



**ADDENDUM No. 2**

Date: 3/9/2017  
Requisition No. 39147  
Due Date: 3/15/2017  
Time: 2:00PM

**TO:** Bidders for: Rehabilitation Highland Road Bridges  
No. 156, 157, 158, 226

**FROM:** Cuyahoga County  
Office of Procurement & Diversity

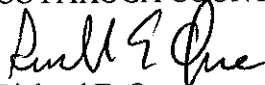
The following are changes/corrections to the above referenced specification package:

See attached document:  
DS-2 Temporary Bypass Pumping Systems and Contractor's Pre-bid Question Log

This does NOT extend the bid due date.

All remaining terms and conditions of the specification package remain in effect and this addendum therefore becomes part of the specification.

Respectfully submitted,  
CUYAHOGA COUNTY

  
Richard E. Opre  
Purchasing Manager

cc: file

Cuyahoga County Administrative Headquarters  
Office of Procurement & Diversity  
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## **DS- 2 TEMPORARY BYPASS PUMPING SYSTEMS**

### **A. SCOPE**

Under this item the Contractor is required to furnish all materials, labor, equipment, power, maintenance, etc. to implement a temporary pumping system for the purpose of diverting the existing wastewater flow around the work area for the duration of the project.

The design, installation and operation of the temporary pumping system shall be the Contractor's responsibility. The Contractor shall employ the services of a vendor who can demonstrate to the Engineer that he specializes in the design and operation of temporary bypass pumping systems. The vendor shall provide at least five (5) references of projects of a similar size and complexity as this project performed by his firm within the past three years. The bypass system shall meet the requirements of all codes and regulatory agencies having jurisdiction.

### **B. REQUIREMENTS**

The Contractor shall prepare with the vendor a specific, detailed description of the proposed pumping system and submit it and the vendor's references.

The Contractor shall submit to the Engineer detailed plans and descriptions outlining all provisions and precautions to be taken by the Contractor regarding the handling of existing wastewater flows. This plan must be specific and complete, including such items as schedules, locations, elevations, capacities of equipment, materials and all other incidental items necessary and/or required to insure proper protection of the facilities, including protection of the access and bypass pumping locations from damage due to the discharge flows, and compliance with the requirements and permit conditions specified in these Contract Documents. No construction shall begin until all provisions and requirements have been reviewed by the Engineer.

The Contractor's plan shall include, but not be limited to, details of 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, method of installation, and location of installation of discharge piping
5. Bypass pump sizes, capacity, number of each size to be on site and power requirements
6. Calculations of static lift, friction losses, and flow velocity (pump curves showing pump operating range shall be submitted)
7. Standby power generator size and location
8. Downstream discharge plan
9. Method of protecting discharge manholes or structures from erosion and damage
10. Thrust and restraint block sizes and locations
11. Sections showing suction and discharge pipe depth, embedment, select fill, and special backfill
12. Method of noise control for each pump and/or generator
13. Any temporary pipe supports and anchoring required

14. Design plans and computation for access to bypass pumping locations indicated on the drawings
15. Calculations for selection of bypass pumping pipe size
16. Schedule for installation of and maintenance of bypass pumping lines
17. Plan indicating locations of bypass pumping lines
18. Any and all other equipment, appurtenances, procedures, etc., required for this work.

#### C. EQUIPMENT

All pumps used shall be fully automatic, self-priming units that do not require the use of foot-valves or vacuum pumps in the priming system. The pumps may be electric or diesel powered. All pumps used must be constructed to allow dry running for long periods of time to accommodate the cyclical nature of effluent flows.

The Contractor shall provide the necessary stop/start controls for each pump.

The Contractor shall include one stand-by pump of each size to be maintained on site. Back-up pumps shall be on-line, isolated from the primary system by a valve.

