

Date: August 15, 2017

Mattern & Craig
Consulting Engineers
403 E. Market Street
Johnson City, Tennessee 37601

Project: McClelland Street Sanitary Sewer Rehabilitation

Project No: N/A

Commission No: 3490P

Addendum Date: August 15, 2017

Addendum No: 1

Includes revised Half-Size Plan Sheets (SHEET 3): x Yes No

The following shall modify the contract documents and the work shall be accomplished in accordance with such modifications. It is requested that this Addendum be stapled to the back of the front cover of the specifications.

ITEM #1: The Bid Date remains August 17, 2014 at 2:00PM.

ITEM #2: BID FORM (UNIT PRICE) – A revised Bid Form is attached. Note the following Bid Item Clarifications and/or revisions:

REVISE: BASE BID ITEM NO. 3 SANITARY SEWER PIPE: Quantity is revised to 280LF. Existing sewer was replaced between Existing MH1E108 and Proposed Manhole #1003 to within approximately 30LF of Proposed Manhole #1003. New sewer shall be connected to the existing sewer line with an approved coupling instead of being connected to the existing manhole. Add 103LF steel casing for 8” sanitary sewer in Railroad right-of-way per NSCE-8 Specs available at <http://www.nscorp.com/content/dam/nscorp/real-estate/Wire-Pipe/Specs-pipeline-occupancy-NSCE-8.pdf>.

REVISE: BASE BID ITEM NO. 4 SANITARY SEWER MANHOLES: The Unit for Sanitary Sewer Manholes should read “EA” in lieu of “VF”. The Estimated Quantity remains 3. Note that all new manholes (MH1001 – MH1003) must be vacuum tested per Specification 02980-3.03.E.1.

REVISE: BASE BID ITEM NOS. 9 and 10 CONNECTION TO SANITARY SEWER SYSTEM: Revise to 2 and 0 respectively. New sewer shall be connected to the existing sewer

lines with approved couplings. No connection to an existing manhole shall be installed.

ADD: BASE BID ITEM NO. 13 REMOVAL OF ASPHALT PAVEMENT: Add new item for the removal of existing asphalt pavement as required so that the Typical McClelland Street Road Section may be constructed. Removal shall be by means of milling or other methods suitable to complete the work.

ADD: BASE BID ITEM NO. 20 RAILROAD INSPECTION ALLOWANCE: Add new item as indicated for the estimated allowance to pay Norfolk Southern personnel to observe the work as required by Norfolk Southern standards (see <http://www.nscorp.com/content/dam/nscorp/real-estate/Wire-Pipe/Specs-pipeline-occupancy-NSCE-8.pdf>). This Allowance is an estimate only and the final cost of this item shall be billed directly to the Town of Bluff City by the Railroad as coordinated by the Contractor.

REVISE: ADD ALTERNATE 1 BID ITEM NO. 1 WATER PIPE – 4”: Revise quantity to 540LF in lieu of 520LF.

ADD: ADD ALTERNATE 1 BID ITEM NO. 5 AGGREGATE BACKFILL MATERIAL: Add new item as indicated for the estimated allowance to pay Norfolk Southern personnel to observe the work as required by Norfolk Southern standards. This Allowance is an estimate only and the final cost of this item shall be billed directly to the Town of Bluff City by the Railroad as coordinated by the Contractor.

ADD: Paragraph 4.2 “BID ADD ALTERNATE ITEM 2 FOR STORM DRAIN INSTALLATION
Add Unit Price items (Nos. 1 – 5) for the installation of a drop inlet with backing berm in the railroad ditch; 24” RCP storm drain down McClelland Street; a manhole to turn the storm drain in McClelland Street; and an End Section at its discharge to riprap as discussed at the Pre-Bid meeting. A schematic drawing depicting the proposed storm drain is attached.

ITEM #3: CLARIFICATION REGARDING BID

BIDS will be evaluated according to the BASE BID for the sanitary sewer improvements.

ITEM #4: SPECIFICATIONS SECTION 01900 MEASUREMENTS AND PAYMENTS –

ADD: 3.01. AA. Removal of Existing Asphalt Pavement Material: shall be paid for at the unit price bid per square yard, including all labor, equipment and materials required to remove the material and to transport and dispose of the material offsite at a facility approved to accept the waste material. For the purpose of the bid, the depth of existing material that shall be removed is considered to be 0” – 3”.

