2020-743
FIELD CHANGE: Revised Plans Project Wide (CO #1)
DATE: 8/26/2020

ITEM: ADDT'L COST TO PURCHASE SELUX LIGHT POLE PKG
QTY: 1 LS

| PRICING BREAKDOWN | | | | |
|---|---|---|---|---|
| MATERIAL | QUANT | UNIT | COST | AMOUNT |
| original cost Selux light poles ($242,880 LS for a total | -65 | EA | $ 3,520.00 | $ (228,800.00) |
| of 69 EA light poles = $3520/pole) | | | | $ - |
| revised cost Selux light poles ($235,678 LS for a total | 65 | EA | $ 3,625.82 | $ 235,678.30 |
| of 65 EA light poles = $3625.82/pole) | | | | $ - |
| | | | | |
| Sub Total | | | | $ 6,878.30 |
| 25% Compensation | | | | $ 1,719.58 |
| Total Material | | | | $ 8,597.88 |
| | | | | |
| LABOR | | HRS | AVER RATE | AMOUNT |
| | | | | $ - |
| | | | | $ - |
| | | | | $ - |
| | | | | |
| Raw Labor | | | | $ - |
| 55% Insurance & Taxes | | | | $ - |
| 25% Compensation | | | | $ - |
| Total Labor | | | | $ - |
| | | | | |
| EQUIPMENT | | HRS | AVER RATE | AMOUNT |
| | | | | $ - |
| | | | | |
| Sub Total | | | | $ - |
| 15% Compensation | | | | $ - |
| Total Equipment | | | | $ - |
| | | | | |
| SUBCONTRACTORS | QUANT | UNIT | UNIT PRICE | AMOUNT |
| | | | | $ - |
| | | | | |
| Sub Total | | | | $ - |
| 5% Compensation | | | | $ - |
| Total Subcontractor | | | | $ - |
| | | | | |
| FIELD CHANGE TOTAL | | | | $ 8,597.88 |
| ITEM | QUANT | UNIT | UNIT PRICE | AMOUNT |
| ADDT'L COST TO PURCHASE SELUX LIGHT POLE PK | 1 | LS | $ 8,597.88 | $ 8,597.88 |
| | | | | |

TECHLINE Inc.
1578 Wald Rd
New Braunfels, TX 78132

Phone (830) 608-0497
Fax (830) 608-0499
Tom's Mobile 210-844-2995
tom.soltis@techline-inc.com
Tracy's Mobile 210-289-4867
tracy.soltis@techline-inc.com
Nick's Mobile 858-335-4492
nicholas.daly@techline-inc.com

**Quoted To:** The Levy Company
16294 IH 35 North
Selma, TX 78154

**Date** August 25, 2020

**Attn:** Andy Ajas
**Project Name:** COSA- COMMERCE ST

| Item | Quantity | Catalog Number and/or Description | Unit Price | U/M | Total Price |
|---|---|---|---|---|---|
| A | 41 | SELUX MCB-10-DV3XX-REC2UP-PC-CN205624<br>W/ MEXTL-TS-1G3-40-XX-120-HL30 | | | |
| B | 24 | SELUX ELFB-3-TS-1G2-40-XX-120 | | | |
| | | XX= COLOR SELECTED BY ENGINEER | | | |
| | | TOTAL | | | $235,678.00 |

F.O.B. Point of Shipment, Terms: Net 30, Freight: Prepaid and ALLOWED

Unless otherwise stated, this quotation expires 30 days from the above date. All orders are subject to approval by our credit department. This proposal is offered as a complete package and any deviations from the quantites listed could result in price adjustments and/or withdrawal of the entire proposal. Techline, Inc. reserves the right to withdraw this quotation at any time prior to execution of a purchase order by both parties.

# Quote

**Job Name:** COSA Commerce Street Lighting Phase 1
**Quote #:** 20-36272-0
**Job Location:** San Antonio, Texas
**Issue Date:** 5/20/2020
**Good Through:** 8/17/2020
**Quoted By:** Wehmeyer, Eric

TECHLINE

PO #743-1057

**SPECTRUM LIGHTING INC**
12625 WETMORE RD
STE 124
SAN ANTONIO, TX 78247-3609
(Phn) 210-822-6140 EXT:
(Fax) 210-822-5967

**Quoted To:** Levy Company
4715 Rittiman Road
San Antonio, TX 78218

| Type | Qty | Manufacturer/Brand | Catalog # | Line Comment | Unit $ | Ext $ |
|---|---|---|---|---|---|---|
| A | 45 | Selux | MEXTL-TS-1G3-40-XX-120-HL30 | 45EA - 12' Tall Deco Pedestrian Light Pole - Internal LED & Driver, GFCI Recpetacle | | |
| A | 45 | Selux | MCB-10-DVXXSP-XX-REC2UP-PC-CN205624 | 45EA - Fixtures for the 12' poles | | |
| B | 24 | Selux | ELFB-3-TS-1G2-40-XX-120-HL30 | 24EA - 3' Tall Deco Bollard w/ Internal LED & Driver | | |
| | | | **1. FREIGHT INCLUDED** | | | |

CC LIGHT

**Grand Total: $242,880.00**

**Notes**

* This BOM MAY NOT MEET American Recovery and Reinvestment Act (ARRA) or Buy American requirements. Please advise if this requirement is part of the specification. We will issue a revised quote.
* Standard Manufactures Warranty Applies, NO EXCEPTIONS
* No Spares Included
* If On Site Services are Quoted in this bill of material are not to be confused with requirements of green initiatives or energy codes.

LEED certification defines commissioning as:
"... the process of verifying and documenting that a building and all of its systems and assemblies are planned, designed, installed, tested, operated, and maintained to meet the owner's project requirements."

IECC 2015 Code notes system commissioning will:
"...cover the commissioning of the building mechanical systems and electrical power and lighting systems in."

These commissioning requirements are NOT within the scope of the Spectrum On-Site Services Program and are not included in this quotation or submittal. We are not responsible for the 2015 Commercial Energy Compliance System Letter.
* * EC to provide cable takeoff prior to release.
If takeoff is not submitted, cable estimates will be assumed as approved. EC will be responsible for incurred charges to any cable modifications.
Available cable lengths: 2FT/5FT/10FT/30FT/50FT/100FT.

LEVY COMPANY

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

September 17, 2020

Mr. Sean Bradley
Jerdon Enterprise

Re: City of San Antonio
Project – Downtown Streets: Commerce Street
Project #40-00300
Levy Job #2020-743
Field Change – Revised Plans Project Wide (CO #1) **(REVISION #1)**

Dear Mr. Bradley:

We offer the attached field change price proposal in response to the CO #1 plan revisions for the illumination, traffic signal, and ITSD scopes on the project. The attached summary table details the resulting bid item quantity revisions based on our evaluation (our quantity take-off's) of the changes. All items are quantity under/overruns with two exceptions.

It is our opinion the changes made to item 618.3 for the 4" sch 40 PVC conduit for ITSD duct bank are significant enough to represent a scope change and warrant new pricing. Originally, this duct bank system was exclusively a 2-conduit in single trench system paid by the linear foot of conduit. The revised plans have eliminated 1 of the 2 conduits in 6 of the runs. The problem with that is we will be installing the same amount of trench, backfill, sand, etc. as we would have in the original plans for these runs, but now only get paid half the quantity for the single conduit runs and thus only have cost to cover half the trenching for these runs. Therefore, we propose a pricing adjustment to this item to represent the revised plans and revised trench-to-conduit ratio.

The other new bid item we propose is to compensate us for a vendor pricing increase on the Selux light pole package based on the new quantities and the revised part numbers on plan sheet 220. We have included backup documentation to explain how this additional cost was calculated.

Sincerely,

Digitally signed by Andy Ajas
Date: 2020.09.17 16:13:44 -05'00'

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

THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA
SKILL RESPONSIBILITY INTEGRITY

# Jerdon Enterprise, LP

CHANGE ORDER PROPOSAL:
Commerce Street ( St. Mary's to Santa Rosa)
9/18/2020

**DESCRIPTION:** This pricing is related to the additional historic preservation areas shown on Change Order #1 plan sheet 88 of 347. Approximately 700 lf of additional face of historical landmark areas were added to the plan sheet. This proposal is to cover the additional cost with working along side those areas. see worksheet for detail

**LABOR:**

| | quantity | unit | Rate | Total |
|---|---|---|---|---|
| labor (see worksheet) | 1 | ls | $2,940.00 | $2,940.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| TOTAL | | | | $2,940.00 |

**Materials:**

| | Quantity | Unit | Price | Total |
|---|---|---|---|---|
| material / supply - saw blades, plastic, | 1 | ls | $2,450.00 | $2,450.00 |
| plywood, boardss, etc as needed | | | | $0.00 |
| (see worksheet) | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| TOTAL | | | | $2,450.00 |

**Subcontractors:**

| | Quantity | Unit | Price | Total |
|---|---|---|---|---|
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| TOTAL | | | | $0.00 |

**Equipment:**

| | days | Hours | Rate | Total |
|---|---|---|---|---|
| walk behind saw | 3 | | $100.00 | $300.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| TOTAL | | | | $300.00 |

| | | |
|---|---|---|
| Labor | | $2,940.00 |
| Labor Burden | 55% | $1,617.00 |
| Labor Compensation | 25% | $735.00 |
| Material | | $2,450.00 |
| Material Compensation | 25% | $612.50 |
| Subcontractor | | $0.00 |
| Subcontractor Compensation | 5% | $0.00 |
| Equipment | | $300.00 |
| Equipment Compensation | 15% | $45.00 |
| SUBTOTAL | | $8,699.50 |
| **TOTAL** | | **$8,699.50** |

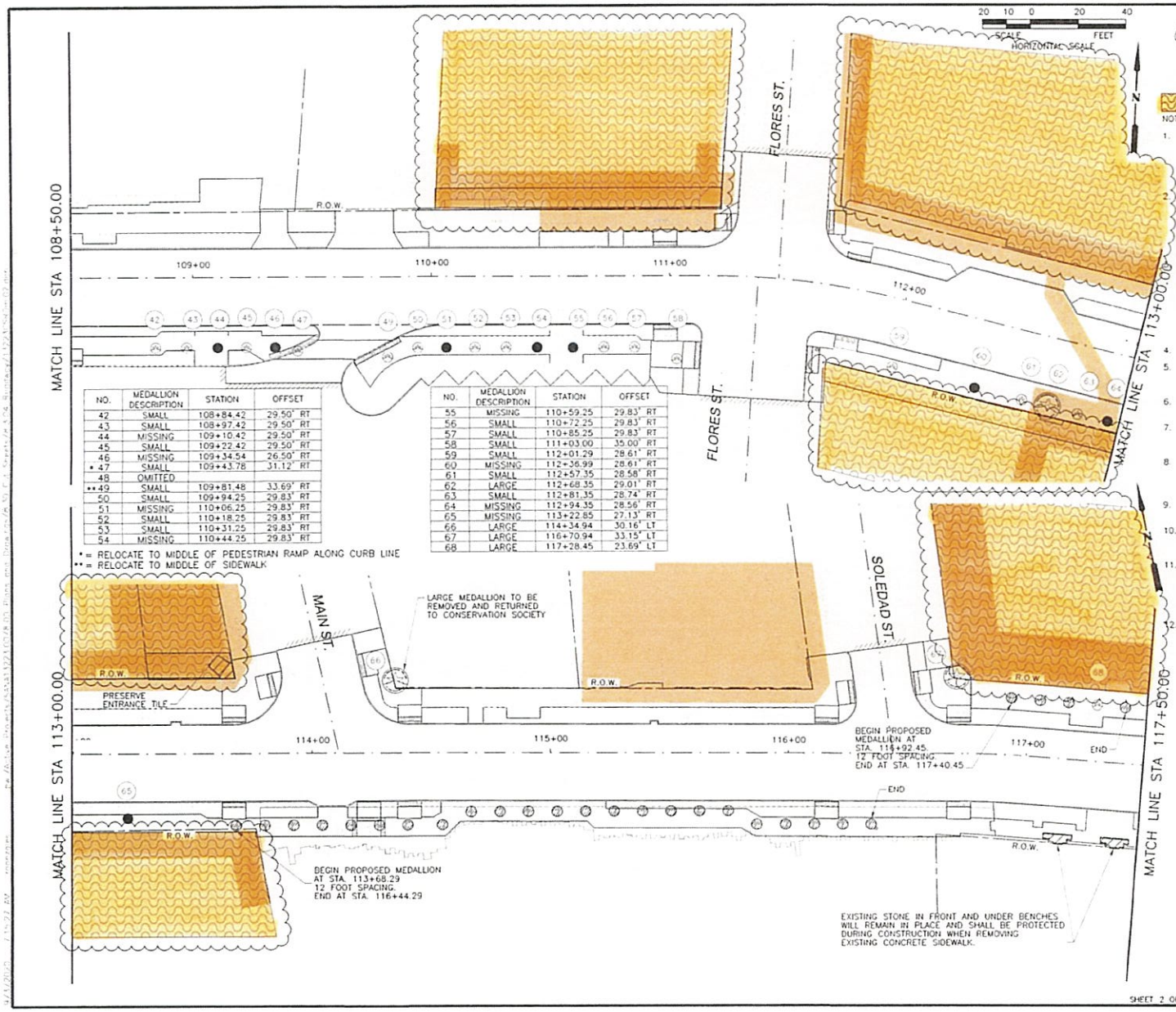
**Additional Days requested** 0

Commerce Street (St. Mary's St to Santa Rosa) - Proposal for add Historical Preservation in CO #1

BURDEN RATE 0%

| BID ITEM | DESCRIPTION | UNIT MSRE | ENGINRS QTY | HRLY RATE | MANHRS UNIT | LABOR UNIT | BURDEN UNIT | SUPPLIES UNIT | MATERIALS UNIT | SUB UNIT | EQUIP UNIT | OVRHD UNIT | UNIT COST | TOTAL COST |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | additional 700lf of historical preservation | | | | | 0.00 | 0.00 | | | | | | 0.00 | 0.00 |
| 2 | additional saw cut along building face | lf | 700.00 | 21.00 | 0.050 | 1.05 | 0.00 | 0.50 | | | | | 1.55 | 1,085.00 |
| 3 | walk behind saw | day | 3.00 | | | 0.00 | 0.00 | | | | 100.00 | | 100.00 | 300.00 |
| 4 | remove 1' sidewalk by hand | lf | 700.00 | 21.00 | 0.050 | 1.05 | 0.00 | | | | | | 1.05 | 735.00 |
| 5 | protect exisitng building / plywood, etc | lf | 700.00 | 21.00 | 0.100 | 2.10 | 0.00 | 3.00 | | | | | 5.10 | 3,570.00 |
| 6 | | | | | | 0.00 | 0.00 | | | | | | 0.00 | 0.00 |
| 7 | repair damage w approved historical | | | | | 0.00 | 0.00 | | | | | | 0.00 | 0.00 |
| 8 | commision contractor?? | | | | | 0.00 | 0.00 | | | | | | 0.00 | 0.00 |
| 9 | | | | | | 0.00 | 0.00 | | | | | | 0.00 | 0.00 |
| 10 | | | | | | 0.00 | 0.00 | | | | | | 0.00 | 0.00 |
| 11 | | | | | | 0.00 | 0.00 | | | | | | 0.00 | 0.00 |
| | ENGINEER'S BID TOTAL | | | | 140.000 | 2,940.00 | 0.00 | 2,450.00 | 0.00 | 0.00 | 300.00 | 0.00 | | 5,690.00 |

Contractor total dollar amount: 5,690.00




| NO. | MEDALLION DESCRIPTION | STATION | OFFSET |
|---|---|---|---|
| 42 | SMALL | 108+84.42 | 29.50' RT |
| 43 | SMALL | 108+97.42 | 29.50' RT |
| 44 | MISSING | 109+10.42 | 29.50' RT |
| 45 | SMALL | 109+22.42 | 29.50' RT |
| 46 | MISSING | 109+34.54 | 26.50' RT |
| * 47 | SMALL | 109+43.78 | 31.12' RT |
| 48 | OMITTED | | |
| **49 | SMALL | 109+81.48 | 33.69' RT |
| 50 | SMALL | 109+94.25 | 29.83' RT |
| 51 | MISSING | 110+06.25 | 29.83' RT |
| 52 | SMALL | 110+18.25 | 29.83' RT |
| 53 | SMALL | 110+31.25 | 29.83' RT |
| 54 | MISSING | 110+44.25 | 29.83' RT |

| NO. | MEDALLION DESCRIPTION | STATION | OFFSET |
|---|---|---|---|
| 55 | MISSING | 110+59.25 | 29.83' RT |
| 56 | SMALL | 110+72.25 | 29.83' RT |
| 57 | SMALL | 110+85.25 | 29.83' RT |
| 58 | SMALL | 111+03.00 | 35.00' RT |
| 59 | SMALL | 112+01.29 | 28.61' RT |
| 60 | MISSING | 112+36.99 | 28.61' RT |
| 61 | SMALL | 112+57.35 | 28.58' RT |
| 62 | LARGE | 112+68.35 | 29.01' RT |
| 63 | SMALL | 112+81.35 | 28.74' RT |
| 64 | MISSING | 112+94.35 | 28.56' RT |
| 65 | MISSING | 113+22.85 | 27.13' RT |
| 66 | LARGE | 114+34.94 | 30.16' LT |
| 67 | LARGE | 116+70.94 | 33.15' LT |
| 68 | LARGE | 117+28.45 | 23.69' LT |

* = RELOCATE TO MIDDLE OF PEDESTRIAN RAMP ALONG CURB LINE
** = RELOCATE TO MIDDLE OF SIDEWALK

## LEGEND

- LARGE MEDALLION
- SMALL MEDALLION
- MISSING MEDALLION
- PROPOSED MEDALLION
- HISTORIC LANDMARK
- LIMITS OF CONSTRUCTION
- BASEMENTS
- PRESERVE
- AREA CONSTRUCTED BY OTHERS

NOTES:

1. CONTRACTOR TO CONSTRUCT NEW SIDEWALK NEXT TO THE SAW CUT EDGE WITH INSTALLATION OF EXPANSION JOINTS IN BETWEEN. OR IF EXISTING SIDEWALK IS TO BE REMOVED ENTIRELY, THE REMAINING 1 FOOT NEXT TO THE HISTORIC STRUCTURE WILL BE REMOVED BY HAND AND AN EXPANSION JOINT WILL PLACE IN BETWEEN THE HISTORIC STRUCTURE AND THE NEW SIDEWALK.
2. CONTRACTOR IS RESPONSIBLE FOR PREVENTING DAMAGE TO HISTORIC STRUCTURE DURING THE ENTIRE CONSTRUCTION PROJECT, ESPECIALLY DURING REMOVAL OF EXISTING SIDEWALK, CURB, ETC. DURING THE SAW CUT AND HAND REMOVAL PROCESS, CONTRACTOR WILL EXERCISE UTMOST CAUTION AND WILL PHYSICALLY PROTECT HISTORIC STRUCTURE, FOUNDATION, MATERIALS, ELEVATIONS, ENTRYWAYS WITH DECORATIVE FLOORING, AND HISTORIC SIDEWALK ELEMENTS.
3. CONTRACTOR TO REPAIR OR REPLACE IN KIND, AT HIS OWN EXPENSE, ANY HISTORIC MATERIALS DAMAGED IN THE COURSE OF EXECUTING THE WORK; CONTRACTOR IS RESPONSIBLE FOR LOCATING REPLACEMENT SOURCE FOR HISTORIC MATERIALS DAMAGED IN THE COURSE OF WORK; TEXAS HISTORICAL COMMISSION TO BE INFORMED OF DAMAGE AND PROPOSED REPAIRS PRIOR TO EXECUTION OF REPAIR WORK. TEXAS HISTORICAL COMMISSION, OFFICE OF HISTORIC PRESERVATION, AND TCI EMD STAFF MUST BE NOTIFIED PRIOR TO EXECUTION OF ANY REPAIR WORK.
4. FACADES ARE TO BE PROTECTED, INCLUDING ENTRANCES AS NOTED.
5. SPECIAL CARE SHALL BE TAKEN WHEN WORKING ON SIDEWALK ALONG THE SAN ANTONIO RIVER BRIDGE TO PREVENT ANY DAMAGE TO RAIL (SAME CARE THAT IS GIVEN TO HISTORICAL FACADES).
6. REMOVE AND REINSTALL ALL MEDALLIONS IN NEW SIDEWALK IN SAME LOCATION AS EXISTING UNLESS OTHERWISE NOTED.
7. REPLACE ANY MISSING MEDALLIONS WITH NEW ONES AS NEEDED. ADDITIONAL MEDALLIONS WILL BE PROVIDED BY COSA OFFICE OF HISTORIC PRESERVATION.
8. WHEN INSTALLING MEDALLIONS, THE TOP OF THE MEDALLION SHALL BE LEVEL WITH THE FINISH GRADE OF THE SIDEWALK AND SHALL BE EPOXY IN PLACE. THIS WORK WILL BE SUBSIDIARY TO BID ITEM 502.1 "CONCRETE SIDEWALK". NO DIRECT PAYMENT WILL BE PROVIDED.
9. REMOVAL AND SALVAGE OF MEDALLIONS WILL EE SUBSIDIARY TO BID ITEM 101.1 "PREP ROW". NO DIRECT PAYMENT WILL BE PROVIDED.
10. ALL EXCAVATION ACTIVITIES MUST BE MONITORED BY AN ARCHAEOLOGIST. PLEASE REFER TO EPIC SHEET FOR DETAILED INFORMATION PERTAINING TO ARCHAEOLOGICAL MONITORING.
11. MONITORING WELLS MUST BE PRESERVED. NEW SIDEWALK ELEVATION WILL REQUIRE WELL ADJUSTMENT. CONTRACTOR MUST PROVIDE 72 HOURS NOTICE TO TCI EMD PRIOR TO WORKING IN THESE AREAS. TCI EMD POINT OF CONTACT FOR THIS TASK IS LETY ARZATE (210-207-1408) ANY DAMAGE TO THE MONITORING WELLS BY THE CONTRACTOR WILL REQUIRE REPAIR AT THEIR EXPENSE.
12. REFER TO ENVIRONMENTAL OVERSIGHT LAYOUT FOR ADDITIONAL INFORMATION.

