

**Erie County Sewer District No. 3  
Charlotte, Sherburn, and McKinley Pumping Station Elimination  
And  
Brookwood Pumping Station Demolition Project  
Contract No. 40  
ADDENDUM No. 2**

**All bidders must fax this sheet to Erie County Department of Environment and Planning/Division of Sewerage Management (Attn: Edward A. Paolini, P.E. at 716-858-6257) stating that your company has received Addendum No. 2 to the Erie County Sewer District No. 3. Charlotte, Sherburn, and McKinley Pumping Station Elimination and Brookwood Pumping Station Demolition Project, Contract No. 40**

**Received:** \_\_\_\_\_

**By:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**All bidders must incorporate Addendum No. 2 including all attachments when submitting bids for this contract. Bidders are also advised to acknowledge Addendum No. 2 in the Addendum Acknowledgement section of the Proposal. On Page P-5 and endorse the special notice page attached hereto and made part of Addendum No. 2.**

**ADDENDUM NO. 2  
COUNTY OF ERIE  
DEPARTMENT OF ENVIRONMENT AND PLANNING  
ERIE COUNTY SEWER DISTRICT NO. 3  
CHARLOTTE, SHERBURN, AND MCKINLEY PUMPING STATION ELIMINATION  
AND  
BROOKWOOD PUMPING STATION DEMOLITION PROJECT  
CONTRACT NO. 40**

**BIDS DUE: JUNE 27, 2012 at 2:00 p.m.**

**Minutes of the Pre-Bid Meeting for this contract, conducted on June 20, 2012 are included as an attachment hereto (Attachment I) and must be complied with in the bidding and construction of the Contract.**

**SPECIAL NOTICE**

**Addendum 2, including the attachments shall be inserted into the Contract Documents, submitted with the Bid and shall be signed by the Bidder in the space provided below.**

**COUNTY OF ERIE**

**Joseph L. Fiegl, P.E.  
Deputy Commissioner  
Department of Environment and Planning**

**Signature of person, firm, or corporation making bid:**

\_\_\_\_\_  
**Signature**

\_\_\_\_\_  
**Title**

**(Seal if bid by a corporation)**

**Attachments:**

**I Minutes of Pre-Bid Meeting June 20, 2012**

**ATTACHMENT I**  
**MINUTES OF PRE-BID MEETING**  
**JUNE 20, 2012**

**Erie County Sewer District No. 3  
Charlotte, Sherburn, and McKinley Pumping Station Elimination  
And  
Brookwood Pumping Station Demolition Project  
Contract No. 40**

**Minutes of PRE BID MEETING**

June 20, 2011 at 11:00 a.m.  
Erie County Rath Building  
95 Franklin St. Room 1004  
Buffalo, New York 14202

1) **INTRODUCTION**

Edward A. Paolini opened the meeting at 11:00 a.m. by introducing the project and the Erie County Department of Environment and Planning, Division of Sewerage Management participants as follows:

Edward A. Paolini, P.E. will be the Project Manager.  
Daniel Skowronski will assist the Project Manager  
James A. Carr, P.E. is the Sewer Construction Administrator

The minutes of this meeting and the attendee list will be made a part on the Contract Documents by Addendum.

2) **PROPOSAL REQUIREMENTS**

Sealed proposals for the construction of Contracts No. 40, Charlotte, Sherburn, and McKinley Pumping Station Elimination and Brookwood Pumping Station Demolition Project, will be received until 2:00 p.m., June 27, 2012 in Room 1034 of the Rath Building, 95 Franklin Street, Buffalo, NY 14202 at such time the bids will be opened and read aloud in Room 1004 of the Rath Building.

Contract No. 40 is located in Erie County Sewer District No. 3 (ECSD No. 3), in the Village of Hamburg. The work consists of installation of approximately 1560 LF of 8 inch and 2800 LF of 10 inch sanitary sewer, manholes, pavement repair, lateral installation and reconnection, and all other related work

Plans are on file and can be purchased at the office of Erie County Department of Environment and Planning, Division of Sewerage Management, Room 1034, 95 Franklin Street, Buffalo, New York 14202. The deposit for each set of contract documents shall be \$100.00 in the form of cash, two checks or money orders, each in the amount of one-half the deposit and made payable to the Erie County Director of Budget and Finance.

