

Agenda Item No. G-2

DATE SUBMITTED 06/14/2023

SUBMITTED BY COMMUNITY DEVELOPMENT DIRECTOR

DATE ACTION REQUIRED 06/21/2023

COUNCIL ACTION (X)

PUBLIC HEARING REQUIRED ()

RESOLUTION ()

ORDINANCE 1ST READING ()

ORDINANCE 2ND READING ()

CITY CLERK'S INITIALS 48

**IMPERIAL CITY COUNCIL
AGENDA ITEM**

SUBJECT: DISCUSSION/ACTION:
LaBRUCHERIE WIDENING PROJECT FROM ATEN BLVD TO TRESHILL ROAD
BID NO. 2022-04

1. AUTHORIZE BALANCING CHANGE ORDER AND FINAL CONTRACT AMOUNT.
2. AUTHORIZE THE PAYMENT OF THE CONSTRUCTION WORK DONE EXCEPTING THE 5% RETAINAGE OF THE AMOUNT EXPENDED ON THE INSTALLATION OF THE 9 (NINE) STREETLIGHTS.

DEPARTMENT INVOLVED: COMMUNITY DEVELOPMENT DEPARTMENT

BACKGROUND/SUMMARY:

The Community Development Department was directed by City Council to conduct a competitive BID process for the construction of LaBrucherie Widening Project from Aten Blvd to Treshill Road (BID No. 2022-04).

The project consisted of PCC Curb & Gutters, PCC driveways, PCC Sidewalks, ADA Ramps, Asphalt Paving, Streetlights, Thermoplastic Striping, Water Main Pipe, Catch Basins and Storm Drain Pipelines.

See attached Exhibit 1 (Approved Improvement Plans) for details.

After a successful competitive BID process with five (5) formal proposals, an individual contract in the amount of \$2,055,598.80 was awarded to ROVE Engineering, Inc, the lowest responsive and responsible bidder, per Agenda Item F-3 (CC07-20-22).

See Exhibit 2 for details.

Also, due to potential adverse unknown conditions under this former County road, the City Council authorized a 25% (\$513,899.13) Contingency.

Therefore, the total authorized amount for the project is **\$2,569,497.93**.

The project was funded through the Senate Bill 1 RMRA (Road Maintenance and Rehabilitation Account) Act of 2017, as well as LTA Measure D and Circulation Funds.

The construction work was successfully completed on March 30, 2023 with the only exception being energizing the 9 (nine) streetlights installed along the East side of the project due to now IID is requiring all Cities/Developers to label the new streetlights based on the new IID Streetlight Pole Marking dated 04/12/2023. The City is currently working on completing this requirement.

Staff continued working with ROVE Engineering, Inc. on finalizing quantities to determine final contract amount.

Additional work included more sidewalks, curb and gutters, cross gutters, and streetlights to increase project benefits to the residents, as well as unforeseen "Time & Materials" tasks.

Exhibit 3-A (Qty Over Runs = \$328,187.13) + Exhibit 3-B (Time & Material = \$73,312.60) = **\$401, 499.73**

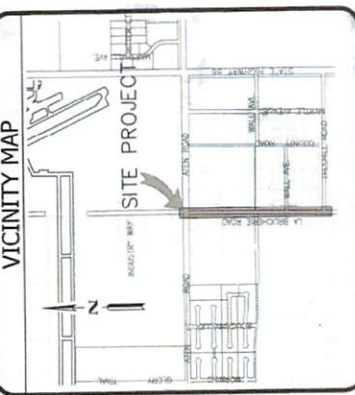
See said Exhibits 3-A & 3-B attached herewith for details.

Final amount has been accounted in the attached Balancing Change Order (Exhibit 4) for review and approval.

| | |
|--|---|
| <p>FISCAL IMPACT:</p> <p>Original Contract Sum: \$ 2,055,598.80 Net Change by C.O. : \$ 401,499.73 (19.53%) Total Amount Expended Including C.O.: \$ 2,457,098.53</p> <p>Contingency: \$ 73,312.60 (3.57%) Additional Quantities: \$ 328,187.13 (15.96%)</p> <p>Total Authorized Amount for the Project = \$ 2,569,497.93 Remaining Portion from the Authorized Amount = \$ 112,399.40</p> | <p>ADMIN SERVICES SIGN INITIALS <u>DP</u></p> |
| <p>STAFF RECOMMENDATION: Staff recommends City Council</p> <p>1. AUTHORIZE BALANCING CHANGE ORDER AND FINAL CONTRACT AMOUNT.</p> <p>2. AUTHORIZE THE PAYMENT OF THE CONSTRUCTION WORK DONE EXCEPTING THE 5% RETAINAGE OF THE AMOUNT EXPENDED ON THE INSTALLATION OF THE 9 (NINE) STREETLIGHTS.</p> | <p>DEPT. INITIALS <u>DM</u></p> |
| <p>MANAGER'S RECOMMENDATION: <u>approve</u></p> | <p>CITY MANAGER'S INITIALS <u>DM</u></p> |
| <p>MOTION:</p> <p>SECONDED: APPROVED () REJECTED () AYES: DISAPPROVED () DEFERRED () NAYES: ABSENT: REFERRED TO:</p> | |

EXHIBIT 1

CITY OF IMPERIAL
LA BRUCHERIE WIDENING PROJECT
FROM ATEN BLVD. TO TRESHILL RD.



ABBREVIATIONS table listing symbols and their corresponding construction terms such as ASPHALT, CONCRETE, and REBAR.

SHEET INDEX table with columns for SHEET NUMBER, DESCRIPTION, and ITEM NO.

GENERAL NOTES containing numbered instructions regarding construction standards, materials, and site preparation.

PROJECT DESCRIPTION detailing the widening of La Brucherie from Aten Blvd to Treshill Rd.

CITY COUNCIL listing Mayor and Council Members: Karen Engend, Geoffrey D. Dale, Robert Apparano, Katie Burgharth, James Tucker.

CITY STAFF listing City Manager, City Clerk, Public Works Director, and other key personnel.

DECLARATION OF RESPONSIBLE CHARGE signed by the Engineer of Record, Carlos Corrales.

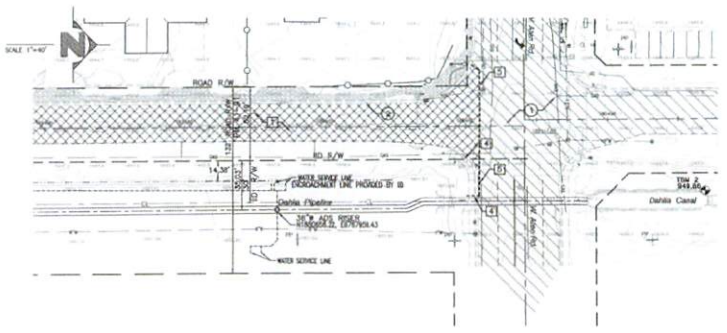
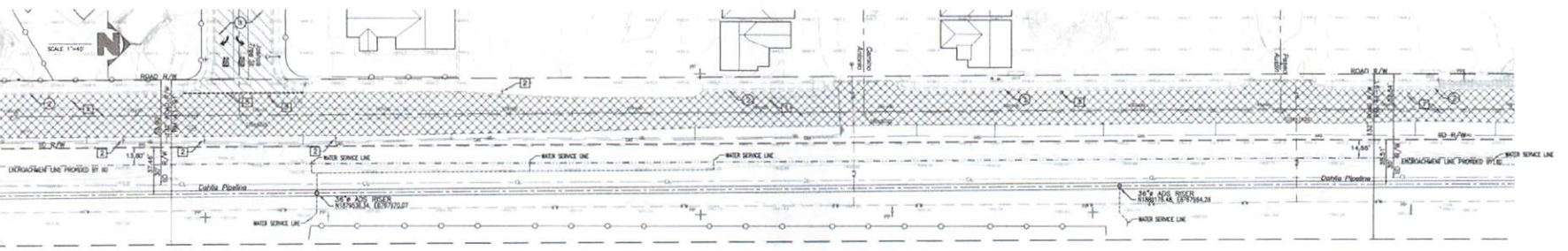
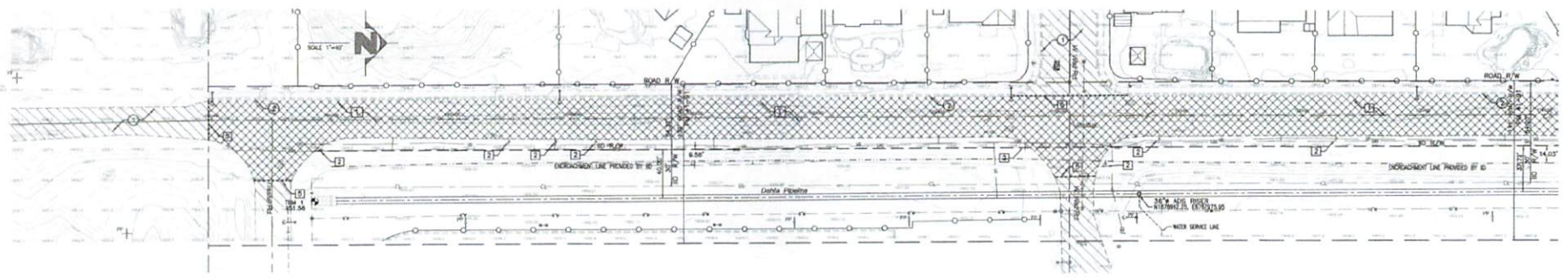
CITY OF IMPERIAL IMPROVEMENT PLANS TITLE SHEET with project details and sheet information.

ENGINEER OF RECORD section with signature of Carlos Corrales and date 2-07-2022.

APPROVED stamp and signature of the Director of Public Works, Marco Lopez.

UNDERGROUND SERVICE ALERT stamp and other project metadata including call toll free number 811.

EXHIBIT 1



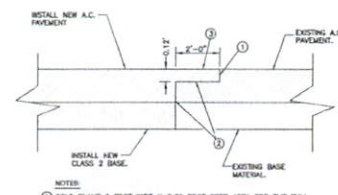
IID ENCROACHMENT PERMIT WILL BE REQUIRED PRIOR TO START ANY WORK WITHIN IID RIGHT OF WAY

DEMOLITION NOTES:

- 1 REMOVE EXISTING ASPHALT & BASE SECTION AND DISPOSE OF MATERIAL.
- 2 RELOCATE EXISTING STREET SIGN, SEE SHEET 6 FOR FINAL LOCATION.
- 3 EXISTING MARSHALE FRAME/COVER TO BE OWNED & LIFT BEFORE PAVING, AFTER PAVING ADJUST MARSHALE FRAME/COVER TO 3/8" BELOW GRADE AND INSTALL A PCC CONCRETE RING ONE FOOT WIDE AND ONE FOOT DEEP AROUND THE MARSHALE FRAME/COVER.
- 4 EXISTING PCC RAMP, CURB & GUTTER AND SIDEWALK TO BE REMOVED AND DISPOSED OFF.
- 5 EXISTING FORM EXISTING PAVEMENT (1" MIN) FOR THE FULL SECTION PER COLD PLANE DETAIL AND DISPOSE OF MATERIAL.

