

DATE SUBMITTED 10/27/2021
 SUBMITTED BY COMMUNITY DEVELOPMENT DIRECTOR
 DATE ACTION REQUIRED 11/03/2021

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

**IMPERIAL CITY COUNCIL
AGENDA ITEM**

SUBJECT: DISCUSSION/ACTION:
 2ND STREET REHABILITATION AND RECONSTRUCTION PROJECT FROM OLD SR-86 TO "P" STREET (BID No. 2021-05)

1. AWARD CONSTRUCTION CONTRACT TO PYRAMID CONSTRUCTION AND AGGREGATES, INC.
2. AUTHORIZE 15% 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 2nd Street Rehabilitation and Reconstruction Project from Old SR-86 to "P" Street. The project consists of PCC Curb & Gutters, PCC driveways, PCC Sidewalks, ADA Ramps, Asphalt Paving, Thermoplastic Striping, Fire Hydrants, Catch Basins and Storm Drain Sewer Pipeline.

See attached Exhibit 1 (Improvement Plans) for detail.

Total authorized project funding amount is \$2,313,393.30.

Said amount is shared between the City and Caltrans (through the Surface Transportation Block Grant Program) as follows:

Caltrans (STBG) _____ \$ 1,841,000.00

City (LTA Measure D) _____ \$ 475,393.00

Being the Federal Reimbursement rate for this project set as 79.48%.

Staff released a BID published in the IV Press, our City website, and "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. Pyramid Construction and Aggregates, Inc. | _____ | \$ 1,769,655.06 |
| 2. Rove Engineering, Inc. | _____ | \$ 1,819,365.00 |
| 3. LC Paving & Sealing, Inc. | _____ | \$ 1,933,207.32 |
| 4. Hazard Construction Engineering LLC | _____ | \$ 2,191,450.70 |
| 5. Granite Construction Company | _____ | \$ 2,362,632.00 |

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

After careful review of all bids submitted, staff recommends the project be awarded to Pyramid Construction and Aggregates, Inc, the lowest responsive and responsible bidder.

Due to potential unknown conditions, it is also recommended to add a 15% Contingency to this contract.

FISCAL IMPACT:
 Caltrans (STBG) _____ \$ 1,406,521.85
 City (LTA Measure D) _____ \$ 363,133.22

Total = \$ 1,769.655.06

ADMIN
 SERVICES
 SIGN INITIALS



STAFF RECOMMENDATION: Staff recommends City Council

1. Award a construction contract to Pyramid Construction and Aggregates, Inc. in the amount of \$ **1,769.655.06**.
2. Authorize 15% Contingency (\$ 265,448.26).

DEPT. INITIALS

OM

MANAGER'S RECOMMENDATION:

approve staff recommendation

CITY MANAGER'S INITIALS

ATM

MOTION:

SECONDED:

AYES:

NAYES:

ABSENT:

APPROVED ()

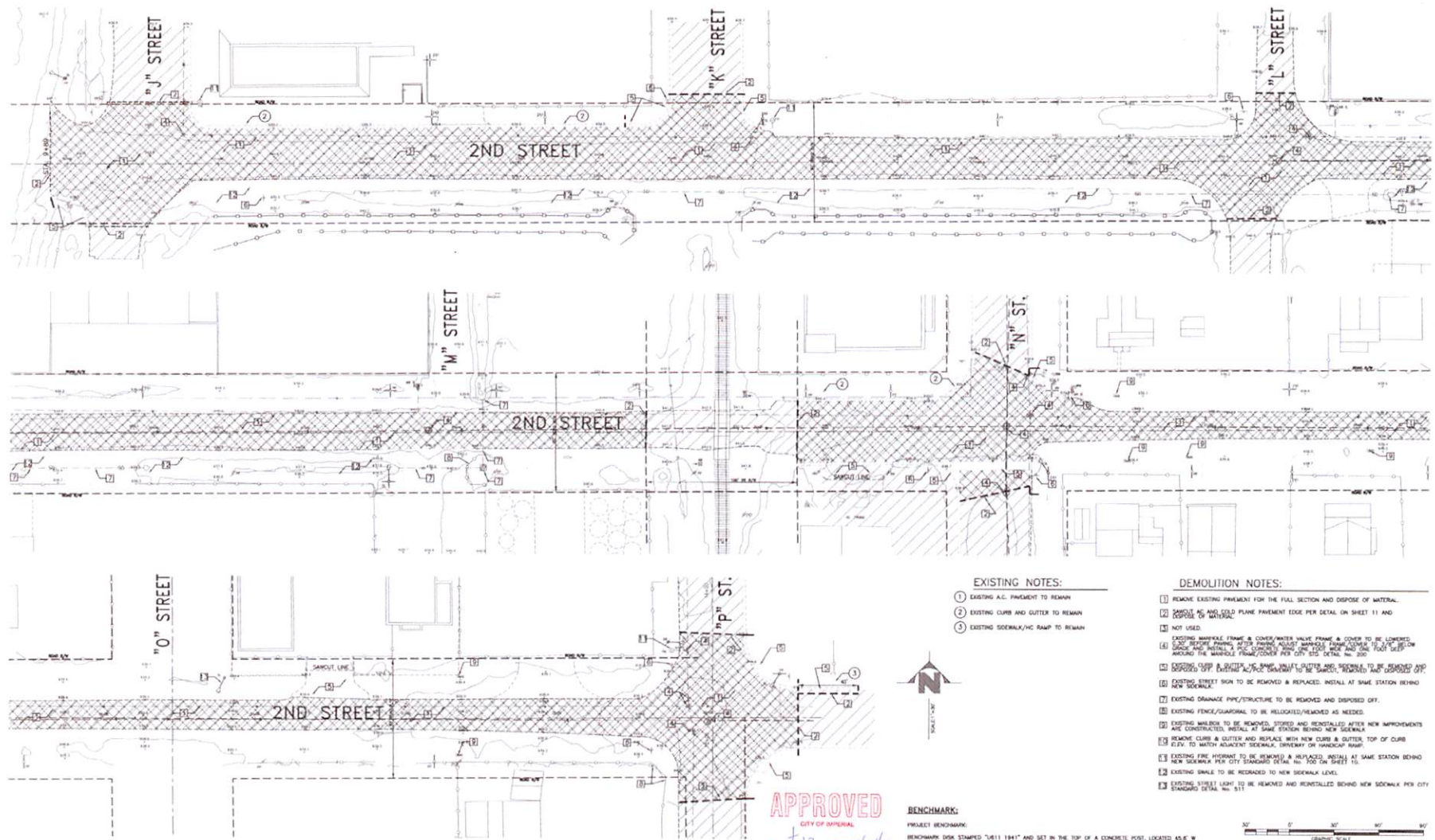
DISAPPROVED ()

REFERRED TO:

REJECTED ()

DEFERRED ()

EXHIBIT 1



- EXISTING NOTES:**
- 1 EXISTING A.C. PAVEMENT TO REMAIN
 - 2 EXISTING CURB AND GUTTER TO REMAIN
 - 3 EXISTING SIDEWALK/HC RAMP TO REMAIN

- DEMOLITION NOTES:**
- 1 REMOVE EXISTING PAVEMENT FOR THE FULL SECTION AND DISPOSE OF MATERIAL.
 - 2 REMOVE EXISTING SIDEWALK/HC RAMP AND RECONSTRUCT PER DETAIL ON SHEET 11 AND 12.
 - 3 NOT USED.
 - 4 EXISTING MANHOLE FRAME & COVER/WATER VALVE FRAME & COVER TO BE LOOSENED, LIFTED, REPAIR FRAMES AFTER FINISH, RESET MANHOLE FRAME ADJACENT TO CURB, SET IN BEDDING AROUND THE MANHOLE FRAME/COVER PER CITY STD DETAIL NO. 200.
 - 5 EXISTING CURB & GUTTER TO BE REMOVED AND REPLACED PER DETAIL ON SHEET 11 AND 12.
 - 6 EXISTING STREET SIGN TO BE REMOVED & REPLACED. INSTALL AT SAME STATION BEHIND NEW SIDEWALK.
 - 7 EXISTING DRAINAGE PIPING/STRUCTURE TO BE REMOVED AND DISPOSED OFF.
 - 8 EXISTING FENCE/SHEDDING TO BE RELOCATED/REMOVED AS NEEDED.
 - 9 EXISTING MAILBOX TO BE REMOVED, STORED AND REINSTALLED AFTER NEW IMPROVEMENTS ARE CONSTRUCTED. INSTALL AT SAME STATION BEHIND NEW SIDEWALK.
 - 10 REMOVE CURB & GUTTER AND REPLACE WITH NEW CURB & GUTTER. TOP OF CURB 5.15' TO MATCH ADJACENT SIDEWALK, EXEMPT OF HANDEDWAY MARK.
 - 11 EXISTING FIRE HYDRANT TO BE REMOVED & REPLACED. INSTALL AT SAME STATION BEHIND NEW SIDEWALK PER CITY STANDARD DETAIL NO. 700 IN SHEET 10.
 - 12 EXISTING SHALE TO BE REGRADING TO NEW SIDEWALK LEVEL.
 - 13 EXISTING STREET LIGHT TO BE REMOVED AND REINSTALLED BEHIND NEW SIDEWALK PER CITY STANDARD DETAIL NO. 511.

APPROVED

CITY OF IMPERIAL
JLP DATE: 10/1/21

BENCHMARK:
 PROJECT BENCHMARK:
 BENCHMARK DEN STAMPED 7411 1941" AND SET IN THE TOP OF A CONCRETE POST, LOCATED 45.6' W OF SPUR TRACKS AND 0.3 M SOUTH OF THE INTERSECTION WITH 2ND ST
 E.L. = 940.36'



No.	DESCRIPTION	BY	DATE
1	CITY OF IMPERIAL PLAN CHECK 7/02/21	STAFF	7/08/21
2	CITY OF IMPERIAL PLAN CHECK 8/04/21	STAFF	9/08/21
3	CITY OF IMPERIAL PLAN CHECK 9/10/21	STAFF	9/15/21
4	CITY OF IMPERIAL PLAN CHECK 9/17/21	STAFF	9/21/21
5	CITY OF IMPERIAL PLAN CHECK 9/23/21	STAFF	9/28/21

