

**Local Public Agency
Formal Contract Proposal**

PROPOSAL SUBMITTED BY		
Contractor's Name		
Street	P.O. Box	
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Kane
 City of St. Charles, Illinois
(Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. S. 19th St. & Walnut Dr. Water Main Improvements
 SECTION NO. N/A
 TYPES OF FUNDS Corporate

SPECIFICATIONS (required)

PLANS (required)

For Municipal Projects
 Submitted/Approved/Passed

Mayor President of Board of Trustees Municipal Official

Date

For County and Road District Projects
 Submitted/Approved

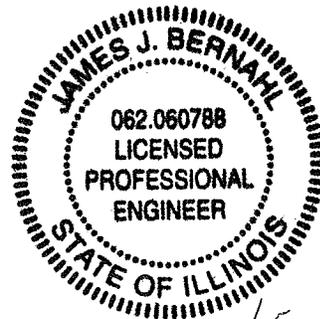
Highway Commissioner

Date

Submitted/Approved

County Engineer/Superintendent of Highways

Date



Exp 11/30/15

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

RETURN WITH BID

NOTICE TO BIDDERS

County Kane
Local Public Agency City of St. Charles
Section Number N/A
Route S. 19th St. & Walnut Dr. WM

Sealed proposals for the improvement described below will be received at the office of the City Clerk
City of St. Charles, 2 East Main Street, St.Charles, IL 60174 until 10:00 AM on March 13, 2014
Address Time Date

Sealed proposals will be opened and read publicly at the office of Council Chambers
City of St. Charles, 2 East Main Street, St. Charles, IL 60174 at 10:00 AM on March 13, 2014
Address Time Date

DESCRIPTION OF WORK

Name South 19th St. & Walnut Dr. Water Main Improvements Length: 485 feet (miles)
Location South 19th Street & Walnut Drive
Proposed Improvement Installation of 10" dia. ductile iron water main & 10" dia. valves in vaults, remove & replace fire hydrants,
water service connection, water main abandonment, remove & replace driveway aprons, sidewalks & curbs, & restore parkway.

1. Plans and proposal forms will be available in the office of City of St. Charles website at no charge at:
http://www.stcharlesil.gov/bids-proposals. Contact James Bernahl, P.W. Engineering Division Manager, 630-377-4486.
Address

2. Prequalification
If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all
uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One
original shall be filed with the Awarding Authority.

3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special
Provision for Bidding Requirements and Conditions for Contract Proposals.

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:

- a. BLR 12200 – Contract Cover
b. BLR 12200 – Notice to Bidders
c. BLR 12200 – Proposal
d. BLR 12200a – Schedule of Prices
e. BLR 12200 – Signatures
f. BLR 12230 – Proposal Bid Bond
g. BC 57 – Affidavit of Availability
h. Certificate of Nondiscrimination
i. Affidavit of Noncollusion
j. Certificate of Compliance with State of Illinois Prevailing Wages
k. IDOT Certification of Eligibility

5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor
will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The
scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements
for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an
in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated
profits resulting from such failure or neglect of the bidder.

7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.

8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the
Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope
other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by
mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids
are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received
after the time specified will be returned to the bidder unopened.

9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for
opening proposals.

RETURN WITH BID

PROPOSAL

County Kane
Local Public Agency City of St. Charles
Section Number N/A
Route S. 19th St. & Walnut Dr. WM

1. Proposal of _____

for the improvement of the above section by the construction of Installation of 10" dia. ductile iron water main and 10" dia. valves in vaults, remove and replace fire hydrants, water service connection, water main abandonment, remove and replace driveway aprons, sidewalks and curbs, and parkway restoration.

a total distance of 485 feet, of which a distance of 485 feet, () miles) are to be improved.

2. The plans for the proposed work are those prepared by City of St. Charles - Public Works Engineering Division and approved by the Department of Transportation on N/A

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the project Special Provisions and General Specifications contained in this proposal.

5. The undersigned agrees to complete the work within working days or by May 16, 2014 unless additional time is granted in accordance with the specifications.

6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to:

Treasurer of City of St. Charles

The amount of the check is 5% of bid amount ().

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number N/A.

8. The successful bidder at the time of execution of the contract will be required to deposit a contract bond for 110% of the amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.

9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.

10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.

11. The undersigned submits herewith the schedule of prices on BLR 12200a covering the work to be performed under this contract.

12. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12200a, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.

SCHEDULE OF PRICES

County Kane
 Local Public Agency City of St. Charles
 Section N/A
 Route S.19th St. & Walnut Dr. WM

Schedule for Single Bid

(For complete information covering these items, see plans and specifications)

Item No.	Items	Unit	Quantity	Unit Price	Total
1	FIRE HYDRANT ASSEMBLY, TO BE REMOVED	EA	2		
2	NEW FIRE HYDRANT ASSEMBLY	EA	2		
3	10" GATE VALVE IN 5' DIA. VALVE VAULT	EA	3		
4	6" DUCTILE IRON WATER MAIN, CLASS 52	FT	10		
5	10" DUCTILE IRON WATER MAIN, CLASS 52	FT	485		
6	12" DUCTILE IRON WATER MAIN, CLASS 52	FT	14		
7	WATER SERVICE CONNECTION	EA	1		
8	P.C.C. SIDEWALK REMOVAL & REPLACEMENT	SF	260		
9	COMBINATION CURB & GUTTER, REMOVAL & REPLACEMENT	LF	50		
10	AGGREGATE DRIVEWAY APRON REMOVAL - REPLACE WITH HOT-MIX ASPHALT	SY	60		
11	SODDING, SPECIAL	SY	950		
12	TRAFFIC CONTROL & PROTECTION	LS	1		
Bidder's Proposal for making Entire Improvements					

The undersigned further agrees that if awarded the contract for the sections contained in the following combinations, he will perform the work in accordance with the requirements of each individual proposal for the multiple bid specified in the schedule below.

Schedule for Multiple Bids

Combination Letter	Sections Included in Combinations	Total

CONTRACTOR CERTIFICATIONS

County	<u>Kane</u>
Local Public Agency	<u>City of St. Charles</u>
Section Number	<u>N/A</u>
Route	<u>S. 19th St. & Walnut Dr. WM</u>

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedures established by the appropriate revenue Act, its liability for the tax or the amount of tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of Section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent in behalf of the corporation.

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative Code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be cancelled.

RETURN WITH BID

SIGNATURES

County Kane
Local Public Agency City of St. Charles
Section Number N/A
Route S. 19th St. & Walnut Dr. WM

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed By _____

Business Address _____

Inset Names and Addressed of All Partners

} _____

(If a corporation)

Corporate Name _____

Signed By _____

President

Business Address _____

Inset Names of Officers

} President _____
Secretary _____
Treasurer _____

Attest: _____
Secretary

**Local Agency
Proposal Bid Bond**

Route S. 19th & Walnut Water Main
County Kane
Local Agency City of St. Charles
Section N/A

RETURN WITH BID

PAPER BID BOND

WE _____ as PRINCIPAL,
and _____ as SURETY,
are held jointly, severally and firmly bound unto the above Local Agency (hereafter referred to as "LA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids whichever is the lesser sum. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly pay to the LA this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ day of _____

Principal

(Company Name) _____
By: _____ By: _____
(Signature and Title) (Signature and Title)

(If PRINCIPLE is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety

By: _____
(Name of Surety) (Signature of Attorney-in-Fact)

STATE OF ILLINOIS,
COUNTY OF _____

I, _____, a Notary Public in and for said county,
do hereby certify that _____

(Insert names of individuals signing on behalf of PRINCIPAL & SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____

My commission expires _____
(Notary Public)

ELECTRONIC BID BOND

Electronic bid bond is allowed (box must be checked by LA if electronic bid bond is allowed)

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

(Company/Bidder Name)

(Signature and Title) _____
Date

Affidavit of Availability For the Letting of 19th St. & Walnut Dr. Water Main

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

	1	2	3	4	Awards Pending	
County and Section Number						
Contract With						
Estimated Completion Date						
Total Contract Price						Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE**.

						Accumulated Totals
Earthwork						
Portland Cement Concrete Paving						
Bituminous Plant Mix						
Bituminous Aggregate Mixture						
Miscellaneous Bituminous Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces						
Highway, R.R. and Waterway Structures						
Drainage						
Electrical						
Cover and Seal Coats						
Miscellaneous Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Fabrication						
Building Construction						
Other Construction (List)						
Totals						

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

I, being duly sworn, do hereby declare that this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Subscribed and sworn to before me
 this _____ day of _____ _____ Type or Print Name _____
 Officer or Director Title

 Notary Public Signed _____

My commission expires _____
 Company _____

(Notary Seal) Address _____

CERTIFICATE OF NONDISCRIMINATION

This is to certify that this firm does not and will not discriminate in any of its employment practices against persons because of their race, color, religion, sex or place of national origin, or ancestry.

The undersigned will take all necessary affirmative action as may be required by all applicable Federal, State and Local laws, ordinances, rules, regulations and orders to ensure that applicants are employed and that employees are treated, during employment, without regard to their race, color, religion, sex or national origin or ancestry.

Firm: _____

By: _____

Title: _____

Date: _____

STATE OF ILLINOIS)
)
COUNTY OF KANE & DUPAGE)

AFFIDAVIT OF NONCOLLUSION

The undersigned, who has herewith submitted a bid to provide,

(describe nature of service or product)
in accordance with plans and specifications furnished by the City of St Charles for

_____ (describe project)
does hereby affirm that said undersigned person and/or firm into any agreement, understanding, or arrangement with any other bidder or prospective bidder or with any other person, firm, or corporation relating to the price named in said proposal, nor has said undersigned person and/or firm entered into any agreement, understanding, or arrangement under which any person, firm, or corporation is to refrain from bidding, nor any agreement, understanding, or arrangement for any act or omission in restraint of free competition among bidders.

