



**2018 CIPP Small Pipe Diameter Package
Solicitation Number: CO-00166
Job No.: 17-4547**

**ADDENDUM 2
June 6, 2018**

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

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| RESPONSES TO QUESTIONS |
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- 1. Are there any project areas located in the EARZ? If so, which ones?**

No. None of the Project Locations in this project are located in the Edwards Aquifer Recharge Zone.

- 2. Are there video inspections available of the pipelines? If so, please make them available to the bidders for review.**

Video is not available for all pipelines in the project.

- 3. What NTP date should be used in the Baseline Schedule that must be submitted with the bid?**

Estimated NTP date for Baseline Schedule is August 20, 2018.

- 4. We request that all the traffic control items numbered 530.1 be consolidated into 1 item.**

Items will remain as individual items.

- 5. We request that all the small pipe bypass pumping items numbered 864-S1 be consolidated into 1 item.**

Items will remain as individual items.

- 6. Project Specific Note 2 on drawing sheet 4 states that all service taps shall be epoxy coated or a "top hat" shall be utilized, but there does not appear to be any corresponding reference in the specifications to this work being included or required. Is this lateral connection sealing work required on this contract? If so, can the lateral connection seals be any of the several products that produce a top hat type of lateral connection seal, or are they limited to the specific Top Hat brand product? Also, would these lateral connection seals be part of the work required under item 1109 and required to be performed for all laterals remotely reinstated on the CIPP?**

This note will be removed from the plans. See attached Sheet 04 – General Notes 03

- 7. Project Specific Note 3 on drawing sheet 4 says to apply approved cementitious or cementitious epoxy coating to all existing sanitary sewer manholes per item 910. While most of the existing manholes are noted to be rehabilitated on the drawings, there are several that are not shown to be rehabilitated. Will the Contractor be required to coat all existing manholes, or only the ones shown on the drawings to be rehabilitated?**

Only the Existing Manholes that are labeled to be rehabbed, will need to be rehabbed. Some of the existing manholes located at different project locations have previously been rehabbed and will not require additional rehab work on them.

8. Project Specific Note 7 on drawing sheet 4 states that unscheduled lane closures must be done at night with the presence of police officer(s) and a City inspector, and that the Contractor shall provide a minimum of two uniformed police officers to assist with traffic control in work areas at the contractor's sole expense. Please confirm that this requirement will only apply to unscheduled lane closures. Also, please confirm it will only apply to major streets on the project, and not to all streets, and clarify to which specific streets it will apply.

Yes, this is only for unscheduled lane closures, and yes, it applies to all Major streets. This is for emergency situations, where an unscheduled lane closure may be necessary.

9. Only a few of the manholes that are shown to be rehabilitated on the drawings are also shown to require installation of a new watertight ring and cover. Will the ring & cover only be required to be replaced where noted on the drawings? Please confirm that the ring & cover will not be required to be replaced on every manhole being rehabilitated, and will only require replacement where specifically noted on the drawings.

Ring and Cover to be installed only where labeled in the plans. MH Rehabilitation does not require new Ring and Covers, unless specifically labeled as such.

10. Project Specific Note 20a on drawing sheet 4 states that all sanitary sewer laterals shall be provided with a cleanout to be placed in the field as directed by SAWS inspector or engineer. Is it SAWS intention to install a cleanout on every lateral where one does not currently exist? Will any required installation of cleanouts be paid under item 854.2?

No, not all laterals will require new clean-outs where they are not currently present. Cleanout locations are undesignated and will be installed where they are needed, as directed by SAWS inspector or engineer, and paid under item 854.2.

11. Project Specific Note 20e on drawing sheet 4 states that the Contractor shall be required to expose all sanitary sewer service lines at the proposed curb line to assure that these lines will not be damaged by construction operations. Given the mostly trenchless nature of this project, which laterals will this requirement apply to? Please clarify.

