

**Agenda Item
No.**

C-5

DATE SUBMITTED 03/12/2025
 SUBMITTED BY COMMUNITY DEVELOPMENT DIRECTOR
 DATE ACTION REQUIRED 03/19/2025

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. AUTHORIZE CHANGE ORDER #2 TO MITIGATE UNFORESEEN SERIOUS CONDITIONS OF VARIOUS CITY'S ESSENTIAL INFRASTRUCTURE COMPONENTS.	
DEPARTMENT INVOLVED: <u>COMMUNITY DEVELOPMENT DEPARTMENT</u>	
BACKGROUND/SUMMARY: Community Development Department was directed by City Council per Agenda Item CC02-07-24_B-2 to seek Bids for the Townsite Street Improvements Project. Thereafter, through a formal competitive Bid process, City Council awarded a contract to Rove Engineering, Inc. to complete the construction of said project per Agenda Item CC05-01-24_C-2. Since then, city staff have been working closely with Rove Engineering, Inc. to ensure both, the proper execution of the items included in the authorized Proposal Bid Sheet, and also find expeditious, efficient and affordable solutions for the many challenges that have arisen daily due to the advanced age of the existing infrastructure and components that are not listed in the City's records. This Change Order is taking care of unanticipated removal and replacement of sanitary sewer and water mains and its residential connections, as well as various adjustments of the existing infrastructure. For details, see attached Change Order #2 and its Exhibits A thru E.	
FISCAL IMPACT: a. \$1,270,275.18 from: CIP #850 ("H" Street Sewer Line) CIP #858 (Old Imperial Wastewater Lines) CIP #859 (Old Imperial Water Lines)	ADMIN SERVICES SIGN INITIALS <u>JMS</u>
STAFF RECOMMENDATION: Staff recommends City Council 1. AUTHORIZE CHANGE ORDER # 2 TO TAKE CARE OF UNANTICIPATED TASKS AS OUTLINED ABOVE.	DEPT. INITIALS <u>DM/DD</u>
MANAGER'S RECOMMENDATION: <u>approve</u>	CITY MANAGER'S INITIALS _____
MOTION: SECONDED: APPROVED () REJECTED () AYES: DISAPPROVED () DEFERRED () NAYES: ABSENT: REFERRED TO:	



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

CONSTRUCTION CHANGE ORDER

Distribution to:

03-12-2025

- OWNER
- ENGINEER
- CONTRACTOR
- FIELD
- OTHER

CHANGE ORDER NO. 2

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

TO: **ROVE Engineering, Inc.**
Steven Eugenio - President
398 E Aurora Drive
El Centro, CA 92243
Phone: +1 (760) 790-7705

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

Add the following new items:

- I. Unanticipated removal and replacement of 8-in sanitary sewer mains and its residential laterals.
 - i. Original scope of work only included the removal and replacement of sanitary sewer manholes within 7th, 10th & 14th Streets. During the installation of said manholes it was discovered that some of the adjacent sewer mains, installed long time ago using vitrified clay pipes (VCP), were in very poor conditions, some even already presenting cracks and fissures. After further inspections completed by City Staff and contractor, the situation was discussed among Community Development Department, Public Services Department and our contractor during our regular weekly construction progress. Then, it was decided to remove and replace the segment of sanitary sewer mains, as well as its residential laterals directly below the area being improved due to the high risk of this pipeline collapsing in the immediate future due to the programmed asphalt rehabilitation work of this project. See Exhibit "A" which illustrates the area.

The investment for this unforeseen task was agreed to be coming from Public Services Department's CIP #858, Old Imperial Wastewater Pipelines.

- ii. During the replacement of the sanitary sewer manhole at 14th St & "C" St intersection, the 8" Ø sanitary sewer main going north towards 15th St was discovered to be already damaged and had formed a "valley" (depressed section) causing a disruption and not letting the sewage flow freely towards the manhole. Due to immediate action was required to rectify this difficult situation, Community Development Department, Public Services Department and our contractor met at project site; the group concluded that said sewer main and its residential laterals had to be replaced expeditiously to avoid a crisis. See Exhibit "B" which illustrates the area.