EXISTING NOTES:

- 1 EXISTING A.C. PAVEMENT TO REMAIN
- 2 EXISTING CURB AND GUTTER TO REMAIN



- NOTES:**
- 1 2' WIDE X 0.25' DEEP AREA FOR THE FILL
 - 2 SIDE OF THE A.C. PAVEMENT
 - 3 TACK COAT THE EXISTING A.C. PAVEMENT EDGE AND COLD PLANE
 - 4 2" WIDE X 0.25' DEEP AREA FOR THE FILL
 - 5 1/2" WIDE X 0.25' DEEP AREA FOR THE FILL
 - 6 1/2" WIDE X 0.25' DEEP AREA FOR THE FILL
 - 7 1/2" WIDE X 0.25' DEEP AREA FOR THE FILL
 - 8 1/2" WIDE X 0.25' DEEP AREA FOR THE FILL
 - 9 1/2" WIDE X 0.25' DEEP AREA FOR THE FILL
 - 10 1/2" WIDE X 0.25' DEEP AREA FOR THE FILL

COLD PLANE DETAIL

APPROVED

CITY OF IMPERIAL

BY: *[Signature]* DATE: *2/22/22*

ENCROACHMENT LINE FOR LA BRUCHERE ROAD PROJECT

(42' FROM IID CL STREET) PROVIDED BY ID BEARY ON 2/23/2021

| SIMILAR CANAL PIPELINE PROJECT - PHASE 1 | |
|--|----------------------------------|
| STATION | EXISTING CENTER LINE OF PIPELINE |
| 1+00.00 | 848788.0000, 848790.0000 |
| 1+05.00 | 848788.0000, 848790.0000 |
| 1+10.00 | 848788.0000, 848790.0000 |
| 1+15.00 | 848788.0000, 848790.0000 |
| 1+20.00 | 848788.0000, 848790.0000 |
| 1+25.00 | 848788.0000, 848790.0000 |
| 1+30.00 | 848788.0000, 848790.0000 |
| 1+35.00 | 848788.0000, 848790.0000 |
| 1+40.00 | 848788.0000, 848790.0000 |
| 1+45.00 | 848788.0000, 848790.0000 |
| 1+50.00 | 848788.0000, 848790.0000 |
| 1+55.00 | 848788.0000, 848790.0000 |
| 1+60.00 | 848788.0000, 848790.0000 |
| 1+65.00 | 848788.0000, 848790.0000 |
| 1+70.00 | 848788.0000, 848790.0000 |
| 1+75.00 | 848788.0000, 848790.0000 |
| 1+80.00 | 848788.0000, 848790.0000 |
| 1+85.00 | 848788.0000, 848790.0000 |
| 1+90.00 | 848788.0000, 848790.0000 |
| 1+95.00 | 848788.0000, 848790.0000 |
| 2+00.00 | 848788.0000, 848790.0000 |

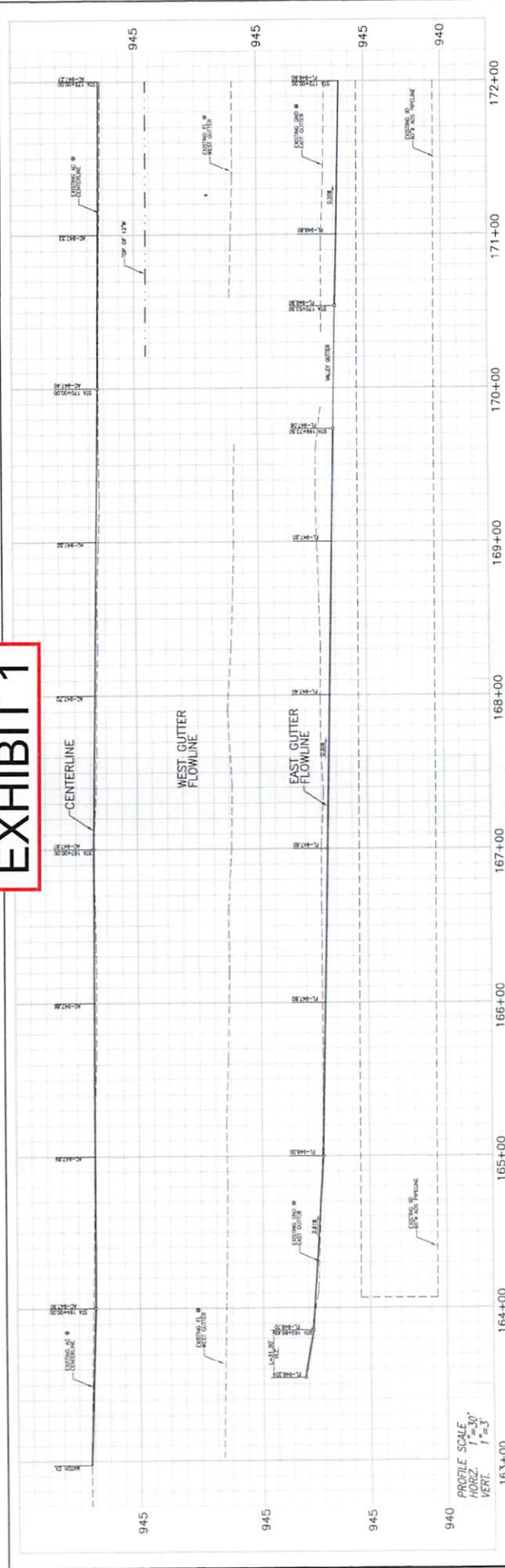
BENCHMARK TABLE

| MARK | DESCRIPTION | NO. | ELEV. |
|------|---|-----|---------|
| BM1 | TOP OF BRASS DISK STAMPED TO 1225 | 100 | 844.885 |
| BM2 | TOP OF CONCRETE RETAINING WALL FOR GEODETIC MARKER WITH PDI | | |
| BM3 | 1/2" DIA. BRASS PEG ON THE "E" UPSTREAM | 101 | 848.38 |
| BM4 | 1/2" DIA. BRASS PEG ON THE "E" UPSTREAM | 102 | 848.38 |
| BM5 | 1/2" DIA. BRASS PEG ON THE "E" UPSTREAM | 103 | 848.38 |

| | | | | | | |
|--|--|--|--|---|---|---|
| <p>UNDERGROUND SERVICE ALERT</p> <p>CALL: TOLL FREE 811</p> <p>TWO WORKING DAYS BEFORE YOU DIG</p> | <p>APPROVED BY DIRECTOR OF PUBLIC WORKS</p> <p>CITY OF IMPERIAL, CA</p> <p>BY: <i>[Signature]</i> JACKIE LOPER DATE: <i>2-22-22</i></p> <p>R.C.E. NO.: _____</p> | <p>ENGINEER OF RECORD</p> <p>PLANS PREPARED UNDER THE SUPERVISION OF</p> <p>BY: <i>[Signature]</i> CARLOS CORRALES DATE: <i>2-02-2022</i></p> <p>R.C.E. NO.: 55432</p> | <p>SEAL</p> <p>NO. 50432</p> <p>EXP. 01-31-22</p> <p>STATE OF CALIFORNIA</p> | <p>LC ENGINEERING CONSULTANTS INC.</p> <p>ONE DEBESSIMMO-VADE-SARATOGA-CORRECTION MARKING DRIVE</p> <p>1415 State Street</p> <p>Escondido CA 92025</p> <p>DATE: 12/2/21</p> <p>BENCHMARK: SEE SHEET NO. 1</p> | <p>CITY OF IMPERIAL</p> <p>IMPROVEMENT PLANS</p> <p>TOPO & DEMOLITION PLAN</p> <p>LA BRUCHERE WIDENING PROJECT FROM ATEEN BLVD. TO TRISHILL RD.</p> <p>W.D.</p> | <p>SHEET</p> <p>2 OF 12 SHEETS</p> <p>JOB NO.</p> <p>C190332-00</p> |
|--|--|--|--|---|---|---|

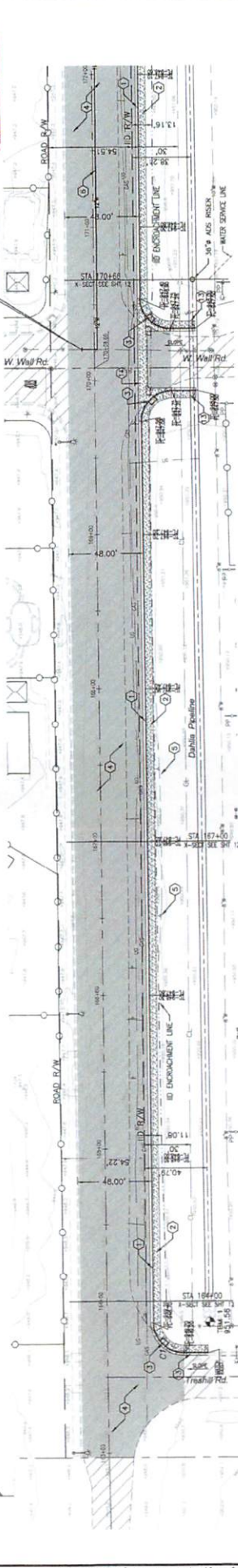
L:\Projects\2018\181033-00_City of Imperial - La Bruchere - Topo & Demolition\181033-00_181033-00.dwg 22/02/2022 12:48

EXHIBIT 1



IID PERMANENT ENCROACHMENT PERMIT WILL BE REQUIRED BY CITY OF IMPERIAL FOR AREA THE CITY IS ENCROACHING INTO IID RIGHT OF WAY DUE TO THE ROAD WIDENING

APPROVED
CITY OF IMPERIAL
DATE: 02/21/21



La Brucherie Rd

- CONSTRUCTION NOTES:**
- 1- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 400
 - 2- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 401
 - 3- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 402
 - 4- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 403
 - 5- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 404
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 - 18- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 417
 - 19- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 418
 - 20- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 419
 - 21- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 420

CITY OF IMPERIAL ENCROACHMENT ON IID FROM U.L. COORDINATES:

| STA. | N=1872514.79 | E=7970503.22 |
|--------|--------------|--------------|
| 164+00 | N=1872514.79 | E=7970503.22 |
| 165+00 | N=1872514.79 | E=7970503.22 |
| 166+00 | N=1872514.79 | E=7970503.22 |
| 167+00 | N=1872514.79 | E=7970503.22 |
| 168+00 | N=1872514.79 | E=7970503.22 |
| 169+00 | N=1872514.79 | E=7970503.22 |
| 170+00 | N=1872514.79 | E=7970503.22 |
| 171+00 | N=1872514.79 | E=7970503.22 |
| 172+00 | N=1872514.79 | E=7970503.22 |

CURVE TABLE

| STATION | PC | PVI | PT | LC | EA | EA | EA | EA |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 164+00 | 164+00 | 164+00 | 164+00 | 164+00 | 164+00 | 164+00 | 164+00 | 164+00 |
| 165+00 | 165+00 | 165+00 | 165+00 | 165+00 | 165+00 | 165+00 | 165+00 | 165+00 |
| 166+00 | 166+00 | 166+00 | 166+00 | 166+00 | 166+00 | 166+00 | 166+00 | 166+00 |
| 167+00 | 167+00 | 167+00 | 167+00 | 167+00 | 167+00 | 167+00 | 167+00 | 167+00 |
| 168+00 | 168+00 | 168+00 | 168+00 | 168+00 | 168+00 | 168+00 | 168+00 | 168+00 |
| 169+00 | 169+00 | 169+00 | 169+00 | 169+00 | 169+00 | 169+00 | 169+00 | 169+00 |
| 170+00 | 170+00 | 170+00 | 170+00 | 170+00 | 170+00 | 170+00 | 170+00 | 170+00 |
| 171+00 | 171+00 | 171+00 | 171+00 | 171+00 | 171+00 | 171+00 | 171+00 | 171+00 |
| 172+00 | 172+00 | 172+00 | 172+00 | 172+00 | 172+00 | 172+00 | 172+00 | 172+00 |

PROFILING SERVICE ALERT
CALL TOLL FREE 811
THE PROSPECTORS MAY BE IN YOUR WAY

CITY OF IMPERIAL
IMPROVEMENT PLANS
PLAN & PROFILE
FROM A17EN 163+00 TO TRENCH RD

ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
BY: *[Signature]* DATE: 2-22-2022
R.C.E. NO.: 55432

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA
BY: *[Signature]* DATE: 2-7-21
R.C.E. NO.:

REVISIONS

| NO. | DATE | BY | REVISIONS |
|-----|------|----|-----------|
| | | | |

SCALE
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 3'

CONSTRUCTION NOTES:

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- 20- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 419
- 21- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 420

NOTES:

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- 20- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 419
- 21- ALL PAVEMENT AND CURBS FOR CITY OF IMPERIAL, DET. NO. 420

