



*Finance Department
Central Services Division*

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Section 1
Bid Instructions
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BIDDING AND CONTRACT GENERAL CONDITIONS

The following shall be made part of the terms and conditions of the contract (“Contract”) entered into between the City of Rockford (City) and Vendor (also referred to herein as “bidder,” “awarded vendor,” and “contractor”) if awarded the contract. Vendor’s submission of a bid or proposal constitutes acceptance of these Conditions:

1. Pricing. The bidder shall insert price for all bid items and all other information requested in these specifications. The price shall be the *full, delivered cost* to the City of Rockford with no additions.

2. Total versus "Per Item" Awards. The City generally awards contracts on a lump sum basis to the lowest responsible and responsive bidder. However, the City may choose to award on a per item basis. Therefore, each bidder must submit pricing for each item indicated on the bid forms. Bidders must clearly indicate which items are bid and which are not.

3. Delivery of Merchandise. Delivery terms will always be Freight-On-Board (FOB) Destination. The City of Rockford accepts no responsibility for the condition of any merchandise purchased prior to acceptance by City Personnel. Failure to comply with this requirement may constitute rejection of the bid.

4. Acceptance of Merchandise at Delivery. The City of Rockford reserves the right to refuse acceptance of delivered merchandise that differs substantially from the specifications in the invitation to bid or as otherwise permitted by Illinois law.

5. Prompt Payment Act. The City of Rockford intends to comply with the Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*). The awarded vendor will be paid upon submission of invoices to: City of Rockford Accounts Payable, 425 East State Street, Rockford, IL 61104.

6. W-9 Request for Taxpayer Identification Number. Prior to issuance of a purchase order, the successful bidder will be required to supply the City of Rockford with a federal W-9 Request for Taxpayer Identification Number and Certification. Failure to comply with this requirement will be considered a violation of contract terms, for which the City may bar Vendor from bidding for a period of up to three (3) years.

7. Legal Compliance. Vendor will at all times observe and comply, and will cause its subcontractors to observe and comply, with all applicable federal, state, and local laws, ordinances, rules, regulations, and executive orders, now existing or hereinafter in effect, which may in any manner affect the performance of this contract. Provisions required by law, ordinance, rules, regulations, or executive order to be inserted in this contract will be deemed inserted, whether or not they appear in it. In no event will failure to insert such required provisions prevent the enforcement of applicable law. Lack of knowledge of applicable law on the part of Vendor will in no way be cause for release of this obligation. If the City becomes aware of violation of any

laws, ordinances, rules and regulations on the part of Vendor or subcontractor, it reserves the right to reject any bid, cancel any contract, and pursue any other legal remedies deemed necessary.

Vendor must pay all required taxes and obtain all licenses, certificates, or other authorization required in connection with the performance of its obligation hereunder, and Vendor must require all subcontractors to also do so. Failure to do so may result in rejection of Vendor's bid, cancellation of an award to Vendor, or termination of this contract with Vendor.

By entering into a contract with the City, Vendor certifies that to the best of its knowledge, its principals and any subcontractor used in the performance of this contract meet City requirements and have not violated any City ordinance, code, state, federal, or local rules or regulations, and have not been subject to any debarment, suspension, or other disciplinary action by any government agency. Additionally, if at any time Vendor becomes aware of such information, it must immediately disclose it to the City.

8. Legal Requirements. This contract sets forth the entire final agreement between the City of Rockford and the bidder and shall govern the respective duties and obligations of the parties. The validity of this contract, and any disputes arising from the contract, shall be governed by the laws of the State of Illinois. Any litigation under this agreement shall be resolved in the trial courts of Winnebago County, State of Illinois. Should a provision of this contract be declared invalid by a court of competent jurisdiction, it shall not affect the validity of the remaining provisions of the contract.

9. Safety. Prevention of accidents at any project is the sole responsibility of Vendor and its subcontractors, agents, and employees. Vendor, its subcontractors, agents, and employees shall be fully and solely responsible for the safety of this project. Vendor shall retain exclusive and direct control over the acts or omissions of its subcontractors, agents and employees, and any other persons performing portions of the work and not directly employed by the awarded vendor.

10. Criminal Background Check. When necessary for the protection of citizens and/or City staff, the City may require an awarded vendor to conduct a criminal background check on all of its personnel who will have direct contact with City facilities or residents/businesses served under this contract. Personnel are defined as representatives, agents, employees, subcontractors, or anyone else who will be utilized to fulfill obligations under this contract. Criminal background checks, at a minimum, shall consist of a county level felony and misdemeanor check for each county in which the personnel resided in the last ten (10) years. The awarded vendor shall notify the City of any of its personnel who have been convicted of a felony or misdemeanor prior to commencing any work under this contract. At the City's discretion, personnel with any felony or misdemeanor convictions which raise a concern about the safety of building, property, or City staff/resident's personal security, or is otherwise job related (as determined by the City) shall not perform work under this contract. Once given notice that a background check(s) will be required, it must be completed within fourteen (14) calendar days so as to not delay work to be completed.

11. Control of the Work. With respect to Vendor's own work, the City shall not have contractual, operational, and/or supervisory control over and/or charge of the work and shall not be responsible for construction means, methods, techniques, sequences, procedures, and programs in connection with the awarded vendor's work, since these are solely the vendor's responsibility under the agreement. The City shall not be responsible for the awarded vendor's failure to carry out the work in accordance with the agreement's terms and conditions. The City shall not have control over and/or charge of acts or omissions of the awarded vendor, its subcontractors, and/or their agents or employees, or any other person performing portions of the work not directly employed by the awarded vendor. The awarded vendor shall be considered to be an "independent contractor" pursuant to Illinois law.

12. Bid Bond. When required on the cover sheet, a bid bond for not less than five (5) percent of the bid amount must accompany all bids as a guarantee that if the bid is accepted, the bidder will execute and file the proper contract. A bank cashier's check, bank draft, or certified check equal to the amount specified is acceptable in lieu of a bid bond. Bid bonds of the two lowest firms will be retained until the contract is awarded.

13. Performance and Payment Bond. When required by the specifications herein, the awarded vendor shall furnish a performance and payment bond equal to the amount of the contract, acceptable to the City, within fourteen (14) calendar days after notification of contract award. Failure to furnish the required bond within the time specified may be cause for rejection of the bid and any bid deposit may be retained by the City as liquidated damages and not as a penalty.

14. Taxes. No charge will be allowed for taxes from which the City of Rockford, Illinois is exempt. The City of Rockford, Illinois is not liable for the Illinois Retailers' Occupation Tax, the Service Occupation Tax or the Service Use Tax. The City is exempt from the Federal Excise and Transportation Tax.

15. Withdrawal of Bids. Firms may withdraw or cancel their bids at any time prior to the advertised invitation to bid opening. After the opening time, no bid shall be withdrawn or cancelled. All bids shall be firm and valid for a period of sixty (60) calendar days. If a bidder to whom a contract is awarded refuses to accept the award, the City may, at its discretion, suspend the bidder for a period of time up to three (3) years.

16. Subcontracting. The bidder shall provide information for all subcontractors and leased operators of equipment in the required Subcontractor Utilization Form. Information contained in this form must be complete and accurate, to the best of Vendor's estimating ability at the time of bid, and will be relied upon by the City in projecting Minority and Women Business Enterprise subcontractor utilization for awarded City contracts. Any changes in subcontractor utilization from that which is provided on the Subcontractor Utilization Form must be made immediately in writing by submitting a new form to the City's Equal Opportunity Compliance Officer and the City Project Manager or designee. When subcontractors are used, Vendor must pay subcontractors

for satisfactory performance no later than thirty (30) days after receipt of each payment from the City.

17. Termination of Contract. The City of Rockford reserves the right to terminate the contract in its entirety or in portions, upon written notice to Vendor for convenience, if the Rockford City Council does not appropriate sufficient funds to complete the contract, or in the event of default by Vendor. Default is defined as failure of the awarded vendor to perform any of the provisions of this contract or failure to make sufficient progress so as to endanger performance of this contract in accordance with its terms. The City's written notice of termination shall specify the effective date of termination. Vendor shall discontinue providing goods or services after such effective date, and the City shall not be liable for goods or services provided by Vendor thereafter. In the event of default, the City may purchase the product(s) and/or service(s) from other sources and hold the defaulting company responsible for any excess costs occasioned thereby. The City may require payment of liquidated damages for non-performance. Should default be due to failure to perform or because of a request for a price increase, the City reserves the right to remove the firm from the City's bidder list and place the firm on the City's debarred list for a period of up to three (3) years.

18. Late Bids and Proposals. Regardless of cause, late bids and proposals will not be accepted and will automatically be disqualified from further consideration. It shall be solely Vendor's risk to ensure delivery at the designated office by the designated time. Late bids and proposals will not be opened and may be returned to Vendor at their request and expense.

19. Equal Employment Opportunity. Vendor shall comply with all applicable equal employment opportunity statutes, regulations, and ordinances including but not limited to the City's Equal Opportunity Employment (EOE) Ordinance (City of Rockford Code of Ordinances, Chapter 11, Article IV); the Illinois Human Rights Act (775 ILCS 5/101 *et seq.*), the Illinois Department of Human Rights (IDHR) Rules and Regulations for Government Contracts (44 Ill. Admin. Code, Chapter X, Section 750), the Discrimination in Public Contracts Act (775 ILCS 10/0.01 *et seq.*), Title VII of the Civil Rights Act of 1964, as amended (§ 7, 42 U.S.C. § 2000e *et seq.*); the Age Discrimination in Employment Act of 1967, as amended (29 USC §.621 *et seq.*); Title I of the Americans with Disabilities Act of 1990, as amended (42 USC 12111-12117); the Equal Pay Act of 1963, as amended; and the Uniformed Services Employment and Reemployment Rights Act of 1994, as amended (38 USC §§ 4301-4335).

Pursuant to IDHR's Rules and Regulations and the City's EOE Ordinance, the awarded vendor shall comply with the following terms and conditions during the performance of this contract:

- a) Vendor will not discriminate against any employee, including apprentices, or applicant for employment, including training programs, because of race, color religion, sex, sexual orientation, gender identity, marital status, order of protection status, status as a survivor of domestic violence or human trafficking, national origin or ancestry, citizenship status, age, physical or mental disability unrelated to ability, military status, or unfavorable discharge from military service; and, further, that Vendor will examine all job

classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any underutilization.

- b) If Vendor hires additional employees in order to perform this contract or any portion of this contract, Vendor will determine the availability (in accordance with Section 750) of minorities and women in the areas from which Vendor may reasonably recruit and will hire for each job classification for which employees are hired in a way that minorities and women are not underutilized.
- c) In all solicitations and advertisements for employees placed by Vendor on its behalf, Vendor will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, sexual orientation, gender identity, marital status, order of protection status, status as a survivor of domestic violence or human trafficking, national origin or ancestry, citizenship status, age, physical or mental disability unrelated to ability, military status, or an unfavorable discharge from military service.
- d) Vendor will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising the labor organization or representative of the Vendor's obligations under the Illinois Human Rights Act and Section 750 of the Illinois Department of Human Rights Rules and Regulations. If any labor organization or representative fails or refuses to cooperate with the Vendor in its efforts to comply with the Act and Part 750, Vendor will promptly notify the Illinois Department of Human Rights and the City of Rockford and will recruit employees from other sources when necessary to fulfill its obligations under the contract.
- e) Vendor will submit reports as required by Part 750, furnish all relevant information that may be requested by the Illinois Department of Human Rights or the City of Rockford, and in all respects comply with the Act, the Department's Rules and Regulations, and the City of Rockford's Equal Opportunity Employment Ordinance. *Vendor's failure to complete the City's required Equal Employment Opportunity Certifications or Vendor and Subcontractor Workforce Data Forms will result in disqualification of Vendor's bid or proposal.*
- f) Vendor will permit access to all relevant books, records, accounts, and work sites by personnel of the City of Rockford and the Illinois Department of Human Rights for purposes of investigation to ascertain compliance with the Act, IDHR's Rules and Regulations, and City of Rockford EOE Ordinance.
- g) Vendor will include verbatim or by reference the Equal Employment Opportunity Clause (44 Ill. Admin. Code, Chapter X, Appendix A) in every subcontract awarded under which any portion of the contract obligations are undertaken or assumed, so that the provisions will be binding upon the subcontractor. In the same manner as with other provisions of this contract, Vendor will be liable for compliance with applicable provisions of this clause by subcontractors. Further, Vendor will promptly notify the City of Rockford and

the Illinois Department of Human Rights if any subcontractor fails or refuses to comply with the provisions of sections (a) through (f) of this paragraph. Vendor shall not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

20. Restrictive or Ambiguous Specifications. It is the responsibility of the bidding firm to review the invitation to bid specifications and to notify the Central Services Manager if the specifications are formulated in a manner that would unnecessarily restrict competition. Any such protest or question regarding the specifications or invitation to bid procedures must be received by the Central Services Division not less than seventy-two hours prior to the time set for the opening. In the event a contract term is not defined within the contract document, the term will be given its ordinary dictionary definition.

21. Bid Protest. Firms wishing to protest bids or awards shall notify the Central Services Manager in writing within seven (7) days after the invitation to bid opening. The notification should include the bid number, the name of the firm protesting, and the reason why the firm is protesting the bid. The Central Services Manager will respond to the protest within seven (7) calendar days. A successful protest may result in the reversal of a previously awarded contract.

22. Disputes. In case of disputes as to whether or not an item or service quoted or delivered meets specifications, the decision of the Central Services Manager or authorized representative shall be final and binding to all parties. The Central Services Manager has the right to waive technicalities as they see fit. The Central Services Manager may request a written recommendation from the head of the department using the equipment or service being procured.

23. Exceptions. Any deviations from these specifications shall be noted and submitted with the bid. Failure to address deviations from specifications may result in bid rejection.

24. Acceptance/Rejection of Bids. The City of Rockford reserves the right to accept or reject any or all bids or proposals at any time, for any reason, including but not limited to the Rockford City Council not appropriating sufficient funds to purchase equipment or complete the contract. The City may make awards in any manner deemed in the best interest of the City.

25. Prevailing Wage. When indicated on the cover page of the invitation to bid, 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 awarded vendors and subcontractors to pay laborers, workers, and mechanics performing services on public works projects no less than the "prevailing rate of wages" (hourly cash wages plus fringe benefits) in the county where the work is performed. Prevailing wage rates are determined by the Illinois Department of Labor and posted on the Department's website at:

<https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx> .

- (a) The Act *does* apply to owner-operators.
- (b) When applicable, all awarded vendors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to all wage, notice, recordkeeping, and filing of certified payroll requirements.
- (c) Under the Act, it is mandatory upon Vendor to insert into each subcontract a written stipulation to the effect that not less than the prevailing rate of wages shall be paid to all laborers, workers and mechanics performing work under this contract. It is also the Vendor's responsibility under the Act to verify and pay *current* wage rates, as the Department may change them from time to time.
- (d) It is Vendor's obligation to understand what the Act requires, and to comply accordingly. *Failure on the part of the City to provide proper written notice regarding the applicability of the Prevailing Wage Act does not relieve Vendor or subcontractors of the obligation to comply with the Act when applicable, nor does it relieve them of their obligation to pay back wages when owed.*
- (e) Vendor and all subcontractors shall make all records required under the Prevailing Wage Act available for inspection, copying, or transcription by authorized representatives of the City of Rockford or Department of Labor. Vendor shall further permit such representatives to interview employees during working hours on the job. If Vendor or subcontractor fails to submit the required records or make them available, the City may take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request may be grounds for debarment action.

26. Certified Payroll. The Illinois Prevailing Wage Act requires any contractor and each subcontractor who participates in public works to file with the Illinois Department of Labor (IDOL) certified payroll for those calendar months during which work on a public works project has occurred. The Act requires certified payroll to be filed with IDOL no later than the 15th day of each calendar month for the immediately preceding month through the Illinois Prevailing Wage Portal—an electronic database IDOL has established for collecting and retaining certified payroll. The Portal may be accessed using this link: <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Prevailing-Wage-Portal.aspx>. The City reserves the right to withhold payment due to Vendor until Vendor and its subcontractors display compliance with this provision of the Act.

27. Substance Abuse Prevention. Before Vendor commences work on a public works project, it must have in place a written program which meets or exceeds the program requirements in the Substance Abuse Prevention on Public Works Projects Act (820 ILCS 265/1 et seq.), to be filed with the City and made available to the general public, for prevention of substance abuse among its employees. This program must include pre-hire, random, reasonable suspicion, and post-

accident drug and alcohol testing, as required by the Substance Abuse Prevention on Public Works Projects Act.

28. Apprenticeship Requirement. For construction contracts over \$50,000, Vendor must participate in apprenticeship and training programs approved and registered with the United States Department of Labor's Bureau of Apprenticeship and Training for all Trades that will be in Vendor's (or his subcontractor's) employment, with each worker receiving the required apprenticeship/training appropriate to his trade. Owners or work performed by owners is not exempt from the apprenticeship and training requirement.

29. Indemnification. To the fullest extent permitted by law, Vendor shall indemnify and hold harmless the City, its officers, representatives, elected and appointed officials, agents, and employees from and against all claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from Vendor's performance of work under this agreement, and indemnifies and agrees to defend and hold harmless the City against any and all losses, claims, damages, and expenses arising from the work performed hereunder of the erection, construction, placement, or operation of any scaffold, hoist, crane, stay, ladder, support, or other mechanical contrivance in connection with such work including but not limited to losses, claims, damages, and expenses arising pursuant to claims asserted against the City pursuant to theories premised upon sections 343 and 414 of the Restatement (Second) of Torts.

This indemnification agreement shall not be limited in any way by any limitations on the amount or type of damages, compensation, or benefits payable by or for Vendor under the Illinois Workers' Compensation Act (820 ILCS 305/1 *et seq.*), disability benefit acts, or other employee benefit acts, and serves as an express agreement to waive the protection of *Kotecki v. Cyclops Welding Corp.*, 146 Ill.2d 155, 585 N.E.2d 1023 (1991) in Illinois.

Further, Vendor agrees that it is solely responsible for compliance with all safety laws applicable to the work performed hereunder, including but not limited to the Occupational Safety and Health Act (29 USC Ch. 15 §651 *et seq.*) and the Contract Work Hours and Safety Standards Act (40 USC Ch. 37 §3701 *et seq.*) and all standards and regulations which have been or shall be promulgated by the agencies which administer the Acts.

Under no circumstances shall Vendor, its subcontractors, agents, and employees be required to indemnify the City for its own negligence.

30. Insurance Requirements. Upon execution of the contract, and prior to Vendor commencing any work or services with regard to the project, Vendor shall carry commercial general liability insurance, umbrella liability insurance, and automobile liability insurance on ISO form CG 00 01 10 01 (or a substitute form providing equivalent coverage) and Vendor shall provide the City with a Certificate of Insurance and Additional Insured Endorsement on ISO form CG 20 10 11 85 (or substitute form providing equivalent coverage) or on the combination of ISO forms CG 20 IO 10 01 and CG 20 3 7 1001 (or substitute forms providing equivalent coverage) naming the City as

Additional Insured thereunder. Additional insured coverage shall apply as primary insurance and be noncontributory with respect to any other insurance afforded to the City. All coverage shall be placed with an insurance company duly admitted in the State of Illinois and shall be reasonably acceptable to the City. All awarded vendor insurance carriers must maintain an A.M. Best rating of "A-" or better. Coverage shall be afforded to the additional insured whether or not a claim is in litigation.

The insurance coverage required above shall be of sufficient type, scope and duration to ensure coverage for the City for liability related to any manifestation date within the applicable statutes of limitation and/or repose which pertain to any work performed by or on behalf of the City in relation to the contract. The following insurance requirement shall apply to the successful firm for the duration of the contract unless explicitly waived by the Central Services Manager:

- a) Commercial General Liability. The coverage available to the City, as Additional Insured, shall not be less than \$1 million each occurrence, \$2 million general aggregate (subject to a per project general aggregate provision applicable to the project), \$2 million products/completed operations aggregate and \$1 million personal and advertising injury limits. Such insurance shall cover liability arising from premises, operations, independent contractors, products-completed operations, personal and advertising injury, and liability assumed under an insured contract (including the tort liability of another assumed in a business contract).
- b) Umbrella Liability. The coverage available to the City, as Additional Insured, shall not be less than \$2 million each occurrence, \$2 million general aggregate. Such insurance shall cover liability arising from premises, operations, independent contractors, products-completed operations, personal and advertising injury, and liability assumed under an insured contract (including the tort liability of another assumed in a business contract).
- c) Automobile Coverage. The coverage available to the City, as Additional Insured, shall include comprehensive automobile bodily injury and property damage liability coverage for a minimum amount of \$1 million each occurrence, \$2 million general aggregate
- d) Workers Compensation. Vendor shall maintain during the life of this contract statutory workmen's compensation and employer's liability insurance for all his employees engaged in work on the job site.
- e) Insurance Certificates. Each Certificate of insurance shall provide that the insurer must give the City at least thirty (30) days' prior written notice of cancellation and termination of the City's coverage thereunder. Not less than two weeks prior to the expiration, cancellation or termination of any such policy, Vendor shall supply the City with a new and replacement Certificate of Insurance and Additional Insured endorsement as proof of renewal of said original policy. Said new and replacement endorsements shall be similarly endorsed in favor of the City as set forth above. All subcontractors to be utilized by Vendor shall provide Ownership with a Certificate of Insurance naming City of Rockford as additional insured prior to commencement of work by said subcontractor.

31. Conflict of Interest. Each bidder affirms, by submission of a response to this bid or request for proposals, it has no interest and will not acquire any interest in any enterprise, project, or contract that would conflict in any manner of degree with the performance of the work, services, or goods to be provided hereunder. Bidder further affirms that no person having such an interest will be employed to perform any work or services under the contract, and that no employee of the City of Rockford is directly or indirectly interested in the bid or proposal for any reason of personal gain.

32. Non-Waiver. The failure by the City to require performance of any provision shall not affect the City's right to require performance at any time thereafter, nor shall a waiver of any breach or default of this contract constitute a waiver of any subsequent breach or default or a waiver of the provision itself.

33. Professional Services Selection Act. The City of Rockford intends to comply with 50 ILCS 510/0.01 *et seq.* governing the selection of professional services. Any reference in these terms and conditions to supplying pricing or price as a determining factor in selection do not apply for services covered by said act.

34. Compliance with Stormwater Management Ordinance and Environmental Consent Decree. Vendor must comply with the City's Stormwater Management Ordinance. For work performed on the stormwater system, including projects only requiring erosion and sediment control measures, acknowledgement of receipt of the USEPA issued Environmental Consent Decree is required. It is also required that Vendor retain all invoices, work orders and/or other records of work performed in drainage areas for three (3) years beyond the end of the consent decree, estimated to be 12/31/2022. These records are subject to audit and are to be made available immediately upon request by the City or the Federal and State Environmental Protection Agency (EPA). Additionally, there may be other records provided that Vendor will be required to keep on file upon request of the City. Violation of this section and with the City's Stormwater Management Ordinance may result in a fine. Additional information can be found at <https://rockfordil.gov/city-departments/public-works/engineering-division/stormwater-environmental-team/stormwater-consent-decree/>.

35. Acceptance or Rejection of Bids and Proposals. The City of Rockford reserves the right to accept or reject any and all proposals and to waive technicalities in submitted bids.

36. Minority and Women Business Enterprise Policy. It is the policy of the City of Rockford to strongly encourage and promote the award of subcontracts to ready, willing, and able Minority and Women Business Enterprises (MWBEs) certified with the City. The City strongly encourages bidders, when preparing bids or proposals, to contact certified MWBEs regarding potential subcontracting opportunities. The City requires information regarding Vendor's good faith efforts to identify MWBE subcontractors on the Subcontractor Utilization Form required to be completed and submitted with Vendor's bid or proposal. An up-to-date list of the City's certified MWBEs can be found at:

<https://rockfordil.gov/city-departments/finance/central-services/purchasing/>.

