

CITY OF WICHITA FALLS

HOLLIDAY CREEK INTERCEPTOR REHABILITATION



ADDENDUM NO. 1
August 30, 2019



FREESE AND NICHOLS, INC.
TEXAS REGISTERED
ENGINEERING FIRM
F-2144

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Bid Time: Tuesday, September 3rd, 2017, 2:15 P.M. CST.

Updated Bid Time: Tuesday, September 17th, 2019, 2:15 P.M. CST

01 99 99.01 ADDENDUM NUMBER 1

The following additions, deletions, modifications, or clarifications shall be made to the appropriate sections of the Contract Documents. Bidders shall acknowledge receipt of this Addendum in the space provided on the Bid Form.

BIDDING REQUIREMENTS:

Section B – “Notice to Bidders”

Modification: Replace the first paragraph with the one included below.

“Sealed bids will be received by the City of Wichita Falls, Texas at the **Purchasing Office, Room 113**, Memorial Auditorium, 1300 7th Street, Wichita Falls, Texas 76301 until **2:00 P.M., September 17th 3rd, 2019**, for the Holliday Creek Sanitary Sewer Rehabilitation Project and publicly opened and read at 2:15 P.M., in Room 500, Memorial Auditorium.”

TECHNICAL SPECIFICATIONS:

Section 02 96 00 “Temporary Bypass Pumping”

Modification: Delete this section and replace it with the section included with this addendum.

DRAWINGS:

REPLACE THE FOLLOWING SHEETS:

Replace Sheet	With Sheet
Sheet 2 – General Notes	Sheet 2 – General Notes

END OF ADDENDUM NO. 1

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. #1

(Contractor)

By: _____

CAUTION:

FAILURE TO SUBMIT THIS SIGNED ADDENDUM WITH THE BID PROPOSAL FORM WILL BE CAUSE FOR REJECTION FOR BID.

CITY OF WICHITA FALLS



T. Blane Boswell, P.E., City Engineer

02 96 00 TEMPORARY BYPASS PUMPING

1.00 GENERAL

1.01 WORK INCLUDED

- A. Furnish labor, materials, equipment and incidentals necessary to implement a temporary bypass pumping system for the purpose of diverting existing sewer flows around the work area regardless of number of locations, set-up's, length and duration, and shall be for the duration of the project.
- B. References to Technical Specifications:
 - 1. Section L - Supplemental Conditions
 - 2. Section 01 33 00 "Document Management"

1.02 MEASUREMENT AND PAYMENT

- A. Measurement for the Work specified herein will be by lump sum, as the Work progresses, and as required by the plans and specifications, in accordance with Section L - Supplemental Conditions. Partial payment of the lump sum bid item for temporary bypass pumping shall be in accordance with the following: (Multiple set-ups and operations shall be included in the lump sum price)
 - 1. When initial set-up and operation of the temporary bypass pumping system begins, 40% of the line item will be paid.
 - 2. The remaining portion of the line item will be paid when the temporary bypass pumping system operations for the entire job are completed.
- B. Temporary Bypass Pumping not specifically required on plans, but directed by the Engineer and/or the Inspector, will not be measured separately for payment and will be considered incidental. Repair or replacement of manhole sections disturbed as a part of the temporary bypass pumping operations is considered incidental to the line item and will not be measured separately for payment.

1.03 QUALITY ASSURANCE

- A. The Contractor shall demonstrate that the temporary bypass pumping system is in good working order and is sufficiently sized to successfully handle all sanitary sewer flows by performing a test run for a period of 24 hours prior to beginning Work.
- B. The Contractor shall be required to have all materials, equipment and labor necessary to complete the repair and/or replacement on the job site prior to isolating the sewer manhole, or line segment and beginning flow diversion or pumping operations.
- C. The Contractor shall provide both a strobe light type high level alarm, as well as alarm notification to their cell phones, as well as other appointed personnel to be identified by the Owner, and ensure adequate alarm notification is attained prior to actual startup of the test period.
 - 1. During active operations, the Contractor shall have personnel on site 24/7 if multiple locations are active within a project site the contractor must maintain a ratio of 2 to 1, active by-pass pumping areas to personnel. If the two sites are

more than 1000 feet away from each other or the high-level strobe alarm cannot be seen from each location than the contractor will need dedicated personnel at every site.