The undersigned further affirms that said undersigned person and/or firm is not disqualified by law from contracting with the City of St Charles; and that said undersigned person and/or firm has not disclosed to any person, firm, or corporation the terms of this proposal or the price named herein.

_____	_____
Bid for	Company
_____	_____
Date	Address
_____	_____
	Duly authorized agent or officer

Subscribed and sworn to me

this _____ day of _____, A.D. 20 _____

Notary Public

**CERTIFICATE OF COMPLIANCE
WITH STATE OF ILLINOIS
PREVAILING WAGE RATES**

This contract calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/01 *et seq.* ("the Act"). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current "prevailing rate of wages" (hourly cash wages plus amount for fringe benefits) in the county where the work is performed.

The Department publishes the prevailing wage rates on its website at <http://www.state.il.us/agency/idol/rates/rates.htm>. The Department revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Department's website for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer to the Illinois Department of Labor's website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act, *including but not limited to*, all wage requirements and notice and record keeping duties.

The undersigned will take all necessary action and be responsible for full compliance with the State of Illinois laws and Illinois Department of Transportation Special Provision with regard to this issue. The Special Provision is included in these documents for your information. If the Company believes the Act does not apply to them, then in lieu of certified payroll, the Company will provide a certified statement, in letter form, setting forth the basis upon which they have concluded the Act does not apply.

Company

Address

Date

Duly Authorized Agent of Officer

Kane County Prevailing Wage for February 2014

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
=====	==	===	=	=====	=====	=====	===	===	=====	=====	=====	=====
ASBESTOS ABT-GEN		ALL		37.100	37.600	1.5	1.5	2.0	12.97	9.930	0.000	0.500
ASBESTOS ABT-MEC		BLD		35.100	37.600	1.5	1.5	2.0	11.17	10.76	0.000	0.720
BOILERMAKER		BLD		44.240	48.220	2.0	2.0	2.0	6.970	16.92	0.000	0.350
BRICK MASON		BLD		41.580	45.740	1.5	1.5	2.0	9.700	12.80	0.000	1.040
CARPENTER		ALL		42.520	44.520	1.5	1.5	2.0	13.29	12.76	0.000	0.630
CEMENT MASON		ALL		41.550	43.550	2.0	1.5	2.0	9.500	15.87	0.000	0.500
CERAMIC TILE FNSHER		BLD		34.810	0.000	2.0	1.5	2.0	10.20	7.830	0.000	0.640
COMMUNICATION TECH	N	BLD		36.360	38.460	1.5	1.5	2.0	12.27	10.25	0.000	0.640
COMMUNICATION TECH	S	BLD		37.650	39.750	1.5	1.5	2.0	10.03	10.44	0.000	1.320
ELECTRIC PWR EQMT OP		ALL		36.610	49.750	1.5	1.5	2.0	5.000	11.35	0.000	0.270
ELECTRIC PWR GRNDMAN		ALL		28.310	49.750	1.5	1.5	2.0	5.000	8.780	0.000	0.210
ELECTRIC PWR LINEMAN		ALL		43.830	49.750	1.5	1.5	2.0	5.000	13.58	0.000	0.330
ELECTRIC PWR TRK DRV		ALL		29.310	49.750	1.5	1.5	2.0	5.000	9.090	0.000	0.220
ELECTRICIAN	N	ALL		43.330	47.660	1.5	1.5	2.0	12.78	12.22	0.000	0.760
ELECTRICIAN	S	BLD		45.040	49.540	1.5	1.5	2.0	10.36	11.26	0.000	1.580
ELEVATOR CONSTRUCTOR		BLD		49.900	56.140	2.0	2.0	2.0	12.73	13.46	3.990	0.600
FENCE ERECTOR		ALL		45.060	48.660	2.0	2.0	2.0	9.390	17.69	0.000	0.400
GLAZIER		BLD		40.000	41.500	1.5	2.0	2.0	12.49	15.99	0.000	0.940
HT/FROST INSULATOR		BLD		46.950	49.450	1.5	1.5	2.0	11.17	11.96	0.000	0.720
IRON WORKER		ALL		45.060	48.660	2.0	2.0	2.0	9.390	17.69	0.000	0.400
LABORER		ALL		37.000	37.750	1.5	1.5	2.0	12.97	9.930	0.000	0.500
LATHER		ALL		42.520	44.520	1.5	1.5	2.0	13.29	12.76	0.000	0.630
MACHINIST		BLD		43.920	46.420	1.5	1.5	2.0	6.760	8.950	1.850	0.000
MARBLE FINISHERS		ALL		30.520	0.000	1.5	1.5	2.0	9.700	12.55	0.000	0.590
MARBLE MASON		BLD		40.780	44.860	1.5	1.5	2.0	9.700	12.71	0.000	0.740
MATERIAL TESTER I		ALL		27.000	0.000	1.5	1.5	2.0	12.97	9.930	0.000	0.500
MATERIALS TESTER II		ALL		32.000	0.000	1.5	1.5	2.0	12.97	9.930	0.000	0.500
MILLWRIGHT		ALL		42.520	44.520	1.5	1.5	2.0	13.29	12.76	0.000	0.630
OPERATING ENGINEER		BLD	1	46.100	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	2	44.800	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	3	42.250	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	4	40.500	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	5	49.850	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	6	47.100	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	7	49.100	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	1	44.300	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	2	43.750	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	3	41.700	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	4	40.300	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	5	39.100	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	6	47.300	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	7	45.300	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
ORNAMNTL IRON WORKER		ALL		45.060	48.660	2.0	2.0	2.0	9.390	17.69	0.000	0.400
PAINTER		ALL		40.980	42.980	1.5	1.5	1.5	10.00	8.200	0.000	1.350
PAINTER SIGNS		BLD		33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000
PILEDRIVER		ALL		42.520	44.520	1.5	1.5	2.0	13.29	12.76	0.000	0.630
PIPEFITTER		BLD		41.200	43.200	1.5	1.5	2.0	9.750	17.59	0.000	1.710
PLASTERER		BLD		41.250	43.730	1.5	1.5	2.0	11.10	11.69	0.000	0.550
PLUMBER		BLD		41.200	43.200	1.5	1.5	2.0	9.750	17.59	0.000	1.710
ROOFER		BLD		39.200	42.200	1.5	1.5	2.0	8.280	9.690	0.000	0.430
SHEETMETAL WORKER		BLD		43.250	45.250	1.5	1.5	2.0	10.65	12.90	0.000	0.820
SIGN HANGER		BLD		26.070	27.570	1.5	1.5	2.0	3.800	3.550	0.000	0.000

SPRINKLER FITTER	BLD	49.200	51.200	1.5	1.5	2.0	10.75	8.850	0.000	0.450
STEEL ERECTOR	ALL	45.060	48.660	2.0	2.0	2.0	9.390	17.69	0.000	0.400
STONE MASON	BLD	41.580	45.740	1.5	1.5	2.0	9.700	12.80	0.000	1.040
SURVEY WORKER	ALL	37.000	37.750	1.5	1.5	2.0	12.97	9.930	0.000	0.500
TERRAZZO FINISHER	BLD	36.040	0.000	1.5	1.5	2.0	10.20	9.900	0.000	0.540
TERRAZZO MASON	BLD	39.880	42.880	1.5	1.5	2.0	10.20	11.25	0.000	0.700
TILE MASON	BLD	41.840	45.840	2.0	1.5	2.0	10.20	9.560	0.000	0.880
TRAFFIC SAFETY WRKR	HWY	28.250	29.850	1.5	1.5	2.0	4.896	4.175	0.000	0.000
TRUCK DRIVER	ALL 1	32.550	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150
TRUCK DRIVER	ALL 2	32.700	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150
TRUCK DRIVER	ALL 3	32.900	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150
TRUCK DRIVER	ALL 4	33.100	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150
TUCKPOINTER	BLD	41.950	42.950	1.5	1.5	2.0	8.180	11.78	0.000	0.630

Legend:

RG (Region)
 TYP (Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers)
 C (Class)
 Base (Base Wage Rate)
 FRMAN (Foreman Rate)
 M-F>8 (OT required for any hour greater than 8 worked each day, Mon through Fri.
 OSA (Overtime (OT) is required for every hour worked on Saturday)
 OSH (Overtime is required for every hour worked on Sunday and Holidays)
 H/W (Health & Welfare Insurance)
 Pensn (Pension)
 Vac (Vacation)
 Trng (Training)

Explanations**KANE COUNTY**

ELECTRICIANS AND COMMUNICATIONS TECHNICIAN (NORTH) - Townships of Burlington, Campton, Dundee, Elgin, Hampshire, Plato, Rutland, St. Charles (except the West half of Sec. 26, all of Secs. 27, 33, and 34, South half of Sec. 28, West half of Sec. 35), Virgil and Valley View CCC and Elgin Mental Health Center.

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.

ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS TECHNICIAN

Construction, installation, maintenance and removal of telecommunication facilities (voice, sound, data and video), telephone, security systems, fire alarm systems that are a component of a multiplex system and share a common cable, and data inside wire, interconnect, terminal equipment, central offices, PABX and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area network), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand

to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300

ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows;

Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

TRAFFIC SAFETY - work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or

turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

**SPECIAL PROVISIONS FOR
CITY OF ST CHARLES
S. 19TH ST. & WALNUT DR. WATER MAIN IMPROVEMENTS**

The following Special Provisions supplement the “Standard Specifications for Road and Bridge Construction” adopted January 1, 2012, (hereafter referred to as the Standard Specifications); the “Manual on Uniform Traffic Control Devices for Streets and Highways” in effect on the date of invitation for bids; and the “Supplemental Specifications and Recurring Special Provisions”; adopted January 1, 2014, and the “Standard Specifications for Water and Sewer Main Construction in Illinois” latest edition. In case of conflict with any parts of said specifications, the said Special Provisions shall take precedence and shall govern.