37. Veterans Preference. Vendor shall comply with the Veterans Preference Act (330 ILCS 55/1 *et seq.*) in its employment to fill positions for the construction, addition to, or alteration of public works contracted for by the City. This Act requires that preference shall be given to veterans who possess the business capacity necessary for the proper discharge of the duties of employment. Vendor is not required to give preference to veterans who are not residents of the City of Rockford over City residents who are not veterans. A person who has been a member of the Illinois National Guard shall be given priority over a person who has been a member of the National Guard of any other state.

Veterans under the Act are defined as persons who have been members of the armed forces of the United States or who, while citizens of the United States, were members of the armed forces of allies of the United States in time of hostilities with a foreign country, and have served under one or more of the following conditions:

- a) The veteran served a total of at least six (6) months;
- b) The veteran served for the duration of hostilities regardless of the length of engagement;
- c) The veteran served in the theater of operations but was discharged on the basis of a hardship; or
- d) The veteran was released from active duty because of a service connected disability and was honorably discharged.

Vendor shall insure that the preceding provision is inserted in all subcontracts entered into to furnish labor for the construction, addition to, or alteration of public works in connection with this contract.

38. Non-barred Bidder. Vendors affirms, by submission of a response to this bid or request for proposals, that Vendor is not barred from bidding on this contract as a result of a conviction for violation of state law prohibiting bid rigging or rotating.

39. City Debarment. The City of Rockford reserves the right to bar Vendor from future bidding opportunities with the City if false information is submitted as part Vendor's bid response or proposal, Vendor has committed any violation of law, or Vendor fails to comply with the terms and conditions of this contract.

40. Non-Assignment. Neither this Contract nor any of the rights, interests or obligations under the Agreement shall be assigned, in whole or in part, by written agreement, merger, consolidation, operation of law, or otherwise by either party without the prior written consent of the other party.

41. Governing Law. This Contract shall be governed by and construed and enforced in accordance with the laws of the State of Illinois, excluding its choice of law rules and, to the extent

applicable, the copyright laws of the United States of America. In the event of a dispute under this Contract, the parties agree to submit to the exclusive jurisdiction of the state courts of, and federal courts sitting in, the State of Illinois.

42. Severability. In the event that any clause, provision, or portion of these General Conditions or any part thereof shall be declared invalid, void, or unenforceable by any court having jurisdiction, such invalidity shall not affect the validity or enforceability of the remaining portions.

Instruction to Bidders

1. The bidder shall insert the price for all bid items and all other information requested in the Bid Form attached or a computer generated schedule of prices. All computer-generated schedule of prices submitted must be correct and correspond to the latest schedule of prices issued by the City of Rockford or the bid may be rejected. All prices shall be net and shall be the full, delivered cost to the City of Rockford, including all factors whatsoever. Failure to comply with this requirement will constitute rejection of bid.

2. The City requires the improvements specified to be completed under the following guidelines:

3. Bidders bidding on any City of Rockford construction projects for CIP (Capital Improvement Projects) must be pre-qualified with the State of Illinois according to Section 102 of the Standard Specifications for Road and Bridge construction of the Illinois Department of Transportation. An "Affidavit of Availability" issued by the Department of Transportation must accompany each sealed bid.

The bidder, prior to receiving an award, must submit a certified copy of a "Certificate of Eligibility" issued by the Department of Transportation and an "Affidavit of Availability"

4. It shall be mandatory that the awarded vendor and subcontractors comply with the Illinois Preference Act (IL Rev. Stat., Ch. 48, Par. 2201-2207) requires that on Illinois-resident workers be employed on Public Works Projects in times of excessive unemployment.

5. The bidder receiving award of this contract by the Rockford City Council shall submit the following information and be issued a notice to proceed prior to start of work:

a. Construction schedule including starting date, project phasing controlling factors; and, estimated payment schedule (in Microsoft Projects format, one hard copy and one digital copy);

b. Material suppliers including plant locations and State certification.

c. A final, accurate Subcontractor Utilization Form and Subcontractor Workforce Data Forms for each subcontractor to be used. If the subcontractor fails to submit all required EEO compliance forms to Vendor or if the subcontractor is found to be in noncompliance, the City of Rockford may require that the subcontractor in question not be utilized on the project. The City of Rockford also reserves the right to take whatever action necessary to meet all EEO requirements.

6. Bidders are only required to return to the City the forms listed in the Required Forms section of the bid document, along with any special information that may be requested of firms as part of the general or special provisions. Sections 1, 3, and 4 of the bid document need not be returned to the City.

7. Bidder Questions during Bidding.

All questions regarding the bidder's preparation of this bid, pertaining to the drawings and specifications, shall be compiled in writing and e-mailed to Xavier Whitford, (xavier.whitford@rockfordil.gov) City of Rockford, Finance Department, at least 72 hours prior to bid time.

Questions received less than 72 hours before the designated bid time cannot be answered by addendum.

Oral statements will not be binding to City of Rockford or Vendor.

Any questions deemed by City as requiring a response will be answered by addendum issued to all bidders and will become a part of the Contract.

Subcontractors must direct their questions through Vendor only.

The consulting Architect and/or the consulting Engineer shall not be contacted direct without prior authorization from City.

8. These instructions are to be considered an integral part of any proposal.

9. Questions regarding EEOs should be addressed to: City of Rockford Equal Opportunity Compliance (EOC) Officer, at (779) 348-7392.

10. Questions regarding Bid/RFP specs should be addressed to analyst listed in specs section.

FINANCE AND PERSONNEL COMMITTEE
Xavier Whitford
Central Services Manager

Section 2

Required Forms

City of Rockford
EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

All bidders seeking to do business with the City of Rockford must complete this certification. **Failure to sign this Certification will result in disqualification of Vendor's bid or proposal.** Questions regarding EEOs should be addressed to: City of Rockford Equal Opportunity Compliance (EOC) Officer, at (779) 348-7392.

1. **Compliance with EEO Law.** Vendor acknowledges and certifies that, if awarded a contract with the City of Rockford, it is subject to and will comply with all applicable equal employment opportunity statutes, regulations, and ordinances including but not limited to: the City's Equal Opportunity Employment (EOE) Ordinance (City of Rockford Code of Ordinances, Chapter 11, Article IV); the Illinois Human Rights Act (775 ILCS 5/101 *et seq.*), the Illinois Department of Human Rights Rules and Regulations for Government Contracts (44 Ill. Admin. Code, Chapter X, Section 750), and the Discrimination in Public Contracts Act (775 ILCS 10/0.01 *et seq.*), Title VII of the Civil Rights Act of 1964, as amended (§ 7, 42 U.S.C. § 2000e *et seq.*); the Age Discrimination in Employment Act of 1967, as amended (29 USC §.621 *et seq.*); Title I of the Americans with Disabilities Act of 1990, as amended (42 USC 12111-12117); the Equal Pay Act of 1963, as amended; the Uniformed Services Employment and Reemployment Rights Act of 1994, as amended (38 USC §§ 4301-4335); and, for federally-funded construction contracts (only), Executive Order 11246, as amended, and relevant U.S. Department of Labor regulations regarding equal employment opportunity for federally assisted construction contracts (see 41 CFR Part 60).
2. **Discrimination Prohibited.** Vendor certifies that it is its policy to provide equal employment opportunity and that it prohibits discrimination against any employee or applicant for employment due to race, color religion, sex, sexual orientation, gender identity, marital status, order of protection status, status as a survivor of domestic violence or human trafficking, national origin or ancestry, citizenship status, age, physical or mental disability unrelated to ability, military status, or unfavorable discharge from military service. Further, Vendor will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any underutilization, as is required by the Illinois Department of Human Rights Rules and Regulations for Government Contracts.
3. **Non-Segregated Facilities.** Vendor certifies that it provides facilities at its place of business without segregation except where separate facilities for a person of the opposite sex are required. Vendor also certifies that it will, to the greatest extent possible, not assign employees to work at any location where facilities are so segregated and that it will insert into its subcontracts the provisions of this paragraph for work performed under this contract and obtain the same certification from subcontractors.
4. **Government Exclusion, Debarment, or Suspension.** Vendor certifies that it is not subject to any exclusion, debarment, suspension, or other disciplinary action by any government agency including but not limited to the U.S. Government, State of Illinois, Illinois Human Rights Commission, Illinois Department of Labor, or any other federal or state agency or political subdivision. Additionally, if at any time Vendor is subject to such exclusion, suspension, or debarment during the contract period, Vendor certifies that it will immediately disclose this information to the City's EOC Officer.

City of Rockford
EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

5. **Subcontracting.** Vendor certifies that, if awarded a public contract with the City of Rockford, it will include verbatim or by reference the provisions of the City’s General Conditions *Equal Employment Opportunity* paragraph 19 in every subcontract awarded under which any portion of the contract obligations are undertaken or assumed. For federally funded construction contracts, the conditions described in paragraph (8) of the “Equal Opportunity Clause for Federally Assisted Construction Contracts” and paragraph (2) of the “Standard Federal Equal Employment Opportunity Construction Contract Specifications” must also be included in every subcontract. Vendor acknowledges that it is responsible for the compliance of all of its subcontractors with this provision. Vendor also certifies it will not utilize any subcontractor excluded, debarred, suspended, or otherwise disciplined by any government agency including but not limited to the U.S. Government, State of Illinois, Illinois Human Rights Commission, Illinois Department of Labor, or any other federal or state agency or political subdivision, and that it will notify the City’s EOC Officer if any subcontractor fails to comply with such provision.

6. **MWBE Procurement Policy.** Vendor understands that it is the policy of the City of Rockford to encourage and promote the award of subcontracts to ready, willing, and able Minority and Women Business Enterprises (MWBEs) certified with the City. The City strongly encourages bidders, when preparing bids or proposals, to contact certified MWBEs regarding potential subcontracting opportunities. Vendor certifies that it has worked in good faith to comply with this policy by contacting MWBE businesses for subcontracting opportunities when possible (list can be found at <https://rockfordil.gov/city-departments/finance/central-services/purchasing/>). For federally funded construction projects (only), Vendor further certifies it has demonstrated good faith efforts to meet the women and minority subcontracting goals set forth in the “Notice of Requirement for Affirmative Action to Ensure Equal Employment Opportunity.”

Signature of Vendor

Date

**City of Rockford
SUBCONTRACTOR UTILIZATION FORM**

**THIS FORM MUST BE COMPLETED EVEN IF YOU DO NOT PLAN TO USE
SUBCONTRACTORS
(COMPLETE SECTIONS I, II, AND V IF YOU DO NOT PLAN TO USE SUBCONTRACTORS).**

All Vendors seeking to do business with the City of Rockford must provide information about all subcontractors that will be used. **A Subcontractor is any person or business that supplies any of the work, transportation or labor services, supplies, equipment, or materials under a contract with Vendor.** Failure to complete this form will result in disqualification of Vendor's bid or proposal. Questions regarding EEOs should be addressed to City of Rockford Equal Opportunity Compliance (EOC) Officer, at (779) 348-7392.

Section I—Vendor/Prime Contractor Information

Is this an update to a previously submitted Subcontractor Utilization Form? Yes No

Vendor Name:			
Project Name:		Bid or RFP Number:	
Total Proposal/Bid Amount (over the full term of the contract):			
Vendor Contact Name:		Contact Phone:	
		Contact Email:	
Vendor Certification Status:	Minority Business Enterprise	Women Business Enterprise	None

Section II--Subcontractor Utilization

Will subcontractors be used? Yes (complete rest of form) No (proceed to Section V)

Section III—Subcontractor Selection

Please list information for ALL subcontractors Vendor *believes it will* use. Vendor may make changes or additions to its list of subcontractors by submitting an updated form to the City's EOC Officer after award, if needed.

Subcontractor Name	MBE or WBE? (Y/N)	Amount	% of Total Proposal/Bid	Scope of Work

If more than six subcontractors will be used, please complete the [Subcontractor Utilization Form--Supplement](#).

**City of Rockford
SUBCONTRACTOR UTILIZATION FORM**

If Vendor plans to use subcontractors, but has not yet identified some or all of the subcontractors to be used, please explain why:

Section IV—MWBE Subcontractors Contacted

It is the policy of the City of Rockford to encourage and promote the award of subcontracts to qualified and available Minority and Women Business Enterprises (MWBEs) certified with the City. The City strongly encourages bidders, when preparing bids or proposals, to contact certified MWBEs regarding potential subcontracting opportunities (a list of MWBEs can be found at <https://rockfordil.gov/city-departments/finance/central-services/purchasing/>). Please list the MWBEs Vendor has contacted regarding subcontractor opportunities for this proposal/bid (MWBE subcontractors selected and listed in Section III do not need to be listed again here):

MWBE Business Name	Method of Contact (e.g. phone, email)	Why not used?

Section V—Signature

The undersigned certifies that the information provided herein is truthful, accurate, and complete. Further, Vendor acknowledges that if it is awarded the contract, this information must be kept up to date by Vendor. According to the City’s General Conditions Paragraph 16, **any changes in subcontractor utilization must be immediately made in writing** by submitting a new form to the City’s Equal Opportunity Compliance Officer (contact information provided at the top of this form). A complete and accurate list of subcontractors will be required prior to beginning work on the project, if awarded.

Signature **Date**

Name **Title**

City of Rockford
VENDOR WORKFORCE DATA FORM

The City must collect information in an effort to monitor Vendor’s compliance with the Illinois Human Rights Act, Illinois Department of Human Rights Rules and Regulations, and City of Rockford Equal Employment Opportunity Ordinance. **Failure to complete this form will result in disqualification of Vendor’s bid or proposal.** Questions regarding EEOs should be addressed to: City of Rockford Equal Opportunity Compliance (EOC) Officer, at (779) 348-7392

Part I: Vendor Information

Vendor Name:	Bid or RFP Number:
Project Name:	IDHR Number ¹ :
	Expiration:
Date:	Estimated Duration of Work:
Vendor’s EEO Contact Name:	Contact Email:
Title:	Contact Phone:

Part II: Vendor Workforce Data

Please provide the *number* of individuals employed by Vendor in each category below (report all employees, not just those who will work under the contract). Definitions of the EEO Job Categories are included with this form.

W - White B - Black H – Hispanic/Latino A - Asian AI - American Indian, Alaskan or Hawaiian Native
Tw—Two or more race/ethnicity T – Total

JOB CATEGORY	MALE							FEMALE							TOTAL
	W	B	H	A	AI	Tw	T	W	B	H	A	AI	Tw	T	
Officials and Managers															
Professional Workers															
Technicians															
Sales Workers															
Administrative Support Workers															
Craft Workers															
Operatives															
Laborers and Helpers															
Service Workers															
TOTAL															

¹ Bidders must have an Illinois Department of Human Rights Eligibility Number if 1) bidder employs 15 or more persons, AND 2) if the bid or proposal will total more than \$100,000.

City of Rockford
SUBCONTRACTOR WORKFORCE DATA FORM

This form is *required* if Vendor will be using one or more subcontractors to complete work or perform services for the City. A Workforce Data Form must be completed for *each* subcontractor. Questions regarding EEOs should be addressed to City of Rockford Equal Opportunity Compliance (EOC) Officer, at (779) 348-7392

Part I: Identification

Subcontractor Name:	Bid Number:
Project Name:	IDHR Number: Expiration:
Date:	Estimated Duration of Work:
Subcontractor's EEO Contact Name:	Contact Email: Contact Phone:

Part II: Subcontractor Workforce Data

Please provide the *number* of individuals employed by subcontractor in each category below (report all employees, not just those who will work under the contract). Definitions of the EEO Job Categories are included on the next page of this form.

W - White B - Black H – Hispanic/Latino A - Asian AI - American Indian, Alaskan or Hawaiian Native
Tw—Two or more race/ethnicity T – Total

JOB CATEGORY	MALE							FEMALE							TOTAL
	W	B	H	A	AI	Tw	T	W	B	H	A	AI	Tw	T	
Officials and Managers															
Professional Workers															
Technicians															
Sales Workers															
Administrative Support Workers															
Craft Workers															
Operatives															
Laborers and Helpers															
Service Workers															
TOTAL															

Job Category Descriptions

Officials and Managers: Jobs occupied by administrative and managerial personnel who set broad policies, exercise overall responsibility for execution of these policies, and direct individual departments or special phases of a firm's operations. Includes: officials, executives, middle management, plant managers, department managers, superintendents, salaried supervisors who are members of management, and purchasing agents and buyers.

Professionals: Jobs requiring bachelor or graduate degree and/or professional certification or comparable experience. Includes: accountants and auditors, architects, chemists, computer programmers, designers, editors, engineers, lawyers, scientists, registered professional nurses, personnel and labor relations specialists, physicians, and surveyors.

Technicians: Jobs requiring a combination of basic scientific knowledge and manual skill which is often obtained through 2 years of post-high school education or through equivalent on-the-job training. Includes: drafters, surveying and mapping technicians, engineering aides, junior engineers, mathematical aides, emergency medical technicians, and licensed practical nurses.

Sales Workers: Jobs engaging wholly or primarily in direct selling. Includes: advertising agents and sales workers, insurance agents and brokers, real estate agents and brokers, stock and bond sales workers, securities, commodities, and financial services sales agents, demonstrators, sales workers and sales clerks, grocery clerks, and cashiers/checkers.

Administrative Support Workers: Jobs involving non-managerial tasks providing administrative and support assistance, primarily in office settings. Includes: office support, bookkeepers, accounting and auditing clerks, dispatchers, data entry workers, collectors (bills and accounts), messengers and office helpers, shipping and receiving clerks, typists and secretaries, telephone operators, and legal assistants.

Craft Workers: Jobs requiring higher skill in areas including: construction (building trades craft workers and their formal apprentices); natural resource extraction workers; installation, maintenance and part replacement of equipment, machines and tools; and some production occupations that are distinguished by the high degree of skill and precision. Includes: boilermakers; brick & stone masons; carpenters; electricians; painters; glaziers; plumbers, pipefitters & steam fitters; roofers; elevator installers; earth drillers; oil & gas rotary drill operators; blasters & explosive workers; mechanics; electric & electronic equipment repairers; millwrights; and tool & die makers.

Operatives: Jobs involving operation of machines, factory-related processing equipment, or equipment to facilitate the movement of people or materials. These occupations require intermediate skill level and usually do not require more than several months of training. Includes: machine operators; electrical & electronic equipment assemblers; semiconductor processors; testers; graders & sorters; bridge & lock tenders; truck, bus or taxi drivers; industrial truck & tractor (forklift) operators; conveyor operations; and hand packers & packagers.

Laborers and Helpers: Jobs requiring limited skills and brief training to perform tasks that require little or no independent judgment. Includes: production & construction worker helpers; construction laborers; refuse & recyclable materials collectors; landscapers, grounds maintenance workers, and laborers performing lifting, digging, mixing, loading and pulling operations.

Service Workers: Jobs in food service, personal service, cleaning service, and protective service occupations. Skill may be acquired through formal training, job-related training or direct experience. Includes: food service workers; medical assistants and other healthcare support occupations; transportation attendants; cleaners; janitors; porters; transit and railroad; police and fire fighters; guards; private detectives and investigators.



Apprenticeship or Training Program Certification

Return with Bid

Route _____
County _____
Local Agency _____
Section _____

All contractors are required to complete the following certification:

- For this contract proposal or for all groups in this deliver and install proposal.
- For the following deliver and install groups in this material proposal:

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidders' subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

- I. Except as provided in paragraph IV below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
- II. The undersigned bidder further certifies for work to be performed by subcontract that each of its subcontractors submitted for approval either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
- III. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

IV. Except for any work identified above, any bidder or subcontractor that shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforce and positions of ownership.

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or after award may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder: _____

By: _____

(Signature)

Address: _____

Title: _____



Local Agency Proposal Bid Bond

Route _____
County _____
Local Agency _____
Section _____

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

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

(If PRINCIPAL 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

City of Rockford
ILLINOIS PREVAILING WAGE ACT NOTICE AND ACKNOWLEDGEMENT

Failure to sign this acknowledgement will result in disqualification of Vendor's bid or proposal.

Prevailing Wage. The work included in this bid/request for proposal 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 "prevailing rate of wages" (hourly cash wages plus fringe benefits) in the county where the work is performed. Prevailing wage rates are determined by the Illinois Department of Labor and up-to-date rates are posted on the Department's website at <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx>. This Act does apply to owner/operators (e.g. a business where the owner is an employee doing work on the job). If awarded this contract, Vendor must comply with all requirements of the Act, including but not limited to all wage, notice, recordkeeping, and filing of certified payroll requirements. *It is your responsibility, as a bidder, to understand the amount this law requires you to pay workers (including yourself as an owner, if applicable) while working on this City of Rockford project— and to bid accordingly.*

Certified Payroll. The Illinois Prevailing Wage Act requires any contractor and each subcontractor who participates in public works to file with the Illinois Department of Labor (IDOL) certified payroll for those calendar months during which work on a public works project has occurred. The Act requires certified payroll to be filed with IDOL no later than the 15th day of each calendar month for the immediately preceding month through the Illinois Prevailing Wage Portal—an electronic database IDOL has established for collecting and retaining certified payroll. The Portal may be accessed using this link: <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/Prevailing-Wage-Portal.aspx>. *The City reserves the right to withhold payment to Vendor until Vendor displays compliance with this provision of the Act.*

By signing below, Vendor acknowledges the applicability of the Prevailing Wage Act to the work that will be performed for the City of Rockford and, if the contract is awarded to Vendor, agrees to comply with the Act.

Vendor Name: _____

Bid/RFP Number: _____

Bid/RFP Title: _____

Name of Authorized Representative: _____

Title of Authorized Representative: _____

Signature of Authorized Representative

Date

City of Rockford
LCPTRACKER VENDOR INFORMATION FORM

The City uses an online system called LCPtracker to collect the certified payrolls Vendor must file with the City in compliance with the Prevailing Wage Act (820 ILCS 130/5 (a)(2)). The City will use the information provided in this form to set up a project in the LCPtracker system, where Vendor will be required to file certified payroll (due the 15th of the month for the preceding month).

- 1. City's Bid Number or PO Number:**
- 2. City's Project Name:** _____
- 3. Company Name (Vendor):**
- 4. Vendor's Address:** _____
- 5. Vendor's City and State:** _____
- 6. Vendor's Zip Code:**
- 7. Vendor's 10 – Digit Phone Number:** _____
- 8. Federal Tax ID Number:**
- 9. Ethnicity of Vendor:** _____
- 10. Principal's Name:**
- 11. Principal's Title:**
- 12. Contact's Nameⁱ:**
- 13. Contact's Email Address:**
- 14. Prime Approver's Nameⁱⁱ:**
- 15. Prime Approver's Email Address:**
- 16. Union Status:** ____ Union ____ Non-Union
- 17. Owner Operator?** ____ Yes ____ No
- 18. City-Certified MBE or WBE?** Yes No
- 19. Start Date of Project:** _____
- 20. Bid or PO Amount:** _____
- 21. If you will employ apprentices for City work, please attach pay scale for them.**

For questions about EEOs, contact Contract and Grant Compliance Officer, by email at (779) 348-7392.

ⁱ The Contact is the person who will manage Vendor's LCPtracker online account and who will use that account to *enter and certify payroll* information in the online system.

ⁱⁱ The Prime Approver is the person who will be responsible for *approving payroll* entered by Vendor and all subcontractors utilizing his or her LCPtracker prime approver online account. The Contact and Prime Approver may be the same person (who will utilize two different accounts to perform each function).