APPROVED BY PUBLIC SERVICES DIRECTOR
 CITY OF IMPERIAL, CA

BY: *JLP* DATE: 10-4-21
 JACQUE LOPEZ

ENGINEER OF RECORD
 PLANS PREPARED UNDER THE SUPERVISION OF

BY: *Carlos Corrales* DATE: 10/1/21
 CARLOS CORRALES

R.C.E. NO. 1: 55432



LC ENGINEERING CONSULTANTS INC.
 CIVIL ENGINEERING, LAND SURVEYING, CONSTRUCTION MANAGEMENT SERVICES

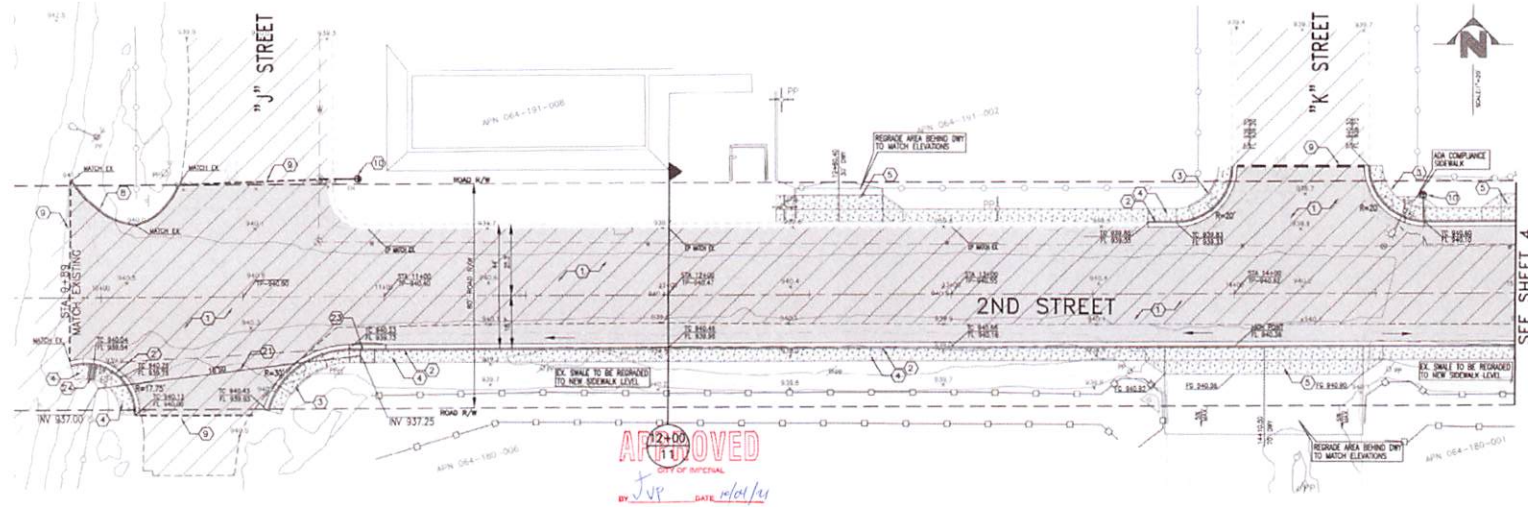
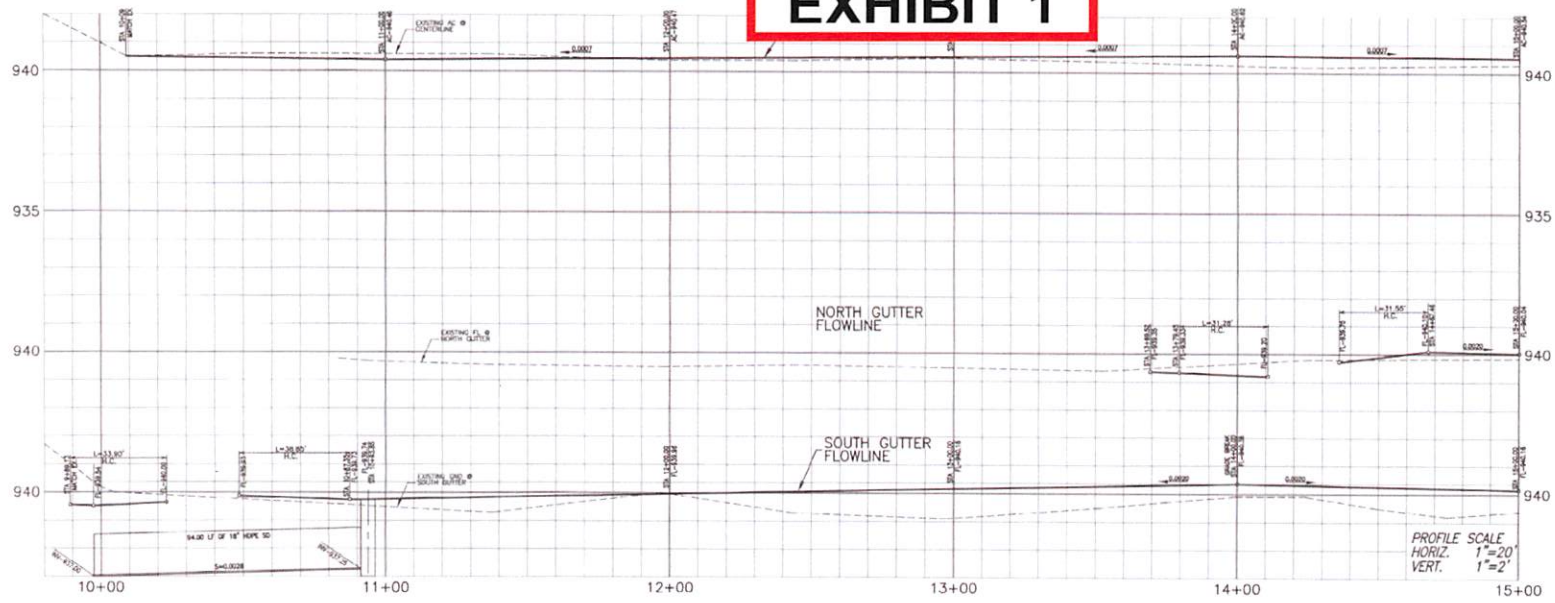
1406 State Street
 El Centro, CA 92543

DATE: OCTOBER 01, 2021 BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL
 IMPROVEMENT PLANS
TOP & DEMOLITION PLAN
 2ND STREET REHABILITATION AND CONSTRUCTION FROM OLD SR-96 TO 7th STREET

SHEET
 2 OF
 13 SHEETS
 JOB NO.
 C22029-00

EXHIBIT 1



- CONSTRUCTION KEYNOTES:**
- 1 NEW 4" OF AC PAVEMENT OVER 1" OF CLASS 2 BASE
 - 2 NEW 8" PCC CURB & GUTTER PER CITY OF IMPERIAL DET. NO. 400
 - 3 NEW ADA HANDICAP RAMP PER CITY OF IMPERIAL DET. NO. 409-B
 - 4 NEW ADA HANDICAP RAMP PER CITY OF IMPERIAL DET. NO. 409
 - 5 NEW 4" PCC SIDEWALK PER CITY OF IMPERIAL DET. NO. 407
 - 6 NEW PCC DRIVEWAY APPROACH PER CITY OF IMPERIAL DET. NO. 403
 - 7 NEW PCC SPANDREL PER CITY OF IMPERIAL DET. NO. 410
 - 8 NEW 8" PCC CROSS GUTTER PER DETAIL ON SHEET 11
 - 9 NEW 8" PCC BARRIER CURB PER CITY OF IMPERIAL DET. NO. 401
 - 10 SLOPE AC AND COAR. PLANK PAVEMENT EDGE PER DETAIL ON SHEET 11 AND DISPOSE OF MATERIAL
 - 11 NEW FIVE HYDRANT ASSEMBLY PER CITY OF IMPERIAL DETAIL NO. 700
 - 12 NOT USED
 - 13 NEW 12" DIA. ADS N-12 HOPE PIPE FOR STORM DRAIN PER CITY OF IMPERIAL STD. DETAIL NO. 513
 - 14 NEW 18" DIA. ADS N-12 HOPE PIPE FOR STORM DRAIN PER CITY OF IMPERIAL STD. DETAIL NO. 513
 - 15 NEW 24" DIA. ADS N-12 HOPE PIPE FOR STORM DRAIN PER DETAIL ON SHEET 12
 - 16 NEW S.D. CATCH BASIN PER DETAIL ON SHEET 11
 - 17 NEW UNDERDRAIN DRAIN PER DETAIL ON SHEET 11
 - 18 NEW 26"x26" CATCH BASIN PER DETAIL ON SHEET 11
- NOTES:**
- 1- WHEN COVER ON TOP OF PIPES IS LESS THAN 36" (INCHES) SLURRY BACKFILL SHALL BE USED.
 - 2- EXISTING MANHOLE FRAME & COVER/WATER VALVE FRAME & COVER TO BE LOWERED 0.307 FEET BEFORE FINISH. AFTER FINISH ADJUST MANHOLE FRAME/COVER TO 3/8" BELOW GRADE AND INSTALL A PCC CONCRETE RING ONE FOOT WIDE AND ONE FOOT DEEP AROUND THE MANHOLE FRAME/COVER PER CITY STD. DETAIL NO. 200.

UNDERGROUND SERVICE ALERT
CALL TOLL FREE
811
TWO WORKING DAYS
BEFORE YOU DIG

No.	DESCRIPTION	BY	DATE
1	CITY OF IMPERIAL PLAN CHECK 2/02/21	STAFF	2/08/21
2	CITY OF IMPERIAL PLAN CHECK 8/04/21	STAFF	9/08/21
3	CITY OF IMPERIAL PLAN CHECK 8/10/21	STAFF	9/15/21
4	CITY OF IMPERIAL PLAN CHECK 9/17/21	STAFF	10/21/21
5	CITY OF IMPERIAL PLAN CHECK 9/22/21	STAFF	9/28/21

APPROVED BY PUBLIC SERVICES DIRECTOR
CITY OF IMPERIAL, CA
BY: *Jackie Loper* DATE: 10/1/21
JACKIE LOPER

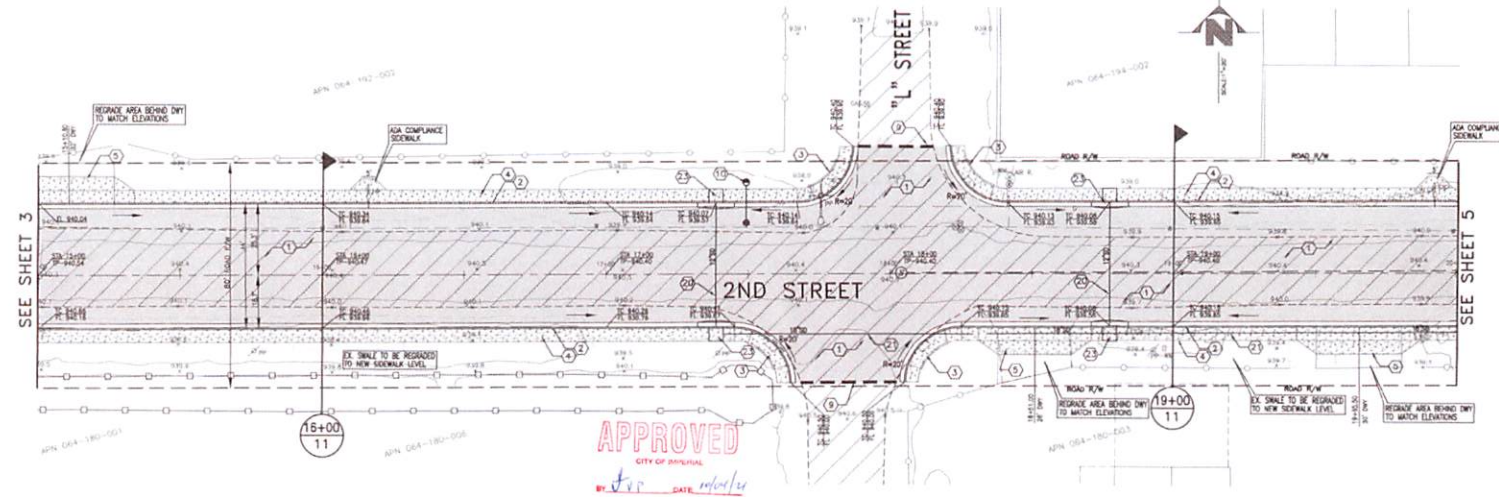
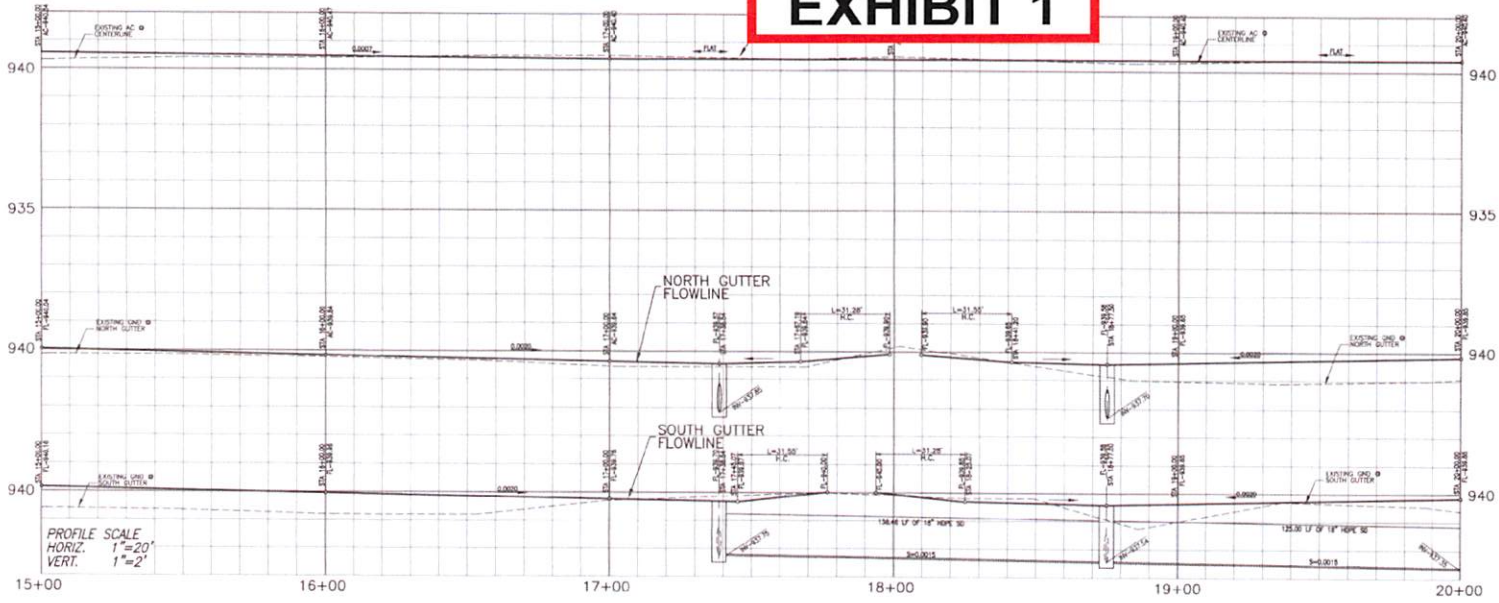
ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
BY: *Carlos Corrales* DATE: 10/1/21
CARLOS CORRALES
R.C.E. NO.: 55432



LC ENGINEERING CONSULTANTS INC.
10650 State Street
Escondido CA 92026
DATE: OCTOBER 01, 2021 BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL
IMPROVEMENT PLANS
PLAN & PROFILE
2ND STREET REHABILITATION AND CONSTRUCTION
FROM OLD 3RD-46 TO 9TH STREET
SHEET
3 OF 13 SHEETS
JOB NO. C20028-00