9/3/2020

STATE OF TEXAS
JAIME AGUILAR
87606
LICENSED
PROFESSIONAL ENGINEER

⚠ ADDED BUILDINGS TO HISTORIC LANDMARK RG 09/2020

CP&Y
10500 SAN PEDRO AVE., SUITE 450
SAN ANTONIO, TEXAS 78216
TEXAS REGISTERED ENGINEERING FIRM F-1741
TELEPHONE NUMBER (210) 494-8004 FAX NUMBER (210) 494-8286 INTERNET ADDRESS www.cpy.com

CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET

# HISTORIC PRESERVATION LAYOUTS

STA 108+50.00 TO STA 117+50.00

| | | | |
|---|---|---|---|
| 100 % SUBMITTAL | PROJECT NO. 40-00000 | | DATE 9/3/2020 |
| DRWN BY: RG, MRH | DSGN BY: RG | CHKD BY: JA | SHEET NO. 44 OF 347 |

SHEET 2 OF 3

RECEIVED SEP 03 2020

JERDON
SAFETY • QUALITY • MAINTENANCE
Enterprise, L.P.

November 20, 2020

City of San Antonio
Transportation and Capital Improvements Department
Sean Reich
114 West Commerce
San Antonio, TX 78205

Re: Commerce Street: PRN #3 response to City request to adjust Item #6 received 11/16/2020

Dear Sean Reich:

Jerdon Enterprise, L.P. provides the following response to Item #6 ITSD Covers received on 11/16/2020:

*Item 624.8 GROUND BOXES TY 1 (2x2x3) W/APRON is an item that was first bid in the May 2020 pricing exercise. Note 1 sheet 242 of the plan set that was current at the time (stamped 5/15/2020) states ITSD to provide the boxes without covers. Our bid price took that note into account; therefore, we believe there should not be any further re-pricing of this previously established bid item.*

Please approve this proposal request per the above response. If there are any additional questions or comments, please call me at 210-590-1110.

Sincerely,

Sean Bradley
Project Manager

By: Jerdon Holding, L.L.C., General Partner

cc: Houston office
File-92doc13

825 W. Bitters Road, Suite 203 • San Antonio, TX 78216
Phone (210) 590-1110 Fax (210) 590-7515

JERDON
Enterprise, L.P.

September 1, 2020

City of San Antonio
Transportation and Capital Improvements Department
Sean Reich
114 West Commerce
San Antonio, TX 78205

Re: Commerce Street: COR 2 – Thermoplastic Bike Lane Item 536

Dear Sean Reich:

Jerdon Enterprise, L.P. proposes to install a thermoplastic green bike lane on the project for a total add to the contract in the amount of $17,502.24. Please see the attached backup documentation for additional information about this change order request. Please add 1 day to the contract to complete this work.

If there are any additional questions or comments, please call me at 210-590-1110.

Sincerely,

Sean Bradley
Project Manager

By: Jerdon Holding, L.L.C., General Partner

cc: Houston office
File-92doc4

825 W. Bitters Road, Suite 203 • San Antonio, TX 78216
Phone (210) 590-1110 Fax (210) 590-7515

## Sean Bradley

**From:** Brandon White
**Sent:** Friday, August 28, 2020 4:56 PM
**To:** Jaime Aguilar; Brent Watson; John De La Rosa (TCI); John Kaznowski; Sean Bradley; Sean Reich (TCI); Steven Cordell (PWD)
**Cc:** SANA13223.00; Rodolfo Gonzales
**Subject:** RE: Commerce - AC-300 coating green

Same sf area? So it will be solid thermo? How about the color? Thanks

BRANDON WHITE
JERDON ENTERPRISE
OFFICE (210)-590-1110
FAX (210)-590-7515
MOBILE (210)-722-5591

---

**From:** Jaime Aguilar [mailto:jaguilar@cpyi.com]
**Sent:** Friday, August 28, 2020 4:47 PM
**To:** Brandon White; Brent Watson; John De La Rosa (TCI); John Kaznowski; Sean Bradley; Sean Reich (TCI); Steven Cordell (PWD)
**Cc:** SANA13223.00; Rodolfo Gonzales
**Subject:** RE: Commerce - AC-300 coating green

Brandon,

Disregard the spec I attached earlier. City direction is to use thermoplastic; City Item 536.

**Jaime Aguilar, PE**

---

**From:** Jaime Aguilar
**Sent:** Thursday, August 27, 2020 7:49 PM
**To:** Brandon White <brandon@jerdonlp.com>; Brent Watson <brent@jerdonlp.com>; John De La Rosa (TCI) <John.DeLaRosa@sanantonio.gov>; John Kaznowski <jkaznowski@cectexas.com>; Sean Bradley <sean@jerdonlp.com>; Sean Reich (TCI) <Sean.Reich@sanantonio.gov>; Steven Cordell (PWD) <Steven.Cordell@sanantonio.gov>
**Cc:** SANA13223.00 <SANA13223.00@cpyi.onmicrosoft.com>; Rodolfo Gonzales <rgonzales@cpyi.com>
**Subject:** RE: Commerce - AC-300 coating green

Brandon,

The AC-300 coating is for the striping along Main Street for the Bike lane crossing; see Page 314 of 418 of the plan PDF. You seem to be correct the Spec is not in the Project Manual. I'll have to update the Project Manual, but here is the spec.

Thanks,

**Jaime Aguilar, PE**

---

**From:** Brandon White <brandon@jerdonlp.com>
**Sent:** Thursday, August 27, 2020 4:19 PM

**To:** Brent Watson <brent@jerdonlp.com>; Jaime Aguilar <jaguilar@cpyi.com>; John De La Rosa (TCI) <John.DeLaRosa@sanantonio.gov>; John Kaznowski <jkaznowski@cectexas.com>; Sean Bradley <sean@jerdonlp.com>; Sean Reich (TCI) <Sean.Reich@sanantonio.gov>; Steven Cordell (PWD) <Steven.Cordell@sanantonio.gov>
**Subject:** FW: Commerce - AC-300 coating green

Jaime
Can you direct me to spec and or lay out of the AC-300? Trying to get this CO to the team tonight and that's one of the last items we are left figuring out. Thanks

BRANDON WHITE
JERDON ENTERPRISE
OFFICE (210)-590-1110
FAX (210)-590-7515
MOBILE (210)-722-5591

---

**From:** Gilbert Solis [mailto:gsolis@flasherequipment.com]
**Sent:** Thursday, August 27, 2020 4:12 PM
**To:** Sean Bradley
**Cc:** Brandon White
**Subject:** RE: Commerce - AC-300 coating green

Yes sir , I could not find it , can you ask the engineer to send over the spec and the plan sheet that shows where this item will be place at ?

**Gilbert Solis**
Estimator
5827 W US Hwy 90 San Antonio, TX 78227
Office Phone: (210) 736-4251 EXT: 159
Cell Phone: (210 825-0587

---

**From:** Sean Bradley <sean@jerdonlp.com>
**Sent:** Thursday, August 27, 2020 2:04 PM
**To:** Gilbert Solis <gsolis@flasherequipment.com>
**Cc:** Brandon White <brandon@jerdonlp.com>
**Subject:** Commerce - AC-300 coating green

Gilbert,

Need a price for this Ac-300 green coating. Index says that it is shown on plan sheet #2 of the striping plan. I can't find it, can you take a look please and shoot over a price as soon as you have it available? Need to get this change order in today if possible. Let me know if you can't figure it out, and we will rfi it.

Sean Bradley

Office: (210)-590-1110  Cell: (830) 992-1868 Fax: (210) 590-7515
825 W. Bitters Road Suite 203
San Antonio, TX 78216

Prop Num: 13701E
Date: 08/31/20

# FLASHER Equipment Co

MAIN OFFICE:
5827 W US Hwy 90
San Antonio Tx 78227
Office: 210.736.4251
Fax: 210.736.2084

*SBE Vendor Number: 11468*

CITY: SAN ANTONIO TX
HIGHWAY: DOWNTOWN STREETS - COMMERCE STREET
ST MARYS STREET TO SANTA ROSA AVE

Proposal Submitted To:
CHANGE ORDER - ADDED BID ITEM

Total Bid Amount $ 16,099.75

| Bid Item Number | Bid Item Description | U/M | QTY (Approx.) | Unit Price | Extended |
|---|---|---|---|---|---|
| | MOBILIZATION | EA | 1.000 | 950.000 | 950.00 |
| | BIKE BOX & COLORED LANES (GREEN) (PREFORMED) | SF | 787.000 | 19.250 | 15,149.75 |
| | | | | | $ 16,099.75 |

**QTYS'S ARE ESTIMATES ONLY
GC WILL BE BILLED FOR ACTUAL QTY'S INSTALLED , A CHANGE ORDER WILL BE REQUIRED IF ADDITIONAL ITEMS ARE REQUESTED**

THIS BID IS BASED ON A MUTUALLY AGREED TO AND ACCEPTED CONTRACT
If agreed upon, this proposal shall be attached to and become a part of any contract executed between Flasher Equipment Company and the General Contractor

Move-In(s) For: Permanent Markings: 1
Temporary Markings: 1

Additional Move-Ins: $950.00

** Flasher Equipment Company does not indemnify General Contractor or Project Owners for accidents, injury or death caused solely by General Contractor or Project Owners active or passive negligence.*
** Prices exclude all AGC dues and bonds*

**THESE CONDITIONS APPLY TO THIS JOB:**

****TAXES NOT INCLUDED****

NO PRIOR CLEANING
CONTROL POINTS SET EVERY 50 FT
ALL NO-PASS MARKINGS SHALL BE LOCATED BY GEN.
ELIMINATION OF EXISTING MARKINGS BY MILLING FLAILS

WK ZONE MARKINGS PRICED AS BUTTONS & MARKERS
MINIMUM 2 WEEK NOTICE REQUIRED TO MOVE-IN

*Authorized Signature:* John Crysup

*NOTE: This proposal may be withdrawn if not accepted within 30 days.*
*Prices quoted are pending compliance with credit terms and conditions.*

Company Name: _____ Date: _____

Authorized By: _____ Title: _____

# Jerdon Enterprise, LP

CHANGE ORDER PROPOSAL: BIKE LANE THERMOPLASTIC ITEM 536
Commerce Street ( St. Mary's to Santa Rosa)
9/1/2020

**DESCRIPTION:**

**LABOR:**

| | Days | Hours | Rate | Total |
|---|---|---|---|---|
| SUPERINTENDENT | 1 | 8 | $37.50 | $300.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| TOTAL | | | | $300.00 |

**Materials:**

| | Quantity | Unit | Price | Total |
|---|---|---|---|---|
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| TOTAL | | | | $0.00 |

**Subcontractors:**

| | Quantity | Unit | Price | Total |
|---|---|---|---|---|
| FLASHER - MOBILIZATION | 1 | LS | $950.00 | $950.00 |
| BIKE BOX & COLORED LANES (GREEN)(PREFORMED) | 1 | LS | $15,149.75 | $15,149.75 |
| | | | | $0.00 |
| TOTAL | | | | $16,099.75 |

**Equipment:**

| | days | Hours | Rate | Total |
|---|---|---|---|---|
| SUPERINTENDENT VEHICLE | 1 | 1 | $50.00 | $50.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| | | | | $0.00 |
| TOTAL | | | | $50.00 |

| | | |
|---|---|---|
| Labor | | $300.00 |
| Labor Burden | 55% | $165.00 |
| Labor Compensation | 25% | $75.00 |
| Material | | $0.00 |
| Material Compensation | 25% | $0.00 |
| Subcontractor | | $16,099.75 |
| Subcontractor Compensation | 5% | $804.99 |
| Equipment | | $50.00 |
| Equipment Compensation | 15% | $7.50 |
| SUBTOTAL | | $17,502.24 |
| **TOTAL** | | **$17,502.24** |

**Additional Days requested** 0

**Proposal Request - Negotiations**

## Proposal Request - Negotiations

General

| | |
|---|---|
| Project Number: 23-01568 | Project Name: H - Commerce St (St Mary's St - Santa Rosa St) |
| Record Number: PRN-0000003 | Status: In_Progress |
| Title: CO 1 revision 1 plans received sep 3 2020 | SAP Contract No.: 4600019370 |
| Creator: Sean Bradley | Creation Date: 09/18/2020 09:45 AM (UTC-8) |
| Type Contract: Construction | Vendor Name: JERDON ENTERPRISE LP |
| Agency: City | Submit To: Consultant |
| On-Call Contract?: No | Special Contract: No |
| Contract Amount: 9,848,597.60 | Previous Contract Changes: 0.00 |
| Contract #: 4600019370 | Contract Change Percentage: -1.67 |
| Change to Contract Cost: -164,411.02 | Change to Calendar Days: 0 |
| Contract Change Request: | Field Work Directive Item: |

Description of Change

Description of Change: Please see attached.
This change order proposal is in regards to the plan revisions provided to the contractor on 9/3/2020, which is an update of 27 pages not included in the original change order 1 pricing received on 8/12/2020.

Justification for Proposed Change:

Ordinance Information

Change Order Council Threshold: 100,000.00

Vendor Information

| | |
|---|---|
| SAP Vendor No.: 0001022288 | |
| Vendor Address 1: 13403 REDFISH | Vendor Address 2: |
| Vendor City: STAFFORD | Vendor State: TX |
| | Vendor Zip Code: 77477 |
| Vendor Phone Number: 281 261-5000 | Vendor Fax Number: 281 261-5500 |

## Tab_workflow Task Details

From: Jaime Aguilar
To: John Kaznowski
Cc:
Sent For: **Project Team Const Accept**

Task Due Date: **12/08/2020**
Task Status: Not Started
Task Notes (1)

Workflow Progress

| Step Name | Assignee | Company | Status | Action | Completion Date |
|---|---|---|---|---|---|
| Creation | Sean Bradley | Jerdon | Completed | Submit | 09/18/2020 09:45 AM |
| Consultant Const Review Initial | Jaime Aguilar | cpyi | Completed | To Project Team Const Accept | 10/07/2020 01:13 PM |
| Project Team Const Accept | John Kaznowski | CEC | Closed | To Contractor Revise | 10/09/2020 03:13 PM |
| Contractor Revise | Sean Bradley | Jerdon | Closed | To Consultant Review | 10/15/2020 09:17 AM |
| Consultant Const Review | Jaime Aguilar | cpyi | Closed | To Project Team Accept | 11/16/2020 02:51 PM |
| Project Team Const Accept | John Kaznowski | CEC | Closed | To Contractor Revise | 11/18/2020 03:11 PM |
| Contractor Revise | Sean Bradley | Jerdon | Completed | To Consultant Review | 11/20/2020 10:19 AM |
| Consultant Const Review | Jaime Aguilar | cpyi | Completed | To Project Team Accept | 12/04/2020 08:02 AM |
| Project Team Const Accept | John Kaznowski | CEC | Not Started | | |

## Record - General Comments

8 Item(s)

| Comment Date | Created By | Company |
|---|---|---|
| 09/18/2020 09:45 AM (UTC-8) | Sean Bradley | Jerdon |

| Comment Text |
|---|
| please see attached |

| Attachments |
|---|
| 3 - COR 1 Rev 1 - Plan revisions rec 9-3-2020 - Commerce.pdf |

| | | |
|---|---|---|
| 10/07/2020 01:13 PM (UTC-8) | Jaime Aguilar | cpyi |

| Comment Text |
|---|
| |

| Attachments |
|---|
| 3 - COR 1 Rev 1 - Plan revisions rec 9-3-2020 - Commerce_Resp.pdf |

| | | |
|---|---|---|
| 10/09/2020 03:13 PM (UTC-8) | John Kaznowski | CEC |

| Comment Text |
|---|
| |

| | | |
|---|---|---|
| 10/15/2020 09:17 AM (UTC-8) | Sean Bradley | Jerdon |

| Comment Text |
|---|
| Please see the attached revised change order request. |

| Attachments |
|---|
| COR 3 - CO Plans 1B Rev #2 - Commerce.pdf |

11/16/2020 02:51 PM (UTC-8) Jaime Aguilar cpyi

| Comment Text |
| --- |
| See attached comments |
| Attachments |
| Commerce CO_ResponsesRev#2_CPY.docx |

11/18/2020 03:11 PM (UTC-8) John Kaznowski CEC

| Comment Text |
| --- |
| |

11/20/2020 10:19 AM (UTC-8) Sean Bradley Jerdon

| Comment Text |
| --- |
| Please see attached response to item #6 |
| Attachments |
| CO3 Respone #2 - ITSD cover COSA inquiry and response - Commerce.pdf |

12/04/2020 08:02 AM (UTC-8) Jaime Aguilar cpyi

| Comment Text |
| --- |
| CP&Y has reviewed the CO request and recommends approval based on Jerdon's comments dated 11/20/2020. |