Acknowledgement of Stormwater Management Ordinance and Environmental Consent Decree

By indicating below, we acknowledge receipt of the Stormwater Management Ordinance and Environmental Consent Decree. Both documents can be found on the City of Rockford website at <https://rockfordil.gov/city-departments/public-works/engineering-division/stormwater-environmental-team/stormwater-consent-decree/>

I have been provided access to the City of Rockford Stormwater Management Ordinance and the Environmental Consent Decree and agree to comply with the terms outlined therein.

Person, Firm or Corporation

Authorized Signature

Acknowledgement of Addenda

By indicating below, we acknowledge receipt of the addenda listed.

Addendum _____	Date _____

Person, Firm or Corporation

Authorized Signature

**CITY OF ROCKFORD, ILLINOIS
PROPOSAL NO. _____**

BIDDER'S AFFIDAVIT

STATE OF _____

COUNTY OF _____

I, _____ (Name of party signing affidavit)

_____, (Title) being duly sworn
do depose and say:

That material to be furnished for the above designated proposal number shall be supplies from bins, stockpiles or stock materials that conform to the specification set forth herein.

(Signature and title)

Sworn to be before me this _____ day of _____, 2020.

(Notary Public)

My commission expires _____.

(SEAL)



Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability For the Letting of _____

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	
Contract 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						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases & Surfaces						
Highway, R.R. and Waterway Structures						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning & Rotomilling						
Demolition						
Pavement Markings (Paint)						
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					
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

Signed _____

 Notary Public

My commission expires _____

(Notary Seal)

Company _____

Address _____

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the instructions for Part II for details),
3. The IRS tells the requester that you furnished an incorrect TIN,
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships*, earlier.

What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. Individual. Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. Sole proprietor or single-member LLC. Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or “doing business as” (DBA) name on line 2.

c. Partnership, LLC that is not a single-member LLC, C corporation, or S corporation. Enter the entity’s name as shown on the entity’s tax return on line 1 and any business, trade, or DBA name on line 2.

d. Other entities. Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. Disregarded entity. For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a “disregarded entity.” See Regulations section 301.7701-2(c)(2)(iii). Enter the owner’s name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner’s name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity’s name on line 2, “Business name/disregarded entity name.” If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation
• Individual • Sole proprietorship, or • Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	Individual/sole proprietor or single-member LLC
• LLC treated as a partnership for U.S. federal tax purposes, • LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or • LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
• Partnership	Partnership
• Trust/estate	Trust/estate

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys’ fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/Businesses and clicking on Employer Identification Number (EIN) under Starting a Business. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or SS-4 mailed to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983.

You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983.

You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
6. Sole proprietorship or disregarded entity owned by an individual	The owner ³
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor*
For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee

For this type of account:	Give name and EIN of:
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships*, earlier.

*Note: The grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes.

Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/idtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.IdentityTheft.gov and Pub. 5027.

Visit www.irs.gov/IdentityTheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

Section 3
Bid/RFP
Specifications



**Illinois Department
of Transportation**

Special Provisions

The following Special Provisions supplement the “Standard Specifications for Road and Bridge Construction”, Adopted **April 1, 2016**, the latest edition of the “Manual on Uniform Traffic Control Devices for Streets and Highways”, and the “Manual of Test Procedures of Materials” in effect on the date of invitation of bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of _____, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.



SECTION 1 – GENERAL PROVISIONS

1.1 DESCRIPTION OF WORK

The City of Rockford requests bids from qualified companies to provide all labor, materials, equipment, and supplies necessary for **East State Street Water Main Relocation** as described in these specifications.

This project includes the replacement of the existing 8", 12", and 16" water main, valves, services, and associated appurtenances; and new installation of 8", 12", and 16" ductile iron main, valves, services, hydrants, and associated appurtenances. Please note that the existing 8", 12", and 16" water main is to remain in service during the installation of the proposed water main, except in emergency situations. East State Street water main from Perryville Road to Buckley Drive (Phase 1) shall be completed in its entirety by April 30, 2021. All remaining plan items (Phase 2) shall be completed by May 28, 2021. Phase 2 consists of the water main replacement from Mill road and Perryville Road.

The contractor will need to closely coordinate with IDOT's awarded contractor for installation as some of the work may not be able to occur until IDOT's contractor has completed their work. IDOT is anticipating award of their contract on September 18, 2020.

The contractor shall coordinate all shutdowns well in advance with all businesses that will be impacted by the construction.

Contractor is bound to conditions of IDOT Utility Permit Serial No. 2-20-479.

Reasonable effort has been made to ensure that the bid quantity breakdown sheets are accurate however, quantities in the breakdown sheets are provided only as a courtesy for bidding and are subject to change by the owner. Payment for this project will be based on quantities measured in the field upon completion of their construction.

1.2 CONSTRUCTION SCHEDULING REQUIREMENTS

This project shall consist of 2 phases, as noted below:

Phase 1 - This phase shall consist of the proposed water main replacement along East State Street from Perryville Road to Buckley Drive. All work in this phase, including placing the main and services into operation, final paving and restoration, shall be completed prior to April 30, 2021.

Phase 2 - This phase shall consist of the proposed water main replacement along East State Street from Mill Road to Perryville Road. All work in this phase, including placing the main and services into operation, final paving and restoration, shall be completed prior to May 28, 2021.

Traffic control shall be installed per the approved IDOT traffic control plan included in the plan set and the approved traffic management plan.



1.3 CONSTRUCTION STAKING

The Contractor shall be responsible for setting and staking the water main location and all other improvements as indicated on the plans. Any deviation from plans without written authorization from the Engineer, will not be accepted for payment until the Contractor has corrected the construction to the satisfaction of the Engineer. Construction staking shall not be paid for separately but considered incidental to contract.

1.4 CONTRACT SUBLETTING-COOPERATION AMONG SUBCONTRACTORS

The following is in addition to Section 108.01 of the IDOT Standard Specifications and shall read as follows:

"Total contract costs" shall equal the sum of the pay items listed in the contract. Prior to the approval of any subcontracts by the Owner, the Contractor shall designate those Pay Items that are to be subcontracted. Subcontracted pay items shall include all labor, materials and equipment to complete the pay item, as required by the contract, including purchase and delivery of materials to the job site. The determination of Contractor's own organization work shall be those pay items that are constructed at the job site with the Contractor's labor and equipment. Labor shall include all personnel working for the Contractor. The cost of that portion of "total contract cost" which is subcontracted shall be determined by multiplying the unit cost as designated in the Pay Item, times the actual units provided, as physically constructed at the job site, and finally verified by the Owner. No division of individual Pay Items between the Contractor and Subcontractor(s) shall be permitted. Any violation of this paragraph may result in disqualification of the Contractor from future bids.

It shall be the responsibility of the Contractor to ensure full cooperation among the Subcontractors doing work on the project.

All Subcontractors to be utilized by the Contractor shall provide Ownership with a Project Specific Certificate of Insurance naming City of Rockford as additional insured prior to commencement of work by said Subcontractor.

1.5 CONTROL OF WORK

No work shall be done by the Contractor until a pre-construction meeting has been held and until a 48-hour notice has been provided to the City's Project Manager.

The Contractor and/or their sub-Contractor shall contact any resident prior to a temporary loss of access to their house a minimum of 48 hours but not more than 72 hours, prior to the commencement of these activities. The morning of the work, the Contractor will again be required to notify the residents door to door. The Contractor should provide information regarding the anticipated time that full access will be restored. Coordination between activities should allow for work to be done in a timely manner to permit access to the roadway.



1.6 CONSTRUCTION INSPECTION

Any work performed without the presence of an Owner's designated representative to inspect said construction shall not be accepted for payment as directed by the Owner. Contractor shall notify Ownership a minimum of 24 hours in advance of the start of construction or the continuation of construction following a pause in work.

City representatives shall only be available between 7:30 am and 3:30 pm on weekdays. Inspectors will not be available on Saturdays, Sundays and official City of Rockford holidays. Except for work required to maintain warning lights, barricades and other safety/health-related systems, no work shall be performed on Saturdays, Sundays, legal holidays, or between 3:30 p.m. and 7:30 a.m. on other days without specific permission of the Owner. Additionally, no work will be allowed in certain areas of the project on days as specified by the City of Rockford.

Owner will provide services as needed for construction observation/inspection between the hours of 7:30 a.m. and 3:30 p.m., Monday through Friday, except for official City of Rockford holidays. Should the Contractor work outside these hours whether by his choice or in response to an emergency situation, Contractor shall pay for excess observation time at a rate of \$70.00 per hour per inspector for the number of construction observation/inspection hours expended by the Owner's designated representatives. The applicability of this excess engineering cost shall be determined on the basis of the representative's work hours expended **in each individual day** and shall not be predicated upon Contractor's work hours on preceding days or the Contractor's proposed schedule for completing the Project. Moneys due the Owner for excess engineering shall be deducted from the project's final application for payment.

1.7 EXISTING UTILITIES AND DRAINAGE STRUCTURES LOCATIONS

Ownership does not guarantee the completeness or accuracy of the information shown on any plans regarding gas and water mains, sewers, inlets, buffalo boxes and power lines, poles or any other existing utilities or drainage structures. The Contractor shall make their own investigation to verify or determine the existence, nature and location of all utilities on the site that may interfere with construction before commencing work. The Contractor shall report to the Owner any omissions or differences in location from that shown on any project plans. Care should be taken while working near these utilities to prevent their damage.

1.8 REQUIREMENTS FOR WATER MAIN VALVE SHUT OFF

- a) Contractor shall obtain the permission of the Water Superintendent, or his designee, prior to any water main valve shut off.
- b) Contractor shall notify all water customers affected by the water main valve shut off at least 24 hours in advance, using forms supplied by the Water Division.
- c) Contractor shall notify the Water Division Operations Center Operator (779-348-7368) prior to any water main valve shut off and provide the following information (pursuant to Illinois Municipal Code 65 ILCS 5/11-20-10.5):
 - Streets and boundaries of shut down



- Time of shut down
 - Approximate duration of shut down
 - Number of customers affected
 - If non-residential customers (hospitals, nursing homes, restaurants, etc.) are affected, a count of how many individuals affected will be provided.
- d) Contractor shall notify Water Division Operations Center Operator upon completion of repairs and restoration of water service.
- e) Contractor shall demonstrate, to the satisfaction of the Owner, that water service at each residence or business affected by the shutdown has been restored once the water service line has been reconnected.
- f) Contractor shall meet with Water Division personnel at least two (2) days prior to start of construction to coordinate exercising valves and determining valve shut off patterns during construction. The shutdown shall be allowed to proceed only after the Water Division representative has determined that the required valves are functioning. The Contractor shall be responsible for turning valves on and off during construction and accepts the responsibility for any and all damage to City property during construction.
- g) All costs of work associated with scheduled water main valve shut off shall be included in the individual bid items and no additional compensation shall be allowed.

1.9 REQUIREMENTS FOR UNSCHEDULED (EMERGENCY) WATER MAIN VALVE SHUT OFF:

- a) In the event the Contractor must perform an unscheduled water main valve shut off; the Contractor shall notify the Water Division Operations Center Operator (779-348-7368) as soon as possible.
- b) The Contractor shall notify all water customers affected by the water main valve shut off and the need to boil water as soon as possible, using forms supplied by the Water Division.
- c) The Contractor shall provide the following information (pursuant to Illinois Municipal Code 65 ILCS 5/11-20-10.5):
- Streets and boundaries of shut down
 - Time of shut down
 - Approximate duration of shut down
 - Number of customers affected
 - If non-residential customers (hospitals, nursing homes, restaurants, etc.) are affected, a count of how many individuals affected will be provided.
- d) If the Contractor is involved in repairs, the Contractor shall notify Water Division Operations Center Operator upon completion of repairs when water service has been restored.



1.10 FAILURE TO COMPLETE WORK ON TIME

The Schedule of Deductions for Each Day of Overrun in Contract Time shall be according to Section 108.09 of the IDOT Standard Specifications.

1.11 CONSTRUCTION SEAMS

All paving seams (joints) shall be raked out and rolled according to Section 406 of the Standard Specifications and as directed by the Owner. No overlapping seams will be allowed. Any roadway with seams that fail within the first two years after construction shall be milled and resurfaced to full width at the Contractor's own expense and to the satisfaction of the owner.

1.12 MAINTENANCE OF DRIVEWAYS

Contractor shall provide vehicular access to residential or commercial/industrial driveways that shall be maintained to the property line except when necessary construction precludes such access for reasonable periods of time. If backfill has been completed to the extent that safe access may be provided, and the street is open to local traffic, the Contractor shall immediately clear the street and driveways and provide and maintain access. Any aggregate used to maintain access to driveways shall be considered incidental to the various bid items.

1.13 EROSION CONTROL AND NPDES COMPLIANCE

The Contractor shall provide all materials, labor, equipment and all other incidentals to provide proper erosion control as indicated in this General Provision to this Contract

This work shall conform to the applicable portions of section 280 of the Standard Specifications and the attached details and all requirements set forth in the General NPDES Permit No. ILR10. The management practices, controls and other provisions contained in the erosion and sediment control plan must be at least as protective as the requirements contained in the Illinois Urban Manual.

Any deviation of installation practices from the standard details shall be submitted to the Engineer for approval prior to placement.

The Contractor shall name a person at the preconstruction meeting who shall be on the jobsite during construction and who shall be responsible for ensuring the erosion control work is completed in a timely manner.

Any disturbed areas shall be kept to a practical minimum and shall be temporarily seeded, mulched, sodded or paved within 7 calendar days; except where Construction activity will resume on a portion of the site within 14 days from when activities ceased, (e.g. the total time period that construction activity is temporarily ceased is less than 14 days) then stabilization measures do not have to be initiated on that portion of the site by the 14th day after construction activity temporarily ceased. Best management practices will be in place downslope of the disturbed areas until final stabilization has occurred.



Any excess construction materials on site must be properly disposed of. All excess concrete material must be disposed of in an approved concrete washout container. **NO CONCRETE IS TO BE WASHED INTO THE PARKWAY.** The type, size, location and design of the concrete washout structures may vary but each must be approved prior to use. Concrete washout structures used on this project are considered incidental to the contract and will not be considered for additional payment.

When excess topsoil and excavated material is removed from the site, the Contractor shall take special precautions to avoid tracking or spilling dirt onto the adjacent roadways. If excavated material is spilled outside of the job site, the Contractor shall remove the debris and clean the pavements to the satisfaction of the Engineer, and properly dispose of the material.

1.14 SCHEDULING OF WORK

Contractor shall abide by the City of Rockford Construction Noise Ordinance (Sec. 17-6) for all work with the following exception. In certain areas (some commercial and/or industrial areas), the Contractor may be required to work outside of these hours. Ownership may waive specific requirements of the City of Rockford Construction Noise Ordinance on an individual case basis.

Contractor acknowledges that alterations to the construction sequencing and schedule may be required for coordination with any third-party utilities. Contractor shall be responsible for any necessary coordination with utility companies. Any delay to the contract caused directly or indirectly by third party utilities shall not be cause for adjustment to the contract sum.

Contractor shall be responsible for providing updated project schedules in the provided format to be submitted each Tuesday by the end of business hours. Schedules shall be completed electronically using the format provided. Schedules shall be completed to the quality and satisfaction of project ownership.

1.15 REMOVAL OF OLD CASTINGS

Any manhole, hand hole and inlet castings to be replaced shall be removed from the jobsite the same day that the new casting is installed. Used castings shall be disposed of at a designated location at the City Yards for recycling. The address of the City Yards is 523 S. Central Avenue, Rockford, IL 61102.

1.16 EXAMINATION OF THE PROJECT SITE

Bidders should carefully examine the project site(s), to eliminate misconceptions, verify dimensions, elevations, working conditions, transportation and storage facilities. Bidders should give due consideration to same in preparing their proposals as no exceptions will be considered after awarding the contract; nor will the Contractor be entitled to any extra compensation for their failure to verify conditions at the site.



1.17 PROTECTION OF PERSONS AND PROPERTY

The Contractor shall assume and bear all risk of damage to the work, and all risk of any accident(s), from whatsoever cause arising, until the work herein provided for shall be fully completed and accepted by the City.

Any damage to property outside of what has been asked in these specifications shall be restored to its original state or as directed by the Engineer, at the Contractor's expense.

1.18 WORK IN RIGHT OF WAY

All work in the public right of way shall be done in accordance with Chapter 26 of the City of Rockford Code of Ordinances.

1.19 PERMITS AND NOTICES

The City of Rockford will issue permits for work on City property. When applicable, the Contractor is responsible for procuring permits from the Illinois Department of Transportation when working within the State Right of Way. City of Rockford permitting fees are waived for City projects.

1.20 PROPER BACKFILLING

All trenches shall be backfilled, from the bottom of the trench to the centerline of the pipe, with granular backfill or approved native material. The backfill material shall be deposited in the trench for its full width on each side of the pipe simultaneously, distributed evenly by hand, carefully packing the backfill material under the haunches of the pipe and compacted by tamping.

All trenches shall be backfilled, from the centerline of the pipe to a depth of one (1) foot above the top of the pipe, with granular backfill or approved native material compacted by tamping. The contractor shall use special care in placing this portion of the backfill so as to avoid injuring or moving the pipes. Ag Lime materials will not be allowed for backfill material.

When the type of backfill is not indicated in the plans, or elsewhere specified, the trench shall be backfilled, from one (1) foot above the pipe to the finished grade, with native material, or other materials approved by the Engineer, in twelve (12) inch layers compacted by tamping.

Granular backfill material is required under pavements, curbs, driveways, or sidewalks planned to be constructed within one (1) year after backfill. The area requiring such granular backfill shall be indicated in the plans. Where the excavation is made through or within two (2) feet of permanent pavements, curbs, driveways, or sidewalks, or where such structures are undercut by the excavation, or where such structures may reasonably be expected to be constructed over or within two (2) feet of the excavation within one (1) year after backfilling, the entire backfill to the subgrade of the structures shall be made with granular backfill material, as approved by the Engineer, placed in six (6) inch layers, loose measurement, and compacted to not less than ninety-five (95) percent of standard laboratory density in accordance with the requirements of ASTM Standard D-698.



1.21 SAWCUTTING

Work shall consist of sawing existing pavements to such a depth that when the pavement is removed, a clean neat edge will result with no spalling of the remaining pavement. Saw cutting shall be performed at all locations where pavement is removed and will be replaced, and water shall be used to control dust during saw cutting operations. This work item shall be considered incidental to construction and no further compensation will be allowed.

1.22 TREE PROTECTION AND PRUNING

Work shall consist of trunk protection, fencing, tree pruning, root pruning, fertilizing, watering and all necessary work to protect existing trees and plant material from construction activities, followed by removal and disposal of protection materials upon project completion. Work shall be completed at locations shown on the plans or as directed by the Engineer in accordance with Section 201 of the Standard Specifications, for trees and plant material not authorized to be removed. This work item shall be considered incidental to construction and no further compensation will be allowed.



SECTION 2 – SPECIAL PROVISIONS

2.1 MOBILIZATION

Description. This work shall conform to Section 670 of the Standard Specifications and consist of any necessary preparatory work and operations necessary for the movement of personnel, equipment, supplies, and other incidentals to the project site.

Method of Measurement. Measurement for this work will be made on the basis of one lump sum.

Basis of Payment. This work will be paid for at the contract lump sum price for MOBILIZATION.

2.2 INLET AND PIPE PROTECTION

Description. This work shall conform to Section 280 of the Standard Specifications. This work shall conform to all requirements of Part IV in the General NPDES Permit No. ILR10. The management practices, controls, and other provisions contained in the erosion and sediment control plan must be at least as protective as the requirements contained in the Illinois Urban Manual.

Product samples shall be submitted to ownership for approval prior to construction.

Some accepted methods and manufactured products may not be approved or allowed for use. Specifically, the following products and practices will not be allowed:

- Wrapping inlet grate with geotextile filter fabric
- Use of “Dandy Bags” by Dandy Products
- Use of “Dandy Sacks” by Dandy Products

Use of “temporary” inlet filters which cover the inlet from flying debris may be approved in certain locations where deemed appropriate by the owner. This type of inlet protection will not be allowed where fine sediment suspended in water must be filtered nor will it be allowed when rainfall is anticipated during the inlet filter’s period of use.

Any deviation of installation practices from the standard details shall be submitted to the Engineer for approval prior to placement.

The Contractor shall name a person at the preconstruction meeting who shall be on the jobsite during construction and who shall be responsible for ensuring the erosion control work is completed in a timely manner.

Method of Measurement. This work will be measured for payment as each.

Basis of Payment. This work will be paid for at the contract unit price per each for INLET AND PIPE PROTECTION.



2.3 CONCRETE TRUCK WASHOUT

Description. This work shall consist of constructing and removing concrete truck washout basin(s) within the project limits.

Construction and materials shall be according to the details in the plans, erosions control plan, and as directed by the Engineer.

Disposal of the excavated material and concrete waste or any material required to construct the washout basin will be performed according to Article 202.03 of the IDOT Standard Specifications.

Upon removal of the washout basin, the disturbed ground shall be restored to the original or proposed grades, and materials. The restoration shall be completed with the materials specified in the plans for the adjacent areas.

Method of Measurement. Measurement for this work will be made on the basis of each.

Basis of Payment. This work will be paid for at the contract unit price per each for CONCRETE TRUCK WASHOUT.

2.4 SILT FENCE (PERIMETER EROSION CONTROL)

Description. This work shall conform to Section 280 of the IDOT Standard Specifications and as detailed on the plans. Revise the term silt filter fence to silt fence in said specifications.

Method of Measurement. Measurement for this work will be on a per lineal foot basis.

Basis of Payment. This work will be paid for at the contract unit price per LINEAL FOOT for SILT FENCE.

2.5 PAVEMENT REMOVAL

Description. This work shall conform to Section 440 of the Standard Specifications.

The area of pavement removal shall be according to the typical section that is referenced in the contract and shown on the plans. This may include bituminous, concrete, and brick surface edge milling, bituminous, concrete, and brick surface butt joints and bituminous, concrete, and brick surface full-width mill. Care must be taken such that bituminous and concrete joint faces remain vertical and are protected from spalling. In all cases where drop-offs exist, measures such as temporary wedges will be required, and the cost will be incidental to the final contract. Should the required depth of pavement removal result in the removal of aggregate base or soil under the bituminous, removal is paid for in this pay item as pavement material and no extra payment will be made.



The Contractor shall be responsible for the removal and disposal of all remaining waste materials.

Method of Measurement. Measurement for this work will be made on the basis of total square yards of pavement removed.

Basis of Payment. This work will be paid for at the contract unit price per square yard for PAVEMENT REMOVAL.

2.6 SIDEWALK REMOVAL

Description. This work shall conform to the applicable portions of Section 440 of the Standard Specifications.

The area of sidewalk removal shall be deep enough to accommodate both the new base stone and the new sidewalk. Re-grading of parkways, yards and other areas to accommodate revised sidewalk grades shall be incidental to this item and will not be considered for additional payment unless the elevation of the new sidewalk differs from the elevation of the old sidewalk by an elevation of more than 12" measured vertically. Areas near and adjacent to newly installed sidewalk shall be regarded to the satisfaction of the owner including any regarding of parkways.

In areas where the new sidewalk elevation differs from the old sidewalk elevation by more than 12", excavation of the parkways, sidewalk and any other required excavation work shall be paid for on a force account basis. IDOT force account requirements shall apply.

Care must be taken such that concrete joint faces remain vertical and are protected from spalling. In cases where drop-offs exceed 2 inches, measures such as temporary wedges may be required, and the cost will be incidental to the final contract.

Contractor shall be responsible for the removal and disposal of all waste materials.

