

Agenda Item No. C-2

DATE SUBMITTED 04/24/2024
 SUBMITTED BY COMMUNITY DEVELOPMENT DIRECTOR
 DATE ACTION REQUIRED 05/01/2024

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:
 7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
 BID NO. 2024-01

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

DEPARTMENT INVOLVED: COMMUNITY DEVELOPMENT DEPARTMENT

BACKGROUND/SUMMARY:

On February 07, 2024 the Community Development Department was directed by City Council per Agenda Item B-2 to seek Bids for the Townsite Street Improvements Project, so our department conducted a competitive BID process for the rehabilitation of 7th, 10th & 14th Streets. The project includes, but not limited to the following activities: removal of existing asphalt in poor conditions, grind and overlay in parts of streets as needed, installation of asphalt leveling course, installation of asphalt-rubber aggregate membrane (ARAM), installation of asphalt rubber hot mix (ARHM), slurry seal, removal and replacement of four (4) fire hydrants, removal and replacement of fifteen (15) sanitary sewer manholes, installation of a new Storm Drain System (Pipe, Junction Boxes & Catch Basins), as well as thermoplastic road striping (Pavement Markings).

See attached Exhibit 1 (Improvement Plans) for detail.

In addition to publishing said BID 2024-01 into the City Website, Holtville Tribune, Calexico Chronicle, and several planrooms, staff sent out the document to a total of ten (10) Local and Non-Local respected and dependable engineering contractor, being Rove Engineering, Inc. the only firm that submitted a proposal.

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

After a thorough review of said proposal, staff determined that it was complete and considered to be at a reasonable cost.

Since these streets are located within the oldest area of the City, it is also recommended to authorize a 25% Contingency for the construction of this project due to potential unforeseen underground conditions. If authorized, it will be reduced the likelihood of project delays.

Main concerns (but not limited to) are in regard to very old or unidentified City's, Utility Companies' and/or IID's infrastructure.

FISCAL IMPACT:

- a. \$ 3,000,000 from State Grant Funds (CIP Project No 829)
- b. \$ 148,000 from LPP Funds
- c. \$ 1,664,840 from Waste Water
- d. \$ 635,000 from SB1 & LTA Measure D

ADMIN SERVICES SIGN INITIALS JMS

EXHIBIT 2



BID Opening Act

BID No. 2024-01

7th, 10th & 14th STREETS REHABILITATION PROJECT

Bids received by: Aimee Osuna

Were opened at Senior Center on 4/18/24

By: Aimee Osuna

Witnessed by:

JESUS VILLEGAS

Othon Mora

Fernando Laver Williams Reyes

Signature

[Signature]

[Signature]

Company	Bid Amount	Bid Bond
<u>Rove Eng.</u>	<u>4,230,912.10</u>	<u>10%</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Bids were given to Othon Mora for study and recommendation for City Council.

[Signature]

4/18/24
Date

EXHIBIT 1

7TH, 10TH & 14TH STREETS REHABILITATION PROJECT

BETWEEN "C" STREET AND OLD SR-86

IN THE CITY OF IMPERIAL, COUNTY OF IMPERIAL, STATE OF CALIFORNIA.

BID NO. 2024-01

GENERAL NOTES

1. CITY ENCROACHMENT PERMIT CONDITIONS AND PROVISIONS SHALL TAKE PRECEDENCE OVER THE APPROVED PLANS AND SPECIFICATIONS FOR ANY CONFLICTS.
2. THE STRUCTURAL STATE SHALL BE IN ACCORDANCE WITH CITY OF IMPERIAL STANDARDS (OR CALTRANS F IN STATE RIGHT OF WAY) AND AS APPROVED BY THE DEVELOPMENT SERVICES DEPARTMENT DIRECTOR (OR CALTRANS).
3. APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
4. ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE CONSTRUCTED, CONNECTED AND TESTED PRIOR TO CONSTRUCTION OF CURB, CROSS-CUTTER AND PAVING.
5. THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS, TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN HEREON AND ANY OTHER WHICH IS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
6. LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE SUPERVISORY, LOCATIONS AND LOCAL EXISTING UNDERGROUND FACILITIES SURVEILANCE AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
7. UTILITIES COORDINATION: NO LESS THAN 3 WORKING DAYS PRIOR TO ANY EXCAVATION OR TRENCHING, EACH CONTRACTOR DOING SUCH WORK SHALL CONTACT THE REFERENCED AGENCIES SO THAT EXISTING UNDERGROUND UTILITIES MAY BE LOCATED. THE AGENCY MAY REQUIRE AN INSPECTOR TO BE PRESENT. EXISTING UNDERGROUND UTILITIES: BEFORE EXCAVATING FOR THIS CONTRACT, VERIFY LOCATION OF UNDERGROUND UTILITIES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS ONLY AND MAY NOT REFLECT ALL EXISTING UTILITIES. LOCATION OF ALL EXISTING UTILITIES SHALL BE CONFIRMED BY FIELD MEASUREMENTS BY CONTRACTOR PRIOR TO CONSTRUCTION OF WORK. CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ACCURATE VERIFICATION AS TO SIZE, LOCATION AND DEPTH OF EXISTING UNDERGROUND SERVICES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL NOTIFY THE SOUTHERN CALIFORNIA GAS COMPANY, PACIFIC BELL TELEPHONE COMPANY, IMPERIAL IRRIGATION DISTRICT AND ANY OTHER AFFECTED UTILITY AGENCIES PRIOR TO STARTING HIS WORK WITH UTILITY REPRESENTATIVES. FOR LOCATION OF UNDERGROUND UTILITIES AND APPURTENANCES, CONTACT "IMPERIAL COUNTY SERVICE ALERT" AT 1-800-422-4133.
8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS AND BEAR THE COST OF RELOCATIONS, IF NEEDED.
9. CONSTRUCT A PUBLIC STREET LIGHT SYSTEM CONFORMING TO APPROPRIATE STANDARDS AND STREET LIGHT SPECIFICATIONS. POWER SOURCES AND RUNS SHALL BE SHOWN ON THE "AS-BUILT" IMPROVEMENT DRAWINGS. ALL POWER SOURCES SHALL BE LOCATED WITHIN THE DEDICATED RIGHT-OF-WAY EASEMENT.
10. NO PAVING SHALL BE DONE UNTIL EXISTING POWER POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.
11. PRIVATE ROAD IMPROVEMENTS SHOWN HEREON ARE FOR INFORMATION ONLY. CITY OFFICIALS SIGNATURE HEREON DOES NOT CONSTITUTE APPROVAL OR RESPONSIBILITY OF ANY KIND FOR THE DESIGN OR CONSTRUCTION OF THESE PRIVATE IMPROVEMENTS.
12. ALL SIGNS TO BE ALUMINUM WITH 3M HIGH INTENSITY TYPE REFLECTIVE FACE OR EQUIVALENT.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY STRIPING, PAVEMENT MARKERS, OR LEGENDS OBTAINED BY THE CONSTRUCTION OF THIS PROJECT.
14. THE CONTRACTOR SHALL DO ALL NEW STRIPING AND SANDBLASTING OF REDUNDANT STRIPING.
15. THE CONSTRUCTION OF ONE PCC STANDARD DRIVEWAY PER LOT, LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER OF WORK. PCC SURFACE OF DRIVEWAY TO EXTEND FROM CURB TO PROPERTY LINE UNLESS OTHERWISE SHOWN.
16. THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AN ENCROACHMENT PERMIT FROM THE CITY OF IMPERIAL COMMUNITY DEVELOPMENT DEPARTMENT FOR CONSTRUCTION WITHIN CITY ROAD RIGHT-OF-WAY FOR INSPECTIONS. 24 HOUR MINIMUM NOTICE IS REQUIRED. (760) 355-3151. ADDITIONALLY, UNDERGROUND SERVICE ALERT (USA) MUST BE CALLED TWO WORKING DAYS BEFORE THE CONTRACTOR MAY EXCAVATE. THEIR CONTACT NUMBERS: 1-800-422-4133. ALL WORK AND MATERIALS ARE SUBJECT TO THE INSPECTION AND APPROVAL FROM THE CITY OF IMPERIAL PUBLIC WORKS DEPARTMENT OR THEIR REPRESENTATIVE.
17. NO REVISIONS OF ANY KIND SHALL BE MADE TO THESE PLANS WITHOUT THE PRIOR WRITTEN APPROVAL OF BOTH THE CITY ENGINEER (OR HIS REPRESENTATIVE) AND THE ENGINEER OF RECORD. A REPRODUCIBLE AS-BUILT PLAN SET WILL BE PROVIDED TO THE CITY OF IMPERIAL PUBLIC WORKS DEPARTMENT AS A CONDITION OF SUBSTANTIAL CONSTRUCTION COMPLETION AND PRIOR TO ACCEPTANCE.