**Linked Records (0)** **Linked Mail (0)**

| ITEM NO. | DESCRIPTION | UNIT | QUANTITY |
|---|---|---|---|
| 100.1 | MOBILIZATION | L.S. | 1 |
| 100.2 | INSURANCE & BOND | L.S. | 1 |
| 101.1 | PREPARING RIGHT OF WAY | L.S. | 1 |
| | | | |
| | TCP | | |
| XXX.4 | PLASTIC BARRIER W/FENCE (INSTALL) | L.F. | 930.0 |
| XXX.5 | PLASTIC BARRIER W/FENCE (MOVE) | L.F. | 2,580.0 |
| XXX.6 | PLASTIC BARRIER W/FENCE (REMOVE) | L.F. | 930.0 |
| XXX.7 | TEMPORARY PEDESTRIAN ACCESS | EA. | 30.0 |
| 533.1 | CLEANING AND REMOVAL OF PAVEMENT MARKINGS AND MARKERS | L.F. | 1,271.0 |
| 533.2 | CLEANING AND REMOVAL OF PAVEMENT MARKINGS AND MARKERS | EA. | 12.0 |
| 540.7 | CONSTRUCTION PERIMETER FENCE (INSTALL) | L.F. | 804.0 |
| 540.71 | CONSTRUCTION PERIMETER FENCE (MOVE) | L.F. | 144.0 |
| 540.72 | CONSTRUCTION PERIMETER FENCE (REMOVE) | L.F. | 804.0 |
| XXX.X | OFF-DUTY POLICE OFFICER | HR | 240.0 |
| 0502 6001 | BARRICADES, SIGNS AND TRAFFIC HANDLING | MO | 16.0 |
| 6001 6001 | PORTABLE CHANGEABLE MESSAGE SIGN | DAY | 36.0 |
| 9002 | SITE CLEANING | STA | 20.0 |
| 9003 | TEMPORARY SUSPENSION OF WORK FOR SPECIAL EVENTS (WHOLE) | DAY | 10.0 |
| 9003 | TEMPORARY SUSPENSION OF WORK FOR SPECIAL EVENTS (PART) | EA | 10.0 |
| | | | |
| | ROADWAY | | |
| 103.12 | REMOVE CONCRETE CURB | L.F. | 3,711.0 |
| 103.31 | REMOVE CONCRETE SIDEWALKS & DRIVEWAYS | S.F. | 20,811.0 |
| 104.1 | STREET EXCAVATION | C.Y. | 5,159.0 |
| 107.1 | EMBANKMENT (FINAL)(ORD COMP)(TY A) | C.Y. | 100.0 |
| 108.1 | LIME TREATED SUBGRADE (6" COMPACTED DEPTH) | S.Y. | 7,700.0 |
| 108.2 | LIME | TON. | 121.0 |
| 205.22 | HOT MIX ASPHALTIC PAVEMENT, TYPE B (4" COMP. DEPTH) (PG 64-22) | S.Y. | 7,216.0 |
| 205.27 | HOT MIX ASPHALTIC PAVEMENT, TYPE B (10" COMP. DEPTH) (PG 64-22) | S.Y. | 484.0 |
| 205.3 | HOT MIX ASPHALTIC PAVEMENT, TYPE C (2" COMP. DEPTH) (PG 70-22) | S.Y. | 264.0 |
| 205.33 | HOT MIX ASPHALTIC PAVEMENT, TYPE C (4" COMP. DEPTH) | S.Y. | 398.0 |
| 208.1 | SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT(2" DEPTH) | S.Y. | 264.0 |
| 500.1 | CONCRETE CURBING | L.F. | 3,256.0 |
| 500.4 | CONCRETE CURB & GUTTER | L.F. | 164.0 |
| 502.11 | CONCRETE SIDEWALKS | S.Y. | 2,118.0 |
| 502.1X | CONCRETE SIDEWALK (SUB-SLAB) | S.Y. | 660.0 |
| 502.3 | ROOF DRAIN (1' WIDE) | EA | 16.0 |
| XXX.X | OVERLAY PAVING TYPE 1 | SF | 9,477.0 |
| XXX.X | OVERLAY PAVING TYPE 2 | SF | 1,887.0 |
| 505.11 | PORTLAND CEMENT CONCRETE DRIVEWAYS (HES) | S.Y. | 509.0 |
| 618.20 | CONDUIT (3 INCH/PVC SCHEDULE 40) | L.F. | 503.0 |
| 687.10 | PEDESTAL POLE ASSEMBLY | EA | 8.0 |
| 0354 6002 | PLAN & TEXT CONC PAV(0" TO 2") | SY | 264.0 |
| 0354 6016 | PLAN & TEXT CONC PAV (0" TO 1 1/2") | SY | 281.0 |
| 0360 6020 | CONC PVMT (JOINTED - CPCD)(10") | SY | 5,068.0 |
| 0360 6067 | CONC PVMT (JOINTED - CPCD)(HES)(10") | SY | 1,472.0 |
| 0360 XXXX | CONC PVMT (JOINTED - CPCD)(10")(AGGREGATE FINISH) | SY | 172.0 |
| 0416 6002 | DRILL SHAFT (24 IN) | LF | 56.0 |
| 0528 6006 | REMOVE AND RELAY PAVERS | SY | 147.0 |
| 0529 6038 | CONC CURB (RIBBON) | LF | 318.0 |
| 0531 6024 | CURB RAMPS (TY 7) | EA | 28.0 |
| 0531 6041 | CURB RAMP (SPECIAL) | SY | 7.0 |
| | | | |
| | DRAINAGE | | |
| 401.1 | REINFORCED CONCRETE PIPE (CLASS III)(24" DIA) | L.F. | 18.0 |
| 401.13 | REINFORCED CONCRETE PIPE (CLASS III)(30" DIA) | L.F. | 7.0 |
| 401.16 | REINFORCED CONCRETE PIPE (CLASS III)(36" DIA) | L.F. | 17.0 |
| 401.111 | REINFORCED CONCRETE PIPE (CLASS III)(42" DIA) | L.F. | 9.0 |
| 0465 6039 | INLET (COMPL)(PCU) (5 FT)(RIGHT) | EA | 1.0 |
| 0465 6042 | INLET (COMPL)(PCU) (6 FT)(LEFT) | EA | 1.0 |
| 0465 6343 | INLET (COMPL)(TRAFFIC)(TY X-1) | EA | 1.0 |
| | | | |
| | SW3P | | |
| 0506 6037 | SANDBAGS FOR EROSION CONTROL (12") | LF | 48.0 |
| 0506 6040 | BIODEG EROSN CONT LOGS (INSTL)(8") | LF | 173.0 |
| 0506 6043 | BIODEG EROSN CONT LOGS (REMOVE) | LF | 173.0 |
| | | | |
| | STRUCTURAL | | |
| 307.12 | CONCRETE STRUCTURE (MISCELLANEOUS) | C.Y. | 2.0 |
| 307.2 | CONCRETE STRUCTURE (ELEVATED SIDEWALKS) | C.Y. | 13.0 |
| | | | |
| | TRAFFIC & SIGNALS | | |
| 531.3 | R1-1 STOP (30")(HIGH DENSITY) | EA | 1.0 |
| 531.8 | R3-2 NO LEFT TURN (24"X24")(HIGH DENSITY) | EA | 1.0 |
| 531.14 | R3-8 LANE-USE CONTROL (30"X30")(HIGH DENSITY) | EA | 1.0 |
| 531.18 | R5-1 DO NOT ENTER (30"X30")(HIGH DENSITY) | EA | 1.0 |

| | TRAFFIC & SIGNALS | | |
|---|---|---|---|
| 531.19 | R6-1 ONE WAY (36"X12")(HIGH DENSITY) | EA | 11.0 |
| 531.21 | R7-1 NO PARKING ANYTIME (18"X24")(HIGH DENSITY) | EA | 1.0 |
| 531.22 | R7-1B NO PARKING THIS SIDE/THIS BLOCK (18"X24")(HIGH DENSITY) | EA | 7.0 |
| 531.25 | R10-11 NO TURN ON RED (HIGH INTERSITY) | EA | 1.0 |
| 531.59 | SPECIAL SIGN (HIGH DENSITY) | EA | 2.0 |
| 531.67 | R9-6 (YIELD TO PEDS)(12"X18")(HIGH INTENSITY) | EA | 1.0 |
| 531.XX | M1-1 (I) INTERSTATE ROUTE (24"X24")(HIGH DENSITY) | EA | 2.0 |
| 531.XX | M3-4 (B) CARDINAL DIRECTION (24"X12")(HIGH DENSITY) | EA | 1.0 |
| 531.XX | M4-5 (B) TO (24"X12")(HIGH DENSITY) | EA | 1.0 |
| 531.XX | M5-6 (B) RIGHT LANE (24"X18")(HIGH DENSITY) | EA | 1.0 |
| 531.XX | M6-5 (B) DIRECTIONAL ARROW (21"X15")(HIGH DENSITY) | EA | 1.0 |
| 531.XX | R9-7 (BICYCLES/PEDS) KEEP (LEFT/RIGHT)(12"X18")(HIGH DENSITY) | EA | 2.0 |
| 535.4 | 8 INCH WIDE WHITE LINE | LF | 1279.0 |
| 535.5 | 12 INCH WIDE WHITE LINE | LF | 72.0 |
| 535.7 | 24 INCH WIDE WHITE LINE ( < 1,500 LF) | LF | 251.0 |
| 615.1 | TRAFFIC SIGNAL CONTROLLER ASSEMBLY (TYPE 332 CABINET) | EA | 5.0 |
| 618.1 | CONDUIT (2 INCH/PVC SCHEDULE 40) | LF | 5004.0 |
| 618.2 | CONDUIT (3 INCH/PVC SCHEDULE 40) | LF | 251.0 |
| 618.3 | CONDUIT TRENCHED (4 INCH SCHDULE 40) | LF | 3716.0 |
| 620.1 | ELECTRICAL CONDUCTORS (NO. 6)(BARE) | LF | 790.0 |
| 620.2 | ELECTRICAL CONDUCTORS (NO. 8)(BARE) | LF | 3091.0 |
| 620.3 | ELECTRICAL CONDUCTORS (NO. 6)(INSULATED) | LF | 1567.0 |
| 620.X | ELECTRICAL CONDUCTORS (NO. 8)(INSULATED) | LF | 1528.0 |
| 624.X | GROUND BOXES TYPE 1 (30"W X 48"L X 36"D) W/APRON | EA | 20.0 |
| 624.8 | GROUND BOXES TYPE 1 (2'X2'X3') W/APRON | EA | 12.0 |
| 624.8 | GROUND BOXES TYPE D (16922) W/APON | EA | 23.0 |
| 624.8 | GROUND BOX TYPE D COVERS | EA | 7.0 |
| 628.1 | ELECTRICAL SERVICES (PER INSTALLATION) | EA | 4.0 |
| 633.1 | BATTERY BACKUP SYSTEM | EA | 5.0 |
| 535.17 | BICYCLE RIDER SYMBOL | EA | 4.0 |
| 535.XX | BICYCLE ARROW | EA | 3.0 |
| 535.XX | BICYCLE SHARROW SYMBOL | EA | 1.0 |
| 535.XX | WORD | EA | 1.0 |
| 536.11 | THERMOPLASTIC BIKE LANE GREEN | SF | 787.0 |
| 636.X | ALUMINUM SIGNS (TYPE A) | SF | 50.0 |
| 655.1 | TYPE 332 CONTROLLER FOUNDATION | EA | 5.0 |
| 680.2 | INSTALLATION OF HIGHWAY TRAFFIC SIGNALS (SYSTEM) | EA | 6.0 |
| 681.X | TEMPORARY TRAFFIC SIGNALS (PER INTERSECTION) | EA | 6.0 |
| 682.1 | INSTALL VEHICLE SIGNAL SECTION WITH BACK PLATE (3 SECONDS) | EA | 30.0 |
| 682.3 | INSTALL VEHICLE SIGNAL SECTION WITH BACK PLATE (5 SECONDS) | EA | 4.0 |
| 683.1 | LED COUNTDOWN PEDESTRIAN MODULE | EA | 40.0 |
| 684.1 | ILSN CABLES (TYPE A)(14 AWG)(CONDUSTOR NO. 4) | LF | 1884.0 |
| 684.1 | PEDESTRIAN SIGNAL CABLES (TYPE A)(14 AWG)(CONDUSTOR NO. 4) | LF | 5637.0 |
| 684.1 | BICYCLE SIGNAL CABLES (TYPE A)(14 AWG)(CONDUSTOR NO. 4) | LF | 649.0 |
| 684.1 | TRAFFIC SIGNAL CABLES (TYPE A)(14 AWG)(CONDUCTOR NO.9) | LF | 3372.0 |
| 686.1 | INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(1 ARM 28') | EA | 1.0 |
| 686.1 | INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(1 ARM 36') | EA | 7.0 |
| 686.1 | INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(1 ARM 40') | EA | 1.0 |
| 686.1 | INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(1 ARM 48') | EA | 1.0 |
| 687.1 | PEDESTAL POLE ASSEMBLY | EA | 30.0 |
| 687.X | PEDESTAL POLE ASSEMBLY (LIS POLE) | EA | 1.0 |
| 688.3 | AUDIBLE PEDESTRIAN SIGNAL UNITS (TYPE) | EA | 40.0 |
| 693.1 | INTERNALLY LIGHTED STREET NAME SIGNS (ILSN SIGN 8' S) | EA | 12.0 |
| 695.2 | EMERGENCY PREEMPTION PHASE SELECTOR | EA | 6.0 |
| 695.3 | EMERGENCY PREEMPTION DETECTOR | EA | 12.0 |
| 695.4 | EMERGENCY PREEMPTION DETECTOR CABLE | LF | 2173.0 |
| 0416 6002 | DRILL SHAFT (24 IN) | LF | 186.0 |
| 0416 6003 | DRILL SHAFT (30 IN) | LF | 22.0 |
| 0416 6004 | DRILL SHAFT (36 IN) | LF | 117.0 |
| 0668 6218 | REFL PAV MRK TY B (BLACK) 4"(SHADOW) | LF | 780.0 |
| 0668 6005 | PREFAB PAV MRK TY B (W)(4")(BRK)CNTST | LF | 780.0 |
| 0678 6001 | PAV SURF PREP FOR MRK (4") | LF | 780.0 |
| 0680 6004 | REMOVING TRAFFIC SIGNALS | EA | 6.0 |
| 690-6065 | INSTALL OF LUMINAIRE HEAD | EA | 9.0 |
| 690-6069 | INSTALL OF LUMINAIRE MAST ARMS | EA | 9.0 |
| 6089 XXX | FEDS PROCESSOR UNIT | EA | 6.0 |
| 6089 XXX | FEDS FISH EYE CAMERA ASSEMBLY | EA | 6.0 |
| 6089 XXX | FEDS COMMUNICATION CABLE (ETHERNET - CAT5e) | LF | 2160.0 |

REV. AS PER CHANGE ORDER NO. 1 08/2020 RG

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CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET

# ESTIMATE AND QUANTITY SHEETS

NO. & SUBMITTAL | PROJECT NO. 434-0330 | DATE: 9/2/2020
DRAWN BY: RG, MWA | DSGN BY: MG | CHKD BY: JA | SHEET NO. 8 OF 342

9/2/2020 cpyantdaks pw:\Active Projects\Sahai\139234.00\4.00 Plans and Drawings\8.30 Cut Sheets\8.3.02 Summaries\139234SGEstn01.dgn

| CITY OF SAN ANTONIO SPEC NO. | | 615.1 | 618.1 | 618.2 | 620.1 | 620.2 | 620.3 | 620.3 | 624.6 | 628.1 | 633.1 | 636.1 | 655.1 | 655.2 | 680.2 | 681.1 | 682.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHEET NO. | INTERSECTION ON COMMERCE STREET | TRAFFIC SIGNAL CONTROLLER ASSEMBLY (TYPE 332 CABINET) | CONDUIT (2 INCH/PVC SCHEDULE 40) | CONDUIT (3 INCH/PVC SCHEDULE 40) | ELECTRICAL CONDUCTORS (NO. 6)(BARE) | ELECTRICAL CONDUCTORS (NO. 8)(BARE) | ELECTRICAL CONDUCTORS (NO. 6)(INSULATED) | ELECTRICAL CONDUCTORS (NO. 8) (INSULATED) | GROUND BOXES TYPE D (162922) W/ APRON | ELECTRICAL SERVICES (PER INSTALLATION) | BATTERY BACKUP SYSTEM | ALUMINUM SIGNS (TYPE A) | TYPE 332 CONTROLLER FOUNDATION | CONTROLLER PEDESTAL POST | INSTALLATION OF HIGHWAY TRAFFIC SIGNALS (SYSTEM) | TEMPORARY TRAFFIC SIGNALS | INSTALL VEHICLE SIGNAL SECTION WITH BACK PLATE (3 SECONDS) |
| | | EA | LF | LF | LF | LF | LF | LF | EA | EA | EA | SF | EA | EA | EA | EA | EA |
| 237 | ST. MARYS STREET | 1 | 717 | 24 | 354 | 483 | 708 | 130 | 3 | 1 | 1 | 20 | 1 | 0 | 1 | 1 | 6 |
| | SOLEDAD STREET | 0 | 693 | 38 | 13 | 13 | 13 | 480 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 |
| | N. MAIN STREET | 1 | 595 | 38 | 13 | 594 | 26 | 221 | 4 | 1 | 1 | 7 | 1 | 0 | 1 | 1 | 5 |
| | N. FLORES STREET | 1 | 782 | 33 | 119 | 729 | 238 | 316 | 4 | 1 | 1 | 23 | 1 | 0 | 1 | 1 | 6 |
| | CAMARON STREET | 1 | 833 | 10 | 168 | 675 | 336 | 181 | 5 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 5 |
| | LAREDO STREET | 1 | 666 | 108 | 123 | 597 | 246 | 248 | 4 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 5 |
| | PROJECT TOTALS | 5 | 4220 | 251 | 790 | 3091 | 1567 | 1578 | 23 | 4 | 5 | 50 | 5 | 0 | 6 | 6 | 30 |

| CITY OF SAN ANTONIO SPEC NO. | | 682.3 | 683.1 | 684.1 | 684.1 | 684.1 | 684.1 | 686.1 | 686.1 | 686.1 | 686.1 | 686.1 | 686.1 | 687.1 | 687.1 | 688.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SHEET NO. | INTERSECTION ON COMMERCE STREET | INSTALL VEHICLE SIGNAL SECTION WITH BACK PLATE (5 SECONDS) | LED COUNTDOWN PEDESTRIAN MODULE | ILSN CABLES (TYPE A)(14 AWG) (CONDUCTOR NO.4) | PEDESTRIAN SIGNAL CABLES (TYPE A)(14 AWG) (CONDUCTOR NO.4) | BICYCLE SIGNAL CABLES (TYPE A)(14 AWG) (CONDUCTOR NO.4) | TRAFFIC SIGNAL CABLES (TYPE A)(14 AWG) (CONDUCTOR NO.9) | INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(1 ARM 36') (24' POLE) | INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(1 ARM 24') (30' POLE) | INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(1 ARM 28') (30' POLE) | INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(1 ARM 36') (30' POLE) | INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(1 ARM 40') (30' POLE) | INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL)(1 ARM 48') (30' POLE) | PEDESTAL POLE ASSEMBLY | PEDESTAL POLE ASSEMBLY (15' POLE) | PEDESTRIAN DETECTORS (2 INCH PUSH BUTTON) |
| | | EA | EA | LF | LF | LF | LF | EA | EA | EA | EA | EA | EA | EA | EA | EA |
| | ST. MARYS STREET | 0 | 4 | 136 | 462 | 0 | 348 | 0 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 |
| | SOLEDAD STREET | 0 | 6 | 513 | 1721 | 0 | 674 | 0 | 0 | 0 | 1 | 0 | 0 | 5 | 0 | 0 |
| | N. MAIN STREET | 0 | 6 | 227 | 618 | 649 | 420 | 0 | 0 | 1 | 1 | 0 | 0 | 5 | 0 | 0 |
| | N. FLORES STREET | 1 | 8 | 327 | 888 | 0 | 645 | 0 | 0 | 0 | 1 | 1 | 1 | 5 | 0 | 0 |
| | CAMARON STREET | 0 | 8 | 184 | 992 | 0 | 638 | 0 | 0 | 0 | 1 | 0 | 0 | 6 | 1 | 0 |
| | LAREDO STREET | 0 | 8 | 495 | 956 | 0 | 647 | 0 | 1 | 0 | 1 | 0 | 0 | 6 | 0 | 0 |
| | PROJECT TOTALS | 1 | 40 | 1882 | 5637 | 649 | 3372 | 0 | 1 | 1 | 7 | 1 | 1 | 30 | 1 | 0 |

| CITY OF SAN ANTONIO SPEC NO. | | 688.3 | 693.1 | 695.2 | 695.3 | 695.4 | 8001.1 | 8001.2 |
|---|---|---|---|---|---|---|---|---|
| SHEET NO. | INTERSECTION ON COMMERCE STREET | AUDIBLE PEDESTRIAN SIGNAL UNITS | INTERNALLY LIGHTED STREET NAME SIGNS (ILSN SIGN 8' S) | EMERGENCY PREEMPTION PHASE SELECTOR | EMERGENCY PREEMPTION DETECTOR | EMERGENCY PREEMPTION DETECTOR CABLE | ITS TRAFFIC MONITORING CAMERA | ITS TRAFFIC MONITORING CAMERA CABLE |
| | | EA | EA | EA | EA | LF | EA | LF |
| | ST. MARYS STREET | 4 | 2 | 1 | 2 | 180 | 0 | 0 |
| | SOLEDAD STREET | 6 | 1 | 1 | 1 | 578 | 0 | 0 |
| | N. MAIN STREET | 6 | 2 | 1 | 2 | 263 | 0 | 0 |
| | N. FLORES STREET | 8 | 3 | 1 | 3 | 409 | 0 | 0 |
| | CAMARON STREET | 8 | 1 | 1 | 1 | 206 | 0 | 0 |
| | LAREDO STREET | 8 | 3 | 1 | 3 | 537 | 0 | 0 |
| | PROJECT TOTALS | 40 | 12 | 6 | 12 | 2173 | 0 | 0 |

| TXDOT SPEC NO. | | 416-6002 | 416-6003 | 416-6004 | 416-6006 | 680-6004 | 690-6066 | 690-6069 | 6089-XXX | 6089-XXX | 6089-XXX |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SHEET NO. | INTERSECTION ON COMMERCE STREET | DRILL SHAFT (24 IN) | DRILL SHAFT (30 IN) | DRILL SHAFT (36 IN) | DRILL SHAFT (48 IN) | REMOVING TRAFFIC SIGNALS | INSTALL OF LUMNAIRE HEAD | INSTALL OF LUMNAIRE MAST ARMS | FEDS FISH EYE CAMERA ASSEMBLY | FEDS PROCESSOR UNIT | FEDS COMMUNICATION CABLE (ETHERNET - CAT5e) |
| | | LF | LF | LF | LF | EA | EA | EA | EA | EA | LF |
| | ST. MARYS STREET | 18 | 0 | 26 | 0 | 1 | 2 | 2 | 1 | 1 | 168 |
| | SOLEDAD STREET | 30 | 0 | 13 | 0 | 1 | 1 | 1 | 1 | 1 | 592 |
| | N. MAIN STREET | 30 | 11 | 13 | 0 | 1 | 1 | 1 | 1 | 1 | 108 |
| | N. FLORES STREET | 30 | 0 | 39 | 0 | 1 | 2 | 2 | 1 | 1 | 384 |
| | CAMARON STREET | 42 | 0 | 13 | 0 | 1 | 1 | 1 | 1 | 1 | 362 |
| | LAREDO STREET | 36 | 11 | 13 | 0 | 1 | 2 | 2 | 1 | 1 | 546 |
| | PROJECT TOTALS | 186 | 22 | 117 | 0 | 6 | 9 | 9 | 6 | 6 | 2160 |