Contractor shall take special care to the parkway during removals. Any damage done to sprinkler systems or invisible fencing shall be to responsibility of the contractor and no additional payment will be made.

Method of Measurement. This work will be measured for payment in place and the area computed in square feet.

Basis of Payment. This work will be paid for at the contract unit price per square foot for SIDEWALK REMOVAL.

2.7 COMBINATION CURB AND GUTTER REMOVAL

Description. This work shall conform to the applicable portions of Section 440 of the Standard Specifications.



This work shall include the careful removal of the concrete curb and gutter designated on the plans to be removed. The cost of saw cutting, where the removal is not to an existing joint, shall be included in the cost of the curb and gutter removal. The Contractor shall take care that a clean, neat edge is left without damaging the adjacent areas. Care must be taken such that concrete joint faces remain vertical and are protected from spalling. The area of curb and gutter removal shall be deep enough to accommodate both the new base stone and the new curb and gutter.

If the existing curb and gutter is wider than shown on the plans no addition payment will be made for removal. Contractor shall be responsible for the removal and disposal of all waste materials.

Contractor shall take special care to the parkway during removals. Any damage done to sprinkler systems or invisible fencing shall be to responsibility of the contractor and no additional payment will be made.

Method of Measurement. This work will be measured for payment in feet. The measurement will be made along the face of the curb.

Basis of Payment. This work will be paid for at the contract unit price per foot for COMBINATION CURB AND GUTTER REMOVAL

2.8 REMOVE VALVE VAULT, COMPLETE

Description. This work shall conform to Section 605 of the IDOT Standard Specifications and the details and standard shown in the plans.

Construction. Existing valve vault shall be removed and existing water mains saw cut, capped, and/or plugged in accordance with the details shown in the plans; at the locations shown on the plans, the City of Rockford Water Division Specifications, the Standard Specifications for Water and Sewer Main Construction in Illinois, latest edition, and the requirements of the Engineer. This item shall consist of furnishing and installing all material and providing all labor necessary to excavate, remove valve vault, cut and plug the existing water main (if necessary), and trench backfill shall be in accordance with IDOT Standard Specifications and City of Rockford Standards. This item will also include removal and proper disposal of all material required to complete the work. The Contractor shall remove the cast iron frame and cover from the vault structure and deliver to the City yards.

All fittings shall be furnished and installed in accordance with the City of Rockford Water Division specifications and the requirements of the Engineer. The contractor shall contact the inspector or project manager for approval of the removal, type and style of fittings required to complete the removal prior to bidding or the work being completed.

Method of Measurement. Measurement for this work will be per each.

Basis of Payment. This work will be paid for at the contract unit price per each for REMOVE VALVE VAULT, COMPLETE.



2.9 REMOVE FIRE HYDRANT, COMPLETE

Description. Existing fire hydrant shall be removed and existing water mains cut and plugged in accordance with the details shown in the plans and at the locations shown on the plans; in accordance to the City of Rockford Water Division Specifications, the Standard Specification for Water and Sewer Main Construction in Illinois and latest edition, and the requirements of the Engineer.

This item shall consist of furnishing and installing all material and providing all labor necessary to remove hydrant and cut and plug the existing water main with cement and/or remove tee in existing main and reconnect when applicable.

This item will also include removal and proper disposal of all material required to complete the work. The excavated hole shall be properly backfilled and shall include trench backfill where required. This item shall also include temporary or permanent surface restoration as required.

All fittings shall be furnished and installed in accordance with the City of Rockford Water Division specifications and the requirements of the Engineer. The contractor shall contact the inspector or project manager for approval of the removal, type and style of fittings required to complete installation prior to bidding or placing.

The contractor shall remove the hydrant and deliver to the City yards.

Method of Measurement. Measurement for this work will be per each.

Basis of Payment. This work will be paid for at the contract unit price per each for REMOVE FIRE HYDRANT, COMPLETE.

2.10 TREE REMOVAL, 6 TO 15 UNITS

2.11 TREE REMOVAL, OVER 15 UNITS

Description. This work shall consist of cutting, grubbing, removal and disposal of trees and stumps as directed by the Engineer, in accordance with Section 201 of the IDOT Standard Specifications. All other trees or plant material shall be protected.

Method of Measurement. Measurement for this work will be on a per unit diameter basis.

Basis of Payment. This work shall be paid for at the contract unit price per UNIT of TREE REMOVAL (6 TO 15 UNITS DIAMETER) and TREE REMOVAL (OVER 15 UNITS DIAMETER), which shall include all cutting, grubbing, removal and disposal of trees and stumps, materials, labor, equipment and appurtenances required to complete the work herein.

2.12 EXPLORATION EXCAVATION

Description. This work shall consist of performing exploratory excavations in locations shown on plans or reasonable locations within the site plan for construction.



It will be the responsibility of the Contractor to determine the exact locations requiring exploratory excavation. The size of the excavation required is to be determined by the contractor with owner or engineer approval. When Contractor deems it necessary to have an exploratory excavation they shall seek approval from the owner and engineer. Owner and engineer may request additional exploratory excavation as needed to complete project.

All exploratory excavations shall be observed by inspecting engineer.

Method of Measurement. This work will be measured for payment per cubic yard basis.

Basis of Payment. This work will be paid for at the contract unit price per cubic yard for EXPLORATORY EXCAVATION.

2.13 TRENCH BACKFILL

Description. This work shall be constructed in accordance with Division 11, Section 20 of the Standard Specifications for Water and Sewer Construction in Illinois, latest edition and City of Rockford Specification, latest edition.

All trenches shall be backfilled, from the bottom of the trench to the centerline of the pipe, with FA-6 or approved native material. The backfill material shall be deposited in the trench for its full width on each side of the pipe simultaneously, distributed evenly by hand, and compacted by tamping. All trenches shall be backfilled, from the centerline of the pipe to a depth of one (1) foot above the top of the pipe, with FA-6 or approved native material compacted by tamping. The contractor shall use special care in placing this portion of the backfill so as to avoid injuring or moving the pipes.

Granular backfill material (CA-6) is required under pavements, curbs, driveways, or sidewalks planned to be constructed within one (1) year after backfill. The area requiring such granular backfill shall be indicated in the plans. Where the excavation is made through or within two (2) feet of permanent pavements, curbs, driveways, or sidewalks, or where such structures are undercut by the excavation, or where such structures may reasonably be expected to be constructed over or within two (2) feet of the excavation within one (1) year after backfilling, the entire backfill to the subgrade of the structures shall be made with granular backfill material, as approved by the Engineer, placed in six (6) inch layers, loose measurement, and compacted to not less than ninety-five (95) percent of standard laboratory density in accordance with the requirements of ASTM Standard D-698.

Any materials excavated from the trenches which, in the opinion of the Engineer, are satisfactory backfill material, shall be used for backfilling of trenches. Such excavated material used for backfill will not be paid for under this item but should be included in the various excavations and utility bid items.

Warranty - The contractor shall guarantee against settlement throughout this project for a period of three (3) years after completion of the project. The Contractor shall repair any settlement that occurs within (3) year guarantee period.

This work shall include the cost of material and hauling of material to and from the site.

Method of Measurement. Measurement for this work will be per cubic yard basis.



Basis of Payment. This work will be paid for at the contract unit price per Cubic Yard for TRENCH BACKFILL.

2.14 PARKWAY RESTORATION

Description. This work shall conform to Section 250 of the Standard Specifications and consist of repairing disturbed areas.

Construction. Disturbed areas to be provided with 4" of topsoil and seeding. Seeding material shall be indigenous to Winnebago County, meet with the requirements of Article 1081.04. Topsoil material shall be indigenous to Winnebago County, meet with the requirements of Article 1081.05 of the Standard Specifications, and have no more than 55 percent sand content as determined in accordance with AASHTO T88. Seeding method shall consist of applying seed, fertilizer and wood mulch hydraulically on prepared seedbed in accordance with IDOT Section 250 and 251 in so far as said sections apply. Erosion control blankets must be installed at all disturbed areas and meet with the requirements of Article 1081.10 of the standard Specifications.

Any water service boxes in parkway areas to be restored must be ed to the proper height prior to seeding. Contractor must contact the owner prior to parkway restoration if a valve box is not adjustable or is broken. If replacement parts are required, contractor shall contact owner for supply of new parts.

Guarantee. All seeded areas shall be maintained for at least 30 days after application. Seeding that is required by the Owner after October 10 must meet the following guarantee the following spring. Scattered bare spots no larger than 0.25 square feet (6" X 6") will be allowed up to a maximum of 5% of any seeded area including 30-day maintenance and mowing.

Method of Measurement. This work will be measured for payment as one single Lump Sum.

Contractor acknowledges that the nature of this project requires varying scopes of work at many locations throughout a large area. As such, no additional payment will be made on this lump sum item for any location additions or deletions or changes in scope of work at any particular location.

Basis of Payment. This work will be paid for at the contract unit price per lump sum for PARKWAY RESTORATION.

2.15 CLSM ENGINEERED FILL

Description. This work shall consist of the filling of existing 16-inch and 20-inch water mains to be abandoned on East State St per the plans with low-strength engineered fill.

Construction. Engineered fill shall be supplied by Elastizell Corporation, or approved equal and pumped into the abandoned water main pipes upon successful installation of startup of newly installed water main on East State St. Installation of Engineered Fill material into water



main to be abandoned shall not take place without Owner or Engineer present to oversee operations.

Method of Measurement. Measurement for this work will be per cubic yard.

Basis of Payment. This work will be paid for at the contract unit price per cubic yard for CLSM ENGINEERED FILL.

2.16 P.C.C. SIDEWALK, 4"

Description. This work shall consist of construction Portland cement concrete sidewalk and sidewalk accessibility ramps on a prepared subgrade in accordance with Section 424 of the Standard Specifications and the details in the plans.

Subgrade Preparation: Add the following to Article 424.04 of the Standard Specifications: concrete shall not be placed on soft, muddy, frozen or non-compacted subgrade or subbase.

Finishing: The surface shall be scored according to the plan details, or if not otherwise specified, in five (5) foot squares with a directional broom finish. Tooled joints, which are at right angles to the edge of walk should be placed according to the scoring pattern as indicated on the plans, or if not otherwise specified, at five (5) foot intervals. These joints shall be at least 1 ½ inches deep and not less than 1/8 inches wide, but no more than ¼ inches wide.

Expansion Joints: Add the following to Article 424.07 of the Standard Specifications: Expansion and contraction joints shall be placed in prolongation with adjacent pavements. They shall also be placed between the new sidewalks and the existing pavements, new sidewalks and existing buildings, and at intervals at 50 feet. Asphalt joints or fiber joints with rubber joint sealer may be used.

Curing and Protection: Curing and protection shall be in accordance with Article 1020.13 of the Standard Specifications.

Curb Ramps: Add the following to Article 424.08 of the Standard Specifications: Sidewalks at curb ramps shall be thickened to 8" and include welded wire fabric. The additional thickness for curb ramps and reinforcement shall be included in the cost and shall include all labor and materials to install the walk as shown herein and as directed by the Engineer.

Any curb and gutter needed to be modified due to ADA curb ramps shall be saw cut to depressed curb using a curb cut machine and shall be incidental to this item.

All sidewalks to be installed shall conform to all applicable laws and regulations including, but not limited to, newly revised PROWAG requirements. In cases where legal requirements may conflict, the Owner shall choose the governing regulation to follow. The Contractor must be knowledgeable of PROWAG and ADA regulations and shall provide assistance to the Owner in the design of all sidewalk installations at no additional cost to the Owner. Assistance may include but is not limited to field assistance in measuring sidewalk grades, staking and layout



of curb ramps, verification of PROWAG compliance and final grade checks of formwork prior to the placement of concrete material.

Alley and Driveway Approaches: Sidewalk will be thickened to 8" and base course thickened to 4" through alley approaches and shall be reinforced with welded wire fabric reinforcing steel equal to or better than 6"x 6" D8.0/D8.0. The additional material and welded wire fabric reinforcing steel will be incidental to this item.

Utility Adjustments: Any water service boxes, valves, manholes, hand holes or other utility device in sidewalk areas must be adjusted to the proper height prior to the sidewalk placement. Contractor must contact the Owner prior to concrete placement if a valve box or other utility device is not adjustable or is broken. If replacement parts are required, the Contractor shall contact the Owner for supply of new parts. Valve boxes to be set in concrete must have a protective cone installed.

Parkway Restoration: Any parkway restoration required by the installation of sidewalk shall be considered incidental to this contract and will not be considered for additional payment.

Method of Measurement. This work will be measured for payment in place and the area computed in square feet. Curb ramps will be measured for payment as sidewalk.

Basis of Payment. This work will be paid for at the contract unit price per square foot for P.C.C. SIDEWALK, 4", which price shall include subgrade preparation and Aggregate Base Course Type B.

2.17 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.5"

Description. This work shall be constructed in accordance with Section 406 of the Standard Specifications and as modified herein. Recycled material will not be allowed in the surface mix unless an equivalent or superior IDOT-approved mix with RAP is approved by the Owner.

Construction. Mix designs and verification of IDOT certification must be submitted to the City for approval prior to Notice to Proceed on contract.

In locations where the HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.5" is being placed directly over a milled surface this item must be placed as soon as possible after pavement removal to maintain both safety and the road base and in no case more than 5 calendar days after pavement is disturbed.

Tack Coat for Brick, Concrete, or HMA Bases: the bituminous material shall be prepared according to Article 403.05 and applied per Article 403.10 and 406.05(b) of the Standard Specifications. Tack Coat shall not be measured for separately but shall be considered in the unit cost bid for HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.5".

Weeds and debris within the curb and gutter limits must be properly removed before any paving occurs.



Vibrating Rollers will not be allowed on residential streets unless specified by the Owner. In the absence of a vibratory roller on streets, densities shall be 93% minimum unless specified by the Owner.

Method of Measurement. This work will be measured for payment in place and the area computed in square yards. The width of the measurement shall be the width of the top HMA lift as shown in the plans or approved by the Engineer. Bituminous Materials (Tack Coat) will not be measured separately for payment but shall be considered in the unit cost bid for HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.5".

Basis of Payment. This work will be paid for at the contract unit price per square yard for HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.5".

2.18 CLASS B PATCH, 10"

Description. This work shall consist of necessary excavation, sub-base preparation, and PCC pavement patching and shall be constructed in accordance with Section 442 of the Standard Specifications, Standard 442101-09 Method II, and as modified herein.

Construction. Mix designs and verification of IDOT certification must be submitted to the City for approval prior to Notice to Proceed on contract.

Concrete patches shall be tied to the adjacent lanes of pavement, PCC shoulders, and curb and gutter in accordance with Article 442.06(2). Transverse contraction joints with dowel bars at 12-inch centers shall be constructed with a typical spacing of 15-feet. The contractor shall align contraction joints in patches with contraction joints in adjacent pavements.

Method of Measurement. This work will be measured for payment in place and the area computed in square yards, regardless of the size and type of patch. The width of the measurement shall be the width of the patch as shown in the plans or approved by the Engineer. Dowel bars, tie bars, expansion joints will not be measured separately for payment, but shall be considered included in the unit cost bid for CLASS B PATCH, 10".

Basis of Payment. This work will be paid for at the contract unit price per square yard for CLASS B PATCH, 10".

2.19 COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18 (MODIFIED)

Description. This work shall conform to the applicable portions of Section 606 of the Standard Specifications.

One inch (1") Ceramer expansion joint material or an Engineer approved equal, shall be installed at 100 foot intervals, at all radii and 5 feet either side of inlets when not at radii. Each expansion joint shall be finished with an Engineer approved caulking material that fills the void between the Ceramer expansion joint material and the face of the curb. Aggregate required under the curb shall be the thickness shown on the plans and shall be included in the unit cost per foot of concrete curb and gutter.



Pavement removal and replacement for combination concrete curb and gutter construction shall be included in the cost for the combination concrete curb and gutter. If sawcut is less than 4' wide from pavement edge, pavement section must be filled with concrete base course to 2" below surface and finished with a layer of hot-mix asphalt pavement. Otherwise-pavement section may match existing pavement section.

Expansion joints, aggregate under the curb & gutter (4" minimum depth), curb and gutter removal, necessary pavement removal, and pavement replacement (to an elevation two inches below the new curb and gutter flag) shall be required and shall be incidental to this item.

Replacement of curb and gutter must be completed and cured before milling operations on the adjacent bituminous pavement.

Method of Measurement. This work will be measured for payment in feet in accordance with Article 606.14(b).

Basis of Payment. This work will be paid for at the contract unit price per foot for COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18 (MODIFIED).

2.20 DUCTILE IRON WATER MAIN COMPLETE, 8"

2.21 DUCTILE IRON WATER MAIN COMPLETE, 12"

2.22 DUCTILE IRON WATER MAIN COMPLETE, 16"

Description. This work shall be furnished, installed, and tested in accordance with the City of Rockford Water Division Specifications and the requirements of the Engineer. All water mains shall be made from ductile iron or an approved equal material. All fittings (bends, tees, reducers, crosses, plugs, and gaskets) required to complete this installation shall be as shown upon the plans or as directed by the Engineer with all costs incidental to the unit cost for Ductile Iron Water Main of the diameter indicated.

The pipe shall be cement mortar lined inside conforming to AWWA Standard C104, an external zinc basecoat, and an external bituminous topcoat. Pipe joints on straight runs of main shall be push-on type. All joints on fittings, valves, and bends shall be mechanical type. Thrust restraint shall be provided by thrust blocks wherever there is a change in horizontal direction, tees, and on dead ends. On vertical down and vertical up bends and reducers, restrained glands are required.

The exterior of the ductile iron pipe shall be coated with the ac-sprayed zinc per ISO 8179. The mass of the zinc is to be 200 g/m² of pipe surface area. A bituminous top coat shall be provided on top of the zinc. The zinc coating of the water main shall be included in the lineal foot unit price of the water main.

V-Bio Polyethylene Encasement (V-Bio Poly-Wrap) shall be furnished and installed on all Ductile Iron Water main and associated valves, hydrant lines, fittings, and appurtenances. This work shall be done according to the requirements of AWWA C105, the requirements of the City of Rockford Water Division Specifications – latest revision, and as detailed on the plans.



Tube form V-Bio Poly-Wrap is required, 8 mil minimum thickness.

Where V-Bio Poly-Wrapped water main joints existing unwrapped water main, the V-Bio Poly-Wrap shall be extended at least 3 feet onto the unwrapped pipe with the ends sealed with adhesive tape.

All cuts, tears, or damage to the V-Bio Poly-Wrap shall be repaired with adhesive tape or with a short section of additional V-Bio Poly-Wrap wrapped around the pipe over the damaged area and secured in place.

The contractor shall provide all materials, labor, equipment, and all other incidentals necessary to install V-Bio Poly-wrap with all costs incidental to the unit cost for Ductile Iron Water Main of the diameter indicated.

Method of Measurement. Measurement for this work will be per linear foot in place. All fittings required for water main will not be measured separately but shall be included in the cost of the associated water main.

Basis of Payment. This work will be paid for at the contract unit price per linear foot for DUCTILE IRON WATER MAIN COMPLETE, 8", DUCTILE IRON WATER MAIN COMPLETE, 12", and DUCTILE IRON WATER MAIN COMPLETE, 16". Price shall include bedding, V-Bio poly wrap, zinc coating, valves, COR-Blue bolts, all fittings, backfill, flushing, disinfection, and testing, not included in other pay items in this contract.

2.23 CUT AND CAP EXISTING WATER MAIN, 6"

2.24 CUT AND CAP EXISTING WATER MAIN, 8"

2.25 CUT AND CAP EXISTING WATER MAIN, 12"

2.26 CUT AND CAP EXISTING WATER MAIN, 16"

Description. This work consists of abandoning existing water main by creating a disconnection at the locations shown on the plans and as directed by the Engineer. This work shall be done after the new water main and services have successfully passed, are in service and been accepted by the City and Engineer.

A minimum of 48 hours prior to excavating, the contractor shall contact the City and coordinate the shutdown of the water main. Only City staff shall operate water valves. Contractor shall not proceed with this work until authorized by the City. Contractor shall plan and complete work to minimize water main shutdown.

All work shall be in accordance with the "Standard Specifications for Water and Sewer Main Construction in Illinois Specifications", latest edition, the City of Rockford Standards.

Construction. For the disconnection, a section of the existing water main pipe shall be cut for a minimum of 3 feet and removed. If this coincides with the location of a valve or fitting, remove and dispose of valve, valve box, vault and fitting. The ends of the water main to remain in service shall be disinfected with sodium hypochlorite and capped. Restrained



glands as described in the water main section shall be required. The end of water main to be abandoned shall then be plugged with 2' of Portland cement concrete, or a minimum of the pipe diameter. For the thrust restraint, a section of plywood (minimum $\frac{3}{4}$ " thick) or steel plate shall be placed against the end of the abandoned water main and a Portland cement concrete thrust block shall be poured between the abandoned water main and water main to remain in service. Alternately, the thrust block shall be poured against undisturbed trench wall.

Method of Measurement. Measurement for this work will be per each location that the existing water main is cut and cap from the abandoned water main.

Basis of Payment. This work will be paid for at the contract unit price per EACH location that the EXISTING WATER MAIN IS CUT AND CAP from the abandoned water main. This shall include excavation; removal of the existing ductile iron pipe; disinfection of water main end to remain; capping or plugging the water main to remain active, plugging with concrete the water main to be abandoned; pipe restraint with poured concrete; backfilling; trench backfill under and within 5' of pavement; disposal of excess material; and all incidental work required to create the disconnection from the water main to remain.

2.27 STORM SEWER, WATER MAIN QUALITY, COMPLETE, 30"

Description. This item shall be in accordance with the latest editions of the Standard Specifications for Water and Sewer Main Construction in Illinois, and the current Environmental Protection Agency regulations. The construction of this item shall conform to IDOT Standard Specifications.

This item shall only be utilized as a contingency pay item. Use of this pay item is subject to written authorization by Owner.

Construction. All "Water Main Equivalent Pipe" shall be pressure tested to the maximum expected surcharge head and conform to Section 653.119, I, C, from Title 35, Subtitle F, Chapter II, of the Illinois Administrative Code. All ends shall be sealed in accordance with these plans and the City of Rockford Water Division requirements.

Method of Measurement. Measurement for this work shall be per foot in place.

Basis of Payment. This work will be paid for at the contract unit price per foot for STORM SEWER, WATER MAIN QUALITY, COMPLETE, 30".

2.28 GATE VALVE AND VALVE BOX, COMPLETE, 8"

Description. Gate valve shall be installed in accordance with the City of Rockford Water Division requirements, 602 of the IDOT Specifications, and standards herein. This item shall include the gate valve and valve box, and all fittings necessary or required to complete installation.



Valves and valve boxes shall be furnished and installed in accordance with the City of Rockford Water Division specifications and the requirements of the Engineer. The contractor shall contact the Water Division Superintendent or their representatives for approval of grade, type and style of valves and fittings required to complete installation prior to bidding or placing.

Method of Measurement. Measurement for this work will be per each.

Basis of Payment. This work will be paid for at the contract unit price per each for GATE VALVE AND VALVE BOX COMPLETE, 8".

2.29 BUTTERFLY VALVE AND VALVE BOX, COMPLETE, 12"

2.30 BUTTERFLY VALVE AND VALVE BOX, COMPELTE, 16"

Description. This work shall consist of furnishing all labor, equipment and material necessary to install 16" Butterfly Valves, complete with valve boxes at locations shown on the plans or as directed by the Engineer in accordance with the City of Rockford Water Main Specifications, Section 12 and Section 602 of the IDOT Standard Specifications.