3.01.BB. Storm Drain Pipe: shall be measured and paid per lineal foot, for each size specified or indicated, regardless of class indicated. Measurements shall be made of the actual horizontal length, from face of headwall to face of headwall or from center

of structure to center of structure, except where indicated otherwise. The lineal foot price shall include all labor, equipment and materials for the pipe and culvert, joints, fittings, excavation, backfill, compaction, improved bedding, restoration, removal and disposal of excess excavated material including pavement, and any other work required for a complete installation.

3.01.CC. Storm Drain Manholes: shall be paid for at the lump sum price bid for each manhole, complete-in-place. The lump sum price bid shall include all equipment, labor, and materials for sheeting and shoring, excavation, backfill, bedding material, concrete manhole, the frame and cover, pipe installations, steps, the concrete riser and cone, invert shaping, grouting, special construction techniques, and any other item required for a complete installation.

3.01.DD. Inlets: shall be paid for at the lump sum price bid for each inlet, complete-in-place. The unit price shall include all equipment, labor and materials for excavation, backfill, bedding material, concrete inlet including the base, both cast-in-place and precast, the frame and cover, grate, invert shaping, pipe installation, grading of the "backing berm" and any other incidental grading, special construction techniques and any other item required for a complete installation.

3.01.EE. Endwalls and End Sections: shall be paid for at the lump sum price bid for each type. This price shall include all labor, equipment and materials for excavation, backfill aggregate, concrete, precast concrete, pipe connections, special construction techniques, and any other item necessary for a complete, working structure.

REVISE: 3.01.K - Delete last sentence - "Include Aggregate Backfill and Pavement Restoration within the lineal foot price for the water line."

These items shall be paid for in accordance with other Unit Price Items in the Bid.

ITEM #5: CLARIFICATION REGARDING AGGREGATE BACKFILL

All Aggregate Backfill will be paid for as a separate item based upon the unit price items bid for the work for each type of pipe installed and shall not be included in the unit costs for the pipe.

ITEM #6: BYPASS PUMPING

Average daily flows of 100gpm or less may be anticipated in the McClelland Street sewer line. The system does experience sudden wet-weather increases and any pumps used for bypass should accommodate 2.5 times average or 250gpm.

ITEM #7: PLAN HOLDERS LIST

Latest plan holders list is attached.

BID FORM

PROJECT: McClelland Street Sanitary Sewer Rehab

THIS BID IS SUBMITTED TO: Town of Bluff City, TN

City Hall; 4391 Bluff City Hwy

Bluff City, TN 37618

THIS BID SUBMITTED BY: _____

1. The undersigned BIDDER proposes and agrees, if this BID is accepted, to enter into an agreement with OWNER in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Bid Price and within the Bid Times indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.

2. BIDDER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for sixty days after the day of Bid opening. BIDDER will sign and deliver the required number of counterparts of the Agreement with the Bonds and other documents required by the Bidding Requirements within fifteen days after the date of OWNER's Notice of Award.

3. In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement, that:

- a) BIDDER has carefully studied the Bidding Documents and the following Addenda, receipt of all of which is hereby acknowledged.

ADDENDUM NO.	DATE
<u>1</u>	<u>AUGUST 15, 2017</u>
_____	_____
_____	_____

- b) BIDDER has visited the site and become familiar with and is satisfied as to the general, local and site conditions that may affect cost, progress, performance and furnishing of the Work;

- c) BIDDER is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress, performance and furnishing of the Work.

- d) NOT USED
- e) BIDDER is aware of the general nature of Work to be performed by Owner and others at the site that relates to Work for which this Bid is submitted as indicated in the Contract Documents.
- f) BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the site, reports and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, test, studies and data with the Contract Documents.
- g) BIDDER has given ENGINEER written notice of all conflicts, errors, ambiguities or discrepancies that BIDDER has discovered in the Contract Documents and the written resolution thereof by ENGINEER is acceptable to BIDDER, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.
- h) This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement of rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.

4. BIDDER will complete the Work for the Base Bid in accordance with the Contract Documents for the following price(s):

BASE BID UNIT PRICES

NO.	ITEM	UNIT	EST. QTY.	UNIT PRICE	TOTAL EST. PRICE
1.	Mobilization	LS	1		
2.	Riprap	SY	18		
3.	8" Sanitary Sewer Pipe	LF	280		
4.	Sanitary Sewer Manholes	EA	3		
5.	Sanitary Sewer Frames and Covers - Watertight	EA	3		
6.	Sanitary Sewer Laterals	LF	100		