The investment for this unforeseen task was agreed to be coming from Public Services Department's CIP #858, Old Imperial Wastewater Pipelines.

- iii. While removing and replacing the sanitary sewer manholes at 7th Street & "H" Street intersection, the section of sanitary sewer main along "H" Street going north up to Barioni Blvd was determined to be in serious conditions. Being said section of roadway part of the "Pavement Rehabilitation of Various Roads Project", the high risk of this pipeline collapsing in the near future due to the programmed asphalt rehabilitation forced City Staff to pay attention to this situation. Community Development Department, Public Services Department and our contractor met at project site for further inspection concluding that the repair should not wait any more due to its severity. To maximize the benefits of this additional work, the manhole located at Barioni Blvd and "H" St intersection was also removed and replaced. See Exhibit "C" which illustrates the area. As a consequence of the emergency triggered by the deterioration found in this segment of sanitary sewer main, which threatened to compromise the safety of our residents, this work was billed on a time and materials basis.

The investment for this unforeseen task was agreed to be coming from Public Services Department's CIP #858 (Old Imperial Wastewater Pipelines) #850 ("H" Street Sewer Line).

- a. See Exhibit "E" (Items 1, 2, 3 & 4) for Details _____ **\$ 1,152,575.18**

II. Before repaving S "H" St between W Barioni Blvd & W 7th St, as part of the "Pavement Rehabilitation of Various Roads Project", the existing waterline underneath is requested to be removed and replaced for minimizing the risk of failing while repaving, this is due to its old age and type of material.

The investment for this unforeseen task was agreed to be coming from Public Services Department's CIP #859 (Old Imperial Water Pipelines).

- b. See Exhibit "E" (Item 5) _____ **\$ 102,400.00**

IV. In anticipation of rehabilitating the asphalt roadway along "C" Street between 14th St and 15th St, per Exhibit "D", City Staff conducted a field inspection finding that some sections of Curb & Gutter are missing and, therefore should be constructed in advance. Placing Curb & Gutter is very important as is a key component for our streets to avoid premature erosion by protecting pavement edges and ensuring proper drainage by guiding water into storm drains.

Curb and Gutter is a contract item included in the Proposal Bid Sheet for this project, therefore, the cost has been calculated based on using that contractual unit cost.

c. See Exhibit "E" (Cost Breakdown - Item 6) _____ **\$ 15,300.00**

Total Amount for Change Order #4 (a, b & c): **\$1,270,275.18**

Original Contract: ___\$4,230,912.10 (+25% Contingency per agenda item CC05-01-24_Item-C1)
Add per C.O. #1: ___\$1,280,000.00 Approved Per Agenda Item CC06-27-24_Item-C4
CIP #833 (14th St Water Pipeline Replace)

Add per C.O. #2: ___ **\$ 1,270,275.18** To be paid as follows:
CIP #858 (Old Imperial Wastewater Lines = \$3,000,000)
CIP #859 (Old Imperial Water Lines = \$2,000,000)
CIP #850 ("H" Street Sewer Line = \$250,000)

New Contract Amount _____ **= \$ 6,781,187.28**

Attachments:

- Exhibit A – Sewer Lines Intersections Extensions
- Exhibit B – N "C" St Sewer Line Replacement
- Exhibit C – S "H" St Sewer Line Replacement
- Exhibit D – Proposed New Curb and Gutter along North "C" Street
- Exhibit E – Cost Breakdown

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:

