

COB - BOSAIR FORM

09/03/2025 2:26 PM (MST)

Submitted by Olivia.Canez@pima.gov



Welcome to the [Board of Supervisors Agenda Item Report \(BOSAIR\)](#) Form.

This form is used to submit agenda items for Board of Supervisors consideration, including contracts, awards, grants, amendments, and other official actions.

All fields are required. Enter N/A if not applicable. For number fields, enter 0 if not applicable.

Record Number: PO WW PO2500027601

Award Type: Contract

Requested Board Meeting Date: 10/14/2025

Signature Only:

NO

Procurement Director Award / Delegated Award: • N/A

Supplier / Customer / Grantor / Subrecipient: The State of Arizona

Project Title / Description: Arizona Department of Transportation Utility and Railroad Engineering Section Utility Agreement (No. 3877-25-PCRWRD) between The State of Arizona and Pima County. I-19, Irvington Road Traffic Interchange.

Purpose: To enable the Arizona Department of Transportation to complete a highway project. In order to complete the project, it is necessary for the RWRD (Utility) to Relocate existing Utility facilities belonging to the Utility.

Procurement Method: N/A

Program Goals/Predicted Outcomes: The ADOT contractor will relocate an 8-inch VCP sanitary sewer along the south side of Irvington Road which conflicts with the ADOT project construction. The sanitary sewer will be relocated to the north, adjacent to the ADOT right-of-way along the northbound on-ramp. The existing 8-inch VCP sanitary sewer crossing Interstate 19, south of the Irvington Bridge will be abandoned in place.

Public Benefit and Impact: Increased capacity or improvement in the Utility's facility.

Budget Pillar • Critical infrastructure & economic growth

Support of Prosperity Initiative: N/A

Provide information that explains how this activity supports the selected Prosperity Initiative N/A

Metrics Available to Measure Performance: Relocation of 8-inch VCP sanitary sewer.

TO: COB, 9-14-25(1)
vers: 0
pgs: 24

SEP15'25AM1157PD

Retroactive:

NO

Contract / Award Information

Record Number: PO WW PO2500027601

Document Type: PO

Department Code: WW

Contract Number: PO2500027601

Commencement Date: 10/14/2025

Termination Date: 10/14/2035

Total Expense Amount:

\$504,155.00

Total Revenue Amount:

\$0.00

Funding Source Name(s) Required: RWRD Enterprise Fund

Funding from General Fund?

NO

Contract is fully or partially funded with Federal Funds?

NO

Were insurance or indemnity clauses modified?

NO

Vendor is using a Social Security Number?

NO

Department: WW

Name:

Jaime Rivera

Telephone: 5207249841

Department Director Signature: _____

Date: 9/10/25

Deputy County Administrator Signature: _____

Date: 9/11/2025

County Administrator Signature: _____

Date: 9/11/2025

ARIZONA DEPARTMENT OF TRANSPORTATION

UTILITY AND RAILROAD ENGINEERING SECTION

UTILITY AGREEMENT

Between

THE STATE OF ARIZONA

and

PIMA COUNTY

| | |
|---------------|--|
| Agreement No. | 3877-25-PCRWRD |
| TRACS No. | 019 PM 060 F0488 01C |
| PROJECT NO. | NHPP-019-A(243)T |
| HIGHWAY: | INTERSTATE 19 |
| Location: | I-19, IRVINGTON ROAD TRAFFIC INTERCHANGE (TI) |

THIS AGREEMENT is made between the STATE OF ARIZONA, acting through its DEPARTMENT OF TRANSPORTATION, and Pima County, acting for its Regional Wastewater Reclamation Department. All lettered exhibits are incorporated and made a part of this agreement by reference and attachment regardless of designation or alphabetical order.

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Exhibit "A": Cost Estimate

Exhibit "B": Plans for Relocation

I. RECITALS

The purpose of this agreement is to enable the Arizona Department of Transportation to complete a highway project. In order to complete this project, it is necessary for the UTILITY to RELOCATE existing UTILITY facilities belonging to the UTILITY.

The Pima County Regional Wastewater Reclamation Department facilities to be relocated do not have PRIOR RIGHTS.

The ADOT contractor will RELOCATE an 8 inch VCP sanitary sewer along the south side of Irvington road which conflicts with the project construction. The sanitary sewer will be relocated to the north, adjacent to the ADOT right-of-way along the northbound on-ramp. The existing 8 inch VCP sanitary sewer crossing Interstate 19, south of the Irvington Bridge will be abandoned in place.

The relocation work is as shown in Exhibit B. The total cost and payment responsibility for construction work is set forth in Exhibit A.

II. DEFINITIONS

- A. ADOT means THE ARIZONA DEPARTMENT OF TRANSPORTATION.
- B. ADOT EMERGENCY means a utility failure, which affects the safety of the motorist or the highway.
- C. AGREEMENT means this specific agreement and all attachments incorporated by reference.
- D. A.R.S. means Arizona Revised Statutes.
- E. BETTERMENT means increased capacity or improvement in the UTILITY's facility.
- F. CONSTRUCTION PROJECT NO. means the roadway construction project number utilized for ADOT construction PROJECT, which is NHPP-019-A(243)T.
- G. CONSTRUCTION TRACS NO. means the roadway construction Accounting number utilized for ADOT construction PROJECT, which is 019 PM 060 F0488 01C.
- H. CONTROLLED ACCESS means locations where owners or occupants of abutting lands and other persons have no legal right of access, e.g., freeway lanes and freeway ramps.
- I. DOCUSIGN means the electronic service used for all signatures to this agreement. The DOCUSIGN tracking will be made a part of this agreement by merging the files.
- J. MUTCD means the "Manual on Uniform Traffic Control Devices" and any amendments and/or revisions thereto.
- K. PRIOR RIGHTS means rights associated with one party's use or occupancy of land, or with the facilities located on such land, that are, because of priority in time or other reasons, superior to the rights of the other party.
- L. PROJECT means this ADOT roadway construction project.
- M. RELOCATE or RELOCATION means to move or adjust a UTILITY facility to avoid conflict with PROJECT construction.
- N. RELOCATED FACILITIES means the facilities so moved or adjusted.
- O. UTILITY means Pima County, specifically the Pima County Regional Wastewater Reclamation Department.
- P. UTILITY EMERGENCY means any failure or condition affecting UTILITY's relocated facilities that has a substantial effect on UTILITY's functions and requires immediate action to remedy the failure or condition.

- Q. WORK means engineering, design, preparation of plans, specifications, construction labor, materials and equipment called for in the AGREEMENT, including approved changes in scope.
- R. WORKING DAY means a calendar day, exclusive of Saturdays, Sundays and ADOT recognized holidays, on which weather conditions will permit the UTILITY construction operations to proceed for a major part of the day with the normal working force.

III. AGREEMENT

A. Construction Requirements

The UTILITY shall furnish all necessary engineering, design, plans, specifications, covering the RELOCATION of and/or adjustments to its existing facilities in accordance with the UTILITY plans marked EXHIBIT "B".

1. ADOT to Provide for the Construction of Facilities

ADOT will provide in its contract with ADOT contractor to RELOCATE UTILITY's non-prior right facilities and/or construct betterments.

2. Maintenance

Maintenance operations and associated costs for the UTILITY facilities covered by the AGREEMENT will be the responsibility of the UTILITY.

B. Transfer of Land Interests

Since the UTILITY does not have PRIOR RIGHTS no land interests are transferred.

C. Permit

The UTILITY will obtain a permit from ADOT and will provide applicable insurance for those facilities remaining within the highway right-of-way or for any work proposed within ADOT's right-of-way of the PROJECT.

1. Normal Permit for Non-Prior Rights Facilities

ADOT will grant to the UTILITY a normal permit for non-prior rights facilities remaining within the highway right-of-way.

2. Joint Occupancy

The UTILITY understands ADOT's and all of its agents' right to construct, maintain, and operate highway facilities over/under the UTILITY facilities within the highway Right-of-Way. ADOT retains the right to permit other occupancies.

D. Traffic

The UTILITY shall not maintain, construct, reconstruct, inspect or operate any of its facilities from highway traffic lanes or ramps within the CONTROLLED ACCESS right-of-way. In case of an ADOT EMERGENCY involving UTILITY's facilities, UTILITY shall have reasonable use of the roadway notwithstanding the foregoing restriction. In case of a UTILITY EMERGENCY, UTILITY shall have use of ADOT right of way outside the highway traffic lanes or ramps as it reasonably deems necessary to correct, repair, replace or reconstruct facilities affected by the UTILITY EMERGENCY. The UTILITY shall, as soon as practical during any ADOT EMERGENCY or UTILITY EMERGENCY repairs, provide appropriate safety devices to protect the highway user as set forth in the MUTCD (Including all official changes thereto), for all work within ADOT right of way.

E. Start/Completion Date

The RELOCATION will be accomplished during the PROJECT construction by ADOT.

F. Subcontracting

The RELOCATION will be performed by ADOT's contractor and/or subcontractor.

G. Blue Stake

For WORK performed by ADOT's contractor for the PROJECT, it is understood that ADOT is acting as a third party on behalf of the UTILITY, administering the construction of UTILITY's facilities. At no time is ADOT to be considered the owner of, or locator for, the UTILITY's facilities. ADOT's contractor for the PROJECT shall locate any underground facilities installed by ADOT's contractor (or subcontractor of any tier) for ADOT's PROJECT as prescribed by A.R.S. 40-360.21 through 40-360.32, until (i) the PROJECT is accepted by ADOT and ADOT has given UTILITY one month's prior notice or (ii) until the time the facility is tested and placed into service by UTILITY, at which time (whichever is earlier) UTILITY shall assume Blue Staking responsibility. The transfer of Blue Stake responsibility to UTILITY shall not affect UTILITY's rights to inspect the RELOCATED FACILITIES, to require correction of any defects, or any other rights under this AGREEMENT.

H. Acceptance Date

The acceptance date of this AGREEMENT shall be the day which the last party executes the AGREEMENT.

IV. SCHEDULES AND PAYMENTS

A. UTILITY CONSTRUCTION Schedule

Any service connections and system startup is the UTILITY's responsibility and will accommodate the PROJECT construction schedule.

B. Payments

The UTILITY will be responsible for the cost of RELOCATION and BETTERMENT and any WORK performed by ADOT for non-PRIOR RIGHTS facilities and/or BETTERMENT facilities. The UTILITY shall pay ADOT's total cost of performing work for the UTILITY. It is agreed that the total cost shall consist of the actual amount paid to ADOT's consultant/contractor for performing any design or construction WORK, all costs will be subject to 25% to cover ADOT's cost of construction engineering, inspection and administration. The estimated total cost for RELOCATION and/or BETTERMENT is set forth in EXHIBIT "A".

1. Changes in Scope of Work

In the event conditions or circumstances require a change in the scope of work on the RELOCATION and/or BETTERMENT as set forth in EXHIBIT "B", each party shall agree in writing to the changes, including payment responsibilities prior to doing the work.

2. Submission of Invoices

Following completion of the PROJECT, ADOT will determine the final total cost. If ADOT's final total cost differs from the estimated amount previously paid by the UTILITY, ADOT will refund the amount of overpayment, or will invoice the UTILITY for the additional amount due. ADOT will make any such refund within ninety (90) calendar days after completion of the project.

3. Payment of Invoices

The UTILITY shall attach payment in the amount of the estimated total cost as set forth in EXHIBIT "A" when it returns this AGREEMENT to ADOT for final execution. The UTILITY agrees to pay ADOT the additional amount due within ninety (90) days of receipt of the final invoice.

4. Reimbursements

Not Applicable.

V. LIABILITY

ADOT and the UTILITY each agree to be liable to the other party for its own acts of negligence and the negligence of its own employees.

VI. STATUTORILY MANDATED TERMS

A. Arbitration

The parties shall use arbitration after exhausting applicable administrative remedies to resolve disputes arising out of this AGREEMENT where the sole relief sought is monetary damages of \$100,000 or less exclusive of interest and costs, as provided in A.R.S. § 12-1518.

B. Budget Limitations

This AGREEMENT is subject to the provisions of Chapter 1 of Title 35, Arizona Revised Statutes.

C. Executive order 75-5 and 2009-9

The UTILITY shall comply with all applicable provisions of Executive Order 75-5 and 2009-9, "Non-Discrimination in Employment by Government Contractors and Subcontractors".

D. Cancellation by Governor

All parties hereby are put on notice that this AGREEMENT is subject to cancellation by the Governor pursuant to A.R.S. § 38-511.

VII. MISCELLANEOUS CONDITIONS

A. Communication for this AGREEMENT

Communication required to be given pursuant to this AGREEMENT shall be:

Arizona Department Of Transportation
Utility and Railroad Engineering Section
Attn.: Engineer - Manager
205 South 17th Avenue, Mail Drop 618E
Phoenix, AZ 85007
FAX: (602) 712-3229

Pima County Regional Wastewater Reclamation Dept.
Attn: Jaime Rivera
Deputy Director, Engineering
201 N. Stone Ave, 3rd Floor
Tucson, AZ 85701
(520) 724-9841
Jaime.Rivera@pima.gov

B. AGREEMENT Content and Modification

This AGREEMENT, including any schedules, exhibits or attachments hereto, constitutes the entire agreement between the parties, and no understanding or obligation not expressly set forth herein shall be binding upon them. No modification, amendment or alteration of this AGREEMENT shall be valid unless it is in writing and signed by both parties.

