

COUNTY BOARD ADDENDUM

County of Champaign, Urbana, Illinois
Thursday, June 23, 2016 – 6:30 p.m.

Lyle Shields Meeting Room, Brookens Administrative Services
1776 East Washington Street, Urbana, Illinois

Agenda Item

XVII. New Business

B. Policy, Personnel, & Appointments

County Board of Health – July 1, 2016-June 30, 2019 (3 vacancies)

- *David King*
- *David Thies*

1. Adoption of Resolution No. 9649 Appointing David King to the County Board of Health, Term July 1, 2016-June 30, 2019
2. Adoption of Resolution No. 9650 Appointing David Thies to the County Board of Health, Term July 1, 2016-June 30, 2019

C. County Facilities

1. Adoption of Resolution No. 9651 Authorizing Release of ITB 2016-005 Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work

*Roll Call

**Roll call and 15 votes

***Roll call and 17 votes

****Roll call and 12 votes

Except as otherwise stated, approval requires the vote of a majority of those County Board members present.

RESOLUTION NO. 9649

**RESOLUTION APPOINTING DAVID KING TO THE
CHAMPAIGN COUNTY BOARD OF HEALTH**

WHEREAS, Pattsie Petrie has submitted to the County Board her appointment of David King to the Champaign County Board of Health; and

WHEREAS, Such appointment requires the advice and consent of the County Board under 55 ILCS 5/5-25012;

NOW, THEREFORE, BE IT RESOLVED By the Champaign County Board that the County Board does hereby advise and consent to the appointment of David King to the Champaign County Board of Health for a term beginning July 1, 2016 and ending June 30, 2019; and

BE IT FURTHER RESOLVED That the County Clerk transmit a certified copy of this resolution to: David King 3310 Cypress Creek Road Champaign, IL 61822.

PRESENTED, ADOPTED, APPROVED, AND RECORDED this 23rd day of June A.D. 2016.

Pattsie Petrie, Chair
Champaign County Board

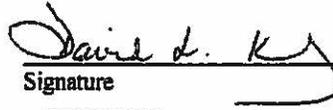
ATTEST: _____
Gordy Hulten, County Clerk
and ex-officio Clerk of the
Champaign County Board

4. Can you think of any relationship or other reason that might possibly constitute a conflict of interest if you are selected to serve on the body for which you are applying? (This question is not meant to disqualify you; it is only intended to provide information.) Yes No If yes, please explain:

5. Would you be available to regularly attend the scheduled meeting of the appointed body?

Yes No If no, please explain:

The facts set forth in my application for appointment are true and complete. I understand this application is a document of public record that will be on file in the County Board Office.



Signature

05/19/2016

Date

RESOLUTION NO. 9650

**RESOLUTION APPOINTING DAVID THIES TO THE
CHAMPAIGN COUNTY BOARD OF HEALTH**

WHEREAS, Patti Petrie has submitted to the County Board her appointment of David Thies to the Champaign County Board of Health; and

WHEREAS, Such appointment requires the advice and consent of the County Board under 55 ILCS 5/5-25012;

NOW, THEREFORE, BE IT RESOLVED By the Champaign County Board that the County Board does hereby advise and consent to the appointment of David Thies to the Champaign County Board of Health for a term commencing July 1, 2016 and ending June 30, 2019; and

BE IT FURTHER RESOLVED That the County Clerk transmit a certified copy of this resolution to: David Thies 3218 Lakeshore Drive Champaign IL 61822.

PRESENTED, ADOPTED, APPROVED, AND RECORDED this 23rd day of June A.D. 2016.

Patti Petrie, Chair
Champaign County Board

ATTEST: _____
Gordy Hulten, County Clerk
and ex-officio Clerk of the
Champaign County Board

CHAMPAIGN COUNTY APPOINTMENT REQUEST FORM

PLEASE TYPE OR PRINT IN BLACK INK

NAME: David C. Thies
ADDRESS: 3218 Lakeshore Dr. Champaign IL 61822
Street City State Zip Code
EMAIL: dthies@webberthies.com PHONE: 217-367-1126

Check Box to Have Email Address Redacted on Public Documents

NAME OF APPOINTMENT BODY OR BOARD: Champaign County Board of Health

BEGINNING DATE OF TERM: 07/01/2016 ENDING DATE: 06/30/2019

The Champaign County Board appreciates your interest in serving your community. A clear understanding of your background and philosophies will assist the County Board in establishing your qualifications. Please complete the following questions by typing or legibly printing your response. IN ORDER TO BE CONSIDERED FOR APPOINTMENT, OR REAPPOINTMENT, A CANDIDATE MUST COMPLETE AND SIGN THIS APPLICATION.

1. What experience and background do you have which you believe qualifies you for this appointment/reappointment?

I have served 2 terms on this Board. I am a practicing lawyer. I served one term on the Champaign County Board (1988-1992) representing what was then District 6.

2. What do you believe is the role of a trustee/commissioner/board member and how do you envision carrying out the responsibilities of that role?

Ours is a policy making and oversight responsibility. Often, positions taken by this board are in the nature of recommendations to the County Board. My service as a board member has and will include my study of current issues in preparation for discussion of the various issues that come before the board, as well as attempting to have a general familiarity of the needs of the county community in the area of public health in order to help to provide leadership as we seek to address those needs.

3. What is your knowledge of the appointed body's operations, specifically property holdings and management, staff, taxes, fees?

As a board member for the last 6 years I have become familiar with the interaction between this board and the staff of the Champaign-Urbana Public Health District. Further, my participation in the budget and ongoing operational oversight process of the board has allowed for greater familiarity with all financial aspects of the County health district.

4. Can you think of any relationship or other reason that might possibly constitute a conflict of interest if you are selected to serve on the body for which you are applying? (This question is not meant to disqualify you; it is only intended to provide information.) Yes No If yes, please explain:

As a practicing attorney I represent the interests of clients who engage with a variety of governmental bodies in and around the Champaign County Health District. In each such matter I analyze the potential for conflicts of interest created by my role as a member of the district board and take appropriate action to either disclose or avoid the conflict as necessary.

5. Would you be available to regularly attend the scheduled meeting of the appointed body?

Yes No If no, please explain:

The facts set forth in my application for appointment are true and complete. I understand this application is a document of public record that will be on file in the County Board Office.


Signature

6-7-2016
Date

RESOLUTION NO. 9651

RESOLUTION AUTHORIZING RELEASE OF ITB 2016-005
CHAMPAIGN COUNTY FACILITIES ADA COMPLIANCE EXTERIOR
CONCRETE & ASPHALT

WHEREAS, The Champaign County Board is required under the terms of the Settlement Agreement Between the United States of America and Champaign County, Illinois Under the Americans with Disabilities Act DJ 204-24-116 to make certain improvements to its facilities and grounds; and

WHEREAS, Timing did not allow for ITB 2016-005 to be approved by the Facilities Committee, requiring approval at the County Board; and

WHEREAS, the Facilities Director recommends the release of ITB 2016-005 Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work in order to move forward with the agreed upon improvements to Champaign County's facilities and grounds;

NOW, THEREFORE, BE IT RESOLVED that the Champaign County Board authorizes the release of ITB 2016-005 Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work.

PRESENTED, ADOPTED, APPROVED, AND RECORDED this 23rd day of June A.D. 2016.

Pattsi Petrie, Chair
Champaign County Board

ATTEST: _____
Gordy Hulten, County Clerk
and ex-officio Clerk of the
Champaign County Board

**CONTRACT DOCUMENTS
AND SPECIFICATIONS
FOR
CHAMPAIGN COUNTY FACILITIES
ADA COMPLIANCE
EXTERIOR CONCRETE AND ASPHALT WORK
ITB #2016-005**

June 23, 2016

PREPARED BY:



BERNS, CLANCY AND ASSOCIATES
ENGINEERS • SURVEYORS • PLANNERS
405 EAST MAIN STREET - POST OFFICE BOX 755
URBANA, ILLINOIS 61803-0755
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SECTION 1
LEGAL AND PROCEDURAL DOCUMENTS

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SECTION 1 - LEGAL AND PROCEDURAL DOCUMENTS

SECTION 1.1 NOTICE TO CONTRACTORS

The Owner will receive sealed Bids for furnishing of all materials and labor for the Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005, Urbana, Champaign County, Illinois.

The Owner is:
Champaign County
1776 East Washington Street
Urbana, Illinois 61802
Phone: 217-384-3776
Fax: 217-384-3896

The Engineer is:
Berns, Clancy and Associates, P.C.
Engineers • Surveyors • Planners
405 East Main Street
Post Office Box 755
Urbana, IL 61803-0755
Phone: 217-384-1144
Fax: 217-384-3355

Sealed Bids will be received until 2:00 p.m. prevailing time on July 28, 2016 at the Brookens Administrative Center, Lyle Shields Meeting Room at which time and place all bids will be publicly opened and read aloud.

The Contract Documents may be examined at the offices of the Engineer during normal business hours.

Only Plan Holders of Record that register and obtain documents from the Engineer may submit bids for this project. To register and request documents, email projects@bernsclancy.com or call 217-384-1144 to provide contact information and remit payment in the amount of \$20. A complete set of bid documents (plans and specifications) in pdf format will be emailed. Plan Holders may then make print copies as desired. Additionally, non-refundable paper copies of the documents may be secured from the Engineer by remitting \$40 for each set of Project Specifications; \$100 for each set of full size Project Plans, and / or \$30 for each set of half size Project Plans. Payment for each set shall be made in currency or by check, bank draft, or money order payable to Berns, Clancy and Associates. Each such payment will not be refunded. Partial sets of documents will not be provided.

Each bid must be accompanied by a Bid Bond, bank cashier's check, or properly certified check in the amount of \$7,500. A Contract Bond in the total amount of 100% of the contract price with a corporate surety approved by the Owner will be required for the faithful performance of the contract.

Champaign County Facilities
ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005
Urbana, Champaign County, Illinois
June 23, 2016

Project Description: This project consists of all labor, materials, equipment and incidentals to construct exterior concrete, asphalt and other miscellaneous work to meet current ADA standards at up to six (6) Champaign County Facility sites. The sites include the Champaign County Courthouse; Champaign County Nursing Home; Brookens Administrative Center; ILEAS; METCAD; and the Juvenile Detention Center in Urbana, Illinois.

The Contractor shall be required to provide certificates of insurance as indicated in the documents.

The Contractor will be required to comply with all Federal, State and Municipal laws and regulations, including those related to discrimination, prevailing wage, safety, bid-rigging, human rights, preferential employment of Illinois labor and equal opportunity employment.

Champaign County may elect to award the work for any number of the six (6) sites from one (1) through all six (6) at its sole convenience and prerogative.

Champaign County reserves the right to reject any and all bids, to waive any formalities or inconsistencies in the bids, to reduce the scope of work to accommodate the project budget, to accept any proposals which it deems most favorable, or to continue the letting from time to time as deemed in the best interest of the Owner.

Bids may be held by Champaign County for a period not to exceed 45 days from the date of the opening of bids for the purpose of reviewing the bids and investigating the qualifications of bidders, prior to awarding the contract.

A Pre-Bid Conference will be held for the project on Thursday, July 14, 2016 at 2:00 p.m., in Brookens Administrative Center, Lyle Shields Meeting Room.

Dated June 23, 2016

Dana Brenner, Facilities Director

SECTION 1.2 INSTRUCTIONS TO BIDDERS

Proposal Requirements. The attention of the Bidders is directed to Check Sheet LRS6 of the Supplemental Specifications and Recurring Special Provisions, which contains Proposal requirements and conditions that must be satisfied by all Bidders, except that Proposal Guaranty shall not be less than \$7,500.

Defined Terms. Terms used in these Instructions To Bidders, which are defined in the General Conditions, have the meanings assigned to them in the General Conditions. The term "Successful Bidder" means the lowest, responsive responsible Bidder to whom Owner (on basis of Owner's evaluations as hereinafter provided) makes an award.

Pre-Bid Conference. A Pre-Bid conference will be held for the project on Thursday, July 14, 2016 at 2:00 p.m., in Brookens Administrative Center, Lyle Shields Meeting Room.

Copies of Bidding Documents. Complete sets of the Bidding Documents in the number and for the sum stated in the Advertisement for Bids may be obtained from the Engineer. Complete sets of the Bidding Documents shall be used in preparing Bids. Neither Owner nor Engineer assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents. Owner and Engineer, in making copies of Bidding Documents available on the above terms, do so only for the purpose of obtaining Bids on the Work and do not confer a license or grant for any other use.

Competency of Bidders. The Owner may make such investigations as he deems necessary to determine the ability of the Bidder to perform the Work, and the Bidder shall furnish Owner all such information and data for this purpose as Owner may request. The Owner reserves the right to reject any Bid if the evidence submitted by, or investigation of, such Bidder fails to satisfy Owner that such Bidder is properly qualified to carry out the obligations of the agreement and to complete the Work contemplated herein.

Qualifications of Bidders. To demonstrate qualifications to perform the Work, each Bidder must be prepared to submit, within 5 days after the day of the Bid opening, written evidence of the following:

Contractor Qualifications Form (found in Section 4).

Details of any litigation or arbitration in which the Bidder has been a plaintiff or a defendant involving any Owner, architect, or Engineer for a Project in which the Bidder was a prime contractor or subcontractor.

Prequalification certificates for any State agency or department, which the Bidder holds.

Champaign County Facilities
ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005
Urbana, Champaign County, Illinois
June 23, 2016

The names and addresses of major material suppliers and subcontractors for the Project.

Uncompleted Contracts awarded to him, and all low Bids pending award for federal, state, county, municipal, or private work.

Disqualification of Bidders. Any one or more of the following causes may be considered as sufficient for the disqualification of Bidder and the rejection of his Bid:

Any one or more of the reasons set forth in Check Sheet LRS6.

Lack of competency as revealed by financial statement or experience investigations, which the Owner may choose to make.

Unsatisfactory performance record as shown by past work judged from the standpoint of workmanship and progress.

Uncompleted Work which, in the judgment of the Owner, might hinder or prevent the prompt completion of additional Work.

Prequalification of Bidders. The Owner will not require prequalification of Bidders, as set forth in Check Sheet LRS6 of the Supplemental Specifications and Recurring Special Provisions. Before award is made, the Bidder may be required to furnish an outline of his / her plans for conducting the Work. To demonstrate qualifications to perform the Work, each Bidder must be prepared to submit, within 5 days after the day of the Bid opening, further evidence of his capabilities, as requested by the Owner.

Bid-Rigging Certification. The attention of the Bidders is directed to Public Act 85-1295. By submission of a Bid for the Project, the Bidder certifies that he is not barred from bidding on the Contract as a result of a conviction or the violation of state laws prohibiting bid rigging or bid rotating in accordance with Section 33E-11 of the Illinois Criminal Code.

Interpretation of Estimated Quantities. For Bidder's convenience, Engineer has provide a short listing of major quantities to generally describe the work at each potential work site. Bidder, however, must satisfy himself of the actual scope and detail of quantities of work by examination of the site and a review of the Plans and Contract Documents including Addenda. After Bids have been submitted, the Bidder shall not assert that there was a misunderstanding concerning the quantities of Work or of the nature of the Work to be done. The failure or omission of any Bidder to do any of the foregoing shall in no way relieve the Bidder from any obligation in respect to this Bid.

Examination of the Site. Arrangements to visit and examine the site as necessary may be made by contacting Dana Brenner, Champaign County Facilities Director, phone: 217-384-3765 ext. 2143.

Champaign County Facilities
ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005
Urbana, Champaign County, Illinois
June 23, 2016

Interpretations and Addenda. The Contract Documents contain the provisions required for the construction of the Project. Information obtained from an officer, agent, or employee of the Owner or the Engineer or any other person shall not affect the risks or obligations assumed by the Bidder or relieve him from fulfilling any of the conditions of the Contract.

All questions about the meaning or intent of the Contract Documents or apparent discrepancies in the Contract Documents are to be directed to Engineer. Interpretations or clarifications considered necessary by Engineer in response to such questions will be issued by Addenda mailed or delivered to all parties recorded by Engineer as having received the Bidding Documents.

Questions received less than 5 days prior to the date for opening of Proposals may not be answered. Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. Addenda may also be issued to modify the Proposal Documents as deemed advisable by Owner or Engineer. Any Addenda issued during the pre-bid period shall be included in the Proposal, shall become a part of the Contract Documents, and shall be acknowledged on the Bidder's Proposal Form.

Compliance With Legal Requirements. Bidder shall comply with any laws, ordinances and requirements or regulations of the State of Illinois, Federal government or other authority having jurisdiction over the Work, including those related to prevailing wage, safety, human rights, preferential treatment of Illinois labor, preferential treatment of veterans, equal opportunity employment, and discrimination.

Attention of Bidders is directed to "An Act Regulating Wages of Laborers, Mechanics, and Other Workmen Employed Under Contracts for Public Work" enacted by the 62nd General Assembly, approved June 26, 1941, as amended to date, and in accordance herewith there shall be paid to each workman engaged in Contract work, not less than the prevailing wage including fringe benefits as determined by the Secretary of Labor. Bidders shall be subject to any change in rates which may be effective at the time the Contract is awarded.

Attention of Bidders is directed to the provisions of the Fair Employment Practices Act of the State of Illinois approved July 1, 1961, as amended to date, and particularly the provisions of Section 4 thereof, concerning Public Contracts. The Contract which is to be entered into shall be conditioned as provided by law.

Attention of Bidders is directed to the provisions of the Illinois Human Rights Act of the State of Illinois approved December 6, 1979, and particularly the provisions of Section 2-501 thereof, concerning Public Contracts. The Contract which is to be entered into shall be conditioned as provided by law.

Champaign County Facilities
ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005
Urbana, Champaign County, Illinois
June 23, 2016

Contents of Proposal Form. All Proposals shall be made on the Contract Documents furnished by the Owner and shall specify in ink, or typewritten, the unit prices set opposite each item of Work, the product of the respective quantities and unit prices and the total amount for which all of the Proposal Work will be done. The Proposal Form must be fully completed and executed when submitted. Only one (1) copy of the Proposal Form is required. Only sealed Proposals will be considered.

All papers bound with or attached to the Proposal Form are considered a part thereof and must not be detached or altered when the Proposal is submitted. The Plans, Specifications and other documents designated in the Proposal Form, including any addenda officially issued by the Owner, will be considered a part of the Proposal whether attached or not.

If the Bid is made by an individual, his or her name and post office address shall be shown. If made by a firm, joint venture, or partnership, the name and post office address of each member of the firm, joint venture, or partnership shall be shown. If made by a corporation, the Bid shall show the names, titles, and business addresses of the president, secretary, and treasurer, and the seal of the corporation shall be affixed and attested by the secretary. The bid form must be fully completed and executed when submitted.

Proposal Guaranty. Each Proposal shall be accompanied by a Bid Bond, bank cashier's check, or properly certified check as a Proposal Guarantee, in an amount of \$7,500, payable without condition to the Owner as a guaranty that the Bidder, if awarded the Contract, will promptly execute the Agreement in accordance with the Proposal and the other Contract Documents, and will furnish good and sufficient bond for the faithful performance of the work.

As soon as the Proposals have been compared, and the project awarded, the Owner shall return the Proposal Guarantees of all except the two (2) lowest responsible Bidders. The Proposal Guarantees of the two (2) lowest bidders will be held until receipt of a signed Contract and Contract Bond. When the Contract is executed, the Proposal Guarantee of the remaining Bidder shall be returned. The Proposal Guarantee of the successful bidder will be retained until the Contract Bond has been executed and approved, after which it will be returned.

Delivery of Proposals. Proposals shall be sealed in envelopes and marked **Proposal for the Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005** and shall be received until 2:00 p.m. on July 28, 2016, at the Brookens Administrative Center, Lyle Shields Meeting Room, and then at said place and time publicly opened and read aloud.

Champaign County Facilities
ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005
Urbana, Champaign County, Illinois
June 23, 2016

Proposals Sent By Mail. Proposals sent by mail or delivery service shall be sealed in a second or outer envelope and addressed to:

Attn: Dana Brenner
Champaign County
1776 East Washington Street
Urbana, Illinois 61802

and the envelope marked: **Contains A Proposal For The Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005.**

Opening of Proposals. Proposals will be opened at the time and place specified hereinabove. Any bid received after the time and date specified will not be considered and will be returned to the Bidder unopened. Bidders, their authorized agents and interested parties are invited to be present at the opening of the Proposals.

Alternative Bids. No alternative Bids will be considered unless alternative Bids are specifically requested by the Specifications and Contract Documents.

Right to Accept or Reject Proposals. Proposals may be rejected as improper and informal if they show omissions, alterations, erasure, additions not called for, conditional Bids or irregularities of any kind. The Owner reserves the right to waive technicalities, reject any or all Proposals, re-advertise for Proposals to perform the Work, if, in the judgment of the Owner the interest of the Owner will be enhanced thereby. A conditional, or qualified Proposal will not be accepted. All Bids and accompanying data must be submitted in conformity with, be based upon and be subject to all the requirements of the Contract Documents. The Bidder's total Proposal for completing those improvements and Project alternatives which the Owner shall elect to award, shall be used in determining the apparent low Bidder.

Consideration of Proposals. After the Proposals are opened and read, they will be compared on the basis of the summation of the products of the quantities shown in the Proposal Schedule by the Contract Unit Prices or the Lump Sum Prices, where applicable. In the event of a discrepancy between Contract Unit Prices and extensions, the Contract Unit Price shall govern. In the event of discrepancy between the indicated sum of any column and the actual sum thereof, the discrepancy will be resolved in favor of the correct sum. In awarding Contracts, the Owner will, in addition to considering the amounts stated in the Proposals, take into consideration the responsibility of the various Bidders as determined from investigations which it may elect to make. Owner reserves the right to reject any Proposal if the evidence submitted by, or investigation of, Bidder fails to satisfy Owner that the Bidder is properly qualified to carry out the obligations of the agreement and to complete the Work contemplated therein.

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Bid Withdrawal. Any Bid may be modified or withdrawn prior to the above scheduled time for the opening of Bids or authorized postponement thereof. Any Bid received after the time and date specified shall not be considered. No Bidder may withdraw a Bid within 45 calendar days after the actual date of the opening thereof. Should there be reasons why the Contract cannot be awarded within the specified period, the time may be extended by mutual agreement between the Owner and the Bidder.

Notification to Successful Bidder. The successful Bidder will be notified by the Owner by mail, as soon after the opening of Proposals as practicable, but within 45 calendar days of the date of opening of Bids.

Contract Bond. The successful Bidder, simultaneously with the execution of the Contract, will be required to furnish a Contract Bond in an amount equal to 100% of the Contract Amount and said Bond shall be secured from a surety company satisfactory to the Owner. The form of Bond the successful Bidder will be required to execute is included in the Contract Documents.

Attorneys-in-fact who sign Bid Bonds and Contract Bonds must file with each Bond a certified and effective dated copy of their power of attorney.

Insurance. The Contractor, prior to the execution of the Contract, shall file with Owner a copy of a completed Certificate Of Insurance satisfactory to the Owner, to afford protection against all claims for Worker's Compensation, damages to public or private property, inquiries to persons arising out of and during the progress of the Work to its completion and other insurance as set forth by the Contract Documents. The policy of insurance shall include the Owner as an additional insured or provide separate coverage with an Owner's Protective Policy. The minimum amounts of insurance shall be as set forth in the General Special Provisions.

Execution of Contract. The Champaign County Board will consider the Bids at their August 18, 2016 Meeting. The Notice of Award will be issued following approval of award of the project. The successful Bidder will be required to execute the Contract, obtain adequate insurance coverage, and obtain the Contract Bond within fifteen (15) calendar days from the date when Notice of Award is delivered to the Bidder. The Notice of Award shall be accompanied by the necessary Contract and Contract Bond forms. In case of failure of the Bidder to execute the Contractor to provide acceptable insurance coverage or Contract Bond, the Owner may, at his option, consider the Bidder in default, in which case the Proposal Guaranty accompanying the Proposal shall become the property of the Owner.

The Owner, within thirty (30) days of receipt of acceptable Contract Bond, evidence of proper insurance, and Contract signed by the party to whom the Contract was awarded, shall sign the Contract and return to such party an executed copy. Should the Owner not execute the Contract within such period, the Bidder may, by written notice, withdraw his signed Contract. Such notice of withdrawal shall be effective upon receipt of the notice by the Owner.

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Notice to Proceed. The Notice to Proceed shall be issued within fifteen (15) days of the execution of the Contract by the Owner. Should there be reasons why the Notice to Proceed cannot be issued within such period, the time may be extended by mutual agreement between the Owner and Contractor. If the Notice to Proceed has not been issued within the fifteen (15) day period or within the period mutually agreed upon, the Contractor may terminate the Contract without further liability on the part of either party.

Contract Time. The Commencement Date for all Work contained in the Contract is August 31, 2016.

The Substantial Completion Date for all Work contained in the Contract is September 30, 2016, as set forth in the Instructions To Bidders.

Payment to the Contractor. Payment shall be made monthly from invoices submitted to the Engineer by the Contractor. Payments will be made by check; no payments will be made with bonds.

Liquidated Damages. Provisions for Liquidated Damages are set forth in the Contract Documents and in the Agreement.

The Contract Documents, including the Instructions to Bidders, General Specifications, Technical Specifications, Bidding and Contract Documents and Plans, contain the provisions required for the construction of the Project. Information obtained from an officer, agent or employee of the Owner or any other person shall not affect the risks or obligations assumed by the Contractor or relieve him / her from fulfilling any of the conditions of the Contract.

The low Bidder shall supply the names and addresses of major material Suppliers and Subcontractors when requested to do so by the Owner.

A Notice of Award will be furnished to the low, responsive, responsible Bidder within 45 calendar days after the bid opening to the lowest qualified Bidder whose bid meets the qualifications presented in these Specifications.

The party to whom the Contract is awarded will be required to execute the Contract Forms, obtain adequate insurance coverage and obtain the Contract Bond within 15 calendar days from the date when Notice of Award is delivered to the Bidder. The Notice of Award shall be accompanied by the necessary Contract Forms and Bond forms. In case of failure of the Bidder to execute the Contract, the Owner may at his / her option consider the Bidder in default, in which case the Bid Bond accompanying the proposal shall become the property of the Owner.