- D. The Contractor shall coordinate all activities through Engineer and Owner.
- E. It is anticipated that by-pass pumping shall be required at the following locations:
 - 1. At each section of the Holliday Creek Interceptor that is being lined with CIPP or where a manhole is being rehabilitated or removed.

1.01 SUBMITTALS

- A. Make Submittals required by this Section under the provisions of Section 01 33 00 "Document Management".
- B. Manufacturer's Product Data, instructions, recommendations, shop drawings, and necessary certifications in order for the proposed Temporary Bypass Pumping Plan to be reviewed. The plan shall include, but not be limited to, the following:
 - 1. Staging areas for pumps
 - 2. Sewer plugging method and types of plugs
 - 3. Number, size, material, location and method of installation of suction piping
 - 4. Number, size, material, location and method of installation of discharge piping
 - 5. Bypass pump sizes, capacity, number of each size to be on site, including spare pump, and power requirements
 - 6. Calculations of static lift, friction losses, and flow velocity (pump curves showing pump operating range shall be submitted based on bypass pumping schedule at the end of this section)
 - 7. Standby power generator size, location
 - 8. Downstream discharge plan
 - 9. Calculations for selection of bypass pumping pump size
 - 10. Method of noise control for each pump and/or generator
 - 11. Method of protecting discharge manholes or structures from erosion and damage
 - 12. Schedule for installation of and maintenance of bypass pumping lines

2.00 PRODUCTS


2.01 MATERIALS

- A. The Contractor shall provide all necessary pumping equipment, piping and all other necessary appurtenances in order to maintain adequate and reliable sanitary sewer flow in the sewer system (excluding manholes) at all times during construction. All materials, equipment, etc., must be in good condition and should not have visible damage such as cracks, holes, foreign material, blisters, etc.
- B. High-Density Polyethylene (HDPE) is the preferred pipe material for all bypass piping.

HDPE must be used when bypass discharge piping will be going through streams, storm water culverts, and/or environmentally sensitive areas.

1. HDPE pipe must be assembled and joined using couplings, flanges or fusion welding in order to avoid joint leakage.
 2. HDPE fusion welding must be performed by personnel certified as fusion technician(s) by the manufacturer of HDPE pipe and/or fusing equipment.
 3. The bypass pumping plan shall indicate the proposed DR of the pipe to be used.
- C. Pipe material other than HDPE shall be submitted to the Engineer for approval. Neither 'irrigation type' pipe nor glued PVC pipe will be permitted.
- D. Plugs must be selected and installed according to the size of the line to be plugged. An additional plug must be onsite and ready to be installed in the event a plug fails or becomes dislodged. Plug(s) will be reviewed by the Inspector and/or Engineer for defects that might lead to failure prior to being installed. It is also imperative that the Contractor notify the Inspector at the completion of the work in order to verify that all plugs have been removed from the system.

2.02 EQUIPMENT

-  A. Pumps must be fully automatic self-priming units that do not require the use of foot-valves or vacuum pumps to prime the system. Pumps may be electric or diesel powered. ~~The primary pump must be a grinder or chopper pump, in order to reduce the potential for debris to complicate the safe operation of the pumps.~~ **Grinder or chopper pumps are recommended but not required due to the potential for debris to complicate the safe operation of the pumps.**
- B. Contractor shall have one backup pump, equal in capacity to the largest pump in the system, connected to the temporary bypass pumping system, and ready for operation in case any of the primary pumps fail. The backup pump shall not be used in Contractor's calculations for determining the pumping capacity requirements for the stated flow conditions.
- C. Sound-attenuated pump enclosures shall be required on all projects where the bypass pumps are located within 100 feet of any residence, business, park, or other presence of people.

3.00 EXECUTION

3.01 PREPARATION

- A. Obtain Engineer's approval of location of bypass pipelines, staging areas and pump locations prior to installation.
- B. Obtain approvals for placement within public or private property.

3.02 CONSTRUCTION, INSTALLATION, AND REMOVAL

- A. During construction, it will be the Contractor's responsibility to maintain a safe and secure environment at all times. All provisions and/or requirements of the temporary bypass pumping plan must be followed throughout the course of any bypass flow operations. Contractor must notify the Owner 72 hours prior to commencing the bypass

pumping operations.