C. Laws

This AGREEMENT shall be governed by the laws of the State of Arizona.

D. Breach of AGREEMENT

The waiver by either party of any breach or failure to provide full performance under any of the terms or conditions of this AGREEMENT shall not be construed as a waiver of any other term or condition, or of any subsequent breach of the same or any other term or condition.

E. Records Retention and Audit

Not Applicable.

IN WITNESS WHEREOF, the parties hereto have executed this AGREEMENT.

ARIZONA DEPARTMENT OF TRANSPORTATION - JENNIFER TOTH, DIRECTOR

By: _____
Victoria Bever, Utility & Railroad Engineering Manager

Date: _____

PIMA COUNTY

APPROVED:

Rex Scott, Chairman, Pima County Board of Supervisors

Date: _____

APPROVED:

Melissa Manriquez, Clerk of the Board

Date: _____

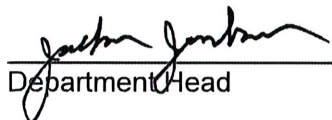
APPROVED AS TO FORM



Cindy Nguyen, Deputy County Attorney

Date: 8/27/25

APPROVED AS TO CONTENT



Department Head

Date: 8/27/2025

EXHIBIT A
I19 IRVINGTON ROAD (TI)
019 PM 060 H0488 01C
COST ESTIMATE
AGREEMENT NO. 3877-25-PCRWRD

SUMMARY ESTIMATED COST

| | |
|---|------------|
| Estimated ADOT Construction Costs for No Prior Rights | \$ 403,324 |
|---|------------|

| | |
|---|------------|
| 25% Construction Engineering, Inspection and Administration | \$ 100,831 |
|---|------------|

| | |
|---|------------|
| Total Estimated Construction Costs paid by PCRWRD | \$ 504,155 |
|---|------------|

| | |
|------------------------------|-------------------|
| PCRWRD Total Due ADOT | \$ 504,155 |
|------------------------------|-------------------|

| ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY | UNIT PRICE | AMOUNT |
|--|--|--------|----------|-------------|--------------|
| PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPT. (PCRWRD) RELOCATION: NON-FEDERAL-AID (NFA) / NON-PRIOR RIGHTS (NPR) | | | | | |
| ITEM NO. | ITEM DESCRIPTION | UNIT | QUANTITY | UNIT PRICE | TOTAL |
| 2020042 | REMOVAL OF PIPE (GRAVITY SEWER) | L.FT. | 644 | \$28.00 | \$18,032.00 |
| 2020117 | REMOVE (SEWER MANHOLE) | EACH | 3 | \$3,000.00 | \$9,000.00 |
| 7010003 | MAINTENANCE AND PROTECTION OF TRAFFIC (SEWER MODIFICATIONS FIXED AMOUNT) | L.SUM | 1 | \$26,000.00 | \$26,000.00 |
| 8090188 | SEWER PIPE (8" PVC) (SDR 35) | L.FT. | 632 | \$205.00 | \$129,560.00 |
| 8091111 | MANHOLE, SANITARY SEWER, 4' DIA. | EACH | 6 | \$14,000.00 | \$84,000.00 |
| 8102000 | EROSION CONTROL (SEWER MODIFICATIONS FIXED AMOUNT) | L.SUM | 1 | \$6,500.00 | \$6,500.00 |
| 9010001 | MOBILIZATION (SEWER MODIFICATIONS FIXED AMOUNT) | L.SUM | 1 | \$32,400.00 | \$32,400.00 |
| 9030102 | FENCE GATE, TYPE 1, DOUBLE | EACH | 2 | \$2,400.00 | \$4,800.00 |
| 9240051 | MISCELLANEOUS WORK (SEWER MANHOLE CONCRETE CAP) | L.SUM | 1 | \$8,000.00 | \$8,000.00 |
| 9240054 | MISCELLANEOUS WORK (SANITARY SEWER FLOW MANAGEMENT PLAN #1) | L.SUM | 1 | \$35,000.00 | \$35,000.00 |
| 9240162 | MISCELLANEOUS WORK (ABANDON AND GROUT, 8" PIPE) | L.FT. | 490 | \$60.00 | \$29,400.00 |
| 9240170 | CONTRACTOR QUALITY CONTROL (SEWER MODIFICATIONS FIXED AMOUNT) | L.SUM | 1 | \$3,300.00 | \$3,300.00 |
| 9240171 | MISCELLANEOUS WORK (ABANDONMENT MONUMENT PER RWRD STD DET 503) | EACH | 2 | \$1,000.00 | \$2,000.00 |
| 9240191 | MISCELLANEOUS WORK (GRADING AND SURFACE PREP FOR ACCESS PATH) | SQ.YD. | 736 | \$12.00 | \$8,832.00 |
| 9250001 | CONSTRUCTION SURVEYING AND LAYOUT (SEWER MODIFICATIONS FIXED AMOUNT) | L.SUM | 1 | \$6,500.00 | \$6,500.00 |
| | | | | | |
| | PCRWRD NFA/NPR RELOCATION SUBTOTAL | L.SUM | 1 | | \$403,324 |

Agreement 3877-25-PCRWRD
Exhibit A

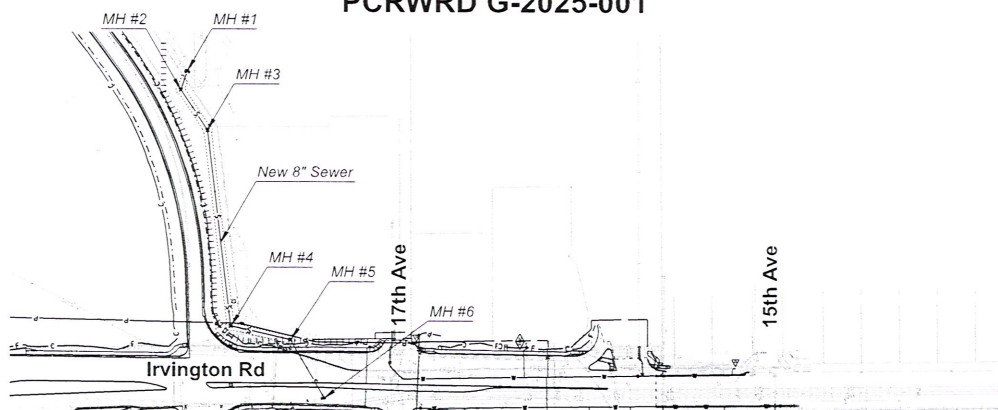
EXHIBIT B
I19 IRVINGTON ROAD (TI)
019 PM 060 H0488 01C

AGREEMENT NO. 3877-25-PCRWRD

CONSTRUCTION PLANS

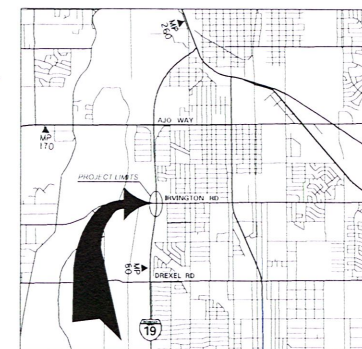


IRVINGTON ROAD GRAVITY SEWER MODIFICATION PLANS
I-19 AND IRVINGTON ROAD
PCRWRD G-2025-001



VICINITY MAP

1"=100'



LOCATION MAP

SEC. 35, 17, T 14S, R 13E
G & S R M, PIMA COUNTY, ARIZONA
LATITUDE 32°9'49.90" N
LONGITUDE 110°59'0.96" W
CITY OF TUCSON
3" = 1 MILE

INDEX OF SHEETS

| PAGE NO. | SHEET NO. | DESCRIPTION |
|----------|-----------------|---|
| X | U-5.01 | COVER SHEET |
| X-X | U-5.02 - U-5.03 | GENERAL NOTES |
| X | U-5.04 | SURVEY CONTROL SHEET |
| X-X | U-5.05 - U-5.06 | REMOVAL AND FRAME AND COVER ADJUSTMENT |
| X | U-5.07 | SEWER PLAN |
| X-X | U-5.08 - U-5.13 | PCWRD DETAIL SHEETS |
| X | U-5.14 | FLOW MANAGEMENT PLAN |

BOARD OF SUPERVISORS

| | | |
|------------|-------------------|------------|
| DISTRICT 1 | REX SCOTT | VICE CHAIR |
| DISTRICT 2 | DR. MATT HEINZ | MEMBER |
| DISTRICT 3 | DR. SYLVIA M. LEE | MEMBER |
| DISTRICT 4 | STEVE CHRISTY | MEMBER |
| DISTRICT 5 | ADELITA GRIJALVA | CHAIR |

PIMA COUNTY REGIONAL WASTEWATER
RECLAMATION DEPARTMENTARIZONA DEPARTMENT OF TRANSPORTATION
(For Sewer Locations in R/W ONLY)CITY OF TUCSON
(For Sewer Locations in R/W ONLY)

G-2025-001

UPC-2023-073

| | |
|--|------|
| As-Built Certificate | |
| <p>AS-BUILT:</p> <p>I hereby certify that the As-Built annotations provided on these drawings were based on an As-Built survey conducted under my supervision and accurately depict existing field conditions to the best of my knowledge and belief.</p> | |
| REGISTERED LAND SURVEYOR (ON K-E-S-I-P-E-P-E) | DATE |
| CONTACT INFORMATION | |

| UTILITY AND OTHER LISTINGS | |
|----------------------------|----------------|
| ORGANIZATION | PHONE NUMBER |
| TUCSON ELECTRIC POWER | (520) 918-8246 |
| COX CABLE | (520) 629-8511 |
| LUMEN | (520) 292-7555 |
| COMCAST | (520) /44-1900 |
| TUCSON WATER | (520) 791-2648 |
| COT DTM | (520) 724-6367 |
| SOUTHWEST GAS | (520) /94-6021 |

ACCEPTED BY:

PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT
DIRECTOR

JACKSON JENKINS
DATE

DEPUTY DIRECTOR, PLANNING AND ENGINEERING


JAIME RIVERA, PE DATE _____

DEPUTY DIRECTOR, CONVEYANCE

STEVE RICHEY DATE

PRELIMINARY
STAGE IV
Review
NOT FOR
CONSTRUCTION
OR RECORDING


| | | |
|---------|------|-------|
| | NAME | DATE |
| DESIGN | NT | 02/22 |
| DRAWN | CPG | 02/22 |
| CHECKED | HV | 02/22 |



WSP USA Inc.
 177 N. Church Avenue
 Suite 1100
 Tucson AZ 85701

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

IRVINGTON RD
SEWER MODIFICATION PLANS
COVER SHEET

| | | | | | | | | |
|---------------|------|---------------------------|---|-------------|----------------|-----------|--------------|--------------------|
| ISSUE NO. | 1-19 | F.H.W.A. Arizona Division | STATE | PROJECT NO. | FED/NAI ID NO. | SHEET NO. | TOTAL SHEETS | RECORD DRAWING NO. |
| NAI ID NO. | 60 | LOCATION | ARIZ. | 019 PM 060 | 019-A(243)T | 493 | | |
| STRUCTURE NO. | | TRACS NO. F0488 01C |  | | | | | QF |

