



April 11, 2017

**SUBJECT: First Capitol Drive  
TAP 7302(661)  
Bid # 4226  
Addendum #2**

To Whom It May Concern:

The information contained below provides clarifications or modifications to the plans and specifications. Each bid must acknowledge this addendum by providing the contractor signature in the space provided herein. Please take into account the following information when preparing your bid:

- 1) How are Contractors to handle all 3 electrical hookups, north and south side of 1<sup>st</sup> Capitol Drive?**  
Pay item numbers A-01 and A-02 have been revised to include conduit and electric service cable and connection to existing power for each parcel. In addition a new pay item A-02A has been added. A summary is below and additional details can be found in Item 5 of this addendum. Plan sheet 6 has also been revised and incorporated into this addendum. The contractor shall determine the cable and conduit size required to provide electrical service based on the following:  
**Item A-01 Conduit and Service Cable and Hook Up for 300 Second Street (Trench)** – 200A service. 170 L.F. (Note: Contractor shall switch the meter base from an overhead base to an underground base.)  
**Item A-02 Conduit and Service Cable and Hook Up for 222 Second Street (Bore)** – 400A service. 150 L.F. (Note: The meter is located inside the building).  
**Item A-02A Conduit and Service Cable and Hook Up for City Park (Trench)** – 100A service. 90 L.F.
- 2) There does not seem to be a specification for bid item 59, Pole Identification Sticker**  
See note E-16 on sheet E-1 – Sticker shall be 2” black with yellow letters per note.
- 3) We feel that PVC is superior to and less expensive than rigid conduit shown on the plans.**  
During design the electrical consultant was directed to use rigid metallic conduit based on conversations with the City.
- 4) Who is responsible for testing?**  
The City will contract with an independent testing firm. The contractor shall make all samples readily available to the City as required for testing.

**5) Additions/Modifications to the Specifications and Bid Items**

**The following pay items descriptions were added and shall be considered a part of the contract documents:**

**Item A-01 Conduit and Service Cable and Hook Up for 300 Second Street (Trench)** – This item shall include all equipment, material and labor to furnish and install PVC conduit and electric service cable from the Ameren facilities to the meter and make connection to said meter. All work shall be in accordance with all applicable codes for such work and in accordance with Ameren requirements. The contractor shall be responsible for verifying the ampacity of the services and determining the size of the conduit and service cable accordingly. This item shall also include switching out the meter base at 300 Second Street from an overhead base to an underground base including all required material and enclosures as necessary.

This item shall be paid for at the linear foot unit price.

**Item A-02 Conduit and Service Cable and Hook Up for 222 Second Street (Bore)** – This item shall include all equipment, material and labor to furnish and install PVC conduit and electric service cable from the Ameren facilities to the meter and make connection to said meter. All work shall be in accordance with all applicable codes for such work and in accordance with Ameren requirements. The contractor shall be responsible for verifying the ampacity of the services and determining the size of the conduit and service cable accordingly. The conduit shall be bored to prevent damage to the Owner's Landscaping. Any damage to the landscaping shall be restored to pre-construction condition by the Contractor at no additional cost to the City. The service at 222 Second Street is located within the building and therefore must be coordinated with the owner and performed at a time mutually agreeable to all parties. The City shall provide owner contact information to the successful bidder for coordination.

This item shall be paid for at the linear foot unit price.

**Item A-02A Conduit and Service Cable and Hook Up for City Park (Trench)** – This item shall include all equipment, material and labor to furnish and install PVC conduit and electric service cable from the Ameren facilities to the meter and make connection to said meter. All work shall be in accordance with all applicable codes for such work and in accordance with Ameren requirements. The contractor shall be responsible for verifying the ampacity of the services and determining the size of the conduit and service cable accordingly.

This item shall be paid for at the linear foot unit price.

## **6) Revised Bid Proposal Sheets**

The Bid proposal sheet has been revised to reflect the changes noted above, as well as to reflect revisions made to various plan quantities. The revised bid form can be found on the following pages and must be used for bidding.

A summary of the changes is below:

Item No. 609-10.10 Type 'S' Curb (Quantity Revised)

Item No. 609-10.53 1.5' Wide Vertical Concrete Curb & Gutter (Quantity Revised)

Item No. 608-60.04 4" Thick Concrete Sidewalk (Quantity Revised)

Item No. 608-60.07 Concrete Curb Ramps (Quantity Revised)

Item No. 616-10.05 Temporary Construction Signage (Quantity Revised)

Item No. 620-60.01B 4" Yellow – Acrylic Waterborne Pavement Marking Paint (Quantity Revised)

Item 620-51.20A Type 2 Preformed Marking Tape (Grooved), 24" White (Stop Bar) (Quantity Revised)  
Item A-01 Conduit and Service Cable and Hook Up for 300 Second Street (Trench) (Description Revised)  
Item A-02 Conduit and Service Cable and Hook Up for 222 Second Street (Bore) (Description Revised)  
Item A-02A Conduit and Service Cable and Hook Up for City Park (Trench) (Item Added)  
Item 903-99.02 Decorative Sign Assembly (Quantity Revised)  
Item 903-99.02A Remove and Reuse Ex. Sign with New Decorative Sign Assembly (Quantity Revised)  
Item LA7-01 Unit Pavers (Quantity Revised)  
Item 608-99.05 Concrete Under Paver Sidewalk (Quantity Revised)

A revised summary of quantities sheet is attached.