- B. Contractor shall provide continuous supply on-site fuel storage sufficient for 24 hour operation of the bypass pumping installation.
- C. Contractor shall protect all components of the bypass operations from vandalism and vehicular damage by making the site secure.
- D. Contractor shall minimize sewer odors by using lids, shroud covers, or any method approved by the Inspector or Engineer.
- E. Contractor shall be solely responsible for any and all damages to private and/or public property caused by, or during, the installation, operation, and or removal of the bypass pumping system.
- F. All piping, joints and accessories shall be designed to withstand at least twice the maximum system pressure, or a minimum of 50 psi, whichever is greater.
- G. During flow diversion and/or pumping, no sewage shall be leaked, dumped, or spilled in or onto, any area outside of the existing sanitary sewer system.



1. **If a spill, leak or Sanitary Sewer Overflow occurs as a result of construction, flow diversion or by-pass pumping operations, the contractor shall be responsible for any damages associated with those occurrences to include fines from TCEQ.**

- H. When flow diversion and/ or pumping operations are complete, all pumping shall be drained into the sanitary sewer prior to disassembly and all flow management components shall be removed.

3.03 BYPASS PUMPING SCHEDULE

- A. Flows shown below are based on flow data provided by the city.
 - 1. **The contractor may use Lift Station #25 and its associated force main and gravity system as part of their flow diversion/by-pass pumping plan. The contractor is only allowed to use one pump in the lift station during by-pass pumping operations.**
 - 2. **List Station #25 pumps are rated at 2,750 gpm (3.96 MGD) @25 TDH.**
 - 3. **The contractor shall be responsible for providing by-pass pumping capacity equal to or greater than the listed average dry weather flow for a given by-pass pumping scenario. The average dry weather flows are shown for in the table below and include the location of all known laterals and connections.**



- B. It is the Contractors responsibility to verify the flows with the City prior to development of bypass pumping plan.

Sanitary Sewer Manhole/ Location	Average Dry Weather MGD	Peak Wet Weather MGD
Holliday Creek Interceptor	2.6	10.72



Sequence	Location/Manhole	Average Daily Flow
1	Lift Station #25 Diversion Structure	2.48 MGD
2	MH3139	0.53 MGD
3	MH3133	0.0024 MGD
4	MH3121	0.66 MGD

END OF SECTION

GENERAL NOTES AND SPECIFICATION DATA:

1. THESE PLANS AND THE ACCOMPANYING SPECIFICATIONS ARE INTENDED TO PRECISELY AND COMPLETELY DEFINE THE WORK TO BE PERFORMED. ALL PROVISIONS SPECIFICALLY ADDRESSED BY PAY ITEM ARE TO BE INTERPRETED AS SUBORDINARY TO THE PROJECT OVERALL. PAYMENT AS OUTLINED IN THE SPECIFICATIONS SHALL BE MADE UPON COMPLETION OF THE PROJECT. ALL MATERIALS, METHODS, AND PROCEDURES TO BE USED IN THE PROJECT AS SHOWN AND AS SPECIFIED, ALL DEBRIS AND REMOVED MATERIAL SHALL BE OWNED BY THE CONTRACTOR AND DISPOSED OF OFF PROPERTY OR SALVAGED APPROPRIATELY. ADDRESS OF INTENT TO WORK ON WEEDINGS BY CLOSE OF BUSINESS THURSDAY.
2. UNLESS OTHERWISE SPECIFIED WITHIN THESE PLAN SHEETS, THE BOOK OF "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" PUBLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION SHALL GOVERN OVER ALL OTHER SPECIFICATIONS FOR THIS PROJECT, UNLESS OTHERWISE DIRECTED OTHERWISE BY THE ENGINEER.
3. PRIOR TO COMMENCING CONSTRUCTION IN ANY AREA, A REPRESENTATIVE OF THE CONTRACTOR SHALL MEET WITH THE PUBLIC WORKS DIVISION INSPECTOR AND MAKE A VIDEO RECORDING WHICH DENOTES THE EXISTING CONDITION AND LOCATION OF THE AREA AND THE DATE. A COPY OF THE VIDEO RECORDING SHALL BE FURNISHED TO THE ENGINEER AT THE PRE-CONSTRUCTION MEETING.
4. THIS PROJECT IS SUBJECT TO THE AMERICAN IRON AND STEEL (AISI) REQUIREMENTS OF SECTION 608 OF THE FEDERAL WATER POLLUTION CONTROL ACT (FWPCA) AND ALL APPLICABLE FEDERAL, STATE AND LOCAL CONSTRUCTION AND OPERATION REGULATIONS. ALL MATERIALS AND METHODS OF CONSTRUCTION MUST BE APPROVED BY THE ENGINEER. THESE PLANS MUST BE PRODUCED IN THE UNITED STATES.