G-2025-001

SEWER GENERAL NOTES

1. ALL COORDINATES LISTED ARE BASED ON GPS OBSERVATIONS, OF EXISTING MONUMENTATION SHOWN ON ARIZONA DEPARTMENT OF TRANSPORTATION PLANS, "BENCHMARK AND CONTROL POINT PLAN, I-19, AJO WAY (SR86) TP, TRACS NO. H8467 01C, PROJECT NO. 019-A(220)S, SIGNED 07/06/15, PREPARED BY ALPHA ENGINEERING, NAD1983 (1997 EPOCH) STATE PLANE GROUND COORDINATES ARIZONA CENTRAL ZONE, STANDARD TRANSVERSE MERCATOR PROJECTION, WITH A SCALE OF ORIGIN POINT OF X=0.000 Y=0.000, USING A GRID ADJUSTMENT FACTOR OF 1.00011669, THESE COORDINATES CAN BE UTILIZED AS GROUND DATUM, TO CONVERT BACK TO GRID COORDINATES, DIVIDE EACH COORDINATE VALUE BY 1.00011669.
2. THE VERTICAL DATUM IS NAVD88.
3. ALL DESIGN STANDARDS, MATERIALS AND WORKMANSHIP FOR PUBLIC SANITARY SEWERS SHALL BE IN ACCORDANCE WITH THE PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT (PCRWRD) ENGINEERING DESIGN STANDARDS 2022 (EDS 2022) WITH AND THE STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION 2022 (SSDC 2022), SAID DOCUMENTS ARE AVAILABLE THROUGH THE PCRWRD WEBSITE (www.pima.gov/wastewaterreclamation).
4. CONSTRUCTION LIMITS TO BE USED BY THE CONTRACTOR SHALL BE WITHIN THE RIGHT-OF-WAY & UTILITY EASEMENTS, THE CONTRACTOR, EXCEPT TO TRANSPORT EQUIPMENT & MATERIALS, SHALL CONFIN OPERATIONS TO WITHIN THESE LIMITS.
5. SEWER CONSTRUCTION SHALL NOT COMMENCE UNTIL: (A) THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (ADEQ) OR ITS DELEGATED AUTHORITY HAS ISSUED A CONSTRUCTION AUTHORIZATION FOR THIS PROJECT; (B) THE CONTRACTOR HAS OBTAINED A PCRWRD PUBLIC SEWER CONSTRUCTION PERMIT (CONTACT THE PCRWRD PERMITS SECTION AT (520) 724-6649 FOR PERMIT APPLICATION REQUIREMENTS); (C) THE CONTRACTOR'S FLOW MANAGEMENT PLAN HAS BEEN SUBMITTED THIRTY (30) CALENDAR DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING AND APPROVED BY PCRWRD FIELD ENGINEERING; AND (D) A PRE-CONSTRUCTION MEETING WITH THE ASSIGNED PIMA COUNTY PROJECT FIELD INSPECTOR OR SCHEDULED AT LEAST THREE (3) FULL BUSINESS DAYS PRIOR TO COMMENCING WITH SEWER CONSTRUCTION.
6. IMMEDIATELY REPORT ANY OF THE FOLLOWING TO THE PCRWRD OPERATIONS CONTROL CENTER (OCC) AT (520) 724-6500: ANY RELEASE OF SEWAGE, ANY DAMAGE TO THE PUBLIC SANITARY SEWER SYSTEM, OR THE DROPPING OF DEBRIS INTO A PUBLIC SANITARY SEWER MANHOLE. A PCRWRD REPRESENTATIVE WILL BE DISPATCHED TO THE SITE. THE CONTRACTOR SHALL TAKE IMMEDIATE ACTION TO CONTAIN A SANITARY SEWAGE OVERFLOW (SSO). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS TO REPAIR THE SYSTEM, MITIGATE THE RELEASE OF SEWAGE, DISINFECT THE RELEASE AREAS, AND ANY REGULATORY PENALTIES LEVIED ON PCRWRD FOR SEWAGE ENTERING A NATURAL DRAINAGE WAY OR STORM WATER DRAINAGE SYSTEM. THE CONTRACTOR SHALL REPAIR ALL DAMAGE AS DIRECTED AND APPROVED BY THE PCRWRD FIELD REPRESENTATIVE.
7. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) REGULATIONS AT ALL TIMES.
8. THE CONTRACTOR SHALL CONTACT "ARIZONA 811" (DIAL 1-800-782-5348) A MINIMUM OF TWO (2) BUSINESS DAYS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL KEEP ALL UNDERGROUND FACILITY LOCATION REQUESTS UP-TO-DATE AND COMPLY WITH ARIZONA REVISED STATUTES (A.R.S.), TITLE 40, CHAPTER 1, ARTICLE 6.3, SECTION 40-360.22, CONCERNS REGARDING THE ACCURACY BETWEEN THE UNDERGROUND FACILITY MARKINGS AND THE PROJECT PLANS SHALL BE IMMEDIATELY REPORTED TO THE DESIGN ENGINEER.
9. THE PCRWRD CONVEYANCE DIVISION SHALL BE NOTIFIED AT (520) 724-3400 A MINIMUM OF TWO (2) BUSINESS DAYS PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES THAT IMPACTS THE FLOW WITHIN A LIVE SANITARY SEWER SYSTEM OR INVOLVES CONNECTING TO A LIVE SANITARY SEWER. SEE PCRWRD SSDC 2022, SECTION 2 FOR MORE INFORMATION.

10. THE CONTRACTOR SHALL ADJUST OR RECONSTRUCT ALL SANITARY SEWER MANHOLES TO FINISHED GRADE. ALL FRAMES AND COVER ADJUSTMENTS SHALL BE IN ACCORDANCE WITH PCRWRD SSDC 2022, DETAIL NOS. RWRD 211, 212, 304 OR 305 (AS APPLICABLE). THE CONTRACTOR SHALL PROTECT THE BENCH AND FLOW CHANNELS WITH A COVER PER PCRWRD SSDC 2022, DETAIL NO. RWRD 306, PRIOR TO COMMENCING ANY WORK TO THE MANHOLE AND REMOVE THE COVER AFTER ALL WORK IS COMPLETED. THE CONTRACTOR SHALL ENSURE THAT FRAMES AND COVERS ARE CLEAN AND FREE FROM ANY AND ALL ATTACHED MATERIALS (ASPHALT, CONCRETE, ETC.) AND THAT ALL VENT HOLES ARE OPEN AND CLEAR OF OBSTRUCTIONS. AS APPROVED BY THE PCRWRD FIELD ENGINEER, EXISTING FRAMES AND/OR COVERS THAT ARE DAMAGED OR CANNOT BE COMPLETELY CLEANED SHALL BE REPLACED WITH A NEW FRAME AND COVER IN ACCORDANCE WITH PCRWRD SSDC 2022, DETAIL NO. RWRD 213 - 218. COSTS ASSOCIATED WITH EXISTING FRAMES AND COVERS THAT ARE LOST OR DAMAGED DUE TO THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
11. STORM WATER AND SEDIMENT CONTROL MEASURES SHALL BE PROPERLY INSTALLED TO PROTECT PCRWRD MANHOLES AT THE BEGINNING OF CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTANTLY MAINTAIN STORM WATER AND SEDIMENT CONTROL MEASURES THAT PROTECT PCRWRD FACILITIES UNDER ALL CONDITIONS FOR THE DURATION OF THE PROJECT. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR ALLOW STORM WATER, SEDIMENT, OR POTENTIAL POLLUTANTS FROM A CONSTRUCTION SITE TO ENTER A PCRWRD MANHOLE. THE CONTRACTOR SHALL ENSURE THAT THEIR FLOW MANAGEMENT OPERATIONS INCLUDE CONTROLS TO PREVENT ANY INTRODUCTION OF STORM WATER, SEDIMENT, OR POLLUTANTS INTO THE PUBLIC SANITARY SEWER SYSTEM. FAILURE TO CONFORM TO THESE REQUIREMENTS SHALL RESULT IN CANCELLATION OF THE SEWER CONSTRUCTION PERMIT.
12. SPECIAL CARE SHALL BE TAKEN TO ENSURE DESIGN SLOPES ARE MAINTAINED. SEWERS CONSTRUCTED AT INSUFFICIENT SLOPES WILL NOT BE ACCEPTED BY PCRWRD FIELD ENGINEERING AND/OR ADEQ. CORRECTIVE ACTION, INCLUDING RE-CONSTRUCTION OF THE SEWER(S), WILL BE AT THE SOLE EXPENSE OF THE PROJECT OWNER/CONTRACTOR.
13. WHERE CONNECTIONS TO EXISTING MANHOLES ARE TO BE MADE, THE CONTRACTOR SHALL CONSTRUCT NEW INVERTS IN THE EXISTING BASE TO SMOOTHLY DIRECT THE FLOW IN THE PROPER DIRECTION.
14. THE WORDS "PIMA COUNTY SANITARY SEWER" SHALL BE IMPRINTED ONLY ON COVERS OF MANHOLES WHICH ARE TO BE PART OF THE PIMA COUNTY REGIONAL WASTEWATER RECLAMATION (PUBLIC) SANITARY SEWER CONVEYANCE SYSTEM.
15. ALL DISTURBED AREAS SHALL BE REGARDED TO PROVIDE POSITIVE DRAINAGE PATTERNS. WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT WITH NO SEPARATE COMPENSATION PROVIDED.
16. NO REGULATORY FEMA FLOODPLAINS EXIST WITHIN THE PROJECT LIMITS. THE PROJECT IS LOCATED ENTIRELY WITHIN ZONE X.
17. SEE SHEET U-5.05 & U-5.06 FOR ADDITIONAL REMOVAL OF SEWER PIPE.


ADEQ NOTES

1. ALL SEWER LINES SHALL BE COVERED WITH AT LEAST 4 FEET OF BACKFILL PER PIMA COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT (PCRWRD).
2. THE FULL LENGTH OF SEWER MAIN SHALL BE DEFLECTION TESTED PER A.A.C. R18-9-E301 (D) (2) (f).
3. EACH SEGMENT OF THE SEWER MAIN SHALL BE LEAKAGE TESTED PER A.A.C. R18-9-E301 (D) (2) (j).
4. THE FULL LENGTH OF SEWER MAIN SHALL BE TESTED FOR UNIFORM SLOPE PER A.A.C. R18-9-E301 (D) (2) (k).
5. ALL MANHOLES SHALL BE DESIGNED PER A.A.C. R18-9-E301 (D) (3) (c) AND THE PCRWRD.
6. ALL MANHOLES SHALL BE LEAK TESTED PER A.A.C. R18-9-E301 (D) (3) (e).

FLOW MANAGEMENT GENERAL NOTES

1. THE CONTRACTOR SHALL PROVIDE THE FINAL FLOW MGMT PLAN (FMP) FOR THE PROJECT FOR REVIEW AND APPROVAL BY THE PCRWRD FIELD ENGINEERING MANAGER. THE WASTEWATER FLOW MGMT GUIDELINES PROVIDED HEREIN SHALL NOT SERVE AS THE APPROVED FLOW MANAGEMENT PLAN.
2. FOR THE DURATION OF ALL PUMPING, THE CONTRACTOR WILL PROVIDE CONTINUOUS PUMP WATCH BY TRAINED AND QUALIFIED PUMP PERSONNEL WHO SHALL MONITOR PUMPS, FUEL SOURCE, HIGHLINES, FLOW THROUGH PLUGS, FITTINGS AND APPURTENANCES, SURCHARGING AT IMMEDIATE UPSTREAM MANHOLES, AND ALL EQUIPMENT ASSOCIATED WITH THE BYPASS PUMPING OPERATION.
3. A 1/2 INCH PLYWOOD COVER, PER RWRD 306, SHALL BE USED INSIDE THE MANHOLES TO COVER THE OPEN PIPE WHILE BEING STACKED.
4. THE PUMPS AND BACKUP PUMPS SHALL BE CAPABLE OF PUMPING THE PEAK DRY WEATHER FLOW AS PROVIDED IN THE TABLE ON THE FLOW MANAGEMENT PLAN 1 SHEET.
5. SUFFICIENT FUEL SHALL BE STORED ON-SITE TO ACCOMMODATE 24 HOURS CONTINUOUS PUMPING AT FULL DUTY CYCLE. FUEL SHALL BE STORED USING DOUBLE WALL UL2085 CONTAINERS, INCLUDING SPILL CONTAINMENT. FUEL STORAGE SHALL BE OSHA SAFE. FUEL CONTAINMENT SHALL BE PROTECTED FROM RUNOFF RESULTING FROM STORM EVENTS.
6. PUMPS DISCHARGE TO BYPASS IN GENERAL CONFORMANCE WITH APPROVED FLOW MANAGEMENT PLAN. PUMPS AND SUCTION PIPING SHALL BE PROTECTED USING CONCRETE BARRIERS OR OTHER APPROVED CONTROL SECURED BY THE CONTRACTOR.
7. CONTRACTOR SHALL VERIFY FLOWS INTO EXISTING 10" V.C.P. SEWER IN IRVINGTON RD PRIOR TO SUBMITTING THE FINAL FLOW MGMT PLAN TO THE ENGINEER FOR REVIEW AND APPROVAL.
8. ALL PIPING AND PUMP CONNECTIONS SHALL BE PRESSURE TESTED USING FRESH WATER TO 60 POUNDS PER SQUARE INCH PRIOR TO CONNECTION TO THE FLOW THROUGH PLUGS AND TO OPERATION OF THE PUMP(S).
9. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. ALL EXCAVATION WITHIN 2-FT. OF A LIVE SEWER SHALL BE COMPLETED BY HAND.
10. PER RWRD SSDC 27.5, AT LEAST 6 GALLONS OF 12.5% LIQUID SODIUM HYPOCHLORITE SOLUTION WILL BE ON-SITE FOR 12-INCH OR LESS, AND 50 GALLONS FOR ANYTHING LARGER THAN 12-INCH.
11. PCRWRD SHALL NOT BE HELD LIABLE OR RESPONSIBLE FOR ANY ERRORS AND OR OMISSIONS ON THE FMP. ITEMS NOT MEETING PIMA COUNTY STANDARDS SHALL BE REPAIRED OR REPLACED AT NO COST TO THE DEPARTMENT.
12. THE CONTRACTOR SHALL PROVIDE ONE LANE IN EACH DIRECTION OF TRAVEL ON ANY ACTIVE ROADWAY FOR THE DURATION OF ALL BYPASS PUMPING. LANE CLOSURES MUST BE APPROVED BY THE ENGINEER PRIOR TO THE INSTALLATION OF THE BYPASS EQUIPMENT.
13. THE CONTRACTOR SHALL PLACE PUMPS AND SPILL PREVENTION MATERIALS NEAR THE UPSTREAM MANHOLE, ON A FLAT AREA CLEAR OF TRAFFIC AND/OR CONSTRUCTION ACTIVITIES. THE CONTRACTOR'S FINAL FMP SHALL CLEARLY DEPICT THESE LOCATIONS.