Discharge Piping - In order to prevent the accidental spillage of flows, all bypass discharge systems shall be constructed of rigid pipe with positive, restrained joints. Under no circumstances will aluminum "irrigation" type piping or glued PVC pipe be allowed. Discharge hose will only be allowed in short sections and by specific permission from the Engineer. **Any spillage and/or leakage of any kind, as well as the cleanup of such spillage or leakage, shall be completely and totally the responsibility of the Contractor and no extra payment shall be made.**

#### D. SYSTEM DESCRIPTION

Design Requirements:

1. Bypass pumping systems shall have sufficient capacity to pump the following peak flows: Bridge No. 156 and 157 - 4,300 GPM and Bridge No. 158 and 226 - 2,400 GPM. The Contractor shall provide all pipeline plugs, pumps of adequate size to handle peak flow, and temporary discharge piping to ensure that the total flow of the main can be safely diverted around the work area. Bypass pumping system shall be required to be operated 24 hours per day.
2. The Contractor shall have adequate standby equipment available and ready for immediate operation and use in the event of an emergency or breakdown. One standby pump for each size pump utilized shall be installed at the mainline flow bypassing locations, ready for use in the event of primary pump failure. Each back-up pump shall be on-line, isolated from the primary system by valve.

3. Bypass pumping system shall be capable of bypassing the entire flow around the work area.
4. The Contractor shall make all arrangements for bypass pumping during the time when the main is shut down for any reason. System must overcome any existing force main pressure on discharge.

Performance Requirements:

1. It is essential to the operation of the existing sewerage system that there be no interruption in the flow of sewage throughout the duration of the project. To this end, the Contractor shall provide, maintain and operate all temporary facilities such as dams, plugs, pumping equipment (both primary and back-up units as required), conduits, all necessary power, and all other labor and equipment necessary to intercept the sewage flow before it reaches the point where it would interfere with his work, carry it past his work, and return it to the existing sewer system downstream of his work.
2. The design, installation and operation of the temporary pumping system shall be the Contractor's responsibility. The bypass system shall meet the requirements of all codes and regulatory agencies having jurisdiction.
3. The Contractor shall provide all necessary means to safely convey the wastewater flows past the work area. The Contractor will not be permitted to stop or impede the flow under any circumstances.
4. The Contractor shall maintain sewer flow around the work area in a manner that will not cause surcharging of sewers, flooding of any kind, and/or damage to sewers, and in such manner that will protect public and private property from damage and flooding.
5. The Contractor shall protect water resources, wetlands and other natural resources. **Any spillage, leakage, flooding, basement flooding, pollution, and/or violation of any environmental laws, rules, or regulations of any kind shall be totally and completely the responsibility of the Contractor, including any and all cleanup and/or fines, and no additional payment shall be made.**

E. FIELD QUALITY CONTROL AND MAINTENANCE

Test:

The Contractor shall perform leakage and pressure tests of the bypass pumping discharge piping using clean water prior to actual operation. The Engineer shall be given 24 hours notice prior to testing.

Inspection:

Contractor shall inspect bypass pumping system every two hours to ensure that the system is working correctly.

Maintenance Service:

The Contractor shall ensure that the temporary pumping system is properly maintained and a responsible operator shall be on hand at all times when pumps are operating.

Extra Materials:

Spare parts for pumps and piping shall be kept on site as required.

Adequate hoisting equipment for each pump and accessories shall be maintained on the site.

F. PREPARATION:

Precautions:

1. Contractor is responsible for locating any existing utilities in the area the Contractor selects to locate the bypass pipelines. The Contractor shall locate his bypass pipelines to minimize any disturbance to existing utilities. No disturbance of any kind related to the bypass pumping operation and/or the relocation of the force main shall be made to Nine Mile Creek; nor shall any bypass piping, supports, or appurtenances be placed within the creek bed; nor shall any wastewater flows be diverted to Nine Mile Creek. The Contractor shall obtain approval of the pipeline locations from the City and the Engineer. All costs associated with relocating utilities and obtaining all approvals shall be paid by the Contractor.
2. During all bypass pumping operations, the Contractor shall protect the existing Pumping Station and main and all local sewer lines from damage inflicted by any equipment. The Contractor shall be responsible for all physical damage to the existing Pumping Station and main and all local sewer lines caused by human or mechanical failure.