This note will be removed from the plans. See attached Sheet 04 – General Notes 03

12. Sequence of Construction Note 4e on drawing sheet 4 says to grout existing sanitary sewer between MH 80687 and MH 80794 and between Prop MH-1 and MH 80795. These manhole segments do not appear to be on this project, and we could not find mention of this grouting work elsewhere on the drawings. Please clarify.

Disregard this note. Sequence of Construction to be removed and replaced with new language. See attached Sheet 04 – General Notes 03

13. Given the nature of the project and the already short response time for questions and in addition to your earlier email, we request that the question response and bid submittal schedule be postponed.

No. The Schedule will not change.

CHANGES TO THE SPECIFICATIONS

1. Supplemental Conditions Page 129, SS-4, General Conditions, Remove the following in its entirety.

Installation Floater – Physical Damage Insurance which insures SAWS and the City for damages to all Property Purchased for, or Assigned to, the Project commencing on the start date through completion. Policy limits shall be in an amount equal to the total contract cost contracted herewith. The policy form shall be an all risk form and shall include coverage for both during transit and while stored at the work site.

The remaining sections of Article V shall remain the same.

CHANGES TO THE PLANS

1. Sheet 04 – General Notes 03

END OF ADDENDUM

This Addendum, including these three (3) pages, is four (4) pages with attachments in its entirety.
Attachments:

none



Douglas V DiCiccio
Civil Engineering Consultants, Don Durden, Inc.