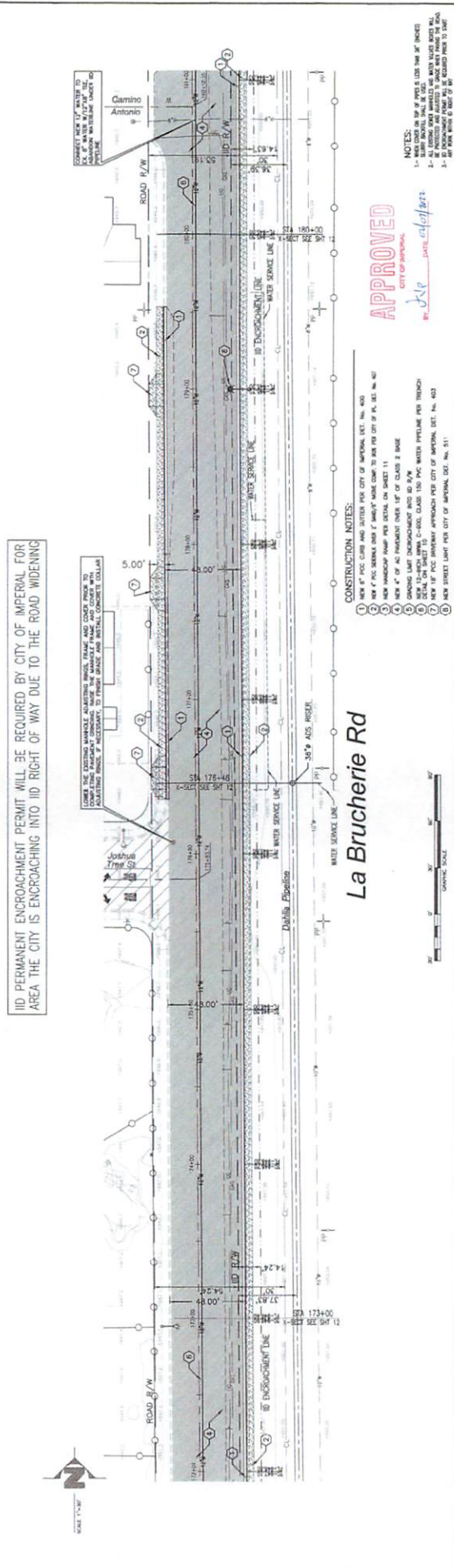
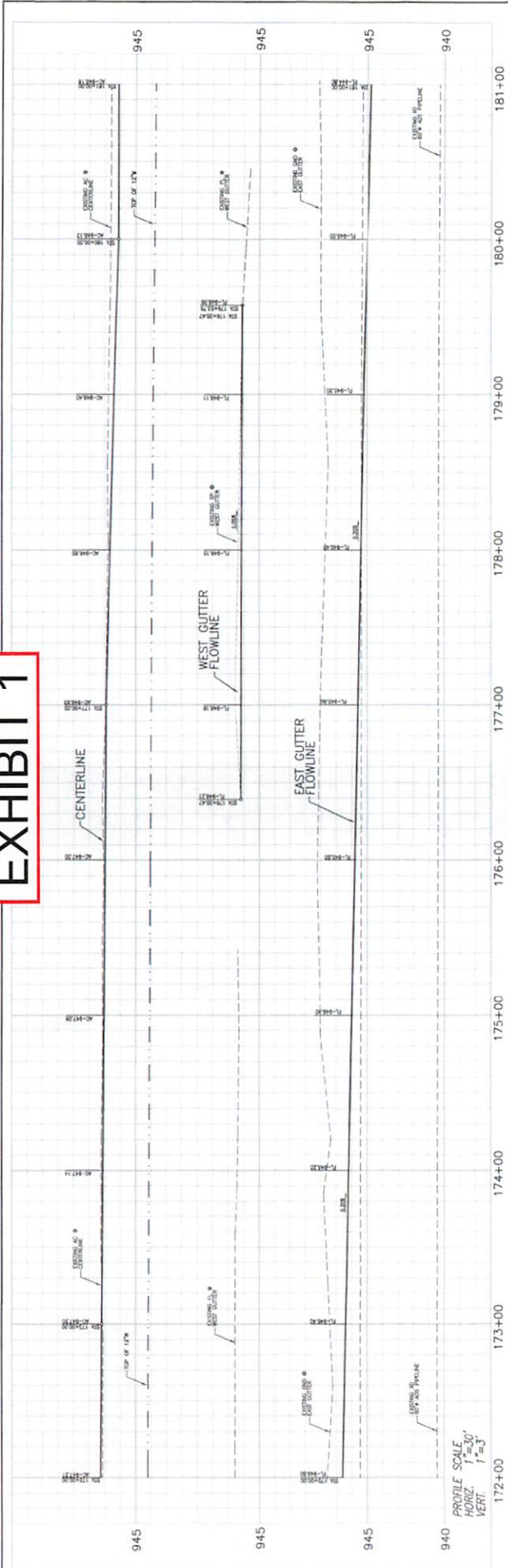
UC ENGINEERING CONSULTANTS, INC.
1000 S. Street
Imperial, CA 92543
Tel: (760) 939-1111
Fax: (760) 939-1112
www.ucsinc.com

SEAL
Professional Engineer
No. 55432
Exp. 12/31/21
State of California

SHEET
3 OF 12 SHEETS
JOB NO. C19033-00

DATE: 12/02/21 **BENCHMARK:** SEE SHEET NO. 1

EXHIBIT 1



APPROVED
 CITY OF IMPERIAL
 J. K. [Signature]

CONSTRUCTION NOTES:

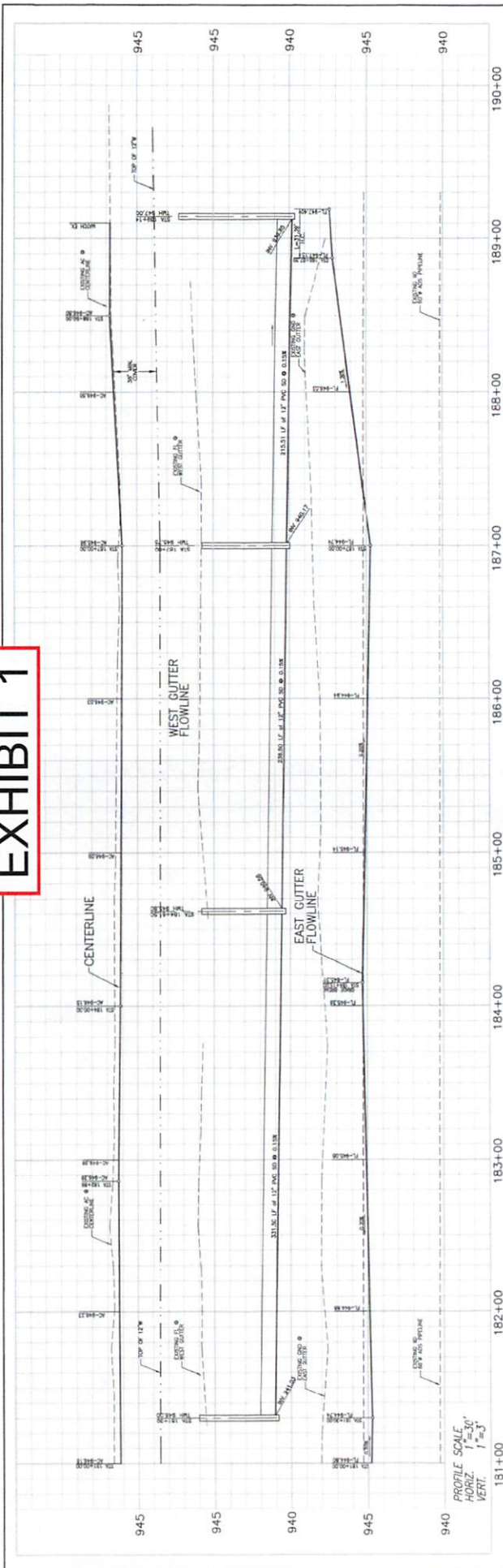
1. 10' P.C. CURB AND GUTTER PER CITY OF IMPERIAL DET. NO. 403
2. 10' P.C. SIDEWALK PER CITY OF IMPERIAL DET. NO. 403
3. 10' P.C. SIDEWALK PER DET. NO. 403
4. 10' P.C. SIDEWALK PER DET. NO. 403
5. 10' P.C. SIDEWALK PER DET. NO. 403
6. 10' P.C. SIDEWALK PER DET. NO. 403
7. 10' P.C. SIDEWALK PER DET. NO. 403
8. 10' P.C. SIDEWALK PER DET. NO. 403

NOTES:

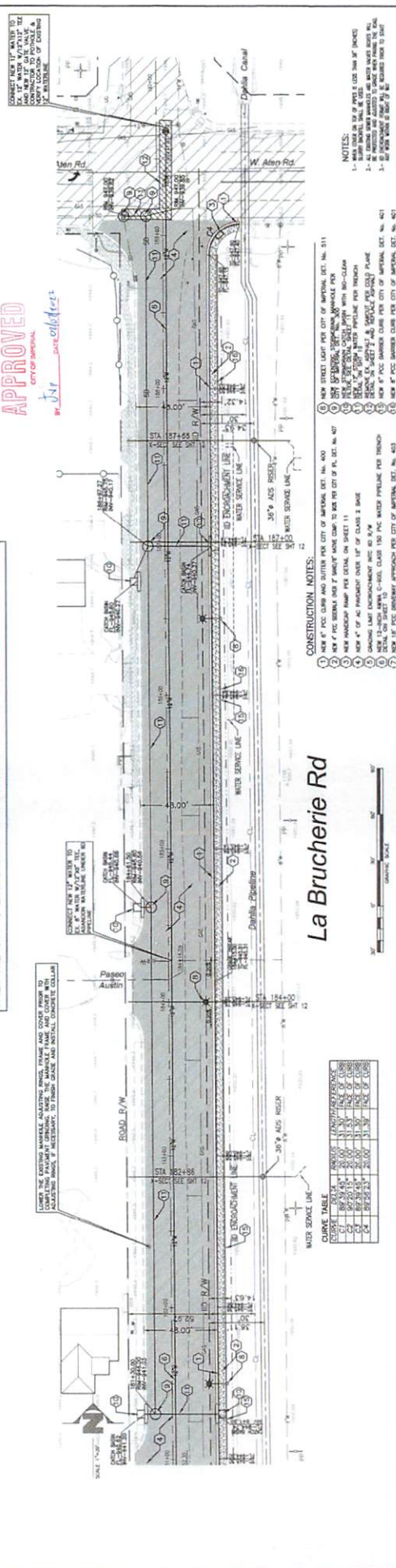
1. SEE SHEET 12 FOR 30' R/W
2. SEE SHEET 12 FOR 30' R/W
3. SEE SHEET 12 FOR 30' R/W
4. SEE SHEET 12 FOR 30' R/W
5. SEE SHEET 12 FOR 30' R/W
6. SEE SHEET 12 FOR 30' R/W
7. SEE SHEET 12 FOR 30' R/W
8. SEE SHEET 12 FOR 30' R/W

| | | | | | | | | | | | |
|--|--|--|--|---|--|---|--|---|--|--|--|
| UNDERGROUND SERVICE ALERT CALL 811 TWO WORKING DAYS BEFORE YOU DIG | | APPROVED BY DIRECTOR OF PUBLIC WORKS CITY OF IMPERIAL, CA [Signature] DATE: 2-27-22 | | ENGINEER OF RECORD PLANS PREPARED UNDER THE SUPERVISION OF [Signature] DATE: 2-22-22 | | SEAL [Professional Seal] No. 55432 Exp. 12/31/23 | | CITY OF IMPERIAL IMPROVEMENT PLANS PLAN & PROFILE LA BRUCHERIE WIDENING PROJECT FROM 172+00 TO 178+00 | | SHEET 4 of 12 SHEETS JOB NO. C19033530 | |
| REVISIONS | | S.C.E. NO.: 55432 | | S.C.E. NO.: 55432 | | BENCHMARK: SEE SHEET NO. 1 | | LC ENGINEERING CONSULTANTS, INC. 1000 E. MAIN ST., SUITE 200 IMPERIAL, CA 92541 (619) 425-1111 | | DATE: 12/02/21 | |

EXHIBIT 1



IID PERMANENT ENCROACHMENT PERMIT WILL BE REQUIRED BY CITY OF IMPERIAL FOR AREA THE CITY IS ENCROACHING INTO ID RIGHT OF WAY DUE TO THE ROAD WIDENING