NO.	ITEM	UNIT	EST. QTY.	UNIT PRICE	TOTAL EST. PRICE
7.	Sanitary Sewer Lateral Fittings on Sanitary Sewer Pipe - 8 "	EA	4		
8.	Cleanouts	EA	4		
9.	Connect to Existing Sewer	EA	2		
10.	Connect to Existing Sewer Manhole	EA	-		
11.	Trench Stabilization Material	TON	60		
12.	Aggregate Backfill Material	TON	380		
13.	Removal of Asphalt Pavement	SY	460		
14.	Aggregate Base Material	SY	520		
15.	Asphalt Concrete Base Material	SY	520		
16.	Asphalt Concrete Surface Material	SY	520		
17.	Concrete Curb	LF	175		
18.	Concrete Entrances and Driveways	SY	9		
19.	Field Stakeout Allowance	LS	1	5,000.00	5,000.00
20.	Railroad Inspection Allowance	DAY	5	1,500.00	7,500.00
21.	Record Drawings	LS	1		

TOTAL BASE BID FOR ALL UNIT PRICES _____

_____ (\$ _____)
 (use words) (figures)

Unit Prices have been computed in accordance with paragraph 11.9.2 of the General Conditions.

BIDDER acknowledges that quantities are not guaranteed and final payment will be based on actual quantities determined as provided in the Contract Documents.

4.1 BIDDER will complete the Work for the Bid Add Alternate Item 1 (Waterline) in accordance with the Contract Documents for the following price(s):

BID ADD ALTERNATE ITEM 1 UNIT PRICES

NO.	ITEM	UNIT	EST. QTY.	UNIT PRICE	TOTAL EST. PRICE
1.	Water Line - <u>4</u> "	LF	540		
2.	Water Valves - <u>4</u> "	EA	1		
3.	Connections to Existing Water System	EA	1		
4.	Water Service Connection	EA	4		
5.	Aggregate Backfill Material	TON	80		

TOTAL BID FOR BID ADD ALTERNATE ITEM 1 UNIT PRICES _____

_____ (\$ _____)
 (use words) (figures)

Unit Prices have been computed in accordance with paragraph 11.9.2 of the General Conditions.

BIDDER acknowledges that quantities are not guaranteed and final payment will be based on actual quantities determined as provided in the Contract Documents.

4.2 BIDDER will complete the Work for the Bid Add Alternate Item 2 (Storm Sewer) in accordance with the Contract Documents for the following price(s):

BID ADD ALTERNATE ITEM 2 UNIT PRICES

NO.	ITEM	UNIT	EST. QTY.	UNIT PRICE	TOTAL EST. PRICE
1.	Drop Inlet (TDOT D-CB-42) – 3.5’ Depth w/Backing Berm	EA	1		
2.	Storm Drain Pipe – 24” RCP	LF	300		
3.	Storm Drain Manhole – 6’ Depth	EA	1		

NO.	ITEM	UNIT	EST. QTY.	UNIT PRICE	TOTAL EST. PRICE
4.	24" End Section (VDOT ES-1)	EA	1		
5.	Aggregate Backfill Material	TON	300		

TOTAL BID FOR BID ADD ALTERNATE ITEM 2 UNIT PRICES _____

_____ (\$ _____)
 (use words) (figures)

Unit Prices have been computed in accordance with paragraph 11.9.2 of the General Conditions.

BIDDER acknowledges that quantities are not guaranteed and final payment will be based on actual quantities determined as provided in the Contract Documents.

5. BIDDER agrees that the Work will be substantially completed and also completed and ready for final payment in accordance with paragraph 14.13 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6. Since our bid is \$200,000 or more, I/we elect to utilize the escrow account procedure described in Section 12.9 of the Instructions to Bidders if determined to be the successful low bidder(s).
 _____ (Write "yes" or "no")

7. The following documents are attached to and made a condition of this Bid:

- (a) Required Bid Security in the form of _____
- (b) Evidence of Bidder's qualification to do business in State where project is located, such as up-to-date license certificate. Complete and attach to Bid the Bidder's Qualification Statement.

8. Communications concerning this Bid shall be addressed to:

The address of BIDDER indicated below.

The following address: _____

9. Terms used in this Bid which are defined in the General Conditions or Instructions will have the meanings indicated in the General Conditions or Instructions.

10. **BID SUBMITTED** on August 17, 2017

State Contractor License No. _____.

If BIDDER is:

An Individual

By: _____ (SEAL)
(Individual's Name)

doing business as _____

Business address: _____

Phone No: _____

A Corporation

By: _____ (SEAL)(Corporation Name)

(State of incorporation)

By: _____ (SEAL)
(Name of person authorized to sign)

(Title)

(Corporate Seal)

Attest: _____
(Secretary)

Business address: _____

Phone No: _____

(V) Date of Qualification to do business is _____

A Joint Venture

By: _____(SEAL)
(Name)

(Address)

By: _____
(Name)

(Address)

Phone Number and Address for receipt of official communications:

(Each joint venturer must sign. The manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above).