LOCATION OF PROJECT

The proposed project is located on South 19th Street, between West Main Street and Walnut Drive, and 200 feet west on Walnut Drive in the City of St Charles, Illinois. See location map for specific locations and limits.

DESCRIPTION OF PROJECT

The proposed project consists of the installation of approximately 485 feet of 10 inch ductile iron water main, new 10” valves in vaults, removal and replacement of fire hydrants, and connection of water service. The project also includes, curb and gutter removal and replacement, driveway removal replacement, sidewalk removal and replacement, and abandonment of water main. Restoration of the parkway and all other incidental and collateral work necessary to complete the project as described herein will be the responsibility of the Contractor.

COMPLETION DATE(S) OF PROJECT

Construction is scheduled to begin upon the proper execution of the contact documents, which includes the submission of insurance and bonds, within **5 days** of the award of the contract. The substantial completion of all work except for landscaping restoration shall be on **(May 16, 2014)**. The final completion for all other ancillary work, including minimal landscaping restoration, shall be completed and ready for final acceptance and payment on or before **(May 23, 2014)**. Failure to comply with the deadlines for the substantial completion and final completion shall result in the enforcement of liquidated damages in accordance with the Special Provisions, “Liquidated Damages”, and Section 108.05 and 108.09 of the Standard Specifications, along with all fees acquired for extended need for resident engineering services.

DEFINITION OF TERMS

City: The City of St Charles and its agents and/or representatives.

Engineer: The City of St Charles Engineer or Engineer employed by the City of St Charles or authorized representatives.

Contractor: The individual, firm, partnership, joint venture, or corporation contracting with the City of St Charles for performance of the prescribed work.

All definitions stated in Section 101 of the Standard Specifications shall apply to this contract. When referring to the “Department” or “State” in all IDOT Specifications and Special Provisions, the Contractor should be aware this means the City of St Charles and its agents and/or representatives.

BIDDING REQUIREMENTS

ITEMS TO BE RETURNED AT BID OPENING

The Bidder shall refer to form BLR 12200, Notice to Bidders, Item No. 4 for list of documents that must be returned as part of the bid.

PRE QUALIFICATIONS OF BIDDERS

The Bidder is responsible for making a full examination of the site of the proposed work, the bid documents, specifications, special provision, and Contract forms for submitting this bid. The Bidder is responsible for fully informing himself as to the quality and quantity of material required, and the character of the work to be performed. The Bidder shall further make an investigation into the site prior to submitting his bid.

No claims whatsoever will be allowed for changes, extra work or material, not included in the Bidder’s original bid, or for a greater amount of money than the Contract states is to be paid, for any reason, including, but not limited to subsurface or latent physical conditions, or unknown physical conditions at the site unless the change in or addition to the work, and/or change in the amount of money to be paid to the Contractor is made in writing, and approved by the Contractor and the City Engineer.

RIGHT TO REJECT BIDS

The City of St Charles reserves the right to reject any or all bids, to waive any irregularities and/or, to disregard any informality in the bids and bidding when, in its opinion, the best interest of the City of St Charles will be served by such action.

Bids that contain omissions, erasures, alterations or additions not called for, conditional or alternate bids not called for, or that are irregular in any way, or bids otherwise regular which are not accompanied by the required deposit specified herein may be rejected as informal or insufficient. The City of St Charles reserves the right to reject any or all bids,

any part thereof, to waive informalities in the bidding, and to accept the bid deemed most favorable to its interest after all bids have been examined and evaluated.

CONTRACT REQUIREMENTS

CONSTRUCTION SCHEDULE

At the preconstruction conference, the Contractor shall meet with the City and the Engineer and present, in writing, **a detailed construction schedule**. Said schedule shall contain such information as the Engineer deems necessary, including sequencing of streets and dates for the starting and completing construction operations, location of off-site disposal areas, access routes to be used and location of equipment and material storage sites. Once approved, the Contractor must adhere to the schedule so that field markings of all items of work may proceed in advance of actual construction.

The Contractor shall confirm with the Engineer the scheduled commencement of each construction activity **at least four days in advance** to allow for proper notification of residents and motorists. The principle activities requiring public notification are commencement of utility repairs, curb and driveway removal and replacement, surface milling, roadway reconstruction, application of prime coat and HMA paving.

NOTIFICATION OF WORK

The Contractor shall notify the City of St Charles, City Engineer 48 hours prior to commencement of all items of work.

CONSTRUCTION OPERATIONS

In order to minimize the effect of construction noise during the improvement, the Contractor and his subcontractors shall comply with the following requirements. Any changes to the schedule will not be accepted unless approved by the City Engineer.

- All engines and engine driven equipment used for hauling or construction shall be equipped with an adequate muffler in constant operation and properly maintained to prevent excessive unusual noises. Any machine or device or part thereof which is regulated by or becomes regulated by Federal or State of Illinois noise standards shall conform to those standards.
- Construction operations including the startup of heavy equipment shall not begin before 7:00 AM Monday through Friday and 8:30 AM on Saturday. Construction operations including site cleanup, shall be completed before 7:00 PM Monday through Friday and 5:00PM on Saturday. No work of any kind shall be done on Sundays or holidays observed in Illinois. These time restrictions shall not apply to maintenance or operation of safety and traffic control devices such as barricades, signs and/or lighting, or construction of an emergency nature. If the Contractor requires additional time to complete a portion of the work on any given day or if he foresees the need to work

extended hours for a number of days to comply with the construction schedule, he must receive approval of the Engineer.

- The Contractor shall schedule and conduct his operations so that the closure time of an existing driveway along the route of improvements is kept to a minimum. All homeowners shall be given a minimum 24-hour notice to initial removal of their driveway apron. The Contractor shall make every effort to keep driveways open including temporary grading and placement of gravel.
- Beginning on the date that the Contractor begins work on this project, he shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvements. This normal maintenance shall include all repair work deemed necessary by the Engineer. The Contractor as required by the Engineer will provide traffic control and protection for this work. The work involved in maintaining the existing pavement will not be paid for separately at the Contract Unit Prices for the various items of work involved, unless otherwise specified elsewhere in these Special Provisions.

SEQUENCE OF OPERATIONS

The Contractor shall coordinate his work in a manner that will cause as little inconvenience to traffic as possible. The Contractor shall work closely with City Officials, Fire and Police Departments in coordinating interruption to normal traffic and parking facilities, access to homes and businesses, and inconveniences to the public.

The proposed work sequence follows:

- a. Construction Staking (Mandatory by Contractor prior to commencement of contract work).
- b. Installation of new water main and appurtenances.
- c. Pressure testing and chlorination of new water main. Acceptance of water main testing results must be received by the City of St. Charles prior to the installation of new water services.
- d. Abandonment of exiting main per plans.
- e. Connection of water service to new water main.
- f. Adjust structure frames per City of St. Charles requirements.
- g. Obtain Public Work's acceptance of all utility work.
- h. Replace driveways, sidewalks, and curbs.
- i. Restore parkway, including developing program for the required tree fertilization and repair.
- j. Sweep street as required.
- k. Remove tree protection fence and restore any damaged area/s around trees.

APPROVAL OF SUBCONTRACTORS

The Contractor shall provide a list of the intended source of materials and the intended Subcontractor to be used for the project. The City of St Charles shall approve all subcontractors to be used on the project and reserves the right to reject the use of any subcontractor due to past performance or the apparent inability to perform the item of the work required of him.

INDEMNITY

The Contractor/service provider shall indemnify and hold harmless the City, its agents, officials and employees against all injuries, deaths, claims, liabilities, judgment costs, and expenses, etc. which may accrue against the City in consequences of granting of the agreement.

ALTERATIONS, CANCELLATIONS, EXTENSIONS, AND DEDUCTIONS

The City of St. Charles has limited amount of funds available to complete this project. Therefore, the Contractor is herein notified that the City of St. Charles reserves the right to reduce and/or omit any items as set forth in the Schedule of Prices section of these Contract Documents. The City reserves the right to add additional repairs located outside of the scope of this project up to fifteen percent of the original contract items.

The City of St. Charles reserves the right to alter the plans, extend or shorten the improvement, add or delete such work as may be necessary, and increase or decrease the quantities of work to be performed to accomplish such changes, including the deduction or cancellation of any 1 or more of the Unit Price items, or cancellation of the Contract.

CONTRACTOR MOBILIZATION

“This Contract contains no provisions for Contractor Mobilization”; Mobilization is considered incidental to this work.

PERFORMANCE BOND

A performance bond in the amount of 110% of the bid submitted is required within seven (7) calendar days of acceptance of the bidder’s proposal by the City.

The performance bond of the successful bidder shall have a minimum “A” rating as defined in Best’s Key Rating Guide, be conditioned on the faithful performance of the requirements of the contract, and shall have as surety a corporate surety authorized to act as such in Illinois. The performance bond shall cover payment for all labor and material, and insure completion of the project. The bidder will be responsible for all claims for injuries to persons or damages to property or premises arising out of or in connection with his or her operations prior to the acceptance of the finished work or supplies, and that he or she will promptly make payments to all persons supplying him or her or them with labor or materials in the prosecution of the work provided for in the contact, and shall guarantee to indemnify and save the City and its officers and employees harmless form all costs,

damages, and expenses arising out of or by reason of the bidder's failure to comply and perform the work and complete the contract in accordance with the specifications.

The performance bond shall be in conformance with the requirements of the Illinois Act in relation to bonds of bidders entering in contracts for public construction.

MAINTENANCE BOND

The lowest responsible bidder is required to furnish a maintenance bond approved by the City in the amount equal to ten percent (10%) of the Contract Amount. This bond shall provide a guarantee against defective materials and workmanship in connection with said maintenance. The Principal agrees to make any and all repairs or replacements, which become necessary during the specified period of 12 months and commencing on the date of inspection and final approval of the work by the City of St Charles.

CONTRACTOR PAYOUTS – REQUIRED SUBMITTALS

Contractor payout requests can be submitted at any time, and do not have to go through a scheduled City Council Meeting to authorize payment; as long as the Contract amount is not exceeded. Change Orders, which would cause the Contract to go above Original Contract Amount, will go through scheduled Committee and Council Meetings for approval.