18. ALL WORK AND MATERIAL SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, THE CITY OF IMPERIAL COMMUNITY DEVELOPMENT/PUBLIC SERVICES DEPARTMENT STANDARDS AND ENCROACHMENT PERMIT CONDITIONS, ANY REFERENCED STANDARDS AND SPECIFICATIONS AND THE SPECIFICATIONS AND THE REQUIREMENTS OF THE AGENCIES REFERRED TO HEREIN. ALL WORK SHOWN OR INDICATED BY THESE PLANS SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARDS, POLICIES AND REGULATIONS OF THE CITY OF IMPERIAL, WHETHER OR NOT CONFLICTS OCCUR. THEN THE CITY OF IMPERIAL REQUIREMENTS SHALL GOVERN.
19. UNLESS SPECIFICALLY INDICATED OTHERWISE, METHODS EMPLOYED AND MATERIAL USED IN THE CONSTRUCTION OF ALL OFFSITE IMPROVEMENTS SHALL CONFORM TO THE APPLICABLE PROVISIONS OF THE "STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED JULY 1999". ALL WORK IS SUBJECT TO INSPECTION AND APPROVAL AS REQUIRED.
20. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DIVISION OF SAFETY AND TO ADHERE TO ALL PROVISIONS OF THE STATE CONSTRUCTION SAFETY ORDERS AND STANDARDS.
21. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A GENERAL CONSTRUCTION ACTIVITY STORM WATER PERMIT FROM THE STATE WATER RESOURCES CONTROL BOARD DIVISION OF WATER QUALITY, CONTACT "STATE WATER RESOURCES CONTROL BOARD, DIVISION OF WATER QUALITY, ATTENTION STORM WATER PERMIT UNIT, P.O. BOX 1977, SACRAMENTO, CALIFORNIA, 95812.
22. CONSTRUCTION PROJECTS DISTURBING MORE THAN ONE ACRE MUST OBTAIN A NATIONAL POLLUTANT DISCHARGE EXEMPTION SYSTEM (NPDES) PERMIT. CONTRACTORS ARE REQUIRED TO FILE A NOTICE OF INTENT (NOI) WITH THE STATE WATER RESOURCES CONTROL BOARD, PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND MONITORING PLAN FOR THE SITE.
23. AS DETERMINED BY THE CITY OF IMPERIAL COMMUNITY DEVELOPMENT AND/OR PUBLIC WORKS DEPARTMENT (CITY/CD/PAV), THE DEVELOPER IS RESPONSIBLE FOR A MINIMUM 10% ROAD IMPROVEMENTS TO CENTERLINE, AND MAY BE REQUIRED TO RECONSTRUCT EXISTING PAVEMENT, INCLUDING BASE, AND MATCHING OVERLAY, REQUIRED TO MEET THE STRUCTURAL STANDARDS FOR THE CURRENT ASSIGNED TRAFFIC WORK.
24. EXISTING STORM DRAIN PIPES/CULVERTS WHETHER TO BE CONNECTED TO, EXTENDED, ADJUSTED, DRAINED TO, OR JUST IN PROJECT VICINITY SHALL BE REPAIRED AND/OR CLEANED TO MAKE THEM FUNCTIONAL AND ACCEPTABLE AS DIRECTED BY THE CITY OF IMPERIAL COMMUNITY DEVELOPMENT AND/OR PUBLIC WORKS DEPARTMENT DIRECTOR.
25. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE CURRENT WORK AREA TRAFFIC CONTROL HANDBOOK OR AS DIRECTED BY THE CITY OF IMPERIAL COMMUNITY DEVELOPMENT DEPARTMENT TRAFFIC ENGINEER.
26. ANY EXISTING SURVEY MONUMENTS OR CITY RECOGNIZED BENCHMARKS SHALL BE PROTECTED BY THE CONTRACTOR. SHOULD ANY SUCH MONUMENTS OR BENCHMARKS BE REMOVED, DAMAGED, OBTERATED OR ALTERED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER RESETTLEMENT OF THE SAME AS PER THE SUBDIVISION MAP ACT, THE PROFESSIONAL LAND SURVEYORS ACT AND THE SATISFACTION OF THE CITY SURVEYOR/COMMUNITY DEVELOPMENT DEPARTMENT DIRECTOR.
27. DUST CONTROL PLAN: PRIOR TO ANY GRADING OPERATIONS A DUST CONTROL PLAN SHALL BE PREPARED AND SUBMITTED FOR APPROVAL TO THE IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT (CAPCD). A COPY OF THE DUST CONTROL PLAN TO BE SUBMITTED TO THE CITY OF IMPERIAL COMMUNITY DEVELOPMENT DEPARTMENT.
28. AS-BUILT DRAWINGS: ALL WORK AND MATERIAL PROVIDED FOR THIS PROJECT SHALL CONFORM WITH THESE AND ALL REFERENCED PLANS. IN THE EVENT OF DEVIATIONS ARE REQUIRED AND HAVE BEEN APPROVED BY THE CITY OR ASSOCIATED UTILITY, SAID DEVIATIONS SHALL BE RECORDED ON AN AS-BUILT PLAN AND PROVIDED TO THE ENGINEER-OF-WORK FOR HIS PREPARATION OF AS-BUILT DRAWINGS. SAID DRAWINGS SHALL BE SUBMITTED TO THE CITY OF IMPERIAL COMMUNITY DEVELOPMENT DEPARTMENT NO LATER THAN 45 CALENDAR DAYS AFTER THE COMPLETION OF ALL CONTRACT WORK.
29. THE NOTES LISTED ABOVE ARE MINIMUM LIST. THIS DOES NOT RELIEVE THE ENGINEER AND CONTRACTOR FROM COMPLYING ADDITIONAL NOTES THAT MAY BE REQUIRED FOR THE PROJECT.

TRAFFIC CONTROL PLANS

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT THE TRAFFIC CONTROL PLAN FOR THIS PROJECT AT LEAST TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION.

WATER POLLUTION CONTROL PLAN

THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING A WATER POLLUTION CONTROL PLAN.

LEGEND:

- RIGHT OF WAY LINE
- BARRIERS
- ▨ FAST ACTION AREA
- ▨ PROPOSED OVERLAY AREA
- FIRST GAS LINE
- EXIST ELECTRIC OVERHEAD LINE
- EXIST TELEPHONE LINE
- EXIST SPIR ELEVATION
- EXIST SLOPE

AGENCY TELEPHONE NUMBERS

UTILITIES COORDINATION

NO LESS THAN 3 WORKING DAYS PRIOR TO ANY EXCAVATION OR TRENCHING, EACH CONTRACTOR DOING SUCH WORK SHALL CONTACT OR TELEPHONE THE FOLLOWING AGENCIES SO THAT EXISTING UNDERGROUND UTILITIES MAY BE LOCATED AND, IF REQUIRED BY THE AGENCY, AN INSPECTION MAY BE OBSERVED.

- | | |
|---|------------------------|
| 1. CITY OF IMPERIAL | 760-355-4321 |
| 2. AIA | 760-337-3358 |
| 3. SOUTHERN CALIFORNIA GAS CO | 760-370-5812 |
| 4. IMPERIAL IRRIGATION DISTRICT (POWER) | 760-482-3406 |
| 5. IMPERIAL IRRIGATION DISTRICT (WATER) | 760-339-9507 |
| 6. SPECTRUM | 760-335-4818 |
| 7. CITY OF IMPERIAL WEBSITE | WWW.CITYOFIMPERIAL.ORG |

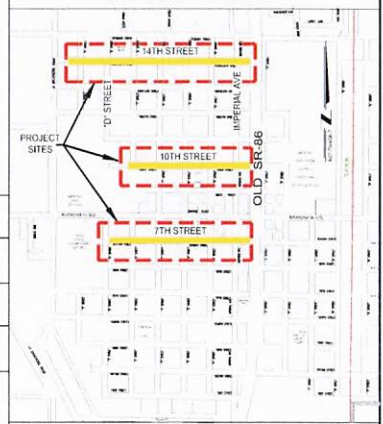
EXISTING UNDERGROUND UTILITIES:

ONLY THOSE EXISTING FACILITIES KNOWN TO THE ENGINEER OF THE WORK ARE SHOWN OR INDICATED ON THE DRAWINGS. THE LOCATION OF SUCH FACILITIES SHALL BE CONSIDERED APPROXIMATE. BEFORE COMMENCING WORK, EACH CONTRACTOR SHALL DETERMINE WHETHER OR NOT SAME WILL INTERFERE.

ABBREVIATIONS

- | | | | |
|-----|------------------|---------|--------------------------|
| CL | CENTER LINE | ST. LT. | STREET LIGHT |
| FL | FLOW LINE | TC | TOP OF CURB |
| FS | FINISHED SURFACE | TMH | TOP OF MANHOLE ELEVATION |
| INV | INVERT ELEVATION | TP | TOP OF PAVEMENT |
| RIM | RIM ELEVATION | W | WATER LINE |
| SS | SEWER LINE | | |
| SD | STORM DRAIN LINE | | |

VICINITY MAP



SHEET INDEX

1. TITLE SHEET
2. ROADWAY SURFACE IMPROVEMENTS (7TH STREET)
3. ROADWAY SURFACE IMPROVEMENTS (7TH STREET)
4. ROADWAY SURFACE IMPROVEMENTS (10TH STREET)
5. ROADWAY SURFACE IMPROVEMENTS (10TH STREET)
6. ROADWAY SURFACE IMPROVEMENTS (14TH STREET)
7. ROADWAY SURFACE IMPROVEMENTS (14TH STREET)
8. ROADWAY SURFACE IMPROVEMENTS (14TH STREET)
9. STORM DRAIN SYSTEM (7TH STREET)
10. STORM DRAIN SYSTEM (7TH STREET)
11. STORM DRAIN SYSTEM (10TH STREET)
12. STORM DRAIN SYSTEM (10TH STREET)
13. STORM DRAIN SYSTEM (14TH STREET)
14. STORM DRAIN SYSTEM (14TH STREET)
15. STORM DRAIN SYSTEM (14TH STREET)
16. STRIPING PLAN (7TH STREET)
17. STRIPING PLAN (7TH STREET)
18. STRIPING PLAN (10TH STREET)
19. STRIPING PLAN (10TH STREET)
20. STRIPING PLAN (14TH STREET)
21. STRIPING PLAN (14TH STREET)
22. STRIPING PLAN (14TH STREET)
23. DETAIL SHEET
24. DETAIL SHEET
25. DETAIL SHEET
26. DETAIL SHEET
27. STRIPING PLAN
28. SPECIFICATIONS SHEET



Underground Service Alert

Call: TOLL FREE

811

2 WORKING DAYS BEFORE YOU DIG

NO.	REVISIONS	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.



CITY OF IMPERIAL

420 South Imperial Avenue
Imperial, CA 92251

Ph: (760) 355-3840 • Fax: (760) 355-4718

COMMUNITY DEVELOPMENT DEPARTMENT

7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
BID NO. 2024-01

TITLE SHEET

DATE: 2024-04-03

SHEET

1

OF **28** SHEETS

EXHIBIT 1



7th Street (Sta 00+00 to Sta 06+00)



7th Street (Sta 06+00 to Sta 11+75)

NO.	REVISIONS	APPROVED	DATE

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7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
BID No. 2024-01
7TH STREET - ROADWAY SURFACE IMPROVEMENTS
BETWEEN SOUTH "D" STREET & OLD SR-86

SHEET
2
OF **28** SHEETS

DATE: 2024-04-03

EXHIBIT 1



7th Street (Sta 11+75 to Sta 17+20)



7th Street (Sta 17+20 to Sta 20+50)

NO.	REVISIONS	APPROVED	DATE

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 BID No. 2024-01
7TH STREET - ROADWAY SURFACE IMPROVEMENTS
 BETWEEN SOUTH "D" STREET & OLD SR-86

SHEET
3
 OF 28 SHEETS

DATE: 2024-04-03

EXHIBIT 1



10th Street (Sta 00+00 to Sta 06+00)

10th Street (Sta 06+00 to Sta 12+30)

NO.	REVISIONS	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for or liable for any errors or omissions on these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.