APPROVED

CITY OF IMPERIAL
BY: *JAR* DATE: 02/20/22

- CONSTRUCTION NOTES:**
1. NEW 4\"/>
 - 2. NEW 4\"/>
 - 3. NEW 4\"/>
 - 4. NEW 4\"/>
 - 5. NEW 12\"/>
 - 6. NEW 4\"/>
 - 7. NEW 4\"/>

ENGINEER OF RECORD
 PLANS PREPARED UNDER THE SUPERVISION OF
 BY: *Carlos Corrales* DATE: 2-22-2022
 S.C.E. NO.: 55432

| UNDERGROUND SERVICE ALERT CALL TOLL FREE 811 THIS WORKING DAYS BEFORE YOU DIG | REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th>DATE</th><th>BY</th><th>REVISIONS</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table> | DATE | BY | REVISIONS | | | | | | | APPROVED BY DIRECTOR OF PUBLIC WORKS CITY OF IMPERIAL, CA BY: <i>Jackie Lopez</i> DATE: 2-22-22 S.C.E. NO.: | SEAL | DATE: 12/29/21 BENCHMARK: SEE SHEET NO. 1 S.C.E. NO.: 55432 | CITY OF IMPERIAL IMPROVEMENT PLANS PLAN & PROFILE LA BRUCHERIE WIDENING PROJECT PROJECTIONS: NAD 83 TO TRAILER PROJ. SHEET 5 OF 12 SHEETS JOB NO.: S.C.E. NO.: C18933-00 |
|---|--|-----------|----|-----------|--|--|--|--|--|--|--|----------|---|--|
| DATE | BY | REVISIONS | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |



| REVISIONS | |
|-----------|----------|
| NO. | DATE |
| 1 | 12/07/21 |
| 2 | 12/07/21 |
| 3 | 12/07/21 |
| 4 | 12/07/21 |
| 5 | 12/07/21 |
| 6 | 12/07/21 |
| 7 | 12/07/21 |
| 8 | 12/07/21 |
| 9 | 12/07/21 |
| 10 | 12/07/21 |
| 11 | 12/07/21 |
| 12 | 12/07/21 |

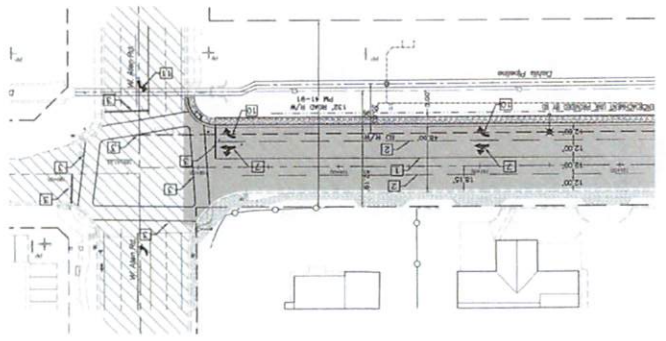
APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA
DATE: 2-7-22
R.C.E. NO. 55432
DATE: 2-7-22

ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
DATE: 2-02-2022
R.C.E. NO. 55432
DATE: 2-02-2022



LC ENGINEERING CONSULTANTS INC.
BENCHMARK: SEE SHEET NO. 1
DATE: 12/07/21

CITY OF IMPERIAL
IMPROVEMENT PLANS
STRIPING & SIGNAGE PLAN
JOB NO. 12 SHEETS
6 OF 6
C18033-00



NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL DURING THE INSTALLATION, REMOVAL OR MODIFICATION OF ALL SIGNING AND STRIPING SHOWN ON THESE PLANS.
2. THE APPLICATION OF THE TRAFFIC CONTROL DEVICES AND THEIR PLACEMENT SHALL CONFORM TO THE CURRENT CALIFORNIA MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES.
3. IN ACCORDANCE TO THE DISTRICTS MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES, THE TRAFFIC CONTROL DEVICES DISCLOSED IN SHEETS 1-9 THROUGH 1-17 OF THE CALIFORNIA MANUAL SHALL BE USED IN VARIOUS STAGES OF CONSTRUCTION.
4. CONNECTIONS TO THE DISTRICTS MANUAL SHALL CONFORM TO CALIFORNIA TRAFFIC MANUAL SECTION 6-71.
5. CONNECTIONS SHALL REMOVE AND SAVED ALL EXISTING CONSTRUCTION SIGNS, PAVEMENT MARKINGS AND STRIPING SHALL BE PAINTED AND WITH UNDELETED GLASS BEAMS PER CALIFORNIA CURRENT STD. SPECS. SEC. 64-2.020.
6. ALL MARKINGS AND STRIPING SHALL BE PAINTED AND WITH UNDELETED GLASS BEAMS MANUFACTURED.
7. FINAL STRIPING TO BE PLACED ONE MONTH AFTER PAVING OR AS SPECIFIED BY PAINT MANUFACTURER.

ID ENCROACHMENT PERMIT WILL BE REQUIRED PRIOR TO START ANY WORK WITHIN ID RIGHT OF WAY

STRIPING & SIGNAGE NOTES:

1. THEORETICAL POINT AND PASSING ZONES - TWO SECTION CORNER & YELLOW LINE PER CALIFORNIA STANDARD PLAN AD&A DETAIL 21.
2. THEORETICAL POINT & WHITE LANE LINE PER CALIFORNIA STANDARD PLAN AD&A DETAIL 8.
3. THEORETICAL POINT AND CROSSWALK LINE PER CALIFORNIA STANDARD PLAN AD&A.
4. THEORETICAL POINT 8' WHITE DELINEATOR/STRIPING LINES PER CALIFORNIA STANDARD PLAN AD&A.
5. THEORETICAL STOP LEGEND PER CALIFORNIA STANDARD PLAN AD&A.
6. INSTALL STOP AND STREET NAME SIGN.
7. THEORETICAL TYPE IN LEFT SHOULDER PER CALIFORNIA STD. PLAN AD&A.
8. THEORETICAL TYPE IN LEFT SHOULDER PER CALIFORNIA STD. PLAN AD&A.
9. THEORETICAL TYPE IN 10'-0" SHOULDER PER CALIFORNIA STD. PLAN AD&A.
10. THEORETICAL TYPE IN RIGHT SHOULDER PER CALIFORNIA STD. PLAN AD&A.
11. THEORETICAL TYPE IN RIGHT SHOULDER PER CALIFORNIA STD. PLAN AD&A.
12. THEORETICAL TYPE IN LEFT SHOULDER PER CALIFORNIA STD. PLAN AD&A.

LEGEND:
 _____ EXISTING STRIPING
 _____ PROPOSED STRIPING

APPROVED
 CITY OF IMPERIAL
 DATE: 02/07/22
 BY: [Signature]

EXHIBIT 1

UNGROUND SERVICE ALERT
CALL TOLL FREE
811
BEFORE YOU DIG

| DATE | BY | WORK | REVISIONS |
|----------|-----|----------|-----------|
| 12/22/21 | SWT | REVISION | REVISION |
| 11/29/21 | SWT | REVISION | REVISION |
| 10/22/21 | SWT | REVISION | REVISION |
| 10/17/21 | SWT | REVISION | REVISION |
| 10/17/21 | SWT | REVISION | REVISION |

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA
DATE: 2-2-22
JACOB LOMEN

ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
DATE: 2-02-2022
PARTS CONSULTANTS
P.C.E. NO.: 55432



LC ENGINEERING CONSULTANTS INC.
1000 S. MICHIGAN AVE. SUITE 200
IMPERIAL, CA 92541
BENCHMARK: SEE SHEET NO. 1
DATE: 12/20/21

CITY OF IMPERIAL
IMPROVEMENT PLANS
TRAFFIC SIGNAL DETAILS
LA BRONCKE WIDENING PROJECT
FROM NEW BLVD. TO TRESHILL RD.
SHEET 8 OF 12
NO. 12
C19033-00

APPROVED
DATE: 02/02/22
BY: JACOB LOMEN

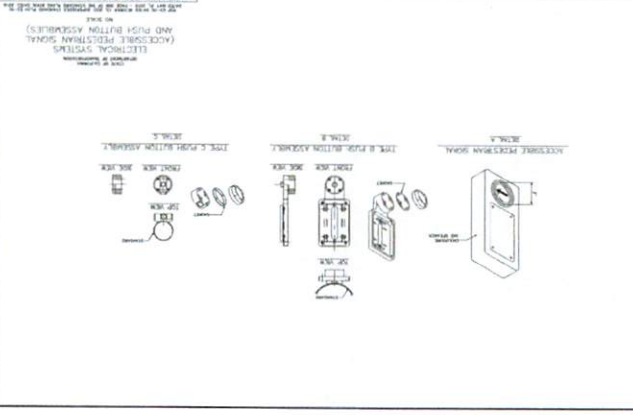
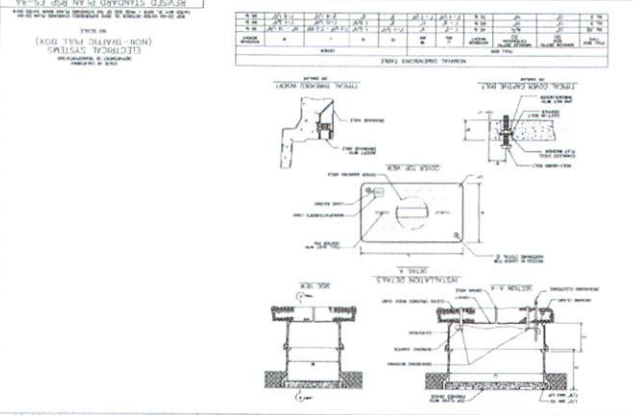
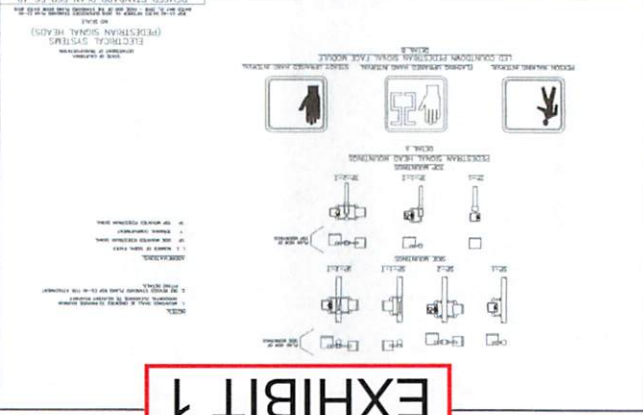
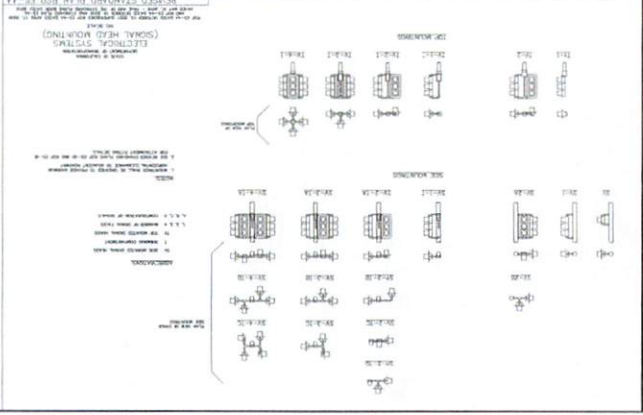
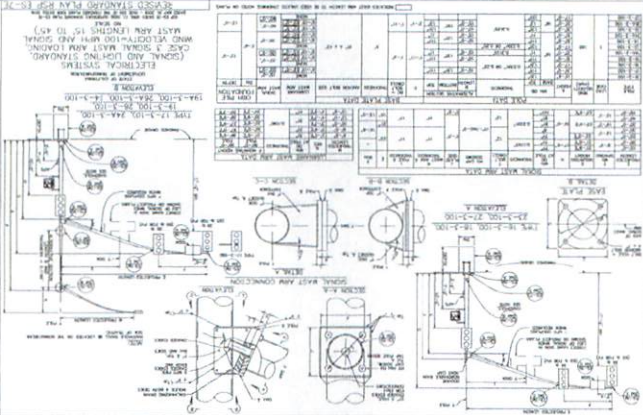
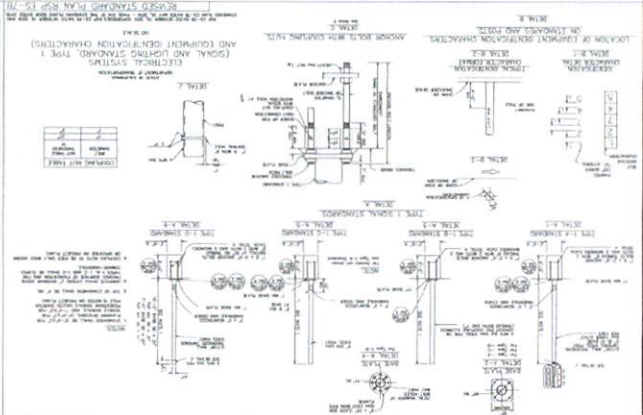
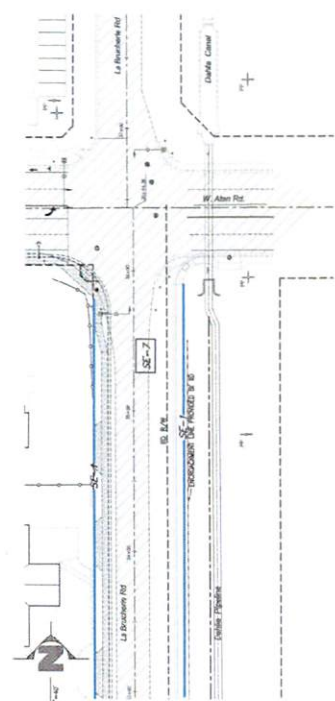
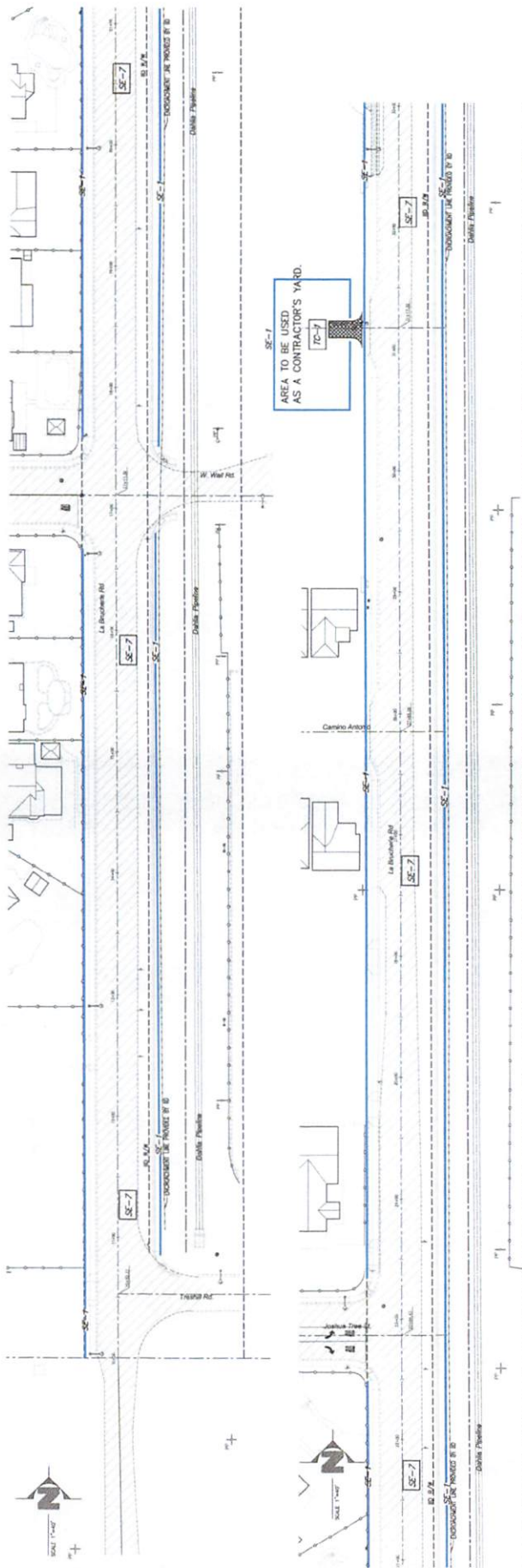