Exhibit B
Agreement 3877-25-PCRWRD

| | | | | | | | | | | | | | |
|---|--|----------------------------|-------------------------|---------------------------------|--|---|---------------------------|----------------------|---------------------------|-------------------------------|---------------------|-----------------|----------------|
|  ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION | PRELIMINARY STAGE IV Review NOT FOR CONSTRUCTION OR RECORDING | DESIGN DRAWN CHECKED | NAME NT CPS HV | DATE 02/25 02/25 02/25 | ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES | ROUTE I-19 | F.H.W.A. Arizona Division | STATE ARIZ. | PROJECT NO. 019 PM 060 | FEDERAL ID NO. 019-A(243)T | SHEET NO. 494 | TOTAL SHEETS | RECORD DRAWING |
| | | | | | | | LOCATION | I-19 IRVINGTON RD TI | | | | | DWG NO. U-5.02 |
| | | | | | | IRVINGTON RD SEWER MODIFICATION PLANS GENERAL NOTES | STRUCTURE NO. | TRACS NO. F0488 01C | | | | | OF |
| | | | | | | | | ADOT | | | | | |

| MANHOLE AS-BUILT INFO | | |
|-----------------------|--|---------|
| MH NO. | STATE PLANE COORDINATES (AZ CENTRAL) NAD 83/92 INTERNATIONAL FEET | |
| | NORTHING | EASTING |
| MH# 1 | | |
| MH# 2 | | |
| MH# 3 | | |
| MH# 4 | | |
| MH# 5 | | |
| MH# 6 | | |
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MANHOLE LOCATING NOTES:


1. THE CONTRACTOR SHALL GPS REFERENCE ALL SANITARY SEWER MANHOLES (CENTER OF BASES NOT THE CENTER OF THE FRAMES AND COVERS) WITH SURVEY QUALITY COORDINATES.
2. THE SURVEY GPS DATA SHALL BE IN THE MOST RECENT STATE PLANE COORDINATES (NAD 1983 STATE PLANE ARIZONA CENTRAL) AND WILL BE GATHERED USING SURVEY QUALITY EQUIPMENT, AND ACCURATE TO WITHIN 0.5- FEET. THE BASIS OF COORDINATES WILL BE INCLUDED. THE DATA WILL BE CATEGORIZED BY STREET NAMES AND SUPPLIED AS RAW DATA IN TEXT FORMAT, IN AN EXCEL WORKBOOK AND AUTOCAD DWG FORMAT. THE FORMAT SHALL INCLUDE COORDINATES IN NORTHINGS AND EASTINGS AS WELL AS BY STATION AND OFFSET. EACH POINT SHALL CONTAIN A DESCRIPTION OF THE MANHOLE.
3. THE CONTRACTOR WILL ASSIST PCRWRD WITH THE FIELD LOCATION (BLUE-STAKE) OF THE MANHOLES AND SEWER PIPE DURING CONSTRUCTION.
4. THE WORK DESCRIBED ABOVE SHALL BE INCIDENTAL TO THE WORK ITEMS DESCRIBED IN THE SEWER MODIFICATION PLANS.

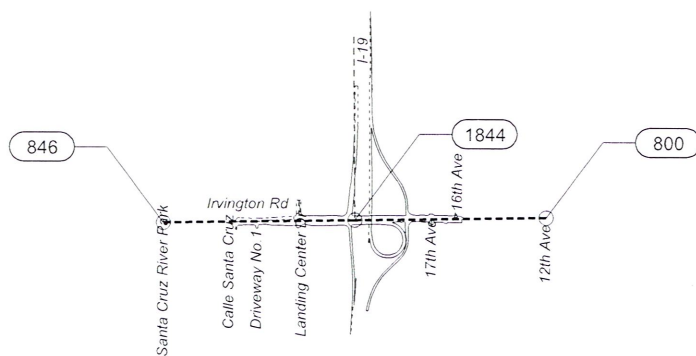
| ABANDONMENT MONUMENT | | | | | | | |
|----------------------|------------------|-----------|-----------|--------------------|-----------------|-----------|-------------|
| EXST MONUMENT NO. | NEW MONUMENT NO. | NORTHING | EASTING | ROAD | APPROX. STATION | OFFSET | COMMENTS |
| | 1 | 424343.60 | 987928.81 | IRVINGTON RD CST \ | 497+12.00 | 66.00' RT | ABANDONMENT |
| | 2 | 424384.77 | 988414.36 | IRVINGTON RD CST \ | 501+98.00 | 31.00' RT | ABANDONMENT |
| | | | | | | | |
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NOTES:

1. ALL ABANDONMENT MONUMENTS SHALL BE PER STANDARD DETAIL RWRD 503.

Exhibit B
Agreement 3877-25-PCRWRD

| | | | | | | | | | | | | | |
|---|-----------------------------------|----------|-------|--|--------|---------------------------|----------------|---------------------|----------------------|-------------|---------------|----------------|----------------|
|  | PRELIMINARY | NAME: | DATE: | ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES | ROUTE: | F.H.W.A. Arizona Division | STATE: | PROJECT NO.: | FEDERAL ID NO.: | SHEET NO.: | TOTAL SHEETS: | RECORD DRAWING | |
| | STAGE IV | DESIGN: | NT | | 02/25 | | I-19 | ARIZ. | 019 PM 060 | 019-A(243)T | 495 | | |
| | Review | DRAWN: | CPG | | 02/25 | | 60 | LOCATION: | I-19 IRVINGTON RD TI | | | | DWG NO. 045.03 |
| | NOT FOR CONSTRUCTION OR RECORDING | CHECKED: | HW | | 02/25 | | STRUCTURE NO.: | TRACS NO. F0488 01C | | | | ADOT | |
| | | | | IRVINGTON RD SEWER MODIFICATION PLANS GENERAL NOTES | | | | | | | | | |



LEGEND

- Control Point
XXX Control Point Number

GENERAL NOTES

- ALL COORDINATES LISTED ARE BASED ON GPS OBSERVATIONS, OF EXISTING MONUMENTATION SHOWN ON ARIZONA DEPARTMENT OF TRANSPORTATION PLANS. BENCHMARK AND CONTROL POINT PLAN, I-19, AJO WAY (SR88) TI, TRACS NO. H8467 01C, PROJECT NO. 019-A(220)S, SIGNED 07/06/15, PREPARED BY ALPHA ENGINEERING, NAD1983 (1992 EPOCH) STATE PLANE GROUND COORDINATES ARIZONA CENTRAL ZONE, STANDARD TRANSVERSE MERCATOR PROJECTION, WITH A SCALE OF ORIGIN POINT OF X=0.0000 Y=0.0000, USING A GRID ADJUSTMENT FACTOR OF 1.00011669. THESE COORDINATES CAN BE UTILIZED AS GROUND DATUM. TO CONVERT BACK TO GRID COORDINATES, DIVIDE EACH COORDINATE VALUE BY 1.00011669. THE VERTICAL DATUM IS NAVD88.
- UNITS=INTERNATIONAL FEET
1 FOOT=0.3048 METER EXACTLY
- THE BASIS OF COORDINATES FOR THIS PROJECT ARE PUBLISHED FROM THE ABOVE REFERENCED PLAN SET CURRENT SURVEY CONTROL VALUES FOR THE FOLLOWING MONUMENTS:

| | | | |
|-------------------------------|---------------------|----------------------|--------------|
| N419 NAD83(1992) | 32°12' 48.50741"(N) | 110°59' 17.66498"(W) | |
| GROUND COORDINATES (PER PLAN) | N. 442684.695 | E. 987250.911 | EL. 2377.063 |
| AS-SURVEYED (GROUND) | N. 442684.76 | E. 987250.87 | EL. 2376.99 |

| | | | |
|-------------------------------|---------------------|----------------------|--------------|
| DOUBLE RESET NAD83(1992) | 32°08' 11.37790"(N) | 110°59' 09.23583"(W) | |
| GROUND COORDINATES (PER PLAN) | N. 414682.484 | E. 988217.472 | EL. 2485.630 |
| AS-SURVEYED (GROUND) | N. 414682.44 | E. 988217.38 | EL. 2485.61 |

| CONTROL POINT DATA | | | | |
|--------------------|-----------|-----------|-----------|------------------------|
| POINT# | NORTHING | EASTING | ELEVATION | DESCRIPTION |
| 800 | 424446.14 | 990728.02 | 2461.78 | Brass cap in hand hole |
| 846 | 424370.12 | 985433.55 | 2426.76 | Brass cap in hand hole |
| 1844 | 424408.12 | 988083.36 | 2466.04 | Scribed "X" |

Exhibit B
Agreement 3877-25-PCRWRD



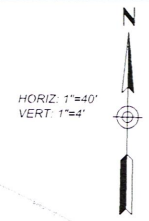
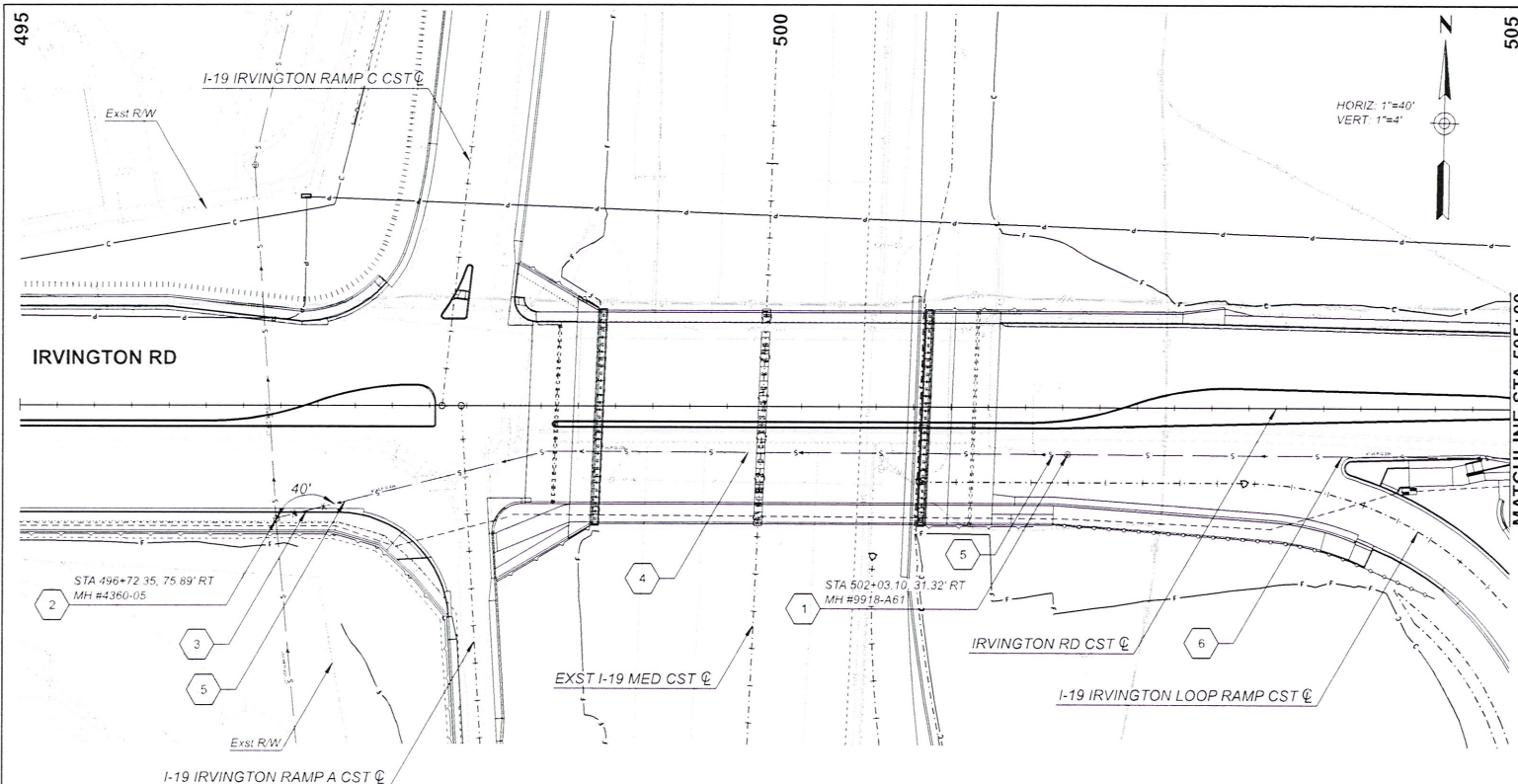
PRELIMINARY
STAGE IV
Review
NOT FOR
CONSTRUCTION
OR RECORDING

DESIGN: NT
DRAWN: CPG
CHECKED: HV
DATE: 2/2/25
2/2/25
2/2/25
WSP
WSP/USA INC.
10710 CHURCH AVENUE
SUITE 1100
DENVER, CO 80231

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

IRVINGTON RD
SEWER MODIFICATION PLANS
SURVEY CONTROL

| PROJECT | STATE | PROJECT NO. | FEDERAL RD NO. | SHEET NO. | TOTAL SHEETS | RECORD DRAWING |
|---------------|---------------------------|------------------|----------------|-----------|--------------|----------------|
| I-19 | F.H.W.A. Arizona Division | ARIZ. 019 PM 060 | 019-A(243)T | 496 | | |
| NO. SHEETS | LOCATION | DATE | BY | DATE | BY | DATE |
| 60 | I-19 IRVINGTON RD TI | | | | | |
| STRUCTURE NO. | TRACTS NO. | ADOT | DWG NO. | OF | DATE | BY |
| | F0488 01C | | | | | |