⚠ UPDATED QUANTITIES, ADDED NEW ITEMS AND DELETED OTHER ITEMS


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CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET

# TRAFFIC SIGNAL SUMMARY

| | | | |
|---|---|---|---|
| ED & SURVEYTAN | PROJECT NO.: 40-0300 | | DATE: 5/2020 |
| DRAWN BY: AG | DSGN BY: AG | CHKD BY: AG | SHEET NO.: 19 OF 147 |


9/2/2020 4:07:17 PM cagarzales rw:\Active Projects\SAN\13223.00\9.00 Plans and Drawings\9.30 Cut Sheets\9.3.1.1 Signing and Striping\13223_Traffic_SUM02.dgn

| | RUN NUMBER | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PVC SCH 40 | CONDUIT SIZE IN INCHES | 4 | 2 | | | 4 | 4 | 4 | | | 2 | 4 | 4 | | 4 | 2 | 4 | | 2 | | 4 |
| | NUMBER OF CONDUITS | 2 | 1 | | | 1 | 2 | 2 | | | 1 | 2 | 2 | | 1 | 2 | 2 | | 1 | | 2 |
| | LENGTH OF RUN IN (FT) | 5 | 56 | | | 53 | 46 | 46 | | | 17 | 50 | 26 | | 44 | 288 | 70 | | 8 | | 255 |
| | TRENCH | T | T | | | T | T | T | | | T | T | T | | T | T | T | | T | | T |
| TRACER | METALLIC | YES | YES | | | YES | YES | YES | | | YES | YES | YES | | YES | YES | YES | | YES | | YES |
| CABLE | PULL LINE | YES | YES | | | YES | YES | YES | | | YES | YES | YES | | YES | YES | YES | | YES | | YES |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

| | RUN NUMBER | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PVC SCH 40 | CONDUIT SIZE IN INCHES | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | | | 4 | 4 | 2 | | | 4 | 4 |
| | NUMBER OF CONDUITS | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | | | 2 | 2 | 1 | | | 2 | 2 |
| | LENGTH OF RUN IN (FT) | 72 | 194 | 32 | 68 | 103 | 46 | 10 | 234 | 50 | 39 | | | 517 | 48 | 4 | | | 73 | 40 |
| | TRENCH | T | T | T | T | T | T | T | T | T | T | | | T | T | T | | | T | T |
| TRACER | METALLIC | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | | | YES | YES | YES | | | YES | YES |
| CABLE | PULL LINE | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | | | YES | YES | YES | | | YES | YES |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

NOTE:

1. ALL ISTD GROUND BOXES SHOULD BE TxDOT TYPE D, UNLESS OTHERWISE NOTED
2. COVER LABELED "COSA COMMUNICATION"
3. CONDUIT IS 2" OR 4" SCHEDULE 40 PVC, BASED ON SCHEDULE
4. NO MORE THAN (2) 90 DEGREE BENDS BETWEEN GROUND BOXES
5. MINIMUM BEND RADUIS IS 10 TIMES THE DIAMETER (10X2" = 20" RADIUS BENDS)
6. MINIMUM CONDUIT DEPTH OF 36 INCHES FROM TOP OF CONDUIT TO FINISH GRADE
7. MINIMUM 3 INCHES OF SAND ABOVE AND BELOW THE CONDUIT
8. ORANGE METALLIC TRACER 12" BELOW FINISH GRADE LABELED "TELECOMMUNICATIONS"

1 REVISED CONDUIT NUMBERS, LINEAR FT OF RUNS AND DELETED CONDUITS

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TBPLS No. 10193922

CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET

ITS SUMMARY

| | | | |
|---|---|---|---|
| 100 % SUBMITTAL | PROJECT NO.: 40-01323 | | DATE: 02/2023 |
| DRWN BY: AG | DSGN BY: AG | CHKD BY: AG | SHEET NO. 14 OF |

9/2/2020 3:54:43 PM rrodriguez nw:/Active Projects/SAN41323.00/8.00 Plans and Drawings/8.30 Cut Sheets/8.3.1.1 Signing and Striping/13223_ITS_SUM03.dgn

| CITY OF SAN ANTONIO SPEC NO. | | 531.3 | 531.8 | 531.14 | 531.18 | 531.19 | 531.21 | 531.22 | 531.25 | 531.59 | 531.67 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SHEET NO. | STATION TO STATION | R1-1 STOP (30")(HIGH DENSITY) | R3-2 NO LEFT TURN (24"X24")(HIGH DENSITY) | R3-8 LANE-USE CONTROL (30"X30")(HIGH DENSITY) | R5-1 DO NOT ENTER (30"X30")(HIGH DENSITY) | R6-1 ONE WAY (36"X12")(HIGH DENSITY) | R7-1 NO PARKING ANYTIME (18"X24")(HIGH DENSITY) | R7-18 NO PARKING THIS SIDE/THIS BLOCK (18"X24")(HIGH DENSITY) | R10-11 NO TURN ON RED (HIGH INTENSITY) | SPECIAL SIGN (HIGH DENSITY) | R9-6 (YIELD TO PEDS)(12"x18")(HIGH INTENSITY) |
| | | EA | EA | EA | EA | EA | EA | EA | EA | EA | EA |
| 1 | 100+00 - 108+50 | 1 | 1 | 1 | 1 | 6 | 0 | 4 | 0 | 0 | 0 |
| 2 | 108+50 - 117+50 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 1 | 0 | 1 |
| 3 | 117+50 - 126+00 | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 2 | 0 |
| | PROJECT TOTALS | 1 | 1 | 1 | 1 | 11 | 1 | 7 | 1 | 2 | 1 |

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| CITY OF SAN ANTONIO SPEC NO. | | 531.XX | 531.XX | 531.XX | 531.XX | 531.XX | 531.XX | 535.4 | 535.5 | 535.7 |
|---|---|---|---|---|---|---|---|---|---|---|
| SHEET NO. | STATION TO STATION | M1-1T INTERSTATE ROUTE (24"X24")(HIGH DENSITY) | M3-4B CARDINAL DIRECTION (24"X12") (HIGH DENSITY) | M4-5B TO (24"X12")(HIGH DENSITY) | M5-0B RIGHT LANE (24"X18")(HIGH DENSITY) | M6-3B DIRECTIONAL ARROW (21"X15")(HIGH DENSITY) | R9-7 (BICYCLES/ PEDS) KEEP (LEFT/RIGHT) (12"X18")(HIGH DENSITY) | 8 INCH WIDE WHITE LINE | 12 INCH WIDE WHITE LINE | 24 INCH WIDE WHITE LINE |
| | | EA | EA | EA | EA | EA | EA | LF | LF | LF |
| 1 | 100+00 - 108+50 | 1 | 1 | 0 | 1 | 0 | 0 | 394 ⚠ | 0 | 91 |
| 2 | 108+50 - 117+50 | 1 | 0 | 1 | 0 | 1 | 2 | 819 | 0 | 160 |
| 3 | 117+50 - 126+00 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 72 | 0 |
| | PROJECT TOTALS | 2 | 1 | 1 | 1 | 1 | 2 | 1279 | 72 | 251 |

⚠

| TXDOT SPEC NO. | | 535.17 | 535.XX | 535.XX | 535.XX | 536.XX | 666 66225 | 668 6005 | 668 6005 | 678 6001 |
|---|---|---|---|---|---|---|---|---|---|---|
| SHEET NO. | STATION TO STATION | BICYCLE RIDER SYNBOL | BICYCLE ARROW | BICYCLE SHARROW SYMBOL | WORD | THERMOPLASTIC BIKE LANE GREEEN | REFL PAVMRK TY II (BLACK) 4"(SHADOW) | PREFAB PAVMRK TY B (W)(4")(BRK)CNTST | PREFAB PAVMRK TY B (W)(4")(BRK)CNTST | PAV SURF PREP FOR MRK (4") |
| | | EA | EA | EA | EA | SF | LF | LF | LF | LF |
| 1 | 100+00 - 108+50 | 0 ⚠ | 0 ⚠ | 0 | 0 | ⚠ 0 | 260 | 260 | 260 | ⚠ 260 |
| 2 | 108+50 - 117+50 | 4 | 3 | 1 | 1 | 787 | 340 | 340 | 340 | 340 |
| 3 | 117+50 - 126+00 | 0 | 0 | 0 | 0 | 0 | 180 | 180 | 180 | 180 |
| | PROJECT TOTALS | 4 | 3 | 1 | 1 | 787 | 780 | 780 | 780 | 780 |

⚠ REVISED QUANTITIES, ADDED NEW ITEMS AND REMOVED ITEMS


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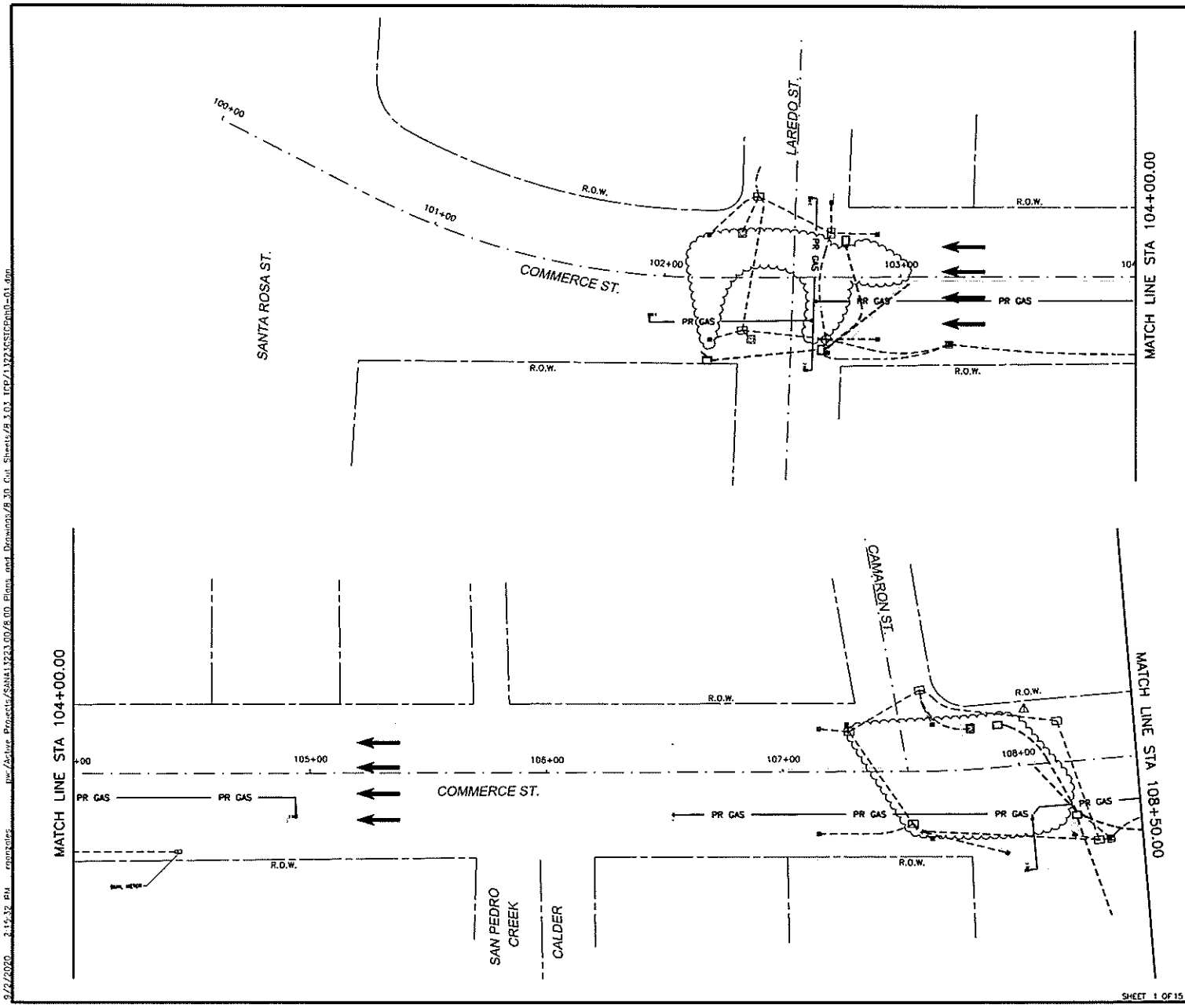
CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET
# SIGNING AND PAVEMENT MARKING SUMMARY

NO. & SUBMITTAL | PROJECT NO. 40-00309 | DATE: 9/2/2020
DRAWN BY: AG | DESIGN BY: AG | CHKD BY: AG | SHEET NO. 14 OF 147


9/2/2020 2:51:51 PM cooprjdc pw:/Active Projects/SAMA13223.00/8.00 Plans and Drawings/8.30 Cut Sheets/8.3.1.1 Signing and Striping/13223_SAP_SUM01.dgn




20 10 0 20 40
SCALE FEET

N

## LEGEND

- TRAFFIC FLOW ARROW
- PR GAS — PROPOSED GAS LINE
- PROPOSED ITSO UTILITIES
- PROPOSED TRAFFIC UTILITIES

NOTES:

1. ALL PROPOSED UTILITY WORK DURING "PHASE 0" IS TO BE CUT AND RESTORE OF EXISTING PAVEMENT.
2. REFER TO TXDOT STANDARD TCP(2-5)-18 "TRAFFIC CONTROL PLAN LONG TERM LANE CLOSURES MULTILANE CONVENTIONAL RDS." TO MAINTAIN FLOW OF TRAFFIC DURING ALL CONSTRUCTION STAGES OF PHASE 0.
3. CONTRACTOR TO FINISH ALL PROPOSED UTILITY WORK IN PHASE 0 BEFORE MOVING ON TO NEXT PHASES.
4. CONTRACTOR SHALL PROVIDE ACCESS TO RESIDENCES AND BUSINESSES AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR WILL ALSO PROVIDE SIGNS TO IDENTIFY BUSINESSES. USE PEDESTRIAN TEMPORARY WALKWAY AS NEEDED. REFER TO "TCP MISCELLANEOUS DETAIL SHEET". TEMPORARY WALKWAYS WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE SUBSIDARY TO ITEM 100 "MOBILIZATION.
5. THE CONTRACTOR WILL SALVAGE, STOCK PILE, AND REUSE ALL CONCRETE PAVERS WITHIN TRENCH LIMITS.
6. SEE "TRAFFIC SIGNAL LAYOUT" SHEETS AND "ITSO INFRA-STRUCTURE LAYOUT" SHEETS FOR MORE INFORMATION ON TRAFFIC AND ITSO UTILITIES, RESPECTIVELY.
7. SEE "CPS GAS PLANS" FOR MORE INFORMATION ON JOINT BID CPS GAS UTILITIES.

N

⚠ REVISED TYPICAL SECTION NOTE REFERENCES. DELETED CONDUITS/GROUND BOXES AND UPDATED CALLOUTS

9/2/2020

STATE OF TEXAS
JAIME AGUILAR
87605
LICENSED
PROFESSIONAL ENGINEER

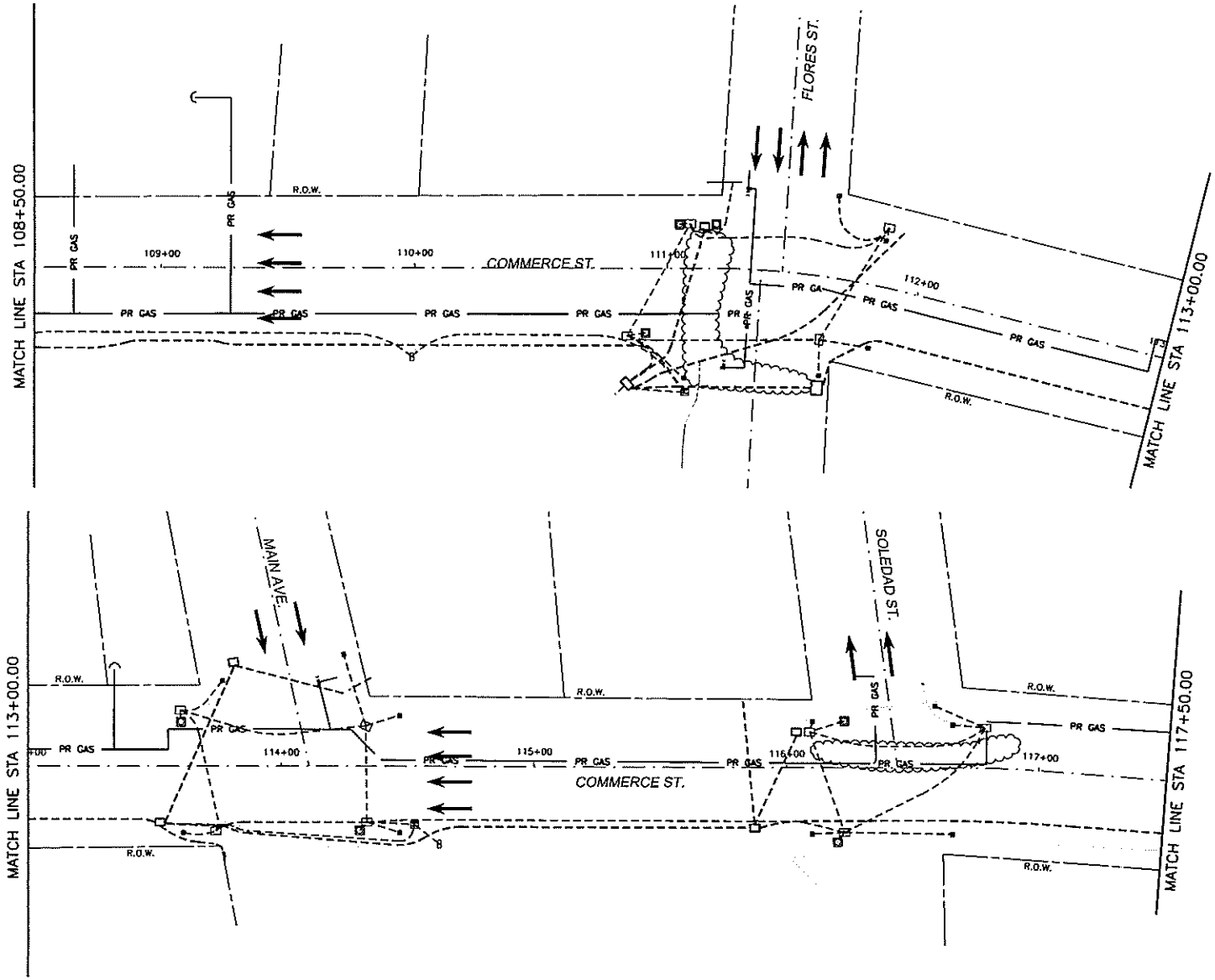
CP&Y
10100 SAN PEDRO AVE., SUITE 400
SAN ANTONIO, TEXAS 78216
TEXAS REGISTERED ENGINEERING FIRM F-1741
TELEPHONE NUMBER (210) 494-8004 FAX NUMBER (210) 494-8050 INTERNET ADDRESS www.cpy.com

CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET
# TCP – UTILITY PHASE
## PHASE 0
BEGIN PROJECT TO STATION 108+50.00

| | | | |
|---|---|---|---|
| MO. & SUBMITTAL | PROJECT NO.: 404-0330 | | DATE: 12/2020 |
| DRAWN BY: MS MHK | DESIGN BY: RG | CHKD BY: JA | SHEET NO. 22 OF 147 |

9/2/2020 2:15:32 PM eaguilar pw:/Active Projects/SAN41223.00/8.00 Plans and Drawings/8.30 Cut Sheets/8.3.03 TCP/41223.00SCPph0-01.dgn

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SCALE FEET

## LEGEND

- TRAFFIC FLOW ARROW
- PR GAS — PROPOSED GAS LINE
- PROPOSED ITSO UTILITIES
- PROPOSED TRAFFIC UTILITIES

NOTES:

1. ALL PROPOSED UTILITY WORK DURING "PHASE 0" IS TO BE CUT AND RESTORE OF EXISTING PAVEMENT.
2. REFER TO TXDOT STANDARD TCP(2-5)-18 "TRAFFIC CONTROL PLAN LONG TERM LANE CLOSURES MULTILANE CONVENTIONAL RDS." TO MAINTAIN FLOW OF TRAFFIC DURING ALL CONSTRUCTION STAGES OF PHASE 0.
3. CONTRACTOR TO FINISH ALL PROPOSED UTILITY WORK IN PHASE 0 BEFORE MOVING ON TO NEXT PHASES.
4. CONTRACTOR SHALL PROVIDE ACCESS TO RESIDENCES AND BUSINESSES AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR WILL ALSO PROVIDE SIGNS TO IDENTIFY BUSINESSES. USE PEDESTRIAN TEMPORARY WALKWAY AS NEEDED. REFER TO "TCP MISCELLANEOUS DETAIL SHEET". TEMPORARY WALKWAYS WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE SUBSIDARY TO ITEM 100 "MOBILIZATION.
5. THE CONTRACTOR WILL SALVAGE, STOCK PILE, AND REUSE ALL CONCRETE PAVERS WITHIN TRENCH LIMITS.
6. SEE "TRAFFIC SIGNAL LAYOUT" SHEETS AND "ITSO INFRA-STRUCTURE LAYOUT" SHEETS FOR MORE INFORMATION ON TRAFFIC AND ITSO UTILITIES, RESPECTIVELY.
7. SEE "CPS GAS PLANS" FOR MORE INFORMATION ON JOINT BID CPS GAS UTILITIES.