**CONTRACTOR MUST SIGN BELOW TO ACKNOWLEDGE ADDENDUM NO 2**

CONTRACTOR'S SIGNATURE: \_\_\_\_\_

Printed Name: \_\_\_\_\_

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

**\*\*\*\*A COPY OF THIS NOTICE SHAL BE STAPLED TO THE BID PROPOSAL AND  
MUST BE SIGNED ACKNOWLEDGING RECEIPT\*\*\*\***

# Roadway Enhancement Project First Capitol Drive TAP-7302(661) Proposal

City of St. Charles Public Works Department  
200 North Second Street  
St. Charles, MO 63301

In accordance with the invitation to bid for the First Capitol Drive Enhancement project for the City of St. Charles subject to the conditions and requirements of the Agreement, and the specifications, which so far as they relate to the Proposal are made a part of it, the undersigned herewith proposes to provide and perform such work for the sum below: **(Any Items Not Listed In Pay Items Shall Be Considered Incidental To Construction)**

Item No.	Pay Item No.	Description:	Units	Estimated Quantity	Unit Price	Total Price
<i>ROADWAY ITEMS</i>						
1	202-20.10	Removal of Existing Improvements	L.S.	1	\$_____	\$_____
2	202-22.95	Sawcut Pavement (Full/Partial) Conc. Or Asph.	L.F.	5,623	\$_____	\$_____
3	202-99.01	Miscellaneous Removals and Relocations	L.S.	1	\$_____	\$_____
4	203-50.99	Earthwork	L.S.	1	\$_____	\$_____
5	304-05.04	4" Type 5 Aggregate Base	S.Y.	5,061	\$_____	\$_____
6	405-30.10	Type "C" Bituminous Concrete Wearing Surface (Pavement)	TON	515	\$_____	\$_____
7	405-30.30	Type "X" Bituminous Concrete (Base)	TON	683	\$_____	\$_____

Contractor:\_\_\_\_\_

Item No.	Pay Item No.	Description:	Units	Estimated Quantity	Unit Price	Total Price
8	405-99.05	3" Type "C" Bit Concrete Wearing Surface over 8" Type 5 Aggr. Base (Commercial Drives)	S.Y.	358	\$_____	\$_____
9	407-10.13	Tack-Liquid Asphalt (MC70)	GAL.	475	\$_____	\$_____
10	603-99.01	Adjust Gas Valve to Grade	EA.	6	\$_____	\$_____
11	604-17.01	Adjust Cleanout to Grade	EA.	2	\$_____	\$_____
12	604-20.30	Adjust Utility Structure to Grade	EA.	1	\$_____	\$_____
13	604-99.02	Adjust Monitoring Well to Grade	EA.	1	\$_____	\$_____
14	604-99.03	Adjust Private Storm Drain to Grade	EA.	1	\$_____	\$_____
15	607-45.36	Remove and Replace Fence near Church (36" Iron) (Match Ex. Style)	L.F.	110	\$_____	\$_____
16	607-45.60	Remove and Replace Fence near Church (Iron) (Match Ex. Style)	L.F.	20	\$_____	\$_____
17	608-50.07	Conc. Approach (7" Thick)	S.Y.	640	\$_____	\$_____
18	608-99.05	High Early Concrete Approach (7" Thick)	S.Y.	200	\$_____	\$_____
19	608-99.05A	Concrete at Pio's Entrance, Incl. Rail and Slip Resistant Paint	S.Y.	4	\$_____	\$_____
20	609-10.10	Type "S" Curb	L.F.	546	\$_____	\$_____
21	609-10.53	1.5' Wide Vertical Conc. Curb & Gutter	L.F.	1,774	\$_____	\$_____
22	609-10.70	Curb at Bus Shelter	L.F.	25	\$_____	\$_____

Contractor:\_\_\_\_\_

Item No.	Pay Item No.	Description:	Units	Estimated Quantity	Unit Price	Total Price
23	616-10.95	Pavement Edge Treatment	L.F.	2,070	\$_____	\$_____
24	619-10.00	Mobilization	L.S.	1	\$_____	\$_____
25	622-10.11	Mill Existing Pavement (Concrete/ Asphalt)	S.Y.	4,743	\$_____	\$_____
26	627-20.00	Reset Property Corners by Professional Land Surveyor, As Authorized	L.S.	1	\$_____	\$_____
27	627-40.00	Contractor Surveying and Staking	L.S.	1	\$_____	\$_____
28	627-99.01	As-Built Plans	L.S.	1	\$_____	\$_____
29	806-99.03	Inlet Protection Device (Curb and Grate Inlets) (At Each Inlet)	EA.	31	\$_____	\$_____
30	999-99.99	Bus Shelter	EA.	2	\$_____	\$_____
<b>BICYCLE AND PEDESTRAIN ITEMS</b>						
31	608-60.04	4" Thick Conc. Sidewalk	S.Y.	1,415	\$_____	\$_____
32	608-60.07	Concrete Curb Ramps	S.Y.	560	\$_____	\$_____
33	608-60.98	Truncated Domes	S.F.	152	\$_____	\$_____
34	620-51.32	Type 2 Preformed Marking Tape (Grooved) Bike Lane Sharrow	EA.	10	\$_____	\$_____
<b>SIGNALS, LIGHTING, SIGNING AND STRIPING ITEMS</b>						
35	616-10.05	Temporary Construction Signage	S.F.	291	\$_____	\$_____

Contractor:\_\_\_\_\_

Item No.	Pay Item No.	Description:	Units	Estimated Quantity	Unit Price	Total Price
36	616-10.98	Changeable Message Sign (Contractor Furnished and Maintained)	EA.	1	\$_____	\$_____
37	616-10.20	Channelizers	EA.	101	\$_____	\$_____
38	612-10.30	Type III Movable Barricade	EA.	19	\$_____	\$_____
39	620.70.01	Remove EX. Striping	L.F.	5,910	\$_____	\$_____
40	620-53.01B	Preformed Removable Marking Tape - 4" White	L.F.	150	\$_____	\$_____
41	620-53.03B	Preformed Removable Marking Tape - 4" Yellow	L.F.	5,760	\$_____	\$_____
42	620-60.00B	4" White – Acrylic Waterborne Pavement Marking Paint	L.F.	247	\$_____	\$_____
43	620-60.01B	4" Yellow – Acrylic Waterborne Pavement Marking Paint	L.F.	2,559	\$_____	\$_____
44	620-51.20A	Type 2 Preformed Marking Tape (Grooved), 24" White (Stop Bar)	L.F.	124	\$_____	\$_____
45	620-51.20B	Type 2 Preformed Marking Tape (Grooved), 24" White (Cross Walk)	L.F.	653	\$_____	\$_____
46	620-51.30	Type 2 Preformed Marking Tape (Grooved), Left/Right Arrow	EA.	2	\$_____	\$_____
47	620-51.31	Type 2 Preformed Marking Tape (Grooved), Straight Arrow	EA.	1	\$_____	\$_____
48	902-88.11	Pull Box, Preformed Class 2, with Type 1 Drainage, Cover Logo:GGL	EA.	2	\$_____	\$_____
49	902-88.16	Pull Box, Preformed Class 5, with Type 1 Drainage, Cover Logo:GGL	EA.	2	\$_____	\$_____
50	904-95.31	Adjust Traffic/Electric Control Box to Grade	EA.	2	\$_____	\$_____
51	904-62.00	Conduit, 2" HDPE Trench, Gateway Greenlight, Incl. Tracer Wire and Pulling Tape	L.F.	1,059	\$_____	\$_____