Submittals required for **any** Contractor payouts, which must be received prior to release of payout, are listed below:

1. Lien Waivers from General Contractor, and any Subcontractors receiving payments from subject payout.
2. Copies of Certified Payroll for period when work was completed.
3. Sworn Statement from General Contractor.

COMPETENT SUPERVISOR

The Contractor shall designate, at the preconstruction conference, the employee to be assigned as the Project Supervisor. The Project Supervisor shall be required to assume the responsibility for general supervision for the Contractor and Subcontractor's operations. The City of St Charles reserves the right to reject any Project Supervisor due to past performance or the apparent inability to properly control and complete the work for the proposed improvements.

CLEAN CONSTRUCTION OR DEMOLITION DEBRIS (CCDD)

The Contractor is to be aware of and comply with CCDD requirements. The City of St. Charles has included IEPA form LPC-662 with the contract documents.

**GENERAL SPECIFICATIONS FOR
CITY OF ST. CHARLES
S. 19TH ST. & WALNUT DR. WATER MAIN IMPROVEMENTS**

GENERAL NOTES:

PRE-CONSTRUCTION VIDEO TAPING

The Contractor shall prepare pre-construction video documentation of all features in the areas affected by construction, including areas adjacent to, the right-of-way and construction easements. All video cameras, recorders, tapes, accessories and appurtenances shall be high quality CD or DVD format equipment. Pre-construction video documentation shall consist of a series of high-resolution color audio-video tapes showing all areas affected by construction. All pertinent exterior and interior features within the construction's zone of influence shall be shown in sufficient detail to document its pre-construction condition. Features to be shown shall include but not be limited to pavements, curbs, driveways, sidewalks, retaining walls, buildings, landscaping, trees, shrubbery, fences, light posts, signs, interior features and equipment, etc. Viewer orientation shall be maintained by audio commentary on the audio track of each, videotape to help explain what is being viewed.

The pre-construction video taping shall be completed after the initial walkthrough and two copies of the tape(s) submitted to the City of St Charles before commencing with any construction activities, including material delivery. This work shall be considered as incidental to the cost of the Contract.

CLEANING

The Contractor and his subcontractors by the end of the working day shall remove from the premises rubbish, waste material and accumulations and shall keep the premises clean. **The Contractor shall keep the premises clean during construction to the satisfaction of the Engineer.** This work shall be considered as incidental to the cost of the Contract.

UTILITY LOCATIONS

The Contractor must exercise extreme caution while working around existing utilities. The Contractor shall notify JULIE (1-800-892-0123), a minimum of 48 hours commencing construction for utility locations within the scope of the project. It is recommended that the Contractor conduct a joint utility meet. It is the responsibility of the Contractor to contact agencies who may or may not be part of the JULIE system to obtain the horizontal and vertical field locations of their facilities within the limits of the proposed improvements.

The City of St Charles does not guarantee the accuracy of completeness of this information. The Contractor shall make his own investigation to determine the existence, nature, and location of all utilities lines and appurtenances within the limits of the

improvement. The Contractor shall locate all utilities far enough in advance to avoid all conflicts in grade separation between the proposed improvements. If the Contractor encounters a conflict between the proposed improvements and existing utilities that was not located in advance by the Contractor, then the Contractor shall, at no cost to the City of St Charles, relocate the proposed improvements and/or the utility to avoid conflict.

The Contractor will be required to cooperate with all utility companies involved in connection with the removal, temporary relocation, reconstruction, or abandonment by these companies of any and all services or facilities owned or operated by them within the limits of this improvement.

Before doing any work which will damage, disturb or leave unsupported or unprotected any utility lines or appurtenances encountered, the Contractor shall notify the prospective Owner thereof, who will make arrangements for relocating, adjusting or otherwise maintaining or abandoning service on lines that fall within the limits of the proposed construction without cost to the Contractor, including the removal of all cables, manhole covers and other appurtenances which the Owner desires to salvage. After such arrangements have been made, the Contractor will proceed with the work as directed by the Engineer. All utility lines and appurtenances, which are abandoned by the Owner, shall be removed and disposed of by the Contractor.

The Contractor shall be responsible for facilitating prompt and timely removal, relocation, reconstruction, or abandonment of their facilities by all utility companies involved, and the coordination of his work with that of these companies so work on this improvement is not delayed because of necessary changes in the existing utilities, public or private.

No extra compensation will be allowed to the Contractor for any expenses incurred by complying with these requirements or because delay, inconvenience or interruption in his work resulting from the failure of any utility company to remove, relocate, reconstruct, or abandon their services.

MATERIAL CERTIFICATION

The manufacturer and/or supplier of all materials used on the job site shall certify in writing to the Engineer that inspections and tests have been made and the results thereof comply with the requirements of the Standard Specifications and/or the Special Provisions.

PUBLIC NOTIFICATION

The Contractor shall be responsible for delivery of notification letters (supplied by the City) to all residents affected by construction (underground utility work; grinding; driveway removal; prime coat application; binder course placement; surface course placement) at least 24 hours, but not more than 72 hours, prior to commencement of work.

The Contractor shall be responsible for posting suitable advance notice on scheduled to be resurfaced streets at least 24 hours, but not more than 48 hours, prior to commencement of

work. "No Parking" signs displaying construction times shall be placed on roadways 48 hours prior to placement of PCC materials. All such notices shall be removed by the Contractor immediately upon the completion of work in each block. This work shall be considered as incidental to the cost of the Contract.

PROTECTION OF TREES AND SHRUBS

All trees shall be protected and cared for during the construction in accordance with the applicable Articles of Section 201 of the Standard Specifications and this Special Provision, with the following revisions. The Contractor shall prune all tree roots along the side of the proposed improvement, prior to digging, in the presence of the qualified Arborist (hired by the Contractor) and Engineer. All costs for root pruning and costs for the Arborists shall be paid for by the Contractor and shall be included in the cost of the contract. No additional compensation will be allowed for root pruning or Arborist's fees.

Every effort should be made by the Contractor when working near trees and shrubs to preserve same from harm. No trees or shrubs shall be removed unless authorized in the field by the Engineer. The Contractor shall provide the Engineer notification ten (10) working days prior to the removal of any tree or shrub. The Contractor shall be responsible for damage to or loss of any tree or shrub not specifically designated to be removed.

Damage to trees limbs shall be held to a minimum. Shrubs and trees limbs shall be tied back wherever necessary to prevent their loss or damage. Wherever damage by construction equipment to limbs and branches are unavoidable, they should be pruned before starting work in accordance with Articles 201.06 of the Standard Specifications.

Small trees (less than 4 inches in diameter) and shrubs not indicated for removal which are removed or severely damaged during construction shall be replaced in kind and size by the Contractor at no additional cost to the City, Engineer, or Resident. All planting shall be done in accordance with Section 1081 of the Standard Specifications.

Damages at the rate of two hundred dollars (\$200.00) per inch of trunk diameter shall be charges against the Contractor for unauthorized removal or destruction of any tree four (4) inches in diameter or larger. The protection and care of trees and shrubs as herein specified will be included in the cost of the Contract.

PROTECTION OF EXISTING DRAINAGE FACILITIES DURING CONSTRUCTION

Unless otherwise noted in the Contract Documents, the existing drainage facilities shall remain in use during the period of construction. Prior to commencing work, the Contractor, at his own expense shall determine the exact locations of existing structures that are within the proposed construction limits.

Unless reconstruction or adjustment of an existing manhole, catch basin, inlet or adjustment to the frame and grate is called for in the Contract Documents or ordered by the Engineer, the proposed work shall meet the existing elevation of these structures.

The Contractor shall take the necessary precautions when working near or above existing sewers to protect these sewers from any damage resulting from his operations. All work and material necessary to repair any existing sewers damaged due to non-compliance with this provision shall be provided, as directed by the Engineer, in accordance with Section 550 of the Standard Specifications, at the Contractor's expense with no extra compensation being allowed. It shall be the Contractor's responsibility to direct the work and protect the facilities from damage during all construction activities.

SEDIMENT CONTROL, DRAINAGE STRUCTURE INLET FILTER

This work shall consist of furnishing, installation, maintenance and removal of a drainage structure inlet filter assembly. Consisting of a frame and filter bag to collect sediment in surface storm water runoff at locations as directed by the Engineer.

The Contractor shall inspect the worksite and review the Contract Documents to determine the dimensions of the various types of drainage structure frames into which the inlet filter will be installed prior to ordering materials.

The drainage structure inlet filter assembly shall be installed under the grate on the lip of the drainage structure frame with the fabric bag hanging down into the drainage structure.

The Contractor shall provide maintenance as required by the site conditions and rainfall throughout the entire project duration. Maintenance shall include inspecting the bag at least every two (2) weeks – clean if needed, inspecting the bag every time there is rainfall totaling one (1) or more inches – clean if needed, replacing the bag if it is severely worn or torn and replacing the bag if clean but won't pass water.

The drainage structure inlet filter assembly shall remain in place until final removal as directed by the Engineer. The drainage structure inlet filter shall become the property of the City of St Charles. The Contractor shall deliver the drainage structure inlet filter assembly to the City of St Charles public works facility, as directed by the Engineer.

Final removal of the assembly shall include the disposal of debris or silt that has accumulated in the filter bag at the time of final removal. The removal of this debris shall be included in the cost of the associated storm sewer structure adjustment.

The drainage structure inlet filter assembly shall be the "Catch-All Inlet Protector" as furnished by Marathon Materials Inc. 25523 W Schultz St., Plainfield, IL 60544, (800-983-9493, or approved equal. A detailed drawing in the Contract Documents depicts the drainage structure inlet filter assembly.

The drainage structure inlet filter assembly consists of a steel frame with a replaceable geotextile fabric bag attached with a steel band with locking cap that is suspended from the frame.