G. INSTALLATION AND REMOVAL

The Contractor shall remove manhole sections or make connections to the existing sewer and construct temporary bypass pumping structures only at the access location indicated on the Drawings and as may be required to provide adequate suction conduit.

Plugging or blocking of sewage flows shall incorporate a primary and secondary plugging device. When plugging or blocking is no longer needed for performance and acceptance of work, it is to be removed in a manner that permits the sewage flow to slowly return to normal without surge, to prevent surcharging or causing other major disturbances downstream.

When working inside manholes, the existing Pumping Station, or force main, the Contractor shall exercise caution and comply with all OSHA requirements when working in the presence of sewer gases, combustible, or oxygen-deficient atmospheres, and confined spaces.

The installation of the bypass pipelines is prohibited in all saltmarsh/wetland areas. The pipeline must be located off streets and sidewalks and on shoulders of the roads. When the bypass pipeline crosses local streets and private driveways, the contractor must place the bypass pipelines in trenches and cover with temporary pavement. Upon completion of the bypass pumping operations, and after the receipt of written permission from the Engineer, the Contractor shall remove all the piping and appurtenances, restore all property to pre-construction condition and restore all pavement. The Contractor is responsible for obtaining any approvals for placement of the temporary pipeline within public ways from the City and any other agencies.



DEPARTMENT OF PUBLIC WORKS - CONSTRUCTION

CONTRACTOR PRE-BID QUESTION LOG

**Response Type**  
 D = Direct Answer  
 N/R = No Reply  
 A = Add in Addendum

**Project:** Rehabilitation of Highland Road Bridge No. 156, 157, 158 and 226

**RQ No.:** 39147

**Bid Due Date:** Wednesday, March 08, 2017

**Extended Addendum #1** Wednesday, March 15, 2017

Date	Ques. #	Question	From	Response	Type	Date
23-Feb-17	1-3	1) The plans state that the 404 permit is set to expire on 3/19/17. Is the county working on obtaining an extension for this permit so that the slope protection on the structures can be put in place below ordinary high water?	J. D. Williamson	The County is working on acquiring an updated waterway permit.	D	27-Feb-17
	2-3	2) What is the county's plan for the schedule on this project? With an anticipated notice to proceed on 6/5/17 does the county still expect the contractor to complete Section 1 in 2017 as stated in the plans? If the county is planning pushing Section 1 work until 2018 and Section 2 work until 2019, will the county consider extending the completion date to 11/15/19 to give the contractor the same amount of time to finish the Section 2 work that is provided for Section 1?	"	If the County gives a notice to proceed on 6/5/17, Section 1 work will extend into 2018 and Section 2 work will extend into 2019. Please bid the job based on the time shown in the plans.	D	27-Feb-17
	3-3	3) The 17 calendar weeks and 19 calendar weeks that AT&T are requiring for their work in Section 1 and Section 2 respectively will not allow the contractor to complete the work in the Sections within the time frames provided in the plans. AT&T's work on the new conduits cannot take place until the new conduits are installed on the bridges, and once they are installed the structures should be ready to flip to phase 2 within 4-5 weeks but demo on phase 2 cannot start until AT&T is done tying in the new cables. This will cause at least 2.5 months of time where no critical path work can be done on the structures. Given the cure times and linear nature of bridge construction, this schedule provided by AT&T does not leave the contractor enough time to finish the proposed work within the time frames provided in the plans for Section 1 and Section 2. Please revise the project schedule to provide more time for bridge construction, or substantially reduce the time frame provided to AT&T for their work.	"	The County cannot reduce the time frame provided for AT&T work. Please bid the Job based on the time shown in the plans.	D	27-Feb-17