Contractor:\_\_\_\_\_

Item No.	Pay Item No.	Description:	Units	Estimated Quantity	Unit Price	Total Price
52	A-1	Conduit and Service Cable and Hook Up for 300 Second Street (Trench)	L.F.	170	\$_____	\$_____
53	A-2	Conduit and Service Cable and Hook Up for 222 Second Street (Bore)	L.F.	150	\$_____	\$_____
53A	A-2A	Conduit and Service Cable and Hook Up for City Park (Trench)	L.F.	90	\$_____	\$_____
54	A-3	Conduit, 4" PVC, Trench, Ameren Electric Supply	L.F.	10	\$_____	\$_____
55	A-4	Ameren Transformer Pad	EA.	1	\$_____	\$_____
56	E-01	Decorative Pole Type "AB" with 2 Luminares and Banner Arms	EA.	12	\$_____	\$_____
57	E-02	Decorative Pole Type "A" with 2 Luminares	EA.	4	\$_____	\$_____
58	E-03	Decorative Pole Type "B" with 1 Luminares	EA.	17	\$_____	\$_____
59	E-04	Pole Identification Sticker	EA.	33	\$_____	\$_____
60	E-05	Screw Anchor Base	EA.	33	\$_____	\$_____
61	E-06	Meter Pedestal with Meter, Photocontrol, Load Centers, Mounting Base	EA.	1	\$_____	\$_____
62	E-07	Concrete Pad for Meter Pedestal	EA.	1	\$_____	\$_____
63	E-08	½" x 8" Copper Clad Ground Rd w/Clamp at Pull Boxes and Meter Pedestal	EA.	34	\$_____	\$_____
64	E-09	2" SCH 40 HDPE Conduit	L.F.	1000	\$_____	\$_____
65	E-10	2" Rigid Metallic Conduit	L.F.	3000	\$_____	\$_____



Contractor:\_\_\_\_\_

Item No.	Pay Item No.	Description:	Units	Estimated Quantity	Unit Price	Total Price
66	E-11	2" Rigid Metallic Conduit 90 Degree Elbows	EA.	70	\$_____	\$_____
67	E-12	Crushed Gravel	C.Y.	70	\$_____	\$_____
68	E-13	Insulated Mechanical Connectors	EA.	200	\$_____	\$_____
69	E-14	Break-Away Fusible Connectors Kits	EA.	99	\$_____	\$_____
70	E-15	Break-Away Non-Fusible Connector Kits	EA.	66	\$_____	\$_____
71	E-16	Wire, AWG #8, THHN/THWN, Black	1000 L.F.	10	\$_____	\$_____
72	E-17	Wire, AWG #8, THHN/THWN, White	1000 L.F.	4.5	\$_____	\$_____
73	E-18	Wire, AWG #8, THHN/THWN, Green	1000 L.F.	3	\$_____	\$_____
74	E-19	Wire, AWG #12, THHN/THWN, Black (Pull Box to Pole)	L.F.	1000	\$_____	\$_____
75	E-20	Wire, AWG #12, THHN/THWN, White (Pull Box to Pole)	L.F.	500	\$_____	\$_____
76	E-21	Wire, AWG #12, THHN/THWN, Green (Pull Box to Pole)	L.F.	500	\$_____	\$_____
77	E-22	Wire, AWG #3/0, THHN/THWN, Black (Service Lateral)	L.F.	180	\$_____	\$_____
78	E-23	Polymer Concrete Pull Box, 12"x12"	EA.	33	\$_____	\$_____
79	E-24	12"x12" Pull Box Cover, 12"x12" LOGO: Street Lighting, 120-240V	EA.	33	\$_____	\$_____
80	902-99.01	Relocate Signal Equipment (PED. Push Button)	L.S.	1	\$_____	\$_____
81	903-99.02	Decorative Sign Assembly	EA.	24	\$_____	\$_____
82	903-99.02A	Remove and Reuse Ex. Sign with New Decorative Sign Assembly	EA.	2	\$_____	\$_____

Contractor:\_\_\_\_\_

*LANDSCAPING/STREETSCAPING ITEMS*

Item No.	Pay Item No.	Description:	Units	Estimated Quantity	Unit Price	Total Price
83	LA1-01	Wayfinding Signs	EA.	2	\$_____	\$_____
84	LA2-01	Receptacles (Anova Redevious, 40 Gallon	EA.	5	\$_____	\$_____
85	LA3-01	Planting Soil	C.Y.	55	\$_____	\$_____
86	LA3-02	Gravel	C.Y.	21	\$_____	\$_____
87	LA4-01	Bio-Infiltration Soil Media	C.Y.	36	\$_____	\$_____
88	LA4-02	Sand (ASTM C-33 Fine Aggregate)	C.Y.	7	\$_____	\$_____
89	LA4-03	Gravel (3/8" DIA)	C.Y.	7	\$_____	\$_____
90	LA4-04	Gravel (3/4" DIA)	C.Y.	7	\$_____	\$_____
91	LA4-05	Subgrade Tilling or Ripping	C.Y.	5	\$_____	\$_____
92	LA4-06	Stone Surface Areas	C.Y.	1	\$_____	\$_____
93	LA5-01	Perennials (1 quart)	EA.	285	\$_____	\$_____
94	LA5-02	Perennials (1 gallon)	EA.	178	\$_____	\$_____
95	LA6-01	Mulch	C.Y.	12	\$_____	\$_____
96	LA7-01	Unit Pavers	S.Y.	415	\$_____	\$_____
97	LA8-01	Thin Limestone Adhered Veneer	S.Y.	125	\$_____	\$_____
98	LA9-01	Seat Wall Cap	EA.	5	\$_____	\$_____