PLANHOLDERS LIST: McClelland Street Sanitary Sewer Rehabilitation – City of Bluff City, TN

1. Miller & Miller
2. Construction Connect
3. Ramirez Contracting
4. King General Contractors
5. PUCC
6. Buchanan Construction
7. Thomas Construction
8. Danny Minton
9. Rice Construction
10. Innovative Wastewater Solutions

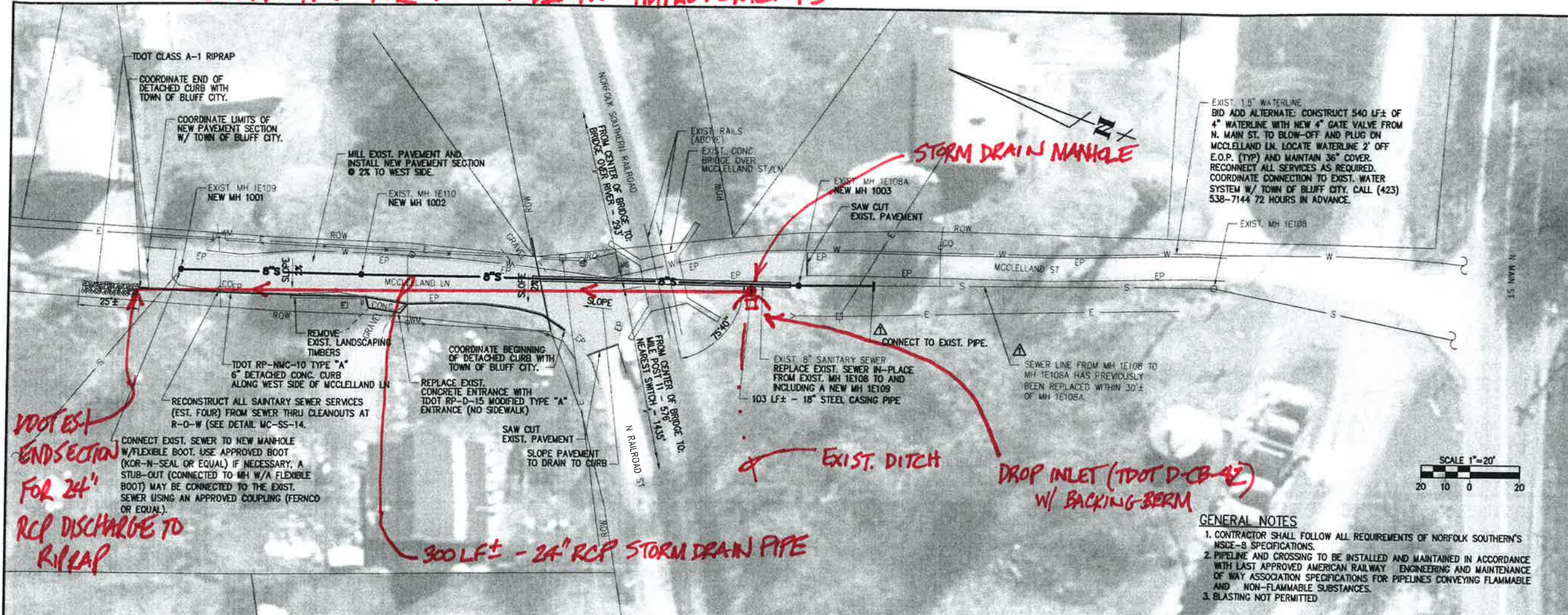
{3490P} McClelland Street Sanitary Sewer Rehabilitation – City of Bluff City, TN

Pre-bid meeting: August 8, 2017 2:00PM City Hall; 4391 Bluff City Hwy / Bluff City, TN

ATTENDEES:

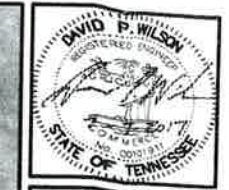
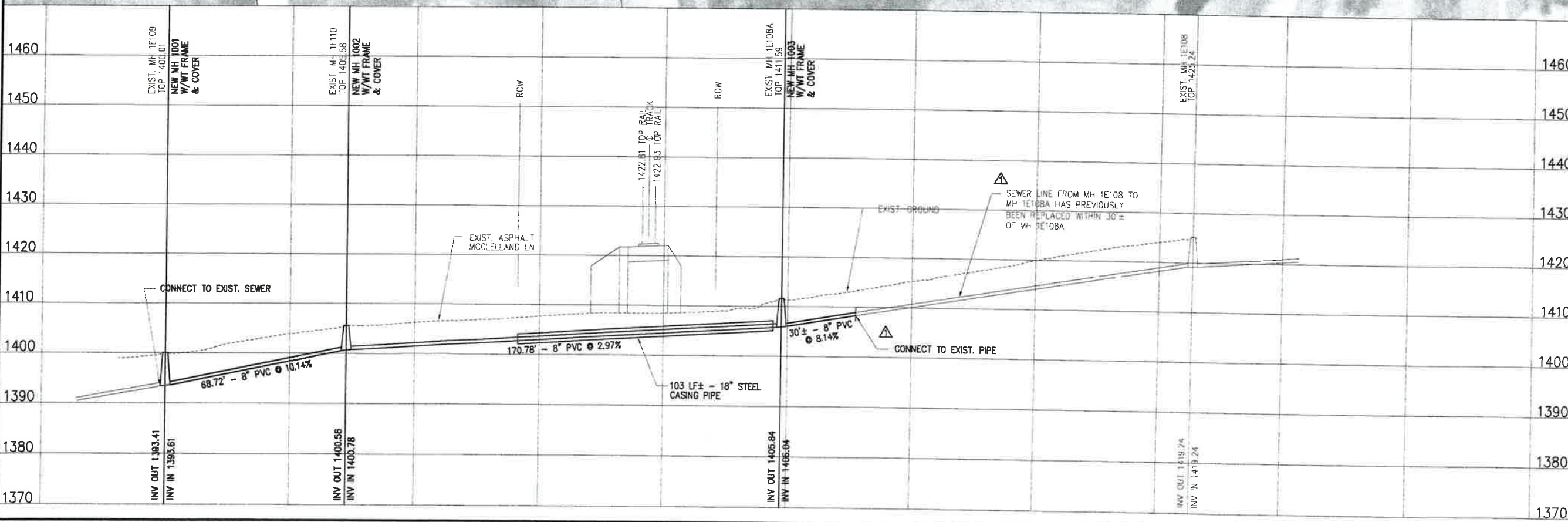
- | | |
|-------------------|-----------------------------|
| 1. Steve Ratliff | Baker Construction Services |
| 2. Tim Eades | Baker Construction Services |
| 3. Jerry Buchanan | Buchanan Construction |
| 4. Jim Carlton | Thomas Construction |
| 5. Alvin Rice | Rice Construction |
| 6. Van Holden | King General Contractors |
| 7. Dwain Miller | Miller & Miller |
| 8. Daniel Minton | Custom Design Structures |
| 9. Eddie Ramirez | Ramirez Contracting |
| 10. Joel Schaefer | Xylem Godwin Pumps |

SCHEMATIC DRAWING FOR STORM DRAIN IMPROVEMENTS



EXIST. 1.5" WATERLINE
 BID ADD ALTERNATE: CONSTRUCT 540 LF± OF
 4" WATERLINE WITH NEW 4" GATE VALVE FROM
 N. MAIN ST. TO BLOW-OFF AND PLUG ON
 MCCLELLAND LN. LOCATE WATERLINE 2' OFF
 E.O.P. (TYP) AND MAINTAIN 36" COVER.
 RECONNECT ALL SERVICES AS REQUIRED.
 COORDINATE CONNECTION TO EXIST. WATER
 SYSTEM W/ TOWN OF BLUFF CITY. CALL (423)
 538-7144 72 HOURS IN ADVANCE.

- GENERAL NOTES**
1. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS OF NORFOLK SOUTHERN'S MSCE-8 SPECIFICATIONS.
 2. PIPELINE AND CROSSING TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH LAST APPROVED AMERICAN RAILWAY ENGINEERING AND MAINTENANCE OF WAY ASSOCIATION SPECIFICATIONS FOR PIPELINES CONVEYING FLAMMABLE AND NON-FLAMMABLE SUBSTANCES.
 3. BLASTING NOT PERMITTED



Revision	8/9/17
Issue Date	JULY 2017
Drawn By	RJR
Designed By	DPW
Checked By	RWB
Date	

Mattem & Craig
 ENGINEERS • SURVEYORS
 403 E. MARKET ST.
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 (423) 979-2220
 FAX (423) 979-2222

TOWN OF BLUFF CITY
MCCLELLAND ST
 SANITARY SEWER REHAB
 TOWN OF BLUFF CITY TENNESSEE

Vertical Scale: 1"=10'
 Horizontal Scale: 1"=20'
 Commission Number: 3490P
 Sheet No: 3