28-Feb-17	1-4	1) The project requires that the general contractor carry pollution legal liability insurance; our insurance company would like to know the specific reason why we have to have this coverage. I believe on the Avery Rd project it was due to work being performed over an open waterway but I wanted to double check and see if that was the reason on this project or if it was for something else.	J. D. Williamson	This project requires the relocation of sewer sanitary lines. Thus, the risk of the release of sewage and contamination. This coverage is used to protect businesses that may potentially produce or generate waste emissions during the course of construction, excavation, etc. This type of policy covers third-party bodily injury and property damage claims along with clean-up costs caused by contamination. Having such coverage in place would protect, not only the contractor, but also the County from exposure associated with this type of occurrence. Please note the successful bidder is only required to submit insurance requirements per specifications.	D	6-Mar-17
	2-4	2) All the descriptions for the existing structures in the plans have the phrase "partially composite" shown. I have not found any indication of shear studs in the existing plans for any of the four structures. Can the county confirm that there are no shear studs in the existing bridge decks and define what the term "partially composite" refers to.	"	Existing plans do show shear studs along only a portion of the beams. See existing plan sheets 11/19 (Bridge 156), 14/24 (Bridge 157), 12/21 (Bridge 158), 14&15/24 (Bridge 226)	D	7-Mar-17
	3-4	3) Can office calculations for the structures be made available?	"	See Addendum No. 1	A	3-Mar-17
	4-4	4) What portion of Section 1 work does the County anticipate extending into 2018 and Section 2 work into 2019? Does the interim completion date of 11/15 still apply where all existing lanes are to be open to traffic if the County is expecting portions of Section 1 and Section 2 work to extend past this date? Does only phase 1 have to be done by 11/15? Or phase 2? Please provide further clarification.	"	See Addendum No. 1	D	7-Mar-17
1-Mar-17	1-10	1) Please provide the engineer's office calculations.	Ruhlin Company	See Addendum No. 1	A	3-Mar-17
	2-10	2) Please clarify the limits of payment for ref nos. 122 – 123 and 127 for the structural steel. Fabricators are having a difficult time determining where items are paid between these items and relative to the level 2 and level 4 steel. The office calcs may help here.	"	See Addendum No. 1	A	3-Mar-17



	3-10	<p>3) (a) There are several ref items that relate to the relocation of the sanitary sewer. Please clarify the scope of work that is included in each of these items. Included are ref nos. 77, 78, 127-129, 143 and 144. (b) The piping related to the bridge crossing will come as a single jacketed and insulated unit. This supply and installation would appear to be split between these ref nos. (c) Is the carrier pipe to be per C&amp;MS 748.02 for the bridge crossing as well as the direct bury? (d) Can the engineer provide a detail for a field joint for the insulated pipe?</p>	"	<p>(a) Reference nos. 77 &amp; 78 pertain to "ROADS FOR MAINTAINING TRAFFIC, AS PER PLAN" and "PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A", neither related to relocation of the sanitary sewer. Materials and work included in reference nos. 127-129, 143 &amp; 144 are described in notes 5-7 on sheet 76/268, "SANITARY SEWER DETAILS – 1". Additionally, reference nos. 143 &amp; 144 are described in the General Notes, sheet 83/268. (B) Correct. (c) Yes, it is the same. (d) We assumed pipe manufacturers have standard pipe and casing splice details. But if not, we suggest a casing pipe collar of some sort be slid over one section prior to the carrier pipe connection being made per ODOT CMD 748.02 and then slid the collar over the splice area and weld it to the casing pipe. The size of the splice will depend on the room the contract feels they need to make the carrier pipe connections. We would request the collar lap each section by a minimum of 6" and welded all around with a 3/16" weld. The contractor may want to consider waitin until July 1, 2018 and complete by September 30, 2018. This is 14 weeks of construction which is no</p>	D	7-Mar-17
	4-10	<p>4) Plan sheets 65-68 show access roads for the 4 bridges. This is only shown for one phase for one side of the bridges. Is the contractor allowed other access provided he stays within the temp R/W? The roads shown are only 12 ft. Is the contractor allowed to construct wider access roads?</p>	"	<p>No, the access road locations and sizes have been coordinated with the 404 permit, the National Parks Service and the Cleveland Metroparks.</p>	D	8-Mar-17
	5-10	<p>5) Due to accessibility issues will permanent metal deck forms be allowed for this project?</p>	"	<p>Bid as per plan, after an award the contractor can submit a proposal to be considered.</p>	D	7-Mar-17
	6-10	<p>6) Are the sidewalks, parapet, twin steel tube railing and associated rebar within the limits of the approach slab incidental to construction?</p>	"	<p>Yes.</p>	D	7-Mar-17
	7-10	<p>7) Please confirm that it is the county's intent to pay for the parapet, parapet rebar and the twin steel tube railing as separate items within the limits of the bridge only.</p>	"	<p>Yes, this statement is correct.</p>	D	7-Mar-17
	8-10	<p>8) Due to the large dollar amount estimated for this project (\$14M) as well as the overall duration of the project (28 Months), please consider eliminating the 8% escrow until 50% of the work is complete as stated in the General Provisions section 109.09 Estimates. The project requires a 100% performance bond as well as ODOT Specification 624 Mobilization withholds 10% of this bid item until final completion.</p>	"	<p>The specification for escrow will not change.</p>	D	7-Mar-17