PLOTTED ON: 6/5/2018 @ 6:09:46 PM
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TRAFFIC CONTROL PLAN (TCP) NOTES

GENERAL SECTION

1. THE CONTRACTOR SHALL NOT HAVE EXCLUSIVE USE OF THE RIGHT OF WAY BUT SHALL COOPERATE IN THE USE OF THE RIGHT OF WAY WITH THE CITY OF SAN ANTONIO AS WELL AS VARIOUS PUBLIC UTILITY COMPANIES AS MAY BE REQUIRED. IN THE EVENT OF UNFORESEEN UTILITY ADJUSTMENTS, THE CONTRACTOR SHALL EXECUTE WORK IN SUCH A MANNER AND SEQUENCE AS TO ALLOW THE ADJUSTMENTS TO BE MADE WITH MINIMAL DISRUPTION TO TRAFFIC.
2. TRAFFIC MUST BE HANDLED APPROPRIATELY THROUGH THE PROJECT DURING CONSTRUCTION AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR THE SAFETY AND COMFORT OF THE TRAVELING PUBLIC AT ALL TIMES. THE CONTRACTOR SHALL BE REQUIRED TO GIVE THE TRAVELING PUBLIC AT LEAST 48 HOURS ADVANCE NOTICE OF ANY LANE CLOSURES OR CHANGE IN TRAFFIC FLOW DIRECTION.
3. THE CONTRACTOR'S ATTENTION IS CALLED TO THE NECESSITY OF ERECTING AND MAINTAINING BARRICADES, WARNING SIGNS, AND DIRECTIONAL SIGNS AT ALL APPROACH STREET INTERSECTIONS IN ORDER TO PROPERLY DIRECT TRAFFIC WITHIN THE LIMITS OF THIS PROJECT. ALL SUCH BARRICADES, WARNING SIGNS, AND DIRECTIONAL SIGNS SHALL COMPLY WITH THE LATEST EDITION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD).
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TRANSITION ALL PROPOSED PAVEMENT ELEVATIONS TO EXISTING DRIVEWAYS AND INTERSECTIONS.
5. CONTRACTOR SHALL PROVIDE VEHICULAR INGRESS AND EGRESS ACCESS TO AT LEAST ONE DRIVEWAY PER PROPERTY AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
6. CONTRACTOR SHALL PROVIDE FOR THE SAFE MOVEMENT OF ALL PEDESTRIAN TRAFFIC AND BICYCLE TRAFFIC IN AND AROUND THE CONSTRUCTION AREA DURING THE CONSTRUCTION PHASING. ALL SUCH BARRICADES, WARNING SIGNS, AND DIRECTIONAL SIGNS SHALL COMPLY WITH THE LATEST EDITION OF THE TMUTCD.
7. ACCESS TO PROPERTIES AND BUSINESSES ADJACENT TO THE RIGHT OF WAY MUST BE PROVIDED AND MAINTAINED AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR WILL PERSONALLY CONTACT THE BUSINESS OR PROPERTY OWNER AT LEAST 5 DAYS IN ADVANCE OF ANY DRIVEWAY CLOSURE. IF THE PROPERTY HAS MORE THAN ONE DRIVEWAY, THEY SHALL BE CLOSED ONLY ONE AT A TIME. IF THE PROPERTY ONLY HAS ONE ACCESS, THE DRIVEWAY SHALL BE BUILT IN HALF SECTIONS. IF CLOSURE OF A SINGLE ACCESS TO ANY BUSINESS IS REQUIRED FOR DRAINAGE OR UTILITY WORK, THIS ACTIVITY SHALL BE PERFORMED DURING OFF-PEAK HOURS OR AS DIRECTED BY THE ENGINEER.
8. METAL PLATES WILL BE ALLOWED TO COVER TRENCHES LEFT OVERNIGHT AND/OR DURING THE DAY THAT HAVE NOT HAD BACKFILL PLACED BUT SHALL NOT BE USED ON ANY SPECIFIC TRENCH FOR MORE THAN 3 CALENDAR DAYS. A HMA (TY D) MIX OR APPROVED EQUAL BY THE ENGINEER SHALL BE USED AROUND THE EDGES OF ALL METAL PLATES PLACED IN THE PAVEMENT TO PROVIDE A SMOOTH TRANSITION OVER THE PLATES. IF CONTRACTOR CHOOSES NOT TO UTILIZE METAL PLATES, ALL OPEN TRENCHES MUST BE BACKFILLED AT THE END OF EACH WORKING DAY TO ALLOW FOR NON-INTERRUPTED, FREE-FLOW TRAFFIC.
9. THE CONTRACTOR WILL PROVIDE A SMOOTH TRANSITION AND REMOVE AND CLEAN ANY MATERIALS AND EQUIPMENT THAT ENDANGERS THE PUBLIC. A MAX DROP OFF SLOPE OF 6:1 SHALL BE IMPLEMENTED FOR ALL EDGE DROP OFFS NOT PROTECTED BY PORTABLE CONCRETE TRAFFIC BARRIER. REFER TO "WORKSHEET FOR EDGE CONDITION TREATMENT TYPES" FOR EDGE OF PAVEMENT SLOPE RATES
10. UNLESS AUTHORIZED BY ENGINEER, CONTRACTOR MAY NOT SHUT DOWN ANY LANES DURING PEAK HOURS. ALL EXISTING TRAFFIC LANES ARE TO BE OPENED TO TRAFFIC DURING PEAK HOURS AND AT THE END OF EACH WORK DAY.
11. PEAK HOURS ARE DEFINED AS FOLLOWS:
 MONDAY THRU FRIDAY
 7:00 A.M. TO 9:00 A.M. AND
 4:00 P.M. TO 6:00 P.M.
12. ADVANCE WARNING LANE CLOSURE SIGNS SHALL BE COVERED WHEN ALL EXISTING LANES ARE OPEN TO TRAFFIC.