The drainage structure inlet filter assembly frame shall be rigid steel meeting the requirements of ASTM-A36. The frame shall include an overflow feature that is welded to the frame's ring. The overflow feature shall be designed to allow full flow into the structure if the filter bag is filled with sediment. The dimensions of the assembly frame shall allow the drainage structure grate to fit into the inlet filter assembly frame opening. The assembly frame shall rest on the inside lip of the drainage structure frame for the full variety of existing and proposed drainage structure frames that are present on this Contract.

The drainage structure inlet filter assembly bag shall be constructed of a polypropylene geotextile fabric with a minimum weight of four (4) ounces per square yard, a minimum flow rate of 145 gallons per minute per square foot, and designed for a minimum silt and debris capacity of two (2) cubic feet. The filter bag shall be reinforced with an outer layer of polyester mesh fabric with a minimum weight of four (4) ounces per square yard. The filter bag shall be suspended from the steel frame with a stainless steel band and locking cap. The inlet filter assembly frame shall not cause the drainage structure grate to extend higher than 1/8 inch above the drainage structure frame.

This work shall not be paid for separately but shall be included in the cost of the Contract.

LOCATING STORM SEWER, SANITARY SEWER, WATERMAIN OR OTHER COMPONENTS OF CITY UTILITIES

To prevent damage and facilitate work by others, the City will promptly respond to calls requesting the location of City owned storm sewer, sanitary sewer, watermain, or other components of City utilities. Public Works forces will locate City owned underground utilities or any other components, one time for each individual system, per project or contract, as requested by the general contractor of the construction project, before or after transfer of maintenance responsibilities. Each request may involve multiple locations where separated utility systems are involved. The contractor will be required to reimburse the City of St Charles for time and material costs associated with additional locate requests.

USE OF FIRE HYDRANTS

The Contractor shall contact the City of St Charles Water Division to obtain a water meter and for permission to use water from existing fire hydrants. The Water Division reserves the right to restrict which fire hydrant(s) may be used. The Contractor shall use special care in opening and closing of fire hydrants following Water Division guidelines. Repairs caused by failure to comply with proper operating guidelines will result in the sole responsibility of the Contractor.

CONSTRUCTION STAKES, LINES AND GRADES

Construction staking and benchmark establishment will be the responsibility of the Contractor, and shall be included in the cost of the contract. The Contractor shall assume full responsibility for dimensions and elevations measured for such stakes.

The Contractor shall exercise care in the preservation of the stakes and marks, and shall have them reset at his/her expense when they are damaged, lost, displaced, removed or otherwise obliterated.

SAWING PAVEMENT, DRIVEWAY PAVEMENT, SIDEWALK, AND CURB

This work shall be performed at locations stated in the Contract Documents or as directed by the Engineer.

The Contractor shall cut the joint between the portion of pavement, driveway, sidewalk and/or curb to be removed and that to be left in place with a sawing machine to prevent spalling. This work shall be done in a manner that a straight and perpendicular joint will be secure. All saw cutting should be the full depth of the pavement, driveway, and sidewalk or curb to be removed.

It is the Contractor's responsibility to determine the thickness of the existing pavement and whether or not it contains reinforcement. This work shall be included in the cost of the item removed. No additional compensation will be allowed for sawing reinforcement.

CONCRETE BREAKERS

When removing pavement, curb and gutter, shoulder, and/or other structures, the use of any type of concrete breakers, which might damage underground public or private utilities, will not be permitted. Under no circumstances will the use of a frost ball be permitted.

The Contractor is prohibited from breaking up concrete by dropping it on the pavement or in any other manner, which in the opinion of the Engineer may damage existing or proposed pavements or other roadway appurtenances.

BACKFILLING OF PIPE AND STRUCTURES

This work shall be in accordance with the applicable portions of Article 550.07 of the Standard Specifications and is herein specified. Structures under pavement shall be backfilled with course aggregate CA-7 (crushed virgin limestone). Structures in parkway shall be backfilled with fine aggregate FA-6 (fine clean brown beach sand). This work shall not be paid for separately but shall be included in the contract unit price for the work performed on the associated pipe and structures.

PROTECTIVE COAT

All exposed concrete installed under this Contract (curb & gutter, sidewalk, driveway & street areas) shall receive a protective surface treatment consisting of two (2) coats of boiled linseed oil and petroleum spirits mixture, formulated and applied according to

Article 420.18 of the Standard Specifications. If an application of sand is required by the Engineer for blotter material, it will be considered incidental to this work. The application of both coats shall be witnessed by the Engineer. The Engineer shall be notified 24 hours in advance prior to application. This work shall not be paid for separately but shall be included in the cost of the concrete item provided.

LIMITS OF REMOVAL

All pay items for removal and replacement must be field measured and marked by the Engineer prior to construction. No payment will be made for any items of work, which have been removed and/or replaced without having been field measured and marked by the Engineer. No additional payment will be made for removal and/or replacement beyond field markings unless specifically authorized by the Engineer.

FINAL ADJUSTMENT OF FRAME & COVER

The final adjustment of the frame and cover shall adhere to the following guidelines based on the location of the structure. For structures located within a paved area, mortar with solid steel shims shall be used between adjusting rings and the top of the structure. Structures located within an unpaved area shall use a preformed HMA joint sealant to be placed between each adjusting ring and the top of the structure. The preformed HMA joint sealant shall be E-Z Stick or an Engineer approved equivalent. The minimum dimension of the preformed material shall be one-half square inch. Prior to the placement of the final layer of the roadway, frames and adjusting rings located within paved areas shall be set in an IDOT approved concrete SI mixture. Contractors shall familiarize themselves with the City of St. Charles Standard Engineering Details for installation requirements.

PORTLAND CEMENT CONCRETE MIX DESIGN

Portland Cement Concrete for street pavement and driveways shall conform to IDOT Class PV with the following parameters. The concrete shall be a minimum 5.2 bag mix with a minimum cement factor of 6.55 and a minimum compressive strength of 3500 psi at 14 days. Air entrainment shall be between 5% to 8%. Slump shall be between 2 inches minimum and 4 inches maximum.

Portland Cement Concrete for combination curb and gutter, and sidewalks shall conform to IDOT Class SI with the following parameters. The concrete shall be a minimum 5.2 bag mix with a minimum cement factor of 6.55 and a minimum compressive strength of 3500 psi at 14 days. Air entrainment shall be between 5% to 8%. Slump shall be between 2 inches minimum and 4 inches maximum.

TESTING & DISINFECTING WATER MAINS

Water mains shall be tested and disinfected according to applicable portions of Section 41 of the "Standard Specifications for Water and Sewer Construction in Illinois", latest edition.

The Contractor shall provide the necessary pump connections and pay for all costs of the testing and disinfecting, which shall be incorporated into the unit price bid for DUCTILE IRON WATER MAIN, CLASS 52, of the size and type specified.

ABANDON EXISTING WATER MAIN

Existing water main shutdown must be coordinated with the City Water Division. Forty-eight hour notice must be given prior to water main shutdown to insure proper notification of residents affected. ONLY CITY PERSONNEL CAN PERFORM WATER MAIN SHUTDOWN. This work must be performed in conformance with the Standard Specification for Sewer and Water Main Construction in Illinois, latest edition. Exposure of water main, excavation, cut & cap, plugs, utility exploration, and all other work and costs related to water main abandonment are considered as incidental to the Contract.

FIRE HYDRANT ASSEMBLY, TO BE REMOVED

Existing fire hydrants on a 6” diameter water main are to be abandoned. The hydrant assembly shall be removed and delivered to a place designated by the Engineer. This work shall be paid for at the contract unit price for FIRE HYDRANT ASSEMBLY, TO BE REMOVED.

NEW FIRE HYDRANT ASSEMBLY

This work shall consist of the furnishing and installation of the fire hydrant assembly, auxiliary valve and box, and all associated fittings. The work shall be constructed in accordance with the applicable sections of the Section 45 of the “Standard Specifications for Water and Sewer Main Construction in Illinois”, the latest edition, and the City of St. Charles standards.

All new fire hydrants shall conform to the following requirements:

Fire Hydrant:

- a. Approved Models: (Refer to standard Fire Hydrant Detail)
 - i. Mueller Super Centurion 200
 - ii. Waterous Pacer Model WB-67-250
 - iii. Clow Medallion
 - iv. All hydrants shall have:
 1. 6” mechanical joint connection
 2. 5 ¼” valve opening
 3. 5” cover over hydrant lateral
 4. 6” valve on lateral
 5. “Hydrafinder” standard hydrant locator, installed
 6. Valve box shall have a valve box stabilizer installed *
*(Valve box adaptor #2 type A, as made by Adaptor, Inc. or approved equal)
- b. Fire Hydrant Paint: Safety Red, Sherwin Williams ‘Shercryl’ 6403-31922, B66R300

- c. Bolts Placed Underground: All below grade factory installed bolts and fasteners shall be 304-grade stainless steel.

The contractors shall familiarize themselves with the City of St. Charles Public Works Engineering Details for more detailed specifics.

All fire hydrants shall be equipped with an auxiliary valve and cast iron valve box. The auxiliary valve shall be six-inch (6") ductile iron water pipe conforming to AWWA Standard C151, C111, and C104. The valve boxes shall be of the adjustable type, shall be set at finished grade, and shall have the valve box covers stamped "Water".

This item shall be paid at the contract Unit Price per each for NEW FIRE HYDRANT ASSEMBLY, which price shall include the cost of all labor, materials, and equipment necessary to install the fire hydrant with auxiliary valve and line extension as detailed in the Sewer and Water Specifications and to the satisfaction of the Engineer.

10" GATE VALVE IN 5' DIA. VALVE VAULT

This work shall include the installation of a 10" right hand closing resilient wedge gate valve conforming to AWWA Standard C-509 as manufactured by Clow Corporation, Waterous Company or approved equal.