Construction. Valve boxes shall be Tyler/Union cast iron 6850 series, with "WATER" imprinted on the top cover with a debris cap and with an Adapter II by Adaptor Inc. installed.

The cost of the valve, valve box, butterfly valve adaptor support, and trench backfill, where applicable, shall be included in the contract unit price bid for this item.

Method of Measurement. Measurement for this work will be per each in place.

Basis of Payment. This work will be paid for at the contract unit price per each for BUTTERFLY VALVE AND VALVE BOX, COMPLETE, 12", BUTTERFLY VALVE AND VALVE BOX, COMPELTE, 16", which price shall include any labor, materials, and trench backfill necessary for complete installation.

2.31 FIRE HYDRANT WITH 6" VALVE AND VALVE BOX, COMPLETE

Description. Fire hydrant shall be installed in accordance with the City of Rockford Water Division requirements and standards herein. This item shall include the hydrant, valve and box, blocking, trench backfill, V-Bio poly wrap, sufficient lead to make the connection, and making the connection to the tee or main, whichever is required.

Valves and valve boxes shall be furnished and installed in accordance with the City of Rockford Water Division specifications and the requirements of the Engineer. The contractor shall contact the Water Division Superintendent or his representatives for approval of grade, type and style of valves and fittings required to complete installation prior to bidding or placing.

Hydrant shall have a Harrington Integral Hydrant Storz nozzle installed on hydrants during assembly and shall meet or exceed the requirements of AWWA C502 regarding material and pressure testing. The Storz nozzle shall have a brass metal face seal and hard-anodized aluminum Storz ramps and lugs. The aluminum's finish shall be hard coat anodized to Mil-A-



8625f, Type 3, dark gray. The adapter shall be made of forged or extruded 6061-T6 aluminum. The blind cap shall have hard-anodized aluminum Storz ramps and lugs, made of forged or extruded 6061-T6 aluminum. The center cap shall be equipped with a suction seal. The cap shall be connected to the adapter of the hydrant with a 0.15" vinyl coated aircraft cable.

Method of Measurement. Measurement for this work will be per each.

Basis of Payment. This work will be paid for at the contract unit price per each for FIRE HYDRANT WITH 6" VALVE AND VALVE BOX, COMPLETE.

2.32 WATER SERVICE (OPEN-CUT), COMPLETE, 1"

2.33 WATER SERVICE (OPEN-CUT), COMPLETE, 2"

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

This pay item shall include the excavation, furnishing and installation of new water service and the necessary appurtenances to construct a water service, disconnection and reconnection of old service, removal of old b-box, and backfilling. The typical water service consists of a corporation stop valve, copper tubing, a curb stop valve, buffalo box, and a mechanical brass union to connect to the existing water service line. Any water service line 6" or larger shall utilize a 6" gate valve and valve box in place of the curb-stop valve. This 6" gate valve and valve box shall be considered incidental to the price of the water service pay item.

Should a private lead water service be discovered during the installation of the new public water service line, there shall be an 18 inch section of HDPE water service line installed on the private side of the curb-stop valve to reconnect the service to the existing private lead water service. No existing lead water service line shall be tied directly into a newly installed curb-stop valve. The cost of this work, including necessary fittings for the connections, shall be considered incidental to this pay item. All existing lead water service lines shall have their location documented with the Owner and Engineer.

Buffalo boxes shall be placed on the right of way line. If the building is a zero lot line, the box location shall be discussed and approved with the inspector or engineer prior to installation.

Disconnection and abandonment of the existing water services and disconnection and reconnection of existing sewer services shall be included in this pay item. No additional payments will be made.

All buffalo boxes for irrigation services shall be placed within 12" of the main. This location shall be discussed and approved with the inspector or engineer prior to installation.

Please note, water services to vacant lots must be discussed with inspector or engineer prior to installation.

All water services are required to be installed/tapped by a licensed plumber and inspected by the City of Rockford (Building Department) prior to backfilling. A crimping tool shall not be



used to temporarily stop a water service, except in an emergency. If a crimping tool is used to stop a service line, the final repair shall be as directed by the Engineer, but in no case shall un-crimping the line be allowed.

Method of Measurement. Measurement for this work will be per each.

Basis of Payment. This work will be paid for at the contract unit price per each for WATER SERVICE (OPEN-CUT), COMPLETE, 1", WATER SERVICE (OPEN-CUT), COMPLETE, 1.5", WATER SERVICE (OPEN-CUT), COMPLETE, 2".

2.34 WATER SERVICE (OPEN-CUT), COMPLETE, 4"

2.35 WATER SERVICE (OPEN-CUT), COMPLETE, 6"

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

This pay item shall include the excavation, furnishing and installation of new water service and the necessary appurtenances to construct a water service, disconnection and reconnection of old service, removal of old b-box, and backfilling. The typical water service consists of a tee connection, zinc coated ductile iron pipe, V-Bio Poly-Wrap, gate valve and valve box, and all fittings required to install and connect to the existing service lines. Gate valves and valve boxes shall be considered incidental to the price of the water service pay item.

Valve boxes shall be placed on the right of way line. The 4" service shall reduce after the valve at property and connect to the 3" existing service line as shown on the plans.

Disconnection and abandonment of the existing water services and disconnection and reconnection of existing sewer services shall be included in this pay item. No additional payments will be made.

Please note, water services to vacant lots must be discussed with inspector or engineer prior to installation.

All water services are required to be installed/tapped by a licensed plumber and inspected by the City of Rockford (Building Department) prior to backfilling. A crimping tool shall not be used to temporarily stop a water service, except in an emergency. If a crimping tool is used to stop a service line, the final repair shall be as directed by the Engineer, but in no case shall un-crimping the line be allowed.

Method of Measurement. Measurement for this work will be per each.

Basis of Payment. This work will be paid for at the contract unit price per each for WATER SERVICE (OPEN-CUT), COMPLETE, 4", WATER SERVICE (OPEN-CUT), COMPLETE, 6". Price shall include bedding, V-Bio poly wrap, zinc coating, valves, COR-Blue bolts, all fittings, and backfill not included in other pay items in this contract.



- 2.36 CONNECT TO EXISTING 4" WATER MAIN, COMPLETE**
- 2.37 CONNECT TO EXISTING 6" WATER MAIN, COMPLETE**
- 2.38 CONNECT TO EXISTING 8" WATER MAIN, COMPLETE**
- 2.39 CONNECT TO EXISTING 12" WATER MAIN, COMPLETE**
- 2.40 CONNECT TO EXISTING 16" WATER MAIN, COMPLETE**

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

This work shall consist of furnishing and installing all material and providing all labor necessary to connect the proposed water main to the existing water system, the removal of existing water main for connection purposes, and capping or plugging the existing 8" water main to be abandoned. All workmanship and materials shall conform to the City of Rockford Water Division Specifications latest revisions.

Please note, all temporary connections for flushing and/or isolation purposes shall be included in this pay item with all costs incidental to the unit cost for CONNECT TO EXISTING 6" WATER MAIN, COMPLETE, and CONNECT TO EXISTING 12" WATER MAIN, COMPLETE.

Method of Measurement. Measurement for this work will be per each in place connection.

Basis of Payment. This work will be paid for at the contract unit price per each for CONNECT TO EXISTING 6" WATER MAIN, COMPLETE, CONNECT TO EXISTING 8" WATER MAIN, COMPLETE, CONNECT TO EXISTING 12" WATER MAIN, COMPLETE, and CONNECT TO EXISTING 16" WATER MAIN, COMPLETE. Price shall include bedding, V-Bio poly wrap, valves, tapping sleeves, service reconnections, and all fittings and backfill not included in other pay items in this contract.

- 2.41 WATER MAIN PROTECTION, STEEL CASING, 16"**
- 2.42 WATER MAIN PROTECTION, STEEL CASING, 20"**
- 2.43 WATER MAIN PROTECTION, STEEL CASING, 30"**

Description. This work shall conform to the applicable articles of current, Rockford Water Division Specifications, Standard Specifications for Water and Sewer Main Construction in Illinois, and the requirements of the Engineer. All labor and materials required to complete the work under this pay item shall be included in the pay item.

Construction. This pay item shall only be used where permitted on the design plans. The casing shall be continuous either by one-piece fabrication or by field welded joints done in accordance with AWWA C206. The steel casing material shall have a minimum yield strength of 241,325 kpa (35,000 psi), and the following minimum wall thickness:

Under 350 mm (14 in)	4.8mm (0.188 in)
350 mm to 400 mm (14 to 16 in)	6.4 mm (0.250 in)
450 mm (18 in)	6.4 mm (0.250 in)
500 mm (20 in)	6.4 mm (0.250 in)
600 mm (24 in)	7.9 mm (0.312 in)



750 mm (30 in)	7.9 mm (0.312 in)
900 mm (36 in)	9.5 mm (0.375 in)
1050 mm (42 in)	9.5 mm (0.374 in)
1200 mm (48 in)	9.5 mm (0.375 in)

The casing pipe shall have a minimum cover of 6 feet from the bottom of the pavement to the top of the casing pipe. The ends of the casing pipe shall be sealed with either: brick and mortar, concrete, or synthetic rubber and seals specifically made for this purpose.

Casing spacers shall be used that have been sized precisely for the individual installation. The maximum allowable movement resulting from the spacer installation shall be 51 mm (2 in) in any direction within the casing pipe. The spacers shall be installed at a minimum of 10-foot intervals. If the carrier pipe sections measure less than 10 feet in length, provide a minimum of two (2) spacers per pipe section.

Method of Measurement. Measurement for this work will be per foot.

Basis of Payment. This work will be paid for at the contract unit price per foot for WATER MAIN PROTECTION, STEEL CASING, 16", WATER MAIN PROTECTION, STEEL CASING, 20", WATER MAIN PROTECTION, STEEL CASING, 30".

2.44 WATER MAIN LINE STOP, 12"

Description. This work shall consist of furnishing and installing a water stop for the existing water main. This item will only be used where shown on the plans and if a workable shutdown cannot be maintained and must be deemed necessary and approved by the owner and engineer.

Construction. The contractor shall tap the existing water main at the locations indicated on the plans or by the engineer and plug the existing water main with a rubber bladder or flap type to isolate the existing water main during construction of water main abandonment and/or improvements.

Prior to placing the line stop, the water main to which the line stop sleeve will be attached shall be disinfected with chlorine. The line stop sleeve shall be disinfected with chlorine prior to placement on the disinfected water main. Furthermore, the line stop plug, wedge, or folding hinge shall be disinfected with chlorine prior to inserting the plug into the live water main.

Contractor shall demonstrate the success of a line stop prior to removing the bolts or wedges from down gradient mechanical fittings. Nuts may be partially removed and water under pressure released at a water main fitting. If flow from the loosened fitting remains constant or indicates qualities of being under pressure, the Contractor shall reset or reconstruct line stop at their expense.

The Engineer shall observe the Contractor's demonstration of line stop success in removing flow and pressure for the area of water main to be exposed and worked on.



Basis of Payment. This work shall be paid for at the contract unit price per each for WATER MAIN LINE STOP, 12".

- 2.45 **INSERTION VALVE, COMPLETE, 6"**
- 2.46 **INSERTION VALVE, COMPLETE, 8"**
- 2.47 **INSERTION VALVE, COMPLETE, 12"**
- 2.48 **INSERTION VALVE, COMPLETE, 16"**

Description. This work shall consist of furnishing an insertion valve for the existing six-inch (6"), eight-inch (8"), twelve-inch (12"), and/or sixteen-inch (16") water main without shutdown. All manufacturer specifications and submittals shall be submitted to the Engineer for review and approval prior to installation. All materials shall meet applicable AWWA and ASTM standards. Please note that the six-inch (6"), eight-inch (8"), twelve-inch (12"), and/or sixteen-inch (16") insertion valve may not be utilized depending on existing conditions.

Buried Insertion Valves shall be non-rising stem, and wrench operated. The valve assemblies shall be furnished complete and adequate for the specified or shown purpose, and shall include all essential components of equipment, together with all mountings and other appurtenances for proper operating adjustments and setting, and for freedom from vibration, binding, scraping, and other defects. Upon installation, the contractor shall also open and close the valve under pressure in the presence of the owner.

Construction. Prior to placing the valve, the water main to which the insertion valve apparatus will be attached to shall be disinfected with chlorine. The insertion valve apparatus sleeve shall be disinfected with chlorine. Furthermore, the insertion valve shall be disinfected with chlorine prior to inserting the valve into the live water main.

All Insertion Valves and miscellaneous components shall be new, free from defects or contamination, and wherever possible shall be the standard product of the manufacturer. All Insertion Valves shall be provided as shown in the plans, schedules, and as specified herein.

Basis of Payment. This work will be paid for at the contract unit price per each for INSERTION VALVE, COMPLETE, 6", INSERTION VALVE, COMPLETE, 8", INSERTION VALVE, COMPLETE, 12", INSERTION VALVE, COMPLETE, 16",

2.49 **PAINT PAVEMENT MARKINGS**

Description. This work shall conform to Section 780 of the IDOT Standard Specifications.

Construction. Pavement markings shall be installed upon completion of installation of Surface Course, but prior to removal of traffic control devices. Pavement marking shall be completed within State of Illinois Right-of-Way limits on Park Avenue.

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

Basis of Payment. This work will be paid for at the contract unit price per lump sum for PAINT PAVEMENT MARKINGS.



2.50 TRAFFIC CONTROL AND PROTECTION, SPECIAL

Description. This work shall consist of furnishing, installing, maintaining, relocating, and removing work zone traffic control and protection in accordance with Section 701 of the Standard Specifications, standard details shown in the plans and the IDOT approved traffic control plan regarding IL RT-2.

Equipment. This includes all signs, signals, temporary pavement markings, other required traffic control markings, barricades, warning lights, and other devices which are to be used to regulate, warn or guide traffic during construction of this improvement in addition to Article 701.03 of the Standard Specifications.

General. All work shall be in conformance with the current edition of the Illinois Department of Transportation's Manual on Uniform Traffic Control Devices for Street and Highways.

Add the following to Section 701:

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

Traffic control devices may not be delivered to the site more than 5 days prior to installation of the devices and must be removed from the site within 5 days after the required installation is complete.

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

All advance warning signs for lane closure, intermediate information signs and standard signs shall be installed in accordance with Illinois Highway Standard 702001-02. Cones will not be allowed as a traffic control device.

The "WORKERS" (W21-1a(0)-48) signs shall be replaced with symbol "Right or Left Lane Closed Ahead" (W4-2R or L (0)- 48) signs.

Daily or periodic lane closures shall be erected no earlier than 9:00 AM and shall be removed no later than 3:30 PM regardless of the day of the week. In the event that a lane closure will remain for more than one calendar day, the Contractor shall notify the Engineer at least 6 hours in advance. Emergency lane closures shall be erected and removed at the explicit direction of the Engineer.



All advance warning signs and traffic control devices shall be removed or covered by the Contractor when such signs and devices are not in effect or at the direction of the Engineer.

The basic layout for traffic control devices will be in accordance with the Traffic Control Plans and Details as indicated in the Plans and Specifications

The Contractor will be responsible for the maintenance of all traffic control devices installed by him as designated in the Plans and Specifications or as required by the Engineer. The Contractor will provide surveillance of all barricades, barrels, warning signs and lights which he has installed on a 24-hour a day basis for each day of this contract. In the event of severe weather conditions, the Contractor shall be required to furnish any additional personnel required to maintain all traffic control devices as required by the Engineer. Surveillance shall mean checking control devices periodically, but not less than once every 12 hours.

The Contractor shall provide the City of Rockford with the name, address and telephone number of two (2) persons who will be responsible for maintaining the traffic control devices and who will be available to the City on an immediate basis 24 hours a day. If, for any reason, one or both of the persons become unavailable, the Contractor shall furnish the same information for other individuals who will be available.

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

During any construction, a minimum of one twelve (12) foot traffic lane in each direction shall be maintained. Any deviation from this requirement shall be approved by the Engineer, with detour signing provided by the Contractor at the request of the Engineer. No extra compensation will be allowed for detour signing.

Contractor acknowledges that the nature of this project requires varying scopes of work at many locations throughout a large area. As such, no additional payment will be made on this lump sum item for any location additions or deletions or changes in scope of work at any particular location, including the required detouring of traffic from E State Street during the required work for the connection of the newly installed main on N Water Street to the existing water main on E State Street. Wheelchair access on N Water Street and access to underground parking at 124 N Water Street shall be maintained at all times.

No construction materials are to be stored in existing parking areas.

Contractor shall ensure that any boring pits are located so that a minimum of 2' of clear space exists between barrier walls and the pit excavation.

Method of Measurement. This work will be measured for payment on a lump sum basis.

Basis of Payment. This work will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, SPECIAL.



2.51 NON-SPECIAL WASTE DISPOSAL

Description. This work shall conform to the applicable portions of Section 669 of the Standard Specifications and shall only be utilized as a contingency pay item. Use of this pay item is subject to written authorization by Owner.

Method of Measurement. This work will be measured for payment per Cubic Yard basis.

Basis of Payment. This work will be paid for at the contract unit price per Cubic Yard for NON-SPECIAL WASTE REMOVAL.

2.52 SPECIAL WASTE DISPOSAL

Description. This work shall conform to the applicable portions of Section 669 of the Standard Specifications and shall only be utilized as a contingency pay item. Use of this pay item is subject to written authorization by Owner.

Method of Measurement. This work will be measured for payment per Cubic Yard basis.

Basis of Payment. This work will be paid for at the contract unit price per Cubic Yard for SPECIAL WASTE DISPOSAL.

2.53 SPECIAL WASTE PLANS AND REPORTS

Description. This work shall conform to the applicable portions of Section 669 of the Standard Specifications and shall only be utilized as a contingency pay item. Use of this pay item is subject to written authorization by Owner.

Method of Measurement. This work will be measured for payment on a lump sum basis.

Basis of Payment. This work will be paid for at the contract unit price per lump sum for SPECIAL WASTE PLANS AND REPORTS.

2.54 SOIL DISPOSAL ANALYSIS

Description. This work shall conform to the applicable portions of Section 669 of the Standard Specifications and shall only be utilized as a contingency pay item. Use of this pay item is subject to written authorization by Owner.

Method of Measurement. This work will be measured for payment per each basis.

Basis of Payment. This work will be paid for at the contract unit price per each for SOIL DISPOSAL ANALYSIS.

2.55 TEMPORARY SHORING AND CRIBBING



Description. Temporary shoring and cribbing shall be designed by the Contractor as a minimum, to retain the exposed surface area needed by the Contractor to complete the work. Design computations and shop drawings shall be submitted according to Article 522.05.

Temporary shoring and cribbing shall be installed according to the Contractor's submitted design prior to commencing any related excavation. If unable to install the temporary shoring and cribbing specified in the submitted design, the Contractor shall re-evaluate the adequacy of the design. The Contractor shall not excavate below the maximum excavation line shown in the submitted design.

Payment for all excavation, disposal of unstable and/or unsuitable material, and disposal of temporary shoring and cribbing and/or its components will not be paid for separately but shall be included in the unit bid price for this item.

This work shall conform to the applicable portions of Section 669 of the Standard Specifications and shall only be utilized as a contingency pay item. Use of this pay item is subject to written authorization by Owner.

Method of Measurement. This work will be measured for payment per on a lump sum basis.

Basis of Payment. This work will be paid for at the contract unit price per lump sum for TEMPORARY SHORING AND CRIBBING.

2.56 WATER VALVES ADJUSTMENT

Description. This work shall include the adjustment of water valves to grade where 18 inches or less of pavement will be either added, removed, or rebuilt to bring the specified casting to the finished grade of the proposed improvement. Structures shall not contain more than 12 inches of adjustment rings. The contractor shall supply new cone section of the structure if additional adjustment rings causes height to be above 12 inches. New castings shall be supplied by the Contractor as outlined in the Plans otherwise the existing casting shall be re-used.

Method of Measurement. This work will be measured for payment per each basis.

Basis of Payment. This work will be paid for at the contract unit price per each for WATER VALVES ADJUSTMENT.

Check Sheet for Recurring Special Provisions

The Following Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Recurring Special Provisions

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2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	86
3	<input type="checkbox"/> EEO	87
4	<input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	97
5	<input type="checkbox"/> Required Provisions - State Contracts	102
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	108
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal	109
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	110
9	<input type="checkbox"/> Construction Layout Stakes Except for Bridges	111
10	<input type="checkbox"/> Construction Layout Stakes	114
11	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	117
12	<input type="checkbox"/> Subsealing of Concrete Pavements	119
13	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	123
14	<input type="checkbox"/> Pavement and Shoulder Resurfacing	125
15	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	126
16	<input type="checkbox"/> Polymer Concrete	128
17	<input type="checkbox"/> PVC Pipeliner	130
18	<input type="checkbox"/> Bicycle Racks	131
19	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	133
20	<input type="checkbox"/> Work Zone Public Information Signs	135
21	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	136
22	<input type="checkbox"/> English Substitution of Metric Bolts	137
23	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	138
24	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	139
25	<input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	147
26	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations	163
27	<input type="checkbox"/> Reserved	165
28	<input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment (A-1)	166
29	<input type="checkbox"/> Reserved	172
30	<input type="checkbox"/> Reserved	173
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33	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	176
34	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	179
35	<input type="checkbox"/> Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	183
36	<input type="checkbox"/> Longitudinal Joint and Crack Patching	186

The Following Local Roads And Streets Recurring Special Provisions Indicated By An "X" Are Applicable To This Contract And Are Included By Reference:

Local Roads And Streets Recurring Special Provisions

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LRS 5	<input type="checkbox"/> Contract Claims	193
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LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	200
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State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
WORK ZONE TRAFFIC CONTROL SURVEILLANCE

Effective: January 1, 1999

Revised: January 1, 2018

Revise Article 701.10 of the Standard Specifications to read:

“The Contractor shall conduct inspections of the worksite at a frequency that will allow for the timely replacement of any traffic control device that has become displaced, worn, or damaged. A sufficient quantity of replacement devices, based on vulnerability to damage, shall be readily available to meet this requirement.”

Delete Article 701.20(g) of the Standard Specifications.

CHECK SHEET #LRS4

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

**SPECIAL PROVISION
FOR
FLAGGERS IN WORK ZONES**

Effective: January 1, 1999

Revised: January 1, 2007

Revise the last paragraph of Article 701.13 of the Standard Specifications to read:

“Flaggers are required only when workers are present.”

State of Illinois
Department of Transportation
Bureau of Local Roads and Streets

SPECIAL PROVISION
FOR
CONTRACT CLAIMS

Effective: January 1, 2002
Revised: January 1, 2007

Revise the second sentence of subparagraph (a) of Article 109.09 of the Standard Specifications to read:

"All claims shall be submitted to the Engineer."

Revise subparagraph (e) of Article 109.09 of the Standard Specifications to read:

"(e) Procedure. All Claims shall be submitted to the Engineer. The Engineer will consider all information submitted with the claim. Claims not conforming to this Article will be returned without consideration. The Engineer may schedule a claim presentation meeting if, in the Engineer's judgment, such a meeting would aid in resolution of the claim, otherwise a decision will be based on the claim documentation submitted. A final decision will be rendered within 90 days of receipt of the claim.

Full compliance by the Contractor with the provisions specified in this Article is a contractual condition precedent to the Contractor's right to seek relief in the Court of Claims. The Engineer's written decision shall be the final administrative action of the Department. Unless the Contractor files a claim for adjudication by the Court of Claims within 60 days after the date of the written decision, the failure to file shall constitute a release and waiver of the claim."

CHECK SHEET #10

State of Illinois
Department of Transportation

SPECIAL PROVISION FOR CONSTRUCTION LAYOUT STAKES

Effective: May 1, 1993
Revised: January 1, 2007

Description. The Contractor shall furnish and place construction layout stakes for this project. The Department will provide adequate reference points to the centerline of survey and bench marks as shown in the plans and listed herein. Any additional control points set by the Department will be identified in the field to the Contractor and all field notes will be kept in the office of the Resident Engineer.