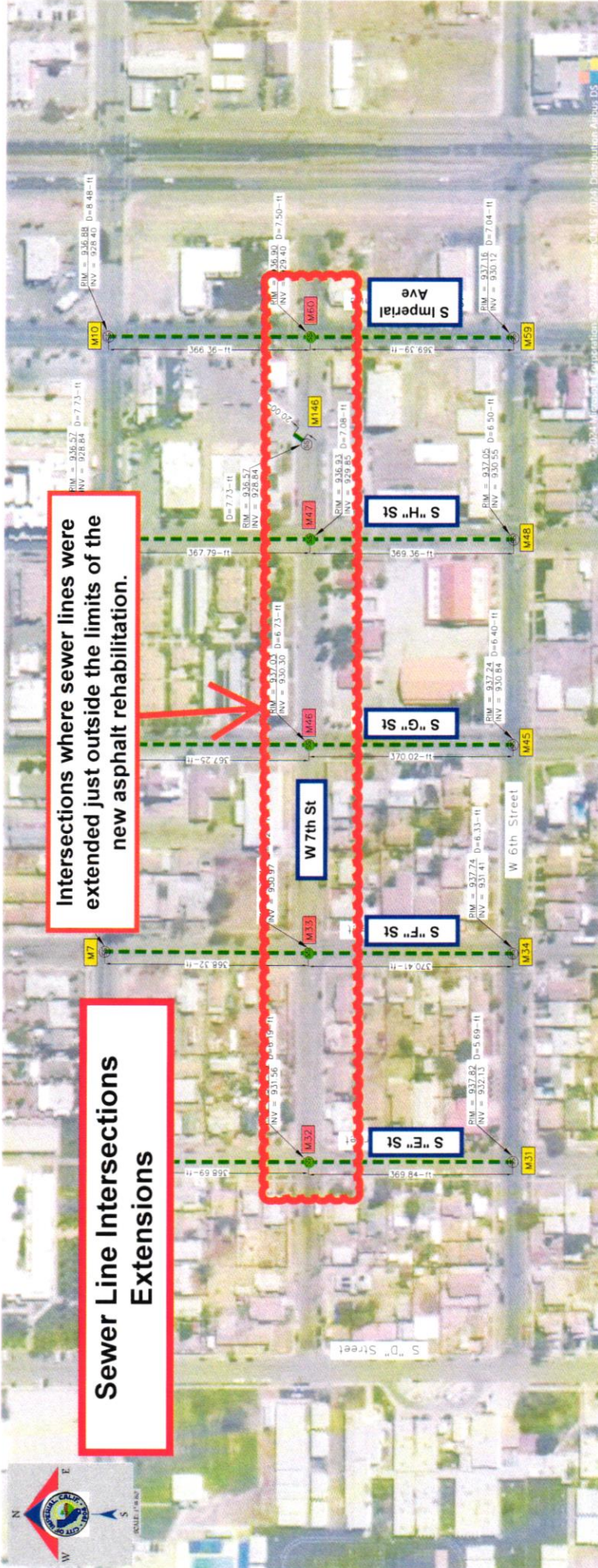
Dennis Morita
City Manager

ROVE Engineering, Inc.
398 E Aurora Drive
El Centro, CA 92243

By:

Date:

Steven Eugenio
President



Intersections where sewer lines were extended just outside the limits of the new asphalt rehabilitation.