	9-10	9) There were numerous unanswered questions at the prebid meeting, please consider postponing the bid date until these issues are addressed to allow for more competitive bid pricing.	"	See Addendum No. 1	A	3-Mar-17
	10-10	10) As stated during the prebid meeting, please review the schedule for this project as it does not seem to allow enough time to construct given the time constraints shown on the plan and permits. As it is now, an anticipated NTP is not expected until June of 2017. This time period is beyond the allowable clearing restrictions of the endangered bat (9/30 – 4/1) and the Kirkland Warbler (4/22 – 6/1 and 8/15 – 10/15). Therefore the contractor cannot begin clearing (which is needed at all structures) until after 10/15. Assuming we begin in October with clearing, the next schedule restriction are the current 404/401 permits. The permits, as currently issued, prohibit in-water work from September 30 <sup>th</sup> to June 30 <sup>th</sup> which will not allow work on the structures during the winter months. Also plan notes state that all lanes of traffic need to be open from Nov. 15 <sup>th</sup> thru April 15 <sup>th</sup> . This again eliminates winter construction. With these constraints, Section 1 Phase 1 bridge construction would not be able to begin until July 1, 2018 and complete by September 30, 2018. This is 14 weeks of construction which is not possible to complete and allow AT&T's 17 weeks to do their tie-in in Phase 1. This puts the deck pour of Section 1 Phase 1, at the earliest, April 1, 2019 and Phase 2 construction into the summer of 2019. This, as you can see, has a domino effect on Section 2 as well. In summary as it is shown now, final completion would not be until September of 2021 and traffic would be in a phased pattern during all winter months. Please review the constraints and allow appropriate time for construction.	"	See Addendum No. 1	A	3-Mar-17
1-Mar-17	1-10	What are the flow requirements for the 8" and 20" sewers being bypassed?	Ruhlin Company	See forthcoming Addendum #2.	D,A	7-Mar-17
	2-10	How deep are the sewer manholes intended for use as the suction point for the bypass pumping system?	"	This is the contractor's responsibility.	D	7-Mar-17
	3-10	Will these bypass systems require silenced pump sets for quiet pumping during none work hours?	"	No.	D	7-Mar-17
	4-10	Will back up pumps be required?	"	Yes.	D	7-Mar-17
	5-10	Are auto dialer cellular notification systems or remote monitoring systems required to monitor the pumping system during operation?	"	The Contractor is responsible for the operation bypass pumping System.	D	7-Mar-17
	6-10	Are there any profiles available of 1 manhole before the tie in point were the bypass system will be set up?	"	This is the contractor's responsibility.	D	7-Mar-17
	7-10	What is the distance of the discharge piping to the discharge point?	"	This is the contractor's responsibility.	D	7-Mar-17
	8-10	Is the sewer system a combined sewer system?	"	Peak flow rates are limited to the capacity of the incoming pipe.	D	7-Mar-17
	9-10	Is there a pump station discharging into any of the lines to be bypassed?	"	This is the contractor's responsibility.	D	7-Mar-17
	10-10	Is there any CSO or overflow before the area to be bypass for wet weather plan/protection?	"	No.	D	7-Mar-17