**The envelope containing the bid must be sealed, addressed to the Erie County Commissioner of Environment and Planning, and must be clearly and correctly designated as "Erie County Sewer District No. 3, Contract No. 40". Any bids not delivered in person shall be mailed to the Erie County Commissioner of Environment and Planning, 95 Franklin Street, Buffalo, New York 14202, and received before the time set for the bid opening.**

**Erie County Sewer District No. 3 is an exempt organization under the Tax law and is exempt from payment of sales and compensation use taxes. These taxes are not to be included in the bid.**

**Each proposal must be accompanied by a certified check payable to the Erie County Director of Budget and Finance or by a bid bond from a Surety Company acceptable to the County Attorney, in an amount not less than five percent (5%) of the total base bid, as surety for execution of the contract. Should any bid be rejected, such bond will be forthwith returned to the bidder, and should any be accepted, such bond will be returned upon proper execution and securing of the contract.**

**Attention of the bidder is called particularly to the requirements with respect to conditions of employment to be observed and minimum wage rates to be paid under the contract and further to the Minority Business Enterprise Utilization Commitment. Bidders are advised that Pages P-19 through P-25 must be submitted with the Bid.**

**The attention of the bidder is called to the provisions of Article 5A of the General Municipal law, which requires the bidder to execute a certificate of non-collusion, and to conform to the other provisions of Article 5A outlined in the specifications. A form for such certification accompanies the bid form on Page P-9. Unless it is properly executed, the bid will not be accepted.**

**The right to reject any and all bids, to waive any informalities, or to make any award to other than the low bidder, should it be deemed to be in the best interest of Erie County Sewer District No. 3 and in accordance with law, are herewith reserved.**

**The successful bidder will be required to furnish a Payment and Performance Bond each in an amount equal to 100 percent of the contract award. Further, the bidders are required to complete the Performance Bond information form on page P-16 of the proposal section.**

**No bidder may withdraw his bid within 45 days after the bid opening date, but may withdraw it anytime before the schedule time for opening bids.**

As evidence of his ability to perform the work, the low bidder will be required to submit statements concerning:

- A. Qualifications
- B. Experience
- C. Staffing and Equipment Availability
- D. Detailed Financial and Ownership Status

Also, as part of your bid package, we ask that you complete a short form entitled "Certificate of Experience" which is contained on Page P-15 of the proposal.

All questions concerning interpretation of contract documents must be submitted in writing to Edward A. Paolini, P.E., Room 1034, 95 Franklin Street Buffalo New York 14202 before (Friday) June 22, 2012.

Completion time: 270 calendar days from the Notice to Proceed. This includes time for shop drawing submission and review, installation of the sewers, lateral connection, and paving and final restoration weather permitting. It is expected that this contract will be awarded in July and a Notice to Proceed issued in August. Erie County is encouraging use of multiple crews to assure the sewers and laterals are installed, and all roads restored with binder to existing road surface before local batch plants close for winter shut down. Intent is to have roads milled and resurfaced in the Spring of 2013 as part of the contract. Contractors will be required to completely restore the driveway at Town Hall, 6100 South Park Ave and at 4565 Clark St. (per easement condition) before batch plants close for winter shut down for 2012. Failure to complete the improvements within the stated time frame will cause penalties to the Contractor in the amount of \$400.00 per day in liquidated damages and/or additional engineering inspection costs.

3) GENERAL COMMENTS

Before preparing and submitting his bid, each bidder should:

- \* Carefully examine all contract documents
- \* Make a thorough investigation of the site
- \* Familiarize yourself with all Federal, State and local laws, ordinances, regulations and permits which apply
- \* Carefully integrate all these observations into the bid proposal.