Contractor:\_\_\_\_\_

Item No.	Pay Item No.	Description:	Units	Estimated Quantity	Unit Price	Total Price
99	LA11-01	Skateboard Deterrents	KIT	1	\$_____	\$_____
100	605-99.03	Perforated Underdrains for Bio-Retention Areas	L.F.	120	\$_____	\$_____
101	608-99.05	Concrete Under Paver Sidewalk	S.Y.	415	\$_____	\$_____
102	703-20.09	Bio-Infiltration/Planter Walls (Reinforced Concrete)	C.Y.	179	\$_____	\$_____
103	703-20.09A	Seat Wall	C.Y.	5	\$_____	\$_____
104	803-99.05	Sod	S.Y.	524	\$_____	\$_____
105	808-99.01	Irrigation System Restoration	L.S.	1	\$_____	\$_____
<b>WATERMAIN/STORM SEWER ITEMS</b>						
106	W-01	6" Ductile Iron Water Main – In Place with Tracer Wire and Appurtenances (Restrained Joint Pipe)	L.F.	109	\$_____	\$_____
107	W-02	8" Ductile Iron Water Main – In Place with Tracer Wire and Appurtenances (Restrained Joint Pipe)	L.F.	121	\$_____	\$_____
108	W-03	12" Ductile Iron Water Main – In Place with Tracer Wire and Appurtenances (Restrained Joint Pipe)	L.F.	1,481	\$_____	\$_____
109	W-04	E-Z-Valve	EA.	2	\$_____	\$_____
110	W-05	Service Saddle and Service Connection	EA.	13	\$_____	\$_____
111	W-06	Water Service Casing	L.F.	10	\$_____	\$_____
Item No.	Pay Item No.	Description:	Units	Estimated Quantity	Unit Price	Total Price

Contractor:\_\_\_\_\_

112	W-07	Fire Hydrant Assembly	EA.	3	\$_____	\$_____
113	W-08	Flowable Backfill for Water Main	C.Y.	864	\$_____	\$_____
114	W-09	Adjust Water Valve to Grade	EA.	1	\$_____	\$_____
115	W-10	Remove & Replace Water Meter Box & Relocate Meter	EA.	12	\$_____	\$_____
116	W-11	Grout Fill and Abandon Existing Water Main	L.S.	1	\$_____	\$_____
117	W-12	Remove & Replace Brick Sidewalk and Roadway for Water Main Installation	L.S.	1	\$_____	\$_____
118	604-22.32	Sidewalk Trench Drain	L.F.	88	\$_____	\$_____
119	604-52.99	Connection to Existing Manhole (8" Thru 24" Pipe)	EA.	2	\$_____	\$_____
120	604-52.99A	2" PVC Pipe Connection to Storm Sewer	L.F.	44	\$_____	\$_____
121	604-52.99B	4" PVC Pipe Connection to Storm Sewer	L.F.	69	\$_____	\$_____
122	726-13.04	6" Schedule 40 PVC Pipe (Bio Area Overflow) (In Place)	L.F.	278	\$_____	\$_____
123	726-13.04A	6" Round Grated Top (Bio Area Overflow) (In Place)	EA.	12	\$_____	\$_____
124	726-13.12	12" RCP (Storm) (In Place)	L.F.	457	\$_____	\$_____
125	726-13.15	15" RCP (Storm) (In Place)	L.F.	18	\$_____	\$_____
126	731-99.02A	42" Manhole (Storm)	EA.	9	\$_____	\$_____
127	731-99.02B	48" Manhole (Storm)	EA.	2	\$_____	\$_____
128	731-99.02C	Curb Inlet (In Place)	EA.	2	\$_____	\$_____
<b>Item No.</b>	<b>Pay Item No.</b>	<b>Description:</b>	<b>Units</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>

Contractor:\_\_\_\_\_

129	731-99.02D	Neenah Grate Inlet w/Side Intake-Single (In Place)	EA.	7	\$_____	\$_____
130	731-99.02E	Neenah Grate Inlet w/ Side Intake – Double (In Place)	EA.	2	\$_____	\$_____
131	731-99.02F	Neenah Grate Inlet w/ Side Intake – Triple (In Place)	EA.	2	\$_____	\$_____
132	731-99.02G	MSD Grate Inlet w/ Side Intake – Single (In Place)	EA.	2	\$_____	\$_____
133	731-99.02H	MSD Grate Inlet w/ Side Intake – Double (In Place)	EA.	1	\$_____	\$_____
134	731-99.02I	Flowable Backfill (Storm Sewers)	C.Y.	234	\$_____	\$_____
135	731-99.02J	Abandon Ex. Storm Sewer Per Job Special Provisions	L.S.	1	\$_____	\$_____

**TOTAL BASE BID**      \$\_\_\_\_\_

**TOTAL BASE BID (IN WORDS)** \$\_\_\_\_\_

**ALTERNATE BID 1**

Item No.	Pay Item No.	Description:	Units	Estimated Quantity	Unit Price	Total Price
Alt 1		Irrigation – Design Build	L.S.	1	\$_____	\$_____

**TOTAL BASE BID + ALTERNATE BID 1**      \$\_\_\_\_\_

**TOTAL BASE BID + ALTERNATE BID 1 (IN WORDS)**      \$\_\_\_\_\_

*(Signature required on following page)*

Contractor:\_\_\_\_\_

\_\_\_\_\_

Contractor's Company Name

\_\_\_\_\_

Contractor's Authorized Rep. (SIGNATURE)

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

\_\_\_\_\_

Authorized Representative's Title

Mailing Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone Number: \_\_\_\_\_

ANY ITEMS NOT LISTED IN PAY ITEMS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION

## SUMMARY OF QUANTITIES

SHEET NUMBER				TOTAL	UNITS	ITEM	MODOT ITEM	DESCRIPTION
4	5	6	7					
ROADWAY ITEMS								
—	—	—	—	1	LS	1	202-20.10	REMOVAL OF EXISTING IMPROVEMENTS
2103	1941	1477	102	5623	LF	2	202-22.95	SAWCUT PAVEMENT (FULL/PARTIAL DEPTH) CONCRETE/ASPHALT
—	—	—	—	1	LS	3	202-99.01	MISC. REMOVALS AND RELOCATIONS
—	—	—	—	1	LS	4	203-50.99	EARTHWORK
1696	1833	1311	221	5061	SY	5	304-05.04	4" TYPE 5 AGGREGATE BASE
238	142	135	—	515	TON	6	405-30.10	TYPE 'C' BITUMINOUS CONCRETE WEARING SURFACE (PAVEMENT)
305	180	198	—	683	TON	7	405-30.30	TYPE 'X' BITUMINOUS CONCRETE (BASE)
114	185	40	19	358	SY	8	405-99.05	3" TYPE 'C' BITUMINOUS CONC. WEARING SURFACE OVER 8" TYPE 5 AGGR. BASE (COMMERCIAL DRIVES)
220	131	124	—	475	GA	9	407-10.15	TACK-ON ASPHALT (WC 70)
3	1	2	—	6	EA	10	603-99.01	ADJUST GAS VALVE TO GRADE
1	—	1	—	2	EA	11	604-17.01	ADJUST CLEANOUT TO GRADE
—	—	1	—	1	EA	12	604-20.30	ADJUST UTILITY STRUCTURE TO GRADE
—	—	1	—	1	EA	13	604-99.02	ADJUST MONITORING WELL TO GRADE
—	—	1	—	1	EA	14	604-99.03	ADJUST PRIVATE STORM DRAIN TO GRADE
—	110	—	—	110	LF	15	607-45.36	REMOVE & REPLACE FENCE NEAR CHURCH PARKING LOT (36" IRON) (MATCH EX. STYLE)
—	20	—	—	20	LF	16	607-45.60	REMOVE & REPLACE FENCE NEAR CHURCH ENTRANCE (IRON) (MATCH EX. STYLE)
172	270	198	—	640	SY	17	608-99.07	CONC. APPROACH (7" THICK)
—	200	—	—	200	SY	18	608-99.05	HIGH EARLY CONCRETE APPROACH (7" THICK)
4	—	—	—	4	SY	19	608-99.05A	CONCRETE AT PIO'S ENTRANCE, INCL. RAIL AND SLIP RESISTANT PAINT
392	102	52	—	546	LF	20	609-10.10	TYPE 'S' CURB
664	597	513	—	1774	LF	21	609-10.33	1.5" WIDE VERTICAL CONCRETE CURB & GUTTER
—	—	—	—	2	EA	22	609-10.70	CURB AT BUS SHELTER
650	840	580	—	2070	LF	23	616-10.95	PAVEMENT EDGE TREATMENT
2195	1308	1240	—	4743	LS	24	619-10.00	MOBILIZATION
8	6	8	—	22	EA	26	627-20.00	RESET PROPERTY CORNERS BY PROFESSIONAL LAND SURVEYOR, AS AUTHORIZED
—	—	—	—	1	LS	27	627-40.00	CONTRACTOR SURVEYING AND STAKING
—	—	—	—	1	LS	28	627-99.01	AS-BUILT PLANS
4	11	16	—	31	EA	29	608-99.03	INLET STONEWATER PROTECTION DEVICE (CURB AND GRATE INLETS) (AT EACH INLET)
—	—	1	2	3	EA	30	999-99.99	BUS SHELTER

<b>BICYCLE AND PEDESTRIAN ITEMS</b>								
430	495	345	145	1415	SY	31	608-60.04	4" THICK CONC. SIDEWALK
180	245	136	—	561	SY	32	608-60.07	CONCRETE CURB RAMPS
50	20	82	—	152	SF	33	608-60.98	TRUNCATED DOMES
3	4	3	—	10	EA	34	620-51.32	TYPE 2 PREFORMED MARKING TAPE (GROOVED) BIKE LANE SHARROW