⚠ REVISED TYPICAL SECTION NOTE REFERENCES.
DELETED CONDUITS/GROUND BOXES AND UPDATED CALLOUTS

9/2/2020

STATE OF TEXAS
JAIME AGUILAR
87606
LICENSED PROFESSIONAL ENGINEER

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12500 SAN PEDRO AVE, SUITE 400
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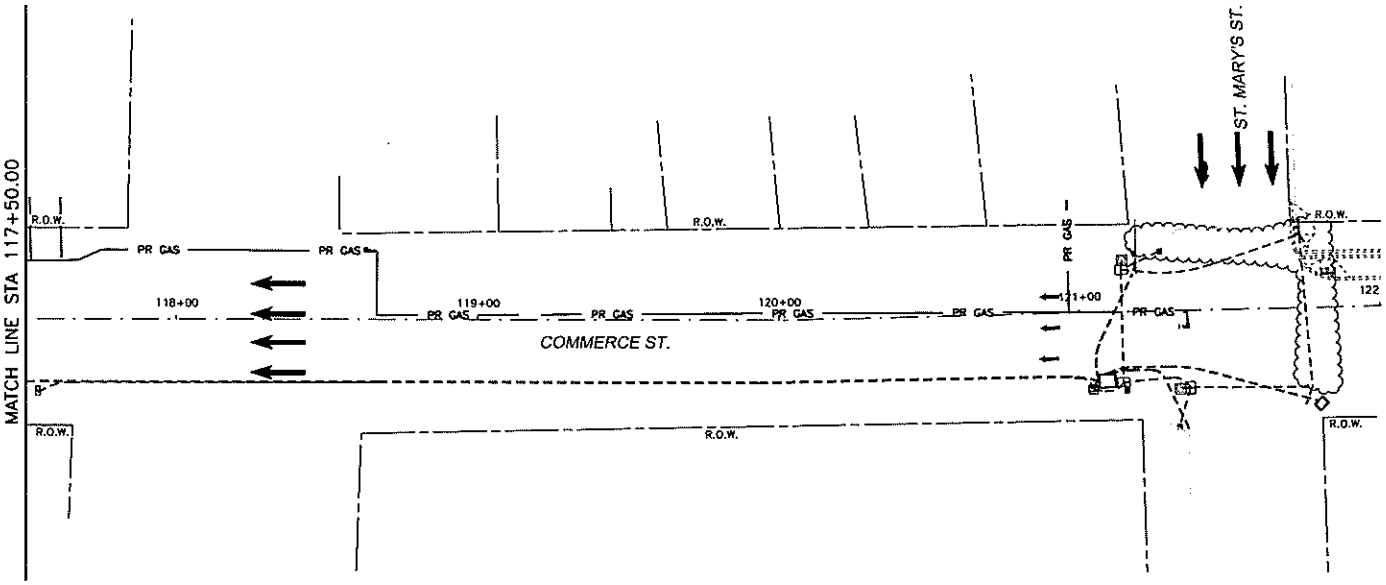
CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

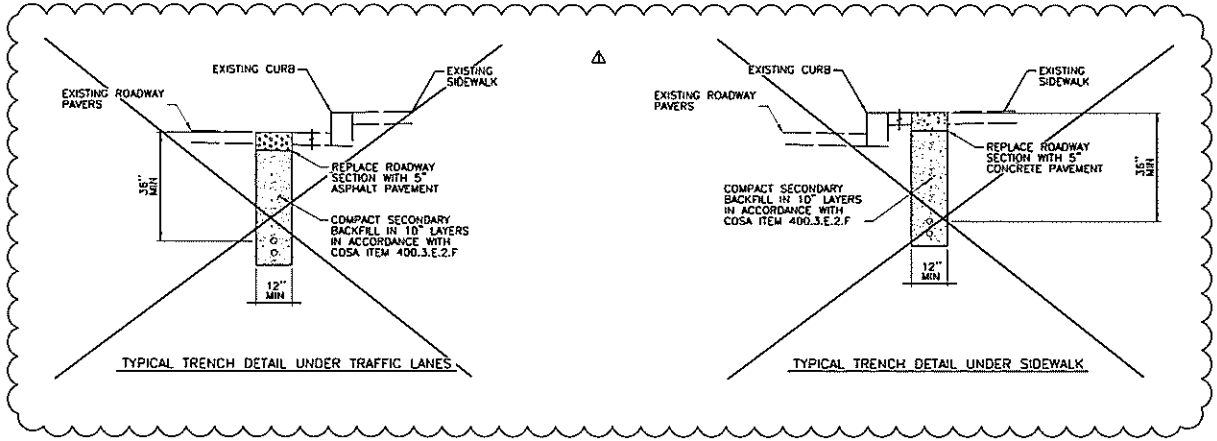
COMMERCE STREET
# TCP – UTILITY PHASE
## PHASE 0
STA 108+50.00 TO STA 117+50.00

| | | | |
|---|---|---|---|
| 100 % SUBMITTAL | PROJECT NO: 6340.000 | | DATE: 9/2/20 |
| DRAWN BY: MG, MHR | DSGN. BY: RKL | CHKD. BY: JA | SHEET NO. 2 OF 15 |

SHEET 2 OF 15

9/2/2020 2:14:34 PM cgonzales pw:/Active Projects/SANA13223.00/8.00 Plans and Drawings/8.30 Cut Sheets/8.3.01 TCP/113223CSTCPph0-02.dgn




20 10 0 20 40
SCALE FEET

N

## LEGEND

- TRAFFIC FLOW ARROW
- PR GAS — PROPOSED GAS LINE
- PROPOSED ITSD UTILITIES
- PROPOSED TRAFFIC UTILITIES

NOTES:

1. ALL PROPOSED UTILITY WORK DURING "PHASE 0" IS TO BE CUT AND RESTORE OF EXISTING PAVEMENT.
2. REFER TO TXDOT STANDARD TCP(2-5)-18 "TRAFFIC CONTROL PLAN LONG TERM LANE CLOSURES MULTILANE CONVENTIONAL RDS." TO MAINTAIN FLOW OF TRAFFIC DURING ALL CONSTRUCTION STAGES OF PHASE 0.
3. CONTRACTOR TO FINISH ALL PROPOSED UTILITY WORK IN PHASE 0 BEFORE MOVING ON TO NEXT PHASES.
4. CONTRACTOR SHALL PROVIDE ACCESS TO RESIDENCES AND BUSINESSES AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR WILL ALSO PROVIDE SIGNS TO IDENTIFY BUSINESSES. USE PEDESTRIAN TEMPORARY WALKWAY AS NEEDED. REFER TO "TCP MISCELLANEOUS DETAIL SHEET". TEMPORARY WALKWAYS WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE SUBSIDARY TO ITEM 100 "MOBILIZATION.
5. THE CONTRACTOR WILL SALVAGE, STOCK PILE, AND REUSE ALL CONCRETE PAVERS WITHIN TRENCH LIMITS.
6. SEE "TRAFFIC SIGNAL LAYOUT" SHEETS AND "ITSD INFRA-STRUCTURE LAYOUT" SHEETS FOR MORE INFORMATION ON TRAFFIC AND ITSD UTILITIES, RESPECTIVELY.
7. SEE "CPS GAS PLANS" FOR MORE INFORMATION ON JOINT BID CPS GAS UTILITIES.

⚠ REVISED TYPICAL SECTION NOTE REFERENCES, DELETED CONDUITS/GROUND BOXES AND UPDATED CALLOUTS

9/3/2020

STATE OF TEXAS
JAIME AGUILAR
87605
LICENSED PROFESSIONAL ENGINEER

⚠ REMOVED DETAILS RG 07/2020

CP&Y
12500 SAN PEDRO AVE., SUITE 450
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TELEPHONE NUMBER (210) 494-6204 FAX NUMBER (210) 494-6206 INTERNET ADDRESS www.cpy.com

CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET
TCP – UTILITY PHASE
PHASE 0
BEGIN PROJECT TO STATION 108+50.00

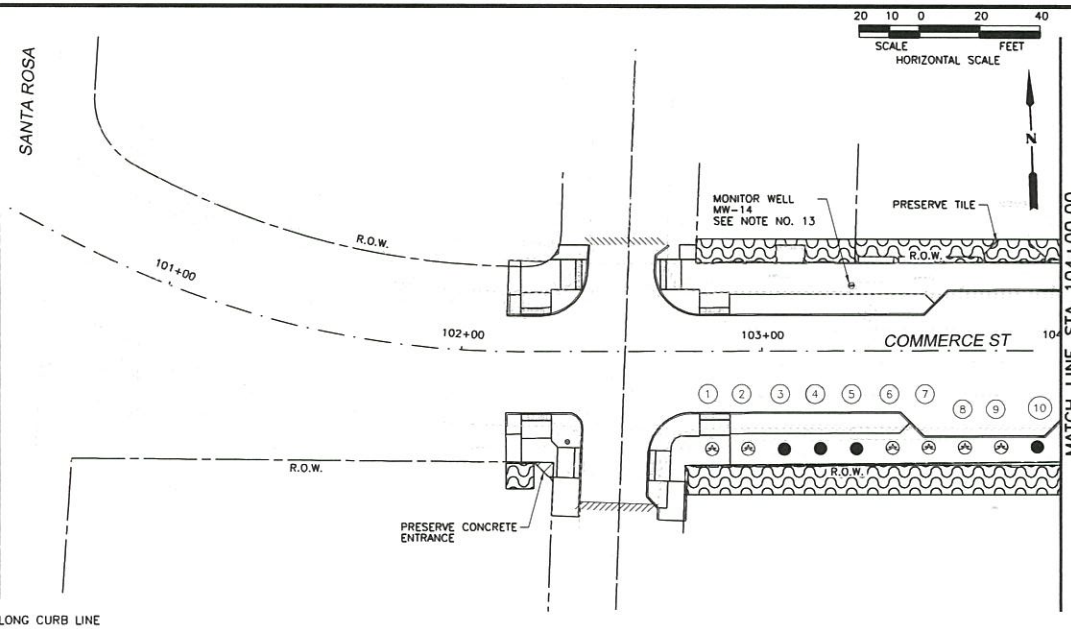
| | | | |
|---|---|---|---|
| JOB No. SUBMITTAL | PROJECT NO.: 19-0303 | | DATE: 9/3/2020 |
| DRWN. BY: MS MM | DSGN. BY: RG | CHKD. BY: JA | SHEET NO.: 24 OF 143 |

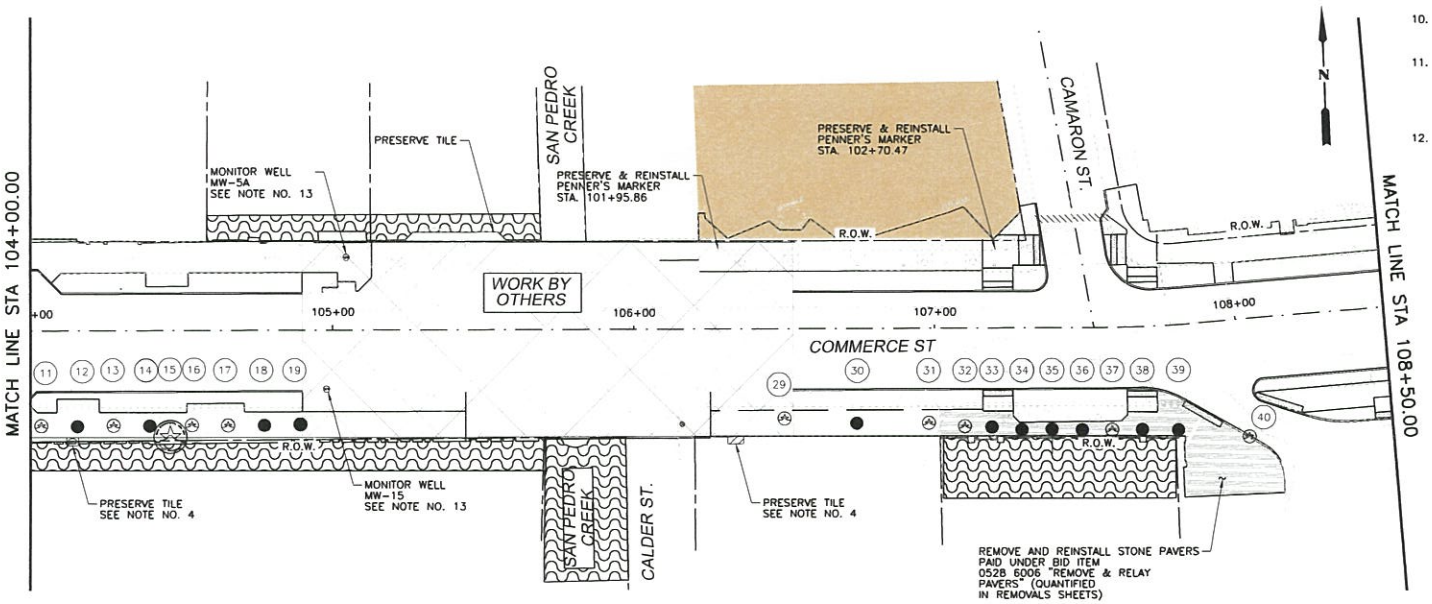
SHEET 3 OF 15

9/3/2020 11:43:05 AM rgonzalez /nw/Active Projects/SAMA13223.00/8.00 Plans and Drawings/8.30 Cut Sheets/8.3.03 TCP/A13223CSTCPPh0-03.dgn

| NO. | MEDALLION DESCRIPTION | STATION | OFFSET |
|---|---|---|---|
| 1 | SMALL | 102+83.35 | 32.14' RT |
| 2 | SMALL | 102+95.35 | 32.11' RT |
| 3 | MISSING | 103+07.35 | 32.21' RT |
| 4 | MISSING | 103+19.35 | 32.01' RT |
| 5 | MISSING | 103+31.35 | 32.11' RT |
| 6 | SMALL | 103+43.35 | 31.91' RT |
| 7 | SMALL | 103+55.35 | 31.86' RT |
| 8 | SMALL | 103+67.35 | 31.81' RT |
| 9 | SMALL | 103+79.35 | 31.76' RT |
| 10 | MISSING | 103+91.35 | 31.71' RT |
| 11 | SMALL | 104+03.35 | 31.54' RT |
| 12 | MISSING | 104+15.35 | 31.67' RT |
| 13 | SMALL | 104+27.35 | 31.45' RT |
| 14 | MISSING | 104+39.35 | 31.57' RT |
| 15 | LARGE | 104+46.19 | 35.21' RT |
| 16 | SMALL | 104+53.35 | 31.35' RT |
| 17 | SMALL | 104+65.35 | 31.47' RT |
| 18 | MISSING | 104+77.35 | 31.43' RT |
| 19 | MISSING | 104+89.35 | 31.21' RT |
| 20 | OMITTED | | |
| 21 | OMITTED | | |
| 22 | OMITTED | | |
| 23 | OMITTED | | |
| 24 | OMITTED | | |
| 25 | OMITTED | | |
| 26 | OMITTED | | |
| 27 | OMITTED | | |
| 28 | OMITTED | | |
| 29 | OMITTED | | |
| 30 | MISSING | 106+74.08 | 31.35' RT |
| 31 | SMALL | 106+98.08 | 31.35' RT |
| 32 | SMALL | 107+10.08 | 32.52' RT |
| 33 | MISSING | 107+19.04 | 32.79' RT |
| 34 | MISSING | 107+29.04 | 33.69' RT |
| 35 | MISSING | 107+39.04 | 33.37' RT |
| 36 | MISSING | 107+49.07 | 32.82' RT |
| 37 | SMALL | 107+58.90 | 33.87' RT |
| 38 | MISSING | 107+67.97 | 33.97' RT |
| 39 | MISSING | 107+81.07 | 32.95' RT |
| * 40 | SMALL | 108+03.49 | 36.59' RT |
| 41 | OMITTED | | |

*= RELOCATE TO MIDDLE OF PEDESTRIAN RAMP ALONG CURB LINE
**= RELOCATE TO MIDDLE OF SIDEWALK




SCALE 20 10 0 20 40 FEET
HORIZONTAL SCALE

## LEGEND

- LARGE MEDALLION
- SMALL MEDALLION
- MISSING MEDALLION
- PROPOSED MEDALLION
- HISTORIC LANDMARK
- LIMITS OF CONSTRUCTION
- BASEMENTS
- PRESERVE
- AREA CONSTRUCTED BY OTHERS

NOTES:

1. CONTRACTOR TO CONSTRUCT NEW SIDEWALK NEXT TO THE SAW CUT EDGE WITH INSTALLATION OF EXPANSION JOINTS IN BETWEEN, OR IF EXISTING SIDEWALK IS TO BE REMOVED ENTIRELY, THE REMAINING 1 FOOT NEXT TO THE HISTORIC STRUCTURE WILL BE REMOVED BY HAND AND AN EXPANSION JOINT WILL PLACE IN BETWEEN THE HISTORIC STRUCTURE AND THE NEW SIDEWALK.
2. CONTRACTOR IS RESPONSIBLE FOR PREVENTING DAMAGE TO HISTORIC STRUCTURE DURING THE ENTIRE CONSTRUCTION PROJECT, ESPECIALLY DURING REMOVAL OF EXISTING SIDEWALK, CURB, ETC. DURING THE SAW CUT AND HAND REMOVAL PROCESS, CONTRACTOR WILL EXERCISE UTMOST CAUTION AND WILL PHYSICALLY PROTECT HISTORIC STRUCTURE FOUNDATION, MATERIALS, ELEVATIONS, ENTRYWAYS WITH DECORATIVE FLOORING, AND HISTORIC SIDEWALK ELEMENTS.
3. CONTRACTOR TO REPAIR OR REPLACE IN KIND, AT HIS OWN EXPENSE, ANY HISTORIC MATERIALS DAMAGED IN THE COURSE OF EXECUTING THE WORK; CONTRACTOR IS RESPONSIBLE FOR LOCATING REPLACEMENT SOURCE FOR HISTORIC MATERIALS DAMAGED IN THE COURSE OF WORK; TEXAS HISTORICAL COMMISSION TO BE INFORMED OF DAMAGE AND PROPOSED REPAIRS PRIOR TO EXECUTION OF REPAIR WORK. TEXAS HISTORICAL COMMISSION, OFFICE OF HISTORIC PRESERVATION, AND TCI EMD STAFF MUST BE NOTIFIED PRIOR TO EXECUTION OF ANY REPAIR WORK.
4. FACADES ARE TO BE PROTECTED, INCLUDING ENTRANCES AS NOTED.
5. SPECIAL CARE SHALL BE TAKEN WHEN WORKING ON SIDEWALK ALONG THE SAN ANTONIO RIVER BRIDGE TO PREVENT ANY DAMAGE TO RAIL. (SAME CARE THAT IS GIVEN TO HISTORICAL FACADES).
6. REMOVE AND REINSTALL ALL MEDALLIONS IN NEW SIDEWALK IN SAME LOCATION AS EXISTING UNLESS OTHERWISE NOTED.
7. REPLACE ANY MISSING MEDALLIONS WITH NEW ONES AS NEEDED. ADDITIONAL MEDALLIONS WILL BE PROVIDED BY COSA OFFICE OF HISTORIC PRESERVATION.
8. WHEN INSTALLING MEDALLIONS, THE TOP OF THE MEDALLION SHALL BE LEVEL WITH THE FINISH GRADE OF THE SIDEWALK AND SHALL BE EPOXY IN PLACE. THIS WORK WILL BE SUBSIDIARY TO BID ITEM 502.1 "CONCRETE SIDEWALK". NO DIRECT PAYMENT WILL BE PROVIDED.
9. REMOVAL AND SALVAGE OF MEDALLIONS WILL BE SUBSIDIARY TO BID ITEM 101.1 "PREP ROW". NO DIRECT PAYMENT WILL BE PROVIDED.
10. ALL EXCAVATION ACTIVITIES MUST BE MONITORED BY AN ARCHAEOLOGIST. PLEASE REFER TO EPIC SHEET FOR DETAILED INFORMATION PERTAINING TO ARCHAEOLOGICAL MONITORING.
11. MONITORING WELLS MUST BE PRESERVED. NEW SIDEWALK ELEVATION WILL REQUIRE WELL ADJUSTMENT. CONTRACTOR MUST PROVIDE 72 HOURS NOTICE TO TCI EMD PRIOR TO WORKING IN THESE AREAS. TCI EMD POINT OF CONTACT FOR THIS TASK IS LETY ARZATE (210-207-1408) ANY DAMAGE TO THE MONITORING WELLS BY THE CONTRACTOR WILL REQUIRE REPAIR AT THEIR EXPENSE.
12. REFER TO ENVIRONMENTAL OVERSIGHT LAYOUT FOR ADDITIONAL INFORMATION.