2-Mar-17	1-5	1. Has CCE filed for a new waterway permit? The notes on sheet 10 of 268 state that the permit will expire on 3/19/17, and requires additional information.	UIC	The County is working on acquiring an updated waterway permit.	D	7-Mar-17
	2-5	2. Sheet 83 of 268 Item Special – Structure Misc: Installation of AT&T Conduit Including Conduit Support Assembly and Conduits Complete and the utility notes reference a 17 week window for Section 1 and 19 week window for Section 2 for AT&T to complete their cable work. Will CCE review the AT&T time frame? The time frame will not allow for the completion of the work based on these AT&T windows, amount of project work to be completed, and the winter shut downs with unrestricted traffic.	"	See Addendum No. 1	A	3-Mar-17
	3-5	3. Sheet 83 of 268 Item Special – Structure Misc: Installation of AT&T Conduit Including Conduit Support Assembly and Conduits Complete states that Section 1 will be completed in 2017 and Section 2 in 2018. Since the project will bid in March and does not appear to be awarded until June, there is not enough time in 2017 to complete Section 1. We will not be able to complete any clearing until September.	"	See Addendum No. 1	A	3-Mar-17
	4-5	4. What is the GPM for the bypass of the sanitary sewers?	"	See forthcoming Addendum #2.	D,A	7-Mar-17
	5-5	5. Will the county consider removing the winter traffic limitations and interim completion dates?	"	See Addendum No. 1	A	3-Mar-17
6-Mar-17	1-4	1) The asbestos survey and asbestos notes in the plans are very confusing. The survey provided in the bid documents was only done on the sanitary line on the 156 bridge and only estimated 20 linear feet of asbestos on the bridge. However, the plan note on sheet 82 states that there is also asbestos on the sanitary line on the 157 bridge even though the asbestos report did not include that structure. Furthermore, the 20 linear feet of material to remove does not make sense since the sanitary line spans the entire length of the bridge. The asbestos abatement bid items are all lump sum so there is no way to determine the quantity of material to be removed based on the information provided in the plans. There are also asbestos abatement bid items for the 158 and 226 bridges even though the plans state that the asbestos surveys did not identify any asbestos on the bridges. Please provide clarification as to which bridges have asbestos and how much is on each bridge so that the contractor can accurately quote the abatement bid items.	J. D. Williamson	There are asbestos reports for each bridge and although no asbestos was found in the samples collected on the 158 and 226 bridges, the reports estimated 20 linear feet of asbestos per bridge based on the findings from bridge 156 and 157. The 20 linear feet is based on the asbestos in the tar layer cementitious insulation only being located at the joint locations, not along the entire length of the sanitary lines.	D	8-Mar-17
	2-4	2) Is the award limit for the project 10% over the estimate?	"	Any Bid that exceeds the "Total Estimated Cost" by more than 10% will be deemed informal and unacceptable.	D	6-Mar-17
	3-4	3) Can the flow rates for the sanitary sewers to be pumped be provided?	"	See forthcoming Addendum #2.		
	4-4	4) Will the county be posting all pre-bid questions to the website so that all bidders can see what other questions have been posted?	"	All pre-bid questions received by 10:00 A.M. four days prior to the bid due date will be posted on the Department of Public Works Website up to 72 hours before the bid due date ( <a href="http://publicworks.cuyahogacounty.us">http://publicworks.cuyahogacounty.us</a> ).	D	6-Mar-17