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The Owner within 15 days of receipt of acceptable Contract Bond and Contract signed by the party to whom the Contract was awarded shall sign the Contract and return to such party an executed duplicate of the Contract. Should the Owner not execute the Contract within such period, the Bidder may by Written Notice withdraw the signed Contract. Such notice of withdrawal shall be effective upon receipt of the notice by the Owner.

The Notice to Proceed shall be issued within 15 days of the execution of the Contract by the Owner. Should there be reasons why the Notice to Proceed cannot be issued within such period, the time may be extended by mutual agreement between the Owner and Contractor. If the Notice to Proceed has not been issued within the 15 day period or within the period mutually agreed upon, the Contractor may terminate the Contract without further liability on the part of either party.

All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the Project shall apply to the contract throughout.

All time limits designated as days within these documents shall be interpreted to mean calendar days.

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SECTION 2 – GENERAL SPECIFICATIONS

SECTION 2.1 CORRELATION OF CONTRACT DOCUMENTS

Standard Specifications. The Project shall be governed by the General Requirements and Covenants of the "Standard Specifications for Road and Bridge Construction" adopted April 1, 2016 by the Illinois Department of Transportation as amended by the "Supplemental Specifications and Recurring Special Provisions" adopted April 1, 2016, except as noted below. In case of conflict, the following General Specifications shall govern.

The Project Work shall be governed by the "Standard Specifications for Road and Bridge Construction" adopted April 1, 2016 by the Illinois Department of Transportation as amended by the "Supplemental Specifications and Recurring Special Provisions" adopted April 1, 2016, except as noted below. In case of conflict, the following General Specifications shall govern. These specifications are hereafter referred to as "Standard Specifications". These Contract Documents contain modifications and additions to the Standard Specifications for Road and Bridge Construction. In case of conflict, these Contract Documents shall govern.

Where in the Plans or the Contract Documents the term "Standard Specifications" is referred to, it shall be understood to mean the above-referenced specifications.

Traffic Control Devices and Other Traffic Control Items. The latest edition in effect on the date of issuance of the Contract Documents of the "Manual on Uniform Traffic Control Devices" prepared or adopted by the Illinois Department of Transportation, shall govern all items and requirements relating to the application of traffic control devices, traffic safety, and traffic control within or around the construction site.

Highway Standards. "Highway Standards" prepared by the Illinois Department of Transportation provide typical details of standard designs of various appurtenances which may be referenced in the Plans and which supplement the Standard Specifications. The Highway Standards applicable to and included in this project are referenced by standard number and are listed on the Plans. In the event of a conflict between and Illinois Department of Transportation Highway Standard and a detail shown of the Plans, the more stringent requirement shall prevail.

Water and Sewer Main Standards. The "Standard Specifications for Water and Sewer Main Construction in Illinois", Seventh Edition, 2014, shall govern the Project with regard to construction specifications for water line, sanitary sewer force main, casing pipe, and sanitary sewer construction. In case of conflict, these Contract Documents shall govern.

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Sources for Copies of Standards. Copies of the “Standard Specifications for Road and Bridge Construction”, the “Supplemental Specifications and Recurring Special Provisions”, and the “Manual on Uniform Traffic Control Devices” can be obtained from:

The Illinois Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

Copies of the “Standard Specifications for Water and Sewer Main Construction in Illinois” can be obtained from the following:

Illinois Society of Professional Engineers
100 East Washington Street
Springfield, Illinois 62701

Illinois Municipal League
500 East Capital Avenue
Post Office Box 5180
Springfield, Illinois 62705-5180

Plans Included in Contract. The Plans are an integral part of the Contract Documents and are included in these Documents by reference. The Plans are titled: “Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005, Urbana, Champaign County, Illinois”, and were prepared by Berns, Clancy and Associates, P.C., dated June 23, 2016.

The Plans include work to be performed by the Contractor.

Standard Drawings. To the extent that they are applicable, standard drawings included in the “Standard Specifications for Water and Sewer Main Construction in Illinois” shall be considered as a part of the drawings included in the Construct Documents for this Work.

SECTION 2.2 LOCATION AND DESCRIPTION OF THE PROJECT

Project Location: This project will consist of work to be performed at up to six (6) sites. The sites include the Champaign County Courthouse; Champaign County Nursing Home; Brookens Administrative Center; ILEAS; METCAD; and the Juvenile Detention Center in Urbana, Illinois.

Project Description: This project consists of all labor, materials, equipment and incidentals to construct exterior concrete, asphalt and other miscellaneous work to meet current ADA standards at up to six (6) Champaign County Facility sites. The sites include the Champaign County Courthouse; Champaign County Nursing Home;

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Brookens Administrative Center; ILEAS; METCAD; and the Juvenile Detention Center in Urbana, Illinois.

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The work shall include all labor, materials, tools, equipment and incidentals necessary for the proper execution and completion of the Project as shown on the Plans and as specified in the Contract Documents. It shall also include all work not specifically mentioned in the Contract Documents which is properly inferable and necessary for the completion of the Project, including carrying out all duties and obligations imposed upon the Contractor by the Contract Documents.

SECTION 2.3 DEFINITION OF TERMS

In addition to the terms defined in the General Specifications, whenever the following terms are used, their intent and meaning shall be interpreted as follows:

Abbreviations

AAN	American Association of Nurserymen
AASHTO	American Association of State Highway and Transportation Officials
ANSI	American National Standards Institute
AREA	American Railway Engineering Association
ASHRAE	American Society of Heating, Refrigeration, and Air Conditioning Engineers
ASLA	American Society of Landscape Architects
ASTM	American Society for Testing and Materials
AWG	American Wire Gauge
AWPA	American Wood Preservers Association
AWS	American Welding Society
AWWA	American Water Works Association
AGCI	Associated General Contractors in Illinois
ESDA	Emergency Services and Disaster Agency
FHWA	Federal Highway Administration
FSS	Federal Specifications and Standards of the General Services Administration
IDOL	Illinois Department of Labor
IDPH	Illinois Department of Public Health
IDOT	Illinois Department of Transportation
IEPA	Illinois Environmental Protection Agency
ISPE	Illinois Society of Professional Engineers
MSS	Manufacturers Standardization Society
NEC	National Electric Code
NEMA	National Electrical Manufacturers Association
NESC	National Electrical Safety Code
NFPA	National Fire Protection Association
NSF	National Sanitation Test Laboratory Foundation
OSHA	Occupational Safety and Health Act
OSFM	Office of the State Fire Marshall

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SAE	Society of Automotive Engineers
UL	Underwriters Laboratories
USASI	United States of America Standards Institute

Addenda - Written or graphic instruments issued prior to the opening of bids which clarify, correct, interpret, or change the bidding documents or the Contract Documents.

Advertisement – The public announcement, as required by law, inviting bids for the equipment to be purchased, materials to be furnished, or the items to be constructed.

Agreement - The written Agreement or Contract between Owner and Contractor covering the Work to be performed; other Contract Documents are attached to the Agreement and made a part thereof as provided therein.

Application for Payment - The form accepted by the Engineer which is to be used by the Contractor in requesting progress or final payments and which is to include such supporting documentation as required by the Contract Documents or the Owner.

Asbestos – Any material that contains more than one percent (1%) asbestos and is friable or is releasing asbestos fibers into the air above current actions levels established by the United States Occupational Safety and Health Administration.

Award – The decision of the Owner in the form of a letter of intent to accept the proposal of the lowest responsible bidder for the work, subject to the approval and execution of a satisfactory contract by the Owner, receipt of a bond to secure the performance thereof, and compliance with such other conditions as may be specified or otherwise required by law.

Bid – The offer or proposal of the Bidder submitted on the prescribed form setting forth the prices for the work to be performed, accompanied by all required supporting materials.

Bidder - Any individual, firm, partnership, or corporation submitting a Proposal for the equipment contemplated, acting directly or through a duly authorized representative.

Bidding Documents - The advertisement or invitation to Bid, Instructions to Bidders, the Bid Form, and the proposed Contract Documents (including all Addenda issued prior to receipt of Bids)

Bidding Requirements - The advertisement or invitation to Bid, Instructions to Bidders, and the Bid Form.

Bonds - Bid, Contract Bonds and other instruments of security.

Calendar Day - Every day shown on the calendar.

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Cataclysmic Event – An occurrence, caused exclusively by any of the irresistible forces of nature, that is an unexpected, singular event without continued, persistent existence or that is irregularly predictable. The event must occur without the involvement of human causative action, and must not be preventable or capable substantial limitation in its impact by application of human care, skill or foresight. Cataclysmic events include earthquakes, floods, flash floods of surface water caused by heavy rains and runoff water, tornadoes or other cataclysmic phenomena of nature.

Change Order - A document recommended by Engineer, which is signed as approved by Contractor and the Owner which authorizes an addition, deletion, or revision in the Work, or an adjustment in the Contract Price or the Contract Time, issued on or after the Effective Date of the Contract, which serves as a written amendment to the Contract Documents.

Codes – Codes are rules, regulations, or statutory requirements of government agencies.

Completion - The Work as described on the Plans, Specifications and Contract Documents has been accomplished in its entirety, including all restoration work, clean-up work, corrective work, and required submittal of all documentation. All items which require correction due to final inspection ("punch list items") shall be corrected or reconstructed in their entirety before completion of the project. The Work is not complete if any item of Work of any type remains to be accomplished or if the Contractor has not submitted any required documents, including but not limited to operator's manuals, Shop Drawings and other documents essential for completion or maintenance of the Work, or if Contractor has not completed any of the "punch list" items, or has not completed any obligation imposed on Contractor by the Contract Documents.

Contract Documents – The Agreement, Addenda (which pertain to the Contract Documents), Contractor's Bid (including documentation accompanying the Bid and any post-Bid documentation submitted prior to the Notice of Award), Notice to Proceed, the Contract Bond, these General Specifications, the Standard Specifications, the Technical Specifications, and the Drawings as the same are more specifically identified in the Agreement, together with all written Amendments, Work Change Directives, Field Orders, Change Orders, and Engineer's written interpretations and clarifications issued pursuant to these General Specifications on or after the Effective Date of the Agreement. Shop Drawings and Submittals are not Contract Documents.

Contract Price - The monies payable by Owner to Contractor under the terms of the Contract Documents as stated in the Contract.

Contract Time — The number of days or dates stated in the Agreement: (i) to achieve Substantial Completion, and (ii) to complete the Work so that it is ready for final payment as evidenced by Engineer's written recommendation for final payment.

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Contractor — The person, firm or corporation with whom Owner has entered into the Agreement.

Defective – An adjective which when modifying the word Work refers to Work that is unsatisfactory, faulty or deficient, in that it does not conform to the Contract Documents, or does not meet the requirements of any inspection, reference standard, test or approval referred to in the Contract Documents, or has been damaged prior to Engineer's recommendation of final payment.

Drawings – The drawings which show the character and scope, extent and character of the Work to be furnished and performed by Contractor and which have been prepared and approved by Engineer and are referred to in the Contract Documents. Shop Drawings are not Drawings as defined. When the word "Plans" is used in the Standard Specifications for Road and Bridge Construction or other parts of the Contract Documents, it shall have the same meaning as "Drawings".

Effective Date of the Agreement – The date indicated in the Agreement on which it becomes effective, but if no such date is indicated it means the date on which the Agreement is signed and delivered by the last of the two (2) parties to sign and deliver.

Engineer - Berns, Clancy and Associates, P.C. or their designated representative.

Equipment – All machinery and equipment, together with the necessary supplies for upkeep and maintenance, and also tools and apparatus necessary for the proper construction and acceptable completion of the work.

Extra Work – An item of work not provided for in the Contract as awarded but found essential and germane to the satisfactory completion of the Contract within its intended scope as determined by the Engineer.

Fabricated – Fabricated pertains to items specifically assembled or made of selected materials or components to meet individual design requirements.

Field Order - A written order issued by Engineer which orders minor changes in the Work in accordance with the Contract Documents, but which does not involve a significant change in the Contract Price or the Contract Time. A Field Order may also be issued to respond to unforeseen site conditions or to respond to an emergency, which involves more significant revisions to the Work, and will provide evidence that the parties expect that the change documented by the Field Order will be incorporated into a subsequently issued Change Order.

Flood – A flood shall be deemed to have occurred when rainfall exceeds 5 inches during any 24 hour period or 4 inches during any 12 hour period.

Force Main – A pipe constructed or used to carry sewage under pressure.

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General Requirements - Sections of the General Conditions and Specifications.

Hazardous Waste – The term Hazardous Waste shall have the meaning provided in Section 1004 of the Solid Waste Disposal Act (42 USC Section 6903) as amended from time to time.

Inspector – The authorized agent of the Owner assigned to make detailed observations of any or all portions of the Work.

Laws and Regulations; Laws or Regulations - Any and all applicable laws, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.

Laboratory - An established testing laboratory approved by the Engineer.

Liens - Liens, charges, security interests or encumbrances upon real property or personal property.

Local Public Agency – Champaign County, 1776 East Washington Street, Urbana, Illinois 61802..

Manhole – A vertical enclosed structure providing access to a pipeline or other structure.

Manufactured – Manufactured means standard units, usually mass produced by an established manufacturer of the respective item.

Milestone – A principal event specified in the Contract Documents relating to an intermediate completion date or time prior to Substantial Completion of all the Work.

Notice of Award - The written notice by the Owner to the apparent successful Bidder stating that upon completion by the apparent successful Bidder with the conditions precedent enumerated therein, within the time specified, the Owner will sign and deliver the Contract.

Notice to Proceed - A written notice given by the Owner to the Contractor (with a copy to the Engineer) fixing the date on which the Contract Time will commence to run and on which the Contractor shall start to perform the Contractor's obligations under the Contract Documents.

Owner – Champaign County, 1776 East Washington Street, Urbana, Champaign County, Illinois 61802.

Partial Utilization - Use by Owner of a substantially completed part of the Work for the purpose for which it is intended (or a related purpose) prior to Substantial Completion of all the Work.

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Pay Item - A specifically described unit of Work for which a price is provided in the contract.

Petroleum – Petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute), such as oil, petroleum, fuel oil, oil sludge, oil refuse, gasoline, kerosene, and oil mixed with other non-Hazardous Wastes and crude oils.

Plans - The approved plans, profiles, typical cross sections, working drawings, and supplemental drawings, or exact reproductions thereof, which show the location, character, dimensions, and details of the work to be done.

Plumbing – Plumbing shall be as defined in the latest adopted Illinois State Plumbing Code, copies of which are available from the Illinois Department of Public Health, Division of Engineering and Sanitation.

Project – The total construction of which the Work will be provided under the Contract Documents may be the whole, or a part, as indicated elsewhere in the Contract Documents.

Proposal Guaranty – The security designated in the Proposal to be furnished by the Bidder as a guaranty that said Bidder will enter into a contract with the Owner for the acceptable performance of the Work and will furnish the required Contract Bond, if the Work is awarded to him.

Radioactive Material - Source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (42 USC Section 201) as amended from time to time.

Resident Inspector / Resident Project Representative – The authorized representative of the Owner who may be assigned to the site or any part thereof.

Samples – Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish standards by which such portion of the Work will be judged.

Sanitary Sewer – Any sewer constructed or used for the purpose of carrying waterborne waste.

Shop Drawings - All drawings, diagrams, illustrations, schedules, catalogue cuts, and other data which are specifically prepared by or for the Contractor to illustrate some portion of the Work and all illustrations, brochures, standard schedules, performance charts, instructions, diagrams and other information prepared by a Supplier and submitted by the Contractor to illustrate material or equipment for some portion of the Work.

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Specifications - Those portions of the Contract Documents consisting of written technical descriptions of materials, equipment, construction systems, standards, and Workmanship as applied to the Work, and certain administrative details applicable thereto.

Standards - Standards are requirements set by authorities, custom or general consent and established as accepted criteria.

Storm Sewer – A sewer constructed or used for carrying stormwater or subsurface water to a stormwater outlet.

Subcontractor - An individual, firm or corporation having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work at the site.

Substantial Completion - The Work has progressed to the point where, in the opinion of Engineer, it is sufficiently complete, in accordance with the Contract Documents, so that the Work is ready for semi-final payment. The term "Substantial Completion" does not mean "Completion".

Supplier – A manufacturer, fabricator, distributor, material man or vendor having a direct contract with Contractor or any subcontractor to furnish material or equipment to be incorporated into the work as well as any person or organization which provides materials or equipment for the Work, including those items fabricated to a special design, but who does not perform labor at the site.

Underground Facilities - All pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or attachments, and any encasements containing such facilities which have been installed underground to furnish any of the following services or materials: electricity, gases, steam, liquid petroleum products, telephone or other communications, cable television, sewage and drainage removal, traffic or other control systems, or water.

Unit Price Work - Work to be paid for on the basis of unit prices. There is no unit price work in this Contract.

Utility - The privately, publicly or cooperatively owned lines, facilities and systems for producing, transmitting or distributing communications, power, electricity, light, heat, gas, oil, crude products, water, steam, waste, storm water not connected with highway drainage, and other similar commodities, including publicly owned fire and police signal systems and street lighting systems, which directly or indirectly serve the public or any part thereof. The term "utility" shall also mean the utility company, inclusive of any wholly owned or controlled subsidiary.

Water Main – A pipe constructed or used to carry potable water under pressure.

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Water Service Line - That line connected to the water main which delivers potable water to the user's facilities.

Work - The entire completed project includes delivering and furnishing the equipment, labor, tools, materials and other incidentals to the site and providing technical service to Owner for installation of the equipment and successful completion of the project improvements and the various separately identifiable parts thereof required to be furnished under the Contract Documents.

Work Change Directive – A written directive to Contractor, issued on or after the Effective Date of the Agreement and signed by Owner, ordering an addition, deletions, or revision in the Work, or responding to differing or unforeseen physical conditions under which the Work is to be performed. A Work Change Directive may make a minor change in the Contract Price and will not change the Contract Times.

Written Amendment - A written amendment of the Contract Documents, signed by Owner and Contractor on or after the Effective Date of the Agreement and normally dealing with the non-engineering or nontechnical rather than strictly construction-related aspects of the Contact Documents.

SECTION 2.4 GUARANTY PERIOD

The Contractor shall warrant all Work performed for a period of 1 year from the date of final acceptance in writing by the Engineer. In case of acceptance of a part of the Work for use or occupancy prior to the final acceptance of the entire Work, the guarantee for the part so accepted shall be for a period of 1 year from the date of such partial acceptance, in writing, by the Engineer.

Neither the final certificate of payment nor any provision in the Contract nor partial or entire use of the Improvements embraced in the Contract by the Owner or the public shall constitute an acceptance of work not done in accordance with the Contract or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. The Contractor shall promptly remedy any defects in the work and pay for any damage to other work resulting therefrom which shall appear within a period of 1 year from the date of final acceptance of the Work.

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If, within 1 year after the date of final acceptance or such longer period of time as may be prescribed by the terms of any applicable special guarantee required by the Contract Documents or by any specific provision of the Contract Documents, any Work is found to be defective, Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions, either correct such defective Work, or, if it has been rejected by Owner, remove it from the site and replace it with non-defective Work. If Contractor does not promptly comply with the terms of such instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or the rejected Work removed and replaced, and all direct, indirect and consequential costs of such removal and replacement (including but not limited to fees and charges of engineers, architects, attorneys and other professionals) will be paid by Contractor.

SECTION 2.5 CONSTRUCTION COMPLETION AND TIME LIMIT FOR THE PROJECT

The Contractor shall complete the entire Project within 40 calendar days excluding seeding. Liquidated damages shall be specified in Article 108.09 of the Standard Specifications and shall be in the amount of \$750 for each calendar day past the contract time limit for Project completion. The Contact Time may be changed only by written Change Order.

Time is of the essence to the Contract. All time limits designated as days within these documents shall be interpreted to mean Calendar Days. The liquidated damages for failure to complete the Contract on time are approximate, due to the impracticality of calculating and providing actual delay costs. Should the Contractor fail to complete the work stipulated in the Contract on or before the completion date stipulated in the Contract or within such extended time as may have been allowed, the Contractor shall be liable to the Owner in the amount specified above for each calendar day, not as a penalty but as liquidated damages for each day of overrun in the Contract time or such extended time as may have been allowed. The Owner will deduct these liquidated damages from any monies due or to become due to the Contractor from the Owner.

SECTION 2.6 CONSTRUCTION SCHEDULE

Time is an essential element of the Contract and the Engineer will be monitoring the Contractor's progress toward completion. Pursuant to the goal of timely completion, the Contractor shall submit to the Engineer for review, within ten (10) calendar days after Notice to Proceed is issued, a feasible progress schedule showing the order in which the Contractor proposes to carry on the Work, the dates on which he will start controlling items and number of crews to be utilized in the performance of this specified work, and the contemplated dates for completing same.

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The Contractor shall submit an updated construction schedule to the Engineer with every partial payment request. It shall show how the work of the Contractor is progressing in relation to the original construction schedule and in relation to the dates for completion stated in the Agreement. Progress payments to the Contractor may be withheld by the Owner until an updated schedule is received and reviewed by the Engineer.

In the sole judgment of the Engineer, if the Contractor has failed to comply with his approved progress schedule, the Contractor shall submit a revised project schedule when requested to do so by the Engineer. The revised schedule shall show how he proposes to prosecute the balance of the Work. The Contractor shall submit a revised progress schedule within ten (10) calendar days after the date of the request by the Engineer. The Contractor shall make every progress schedule submitted by him consistent with all Contract requirements regarding the order of performance of portions of the Work. No payment will be made to the Contractor while he is delinquent in the submission of the progress schedule.

The Contractor shall use all practicable means to make the progress of the Work conform to that shown on the progress schedule which is in effect. If the Contractor falls behind the scheduled progress, he shall take such steps as may be necessary to improve his progress. In the event of his failure to do so, the Engineer may request him to increase any and all of his forces, shifts, days or hours of work, and construction plans so as to improve his progress as required by the schedule, without additional cost to the Owner.

SECTION 2.7 PRE-CONSTRUCTION MEETING

The Contractor shall meet with the Engineer and the Owner's Representative after the agreement is signed but before any work on the project is started. This meeting shall be arranged by the Engineer and shall take place at the project site unless other arrangements are made. The purpose of this meeting is to make sure that the Contractor fully understands the intention and full import of the Contract Documents, and to answer any questions the Contractor may have, or clarify any apparent discrepancies he has noted.

The Contractor shall submit his Construction Schedule at this meeting, which the Engineer shall examine for feasibility. The Contractor shall abide by any changes in such work scheduled deemed necessary by the Owner and Engineer. At this time, the Contractor shall also submit his schedule for submission of shop drawings and his anticipated schedule of payments.

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The Contractor shall submit his Traffic Control Plan at this meeting, and the Engineer and Owner shall examine it for feasibility. The Contractor shall abide by any changes to the Plan deemed necessary by the Owner and the Engineer. The Contractor and Owner shall also review the Storm Water Pollution Prevention Plan (SWPPP) at this meeting, if required.

SECTION 2.8 STRUCTURES AND UTILITIES ENCOUNTERED

The Contractor shall comply with Article 105.07 of the Standard Specifications and the following additional provisions.

The Contractor is advised that various underground and surface utilities and structures may or may not be shown on the Plans. The locations and dimensions of such facilities where shown, do not purport to be absolutely correct. Such facilities are plotted on the Plans for the information of the Contractor, but information so given is not to be construed as a representation that such facilities will be found or encountered exactly as plotted. Other utilities and structures also may be encountered which are not shown on the Plans. The Owner or its Engineer assumes no responsibility whatever in respect to the sufficiency or accuracy of the information shown in the Plans relative to the presence or location of such facilities.

The Contractor shall maintain in operating condition all utilities encountered in the Work. The Contractor shall be entirely responsible for all damages to water pipes; electrical conduits; existing drains or sewers; gas pipes; and poles carrying electrical current, telephone or cable television lines, during the prosecution of the Work and shall be liable for damages to public or private property resulting therefrom, which amount may be deducted from any monies due him for Work done. Any damage to existing utilities as a result of the Contractor's construction operations shall be repaired to the satisfaction of the utility owner at the Contractor's expense, whether or not said utilities are shown on the Plans.

Before beginning Work, it shall be solely the Contractor's responsibility to coordinate with the utility owners and to determine the actual location of all such facilities. He shall also obtain from the respective utility companies detailed information relative to the location of their facilities and the working schedules of the utility companies for removing or adjusting them.

For field locations of all utilities call "JULIE" at 800-892-0123.

Utilities which are within the limits of the Project and which interfere with the proposed construction are to be moved or removed, as shown on the Plans, at no cost to the Contractor except as otherwise provided for in the Standard Specifications, Specifications, or as noted in the Plans.

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It is understood and agreed that the Contractor has considered in his bid all of the known, and otherwise unknown, permanent and temporary utility appurtenances in their present or relocated position and that no additional compensation will be allowed for any delay, inconvenience or damage sustained to him due to any interference from the said utility appurtenances or the operation of moving them either by the utility companies or by him; or for any special construction methods or sequences required in prosecuting his Work due to the existence of said appurtenances either in their present or relocated positions.

The Contractor shall care for and maintain all sewers, drains, drainage ditches, water and gas mains, conduits, culverts, building and foundations encountered, together with the services thereon, and shall maintain or otherwise provide for the service of water, gas, electricity and other utilities disturbed. Whenever such structures are interfered with, the Contractor shall, if necessary, provide temporary water, gas, sewer or other pipes necessary to maintain such services. Where necessary, existing inlets, etc. shall be protected, removed or replaced or reconstructed. The Contractor shall promptly repair building connections and services including septic tanks and their seepage fields, if broken. In case such repairs are not made promptly or satisfactorily, the Owner may have the repairs made and may deduct the cost thereof from any moneys due or to become due to the Contractor.