9/3/2020

STATE OF TEXAS
JAIME AGUILAR
87606
LICENSED PROFESSIONAL ENGINEER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CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET

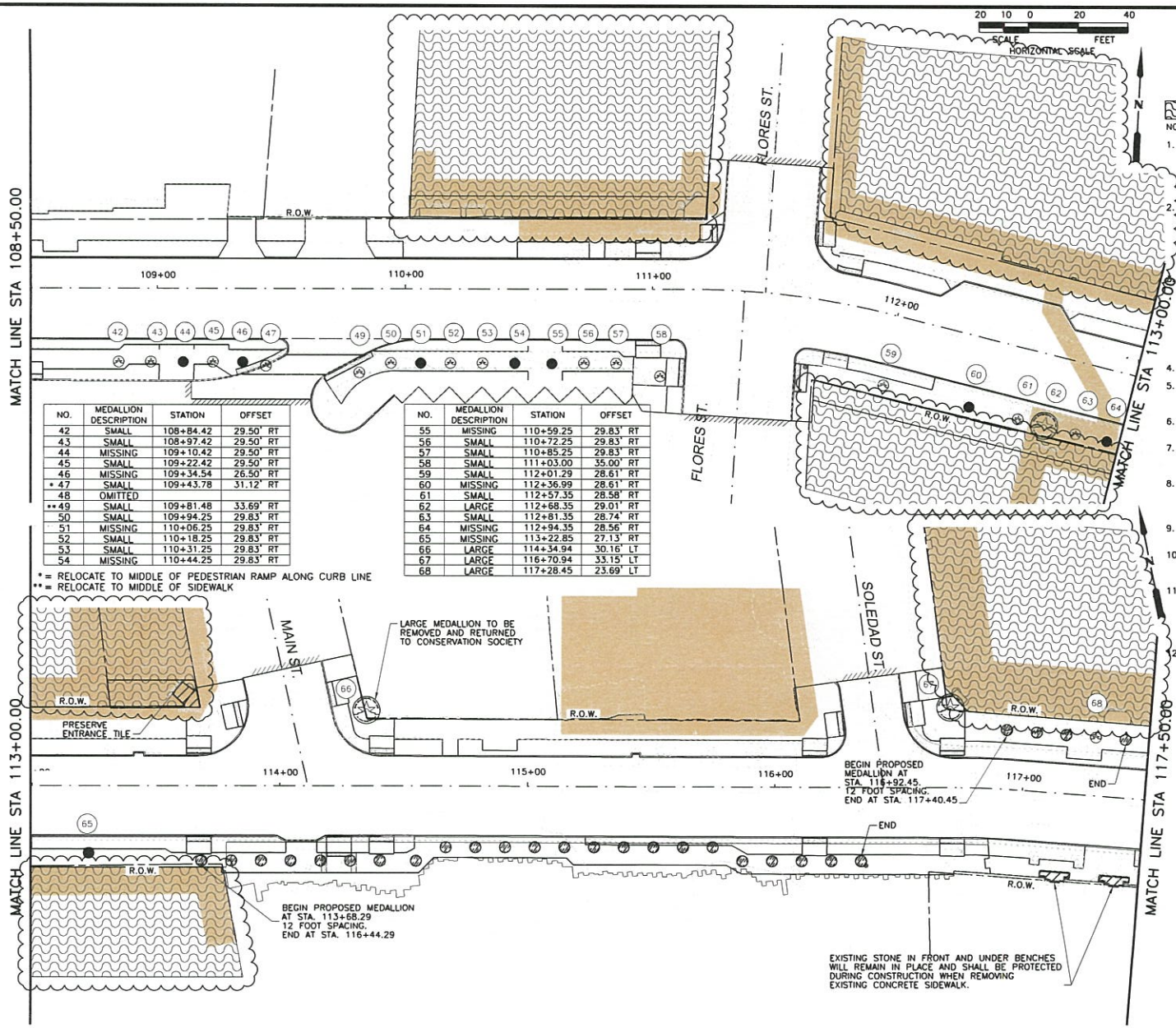
# HISTORIC PRESERVATION LAYOUTS

BEGIN PROJECT TO STATION 108+50.00

| | | | |
|---|---|---|---|
| 100 % SUBMITTAL | PROJECT NO.: 40-00300 | | DATE: 9/3/2020 |
| DRWN. BY: RG, MRR | DSGN. BY: RG | CHKD. BY: JA | SHEET NO.: 42 OF 347 |

SHEET 1 OF 3


9/3/2020 7:21:33 AM rgonzales pw:/Active Projects/SAMA13223.00/8.00 Plans and Drawings/8.30 Cut Sheets/8.3.04 Roadway/13223CSRDm01.dgn




| NO. | MEDALLION DESCRIPTION | STATION | OFFSET |
|---|---|---|---|
| 42 | SMALL | 108+84.42 | 29.50' RT |
| 43 | SMALL | 108+97.42 | 29.50' RT |
| 44 | MISSING | 109+10.42 | 29.50' RT |
| 45 | SMALL | 109+22.42 | 29.50' RT |
| 46 | MISSING | 109+34.54 | 26.50' RT |
| * 47 | SMALL | 109+43.78 | 31.12' RT |
| 48 | OMITTED | | |
| ** 49 | SMALL | 109+81.48 | 33.69' RT |
| 50 | SMALL | 109+94.25 | 29.83' RT |
| 51 | MISSING | 110+06.25 | 29.83' RT |
| 52 | SMALL | 110+18.25 | 29.83' RT |
| 53 | SMALL | 110+31.25 | 29.83' RT |
| 54 | MISSING | 110+44.25 | 29.83' RT |

| NO. | MEDALLION DESCRIPTION | STATION | OFFSET |
|---|---|---|---|
| 55 | MISSING | 110+59.25 | 29.83' RT |
| 56 | SMALL | 110+72.25 | 29.83' RT |
| 57 | SMALL | 110+85.25 | 29.83' RT |
| 58 | SMALL | 111+03.00 | 35.00' RT |
| 59 | SMALL | 112+01.29 | 28.61' RT |
| 60 | MISSING | 112+36.99 | 28.61' RT |
| 61 | SMALL | 112+57.35 | 28.58' RT |
| 62 | LARGE | 112+68.35 | 29.01' RT |
| 63 | SMALL | 112+81.35 | 28.74' RT |
| 64 | MISSING | 112+94.35 | 28.56' RT |
| 65 | MISSING | 113+22.85 | 27.13' RT |
| 66 | LARGE | 114+34.94 | 30.16' LT |
| 67 | LARGE | 116+70.94 | 33.15' LT |
| 68 | LARGE | 117+28.45 | 23.69' LT |

* = RELOCATE TO MIDDLE OF PEDESTRIAN RAMP ALONG CURB LINE
** = RELOCATE TO MIDDLE OF SIDEWALK

## LEGEND

- LARGE MEDALLION
- SMALL MEDALLION
- MISSING MEDALLION
- PROPOSED MEDALLION
- HISTORIC LANDMARK
- LIMITS OF CONSTRUCTION
- BASEMENTS
- PRESERVE
- AREA CONSTRUCTED BY OTHERS

NOTES:

1. CONTRACTOR TO CONSTRUCT NEW SIDEWALK NEXT TO THE SAW CUT EDGE WITH INSTALLATION OF EXPANSION JOINTS IN BETWEEN, OR IF EXISTING SIDEWALK IS TO BE REMOVED ENTIRELY, THE REMAINING 1 FOOT NEXT TO THE HISTORIC STRUCTURE WILL BE REMOVED BY HAND AND AN EXPANSION JOINT WILL PLACE IN BETWEEN THE HISTORIC STRUCTURE AND THE NEW SIDEWALK.
2. CONTRACTOR IS RESPONSIBLE FOR PREVENTING DAMAGE TO HISTORIC STRUCTURE DURING THE ENTIRE CONSTRUCTION PROJECT, ESPECIALLY DURING REMOVAL OF EXISTING SIDEWALK, CURB, ETC. DURING THE SAW CUT AND HAND REMOVAL PROCESS, CONTRACTOR WILL EXERCISE UTMOST CAUTION AND WILL PHYSICALLY PROTECT HISTORIC STRUCTURE FOUNDATION, MATERIALS, ELEVATIONS, ENTRYWAYS WITH DECORATIVE FLOORING, AND HISTORIC SIDEWALK ELEMENTS.

   CONTRACTOR TO REPAIR OR REPLACE IN KIND, AT HIS OWN EXPENSE, ANY HISTORIC MATERIALS DAMAGED IN THE COURSE OF EXECUTING THE WORK; CONTRACTOR IS RESPONSIBLE FOR LOCATING REPLACEMENT SOURCE FOR HISTORIC MATERIALS DAMAGED IN THE COURSE OF WORK; TEXAS HISTORICAL COMMISSION TO BE INFORMED OF DAMAGE AND PROPOSED REPAIRS PRIOR TO EXECUTION OF REPAIR WORK. TEXAS HISTORICAL COMMISSION, OFFICE OF HISTORIC PRESERVATION, AND TCI EMD STAFF MUST BE NOTIFIED PRIOR TO EXECUTION OF ANY REPAIR WORK.
4. FACADES ARE TO BE PROTECTED, INCLUDING ENTRANCES AS NOTED.
5. SPECIAL CARE SHALL BE TAKEN WHEN WORKING ON SIDEWALK ALONG THE SAN ANTONIO RIVER BRIDGE TO PREVENT ANY DAMAGE TO RAIL. (SAME CARE THAT IS GIVEN TO HISTORICAL FACADES).
6. REMOVE AND REINSTALL ALL MEDALLIONS IN NEW SIDEWALK IN SAME LOCATION AS EXISTING UNLESS OTHERWISE NOTED.
7. REPLACE ANY MISSING MEDALLIONS WITH NEW ONES AS NEEDED. ADDITIONAL MEDALLIONS WILL BE PROVIDED BY COSA OFFICE OF HISTORIC PRESERVATION.
8. WHEN INSTALLING MEDALLIONS, THE TOP OF THE MEDALLION SHALL BE LEVEL WITH THE FINISH GRADE OF THE SIDEWALK AND SHALL BE EPOXY IN PLACE. THIS WORK WILL BE SUBSIDIARY TO BID ITEM 502.1 "CONCRETE SIDEWALK". NO DIRECT PAYMENT WILL BE PROVIDED.
9. REMOVAL AND SALVAGE OF MEDALLIONS WILL BE SUBSIDIARY TO BID ITEM 101.1 "PREP ROW". NO DIRECT PAYMENT WILL BE PROVIDED.
10. ALL EXCAVATION ACTIVITIES MUST BE MONITORED BY AN ARCHAEOLOGIST. PLEASE REFER TO EPIC SHEET FOR DETAILED INFORMATION PERTAINING TO ARCHAEOLOGICAL MONITORING.
11. MONITORING WELLS MUST BE PRESERVED. NEW SIDEWALK ELEVATION WILL REQUIRE WELL ADJUSTMENT. CONTRACTOR MUST PROVIDE 72 HOURS NOTICE TO TCI EMD PRIOR TO WORKING IN THESE AREAS. TCI EMD POINT OF CONTACT FOR THIS TASK IS LETY ARZATE (210-207-1408) ANY DAMAGE TO THE MONITORING WELLS BY THE CONTRACTOR WILL REQUIRE REPAIR AT THEIR EXPENSE.
12. REFER TO ENVIRONMENTAL OVERSIGHT LAYOUT FOR ADDITIONAL INFORMATION.

9/3/2020

STATE OF TEXAS
JAIME AGUILAR
87606
LICENSED PROFESSIONAL ENGINEER

⚠ ADDED BUILDINGS TO HISTORIC LANDMARK RG 09/2020

CP&Y
12500 SAN PEDRO AVE., SUITE 450
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TEXAS REGISTERED ENGINEERING FIRM, F-1741
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CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET

# HISTORIC PRESERVATION LAYOUTS

STA 108+50.00 TO STA 117+50.00

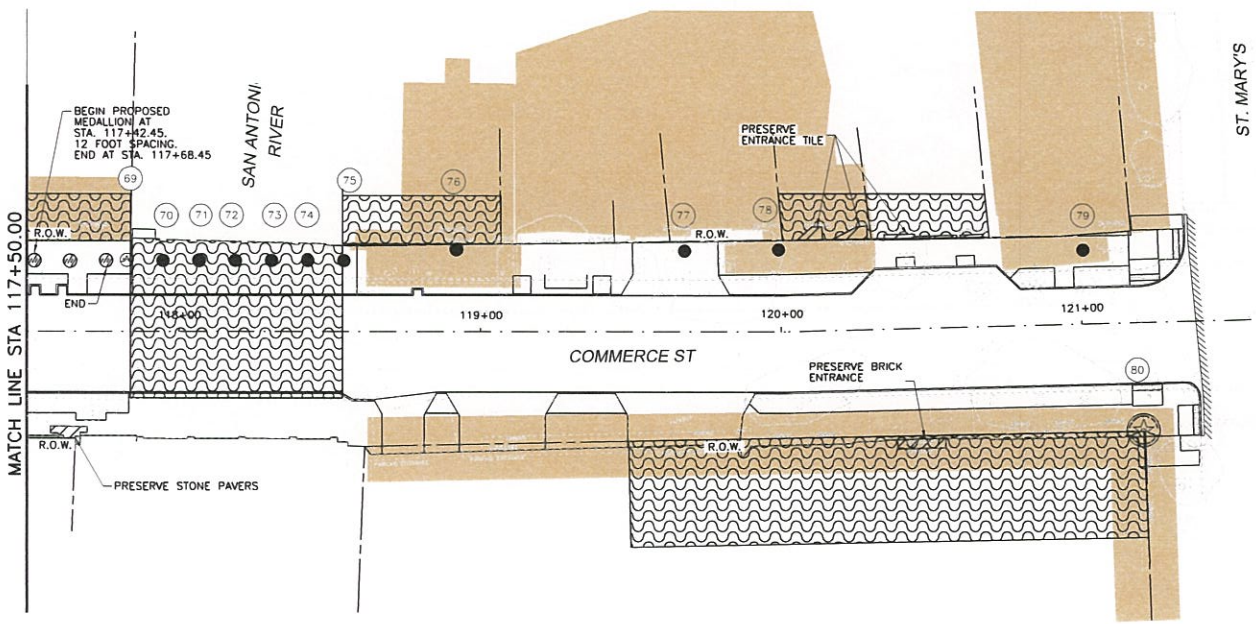
| 100 % SUBMITTAL | PROJECT NO.: 40-00300 | DATE: 9/3/2020 |
|---|---|---|
| DRAWN BY: RG, MRR | DSGN. BY: RG | CHKD. BY: JA | SHEET NO.: 44 OF 317 |

SHEET 2 OF 3

9/3/2020 7:15:27 AM rgonzales pw:/Active Projects/SANA13223.00/8.00 Plans and Drawings/8.30 Cut Sheets/8.3.04 Roadway/13223CSRDm02.dgn

| NO. | MEDALLION DESCRIPTION | STATION | OFFSET |
|---|---|---|---|
| 69 | SMALL | 117+82.65 | 23.58' LT |
| 70 | MISSING | 117+94.65 | 23.41' LT |
| 71 | MISSING | 118+06.65 | 23.41' LT |
| 72 | MISSING | 118+18.65 | 23.41' LT |
| 73 | MISSING | 118+30.65 | 23.41' LT |
| 74 | MISSING | 118+42.65 | 23.41' LT |
| 75 | MISSING | 118+54.65 | 23.41' LT |
| 76 | MISSING | 118+92.03 | 27.11' LT |
| 77 | MISSING | 119+67.78 | 26.64' LT |
| 78 | MISSING | 119+99.05 | 27.13' LT |
| 79 | MISSING | 121+00.97 | 24.53' LT |
| 80 | LARGE/MISSING | 121+19.60 | 36.15' RT |

20 10 0 20 40
SCALE FEET
HORIZONTAL SCALE




## LEGEND

- LARGE MEDALLION
- SMALL MEDALLION
- MISSING MEDALLION
- PROPOSED MEDALLION
- HISTORIC LANDMARK
- LIMITS OF CONSTRUCTION
- BASEMENTS
- PRESERVE
- AREA CONSTRUCTED BY OTHERS

NOTES:

1. CONTRACTOR TO CONSTRUCT NEW SIDEWALK NEXT TO THE SAW CUT EDGE WITH INSTALLATION OF EXPANSION JOINTS IN BETWEEN, OR IF EXISTING SIDEWALK IS TO BE REMOVED ENTIRELY, THE REMAINING 1 FOOT NEXT TO THE HISTORIC STRUCTURE WILL BE REMOVED BY HAND AND AN EXPANSION JOINT WILL PLACE IN BETWEEN THE HISTORIC STRUCTURE AND THE NEW SIDEWALK.
2. CONTRACTOR IS RESPONSIBLE FOR PREVENTING DAMAGE TO HISTORIC STRUCTURE DURING THE ENTIRE CONSTRUCTION PROJECT, ESPECIALLY DURING REMOVAL OF EXISTING SIDEWALK, CURB, ETC. DURING THE SAW CUT AND HAND REMOVAL PROCESS, CONTRACTOR WILL EXERCISE UTMOST CAUTION AND WILL PHYSICALLY PROTECT HISTORIC STRUCTURE FOUNDATION, MATERIALS, ELEVATIONS, ENTRYWAYS WITH DECORATIVE FLOORING, AND HISTORIC SIDEWALK ELEMENTS.
3. CONTRACTOR TO REPAIR OR REPLACE IN KIND, AT HIS OWN EXPENSE, ANY HISTORIC MATERIALS DAMAGED IN THE COURSE OF EXECUTING THE WORK; CONTRACTOR IS RESPONSIBLE FOR LOCATING REPLACEMENT SOURCE FOR HISTORIC MATERIALS DAMAGED IN THE COURSE OF WORK; TEXAS HISTORICAL COMMISSION TO BE INFORMED OF DAMAGE AND PROPOSED REPAIRS PRIOR TO EXECUTION OF REPAIR WORK. TEXAS HISTORICAL COMMISSION, OFFICE OF HISTORIC PRESERVATION, AND TCI EMD STAFF MUST BE NOTIFIED PRIOR TO EXECUTION OF ANY REPAIR WORK.
4. FACADES ARE TO BE PROTECTED, INCLUDING ENTRANCES AS NOTED.
5. SPECIAL CARE SHALL BE TAKEN WHEN WORKING ON SIDEWALK ALONG THE SAN ANTONIO RIVER BRIDGE TO PREVENT ANY DAMAGE TO RAIL. (SAME CARE THAT IS GIVEN TO HISTORICAL FACADES).
6. REMOVE AND REINSTALL ALL MEDALLIONS IN NEW SIDEWALK IN SAME LOCATION AS EXISTING UNLESS OTHERWISE NOTED.
7. REPLACE ANY MISSING MEDALLIONS WITH NEW ONES AS NEEDED. ADDITIONAL MEDALLIONS WILL BE PROVIDED BY COSA OFFICE OF HISTORIC PRESERVATION.
8. WHEN INSTALLING MEDALLIONS, THE TOP OF THE MEDALLION SHALL BE LEVEL WITH THE FINISH GRADE OF THE SIDEWALK AND SHALL BE EPOXY IN PLACE. THIS WORK WILL BE SUBSIDIARY TO BID ITEM 502.1 "CONCRETE SIDEWALK". NO DIRECT PAYMENT WILL BE PROVIDED.
9. REMOVAL AND SALVAGE OF MEDALLIONS WILL BE SUBSIDIARY TO BID ITEM 101.1 "PREP ROW". NO DIRECT PAYMENT WILL BE PROVIDED.
10. ALL EXCAVATION ACTIVITIES MUST BE MONITORED BY AN ARCHAEOLOGIST. PLEASE REFER TO EPIC SHEET FOR DETAILED INFORMATION PERTAINING TO ARCHAEOLOGICAL MONITORING.
11. MONITORING WELLS MUST BE PRESERVED. NEW SIDEWALK ELEVATION WILL REQUIRE WELL ADJUSTMENT. CONTRACTOR MUST PROVIDE 72 HOURS NOTICE TO TCI EMD PRIOR TO WORKING IN THESE AREAS. TCI EMD POINT OF CONTACT FOR THIS TASK IS LETY ARZATE (210-207-1408) ANY DAMAGE TO THE MONITORING WELLS BY THE CONTRACTOR WILL REQUIRE REPAIR AT THEIR EXPENSE.
12. REFER TO ENVIRONMENTAL OVERSIGHT LAYOUT FOR ADDITIONAL INFORMATION.