Each Bidder's bid proposal package must contain the following completed items:

- \* Insert Contract Number and Title (P-2)
- \* Addenda Acknowledgement (P-5)
- \* Insert Mailing Address (P-5)
- \* Answer Non-Discrimination Question (P-5)
- \* Proposal Execution (P-6)

- \* Bid Proposal Items P7-1 thru P7-12 Please check your figures and math and be sure to submit bids for all items.
- \* Certificate of Non-Collusion (P-9)
- \* Waiver of Immunity Certification (P-10)
- \* Confined Space Program Certification (P-11)
- \* NYS Training Program Certification and Plan (P-12)
- \* Anti-Lobbying Certification (P-13)
- \* Uniform Certificate of Acknowledgement (P-14)
- \* Certificate of Experience (P-15)
- \* Performance Bond Information Form (P-16)
- \* Certified Check or Bid Bond in the amount not less than 5% of total bid amount (P-17 - 18)
- \* Agreement to abide by Equal Employment Opportunity Policy Statement Requirements (P-19)
- \* Disadvantage Business Enterprise Program (DBE) Subcontractor Participation Form (P-20-21)
- \* Disadvantage Business Enterprise Program (DBE) Subcontractor Performance Form (P-22-23)
- \* Disadvantage Business Enterprise Program (DBE) Subcontractor Utilization Form (P-24-25)

Request for permission to make surveys and/or subsurface investigations (test pits) at the project site must be submitted in writing to the Erie County Department of Environment and Planning, Division of Sewerage Management, Room 1034, 95 Franklin Street, Buffalo, New York, 14202; Attention: Edward A. Paolini, P.E.

4) **CONFINED SPACE REQUIREMENTS**

Bidders are advised that the project is subject to OSHA Regulations with respect to Working in Confined Spaces. Therefore, Bidders must submit a completed Confined Space Program Certification with their proposal. The confined space program Certificate is included in Page P-11 of the proposal. The bid will not be accepted unless the Certification is completed and properly endorsed.

5) **LABOR AND PROGRESS PAYMENTS**

No workman, laborer, or mechanic may be employed in excess of eight hours in any one day or five days in any one calendar week unless an "Application for Dispensation of Hours" (Form PW-30) has been submitted and approved by Erie County and the State Department of Labor. It is not expected that overtime will be allowed on this project. A stipulation of overtime being granted is that the Contractor would be responsible for the additional inspection cost during the overtime hours. The contractor will be responsible

for the inspector's overtime cost for work performed that is deemed to be non-emergency by the engineer.

Weekly certified payroll reports for general and all subcontractors must be submitted on Form WH-347 (U.S. Department of Labor). It is the general Contractor's responsibility to make sure all subcontractors comply. This will be monitored closely. Progress payments will not be made unless certified payrolls are up to date.

Contractors will be required to abide by the Davis Bacon Act which requires Contractors to pay the higher of the wage rates between the State and Federal Rates.

Interviews will be conducted to verify wage rates and Contractor must post the Davis Bacon Act Poster (WH1321) conspicuously at jobsite.

This project has a goal of 10.6 – 13.2% for Minority and 6.9% Female Utilization for the prime contractor and all subcontractors. Monthly Utilization Reports must be submitted by the 15<sup>th</sup> of each month on U.S. Department of Labor Form 257.

All progress payments, change orders, award of contract and final acceptance must be presented and approved by the Erie County Sewer District No. 3 Board of Managers.

Bidders are advised that the Deputy Commissioner of the Division of Sewerage Management is the only person authorized to approve change orders up to \$20,000.00. Change orders greater than \$20,000.00 must be approved by the Erie County Legislature. The construction observer and the resident engineer have no authority to negotiate Change Orders.

Contractor must provide a Superintendent or Foreman to make decisions and supervise his crew and any subcontractors.

6) **MINORITY AND WOMEN BUSINESS ENTERPRISE UTILIZATION GOALS**

This contract is funded by NYS Environmental Facilities Corporation (EFC) and subject to a 9% MBE and 5% WBE goals. MBE's and WBE's utilized must be chosen from the NYS List of Disadvantaged Business Enterprise and the Contractors Program must be accepted by the Erie County Minority Business Officer (MBO) Jessie Burnette in order for their participation to be counted towards this goal. Contractors shall note the following:

- Field checks will be performed
- The list of certified DBE's is available online at: [www.esd.ny.gov/mwbe](http://www.esd.ny.gov/mwbe)
- Questions concerning the EEO and/or MBE/WBE requirements should be directed to Jessie Burnette at 858-8604.
- If the MBE/WBE monthly report form has not been submitted on time and is not up to date it will delay the monthly payment to the Contractor. **NOTE:** Bidders must

submit the DBE participation information requested on page P-19 through P-25 of the Proposal with their Bid.