SECTION 2.9 SUBSURFACE INVESTIGATION

When the Plans or Specifications include information pertaining to subsurface exploration, boring, test pits and other preliminary investigation, such information represents only the best knowledge of the Owner as to the location, character or quantity of the materials encountered and is only included for the convenience of the Contractor. The Owner and Engineer assume no responsibility whatever in respect to the sufficiency or accuracy of the information, and there is no guaranty, either expressed or implied, that the conditions indicated are representative of those existing throughout the Work, or that unanticipated developments may not occur. All soil information upon which the design was prepared is available for examination by all prospective bidders at the office of the Engineer.

SECTION 2.10 CONTINGENCY BID ITEMS AND QUANTITIES

Some proposal items and their respective quantities if noted on the Summary of Quantities in the Plans and the Schedule of Prices may not be shown on the Plans. These proposal items, if noted, are listed to establish a unit price. In addition, some quantities include a contingency quantity which has been estimated to allow for various amounts of Work which may or may not be required as a result of actual field conditions. The need for this Work will be determined by the Engineer during the construction process.

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It shall be understood that no allowance will be considered in the actual unit prices bid for these items as a result of an increase or decrease in the actual quantity of Work to be performed.

SECTION 2.11 PRIVATE CONTRACTING WORK

It is acknowledged that occasions may arise during the course of the construction Work where adjacent private property owners may request the Contractor to perform certain work under separate contract (e.g., private driveways, sidewalks, etc.). Such private contracting work is acceptable to the Owner; however, the Project's construction Work, time schedule, specification or conditions shall not be jeopardized by such private contracting work. During construction, the Engineer shall be kept informed by the Contractor as to the general extent and scheduling of any such private work.

SECTION 2.12 CONTRACTOR EXPERIENCE

The Contractor affirmatively represents that he is skilled and experienced in the use and interpretation of Plans, Drawings and Specifications such as those included in the Contract Documents. Further, he also affirmatively represents that he has carefully reviewed the Plans, Drawings and Specifications of the Contract and that he has based his bid solely on these Documents, not relying in any way on any explanation or interpretation, oral or written, from any other source.

Unless the Contractor shall give written notice to the Engineer of any ambiguities contained in the Plans, Drawings and Specifications prior to the submission of his bid, the Contractor agrees that it shall be conclusively presumed that the Contractor has exercised his aforementioned skill and experience and found the Plans, Drawings and Specifications sufficient and free from ambiguities, errors, or omissions for the purpose of determining his Contract Bid Price for the performance of the Work in conformity with the Plans, Drawings and Specifications.

If the Contractor is required to do Extra Work not shown in the Contract Documents of which the Contractor could reasonably not have been expected to discover by exercising this aforementioned skill and experience, an equitable adjustment in the Contract Price will be made as provided in Section 109 of the Standard Specifications.

SECTION 2.13 LIABILITY LIMITATION

The Contractor affirmatively represents that he is skilled and experienced in the use and interpretation of Plans, Drawings and Specifications such as those included in the Contract Documents. Further, he also affirmatively represents that he has carefully reviewed the Plans, Drawings and Specifications of the Contract and that he has based his bid solely on these Documents, not relying in any way on any explanation or interpretation, oral or written, from any other source.

Unless the Contractor shall give written notice to the Engineer of any ambiguities contained in the Plans, Drawings and Specifications prior to the submission of his bid, the Contractor agrees that it shall be conclusively presumed that the Contractor has exercised his aforementioned skill and experience and found the Plans, Drawings and Specifications sufficient and free from ambiguities, errors, or omissions for the purpose of determining his Contract bid price for the performance of the Work in conformity with the Plans, Drawings and Specifications.

Further, the Contractor affirmatively agrees to limit the total aggregate liability of the Owner, the Engineer, and their agents and / or consultant to an amount not to exceed \$1,500,000 for consequential and incidental damages he may suffer with respect to any act of professional negligence associated or connected with the design Plans, Drawings and Specifications from which the Contractor prepared his contract bid price. The Contractor further agrees to obtain from his Subcontractor(s) as a condition precedent to their performance, a like limitation of liability such that the total aggregate liability of the Owner, the Engineer, their agents, and / or consultants to the Contractor, and all Subcontractor(s) shall not exceed \$1,500,000 for consequential and incidental damages.

It is understood and agreed between the parties hereto that this limitation of liability clause shall be confined in application to only those matters affecting the Contract Bid Price and shall not affect any party's liability for personal injury or property damage arising or resulting from the sole negligence of any party, his agents, or employees.

If the Contractor is required to do extra work not shown in the Contract Documents or which the Contractor could reasonably not have been expected to discover by exercising this aforementioned skill and experience, an equitable adjustment in the Contract Bid Price will be made as provided in Section 109 of the Standard Specifications.

SECTION 2.14 INDEMNIFICATION

To the greatest extent permitted by law, the Contractor agrees to indemnify, defend, and save harmless the Owner, and the Engineer, their consultants, agents, and employees, from and against all loss or expense (including costs and attorney's fees) by reason of liability imposed by law upon the Owner and the Engineer, their consultants, agents, and employees for damages because of bodily injury, including death at any time resulting therefrom, sustained by any person or persons or on account of damage to property, including loss of use thereof, arising out of or in consequence of the performance of the Work, whether such injuries to person or damage to property is due or claimed to be due to the negligence of the Contractor, his Subcontractor, the Owner, the Engineer and their consultants, agents, and employees, except only such injury or damage as shall have been occasioned by the sole negligence of the Owner, the Engineer and their agents and / or consultants.

SECTION 2.15 RESPONSIBILITY FOR DAMAGE CLAIMS

The Contractor shall indemnify and save harmless the Owner, the Engineer, and their officers, employees and agents, from all suits, actions or claims of any character brought because of any injuries or damages received or sustained by any person, persons, or property on account of the operations of said Contractor; or on account of, or in consequence of, any neglect in safeguarding the Work; or through the use of unacceptable materials in constructing the Work: or because of any act or omission, neglect, or misconduct of said Contractor; or from any claims or amounts arising or recovered under the "Worker's Compensation Act", or any other law, ordinance, or other decree; and so much of the money due said Contractor under and by virtue of the Contract as shall be considered necessary by the Owner for such purposes may be retained for the use of the Owner.

To the greatest extent permitted by law, the Contractor agrees to indemnify, defend, and save harmless the Owner, and the Engineer, their consultants, agents, and employees, from and against all loss or expense (including costs and attorney's fees) by reason of liability imposed by law upon the Owner and the Engineer, their consultants, agents, and employees for damages because of bodily injury, including death at any time resulting therefrom, sustained by any person or persons or on account of damage to property, including loss of use thereof, arising out of or in consequence of the performance of the Work, whether such injuries to person or damage to property is due or claimed to be due to the negligence of the Contractor, his Subcontractor, the Owner, the Engineer and their consultants, agents, and employees, except only such injury or damage as shall have been occasioned by the sole negligence of the Owner, the Engineer and their agents and / or consultants.

SECTION 2.16 EXTRA WORK

If the Engineer determines that an item of the Work not provided for in the Contract is essential to the satisfactory completion of the Contract within its intended scope, this item constitutes Extra Work. Extra Work involves an adjustment in the Contract Price and the Contract Time. The Contractor may make a claim for payment for extra work as provided in Section 109 of the Standard Specifications. The Contractor shall notify the Engineer regarding the time and extent of Extra Work before any Extra Work takes place. Claims for Extra Work for which the Engineer did not receive advance notification and provide written approval will be rejected.

SECTION 2.17 BONDS

Contract and Other Bonds. Contractor shall furnish a Contract Bond in an amount 100% of the contract price as security for the faithful performance and payment of all Contractors' obligations under the Contract Documents. This Bond shall remain in effect at least until 1 year after the date when final payment becomes due, except as provided otherwise by Laws or Regulations or by the Contract Documents. Contractor shall also furnish such other Bonds as are required by the Contract Documents.

All bonds shall be in the form prescribed by the Contract Documents except as provided otherwise by Laws or Regulations, and shall be executed by such sureties as are named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Financial Management Service, Surety Bond Branch, U.S. Department of Treasury. All Bonds signed by an agent must be accompanied by a certified copy of such agent's authority to act.

If the surety on any Bond furnished by Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in any state where any part of the Project is located within twenty (20) days thereafter substitute another Bond and surety, both of which shall comply with the requirements of these Contract Documents.

Licensed Sureties and Insurers. All Bonds and Insurance required by the Contract Documents to be purchased and maintained by the Owner or Contractor shall be obtained from surety or insurance companies that are duly licensed or authorized in the jurisdiction in which the Project is located to issue Bonds or insurance policies for the limits and coverages so required. Such surety and insurance companies shall also meet such additional requirements and qualifications as may be provided in the Supplementary Conditions.

SECTION 2.18 INSURANCE

The Contractor shall not commence work under the Contract until all the insurance required by the Standard Specifications has been obtained. The Contractor shall maintain in force the coverages required in this section for the term of the Contract. Also, the Contractor shall not allow any Subcontractor to commence Work on any portion of the Project without evidence that the Subcontractor has insurance coverage equal to the coverages required in this section.

Insurance Required of The Contractor. Prior to commencement of the Work, the Contractor shall purchase and maintain during the term of the Project such insurance as will protect him, the Owner(s), and the Engineer(s) from claims arising out of the Work described in this Contract and performed by the Contractor, Subcontractor(s) or Sub-Subcontractor(s) consisting of:

1. A Comprehensive Commercial General Liability policy to cover bodily injury to persons other than employees, and for damage to tangible property, including the following exposures:
 - a. All premises and operations.
 - b. Explosion, collapse and underground damage.
 - c. Contractor's Protective liability coverage for independent Contractors or Subcontractors employed by him.
 - d. Broad Form Blanket Contractual Liability for the obligations assumed in the Contract, including the Indemnification and Hold Harmless terms of these Specifications.
 - e. Broad Form Property Damage Coverage.
 - f. Products and Completed Operations coverage. This coverage shall extend through the Contract Guaranty period.
 - g. Personal Injury Liability endorsement with no exclusion pertaining to employment.
 - h. The Owner and Engineer shall be listed as additional insureds upon the policy, unless separate coverage is provided by an Owner's Protective Liability Policy.

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2. A Comprehensive Automobile Liability policy to cover bodily injury and property damage arising out of the ownership, maintenance or use of any motor vehicle, including owned, non-owned and hired vehicles. In light of standard policy provisions concerning (1) loading and unloading and (2) definitions pertaining to motor vehicles licensed for road use vs. unlicensed or self-propelled construction equipment, it is strongly recommended that the Comprehensive General Liability and the Comprehensive Auto Liability be written by the same insurance carrier, though not necessarily in one policy.
3. Umbrella or Excess Liability. The Contractor is granted the option of arranging coverage under a single policy for the full limits required or by a combination of underlying policies with the balance provided by an excess or umbrella liability policy equal to the total limit(s) requested. Umbrella or excess policy wording shall be at least as broad as the primary or underlying policy(ies) and shall apply both to the Contractor's general liability and to his automobile liability insurance.
4. Worker's Compensation Insurance including Employer's liability to cover employee injuries or disease compensable under the Worker's Compensation Statues of Illinois.
5. Builders Risk Insurance. The Contractor shall purchase a Builder's Risk-Installation Policy in a form acceptable to the Owner covering property of the Project for the full cost of replacement as of the time of any loss which shall include, as named insured, (1) the Contractor, (2) all Subcontractor(s), (3) all Sub-Subcontractor(s), (4) the Owner, and (5) the Engineer, as their respective interest may provide to be at the time of loss, covering insurable property which is the subject of this contract, whether in place, stored at the job site, stored elsewhere, or in transit at the risk of the insured(s). Coverage shall be affected on an "All risk" form including, but not limited to, the perils of fire, wind, vandalism, collapse, theft and earthquake, with the exclusions normal to the coverage. The Contractor may arrange for such deductibles as he deems to be within his ability to self-assume, but he will be held solely responsible for the amount of such deductible and for any coinsurance penalties. Any insured loss shall be adjusted with the Owner and the Contractor and paid to the Owner and Contractor as trustee for the other insureds.

Contractor at his option may arrange to self-insure for coverage provided by Builders Risk-Installation Floater Insurance. However, Contractor shall normally be held solely responsible for all risk and cost associated with self-insurance coverage and any losses that may be incurred that would be insured by such coverage.

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6. If the Owner and Engineer are not listed as additional insureds on the Contractor's policy, the Contractor shall purchase for the Owner an Owner's Protective Liability policy to protect the Owner, the Engineer, their consultants, agents, employees, and such public corporations whose jurisdiction the Work is located for their contingent liability for Work performed by the Contractor and the Subcontractor(s) under this Contract.

Limits of Liability. The required limits of liability for insurance coverage required of the Contractor shall be not less than the following:

1. Commercial General Liability

Each Occurrence	\$1,000,000
Personal and Advertising Injury	\$1,000,000
General Aggregate	\$1,500,000
Products / Completed Operations Aggregate	\$1,500,000

2. Comprehensive Automobile Liability

Combined Single Limit	\$1,000,000
Bodily Injury - Each Person	\$1,000,000
Bodily Injury - Each Occurrence	\$1,000,000
Property Damage – Each Occurrence	\$1,000,000

3. Umbrella Liability

Occurrence	\$5,000,000
Each Occurrence Aggregate	\$5,000,000

4. Worker's Compensation

Coverage A - Compensation	Statutory
Coverage B - Employer's Liability	
Per Accident	\$500,000
Per Person	\$500,000
Disease Policy Limit	\$500,000

5. Builders Risk

Per Structure / Cost to repair at time of loss	\$2,000,000
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6. Owner's Protective

Bodily Injury - Each Occurrence	\$1,000,000
Property Damage - Each Occurrence	\$1,000,000

Other Requirements.

1. Notice of Cancellation or Intent Not to Renew

Policies will be endorsed to provide that at least 30 days written Notice shall be given to the Owner and to the Engineer of cancellation or of intent not to renew. The Insurance provided by the Contractor shall provide that in the event the insurance should be changed or canceled, such change or cancellation shall not be effective until 30 days after the Owner has received written notice of such change or cancellation from the insurance company.

2. Evidence of Coverage

Prior to commencement of the work, the Contractor shall furnish to the Owner, Certificates of Insurance in Force on the Insurance Services Office Accord Form. Certificates of Insurance shall provide thirty (30) days written notice of non-renewal, reduction, or cancellation. The certificates will be signed by the insurance companies or their authorized agents. The insurance companies must be authorized to do business in the State of Illinois.

The Owner reserves the right to request complete copies of policies if deemed necessary to ascertain details of coverage not provided by the certificates. Such policy copies shall be "Originally Signed Copies," and so designated. The acceptance and filing by the Engineer and / or the Owner of a Certificate or Certificates of Insurance disclosing coverage which does not meet the requirements of these specifications shall not constitute a waiver of those requirements by the Owner nor operate to release the Contractor from his / her obligation to provide the required insurance coverage.

3. Failure to Provide Coverage

Failure on the part of the Contractor to secure acceptable insurance coverage within fifteen (15) days after the issuance of Notice of Award shall be just cause for the cancellation of the award and forfeiture of the Proposal Guaranty to the Owner, not as a penalty but in payment of liquidated damages sustained as a result of such failure.

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4. Prompt Coverage

If Owner has not yet received evidence of acceptable insurance coverage within five (5) days after execution of the Contract, Owner at its option, may issue notice that the Contract Time had begun to run, but that Contractor may not proceed with construction activities until written approval of adequate insurance coverage has been issued by the Owner.

5. Insurance to Remain in Effect

Insurance coverage as required above shall be kept in force until all Work to be performed under the terms of the Contract has been accepted by the Owner, and it is clearly understood that the upkeep of these insurance policies until acceptance of the Work by the Owner is a part of the Contract. The Contractor shall include the cost of all such insurance in his unit bid prices and no extra compensation will be granted to him, nor will any deduction be made by the Owner due to Extra Work and/or decreased quantities of Work and / or elimination of items. Failure of the Contractor to maintain proper and adequate insurance shall be grounds for the Owner to consider the Contractor to be in default on the Contract.

SECTION 2.19 AUTHORITY AND RESPONSIBILITY

The Engineer shall not guaranty the Work of any Contractor or Subcontractor, shall have not authority to stop the work, shall have no supervision or control as to the Work or persons doing the Work, shall not have charge of the Work, shall not be responsible for safety in, on, or about the job site or have any control of the safety or adequacy of any equipment, building component, scaffolding, supports, forms, traffic control or other work aids.

SECTION 2.20 CLARIFICATIONS AND INTERPRETATIONS

Engineer will issue with reasonable promptness such written clarifications or interpretations of the requirements of the Contract Documents (in the form of drawings or otherwise) as Engineer may determine necessary, which shall be consistent with or reasonably inferable from the overall intent of the Contract Documents. If Contractor believes that a written clarification or interpretation justifies an increase in the Contract Price or an extension of the Contract Time and the Parties are unable to agree to the amount or extent thereof, the Contractor may make a claim therefor as provided in Section 109 of the Standard Specifications.

SECTION 2.21 AUTHORIZED VARIATIONS IN WORK

Engineer may authorize minor variations in the Work from the requirements of the Contract Documents which do not involve a significant adjustment in the Contract Price or the Contract Time and are consistent with the overall intent of the Contract Documents. These may be accomplished by a Work Change Directive or by a Field Order and will be binding on Owner, and also on the Contractor who shall perform the Work involved promptly. If Contractor believes the Field Order justifies an increase in the Contract Price or an extension of the Contract Time and the parties are unable to agree as to the amount or extent thereof, Contractor may make a claim therefor as provided in Section 109 of the Standard Specifications.

SECTION 2.22 LIMITATIONS ON ENGINEER'S RESPONSIBILITIES

Neither Engineer's authority to act under this Section or elsewhere in the Contract Documents nor any decision made by Engineer in good faith either to exercise or not exercise such authority shall give rise to any duty or responsibility of the Engineer to the Contractor, any Subcontractor, any Supplier, or any other person or organization performing any of the Work, or to any surety for any of them.

Whenever in the Contract Documents the terms "as ordered", "as directed", "as required", "as allowed", "as approved", or terms of like effect or import are used, or the adjectives "reasonable", "suitable", "acceptable", "proper" or "satisfactory" or adjectives of like effect or import are used to describe a requirement, direction, review or judgment of the Engineer as to the Work, it is intended that such requirement, direction, review or judgment will be solely to evaluate the Work for compliance with the Contract Documents (unless there is a specific statement indicating otherwise).

The use of any such term or adjective shall not be effective to assign to the Engineer any duty or authority to supervise or direct the furnishing or performance of the Work or any duty or authority to undertake responsibility contrary to the provisions of the Contract Documents.

Engineer will not be responsible for Contractor's means, methods, techniques, sequences or procedures of construction, or the safety precautions and programs incident thereto, and Engineer will not be responsible for Contractor's failure to perform or furnish the Work in accordance with the Contract Documents. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any person or organization performing or furnishing any of the Work. Engineer will not supervise, control, direct, have authority over, or be responsible for any methods, employees, or activities of Contractor.

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The Engineer will make visits to the site at intervals appropriate to the various stages of construction to observe as an experienced and qualified design professional the progress and quality of the executed Work of the Contractor and to determine in general if such Work is proceeding in accordance with the Contract Documents. The Engineer shall not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of such Work. During such visits and on the basis of on-site observations, the Engineer may recommend to the Owner that the Owner disapprove or reject Work failing to conform with the Contract Documents. Any reference to "supervision" by the Engineer in the Standard Specifications or any other referenced document shall be changed to "observation".

SECTION 2.23 "OR EQUAL" CLAUSE

Whenever any article, material or equipment is defined by describing a proprietary product, or by using the name of manufacturer or vendor, the term "or approved equal", if not inserted, shall be implied. The specific article, material or equipment mentioned shall be understood as indicating the type, function, minimum standard of design, efficiency and quality desired, and shall not be construed in such a manner as to exclude manufacturer's products of comparable quality, design and efficiency. Approval in writing for specific articles, materials and equipment shall be obtained from the Engineer.

SECTION 2.24 COORDINATION OF WORK

Various agencies of the Owner, other contractors, and utilities may be performing work in and around the work area. The Contractor shall coordinate his work with the work of others. The utility companies will remove, relocate, construct or adjust utilities as noted on the Plans. Coordination of the Contractor's activities with other activities or events in the area shall be considered incidental to the Contract and no additional compensation shall be allowed for any inconveniences or delays that might be caused.

SECTION 2.25 PAYMENT FOR WORK

Payment to the Contractor shall be made monthly from applications for payment submitted to the Owner by the Contractor and as more fully described in Section 109 of the Standard Specifications. Payments will be made in the form of a check issued by Owner.

Partial payment shall be made as a lump sum, less 10% retainage, for each site which has reached completion at time of payment application submittal. Per each site with ongoing construction, payment shall be made in the amount of 50% of the Contract Lump Sum, pending approximate site completion of 50% and / or at the discretion of the Engineer.

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The amount of any partial pay estimate, less any sums that have been deducted or retained under the provisions of the contract, will be paid to the Contractor as soon as practicable after the submission of the Contractor's Application for Payment, provided the Contractor has furnished to the Owner satisfactory evidence that all sums of money due for any labor, materials, apparatus, fixtures, or machinery furnished for the purpose of such improvements to date have been paid or that the person or persons to whom the same may be due have consented to such partial payment. The Contractor will be required to submit to the Engineer the Contractor's Application for Payment, Contractor's Partial Affidavit, Contractor's Verified Statement, and Contractor's Partial Waiver of Lien forms. The forms will be furnished to the Contractor by the Engineer. The forms must be completed and approved by the Engineer and Owner before payment to the Contractor. Retainage shall remain at 10% throughout the project until final payment.

The Contractor will also be required to provide a Contractor's Final Waiver of Lien and Final Waiver of Lien forms from all Subcontractors and Suppliers at the time an application for Final Payment is made.

SECTION 2.26 CONTRACTOR'S WARRANTY OF TITLE

Contractor warrants and guarantees that title to all Work, materials and equipment covered by any Application for Payment, whether incorporated in the Project or not, will pass to Owner no later than the time of payment free and clear of all liens.

SECTION 2.27 CONTRACTOR'S CONTINUING OBLIGATION

Contractor's obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. Neither recommendation of any progress or final payment by Engineer, nor the issuance of a Certificate of Substantial Completion, nor any use or occupancy of the Work or any part hereof by Owner, nor any act of acceptance by Owner nor any failure to do so, nor any review and approval of a Shop Drawing or sample submission, nor the issuance of a notice of acceptability by Engineer nor any correction of defective Work by Owner will constitute an acceptance of Work not in accordance with the Contract Documents or a release of Contractor's obligation to perform the Work in accordance with the Contract Documents.

SECTION 2.28 REMOVAL OF UNACCEPTABLE WORK

All Work which does not conform to the requirements of the Contract will be considered unacceptable unless otherwise determined acceptable under the provisions of Article 105.03 of the Standard Specifications. Unacceptable work, whether the result of poor workmanship, use of defective materials, damage through carelessness or any other cause, found to exist prior to the final acceptance of the Work, shall be removed immediately and replaced in an acceptable manner.

**SECTION 2.29 PROTECTION OF ENVIRONMENT, ENDANGERED SPECIES,
AND ANTIQUITIES**

The Contractor shall take sufficient precautions to prevent pollution of the Project site and adjacent areas with fuels, oils, bitumens, calcium chloride or other harmful materials. Erosion control features shall be constructed concurrently with other Work as directed by the Engineer, so as to minimize soil erosion.

The Contractor shall not disturb designated natural areas, identified locations where State or Federal-listed endangered or threatened species are known to occur, or areas that have been designated as essential habitat for such species where the Owner has made commitments for protection of these locations / areas. Also, if natural areas or locations suspected of containing protected species are identified during construction, the Contractor shall notify the Engineer of their presence and shall not disturb them unless written permission to do so is granted by the Engineer.

The Contractor shall take reasonable precautions to avoid disturbing aboriginal records and antiquities of archeological, paleontological or historical significance. No objects of this nature shall be disturbed without the written permission of the Engineer. When such objects are uncovered unexpectedly, the Contractor shall immediately notify the Engineer of their presence and shall not disturb them until written permission to do so is granted.

**SECTION 2.30 PROTECTION OF EXISTING FEATURES WITHIN AND
ADJACENT TO THE WORK AREA**

The Contractor shall preserve and protect all existing trees, shrubs, plantings, street signs, parking meters, fences, retaining walls, buildings, entry ways, surface materials, property survey monuments, structures, and utility line appurtenances. Any required protection of existing features within and adjacent to the work area shall be considered incidental to the Contract.

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Any damage to existing features within and adjacent to the work area, created by failure of the Contractor to provide adequate protection from his construction operations, shall be repaired or replaced to the satisfaction of the respective Owner at the Contractor's expense. See Article 107.20 of the Standard Specifications for further details.

The Contractor shall preserve and protect all permanent survey markers including private property corner markers, section or quarter monuments and permanent benchmarks. Survey markers necessarily moved as a result of proposed construction, or otherwise damaged by the Contractor shall be replaced at the Contractor's expense by an Illinois Professional Land Surveyor.

SECTION 2.31 PROTECTION OF WORKERS

Each Contractor is reminded that the Occupational Safety and Health Administration of the U.S. Department of Labor (OSHA) has certain requirements pertaining to protection of workers when working excavation is being performed. These are set forth in Sub Part P of 29 CFR Chapter XVII as updated on July 1, 1986. The Contractor shall be fully aware of these requirements and is notified that it is his / her responsibility to comply fully with them.

There will be no extras charge for performing any work needed to comply with these requirements.

SECTION 2.32 SHOP DRAWINGS AND SAMPLES

After checking and verifying all field measurements and after complying with applicable procedures specified in Article 105.04 of the Standard Specifications, the Contractor shall submit 7 copies of all Shop Drawings to the Engineer for review and approval or for other action if so indicated in the Specifications. All Shop Drawings will bear a stamp or specific written indication that the Contractor has satisfied the Contractor's responsibilities under the Contract Documents with respect to the review of the submission. All submissions will be identified as the Engineer may require. The data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to enable the Engineer to review the information as required.

