



Carrie Eklund  
Central Services Manager  
Finance Department

## ADDENDUM TO BID

### US BUSINESS RT 20 FAP RT 303 (W. STATE ST.) SUNSET AVE. TO KENT CREEK WATER & SEWER MAIN REROUTE PROJECT Bid No: 812-PW-106 ADDENDUM NO.: 1

To: All Bidders:

Please make the following changes to the above mentioned bid package.

Discard original "Schedule of Prices" and replace with revised "Schedule of Prices" attached hereto.

General Provision 1.25 I.D.O.T. PERMIT shall be modified to now read:

#### 1.25 I.D.O.T. PERMIT

The City of Rockford has submitted to obtain an I.D.O.T. permit and will provide a copy to the Contractor upon contract award. The contractor will coordinate all work with I.D.O.T.'s resident Engineer, maintain a copy of the permit on-site when crews or equipment occupy the highway right-of-way, and follow all permit requirements.

The contractor will be required by I.D.O.T. to obtain a \$50,000 bond. The bond instructions for executing individual permit bonds are as follows (obtained from I.D.O.T.):

*By Surety Company - the bond must be signed by a regular officer or an-attorney-in-fact of the Surety Company and the company's seal must be affixed. If the bond is executed by other than one of the regular officers, the representative of the company so executing the bond must be a resident of the State of Illinois, and the bond must be executed on behalf of the Surety Company within this State.*

*A certified copy of the authority of the officer or attorney-in-fact so executing the bond must be attached and this authority must be shown to be in full force and effect on the date on which the bond is executed. If more than one bond is executed, attach such a copy to each bond.*

*The signature of such officer or attorney-in-fact must be acknowledged before a Notary Public residing in the County where the bond is executed, the date of acknowledgment to be the same or subsequent to the date of execution of the bond.*



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*The bond must be countersigned by an agent of the Surety Company residing in the State of Illinois and regularly licensed by the Insurance Department of this State on the date the bond is executed. The agent's countersignature should follow the signature of the regular officer of the Surety Company. The address of the countersigning agent should be given following his signature. An acknowledgement of the countersignature is not required.*

*The above mentioned countersignature is required on each bond. However, if the regular officer or Attorney-in-Fact who executed the bond is a resident of this State, and is licensed by the Insurance Department of this State, he may also countersign the bond.*

The City will provide the awarded contractor the bond form once the City council has approved the award of bids for the project.

This work will be incidental to the contract and will not be considered for further payment.

Special Provision 2.5 HDPE WATER MAIN, 14" (DIPS), DR 11 PE 3408 and 2.6 HDPE WATER MAIN, 18" (DIPS), DR 11 PE 3408 shall be modified to now read:

**Item 2.5 HDPE WATER MAIN, 14" (DIPS), DR 11 PE 3408**

**Item 2.6 HDPE WATER MAIN, 18" (DIPS), DR 11 PE 3408**

This work shall be furnished and installed in accordance with the City of Rockford Water Division Specifications and the requirements of the Engineer. Bacteriological sampling shall be done in accordance with the AWWA C651-99 regulations and EPA regulation section 652.203. The City of Rockford shall receive a copy of all bacteriological laboratory reports. All fittings (bends, tees, crosses, and plugs) required to complete this installation shall be as shown upon the plans or as directed by the Engineer.

This work shall consist of 'Sliplining' an existing 24" diameter cast iron pipe water main with 14- and 18-inch diameter High Density Polyethylene (HDPE) carrier pipe as indicated on the plans. The existing water main will be shut down by City staff for the duration of testing and installation. Unless indicated elsewhere, this work shall include the material cost of the pipe, as well as all labor, equipment and materials associated with the actual sliplining process including, but not limited to, permits, mobilization, site preparation, excavation of pushing/pulling/receiving pits, removal of existing water main (as required), dewatering, shoring, sheeting, inspecting the existing pipe, cleaning/clearing the existing pipe, joining lengths of HDPE pipe, installing the HDPE pipe, making service, lateral, and terminal connections, stabilizing the annular space (grouting in place), thrust blocking, pipe bedding, and backfilling of pushing/pulling/receiving pits.