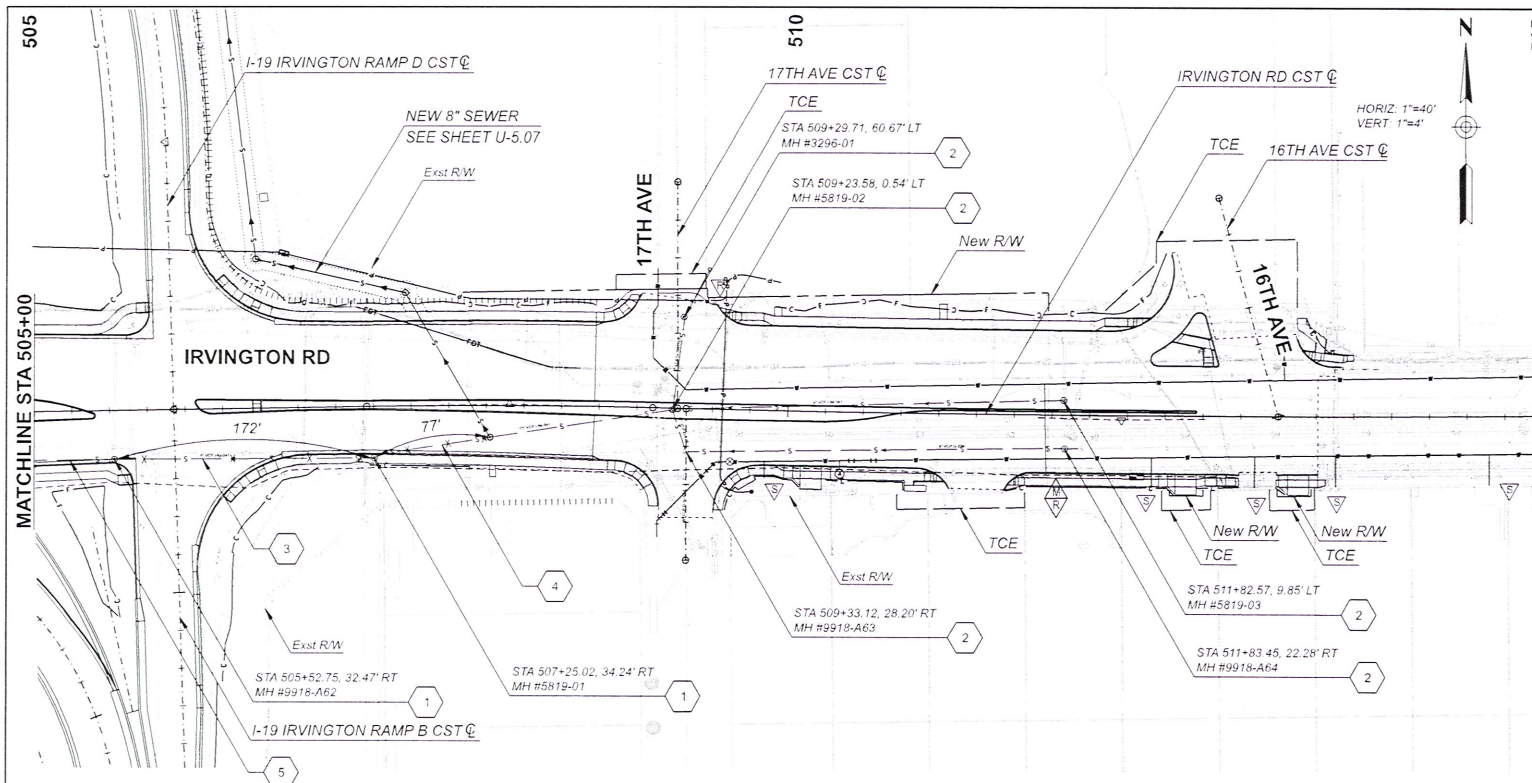
- KEYNOTES**
- EXISTING MANHOLES TO BE REMOVED. CONTRACTOR SHALL REMOVE THE FRAME AND COVER. THE SALVAGED FRAME AND COVER SHALL BE DELIVERED TO PCRWARD AT THE LOCATION SPECIFIED BY THE INSPECTOR. THE EXCAVATION FILL WITH SPOT MATERIAL AND COMPACTED IN ACCORDANCE WITH THE STANDARDS SET BY THE AGENCY CONTROLLING THE RIGHT-OF-WAY. IN ALL CASES A MINIMUM OF 95% OF THE STANDARD PROCTOR DENSITY, IN ACCORDANCE WITH THE PROVISIONS OF THE ARIZONA TEST METHOD 225, SHALL BE ACHIEVED. THE CONTRACTOR SHALL DISPOSE OF ALL MANHOLE DEMOLITION MATERIAL OFF-SITE AT A LANDFILL OR OTHER APPROVED LOCATION.
 - REMOVE AND CAP MH #4360-05 PER DETAIL SHEET U-5.13
 - REMOVE 40 LF OF EXST 8" V.C.P. PUBLIC SEWER FROM EXST MH #4360-05 TO IRVINGTON RD CST @ STA 497+12.00, 66.00' RT
 - ABANDON IN PLACE AND GROUT 490 LF OF 8" V.C.P. PUBLIC SEWER FROM IRVINGTON RD CST @ STA 497+12.00, 66.00' RT TO STA 501+98.00, 31.00' RT
 - INSTALL ABANDONMENT MONUMENT PER PCRWARD STD. DET. RWRD 503
 - REMOVE 302 LF OF EXST 8" V.C.P. PUBLIC SEWER FROM IRVINGTON RD CST @ STA 501+98.00, 31.00' RT TO STA 505+00.00, 32.00' RT.

NOTES

- ANY COATING DAMAGE OR ANY MANHOLE PER EDS 5.2.16 WILL REQUIRE COATING PER SSDC 3.3.3 D vi (EXISTING), 3.3.3 B viii (NEW) AND SPECIAL PROVISIONS, SECTION 809

Exhibit B
Agreement 3877-25-PCRWRD

| | | | | | | | |
|---|--|-----------------------|--|--|--|---|--|
| PRELIMINARY STAGE IV Review NOT FOR CONSTRUCTION OR RECORDING | DESIGN N.T. 02/25 DRAWN CPG 02/25 CHECKED HW 02/25 | NAME DATE 02/25 | ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY DESIGN SERVICES IRVINGTON RD SEWER MODIFICATION PLANS REMOVAL AND FRAME & COVER ADJUSTMENT | ROUTE I-19 MILEPOST 60 STRUCTURE NO. | F.H.W.A. Arizona Division LOCATION TRACS NO. F0488 01C | STATE ARIZ. PROJECT NO. 019 PM 060 FEDERAL ID NO. 019-A(243)T SHEET NO. 497 TOTAL SHEETS 497 | RECORD DRAWING DWG NO. U-5.05 OF |
| | | | | | | | |



- KEYNOTES**
- EXISTING MANHOLES TO BE REMOVED. CONTRACTOR SHALL REMOVE THE FRAME AND COVER. THE SALVAGED FRAME AND COVER SHALL BE DELIVERED TO PCRWRD AT THE LOCATION SPECIFIED BY THE INSPECTOR. THE EXCAVATION FILLED WITH SHELTER MATERIAL AND COMPACTED IN ACCORDANCE WITH THE STANDARDS SET BY THE AGENCY CONTROLLING THE RIGHT-OF-WAY. IN ALL CASES A MINIMUM OF 95% OF THE STANDARD PROCTOR DENSITY, IN ACCORDANCE WITH THE PROVISIONS OF THE ARIZONA TEST METHOD 225. SHALL BE ACHIEVED. THE CONTRACTOR SHALL DISPOSE OF ALL MANHOLE DEMOLITION MATERIAL OFF-SITE AT A LANDFILL OR OTHER APPROVED LOCATION.
 - ADJUST MH TO GRADE PER PCRWRD STD. DTL. RWRD 309.
 - REMOVE 172' LF OF EXIST 8" V.C.P. PUBLIC SEWER FROM EXIST MH #9918-A62 TO EXIST MH #5819-01.
 - REMOVE 17' LF OF EXIST 10" V.C.P. PUBLIC SEWER FROM EXIST MH #5819-01 TO NEW MH #6.
 - REMOVE 53 LF OF EXIST 8" V.C.P. PUBLIC SEWER FROM IRVINGTON RD CST @ STA 505+00.00, 32.00' RT TO EXIST MH #9918-A62.

MANHOLE ADJUSTMENT/RECONSTRUCTION

| MH No. | EXST RIM EL. | NEW RIM EL. | DELTA (FT) | ADJUST (EA) | RECONSTRUCT (LF) | BARREL DIAMETER |
|----------|--------------|-------------|------------|-------------|------------------|-----------------|
| 9918-A63 | 2454.64' | 2454.50' | -0.14' | 1 | | 4' |
| 5819-02 | 2454.89' | 2455.41' | 0.52' | 1 | | 4' |
| 3296-01 | 2454.43' | 2453.83' | -0.60' | 1 | | 4' |
| 9918-A64 | 2455.82' | 2455.84' | 0.02' | 1 | | 4' |
| 5819-03 | 2455.92' | 2456.03' | -0.10' | 1 | | 4' |
| | | | | | | |
| | | | | | | |

MANHOLE ADJUSTMENTS AND RECONSTRUCTION SHALL BE PER RWRD SSDC 3.3.3D AND STD. DTL RWRD 305.

Exhibit B
Agreement 3877-25-PCRWRD

NOTES:
1. ANY COATING DAMAGE OR ANY MANHOLE PER EDS 5.2.16 WITH 100% COATING PER SSDC 3.3.3.D IN (EXISTING), 3.3.3.B IN (NEW) AND SPECIAL PROVISIONS, SECTION 809.

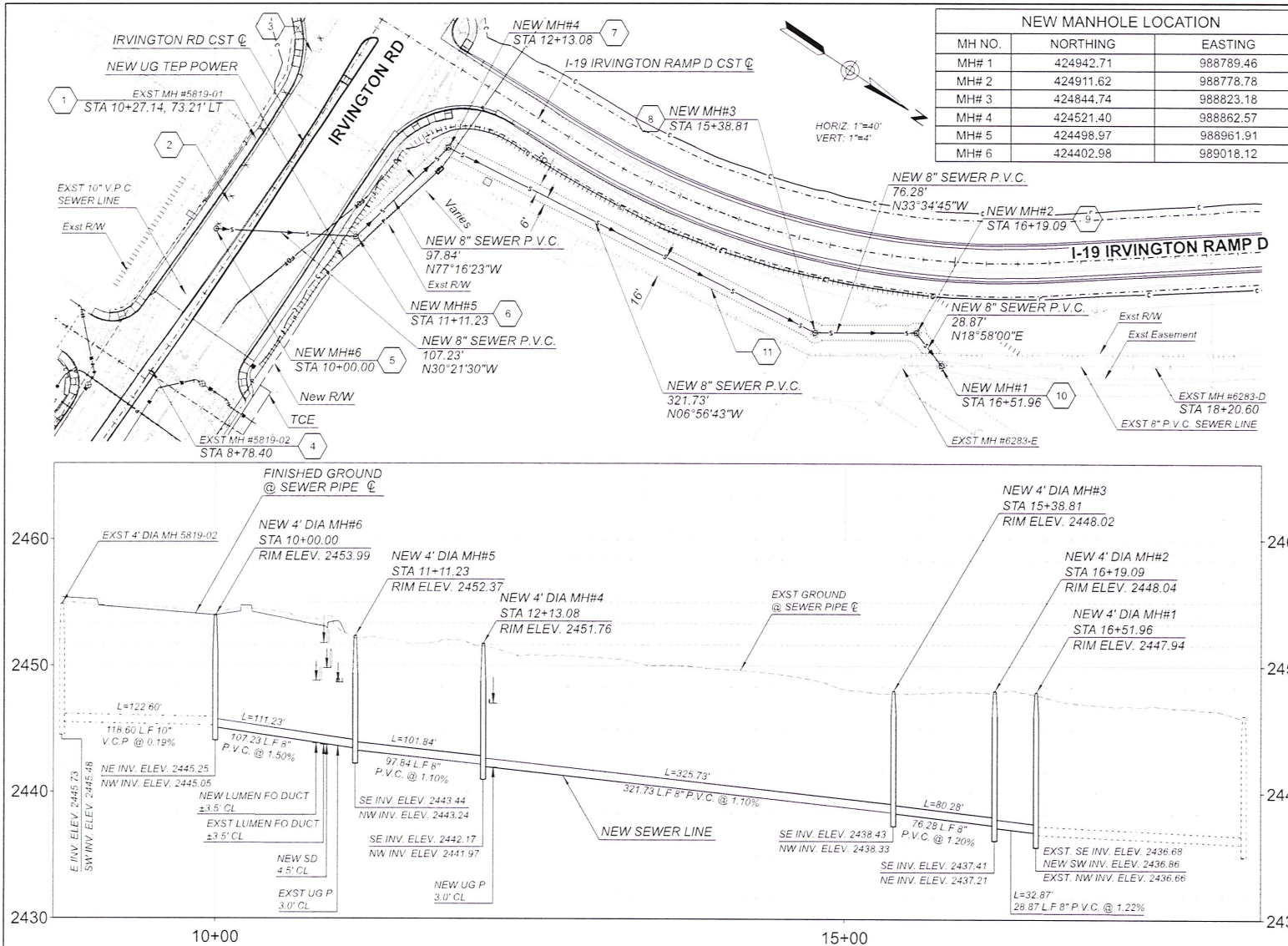
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OR RECORDING