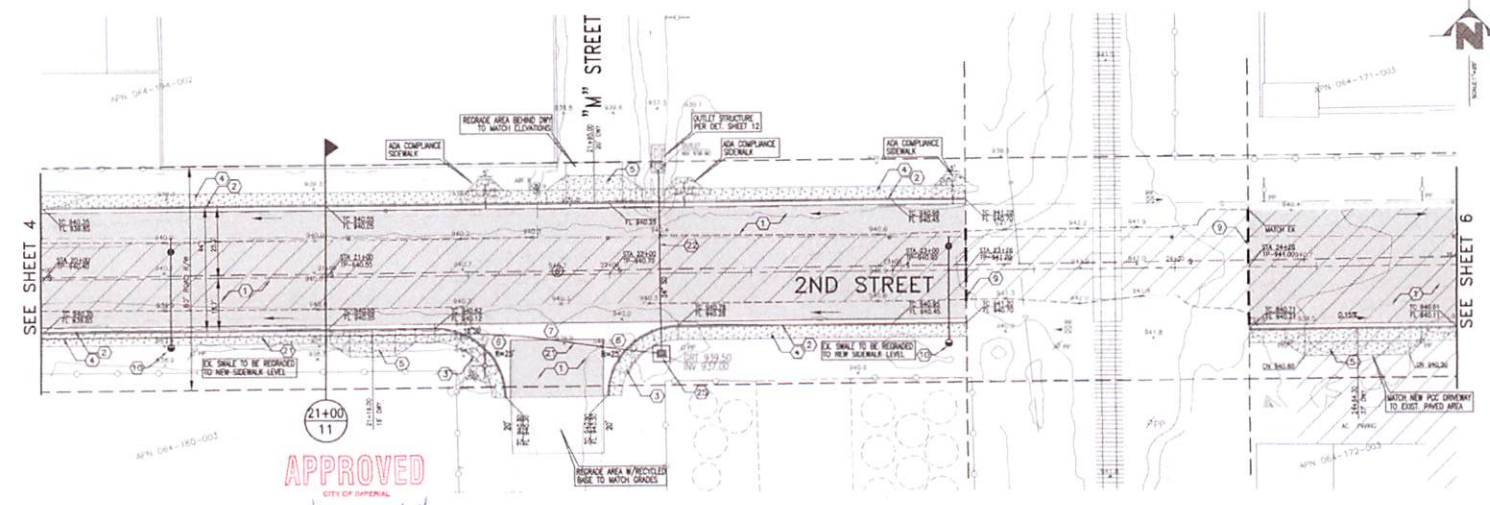
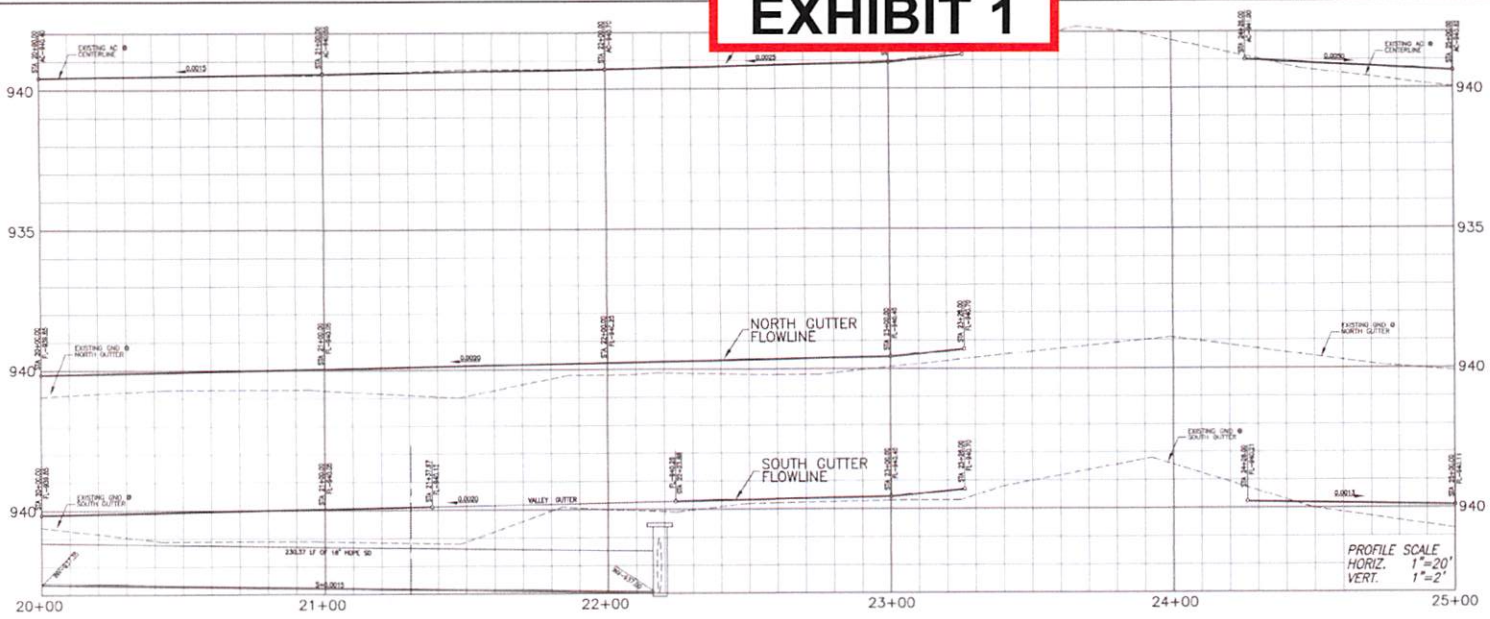
EXHIBIT 1



- CONSTRUCTION KEYNOTES:**
- 1 NEW 4" OF AC PAVEMENT OVER 18" OF CLASS 2 BASE
 - 2 NEW 6" PCC CURB & GUTTER PER CITY OF IMPERIAL DET. NO. 400
 - 3 NEW ADA HANDICAP RAMP PER CITY OF IMPERIAL DET. NO. 400-B
 - 3A NEW ADA HANDICAP RAMP PER CITY OF IMPERIAL DET. NO. 409
 - 4 NEW 4" PCC SIDEWALK PER CITY OF IMPERIAL DET. NO. 407
 - 5 NEW PCC DRIVEWAY APPROACH PER CITY OF IMPERIAL DET. NO. 403
 - 6 NEW PCC SPANDREL PER CITY OF IMPERIAL DET. NO. 410
 - 7 NEW 6" PCC CROSS GUTTER PER DETAIL ON SHEET 11
 - 8 NEW 6" PCC BARRIER CURB PER CITY OF IMPERIAL DET. NO. 401
 - 9 MANHOLE AND 48" RIGID PLANE PAVEMENT EDGE PER DETAIL ON SHEET 11 AND DISPOSE OF MATERIAL
 - 10 NEW FIRE HYDRANT ASSEMBLY PER CITY OF IMPERIAL DET. NO. 700
 - 11 NOT USED.
 - 12 NEW 12" DIA. ADS N-12 HDPE PIPE FOR STORM DRAIN PER CITY OF IMPERIAL STD. DETAIL NO. 515
 - 13 NEW 18" DIA. ADS N-12 HDPE PIPE FOR STORM DRAIN PER CITY OF IMPERIAL STD. DETAIL NO. 515
 - 14 NEW 24" DIA. ADS N-12 HDPE PIPE FOR STORM DRAIN PER DETAIL ON SHEET 12
 - 15 NEW S.D. CATCH BASIN PER DETAIL ON SHEET 11
 - 16 NEW UNDERGROUND DRAIN PER DETAIL ON SHEET 11
 - 17 NEW 28"X28" CATCH BASIN PER DETAIL ON SHEET 11
- NOTES:**
- 1- WHEN COVER ON TOP OF PIPES IS LESS THAN 36" (INCHES) SLURRY BACKFILL SHALL BE USED.
 - 2- EXISTING MANHOLE FRAME & COVER/WATER VALVE FRAME & COVER TO BE LOWERED 0.30' BEFORE PAVING. AFTER PAVING ADJUST MANHOLE FRAME/COVER TO 3/8" BELOW GRADE AND INSTALL A PCC CONCRETE RING ONE FOOT WIDE AND ONE FOOT DEEP AROUND THE MANHOLE FRAME/COVER PER CITY STD. DETAIL NO. 200.

<p>UNDERGROUND SERVICE ALERT CALL TOLL FREE 811 TWO WORKING DAYS BEFORE YOU DIG</p>	No. DESCRIPTION 1 CITY OF IMPERIAL PLAN CHECK 7/02/21 2 CITY OF IMPERIAL PLAN CHECK 8/04/21 3 CITY OF IMPERIAL PLAN CHECK 9/10/21 4 CITY OF IMPERIAL PLAN CHECK 9/17/21 5 CITY OF IMPERIAL PLAN CHECK 9/22/21	BY DATE STAFF 7/08/21 STAFF 9/08/21 STAFF 9/15/21 STAFF 9/21/21 STAFF 9/28/21	APPROVED BY PUBLIC SERVICES DIRECTOR CITY OF IMPERIAL, CA BY: [Signature] DATE: 10-1-21	ENGINEER OF RECORD PLANS PREPARED UNDER THE SUPERVISION OF BY: [Signature] DATE: 10/1/2021 CARLOS CORRALES R.C.E. NO.: 55432	SEAL 	LC ENGINEERING CONSULTANTS INC. CIVIL ENGINEERING AND SURVEYING / CONSTRUCTION MANAGEMENT SERVICES 1663 State Street El Centro CA 92543 www.lcei.com 951-281-2828 fax 951-281-2828 DATE: OCTOBER 01, 2021 BENCHMARK: SEE SHEET NO. 1	CITY OF IMPERIAL IMPROVEMENT PLANS PLAN & PROFILE 2ND STREET REHABILITATION AND CONSTRUCTION FROM OLD 3RD TO 1ST STREET	SHEET 4 OF 13 SHEETS JOB NO. C20029-00
	<p style="font-size: small;">UNIVERSITY MICROFILMS INTERNATIONAL, 300 North Zeeb Road, Ann Arbor, MI 48106-1500, (734) 769-0900, www.umi.com, 10/1/2021 11:00</p>							

EXHIBIT 1



CONSTRUCTION KEYNOTES:

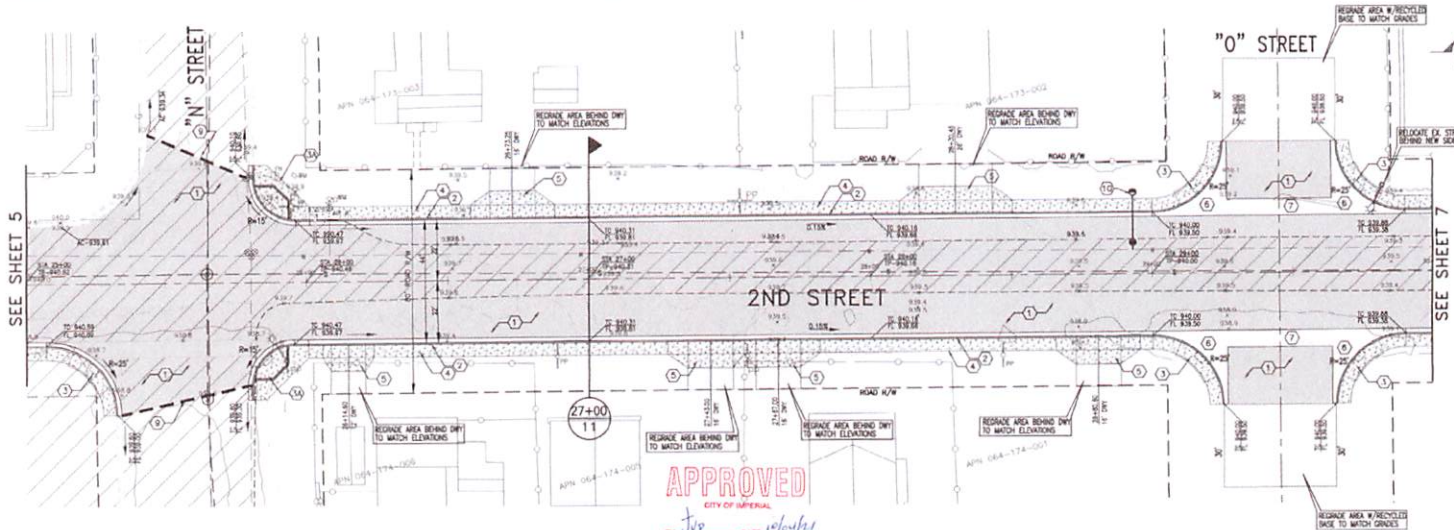
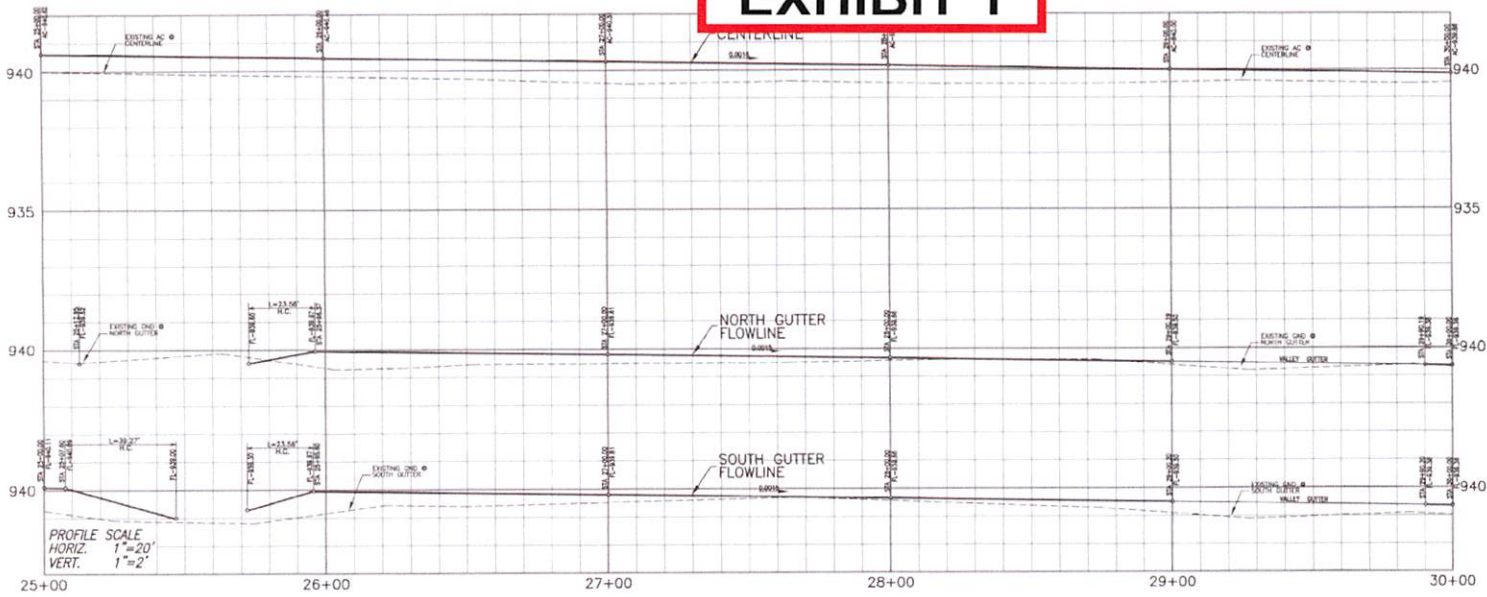
- 1 NEW 4" OF AC PAVEMENT OVER 1 1/2" OF CLASS 2 BASE
- 2 NEW 6" PCC CURB & GUTTER PER CITY OF IMPERIAL DET. NO. 400
- 3 NEW ADA HANDICAP RAMP PER CITY OF IMPERIAL DET. NO. 409-B
- 4 NEW ADA HANDICAP RAMP PER CITY OF IMPERIAL DET. NO. 409
- 5 NEW 4" PCC SIDEWALK PER CITY OF IMPERIAL DET. NO. 407
- 6 NEW PCC DRIVEWAY APPROACH PER CITY OF IMPERIAL DET. NO. 403
- 7 NEW PCC SPANDREL PER CITY OF IMPERIAL DET. NO. 410
- 8 NEW 6" PCC CROSS GUTTER PER DETAIL ON SHEET 11
- 9 NEW 6" PCC BARRIER CURB PER CITY OF IMPERIAL DET. NO. 401
- 10 SLOPE AC AND COLD PLANE PAVEMENT EDGE PER DETAIL ON SHEET 11 AND DISPOSE OF MATERIAL
- 11 NEW FIRE HYDRANT ASSEMBLY PER CITY OF IMPERIAL DET. NO. 700
- 12 NOT USED
- 13 NEW 12" DIA. ADS N-12 HOPE PIPE FOR STORM DRAIN PER CITY OF IMPERIAL STD. DET. NO. 513
- 14 NEW 18" DIA. ADS N-12 HOPE PIPE FOR STORM DRAIN PER CITY OF IMPERIAL STD. DET. NO. 513
- 15 NEW 24" DIA. ADS N-12 HOPE PIPE FOR STORM DRAIN PER DETAIL ON SHEET 11
- 16 NEW S.D. CATCH BASIN PER DETAIL ON SHEET 11
- 17 NEW UNDERGROUNDR DRAIN PER DETAIL ON SHEET 11
- 18 NEW 28"x28" CATCH BASIN PER DETAIL ON SHEET 11

- NOTES:**
- 1- WHEN COVER ON TOP OF PIPES IS LESS THAN 36" (INCHES) SLURRY BACKFILL SHALL BE USED.
 - 2- EXISTING MANHOLE FRAME & COVER/WATER VALVE FRAME & COVER TO BE LOWERED 0.30' BEFORE PAVING. AFTER PAVING ADJUST MANHOLE FRAME/COVER TO 3/8" BELOW GRADE AND INSTALL A PCC CONCRETE RING ONE FOOT WIDE AND ONE FOOT DEEP AROUND THE MANHOLE FRAME/COVER PER CITY STD. DET. NO. 200.



<p>UNDERGROUND SERVICE ALERT</p> <p>CALL: TOLL FREE 811</p> <p>TWO WORKING DAYS BEFORE YOU DIG</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CITY OF IMPERIAL PLAN CHECK 7/02/21</td> <td>STAFF</td> <td>7/02/21</td> </tr> <tr> <td>2</td> <td>CITY OF IMPERIAL PLAN CHECK 8/04/21</td> <td>STAFF</td> <td>8/04/21</td> </tr> <tr> <td>3</td> <td>CITY OF IMPERIAL PLAN CHECK 9/10/21</td> <td>STAFF</td> <td>9/10/21</td> </tr> <tr> <td>4</td> <td>CITY OF IMPERIAL PLAN CHECK 9/17/21</td> <td>STAFF</td> <td>9/17/21</td> </tr> <tr> <td>5</td> <td>CITY OF IMPERIAL PLAN CHECK 9/22/21</td> <td>STAFF</td> <td>9/22/21</td> </tr> </tbody> </table>	No.	DESCRIPTION	BY	DATE	1	CITY OF IMPERIAL PLAN CHECK 7/02/21	STAFF	7/02/21	2	CITY OF IMPERIAL PLAN CHECK 8/04/21	STAFF	8/04/21	3	CITY OF IMPERIAL PLAN CHECK 9/10/21	STAFF	9/10/21	4	CITY OF IMPERIAL PLAN CHECK 9/17/21	STAFF	9/17/21	5	CITY OF IMPERIAL PLAN CHECK 9/22/21	STAFF	9/22/21	<p>APPROVED BY PUBLIC SERVICES DIRECTOR</p> <p>CITY OF IMPERIAL, CA.</p> <p>BY: <i>J. Lopez</i> DATE: 10/1/21</p> <p>JACKIE LOPER</p>	<p>ENGINEER OF RECORD</p> <p>PLANS PREPARED UNDER THE SUPERVISION OF</p> <p>BY: <i>Carlos Corrales</i> DATE: 10/1/2021</p> <p>CARLOS CORRALES</p> <p>R.C.E. NO.: 55432</p>	<p>SEAL</p> <p>CITY OF IMPERIAL</p> <p>NO. 55432</p> <p>ISS. 12-31-22</p> <p>EX. 11-1-21</p>	<p>LC ENGINEERING CONSULTANTS INC.</p> <p>CIVIL ENGINEERING, PLANNING, SURVEYING, CONSTRUCTION MANAGEMENT, GRAPHICS</p> <p>10015 State Street</p> <p>El Centro, CA 92543</p> <p>www.lcei.com</p> <p>tel: 951.231.1100</p> <p>info@lcei.com</p> <p>fax: 951.231.1100</p> <p>DATE: OCTOBER 01, 2021 BENCHMARK: SEE SHEET NO. 1</p>	<p>CITY OF IMPERIAL</p> <p>IMPROVEMENT PLANS</p> <p>PLAN & PROFILE</p> <p>2ND STREET REHABILITATION AND CONSTRUCTION FROM OLD SR-86 TO 7TH STREET</p>	<p>SHEET</p> <p>5 OF 13 SHEETS</p> <p>JOB NO. C20029-00</p>
No.	DESCRIPTION	BY	DATE																												
1	CITY OF IMPERIAL PLAN CHECK 7/02/21	STAFF	7/02/21																												
2	CITY OF IMPERIAL PLAN CHECK 8/04/21	STAFF	8/04/21																												
3	CITY OF IMPERIAL PLAN CHECK 9/10/21	STAFF	9/10/21																												
4	CITY OF IMPERIAL PLAN CHECK 9/17/21	STAFF	9/17/21																												
5	CITY OF IMPERIAL PLAN CHECK 9/22/21	STAFF	9/22/21																												

EXHIBIT 1



- CONSTRUCTION KEYNOTES:**
- 1 NEW 4" OF AC PAVEMENT OVER 1 1/2" OF CLASS 2 BASE
 - 2 NEW 4" PCC CURB & GUTTER PER CITY OF IMPERIAL DET. NO. 400
 - 3 NEW ADA HANDICAP RAMP PER CITY OF IMPERIAL DET. NO. 409-B
 - 4 NEW ADA HANDICAP RAMP PER CITY OF IMPERIAL DET. NO. 409
 - 5 NEW 4" PCC SIDEWALK PER CITY OF IMPERIAL DET. NO. 407
 - 6 NEW PCC DRIVEWAY APPROACH PER CITY OF IMPERIAL DET. NO. 403
 - 7 NEW PCC SPANDREL PER CITY OF IMPERIAL DET. NO. 410
 - 8 NEW 4" PCC CROSS GUTTER PER DETAIL ON SHEET 11
 - 9 NEW 4" PCC BARRIER CURB PER CITY OF IMPERIAL DET. NO. 401
 - 10 SAWCUT AC AND COOL PLANE PAVEMENT EDGE PER DETAIL ON SHEET 11 AND DISPOSE OF MATERIAL
 - 11 NEW FIRE HYDRANT ASSEMBLY PER CITY OF IMPERIAL DET. NO. 700
 - 12 NOT USED
 - 13 NEW 12" DIA. ADS N-12 HOPE PIPE FOR STORM DRAIN PER CITY OF IMPERIAL STD. DET. NO. 513
 - 14 NEW 18" DIA. ADS N-12 HOPE PIPE FOR STORM DRAIN PER CITY OF IMPERIAL STD. DET. NO. 513
 - 15 NEW 24" DIA. ADS N-12 HOPE PIPE FOR STORM DRAIN PER DETAIL ON SHEET 12
 - 16 NEW S.D. CATCH BASIN PER DETAIL ON SHEET 11
 - 17 NEW UNDERDRAIN DRAIN PER DETAIL ON SHEET 11
 - 18 NEW 28"x28" CATCH BASIN PER DETAIL ON SHEET 11