The HDPE pipe shall be installed as shown on the plans and meet the following requirements. HDPE pipe shall be HDPE, DR 11. The pipe and fittings shall meet the requirements of



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AWWA C906 and ASTM D 3350. HDPE pipe shall be rated for use at a pressure class of 160 psi. The outside diameter of the pipe shall be based upon the DIPS sizing system. The HDPE pipe joints shall be Butt Fusion Fittings meeting the requirements of ASTM D3261. Service connections shall be electrofusion saddles with a brass or stainless steel threaded outlet, electrofusion saddles, or sidewall fusion branch saddles. These connections shall not be made until after the relaxation period consisting of 24-hours following the insertion of the HDPE water main into the existing 24" diameter cast iron pipe water main.

The contractor shall inspect the existing pipe to determine the condition of the line and determine the location of any obstacles in addition to those indicated on the plan drawings. The contractor shall clean and clear the line in order to facilitate placement of the HDPE water main. The contractor shall disconnect water services as described under a separate item and remove any other obstacles found during inspection. The Contractor shall verify that the existing 24" diameter water main is adequately prepared to receive the HDPE water main by pulling a test section of the HDPE water main through the existing pipe structure. If any gouges, scrapes, or other damage to the test section result in a loss of 10% of the pipe wall thickness, then the contractor shall provide additional cleaning and or obstruction removal followed by pulling another test section. No additional compensation will be allowed for multiple test section pulls, for any reason. Once the test section pull has been completed to the satisfaction of the engineer the contractor shall be allowed to begin the push/pull installation of the HDPE water main. Initialization of pushing/pulling operations shall constitute acceptance of the conditions in the field. No additional compensation will be allowed for incomplete or partial push/pull attempts of the HDPE water main, for any reason.

The Contractor shall fill the annular space between the HDPE carrier pipe and Cast Iron host pipe by pumping flowable grout for the entire length of the installation. Grout shall be placed uniformly around the new pipe. It is recommended that spacers be used to obtain the uniformity around the new pipe. Spacers shall be considered incidental to this pay item. The Contractor must demonstrate to the satisfaction of the Engineer that the void is completely filled with grout.

**Method of Measurement.** Measurement for this work will be per foot in place. Any pavement replacement for pushing/pulling/receiving pits will be measured according the dimensions indicated on the plans and paid for separately. Any trench backfill for pushing/pulling/receiving pits shall be measured according to the detail on the plans with a maximum pay width corresponding to the diameter of the HDPE water main installed. Additional open cuts required for valve removal and installation and the disconnection of existing services will be paid for separately. All fittings required for HDPE water main will not be measured separately, but shall be included in the cost of the associated water mains.

**Basis of Payment.** This work will be paid for at the contract unit price per foot for **HDPE WATER MAIN, 14" (DIPS)** and **HDPE WATER MAIN, 18" (DIPS)**.



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The following Special Provisions shall be added to Special Provision 2.14 LINE STOP, 6" and 2.15 LINE STOP, 8" and shall now read:

- Item 2.14 LINE STOP, 6"
- Item 2.15 LINE STOP, 8"
- Item 2.15a LINE STOP, 12"
- Item 2.15b LINE STOP, 24"

This item shall be furnished and installed in accordance with the City of Rockford Water Division Specifications and the requirements of the Engineer.

The contractor shall tap the existing water main at the locations indicated on the plans and plug the existing main with a rubber bladder to isolate the existing main during construction of water main improvements.

Basis of Payment. This work will be paid for at the contract unit price per each for LINE STOP, 6", LINE STOP, 8", LINE STOP, 12", or LINE STOP, 24".

Special Provision 2.50 TRAFFIC CONTROL AND PROTECTION PERMIT shall be modified to now read:

**Item 2.50 TRAFFIC CONTROL AND PROTECTION**

This work shall consist of furnishing, installing and maintaining all signs, signals, temporary pavement markings, other required traffic control markings, barricades, warning lights, and other devices which are to be used to regulate, warn or guide traffic during construction of this improvement. All work shall be in conformance with the current edition of the Illinois Department of Transportation's Manual on Uniform Traffic Control Devices for Street and Highways.

The Contractor will be required to furnish all traffic control devices necessary for the convenience and protection of vehicular and pedestrian traffic. Whenever the operation of the Contractor endangers or interferes with vehicular traffic or pedestrians, as determined by the Engineer, the Contractor shall furnish any additional traffic control devices necessary to direct and protect his workmen at no extra cost to satisfy the requirements of the Engineer. The Contractor will be required to furnish the necessary flaggers as specified in the Plans or required by the Engineer on a continuous basis whenever construction operations are in progress.

The Contractor will be responsible for the proper location, installation and arrangement of all traffic control devices furnished by him. Whenever operations indicate that relocation of a proposed or existing traffic control device is advisable, as determined by the Engineer, the Contractor shall remove, relocate and reinstall the device in question.