PROJECT SPECIFIC NOTES

PROJECT GENERAL NOTES

1. REPLACE (OPEN CUT) PIPE AT LOCATIONS BETWEEN MANHOLES AS INDICATED AND CONNECT TO EXISTING SYSTEM.
2. APPLY APPROVED CEMENTITIOUS OR CEMENTITIOUS EPOXY COATING TO ALL EXISTING SANITARY SEWER MANHOLES PER ITEM 910.
3. CONTRACTOR TO VERIFY ALL SANITARY SEWER/EASEMENT LOCATIONS. ROW & EASEMENT LINES SHOWN ARE APPARENT AND BASED ON BEXAR COUNTY APPRAISAL DISTRICT MAPS.
4. ALL UTILITIES DEPICTED WERE DRAWN PER AVAILABLE BLOCK MAPS, RECORD DRAWINGS, AND PROVIDED UTILITY PAINT MARKS.
5. CONTRACTOR SHALL COORDINATE WITH SAWS AND PROPERTY OWNERS TO GAIN ACCESS TO SITES LOCATED IN EASEMENTS AND PRIVATE PROPERTIES.
6. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH TMUTCD AND TXDOT STANDARDS TO SAWS FOR REVIEW. UNSCHEDULED LANE CLOSURES MUST BE DONE AT NIGHT WITH THE PRESENCE OF POLICE OFFICER(S) AND A CITY INSPECTOR. CONTRACTOR SHALL PROVIDE A MINIMUM OF TWO UNIFORMED POLICE OFFICERS TO ASSIST WITH TRAFFIC CONTROL IN WORK AREAS AT THE CONTRACTOR'S SOLE EXPENSE.
7. WHERE APPLICABLE, SEWER MAIN PAVEMENT QUANTITIES ARE IN ACCORDANCE WITH DD-804-01 (SHEET 3) AND SEWER LATERAL CONNECTIONS WITH THE PROJECT SPECIFICATIONS.
8. NEW MANHOLE RING AND COVERS SHALL BE WATERTIGHT AND INSTALLED WITH CONCRETE MANHOLE RING ENCASUREMENT PER SAWS STD. DWG. DD-852-03
9. WHEN REMOVING AND REPLACING MANHOLES, MATCH EXISTING INVERTS.
10. RINGS AND COVERS FROM MANHOLES TO BE ABANDONED, REMOVED, OR REPLACED SHALL BE SALVAGED AND THE HOLE BACKFILLED TO THE SATISFACTION OF THE INSPECTOR (N.S.P.I.)
11. ALL FITTINGS AND APPURTENANCES NOT IDENTIFIED BY A SPECIFIC PAY ITEM SHALL BE INCLUDED IN THE BID PRICE FOR THE PIPELINE.
12. THE CONTRACTOR SHALL PROTECT EXISTING SANITARY SEWER UNTIL ABANDONED.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUOUS FLOWS AND RECONNECTING ALL EXISTING SERVICES AS PIPE IS LAID.
14. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND PROTECTING THE INTEGRITY OF POWER POLES AND GUY WIRES DURING CONSTRUCTION (N.S.P.I.)
15. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SEWER SERVICE TO EXISTING SEWER MAINS AND SERVICES AT ALL TIMES.
16. CONTRACTOR SHALL PROTECT AND/OR REPAIR (IF DAMAGED) ANY EXISTING WATER/SEWER SERVICE LATERALS AND IRRIGATION SHOWN OR NOT SHOWN (N.S.P.I.)
17. GIVEN THE NATURE OF REHAB WORK, QUANTITIES IN THE PLANS ARE SUBJECT TO CHANGE. CHANGES MAY INCLUDE QUANTITIES OF WORK OR LOCATION WHERE WORK IS ACTUALLY REQUIRED. A CHANGE OF LOCATION OR QUANTITY WILL NOT BE CAUSE FOR ADDITIONAL PAY. SAWS RESERVES THE RIGHT TO REMOVE ANY PORTION OF THE WORK AND WILL PAY FOR ELIGIBLE WORK PER PAY ITEMS FOR THE PROJECT. THESE CHANGES WILL BE COORDINATED WITH SAWS INSPECTORS.
18. CONTRACTOR SHALL COORDINATE WITH INSPECTOR AND MINIMIZE PAVEMENT IMPACT AND RELATED COSTS. PAVEMENT REPLACEMENT LIMIT SHALL BE COORDINATED WITH INSPECTOR AND CITY TO REPAIR ONLY WHAT IS NECESSARY FOR THE REHAB WORK.
19. SERVICE LATERALS
 - a. ALL SANITARY SEWER LATERALS SHOULD BE PROVIDED WITH A CLEAN OUT, TO BE PLACED IN THE FIELD AS DIRECTED BY SAWS INSPECTOR OR ENGINEER.
 - b. VERTICAL STACKS REQUIRED FOR SANITARY SEWER LATERALS ARE NOT SHOWN ON THE PLANS AND SHALL BE INSTALLED WHERE DIRECTED BY THE INSPECTOR.
 - c. CEMENT STABILIZED SAND BEDDING SHALL BE SUBSIDIARY TO LATERALS.
 - d. ALL SANITARY SEWER LATERALS SHALL BE SDR-26 PVC PIPE (ASTM D-2241) WITH A MINIMUM PRESSURE RATING OF 160 PSI.
20. NOTE FOR CITY OF SAN ANTONIO FLATWORK:
 ALL LIMITS FOR CURB, SIDEWALK, AND TREE PREP BEYOND WHAT IS CONSIDERED INCIDENTAL TO NORMAL UTILITY CONSTRUCTION WILL BE ADDRESSED BY THE SAWS INSPECTOR, ALL COMMUNICATION FROM THE CITY WILL BE COORDINATED THROUGH THE SAWS INSPECTOR. SAWS INSPECTOR WILL ALSO DETERMINE IF ADDITIONAL COMPENSATION IS WARRANTED IF LIMITS EXCEED INCIDENTALS.