LOCATION:

1. THIS PROJECT IS TO BE CONSTRUCTED ENTIRELY WITHIN PARK AND CREEK ROW OWNED BY THE CITY. THE CONTRACTOR IS IN NO WAY AUTHORIZED TO ENTER ONTO PRIVATE PROPERTIES FOR CONSTRUCTION, STORAGE OF EQUIPMENT OR MATERIALS, OR OTHER PURPOSES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE PROPERTY OWNER'S PERMISSION TO USE ANY ADJACENT PRIVATE PROPERTY. ALL AGREEMENTS SHALL BE FURNISHED TO THE ENGINEER.

TRAFFIC CONTROL:

1. THE CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) AND THE TEXAS MANUAL ON UNIFORM CONTROL DEVICES (TMUCD). ALL TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF WORK WITHIN THE PUBLIC RIGHT-OF-WAY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE CITY ENGINEER AND THE TEXAS DEPARTMENT OF TRANSPORTATION FOR THE REMOVAL AND REINSTALLATION OF ALL TRAFFIC CONTROL DEVICES. ADDITION, THE CONTRACTOR SHALL PROVIDE TO THE CITY A TRAFFIC CONTROL PLAN BEFORE ANY WORK IS DONE WITHIN THE PUBLIC RIGHT-OF-WAY.
2. NO STREET CLOSURES WILL BE AUTHORIZED WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
3. THE CONTRACTOR SHALL REGULATE THE WORK SO THAT NO UNNECESSARY INTERFERENCE WITH TRAFFIC OR ACCESS TO PRIVATE PROPERTY IS CAUSED BY CONSTRUCTION OPERATIONS.
4. WHEN WORKING ON THE HOLIDAY CREEK TRAIL, PLACE SIGNAGE SUFFICIENT TO ALERT PEDESTRIANS.

UTILITIES:

1. THE CITY OF WICHITA FALLS, TEXAS IS NOT RESPONSIBLE FOR DEBITS CAUSED TO THE CONTRACTOR BY INTERFERENCE FROM THE UTILITY COMPANIES. ALL WORK PERFORMED ON UTILITY LINES OTHER THAN THE PROPOSED UTILITY LINES BEING INSTALLED SHALL BE DONE BY LICENSED PERSONNEL WHO ARE RESPONSIBLE FOR NOTIFYING THE UTILITY COMPANIES AND BEING RESPONSIBLE FOR CONDUCTING ALL UTILITIES TO BE EXPOSED BY EXPOSING THE LINES PRIOR TO WORKING NEAR THEIR FACILITIES. THE CITY OF WICHITA FALLS HAS MADE EVERY EFFORT TO LOCATE ALL UTILITY LINES (PRIVATE AND PUBLIC) AND THE GENERAL LOCATION OF KNOWN UTILITY LINES MAY NOT BE SHOWN ON THESE PLANS, AND THIS DOES NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY OF CONTACTING THE UTILITY COMPANIES, OBSERVING SURFACE INDICATIONS OF UTILITIES NOT SHOWN ON THESE PLANS, AND PROBING IN FRONT OF EXCAVATIONS.
2. THE CONTRACTOR MUST CONTACT THE FOLLOWING COMPANIES PRIOR TO BEGINNING ANY CONSTRUCTION TO VERIFY LOCATIONS OF ALL UTILITY LINES: CITY OF WICHITA FALLS (WATER & SEWER) PUBLIC UTILITIES (940) 761-7989 AND (940) 761-7989 AND (940) 761-7989. CONTRACT TENDERS SHALL OBTAIN ONLINE AT WWW.TEAS811.ORG OR CALL AT 1-800-344-8377 OR (940) 761-7989.
3. "PROPOSED MANHOLE RAMP" APPLY ONLY TO THOSE MANHOLES REMOVED/REPLACED OR REEVALUATED. CONTRACTOR TO VERIFY WITH ENGINEER FINAL RIM ELEVATIONS PRIOR TO MANUFACTURING.