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All advance warning signs for lane closure, intermediate information signs and standard signs shall be installed in accordance with Illinois Highway Standard 701901. Cones will not be allowed as a traffic control device.

The Contractor will be responsible for the maintenance of all traffic control devices installed by him as designated in the Plans and Specifications or as required by the Engineer. The Contractor will provide surveillance of all barricades, barrels, warning signs and lights which he has installed on a 24-hour a day basis for each day of this contract. In the event of severe weather conditions, the Contractor shall be required to furnish any additional personnel required to maintain all traffic control devices as required by the Engineer. Surveillance shall mean checking control devices periodically, but not less than once every 4 hours.

The Contractor shall provide the City of Rockford and I.D.O.T. with the name, address and telephone number of three (3) persons who will be responsible for maintaining the traffic control devices and who will be available to the City and I.D.O.T. on an immediate basis 24 hours a day. If, for any reason, one or both of the persons become unavailable, the Contractor shall furnish the same information for other individuals who will be available.

The Contractor will be required to remove all traffic control devices which were furnished, installed or maintained by him under this contract and such devices shall remain the property of the Contractor upon said removal. All traffic control devices must remain in place until specific authorization for removal is received from the Engineer.

Once all work has been completed on West State Street, the detour shall be removed by the contractor by covering the posted detour signs, not physically removing them. Under no circumstances may West State Street be closed from January 1, 2013 to March 18, 2013.

Additional signage may be required per I.D.O.T's permit.

Method of Measurement. Measurement for this work will be on a lump sum basis.

Basis of Payment. This work will be paid for at the contract lump sum price for **TRAFFIC CONTROL AND PROTECTION**, which price shall be payment in full for all labor, materials, transportation, handling and incidental work necessary to furnish, install, maintain and remove all traffic control devices as indicated on the Plans or in these Specifications and as directed by the Engineer.

All other portions remained unchanged.



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Please see below for answer to various questions from potential bidders:

Q1: Is there any directional boring or jacking on this project.

A1: No. There is a lining (or inserting) of the existing water main with a smaller water main pipe size (see sheets 33, 34, and 37). There are suggested "push / pull" pits shown on the plans so that the contractor may guide the new pipe through the existing pipe.

Q2: Is it possible to open cut and install new water main in place of the HDPE pipe being inserted into the existing water main.

A2: The City will evaluate the construction method after the bids have been opened and awarded. However, the City reserves the right to not modify the construction method or plans. Please note that the portion under the railroad property will need to be the HDPE pipe inserted into the existing main and may not be open cut.

Q3: Will a map showing the City's existing valves be provided.

A3: Maps are being provided as part of the addendum.

**A copy of this addendum or a reference thereto must be included with your bid or the bid will not be read or considered.**

If you have any questions please contact the Central Services Division at (815) 987-5560.

DATED: September 13, 2012

FINANCE AND PERSONNEL COMMITTEE

Carrie Eklund  
Central Services Manager

**SCHEDULE OF PRICES**

**US Bus Rt 20 (W State St) Water and Sewer ReRoute Project**

**CITY OF ROCKFORD BID OPEN:**



Revised 9/12/12

Item No.	Items	Units	Quantity	Unit Price	Total
1	Ductile Water Main, 8" Class 52	L.F.	3,219		
2	Ductile Water Main, 12" Class 52	L.F.	6		
3	Ductile Water Main, 16" Class 51	L.F.	809		
4	Ductile Water Main, 24" Class 51	L.F.	40		
5	HDPE Water Main 14" (DIPS)	L.F.	267		
6	HDPE Water Main 18" (DIPS)	L.F.	778		
7	Disconnect Water Services	Each	10		
8	Fire Hydrant with 6" Valve & Valve Box	Each	17		
9	Gate Valve and Valve Box, 4"	Each	1		
10	Gate Valve and Valve Box, 6"	Each	2		
11	Gate Valve and Valve Box, 8"	Each	8		
12	Butterfly Valve and Valve Box, 12"	Each	1		
13	Butterfly Valve and Valve Box, 16"	Each	4		
14	Line Stop, 6"	Each	7		
15	Line Stop, 8"	Each	2		
16	Connect To Existing 6" Water Main	Each	9		
17	Connect To Existing 8" Water Main	Each	4		
18	Connect To Existing 12" Water Main	Each	1		
19	Connect To Existing 24" Water Main	Each	2		
20	Water Main Protection (10")	L.F.	40		
21	Water Main Protection (16")	L.F.	60		
22	Copper Service Complete, 0.75"	L.F.	56		
23	Copper Service Complete, 1"	L.F.	636		
24	Copper Service Complete, 1.5"	L.F.	21		
25	Copper Service Complete, 2"	L.F.	34		
<b>West State Street Water and Sewer ReRoute Project</b>		<b>Total Bid</b>	As read		
			As corrected		