The following New York State Environment Facilities Corporation (NYSEFC) Program forms must be submitted after award. Forms are available online at [www.nysefc.ny.gov/mwbe](http://www.nysefc.ny.gov/mwbe)

- Utilization Plan or Waiver
- EEO Work Force Utilization Report
- Joint Venture/Teaming Arrangement Form
- MWBE Monthly Report (when construction commences)

Reports must be submitted directly to Erie County Department of Environment and Planning/Division of Sewerage Management.

**LOCAL LAW NO. 2, NEW YORK STATE CERTIFIED WORKER TRAINING PROGRAM**

Local Law No. 2 pertaining to the requirement of having a certified apprentice training Program applies for this project. Contractor shall carefully review Local Law No. 2 and the Rules and Regulations found in the Instruction to Bidders. As part of the bid requirements as noted on P-12 of the Proposal Section, the contractor shall attach to their bid a copy of a current certification of the Worker Training Program by the Dept. of Labor that will be utilized on this contract, a written plan that demonstrates how apprentices will be utilized by the Bidder's commitment towards acceptable achievement of the workforce and diversification goal. Bidders may provide with their Proposal a written statement as to the inapplicability of the apprenticeship participation for the Bidder as allowed by the Rules and Regulations.

**7) SPECIFIC COMMENTS**

Bidders are advised of the following items and comments pertaining to the proposal:

- A. The Contractor must utilize a trench sheeting box at all times during construction.
- B. A construction schedule is required to be submitted within five (5) days from the Notice to Proceed. Any slippage by the Contractor in his schedule shall cause the contractor to promptly adopt such means as necessary to make up lost time. See General Contract Conditions pertaining to construction schedules.
- C. Bidders are advised that a 1-year maintenance bond to Erie County Sewer Dist. No. 3 will be required to cover all project improvements. Pavement Bond is also required. The pavement bond is a 2-year surety bond to the Village of Hamburg guaranteeing pavement restoration for 2-years from the date of final acceptance.

- D. The Contractor must comply fully with the contract specifications regarding the maintenance and control of traffic including the adequate use of traffic barriers, signs, flagmen, etc. as necessary. Prior approval must be secured from the Village of Hamburg for any road that maybe restricted during construction of the improvements. Traffic control shall follow NYSDOT MUTCD. The cost to obtain roadwork permits and any conditions that may be a part of the permits are the responsibility of the Contractor and should be included in the bid. The Contractor must secure a written letter of approval from the Village of Hamburg for the road restoration work.**
- E. Contractors are advised that their operations are restricted to the highway right of way and the easements as shown on the plans.**
- F. Methods to maintain all existing sanitary and storm flows must be presented in writing to the County for approval prior to the start of the construction. All cost associated with maintaining flows shall be considered in the bid. No additional compensation will be considered.**
- G. Before actual on site construction will be allowed to begin, the Contractor must have the following completed:**
- Construction schedule submitted**
  - List of emergency phone numbers submitted**
  - Preconstruction photographs**
  - Shop drawings approved**
  - Test Pits completed**
  - Road Permits obtained**
  - Field Trailer set up and properly equipped**
- H. Only No. 1 crushed stone meeting the requirements of the specifications will be allowed for pipe bedding material. No bank run gravel will be allowed for select fill material. No gravel will be allowed for bedding material.**
- I. In determining this bid, the Contractor shall consider his expected trench width during construction and take into account all damage that will occur outside the pay limits. All costs associated with damage to lawns, driveways, roads, existing utilities, etc., which require additional restoration or repair should be incorporated into the bid. No additional compensation will be considered for areas outside the stipulated pay limits.**
- J. Bidders are advised that the Specific Contract Conditions pages SCC-1 though SCC-5 of the specifications for additional requirements for GCC No. 63 Field Office and GCC 64 Project Sign. SCC Section also includes Special Easement Conditions that must be complied with as part of contract. All costs associated with the Specific Contract Conditions and Special Easement Conditions should be included in the Contractors Bid.**