Sewer Line Intersections Extensions

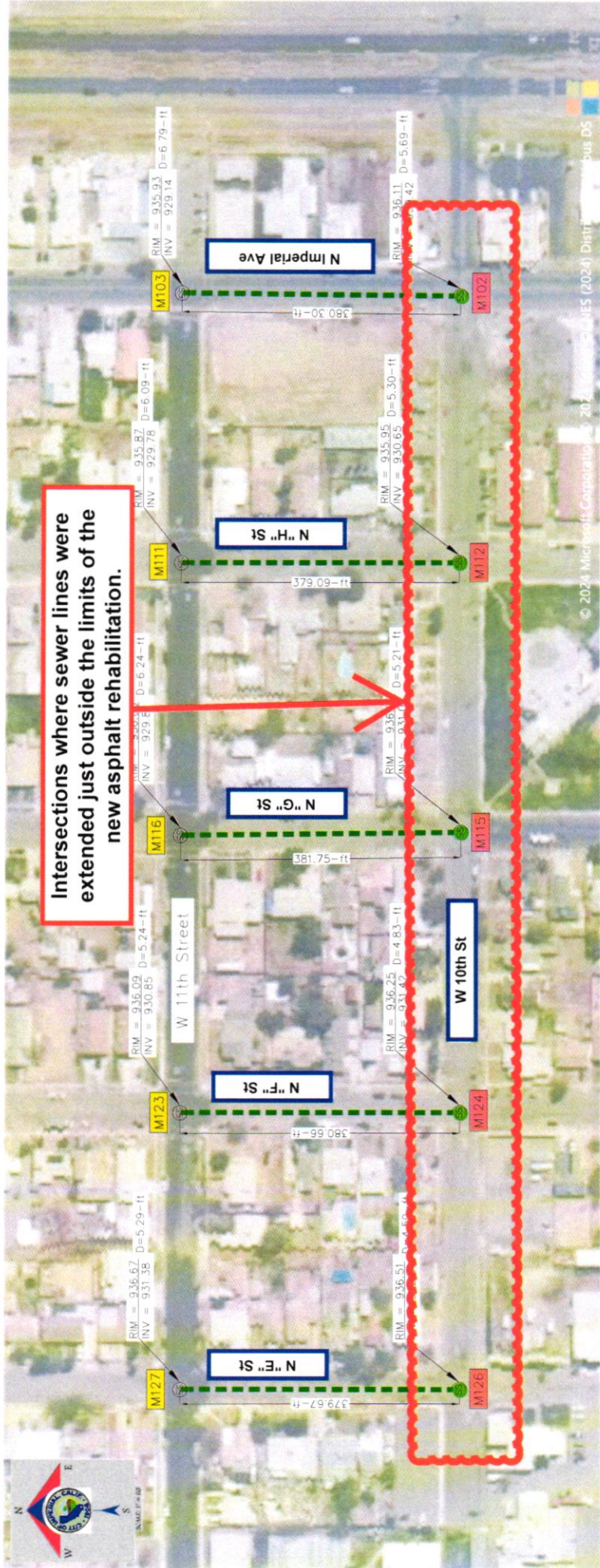
- SS = Sanitary Sewer Manhole/Not included in original scope of project
- SS = Sanitary Sewer Manhole/Included in original scope of project
- CO-XX = Existing Clean-Out ID Number
- MXXX = Existing Manhole ID Number
- RM = TOP OF RM ELEV.
- INV = INVERT ELEVATION
- D = DIFFERENCE BETWEEN RM AND INV ELEV. (IN FT)
- W 15th Street = Street Name
- XXXX = Manhole to Remain (5)
- XXXX = Existing Manhole to be Removed and Replaced (1)