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DATE: 02/23
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WSP USAR 101717 CHARTERED
SINCE 1970
TEMP. 40-100°F

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

IRVINGTON RD
SEWER MODIFICATION PLANS
REMOVAL AND FRAME & COVER ADJUSTMENT

| | | | | | | | |
|---------------|---------------------------|--------------|-------------------------|-----------------------------|----------------|-------------------|----------------|
| ROUTE: I-19 | F.H.W.A. Arizona Division | STATE: ARIZ. | PROJECT NO.: 019 PM 060 | FEDERAL ID NO.: 019-A(243)T | SHEET NO.: 498 | TOTAL SHEETS: 498 | RECORD DRAWING |
| LOCATION: 60 | I-19 IRVINGTON RD TI | | | | | DWG NO.: US-06 | OF |
| STRUCTURE NO. | TRACS NO. F0488 01C | | | | | ADOT | |



G-2025-001

Exhibit B
Agreement 3877-25-PCRWRD



PRELIMINARY
STAGE IV
Review
NOT FOR
CONSTRUCTION
OR RECORDING

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CHECKED: HW
DATE: 02/25
02/25
02/25

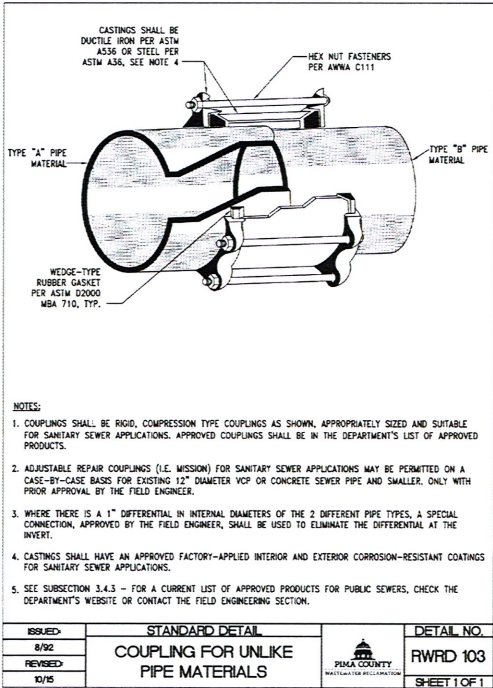
wsp

WSP/USA
1000 N. CENTRAL AVENUE
SUITE 100
PHOENIX, AZ 85004

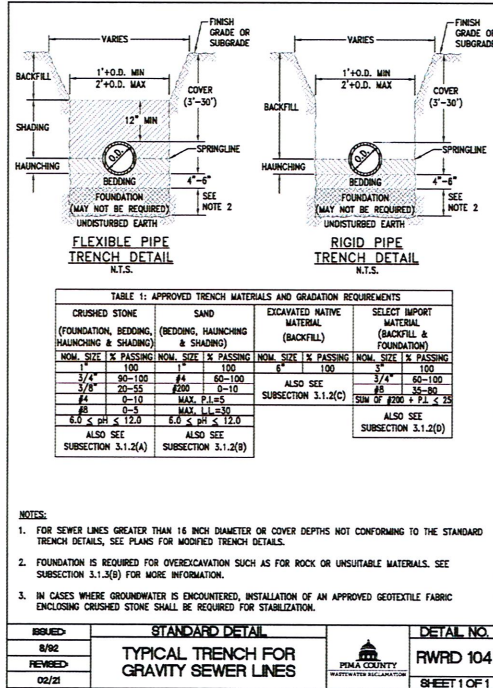
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

IRVINGTON RD
SEWER MODIFICATION PLANS
PLAN AND PROFILE

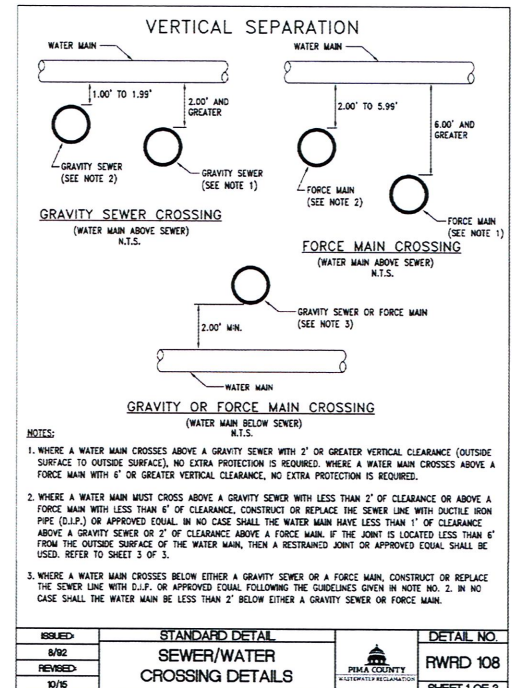
| | | | | | | | | |
|---------------|------|---------------------------|----------------------|-------------|----------------|-----------|--------------|----------------|
| ROUTE | I-19 | F.H.W.A. Arizona Division | STATE | PROJECT NO. | FEDERAL ID NO. | SHEET NO. | TOTAL SHEETS | RECORD DRAWING |
| WE ELEVAT | 60 | | ARIZ. | 019 PM 060 | 019-A(243)T | 499 | | |
| STRUCTURE NO. | | LOCATION | I-19 IRVINGTON RD TI | | | | | DWG NO. U-5.07 |
| | | TRACS NO. F0488 01C | ADOT | | | | | OF |



DETAIL U1
COUPLING FOR UNLIKE PIPE MATERIALS
RWRD DTL 103



DETAIL U2
TYPICAL TRENCH FOR GRAVITY SEWER LINES
RWRD DTL 104



DETAIL U3
SEWER/WATER CROSSING DETAILS
RWRD DTL 108

Exhibit B
Agreement 3877-25-PCRWRD



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OR RECORDING

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DATE: 02/25

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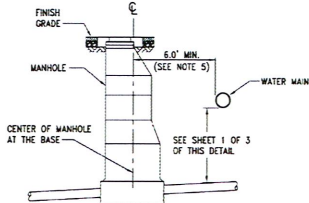
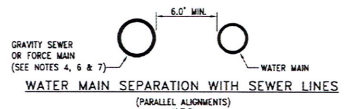
WSP USA INC.
1771 N. CENTRAL AVENUE
SUITE 100
TUCSON, AZ 85712

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

IRVINGTON RD
SEWER MODIFICATION PLANS
DETAIL SHEET

| DATE: | I-19 | F.H.W.A. Arizona Division | STATE: | ARIZ. | PROJECT NO. | 019 PM 060 | FEDERAL ID NO. | 019-A(243)T | SHEET NO. | 500 | TOTAL SHEETS | 500 | RECORD DRAWING |
|-----------|------|---------------------------|----------------------|-------|-------------|------------|----------------|-------------|-----------|-----|--------------|-----|----------------|
| REVISION: | 80 | LOCATION: | I-19 IRVINGTON RD T1 | | | | | | | | | | DWG NO. 19-08 |
| REVISION: | | TRACS NO. F0488 01C | ADOT | | | | | | | | | | OF |

HORIZONTAL SEPARATION



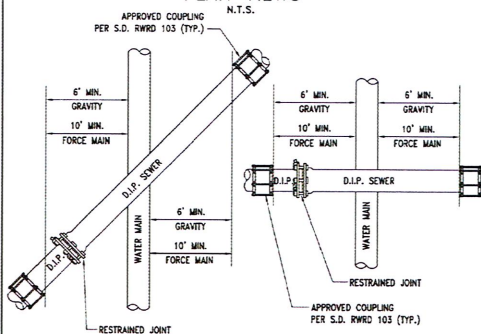
NOTES (CONTINUED):

4. THE MINIMUM HORIZONTAL CLEARANCE WITHOUT EXTRA PROTECTION BETWEEN A WATER MAIN AND A FORCE MAIN OR GRAVITY SEWER LINE SHALL BE 6' OUTSIDE SURFACE TO OUTSIDE SURFACE.
5. THE MINIMUM HORIZONTAL CLEARANCE BETWEEN A WATER MAIN AND A SEWER MANHOLE SHALL BE 6' FROM THE OUTSIDE SURFACE OF THE WATER MAIN TO THE CENTER OF MANHOLE.
6. WHERE A 6' HORIZONTAL CLEARANCE CANNOT BE MAINTAINED WITH A GRAVITY SEWER, CONSTRUCT OR REPLACE THE SEWER LINE WITH D.I.P. OR APPROVED EQUAL FOLLOWING THE GUIDELINES GIVEN IN NOTE NO. 2. IN NO CASE SHALL A GRAVITY SEWER LINE BE LOCATED LESS THAN 2' HORIZONTALLY FROM A WATER MAIN.
7. IN NO CASE SHALL A FORCE MAIN BE LOCATED LESS THAN 6' HORIZONTALLY FROM A WATER MAIN.
8. THE AMERICAN NATIONAL STANDARD FOR THE THICKNESS DESIGN OF D.I.P. (ANSI/ANWA C150/A21.50) SHALL BE USED TO DETERMINE THE REQUIRED PRESSURE CLASS EXCEPT FOR D.I.P. WITH A DIAMETER OF 3" THRU 24". A MINIMUM PRESSURE CLASS OF 350 IS REQUIRED. FOR D.I.P. WITH A DIAMETER GREATER THAN 24", A MINIMUM PRESSURE CLASS OF 200 IS REQUIRED.

| ISSUED | STANDARD DETAIL | DETAIL NO. |
|----------|------------------------------|--------------|
| 8/02 | SEWER/WATER CROSSING DETAILS | RWRD 108 |
| REVIEWED | | |
| 12/02 | | SHEET 2 OF 3 |

DETAIL U4
SEWER/WATER CROSSING DETAILS
RWRD DTL 108

PLAN VIEWS

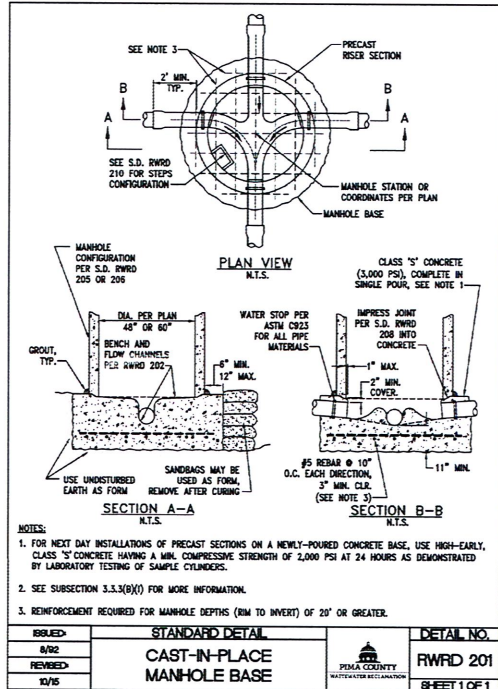


NOTES (CONTINUED):

9. WHERE THE SEWER LINE IS A GRAVITY SEWER, THE D.I.P. INSTALLATION OR REPLACEMENT SHALL EXTEND A MINIMUM OF 6' BEYOND EACH SIDE OF THE WATER MAIN, MEASURED HORIZONTALLY FROM AND PERPENDICULAR TO THE WATER MAIN.
10. WHERE THE SEWER LINE IS A FORCE MAIN, THE D.I.P. INSTALLATION OR REPLACEMENT SHALL EXTEND A MINIMUM OF 10' BEYOND EACH SIDE OF THE WATER MAIN, MEASURED HORIZONTALLY FROM AND PERPENDICULAR TO THE WATER MAIN.
11. WHEN UNUSUAL CONDITIONS SUCH AS, BUT NOT LIMITED TO, HIGHWAY OR BRIDGE CROSSINGS PREVENT THE WATER AND SEWER LINE SEPARATIONS REQUIRED BY THIS DETAIL FROM BEING MET, PCRWRD WILL REVIEW AND MAY APPROVE (SUBJECT TO APPROVAL BY THE ENVIRONMENTAL REGULATORY AGENCY HAVING JURISDICTION), REQUESTS FOR AUTHORIZATION TO USE ALTERNATE CONSTRUCTION TECHNIQUES, MATERIALS AND JOINTS ON A CASE-BY-CASE BASIS.
12. ALL DUCTILE IRON PIPE SHALL BE INTERNALLY LINED AND EXTERNALLY WRAPPED PER SUBSECTION 3.2.2(D).

| ISSUED | STANDARD DETAIL | DETAIL NO. |
|----------|------------------------------|--------------|
| 8/02 | SEWER/WATER CROSSING DETAILS | RWRD 108 |
| REVIEWED | | |
| 12/02 | | SHEET 3 OF 3 |

DETAIL U5
SEWER/WATER CROSSING DETAILS
RWRD DTL 108



NOTES:

1. FOR NEXT DAY INSTALLATIONS OF PRECAST SECTIONS ON A NEWLY-POURED CONCRETE BASE, USE HIGH-EARLY, CLASS "3" CONCRETE HAVING A MIN. COMPRESSIVE STRENGTH OF 2,000 PSI AT 24 HOURS AS DEMONSTRATED BY LABORATORY TESTING OF SAMPLE CYLINDERS.
2. SEE SUBSECTION 3.3.3(B)(1) FOR MORE INFORMATION.
3. REINFORCEMENT REQUIRED FOR MANHOLE DEPTHS (BIM TO INVERT) OF 20' OR GREATER.