EXHIBIT 1

EXHIBIT 1



IID ENCROACHMENT PERMIT WILL BE REQUIRED PRIOR TO START ANY WORK WITHIN IID RIGHT OF WAY

Contractor's yard area will use the following traps per local residential code for stormwater trap handbook:

- SE-7 STREET W/SEWER
- SE-7 STREET W/SEWER AND UNIMPAVED CONSTRUCTION ENTRANCE/EXIT WITH THE ROAD

- LEGEND:**
- SE-1 - SILT FENCE
 - SE-7 - STREET SWEEPING AND VACUUMING (ON EXISTING ROADS AND ON NEW STREETS ONCE CONSTRUCTED)
 - TC-1 - STABILIZED CONSTRUCTION ENTRANCE/EXIT



NATURAL FLOW PATH
PROJECT SURFACE FLOW DIRECTION



| | | | | | | | | | | | | | |
|--|--|---|--|---|--|---|--|---|--|---|--|--|--|
| UNDERGROUND SERVICE ALERT CALL TOLL FREE 811 TWO WORKING DAYS BEFORE YOU DIG | | REVISIONS DATE DRAWN BY CHECKED BY DATE: 6-7-13 | | APPROVED BY DIRECTOR OF PUBLIC WORKS CITY OF IMPERIAL, CA BY: [Signature] JUDGE LOPER R.E.C. NO.: | | ENGINEER OF RECORD PLANS PREPARED UNDER THE SUPERVISION OF BY: CARLOS CORONALES DATE: 2-02-2022 R.E.C. NO.: 55432 | | SEAL ILLINOIS PROFESSIONAL ENGINEER No. 05432 State of IL Exp. 12/31/2022 | | L.C. ENGINEERING CONSULTANTS INC. 4055 Main Street El Cerrito, CA 94530 DATE: 12/02/21 BENCHMARK: SEE SHEET NO. 1 | | CITY OF IMPERIAL IMPROVEMENT PLANS EROSION CONTROL PLAN LA BRUCHERIE WINDING PROJECT FROM 4TH BLVD TO TRESHER RD. SHEET NO. 9 OF 12 SHEETS JOB NO. C18033205 | |
|--|--|---|--|---|--|---|--|---|--|---|--|--|--|

| UNRECORDED SERVICE ALERT | |
|--------------------------|----------------------|
| DATE | 12/07/2022 |
| PROJECT | PROJECT NO. 1717/21 |
| LOCATION | PROJECT NO. 15/17/21 |
| APPROVED | DATE |
| DATE | BY |
| DATE | BY |



CALL TOX FREE

811

PROJECT NO. 102

| REVISONS | |
|----------|------------|
| NO. | DATE |
| 1 | 12/07/2022 |
| 2 | 12/07/2022 |
| 3 | 12/07/2022 |
| 4 | 12/07/2022 |
| 5 | 12/07/2022 |
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| 9 | 12/07/2022 |
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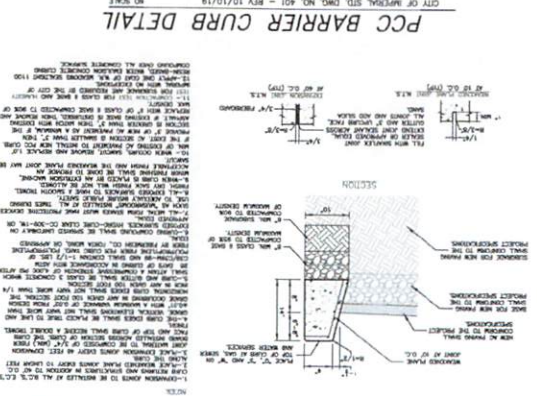
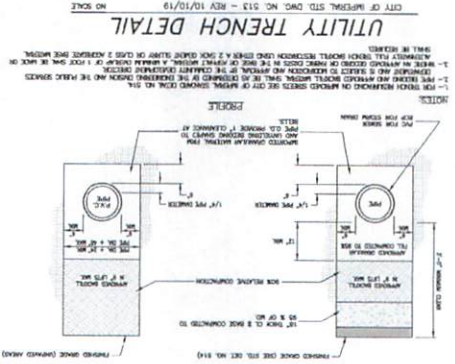
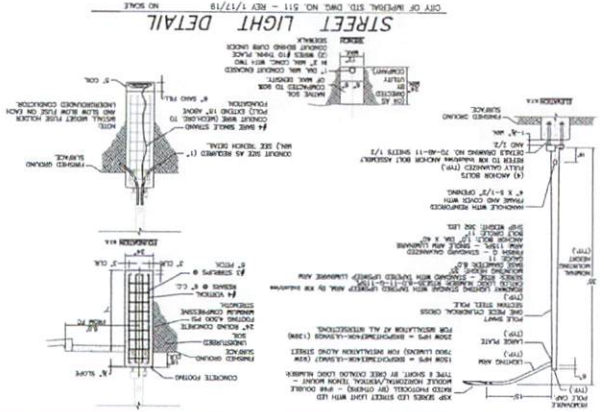
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CITY OF IMPERIAL, CA
DATE: 12/7/22

ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
DATE: 12-07-2022



DATE: 12/07/21
BENCHMARK: SEE SHEET NO. 1
LTC ENGINEERING CONSULTANTS INC.
16000 CANTON CA 92521

CITY OF IMPERIAL
IMPROVEMENT PLANS
SPECIFICATIONS & DETAILS
10 of 12 SHEETS
CIP 10233-02



APPROVED

CITY OF IMPERIAL

EXHIBIT 1

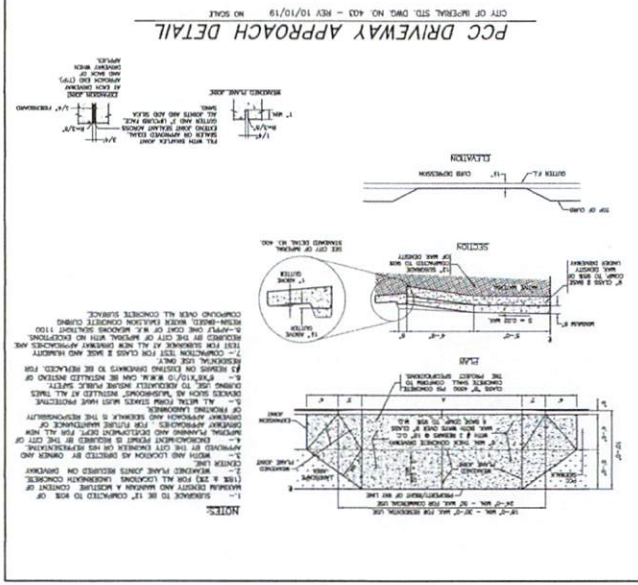
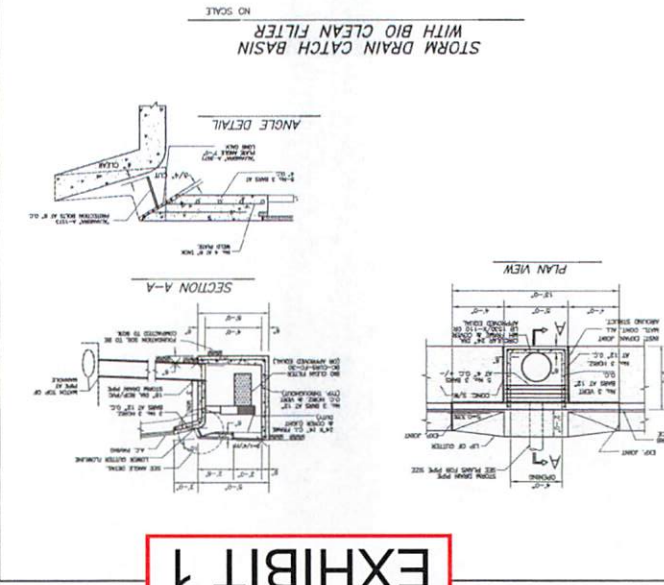
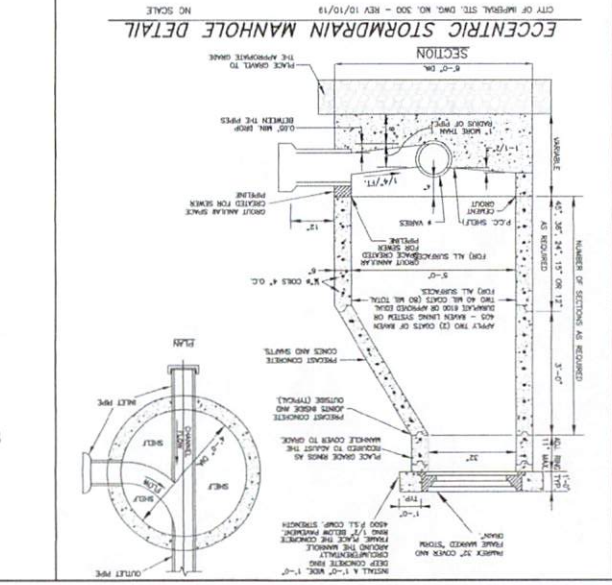
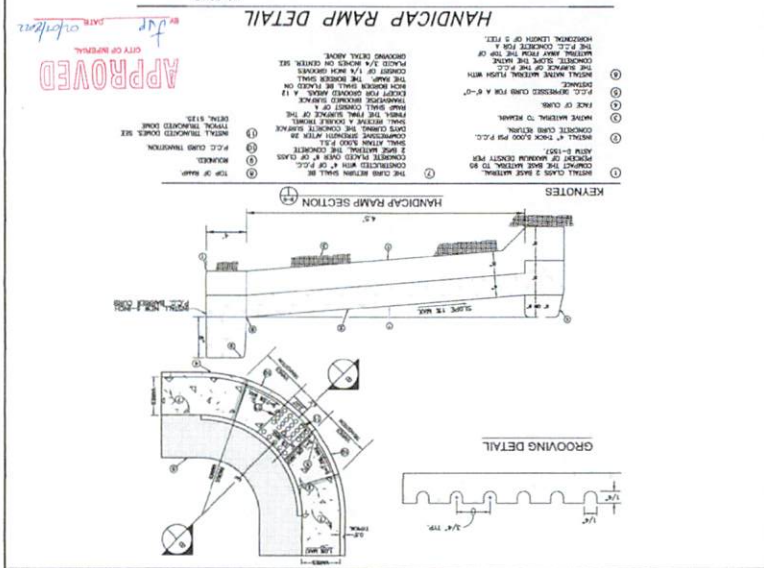
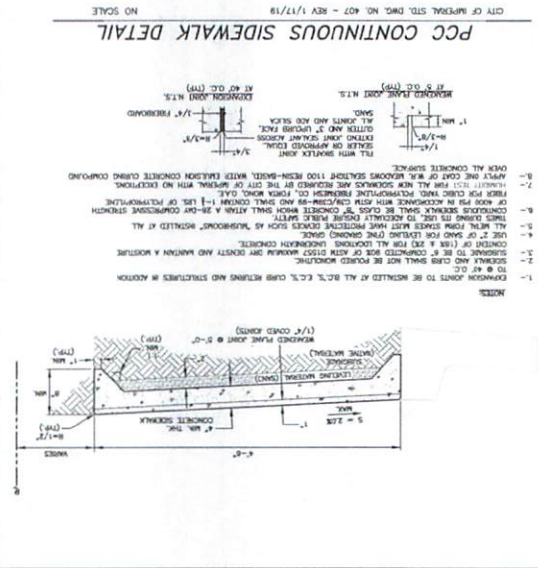
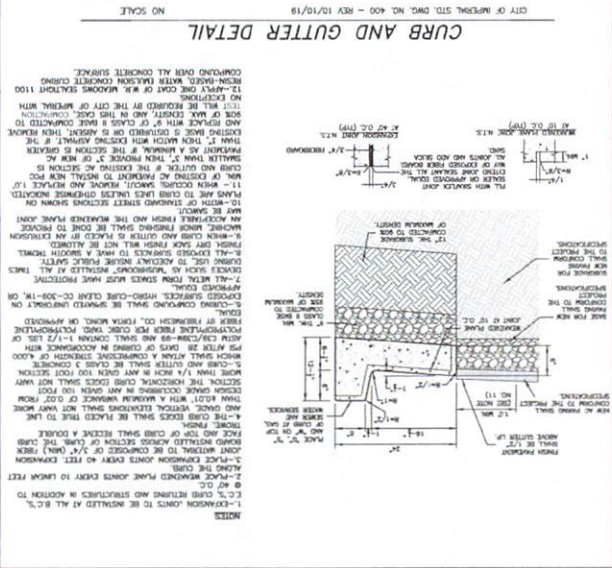


EXHIBIT 1



UNDESIGNED SERVICE ALERT
 CALL TOLL FREE
 811
 BEFORE YOU DIG

| DATE | BY | REVISIONS |
|----------|-------|-----------|
| 12/12/21 | DATEL | DATEL |
| 12/12/21 | DATEL | DATEL |
| 12/12/21 | DATEL | DATEL |

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA
 DATE: 2-22-22

ENGINEER OF RECORD
 PLANS PREPARED UNDER THE SUPERVISION OF
 DATE: 2-22-22



LC ENGINEERING CONSULTANTS INC.
 1215 S. STATE ST. SUITE 200
 IMPERIAL, CA 92541

CITY OF IMPERIAL
 IMPROVEMENT PLANS
 DETAILS & CROSS-SECTIONS
 12 OF 12 SHEETS
 SHEET NO. 187+66

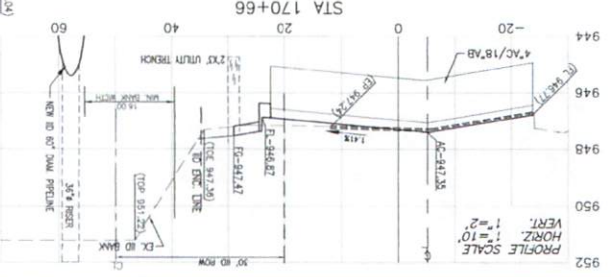
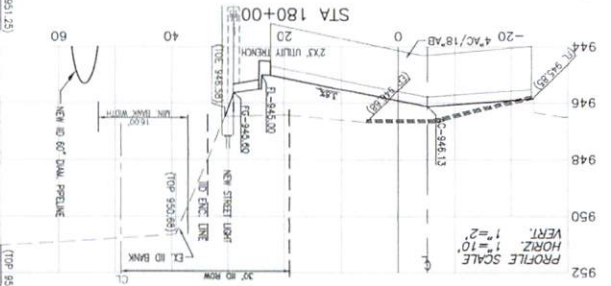
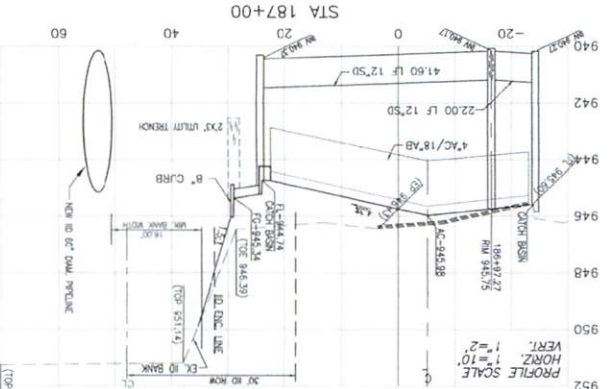
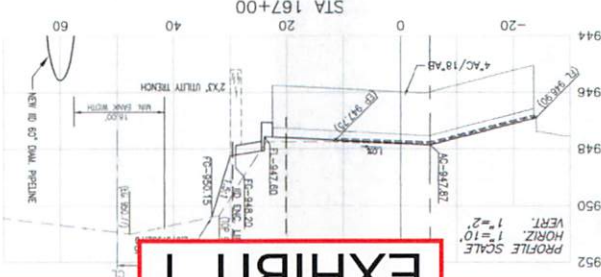
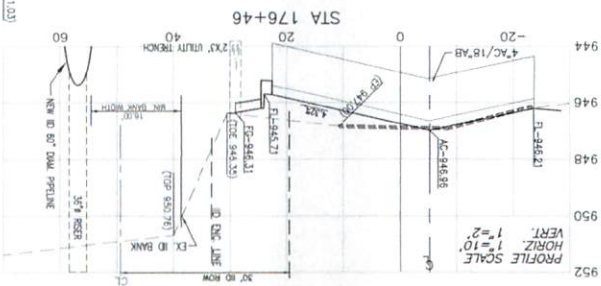
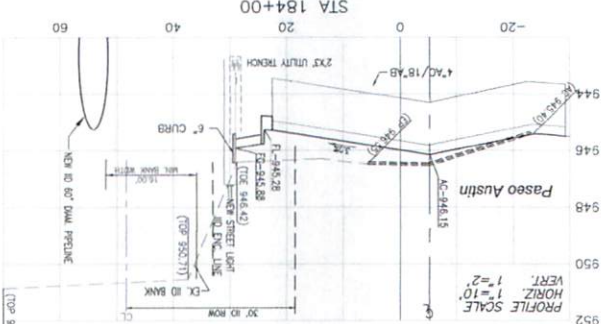
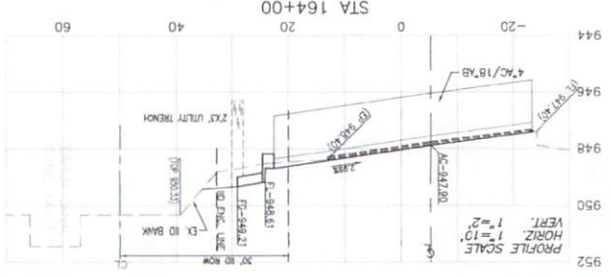
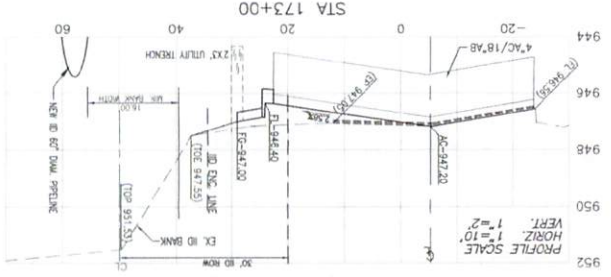
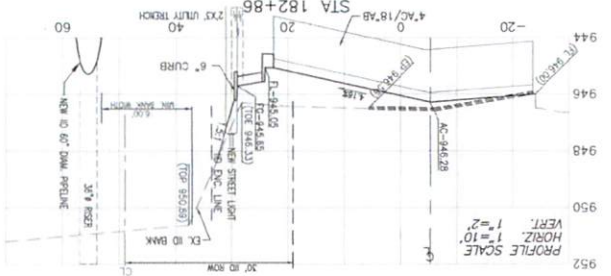
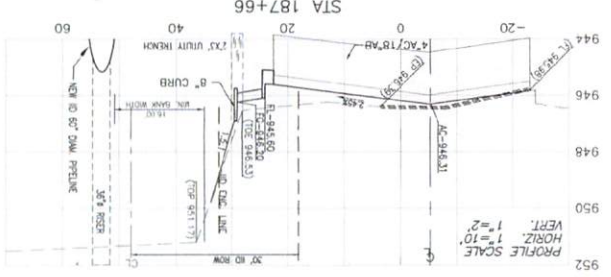