								SIGNALS, LIGHTING, SIGNING, AND STRIPING ITEMS
-	-	-	-	291	SF	35	616-10.05	TEMPORARY CONSTRUCTION SIGNAGE (INCLUDES SUPPORT AND HARDWARE)
-	-	-	-	101	EA	36	616-10.98	CHANGEABLE MESSAGE SIGN (CONTRACTOR FURNISHED AND MAINTAINED)
-	-	-	-	19	EA	37	616-10.20	CHANNELIZERS
-	-	-	-	5910	EA	38	612-10.30	TYPE III MOVEABLE BARRICADE
-	-	-	-	150	LF	39	620-70.01	REMOVE EX. STRIPING
-	-	-	-	5760	LF	40	620-53.01B	PREFORMED REMOVEABLE MARKING TAPE - 4" WHITE
446	26	-	-	24	LF	41	620-53.03B	PREFORMED REMOVEABLE MARKING TAPE - 4" YELLOW
936	1000	603	-	2539	LF	42	620-60.00B	4" WHITE - ACRYLIC WATERBORNE PAVEMENT MARKING PAINT
65	-	59	-	124	LF	43	620-60.01B	4" YELLOW - ACRYLIC WATERBORNE PAVEMENT MARKING PAINT
435	26	169	-	634	LF	44	620-51.20A	TYPE 2 PREFORMED MARKING TAPE (GROOVED), 24" WHITE (STOP BAR)
2	-	-	-	2	EA	45	620-51.20B	TYPE 2 PREFORMED MARKING TAPE (GROOVED), 24" WHITE (CROSS WALK)
-	-	-	-	2	EA	46	620-51.30	TYPE 2 PREFORMED MARKING TAPE (GROOVED), LEFT/RIGHT ARROW
-	-	-	-	2	EA	47	620-51.31	TYPE 2 PREFORMED MARKING TAPE (GROOVED), STRAIGHT ARROW
-	2	-	-	2	EA	48	902-88.11	PULL BOX, PREFORMED CLASS 2, WITH TYPE 1 DRAINAGE COVER LOGO: GGL
-	1	-	-	2	EA	49	902-88.16	PULL BOX, PREFORMED CLASS 5, WITH TYPE 1 DRAINAGE COVER LOGO: GGL
-	-	-	-	2	EA	50	904-95.31	ADJUST TRAFFIC/ELECTRIC CONTROL BOX TO GRADE
400	500	154	-	1050	EA	51	904-95.30	CONDUIT AND SERVICE CABLE AND HOOK UP FOR 300 SECOND STREET (TRENCH)
-	-	-	-	170	LF	52	A-01	CONDUIT AND SERVICE CABLE AND HOOK UP FOR 300 SECOND STREET (TRENCH)
-	-	-	-	150	LF	53	A-02	CONDUIT AND SERVICE CABLE AND HOOK UP FOR 222 SECOND STREET (BORE)
5	-	-	-	90	EA	54	A-02A	CONDUIT AND SERVICE CABLE AND HOOK UP FOR CITY PARK (TRENCH)
-	-	-	-	10	EA	55	A-03	CONDUIT AND SERVICE CABLE AND HOOK UP FOR CITY PARK (TRENCH)
-	-	-	-	1	EA	55	A-04	AMEREN TRANSFORMER PAD
-	-	-	-	12	EA	56	E-01	DECORATIVE POLE TYPE "AB" WITH 2 LUMINAIRES AND BANNER ARMS
-	-	-	-	4	EA	57	E-02	DECORATIVE POLE TYPE "A" WITH 2 LUMINAIRES
-	-	-	-	17	EA	58	E-03	DECORATIVE POLE TYPE "B" WITH 1 LUMINAIRE
-	-	-	-	33	EA	59	E-04	POLE IDENTIFICATION STICKER
-	-	-	-	33	EA	60	E-05	SCREW ANCHOR BASE
-	-	-	-	61	EA	61	E-06	METER PEDESTAL WITH METER, PHOTOCONTROL, LOAD CENTERS, MOUNTING BASE
-	-	-	-	1	EA	62	E-07	CONCRETE PAD FOR METER PEDESTAL
-	-	-	-	34	EA	63	E-08	1/2" X 8" COPPER CLAD GROUND ROD W/ CLAMP AT PULL BOXES AND METER PEDESTAL
-	-	-	-	1000	LF	64	E-09	2" SCH 40 HDPE CONDUIT
-	-	-	-	3000	LF	65	E-10	2" RIGID METALLIC CONDUIT
-	-	-	-	70	EA	66	E-11	2" RIGID METALLIC CONDUIT 90 DEGREE ELBOWS
-	-	-	-	70	CY	67	E-12	CRUSHED GRAVEL
-	-	-	-	200	EA	68	E-13	INSULATED MECHANICAL CONNECTORS
-	-	-	-	99	EA	69	E-14	BREAK-AWAY FUSIBLE CONNECTOR KITS
-	-	-	-	66	EA	70	E-15	BREAK-AWAY NON-FUSIBLE CONNECTOR KITS
-	-	-	-	10	1000LF	71	E-16	WIRE, AWG#8, THHN/THWN, BLACK
-	-	-	-	4.5	1000LF	72	E-17	WIRE, AWG#8, THHN/THWN, WHITE
-	-	-	-	1000LF	73	E-18	WIRE, AWG#8, THHN/THWN, GREEN	
-	-	-	-	1000	LF	74	E-19	WIRE, AWG#12, THHN/THWN, BLACK (PULL BOX TO POLE)
-	-	-	-	500	LF	75	E-20	WIRE, AWG#12, THHN/THWN, WHITE (PULL BOX TO POLE)
-	-	-	-	500	LF	76	E-21	WIRE, AWG#12, THHN/THWN, GREEN (PULL BOX TO POLE)
-	-	-	-	180	LF	77	E-22	WIRE, AWG#10, THHN/THWN, BLACK (SERVICE LATERAL)
-	-	-	-	33	EA	78	E-23	POLYMER CONCRETE PULL BOX 12"x12"
-	-	-	-	33	EA	79	E-24	12"x12" PULL BOX COVER, LOGO: STREET LIGHTING, 120-240V
-	-	-	-	1	LS	80	902-99.01	RELOCATE SIGNAL EQUIPMENT (PED. PUSH BUTTON)
5	7	7	5	24	EA	81	903-99.02	DECORATIVE SIGN ASSEMBLY
-	-	-	-	2	EA	82	903-99.02A	REMOVE AND REUSE EX. SIGN WITH NEW DECORATIVE SIGN ASSEMBLY

<b>LANDSCAPING/STREETSCAPING</b>								
—	—	—	—	2	EA	83	LA1-01	WAYFINDING SIGNS
—	—	—	—	5	EA	84	LA2-01	RECEPTACLES (ANOVA RENDEVOUS, 40 GALLON)
—	—	—	—	55	CY	85	LA3-01	PLANTING SOIL
—	—	—	—	21	CY	86	LA3-02	GRAVEL
—	—	—	—	36	CY	87	LA4-01	BIO-INFILTRATION SOIL MEDIA
—	—	—	—	7	CY	88	LA4-02	SAND (ASTM C-33 FINE AGGREGATE)
—	—	—	—	7	CY	89	LA4-03	GRAVEL (3/8" DIA.)
—	—	—	—	7	CY	90	LA4-04	GRAVEL (3/4" DIA.)
—	—	—	—	5	CY	91	LA4-05	SUBGRADE TILLING OR RIPPING
—	—	—	—	1	CY	92	LA4-06	STONE SURFACE AREAS
—	—	—	—	285	EA	93	LA5-01	PERENNIALS (1 QUART)
—	—	—	—	178	EA	94	LA5-02	PERENNIALS (1 GALLON)
—	—	—	—	12	CY	95	LA6-01	MULCH
—	—	—	—	15	SY	96	LA7-01	UNIT PAVERS
—	—	—	—	180	SY	97	LA8-01	THIN LIMESTONE ADHERED VENEER
—	—	—	—	5	EA	98	LA9-01	SEAT WALL CAP
—	—	—	—	1	KIT	99	LA11-01	SKATEBOARD DETERRENTS
—	—	—	—	1	LF	100	805-99.03	PERFORATED UNDERDRAINS FOR BIO-RETENTION AREAS
143	116	107	49	415	CY	101	608-99.05	CONCRETE UNDER PAVEMENT SIDEWALK
89	86	26	—	191	CY	102	703-20.09	BIO-INFILTRATION/PLANTER WALLS (REINFORCED CONCRETE)
2	1	2	—	5	CY	103	703-20.09A	SEAT WALL (REINFORCED CONCRETE)
184	305	30	5	524	SY	104	803-99.05	SOD
—	—	—	—	1	LS	105	808-99.01	IRRIGATION SYSTEM RESTORATION