Contractor, at his option, may elect to submit Shop Drawings in an electronic format. Electronic submissions shall provide all of the information required for a paper submittal. Contractor shall be responsible for distributing electronic copies of reviewed Shop Drawings to all appropriate parties.

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The Contractor shall also submit to the Engineer for review and approval with such promptness as to cause no delay in the Work, all Samples required by the Contract Documents. All Samples will have been checked by the Contractor and bear a specific written indication that the Contractor has satisfied the Contractor's responsibilities under the Contract Documents with respect to the review of the submission. Also, the Sample will be identified clearly as to material, Supplier, pertinent data such as catalog numbers, and the use for which the Samples is intended.

Before submission of each Shop Drawing or Sample, the Contractor shall have determined and verified all quantities, dimensions, specified performance criteria, installation requirements, materials, catalog numbers, and similar data with respect thereto and reviewed or coordinated each Shop Drawing or Samples with any other Shop Drawings or Samples and with the requirements of the Work and the Contract Documents. Any Shop Drawings submitted without Contractor's review and stamp of approval will not be considered and will be returned to Contractor without review for proper resubmission.

Shop Drawings and Samples shall be submitted sufficiently in advance and with such promptness as to assure that delivery duties and completion dates as set up under the progress schedule will be accomplished. The Contractor shall take into account the possibility of the necessity for correction and resubmission of Shop Drawings after review by the Engineer. Shop Drawings and Samples shall be properly identified with the name and location of the building or Project, the name of the Contractor, the Subcontractor, and the Engineer, the drawing number, and the date. A letter of transmittal shall contain similar information.

At the time of each submission, the Contractor shall give the Engineer specific written notice of each variation that the Shop Drawings or Samples may have from the requirements of the Contract Documents, and, in addition, shall cause a specific notation of each variation to be made on each Shop Drawing submitted to the Engineer for review and approval.

The Engineer will review and approve with reasonable promptness Shop Drawings and Samples, but the Engineer's review and approval will be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents and shall not extend to means, methods, techniques, sequences, or procedures of construction (except where a specific means, method, technique, sequence, or procedure of construction is indicated in or required by the Contract Documents) or to safety precautions or programs incident thereto. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.

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The Contractor shall make corrections required by the Engineer, and shall return the required number of corrected copies of Shop Drawings and submit as required new Samples for review and approval. The Contractor shall direct specific attention in writing to revisions he has made to the Shop Drawings and Samples in addition to the corrections called for by the Engineer on the previous submittals.

The Engineer's review and approval of Shop Drawings or Samples shall not relieve the Contractor from responsibility for any variation from the requirements of the Contract Documents unless the Contractor has in writing called the Engineer's attention to each such variation at the time of submission and the Engineer has given approval of each such variation by a specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample approval; nor will any approval by the Engineer relieve the Contractor from responsibility for having verified information as outlined above.

Where a Shop Drawing or Sample is required by the Contract Documents, any related Work performed prior to the Engineer's review and approval of the pertinent submission will be at the sole expense and responsibility of the Contractor.

SECTION 2.33 PRODUCTS

The Engineer reserves the right to require a statement from the manufacture of any manufactured materials that the specific materials have been inspected and tested and conform with the Specifications.

SECTION 2.34 OPERATION AND MAINTENANCE MANUALS

When making shop drawing submittals the Contractor shall also submit to the Engineer for review five (5) copies of operation and maintenance literature for all equipment. All manuals shall have been reviewed by and stamped with the approval of Contractor.

Progress payments of the subject equipment shall not be allowed until the operation and maintenance literature is submitted and accepted by the Engineer.

The operation and maintenance manuals shall be published by the manufacturer of the equipment and shall contain at least the following information:

1. Preventative Maintenance
2. Troubleshooting Procedures
3. List of Parts and Part Numbers
4. List of Parts Suppliers and Servicemen

5. Service and Repair
6. Operating Instructions and Limitations
7. Electrical Requirements
8. Any additional information deemed by the manufacturer to be pertinent to the operation and maintenance of the equipment

SECTION 2.35 PROGRESS MEETINGS

Progress meetings will be scheduled on a monthly basis throughout the progress of the work. If the Engineer deems it is necessary, he will schedule additional meetings with the Contractor and the Contractor and his Subcontractors, if requested, shall attend these meetings. If he thinks it is necessary, the Contractor may initiate a conference. The Owner shall discuss the prosecution or progress of the work with the Contractor only through and by the Engineer. The purpose of these meetings will be to clarify any questions of technique, workmanship, or materials used if the Engineer feels that the full intentions of the Plans and Specifications or the best interests of the Owner are not being carried out. These meetings shall not be considered as delays in the work, and any costs or inconvenience caused the Contractor shall be considered incidental to the Contract.

SECTION 2.36 RECORD DRAWINGS

Where applicable, it is essential that accurate and complete records are kept of all utilities that is encountered, repaired, relocated, abandoned, plugged, constructed, or otherwise dealt with. Both the Contractor and the Engineer shall keep a record set of documents and shall together gather detailed information regarding the size, elevation, location, and action taken on every item encountered. The Contractor shall not leave this work all to the Engineer 's project representative. If the Contractor does not participate in this information gathering and record keeping, payments in amounts judged by the Engineer to be suitable for the work not being performed by the Contractor shall be withheld from the Contractor.

SECTION 2.37 PERIODIC AND FINAL CLEANUP

From time to time or as may be ordered by the Owner or the Engineer and immediately after completion of the Work, the Contractor shall at his own expense clean up and remove all refuse and unused materials of any kind resulting from the Work. Upon failure to do so within five (5) working days after receipt of written request from the Owner, the Work may be done by the Owner and the cost thereof be charged to the Contractor and be deducted from his Contract Price. Upon completion of the Work, the Contractor shall remove all his equipment and put the area of the Work in a neat and clean condition and do all other cleaning required to complete the Work in a workmanlike manner, ready for use and satisfactory to the Engineer and Owner.

SECTION 2.38 EQUAL EMPLOYMENT OPPORTUNITY

In carrying out the Work, the Contractor shall not discriminate against any employee on the basis of race, color, religion, sex, or national origin. The Contractor shall take affirmative action to assure that applications for employment, and employees are treated during employment, without regard to their race, color, religion, sex, or national origin.

SECTION 2.39 SALES TAX EXEMPTION

The Owner is exempt from state and local sales tax on materials and equipment which are to be incorporated in the improvements.

SECTION 2.40 EMPLOYMENT OF ILLINOIS WORKERS DURING PERIODS OF EXCESSIVE UNEMPLOYMENT

Whenever there is a period of excessive unemployment in Illinois, which is defined herein as any month immediately following two (2) consecutive calendar months during which the level of unemployment in the State of Illinois has exceeded 5% as measured by the United States Bureau of Labor Statistics in its monthly publication of employment and unemployment figures, the Contractor shall employ only Illinois laborers. "Illinois laborer" means any person who has resided in Illinois for at least 30 days and intends to become or remain an Illinois resident.

Other laborers may be used when Illinois laborers as defined herein are not available or are incapable of performing the particular type of work involved, if so certified by the Contractor. The Contractor may place no more than three (3) of his regularly employed non-resident executive and technical experts, who do not qualify as Illinois laborers, to do work encompassed by this contract during periods of excessive unemployment.

SECTION 2.41 FAIR EMPLOYMENT PRACTICES & DISCRIMINATION

The attention of the Contractor is directed to the Illinois Fair Employment Practices Act and the Illinois Human Rights Act wherein it is considered unlawful to discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, ancestry, and physical or mental handicap unrelated to ability. The Contractor shall refrain from unlawful discrimination in employment and will undertake affirmative action to ensure quality of employment opportunity and eliminate the effects of past discrimination, in accordance with the Illinois Human Rights Act.

SECTION 2.42 BID-RIGGING CERTIFICATION

The attention of the Engineer is directed to 720 ILCS, paragraphs 33E-1 through 33E-13. By submission of a bid for this project, the Contractor certifies that he is not barred from bidding on this Contract as a result of a conviction for the violation of state laws prohibiting bid rigging or bid rotating in accordance with Paragraphs 33E-3, 33E-4, and 33E-11 of the Illinois Criminal Code.

SECTION 2.43 BRIBERY CERTIFICATION

By submission of a Bid for this project, Contractor certifies that he has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, nor has the Contractor made an admission of guilt of such conduct which is a matter of record, nor has any official, agent, or employee of the Contractor committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm. The Contractor further certifies that he is not barred from being awarded a contract or subcontract under Section 10.1 of the Illinois Purchasing Act.

SECTION 2.44 PREFERENCE TO VETERANS ACT

The Contractor shall comply with "An Act to give preference to veterans of the United States military and naval service in appointments and employment upon public works by, or for the use of, the State or its political subdivisions" (330 ILCS 55/1) in the employment and appointment to fill positions in the construction, addition to, or alteration of any public works.

SECTION 2.45 CONFLICT BETWEEN CONTRACT DOCUMENTS

In the event of a conflict within these Contract Documents, Engineer shall be consulted to determine which provisions shall take precedence. In general, the more stringent provisions shall take precedence over less stringent provisions. Engineer shall issue his determination in written form, and said determination shall be binding upon Owner and Contractor.

SECTION 2.46 SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

The Supplemental Specifications and Recurring Special Provisions adopted April 1, 2016, supplement to the Standard Specifications for Road and Bridge Construction, adopted April 1, 2016. All Supplemental Specifications are applicable to and included by reference in this Contract.

The following Illinois Department of Transportation Recurring Special Provisions and Local Roads and Streets Special Provisions are applicable to this Contract and are included herein by reference:

1. Check Sheet #1 – Special Provision for Additional State Requirements for Federal-Aid Construction Contracts, Revised January 1, 2015.
2. Check Sheet #3 – Special Provision for EEO, Revised November 18, 1980.
3. Check Sheet #5 – Special Provision for Required Provisions – State Contracts, Revised January 1, 2015.
4. Check Sheet #9 – Special Provision for Construction Layout Stakes Except for Bridges, Revised January 1, 2007.
5. Check Sheet #25 – Special Provision for Quality Control / Quality Assurance of Concrete Mixtures, Revised January 1, 2015.
6. Check Sheet #27 – Special Provision for Pavement Marking Removal, Effective April 1, 2009.
7. LRS-6 – Special Provision for Bidding Requirements and Conditions for Contract Proposals, Revised January 1, 2015.
8. LRS-11 – Special Provision for Employment Practices, Effective January 1, 1999.

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9. LRS-12 – Special Provision for Wages of Employees on Public Works, Revised January 1, 2015.
10. LRS-13 – Special Provision for Selection of Labor, Revised January 1, 2012.
11. LRS-17 – Special Provision for Substance Abuse Prevention Program, Revised January 1, 2014.

SECTION 2.47 CONTRACT CLOSEOUT

When Contractor considers work to be substantially complete, he shall submit written declaration to Engineer that Contractor considers work to be substantially complete, ready for inspection, and complies with all aspects of the Contract Documents. Engineer and Owner will make a semi-final inspection of the Project site within 7 days after receipt of Contractor's declaration. At the semi-final inspection of the project, Engineer will identify items to be completed, adjusted or corrected, as determined by the inspection. Engineer will, within 7 days thereafter, prepare and forward to the Contractor and Owner a summary memorandum containing:

1. Punch list of items to be completed, adjusted or corrected.
2. The time within which punch list items shall be completed or corrected. Said time shall be no longer than 14 days nor shall it be later than the completion date established by the Contract Time.

At time of semi-final inspection, should the Engineer determine that the work is not substantially complete and thus not ready for inspection, he shall so notify the Contractor. Contractor shall complete the work and resubmit declaration in accord with this Section.

Upon receipt of the summary memorandum, Contractor shall complete all work listed for completion or correction within the designated time and perform final cleaning as necessary. Contractor shall then submit a written declaration to Engineer that:

1. Work complies with all aspects of Contract Documents.
2. All items on completion punch list have been completed or corrected.
3. All tools, construction equipment, debris and surplus materials have been removed from site.

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Engineer will then make a final inspection with Contractor to ensure completion of all Contract required work. When Engineer considers all work final and complete he shall prepare and process a Certificate of Project Completion containing:

1. Date of project completion.
2. Determination of the amount of liquidated damages due to the Owner from the Contractor, if any.
3. Signatures of Engineer and Owner

It shall be fully understood by the Contractor and the Owner that all work, including punch list items, shall be completed within the Contract Time. Contractor shall make no claim that the work is "complete" until such time as all work, including all punch list work, is completed and the Engineer has issued a Certificate of Project Completion. Engineer's determination of the date of project completion shall be binding upon Owner and Contractor.

SECTION 2.48 LIQUIDATED DAMAGES

Time is of the essence to the Contractor. Should the Contractor fail to complete the work within the working days stipulated in the Contract on or before the completion date stipulated in the Contract or within such extended time as may have been allowed, the Contractor shall be liable and shall pay to the Owner the amount shown in the following schedule of deductions, not as a penalty but as liquidated damages, for each day of overrun in the contract time or such extended time as may have been allowed. The liquidated damages for failure to complete the contract on time are approximate, due to the impracticality of calculating and proving actual delay costs. This schedule of deductions establishes the cost of delay to account for administration, engineering, inspection, and supervision during periods of extended and delayed performance. The costs of delay represented by this schedule are understood to be fair and reasonable estimates that will be borne by the Owner during extended and delayed performance by the Contractor of the work, remaining incidental work, correction of work improperly completed, or repair of work damaged as a result of the Contractor. The liquidated damage amount specified will accrue and be assessed until final completion of the total physical work of the contract even though work may be substantially complete. The Owner will deduct these liquidated damages from any monies due or to become due to the Contractor from the Owner.

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Schedule of Deductions for Each Day of Overrun in Contract Time			
Original Contract Amount		Daily Charges	
From More Than	To and Including	Calendar Day	Work Day
\$ 0	\$100,000	\$475	\$675
\$100,000	\$500,000	\$750	\$1,050
\$500,000	\$1,000,000	\$1,025	\$1,425
\$1,000,000	\$3,000,000	\$1,275	\$1,725

When a completion date is specified, the daily charge will be made for every day shown on the calendar beyond the specified completion date. When the time limit is specified as working days, the daily charge will be made for each additional working day. If contracts are awarded on the basis of a multiple bid, the contract amounts of the individual contracts comprising the multiple bids will be totaled and the daily charge shall be that required for such total amount.

SECTION 2.49 INTERIM SPECIAL PROVISIONS

The Interim Special Provisions may, if applicable, supplement the Standard Specifications for Road and Bridge Construction adopted April 1, 2016. The following Interim Special Provisions are applicable to this Contract and are included herein by reference.

1. None.

SECTION 2.50 CONTRACT CLAIMS AND DISPUTE RESOLUTION

Engineer will be the initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the Work thereunder. Claims, disputes and other matters which are not disposed of by mutual agreement relating to the acceptability of the Work, or the interpretation of the requirements of the Contract Documents pertaining to the performance and furnishing of the Work, and Claims in respect to changes in the Contract Price or Contract Times will be resolved in a manner as set forth in Article 109.09 of the Standard Specifications.

Contractor shall submit his claim in writing to the Engineer, along with all written documentation supporting said claim, as set forth in Article 109.09. Engineer will render a formal decision regarding the claim within thirty (30) days after receipt of the written, fully documented claim.

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Decisions of the Engineer may be appealed to the Owner within thirty (30) days after Engineer's decision has been rendered. The appeal shall be in writing, and shall be directed to the Owner through the Engineer. Owner shall render a written decision upon the appeal as soon as practical, but in no event later than ninety (90) days after an appeal has been filed. Owner's written response shall be deemed a final action by the Owner.

Full compliance by the Contractor with the claims resolution provisions in this Section is a contractual precedent to the Contractor's right to seek relief in the Circuit Courts or otherwise. Unless the Contractor files a claim for adjudication by the Circuit Court within sixty (60) days after the date of the written response by the Owner, the failure to so file shall constitute a release and waiver of the claim.

When functioning as interpreter and judge for these matters, Engineer will not be liable in connection with any interpretation or decision rendered in good faith in such capacity.

SECTION 2.51 ILLINOIS STEEL PRODUCTS PROCUREMENT ACT

Whenever steel products are utilized in the Work, Contractor shall submit steel manufacturer's certification, signed by authorized company officer, or its attorney-in-fact, certifying that all steel products for this Project comply with the Illinois Steel Products Procurement Act.

SECTION 2.52 SUPERINTENDENCE BY CONTRACTOR

The Contractor shall provide a competent Superintendent, satisfactory to the Owner and the Engineer, on the Work at all times during working hours with full authority to act for him. The Contractor shall also provide an adequate staff for the proper coordination and expediting of his Work. The Contractor shall be responsible for all Work executed by him under the Contract. He shall verify all figures and elevations before proceeding with the Work and will be held responsible for any error resulting from his failure to do so.

Except as permitted by the Owner or Engineer, the Contractor's jobsite Superintendent shall be present on-site at all times when the Contractor or a Subcontractor is performing work and shall keep a hand-held cellular telephone in his / her personal possession for communication between the Owner, Engineer, and Contractor. Truck-mounted telephones are not acceptable. The telephone shall be operational during all work hours and shall operate from an Urbana-Champaign local telephone number. The same telephone shall remain with the Superintendent's designated representative whenever the Superintendent is temporarily absent from the jobsite. Contractor shall provide the cellular telephone number at the Pre-Construction Meeting.

SECTION 2.53 PEDESTRIAN SAFETY

The Contractor shall provide a safe means of travel through or around the work zone for pedestrians in the work area. The safety of pedestrians is paramount and the Contractor shall be responsible and liable for injuries or damages due to inadequate protection. At the Pre-Construction meeting, the Contractor shall present his plan for pedestrian safety for review and approval. The use of work zone fencing, bridges, and informational signage may be required.

Any delays, inconveniences or expenses caused the Contractor by complying with these requirements shall be considered as incidental to the Contract. This work shall not be paid for separately and no additional compensation shall be allowed.

SECTION 2.54 CONSTRUCTION STAKING

The Contractor shall be responsible for Construction Staking. The Engineer will locate or reset the reference points used in the design. The Contractor will lay out improvements far enough in advance of their construction operations to permit the Engineer ample time to make a detailed check of the layout. The Engineer's check does not relieve the Contractor of his sole responsibility for constructing improvements in the proper locations, but rather is a procedure to minimize errors. The Contractor will NOT rely on the Owner's Resident Inspector to direct his layout people. The Contractor will have an experienced layout person(s) employed and shall furnish them with accurate, high quality, and properly calibrated surveying instruments. Improvements constructed in the wrong location or at improper elevations shall be removed and reconstructed in the right locations and at proper elevations, all at each Contractor's expense.

Contractor shall coordinate his layout and field marking needs with the Engineer and establish a mutually agreeable schedule for the work. Contractor shall provide Engineer with at least 48-hours' notice so staking services may be scheduled. Contractor shall provide access to the work area for Engineer's field crews.

Layout and staking of any item by the Engineer shall be provided once. Contractor shall safeguard and preserve all monuments and marks provided. Should staking be lost by the Contractor's inability to preserve and protect it, Contractor may request a return to replace the staking, but the cost of said return shall be borne by the Contractor. Engineer shall directly invoice the Contractor for these additional services which shall be paid by the Contractor within 30 days of invoice.

SECTION 2.55 PERMITS

The project site is not subject to the requirements of an NPDES Stormwater Permit.

**SECTION 2.56 DUTIES, RESPONSIBILITIES AND LIMITATIONS OF
AUTHORITY OF RESIDENT INSPECTOR**

Owner may furnish a Resident Inspector (RI) to assist Engineer in observing progress and quality of the work of the Contractor. The "RI" shall be present during all construction activities.

Through more extensive on-site observations of the work in progress and field checks of materials and equipment by the RI, Owner shall endeavor to provide further protection for itself against defects and deficiencies in the work of the Contractor. However, Owner's RI shall not, during such visits or as a result of such observations of Contractor's work in Progress, supervise, direct, or have control over Contractor's work nor shall Owner's RI have authority over or responsibility for the means, methods, techniques, sequences or procedures selected by Contractor, for safety precautions and programs incident to the work of Contractor, for any failure of Contractor to comply with laws, rules, regulations, ordinances, codes or orders applicable to Contractor's performing and furnishing the Work, or responsibility of construction for Contractor's failure to furnish and perform the Work in accordance with the Contract Documents.

The RI is Owner's representative at the site, will act as directed by and under the supervision of Owner and will confer with Engineer regarding RI's actions. RI's dealings with subcontractors shall only be through or with the full knowledge and approval of Contractor.

The RI shall review the progress schedule, schedule of Shop Drawing submittals, and schedule of values prepared by the Contractor and consult with Engineer concerning acceptability.

The RI shall attend meetings with Contractor, such as Pre-Construction meeting, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof.

The RI shall serve as Owner's liaison with Contractor, working principally through Contractor's superintendent and assist in understanding the intent of Contract Documents; and serve as Owner's liaison with Contractor when Contractor's operations affect Owner's on-site operations.

The RI shall conduct on-site observations of the Work in progress to assist Engineer in determining if the Work is in general proceeding in accordance with the Contract Documents.

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The RI shall report to Engineer whenever RI believes that any Work will not produce a completed Project that conforms generally to the Contract Documents or will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated in the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise Engineer of Work that RI believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.

The RI shall report to Engineer when clarifications and interpretations of the Contract Documents are needed and transmit to Contractor clarifications and interpretations as issued by Engineer. The RI shall consider and evaluate Contractor's suggestions for modifications in Drawings or Specifications and report with RI's recommendations to Engineer. The RI shall transmit to Contractor in writing decisions as issued by Engineer.

The RI shall prepare a daily report and keep a diary or log book, recording Contractor's hours on the job site, weather conditions, data relative to questions of Field Order, Change Orders or changed conditions, list of job site visitors, daily activities, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to Engineer and Contractor daily.

The RI shall obtain and document daily measurements of "As-Built" conditions and quantities of completed work.

The RI shall review Applications for Payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Engineer, noting particularly the relationship of the payment requested to the quantities and values of Work completed and materials and equipment delivered at the site but not incorporated in the Work.

The Resident Inspector shall not:

1. Authorize any deviation from the Contract Documents or substitution of materials or equipment (including "or-equal" items), or change in the design of the improvements, unless authorized by Engineer.
2. Exceed limitations of Owner's authority as set forth in the Agreement or the Contract Documents.
3. Undertake any of the responsibilities of Contractor, Subcontractors, Suppliers, or Contractor's Superintendent.
4. Advise on, issue directions relative to or assume control over any aspect of the means, methods, techniques, sequences or procedures of construction unless such advice or directions are specifically required by the Contract Documents.

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5. Advise on, issue directions regarding, or assume control over safety precautions and programs in connection with the Work.
6. Accept Shop Drawing or Sample submittals from anyone other than Contractor.
7. Authorize Owner to occupy the Project in whole or in part.
8. Participate in specialized field or laboratory tests or inspections conducted by others except as specifically authorized by Engineer.
9. Shall not have authority to reject work or stop work except as specifically authorized by Engineer.

SECTION 2.57 OWNER MAY STOP THE WORK

If the Work is defective, or Contractor fails to supply sufficient skilled Workers or suitable materials or equipment, or fails to furnish or perform the Work in such a way that the completed Work will conform to the Contract Documents, Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Owner to stop the Work shall not give rise to any duty on the part of Owner to exercise this right for the benefit of Contractor or any surety or other party.

SECTION 2.58 ILLINOIS PREVAILING WAGE LAW

This Contract is subject to the prevailing wage law. Pursuant to this law, the Owner has determined prevailing rates for various classifications of workers. The latest determination of these rates as of the date of the Contract Documents is included in the Contract Documents. The Contractor shall pay its workers not less than the prevailing rates so determined and comply with the requirements of the aforementioned statutes, including but not limited to the keeping of accurate records showing the names and occupation of all laborers, workers and mechanics employed on this Contractor, which records show the actual hourly wages paid to each such person.

Pursuant to Public Act 86-799 (effective June, 1990), these specifications list on the following pages, the prevailing rate of wages for the county where the Contract is being performed and for each craft or type of work needed to execute the Contract.

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TRUCK DRIVER	O&C 2	27.680	30.220	1.5	1.5	2.0	11.40	5.440	0.000	0.250
TRUCK DRIVER	O&C 3	27.860	30.220	1.5	1.5	2.0	11.40	5.440	0.000	0.250
TRUCK DRIVER	O&C 4	28.110	30.220	1.5	1.5	2.0	11.40	5.440	0.000	0.250
TRUCK DRIVER	O&C 5	28.250	30.220	1.5	1.5	2.0	11.40	5.440	0.000	0.250
TUCKPOINTER	BLD	31.320	32.820	1.5	1.5	2.0	7.200	11.57	0.000	0.850

Legend: RG (Region)

TYP (Trade Type - All, Highway, Building, Floating, Oil & Chip, Rivers)

C (Class)

Base (Base Wage Rate)

FRMAN (Foreman Rate)

M-F>8 (OT required for any hour greater than 8 worked each day, Mon through Fri.)

OSA (Overtime (OT) is required for every hour worked on Saturday)

OSH (Overtime is required for every hour worked on Sunday and Holidays)

H/W (Health & Welfare Insurance)

Pensn (Pension)

Vac (Vacation)

Trng (Training)

Explanations

CHAMPAIGN COUNTY

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

Oil and chip resealing (O&C) means the application of road oils and liquid asphalt to coat an existing road surface, followed by application of aggregate chips or gravel to coated surface, and subsequent rolling of material to seal the surface.

EXPLANATION OF CLASSES

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

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

CERAMIC TILE FINISHER, MARBLE FINISHER, TERRAZZO FINISHER

Assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments required to complete the proper installation of the work covered by said crafts. The term "Ceramic" is used for naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard tiles.

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ELECTRONIC SYSTEMS TECHNICIAN

Installation, service and maintenance of low-voltage systems which utilizes the transmission and/or transference of voice, sound, vision, or digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background/foreground music, intercom and telephone interconnect, field programming, inventory control systems, microwave transmission, multi-media, multiplex, radio page, school, intercom and sound burglar alarms and low voltage master clock systems.