EXHIBIT 1

APPROVED

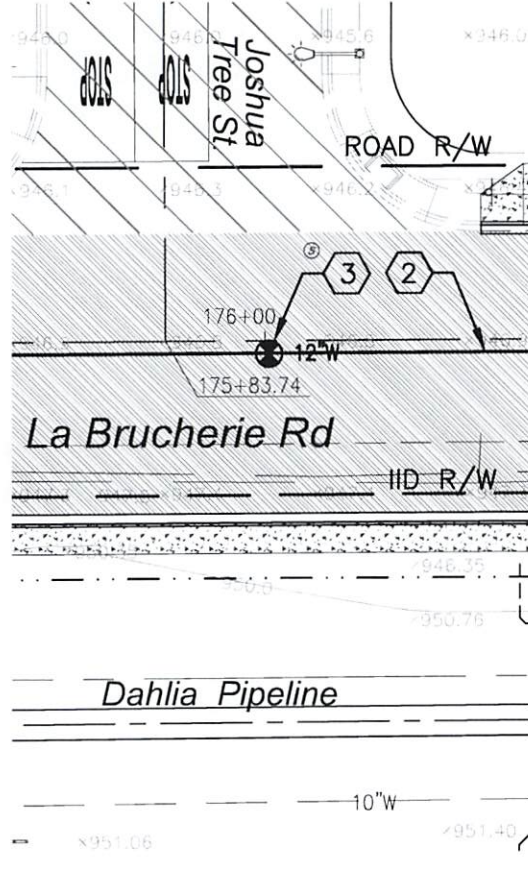
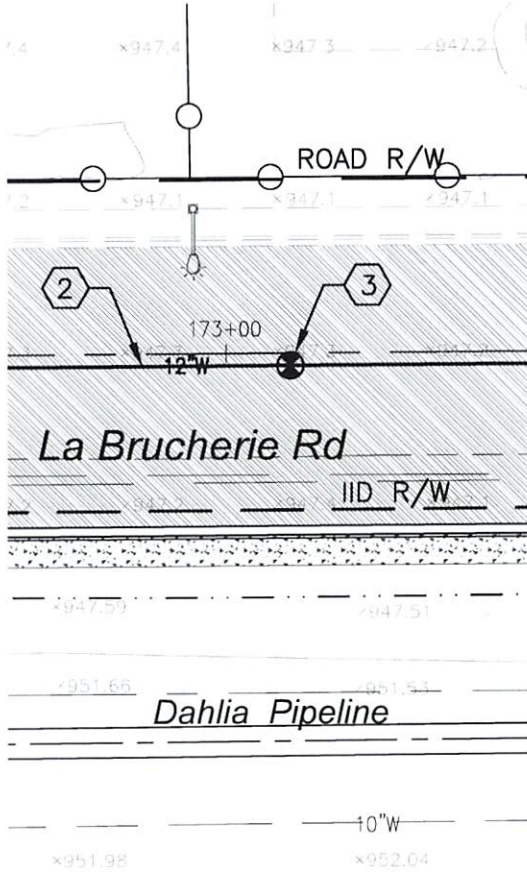
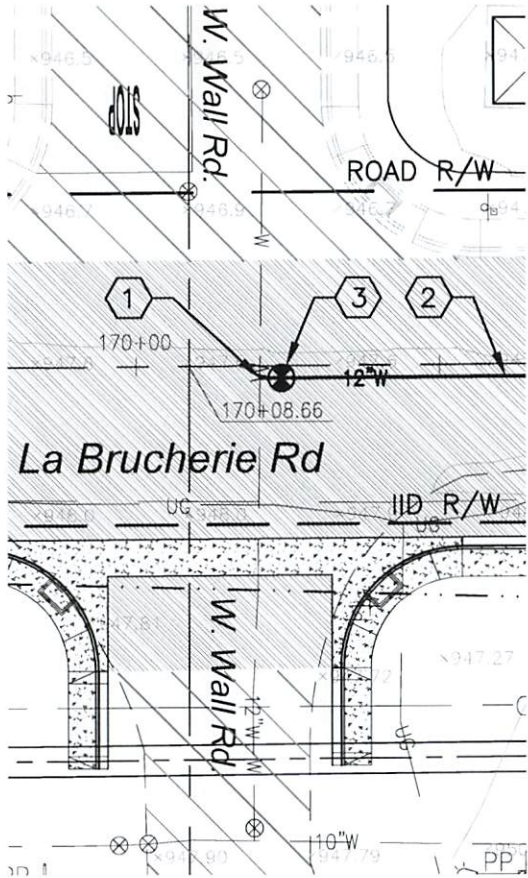
DATE: 12/12/21
 BY: DATEL

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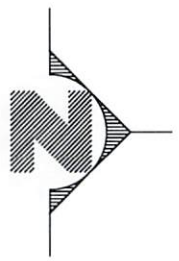
EXHIBIT 1

CONSTRUCTION NOTES:

- ① CONNECT NEW 12-INCH WATER LINE TO EXISTING 12-INCH WATER LINE WITH A 12-INCH X 12-INCH TEE.
- ② NEW 12-INCH AWWA C-900, CLASS 150 PVC WATER PIPELINE PER TRENCH DETAIL ON SHEET 10.
- ③ NEW 12-INCH GATE VALVE.



SCALE 1"=30'



| |
|---|
|  <p>LC ENGINEERING CONSULTANTS INC. <small>CIVIL ENGINEERING • LAND SURVEYING • CONSTRUCTION MANAGEMENT SERVICES</small></p> <p>1065 State Street El Centro CA 92243</p> <p><small>www.lcc-inc.com tel 760.353.8110</small> <small>info@lcc-inc.com fax 760.352.6108</small></p> |
| <p>DATE: JUNE 30, 2022</p> |

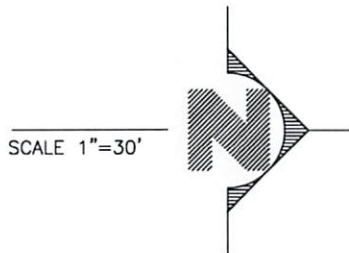
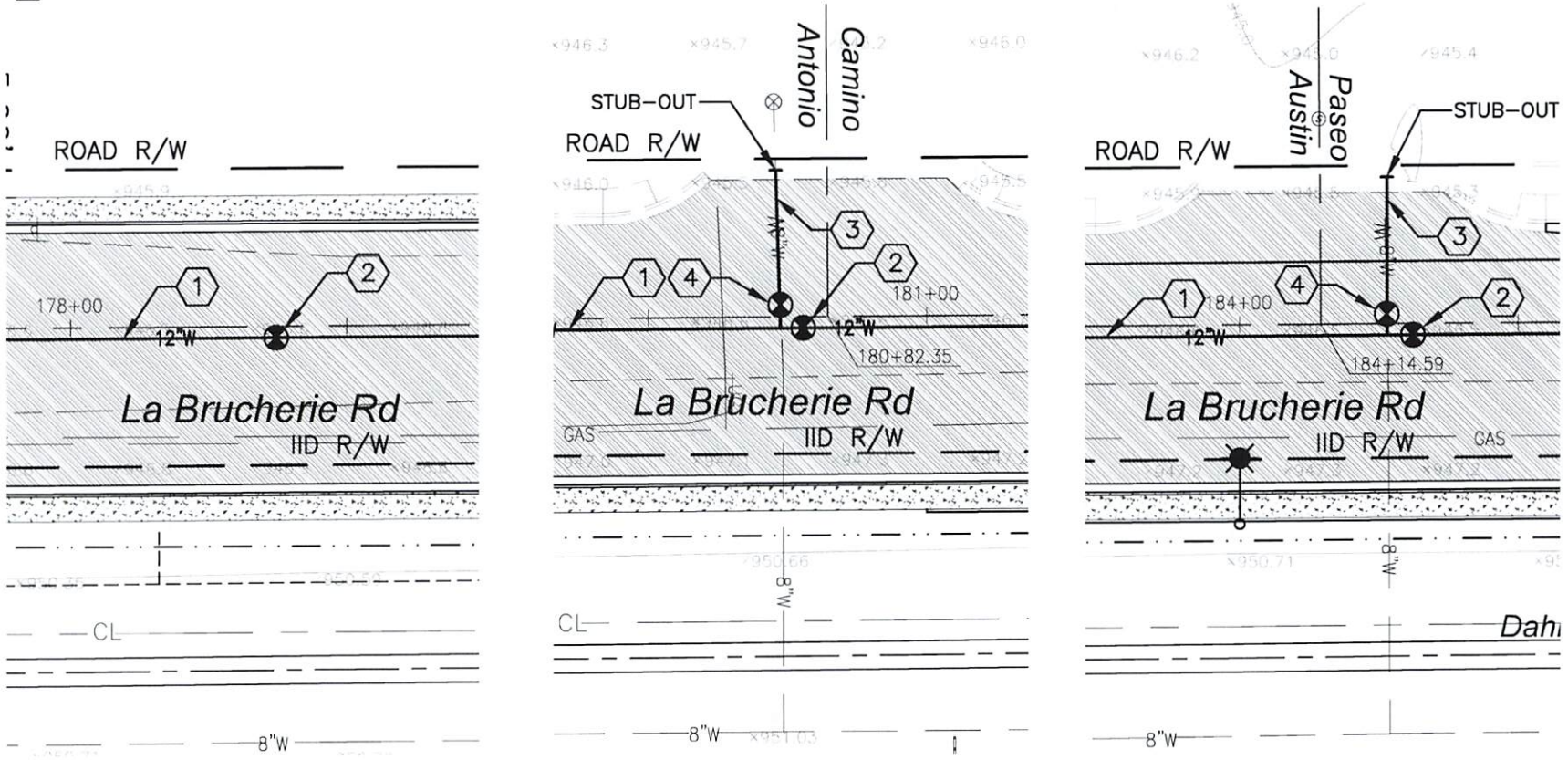
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|---|
| <p>WATER LINE P.O.C. & VALVES</p> <p>CITY OF IMPERIAL IMPROVEMENT PLANS</p> <p><small>LA BRUCHERIE WIDENING PROJECT FROM ATEN BLVD. TO TRESHILL RD.</small></p> |
|---|

| |
|--|
| <p>SHEET</p> <p style="font-size: 2em;">1</p> <p style="font-size: 2em;">OF</p> <p style="font-size: 2em;">3</p> <p>SHEETS</p> <p>JOB NO.</p> <p>C19033-00</p> |
|--|

EXHIBIT 1

CONSTRUCTION NOTES:

- ① NEW 12-INCH AWWA C-900, CLASS 150 PVC WATER PIPELINE PER TRENCH DETAIL ON SHEET 10.
- ② NEW 12-INCH GATE VALVE.
- ③ NEW 8-INCH AWWA C-900, CLASS 150 PVC WATER PIPELINE PER TRENCH DETAIL ON SHEET 10.
- ④ NEW 8-INCH GATE VALVE.



LC ENGINEERING CONSULTANTS INC.
CIVIL ENGINEERING • LAND SURVEYING • CONSTRUCTION MANAGEMENT SERVICES
 1065 State Street
 El Centro CA 92243
www.lce-inc.com Tel: 760.333.8780 info@lce-inc.com Fax: 760.331.6408

DATE: JUNE 30, 2022

WATER LINE P.O.C. & VALVES

**CITY OF IMPERIAL
IMPROVEMENT PLANS**

LA BRUCHERIE WIDENING PROJECT
FROM ATEN BLVD. TO TRESHILL RD.

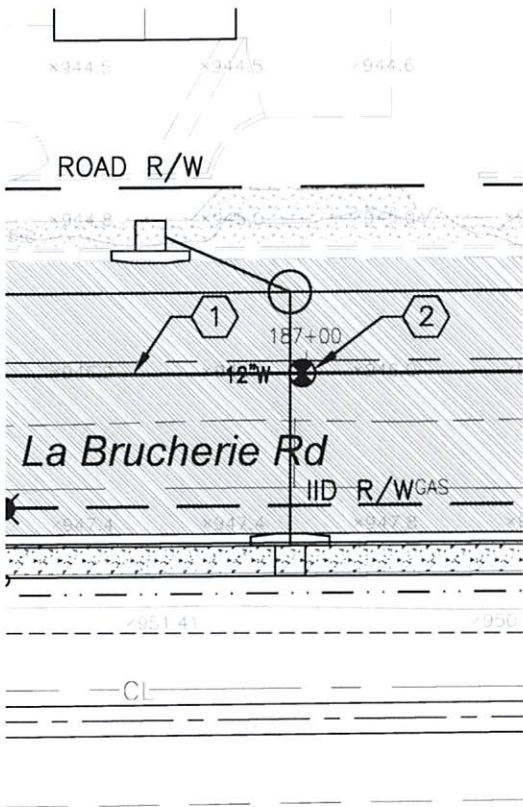
SHEET
 2 OF
 3 SHEETS
JOB NO.
 C19033-00

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EXHIBIT 1

CONSTRUCTION NOTES:

- ① NEW 12-INCH AWWA C-900, CLASS 150 PVC WATER PIPELINE PER TRENCH DETAIL ON SHEET 10.
- ② NEW 12-INCH GATE VALVE.