The Contractor shall provide field forces, equipment, and material to set all additional stakes for this project, which are needed to establish offset stakes, reference points, and any other horizontal or vertical controls, including supplementary bench marks, necessary to secure a correct layout of the work. Stakes for line and grade of pavement and/or curb shall be set at sufficient station intervals (not to exceed 50 ft (15 m)) to assure substantial conformance to plan line and grade. The Contractor will not be required to set additional stakes to locate a utility line which is not included as a pay item in the contract nor to determine property lines between private properties.

The Contractor shall be responsible for having the finished work conform to the lines, grades, elevations, and dimensions called for in the plans. Any inspection or checking of the Contractor's layout by the Department Engineer and the acceptance of all or any part of it shall not relieve the Contractor of his/her responsibility to secure the proper dimensions, grades and elevations of the several parts of the work. The Contractor shall exercise care in the preservation of stakes and bench marks and shall have them reset when any are damaged, lost, displaced, removed, or otherwise obliterated.

Responsibility of the Department.

- (a) The Department will locate and reference the centerline of all roads and streets, except interchange ramps. The centerline of private entrances and short street intersection returns may not be located or referenced by the Department.

Locating and referencing the centerline of survey will consist of establishing and referencing the control points of the centerline of surveys such as PC's, PT's and as many POT's as are necessary to provide a line of sight.

- (b) Bench marks will be established along the project outside of construction lines not exceeding 1000 ft (300 m) intervals horizontally and 20 ft (6 m) vertically.

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- (c) Stakes set for (a) and (b) above will be identified in the field to the Contractor.
- (d) The Department will make random checks of the Contractor's staking to determine if the work is in conformance with the plans. Where the Contractor's work will tie into work that is being or will be done by others, checks will be made to determine if the work is in conformance with the proposed overall grade and horizontal alignment.
- (e) The Department will set all stakes for utility adjustments and for building fences along the right-of-way line by parties other than the Contractor.
- (f) The Department will make all measurements and take all cross sections from which the various pay items will be measured.
- (g) Where the Contractor, in setting construction stakes, discovers discrepancies, the Department will check to determine their nature and make whatever revisions are necessary in the plans, including the recross sectioning of the area involved. Any additional restaking required by the Engineer will be the responsibility of the Contractor. The additional restaking done by the Contractor will be paid for according to Article 109.04 of the Standard Specifications.
- (h) The Department will accept responsibility for the accuracy of the initial control points as provided herein.
- (i) It is not the responsibility of the Department, except as provided herein, to check the correctness of the Contractor's stakes; any errors apparent will be immediately called to the Contractor's attention and s(he) shall make the necessary correction before the stakes are used for construction purposes.
- (j) Where the plan quantities for excavation are to be used as the final pay quantities, the Department will make sufficient checks to determine if the work has been completed in conformance with the plan cross sections.

Responsibility of the Contractor.

- (a) The Contractor shall establish from the given survey points and bench marks all the control points necessary to construct the individual project elements. S(he) shall provide the Engineer adequate control in close proximity to each individual element to allow adequate checking of construction operations. This includes, but is not limited to, line and grade stakes, line and grade nails in form work, and/or filed or etched marks in substantially completed construction work. It is the Contractor's responsibility to tie in centerline control points in order to preserve them during construction operations.
- (b) At the completion of the grading operations, the Contractor shall set stakes at 100 ft (25 m) Station intervals along each profile grade line. These stakes will be used for final cross sectioning by the Department.

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- (c) The Contractor shall locate the right-of-way points for the installation of right-of-way markers. The Contractor shall set all line stakes for the construction of fences by the Contractor.
- (d) All work shall be according to normally accepted self-checking surveying practices. Field notes shall be kept in standard survey field notebooks and those books shall become the property of the Department at the completion of the project. All notes shall be neat, orderly and in accepted form.
- (e) For highway structure staking, the Contractor shall use diligent care and appropriate accuracy. Points shall be positioned to allow reuse throughout the construction process. Prior to the beginning of construction activities, all structure centerlines and pier lines are to be established by the Contractor and checked by the Engineer. The Contractor shall provide a detailed structure layout drawing showing span dimensions, staking lines and offset distances.

Measurement and Payment. This work will be paid for at the contract lump sum price for CONSTRUCTION LAYOUT.

State of Illinois
Department of Transportation

SPECIAL PROVISION
FOR
PARTIAL PAYMENTS

Effective: January 1, 2007

Add the following after the first paragraph of Article 109.07(a) of the Standard Specifications:

“The State will deduct from the amount so determined for the first 50 percent of the completed work a sum of ten percent to be retained until after the completion of the entire work to the satisfaction of the Engineer. After 50 percent or more of the work is completed, the Engineer may, at his/her discretion, certify the remaining partial payments without any further retention, provided that satisfactory progress is being made, and provided that the amount retained is not less than five percent of the total adjusted contract price. When the principal items of the work have been satisfactorily completed, a semi-final estimate may be made with the consent of the surety. Payment to the Contractor under such an estimate shall not exceed 90 percent of the amount retained after making partial payments, but in no event shall the amount retained after making the semi-final payment be less than one percent of the adjusted contract price, nor less than \$500.00.

When any payment is made directly to the State, payments for completed work shall have deducted the proportionate share of the cost to be borne by the State. The deduction will be the estimated cost to the State divided by the awarded contract value with this percentage applied to the value of work in place. Any adjustment to be made because of changed quantities will be made when the final payment is being processed. No retainage will be held from the value of such payments.”

CHECK SHEET #16

State of Illinois
Department of Transportation

SPECIAL PROVISION
FOR
POLYMER CONCRETE

Effective: August 1, 1995
Revised: April 1, 2016

Description. This work shall consist of furnishing all labor, equipment, technical assistance, and materials necessary to install the polymer concrete as shown on the plans and as specified herein.

Materials. The polymer concrete material shall be a fast setting composite material that may contain aggregate and fibers. It shall be resilient, self-adhering, and water tight. It shall withstand and remain bonded to the surrounding material under repeated impact and thermal cycling. It shall not flow nor become tacky in temperatures up to 130 °F (54 °C). It shall be resistant to ultraviolet radiation, petroleum products and abrasion. It shall be capable of curing at all temperatures above 50 °F (10 °C). Mixing shall be according to the manufacturer's instructions. Based on information provided in the material safety data sheet, the Engineer reserves the right to reject the material due to health or safety concerns.

The polymer concrete shall comply with the following requirements:

Property (Test Method)	Material Specification
Compressive Strength (IL Mod. ASTM C 579)	Refer to Illinois Test Method
Direct Shear (IL Test Procedure, "Shear Strength of Bonded Polymer Concrete")	Refer to Illinois Test Method
Freeze-Thaw (ITP 161)	Refer to Illinois Test Method
Salt Scale (IL Mod. ASTM C 672)	Refer to Illinois Test Method
Traffic Bearing Time	4 hours max. @ 70 ± 5 °F (21 ± 3 °C)
Pot Life	5 minutes min. @ 70 ± 5 °F (21 ± 3 °C)
Impact Resistance (IL Mod. ASTM D 2444):	Refer to Illinois Test Method

The Department will maintain a qualified product list.

Equipment. All equipment necessary for proper construction of this work shall be as recommended by the manufacturer and approved by the Engineer prior to beginning the work. Air equipment shall pass the requirements of ASTM D 4285. This test shall be repeated as determined by the Engineer.

CONSTRUCTION REQUIREMENTS

General. The Contractor shall furnish the Engineer with the manufacturer's product information and installation procedures at least two weeks prior to installation.

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When placing the polymer concrete nosing against concrete, the concrete surface shall be dry. For newly placed concrete, the concrete shall be fully cured and allowed to dry out a minimum of seven additional days prior to placement of the nosing. Cold, wet, inclement weather will require an extended drying time.

- a) **Surface Preparation.** All loose foreign material shall be removed. The substrate shall be structurally sound and sandblasted to be free of all foreign matter, grease, dirt, and laitance along the bottom and the sidewalls for all areas that will be in contact with the polymer concrete. Steel surfaces shall be cleaned to SSPC-SP10 surface preparation. After blast cleaning, the surfaces shall be blown clean of debris using oil-free compressed air at a minimum pressure of 90 psi (620 kPa). The bottom and sides of these areas shall then be primed as recommended by the manufacturer.
- b) **Placement.** The polymer concrete shall be mixed, placed and cured according to the manufacturer's instructions. The materials shall be screeded level when appropriate. The material shall be tack free and firm to the touch before proceeding or opening to traffic as determined by the Engineer.

Method of Measurement. This work will be measured for payment in place and the volume computed in cubic feet (cubic meters).

Basis of Payment. This work will be paid for at the contract unit price per cubic foot (cubic meter) for POLYMER CONCRETE.

CHECK SHEET #25

State of Illinois
Department of Transportation

SPECIAL PROVISION
FOR
QUALITY CONTROL/QUALITY ASSURANCE OF CONCRETE MIXTURES

Effective: April 1, 1992
Revised: January 1, 2015

Add the following to Section 1020 of the Standard Specifications:

“1020.16 Quality Control/Quality Assurance of Concrete Mixtures. This Article specifies the quality control responsibilities of the Contractor for concrete mixtures (except Class PC and PS concrete), cement aggregate mixture II, and controlled low-strength material incorporated in the project, and defines the quality assurance and acceptance responsibilities of the Engineer.

A list of quality control/quality assurance (QC/QA) documents is provided in Article 1020.16(g), Schedule D.

A Level I Portland Cement Concrete (PCC) Technician shall be defined as an individual who has successfully completed the Department’s training for concrete testing.

A Level II Portland Cement Concrete (PCC) Technician shall be defined as an individual who has successfully completed the Department’s training for concrete proportioning.

A Level III Portland Cement Concrete (PCC) Technician shall be defined as an individual who has successfully completed the Department’s training for concrete mix design.

A Concrete Tester shall be defined as an individual who has successfully completed the Department’s training to assist with concrete testing and is monitored on a daily basis.

Aggregate Technician shall be defined as an individual who has successfully completed the Department’s training for gradation testing involving aggregate production and mixtures.

Mixture Aggregate Technician shall be defined as an individual who has successfully completed the Department’s training for gradation testing involving mixtures.

Gradation Technician shall be defined as an individual who has successfully completed the Department’s training to assist with gradation testing and is monitored on a daily basis.

- (a) Equipment/Laboratory. The Contractor shall provide a laboratory and test equipment to perform their quality control testing.

The laboratory shall be of sufficient size and be furnished with the necessary equipment, supplies, and current published test methods for adequately and safely performing all required tests. The laboratory will be approved by the Engineer according to the current Bureau of Materials and Physical Research Policy Memorandum "Minimum Private Laboratory Requirements for Construction Materials Testing or Mix Design". Production of a mixture shall not begin until the Engineer provides written approval of the laboratory. The Contractor shall refer to the Department's "Required Sampling and Testing Equipment for Concrete" for equipment requirements.

Test equipment shall be maintained and calibrated as required by the appropriate test method, and when required by the Engineer. This information shall be documented on the Department's "Calibration of Concrete Testing Equipment" forms BMPR PCCQ01 through BMPR PCCQ09.

Test equipment used to determine compressive or flexural strength shall be calibrated each 12 month period by an independent agency, using calibration equipment traceable to the National Institute of Standards and Technology (NIST). The Contractor shall have the calibration documentation available at the test equipment location.

The Engineer will have unrestricted access to the plant and laboratory at any time to inspect measuring and testing equipment, and will notify the Contractor of any deficiencies. Defective equipment shall be immediately repaired or replaced by the Contractor.

- (b) Quality Control Plan. The Contractor shall submit, in writing, a proposed Quality Control (QC) Plan to the Engineer. The QC Plan shall be submitted a minimum of 45 calendar days prior to the production of a mixture. The QC Plan shall address the quality control of the concrete, cement aggregate mixture II, and controlled low-strength material incorporated in the project. The Contractor shall refer to the Department's "Model Quality Control Plan for Concrete Production" to prepare a QC Plan. The Engineer will respond in writing to the Contractor's proposed QC Plan within 15 calendar days of receipt.

Production of a mixture shall not begin until the Engineer provides written approval of the QC Plan. The approved QC Plan shall become a part of the contract between the Department and the Contractor, but shall not be construed as acceptance of any mixture produced.

The QC Plan may be amended during the progress of the work, by either party, subject to mutual agreement. The Engineer will respond in writing to a Contractor's proposed QC Plan amendment within 15 calendar days of receipt. The response will indicate the approval or denial of the Contractor's proposed QC Plan amendment.

- (c) Quality Control by Contractor. The Contractor shall perform quality control inspection, sampling, testing, and documentation to meet contract requirements. Quality control includes the recognition of obvious defects

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and their immediate correction. Quality control also includes appropriate action when passing test results are near specification limits, or to resolve test result differences with the Engineer. Quality control may require increased testing, communication of test results to the plant or the jobsite, modification of operations, suspension of mixture production, rejection of material, or other actions as appropriate. The Engineer shall be immediately notified of any failing tests and subsequent remedial action. Passing tests shall be reported no later than the start of the next work day.

When a mixture does not comply with specifications, the Contractor shall reject the material, unless the Engineer accepts the material for incorporation in the work, according to Article 105.03.

- (1) Personnel Requirements. The Contractor shall provide a Quality Control (QC) Manager who will have overall responsibility and authority for quality control. The jobsite and plant personnel shall be able to contact the QC Manager by cellular phone, two-way radio, or other methods approved by the Engineer.

The QC Manager shall visit the jobsite a minimum of once a week. A visit shall be performed the day of a bridge deck pour, the day a non-routine mixture is placed as determined by the Engineer, or the day a plant is anticipated to produce more than 1000 cu yd (765 cu m). Any of the three required visits may be used to meet the once per week minimum requirement.

The Contractor shall provide personnel to perform the required inspections, sampling, testing, and documentation in a timely manner. The Contractor shall refer to the Department's "Qualifications and Duties of Concrete Quality Control Personnel" document.

A Level I PCC Technician shall be provided at the jobsite during mixture production and placement, and may supervise concurrent pours on the project. For concurrent pours, a minimum of one Concrete Tester shall be required at each pour location. If the Level I PCC Technician is at one of the pour locations, a Concrete Tester is still required at the same location. Each Concrete Tester shall be able to contact the Level I PCC Technician by cellular phone, two-way radio, or other methods approved by the Engineer. A single Level I PCC Technician shall not supervise concurrent pours for multiple contracts.

A Level II PCC Technician shall be provided at the plant, or shall be available, during mixture production and placement. A Level II PCC Technician may supervise a maximum of three plants. Whenever the Level II PCC Technician is not at the plant during mixture production and placement, a Concrete Tester or Level I PCC Technician shall be present at the plant to perform any necessary concrete tests. The Concrete Tester, Level I PCC Technician, or other individual shall also be trained to perform any necessary aggregate moisture tests, if the Level II PCC Technician is not at the plant during mixture production and placement. The Concrete Tester, Level I PCC Technician, plant personnel, and jobsite personnel shall have the ability to contact the

Level II PCC Technician by cellular phone, two-way radio, or other methods approved by the Engineer.

For a mixture which is produced and placed with a mobile portland cement concrete plant as defined in Article 1103.04, a Level II PCC Technician shall be provided. The Level II PCC Technician shall be present at all times during mixture production and placement. However, the Level II PCC Technician may request to be available if operations are satisfactory. Approval shall be obtained from the Engineer, and jobsite personnel shall have the ability to contact the Level II PCC Technician by cellular phone, two-way radio, or other methods approved by the Engineer.

A Concrete Tester, Mixture Aggregate Technician, and Aggregate Technician may provide assistance with sampling and testing. A Gradation Technician may provide assistance with testing. A Concrete Tester shall be supervised by a Level I or Level II PCC Technician. A Gradation Technician shall be supervised by a Level II PCC Technician, Mixture Aggregate Technician, or Aggregate Technician.

- (2) Required Plant Tests. Sampling and testing shall be performed at the plant, or at a location approved by the Engineer, to control the production of a mixture. The required minimum Contractor plant sampling and testing is indicated in Article 1020.16(g) Schedule A.
- (3) Required Field Tests. Sampling and testing shall be performed at the jobsite to control the production of a mixture, and to comply with specifications for placement. For standard curing, after initial curing, and for strength testing, the location shall be approved by the Engineer. The required minimum Contractor jobsite sampling and testing is indicated in Article 1020.16(g), Schedule B.
- (d) Quality Assurance by Engineer. The Engineer will perform quality assurance tests on independent samples and split samples. An independent sample is a field sample obtained and tested by only one party. A split sample is one of two equal portions of a field sample, where two parties each receive one portion for testing. The Engineer may request the Contractor to obtain a split sample. Aggregate split samples and any failing strength specimen shall be retained until permission is given by the Engineer for disposal. The results of all quality assurance tests by the Engineer will be made available to the Contractor. However, Contractor split sample test results shall be provided to the Engineer before Department test results are revealed. The Engineer's quality assurance independent sample and split sample testing are indicated in Article 1020.16(g), Schedule C.
- (1) Strength Testing. For strength testing, Article 1020.09 shall apply, except the Contractor and Engineer strength specimens may be placed in the same field curing box for initial curing and may be cured in the same water storage tank for final curing.

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- (2) Comparing Test Results. Differences between the Engineer's and the Contractor's split sample test results will be considered reasonable if within the following limits:

Test Parameter	Acceptable Limits of Precision
Slump	0.75 in. (20 mm)
Air Content	0.9%
Compressive Strength	900 psi (6200 kPa)
Flexural Strength	90 psi (620 kPa)
Slump Flow (Self-Consolidating Concrete (SCC))	1.5 in. (40 mm)
Visual Stability Index (SCC)	Not Applicable
J-Ring (SCC)	1.5 in. (40 mm)
L-Box (SCC)	10 %
Hardened Visual Stability Index (SCC)	Not Applicable
Dynamic Segregation Index (SCC)	1.0 %
Flow (Controlled Low-Strength Material (CLSM))	1.5 in. (40 mm)
Strength (CLSM)	40 psi (275 kPa)
Aggregate Gradation	See "Guideline for Sample Comparison" in Appendix "A" of the Manual of Test Procedures for Materials.

When acceptable limits of precision have been met, but only one party is within specification limits, the failing test shall be resolved before the material may be considered for acceptance.

- (3) Test Results and Specification Limits.
- a. Split Sample Testing. If either the Engineer's or the Contractor's split sample test result is not within specification limits and the other party is within specification limits, immediate retests on a split sample shall be performed for slump, air content, slump flow, visual stability index, J-Ring, L-Box, dynamic segregation index, flow (CLSM), or aggregate gradation. A passing retest result by each party will require no further action. If either the Engineer's or Contractor's slump, air content, slump flow, visual stability index, J-Ring, L-Box, dynamic segregation index, flow (CLSM), or aggregate gradation split sample retest result is a failure; or if either the Engineer's or Contractor's strength or hardened visual stability index test result is a failure and the other party is within specification limits; the following actions shall be initiated to investigate the test failure:
1. The Engineer and the Contractor shall investigate the sampling method, test procedure, equipment condition, equipment calibration, and other factors.

2. The Engineer or the Contractor shall replace test equipment, as determined by the Engineer.
3. The Engineer and the Contractor shall perform additional testing on split samples, as determined by the Engineer.

For aggregate gradation, jobsite slump, jobsite air content, jobsite slump flow, jobsite visual stability index, jobsite J-Ring, jobsite L-Box, jobsite dynamic segregation index, and jobsite flow (CLSM), if the failing split sample test result is not resolved according to 1., 2., or 3., and the mixture has not been placed, the Contractor shall reject the material; unless the Engineer accepts the material for incorporation in the work, according to Article 105.03. If the mixture has already been placed, or if a failing strength or hardened visual stability index test result is not resolved according to 1., 2., or 3., the material will be considered unacceptable.

If a continued trend of difference exists between the Engineer's and the Contractor's split sample test results, or if split sample test results exceed the acceptable limits of precision, the Engineer and the Contractor shall investigate according to items 1., 2., and 3.

- b. Independent Sample Testing. For aggregate gradation, jobsite slump, jobsite air content, jobsite slump flow, jobsite visual stability index, jobsite J-Ring, jobsite L-Box, jobsite dynamic segregation index, jobsite flow (CLSM), if the result of a quality assurance test on a sample independently obtained by the Engineer is not within specification limits, and the mixture has not been placed, the Contractor shall reject the material; unless the Engineer accepts the material for incorporation in the work, according to Article 105.03. If the mixture has already been placed or the Engineer obtains a failing strength or hardened visual stability index test result, the material will be considered unacceptable.
- (e) Acceptance by the Engineer. Final acceptance will be based on the Standard Specifications and the following:
- (1) The Contractor's compliance with all contract documents for quality control.
 - (2) Validation of Contractor quality control test results by comparison with the Engineer's quality assurance test results using split samples. Any quality control or quality assurance test determined to be flawed may be declared invalid only when reviewed and approved by the Engineer. The Engineer will declare a test result invalid only if it is proven that improper sampling or testing occurred. The test result is to be recorded and the reason for declaring the test invalid will be provided by the Engineer.

CHECK SHEET #25

- (3) Comparison of the Engineer's quality assurance test results with specification limits using samples independently obtained by the Engineer.

The Engineer may suspend mixture production, reject materials, or take other appropriate action if the Contractor does not control the quality of concrete, cement aggregate mixture II, or controlled low-strength material for acceptance. The decision will be determined according to (1), (2), or (3).

- (f) Documentation.

- (1) Records. The Contractor shall be responsible for documenting all observations, inspections, adjustments to the mix design, test results, retest results, and corrective actions in a bound hardback field book, bound hardback diary, or appropriate Department form, which shall become the property of the Department. The documentation shall include a method to compare the Engineer's test results with the Contractor's results. The Contractor shall be responsible for the maintenance of all permanent records whether obtained by the Contractor, the consultants, the subcontractors, or the producer of the mixture. The Contractor shall provide the Engineer full access to all documentation throughout the progress of the work.

The Department's form BMPR MI504, form BMPR MI654, and form BMPR MI655 shall be completed by the Contractor, and shall be submitted to the Engineer weekly or as required by the Engineer. A correctly completed form BMPR MI504, form BMPR MI654, and form BMPR MI655 are required to authorize payment by the Engineer for applicable pay items.

- (2) Delivery Truck Ticket. The following information shall be recorded on each delivery ticket or in a bound hardback field book: initial revolution counter reading (final reading optional) at the jobsite, if the mixture is truck-mixed; time discharged at the jobsite; total amount of each admixture added at the jobsite; and total amount of water added at the jobsite.
- (g) Basis of Payment and Schedules. Quality Control/Quality Assurance of portland cement concrete mixtures will not be paid for separately, but shall be considered as included in the cost of the various concrete contract items.