Vault shall be pre-cast units with a six (6)" thick circular base cast integral with lowest barrel section. Vault shall be five (5) feet in diameter. Barrel sections shall be sealed using a butyl rubber or rubber strip (Refer to City standard valve vault detail). All joints shall be dressed up with hydraulic cement. Adjusting rings shall be 2" minimum and 8" maximum in height. Vaults shall be installed to match the proposed grade with adjusting rings not to exceed 8". Vaults shall be fitted with Neenah R-1713 castings conforming to ASTM A48, Class 35 with Type B lids or equal stamped with City of St. Charles logo per City standard.

This work shall be paid for at the contract unit price for 10" GATE VALVE IN 5' DIA. VALVE VAULT, which price shall include all labor, equipment, materials, supply and compaction of trench backfill (refer to City specifications for type of backfill material based on location of structure) and incidentals necessary to complete the work as described above.

WATER SERVICE CONNECTION

This work shall consist of the disconnection and disposal of the existing water services between the water main and the meter pit, and reconnection of the proposed water services to the new water main.

Work shall include the installation of a new 1" cooperation stop and tap connection to the water main, tapping sleeve, any necessary 1" copper tubing, the curb box and curb stop, connections and all fittings necessary to reconnect the existing water service (at the property line) to the water main, in accordance with the City's water service detail, or as

directed by the Engineer as specified herein. This work shall be performed in accordance with the applicable sections of the Standard Specifications and all local codes and ordinances. The installation of the water service shall be performed by a licensed plumber.

The Contractor should familiarize themselves with the City of St. Charles standard Engineering details.

Copper pipe shall be copper water tube, Type K, soft temper, for underground service, conforming to ASTM B-88 and B-251. The pipe shall be marked with the manufactures' name or trademark and a mark indicative of the type of pipe. The outside diameter of the pipe shall conform to ASTM B-251, table 2.

Buffalo boxes in driveways and sidewalks shall be adjusted as needed when work is done. The cost of adjusting the buffalo boxes shall be included in the cost of this bid item.

This item shall be paid for at the contract unit price per each for WATER SERVICE CONNECTION in trench, which price shall be payment in full for performing all work as specified herein and as shown on the detail, including all labor, materials, including excavation, disposal of materials, tapping sleeve, corporation stop, copper pipe, curb stop and curb box, necessary connector and any required final curb box adjustments to finished elevations, backfilling including granular trench backfill material for a complete water service operation installation. Compacted granular trench backfilling FA-6 (fine clean brown beach sand) of all trenches in parkways shall exceed up to 6 inches below the finished grade to allow for topsoil and sod.

DUCTILE IRON WATER MAIN, CLASS 52

This work shall consist of the furnishing and installation of a ductile iron water main and fittings, with interior diameter as indicated on plans or as directed by the Engineer. The methods and procedures used to disconnect the existing water main and services, lowering of water pipe under the newly installed sewer pipe and reconnecting to existing water main shall be coordinated with the City of St. Charles Public Works department and shall be approved by the Engineer. Scheduling of the construction of the water main shall be strictly enforced. The work shall be constructed in accordance with the applicable sections of the Section 40 and 41 of the "Standard Specifications for Water and Sewer Main Construction in Illinois", the latest edition, and the City of St. Charles standards.

A. Watermain Pipe:

- d. Ductile Iron Class 52, conforming to AWWA Standard C-151.
 - i. Cement Lining, conforming to AWWA Standard C-104.
 - ii. Mechanical or push-on joints shall conform to AWWA Standard C-111.
 - iii. At minimum, Type 3 laying conditions shall be provided, conforming to AWWA Standard C-600.

- e. All watermains shall be encased in a High Density polyethylene encasement with its material specifications and installation method in accordance with ANSI.AWWA C105/A21.5, ASTM A674, using “Method A” installation.
- f. All side yard and rear yard water mains not directly adjacent to public roadways or paved surfaces shall be Ductile Iron Pipe, Class 55 with a type 5 laying condition.
- g. Brass Wedges shall be installed to provide electrical conductivity.

B. Joint Restraint:

All mechanical joint fittings shall have restraining glands installed. Restraint device shall be Uni-flange by Ford Company or Mega-lug by EBAA Iron. Push joint pipe restraint shall be Field Lock Gaskets by US Pipe or Series 1700 Mega-lug or Series 1390 Pipe Restraint by Ford. Lengths of pipe restraint shall be determined from manufacturers installation specifications (refer to watermain restraint detail).

C. Thrust Blocking

Concrete thrust blocks, as shown on the plans and/or directed by the Engineer, shall be constructed at plugs, tees, and bends of 3000 psi. concrete in accordance with section 41-2.09 of the “Standard Specifications for Water and Sewer Main Construction in Illinois”, latest edition, and City of St. Charles standards. The concrete thrust blocks shall completely fill the space between the bends or fittings and the walls of the trench from 6 inches below the fittings to 12 inches above the fitting with no possible interference with the making or remaking of the joints. In addition to the concrete thrust blocking all mechanical joints, bends of 22 degrees and larger, and fire hydrants shall be a “Megalug” restraint or approved equal. Bolts shall be “Cor-ten”. This work shall be considered incidental to the cost of the water main.

Construction Requirements

A. Excavation

The installation depth of the water main shall not be less than 5 feet from the existing and proposed ground elevation to the top of the pipe, except where shown differently at crossings with other utilities or as directed by the Engineer. If the excavation has been made deeper than necessary, or is required deeper for adjustments for fire hydrants, valve vaults, services or for separation from sewer and other utilities, no additional cost shall be charged. The cost shall be considered incidental to the cost of the water main. If necessary, bell holes of sufficient depth shall be provided across the bottom of the trench to accommodate the bell of the pipe providing sufficient room for joint making, and to ensure uniform bearing for

the pipe. The cost associated with the excavated material removal and disposal, trench/pit and stockpile protection, granular trench backfill shall be considered incidental to this pay item.

B. Sequence of Operations

All valves to be shut down for the purpose of adjusting and/or lowering of water main, or for other shut downs of the water system, shall be done by the City of St. Charles Water Department. A tentative installation schedule of operation shall be submitted to the City, 72 hours before any shut down of the water system can be made. The actual sequence of construction installation shall be discussed and scheduled at a pre-construction meeting with the Contractor, Engineer and Public Works Department.

Protection of Water Mains and Water Service Lines

A. Normal Conditions

Water mains shall be laid at least 10 feet horizontally from any sanitary sewer, storm sewer or sewer manholes, whenever possible. The Distance shall be measured edge-to-edge.

B. Unusual Conditions

When local conditions prevent a horizontal separation of 10 feet, a water main may be laid closer to a storm or sanitary sewer provided that:

1. The bottom of the water main is at least 18 inches above the top of the sewer.
2. Where this vertical separation cannot be obtained, the sewer shall be constructed of materials and with joints that are equivalent to water main standards of construction for 10 feet, as measured perpendicular, on either side of the water main.

C. Crossings – Water Mains, Sewers and Utilities

1. Normal Conditions: Water main crossing storm or sanitary services or sewers shall be laid to provide a separation of at least 18 inches between the bottom of the water main and the top of the sewer.
2. Unusual Conditions: When local conditions prevent a vertical separation as Normal Conditions, the following construction shall be used.

- a. Sewers passing over or under water mains should be constructed of the materials described for parallel installation where vertical separation cannot be obtained.
 - b. Water mains passing under sewer shall, in addition, be protected by providing:
 1. A vertical separation of at least 18 inches between the bottom of the sewer and the top of the water main.
 2. Adequate structural support for the sewers to prevent excessive deflection of joints and settling on and breaking the water mains,
3. Installation and Backfilling

The work shall be constructed in conformance with the applicable sections of the “Standard Specification for Road and Bridge Construction”, latest edition; “Standard Specifications for Water and Sewer Main Construction in Illinois” – Section 41; City of St. Charles standards and specifications.

All pipe and fittings must be cleaned and swabbed with a chlorine solution of at least 50 mg/L. A City of St. Charles representative must test this solution. Backfill work shall be performed in accordance of with applicable portions of Section 208 of the “Standard Specifications for Road and Bridge Construction” latest addition, and City of St. Charles trench backfill specifications.

4. Water Main Crossing Utilities

Wherever the water main crosses existing utilities, including sewer, telephone, electric, gas, etc., the Contractor shall be responsible for determining the existing depth of said utilities prior to installation and at no additional cost.

This work as described above, shall be paid for at the Contract Unit price per lineal foot for DUCTILE IRON WATER MAIN, CLASS 52, size as specified, which price shall be payment in full for all labor, materials, including all fittings (bends, wyes, tees, reducers, plugs, sleeves) pipe, polyethylene encasement, thrust blocks, Mega-lugs, chlorination, and equipment required for a complete and operational installation, removal and disposal off-site of excavated material, trench and stockpile protection (fencing), bedding and granular trench backfill (CA-7 virgin crushed limestone) or water trench.

P.C.C. SIDEWALK REMOVAL & REPLACEMENT

This work shall consist of removal of the existing concrete sidewalk and replacement as stated in the Contract Documents and/or as directed by the Engineer. The work shall include the placement of four (4) inches of aggregate base course (CA-6 or approved equal).

The work shall be done in accordance with applicable portions of Sections 351, 424 and 440 of the Standard Specifications, except as herein modified (refer to provision for PORTLAND CEMENT CONCRETE MIX DESIGN).

All new construction or reconstruction projects are required to utilize truncated domes on all pedestrian curb ramps, medians, pedestrian refuge islands, at-grade railroad crossings, alley and commercial drive crossings (either at-grade or curb ramps) with traffic control devices, or other locations that pedestrians are required to cross a hazardous vehicular way. Refer to attached detail for truncated dome specifications. Use of inserted truncated dome plates, conforming to Federal Standard color 30166 to meet the contrast requirements where applicable, shall be used at all appropriate locations and shall be included in the cost of the associated sidewalk removal and replacement pay item.