SCALE 1" = 30'



LC ENGINEERING CONSULTANTS INC.
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1065 State Street
 El Centro CA 92243

www.lcec-inc.com
 tel 760.333.8110

info@lcec-inc.com
 fax 760.337.6408

DATE: **JUNE 30, 2022**

WATER LINE P.O.C. & VALVES

**CITY OF IMPERIAL
 IMPROVEMENT PLANS**

LA BRUCHERIE WIDENING PROJECT
 FROM ATEN BLVD. TO TRESHILL RD.

SHEET

3 OF

3 SHEETS

JOB NO.

C19033-00

EXHIBIT 2

Agenda Item No.

F-3

DATE SUBMITTED 07/12/2022
 SUBMITTED BY COMMUNITY DEVELOPMENT DIRECTOR
 DATE ACTION REQUIRED 07/20/2022

COUNCIL ACTION (X)
 PUBLIC HEARING ()
 REQUIRED RESOLUTION ()
 ORDINANCE 1ST READING ()
 ORDINANCE 2ND READING ()
 CITY CLERK'S INITIALS ()

IMPERIAL CITY COUNCIL AGENDA ITEM

SUBJECT: DISCUSSION/ACTION:
 LA BRUCHERIE WIDENING PROJECT FROM ATEN BLVD TO TRESHILL RD
 BID NO. 2022-04

1. AWARD CONSTRUCTION CONTRACT TO ROVE ENGINEERING, INC.
2. AUTHORIZE 25% CONTINGENCY.

DEPARTMENT INVOLVED: COMMUNITY DEVELOPMENT DEPARTMENT

BACKGROUND/SUMMARY:

The Community Development Department was directed by City Council to conduct a competitive BID process for the La Brucherie Widening Project from Aten Blvd to Treshill Rd (BID No. 2022-04). The project consists of PCC Curb & Gutters, PCC driveways, PCC Sidewalks, ADA Ramps, Asphalt Paving, Streetlights, Thermoplastic Striping, Water Main Pipe, Catch Basins and Storm Drain Pipeline.

See attached Exhibit 1 (Improvement Plans) for detail.

Authorized project cost according with City Council meeting held on 05/04/2022 as Agenda Item No. D-3 was \$2,642,788 to be funded from Measure "D", SB1 RMRA and Circulation Funds.

Staff released a BID published in the Holtville Tribune, Calexico Chronicle, our City website, as well as "Dodge Data & Analytics" & "Construct Connect" plan rooms to solicit proposals from qualified and experienced contractors to complete the construction.

The following five (5) bids were received during the formal bidding process:

| | |
|--|-----------------|
| 1. Rove Engineering, Inc. _____ | \$ 2,055,598.80 |
| 2. Pyramid Construction and Aggregates, Inc. _____ | \$ 2,460,054.64 |
| 3. Hazard Construction Engineering LLC _____ | \$ 2,548,991.10 |
| 4. LC Paving & Sealing, Inc. _____ | \$ 2,748,498.62 |
| 5. Granite Construction Company _____ | \$ 3,075,703.00 |

See attached Exhibit 2 ("BID Opening Act") for details.

After careful review of all bids submitted, staff recommends the project be awarded to **ROVE Engineering, Inc.**, the lowest responsive and responsible bidder.

Due to potential unknown conditions, it is also recommended to add a 25% Contingency to this contract. Main concerns (but not limited to) are in regard to very old or unidentified IID's and/or County's infrastructure.




| | | | | | | | | | | | | | | | | | | | | | |
|--|---|-----------|----------|-----|----------|-----|-------|-------------|-----|----------|-----|--------|--------------|--|--|--|---------|--|--|--|--|
| <p>FISCAL IMPACT: \$ 2,055,598.80</p> <p>from LTA Measure D, SB1 RMRA and Circulation Funds.</p> | <p>ADMIN SERVICES SIGN INITIALS </p> | | | | | | | | | | | | | | | | | | | | |
| <p>STAFF RECOMMENDATION: Staff recommends City Council</p> <ol style="list-style-type: none"> 1. Award a construction contract to ROVE Engineering, Inc. in the amount of \$ 2,055,598.80. 2. Authorize 25% Contingency (\$ 513,899.70). | <p>DEPT. INITIALS </p> | | | | | | | | | | | | | | | | | | | | |
| <p>MANAGER'S RECOMMENDATION: <i>approve</i></p> | <p>CITY MANAGER'S INITIALS </p> | | | | | | | | | | | | | | | | | | | | |
| <p>MOTION:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">SECONDED:</td> <td style="width: 25%;">APPROVED</td> <td style="width: 10%;">()</td> <td style="width: 10%;">REJECTED</td> <td style="width: 10%;">()</td> </tr> <tr> <td>AYES:</td> <td>DISAPPROVED</td> <td>()</td> <td>DEFERRED</td> <td>()</td> </tr> <tr> <td>NAYES:</td> <td colspan="4">REFERRED TO:</td> </tr> <tr> <td>ABSENT:</td> <td colspan="4"></td> </tr> </table> | | SECONDED: | APPROVED | () | REJECTED | () | AYES: | DISAPPROVED | () | DEFERRED | () | NAYES: | REFERRED TO: | | | | ABSENT: | | | | |
| SECONDED: | APPROVED | () | REJECTED | () | | | | | | | | | | | | | | | | | |
| AYES: | DISAPPROVED | () | DEFERRED | () | | | | | | | | | | | | | | | | | |
| NAYES: | REFERRED TO: | | | | | | | | | | | | | | | | | | | | |
| ABSENT: | | | | | | | | | | | | | | | | | | | | | |

EXHIBIT 2



BID Opening Act

BID No. 2022-04

2022 La Brucherie Widening Project From Aten Blvd to Treshill Rd

Bids received by: Jillian Mehdipour

Were opened at 03:05 PM on 07/07/2022

By: Jillian Mehdipour

Witnessed by:

Signature

Marco Coronel
Yvonne Cordero

Manuel
[Signature]

| Company | Bid Amount | Bid Bond |
|-----------------------------|-----------------------|------------|
| <u>LC Paving</u> | <u>\$2,748,498.62</u> | <u>10%</u> |
| <u>Pyramid Construction</u> | <u>\$2,460,054.64</u> | <u>10%</u> |
| <u>ROVE</u> | <u>\$2,055,598.80</u> | <u>10%</u> |
| <u>Hazard</u> | <u>\$2,548,991.10</u> | <u>10%</u> |
| <u>Granite</u> | <u>\$3,075,703.00</u> | <u>10%</u> |

Bids were given to Jesus Villegas for study and recommendation for City Council.

Jillian Mehdipour
Jillian Mehdipour
Public Records Analyst

7/7/22
Date

EXHIBIT 3-A

| Bid Item # | Description of Work | BIDDING | TOTAL COMPLETED | |
|------------|-------------------------------------|----------------|-----------------|----------------|
| | | Extended Price | Quantity | Extended Price |
| 1 | 4" PCC Sidewalk/ 6" sand | 107,286.60 | 14,778.63 | \$ 120,445.83 |
| 2 | 6" PCC Curb and Gutter/ 6" Class | 108,908.00 | 3,553.50 | \$ 135,033.00 |
| 3 | 5" PCC Handicap Ramp/ 8" sand | 34,600.00 | 1,694.00 | \$ 58,612.40 |
| 4 | 6" PCC Driveway/ 9" Class 2Base | 25,017.30 | 1,327.87 | \$ 47,936.11 |
| 5 | New PCC Spandrel | 15,756.00 | 1,705.00 | \$ 51,661.50 |
| 6 | Remove and Dispose of existing C | 2,180.00 | 141.00 | \$ 61,476.00 |
| 7 | 4" AC Paving | 382,356.45 | 126,963.42 | \$ 399,934.77 |
| 8 | 18" Class 2 Base | 279,180.90 | 124,668.42 | \$ 286,737.37 |
| 9 | ColdPlane of top 3" of existing pav | 26,100.00 | 134,118.00 | \$ 40,235.40 |
| 10 | Road Excavation | 88,975.00 | 10,350.00 | \$ 129,375.00 |
| 11 | New Street Light Per City Standard | 53,680.00 | 9.00 | \$ 120,780.00 |

EXHIBIT 3-B

| BALANCING CHANGE ORDER - TIME AND MATERIAL BILLINGS | | | | | |
|--|---|-----|------|----------------|--------------------|
| ITEM | DESCRIPTION | QTY | UNIT | UNIT PRICE | TOTAL COST |
| 1 | 9/21/2022 - Additional Demo for abandoned IID Services along LaBrucherie Rd | 1 | LS | \$884.00 | \$884.00 |
| 2 | 09/22/2022 - Demo and prep for additional sidewalk and curb and gutter installation along the West side of LaBrucherie Rd | 1 | LS | \$4,063.80 | \$4,063.80 |
| 3 | 09/23/2022 - Demo and prep for additional sidewalk and curb and gutter installation along the West side of LaBrucherie Rd | 1 | LS | \$2,032.50 | \$2,032.50 |
| 4 | 09/27/2022 - Demo and Disposal of concrete mounds found along the East shoulder of LaBrucherie Rd | 1 | LS | \$6,723.60 | \$6,723.60 |
| 5 | 10/24/2022 - Installation of three (3), one inch water services | 1 | LS | \$12,307.50 | \$12,307.50 |
| 6 | 10/27/2022 - Installation of 60' water service from canal to property on the west side of LaBrucherie Rd. Installation of fire hydrant valves | 1 | LS | \$9,564.00 | \$9,564.00 |
| 7 | 12/28/2022 - Demo and prep West side of wall road for asphalt extension and sidewalk installation | 1 | LS | \$8,685.60 | \$8,685.60 |
| 8 | 12/30/2022 - Pave Wall Rd and Treshill Rd | 1 | LS | \$20,592.66 | \$20,592.66 |
| 9 | Desert Surveying - Additional survey services | 1 | LS | \$2,415.00 | \$2,415.00 |
| 10 | Core and Main - Change in Storm Drain manhole tops | 1 | LS | \$3,887.69 | \$3,887.69 |
| 11 | Ranger Engineering - Construction model | 1 | LS | \$2,156.25 | \$2,156.25 |
| | | | | TOTAL = | \$73,312.60 |



**City of Imperial
Community Development Department**
420 South Imperial Avenue
Imperial, CA 92251
Phone: (760) 355-1152
Fax: (760) 355-4718

Exhibit 4

CONSTRUCTION BALANCING CHANGE ORDER

Distribution to:

06-08-2023

- OWNER
- ENGINEER
- CONTRACTOR
- FIELD
- OTHER

CHANGE ORDER NO. 1

PROJECT: City of Imperial
2022 LaBrucherie Road Widening Project from Aten Boulevard to Treshill Road

TO: **ROVE Engineering, Inc.**
Francisco Duffy, Project Manager
P.O. Box 2108, El Centro, CA 92243
Phone: (760) 425-0001

Contractor is directed to make the following change(s) to the original contract:

- 1) Original Contract: _____ **\$ 2,055,598.80**
 - 2) Contingency – Time & Material Billings
Miscellaneous Time & Materials. See Exhibit A’s Sheet 1 of 2 _____ \$ 73,312.60
 - 3) Additional Quantities of Contract Items. See Exhibit A’s Sheet 2 of 2 _____ \$ 328,187.13
- New Contract Amount: _____ **\$ 2,457,098.53**

Percentage difference calculation:

| | |
|--|--------------------------------------|
| Contingency (See Item 2) _____ | 3.57 % = \$ 73,312.60 |
| Additional Quantities (See Items 3, 4 & 5) _____ | 15.96% = \$ 328,187.13 |
| Total Contract Increase _____ | 19.53% = <u>\$ 401,499.73</u> |

Not valid until signed by both the Owner and the Contractor.

Signature indicates his agreement herewith, including any adjustment in the contract sum or contract time.

Authorized by:

City of Imperial
420 South Imperial Avenue
Imperial, CA 92251

By:

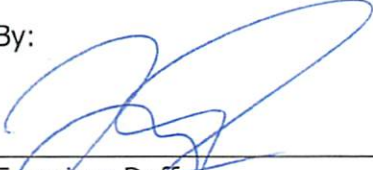
Date:

Dennis Morita
City Manager

ROVE Engineering, Inc.
P.O. Box 2108, El Centro, CA 92243
Phone: (760) 425-0001

By:

Date:



Francisco Duffy
Project Manager

6/14/23