9/3/2020

STATE OF TEXAS
JAIME AGUILAR
87606
LICENSED
PROFESSIONAL ENGINEER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CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET

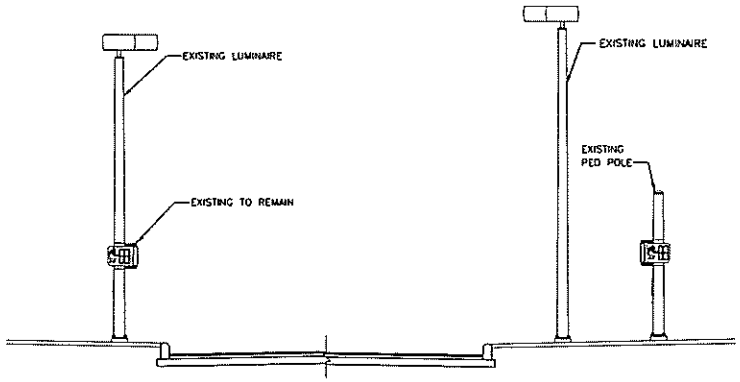
# HISTORIC PRESERVATION LAYOUTS

STA 117+50.00 TO END OF PROJECT

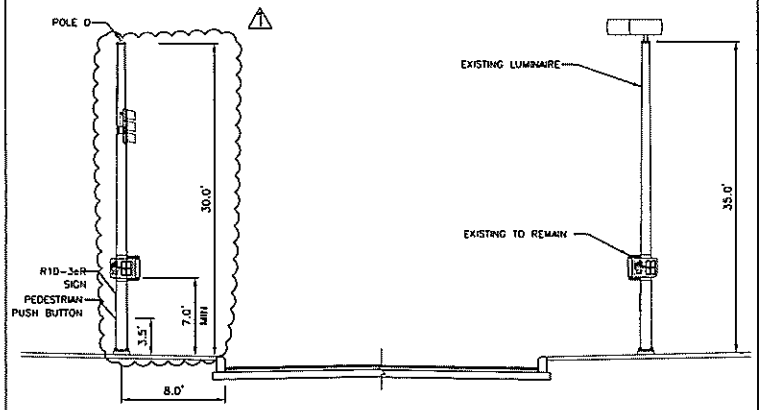
| 100 % SUBMITTAL | PROJECT NO.: 40-00300 | | DATE: 9/3/2020 |
|---|---|---|---|
| DRWN. BY: RG, MR/4 | DSGN. BY: RG | CHKD. BY: JA | SHEET NO.: 89 OF 347 |

SHEET 3 OF 3

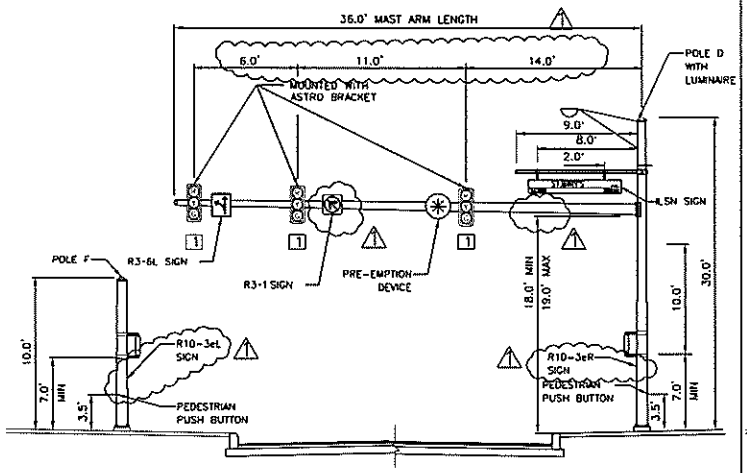

9/3/2020 7:22:27 AM rgonzales pw:/Active Projects/SANA13223.00/8.00 Plans and Drawings/8.30 Cut Sheets/8.3.04 Roadway/13223CSRDm03.dgn



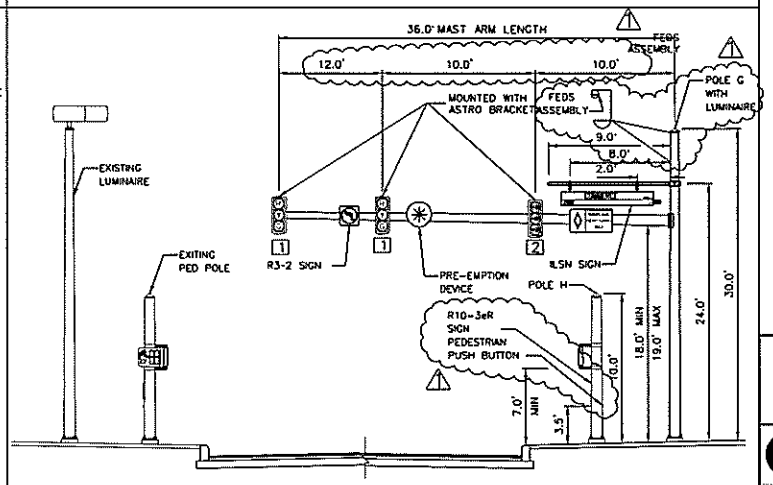

LOOKING EAST ON COMMERCE
N.T.S.




LOOKING NORTH ON ST.MARY'S
N.T.S.




LOOKING WEST ON COMMERCE
N.T.S.




LOOKING SOUTH ON ST.MARY'S
N.T.S.

⚠ ADDED LUMINAIRES AND FED ASSEMBLYS; UPDATED DIMENSIONS AND HEIGHTS; REMOVED RAD/PRS DETECTORS

STATE OF TEXAS
AYDA S. GONZALEZ
96594
LICENSED
PROFESSIONAL ENGINEER
9/2/2020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CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET

# TRAFFIC SIGNAL ELEVATIONS

ST. MARY'S STREET / COMMERCE STREET

| | | | |
|---|---|---|---|
| NO. _ SUBMITTAL | PROJECT NO.: 49-0039 | | DATE: 9/2/20 |
| DRAWN BY: | DSGN BY: | CHKD BY: | SHEET NO. 28 OF 40 |


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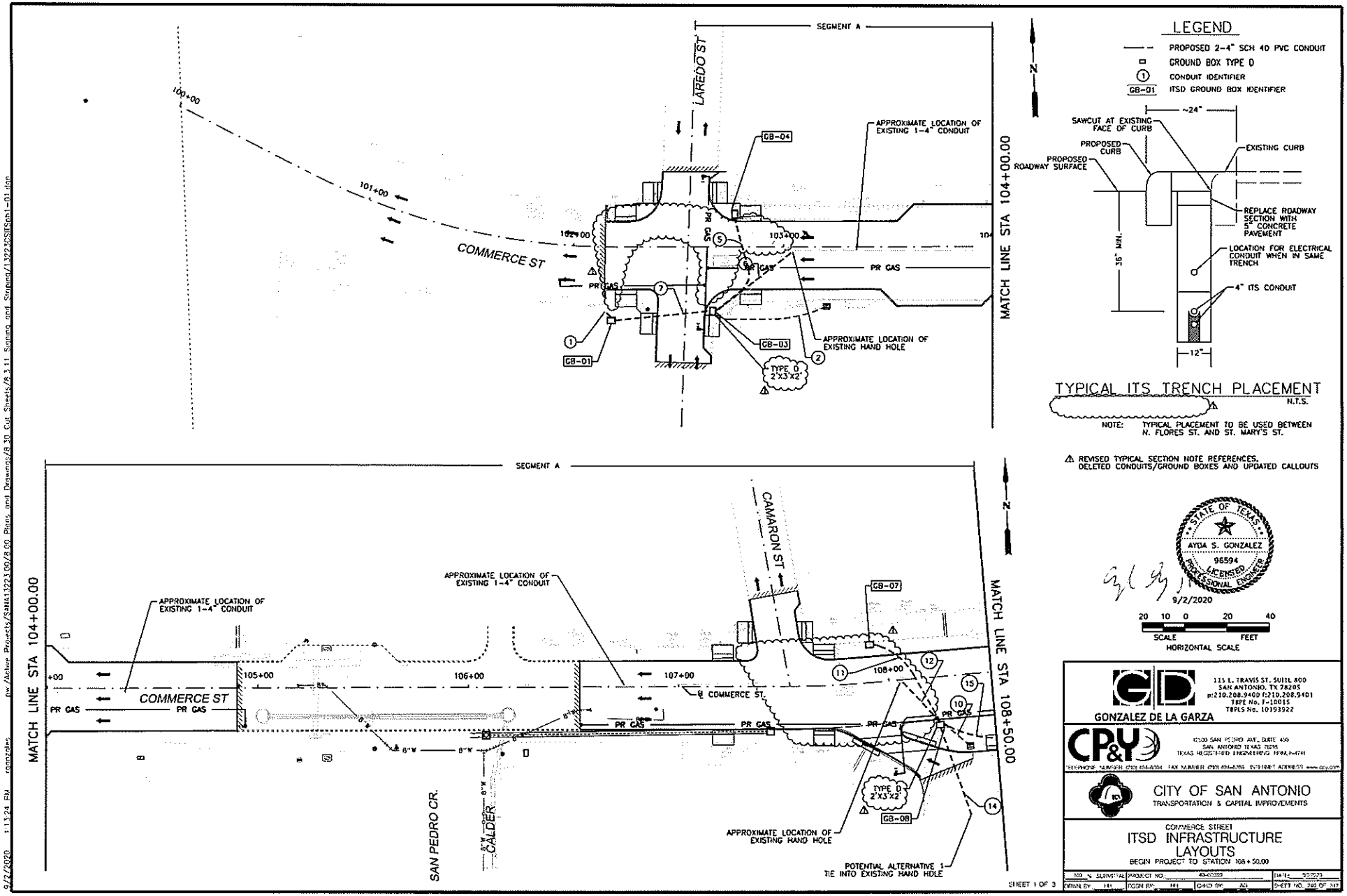
SEGMENT A
LAREDO ST
COMMERCE ST
100+00
101+00
102+00
103+00
MATCH LINE STA 104+00.00
PR GAS
GB-01
GB-03
GB-04
APPROXIMATE LOCATION OF EXISTING 1-4" CONDUIT
APPROXIMATE LOCATION OF EXISTING HAND HOLE
TYPE D 2'X3'X2'
LEGEND
PROPOSED 2-4" SCH 40 PVC CONDUIT
GROUND BOX TYPE D
CONDUIT IDENTIFIER
GB-01 ITSD GROUND BOX IDENTIFIER
~24"
SAWCUT AT EXISTING FACE OF CURB
PROPOSED CURB
PROPOSED ROADWAY SURFACE
EXISTING CURB
REPLACE ROADWAY SECTION WITH 5" CONCRETE PAVEMENT
LOCATION FOR ELECTRICAL CONDUIT WHEN IN SAME TRENCH
4" ITS CONDUIT
36" MIN.
12"
TYPICAL ITS TRENCH PLACEMENT
N.T.S.
NOTE: TYPICAL PLACEMENT TO BE USED BETWEEN N. FLORES ST. AND ST. MARY'S ST.
REVISED TYPICAL SECTION NOTE REFERENCES, DELETED CONDUITS/GROUND BOXES AND UPDATED CALLOUTS
STATE OF TEXAS
AYDA S. GONZALEZ
96594
LICENSED
PROFESSIONAL ENGINEER
9/2/2020
20 10 0 20 40
SCALE FEET
HORIZONTAL SCALE
SEGMENT A
MATCH LINE STA 104+00.00
MATCH LINE STA 108+50.00
CAMARON ST
COMMERCE ST
SAN PEDRO CR.
CALDER
APPROXIMATE LOCATION OF EXISTING 1-4" CONDUIT
APPROXIMATE LOCATION OF EXISTING HAND HOLE
POTENTIAL ALTERNATIVE 1 TIE INTO EXISTING HAND HOLE
GB-07
GB-08
TYPE D 2'X3'X2'
105+00
106+00
107+00
108+00
GONZALEZ DE LA GARZA
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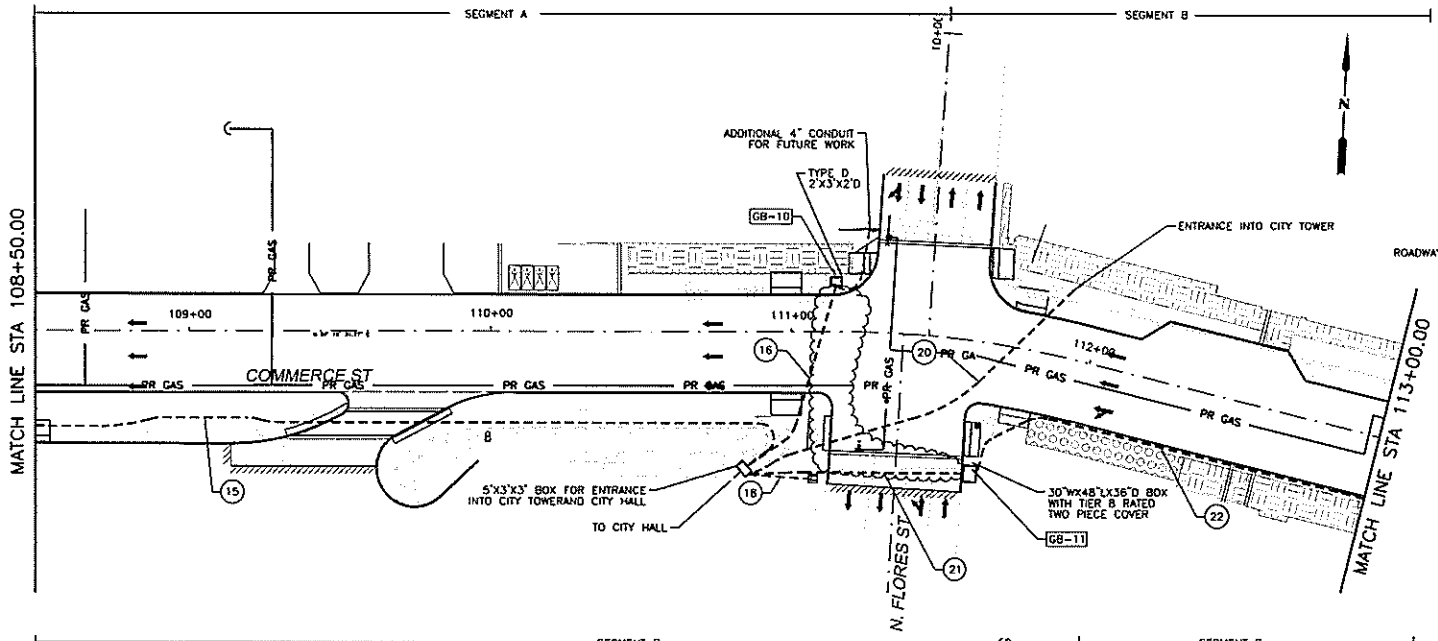
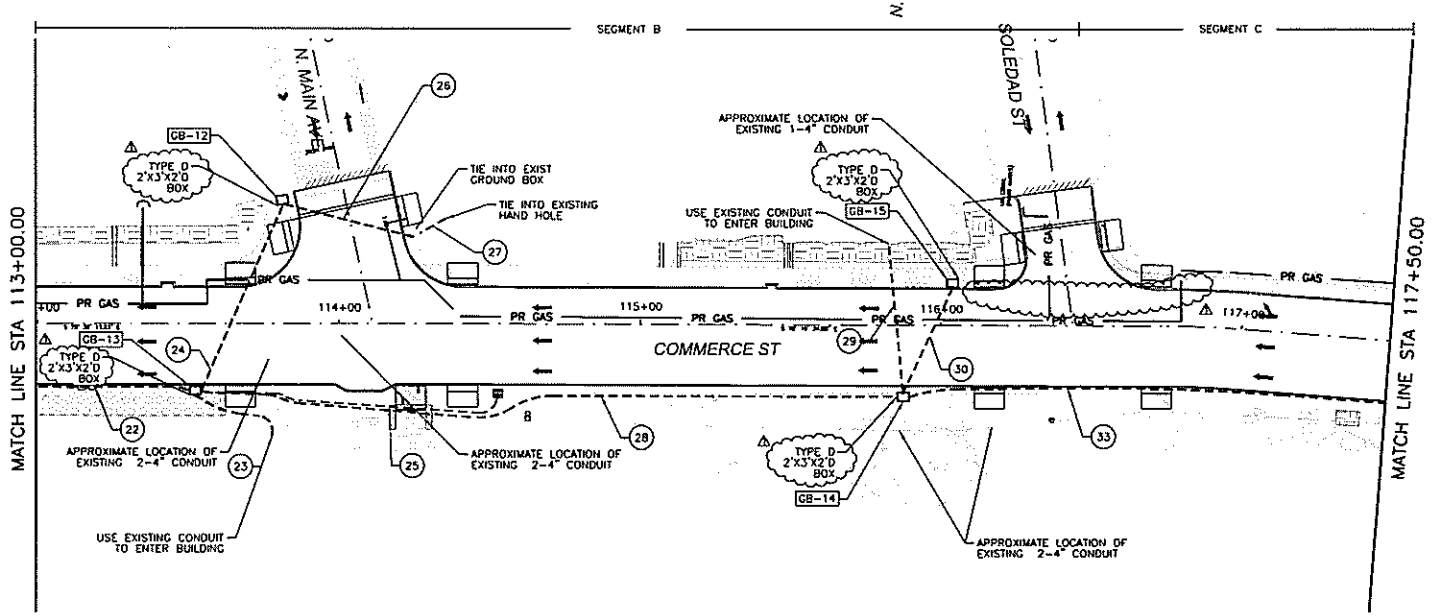
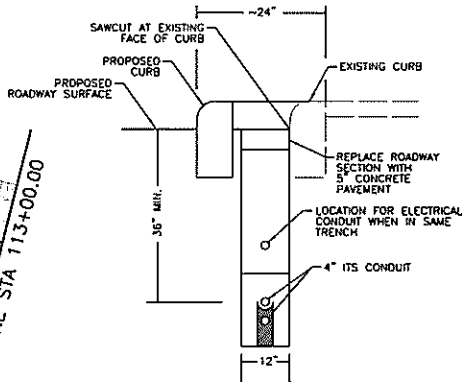
TBPE No. F-10015
TBPLS No. 10193922
CP&Y
CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS
COMMERCE STREET
ITSD INFRASTRUCTURE LAYOUTS
BEGIN PROJECT TO STATION 108+50.00
SHEET 1 OF 3




## LEGEND

- PROPOSED 2-4" SCH 40 PVC CONDUIT
- GROUND BOX TYPE D
- (1) CONDUIT IDENTIFIER
- GB-D1 ITSD GROUND BOX IDENTIFIER




## TYPICAL ITS TRENCH PLACEMENT

N.T.S.