- K. Sewers will be subject to ultrasonic testing of each joint during installation, as live connections will be picked up as the sewer is installed. All costs associated with testing shall be included in Bid Item No. 2, Sanitary Sewer Pipe. Also note, existing sanitary sewers shall remain in service until the new sanitary sewers are installed. A post construction video of all installed sewers is also required. Cost for TVing sewers to be included in Bid Item No. 2.**
- L. Bidders are advised that all lawn and field areas are to be restored utilizing the hydroseed method of application in accordance with Section 02820. Hand spreading of seed, mulch, etc. will not be permitted. All costs for restoring lawn areas by the hydroseed method shall be included in Bid Item No. 2.**
- M. Plans for existing sewers in the area are available for review in the office of the ECDEP/DSM – 10th. Floor, 95 Franklin Street, Buffalo, New York, 14202.**
- N. Various other utilities exist in the project areas. The existing utilities have standard requirements for addressing any repair of service and etc. Bidders are advised that they must comply with the utility company requirements for repair of any existing utilities in the project area.**
- O. Contractors are advised that they must control dust, and the roadways must be kept clean by whatever means are necessary during construction. Use of Calcium Chloride for dust control is prohibited.**
- P. Contract No. 40 - Bidders are advised that there is a contingency item allowance of \$40,000.00 that must be included in their bid.**
- Q. Bidders are further advised to carefully review the soils information included in Appendix C of the specifications when preparing their bid. All costs associated with dewatering, special trench shoring, special excavation equipment, slower production, etc. should be taken into consideration when preparing the bid. No additional compensation will be considered.**
- R. Bidders are further advised that the requirement of compacting the select backfill in lifts will be strictly enforced. Settlement over time will not be an acceptable method of compaction. Compaction tests shall be taken.**
- S. Bidders are advised that requests for interpretations will be accepted up to June 22, 2012 and a written addendum will be sent to the bidders 3 days before the bid opening.**
- T. The Contractor shall comply in all respects to the Industrial Code Part (Rule No. 53) relating to construction, excavation and demolition operations at or near**

underground facilities as issued by the State of New York department of Labor Board of Standards and Appeals.

- U. Curb cut for driveway for Brookwood PS site to be removed and replaced with curb as part of demolition work. Also, all above grade structures and pavement to be removed according to contract requirements and details.
- V. Telephone line to Brookwood PS to be removed as part of demolition work. All existing equipment at Brookwood PS to be disposed of. No items to be salvaged for County.
- W. Bidders advised that work on Charlotte Ave takes place in front of the Middle school and work should be conducted in a professional manor and contractor must coordinate with Bus Company when working in this area.
- X. Binder for road restoration for mainline sewer to be include in Bid Item No, 17 unless otherwise noted.
- Y. Binder for road restoration for lateral installation to be included in Bid Item No. 10. Bid Item No. 10 also includes a cleanout and reconnection of house lateral to mainline sewer (reestablish service). All laterals must be reconnected whether or not shown on plans.
- Z. Binder and top for driveway at 6100 South Park Ave property (Town Hall) to be included in Bid Item No. 18. Curb and driveway replacement on Charlotte Ave to be included in Bid Item No. 2
- AA. Temporary road for Cherry St (from 6100 South Park Ave) to be included in cost for Bid Item No. 2. Contractor must notify residents in writing of road closure and temporary road use and duration.
- BB. A map of the forcemain route for the Brookwood Drive PS is attached. Map shows street names and house numbers for locating forcemain end points.
- CC. Following is a list of the items to be salvaged from the pumping stations:

Charlotte  
Telemetry & Antenna  
Pump Control Panel  
Pressure Transducer  
Air Compressor  
Sump Pump  
Fire extinguisher  
Camlock fittings  
Electric heater

Sherburn  
Telemetry & Antenna  
Pump Control Panel  
Pressure Transducer  
Air Compressor  
Sump Pump  
Fire extinguisher  
Camlock fittings  
Electric heater

McKinley  
Telemetry & Antenna  
Pump Control Panel  
Air Compressor  
Sump Pump  
Fire extinguisher  
Camlock fittings

Charlotte  
Battery charger

Sherburn  
Battery charger  
By Pass gas engine pump

8) UTILITY COMPANY REQUIREMENTS AND COMMENTS -

NONE

9) CONTRACTOR'S QUESTIONS

**Question:** Is sidewalk replacement included in Bid Item No. 10 lateral installation?  
**Answer:** Yes – include sidewalk replacement in Bid Item No. 10 lateral installation.

**Question:** Is binder included in the lateral installation?  
**Answer:** Yes – all restoration work is included in Bid Item No. 10 including select fill placement, curb, driveway, sidewalk , and road replacement and lawn restoration.