SHEET NUMBER				TOTAL	UNITS	ITEM	MODOT ITEM	DESCRIPTION
4	5	6	7					
WATERMAIN/STORM SEWER ITEMS								
25	75	9	--	109	LF	106	W-01	6" DUCTILE IRON WATER MAIN-IN PLACE WITH TRACER WIRE AND APPURTENANCES (RESTRAINED JOINT PIPE)
--	--	121	--	121	LF	107	W-02	8" DUCTILE IRON WATER MAIN-IN PLACE WITH TRACER WIRE AND APPURTENANCES (RESTRAINED JOINT PIPE)
480	511	490	--	1481	LF	108	W-03	12" DUCTILE IRON WATER MAIN-IN PLACE WITH TRACER WIRE AND APPURTENANCES (RESTRAINED JOINT PIPE)
2	--	--	--	2	EA	109	W-04	E2-VALVE
4	4	5	--	13	EA	110	W-05	SERVICE SADDLE AND SERVICE CONNECTION
--	10	--	--	10	LF	111	W-06	WATER SERVICE CASING
1	1	1	--	3	EA	112	W-07	FIRE HYDRANT ASSEMBLY
253	301	310	--	864	CY	113	W-08	FLOWABLE BACKFILL FOR WATER MAIN
--	--	--	--	1	EA	114	W-09	ADJUST WATER VALVE TO GRADE
4	3	5	--	12	EA	115	W-10	REMOVE & REPLACE WATER METER BOX & RELOCATE METER
--	--	--	--	1	LS	116	W-11	GROUT FILL AND ABANDON EXISTING WATER MAIN
--	--	--	--	1	LS	117	W-12	REMOVE AND REPLACE BRICK SIDEWALK AND ROADWAY FOR WATER MAIN INSTALLATION
18	11	59	--	88	LF	118	604-22.32	SIDEWALK TRENCH DRAIN
--	--	--	--	2	EA	119	604-52.99	CONNECTION TO EXISTING MANHOLE (8" THRU 24" PIPE)
--	44	--	--	44	LF	120	604-52.99A	2" PVC PIPE CONNECTION TO STORM SEWER
17	40	12	--	69	LF	121	604-52.99B	4" PVC PIPE CONNECTION TO STORM SEWER
--	208	70	--	278	LF	122	726-13.04	6" SCHEDULE 40 PVC PIPE (BIO AREA OVERFLOW)(IN PLACE)
--	9	3	--	12	EA	123	726-13.04A	6" ROUND GRATED TOP (BIO AREA OVERFLOW)(IN PLACE)
--	--	--	--	457	LF	124	726-13.12	12" RCP (STORM)(IN PLACE)
--	--	--	--	18	LF	125	726-13.15	15" RCP (STORM)(IN PLACE)
--	--	--	--	9	EA	126	731-99.02A	42" MANHOLE (STORM)
--	--	--	--	2	EA	127	731-99.02B	48" MANHOLE (STORM)
--	--	--	--	2	EA	128	731-99.02C	CURB INLET
--	--	--	--	7	EA	129	731-99.02D	NEENAH GRATE INLET W/SIDE INTAKE-SINGLE
--	--	--	--	2	EA	130	731-99.02E	NEENAH GRATE INLET W/SIDE INTAKE-DOUBLE
--	--	--	--	2	EA	131	731-99.02F	NEENAH GRATE INLET W/SIDE INTAKE-TRIPLE
--	--	--	--	2	EA	132	731-99.02G	MSD GRATE INLET W/SIDE INTAKE-SINGLE
--	--	--	--	1	EA	133	731-99.02H	MSD GRATE INLET W/SIDE INTAKE-DOUBLE
--	--	--	--	234	CY	134	731-99.02I	FLOWABLE BACKFILL (STORM SEWERS)
--	--	--	--	1	LS	135	731-99.02J	ABANDON EX. STORM SEWER PER JOB SPECIAL PROVISIONS