**SCHEDULE OF PRICES**

**US Bus Rt 20 (W State St) Water and Sewer ReRoute Project  
CITY OF ROCKFORD BID OPEN:**



Revised 9/12/12

Item No.	Items	Units	Quantity	Unit Price	Total
26	Ductile Iron Service Complete, 4"	L.F.	80		
27	Ductile Iron Service Complete, 8"	L.F.	80		
28	Cut and Cap Existing Water Main	Each	6		
29	Cut and Plug Existing Water Main	Each	20		
30	Abandon Existing Valve and Valve Vault	Each	22		
31	Remove Existing Valve and Valve Vault	Each	2		
32	Remove Fire Hydrant Complete	Each	13		
33	Abandon Existing Valve and Valve Box	Each	1		
34	Tree Removal (Over 15 units in Dia.)	IN-DIA	30		
35	Rock Excavation	C.Y.	75		
36	Trench Backfill	C.Y.	2,000		
37	Select Foundation Material	C.Y.	30		
38	Permanent Pavement	S.Y.	2,220		
39	PCC Driveway Pavement, 6"	S.Y.	90		
40	PCC Sidewalk, 4"	S.F.	4,250		
41	ADA Curb Ramp Detectable Warning	S.F.	72		
42	Combination Concrete Curb and Gutter	L.F.	600		
43	Storm Sewer, Type 1, 12"	L.F.	60		
44	Storm Sewer, Type 1, 30"	L.F.	16		
45	Storm Sewer, Type 1, 48"	L.F.	10		
46	Silt Fence	L.F.	2,256		
47	Erosion Control For Inlets	Each	40		
48	Traffic Control and Protection	L.S.	1		
49	Parkway Restoration	L.S.	1		
<b>West State Street Water and Sewer ReRoute Project</b>		<b>Total Bid</b>	As read		
			As corrected		

**SCHEDULE OF PRICES**

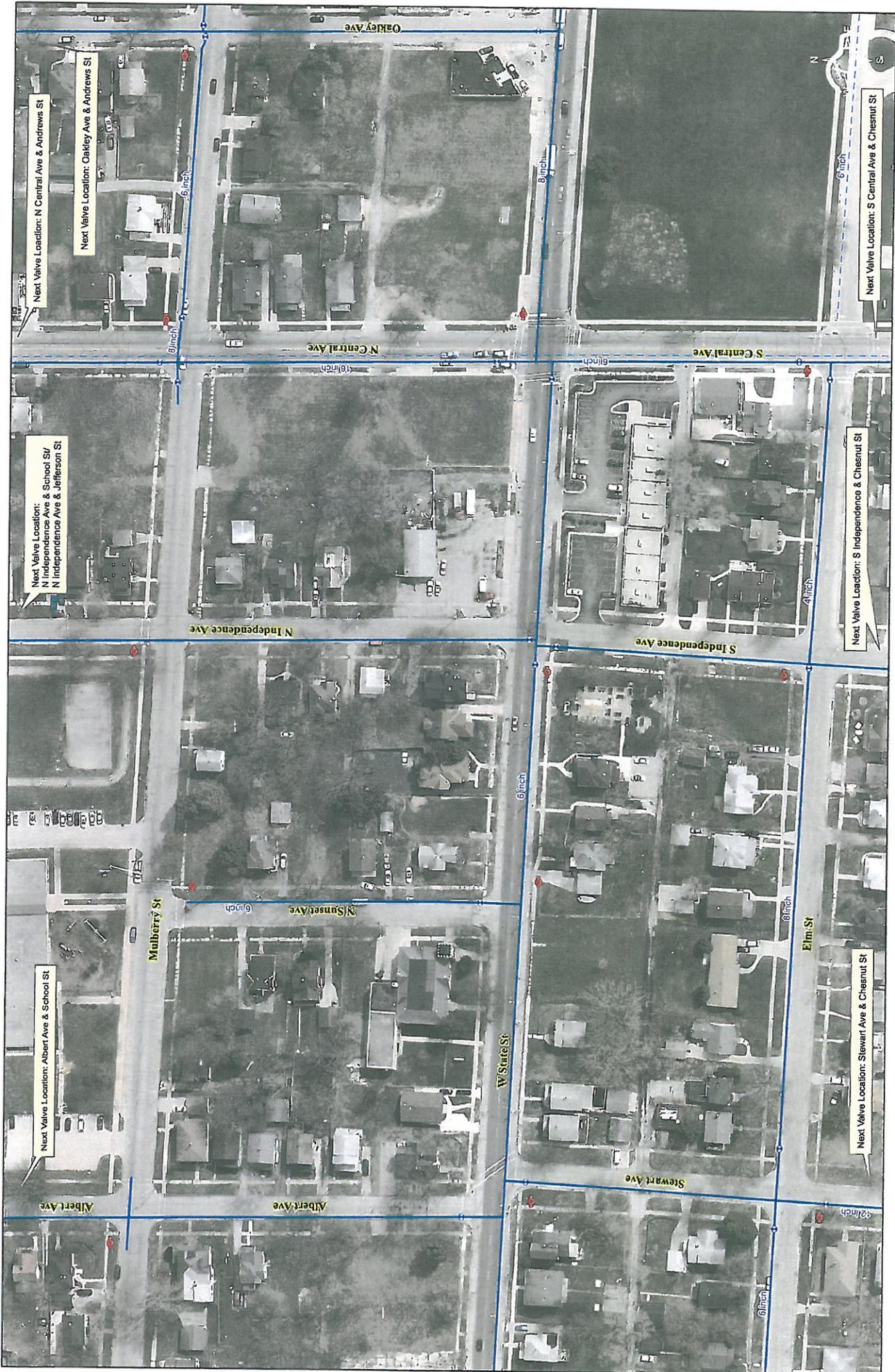
**US Bus Rt 20 (W State St) Water and Sewer ReRoute Project**