**Question:** Where is the Beverly Marley-Kofye easement with special condition for fill located?  
**Answer:** The address is 4571 Clark St and also included to clarify, Bryant M. Burns address is 4545 Clark St and Wood N Nails address is 5742 McKinley Pkwy.

**Question:** Does OSHA 10 training qualify as Confined Space Program Certification?  
**Answer:** No – the contractor is required to have in place and established a Confined Space Program which conforms to OSHA 29 CFR Part 1910, as it may be amended. Furthermore full implementation is a requirement of this contract.

**Question:** What does the pipe abandonment in the contract include?  
**Answer:** The pipes are required to be filled with flowable fill and the ends are to be capped.

**Question:** What if the asphalt plants close before the pavement is restored.  
**Answer:** The contractor is advised to schedule the work to complete all paving prior to the end of the paving season. If pavement is not restored, cold patch will be required and the area will have to be maintained by the contractor through the winter until final restoration.

**Question:** When will the project be awarded?  
**Answer:** Erie County expects to award the contract in July.

10) **ADDITIONAL COMMENTS**

The attached attendee list and a copy of the minutes of this meeting will be included in Addendum No.2 and distributed to all bidders who purchased plans and contract documents.

The meeting was concluded at 11:50 a.m..

Respectfully submitted,



Edward A. Paolini, P.E.  
Senior Sanitary Engineer

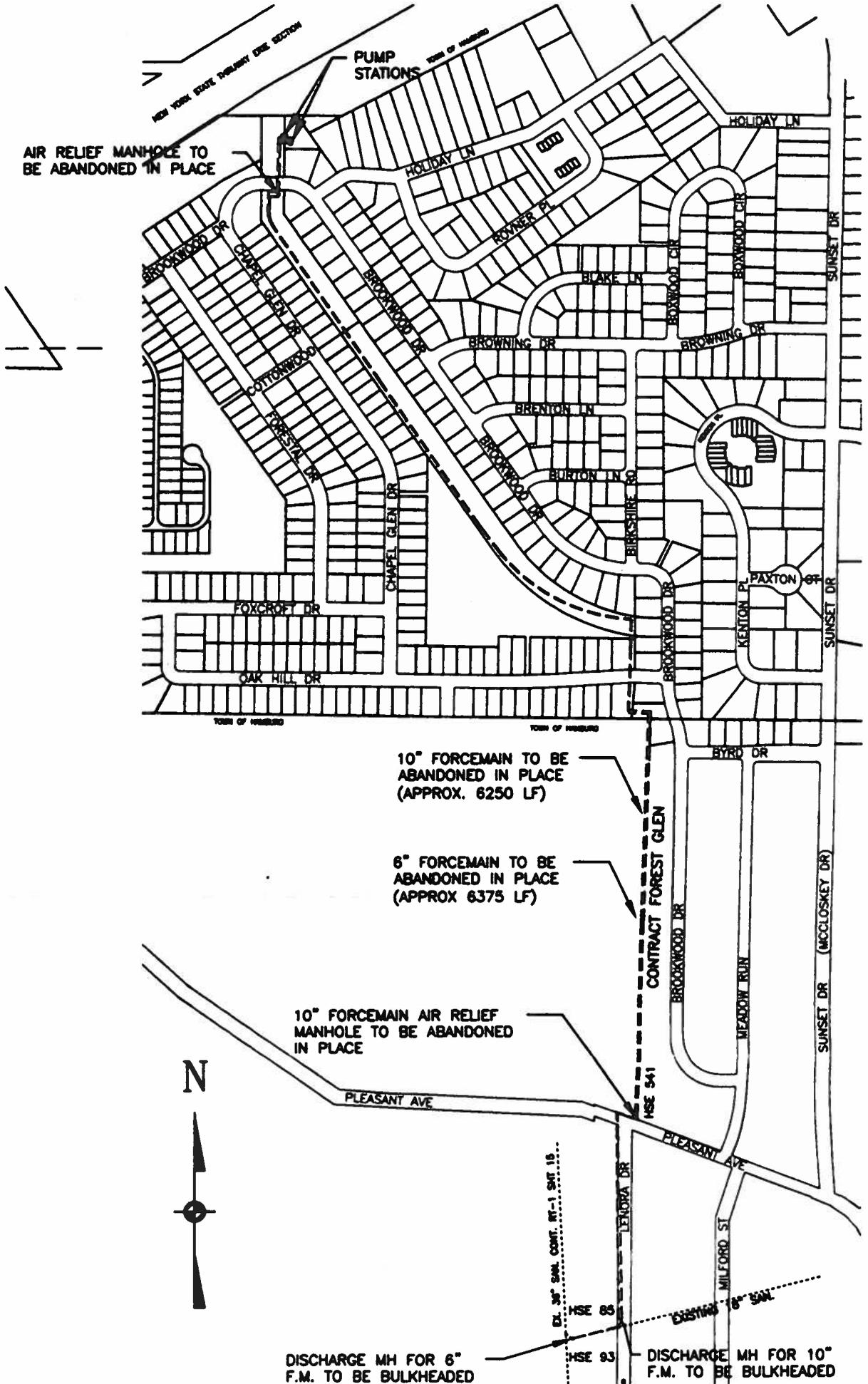
CC: All Attendees  
S. Canestrari (w/ encl.)  
J. Carr/W. Lardo/J. Russell/D.Skowronski/3.3.3.40  
V:\Sewerage Management\Project Files\Construction\District 3\40\Pre Bid Meeting Minutes  
Contract 40.doc