Excluded from this classification are energy management systems, life safety systems, supervisory controls and data acquisition systems not intrinsic with the above listed systems, fire alarm systems, nurse call systems and raceways exceeding fifteen feet in length.

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

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vactor trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.

Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units.

Class 4. Low Boy and Oil Distributors.

Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

This shall encompass laborers, workers and mechanics who drive contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. The work includes transporting materials and equipment (including but not limited to, oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material when in connection with the actual oil and chip contract. The Truck Driver (Oil & Chip Resealing) wage classification does not include supplier delivered materials.

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OPERATING ENGINEERS - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

Class 1. Draglines, Derricks, Shovels, Gradalls, Mechanics, Tractor Highlift, Tournadozer, Concrete Mixers with Skip, Tournamixer, Two Drum Machine, One Drum Hoist with Tower or Boom, Cableways, Tower Machines, Motor Patrol, Boom Tractor, Boom or Winch Truck, Winch or Hydraulic Boom Truck, Tournapull, Tractor Operating Scoops, Bulldozer, Push Tractor, Asphalt Planer, Finishing Machine on Asphalt, Large Rollers on Earth, Rollers on Asphalt Mix, Ross Carrier or similar Machine, Gravel Processing Machine, Asphalt Plant Engineer, Paver Operator, Dredging Equipment, or Dredge Engineer, or Dredge Operator, Central Mix Plant Engineer, CMI or similar type machine, Concrete Pump, Truck or Skid Mounted, Engineer or Rock Crusher Plant, Concrete Plant Engineer, Ditching Machine with dual attachment, Tractor Mounted Loaders, Hydro Crane, Standard or Dinkey Locomotives, Scoopmobiles, Euclid Loader, Soil Cement Machine, Back Filler, Elevating Machine, Power Blade, Drilling Machine, including Well Testing, Caissons, Shaft or any similar type drilling machines, Motor Driven Paint Machine, Pipe Cleaning Machine, Pipe Wrapping Machine, Pipe Bending Machine, Apsco Paver, Boring Machine, (Head Equipment Greaser), Barber-Greene Loaders, Formless Paver, (Well Point System), Concrete Spreader, Hydra Ax, Span Saw, Marine Scoops, Brush Mulcher, Brush Burner, Mesh Placer, Tree Mover, Helicopter Crew (3), Piledriver-Skid or Crawler, Stump Remover, Root Rake, Tug Boat Operator, Refrigerating Machine, Freezing Operator, Chair Cart- Self-Propelled, Hydra Seeder, Straw Blower, Power Sub Grader, Bull Float, Finishing Machine, Self-Propelled Pavement Breaker, Lull (or similar type Machine), Two Air Compressors, Compressors hooked in Manifold, Chip Spreader, Mud Cat, Sull-Air, Fork Lifts (except when used for landscaping work), Soil Stabilizer (Seaman Tiller, Bo Mag, Rago Gator, and similar types of equipment), Tube Float, Spray Machine, Curing Machine, Concrete or Asphalt Milling Machine, Snooper Truck-Operator, Backhoe, Farm Tractors (with attachments), 4 Point Lift System (Power Lift or similar type), Skid-Steer (Bob Cat or similar type), Wrecking Shears, Water Blaster.

Class 2. Concrete Mixers without Skips, Rock Crusher, Ditching Machine under 6', Curbing Machine, One Drum Machines without Tower or Boom, Air Tugger, Self-Propelled Concrete Saw, Machine Mounted Post Hole Digger, two to four Generators, Water Pumps or Welding Machines, within 400 feet, Air Compressor 600 cu. ft. and under, Rollers on Aggregate and Seal Coat Surfaces, Fork Lift (when used for landscaping work), Concrete and Blacktop Curb Machine, One Water Pump, Oilers, Air Valves or Steam Valves, One Welding Machine, Truck Jack, Mud Jack, Gunnite Machine, House Elevators when used for hoisting material, Engine Tenders, Fireman, Wagon Drill, Flex Plane, Conveyor, Siphons and Pulsometer, Switchman, Fireman on Paint Pots, Fireman on Asphalt Plants, Distributor Operator on Trucks, Tampers, Self-Propelled Power Broom, Striping Machine (motor driven), Form Tamper, Bulk Cement Plant, Equipment Greaser, Deck Hands, Truck Crane Oiler-Driver, Cement Blimps, Form Grader, Temporary Heat, Throttle Valve, Super Sucker (and similar type of equipment).

Class 3. Power Cranes, Truck or Crawler Crane, Rough Terrain Crane (Cherry Picker), Tower Crane, Overhead Crane.

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Other Classifications of Work:

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

LANDSCAPING

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

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SECTION 3

TECHNICAL SPECIFICATIONS

SECTION 3.1 INCIDENTAL CONSTRUCTION REQUIREMENTS

Construction Noise Requirements. All engines and engine driven equipment used for hauling or construction shall be equipped with an adequate muffler in constant operation and properly maintained to prevent excessive or unusual noise.

Construction within 1,000 feet of an occupied residence, commercial business, library, hospital or similar receptor shall be confined to a period beginning at 7:00 a.m. and ending at 8:00 p.m. This time regulation shall not apply to maintenance or operation of safety and traffic control devices such as barricades, signs, and lighting, or to construction of an emergency nature.

Requests to modify or deviate from these requirements shall be submitted in writing by the Contractor and must be approved in writing by the Engineer.

Construction Limits. The construction limits shall be the public street rights-of-way and the land rights area as possessed by the Owner and shown on the Plans, except as hereinafter specified. The land rights areas include the permanent rights-of-way for the maintenance and operation of the Owner's facilities and additional temporary construction licenses obtained to facilitate the performance of the work required in this Contract. Any extension of the construction limits beyond the land rights areas designated shall be the minimum required for efficient construction operations and meet with the approval of the Engineer.

In any case, extension of the construction limits beyond the land rights areas previously acquired shall not be allowed without the approval in writing of the individual or agency having the authority to give said approval for the specific parcel of land involved. Copies of right-of-way and construction license plats and descriptions will be provided if requested.

Notification of Closure. The Contractor shall inform all Homeowners and Businesses 48 hours prior to driveway and / or access closure through written notification.

Traffic and Access. The Contractor's operations shall cause no unnecessary inconvenience to the public. The public rights-of-way shall be maintained at all times unless interruption is authorized by proper local authority. Contractor's authorized and / or detour plans shall be provided to the Engineer for approval.

Safe and adequate access shall be provided and maintained to all public protection devices and to all critical utility control location. Facility access shall be continuous and unobstructed unless otherwise approved.

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Storage of Equipment and Materials in Public Streets. Construction materials and equipment shall not be stored or parked on public streets, roads, or highways. During any material or equipment loading and / or unloading activities that may temporarily interfere with traffic, acceptable detour(s) shall be provided for the duration of the activity. Any associated expense for this activity will be the responsibility of the Contractor.

Excavated material, including suitable material that is intended for adjacent trench backfills or other earth backfill, shall not be stored in public streets, roads, or highways that remain in service for the public. Any waiver of this requirement must be obtained from the proper local authority and approved by the Engineer. All excess and unsuitable materials shall be removed from the site as soon as possible. Any spillage shall be removed from roadways prior to use by the public.

Dust Abatement and Haul Road Maintenance. Water for dust abatement and haul road maintenance shall be applied to haul roads and other dust producing areas as needed to prevent air pollution or excessive dust, which causes impaired vision on trafficked roads and in work areas, and to maintain the roads in good condition for safe and efficient operation during periods of use. Roads that may be jointly used with the public and by the Contractor's equipment, shall have dust abatement provisions acceptable to the public entity that has road maintenance responsibility.

Scheduling of Closures. It is the Owner's intent to allow the Contractor to schedule his activities to minimize the disruption to the surrounding neighborhood. Contractor's Project Schedule will be evaluated, in part, upon a demonstrated intent to reduce disruption when possible. Owner will allow complete closure of streets, so as to expedite construction activities and reduce overall disruption to adjacent residences.

Utilities / Water Supply. If the Contractor desires to use of an existing utilities (water, electricity, etc.) he shall make application to the proper municipal authorities and / or utilities and shall conform to any municipal ordinances, rules or regulations. The Owner and the Contractor shall come to agreement about compensation, if any, for utility services used by the Contractor and paid for by the Owner.

Water may be obtained from Champaign County by prior arrangement. The Contractor will be responsible for the acquisition of any water required for the Work and transportation of water to the Work site. Use of existing hydrants shall comply with Section 7-12 of the Standard Specifications for Water and Sewer Main Construction in Illinois. Water supplied shall conform to the requirements of Section 1002 of the "Standard Specifications for Road and Bridge Construction" April 1, 2016.

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Equipment on Traveled Surface and Structures. The traveled surface and structures on or adjacent to the Work shall be protected, in a manner satisfactory to the Engineer, from damage by lugs or cleats on treads or wheels of equipment. When crossing or working upon such surfaces with equipment with lugs or cleats, the Contractor shall place timber or rubber pads under the lugs or cleats to prevent any type of damage to the surfaces.

The Owner will not be responsible for any delay in construction, in operations or for any costs incurred by the Contractor as a result of compliance or noncompliance with the above requirements. The Contractor shall repair and / or replace at his own expense, any pavement damage as a result of his failure to comply with the above requirements, and moneys due him may be withheld to cover such damage. The Engineer shall determine the extent of the damages and the cost of replacement.

All equipment used in the prosecution of the Work shall comply with the legal loading limits established by the statutes of the State of Illinois or local regulations when moved over or operated on any traveled surface or structure. Before using any equipment which may exceed the legal loading, the Contractor shall secure a permit, allowing ample time for making an analysis of stresses to determine whether or not the proposed loading would be within safe limits. The Owner will not be responsible for any delay in construction operations or for any costs incurred by the Contractor as a result of compliance with the above requirements.

Where the Contractor's equipment is operated on any portion of the traveled surface or structures used by traffic on or adjacent to the section under construction, the Contractor shall clean the traveled surface of all dirt and debris at the end of each day's operations, or more frequently if directed by the Engineer.

Protection of Existing Features Within and Adjacent to the Work Area. The Contractor shall preserve and protect all existing trees, shrubs, plantings, street signs, fences, retaining walls, light poles, pavement surfaces, property survey monuments, structures, and utility line appurtenances. Any required protection of existing features within and adjacent to the Work area shall be considered incidental to the contract. Any damage to existing features within and adjacent to the Work area, created by failure of the Contractor to provide adequate protection from his construction operations, shall be repaired or replaced to the satisfaction of the respective Owner at the Contractor's expense.

The Contractor shall preserve and protect all permanent survey markers including private property corner markers, Section or Quarter Section monuments, and permanent benchmarks. Survey markers necessarily moved as a result of proposed construction, or otherwise damaged by the Contractor shall be replaced at the Contractor's expense by an Illinois Professional Land Surveyor.

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Surface Restoration. All existing street, sidewalks, alleys, signs, fences, sheds, yards, and other miscellaneous property which are removed to allow the construction or damaged by the Contractor's operation, whether on street right-of-way or easement, shall be restored (at no additional compensation) to a condition at least equivalent to that which existed at the commencement of the work unless additional written arrangements are made satisfactory to the owner of said property. The Contractor shall be solely liable for damages to items described herein, and moneys due him may be withheld to cover such damages.

Protection and Restoration of Traffic Signs. Any traffic or information sign within the limits of construction which interferes with construction operations can be removed by the Contractor and any sign which is obscured by or otherwise interfered with by the construction operations to the extent that it no longer has the desired effect on traffic can be removed by the Contractor. All removed signs shall be immediately re-erected at the temporary location and must be maintained straight and neat appearing for the duration of the temporary setting. As soon as construction operations permit, the sign shall be re-erected at its permanent location to the satisfaction of the Owner. The cost of all materials required and all labor necessary to comply with this provision will not be paid for separately, but shall be considered as incidental to the Contract.

Any traffic sign designated as critical by the Owner shall not be disturbed and no additional compensation will be allowed the Contractor for any delays, inconvenience, or damage sustained by him due to any special construction methods required in prosecuting his work due to the existence of such traffic signs.

The Contractor shall furnish and replace at his own expense, any traffic sign or post which as determined by the Engineer has been damaged due to the Contractor's operation.

Stored Materials and Security. If it is necessary to store materials, they shall be protected in such a manner as to assure the preservation of their quality and fitness for the work. All stored materials shall be inspected at the time of use in the work, even though they may have been inspected before being placed in storage. Any additional space required for stockpiling shall be provided by the Contractor at his expense.

The Contractor shall be responsible for security of the project site for the duration of the contract. This security shall cover the existing buildings, structures, and equipment, as well as all equipment, materials, and furnishings used for completion of the work.

The Contractor may use various sites to stockpile materials and equipment incidental to its construction. Stockpiling shall be confined to such sites as authorized by the Owner.

SECTION 3.2 SEQUENCE OF WORK

Construction Sequence. Five (5) days prior to start of construction, the Contractor shall propose a detailed sequence of construction activities to the Engineer for review and approval. The Contractor shall be free to propose the construction sequence that is most beneficial to him and meets the completion date and the requirements below. The Engineer shall have final approval of the proposed sequence.

Project Completion. The completion date for all work shall be **October 10, 2016**.

SECTION 3.3 PROJECT MOBILIZATION

Description. This Work shall consist of preparatory work and operations necessary for the movement of personnel, equipment supplies and incidentals to the project site, along with all other work or operations which must be performed or costs incurred when beginning work upon the project.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.4 PERIODIC AND FINAL CLEANING

Description. All dirt, mud, trench backfill materials, temporary surface, unused materials, stored materials, or other debris shall be removed by the Contractor from pavement surfaces, ground surfaces, sewers, manholes, catch basins and other locations within the project area as directed by the Engineer.

Execution. From time to time or as may be ordered by the Owner or the Engineer and immediately after completion of the work, the Contractor shall at his own expense clean up and remove all refuse and unused materials of any kind resulting from the work. Upon failure to do so within 5 calendar days after receipt of written request from the Owner or Engineer, the cleanup work may be done by the Owner, and the cost thereof charged to the Contractor and be deducted from his Contract Price. Upon completion of the work, the Contractor shall remove all his equipment and put the area of the work in a neat and clean condition and do all other cleaning required to complete the work in a workmanlike manner, ready for use and satisfactory to the Engineer and Owner.

In the event that the Contractor fails to clean up and neaten the work site within 5 calendar days after a request to do so, all progress payments shall be suspended and shall not be resumed until cleanup in a manner satisfactory to the Engineer has occurred.

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During construction, the Contractor shall clean up as the Work proceeds. The premises shall be kept free of accumulations of waste materials and earth, rubbish and other debris resulting from the work. All debris and waste materials and salvaged materials, unless required by the Specifications to be reused or delivered to the Owner, shall become the property of the Contractor and shall be removed by the Contractor from the construction site.

Where truck crossings occur over sidewalks, they shall be kept free from all spilled earth and grading materials and shall at all times be maintained in a passable condition for foot traffic.

Generally, the transportation of materials to and from the sites shall be over regular streets. When the Contractor's operations or that of its shippers, haulers, or subcontractors are such that dirt, mud, or debris is spilled or otherwise deposited on streets, driveways, sidewalks, or other thoroughfares, the Contractor shall clean up the large chunks before the close of every day's operations or before it is broken up or becomes impacted on the surface. In case of dispute or Contractor's failure to perform this cleanup work, the Owner may clean the streets and walks, remove the rubbish, etc., and will charge the cost to the Contractor, by withholding monies due to cover all charged work.

After completion of work in any of the site work areas, the Contractor will remove all waste materials, rubbish and debris from and about the premises as well as all tools and surplus materials, and will leave the sites clean and ready for occupancy by the Owner. The Contractor will restore to their original condition any roads, utilities, walks, buildings, etc. disturbed or damaged by the Contractor's operations.

Open burning of debris will not be permitted unless specifically authorized in writing by the Owner, and then only following state, municipal or other local codes, ordinances, rules or regulations.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.5 TRAFFIC CONTROL

Description. This Work shall include furnishing, installing and maintaining traffic and pedestrian control signage and barricades as described in the Plans and conforming to applicable portions of Section 701 of the "Standard Specifications for Road and Bridge Construction", applicable guidelines contained in the Illinois "Manual on Uniform Traffic Control Devices", the applicable traffic control Highway Standards, and any special details contained in the Plans. Special attention is called to Articles 107.09 and 107.14 of the "Standard Specifications for Road and Bridge Construction".

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Execution. The Contractor shall present for approval a Traffic Control Plan at the Pre-Construction meeting or at least 2 weeks prior to the start of construction. The Plan shall outline traffic control measures anticipated for each phase of the Project. The Plan shall include signage and barricade locations, construction access routes, and staging areas. The Engineer shall review the proposed Traffic Control Plan and make any modifications deemed necessary for safety and other reasonable considerations. Any delays, inconvenience or expenses which the Contractor incurs in complying with these requirements shall be considered incidental to the project and no additional compensation will be allowed.

The Traffic Control Plan shall outline traffic control measures planned for each phase of the project work. The Traffic Control Plan shall include signage and barricade locations, construction access routes, and staging areas. The duration and timing of all anticipated street or lane closures shall also be included.

The Contractor shall provide temporary barricades and signs to indicate to pedestrians and motorists the location of excavations or other points of danger. Lanterns shall be used to mark such points during all hours from dusk to daylight. Responsibility for adequacy of such warning devices shall lie entirely with the Contractor. Work zone traffic control shall follow the applicable provisions of Part VI of the Manual on Uniform Traffic Control Devices.

In the event any driveway or street is completely blocked to traffic, the Contractor shall notify METCAD, the Police, and the Fire Department having jurisdiction in the area, 48 hours before closing such a driveway or street and also upon reopening it for traffic. Warning signs and lanterns shall be maintained until the construction area is no longer affected by construction activities and available for normal traffic use.

When flaggers are required, the Contractor shall attempt to utilize flaggers certified by the Illinois Department of Transportation.

To ensure a prompt response to incidents involving the integrity of the work zone traffic control devices, the Contractor shall provide a telephone number where a responsible individual can be contacted on a 24 hour-a-day basis. When the Engineer is notified or determines a deficiency exists, (s)he shall be the sole judge as to whether the deficiency is an immediate safety hazard.

Public Convenience and Safety. The Contractor shall notify the Owner at least 5 days in advance of the starting of Work which might in any way inconvenience or endanger traffic, so that arrangements may be made, if necessary, for closing the road and providing suitable detours. The Contractor shall at all times conduct the Work in such a manner as to insure the least obstruction to vehicular and pedestrian traffic. The convenience of the general public and or residents along the roadway shall be provided for in an adequate and satisfactory manner.

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When any section of road is closed to traffic, the Contractor shall provide, erect, and maintain barricades, red flags, signs and lights at each end of the closed section and at all intersecting roads, in accordance with the Illinois Manual of Uniform Traffic Control Devices.

Coordination with Landowners. Contractor shall coordinate his activities and traffic control work so as to minimize disruption to the residents. Contractor shall coordinate his activities with the adjacent property landowners to address and resolve concerns that may develop during the Work.

Temporary Traffic Control Devices. When any section of road is closed for construction operations of any type, or when traffic is to be maintained along the route under construction, or when section of the road is opened to traffic prior to completion of all work on the section, the Contractor shall protect the workmen and provide for safe and convenient public travel by providing, erecting, and maintaining (in accordance with the Illinois Department of Transportation's traffic control standards or designs) all signs, signals, markings, traffic cones, barricades, warning lights, flagmen, and other traffic control devices required for the type of operation being performed. Number, type, color, size, and placement of all traffic control devices shall conform to the traffic control standards or designs included in the latest edition of the State of Illinois Manual on Uniform Traffic Control Devices for Streets and Highways.

When traffic is to be directed over alternate routes, the Contractor will erect and maintain the traffic control devices along the alternate routes in accordance with the traffic plan. Engineer shall have in writing, prior to initiation of an alternate route, specifics governing the alternate route for review and approval.

To provide access to private property along the closed portion of the road, the Contractor shall at his expense, provide, erect, and maintain all traffic control devices necessary to protect the work and to safeguard local traffic. Local traffic is traffic whose immediate destination is within the limits of construction or closure, limited to use by persons for necessary access to real property, which real property is not otherwise accessible by another public way.

Any traffic control device which has become ineffective due to damage or defacement shall be replaced by the Contractor. All traffic control devices shall be kept clean and neat appearing.

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During all working times when an open excavation is within or adjoins a traveled surface or driveway / access roads, the Contractor shall surround the work area with a combination of Type III barricades and construction materials and equipment, or if the Contractor desires, plastic safety fencing in lieu of the construction materials. The plastic safety fencing shall be plastic industrial safety fencing with diamond shaped plastic netting, mesh size nominal opening of 1 1/2 inches, manufactured from high-density polyethylene resin. The fencing shall be 48 inches in height. The fence shall have a bright international orange color. Fence posts shall be either steel or aluminum, and shall be set as required to secure the fence.

Flashing lights shall be installed above the first two (2) warning signs on each approach to the work involving a nighttime lane closure and shall be high intensity units. These units shall operate during hours of darkness. The Contractor shall be responsible for replacing units which have become defective. Any light out of order shall be replaced or repaired by the Contractor within 12 hours after notification.

Barricades and / or cones used for channelization or delineation and warning signs shall be sequentially placed in the direction of the traffic flow and removed in reverse order. Lane closure signs and flagmen signs shall be erected prior to barricades and / or cones, and remain erected until such time as all traffic control devices have been removed from the pavement.

Construction signs necessary only during working hours shall be removed or covered during non-working hours. Portable sign stands or posts shall be furnished by the Contractor and shall be erected to the satisfaction of the Engineer and in accordance with the traffic control standards or designs included in these General Requirements.

At all times during which men are working where two-way traffic is to be maintained over one (1) lane of pavement or where traffic is restricted to less than the normal number of lanes on a multilane pavement, the Contractor will be required to furnish flagmen at his expense to protect his workmen and to warn and direct traffic. The flagmen shall be equipped with fluorescent orange vests and an approved flagmen traffic control sign. Two (2) flagmen will be required for each separate operation where two-way traffic is maintained over one (1) lane of pavement and one (1) flagman will be required for each separate operation where traffic is restricted to less than the normal number of lanes on a multilane pavement.

Deficiency Deduction. Pedestrian and vehicular traffic control is essential to the integrity of the Project. When the Engineer is notified or determines that a traffic control deficiency exists, he will notify the Contractor of the deficiency. Contractor shall dispatch sufficient resources to correct any such deficiencies within 3 hours.

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If the Contractor fails to address the deficiency to the satisfaction of the Engineer within 4 hours, the Owner will impose a monetary deduction in the contract price of **\$200** for each 24 hour period (or portion thereof) that a deficiency exists. The time period will begin 1 hour after the notification to the Contractor of failure to adequately address a deficiency and end with the Engineer's acceptance of the corrections.

If the Contractor fails to respond, the Owner may correct the deficiencies and the cost thereof will be deducted from monies due to the Contractor. This corrective action by Owner will in no way relieve the Contractor of his contractual obligations or responsibilities for traffic control.

Closure of Streets. Owner will allow streets to be fully closed to traffic during construction activities. The length of time for full closure of a location shall not exceed 48 hours. If construction will extend beyond 48 hours the Contractor will construct a temporary crossing over the trench in accordance with the applicable requirements of the Specifications.

Contractor shall provide 1 week advance notice to the Owner and Engineer of any street closures. Owner will notify area residents and local emergency service providers in advance of the closure. During repair of the street pavement at least one-half of the pavement shall be open to vehicular travel at all times.

Placement of Traffic Control Signs and Devices. The Contractor shall be responsible for the proper location, installation and arrangement of all traffic control devices. Special attention shall be given to advance warning signs during construction operations in order to keep lane assignment consistent with barricade placement at all times. The Contractor shall immediately remove, cover or turn from the view of the motorists all traffic control devices which are inconsistent with detour or lane assignments patterns and conflicting conditions during the transition from one construction state to another. When the Contractor elects to cover conflicting or inappropriate signing materials used, he shall totally block out reflectivity of the sign and shall cover the entire sign. The method used for covering the signing shall meet the approval of the Engineer.

The Contractor shall coordinate all traffic control work on this project with adjoining or overlapping projects, including barricade placement necessary to provide a uniform traffic detour pattern. When directed by the Engineer, the Contractor shall remove all traffic control devices, which were furnished, installed and maintained by him under this contract, and such devices shall remain the property of the Contractor. All traffic control devices shall remain in place until specific authorization for relocation or removal is received from the Engineer.

The Contractor shall ensure that all traffic control devices installed are operational, functional and effective 24 hours a day, including Sundays and holidays.

Pedestrian Sidewalk Control. The Contractor shall install, maintain and remove necessary signs and barricades needed to direct pedestrians to usable sidewalks and walkways during the construction in accordance with Illinois Department of Transportation Traffic Control Standard Case 701801-03.

All barricades shall be Type I and II equipped with a flashing light. At each point of closure, sufficient number of barricades shall be used to completely close the sidewalk to pedestrian movement.

Generally, where construction activities involve the intersection of two streets, the work shall be staged so that both sidewalks are not out of service at the same time. In specific situations pedestrian traffic control shall be pre-approved by the Engineer.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.6 TEMPORARY EROSION CONTROL

Description. Contractor shall provide all soil erosion and sediment control for all situations caused by utility installation, grading changes and paving improvements. The Contractor shall take sufficient precautions to prevent pollution of streams, lakes and reservoirs with eroded soil materials. He shall conduct and schedule his operations, as specified herein, or as directed, so as to avoid or minimize siltation of streams, lakes and reservoirs. Where, in the opinion of the Engineer, the land has a high potential for erosion, the areas that can be exposed by construction operations at any one time will be subject to approval by the Engineer, and the duration of the exposure of the uncompleted construction to the elements shall be as short as practicable. Erosion control and sediment control features shall be constructed concurrently with other work as specified herein or as directed by the Engineer.

References. Section 280 of the "Standard Specifications for Road and Bridge Construction".