SHEET 1 OF 3
7th Street

EXHIBIT A

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





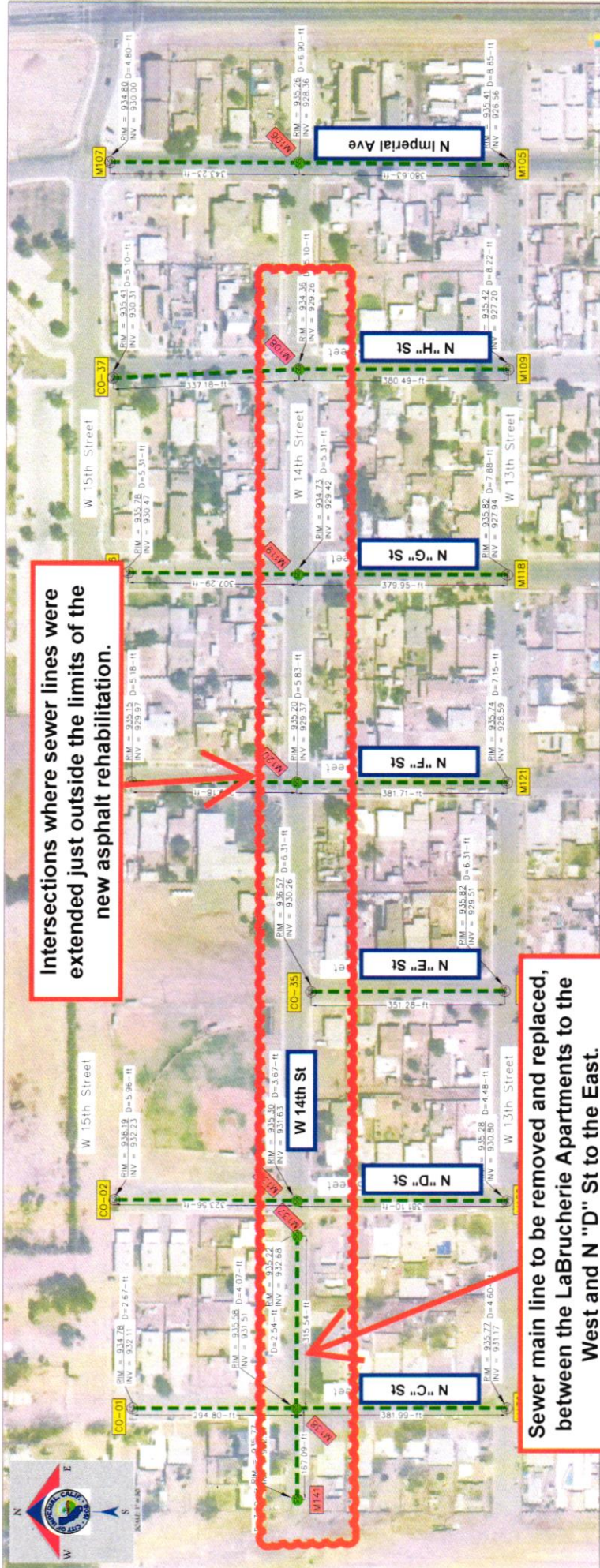
- ⊙ = Sanitary Sewer Manhole/Not included in original scope of project
 - = Sanitary Sewer Manhole/Included in original scope of project
 - CO-XX = Existing Clean-Out ID Number
 - MXXX = Existing Manhole ID Number
 - RIM = TOP OF RIM ELEV.
 - INV = INVERT ELEVATION
 - D = DIFFERENCE BETWEEN RIM AND INV ELEV. (IN FT)
- W 15th Street = Street Name
- XXXX = Manhole to Remain (5)
 - XXXX = Existing Manhole to be Removed and Replaced (5)

SHEET 2 OF 3
10th Street

EXHIBIT A

CITY OF IMPERIAL
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Intersections where sewer lines were extended just outside the limits of the new asphalt rehabilitation.

Sewer main line to be removed and replaced, between the LaBrucherie Apartments to the West and N "D" St to the East.

SHEET 3 OF 3
14th Street

EXHIBIT A

CITY OF IMPERIAL
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- = Sanitary Sewer Manhole/Not included in original scope of project
- = Sanitary Sewer Manhole/Included in original scope of project
- CO-XX = Existing Clean-Out ID Number
- MXXX = Existing Manhole ID Number
- RM = TOP OF RIM ELEV.
- INV = INVERT ELEVATION
- D = DIFFERENCE BETWEEN RIM AND INV ELEV. (IN FT.)
- W 15th Street = Street Name
- XXXX = Manhole to Remain (R)
- XXXX = Existing Manhole to be Removed and Replaced (14)



EXHIBIT "B"

N "C" St Sewer Line Replacement

Proposed Cleanout to be replaced.

Sewer Lateral Services (Approx.) = 8

Sewer Manhole already replaced as part of the original scope of work.

Sewer main line to be removed and replaced due to the bad conditions noticed during the construction project. Pipe was collapsed and sewage was unable to flow to the Manhole at W 14th St and N "C" St.