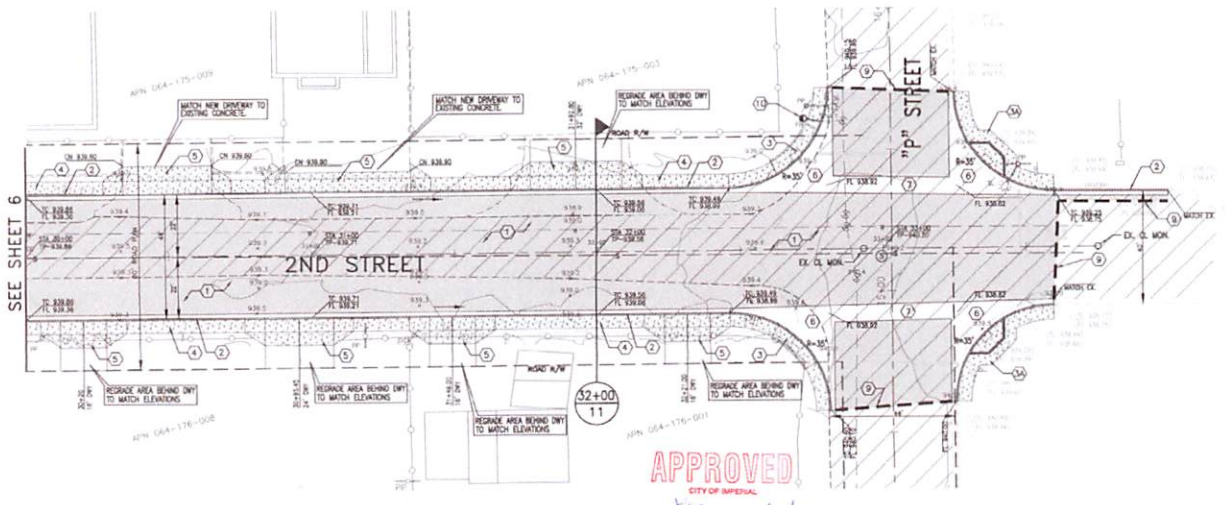
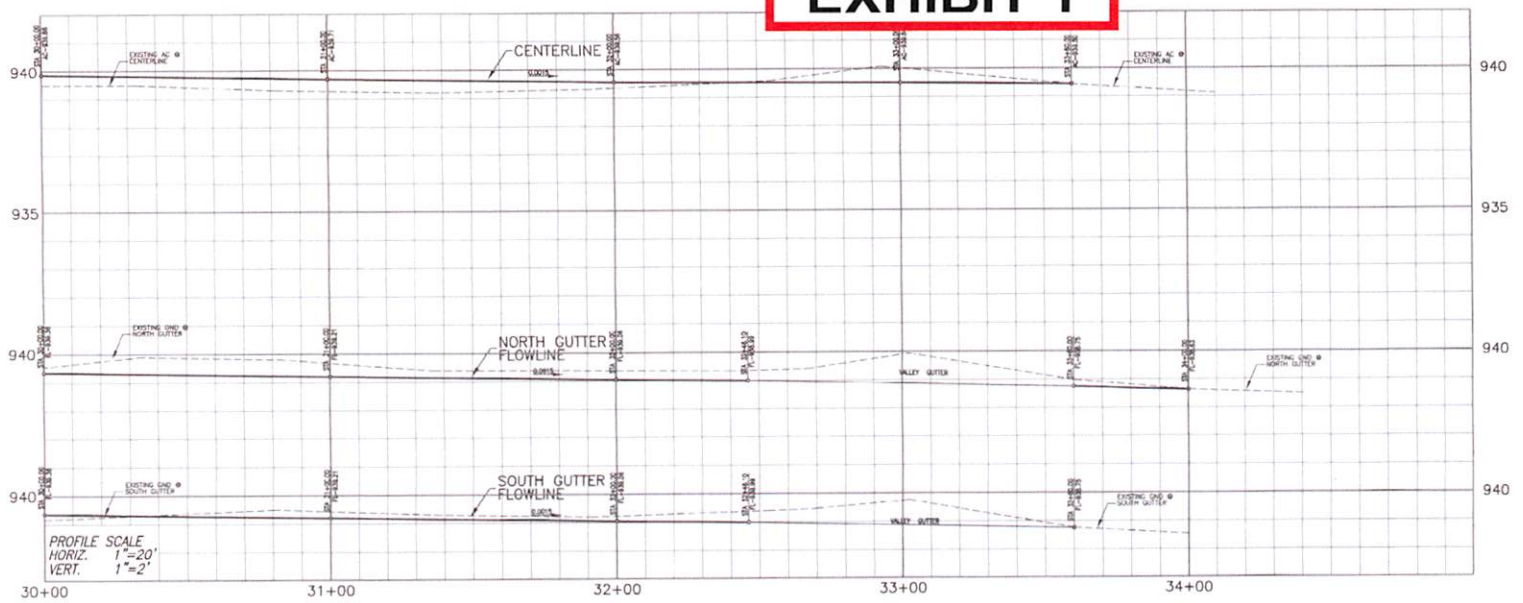
- NOTES:**
- 1- WHEN CHECK ON TOP OF PIPES IS LESS THAN 36" (HIGHS) SLURRY BACKFILL SHALL BE USED.
 - 2- EXISTING MANHOLE FRAME & COVER/WATER VALVE FRAME & COVER TO BE LOWERED 0.50' BEFORE FINISH. AFTER FINISH ADJUST MANHOLE FRAME/COVER TO 3/8" BELOW GROUND AND INSTALL A PCC CONCRETE RING ONE FOOT WIDE AND ONE FOOT DEEP AROUND THE MANHOLE FRAME/COVER PER CITY STD. DET. NO. 200.

APPROVED
CITY OF IMPERIAL
J. Lopez DATE: 10/01/21

UNDERGROUND SERVICE ALERT CALL TOLL FREE 811 TWO WORKING DAYS BEFORE YOU DIG	No. DESCRIPTION 1. CITY OF IMPERIAL PLAN CHECK 7/22/21 2. CITY OF IMPERIAL PLAN CHECK 8/04/21 3. CITY OF IMPERIAL PLAN CHECK 8/10/21 4. CITY OF IMPERIAL PLAN CHECK 8/17/21 5. CITY OF IMPERIAL PLAN CHECK 9/22/21	BY DATE STAFF 7/26/21 STAFF 8/08/21 STAFF 8/15/21 STAFF 8/23/21 STAFF 9/28/21	APPROVED BY PUBLIC SERVICES DIRECTOR CITY OF IMPERIAL, CA <i>J. Lopez</i> DATE: 10/01/21 JACQUE LOPEZ	ENGINEER OF RECORD PLANS PREPARED UNDER THE SUPERVISION OF <i>Carlos Corrales</i> CARLOS CORRALES DATE: 10/01/21 R.C.E. NO.: 55432	SEAL 	LC ENGINEERING CONSULTANTS INC. CIVIL ENGINEERING, GEOTECHNICAL ENGINEERING, ENVIRONMENTAL ENGINEERING 1045 State Street Escondido CA 92026 www.lcei.com info@lcei.com 619.438.8888	CITY OF IMPERIAL IMPROVEMENT PLANS PLAN & PROFILE 2ND STREET REHABILITATION AND CONSTRUCTION FROM OLD SR-96 TO 7TH STREET	SHEET 6 OF 13 SHEETS JOB NO. G20029-00
	DATE: OCTOBER 01, 2021 BENCHMARK: SEE SHEET NO. 1							

L:\Projects\2021\G20029-00_City of Imperial\2nd Street - Profile\Improvement Plans\2nd Street Profile.dwg 11/03/21 11:00

EXHIBIT 1



CONSTRUCTION KEYNOTES:

- 1 NEW 4" OF AC PAVEMENT OVER 18" OF CLASS 2 BASE
- 2 NEW 4" PCC CURB & GUTTER PER CITY OF IMPERIAL DET. NO. 400
- 3 NEW ADA HANDICAP RAMP PER CITY OF IMPERIAL DET. NO. 409-B
- 4 NEW ADA HANDICAP RAMP PER CITY OF IMPERIAL DET. NO. 409
- 5 NEW 4" PCC SIDEWALK PER CITY OF IMPERIAL DET. NO. 407
- 6 NEW PCC DRIVEWAY APPROACH PER CITY OF IMPERIAL DET. NO. 403
- 7 NEW PCC SPANDREL PER CITY OF IMPERIAL DET. NO. 410
- 8 NEW 4" PCC CROSS GUTTER PER DETAIL ON SHEET 11
- 9 NEW 4" PCC BARRIER CURB PER CITY OF IMPERIAL DET. NO. 401
- 10 NEW 4" AC AND COLD PLANE PAVEMENT EDGE PER DETAIL ON SHEET 11 AND DISPOSE OF MATERIAL
- 11 NEW FIRE HYDRANT ASSEMBLY PER CITY OF IMPERIAL DET. NO. 700
- 12 NOT USED
- 13 NEW 12" DIA. ADS 11-12 HOPE PIPE FOR STORM DRAIN PER CITY OF IMPERIAL STD. DETAIL NO. 515
- 14 NEW 12" DIA. ADS 11-12 HOPE PIPE FOR STORM DRAIN PER CITY OF IMPERIAL STD. DETAIL NO. 515
- 15 NEW 24" DIA. ADS 11-12 HOPE PIPE FOR STORM DRAIN PER DETAIL ON SHEET 11
- 16 NEW S.O. CATCH BASIN PER DETAIL ON SHEET 11
- 17 NEW UNDERCORK/DRAIN PER DETAIL ON SHEET 11
- 18 NEW 28"x28" CATCH BASIN PER DETAIL ON SHEET 11

NOTES:

- 1- WHEN CHECK ON TOP OF PIPES IS LESS THAN 36" (INCHES) SLURRY BACKFILL SHALL BE USED.
- 2- EXISTING MANHOLE FRAME & COVER/WATER VALVE FRAME & COVER TO BE LOWERED 0.50' BEFORE PAVING. AFTER PAVING ADJUST MANHOLE FRAME/COVER TO 3/8" BELOW GRADE AND INSTALL A PCC CONCRETE RING ONE FOOT WIDE AND ONE FOOT DEEP AROUND THE MANHOLE FRAME/COVER PER CITY STD. DETAIL NO. 200.



APPROVED

CITY OF IMPERIAL

BY: *JVP* DATE: 10/01/21



No.	DESCRIPTION	BY	DATE
1	CITY OF IMPERIAL PLAN CHECK 7/02/21	STAFF	7/02/21
2	CITY OF IMPERIAL PLAN CHECK 8/04/21	STAFF	8/04/21
3	CITY OF IMPERIAL PLAN CHECK 9/10/21	STAFF	9/10/21
4	CITY OF IMPERIAL PLAN CHECK 9/17/21	STAFF	9/17/21
5	CITY OF IMPERIAL PLAN CHECK 9/22/21	STAFF	9/22/21

APPROVED BY PUBLIC SERVICES DIRECTOR

CITY OF IMPERIAL, CA

BY: *JVP* DATE: 10/01/21

JACKIE LOPER

ENGINEER OF RECORD

PLANS PREPARED UNDER THE SUPERVISION OF

BY: *Carlos Corrales* DATE: 09/01/2021

CARLOS CORRALES

R.C.E. NO.: 55432



LC ENGINEERING CONSULTANTS INC.

CIVIL ENGINEERING, CONSTRUCTION, CONSTRUCTION MANAGEMENT SERVICES

1051 State Street

El Centro CA 92543

DATE: OCTOBER 01, 2021 BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL

IMPROVEMENT PLANS

PLAN & PROFILE

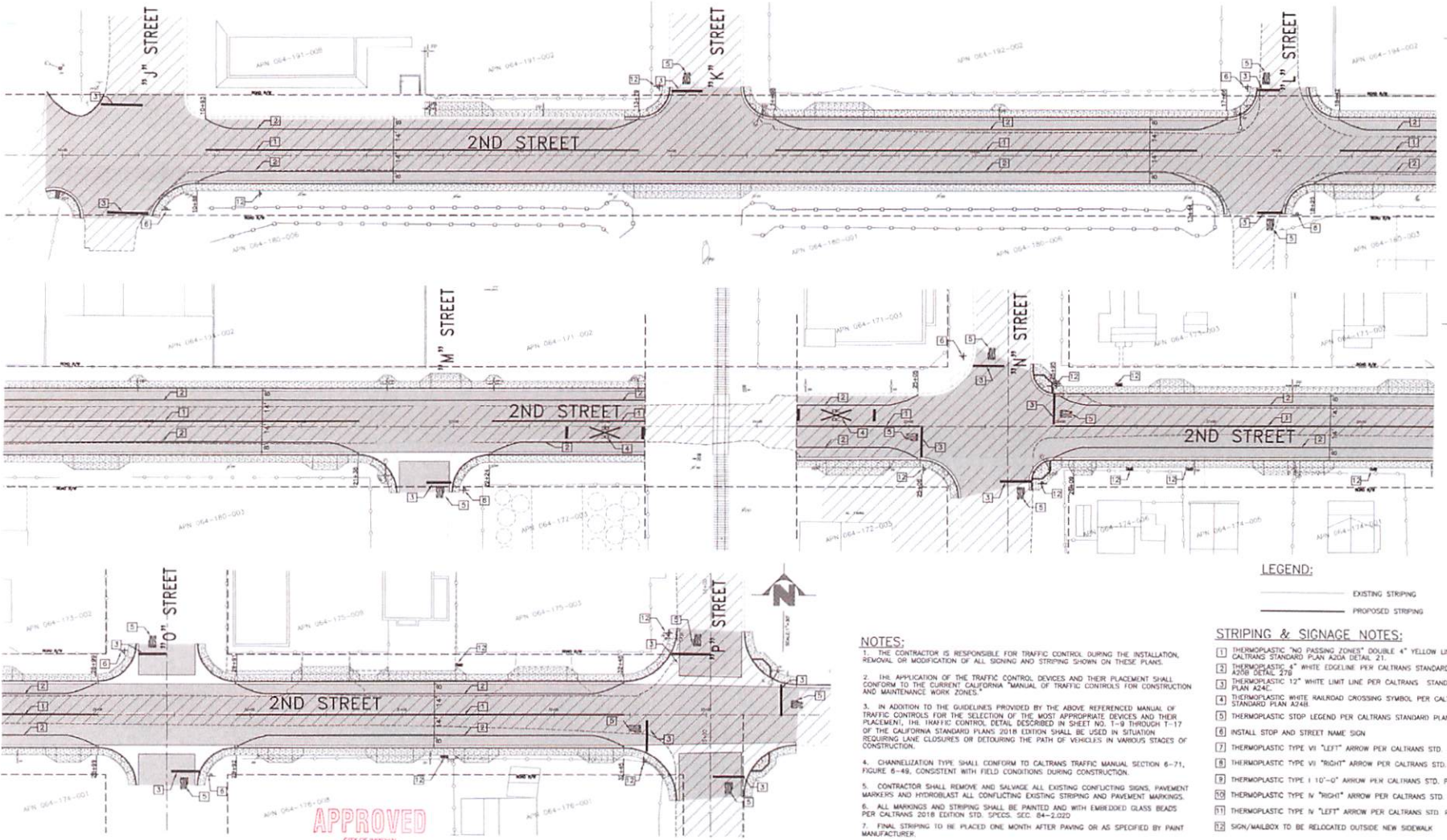
2ND STREET REHABILITATION AND CONSTRUCTION FROM OLD SR-96 TO 17TH STREET

SHEET

7 OF 13 SHEETS

JOB NO. C20029-00

EXHIBIT 1



LEGEND:
 ——— EXISTING STRIPING
 - - - - - PROPOSED STRIPING

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 ADDITION TO THE GUIDELINES PROVIDED BY THE ABOVE REFERENCED MANUAL OF TRAFFIC CONTROLS FOR THE SELECTION OF THE MOST APPROPRIATE DEVICES AND THEIR PLACEMENT, THE TRAFFIC CONTROL DETAIL DESCRIBED IN SHEET NO. 1-9 THROUGH 1-17 OF THE CALIFORNIA STANDARD PLANS 2018 EDITION SHALL BE USED IN SITUATION REQUIRING LANE CLOSURES OR DETOURING THE PATH OF VEHICLES IN VARIOUS STAGES OF CONSTRUCTION.
4. CHANNELIZATION TYPE SHALL CONFORM TO CALTRANS TRAFFIC MANUAL, SECTION 6-71, FIGURE 6-48, CONSISTENT WITH FIELD CONDITIONS DURING CONSTRUCTION.
5. CONTRACTOR SHALL REMOVE AND SALVAGE ALL EXISTING CONFLICTING SIGNS, PAVEMENT MARKERS AND HYDROBLAST ALL CONFLICTING EXISTING STRIPING AND PAVEMENT MARKINGS.
6. ALL MARKINGS AND STRIPING SHALL BE PAINTED AND WITH EMBEDDED GLASS BEADS PER CALTRANS 2018 EDITION STD. SPECS. SEC. 04-2.020
7. FINAL STRIPING TO BE PLACED ONE MONTH AFTER PAVING OR AS SPECIFIED BY PAINT MANUFACTURER.