EXCAVATION AND BACKFILL:

1. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING LOCATIONS FOR SPILL OR SURPLUS EXCAVATED MATERIALS AND DISPOSAL OF WASTE. CITY WILL NOT WAIVE LANDFILL CHARGES FOR THE CONTRACTOR UNLESS THE SPILLS ARE DETERMINED CLEAN AND FREE FROM DEBRIS. BID UNITS SHOULD INCLUDE AMOUNTS TO COVER THIS EXPENSE. EXCAVATED MATERIAL SHALL BE STORED IN A SECURE AREA AS DETERMINED BY THE ENGINEER. SPILL MATERIAL MAY BE USED IN AREAS OF BACKFILL PROVIDED IT MEETS THE SPECIFICATION REQUIREMENTS FOR BACKFILL MATERIAL. SOURCES OF BACKFILL MATERIAL MAY BE APPROVED AT THE DISCRETION OF THE ENGINEER. ALL EXCAVATIONS SHALL BE MADE IN ACCORDANCE WITH THE OSHA TRENCH SAFETY PROVISIONS. THE CONTRACTOR SHALL REMOVE MUD AND OTHER DEBRIS CAUSED BY EXCAVATION OPERATIONS FROM CITY STREETS AND/OR ALLEYS THROUGHOUT THE PROJECT.

PROTECTION OF TREES, PLANTS, ETC.:

1. NO TREES SHALL BE REMOVED UNLESS SO NOTED OR UPON THE SPECIFIC REQUEST OF THE ENGINEER. TREES TO BE REMOVED SHALL BE MAINTAINED TO THE LINE OF WORK AND ARE NOT TO BE REMOVED. THE CONTRACTOR SHALL PROTECT SUCH TREES, ETC. AND SHALL NOT PERMIT MACHINERY OR EMPLOYEES TO SCUPE OR TEAR THE LIMBS FROM SUCH TREES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO TREES CAUSED BY MACHINERY AND/OR EMPLOYEES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES AND ANY SUCH DAMAGE SHALL BE REIMBURSED TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF TREES, PLANTS, ETC. WHICH CANNOT BE ADEQUATELY PROTECTED EXCEPT BY REMOVAL AND REPLACEMENT.

ENVIRONMENTAL

1. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE TERMS AND CONDITIONS OF THE PERMIT. THE PERMIT INCLUDES PERMITS (NWP) 3, MAINTENANCE, WHICH INCLUDES SECTION 401 WATER QUALITY CERTIFICATION, CONSTRUCTION ACTIVITIES OUTSIDE OF USAGE RIGHT-OF-WAY MAY BE IN VIOLATION OF NWP 3.
2. FOR CONSTRUCTION WITHIN THE 100-YEAR FLOODPLAIN OF HOLIDAY CREEK, A FLOODPLAIN DEVELOPMENT PERMIT HAS BEEN ACQUIRED FROM THE LOCAL FLOODPLAIN ADMINISTRATOR. THE CONTRACTOR SHALL BE REQUIRED TO FULLY COMPLY WITH THE REQUIREMENTS OF THIS PERMIT.
3. ALL EROSION AND SEDIMENT CONTROL SHALL BE COMPLETED IN ACCORDANCE WITH THE Swapp Plans.
4. CREEK WATER MAY BE USED DURING CONSTRUCTION BUT IF USED THE WATER CANNOT BE RETURNED TO THE CREEK.
5. THE CONTRACTOR MUST APPLY FOR A TEMPORARY WATER RIGHTS PERMIT FROM THE TEXAS REGIONAL OFFICE IN ARLINE. THE CITY WILL ASSIST THE CONTRACTOR IN THEIR APPLICATION PROCESS. THE TEMPORARY WATER RIGHTS PERMIT LIMITS THE CONTRACTOR TO 10 ACRE-FEET.
6. THE CITY WILL ACCEPT ALL SEWER PIPE CLEANING DEBRIS AT A LOCATION COORDINATED AFTER AWARD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HAULING/TRANSPORTATION OF DEBRIS. THE CITY WILL NOT ACCEPT GENERAL CONSTRUCTION DEBRIS OR EXCAVATION MATERIAL.

SAFETY CONSIDERATIONS:

1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR THE SAFETY OF HIS WORKERS AND THE GENERAL PUBLIC. CHALLENGES ESTABLISHED BY THE CITY OF WICHITA FALLS ARE TO BE INTERPRETED AS A MINOR EFFORT ON THE PART OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE UTILITY COMPANIES AND BEING RESPONSIBLE FOR CONDUCTING ALL UTILITIES TO BE EXPOSED BY EXPOSING THE LINES PRIOR TO WORKING NEAR THEIR FACILITIES. THE CITY OF WICHITA FALLS HAS MADE EVERY EFFORT TO LOCATE ALL UTILITY LINES (PRIVATE AND PUBLIC) AND THE GENERAL LOCATION OF KNOWN UTILITY LINES MAY NOT BE SHOWN ON THESE PLANS, AND THIS DOES NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY OF CONTACTING THE UTILITY COMPANIES, OBSERVING SURFACE INDICATIONS OF UTILITIES NOT SHOWN ON THESE PLANS, AND PROBING IN FRONT OF EXCAVATIONS.
2. THE DECISION ON WHEN TO EVACUATE EQUIPMENT AND/OR PERSONNEL IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE FACTORED IN TO THE PRICE BID FOR THE PROJECT.