TRENCH EXCAVATION SAFETY PROTECTION

21. TRENCH EXCAVATION SAFETY PROTECTION SHALL BE ACCOMPLISHED AS REQUIRED BY THE LATEST PROVISION OF PART 1926 SUBPART P – EXCAVATION, TRENCHING AND SHORING OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS AND INTERPRETATIONS, OR THE MOST APPLICABLE APPROVED EQUAL PROVISION, AS MAY BE AMENDED.

SEQUENCE OF CONSTRUCTION

1. PLACE PROJECT ADVANCE WARNING SIGNS AND BARRICADES. SIGNS TO REMAIN FOR DURATION OF PROJECT.
2. ESTABLISH EROSION AND SEDIMENTATION CONTROLS AS NECESSARY AND PER STANDARDS.
3. IMPLEMENT TCP SETUP ACCORDING TO TCP LAYOUTS, TMUTCD AND TXDOT STANDARDS
4. COMPLETE CIPP AND CIPP RELATED WORK.
 - a. TELEVIEW EXISTING MAINS TO CONFIRM POINT REPAIRS, OBSTRUCTION REMOVALS, AND LATERAL LOCATIONS, PER INSPECTOR.
 - b. COMPLETE POINT REPAIRS, OBSTRUCTION REMOVALS, AND LATERAL RECONNECTIONS.
 - c. COMPLETE CIPP WORK.
 - d. MEANS AND METHODS OF ACCOMPLISHING THE COMPLETE WORK ARE A CONTRACTOR'S RESPONSIBILITY.
5. REMOVE ALL SW3P DEVICES AS DIRECTED.
6. PERFORM FINAL CLEANUP.



ADDENDUM 2

NOT TO SCALE

DOUGLAS V. DICICCIO, P.E.
6/5/2018

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 TBPLS REGISTRATION NO.: 100410-00

| No. | Revision | Drawn | Approved | Date |
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REVISIONS

2018 CIPP SMALL PIPE DIAMETER PACKAGE
 GENERAL NOTES
 SHT 3

DEVELOPER: _____
 CONT. BUDGET PROJ. _____

SUBMITTED _____
 APPROVED _____

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|-----------|-----------------|-------|
| MAP No. | Compkey | SHEET |
| SECT. No. | | 4 |
| DR. [CK.] | JOB No. 17-4547 | Of 67 |