Filter Fabric. Filter fabric utilized in silt fencing shall be standard industrial weight propylene fabric and reinforcement netting stitched together, or other suitable material, as approved by the Engineer. The material shall have the following characteristics:

1. Filtering Efficiency: 85% (minimum)
2. Tensile Strength at 20% maximum elongation: 30 pounds per linear inch (minimum)
3. Slurry Flow Rate: 0.3 gallons per square foot (minimum)

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Silt Fence. Silt fence reinforcing wire shall be agricultural quality annealed steel #14 W & W gauge wire with open web pattern of 4 inches by 4 inches spacing maximum. Place wire support behind filter fabric. Silt fence support shall be solid, pressure-treated pine posts or steel "T" shaped posts.

Geotextile Fabric. Non-woven geotextile fabric of 3.5 ounces polypropylene or polyester fibers, or a combination thereof. Fabric shall be equal to Supac 4NP by Phillips Fibers, Enkafilter Type E35 by Enka, or Amoco 4545 by Atlantic Construction Fibers.

Temporary Seeding. Temporary seeding including fertilizer, limestone and mulches required to temporarily anchor all disturbed earth and erosion ditches during construction.

Erosion Control Blanket. Erosion control blanket shall comply with the provisions of Section 251 of the Standard Specifications.

Inlet Sediment Bag. Inlet sediment bags shall be fabricated to match the exact dimensions of the storm sewer inlet. Filter fabric used shall meet the requirements of this Section.

Construction Requirements. Contractor shall do all that is possible to minimize soil erosion and siltation caused by construction operations. Contractor shall comply with all local applicable regulations relating to the control of soil erosion and prevention of sedimentation pollution. The Contractor shall be fully informed regarding all regulations that affect the conduct of the work, and shall comply with such regulations at all times.

Prior to the beginning of soil surface disturbing activities, temporary soil erosion control measures and devices shall be placed as indicated on the drawings. Contractor will lay out devices by staking and schedule a site meeting with local authorities to approve erosion control measures prior to installation. Temporary erosion control devices shall be installed on the first day of construction activities. The Contractor shall continue to coordinate with local authorities throughout the project.

Surface water runoff originating upgrade from exposed areas should be controlled to reduce erosion and soil loss during the period of exposure. All land disturbing activities are to be planned and conducted so as to minimize off-site sedimentation damage. The Contractor shall conduct his activities in a manner that will prevent sediment from reaching streams flowing off site and will prevent increased velocities and peak rates of storm water runoff resulting in erosion along receiving streams.

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During the land disturbing activities, all actions shall be planned and conducted to minimize the size of any areas to be exposed at any one time and to limit exposure to the shortest feasible time. All disturbed areas shall be temporarily seeded for erosion protection within thirty days on any portion upon which active construction is no longer being undertaken. Every effort possible shall be made to bring each portion of the site to a stable state as quickly as possible, thus minimizing erosion potential.

The Contractor shall plan and execute construction and earthwork in a manner to control surface drainage to prevent erosion and sedimentation from cuts and fills and borrow and waste disposal areas. The Contractor shall provide temporary control measures such as berms, dikes, and drains as necessary. The Contractor shall also provide temporary control measures to prevent silting or runoff of silt or sediment from the site. All construction and earthwork shall be in accordance with the latest edition of the Illinois Environmental Protection Agency – Standards for Soil Erosion and Sediment Control.

Stabilized construction entrances shall be installed at locations as shown on the Plans or as directed by the Engineer where construction vehicles enter and exit construction areas.

Silt Fence. Silt fences shall be constructed of length and configuration necessary to protect against contamination and erosion. Maintain until the work under this contract is complete. Silt fence shall be installed around all manhole and inlet structures during construction and after construction in landscape areas.

Silt fence shall be installed with the bottom 8 inches of the fabric placed in an 8 inch deep trench and backfilled to prevent undermining of the silt fence. The silt fabric, fence, and posts shall be maintained in good order throughout the period of this contract. Apply silt fabric on the uphill side of posts with enough wire clips to prevent slippage or sagging under full load.

Sediment Traps. Sediment traps shall be constructed and maintained to filter sediment from runoff, until the work under the contract is complete. Diversion ditches shall be constructed so that a maximum drainage area is diverted through the trap.

Rough grading. Prior to temporary seeding and fertilizing, rough grade area to be seeded in general conformance to the proposed finish grades. Break up and remove large dirt clods and remove debris.

Maintenance. During the construction phases, erosion control measures shall be maintained. All erosion control devices shall be inspected weekly and immediately after each rainfall for damage. Adjust, realign or rebuild erosion control devices as required throughout the life of the project as necessary to maintain their intended function.

Removal of Temporary Devices. Sediment deposits shall be removed from silt fence when deposits reach a maximum of 1/3 height of the fence. Sediment shall be removed from sediment traps and diversion ditches when deposits reach approximately 1/2 the capacity of the erosion control device. Sediment shall be removed in such a manner so sediment is not released to subsequent lands.

Upon completion of piping installation and establishment of permanent ground cover, the sediment and all related materials are to be removed from the sedimentation traps and the trap removed entirely. The trap areas are to be backfilled to conform with the existing grades and grades indicated on the drawings.

After completion of site work under this contract, and a satisfactory stand of grass has been established and approved, the Contractor is to remove silt fences, catch basin protection and other erosion control devices and legally dispose of offsite.

If the Contractor fails to respond, the Owner may correct the deficiencies and the cost thereof will be deducted from monies due to the Contractor. This corrective action by Owner will in no way relieve the Contractor of his contractual obligations or responsibilities for erosion control.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.7 STABILIZED CONSTRUCTION ENTRANCE

Description. This Work shall include furnishing materials and installing a temporary construction entrance if needed by the Contractor according to the details shown on the Plans and as directed by the Engineer.

General. Temporary construction entrances shall be constructed not less than 50 feet long and 10 feet wide at a thickness of 6 inches. Material for entrances shall be 2 inch diameter stone or reclaimed or recycled concrete equivalent. Filter cloth will be placed over the entire area prior to placing of stone.

All surface water flowing or diverted toward the construction entrances shall be piped across the entrance. If piping is impractical, the flow shall be diverted. An appropriate sediment trapping device may be required by the Engineer or Owner's Representative. Contractor shall provide shop drawing for approval. The entrance shall be maintained in a condition that prevents tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and / or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed, or tracked onto public rights-of-way must be removed immediately.

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Wheels and undersides of vehicles shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone that drains into a sediment trapping device as approved by the Engineer or Owner's Representative.

Periodic inspection and needed maintenance shall be provided after each rain.

Basis for Payment. This work shall be paid for at the Contract Lump Sum Price.

SECTION 3.8 EXPLORATORY EXCAVATION

Description. This Work shall consist of furnishing all labor, materials, machinery, tools and supervision for the exploratory excavation at locations indicated on the Plans and as directed by the Engineer. This work shall be accomplished in advance of construction of utilities.

Execution. This work shall be performed in accordance with the applicable provisions of Section 213 of the "Standard Specifications for Road and Bridge Construction". The limits of exploratory excavation shall be as directed by the Engineer. After the opening has been inspected by the Engineer, the excavated material shall be used to backfill the hole in a manner satisfactory to the Engineer. Any excess material shall be disposed of offsite by the Contractor, and the area shall be shaped and trimmed in accordance with Section 212 of the "Standard Specifications for Road and Bridge Construction".

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.9 PROTECTION OF EXISTING TREES AND SHRUBS

Description. Existing trees and shrubs within the Project area shall be protected from damage unless indicated on the Plans to be removed. The Engineer shall instruct the Contractor to trim branches interfering with the Work. It will be the responsibility of the Contractor to assure that the trees and shrubs remain alive and in good condition throughout the course of the project. Should a tree or shrub not designated for removal be destroyed, be damaged, or die, the Contractor shall repair or replace that tree or shrub as directed by the Engineer.

Construction Methods. Care and protection of existing trees and shrubs shall be performed in accordance with Section 201 of the "Standard Specifications for Road and Bridge Construction", dated April 1, 2016.

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All trees designated by the Engineer for protection shall be provided with temporary fencing. Fencing shall be orange plastic safety or snow fencing made of high density polyethylene, and shall be not less than 36 inches in height. The tree shall be protected at its dripline, up to a maximum fence diameter of 40 feet. Standard steel or wood fence posts shall be utilized.

Tree limbs and roots shall be pruned as necessary, in consultation with the Engineer or Owner's Representative. Limb and root pruning shall be minimized to the extent possible. All pruning shall be done in the presence of the Owner's Representative. All tree limbs, trimmed roots and other debris shall be removed from the site and properly disposed.

Measurement and Payment. This work shall be paid for at the Contract Lump Sum Price.

The Work for replacing damaged or destroyed trees and shrubs that were designated to be saved and / or protected will not be paid for separately, but shall be considered incidental to the Contract.

SECTION 3.10 DEMOLITION / PROTECTION

Description. This Work shall consist of all labor, material, and equipment to demolish and / or remove or to protect and / or hold existing landscape plants / trees / materials and / or existing utility infrastructure.

Execution. The Contractor shall provide protection for existing landscape plants, trees and materials, and utility appurtenances which are not designated to be removed. Any landscape, tree, plant or material or any utility appurtenance damaged during construction shall be replaced "in kind" at no additional cost to the Owner.

The Contractor shall remove and dispose of landscape trees / stumps / plants / materials in areas designated for tree / stump / plants / materials removed. The Contractor shall recover topsoil in these areas in accordance with these Specifications.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.11 EXCAVATION AND EMBANKMENT FOR SITEWORK

Description. This Work shall include all labor, materials, machinery, tools and supervision necessary for excavation, embankment and grading required to prepare the site as shown on the Plans. Materials to be excavated shall be those encountered. Remove excess excavated materials from site.

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References. Sections 202, 203, 205, 211, 212, 301, and 502 of the Illinois Department of transportation “Standard Specifications for Road and Bridge Construction”, dated April 1, 2016, including all addenda.

Submittals. Provide results of compaction testing for all compacted fill materials and subgrades.

Topsoil. Excavated soil materials, graded free of roots, rocks larger than 1/2 inch, subsoil, debris, and large weeds, complying with Section 211 of the “Standard Specifications for Road and Bridge Construction.”

Subsoil. Excavated soil material, graded free of lumps larger than 6 inches, rocks larger than 3 inches and debris.

Fill beneath or within two feet of pavements shall be Illinois Department of Transportation gradation CA-6 or CA-10 crushed limestone or non-organic excavated materials approved by the Engineer or asphalt millings.

Protection. Protect trees, shrubs, lawns, and other features remaining as portion of the final landscaping. Protect benchmarks, fences, pavements, and horizontal control points. Protect above or below grade utilities which will remain and pass through the work area.

Provide for surface drainage during the period of construction in a manner to avoid creating a nuisance to adjacent areas. Take special care to prevent surface drainage from filling excavations.

Execution. Excess earth shall be removed and disposed of off-site in accordance with Article 202.03 of the “Standard Specifications for Road and Bridge Construction” and at the direction of the Engineer or Owner’s Representative. It is anticipated that the project will generate surplus earth that shall be disposed of off-site.

Areas of fill and embankment shall be properly placed and compacted in accordance with the applicable provisions of Section 205 of the “Standard Specifications for Road and Bridge Construction”. Fill materials shall be properly placed and compacted to not less than 90% of Standard Proctor Density in non-pavement areas and not less than 95% Standard Proctor Density in pavement areas.

All excavation and embankment shall be done in accordance with the lines, grades, and cross sections shown in the plans and shall not be modified without the written consent of the Engineer. In no case shall the excavated cross section fall outside the design cross section shown on the plans or as specified. In no case shall extensive over-excavation be allowed. The excavated surfaces shall be reasonably smooth. This item shall include all common excavation and embankment work required for site grading and other related activities.

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No special provisions will be made for rock excavation. Any boulders encountered shall be removed and disposed of off the site as directed by the Owner's representative.

Areas to receive landscaping shall be over-excavated to allow a minimum 6 inch thickness of topsoil to be replaced. The tolerance of this work shall be to within 0.1 ft. of the finished elevations shown on the Plans.

Conduct excavation operations to ensure minimum interference with streets, walks and other adjacent occupied or used area with ongoing building construction. Ensure safety passage of persons around the area of excavation. Conduct operations to prevent injury to adjacent buildings facade, structure, or other facilities or persons.

The Contractor shall notify the Owner, at least 5 working days in advance, prior to starting any excavation operations, to permit the Owner to notify the adjacent landowners of impending excavation activities.

The tolerance of this work shall be to within 0.1 feet of the finished elevations shown on the Plans for all ditches and drainage swales and shall be within 0.1 foot for all other areas graded.

Spoil Disposal. Excess soil materials shall be removed and disposed of off-site. The Owner may designate a small disposal area for the limited disposal of excavated materials at the project area. It is intended that all or nearly all of the excavated materials shall be removed for the site.

Excess earth shall be removed and disposed of off-site in accordance with Article 202.03 of the Standard Specifications and at the direction of the Engineer. It is anticipated that the project will generate surplus earth and debris that shall be disposed of off-site.

Contractor shall coordinate his hauling activities during excavation operations to minimize disruptions to the surrounding neighborhood. Contractor shall develop and submit for approval by the Engineer a hauling plan for detention basin construction activities which minimized neighborhood disruption. To the extent possible, continued long term exposure of portions of the neighborhood to hauling required for excavation work in other portions of the neighborhood will not be allowed.

Spoil disposal areas shall be rough graded upon completion of excavation activities. Spoil disposal areas shall be surrounded by silt fence until an appropriate vegetated cover is established.

Topsoil Excavation. Excavate topsoil from pavement areas and distribute excess topsoil not being reused within the site. Do not excavate wet topsoil. Stockpile to depth not exceeding 8 feet. Provide environmental protection from erosion.

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Subsoil Excavation. Excavate subsoil from marked areas and remove excess subsoil not being reused at the site. Do not excavate wet subsoil. Provide environmental protection from erosion. Remove from site all unsuitable or unstable material interfering with the proposed construction. Cut subsoil to grade of base of proposed improvements.

Subsoil Preparation. Rough grade subsoil systematically as early as possible to allow for a maximum amount of natural settlement and compaction. Eliminate uneven areas and low spots. Remove debris, roots, branches, stones in excess of 1/2 inch in size. Remove subsoil which has been contaminated with petroleum products and dispose of in accordance with applicable environmental regulations.

Bring subsoil to indicated levels, profiles and contours. Make changes in grade gradual. Bend slopes into level areas.

Scarify all subgrade to a depth of 4 inches where topsoil will be placed. Scarifications to be a maximum separation of 3 feet cut two directions, one perpendicular to the other. Repeat scarification in areas where equipment used for hauling and spreading topsoil has compacted subsoil.

Embankment. Topsoil shall be removed from all areas that are to receive embankment fill. The existing ground on which the embankment is to be constructed shall be in acceptable condition and all holes, washouts, ditches, channels and other surface irregularities shall be stripped of unsuitable material, filled in layers and thoroughly compacted as specified below. The slopes of all embankments shall be constructed and dressed in a neat and workmanlike manner, as indicated on the drawings or as directed by the Owner.

Only material approved by the Engineer shall be used for embankment. Placement of embankments will begin at the low points and spread uniformly in approximately horizontal layers not exceeding 8 inches in thickness before compaction. All fill materials beneath of within 2 feet of paved areas shall be Illinois Department of Transportation gradation CA-6 or CA-10 crushed limestone or asphalt millings or non-organic excavated materials approved by the Engineer.

Each layer shall be leveled with approved equipment. After spreading, each layer shall be thoroughly manipulated by plowing, disking, or other approved methods, to the full depth of the layer being placed to assure uniform density and moisture distribution for proper compaction. If the moisture content at the time of compaction is too dry, it shall be moistened by sprinkling, before and during manipulation, to properly condition the material for compaction. If the material is too wet, the compaction operation shall be delayed until the moisture content has been reduced to within satisfactory compaction rate (within 2% of optimum). No jetting or water soaking will be permitted.

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Compaction. Compact subgrade areas beneath or within 2 feet of pavements to 95% Standard Proctor Density. Subgrades beneath pavements shall also be compacted so as to have a minimum CBR of 6, as measured by DCP tests. Compact non-structural embankment to a minimum of 85% Standard Proctor Density.

Site Compaction Testing. Testing of compacted fill materials / subgrades will be performed by an independent testing laboratory employed and paid for by the Owner. Testing will be performed in a manner to least encumber performance of the work. Density tests shall be conducted for each lift of compacted material except as otherwise noted or as allowed by the Engineer. The tests shall be performed for a minimum of every 1,000 square feet of area of portion thereof.

Placing Topsoil. Place topsoil in accordance with Section 211 of the "Standard Specifications for Road and Bridge Construction". Place topsoil to a minimum depth of 6 inches, up to finish grade elevation for all disturbed areas to be seeded. Use topsoil in relatively dry state. Place during dry weather. Fine grade topsoil, eliminating rough and low areas, to ensure positive drainage. Maintain levels, profiles and contours of subgrades. Remove stone, roots, grass, weeds, debris and other foreign material while spreading.

Topsoil shall be segregated during excavation activities, to allow for its reuse. Manually spread topsoil around trees, plants and building to prevent damage which may be caused by grading equipment. Roll and lightly compact placed topsoil. Topsoil shall be free from rocks, stones, debris and other unsuitable materials, and shall be approved by the Engineer or Owner's Representative before placement. Excess topsoil shall become the property of the Owner.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.12 PAVEMENT REMOVAL AND REPLACEMENT

Description. This Work consists of the removal of all rigid pavements encountered regardless of composition or thickness including: Portland Cement concrete pavements, brick pavements with PCC base course, asphalt pavements with PCC, aggregate or brick base course, and any other miscellaneous pavements encountered not covered separately in these Special Provisions. The limits of pavement removal are as shown on the Plans or directed by the Engineer. All debris shall be removed and disposed of off-site.

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Materials. Portland Cement Concrete for pavement shall be an Illinois Department of Transportation approved High Early Strength mix containing 5% to 8% entrained air. Materials shall be in accordance with Section 1020 of the Standard Specifications. Concrete mixes used for construction of high-early-strength Portland Cement Concrete pavement shall induce the use of high early strength Portland Cement (Type III Cement) either exclusively or as partial replacement of the Type I Portland Cement, a rich mix of Type I Portland cement, or a concrete mixture containing an accelerator approved by the Engineer. The concrete shall contain a minimum of six (6) bags of cement and develop a minimum compressive strength in 72 hours of 3,500 P.S.I. The maximum slump shall be 3 inches. Failure to meet any of these requirements shall be cause for rejection of the concrete.

Temporary aggregate base course shall be a course aggregate gradation CA-6 of CA-10 conforming to the "Standard Specifications for Road and Bridge Construction".

Temporary pavement surface shall be 8 Inch thickness of CA-6 or CA-10 complying with applicable requirements of the Standard Specifications.

Construction Requirements. The removal of the existing pavement shall be done in accordance with Article 440 of the Standard Specifications. The Contractor shall sawcut existing pavements at the limits of removal as shown on the Plans or as directed by the Engineer in the field. All sawcuts shall be full depth and shall be incidental to other removal items and will not be paid for separately.

Care shall be taken when removing pavements to preserve and protect adjacent Portland cement concrete and bituminous pavements to remain in place. Existing pavements damaged by construction operations shall be replaced by the Contractor to the satisfaction of the Engineer at no cost to the Owner. Demolition debris shall be immediately removed from the site.

At locations where it is necessary to cut bituminous concrete surfaces, concrete pavement, concrete driveway pavement, concrete sidewalk, or concrete curb and gutter, where it will abut the proposed new construction, a uniformly straight full depth saw cut shall be obtained by the use of a diamond concrete saw. The use of pneumatic tools to make these cuts will not be allowed. This work shall be considered incidental to the various pay items of the proposed construction involved and no additional compensation will be allowed.

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Temporary replacement pavement for pavements and driveways shall be constructed in accordance with the provisions of Section 402 of the "Standard Specifications for Road and Bridge Construction" and these requirements. Temporary replacement pavement shall be placed only on fully compacted subgrade, matching existing dimensions. All work shall comply with Section 1020 of the "Standard Specifications for Road and Bridge Construction". Minimum thickness of temporary replacement pavement shall be 8 inches of compacted CA-6 or CA-10. The Engineer shall measure depth of the subgrade prior to placement of pavement. Temporary pavement shall not be placed until the subgrade has been checked by the Engineer.

Construction Methods. Portland Cement Concrete pavement shall be constructed in accordance with Section 420 of the Standard Specifications for Road and Bridge Construction and the notes and details contained in the Plans.

Drainage of the improvements is a major concern. Grades are very critical and special care must be taken when constructing Portland Cement Concrete pavement. If an area is not properly drained, the Contractor, at his own expense, shall remove that improvement and replace it with the proper drainage.

Forms, when used, shall be set true to line and grade and shall be checked by the Engineer or Owner's Representative prior to placement of concrete. Forms shall not be removed for 24 hours. Care should be exercised when removing forms so concrete edges are not cracked or damaged.

All concrete improvements shall be installed to provide adequate drainage. Any areas which are not drained properly (standing water) shall be removed and repaired by the Contractor with no additional compensation allowed. Contractor shall strictly adhere to consolidation and curing requirements. Failure to properly consolidate joint or cure pavement will result in rejection of the concrete pavement.

The pavement shall be opened to traffic on the basis of tests made in accordance with Section 1020 regardless of the day of the week or holiday, unless otherwise directed by the Engineer. The pavement may be open to traffic when test specimens cured with the patch have obtained a minimum modulus of rupture of 650 psi or a compressive strength of 3,500 psi. Testing will be permitted at the age of 2 days for high-early-strength concrete, rich-mix Portland Cement Concrete, or a concrete mixture containing an approved accelerator.

Marks in the Concrete. The Contractor is responsible to guard fresh concrete until it sets and hardens sufficiently to prevent people from writing, walking, riding bicycles or otherwise marking or defacing the concrete in a permanent fashion. A permanent fashion is markings, which cause depressions in the fresh concrete surface.

Any concrete so marked will be removed and replaced by the Contractor and at the expense of the Contractor.

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Protecting Concrete. In addition to protecting the concrete from marks while wet, it is necessary to protect it from people who would drive or park on the concrete before it has achieved its strength. To protect the concrete, barricades should be placed around the patch and a continuous strip of plastic ribbon or other marking line should be placed. The intent is to communicate as clearly as possible that people should not drive or park on the new concrete surface.

Field Quality Control – Inspections and Tests. Testing laboratory employed and paid for by the Owner will make the following inspections and tests in accord with ACI 301.

Compression strength test for each 20 cubic yards of concrete, or fraction thereof, on specimens taken at a point of discharge from the truck immediately before placing of each design mix daily. A set of test specimens will consist of four (4) standard 6 inch by 12 inch cylinders in accordance with ASTM C172 and ASTM C39. Two (2) cylinders will be tested at 3 days, one (1) at 4 days, and one (1) at 7 days. The complete test set will be picked up in 24 hours after casting and taken to the laboratory for further curing and testing.

Three (3) additional cylinders will be made during a placement which requires temporary heating. These cylinders will be left in the enclosure in the same environment as concrete placed. One (1) cylinder will be tested at 3 days, one at 7 days, the third at 14 days to verify adequacy of temporary heating system.

Slump test will be performed in accordance with ASTM C143, with one (1) test made for each 20 cubic yard of concrete, or fraction thereof.

Air entrainment tests will be performed in accordance with ASTM C173 or C231, with one (1) test made for each 20 cubic yards of concrete, or fraction thereof.

When the tests indicate concrete strength below that specified, improper slump or air entrainment, or when visual defects indicate poor quality concrete has been placed, Owner's Representative will immediately notify Contractor. Contractor may, at its own expense, have additional tests made; including compression tests on cored cylinders in accord with ACI 318. The Owner's Representative will order the removal of all non-conforming or defective concrete, and its replacement with concrete meeting specifications.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

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Completed work comprised of concrete that fails to meet the specified minimum strength requirements shall be paid for at a rate less than the established Contract Unit Prices. The payment rates shall be determined from the following equation:

$$R = 0.9 * U * \{(C_1+C_2+\dots+C_n) / (3,500 * n)\}$$

(Note: If flexural strength is used, substitute 650 for 3,500)

Where:

R = Reduced Rate of Payment

U = Unit Bid Price Established in the Contract Documents for
Pay Item in Question

C = Compressive Strength (Flexural Strength) of Individual Test Specimen at
72 hours

N = Number of Test Specimens

**SECTION 3.13 REMOVAL AND REPLACEMENT OF UNSUITABLE BASE
AGGREGATE**

Description. This Work shall consist of the removal and replacement of unsuitable base aggregate discovered during construction.

Construction. The Contractor shall notify the Engineer prior to excavation of individual areas in excess of 2 square yards.

Unsuitable base aggregate discovered during construction shall be removed and disposed of offsite in a legal manner.

The subgrade shall be compacted to 95% of the Standard Proctor Density. The Engineer may require Dynamic Core Penetrometer (DCP) testing prior to aggregate base placement. The Contractor shall accommodate testing during construction. DCP testing will be provided by the Owner. Construction delay due to testing shall be considered incidental to construction.

The Contractor shall place and compact aggregate base materials salvaged from on site as needed for pavement placement. Aggregate base materials shall be placed and compacted to 95% of the Standard Proctor Density in maximum 6 inch lifts. The Contractor shall provide supplemental base aggregate as needed if sufficient suitable base aggregate cannot be salvaged from on site.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.14 HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT

Description. This Work shall consist of the construction of High Early Strength Portland Cement Concrete Pavement. Although not required as per the Plans, High Early Strength Portland Cement Concrete Pavement may be used to decrease the time required for pavement closure. All work shall be performed in accordance with Section 420 of the Standard Specifications unless modified in this contract.