NOTE: TYPICAL PLACEMENT TO BE USED BETWEEN N. FLORES ST AND ST. MARY'S ST.

⚠ REVISED TYPICAL SECTION NOTE REFERENCES. DELETED CONDUITS/GROUND BOXES AND UPDATED CALLOUTS

STATE OF TEXAS
AYDA S. GONZALEZ
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9/2/2020

SCALE 20 10 0 20 40 FEET
HORIZONTAL SCALE

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CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET
# ITSD INFRASTRUCTURE LAYOUTS
STA 108+50.00 TO STA 117+50.00

| | | | |
|---|---|---|---|
| 100% SUBMITTAL | PROJECT NO. 4340300 | | DATE: 9/2/2020 |
| DRAWN BY: HH | DESIGN BY: HH | CHKD BY: AGL | SHEET NO. 241 OF 243 |

SHEET 2 OF 3

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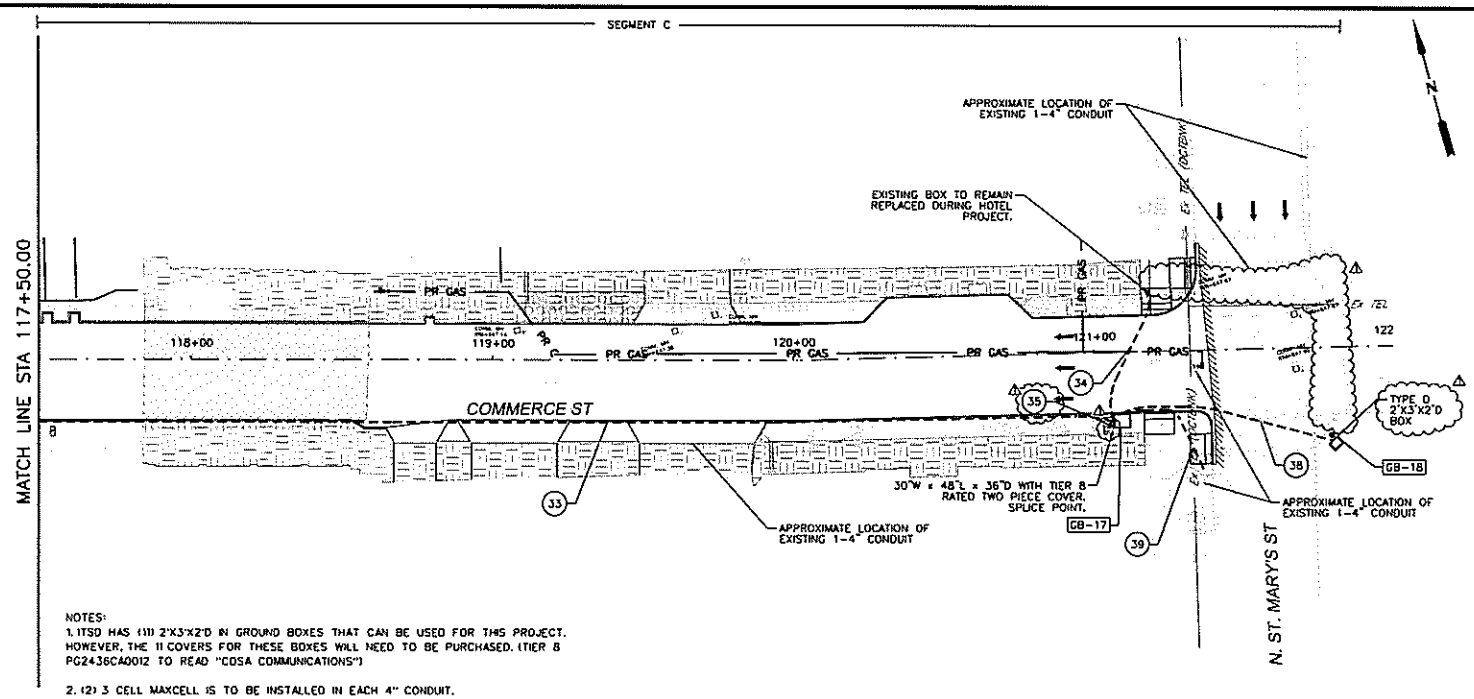



## LEGEND

- PROPOSED 2-4" SCH 40 PVC CONDUIT
- GROUND BOX TYPE D
- (1) CONDUIT IDENTIFIER
- GB-01 ITSD GROUND BOX IDENTIFIER

NOTES:

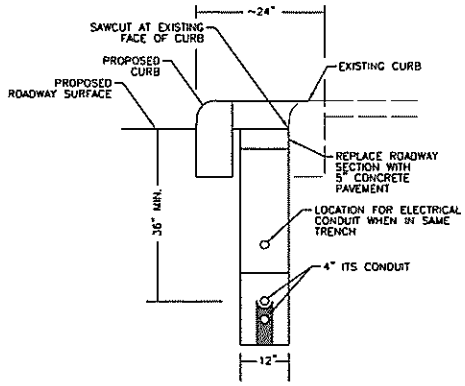
1. ITSD HAS (11) 2'X3'X2'D IN GROUND BOXES THAT CAN BE USED FOR THIS PROJECT. HOWEVER, THE 11 COVERS FOR THESE BOXES WILL NEED TO BE PURCHASED. (TIER 8 PG2436CA0012 TO READ "COSA COMMUNICATIONS")

2. (2) 3 CELL MAXCELL IS TO BE INSTALLED IN EACH 4" CONDUIT.

3. ONE 48SM FIBER TO BE INSTALLED FROM CITY TOWER EAST TO ST. MARY'S STREET TO CUT OVER RIVERVIEW TOWER AND THE INTERSECTIONS FROM N. FLORES TO ST. MARY'S. ONE 48SM FIBER AND TWO 96SM FIBER TO BE INSTALLED GOING WEST FROM CITY TOWER TO LAREDO STREET.

4. CONTACT MICHAEL WOLFSHOHL ITSD 830.660.3452

⚠ REVISED TYPICAL SECTION REFERENCE NOTES, UPDATED ELEMENTS TO ALIGN WITH NEARBY PROJECTS, DELETED CONDUIT/GROUND BOXES AND REVISED CALLOUTS




TYPICAL ITS TRENCH PLACEMENT
N.T.S.

NOTE: TYPICAL PLACEMENT TO BE USED BETWEEN N. FLORES ST AND ST. MARY'S ST.

STATE OF TEXAS
AYDA S. GONZALEZ
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LICENSED
PROFESSIONAL ENGINEER
9/2/2020

20 10 0 20 40
SCALE FEET
HORIZONTAL SCALE


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TBPE No. F-10015
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CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET
# ITSD INFRASTRUCTURE LAYOUTS
STA 117+50.00 TO END

| | | | |
|---|---|---|---|
| RD. & SURVEYING | PROJECT NO.: | | DATE: 9/2/2020 |
| DRAWN BY: HH | DSGN BY: HH | CHKD BY: AG | SHEET NO: 3 OF 3 |

SHEET 3 OF 3

9/2/2020 1:16:04 PM gonzalez per /Active Projects/SAWA13223.00/8.00 Plans and Drawings/8.30 Civil Sheets/8.3.11 Sonora and Strange/13223CSITSch1-03.dgn

## CONDUIT AND CONDUCTOR SCHEDULE

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B-BORED T-TRENCHED | BEGIN PROJECT TO STA 108+50.00 | CONDUIT/SPAN RUN NUMBER | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | | | | | | | | | | | | | | | |
| | | CONDUIT SIZE IN INCHES | 4 | 2 | | | 4 | 4 | 4 | | | 2 | 4 | 4 | | 4 | 2 | | | | | | | | | | | | | | | | |
| | | NUMBER OF CONDUITS | 2 | 1 | | | 1 | 2 | 2 | | | 1 | 2 | 2 | | 1 | 2 | | | | | | | | | | | | | | | | |
| | | CONDUIT/SPAN LENGTH (FEET) | 5 | 56 | | | 53 | 46 | 46 | | | 17 | 50 | 26 | | 44 | 26 | | | | | | | | | | | | | | | | |
| | | RUN TYPE | T | T | | | T | T | T | | | T | T | T | | T | T | | | | | | | | | | | | | | | | |
| | STA 108+50.00 TO STA 117+50.00 | CONDUIT/SPAN RUN NUMBER | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | | | | | | | | | | | | |
| | | CONDUIT SIZE IN INCHES | 2 | 4 | | 2 | | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | | | 4 | | | | | | | | | | | | |
| | | NUMBER OF CONDUITS | 2 | 2 | | 1 | | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | | | 2 | | | | | | | | | | | | |
| | | CONDUIT/SPAN LENGTH (FEET) | 262 | 70 | | 22 | | 255 | 72 | 194 | 32 | 68 | 103 | 46 | 10 | 234 | 50 | 39 | | | 159 | | | | | | | | | | | | |
| | | RUN TYPE | T | T | | T | | T | T | T | T | T | T | T | T | T | T | T | | | T | | | | | | | | | | | | |
| | STA 117+50.00 TO STA 126+00.00 | CONDUIT/SPAN RUN NUMBER | 33 | 34 | 35 | 36 | 37 | 38 | 39 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | CONDUIT SIZE IN INCHES | 4 | 4 | 2 | | | 4 | 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | NUMBER OF CONDUITS | 2 | 2 | | | | 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | CONDUIT/SPAN LENGTH (FEET) | 358 | 48 | 4 | | | 73 | 40 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | RUN TYPE | T | T | T | | | T | T | | | | | | | | | | | | | | | | | | | | | | | | |

## ITEMS PROVIDED BY THE CONTRACTOR

### ESTIMATED QUANTITIES - SHEET TOTAL

| EST | UNIT | DESCRIPTION |
|---|---|---|
| 3716 | LF | CONDUIT TRENCHED 4 INCHES SCH 40 PVC |
| 7 | EA | **GROUND BOX TYPE D COVERS |
| 12 | EA | GROUND BOX TYPE D (2'X3'X2'D) |
| 2 | EA | GROUND BOX (30"WX48"LX36"D) |
| 778 | LF | CONDUIT TRENCHED 2 INCHES SCH 40 PVC |

NOTE:

1. ALL ITSD GROUND BOXES SHOULD BE TYPE D, UNLESS OTHERWISE NOTED
2. COVER TO BE LABELED "COSA COMMUNICATION"
3. CONDUIT IS 2" OR 4" SCHEDULE 40 PVC, BASED ON SCHEDULE
4. NO MORE THAN (2) 90 DEGREE BENDS BETWEEN GROUND BOXES
5. MINIMUM BEND RADIUS IS 10 TIMES THE DIAMETER (10X2" = 20" RADIUS BENDS)
6. MINIMUM CONDUIT DEPTH OF 36 INCHES FROM TOP OF CONDUIT TO FINISH GRADE
7. MINIMUM 3 INCHES OF SAND ABOVE AND BELOW THE CONDUIT
8. ORANGE METALLIC TRACER 12" BELOW FINISH GRADE LABELED "TELECOMMUNICATIONS"
9. CONTACT MARK MONETTE W/ ITSD AT 210-508-6912

⚠ REVISED CONDUIT NUMBERS AND LENGTHS OF CONDUITS, DELETED CONDUIT RUNS AND UPDATED QUANTITIES

STATE OF TEXAS
AYDA S. GONZALEZ
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LICENSED PROFESSIONAL ENGINEER
9/2/2020


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CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

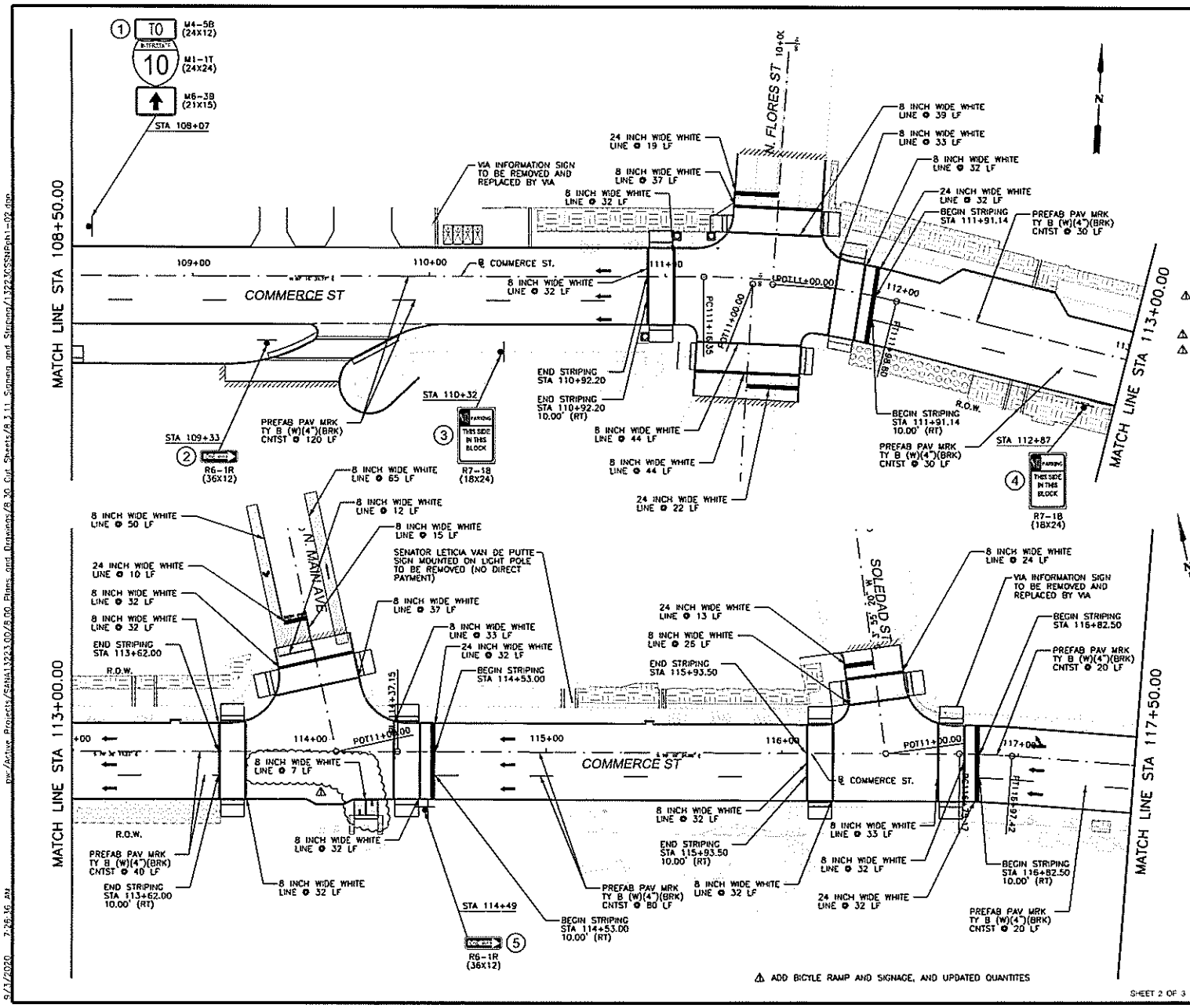
CORVERCE STREET

# ITSD INFRASTRUCTURE QUANTITIES

BEGIN PROJECT TO STA 126+00.00

KCI_% SUBMITTAL | PROJECT NO.: 49-00300 | DATE: 9/2/2020
DRWN BY: DC | DSGN BY: MSL | CHKD BY: AG | SHEET NO.: 245 OF 247


9/2/2020 3:59:38 PM rgonzales pw:\Active Projects\SAWA\1323.00\8.00 Plans and Drawings\8.30 Cut Sheets\8.3.11 Spinn and Stepping\1323.00SITSph1-Quantities.dgn




| ESTIMATED QUANTITIES - SHEET TOTAL CSJ: XXXX-XX-XXX | | |
|---|---|---|
| EST | UNIT | DESCRIPTION |
| 0 | EA | R1-1 STOP (30")(HIGH DENSITY) |
| 0 | EA | R3-1 NO RIGHT TURN (24"X24")(HIGH DENSITY) |
| 0 | EA | R3-7 LEFT LANE MUST TURN LEFT (30"X30") (HIGH DENSITY) |
| 0 | EA | R3-8 LANE-USE CONTROL (30"X30")(HIGH DENSITY) |
| 0 | EA | R5-1 DO NOT ENTER (30"X30")(HIGH DENSITY) |
| 2 | EA | R6-1 ONE WAY (36"X12")(HIGH DENSITY) |
| 0 | EA | R7-1 NO PARKING ANYTIME (18"X24")(HIGH DENSITY) |
| 2 | EA | R7-1B NO PARKING THIS SIDE/THIS BLOCK (18"X24")(HIGH DENSITY) |
| 0 | EA | SPECIAL SIGN (HIGH DENSITY) |
| 1 | EA | M1-1T INTERSTATE ROUTE (24"X24")(HIGH DENSITY) |
| 1 | EA | M4-5B TO (24"X12")(HIGH DENSITY) |
| 1 | EA | M6-3B DIRECTIONAL ARROW (21"X15")(HIGH DENSITY) |
| 0 | EA | R3-5/P RIGHT LANE (30"X12")(HIGH DENSITY) |
| 340 | LF | PREFAB PAV MRK TY B (W)(4")(BRK)CNTST |
| 340 | LF | REFL PAV MRK TY II (BLACK) 4"(SHADOW) (4") |
| 340 | LF | PAV SURF PREP FOR MRK (4") |
| 819 | LF | 8 INCH WIDE WHITE LINE |
| 160 | LF | 24 INCH WIDE WHITE LINE |
| 2 | EA | BIKE SHARROW SYMBOL |
| 4 | EA | BIKE SYMBOL |
| 3 | EA | BIKE ARROW |
| 1 | EA | WORD |
| 787 | SF | THERMOPLASTIC BIKE LANE GREEN |

## LEGEND

SIGN

DIRECTION OF TRAFFIC

THERMOPLASTIC BIKE LANE GREEN

NOTES

1. SIGN SUPPORTS SHALL BE LOCATED AS SHOWN ON THE PLANS, EXCEPT THAT THE ENGINEER MAY SHIFT THE SIGN SUPPORTS, WITHIN DESIGN GUIDELINES, WHERE NECESSARY TO SECURE A MORE DESIRABLE LOCATION OR TO AVOID CONFLICT WITH UTILITIES. THE CONTRACTOR SHALL STAKE AND THE ENGINEER WILL VERIFY ALL SIGN SUPPORT LOCATIONS.

STATE OF TEXAS
AYDA S. GONZALEZ
96594
LICENSED
PROFESSIONAL ENGINEER
9/3/2020

20 10 0 20 40
SCALE FEET
HORIZONTAL SCALE

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TBPLS No. 10193922

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SAN ANTONIO, TEXAS 78216
TEXAS REGISTERED ENGINEERING FIRM F-1741
TELEPHONE NUMBER (210) 494-6004 FAX NUMBER (210) 494-6010 INTERNET ADDRESS www.cpy.com

CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS

COMMERCE STREET
# SIGNING AND PAVEMENT MARKING LAYOUT
STA 108+50.00 TO STA 117+50.00

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|---|---|---|---|
| 100% SUBMITTAL | PROJECT NO. 6540300 | | DATE: 9/3/2020 |
| DRWN BY: 181 | DSGN BY: 181 | CHKD BY: ACL | SHEET NO. 2 OF 3 |

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