STRIPING & SIGNAGE NOTES:

- 1] THERMOPLASTIC "NO PASSING ZONE" DOUBLE 4" YELLOW LINE PER CALTRANS STANDARD PLAN A24A DETAIL 21.
- 2] THERMOPLASTIC 4" WHITE EDGE LINE PER CALTRANS STANDARD PLAN A24B DETAIL 21B
- 3] THERMOPLASTIC 12" WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
- 4] THERMOPLASTIC WHITE RAILROAD CROSSING SYMBOL PER CALTRANS STANDARD PLAN A24H.
- 5] THERMOPLASTIC STOP LEGEND PER CALTRANS STANDARD PLAN A24D.
- 6] INSTALL STOP AND STREET NAME SIGN
- 7] THERMOPLASTIC TYPE VI "LEFT" ARROW PER CALTRANS STD. PLAN A24A.
- 8] THERMOPLASTIC TYPE VII "RIGHT" ARROW PER CALTRANS STD. PLAN A24A.
- 9] THERMOPLASTIC TYPE I 10'-0" ARROW PER CALTRANS STD. PLAN A24A.
- 10] THERMOPLASTIC TYPE IV "RIGHT" ARROW PER CALTRANS STD. PLAN A24A.
- 11] THERMOPLASTIC TYPE IV "LEFT" ARROW PER CALTRANS STD. PLAN A24A.
- 12] SIGN/MALBOX TO BE RELOCATED OUTSIDE NEW SIDEWALK

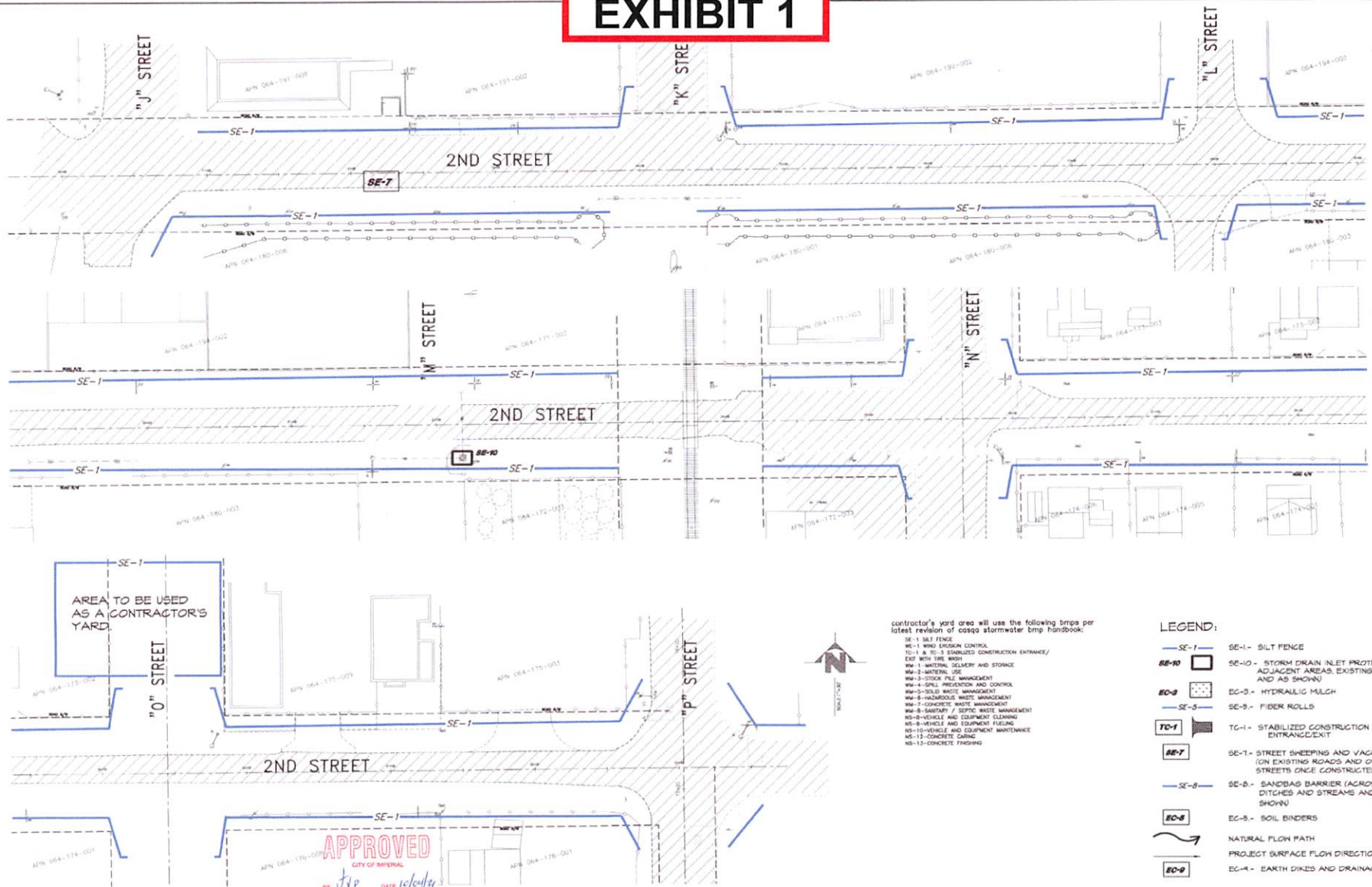
APPROVED

CITY OF IMPERIAL

BY: *Jop* DATE: 10/01/21

<p>UNDERGROUND SERVICE ALERT CALL TOLL FREE 811 TWO WORKING DAYS BEFORE YOU DIG</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>No.</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> <tr> <td>1</td> <td>CITY OF IMPERIAL PLAN CHECK 7/02/21</td> <td>STAFF</td> <td>7/02/21</td> </tr> <tr> <td>2</td> <td>CITY OF IMPERIAL PLAN CHECK 8/04/21</td> <td>STAFF</td> <td>8/04/21</td> </tr> <tr> <td>3</td> <td>CITY OF IMPERIAL PLAN CHECK 9/10/21</td> <td>STAFF</td> <td>9/10/21</td> </tr> <tr> <td>4</td> <td>CITY OF IMPERIAL PLAN CHECK 9/17/21</td> <td>STAFF</td> <td>9/17/21</td> </tr> <tr> <td>5</td> <td>CITY OF IMPERIAL PLAN CHECK 9/22/21</td> <td>STAFF</td> <td>9/22/21</td> </tr> </table>	No.	DESCRIPTION	BY	DATE	1	CITY OF IMPERIAL PLAN CHECK 7/02/21	STAFF	7/02/21	2	CITY OF IMPERIAL PLAN CHECK 8/04/21	STAFF	8/04/21	3	CITY OF IMPERIAL PLAN CHECK 9/10/21	STAFF	9/10/21	4	CITY OF IMPERIAL PLAN CHECK 9/17/21	STAFF	9/17/21	5	CITY OF IMPERIAL PLAN CHECK 9/22/21	STAFF	9/22/21	<p>APPROVED BY PUBLIC SERVICES DIRECTOR</p> <p>CITY OF IMPERIAL, CA</p> <p>BY: <i>Jack Loper</i> DATE: 10-4-21</p> <p>JACK LOPER</p>	<p>ENGINEER OF RECORD</p> <p>PLANS PREPARED UNDER THE SUPERVISION OF</p> <p>BY: <i>Carlos Corrales</i> DATE: 10/01/2021</p> <p>CARLOS CORRALES</p> <p>R.C.E. NO.: 55432</p>	<p>SEAL</p> <p></p>	<p>I.C. ENGINEERING CONSULTANTS INC.</p> <p>CIVIL ENGINEERING • LAND SURVEYING • TRAFFIC ENGINEERING • WATER MANAGEMENT SERVICES</p> <p>4645 S. 4th Street Escondido CA 92025</p> <p>www.ic-engineers.com Tel: 760-933-8786 Fax: 760-933-8948</p> <p>DATE: OCTOBER 01, 2021 BENCHMARK: SEE SHEET NO. 1</p>	<p>CITY OF IMPERIAL</p> <p>IMPROVEMENT PLANS STRIPING & SIGNAGE PLAN 2ND STREET REHABILITATION AND CONSTRUCTION FROM OLD SR-66 TO "P" STREET</p> <p>SHEET 8 OF 13 SHEETS</p> <p>JOB NO. C20028-00</p>
	No.	DESCRIPTION	BY	DATE																										
1	CITY OF IMPERIAL PLAN CHECK 7/02/21	STAFF	7/02/21																											
2	CITY OF IMPERIAL PLAN CHECK 8/04/21	STAFF	8/04/21																											
3	CITY OF IMPERIAL PLAN CHECK 9/10/21	STAFF	9/10/21																											
4	CITY OF IMPERIAL PLAN CHECK 9/17/21	STAFF	9/17/21																											
5	CITY OF IMPERIAL PLAN CHECK 9/22/21	STAFF	9/22/21																											

EXHIBIT 1



contractor's yard area will use the following bmps per latest revision of casq stormwater bmp handbook:

- SE-1 SILT FENCE
- SE-1 WIND EROSION CONTROL
- TC-1 & TC-3 STABILIZED CONSTRUCTION ENTRANCE/EXIT WITH SILE BARS
- WM-1 MATERIAL DELIVERY AND STORAGE
- WM-2 MATERIAL USE
- WM-3 STOCK PILE MANAGEMENT
- WM-4 SPILL PREVENTION AND CONTROL
- WM-5 SOIL WASTE MANAGEMENT
- WM-6 HAZARDOUS WASTE MANAGEMENT
- WM-7 CONCRETE WASTE MANAGEMENT
- WM-8 SANDTAP / SEPTIC WASTE MANAGEMENT
- MS-9 VEHICLE AND EQUIPMENT CLEANING
- MS-10 VEHICLE AND EQUIPMENT MAINTENANCE
- MS-11 CONCRETE CURING
- MS-12 CONCRETE FINISHING

- LEGEND:**
- SE-1 SILT FENCE
 - SE-10 STORM DRAIN INLET PROTECTION (ON ADJACENT AREAS, EXISTING ROADS AND AS SHOWN)
 - EC-3 HYDRAULIC MULCH
 - SE-9 FIBER ROLLS
 - TC-1 STABILIZED CONSTRUCTION ENTRANCE/EXIT
 - SE-7 STREET SWEEPING AND VACUUMING (ON EXISTING ROADS AND ON NEW STREETS ONCE CONSTRUCTED)
 - SE-8 SANDBAG BARRIER (ACROSS UNPAVED DITCHES AND STREAMS AND AS SHOWN)
 - EC-5 SOIL BINDERS
 - NATURAL FLOW PATH
 - PROJECT SURFACE FLOW DIRECTION
 - EC-4 EARTH Dikes AND DRAINAGE SHALES