During the removal of this material and preparation for placement of P.C.C. material a tolerance of no more than one-foot of the existing limits shall be exceeded for restoration. All restoration outside of these limits shall be included in the cost of the associated sidewalk removal and replacement pay item.

Any excavation required for the purposes of placing aggregate base course to the proper elevation, all form work, and placement of P.C.C. material for the proposed sidewalk should be considered incidental to the pay item. Any excavated material shall be disposed of at a suitable off-site location. Any damage to the existing sidewalk and driveways remaining in place due to forming methods or the removal operation shall be replaced to the satisfaction of the Engineer at the Contractor's own expense.

Expansion joints shall be placed where the sidewalk abuts existing sidewalk, curbs and between concrete driveway pavement. The minimum slab thickness for sidewalks shall be 6 inches through driveway limits and 5 inches for all other public walkways unless otherwise noted by the Engineer.

If the existing base is soft or unsuitable, the Contractor shall remove the existing base and provide compacted granular material (CA-6 or approved equal) as required to provide a stable sub base. This work shall be included in the cost of the associated sidewalk removal and replacement pay item.

This work shall be paid for at the contract unit price per square foot for P.C.C. SIDEWALK REMOVAL & REPLACEMENT, which price shall include all labor, equipment, material, and incidentals necessary to complete the work as described above.

COMBINATION CURB & GUTTER, REMOVAL & REPLACEMENT

This work shall consist of the removal of the existing combination curb and gutter, the construction of replacement combination concrete curb and gutter and placement of four (4) inches of aggregate base course (CA-6 or approved equal) at locations as shown on the plans and/or as directed by the Engineer. The work shall be done in accordance with applicable portions of Sections 351, and 606 of the Standard Specifications, Standard 606.01, except as herein modified (refer to provision for PORTLAND CEMENT CONCRETE MIX DESIGN).

The type of replacement combination concrete curb and gutter shall be Type B6.12 as shown on the plans or as directed by the Engineer. The thickness of the proposed gutter flag shall match the thickness of the adjacent pavement but in no case be less than nine (9) inches. The proposed curb and gutter shall be constructed to a grade established by the Engineer at the time of construction. Full depth forming methods for pouring the curb and gutter must be approved by the Engineer.

Any excavation required to construct the proposed curb and gutter to the proper elevation including excavation to subgrade for placement of four (4) inches of aggregate base course (CA-6 or approved equal), shall be considered incidental to the contract unit price for COMBINATION CURB & GUTTER, REMOVAL & REPLACEMENT. Any excavated material by the Contractor for forming purposes shall be considered incidental to this pay item. Any excavated material shall be properly disposed of at a suitable off-site location.

Any pavement area adjacent to the curb and gutter, not designed to be removed, which is removed, damaged or otherwise disturbed during construction operations, shall be restored to the satisfaction of the Engineer. The restoration will not be paid for separately but shall be considered incidental to the associated curb and gutter pay item.

If the existing base is soft or unsuitable, the Contractor shall remove the existing base and provide compacted granular material (CA-6 or approved equal). This work shall be considered incidental to the contract unit price for the associated curb and gutter pay item.

The proposed curb and gutter shall be depressed across all handicapped ramps, driveways and/or directed by the Engineer. Placement of depressed curbing for private walkways or carriage walks shall not be permitted.

Expansion joints shall be installed at 60' maximum intervals and at all points of curvature where the radius is less than 100'. Expansion and contraction joints shall be placed to match joints in P.C.C. pavement. Contraction joints shall be formed by saw cutting to a depth of at least two (2) inches. A keyed construction joint shall be placed at all locations of adjacent sidewalk.

Two (2) drilled, epoxy coated, and grouted reinforcing bars or expansion tie anchors shall be used to tie the proposed curb and gutter to the existing curb and gutter. Furnishing and installing the expansion tie anchors or drilled and grouted reinforcing bars shall not be paid for separately, but shall be considered incidental to the contract unit price for the associated curb and gutter pay item.

The Contractor must schedule the removal and replacement of the curb and gutter such that only one side of a given street will be under construction at any one time. All residents shall be given a minimum 24 hours notice prior to excavation of their driveway. In no case shall an open excavation caused by removal of existing curbing, whether formed or not formed remain open for more than 3 working days.

Disturbed pavement, driveway and parkway areas shall be restored immediately following replacement operations, in all cases within 3 working days from the date curb and gutter is cast. The Engineer shall stop the Contractor from further removal operations at any time he determines the restoration is not being done in a timely manner.

During the removal of material and preparation for placement of PCC material, a tolerance of no more than one-foot of the existing limits shall be exceeded for restoration. All restoration outside of these limits shall be included in the cost of the associated curb and gutter removal and replacement pay item. The Engineer shall stop the Contractor from further removal operations at any time he determines the restoration is not being done in a timely manner.

This work shall be paid for at the contract unit price per foot for COMBINATION CURB AND GUTTER, REMOVAL & REPLACEMENT, which price shall include all labor, equipment, materials and incidentals necessary to complete the work as described above.

AGGREGATE DRIVEWAY REMOVAL AND REPLACE WITH HOT-MIX ASPHALT

This work shall be in accordance with applicable portions of Sections 351, 406 and 440 of the Standard Specifications, except as herein modified.

This work shall include removal and disposal of excavated material for driveways located throughout the project limits. Excavated materials shall include but not limited to Portland cement concrete pavement, HMA concrete pavement, aggregate subbase and soil. Excavation to subgrade shall not be paid for separately, but shall be included in the cost of AGGREGATE DRIVEWAY REMOVAL AND REPLACE WITH HOT-MIX ASPHALT.

This work shall include placement of six (6) inches of aggregate base course under three (3) inches of HMA surface course. If the existing base is soft or unsuitable, the Contractor shall remove the existing base and provide compacted granular material (CA-6 or approved equal) as required to provide a stable sub base.

All homeowners shall be given a minimum 24-hour notice prior to excavation of their driveway. This item includes all driveways removed due to conflict with work items included in the Contract Documents or as directed by the Engineer.

During the removal of this material and preparation for placement of HMA material a tolerance of no more than one-foot of the existing limits shall be exceeded for restoration. All restoration outside of these limits shall be included in the cost of this bid item.

This work shall be paid for at the contract unit price per square yard for AGGREGATE DRIVEWAY REMOVAL AND REPLACE WITH HOT-MIX ASPHALT, which price shall include all labor, material, equipment, and incidentals necessary to complete the work as described above.

SODDING, SPECIAL

This work shall consist of preparing the ground surface, furnishing and applying topsoil to a minimum of 4-inch depth, fertilizing the area to be sodded as specified in the Special Provisions and furnishing and placing the sod. Prior to the preparation of the ground surface for sod placement the Engineer and Contractor shall agree to the limits of the proposed restoration. Any work performed above and beyond these limits shall not be paid for, but instead shall be included in the cost of SODDING, SPECIAL.

It is recommended that the Contractor familiarize themselves with the tolerances set forth for damage limits specified in this contract to assure compliance is met.

The preparation of the ground surface shall include the removal of the existing sod and excavation, if necessary, of the existing ground to depth, which will permit placement of the required 4 inches of topsoil and clearing of all loose gravel and large debris items. This excavation shall not be paid for separately, but shall be included in the cost of SODDING, SPECIAL. All work shall be in accordance with the applicable portions of Sections 211 and 252 of the Standard Specifications.

180 pound of fertilizer nutrients per acre shall be applied at 1:1:1 ratio as follows

Nitrogen Fertilizer Nutrients	60 lbs/acre
Phosphorus Fertilizer Nutrients	60 lbs/acre
Potassium Fertilizer Nutrients	60 lbs/acre

The sod shall meet the requirements of Article 1081.03 for Salt tolerant Sod.

Watering shall be done as directed by the Engineer in accordance with Article 252.08 and 252.09 of the Standard Specifications. The contractor shall be responsible for a minimum of 15 additional watering's after initial placement of the sod, to be performed every other day. The costs associated with these watering's shall be included in the cost of SODDING, SPECIAL.

Contractor shall provide a one (1) year warranty of the sod, beginning from the final date of placement. This warranty shall be incidental to the pay item and no extra compensation shall be provided for any replacement of sod. Upon completion of the one (1) year warranty period, the Engineer will evaluate the health of the sod and direct the Contractor of any locations needing sod replacement. Final payment and release of contract retention will not be made until the warranty period is complete and the Engineer has accepted the sod.

Existing landscape areas outside the limits of construction that are damaged by the Contractor or its representatives for temporary storage of materials will not be measured for payment, but shall be replaced at the Contractor's expense.

This work shall be measured in place and the area calculated in square yards and shall be paid for at the contract unit per square yard for SODDING, SPECIAL, which price shall be full compensation for all labor, equipment and materials to complete the work as specified in these special provisions.

TRAFFIC CONTROL AND PROTECTION

Traffic control shall be in accordance with applicable portions of Sections 701, 702, and 703 of the Standard Specifications, the Supplemental Specifications, Manual on Uniform Traffic Control Devices for Streets and Highways, any special details and Highway Standards contained in the Contract Documents and the Special Provisions contained herein.

Special attention is called to Articles 107.09 and 107.14 of the Standard Specifications, the following Highway Standards, Details, Recurring Special Provisions and Special Provisions contained herein, relating to traffic control. All traffic control protection shall be regularly inspected to insure compliance with all "reflectivity" requirements.

Construction operations shall be conducted in a manner such that the streets will be open at all times to emergency vehicles.

Special attention shall be given to as to assure that proper refuse collection is maintained throughout the duration of the project.

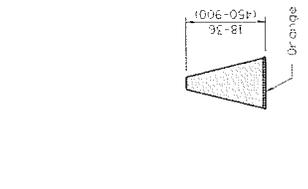
The Contractor shall maintain traffic in accordance with applicable portions of Article 107.14 of the Standard Specifications. The Contractor will furnish, install, maintain, relocate and subsequently remove all signs, signals, markings, traffic cones, barricades, warning lights, flagmen and other devices that are to be used for the purpose of controlling the traffic.