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 BID No. 2024-01
 10TH STREET - ROADWAY SURFACE IMPROVEMENTS
 BETWEEN SOUTH "E" STREET & OLD SR-86
 DATE: 2024-04-03

SHEET **5**
 OF **28** SHEETS

EXHIBIT 1



14th Street (Sta 12+00 to Sta 18+00)



14th Street (Sta 18+00 to Sta 23+60)

NO.	REVISIONS	APPROVED	DATE

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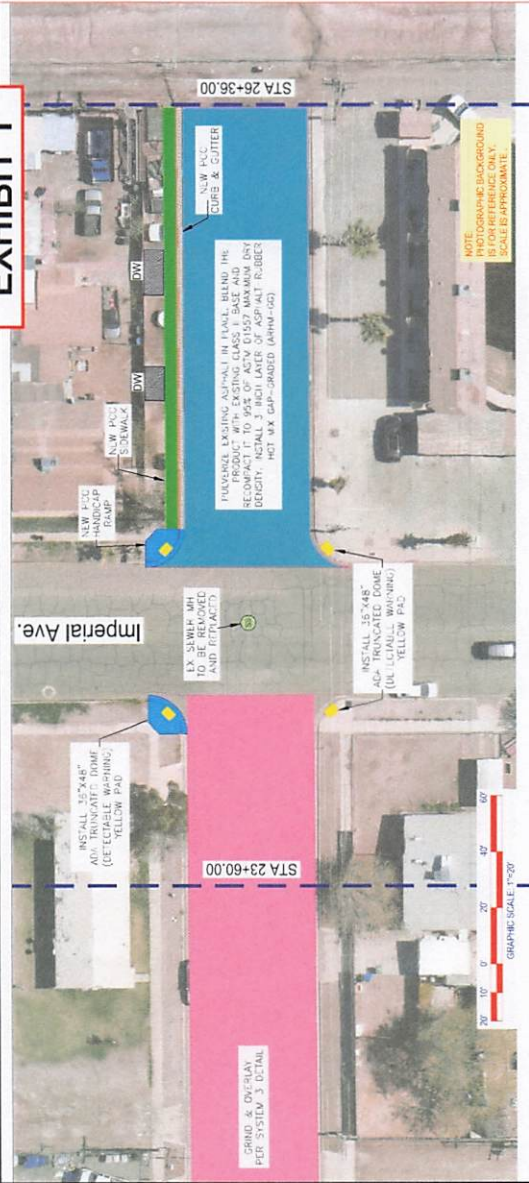


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COMMUNITY DEVELOPMENT DEPARTMENT
7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
 BID No. 2024-01
 14TH STREET - ROADWAY SURFACE IMPROVEMENTS
 FROM 170' WEST OF N. "C" STREET TO OLD SR-86
 DATE: 2024-04-03

SHEET
7
 OF **28** SHEETS

EXHIBIT 1



14th Street (Sta 23+60 to Sta 26+36)

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COMMUNITY DEVELOPMENT DEPARTMENT
7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
 BID No. 2024-01
 14TH STREET - ROADWAY SURFACE IMPROVEMENTS
 FROM 170 WEST OF N. "C" STREET TO OLD SR-86
 DATE: 2024-04-03

EXHIBIT 1



7th Street (Sta 00+00 to Sta 06+00)



7th Street (Sta 06+00 to Sta 11+75)

NO.	REVISIONS	APPROVED	DATE

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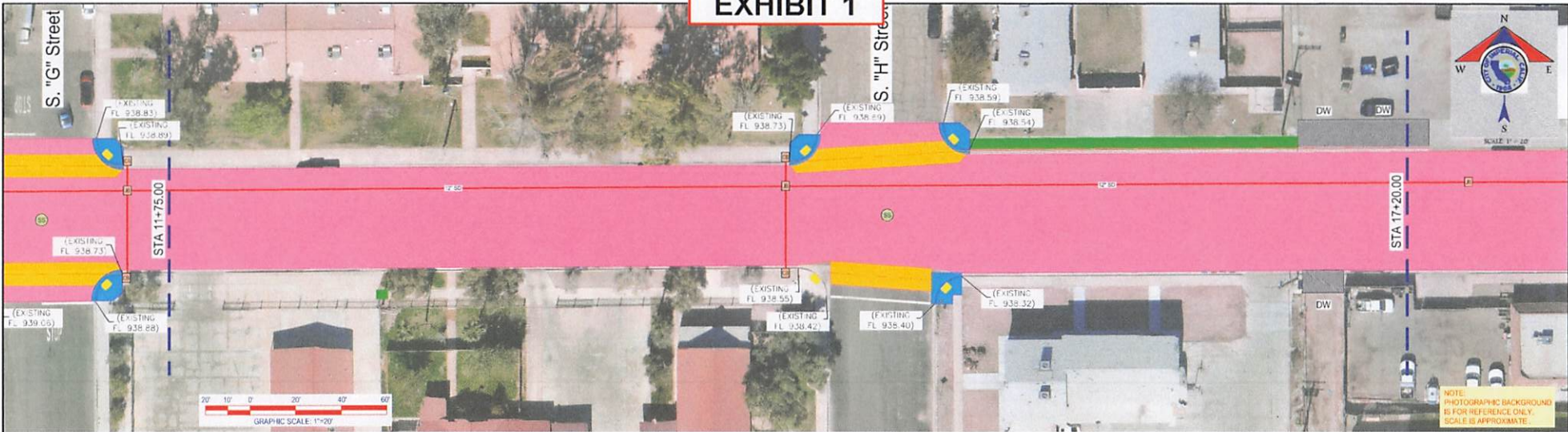
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COMMUNITY DEVELOPMENT DEPARTMENT
7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
 BID No. 2024-01
 7TH STREET - STORM DRAIN SYSTEM
 BETWEEN SOUTH "D" STREET & OLD SR-86

DATE: 2024-04-03

SHEET
9
 OF 28 SHEETS

EXHIBIT 1



7th Street (Sta 11+75 to Sta 17+20)



7th Street (Sta 17+20 to Sta 20+50)

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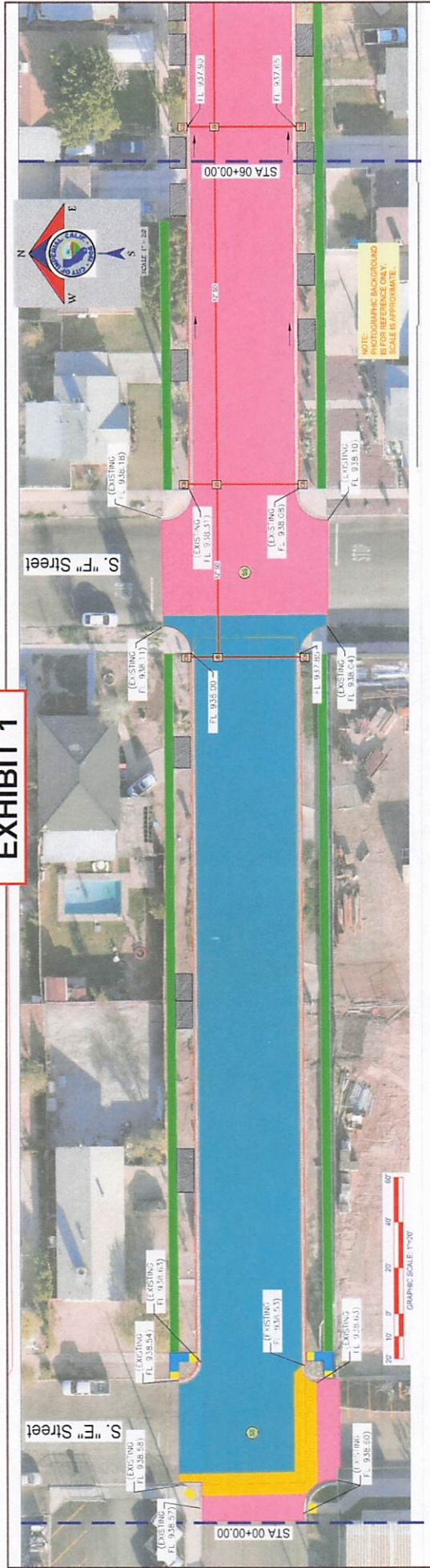
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 7TH STREET - STORM DRAIN SYSTEM
 BETWEEN SOUTH "D" STREET & OLD SR-86

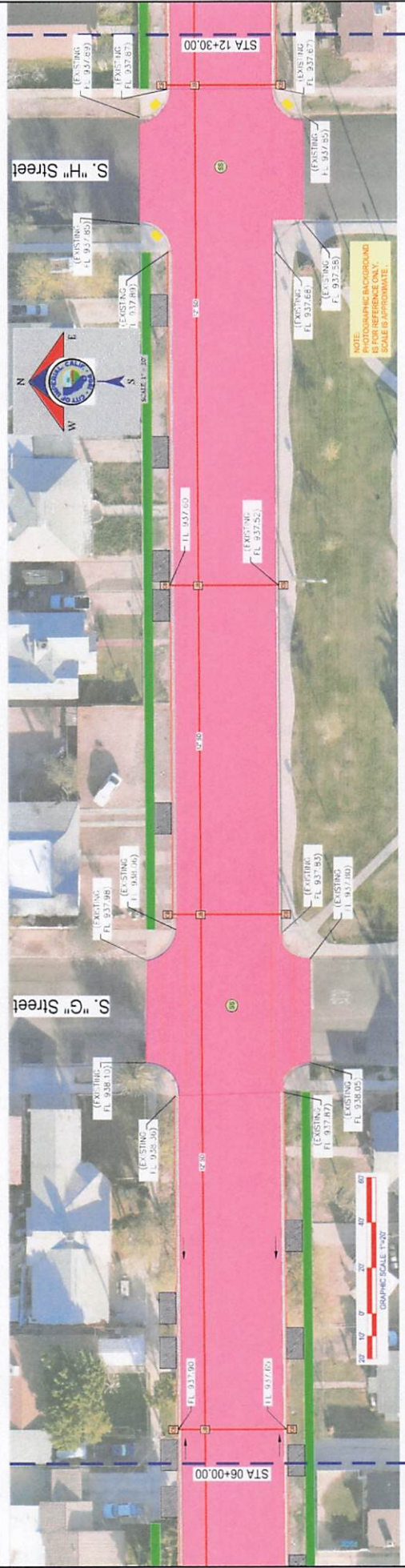
SHEET **10**
 OF **28** SHEETS

DATE: 2024-04-03

EXHIBIT 1




10th Street (Sta 00+00 to Sta 06+00)