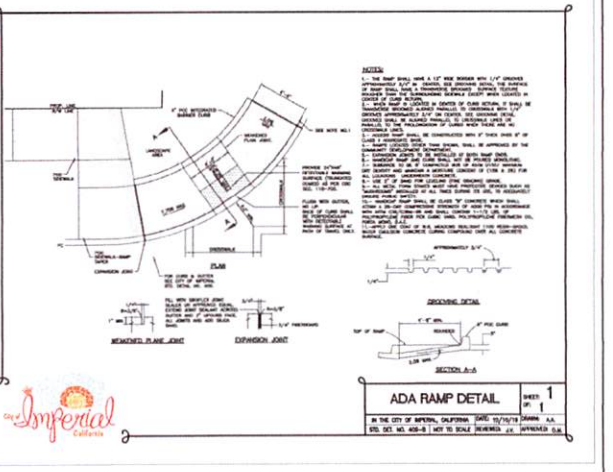
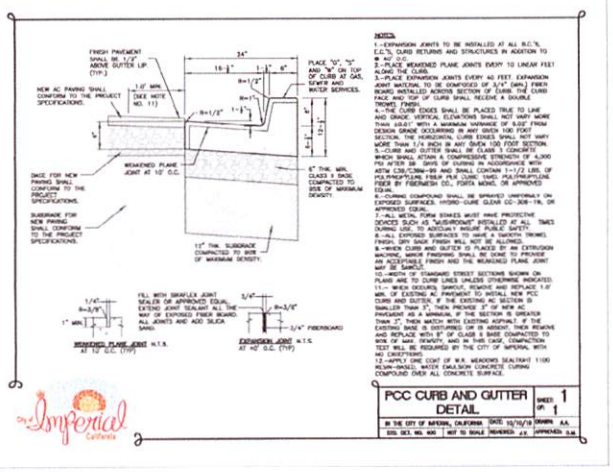
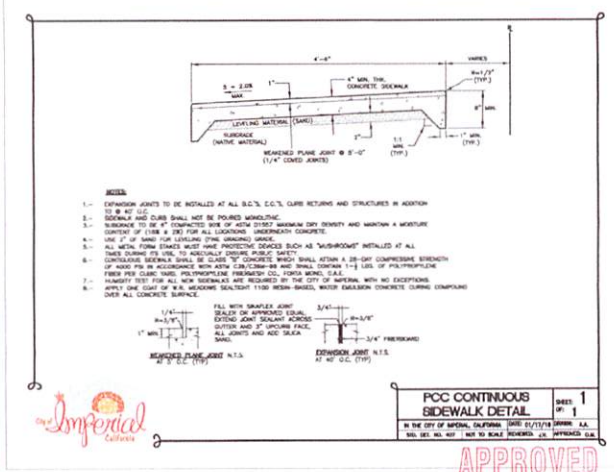
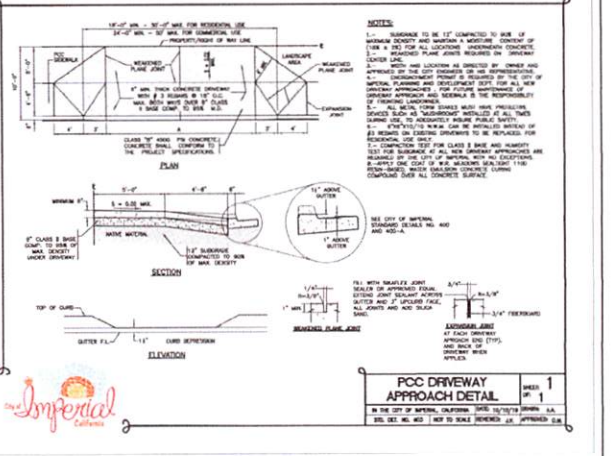
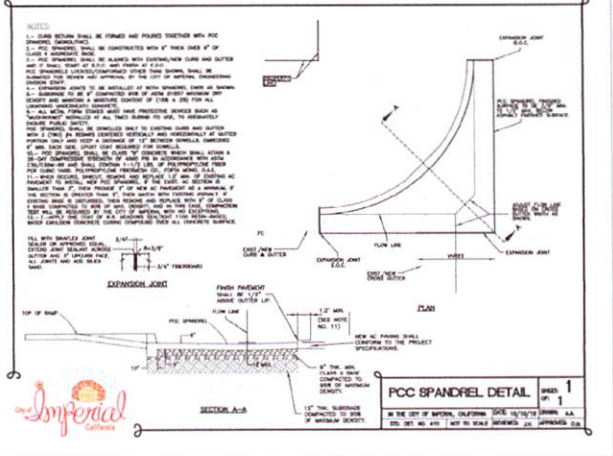
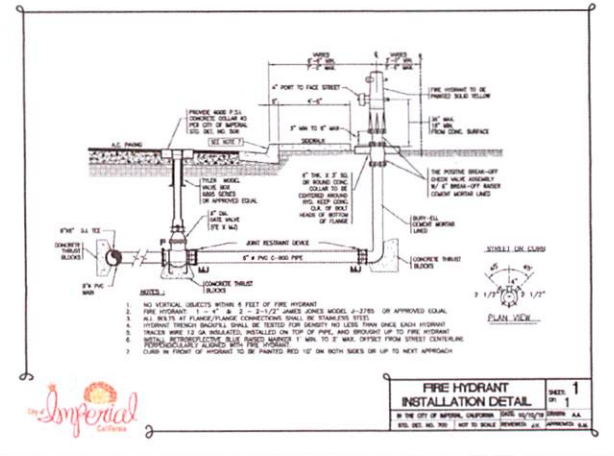
APPROVED

CITY OF IMPERIAL

BY: *JLP* DATE: 10/01/21

 UNDERGROUND SERVICE ALERT CALL TOLL FREE 811 TWO WORKING DAYS BEFORE YOU DIG	No.	DESCRIPTION	BY	DATE	APPROVED BY PUBLIC SERVICES DIRECTOR	ENGINEER OF RECORD	SEAL	CITY OF IMPERIAL IMPROVEMENT PLANS EROSION CONTROL PLAN 2ND STREET REHABILITATION AND CONSTRUCTION FROM OLD SR-96 TO P STREET SHEET 9 OF 13 SHEETS JOB NO: G20028-00	
	1	CITY OF IMPERIAL PLAN CHECK 7/02/21	STAFF	7/29/21	CITY OF IMPERIAL, CA	PLANS PREPARED UNDER THE SUPERVISION OF	 No. 55432 Carlos Corrales State of California		
	2	CITY OF IMPERIAL PLAN CHECK 8/04/21	STAFF	8/09/21		BY: <i>[Signature]</i>			DATE: 10/01/21
	3	CITY OF IMPERIAL PLAN CHECK 9/10/21	STAFF	9/15/21		CARLOS CORRALES			
	4	CITY OF IMPERIAL PLAN CHECK 9/17/21	STAFF	9/21/21		R.C.E. NO.: 55432			
5	CITY OF IMPERIAL PLAN CHECK 9/22/21	STAFF	9/29/21		DATE: 10/01/21				
MAIL: OCTOBER 01, 2021 BENCHMARK: SEE SHEET NO. 1									

EXHIBIT 1

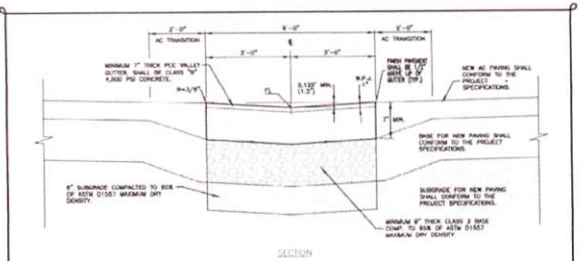


APPROVED

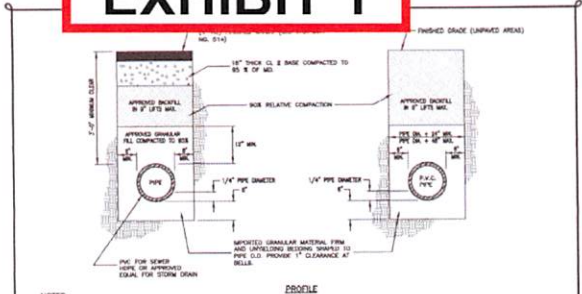
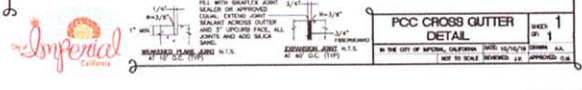
CITY OF IMPERIAL
 BY: *[Signature]* DATE: 10/17/21

	UNDERGROUND SERVICE ALERT CALL TOLL FREE 811 TWO WORKING DAYS BEFORE YOU DIG	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CITY OF IMPERIAL PLAN CHECK 7/22/21</td> <td>STAFF</td> <td>7/22/21</td> </tr> <tr> <td>2</td> <td>CITY OF IMPERIAL PLAN CHECK 8/24/21</td> <td>STAFF</td> <td>8/24/21</td> </tr> <tr> <td>3</td> <td>CITY OF IMPERIAL PLAN CHECK 9/10/21</td> <td>STAFF</td> <td>9/10/21</td> </tr> <tr> <td>4</td> <td>CITY OF IMPERIAL PLAN CHECK 9/17/21</td> <td>STAFF</td> <td>9/17/21</td> </tr> <tr> <td>5</td> <td>CITY OF IMPERIAL PLAN CHECK 9/23/21</td> <td>STAFF</td> <td>9/23/21</td> </tr> </tbody> </table>	No.	DESCRIPTION	BY	DATE	1	CITY OF IMPERIAL PLAN CHECK 7/22/21	STAFF	7/22/21	2	CITY OF IMPERIAL PLAN CHECK 8/24/21	STAFF	8/24/21	3	CITY OF IMPERIAL PLAN CHECK 9/10/21	STAFF	9/10/21	4	CITY OF IMPERIAL PLAN CHECK 9/17/21	STAFF	9/17/21	5	CITY OF IMPERIAL PLAN CHECK 9/23/21	STAFF	9/23/21	APPROVED BY PUBLIC SERVICES DIRECTOR CITY OF IMPERIAL, CA BY: <i>[Signature]</i> DATE: 10/17/21 JACKIE LOPEN	ENGINEER OF RECORD PLANS PREPARED UNDER THE SUPERVISION OF BY: <i>[Signature]</i> DATE: 10/17/2021 CARLOS CORRALES R.C.E. NO.: 05432	SEAL 	LC ENGINEERING CONSULTANTS INC. 10415 State Street El Centro CA 92543 DATE: OCTOBER 01, 2021 BENCHMARK: SEE SHEET NO. 1	CITY OF IMPERIAL IMPROVEMENT PLANS DETAILS 2ND STREET REHABILITATION AND CONSTRUCTION FROM OLD SR-86 TO 11TH STREET SHEET 10 OF 13 SHEETS JOB NO. C20029-00
No.	DESCRIPTION	BY	DATE																												
1	CITY OF IMPERIAL PLAN CHECK 7/22/21	STAFF	7/22/21																												
2	CITY OF IMPERIAL PLAN CHECK 8/24/21	STAFF	8/24/21																												
3	CITY OF IMPERIAL PLAN CHECK 9/10/21	STAFF	9/10/21																												
4	CITY OF IMPERIAL PLAN CHECK 9/17/21	STAFF	9/17/21																												
5	CITY OF IMPERIAL PLAN CHECK 9/23/21	STAFF	9/23/21																												

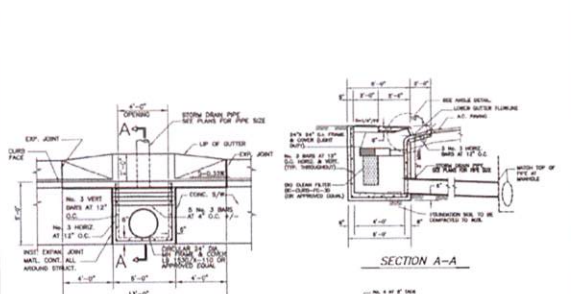
EXHIBIT 1



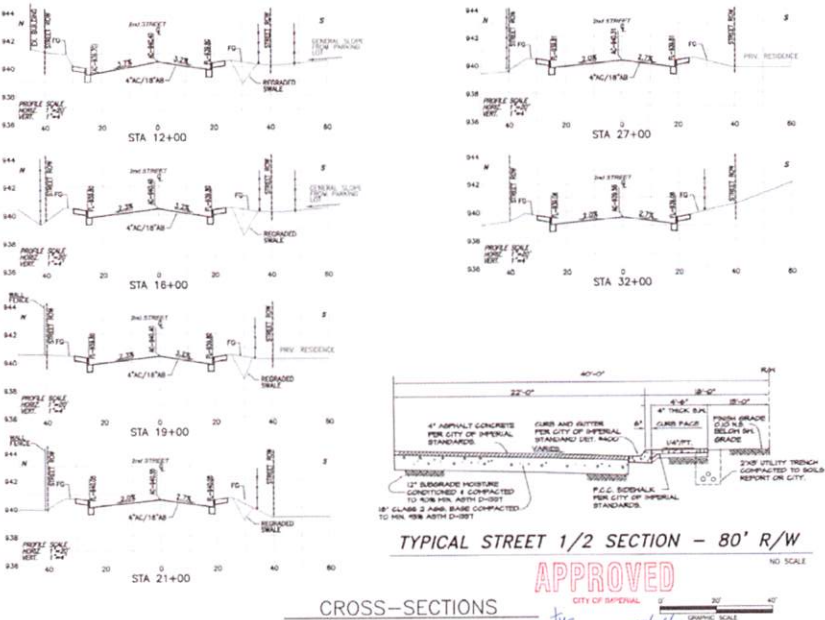
- NOTES:**
1. EXPANSION JOINTS TO BE INSTALLED IN 4\"/>
 - 2. REINFORCED PLANE JOINTS TO BE PROVIDED IN 1\"/>
 - 3. SUBGRADE TO BE 8\"/>
 - 4. ALL WALL FORMS SHALL HAVE PROTECTIVE LINERS SUCH AS "BUBBER" INSTALLED AT ALL TIMES DURING ITS USE TO ADEQUATELY PROTECT PUBLIC SAFETY.
 - 5. WALLS SHALL BE CLASS 2 CONCRETE MINIMUM STRENGTH 4,000 PSI. CONCRETE SHALL BE PLACED IN ACCORDANCE WITH ASTM C318M-99 AND SHALL CONTAIN 1% LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBER SHALL BE PLACED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 - 6. APPLY ONE COAT OF 4.5% REINFORCING SEALANT TO ALL JOINTS AND SEAMS.
 - 7. COMPRESSION TEST FOR CLASS 2 BONE AND HUMIDITY TEST FOR SUBGRADE ARE REQUIRED BY THE CITY OF IMPERIAL.
 - 8. FOR OTHER REQUIREMENTS ONLY.