SCHEDULE A

CONTRACTOR PLANT SAMPLING AND TESTING			
Item	Test	Frequency	IL Modified AASHTO, IL Modified ASTM, or Illinois Test Procedure ^{1/}
Aggregates (Arriving at Plant)	Gradation ^{2/}	As needed to check source for each gradation number	ITP 2, ITP 11, ITP 27, and ITP 248
Aggregates (Stored at Plant in Stockpiles or Bins)	Gradation ^{2/}	2500 cu yd (1900 cu m) for each gradation number ^{3/}	ITP 2, ITP 11, ITP 27, and ITP 248
Aggregates (Stored at Plant in Stockpiles or Bins)	Moisture ^{4/} : Fine Aggregate	Once per week for moisture sensor, otherwise daily for each gradation number	Flask, Dunagan, Pycnometer Jar, or ITP 255
	Moisture ^{4/} : Coarse Aggregate	As needed to control production for each gradation number	Dunagan, Pycnometer Jar, or ITP 255
Mixture ^{5/}	Slump Air Content Unit Weight / Yield Slump Flow (SCC) Visual Stability Index (SCC) J-Ring (SCC) ^{6/} L-Box (SCC) ^{6/} Temperature	As needed to control production	R 60 and T 119 R 60 and T 152 or T 196 R 60 and T 121 ITP SCC-1 and ITP SCC-2 ITP SCC-1 and ITP SCC-2 ITP SCC-1 and ITP SCC-3 ITP SCC-1 and ITP SCC-4 R 60 and ASTM C 1064
Mixture (CLSM) ^{7/}	Flow Air Content Temperature	As needed to control production	ITP 307

- 1/ Refer to the Department's "Manual of Test Procedures for Materials".
- 2/ All gradation tests shall be washed. Testing shall be completed no later than 24 hours after the aggregate has been sampled.
- 3/ One per week (Sunday through Saturday) minimum, unless the stockpile has not received additional aggregate material since the previous test.

One per day minimum for a bridge deck pour, unless the stockpile has not received additional aggregate material since the previous test. The sample shall be taken and testing completed prior to the pour. The bridge deck aggregate sample may be taken the day before the pour or as approved by the Engineer.

- 4/ If the moisture test and moisture sensor disagree by more than 0.5 percent, retest. If the difference remains, adjust the moisture sensor to an average of two or more moisture tests. The Department's "Water/Cement Ratio Worksheet" form (BMPPR PCCW01) shall be completed, when applicable.

CHECK SHEET #25

- 5/ The Contractor may also perform strength testing according to Illinois Modified AASHTO R 60, T 23, and T 22 or T 177; or water content testing according to Illinois Modified AASHTO T 318.

The Contractor may also perform other available self-consolidating concrete (SCC) tests at the plant to control mixture production.

- 6/ The Contractor shall select the J-Ring or L-Box test for plant sampling and testing.
- 7/ The Contractor may also perform strength testing according to ITP 307.

SCHEDULE B

CONTRACTOR JOBSITE SAMPLING & TESTING ^{1/}			
Item	Measured Property	Random Sample Testing Frequency per Mix Design and per Plant ^{2/}	IL Modified AASHTO, IL Modified ASTM, or Illinois Test Procedure
Pavement, Shoulder, Base Course, Base Course Widening, Driveway Pavement, Railroad Crossing, Cement Aggregate Mixture II	Slump ^{3/ 4/}	1 per 500 cu yd (400 cu m) or minimum 1/day	R 60 and T 119
	Air Content ^{3/ 5/ 6/}	1 per 100 cu yd (80 cu m) or minimum 1/day	R 60 and T 152 or T 196
	Compressive Strength ^{7/ 8/} or Flexural Strength ^{7/ 8/}	1 per 1250 cu yd (1000 cu m) or minimum 1/day	R 60, T 22 and T 23 or R 60, T 177 and T 23
Bridge Approach Slab ^{9/} , Bridge Deck ^{9/} , Bridge Deck Overlay ^{9/} , Superstructure ^{9/} , Substructure, Culvert, Miscellaneous Drainage Structures, Retaining Wall, Building Wall, Drilled Shaft Pile & Encasement Footing, Foundation, Pavement Patching, Structural Repairs	Slump ^{3/ 4/}	1 per 50 cu yd (40 cu m) or minimum 1/day	R 60 and T 119
	Air Content ^{3/ 5/ 6/}	1 per 50 cu yd (40 cu m) or minimum 1/day	R 60 and T 152 or T 196
	Compressive Strength ^{7/ 8/} or Flexural Strength ^{7/ 8/}	1 per 250 cu yd (200 cu m) or minimum 1/day	R 60, T 22 and T 23 or R 60, T 177 and T 23
Seal Coat	Slump ^{3/}	1 per 250 cu yd (200 cu m) or minimum 1/day	R 60 and T 119
	Air Content ^{3/ 5/ 6/}	1 per 250 cu yd (200 cu m) or minimum 1/day when air is entrained	R 60 and T 152 or T 196
	Compressive Strength ^{7/ 8/} or Flexural Strength ^{7/ 8/}	1 per 250 cu yd (200 cu m) or minimum 1/day	R 60, T 22 and T 23 or R 60, T 177 and T 23

CHECK SHEET #25

CONTRACTOR JOBSITE SAMPLING & TESTING ^{1/}			
Curb, Gutter, Median, Barrier, Sidewalk, Slope Wall, Paved Ditch, Fabric Formed Concrete Revetment Mat ^{10/} , Miscellaneous Items, Incidental Items	Slump ^{3/ 4/}	1 per 100 cu yd (80 cu m) or minimum 1/day	R 60 and T 119
	Air Content ^{3/ 5/ 6/}	1 per 50 cu yd (40 cu m) or minimum 1/day	R 60 and T 152 or T 196
	Compressive Strength ^{7/ 8/} or Flexural Strength ^{7/ 8/}	1 per 400 cu yd (300 cu m) or minimum 1/day	R 60, T 22 and T 23 or R 60, T 177 and T 23
Items Using Self- Consolidating Concrete	Slump Flow ^{3/} VSI ^{3/} J-Ring ^{3/ 11/} L-Box ^{3/ 11/}	Perform at same frequency that is specified for the Item's slump	ITP SCC-1 & ITP SCC-2 ITP SCC-1 & ITP SCC-2 ITP SCC-1 & ITP SCC-3 ITP SCC-1 & ITP SCC-4
	HVSI ^{12/}	Minimum 1/day at start of production for that day	ITP SCC-1 and ITP SCC-6
	Dynamic Segregation Index (DSI)	Minimum 1/week at start of production for that week	ITP SCC-1 and ITP SCC-8 (Option C)
	Air Content ^{3/ 5/ 6/}	Perform at same frequency that is specified for the Item's air content	ITP SCC-1 and T 152 or T 196
	Compressive Strength ^{7/ 8/} or Flexural Strength ^{7/ 8/}	Perform at same frequency that is specified for the Item's strength	ITP SCC-1, T 22 and T 23 or ITP SCC-1, T 177 and T 23
All	Temperature ^{3/}	As needed to control production	R 60 and ASTM C 1064
Controlled Low- Strength Material (CLSM)	Flow, Air Content, Compressive Strength (28-day) ^{13/} , and Temperature	First truck load delivered and as needed to control production thereafter	ITP 307

1/ Sampling and testing of small quantities of curb, gutter, median, barrier, sidewalk, slope wall, paved ditch, miscellaneous items, and incidental items may be waived by the Engineer, if requested by the Contractor. However, quality control personnel are still required according to Article 1020.16(c)(1). The Contractor shall also provide recent evidence that similar material has been found to be satisfactory under normal sampling and testing

procedures. The total quantity that may be waived for testing shall not exceed 100 cu yd (76 cu m) per contract.

If the Contractor's or Engineer's test result for any jobsite mixture test is not within the specification limits, all subsequent truck loads delivered shall be tested by the Contractor until the problem is corrected.

- 2/ If one mix design is being used for several construction items during a day's production, one testing frequency may be selected to include all items. The construction items shall have the same slump, air content, and water/cement ratio specifications. For self-consolidating concrete, the construction items shall have the same slump flow, visual stability index, J-Ring, L-Box, air content, and water/cement ratio specifications. The frequency selected shall equal or exceed the testing required for the construction item.

One sufficiently sized sample shall be taken to perform the required test(s). Random numbers shall be determined according to the Department's "Method for Obtaining Random Samples for Concrete". The Engineer will provide random sample locations.

- 3/ The temperature, slump, and air content tests shall be performed on the first truck load delivered, for each pour. For self-consolidating concrete, the temperature, slump flow, visual stability index, J-Ring or L-Box, and air content tests shall be performed on the first truck load delivered, for each pour. Unless a random sample is required for the first truck load, testing the first truck load does not satisfy random sampling requirements.
- 4/ The slump random sample testing frequency shall be a minimum 1/day for a construction item which is slipformed.
- 5/ If a pump or conveyor is used for placement, a correction factor shall be established to allow for a loss of air content during transport. The first three truck loads delivered shall be tested, before and after transport by the pump or conveyor, to establish the correction factor. Once the correction is determined, it shall be re-checked after an additional 50 cu yd (38 cu m) is pumped, or an additional 100 cu yd (76 cu m) is transported by conveyor. This shall continue throughout the pour. If the re-check indicates the correction factor has changed, a minimum of two truckloads is required to re-establish the correction factor. The correction factor shall also be re-established when significant changes in temperature, distance, pump or conveyor arrangement, and other factors have occurred. If the correction factor is greater than 3.0 percent, the Contractor shall take corrective action to reduce the loss of air content during transport by the pump or conveyor. The Contractor shall record all air content test results, correction factors, and corrected air contents. The corrected air content shall be reported on form BMPR MI654.
- 6/ If the Contractor's or Engineer's air content test result is within the specification limits, and 0.2 percent or closer to either limit, the next truck load delivered shall be tested by the Contractor. For example, if the specified air content range is 5.0 to 8.0 percent and the test result is 5.0, 5.1, 5.2, 7.8, 7.9, or 8.0 percent, the next truck shall be tested by the Contractor.

CHECK SHEET #25

- 7/ The test of record for strength shall be the day indicated in Article 1020.04. For cement aggregate mixture II, a strength requirement is not specified and testing is not required. Additional strength testing to determine early falsework and form removal, early pavement or bridge opening to traffic, or to monitor strengths is at the discretion of the Contractor. Strength shall be defined as the average of two 6 x 12 in. (150 x 300 mm) cylinder breaks, three 4 x 8 in. (100 x 200 mm) cylinder breaks, or two beam breaks for field tests. Per Illinois Modified AASHTO T 23, cylinders shall be 6 x 12 in. (150 x 300 mm) when the nominal maximum size of the coarse aggregate exceeds 1 in. (25 mm). Nominal maximum size is defined as the largest sieve which retains any of the aggregate sample particles.
- 8/ In addition to the strength test, a slump test, air content test, and temperature test shall be performed on the same sample. For self-consolidating concrete, a slump flow test, visual stability index test, J-Ring or L-Box test, air content test, and temperature test shall be performed on the same sample as the strength test. For mixtures pumped or conveyed, the Contractor shall sample according to Illinois Modified AASHTO R 60.
- 9/ The air content test will be required for each delivered truck load.
- 10/ For fabric formed concrete revetment mat, the slump test is not required and the flexural strength test is not applicable.
- 11/ The Contractor shall select the J-Ring or L-Box test for jobsite sampling and testing.
- 12/ In addition to the hardened visual stability index (HVSI) test, a slump flow test, visual stability index (VSI) test, J-Ring or L-Box test, air content test, and temperature test shall be performed on the same sample. The Contractor shall retain all hardened visual stability index cut cylinder specimens until the Engineer notifies the Contractor that the specimens may be discarded.
- 13/ The test of record for strength shall be the day indicated in Article 1019.04. In addition to the strength test, a flow test, air content test, and temperature test shall be performed on the same sample. The strength test may be waived by the Engineer if future removal of the material is not a concern.

SCHEDULE C

ENGINEER QUALITY ASSURANCE INDEPENDENT SAMPLE TESTING		
Location	Measured Property	Testing Frequency ^{1/}
Plant	Gradation of aggregates stored in stockpiles or bins, Slump and Air Content	As determined by the Engineer.
Jobsite	Slump, Air Content, Slump Flow, Visual Stability Index, J-Ring, L-Box, Hardened Visual Stability Index, Dynamic Segregation Index, and Strength	As determined by the Engineer.
	Flow, Air Content, Strength (28-day), and Dynamic Cone Penetration for Controlled Low-Strength Material (CLSM)	As determined by the Engineer

ENGINEER QUALITY ASSURANCE SPLIT SAMPLE TESTING ^{2/}		
Location	Measured Property	Testing Frequency ^{1/}
Plant	Gradation of aggregates stored in stockpiles or bins	At the beginning of the project, the first test performed by the Contractor. Thereafter, a minimum of 10% of total tests required of the Contractor will be performed per aggregate gradation number and per plant.
	Slump, Air Content, Slump Flow (SCC), Visual Stability Index (SCC), J-Ring (SCC), and L-Box (SCC)	As determined by the Engineer.
Jobsite	Slump, Air Content ^{3/} , Slump Flow, Visual Stability Index, J-Ring and L-Box	At the beginning of the project, the first three tests performed by the Contractor. Thereafter, a minimum of 20% of total tests required of the Contractor will be performed per plant, which will include a minimum of one test per mix design.
	Hardened Visual Stability Index	As determined by the Engineer.
	Dynamic Segregation Index	As determined by the Engineer.
	Strength	At the beginning of the project, the first test performed by the Contractor. Thereafter, a minimum of 20% of total tests required of the Contractor will be performed per plant, which will include a minimum of one test per mix design.
	Flow, Air Content, and Strength (28-day) for Controlled Low-Strength Material (CLSM)	As determined by the Engineer.

CHECK SHEET #25

- 1/ The Engineer will perform the testing throughout the period of quality control testing by the Contractor.
- 2/ The Engineer will witness and take immediate possession of or otherwise secure the Department's split sample obtained by the Contractor.
- 3/ Before transport by pump or conveyor, a minimum of 20 percent of total tests required of the Contractor will be performed per mix design and per plant. After transport by pump or conveyor, a minimum of 20 percent of total tests required of the Contractor will be performed per mix design and per plant.

SCHEDULE D

CONCRETE QUALITY CONTROL AND QUALITY ASSURANCE DOCUMENTS

- (a) Model Quality Control Plan for Concrete Production (*)
- (b) Qualifications and Duties of Concrete Quality Control Personnel (*)
- (c) Development of Gradation Bands on Incoming Aggregate at Mix Plants (*)
- (d) Required Sampling and Testing Equipment for Concrete (*)
- (e) Method for Obtaining Random Samples for Concrete (*)
- (f) Calibration of Concrete Testing Equipment (BMPR PCCQ01 through BMPR PCCQ09) (*)
- (g) Water/Cement Ratio Worksheet (BMPR PCCW01) (*)
- (h) Field/Lab Gradations (BMPR MI504) (*)
- (i) Concrete Air, Slump and Quantity (BMPR MI654) (*)
- (j) P.C. Concrete Strengths (BMPR MI655) (*)
- (k) Aggregate Technician Course or Mixture Aggregate Technician Course (*)
- (l) Portland Cement Concrete Tester Course (*)
- (m) Portland Cement Concrete Level I Technician Course - Manual of Instructions for Concrete Testing (*)
- (n) Portland Cement Concrete Level II Technician Course - Manual of Instructions for Concrete Proportioning (*)
- (o) Portland Cement Concrete Level III Technician Course - Manual of Instructions for Design of Concrete Mixtures (*)
- (p) Manual of Test Procedures for Materials

* Refer to Appendix C of the Department's "Manual of Test Procedures for Materials" for more information.

SCHEDULE OF PRICES
City of Rockford
East State Street WM Relocation



Item No.	Items	Units	Quantity	Unit Price	Total
1	MOBILIZATION	LS	1		
2	INLET AND PIPE PROTECTION	EA	38		
3	CONCRETE TRUCK WASHOUT	EA	2		
4	SILT FENCE	LF	567		
5	PAVEMENT REMOVAL	SY	1100		
6	SIDEWALK REMOVAL	SF	40		
7	COMBINATION CURB AND GUTTER REMOVAL	LF	65		
8	REMOVE VALVE VAULT, COMPLETE	EA	4		
9	REMOVE FIRE HYDRANT, COMPLETE	EA	5		
10	TREE REMOVAL (6 TO 15 UNITS)	UNIT	65		
11	TREE REMOVAL (OVER 15 UNITS)	UNIT	50		
12	EXPLORATORY EXCAVATION	CY	30		
13	TRENCH BACKFILL	CY	1547		
14	PARKWAY RESTORATION	LS	1		
15	CLSM ENGINEERED FILL	CY	121		
16	P.C.C. SIDEWALK, 4"	SF	40		
17	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.5"	SY	1100		
18	CLASS B PATCHES, 10"	SY	1100		
19	COMBINATION CONCRETE CURB AND GUTTER, TYPE M6.18 (MODIFIED)	LF	65		
20	DUCTILE IRON WATER MAIN, COMPLETE, 8"	LF	215		
21	DUCTILE IRON WATER MAIN, COMPLETE, 12"	LF	1280		
22	DUCTILE IRON WATER MAIN, COMPLETE, 16"	LF	1410		
23	CUT AND CAP EXISTING WATER MAIN, 6"	EA	1		
24	CUT AND CAP EXISTING WATER MAIN, 8"	EA	1		
Page 1		Sub Total	As read		
			As corrected		

SCHEDULE OF PRICES

City of Rockford

East State Street WM Relocation



Item No.	Items	Units	Quantity	Unit Price	Total
25	CUT AND CAP EXISTING WATER MAIN, 12"	EA	7		
26	CUT AND CAP EXISTING WATER MAIN, 16"	EA	4		
27	STORM SEWER, WATER MAIN QUALITY, COMPLETE, 30"	LF	50		
28	GATE VALVE AND VALVE BOX, COMPLETE, 8"	EA	4		
29	BUTTERFLY VALVE AND VALVE BOX, COMPLETE, 12"	EA	5		
30	BUTTERFLY VALVE AND VALVE BOX, COMPLETE, 16"	EA	5		
31	FIRE HYDRANT WITH 6" VALVE AND VALVE BOX, COMPLETE	EA	5		
32	WATER SERVICE (OPEN-CUT), COMPLETE, 1"	EA	1		
33	WATER SERVICE (OPEN-CUT), COMPLETE, 2"	EA	1		
34	WATER SERVICE (OPEN-CUT), COMPLETE, 4"	LF	20		
35	WATER SERVICE (OPEN-CUT), COMPLETE, 6"	LF	65		
36	CONNECT TO EXISTING 4" WATER MAIN, COMPLETE	EA	1		
37	CONNECT TO EXISTING 6" WATER MAIN, COMPLETE	EA	1		
38	CONNECT TO EXISTING 8" WATER MAIN, COMPLETE	EA	4		
39	CONNECT TO EXISTING 12" WATER MAIN, COMPLETE	EA	4		
40	CONNECT TO EXISTING 16" WATER MAIN, COMPLETE	EA	2		
41	WATER MAIN PROTECTION, STEEL CASING, 16"	LF	44		
42	WATER MAIN PROTECTION, STEEL CASING, 20"	LF	68		
43	WATER MAIN PROTECTION, STEEL CASING, 30"	LF	44		
44	WATER MAIN LINE STOP, 12"	EA	4		
45	INSERTION VALVE, COMPLETE, 6"	EA	1		
46	INSERTION VALVE, COMPLETE, 8"	EA	2		
47	INSERTION VALVE, COMPLETE, 12"	EA	2		
48	INSERTION VALVE, COMPLETE, 16"	EA	2		
Page 2		Sub Total	As read		
			As corrected		

CITY OF ROCKFORD ROCKFORD, ILLINOIS



CONSTRUCTION PLANS FOR EAST STATE STREET WATER MAIN RELOCATION

BID NO.: 920-W-109

SEPTEMBER 16, 2020

17260-01

CITY ENGINEER.TIMOTHY HINKENS
DIRECTOR OF PUBLIC WORKS KYLE SAUNDERS
WATER SUPERINTENDENT. JAMIE ROTT

CITY OF ROCKFORD
425 EAST STATE ST.
ROCKFORD, ILLINOIS 61104
(815) 987-5570
(815) 967-6942 (FAX)

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THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ACTUAL LOCATIONS OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF HIS OPERATIONAL PLANS, OBTAIN FROM RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION AND THE ONE-CALL NOTICE SYSTEM. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH UTILITY OR SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

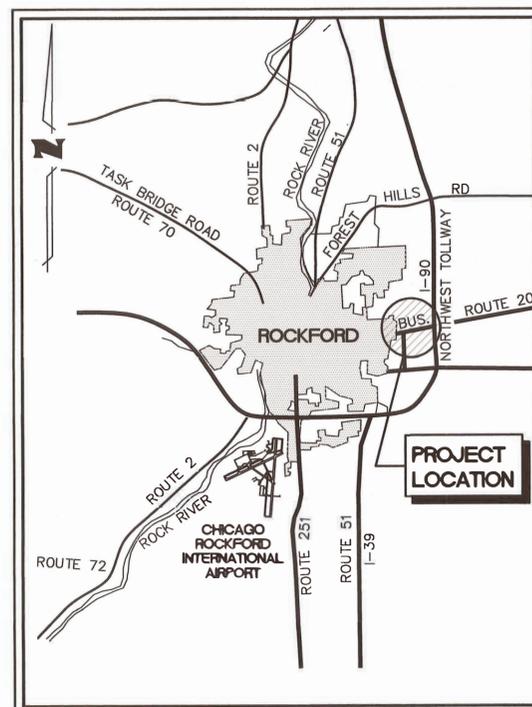
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SECTIONS: 22

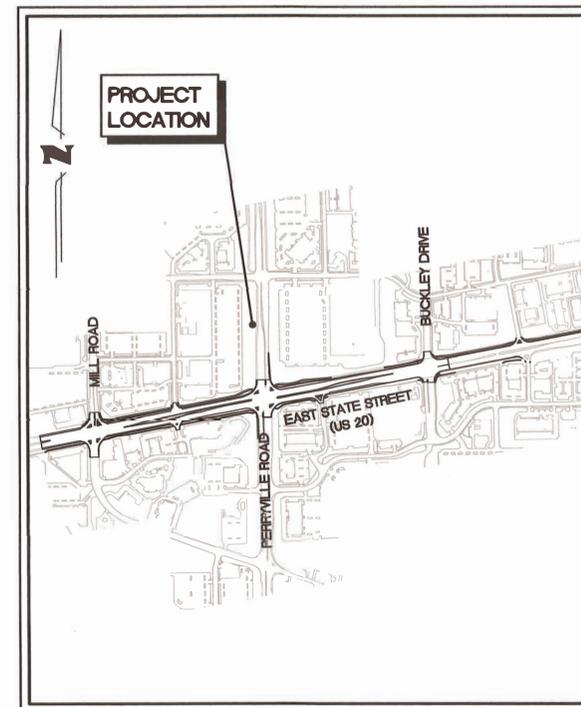
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FX: 630-820-0350

CHRIS P. DAGIANTIS
062-054123
LICENSED PROFESSIONAL ENGINEER
OF ILLINOIS
EXPIRES 11-30-2024

SUBMITTED BY CHRIS DAGIANTIS P.E.
DATE 9/16/2020



LOCATION MAP



SITE PLAN

INDEX TO SHEETS

1. COVER SHEET
2. GENERAL NOTES, SUMMARY OF QUANTITIES AND LEGEND
3. OVERALL SITE PLAN
4. STORM WATER POLLUTION PREVENTION PLAN
5. EROSION CONTROL PLAN NOTES
6. SEQUENCE OF CONSTRUCTION PHASE 1
7. SEQUENCE OF CONSTRUCTION PHASE 2
8. PHASE 1 WATER MAIN PLAN AND PROFILE - 1
9. PHASE 1 WATER MAIN PLAN AND PROFILE - 2
10. PHASE 1 WATER MAIN PLAN AND PROFILE - 3
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19. TRAFFIC CONTROL PHASE 2
20. TRAFFIC CONTROL DETAILS AND NOTES- 1
21. TRAFFIC CONTROL DETAILS- 2