Materials. Materials shall be in accordance with Section 1000 of the Standard Specifications. Concrete mixes used for construction of High-Early-Strength Portland Cement Concrete Pavement shall induce the use of high early strength Portland Cement (Type III Cement) either exclusively or as partial replacement of the Type I Portland Cement, a rich mix of Type I Portland cement, or a concrete mixture containing an accelerator approved by the Engineer. The resultant concrete mixes shall exhibit the following minimum strength parameters:

<u>Property</u>	<u>Value</u>	<u>Time</u>
Compressive strength	3,500 psi	72 hours
	or	
Flexural strength	650 psi	72 hours

Completed work comprised of concrete that fails to meet the specified minimum strength requirements shall be paid for at a rate less than the established Contract Unit Prices. The payment rates shall be determined from the following equation:

$$R = U * \{(C_1 + C_2 + \dots + C_n) / (3,500 * n)\}$$

(Note: If flexural strength is used, substitute 650 for 3,500)

Where:

R = Reduced Rate of Payment

U = Unit Bid Price Established in the Contract Documents for
Pay Item in Question

C = Compressive Strength (Flexural Strength) of Individual Test Specimen at
72 Hours

N = Number of Test Specimens

The calculated payment rate shall be used only for that portion of the work represented by the test specimens. The Engineer shall keep detailed records of the locations where test specimens were obtained, and the quantities of work completed in conjunction with that of days with a concrete pour. In no case shall the rate of payment exceed the Contract Unit Price.

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Pavement Construction. Construction of pavements - Portland Cement Concrete Driveway Pavement (High-Early) - shall be performed as shown on the Plans in these specifications and in accordance with Section 420 of the Standard Specifications with the following exceptions:

The pavement shall be opened to traffic on the basis of tests made in accordance with Section 1020 regardless of the day of the week or holiday, unless otherwise directed by the Engineer. The pavement may be open to traffic when test specimens cured with the patch have obtained a minimum modulus of rupture of 650 psi or a compressive strength of 3,500 psi. Testing will be permitted at the age of 2 days for high-early-strength concrete, rich-mix Portland Cement Concrete, or a concrete mixture containing an approved accelerator.

The contractor may not park any vehicles or equipment on adjacent private property and may not use private property for access of concrete hauling vehicles. It is the responsibility of the contractor to locate a place to stage construction from. The contractor shall not use any private property in the area without written consent of the property owner and permission from the Engineer.

Marks in the Concrete. The contractor is responsible to guard fresh concrete until it sets and hardens sufficiently to prevent people from writing, walking, riding bicycles or otherwise marking or defacing the concrete in a permanent fashion. A permanent fashion is markings which cause depressions in the fresh concrete surface.

Any concrete so marked shall be removed and replaced by the contractor and at the expense of the contractor.

Protecting Concrete. In addition to protecting the concrete from marks while wet, it is necessary to protect it from people who would drive or park on the concrete before it has achieved its strength. To protect the concrete, barricades should be placed around the patch and a continuous strip of plastic ribbon or other marking line should be placed. The intent is to communicate as clearly as possible that people should not drive or park on the new concrete surface.

Construction Requirements. At locations where it is necessary to cut bituminous concrete surfaces, concrete pavement, concrete driveway pavement, concrete sidewalk, or concrete curb and gutter, where it will abut the proposed new construction, a uniformly straight full depth saw cut shall be obtained by the use of a diamond concrete saw. The use of pneumatic tools to make these cuts will not be allowed. This work shall be considered incidental to the various pay items of the proposed construction involved and no additional compensation will be allowed.

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After breaking and removal of any existing pavement, driveway approach, curb and gutter, concrete header, concrete base, sidewalk or sidewalk ramp, any areas of the sub-base which are below the required elevation of the finished sub-base, shall be built up to grade at the Contractor's expense, with approved compacted crushed stone, concrete or compacted bituminous material. No additional compensation will be allowed for this work and will not be paid for separately, but shall be considered as incidental to the contract.

Joints. The Contractor shall hand tool or saw cut transverse joint at T/4 (thickness) on 15 foot intervals to align with the joints of the adjoining pavement or gutter.

Dowel Bars shall be placed at 30 inch centers on the street side and also the curb side of the new pavement. Rebar shall be Number 4 – 18 inches long extending 9 inches into the new pavement, curb and gutter and existing concrete pavement.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.15 CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT

Description. This Work consists of sawing, removing and disposing of existing curb and gutter including any and all soil disturbed by the removal process and forming, placing, finishing and curing new Portland Cement Concrete curb and gutter.

Materials. Portland Cement Concrete for sidewalk shall be an Illinois Department of Transportation approved Class "SI" mix containing 5% to 8% entrained air. The concrete shall develop a minimum compressive strength in 14 days of 3,500 psi. The maximum slump shall be 4 inches. Failure to meet any of these requirements shall be cause for rejection of the concrete.

Materials and methods shall meet the requirements of Section 1020 of the Illinois Department of Transportation "Standard Specifications for Road and Bridge Construction" insofar as they apply.

Submittals. Contractor shall submit proposed mix design, compression test report data for the proposed mix, and product data for curing compound, expansion material, "zip strip," and joint sealant.

Construction Requirements. All work shall be performed in accordance with Sections 440 and 606 of the Illinois Department of Transportation "Standard Specifications for Road and Bridge Construction" and the notes and details contained in the Plans.

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Contraction joints shall be constructed and located in accordance with the notes and details shown in the Plans. Curb transverse joints (contraction joints) shall be placed at a maximum of 15 foot intervals for adjacent bituminous pavement or shall be placed to coincide with adjacent Portland cement concrete pavement joints and not exceeding a maximum of 15 foot intervals. Contraction joints shall be 2 inch deep saw cuts with a 1/4 inch wide conventional blade within 8 hours of placement.

Isolation joints, expansion joints, construction joints and contraction joints shall be constructed in the locations shown in the Plans and in accordance with the details for each joint.

Joint sealant shall be Sonolastic NPI joint filler manufactured by Sonneborn. Joints shall be sealed to within 1/8 inch of the finish surface.

All saw cuts shall be made within 8 hours of the placement of concrete.

Curbs shall be constructed using a curb form or mule of the required cross section. Hand formed (darbying) curb will not be accepted.

Water shall not be added to the surface of the concrete for finishing purposes.

Curbs poured separately from pavement shall have a heavy broom finish parallel to the direction of gutter flow. Curbs poured monolithically shall have a heavy broomed finish transverse to direction of travel similar to the adjacent pavement.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.16 HANDICAP RAMP

Description. This Work includes furnishing Portland Cement Concrete as well as all labor, materials and equipment required to place, form cure and finish Handicap Ramps, in accordance with the dimensions shown on the design Plans or those specified by the engineer.

References. All Work shall comply with the provisions of Sections 424, 1020, and 1051 and Article 1103.17 of the "Standard Specifications for Road and Bridge Construction".

Materials. Portland Cement Concrete shall consist of Portland cement, fine aggregate, coarse aggregate, water, and entrained air. The Portland cement concrete shall meet all specifications listed on the Plans and listed in Section 1020 of the cited reference with between 5% and 8% air entrainment, and with a maximum slump of 4 inches.

Detectable warnings shall meet all ADAAG requirements as well as all Specifications listed on the Plans and in Article 424.09 of the cited reference.

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Execution. Construction methods for construction of Handicap Ramps shall be in accordance with the cited references, the Plans, and ADAAG requirements.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.17 DETECTABLE WARNING PANEL

Description. This Work shall consist of furnishing all material, equipment, and labor necessary for the placement of detectable warning panels at sidewalk curb ramps at the locations shown on the Plans.

Construction Requirements. All Work shall be performed in accordance with Sections 4.1 and 4.7 of the Americans with Disability Act Accessibility Guidelines (ADAAG) as amended through January 1998 and with Section 1108 of the Architectural and Transportation Barriers Compliance Board's "Draft Guidelines for Accessible Public Rights-of-Way" dated June 17, 2002 as amended, supplemented and adopted.

Detectable warning panels shall extend 24 inches minimum in the direction of travel and the full width of the curb ramp, landing, or blended transition. The pavers shall be located so that the edge nearest the curb line is no less than 6 inches and no more than 8 inches from the back of curb.

Truncated domes shall be aligned on a square grid aligned in rows parallel and perpendicular to the predominant direction of travel to permit rolling of wheels between the domes. Domes shall not be skewed diagonally to the direction of travel.

The panels shall be incorporated into the sidewalk ramps as indicated in the details included in the Plans.

Materials. All detectable warning panels shall conform to ANSI A117.1 – 1998 Accessibility Guidelines for Building Specifications. Submit manufacturer's certification of compliance with all applicable standards and drawings and / or catalog cut sheets to the Engineer for approval within at least 14 working days of the Notice to Proceed.

Detectable warning surfaces shall be dark red panels to contrast visually with adjacent light concrete walking surfaces and shall be textured to provide slip resistance. Submit a sample of the detectable warning pavers for approval by the Engineer within at least 14 working days of the Notice to Proceed. Submittals shall include manufacturer's statement of percentage of visual contrast provided according to ADAAG A4.29.2.

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Truncated domes on detectable warning panels shall have a base diameter of 0.9 inch (23 mm) minimum and 1.4 inches (36 mm) maximum; a top diameter of 50% of the base minimum and 65% of the base maximum; a height of 0.2 inch (5 mm) and a center-to-center spacing of 1.6 inches (41 mm) to 2.4 inches (61 mm).

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.18 PCC SIDEWALK CONSTRUCTION

Description. This Work includes furnishing all labor, equipment, tools, and materials needed to install all concrete sidewalks from within the limits indicated on the Plans and as located by the Engineer.

Materials. Portland Cement Concrete for sidewalk shall be an Illinois Department of Transportation approved Class "SI" mix containing 5% to 8% entrained air. The concrete shall develop a minimum compressive strength in 14 days of 3,500 P.S.I. The maximum slump shall be 4 inches. Failure to meet any of these requirements shall be cause for rejection of the concrete.

Construction Requirements. All Portland Cement Concrete sidewalks shall be constructed in accordance with Section 424 of the Standard Specifications for Road and Bridge Construction and the notes and details contained in the Plans. Portland Cement Concrete sidewalks shall be 5 inch thickness unless otherwise shown on the Plans.

When necessary to construct according the elevations on the Plans, sidewalk subgrade shall be built up to grade with 95% compacted CA-6 or CA-10, or additional concrete. Excavated or disturbed soil shall not be used as subgrade material for sidewalks.

The Contractor is responsible to guard fresh concrete until it sets and hardens sufficiently to prevent people from writing, walking, riding bicycles or otherwise marking or defacing the concrete in a permanent fashion. A permanent fashion is markings which cause depressions in the fresh concrete surface. Any concrete so marked will be removed and replaced by the Contractor and at the expense of the Contractor. The extent of the patch to be removed shall be at the sole discretion of the Engineer, but in no case shall be less than one full panel of pavement. Contractor should make sufficient attempts to barricade newly placed concrete.

The sidewalk construction work shall include all necessary grading and shaping of all areas adjacent to sidewalk construction to provide proper slope and appearance. Grading shall be done by hand around light poles, utility poles, sign posts, shrubs, trees or other natural or man-made objects where shallow fills or cuts are adjacent to them.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

All sidewalk construction Contract Lump Sum Prices shall include provision of construction, expansion, isolation and contraction joints and no additional compensation shall be allowed.

SECTION 3.19 PCC SIDEWALK REMOVAL AND REPLACEMENT

Description. This Work includes furnishing all labor, equipment, tools, and materials needed to remove all concrete sidewalks from within the limits indicated on the Plans and as located by the Engineer and to replace the sidewalks after construction and backfilling operations are complete.

Materials. Portland Cement Concrete for sidewalk shall be an Illinois Department of Transportation approved Class "SI" mix containing 5% to 8% entrained air. The concrete shall develop a minimum compressive strength in 14 days of 3,500 P.S.I. The maximum slump shall be 4 inches. Failure to meet any of these requirements shall be cause for rejection of the concrete.

Construction Requirements. All Portland Cement Concrete sidewalks shall be constructed in accordance with Section 424 of the "Standard Specifications for Road and Bridge Construction" and the notes and details contained in the Plans. Portland Cement Concrete sidewalks shall be 5 inch thickness unless otherwise shown on the Plans.

The removal of the existing sidewalk shall be done in accordance with Article 440 of the Standard Specifications. The Contractor shall sawcut existing sidewalks at the limits of removal as shown on the Plans or as directed by the Engineer in the field. All sawcuts shall be full depth and shall be incidental to other removal items and will not be paid for separately.

Care shall be taken when removing sidewalk to preserve and protect adjacent Portland Cement Concrete and bituminous pavements to remain in place. Existing sidewalks damaged by construction operations shall be replaced by the Contractor to the satisfaction of the Engineer at no cost to the Owner. Demolition debris shall be immediately removed from the site and disposed.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.20 EXPANSION JOINTS

Description. This Work shall consist of all equipment, labor and materials necessary to install expansion joint material at locations shown on the plans and in accordance with the details and standards.

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Materials. Expansion joint material shall be Natural Grey Homex 300 manufactured by the Homosote Company. The use of this material will not require a bond breaker. The contractor may also use pre-formed bituminous impregnated fiber board in accordance with Section 1051 of the Standard Specifications where allowed by the details. The use of this material shall require a backer rod or bond breaker to separate the sealant from the expansion material. Expansion joint material shall be 3/4 or 3/8 inch thickness as specified in the Plans.

Construction Requirements. Expansion joints shall be constructed in accordance with the details shown on the plans. Expansion material shall extend full depth through the concrete. The top of the expansion joint shall be depressed 1/4 to 3/4 inch below the surface of the concrete. A joint filler material shall be placed above the expansion materials as shown in the Plans and details.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.21 CONTRACTION JOINTS

Description. This Work shall consist of all equipment, labor and materials necessary to provide contraction joints in Portland Cement Concrete curbs, sidewalks, pavements and base courses at locations shown on the Plans and in accordance with the details and standards.

Construction Requirements. Contraction joints shall be constructed and located in accordance with the notes and details shown in the Plans. Contraction joints shall be hand tooled with a standard 1/4 inch radius jointer at the time of placement and shall be sawcut in accordance with the notes and details shown in the Plans.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.22 CONSTRUCTION JOINTS

Description. This work shall consist of all equipment, labor and materials necessary to install construction joints at locations as described in the notes and details, as shown on the Plans and in accordance with the details and standards.

Construction Requirements. Construction joints between adjoining new pavements shall be constructed in accordance with the notes and details contained in the Plans and shall be located coincident with planned locations of contraction joints. The concrete pours shall each be edged with a standard 1/4 inch radius edger.

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Construction joints between new curb and existing pavement shall be constructed in accordance with the details shown on the Plans. New curbs shall be connected to existing pavements with 18 inch long number 4 rebar or expansion anchors on 18 inch centers.

Construction joints between new pavement and existing pavement shall be constructed in accordance with the details shown on the Plans. New Portland Cement Concrete pavement shall be joined to existing pavements with 24 inch long number 6 steel rebar on 18 inch centers epoxy grouted into the existing pavement. The new concrete pavement may need to be thickened to provide at least 6 inches of interface against the adjacent concrete pavement.

Construction joints between new Portland Cement Concrete base course and existing curb and gutter shall be constructed in accordance with the details shown on the Plans. New base course shall be joined to existing curb and gutter by the construction of a 3 1/2 inch wide Portland Cement Concrete "ledge" tied to the existing curb with expansion anchors on 18 inch centers. Portland Cement Concrete for ledge shall be the same type as for curb and gutter.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.23 PARKING LOT SIGNAGE AND STRIPING

Description. This item shall consist of furnishing all labor, materials, supplies, machinery, tools and supervision for erection of signage, and painting of parking spaces as shown on the Plans.

Execution. Parking lot striping will be performed according to the dimensions and locations shown on the Plans and according to Section 780.06 of the "Standard Specifications for Road and Bridge Construction". Any striping that does not conform to the dimensions and locations shown on the Plans will not be considered for payment and shall be corrected to the satisfaction of the Engineer at the expense of the Contractor.

Accessible parking signage shall be erected in the locations shown on the Plans and in a manner according to notes included on the Plans and all ADA requirements. Any signage, which does not meet the specified requirements must be removed and replaced until all requirements are met. Removal and replacement of signage will be at the cost of the Contractor.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.24 TRAFFIC BARRICADE BOLLARD

Description. This Work shall consist of all labor, material, and equipment to install traffic barricade bollards in accordance with the Plans.

Materials. The traffic barricade bollard shall be a double post barricade with a top bollard locking position. The bollard shall be a "TrafficGuard" Double Post (DHB) or approved equal. A thickened concrete slab shall be constructed in accordance with the bollard manufacturer's specifications when the bollard is located in a pavement construction area. The thickened concrete slab shall be considered incidental to bollard construction. An "Instant Foundation Anchor" or approved equal decorative lighting foundation shall be augured into place for traffic barricade bollard installation in all other areas. The decorative lighting foundation base plate shall be sized to accept the traffic bollard. All hardware necessary for bollard installation shall be considered incidental to bollard construction.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.25 GRADING, FERTILIZING, SEEDING, AND MULCHING

Description. This work shall consist of: furnishing all labor, equipment and materials to bring area to final grade, to prepare the seed bed, seed, fertilize, and mulch those areas disturbed by construction activity.

References. Work shall be performed in accordance with the applicable sections of the "Standard Specifications for Road and Bridge Construction", dated April 1, 2016, particularly Sections 250 and 251.

Seeding Mixtures. Seeding mixture for lawn turf areas to be used shall be Class 1 lawn mixture shall be applied at double the rate called for in the "Standard Specifications for Road and Bridge Construction". In addition, 40 lbs per acre of Spring Oats shall be added to the mix.

Fertilizer. Fertilizer shall be standard 12-12-12 commercial grade, uniform in composition, free flowing and suitable for application with approved equipment, delivered to the site in bags or other convenient containers each fully labeled.

Lime. Lime shall be ground limestone containing all of the finer particles obtained in the grinding process and ground sufficiently fine so that not less than 80% will pass through a No. 8 sieve. The calcium carbonate equivalent must be at least 80%. One or both must be greater than 80% so that the multiplication of the percent of calcium carbonate equivalent by the percent of material passing through the No. 8 sieve will be equal to or in excess of 72. The moisture content at the time of shipment must not exceed 8%.

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Mulch. Mulch shall be clean dry straw free from weeds or weed seeds.

Seed. Seeding mixture to be used in all disturbed areas and for swales, berms and spoil disposal areas shall be a conservation mixture applied at the rate specified herein.

Smooth Brome Grass	160 lbs / acre
Vernal Alfalfa	30 lbs / acre
Oats, Spring	96 lbs / acre

Construction Requirements. The seeding, fertilizing and mulching shall be done in accordance with Articles 250.04 and 250.07 of the Standard Specifications and these technical Specifications. The acceptable period for planting shall be in accordance with the Standard Specifications. Seeding will not be allowed at any other times. Seeding shall take place as soon as finish grading operations are complete.

Before any seeding begins, the Contractor shall be responsible for the removal of all debris and other deleterious material that would interfere or complicate the future maintenance of the restored and adjacent areas. All areas prepared and ready for seeding shall be inspected and approved by the Engineer prior to any seed application. Any seeded areas not pre-approved by the Engineer shall not be paid for.

The Contractor shall supply the proper certifications and weight tickets on the fertilizer / mulch mixture. Any seeding performed without this documentation shall not be approved for payment.

Preparation of Seed Bed. After the areas to be seeded have been brought to the proper grades and cleared of all stones, boulders and debris, the areas shall be thoroughly tilled to a depth of at least 3 inches by disking, harrowing, roto-tilling, or other approved methods until the condition of the soil is acceptable to the Engineer. If as a result of a rain, a crust is formed over the prepared surface, it shall again be placed in a suitable condition for planting.

Fertilizer shall be distributed uniformly at the rate of 400 pounds per acre, over the area indicated to be fertilized, and shall be incorporated into the soil to a depth of at least 3 inches by disking, harrowing or other approved methods acceptable to the Engineer. The incorporation of fertilizer may be a part of the tillage operation specified above.

Lime shall be distributed uniformly on all areas to be fertilized at the rate of 2 tons to 1 acre and shall be incorporated in the soil to a depth of at least 3 inches by disking, harrowing, roto-tilling or by other methods acceptable to the Engineer, immediately following or simultaneously with the incorporation of the fertilizing.

Seeding Methods. Seed materials shall be delivered in original unopened containers showing weight, analysis, and name of supplier.

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No seed shall be sown during high winds or when the ground is not in a proper condition for seeding nor shall any seed be sown until the purity test has been completed for the seeds to be used, and shows that the seed meets the noxious weed seed requirements. Equipment shall be operated in a manner to assure complete coverage of the entire area to be seeded.

Within 12 hours all seeded areas shall be rolled at right angles to the run-off with an approved type roller or cultipacker to compact the seed bed and place the seed in contact with the soil. On areas seeded with a hydraulic seeder, rolling shall not be required. The optimum depth for seeding shall be 1/4 inch.

All seeded areas shall be mulched within 12 hours of the time of seeding. Method 2, Procedure 2 or Procedure 3 shall be utilized, unless other methods are approved in advance in writing by the Engineer.

Spring seeding shall begin March 1 and terminate May 31. Fall seeding shall begin August 15 and terminate October 15. Seeding at other times of the year may be performed only if accompanied by daily watering, as required by weather conditions, to assure turf reestablishment.

Watering. Contractor shall be required to water seeded areas on a weekly basis or as weather conditions require to assist in reestablishment of turf areas until a good uniform stand of turf has been established. Watering rate shall not be less than 1 gallon per square yard. Up to four (4) supplemental watering shall be applied to this Contract.

If the Contractor desires to use water from hydrants, he shall make application to the Owner, and shall conform to municipal ordinances, rules, or regulations concerning their use. The Contractor shall use water from fire hydrants only at those times designated by the Owner. Owner will provide water at no cost to the Contractor.

Reseeding. In the event that flooding or erosion damage occurs to the seeded areas, the Contractor shall be required to reseed or overseed areas which have been damaged. Reseeding and overseeding shall be at Contractor's expense. Reseeding and overseeding shall be performed in accordance with all provisions of this section, and shall be repeated as many times as necessary to establish a stand of grass acceptable to the Engineer.

Guarantee. Reestablishment of turf areas in a timely fashion is a critical element of the project. Seeded areas will not be accepted for payment until a good stand of grass has been established in all areas, to the satisfaction of the Engineer.

Basis for Payment. This work shall be paid for at the Contract Lump Sum Price.

SECTION 3.26 TOPSOIL PLACEMENT

Description. This item shall consist of furnishing all labor, materials, machinery, tools, and supervision for excavation and grading required to furnish and place topsoil at locations, indicated upon the Plans, or as directed by the Engineer.

References. Section 211 and Section 212 of the "Standard Specifications for Road and Bridge Construction" dated, April 1, 2016.

Materials. Topsoil shall be fertile, friable, natural black sandy loam, surface soil reasonable free of subsoil, roots, stumps, stones and any other extraneous or toxic matter harmful to plant growth. Topsoil shall have a pH value range of 5.5 to 7.0. Topsoil not falling within the specified pH range shall be amended with limestone.

Suitable materials excavated from the site shall be reutilized to the extent possible.

Execution. Topsoil Placement - This Work shall be performed in accordance with Section 211 of the Standard Specifications, as shown on the Plans, and as directed by the Engineer. Topsoil shall be segregated during excavation activities, to allow for its reuse. Topsoil shall be placed a minimum of 6 inches thick upon completion of all construction operations as directed by the Engineer.

Excess earth will be disposed of by the Contractor as directed by the Engineer. No special provisions will be made for rock excavation. Any boulders encountered shall be removed and disposed of on the site as directed by the Engineer. Excess topsoil shall become the property of the Owner.

Topsoil shall be free from rocks, stones, debris, and other unsuitable materials, and shall be approved by the Engineer or Owner's representative before placement.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

SECTION 3.27 SODDING

Description. This Work shall consist of sod bed preparation (including topsoil placement); furnishing, transporting and placing the sod; applying fertilizer; and watering sod as required in Section 252 of the Standard Specifications. The areas for sodding shall be any area disturbed by the Contractor's construction.

Materials. All materials shall meet the requirements of Section 252 of the Standard Specifications. In addition, agricultural grade topsoil furnished for final grading shall have been sifted and all deleterious material removed including dirt clods greater than ½ inch in diameter.

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Construction Requirements. All Sodding operations shall be done in accordance with Section 252 of the Standard Specifications.

Before any sodding begins, the Contractor shall be responsible for the removal of all debris and other deleterious material that would interfere or complicate the future maintenance of the restored and adjacent areas. After cleanup and power raking of the area to be sodded has occurred, all areas to be sodded shall have a minimum of 2 inches of sifted agricultural grade topsoil applied. (See material requirements above for specification for sifted agricultural grade topsoil).

Sixteen (16) Watering's shall be applied in accordance with Article 252.08 of the Standard Specifications. The first watering shall be completed within two (2) hours of sod placement. Additional watering shall be performed every other day. Water shall be applied at the rate of three (3) gallons per square yard per application. An open-ended hose will not be acceptable. The method of watering shall meet the acceptance of the Engineer. Watering may be postponed for up to two (2) days by the Engineer if a rainfall of at least 0.4 inches has occurred since the last watering. This work shall be considered incidental to sodding pay item but no additional compensation shall be allowed.

Basis of Payment. This work shall not be measured or paid for separately, but shall be included in the Lump Sum pricing for each individual site.

**SECTION 4
BIDDING AND CONTRACT DOCUMENTS**

<u>SECTION</u>	<u>PAGE</u>
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BID PROPOSAL

Bid Proposal for construction of the Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005, Urbana, Illinois.

This Bid is submitted to: Champaign County Board
1776 East Washington Street
Urbana, Illinois 61802

Bid submitted by:

(name and address
of bidder)

for the Project known as Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005. This Bid includes all labor, materials and equipment necessary for the proper execution and completion of said work, as shown in the details and as herein specified. It also includes all work not specifically included in the contract documents which is properly inferable and necessary for the completion of this project.

The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner on the form included in the Contract Documents to complete all Work as specified or indicated in the Contract Documents for the Contract Price and by the Contract Completion Date indicated in this Bid and in accordance with the Contract Documents.