- NOTES:**
1. FOR TRENCH REINFORCING ON IMPROVED SURFACES SEE CITY OF IMPERIAL STANDARD DETAIL NO. 214.
 2. PIPE BEDDING AND APPROVED SHOULDER MATERIAL SHALL BE AS DETERMINED BY THE ENGINEERING DIVISION AND THE PUBLIC WORKS DEPARTMENT AND IS SUBJECT TO MODIFICATION AND APPROVAL BY THE COMMUNITY DEVELOPMENT DIVISION.
 3. WHEN AN APPROVED DESIGN OR FRAME EXIST IN THE AREA OF APPROVE MATERIAL, A MINIMUM CLEARANCE OF 1' FEET SHALL BE MAINTAINED OR ALTERNATELY FULL TRENCH SHOULDER RESTORATION SHALL BE REQUIRED.



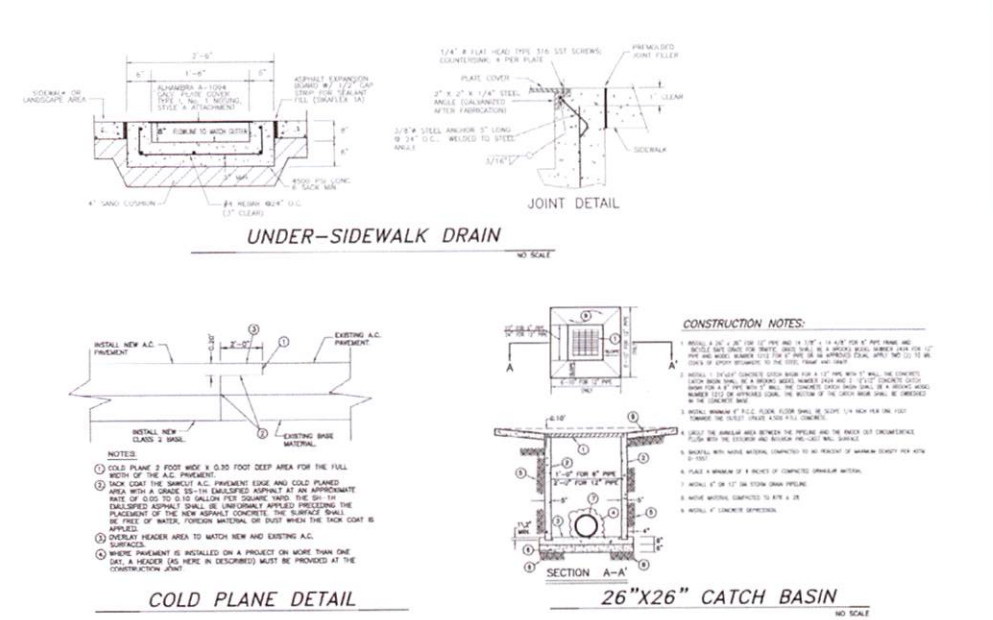
- STORM DRAIN CATCH BASIN WITH BIO CLEAN FILTER**
- STD DETAIL NO. 301 NO SCALE



TYPICAL STREET 1/2 SECTION - 80' R/W

CROSS-SECTIONS

APPROVED
CITY OF IMPERIAL
DATE: 10/01/21
BY: JACQUELINE LOPER



- UNDER-SIDEWALK DRAIN**
- COLD PLANE DETAIL**
- 26"X26" CATCH BASIN**
- CONSTRUCTION NOTES:**
1. INSTALL A 24" X 24" X 12" PRECAST CONCRETE CATCH BASIN WITH A 12" X 12" X 12" PRECAST CONCRETE COVER WITH A 12" X 12" X 12" PRECAST CONCRETE INLET AND A 12" X 12" X 12" PRECAST CONCRETE OUTLET.
 2. INSTALL A 24" X 24" X 12" PRECAST CONCRETE CATCH BASIN WITH A 12" X 12" X 12" PRECAST CONCRETE COVER WITH A 12" X 12" X 12" PRECAST CONCRETE INLET AND A 12" X 12" X 12" PRECAST CONCRETE OUTLET.
 3. INSTALL WITH WASTE MATERIAL COMPACTED TO A MINIMUM OF 4" MINIMUM DENSITY PER AASHTO T-99.
 4. PLACE A MINIMUM OF 8" THICK OF COMPACTED GRANULAR MATERIAL.
 5. INSTALL 4" OR 12" DIA. STAINLESS STEEL PIPES.
 6. WASTE MATERIAL COMPACTED TO 95% AASHTO T-99.
 7. INSTALL 4" OR 12" DIA. STAINLESS STEEL PIPES.

UNDERGROUND SERVICE ALERT	No.	DESCRIPTION	BY	DATE	APPROVED BY PUBLIC SERVICES DIRECTOR
CALL TOLL FREE 811	1	CITY OF IMPERIAL PLAN CHECK 7/22/21	STAFF	7/22/21	CITY OF IMPERIAL, CA DATE: 10/01/21 BY: JACQUELINE LOPER
	2	CITY OF IMPERIAL PLAN CHECK 8/30/21	STAFF	8/30/21	
	3	CITY OF IMPERIAL PLAN CHECK 9/15/21	STAFF	9/15/21	
	4	CITY OF IMPERIAL PLAN CHECK 9/17/21	STAFF	9/17/21	
TWO WORKING DAYS BEFORE YOU DIG	5	CITY OF IMPERIAL PLAN CHECK 9/22/21	STAFF	9/22/21	

ENGINEER OF RECORD

PLANS PREPARED UNDER THE SUPERVISION OF

BY: CARLOS CORRALES DATE: 10/01/21

R.C.E. NO.: 55432

SEAL

LC ENGINEERING CONSULTANTS INC.
7215 ENGINEERING PLANT SUBDIVISION/CONSTRUCTION MANAGEMENT SERVICES
4615 State Street
El Centro, CA 92543

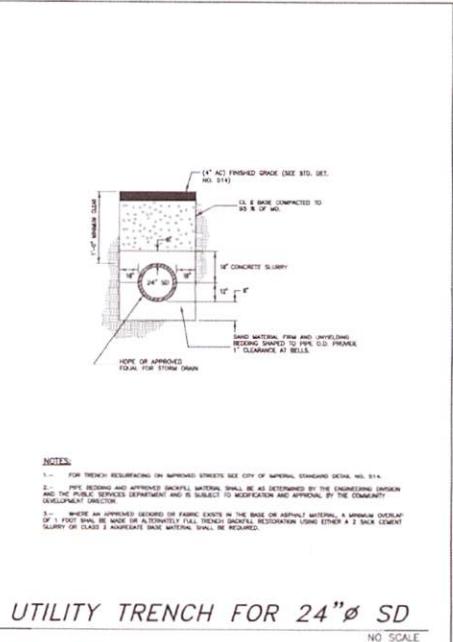
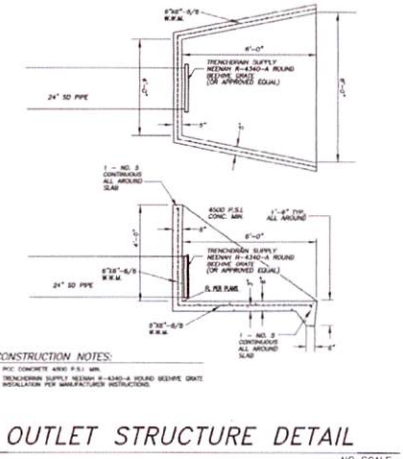
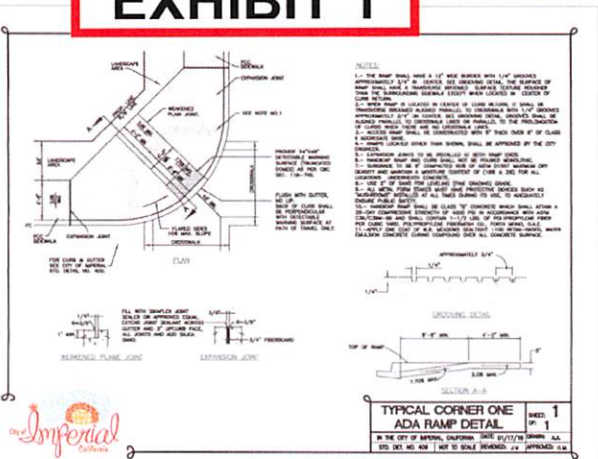
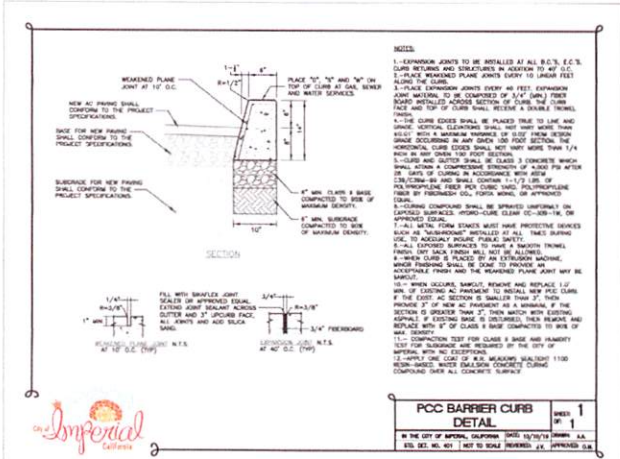
DATE: OCTOBER 01, 2021 BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL

IMPROVEMENT PLANS
DETAILS/SECTIONS
2ND STREET TRAVEL LANE AND CONSTRUCTION FROM OLD SR-80 TO 7TH STREET

SHEET
11 OF 13 SHEETS
JOB NO. C20029-00

EXHIBIT 1



APPROVED
 CITY OF IMPERIAL
 J.C. [Signature]
 DATE: 10/27/21

UNDERGROUND SERVICE ALERT CALL TOLL FREE 811 TWO WORKING DAYS BEFORE YOU DIG	1	CITY OF IMPERIAL PLAN CHECK 7/02/21	BY STAFF	DATE 7/02/21	APPROVED BY PUBLIC SERVICES DIRECTOR CITY OF IMPERIAL, CA [Signature] DATE: 10/27/21 JACKIE LUPKIN	ENGINEER OF RECORD PLANS PREPARED UNDER THE SUPERVISION OF BY: CARLOS CORIALES R.C.C. NO.: 55432	SEAL No. 55432 DATE: 10/27/21 CARLOS CORIALES	L.C. ENGINEERING CONSULTANTS INC. 1200 E. COLTON AVENUE, SUITE 200 IMPERIAL, CA 92541 (606) 944-1111 www.lcei.com	CITY OF IMPERIAL IMPROVEMENT PLANS DETAILS 2ND STREET REHABILITATION AND CONSTRUCTION FROM OLD SR 46 TO 1ST STREET	SHEET 12 OF 13 SHEETS JOB NO. G20029-00
	2	CITY OF IMPERIAL PLAN CHECK 8/04/21	BY STAFF	DATE 8/04/21						
	3	CITY OF IMPERIAL PLAN CHECK 9/15/21	BY STAFF	DATE 9/15/21						
	4	CITY OF IMPERIAL PLAN CHECK 9/17/21	BY STAFF	DATE 9/17/21						
	5	CITY OF IMPERIAL PLAN CHECK 9/22/21	BY STAFF	DATE 9/22/21						
DATE: OCTOBER 01, 2021 BENCHMARK: SEE SHEET NO. 1										

EXHIBIT 2



BID Opening Act

BID No. 2021-05

2nd Street Rehabilitation & Reconstruction of Old SR-86 to P Street

Bids received by:

Juan Mendipour

Were opened at

3:03 PM

on

10/25/2021

By:

Juan Mendipour

Witnessed by:

Signature

Marco Coronel

Marco

Jesús Viveras

Jesús

Juan Mendipour

COMPANY

BID AMOUNT

BID BOND

ROVE Eng.

\$ 1,819,365.00

10%

LC Paving

\$ 1,933,207.32

10%

Granite Const.

\$ 2,362,632.00

10%

Hazard

\$ 2,191,450.70

10%

Pyramid Const.

\$ 1,769,655.06

10%

BIDS WERE GIVEN TO

Jesús Viveras

FOR STUDY AND

RECOMMENDATION TO CITY COUNCIL.

JULIAN MEHDIPOUR

PUBLIC RECORDS ANALYSIS

DATE

10/25/21