8-Mar-17	1-2	1) Please specify what type of connection is to be used on the 28" and 20" casing pipe for the sanitary lines. Are field welded connections that is field galvanized acceptable?	J. D. Williamson	Yes.	D	8-Mar-17
	2-2	2) Please clarify what protective casing is needed for the temporary sanitary force mains that run across the bridge decks.	"	Our note only states "The contractor shall design a temporary sanitary force main with protective casing." That is a contractor means and methods item. The pipe just must be maintained at all times. Therefore, more protection provides less risk to the contractor.	D	8-Mar-17
8-Mar-17	1-1	Is the quantity for sidewalk, parapet, architectural treatment, and sealing on the approach slabs covered in the respective bid items for the structures, or are they incidental to the approach slab bid items?	J. D. Williamson	1) Incidental to the approach slabs.	D	8-Mar-17
8-Mar-17	1-11	1) What type of fill is required on the slopes of the bridge shown in channel cross sections? Where is this fill to be paid?	J. D. Williamson	Fill under the limits of the grout filled mats shall be in accordance with manufacturers recommendations and paid for with item 601 – Slope Protection Misc. – Grout-Filled Fabric Mats. Fill outside of the limits of the grout filled mats, rock channel protection and interlocking concrete armor shall be in accordance with item 203 embankment with seeding and paid for with item 601 – Rock Channel Protection, Type A with Fabric Filter, As Per Plan.	D	9-Mar-17
	2-11	2) What are the flow requirements for the 8" and 20" sewers being bypassed?	"	See forthcoming Addendum #2.	D	8-Mar-17
	3-11	3) How deep are the sewer manholes intended for use as the suction point for the bypass pumping system?	"	This is the contractor's responsibility.	D	8-Mar-17
	4-11	4) Will these bypass systems require silenced pump sets for quiet pumping during none work hours?	"	No.	D	8-Mar-17
	5-11	5) Will back up pumps be required?	"	Yes.	D	8-Mar-17
	6-11	6) Are auto dialer cellular notification systems or remote monitoring systems required to monitor the pumping system during operation?	"	The Contractor is responsible for the operation bypass pumping System.	D	8-Mar-17
	7-11	7) Are there any profiles available of 1 manhole before the tie in point were the bypass system will be set up?	"	This is the contractor's responsibility.	D	8-Mar-17
	8-11	8) What is the distance of the discharge piping to the discharge point?	"	This is the contractor's responsibility.	D	8-Mar-17
	9-11	9) Is the sewer system a combined sewer system?	"	Peak flow rates are limited to the capacity of the incoming pipe.	D	8-Mar-17
	10-11	10) Is there a pump station discharging into any of the lines to be bypassed?	"	This is the contractor's responsibility.	D	8-Mar-17
	11-11	11) Is there any CSO or overflow before the area to be bypass for wet weather plan/protection?	"	No.	D	8-Mar-17
8-Mar-17	1-2	1. Will payment terms for Fabricated Structural Steel be the same as per Ohio DOT Standard Specifications? AKA, payment for raw material, fabricated and stored material, and then outbound freight?	J. D. Williamson	"The methods of payment and calculations of weight for structural steel items are defined in the plans, specifications and proposal notes in the bid package. The ODOT C&MS is followed except as modified therein."	D	9-Mar-17
	2-2	2. Will Cuyahoga County use ODOT's formula for calculating the in-place weight of structural steel and will the in-place weight of structural steel be the weight that we will be paid against?	"	"	D	9-Mar-17
9-Mar-17	1-2	Can the county provide a copy of the actual 404 permit for the project. I could not find a copy of it in the plans or the specs.	J. D. Williamson	The copies of the permits start on page 289 of 851 of the Bid Package.	D	9-Mar-17