CONSULTANTS

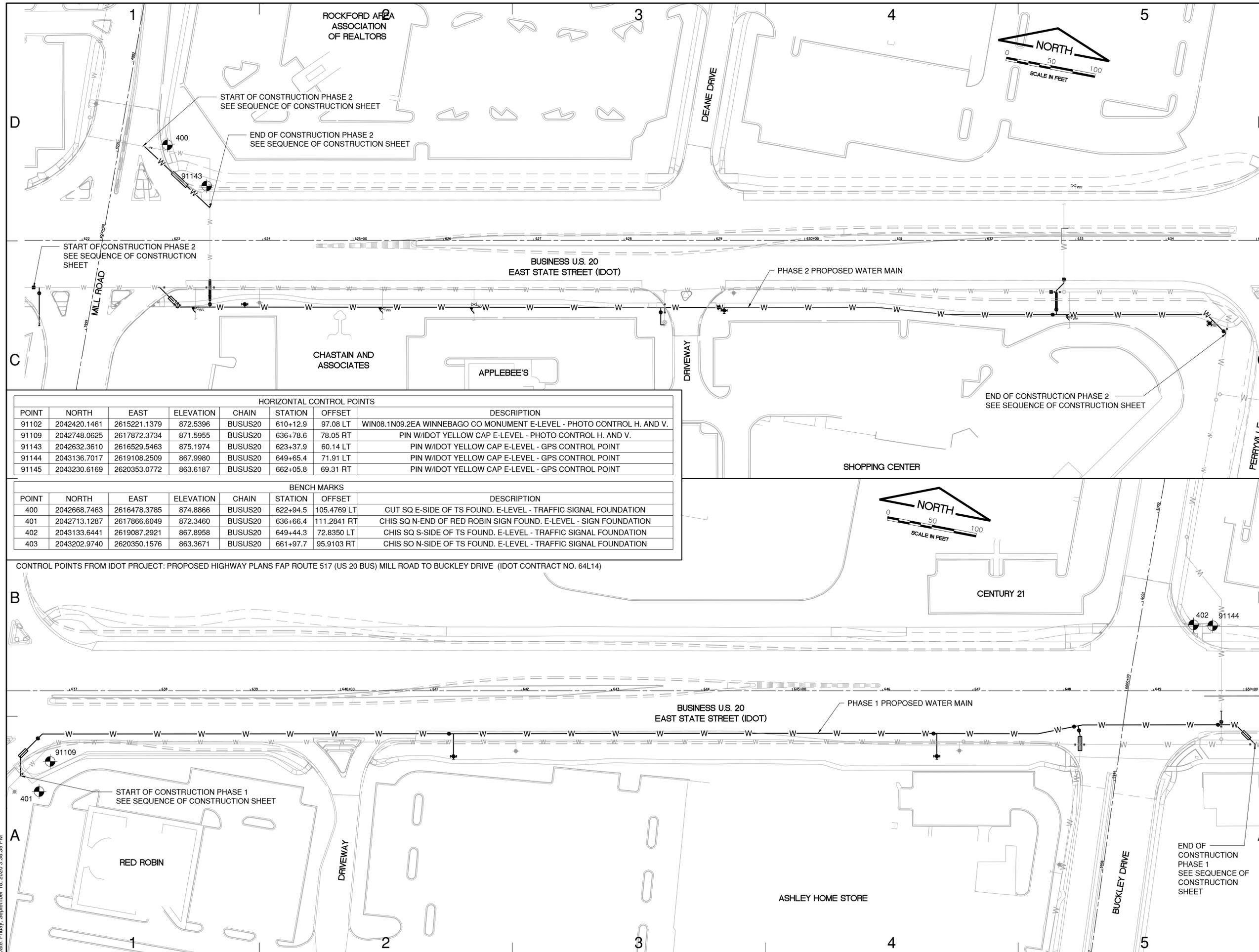
FINAL

EAST STATE STREET WATER MAIN RELOCATION



MARK	DATE	DESCRIPTION
PROJECT NO:	17260-01-00	
CAD DWG FILE:		
DESIGNED BY:	CPD	
DRAWN BY:	JRO	
CHECKED BY:	CPD	
APPROVED BY:	CPD	
COPYRIGHT:	CRAWFORD, MURPHY & TILLY, INC. 2020	

OVERALL SITE PLAN



HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
91102	2042420.1461	2615221.1379	872.5396	BUSUS20	610+12.9	97.08 LT	WIN08.1N09.2EA WINNEBAGO CO MONUMENT E-LEVEL - PHOTO CONTROL H. AND V.
91109	2042748.0625	2617872.3734	871.5955	BUSUS20	636+78.6	78.05 RT	PIN W/IDOT YELLOW CAP E-LEVEL - PHOTO CONTROL H. AND V.
91143	2042632.3610	2616529.5463	875.1974	BUSUS20	623+37.9	60.14 LT	PIN W/IDOT YELLOW CAP E-LEVEL - GPS CONTROL POINT
91144	2043136.7017	2619108.2509	867.9980	BUSUS20	649+65.4	71.91 LT	PIN W/IDOT YELLOW CAP E-LEVEL - GPS CONTROL POINT
91145	2043230.6169	2620353.0772	863.6187	BUSUS20	662+05.8	69.31 RT	PIN W/IDOT YELLOW CAP E-LEVEL - GPS CONTROL POINT

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
400	2042668.7463	2616478.3785	874.8866	BUSUS20	622+94.5	105.4769 LT	CUT SQ E-SIDE OF TS FOUND. E-LEVEL - TRAFFIC SIGNAL FOUNDATION
401	2042713.1287	2617866.6049	872.3460	BUSUS20	636+66.4	111.2841 RT	CHIS SQ N-END OF RED ROBIN SIGN FOUND. E-LEVEL - SIGN FOUNDATION
402	2043133.6441	2619087.2921	867.8958	BUSUS20	649+44.3	72.8350 LT	CHIS SQ S-SIDE OF TS FOUND. E-LEVEL - TRAFFIC SIGNAL FOUNDATION
403	2043202.9740	2620350.1576	863.3671	BUSUS20	661+97.7	95.9103 RT	CHIS SQ N-SIDE OF TS FOUND. E-LEVEL - TRAFFIC SIGNAL FOUNDATION

CONTROL POINTS FROM IDOT PROJECT: PROPOSED HIGHWAY PLANS FAP ROUTE 517 (US 20 BUS) MILL ROAD TO BUCKLEY DRIVE (IDOT CONTRACT NO. 64L14)

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Date: Friday, September 18, 2020 3:38:39 PM

MARK	DATE	DESCRIPTION
PROJECT NO:	17260-01-00	
CAD DWG FILE:		
DESIGNED BY:	CPD	
DRAWN BY:	JRO	
CHECKED BY:	CPD	
APPROVED BY:	CPD	
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SHEET TITLE
EROSION CONTROL PLAN NOTES

TEMPORARY EROSION CONTROL GENERAL NOTES

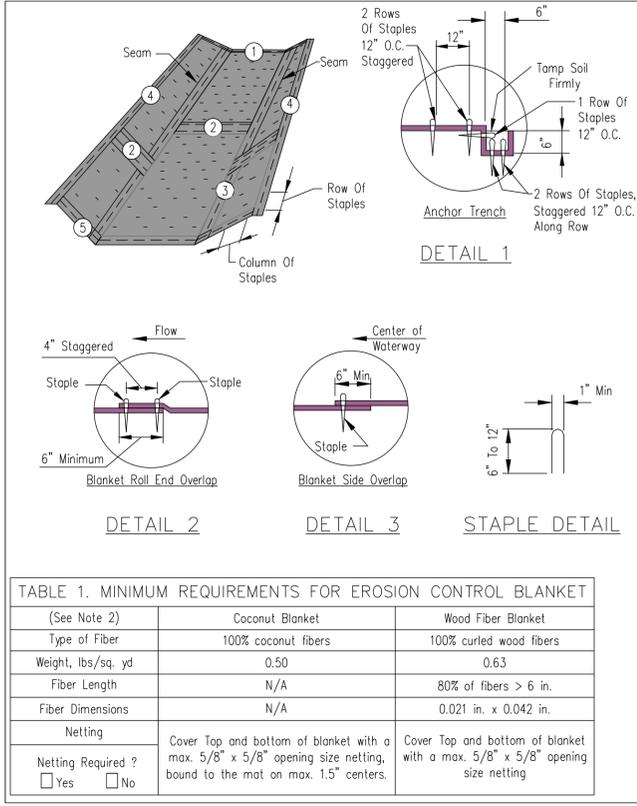
- EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE CITY OF ROCKFORD STORMWATER MANAGEMENT COMMISSION TYPICAL CONSTRUCTION SEQUENCING.
- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, CURRENT EDITION.
- THE PROJECT WILL DISTURB LESS THAN 1 ACRE. AN NPDES PERMIT WILL NOT BE REQUIRED. THE CONTRACTOR SHALL STILL BE RESPONSIBLE FOR IMPLEMENTATION OF BMPs TO CONTROL EROSION, SEDIMENT, AND OTHER PROJECT RELATED POLLUTANTS NOTED IN THE IL GENERAL NPDES PERMIT.
- THE CONTRACTOR WILL BE REQUIRED TO IMPLEMENT AND MAINTAIN EROSION CONTROL MEASURES PRIOR TO STRIPPING OF EXISTING VEGETATION.
- NO RUNOFF FROM STRIPPED AREAS WILL LEAVE THE SITE OTHER THAN THROUGH EROSION CONTROL PROTECTIVE MEASURES. THE CONTRACTOR SHALL INSTALL ADDITIONAL MEASURES AS NECESSARY TO PREVENT SEDIMENT FROM LEAVING SITE.
- ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY, AND CLEANED DAILY OR AS DIRECTED BY THE RESIDENT ENGINEER. NO DIRECT PAYMENT SHALL BE MADE FOR STREET CLEANING, BUT SHALL BE CONSIDERED INCIDENTAL TO THE WORK.
- ALL SESC MEASURES SHALL BE INSPECTED A MINIMUM ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS (OR BY THE FOLLOWING WORK DAY) OF THE END OF A RAIN EVENT OF 0.5 INCHES OR GREATER.
- THE CONTRACTOR IS RESPONSIBLE FOR PROPER INSTALLATION, INSPECTION, AND MAINTENANCE OF ALL EROSION CONTROL DEVICES. ALL EROSION CONTROL DEVICES SHALL BE MAINTAINED, REPAIRED, AND REPLACED THROUGHOUT THE ENTIRE CONSTRUCTION OF PROJECT. AFTER ACHIEVING PERMANENT VEGETATION, ALL EROSION CONTROL DEVICES SHALL BE REMOVED, ALL DRAINAGE STRUCTURES CLEANED, AND ALL AREAS DISTURBED BY INSTALLATION OF EROSION CONTROL DEVICES RESTORED. COST OF RESTORATION SHALL BE INCLUDED IN THE UNIT PRICE OF THE RESPECTIVE PAY ITEM.
- DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTION INTO STORM SEWERS OR CURB LINES IS PROHIBITED.

EROSION BLANKET INSTALLATION DETAILS

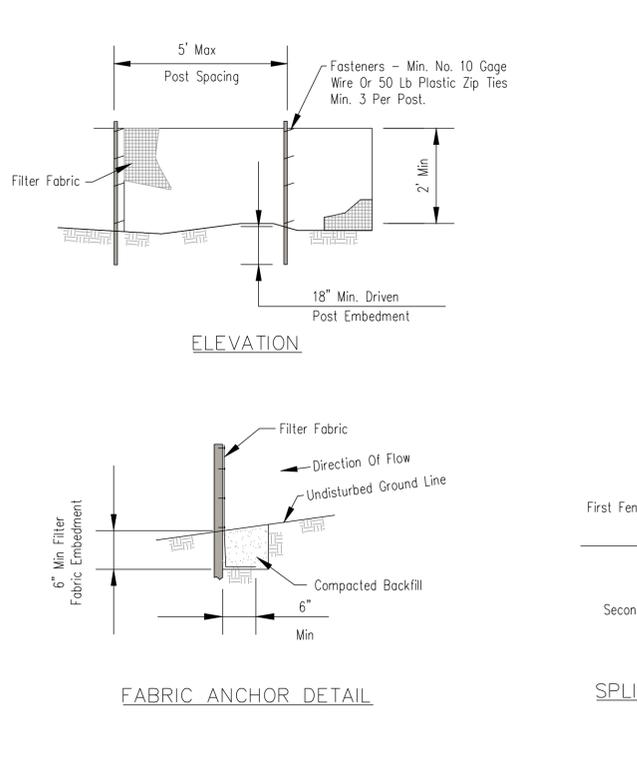
United States Department of Agriculture
Natural Resources Conservation Service

File No. IL-ENG-61
Drawing No. 1 of 1
Sheet of 1

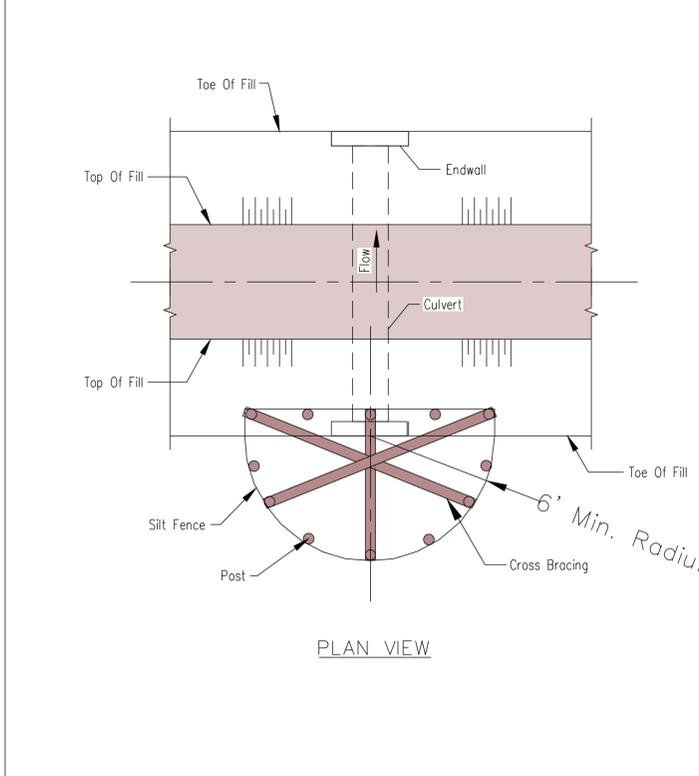
- NOTES:
- Install erosion control blanket (ECB) over waterway. Waterway Width _____ ft
ECB width _____ ft
length _____ ft
Staple _____ to _____
 - The erosion control blanket shall consist of a machine produced mat of curled wood or coconut fibers, shall have an expected material life of at least 12 months, shall be new and unused, shall be furnished in rolls, and shall meet the minimum requirements stated in Table 1 below. Alternative material may be used as long as the expected material life is at least 12 months.
 - Prepare soil prior to installing erosion control blanket, including seeding, fertilizing, and lime application.
 - The erosion control blanket shall be placed in firm contact with the soil and not be allowed to bridge over surface irregularities. The blanket shall not be stretched.
 - Start laying the blankets by rolling center blanket in the direction of flow, centered on the centerline of waterway. There shall not be an overlap of blankets at the center of the waterway.
 - The erosion control blanket shall be anchored, overlapped, and stapled according to manufacturer's instructions. If no manufacturer's instructions are available, install the blanket as follows:
 - Staples shall be "U" shaped, 0.12 in diameter wire or greater (#11 gauge). See Staple Detail for dimensions.
 - Bury upstream end of blanket in a trench 6 inch wide by 6 inch deep and stapled in staggered rows across the width as shown in Detail 1.
 - For joining ends of rolls, overlap end of upslope blanket a minimum of 6 inches over downslope blanket (shingle style). Use a double row of staggered staples 4 inches apart, as shown in Detail 2.
 - Blankets on side slopes shall overlap a minimum 6 inches over the blanket below (shingle style). Staple overlap at 12 inch intervals. See Detail 3.
 - The outer edge along sides of the blanket shall be stapled every 12 inches. See Detail 4.
 - Staples are to be placed alternately in columns (in the direction of the waterway) 2 feet apart and in rows (across the waterway) 3 feet apart, throughout the area covered by erosion blanket.
 - Downstream (terminal) end of blanket shall be stapled with a double row of staggered staples 12 inches apart. See Detail 5.



- NOTES:
- Temporary silt fence shall be installed prior to any grading work in the area to be protected. Fence shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
 - Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class 1 with equivalent opening size of at least 30 for nonwoven and 50 for woven.
 - Fence posts shall be either wood post with a minimum cross-sectional area of 1.5" X 1.5" or a standard steel post.
 - When splices are necessary make splice at post according to splice detail. Place the end post of the second fence inside the end post of the first fence. Rotate both posts together at least 180 degrees to create a tight seal with the fabric material. Cut the fabric near the bottom of the posts to accommodate the 6 inch flap. Then drive both posts and bury the flap. Compact backfill well.



- NOTES:
- The silt fence shall meet the requirements as shown on standard drawing IL-ENG-49 SILT FENCE except the maximum post spacing shall be 3 feet and the tops of posts shall be cross braced.
 - Sediment shall be removed when the sediment has accumulated to one-half the height of the silt fence.
 - The maximum drainage area to the culvert being protected is 1 acre.





CONSULTANTS

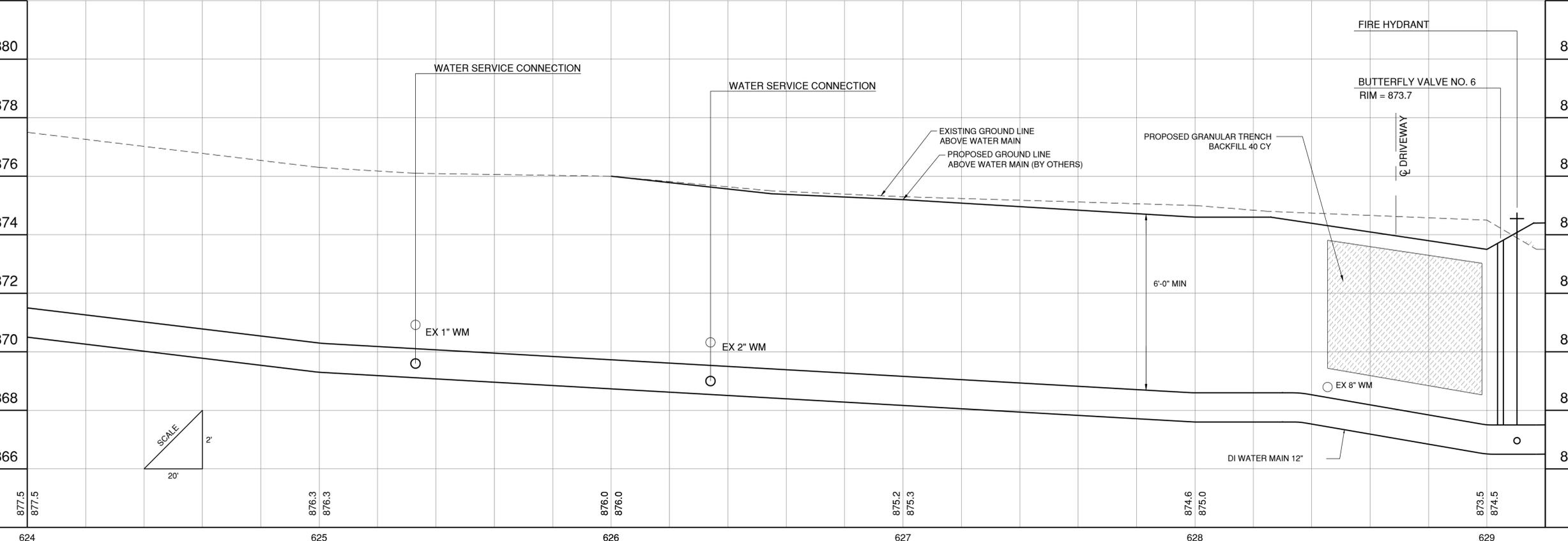
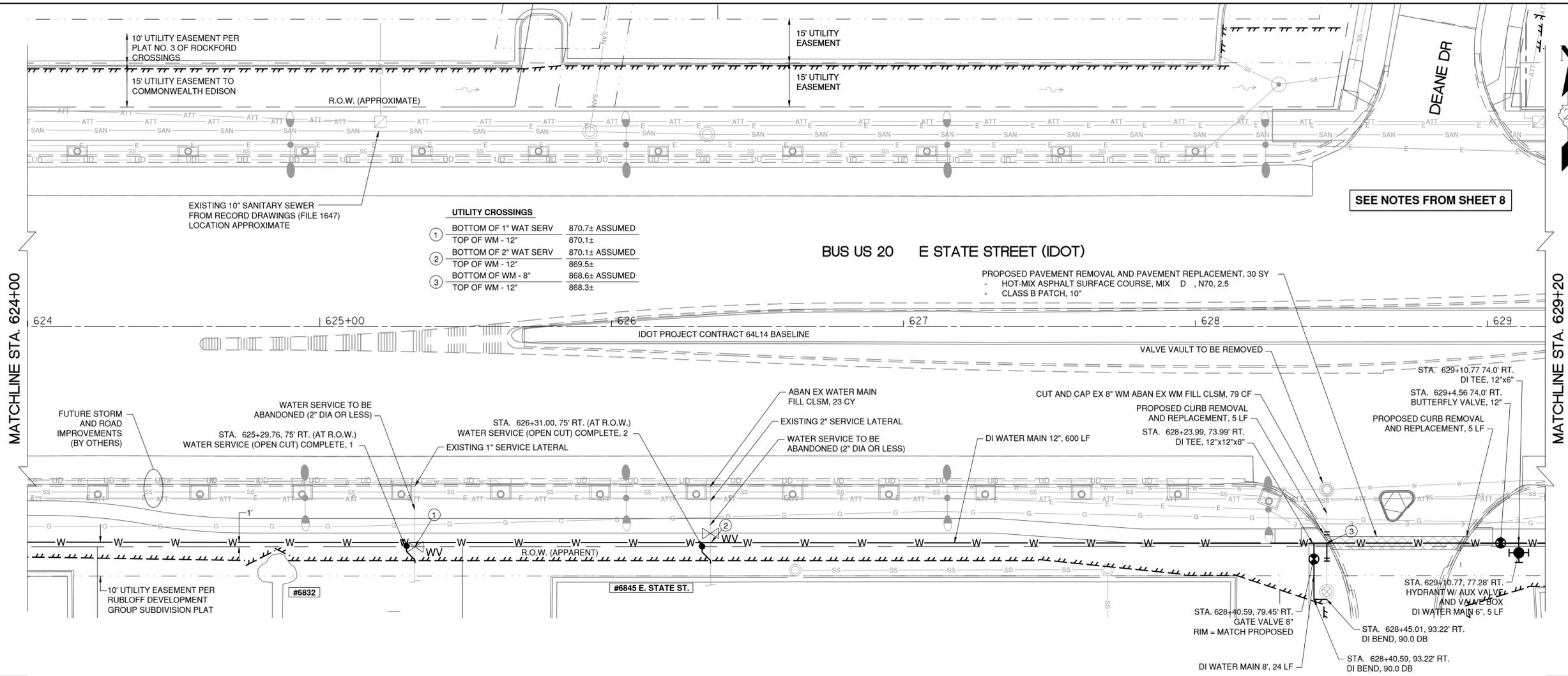
FINAL

EAST STATE STREET WATER MAIN RELOCATION



MARK	DATE	DESCRIPTION
PROJECT NO:	17260-01-00	
CAD DWG FILE:		
DESIGNED BY:	CPD	
DRAWN BY:	JRO	
CHECKED BY:	CPD	
APPROVED BY:	CPD	
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PHASE 2 WATER MAIN PLAN AND PROFILE - 2



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