W 15th Street

Irving Park

W 14th Street

RIM = 934.78
INV = 932.11

RIM = 935.58
INV = 931.51

D = 4.07 - ft

20-01

294.80 - ft

M138

- Sanitary Sewer Manhole/Not included in original scope of project
- Sanitary Sewer Manhole/Included in original scope of project
- Existing Clean-Out ID Number
- Existing Manhole ID Number
- W 15th Street = Street Name
- XXXX = Manhole to Remain (1)
- XXXXX = Existing Cleanout to be Removed and Replaced (1)

RIM = TOP OF RIM ELEV. D = DIFFERENCE BETWEEN RIM AND INV ELEV. (IN FT)
INV = INVERT ELEVATION

N "C" St between 14th Street & 15th Street

NO. REVISIONS		APPROVED DATE	COMMUNITY DEVELOPMENT DEPARTMENT	SHEET
			7TH, 10TH & 14TH STREETS REHABILITATION PROJECT	1
			BID No. 2024-01	OF
			7TH STREET - SEWER LINE REPLACEMENT	1
			BETWEEN SOUTH "D" STREET & OLD SR-86	SHEETS
			DATE: 2024-10-24	

CITY OF IMPERIAL

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Imperial, CA 92251
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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 engineer of these plans.



EXHIBIT "C"

S "H" St Sewer Line Replacement

Sewer Lateral Services
(Approx.) = 4

RIM = 936.57
INV = 928.84
D = 7.73 - ft

W Barioni

Sewer main line to be removed and replaced due to the bad conditions noticed during the construction project. The scope of the Public Services' "Various Roads Rehabilitation Project" included this segment of street, and per Public Services direction, the road rehabilitation was halted to repair the sewer line and manhole before repairing the road.

S Imperia

W 7th Street

RIM = 936.93
INV = 929.85
D = 7.08 - ft

M9

S "H" Street

M47

367.79 - ft

- Sanitary Sewer Manhole/Not included in original scope of project
- Sanitary Sewer Manhole/Included in original scope of project
- Existing Clean-Out ID Number
- Existing Manhole ID Number
- W 15th Street
- Street Name
- XXXX = Manhole to Remain (1)
- XXXX = Existing Manhole to be Removed and Replaced (1)

RIM = TOP OF RIM ELEV. (IN FT)
INV = INVERT ELEVATION (IN FT)

S "H" St between 7th Street & Barioni Blvd.



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COMMUNITY DEVELOPMENT DEPARTMENT	SHEET
7TH, 10TH & 14TH STREETS REHABILITATION PROJECT	1
BID No. 2024-01	
7TH STREET - SEWER LINE REPLACEMENT	
BETWEEN SOUTH "D" STREET & OLD SR-86	
DATE: 2024-09-24	OF 1 SHEETS

NO.	REVISIONS	APPROVED	DATE

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EXHIBIT "D"

Proposed New Curb and Gutter along North "C" Street
7th, 10th & 14th St Rehab Project

Morningstar
Apartments
(Labrucherie
Apartments)

West 15th Street



North "C" Street

295.00-FT

155.00-FT

Proposed new 450-ft
of P.C.C. Curb &
Gutter along N "C" St.

West 14th Street





EXHIBIT E

7th, 10th & 14th Street Rehabilitation Project

Contractor: Rove Engineering, Inc.

BID 2024-01

Change Order #4 Cost Breakdown

Additional Quantities of Contract Items					
Item No.	Description	Unit	Quantities	Unit Price	Total
1.a	T&M October and November	LS	1	\$ 456,776.54	\$ 456,776.54
2.a	T&M December	LS	1	\$ 234,843.58	\$ 234,843.58
3.a	T&M January (Placeholder Value)	LS	1	\$ 455,847.00	\$ 455,847.00
4.a	T&M (Materials Only)	LS	1	\$ 5,108.06	\$ 5,108.06
5.b	Waterline Replacement along S "H" St between W 7th St and W Barioni St	LS	1	\$ 102,400.00	\$ 102,400.00
6.c	P.C.C. Curb & Gutter (Per Proposal Bid Sheet Item No. 15)	LF	450.00	\$ 34.00	\$ 15,300.00

Total Cost of Additional Line Items = **\$ 1,270,275.18**