**ERIE COUNTY**  
**DEPARTMENT OF ENVIRONMENT PLANNING**  
**DIVISION OF SEWERAGE MANAGEMENT**  
**PRE-BID MEETING**  
**ECSD #3 - Contract 40**

**LOCATION: Rath Bldg. Rm. 1004**  
**DATE: June 20, 2012**  
**TIME: 11:00 AM**

**CONTRACT : 40: Charlotte/Sherburn, Mckinley & Brookwood P.S. Elim./Demo.**  
**ENGINEER : ECDEPDSM**

NAME	COMPANY / ADDRESS	TELEPHONE / FAX
JAMES A. CARR, P.E. ASSISTANT DEPUTY COMMISSIONER	EC DIV. SEWERAGE MGMT. 95 FRANKLIN ST, ROOM 1040 BUFFALO, NY 14202	(716) 858-2126 FAX (716)858-6257
EDWARD A. PAOLINI, P.E. SENIOR SANITARY ENGINEER	EC DIV. SEWERAGE MGMT. 95 FRANKLIN ST, ROOM 1032A BUFFALO, NY 14202	(716) 858-7407 FAX (716)858-6257
GARRY S. PECAK, P.E. SANITARY ENGINEER	EC DIV. SEWERAGE MGMT. 95 FRANKLIN ST, ROOM 1032C BUFFALO, NY 14202	(716) 858-6267 FAX (716)858-6257
DANIEL F. SKOWRONSKI, PLS ASSISTANT SANITARY ENGINEER	EC DIV. SEWERAGE MGMT. 95 FRANKLIN ST, ROOM 1032 BUFFALO, NY 14202	(716) 858-6472 FAX (716)858-6257
<i>MARC SHUTLEWORTH</i>	<i>Village of Hamburg</i>	<i>716-913-4470</i>
<i>RICHARD SZUCS JR</i>	<i>KANDEY COMPANY</i>	<i>P 716-675-7245</i> <i>F 716-675-4957</i>
<i>THOMAS REED</i>	<i>J. D. NORTHRUP CONST, INC.</i>	<i>P-716-699-9800</i> <i>F-716-699-5403</i>
<i>GLENN BELTON</i>	<i>EEO</i>	<i>858-8604</i>
<i>DONALD WITKOWSKI</i>	<i>VILLAGE OF HAMBURG</i>	<i>716-649-0200 EXT 3015</i>



AIR RELIEF MANHOLE TO BE ABANDONED IN PLACE

PUMP STATIONS

10" FORCEMAIN TO BE ABANDONED IN PLACE (APPROX. 6250 LF)

6" FORCEMAIN TO BE ABANDONED IN PLACE (APPROX. 6375 LF)

10" FORCEMAIN AIR RELIEF MANHOLE TO BE ABANDONED IN PLACE

DISCHARGE MH FOR 6" F.M. TO BE BULKHEADED

DISCHARGE MH FOR 10" F.M. TO BE BULKHEADED