<b>ALTERNATE BID 1</b>								
—	—	—	—	1	LS	ALT1		IRRIGATION - DESIGN BUILD

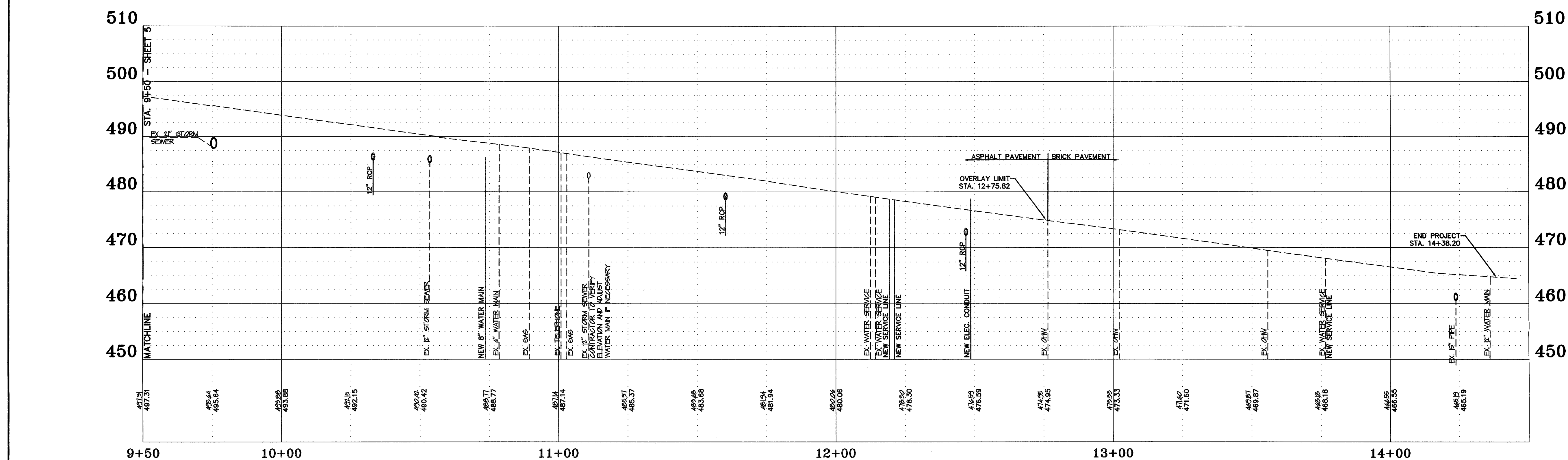
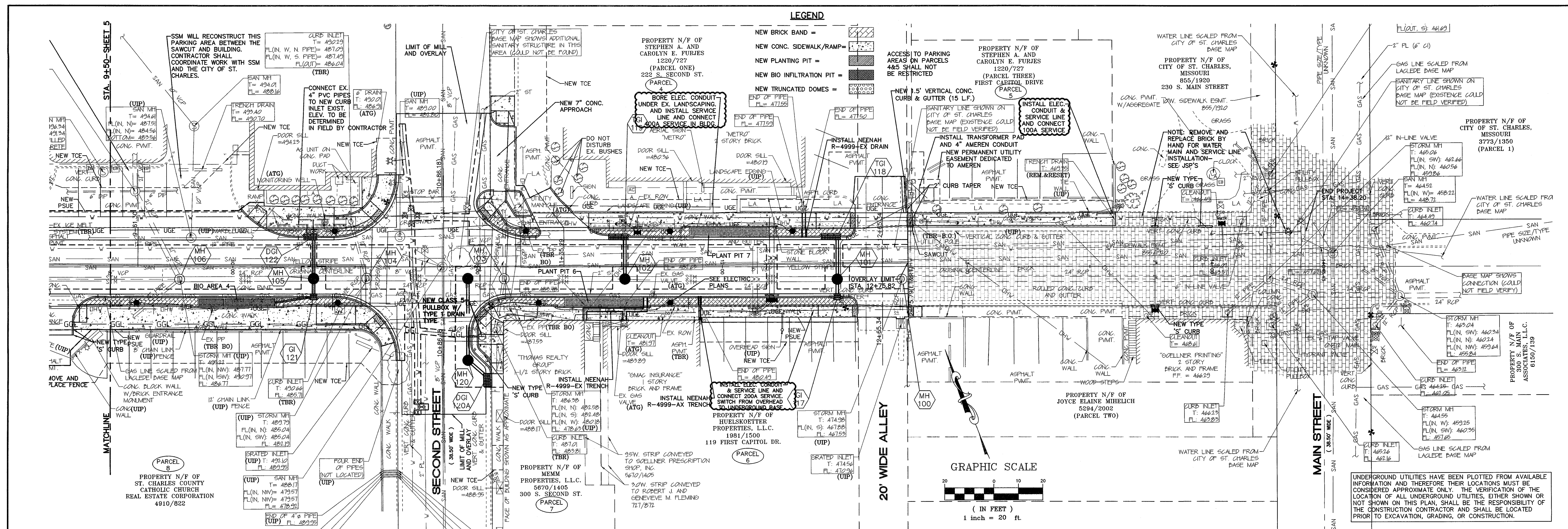
NOTES: 1. UTILITY RELOCATIONS (GAS, ELECTRIC, TELEPHONE, CABLE TV) AND EASEMENT ACQUISITIONS NOT INCLUDED IN ABOVE QUANTITIES.

2. COMPACTION OF SOILS SHALL BE INCIDENTAL TO EARTHWORK.
3. TEMPORARY SEEDING WHERE REQUIRED SHALL BE INCIDENTAL TO THE PROJECT.
4. ALL WORK OUTSIDE OF THAT SHOWN ON THE PLANS SHALL BE INCIDENTAL TO THE PROJECT.
5. SIGN ASSEMBLY SHALL INCLUDE POST, BASE, SIGNS AND ALL HARDWARE. CONTRACTOR SHALL INSTALL CITY SUPPLIED TAGS ON SIGNS.
6. TEMPORARY TRAFFIC CONTROL SIGNS AND BARRICADES PAID FOR ONE TIME ONLY AT INITIAL INSTALLATION. SIGNS AND BARRICADES SHALL BE MOVED AS NECESSARY.
7. REMOVAL OF SPOILS FROM THE SITE SHALL BE INCIDENTAL TO OTHER ITEMS BID. DISPOSE OF OFF SITE IN A LEGAL MANNER.
8. ASPHALT CONVERSION RATES USED - TYPE 'C' CONCRETE WEARING SURFACE 1.948 TON/C.Y. COMPACTED MIXTURE. TYPE 'X' BASE 1.943 TON/C.Y. COMPACTED MIXTURE


### LEGEND:

	EX. CURB/AREA INLET	
--	---------------------	--





				REVISIONS	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/30/17	JBS	AGENCY COMMENTS			
3/21/17	JBS	BID SET			
4/11/17	JBS	REVISE ELECTRIC CONDUIT AND SERVICE CALLOUTS			



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PREPARED FOR: CITY OF ST. CHARLES

PROJECT NAME:	
FIRST CAPITOL ENHANCEMENTS	
PROJECT NO.: 15-16537	DATE: 12/09/2016

## PLAN + PROFILE

**DISCLAIMER OF RESPONSIBILITY**  
I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey other than these authenticated by my seal.

STATE OF MISSOURI  
JEFFREY B  
SIMMONS  
NUMBER  
PE-2007030831  
PROFESSIONAL ENGINEER

4/11/2017  
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