10th Street (Sta 06+00 to Sta 12+30)

NO.	REVISIONS	APPROVED	DATE

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BID No. 2024-01
10TH STREET - STORM DRAIN SYSTEM
BETWEEN SOUTH "E" STREET & OLD SR-86

SHEET **11** OF **28** SHEETS
DATE 2024-04-02

EXHIBIT 1



10th Street (Sta 00+00 to Sta 06+00)

10th Street (Sta 06+00 to Sta 12+30)

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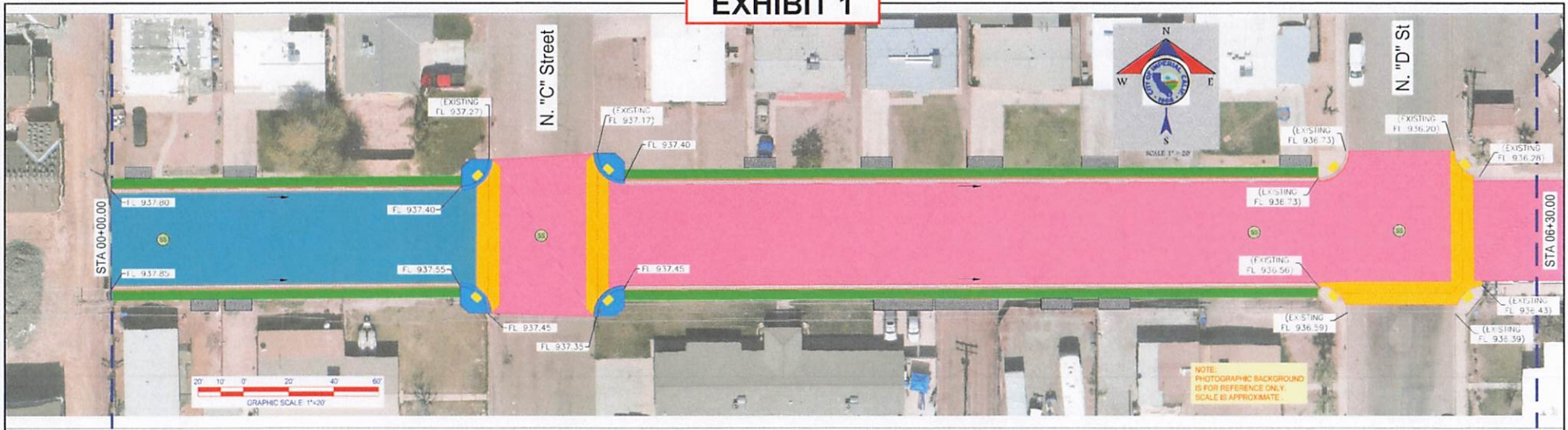
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 10TH STREET - STORM DRAIN SYSTEM
 BETWEEN SOUTH "E" STREET & OLD SR-86

SHEET
12
 OF **28** SHEETS

DATE: 2024-04-03

EXHIBIT 1



14th Street (Sta 00+00 to Sta 06+30)



14th Street (Sta 06+30 to Sta 12+00)

NO.	REVISIONS	APPROVED	DATE

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CITY OF IMPERIAL
420 South Imperial Avenue
Imperial, CA 92251
Ph: (760) 355-3840 • Fax: (760) 355-4718

COMMUNITY DEVELOPMENT DEPARTMENT
7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
BID No. 2024-01
14TH STREET - STORM DRAIN SYSTEM
FROM 170' WEST OF N. "C" STREET TO OLD SR-86

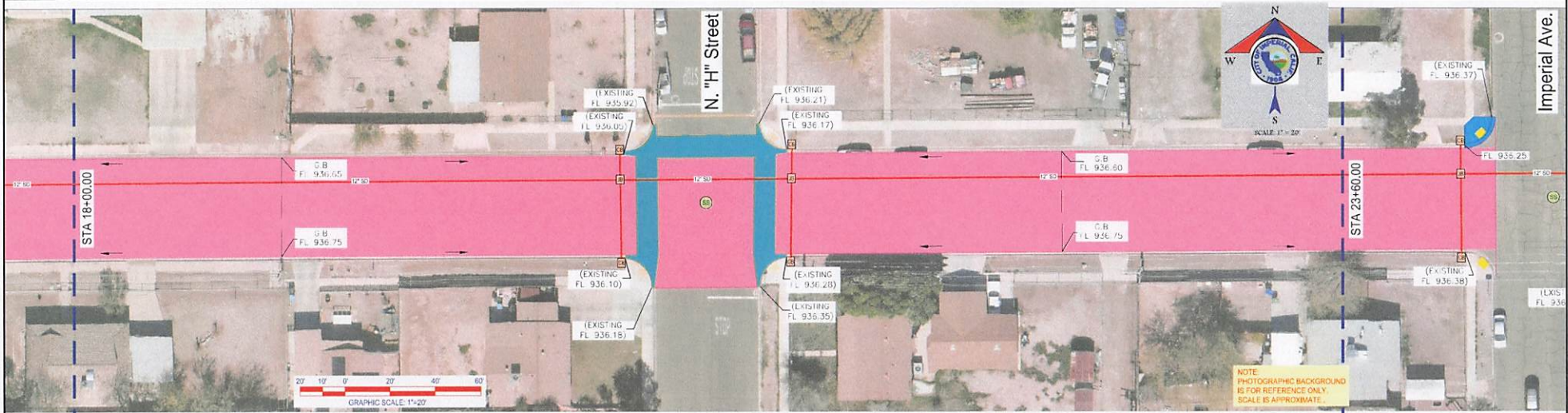
SHEET
13
OF **28** SHEETS

DATE: 2024-04-03

EXHIBIT 1



14th Street (Sta 12+00 to Sta 18+00)



14th Street (Sta 18+00 to Sta 23+60)

NO.	REVISIONS	APPROVED	DATE

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 BID No. 2024-01
 14TH STREET - STORM DRAIN SYSTEM
 FROM 170' WEST OF N. 'C' STREET TO OLD SR-86
 DATE: 2024-04-03

SHEET
14
 OF **28** SHEETS

EXHIBIT 1



14th Street (Sta 23+60 to Sta 26+36)

NO.	REVISIONS	APPROVED	DATE

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 BID No. 2024-01
 14TH STREET - STORM DRAIN SYSTEM
 FROM 170' WEST OF N. "C" STREET TO OLD SR-86

DATE: 2024-04-03

SHEET
15
 OF
28 SHEETS

EXHIBIT 1



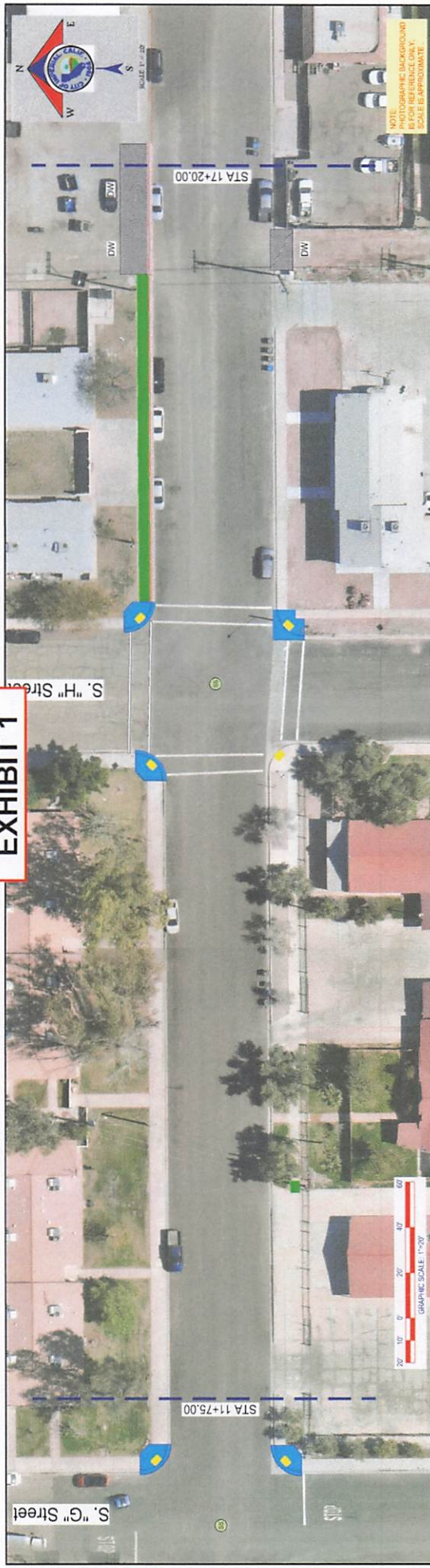
7th Street (Sta 00+00 to Sta 06+00)



7th Street (Sta 06+00 to Sta 11+75)

NO.	REVISIONS:	APPROVED	DATE
<p>UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.</p>			
<p>CITY OF IMPERIAL 420 South Imperial Avenue Imperial, CA 92251 Ph: (760) 355-3840 • Fax: (760) 355-4718</p>		<p>COMMUNITY DEVELOPMENT DEPARTMENT 7TH, 10TH & 14TH STREETS REHABILITATION PROJECT BID No. 2024-01 7TH STREET - STRIPING PLAN BETWEEN SOUTH "D" STREET & OLD SR-86 DATE: 2024-04-03</p>	
		SHEET	16
		OF	28
		SHEETS	