BYPASS PUMPING

1. CONTRACTOR SHALL HAVE A PIPE PIECE WITH COUPLINGS ON HAND DURING BY-PASS PUMPING OPERATIONS TO ATTACH TO THE EXISTING PIPE IN THE EVENT OF A MAJOR RAMP EVENT WHILE REPLACEMENT OF THE MANHOLE IS STILL INCOMPLETE.
2. CONTRACTOR MAY USE THE DIVERSION STRUCTURE AND LIFT STATION TO HELP BY-PASS FLOW OFF OF THE HOLIDAY INTERCEPTOR LINE. THE BY-PASS PUMPING PLAN SUBMITTAL.

ACCESS TO SITE

1. CONTRACTOR SHALL ACCESS THE SITE AT THE LOCATIONS INDICATED AND ALL CONSTRUCTION MUST BE LIMITED TO THE DEFINED BOUNDARIES OF THE HOLIDAY CREEK DRAINAGE CHANNEL. RIGHT OF WAY AND CITY OWNED CONSTRUCTION WITH IMPROVAL LANDSCAPING.
2. ACCESS TO MANHOLES SHALL BE TEMPORARY AND EXISTING CONTOURS SHALL BE RESTORED TO ORIGINAL CONDITIONS. ACCESS TO MANHOLES SHALL BE LIMITED TO THE LEAST EXTENT POSSIBLE.
3. ACCESS ACROSS TRAIL BRIDGES IS RESTRICTED TO PERSONNEL VEHICLES ONLY.
4. THE CITY HAS ENGAGED IN DISCUSSIONS WITH WICHITA FALLS COUNTRY CLUB (WFCC) ABOUT POSSIBLE CONSTRUCTION ACCESS OFF OF THEIR MAIN ENTRANCE ROAD. THE WFCC HAS INDICATED THEY WOULD ALLOW ACCESS TO THE SITE THROUGH THE WFCC PROPERTY. THE CONTRACTOR WILL NEED TO SUBMIT AN ACCESS PLAN TO THE CITY AND THE WFCC FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION.
5. RAMP CONSTRUCTION LIMITATIONS ARE BASED ON THE NATIONWIDE PERMIT REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TEMPORARY MATERIALS AND STRUCTURES TO ESTABLISHING PROPER CONSTRUCTION CONTROLS AND ENSURING THE EXISTING SLOPE INTEGRITY IS RESTORED AND VEGETATION IS RE-ESTABLISHED. THE CONTRACTOR SHALL ALSO MAINTAIN THE PROPER STORMWATER POLLUTION DURING CONSTRUCTION.
6. ACCESS POINTS TO THE EXISTING PIPELINE CAN BE AT NON-MANHOLE NON-MANHOLE LOCATIONS. THEN A NEW MANHOLE SHALL BE CONSTRUCTED AND PAID FOR AT THE UNIT PRICE BID. BASED ON THE NEW MANHOLE LOCATIONS, MANHOLES AND PIPES FOR AT THE UNIT PRICE BID. NEW MANHOLE CANNOT EXCEED 800 FEET FROM THE REMAINING UP AND DOWNSTREAM MANHOLE. ACCESS PLAN SHALL BE SUBMITTED TO CITY FOR APPROVAL.

PROJECT NUMBER: WCH18172	DATE: 4-15-18	SCALE: AS SHOWN	FIELD BOOK:	ACAD: CIV-ALL-NOTES.DWG	LAYOUT: GENERAL NOTES
PROJECT MANAGER: RUMARD	DRAWN BY: G	CHECKED BY: SHOWN			
CITY OF WICHITA FALLS HOLIDAY CREEK SANITARY SEWER REHAB CWF18-542-12					
GENERAL NOTES					
NO.	DATE	DESCRIPTION	BY	REVISIONS	
1					