City of St. Charles
S. 19th St. & Walnut Dr. Water Main Improvements
General Specifications

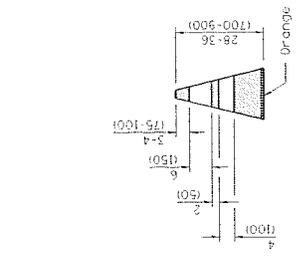
Barricades shall be placed and maintained along the limits of work until the surface has been restored and cured or as otherwise directed.

Placement and maintenance of all traffic control devices shall be as directed by the Engineer. The Engineer shall be sole judge as to the acceptability of placement and maintenance of the traffic control devices prescribed in appropriate standards. This shall include the placement of removal areas and at driveway excavations.

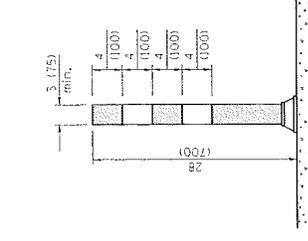
Traffic control & protection shall include, but not limited to furnishings, placing, maintaining and removing all traffic control devices, including detours, all signs, barricades, cones, flaggers, arrow boards and incidentals required to implement safe traffic control as specified herein and as directed by the Engineer. This work shall be paid for at the contract unit price per lump sum for TRAFFIC CONTROL AND PROTECTION.



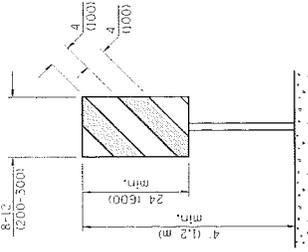
CONE



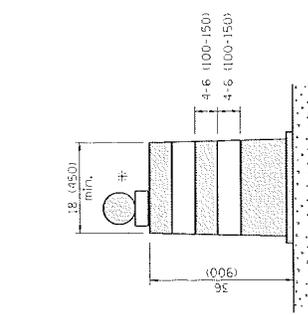
REFLECTORIZED CONE



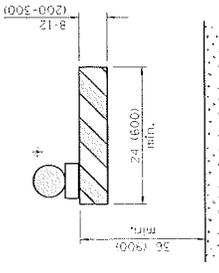
FLEXIBLE DELINEATOR



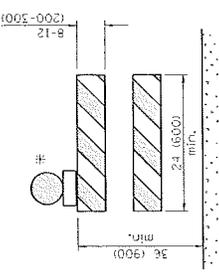
**VERTICAL PANEL
POST MOUNTED**



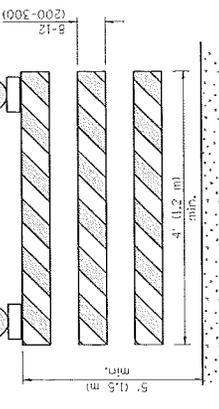
DRUM



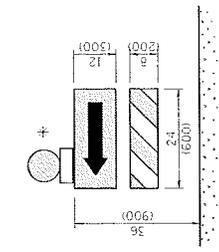
TYPE I BARRICADE



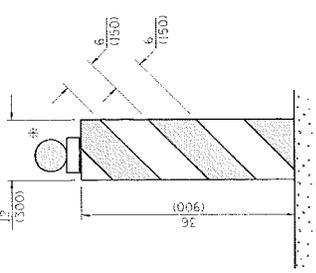
TYPE II BARRICADE



TYPE III BARRICADE

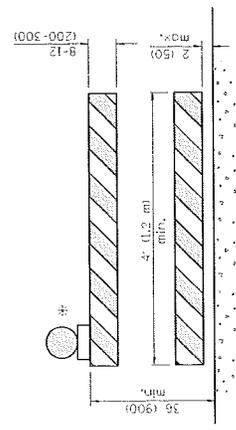


**DIRECTION INDICATOR
BARRICADE**



VERTICAL BARRICADE

Warning lights (if required)



**DETECTABLE PEDESTRIAN
CHANNELIZING BARRICADE**

GENERAL NOTES
All heights shown shall be measured above the pavement surface.
All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation
APPROVED: [Signature] January 1, 2012
ENGINEER OF OPERATIONS
APPROVED: [Signature] January 1, 2012
ENGINEER OF DESIGN AND SURVEILLANCE

DATE	REVISIONS
1-1-12	Added DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE.
1-1-09	Switched units to English (metric). Omitted light on vertical panel.

**TRAFFIC CONTROL
DEVICES**

STANDARD 701901-02

(Sheet 1 of 3)



Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Source Site Certification by Owner or Operator for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-662

Revised in accordance with 35 Ill. Adm. Code 1100, as
amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by source site owners and operators to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1) (A), that soil (i) was removed from a site that is not potentially impacted property and is presumed to be uncontaminated soil and (ii) is within a pH range of 6.25 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: South 19th St. & Walnut Dr. Water Main Office Phone Number, if available: 630-377-4486

Physical Site Location (Street, Road): South 19th St. between Route 64 and Walnut Dr, and 200 feet west on Walnut Dr.

City: St. Charles State: IL Zip Code: 60174

County: Kane Township: St. Charles

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 41.91175 Longitude: -88.33685
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

- GPS Map Interpolation Photo Interpolation Survey Other

City of St. Charles GIS mapping

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

II. Owner/Operator Information for Source Site

Site Owner
Name: City of St. Charles
Street Address: 2 East Main Street
PO Box: _____
City: St. Charles State: IL
Zip Code: 60174 Phone: 630-377-4486
Contact: James J. Bernahl
Email, if available: jbernahl@stcharlesil.gov

Site Operator
Name: City of St. Charles
Street Address: 2 East Main Street
PO Box: _____
City: St. Charles State: IL
Zip Code: 60174 Phone: 630-377-4486
Contact: Brian A. Herrmann
Email, if available: bherrmann@stcharlesil.gov

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Source Site Certification

III. Descriptions of Current and Past Uses of Source Site

Describe the current and past uses of the site and nearby properties.* Attach additional information as needed. The description must take into account, at a minimum, the following for the source site and for nearby property: (1) use of the properties for commercial or industrial purposes; (2) the use, storage or disposal of chemical or petroleum products in individual containers greater than 5 gallons or collectively more than 50 gallons; (3) the current or past presence of any storage tanks (above ground or underground); (4) any waste storage, treatment or disposal at the properties; (5) any reported releases or any environmental cleanup or removal of contaminants; (6) any environmental liens or governmental notification of environmental violations; (7) any contamination in a well that exceeds the Board's groundwater quality standards; (8) the use, storage, or disposal of transformers or capacitors manufactured before 1979; and (9) any fill dirt brought to the properties from an unknown source or site.

This is a municipal right of way. To the best of the City's knowledge, this area has been used only for retail purposes and residential homes. No contaminants were encountered during the design phase of from soil borings. Should any contaminants be encountered during construction, the City should be notified immediately

*The description must be sufficient to demonstrate that the source site is not potentially impacted property, thereby allowing the source site owner or operator to provide this certification.

IV. Soil pH Testing Results

Describe the results of soil pH testing showing that the soil pH is within the range of 6.25 to 9.0 and attach any supporting documentation.

See attached pH soil report, Project No. G14.008, prepared by Rubino Engineering, Inc.

V. Source Site Owner or Operator's Certification Statement and Signature

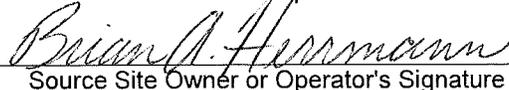
In accordance with the Illinois Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I
City of St. Charles, Public Works Engineering (owner or operator of source site)

certify that this site is not a potentially impacted property and the soil is presumed to be uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. I further certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. Additionally, I certify that I am either the site owner or operator or a duly authorized representative of the site owner or site operator and am authorized to sign this form. Furthermore, I certify that all information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Brian A. Herrmann, CFM

Source Site Owner or Operator's Printed Name



Source Site Owner or Operator's Signature

Project Coordinator - Mapping

Source Site Owner or Operator's Title



Date:



ASTM D4972-01
Standard Test Method for pH of Soils

Project Number: G14.008
Project Name: S. 19th Street & Walnut Drive
Water Main Improvements
City, State: St. Charles

Date: 18-Feb-14
Performed by: Blake Sloan
Client Name: City of St. Charles
Client Address: 200 Devereaux Way
St. Charles, IL 60174

Method Used: Method A
 Calcium Chloride Solution (0.01M)

pH Meter Mfgr: Eutech and Oakton Instruments
Model # EcoTestr pH 2

Location	Depth (ft)	Soil Type	Mass of Soil (g)	pH in Calcium Chloride Solution	pH in Distilled Water
Walnut Drive	4' - 5'	CLAY	10	6.9	7.0
S. 19th Street	4' - 5'	CLAY	10	6.8	7.0

CLEAN CONSTRUCTION OR DEMOLITION DEBRIS (CCDD)

Please attach to LPC-662

SOURCE LOCATION INFORMATION

Project Name: South 19th St. and Walnut Dr. Water Main Improvements

Physical Site Location: South 19th Street between Route 64 and Walnut Drive,
and 200 feet west on Walnut Drive

City: St. Charles State: Illinois Zip Code: 60174

OWNER INFORMATION FOR SOURCE SITE

Name: City of St. Charles

Address: 2 East Main Street

City: St. Charles State: Illinois Zip Code: 60174

Contact Name: James Bernahl, PW Engineering Division Manager Phone #: 630-377-4486

CONTRACTOR INFORMATION FOR SOURCE SITE

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Contact Name: _____ Title: _____

Signature: _____ Date: _____

COMPANY INFORMATION FOR RECEIVING SITE

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Contact Name: _____ Title: _____

Signature: _____ Date: _____

A copy of this form signed and dated by representatives of both the Contractor and Receiving Site needs to be provided to the City of St. Charles before work commences on the project.