EXHIBIT 1



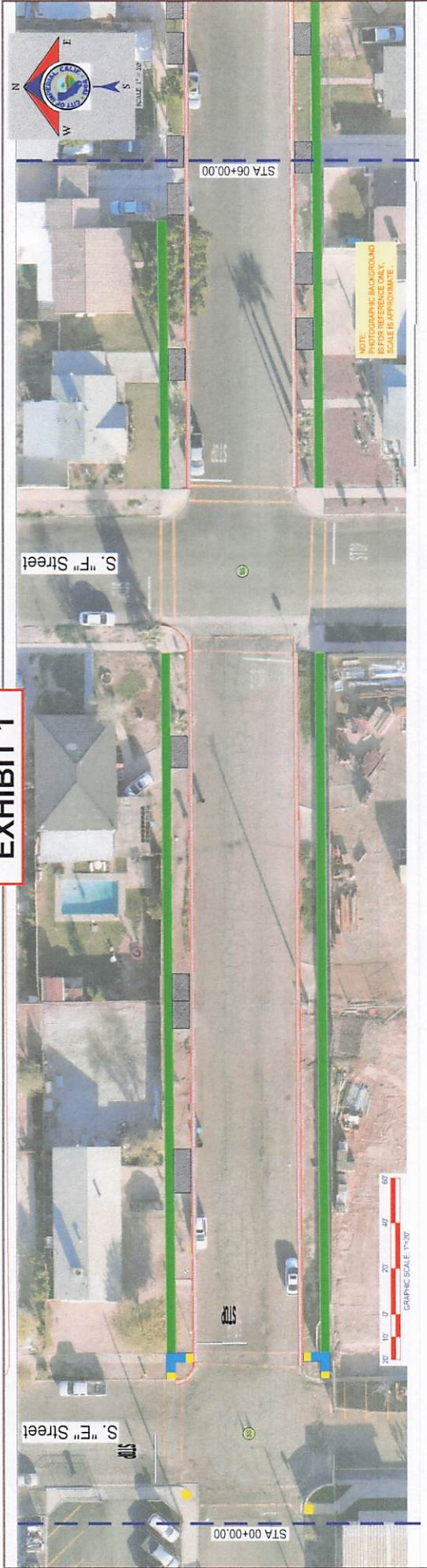
7th Street (Sta 11+75 to Sta 17+20)



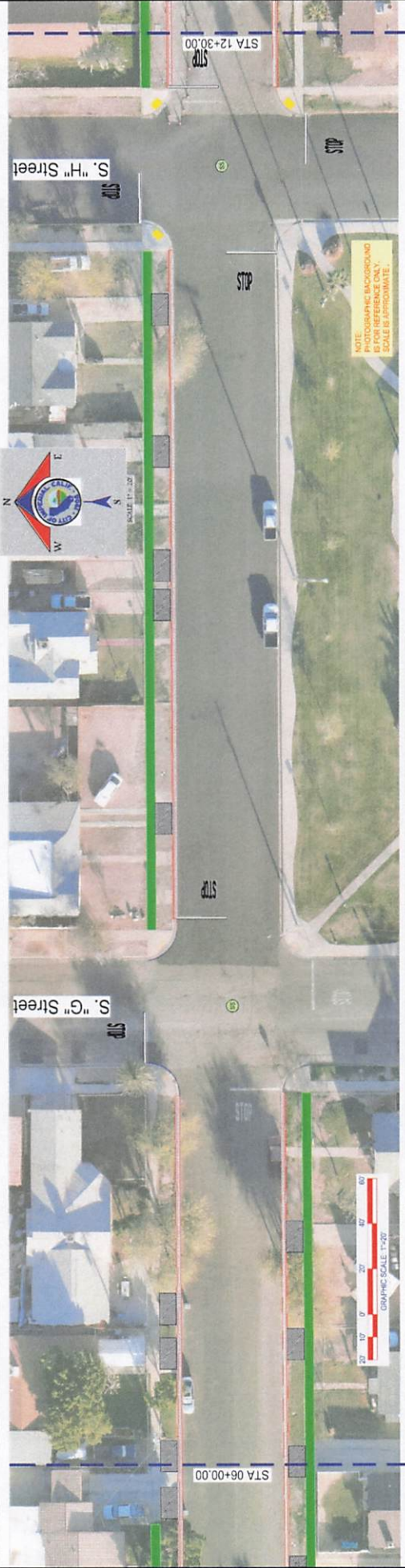
7th Street (Sta 17+20 to Sta 20+50)

	<p>COMMUNITY DEVELOPMENT DEPARTMENT</p> <p>7TH, 10TH & 14TH STREETS REHABILITATION PROJECT</p> <p>BID No. 2024-01</p> <p>7TH STREET - STRIPING PLAN</p> <p>BETWEEN SOUTH "D" STREET & OLD SR-86</p> <p>DATE: 2024-04-03</p>	<p>SHEET</p> <p>17</p> <p>OF</p> <p>28</p> <p>SHEETS</p>												
	<p>CITY OF IMPERIAL</p> <p>420 South Imperial Avenue Imperial, CA 92251</p> <p>Ph: (760) 355-3840 • Fax: (760)355-4718</p>													
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NO.</th> <th style="width: 50%;">REVISIONS</th> <th style="width: 40%;">APPROVED DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	REVISIONS	APPROVED DATE										
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<p>UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or use of these plans.</p> <p>All changes to the plans must be in writing and must be approved by the preparer of these plans.</p>														

EXHIBIT 1



10th Street (Sta 00+00 to Sta 06+00)



10th Street (Sta 06+00 to Sta 12+30)

NO.	REVISIONS	APPROVED	DATE
<p>UNLIT/UNCOVERED CHANGES. The engineer preparing these plans will not be responsible for or liable for approved changes or omissions of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.</p>			
<p>CITY OF IMPERIAL 420 South Imperial Avenue Imperial, CA 92251 Ph: (760) 355-3840 • Fax: (760) 355-4718</p>		<p>COMMUNITY DEVELOPMENT DEPARTMENT 7TH, 10TH & 14TH STREETS REHABILITATION PROJECT BID No. 2024-01 10TH STREET - STRIPING PLANS BETWEEN SOUTH 'E' STREET & OLD SR-86 DATE: 2024-04-03</p>	
<p>SHEET 18</p>			<p>OF 28 SHEETS</p>

EXHIBIT 1



10th Street (Sta 00+00 to Sta 06+00)

10th Street (Sta 06+00 to Sta 12+30)

NO.	REVISIONS	APPROVED	DATE

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COMMUNITY DEVELOPMENT DEPARTMENT
7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
 BID No. 2024-01
 10TH STREET - STRIPING PLAN
 BETWEEN SOUTH "E" STREET & OLD SR-86

DATE: 2024-04-03

SHEET
19
 OF **28** SHEETS

EXHIBIT 1



14th Street (Sta 00+00 to Sta 06+30)



14th Street (Sta 06+30 to Sta 12+00)

NO.	REVISIONS	APPROVED	DATE

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COMMUNITY DEVELOPMENT DEPARTMENT
7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
 BID No. 2024-01
 14TH STREET - STRIPING PLAN
 FROM 170' WEST OF N. "C" STREET TO OLD SR-86
 DATE 2024-04-03

SHEET
20
 OF
28 SHEETS

EXHIBIT 1



14th Street (Sta 12+00 to Sta 18+00)




14th Street (Sta 18+00 to Sta 23+60)

NO.	REVISIONS	APPROVED	DATE

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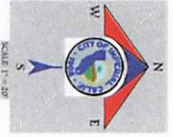
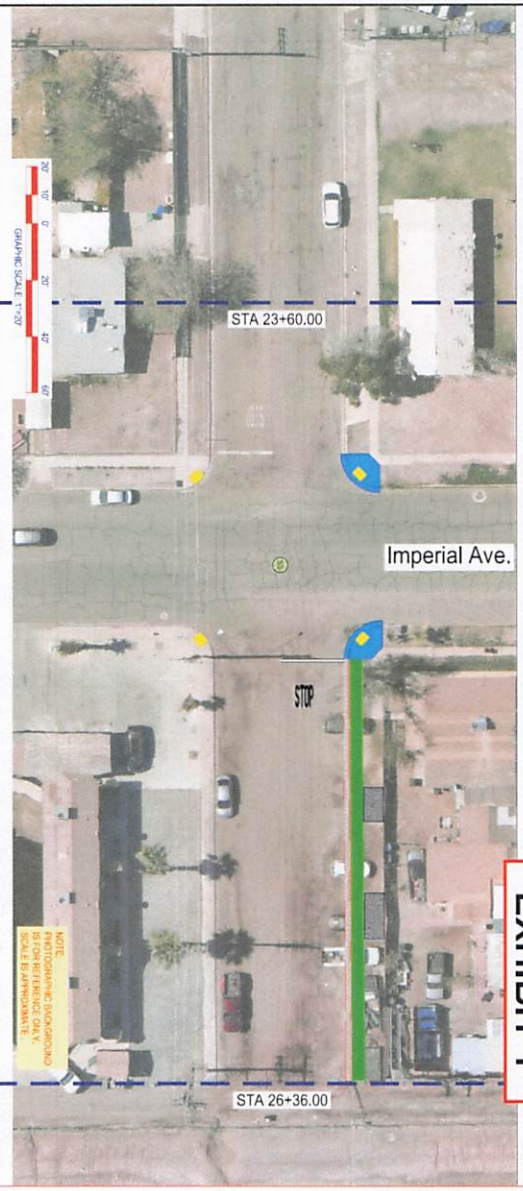
CITY OF IMPERIAL
 420 South Imperial Avenue
 Imperial, CA 92251
 Ph: (760) 365-3940 • Fax: (760)355-4718



COMMUNITY DEVELOPMENT DEPARTMENT
7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
 BID No. 2024-01
14TH STREET - STRIPING PLAN
 FROM 170 WEST OF N. "C" STREET TO OLD SR-86
 DATE: 2024-04-03

SHEET **21**
 OF **28** SHEETS

EXHIBIT 1



NOTE: PHOTOGRAPHIC BACKGROUND IS FOR REFERENCE ONLY. SHALL BE APPROVED BY THE PROJECT ENGINEER.