| ISSUED | STANDARD DETAIL | DETAIL NO. |
|----------|----------------------------|--------------|
| 8/02 | CAST-IN-PLACE MANHOLE BASE | RWRD 201 |
| REVIEWED | | |
| 12/05 | | SHEET 1 OF 1 |

DETAIL U6
CAST-IN-PLACE MANHOLE BASE
RWRD DTL 201

Exhibit B
Agreement 3877-25-PCRWRD



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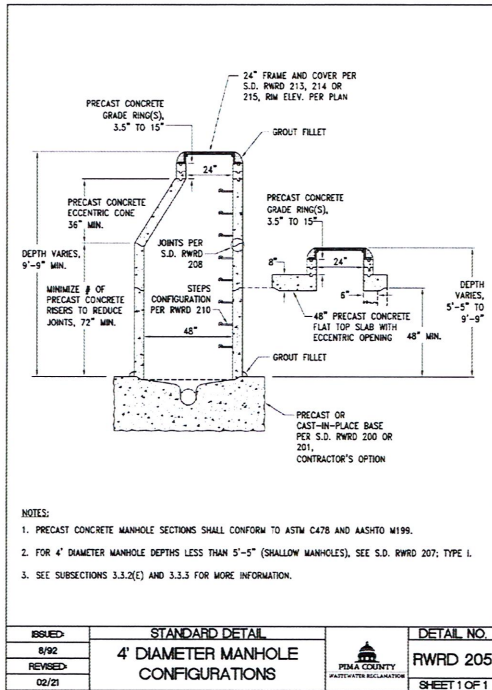
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

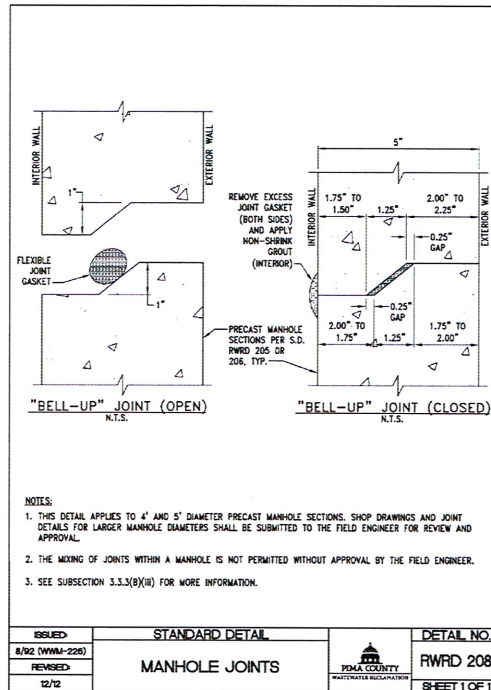
IRVINGTON RD
SEWER MODIFICATION PLANS
DETAIL SHEET

| ROUTE | F.H.W.A. Arizona Division | STATE | PROJECT NO. | FEDERAL ID NO. | SHEET NO. | TOTAL SHEETS | RECORD DRAWING |
|---------------|---------------------------|------------|-------------|----------------|-----------|--------------|----------------|
| I-19 | ARIZ. | 019 PM 060 | 019-A(243)T | 501 | | | |
| LOCATION | I-19 IRVINGTON RD TI | | | | | | DWG NO. U-5.09 |
| STRUCTURE NO. | TRACS NO. F0488 01C | | | | | | OF |

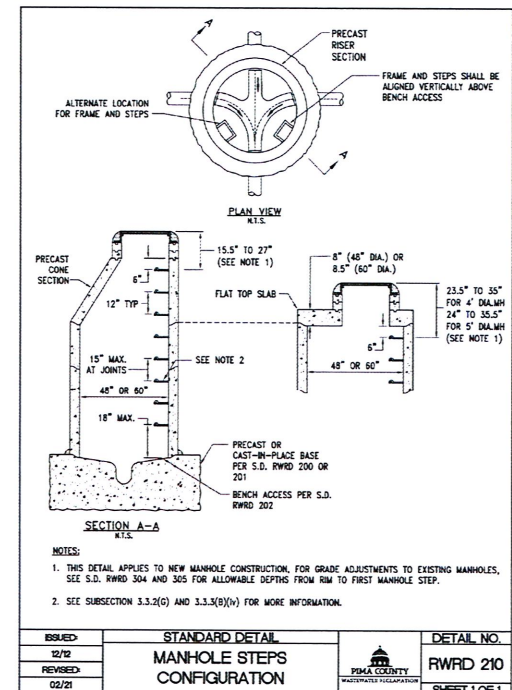
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DETAIL U7
4' DIAMETER MANHOLE CONFIGURATIONS
RWRD DTL 205



DETAIL U8
MANHOLE JOINTS
RWRD DTL 208



DETAIL U9
MANHOLE STEPS CONFIGURATIONS
RWRD DTL 210

Exhibit B
Agreement 3877-25-PCRWRD



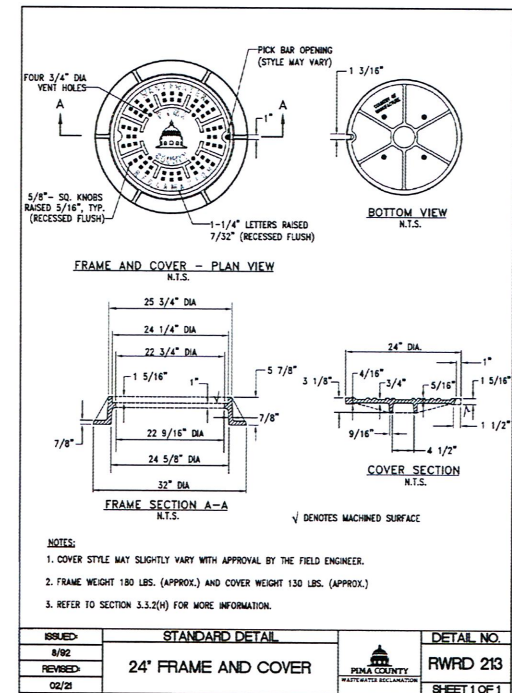
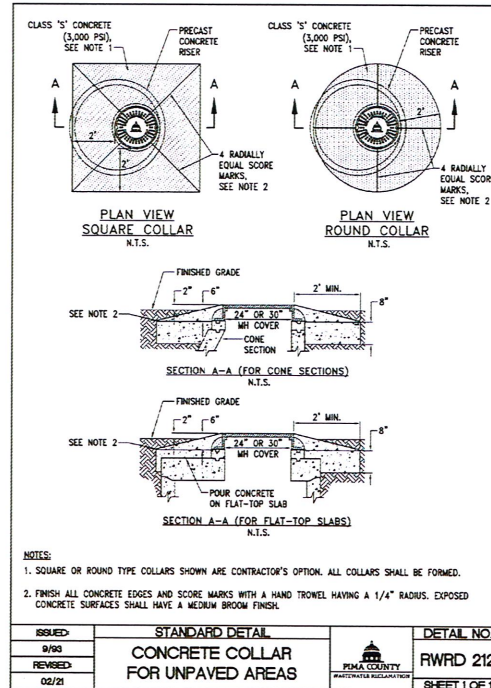
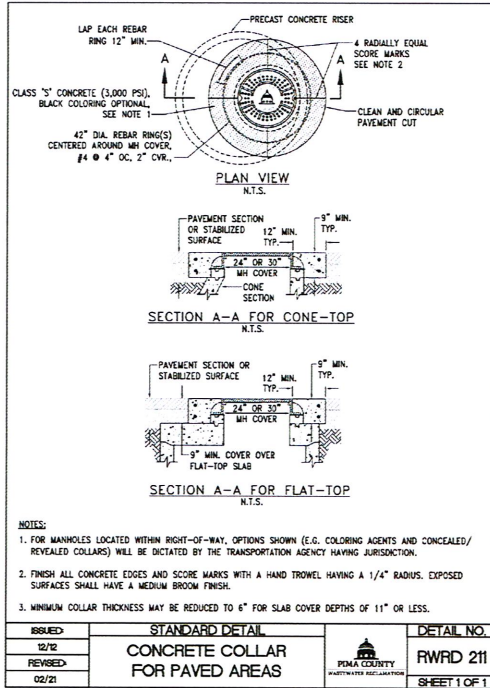
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WSP
WSP USA INC.
1111 N. CENTRAL AVENUE
SUITE 1100
TAMPA, FL 33604

ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

IRVINGTON RD
SEWER MODIFICATION PLANS
DETAIL SHEET

| ROUTE | F.H.W.A. Arizona Division | STATE | PROJECT NO. | FEDERAL ID NO. | SHEET NO. | TOTAL SHEETS | RECORD DRAWING |
|----------------|---------------------------|-------|----------------------|----------------|-----------|---------------|----------------|
| I-19 | | ARIZ. | 019 PM 060 | 019-A(243)T | 502 | | |
| MILEPOST 60 | LOCATION | | I-19 IRVINGTON RD TI | | | DWG NO. U-510 | |
| STRUCTURE NO. | TRACS NO. F0488 01C | | ADOT | | | OF | |



DETAIL U10

CONCRETE COLLAR FOR PAVED AREAS
RWRD DTL 211

DETAIL U11

CONCRETE COLLAR FOR UNPAVED AREAS
RWRD DTL 212

DETAIL U12

24" FRAME AND COVER
RWRD DTL 213

Exhibit B
Agreement 3877-25-PCRWRD



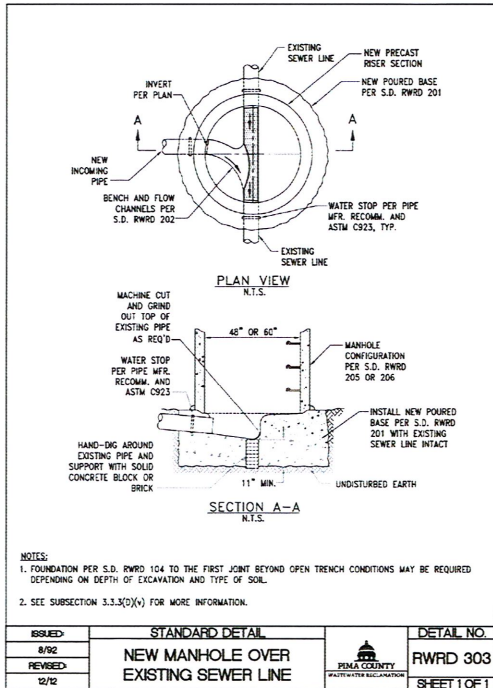
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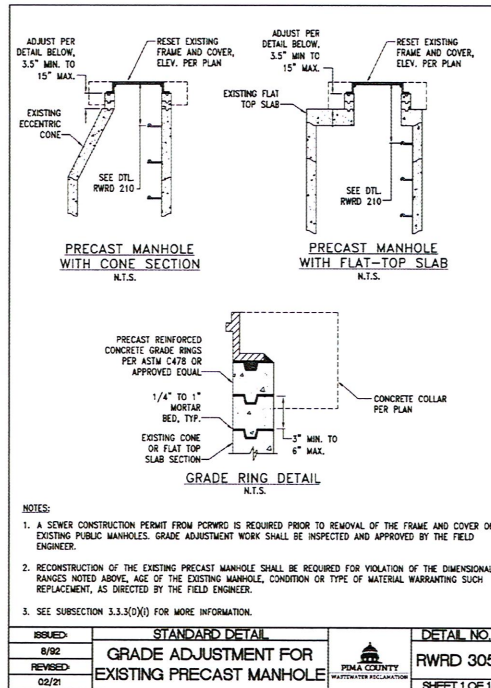
ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

IRVINGTON RD
SEWER MODIFICATION PLANS
DETAIL SHEET

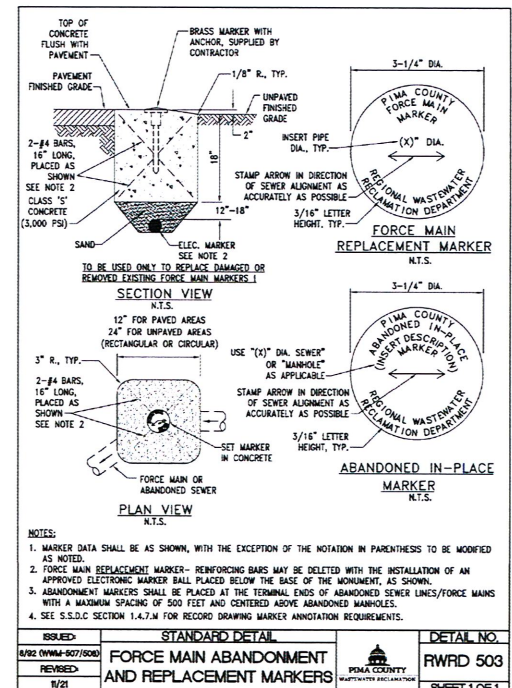
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| ROUTE I-19 | F.H.W.A. Arizona Division | STATE ARIZ. | PROJECT NO. 019 PM 060 | FEDERAL ID NO. 019-A(243)T | SHEET NO. 503 | TOTAL SHEETS 503 | RECORD DRAWING |
| NO. EXIST. 60 | LOCATION I-19 IRVINGTON RD TI | TRACS NO. F0488 01C | ADOT | DWG NO. U-511 | OF | | |