**CITY OF ROCKFORD BID OPEN:**



Revised 9/12/12

Item No.	Items	Units	Quantity	Unit Price	Total
50	8" Diameter PVC SDR35 (D3034) Sanitary Sewer	L.F.	524		
51	8" Diameter PVC SDR26 (D2241) Sanitary Sewer	L.F.	480		
52	10" Diameter PVC SDR26 (D2241) Sanitary Sewer	L.F.	118		
53	15" Diameter PVC SDR35 (D3034) Sanitary Sewer	L.F.	30		
54	4' Diameter Sanitary Manhole	Each	5		
55	4' Diameter Sanitary Drop Manhole	Each	2		
56	5' Diameter Sanitary Drop Manhole	Each	1		
57	4' Diameter Private Service Manhole	Each	2		
58	Sanitary Sewer Service Stub	Each	7		
59	Sanitary Sewer Service Reconnection, 4"	Each	24		
60	Sanitary Sewer Service Reconnection, 6"	Each	3		
61	Sanitary Sewer Service Replacement - Private Property	Each	2		
62	Abandon Sanitary Manhole	Each	4		
63	Remove Sanitary Manhole	Each	13		
64	Remove and Replace Sanitary Manhole	Each	10		
65	Temporary Pavement - Light Duty	SY	1,940		
66	Temporary Pavement - Heavy Duty	SY	585		
15a*	Line Stop, 12"	Each	1		
15b*	Line Stop, 24"	Each	1		
	*Line stops may not be utilized depending on field conditions				
<b>West State Street Water and Sewer ReRoute Project</b>		<b>Total Bid</b>	As read		
			As corrected		



Next Valve Location: N Central Ave & Andrews St

Next Valve Location: Oakley Ave & Andrews St

Next Valve Location:  
N Independence Ave & School St/  
N Independence Ave & Jefferson St

Next Valve Location: S Central Ave & Chestnut St

Next Valve Location: S Independence & Chestnut St

Next Valve Location: Albert Ave & School St

Next Valve Location: Stewart Ave & Chestnut St





Next Valve Location: N Avon St & W Jefferson St

Next Valve Location: S Avon St & Chesnut St

Next Valve Location: Avon Ct & Avon St

Next Valve Location: Stanley St & Chesnut St

Next Valve Location: Oakwood Ave & Jefferson St

Next Valve Location: Oakwood Ave & Mulberry St

Next Valve Location: W State St & Oakwood Ave

Next Valve Location: W State St & Stanley St

Next Valve Location: W State St & Elm St

Next Valve Location: Stanley St & Elm St