14th Street (Sta 23+60 to Sta 26+36)

NO.	REVISIONS	APPROVED	DATE



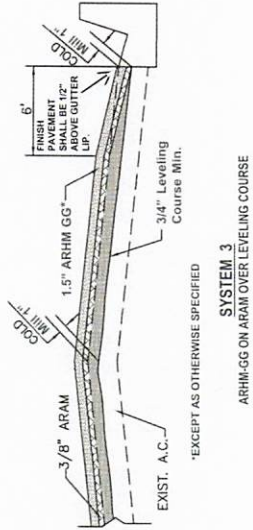
CITY OF IMPERIAL
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COMMUNITY DEVELOPMENT DEPARTMENT
7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
 BID No. 2024-01
 14TH STREET - STRIPING PLAN
 FROM 170' WEST OF N. "C" STREET TO OLD SR-86
 DATE: 2024-04-03

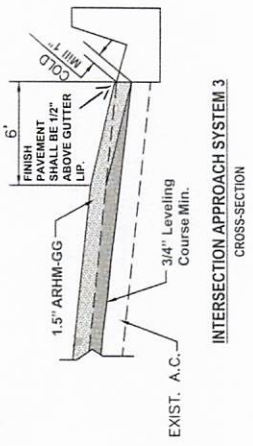
SHEET **22**
 OF **28** SHEETS

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans and not be responsible for or liable for unauthorized changes or uses of these plans. All changes to the plans must be in writing and must be approved by the project engineer.

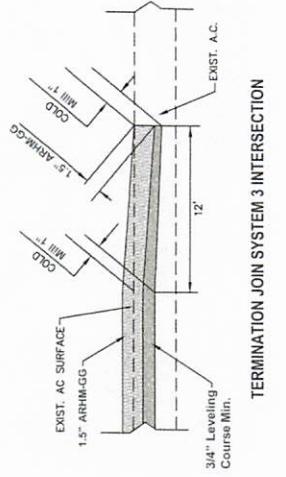
EXHIBIT 1



*EXCEPT AS OTHERWISE SPECIFIED
SYSTEM 3
ARHM-GG ON ARHM OVER LEVELING COURSE



INTERSECTION APPROACH SYSTEM 3
CROSS-SECTION



TERMINATION JOIN SYSTEM 3 INTERSECTION

NOTE:
SEE PART III OF THE "CONTRACT DOCUMENTS AND SPECIFICATIONS", PAGES 102 THRU 122,
FOR ASPHALT GRINDING AND OVERLAY SPECIFICATIONS

NO.	REVISIONS	APPROVED	DATE

UNAUTHORIZED CHANGES TO THESE PLANS SHALL BE THE RESPONSIBILITY OF THE PREPARED BY. ALL CHANGES TO THESE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARED BY.



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NO.	REVISIONS	APPROVED	DATE

UNAUTHORIZED CHANGES TO THESE SHEETS WILL BE RESPONSIBLE FOR THE PREPARED BY THESE PLANS.
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DATE: 2024-04-03
 COMMUNITY DEVELOPMENT DEPARTMENT
7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
 BID NO. 2024-01

SHEET 24 OF 28 SHEETS
 DETAILS SHEET

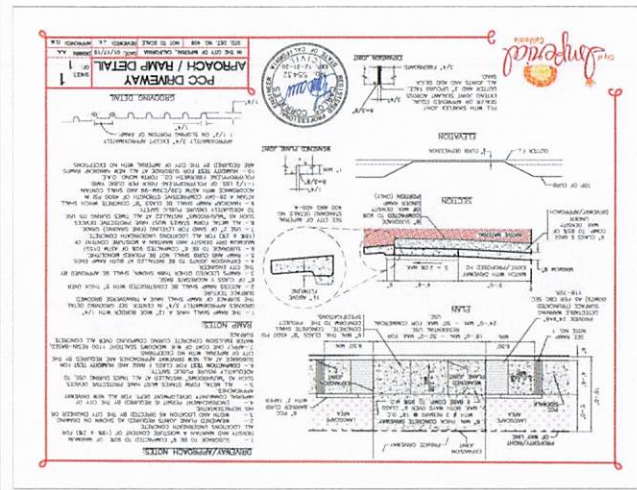
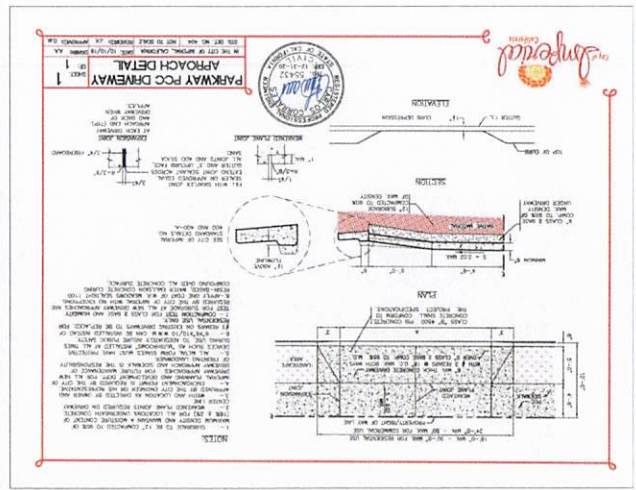
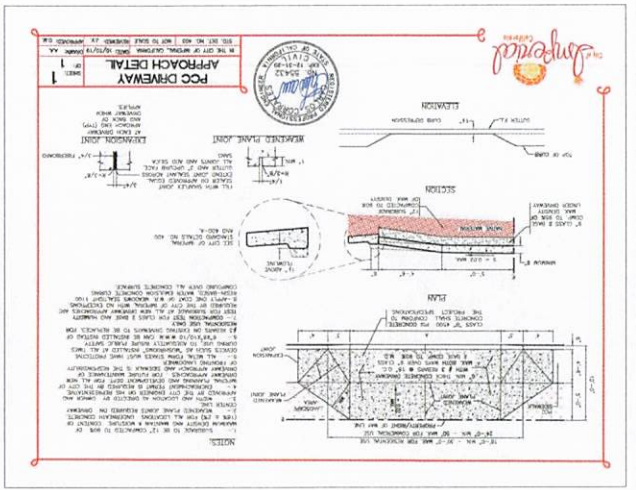
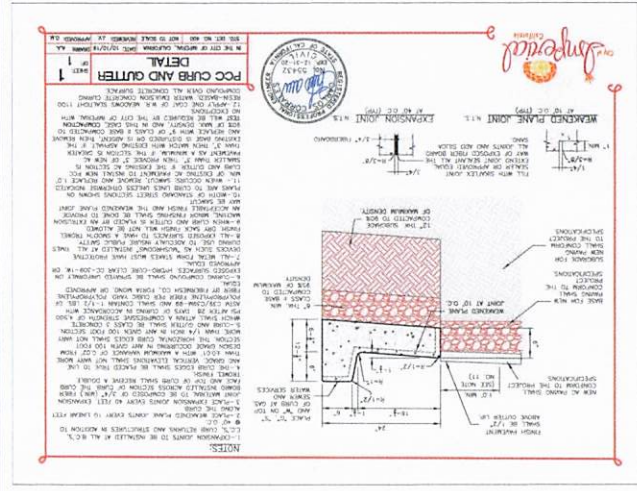
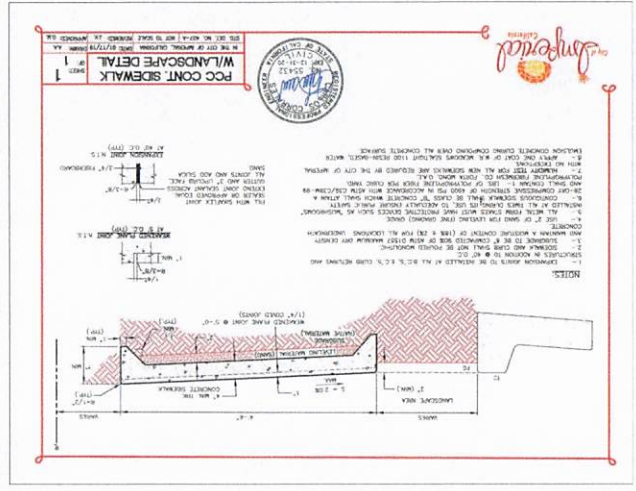
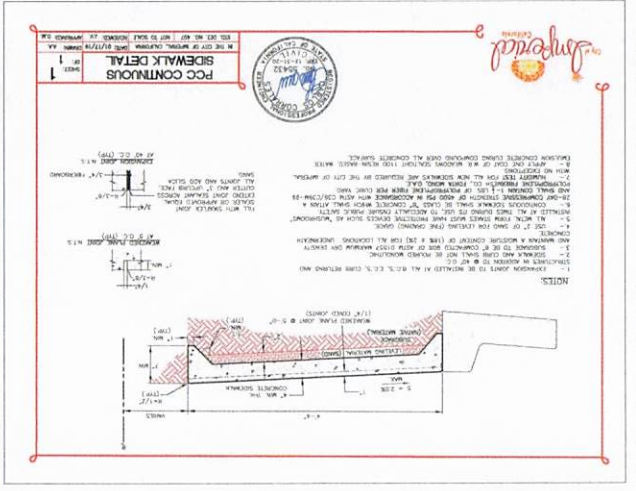


EXHIBIT 1

NO.	REVISIONS	DATE	APPROVED

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DATE 2024-03
 COMMUNITY DEVELOPMENT DEPARTMENT
 7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
 DETAILS SHEET