DETAIL U13
NEW MANHOLE OVER EXISTING SEWER LINE
RWRD DTL 303



DETAIL U14
GRADE ADJUSTMENT FOR EXISTING PRECAST MANHOLE
RWRD DTL 305



DETAIL U15
FORCE MAIN ABANDONMENT AND REPLACEMENT MARKERS
RWRD DTL 503

Exhibit B
Agreement 3877-25-PCRWRD



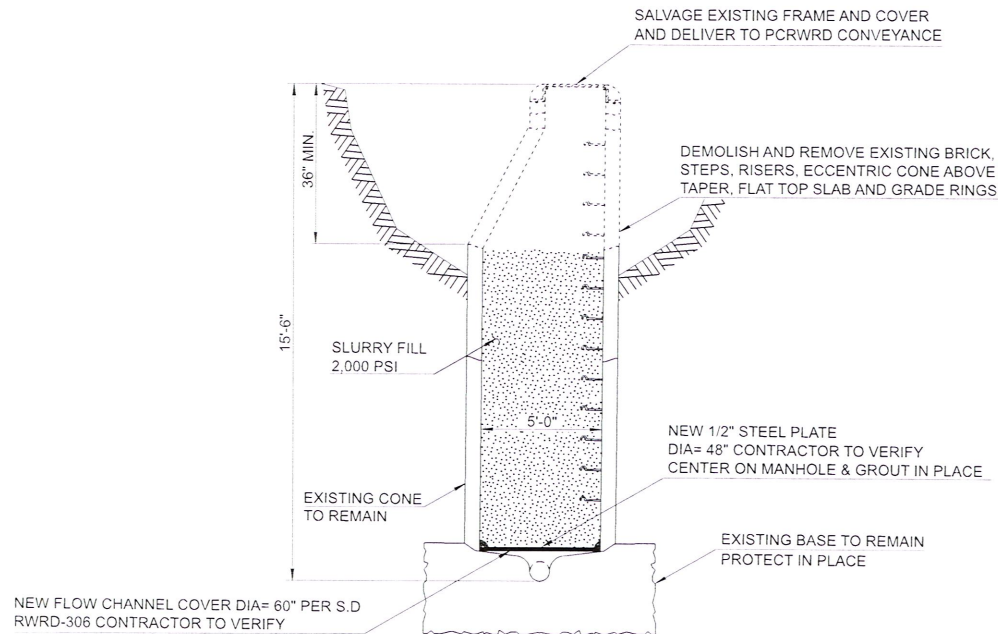
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

IRVINGTON RD
SEWER MODIFICATION PLANS
DETAIL SHEET

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| ROUTE | I-19 | F.H.W.A. Arizona Division | STATE | ARIZ. | PROJECT NO. | 019 PM 060 | FEDERAL ID NO. | 019-A(243)T | SHEET NO. | 504 | TOTAL SHEETS | 504 | RECORD DRAWING | |
| MARKSHEET | 60 | LOCATION | I-19 IRVINGTON RD TI | | | | | | | | | | DWG NO. | U-5-12 |
| STRUCTURE NO. | | TRACS NO. | F0488 01C | ADOT | | | | | | | | | | OF |



NOTES:

1. SLURRY SHALL CONFORM TO ADOT STANDARD SPEC 501-3.04 (B) (2).
2. FOR BACKFILL REQUIREMENTS, SEE PCRWRD SSDC 2022, SUBSECTION 3.1.3(E).
3. SEE SPECIAL PROVISIONS (BID ITEM # 9240113) FOR MEASUREMENT AND PAYMENT METHODS.

SEWER MANHOLE CAP FOR MH# 4360-05

NTS

DETAIL U16 SEWER MANHOLE CAP

G-2025-001

Exhibit B
Agreement 3877-25-PCRWRD



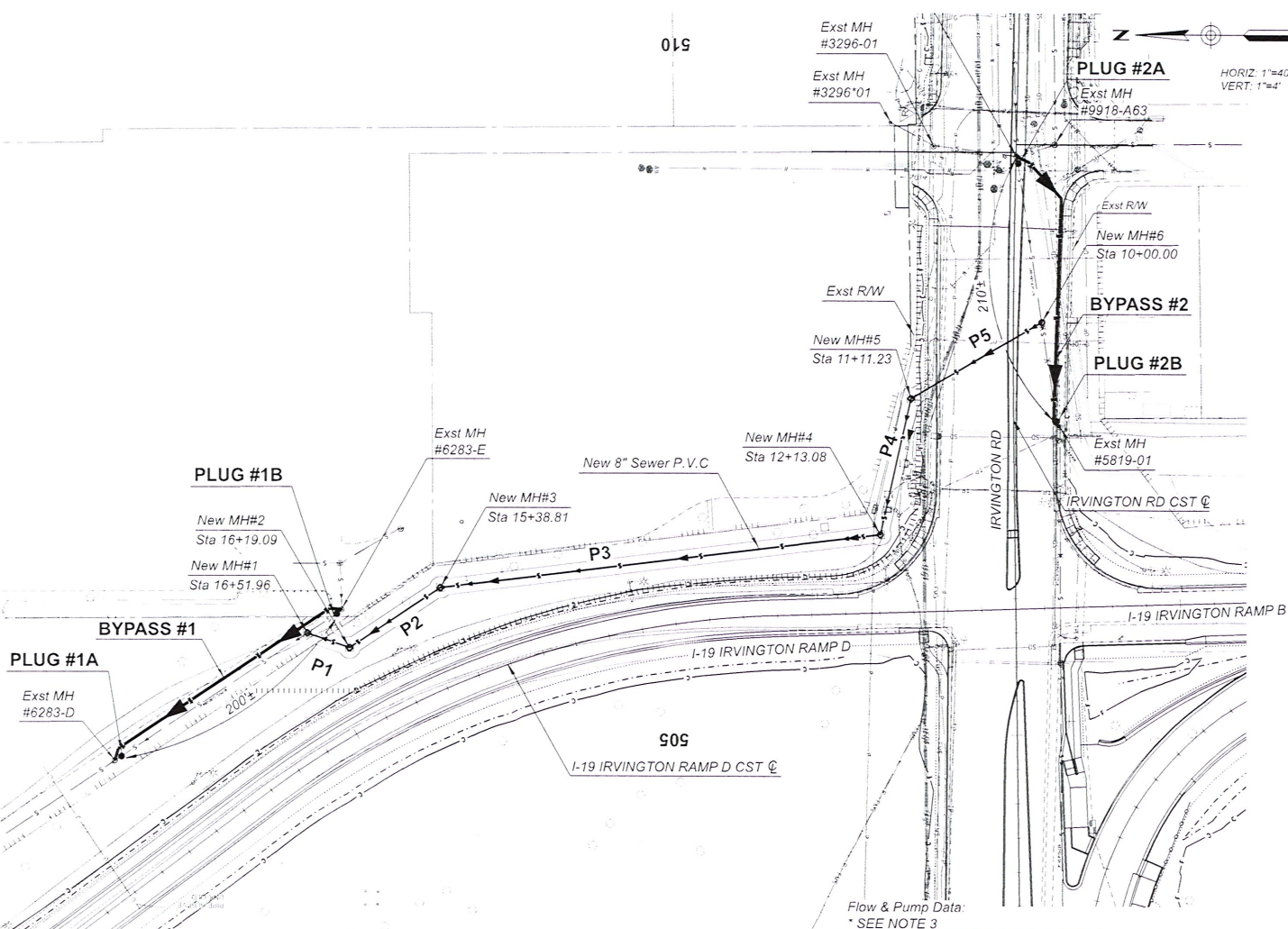
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES

IRVINGTON RD
SEWER MODIFICATION PLANS
DETAIL SHEET

| ROUTE | STATE | PROJECT NO. | FEDERAL ID NO. | SHEET NO. | TOTAL SHEETS | RECORD DRAWING |
|---------------------|---------------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| I-19 | F.H.W.A. Arizona Division | ARIZ. 019 PM 060 | 019-A(243)T | 505 | | |
| LOCATION | LOCATION | LOCATION | LOCATION | LOCATION | LOCATION | LOCATION |
| 60 | IRVINGTON RD TI | IRVINGTON RD TI | IRVINGTON RD TI | IRVINGTON RD TI | IRVINGTON RD TI | IRVINGTON RD TI |
| STRUCTURE NO. | STRUCTURE NO. | STRUCTURE NO. | STRUCTURE NO. | STRUCTURE NO. | STRUCTURE NO. | STRUCTURE NO. |
| TRACS NO. F0488 01C | ADOT | ADOT | ADOT | ADOT | ADOT | ADOT |



- KEYNOTES**
(FOR CONSTRUCTION OF PIPES P1-P5 & NEW MH NOS. 1-6)
1. CONSTRUCT NEW MH #1 OVER EXIST. PIPE WITH STUB-OUT FOR NEW SEWER TO THE SOUTHWEST PLUG STUB-OUT TO THE SW.
 2. CONSTRUCT NEW SEWER PIPE #P1, #P2, #P3 & #P4 WITH NEW MH#2, #3, #4, #5 TO THE LOCATION OF NEW MH #6.
 3. CONSTRUCT NEW MH#6 OVER EXISTING PIPE WITH NEW SEWER PIPE #5.
 4. MH #1, #2, #3, #4, #5, & #6 SHALL BE TESTED AND AS-BUILT, AS REQUIRED, TO SUBMIT/RECEIVE/OBTAIN ADEQ DISCHARGE AUTHORIZATION.
 5. PROVIDE MH COATING FOR EXIST. MH#5819-02 AND MH#6283-E. CONTRACTOR SHALL USE FLOW-THROUGH BYPASS PLUGS FOR THE COATING OF THIS MANHOLE. (BID ITEM #9240054).
 6. INSTALL BYPASS #1 FROM EXIST. MH#6283-E TO EXIST. MH#6283-D WITH PLUGS #1A AND #1B (BID ITEM #9240054).
 7. REMOVE EXISTING 8" PIPE WITHIN NEW MH#1. SHAPE FLOWLINE FROM SOUTH AND SOUTHWEST TO NORTHWEST. COAT MH AND LET CURE.
 8. RELEASE FLOWS THROUGH EXIST. 8" AND NEW MH#1.
 9. REMOVE BYPASS #1.
 10. INSTALL BYPASS #2 FROM EXISTING MH #5819-02 TO MH# 5819-01 WITH PLUGS #2A AND #2B (BID ITEMS #9240054).
 11. REMOVE EXISTING 10" PIPE WITHIN NEW MH#6. SHAPE FLOWLINE FROM THE EAST TO THE NORTHWEST. RESIZE EXISTING 10" EAST INVERT TO ACCOMMODATE NEW 8" CONNECTION. GROUT SOLID ORIGINAL OUTFALL TO THE SOUTHWEST. THICKNESS OF GROUT TO MATCH THICKNESS OF EXIST. MANHOLE.
 12. REMOVE BYPASS #2.
 13. RELEASE FLOWS FROM EXIST. 10" SEWER INTO NEW SEWER.
 14. REMOVE EXIST. 10" SEWER AND MANHOLES BETWEEN NEW MH #6 & MH #4360-05.
- NOTES**
1. SEE FMP GENERAL NOTES ON SHEET U-5.02.
 2. ALL WORK ASSOCIATED WITH FMP #1 TO BE INCLUDED IN PROPOSED NOI #1 FOR THIS PROJECT.
 3. ACTUAL PUMP REQUIREMENTS TO BE PROVIDED BY BYPASS CONTRACTOR.

Flow & Pump Data:
* SEE NOTE 3

| Location | Exst. Dia. | Plug # | Plug Size | Design Flow | NPSHa * | TDH * | Size * | Number of Pumps | Bypass Length |
|----------|------------|--------|-----------|-------------|---------|-------|--------|------------------------|---------------|
| Bypass 1 | 8 in. | 1A&1B | 8 in. | 28 GPM | - | - | - | 2 (Including 1 Backup) | 200'± |
| Bypass 2 | 10 in. | 2A&2B | 10 in. | 209 GPM | - | - | - | 2 (Including 1 Backup) | 210'± |

Exhibit B
Agreement 3877-25-PCRWRD



PRELIMINARY
STAGE IV
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NOT FOR
CONSTRUCTION
OR RECORDING

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DATE: 02/25
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ARIZONA DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
ROADWAY DESIGN SERVICES
IRVINGTON ROAD
SEWER MODIFICATION PLANS
FLOW MANAGEMENT PLAN 1

| | | | | | | | |
|-------------------------------|---------------------------|--------------|------------------------|----------------------------|---------------|-------------------|----------------|
| ROUTE: I-19 | F.H.W.A. Arizona Division | STATE: ARIZ. | PROJECT NO: 019 PM 060 | FEDERAL ID NO: 019-A(243)T | SHEET NO: 506 | TOTAL SHEETS: 506 | RECORD DRAWING |
| LOCATION: TRACS NO. F0488 01C | I-19 IRVINGTON RD T1 | | | | | | DWG NO. U-5.14 |
| ADOT | | | | | | OF | |

G-2025-001