SHEET 25
 OF 28 SHEETS

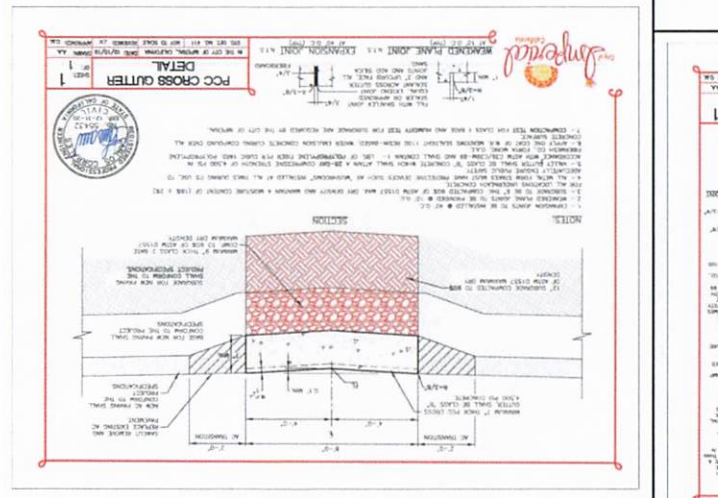
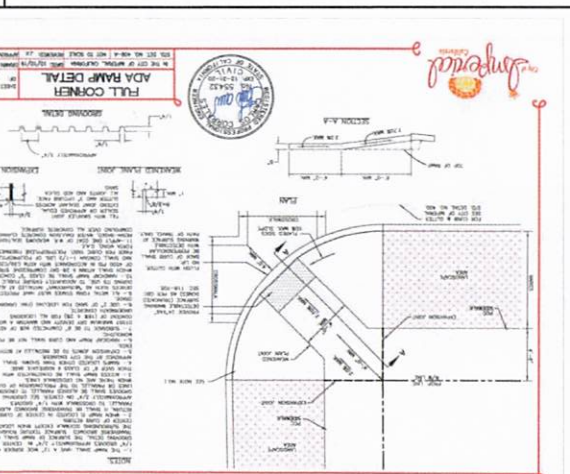
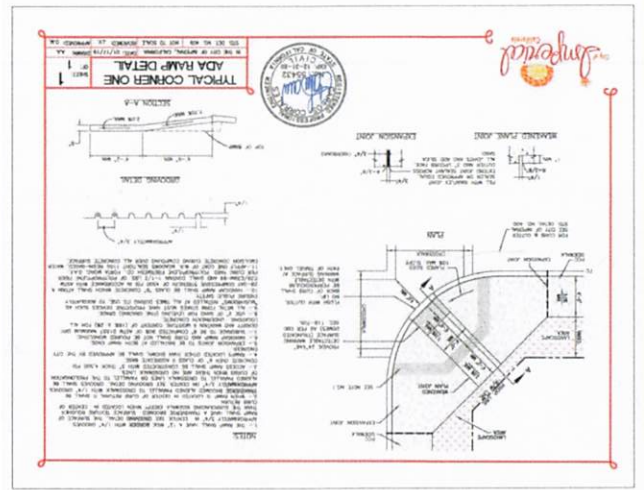
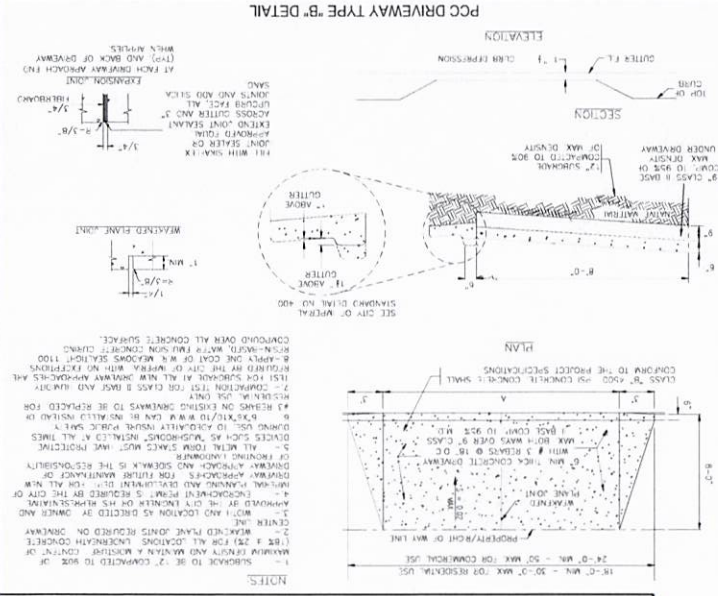
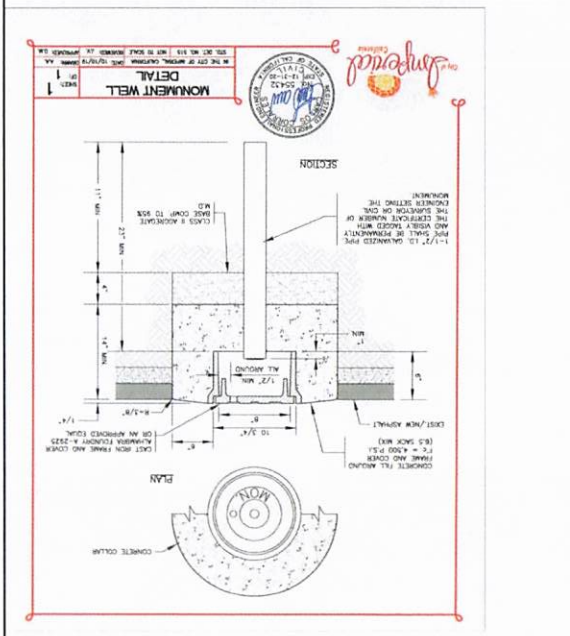
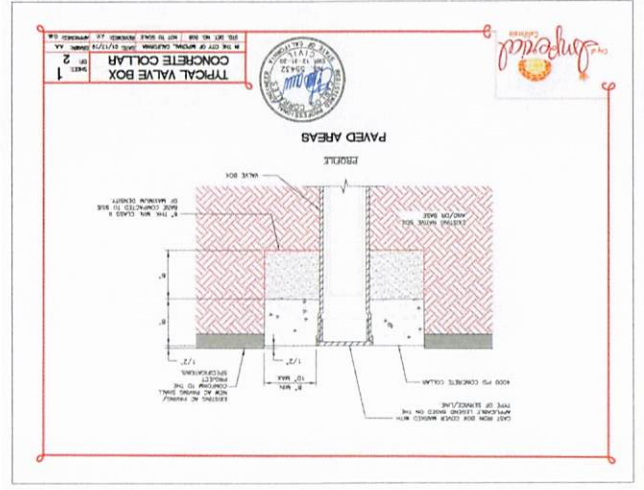
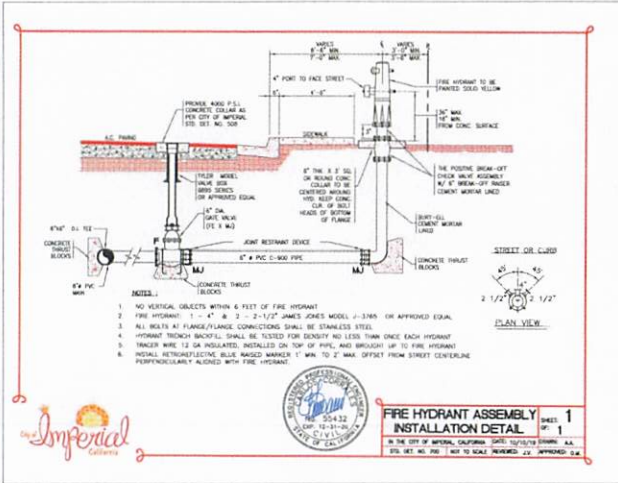
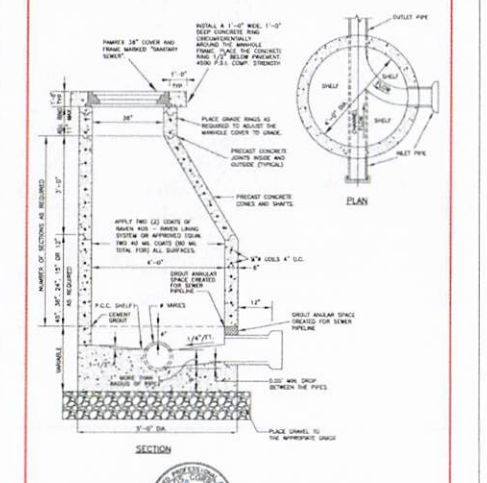


EXHIBIT 1

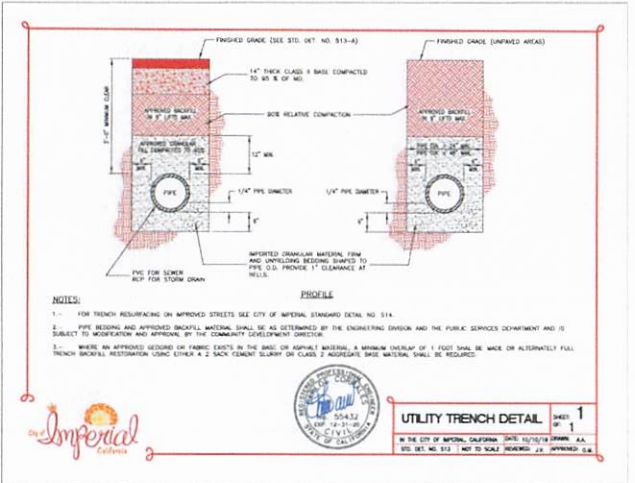
EXHIBIT 1



FIRE HYDRANT ASSEMBLY INSTALLATION DETAIL SHEET 1 OF 1
 IN THE CITY OF IMPERIAL, CALIFORNIA DATE 10/15/18 DRAWN: A.A.
 SEE DET. NO. 500 NOT TO SCALE REVISION: 2, 3 APPROVED: S.A.

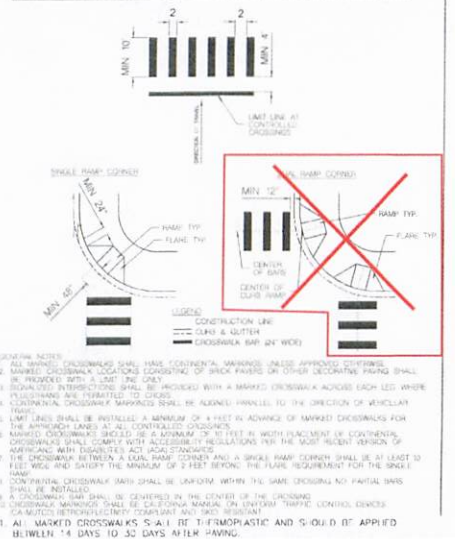


ECCENTRIC SEWER MANHOLE DETAIL SHEET 1 OF 1
 IN THE CITY OF IMPERIAL, CALIFORNIA DATE 10/15/18 DRAWN: A.A.
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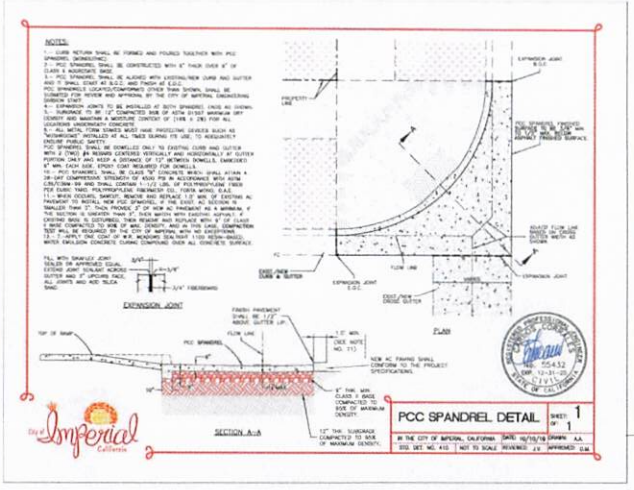


UTILITY TRENCH DETAIL SHEET 1 OF 1
 IN THE CITY OF IMPERIAL, CALIFORNIA DATE 10/15/18 DRAWN: A.A.
 SEE DET. NO. 513 NOT TO SCALE REVISION: 2, 3 APPROVED: S.A.

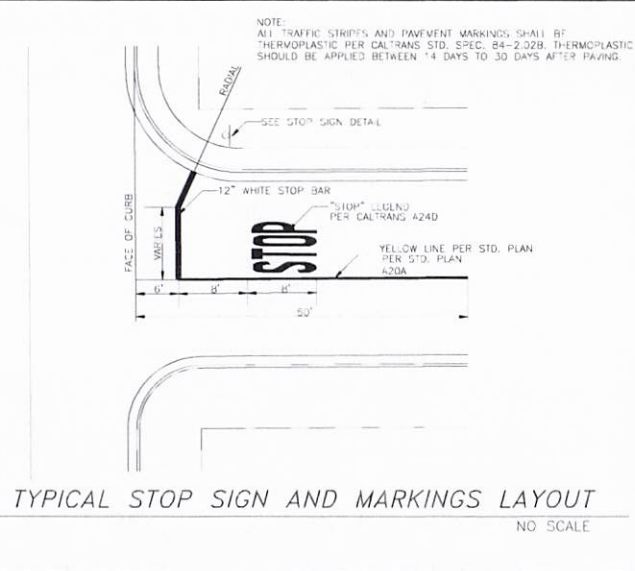
TYPICAL CONTINENTAL CROSSWALK MARKINGS



TYPICAL CONTINENTAL CROSSWALK MARKINGS SHEET 1 OF 1
 IN THE CITY OF IMPERIAL, CALIFORNIA DATE 10/15/18 DRAWN: A.A.
 SEE DET. NO. 500 NOT TO SCALE REVISION: 2, 3 APPROVED: S.A.



PCC SPANDREL DETAIL SHEET 1 OF 1
 IN THE CITY OF IMPERIAL, CALIFORNIA DATE 10/15/18 DRAWN: A.A.
 SEE DET. NO. 410 NOT TO SCALE REVISION: 2, 3 APPROVED: S.A.



TYPICAL STOP SIGN AND MARKINGS LAYOUT SHEET 1 OF 1
 IN THE CITY OF IMPERIAL, CALIFORNIA DATE 10/15/18 DRAWN: A.A.
 SEE DET. NO. 410 NOT TO SCALE REVISION: 2, 3 APPROVED: S.A.

NO.	REVISIONS	APPROVED	DATE

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COMMUNITY DEVELOPMENT DEPARTMENT	SHEET
7TH, 10TH & 14TH STREETS REHABILITATION PROJECT	26
BID No. 2024-01	OF 28 SHEETS
DETAILS SHEET	
DATE: 2024-04-03	

NO.	REVISIONS	DATE

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COMMUNITY DEVELOPMENT DEPARTMENT
7TH, 10TH & 14TH STREETS REHABILITATION PROJECT
 BID NO. 2024-01

SHEET **27**
 OF **28** SHEETS

DATE: 2024-04-03

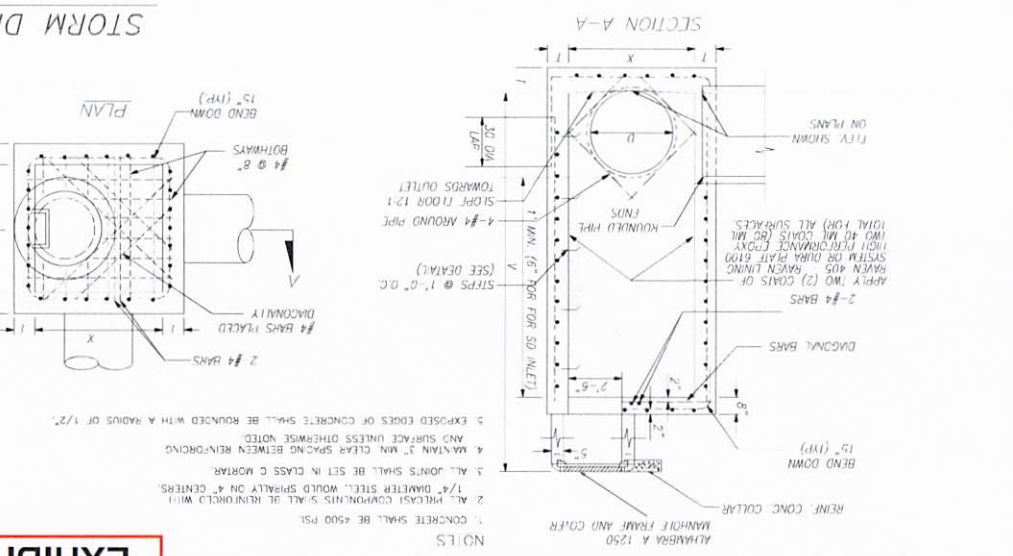
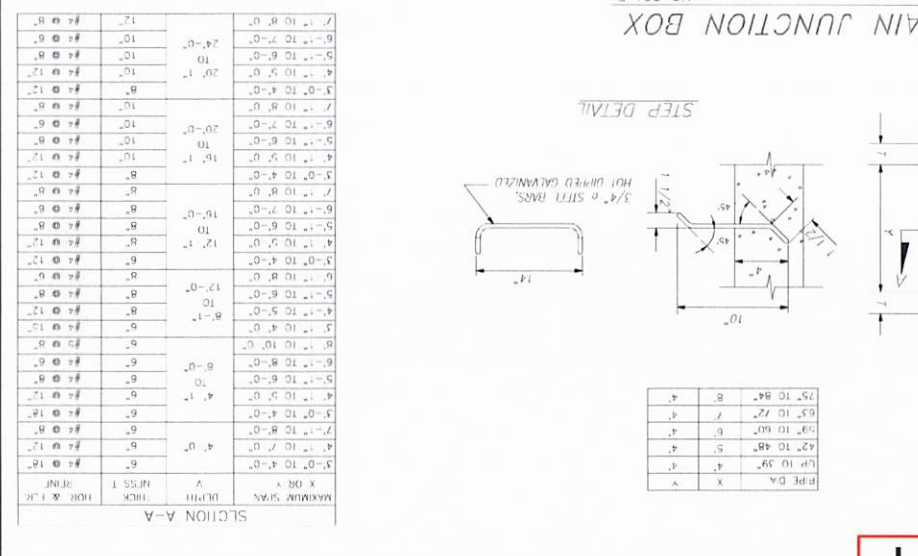
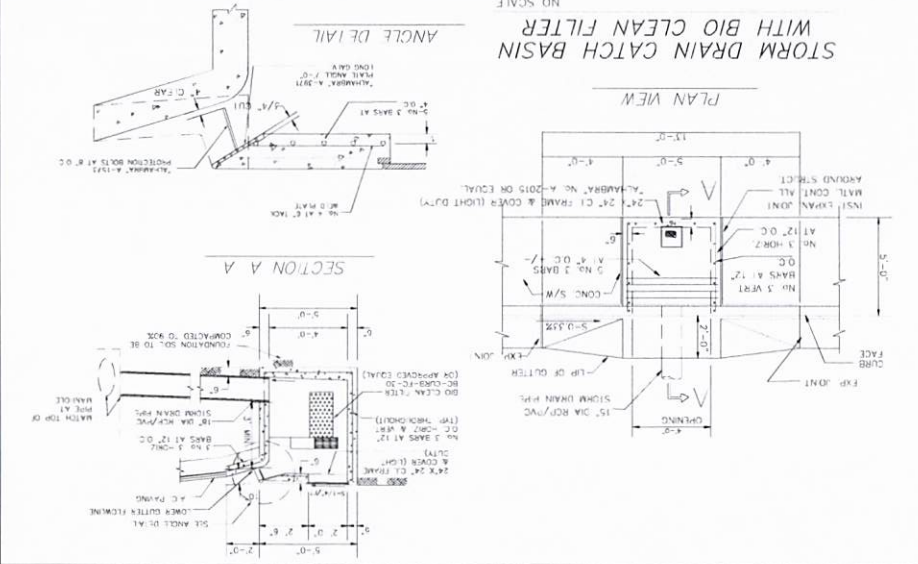
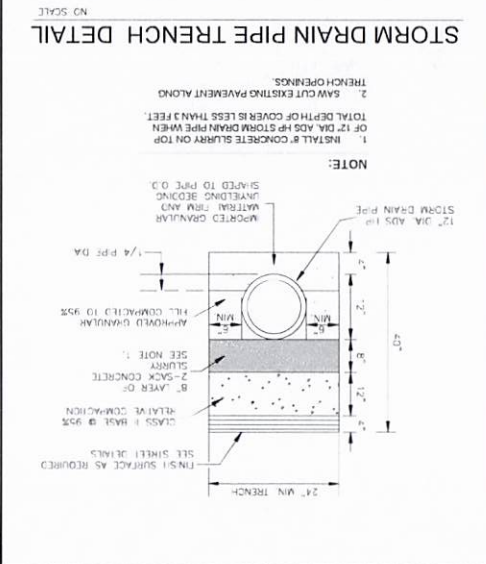
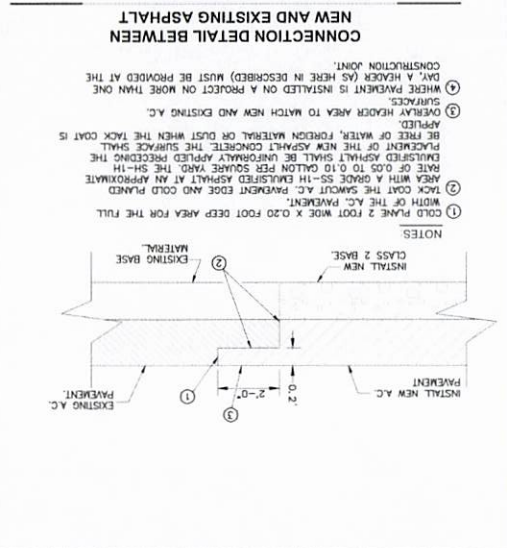


EXHIBIT 1