The undersigned Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid Security. This Bid will remain open for acceptance for 45 days after the day of Bid Opening. Bidder will sign the Agreement and submit the Contract Security and other documents required by the Contract Documents within 15 days after the date of Owner's Notice of Award to the Bidder.

The undersigned Bidder acknowledges receipt of the Specifications and Contract Documents for the Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005 dated June 23, 2016, prepared by Berns, Clancy and Associates, P.C.

In submitting this proposal, the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein; and that the proposal is made without collusion with any other person, firm, or corporation.

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The undersigned further declares that (s)he has carefully examined the Proposal, Specifications, form of Contract and Contract Bond, Special Provisions, and Plans and that (s)he has inspected in detail the site of the proposed work, and that (s)he has familiarized himself / herself with all of the local conditions affecting the Contract and the detailed requirements of construction, and understands that in making this Proposal, (s)he waives all right to plead any misunderstanding regarding the same.

The undersigned further understands and agrees that if this Bid is accepted (s)he is to furnish and provide all necessary machinery, tools, apparatus and other means of construction, and to do all of the work, and to furnish all of the materials specified in the Contract except such materials as are to be furnished by the Owner, in the manner and at the time therein prescribed, and in accordance with the requirements therein set forth.

The undersigned declares that (s)he understands that the quantities mentioned are approximate only and that they are subject to increase or decrease; that (s)he will take full payment therefore the amount and the summation of the actual quantities, as finally determined, multiplied by the unit prices shown in the schedule of prices contained herein.

The undersigned further agrees that the unit prices submitted herewith are for the purpose of obtaining a gross sum and for use in computing the value of extras and deductions; that if there is a discrepancy between the gross sum bid and that resulting from the summation of the quantities multiplied by their respective unit prices the latter shall apply and that discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

The undersigned further agrees that if the Owner decides to extend or shorten the improvement, or otherwise alter it by extras or deductions, including the elimination of any one or more of the items, as provided in the Specifications, (s)he will perform the work as altered, increased or decreased at the Contract Unit Prices or as set forth in the Agreement.

The undersigned further agrees that the Owner may, at any time during the progress of the work covered by this Contract, order other work or materials incidental thereto and that all such work and materials as do not appear in the Proposal or Contract as a specific item accompanied by a unit price, and which are not included under the bid price for other items in this Contract, shall be performed as extra work, and that (s)he will accept as full compensation therefore the actual cost plus 15%, the actual cost to be determined as provided in the Specifications or at the lump sum or unit prices agreed upon, by the Owner and the undersigned.

The undersigned further agrees to execute a Contract for this work and present it to the Owner within 15 days after the date of Notice of Award to him / her and will provide evidence of acceptable insurance coverage.

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The undersigned further agrees that (s)he and his / her surety will execute and present within 15 days after the date of Notice of Award, a Contract Bond satisfactory to and in the form prescribed by the Owner, in the penal sum of the full amount of the Contract, guaranteeing the faithful performance of the work in accordance with the terms of the Contract.

The undersigned agrees to complete the work within 40 calendar days, unless additional time is granted in accordance with the Specifications. The undersigned further accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the work on time.

Accompanying this proposal is a bank cashier's check, certified check or bid bond complying with the requirements of the Specifications, made payable to the Owner. The amount of the check, draft or Bid Bond is \$7,500. If this proposal is accepted and the undersigned shall fail to execute a Contract and Contract Bond as required herein it is hereby agreed that the amount of the check or draft or bidder's bond substituted in lieu thereof, shall become the property of the Owner, and shall be considered as payment of damages due to delay and other causes suffered by the Owner because of the failure to execute said Contract and Contract Bond: otherwise said check or draft, or bidder's bond substituted in lieu thereof shall be returned to the undersigned.

-ATTACH BID BOND, BANK CASHIER'S
CHECK OR CERTIFIED CHECK HERE-

The undersigned further states that neither the undersigned, nor any of his employees, agents, suppliers or subcontractors have relied upon any verbal representations from the Owner, the Engineer or any of their employees, agents or consultants in the assembling of the Bid contained herein, and that the bid figure is based solely on the Contract Documents, including properly issued Addenda, and not upon any other written representation.

The undersigned firm certifies that it is not barred from bidding on this contract as a result of a conviction for the violation of state laws prohibiting "bid-rigging" or "bid-rotating".

The undersigned herewith acknowledges receipt of the following Addenda which shall become part of the Contract Documents and have been included in the bid.

Number	Title	Date

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The undersigned certifies that pursuant to Chapter 24, Section 11-42.1-1 of the Illinois Revised Statutes, the bidder is not delinquent in the payment of any tax administered by the Illinois Department of Revenue.

By submission of the Bid, the undersigned Bidder certifies, and in the case of a joint Bid, each party thereto certifies as to his own organizations, that in connection with the Bid:

1. The prices in the Bid have been arrived at independently, without consultation, communication, or agreement, for the purpose of restricting completion as to any matter relating to such prices with any other Bidder or with any competitor;
2. Unless otherwise required by law, the prices which have been quoted in the Bid have not knowingly been disclosed by the Bidder, prior to the opening, directly or indirectly to any other Bidder or to any competitor; and
3. No attempt has been made or will be made by the Bidder to induce any other person or firm to submit or not to submit a Bid for the purpose or restricting competition.

The undersigned Bidder states that he has examined the site and locality where the work is to be performed, the legal requirements (Federal, State, and local laws, ordinances, rules and regulations) and the conditions affecting cost, progress or performance of the work and has made such independent investigations as Bidder deems necessary.

The undersigned agrees that withdrawal of this Bid or failure to sign the Agreement or furnish a satisfactory Contract Bond within the time hereinabove set forth shall automatically bar the undersigned from any further consideration and terminate any and all rights the Bidder may have acquired in, by, or through this Bid.

The Bidder, in compliance with the Invitation for Bids for the construction of the Project having examined the Plans and Specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies, and to construct the project in accordance with the Contract Documents, within the time set forth therein, and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents, of which this proposal is a part.

It is expressly understood that the foregoing statement, representations and promises are made as a condition to the right of the bidder to receive payment under any award made in the accordance with these Specifications.

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The undersigned submits herewith his / her schedule of prices covering the work to be performed under this Contract.

SCHEDULE OF PRICES

Item	Lump Sum Amount
Base Bid	
Champaign County Courthouse	
Champaign County Nursing Home	
Brookens Administrative Center	
ILEAS Facility	
METCAD Facility	
Juvenile Detention Center	
* Bidder's Total Proposed Price For All Six (6) Base Bid Locations	\$

* The Lump Sum Bid Price of all six (6) site locations are to be authorized by the Owner. This price may be different than the summation of all six (6) individual Lump Sum Bid Prices.

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This Bid is submitted to Champaign County, Champaign County, Illinois this _____ day of _____, 2016.

(If an Individual)

Firm Name: _____

Signature of Bidder: _____

(SEAL)

Business Address: _____

Telephone: _____

Fax: _____

Email: _____

(If a Corporation)

Corporate Name: _____

Signed By: _____

Title: _____

(Corporate Seal)

Attest: _____

Business Address: _____

Telephone: _____

Fax: _____

Email: _____

Insert Names and
Addresses of
Officers

(_____
(_____
(_____
(_____
(_____

Champaign County Facilities
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(If an Partnership)

Firm Name: _____

Signed By: _____

(SEAL)

Business Address: _____

Telephone: _____

Fax: _____

Email: _____

Insert Names and (_____
Addresses of All (_____
Members of the (_____
Firm (_____
(_____

(If a Joint Venture)

Venture Name: _____

Signed By: _____

(SEAL)

Business Address: _____

Telephone: _____

Fax: _____

Email: _____

Insert Names and (_____
Addresses of All (_____
Joint Venture (_____
Members (_____
(_____

CONTRACTOR QUALIFICATIONS

Bidder shall submit with bid a list of ten (10) (minimum) similar projects completed by the bidder within the last 5 years in the State of Illinois.

Project _____ Location _____
Year Completed _____ Contact _____
Owner Phone Number _____ Contract Amount _____
Project Details _____

Project _____ Location _____
Year Completed _____ Contact _____
Owner Phone Number _____ Contract Amount _____
Project Details _____

Project _____ Location _____
Year Completed _____ Contact _____
Owner Phone Number _____ Contract Amount _____
Project Details _____

Project _____ Location _____
Year Completed _____ Contact _____
Owner Phone Number _____ Contract Amount _____
Project Details _____

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Project _____ Location _____
Year Completed _____ Contact _____
Owner Phone Number _____ Contract Amount _____
Project Details _____

Project _____ Location _____
Year Completed _____ Contact _____
Owner Phone Number _____ Contract Amount _____
Project Details _____

Project _____ Location _____
Year Completed _____ Contact _____
Owner Phone Number _____ Contract Amount _____
Project Details _____

Project _____ Location _____
Year Completed _____ Contact _____
Owner Phone Number _____ Contract Amount _____
Project Details _____

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Project _____ Location _____
Year Completed _____ Contact _____
Owner Phone Number _____ Contract Amount _____
Project Details _____

Project _____ Location _____
Year Completed _____ Contact _____
Owner Phone Number _____ Contract Amount _____
Project Details _____

Project _____ Location _____
Year Completed _____ Contact _____
Owner Phone Number _____ Contract Amount _____
Project Details _____

Project _____ Location _____
Year Completed _____ Contact _____
Owner Phone Number _____ Contract Amount _____
Project Details _____

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BID BOND

We the undersigned, _____, as Principal, and _____, as Surety, are held and firmly bound unto Champaign County, Champaign County, Illinois, (hereinafter referred to as Owner) in the penal sum of \$7,500 of the total bid price. We bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly to pay to the Owner 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 Bid Proposal to the Owner acting through its awarding authority for the construction of the work for the Project described in the Contract Documents to which this is attached.

Therefore, if the proposal is accepted and a Contract awarded to the Principal by the Owner for the above-designated Project, and the Principal shall, within 15 days after acceptance of the Bid and Award of the Contract by the Owner, 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 elsewhere in these Contract Documents, then this obligation shall become void; otherwise it shall remain in full force and effect.

In the event the Owner determines the Principal has failed to enter into a formal Contract, provide insurance coverage, or furnish proper Surety in compliance with any requirements set forth in the preceding paragraph, then the Owner 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. The Principal hereby agrees that said sum is a reasonable amount of damages incurred by the Owner.

IN TESTIMONY WHEREOF, the said Principal and the said Surety have caused this instrument to be signed by their respective officers and their corporate seals to be hereunto affixed this _____ day of _____, 2016.

SURETY

PRINCIPAL

(Name of Surety) (Seal)

(Company Name) (Seal)

(Signature of Attorney-in-Fact)

(Signature & Title)

Champaign County Facilities
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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), who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of Principal, appeared before me this day in person and acknowledged respectively, that they signed, sealed, 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 _____, 2016

My commission expires _____

Notary Public (Seal)

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 Surety), who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of Surety, appeared before me this day in person and acknowledged respectively, that they signed, sealed, 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 _____, 2016.

My commission expires _____

Notary Public (Seal)

NOTICE

1. IMPROPER EXECUTION OF THIS FORM (i.e., MISSING SIGNATURES OR SEALS OR INCOMPLETE CERTIFICATION) WILL RESULT IN BID BEING DECLARED IRREGULAR.
2. IF BID BOND IS USED IN LIEU OF PROPOSAL GUARANTEE CHECK, IT MUST BE ON THIS FORM AND MUST BE SUBMITTED WITH BID.

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C. PARTNERSHIP

The Partners are as follows (attach additional sheets if necessary):

_____	_____
Name	Address
_____	_____
Name	Address
_____	_____
Name	Address
_____	_____
Name	Address

The business address is: _____

D. INDIVIDUAL PROPRIETORSHIP

The business address is: _____

Business Telephone: _____

My home address is: _____

Home Telephone: _____

E. Under penalty of perjury _____

(Contractor's Name)

Certifies that _____ (FEIN / SSN)
is its correct Federal Taxpayer Identification Number, or in the case of an
individual or sole proprietorship, Social Security Number.

NON-DISCRIMINATION STATEMENT

The Contractor does not and will not engage in discriminatory practices; the Contractor does not and will not engage in discrimination because of race, sex, age, religion, national origin or sensory, mental, or physical handicap in hiring or firing; and the Contractor is, in fact, an equal opportunity employer.

NON-COLLUSION STATEMENT

A. That the only persons or corporations interested with _____
(Name of Bidder)
in the delivery of the materials and/or services bid upon under the Contract other than its officers, directors, shareholders and employees are:

_____ Name	_____ Address

- B. That the said Bid is made without any connection or common interest in the profits with any other persons making any Bid or Proposal for said Work except as listed above.
- C. That this Contract is in all respects fair and entered into without collusion or fraud.
- D. That no employee or any officer of the Owner has any financial interest, directly or indirectly, in the award of this Bid to Bidder except as listed above.
- E. That the Bidder is not barred from bidding on this Contract as a result of violation of either Section 33E-3 (Bid Rigging) or Section 33E-4 (Bid Rotating) of Chapter 38, Illinois Revised Statutes.
- F. The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

NO DELINQUENT ILLINOIS TAXES STATEMENT

The undersigned certifies that the Contractor is not delinquent in payment of any tax administered by the Illinois Department of Revenue except that the taxes for which liability for the taxes or the amount of the taxes are being contested, in accordance with the procedure established by the appropriate Revenue Act; or the Contractor has entered into an agreement (2) with the Illinois Department of Revenue for the payment of all such taxes due and is in compliance with the agreement.

FAMILIARITY WITH LAWS STATEMENT

I, the undersigned, being duly sworn, do hereby state that _____
(Company Name)
is familiar with and will comply with all Federal, State and Local laws applicable to the Project, which include, but are not limited to, the Prevailing Wage Act and the Davis-Bacon Act.

PENDING AND UNCOMPLETED WORK

I, the undersigned, being duly sworn, do hereby declare that the following 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; and all pending low BIDS not yet awarded or rejected:

Total Projects Under Contract _____

Total Projects with Pending Low Bids _____

Total Value of Projects Under Contract
and Pending Low Bids _____

(Affiant's Signature) (Print Name & Title)

(Company Name)

SUBSCRIBED and SWORN to before me this

_____ day of _____, 2016

Notary Public

My Commission Expires: _____

(SEAL)

INSTRUCTIONS: This affidavit is to be completely filled out and executed by the chief officer of the Bidder authorized to submit the affidavit. Attach written explanation where applicable.

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- D. Notify the Owner within 10 days after receiving notice under paragraph A.3.b. above from an employee or otherwise receiving actual notice of such conviction.
- E. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program by any employee who is so convicted.
- F. Assist employees in selecting a course of action in the event drug counseling, treatment or rehabilitation is required and a trained referral team is in place.
- G. Make a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

If an individual, the Contractor certifies that it will not engage in the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance in the performance of the Owner's contract.

The Contractor shall, within 30 days after receiving notice from an employee of a conviction of a violation of a criminal drug statute occurring in the workplace:

- A. Take appropriate personnel action against such employee up to and including termination; and
- B. Require the employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State or local health, law enforcement or other appropriate agency.

Contractor:

By: _____

Title: _____

SIGNED and SWORN to before me this

_____ day of _____, 2016.

Notary Public

NOTICE OF AWARD

TO: PROJECT: Champaign County Facilities ADA
Compliance Exterior Concrete and
Asphalt Work ITB #2016-005

The Owner has considered the Bid Proposal submitted by you for the Work designated by the above referenced Project in response to Owner's Notice to Contractors.

You are hereby notified that your Bid Proposal has been accepted for the lump sum amount of _____

The sections of work and alternates awarded are as follows:

You are required by the Notice to Bidders to execute the Contract and furnish the required Contract Bond and Certificate(s) of Insurance within 15 calendar days from the date of this Notice to you.

If you fail to execute said Contract and to furnish said Bond and Insurance Certificate(s) within 15 days from the date of this Notice, the Owner will be entitled to consider all your rights arising out of its acceptance of your Bid as abandoned, to annul this Notice of Award, and to declare your Bid Security forfeited. The Owner will also be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this Notice of Award to the Owner.

Dated this _____ day of _____, 2016

By: _____

Title: _____

ACCEPTANCE OF NOTICE

Receipt of the above Notice of Award is hereby acknowledged

this _____ day of _____, 2016

By: _____

Title: _____

AGREEMENT

1. This Agreement, made and concluded this _____ day of _____, 2016, between the **Champaign County Board, Urbana, Champaign County, Illinois**, acting by and through its authorized agent, known as the Owner, and _____, his / their heirs, executors, administrators, successors or assigns, known as the Contractor.
2. WHEREAS, the Work is official known as **Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005 Urbana, Champaign County, Illinois**.
3. WHEREAS, the Owner has heretofore duly advertised for sealed bids for the performance of said work in accordance with the requirements of the Illinois Compiled Statues, made and provided;
4. WHEREAS, the Owner received bids on July 28, 2016 and subsequently determined the Contractor's bid to be the lowest, best responsive bid; and
5. WHEREAS, said bid was stated in unit prices for a total of _____ (\$ _____).
_____ for those alternates accepted by the Owner.

NOW THEREFORE, it is hereby covenanted and agreed by and between the Owner and Contractor as follows:

- A. That for and in consideration of the payments and agreements mentioned in the Bid Proposal attached hereto, and made a part hereof, to be made and performed by Owner, the Contractor agrees with said Owner at the Contractor's own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the Work in accordance with the Plans, General Conditions, Supplemental General Conditions, Special Provisions and Specifications hereinafter described, and in full compliance with all of the terms of these Contract Documents and the requirements of the Engineer under it.
- B. And it is also understood and agreed that the Instructions to Bidders, Contract Documents, Standard Specifications, General Conditions, Supplemental General Conditions, Specifications, Technical Special Provisions, all Addenda issued, Bid Proposal, and Contract Bond attached hereto and made a part hereof, and the Plans for the Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005, by Berns, Clancy and Associates, dated June 23, 2016 are all essential documents of this Contract and are a part hereof.

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- C. That said work shall be commenced within 10 days after being notified by the Owner or the Engineer for the Owner, weather permitting, and the Contractor shall proceed in performing said Work with due diligence and without unnecessary or unreasonable delay and shall complete the same as provided for in the Contract Documents referenced above.

Should the Contractor fail to complete the work on or before the completion date stipulated in the Contract or within such extended time as may have been allowed, the Contractor shall be liable to the Owner in the amount of \$750 per calendar day of overrun for the Base Bid. Such sums are considered not as a penalty, but as liquidated damages for each day of overrun in the contract time or such extended time as may have been allowed.

- D. The Contractor shall receive payment from the Owner for performance of the work in accordance with the requirements of the Contract Documents referenced above.
- E. That it is expressly understood and agreed between the parties hereto that the Owner shall determine whether the Work performed is acceptable and whether or not the Contractor is proceeding with all due diligence and without any unnecessary delays.
- F. That the Contractor agrees to do all said work in a good and workmanlike manner to the complete satisfaction of the Owner and, if the Contractor shall, by unreasonable delay, make it appear to the Owner that the work will not be completed as set forth above, then the Owner reserves the right to suspend the work or terminate the contract in accordance with the provisions of the Contract Documents referenced above.
- G. That the Contractor has furnished Owner with a Contract Bond as required in the Contract Documents referenced above.
- H. That the Contractor has furnished the Owner with insurance coverage in accordance with the Contract Documents referenced above.
- I. That the Contractor shall indemnify and save harmless the Owner, its officers and employees as provided in the Contract Documents referenced above.

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IN WITNESS WHEREOF, the parties have hereunto executed this contract in triplicate, each of which shall be considered an original as of the day and year first above written.

For Owner: Champaign County

By _____

Title _____

CORPORATE SEAL

Attest _____

Title _____

For Contractor:

Firm Name: _____

Signature: _____

Title: _____

(Seal)

Attest: _____

Title: _____

Business Address: _____

CONTRACT BOND

We _____ as Principal, and _____ as Surety, are held and firmly bound unto the **Champaign County**, (hereafter referred to as "Owner") in the penal sum of _____ (\$_____), lawful money of the United States, well and truly to be paid unto said Owner, for the payment of which we bind ourselves, our heirs, executors, administrators, successors, jointly to pay to the Owner this sum under the conditions of this instrument.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said Principal has entered into a written contract with the Owner acting through its awarding authority for the construction of work on the project known as the **"Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005, Urbana, Illinois"**, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said Work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such Work and has further agreed to pay all direct and indirect damages to any person, firm, company, or corporation suffered or sustained on account of the performance of such work during the time thereof and until such Work is completed and accepted; and has further agreed that this bond shall inure to the benefit of any person, firm company, or corporation, to whom any money may be due from the Principal, subcontractor or otherwise, for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company, or corporation, for the recovery of any such money.

NOW THEREFORE, if the said Principal shall well and truly perform said Work in accordance with the terms of said contract, and shall pay all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery furnished to him for the purpose of constructing such work, and shall commence and complete the Work within the time prescribed in said Contract, and shall pay and discharge all damages, direct and indirect, that may be suffered or sustained on account of such work during the time of the performance thereof and until the said work shall have been accepted, and shall hold the Owner and its awarding authority harmless on account for any such damages and shall in all respects fully and faithfully comply with all the provisions, conditions, and requirements of said Contract, then this obligation to be void; otherwise to remain in full force and effect and upon notice to the Surety of the Principal's failure to perform, the Surety shall perform the obligations of the Principal hereunder.

The Owner may sue on this Bond, and any person furnishing material or performing labor, either as an individual or as a Subcontractor, shall have the right to sue on this Bond in the name of the Owner for its use and benefit.

Champaign County Facilities
ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005
Urbana, Champaign County, Illinois
June 23, 2016

The said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or the Contract Documents accompanying the same or to the work to be performed thereunder shall in any way affect its obligations on this Bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the work or to the Contract Documents.

PROVIDED, FURTHER that no final settlement between the Owner and the Principal shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

In addition, the Principal and Surety, jointly and severally, expressly guarantee that all services to be performed, all material to be furnished and all performance under the Contract shall be fulfilled in accordance with all requirements of the Contract and the Contract Documents. In addition, Principal and Surety, jointly and severally, expressly guarantee that in the event Owner is required to enforce this Bond in a court of law, Owner will be indemnified with respect to all court cost and reasonable attorneys' and witness fees which are related to such enforcement proceedings.

IN TESTIMONY WHEREOF, the said Principal and the said Surety have caused this instrument to be signed by their respective officers this _____ day of _____ A.D. 2016.

SURETY

PRINCIPAL

(Name of Surety) (Seal)

(Company Name) (Seal)

By: _____
(Signature of Attorney-in Fact)

By: _____
(Signature & Title)

Champaign County Facilities
ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005
Urbana, Champaign County, Illinois
June 23, 2016

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 Surety), who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of Surety, appeared before me this day in person and acknowledged respectively, that they signed, sealed, 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 _____, 2016.

My commission expires _____

Notary Public (Seal)

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 Surety), who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of Surety, appeared before me this day in person and acknowledged respectively, that they signed, sealed, 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 _____, 2016.

My commission expires _____

Notary Public (Seal)

Champaign County Facilities
ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005
Urbana, Champaign County, Illinois
June 23, 2016

CERTIFICATE OF INSURANCE

(Attach all Certificates of Insurance)

NOTICE TO PROCEED

Dated _____

To: _____

(Contractor)

Address:

Project:

**Champaign County Facilities ADA
Compliance Exterior Concrete and
Asphalt Work ITB #2016-005, Urbana,
Champaign County, Illinois**

Contract For:

You are notified that the Contract Time on the Base Bid under the above Contract will commence to run on August 31, 2016.

The date of Completion for the Base Bid is October 10, 2016

Before you start any Work on the site you must _____

You are required to return an acknowledged copy of this Notice to Proceed to the Owner

Copy to Engineer (Use Certified Mail, Return Receipt Requested)

Owner: **Champaign County**

By _____ Title _____

(Authorized Signature)

Acceptance of Notice

Receipt of the above Notice to Proceed is hereby acknowledged

By _____ this ____ day of _____ 2016

Signature: _____ Title: _____

WORK CHANGE DIRECTIVE

Date of Issuance: _____ Work Change Directive Number: _____

Project: Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt
Work ITB #2016-005

Owner: Champaign County Engineer: Berns, Clancy and Associates

Contractor: _____ BCA Job Number: _____

You are directed to proceed promptly with the following change(s):

Purpose of Work Change Directive (attach any documents supporting change):

If a claim is made that the above change(s) have affected Contract Price, any claim for a Change Order based thereon will involve one of the following methods of determining the effect of the change(s).

Method of determining change in Contract Price:

Time and Materials
 Unit Prices
 Other _____

Lump Sum
 Cost Plus Fixed Fee

Estimated increase / decrease in Contract Price: \$ _____

If the change involves an increase, the estimated amount is not to be exceeded without further authorization.

Recommended: Engineer
Berns, Clancy and Associates, P.C.

Authorized: Owner
Champaign County

By: _____ By: _____
Engineer Owner

FIELD ORDER

Date of Issuance: _____ Field Order Number: _____

Project: Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005

Owner: Champaign County Engineer: Berns, Clancy and Associates

Contractor: _____ BCA Job Number: _____

Basis of Field Order

Error / Omission Field Resolution
 Owner Request Value Engineering
 Differing Site Condition

Adjustment to Contact Sum

(indicate if zero cost)

Add: \$ _____

Deduct: \$ _____

Adjustment to Contract Time

_____ Days Added
_____ Days Deducted
 No Change

Cost Basis (check all that apply)

Time & Material Fixed Price
 Not to Exceed Unit Price
 Other _____

You are directed to proceed promptly with the following change(s):

Justification:

Recommended: Engineer
Berns, Clancy and Associates, P.C.

Authorized: Owner
Champaign County

By: _____
Engineer

By: _____
Owner

CHANGE ORDER

Date of Issuance: _____ Change Order Number: _____

Project: Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt
Work ITB #2016-005

Owner: Champaign County Engineer: Berns, Clancy and Associates

Contractor: _____ BCA Job Number: _____

The Contractor is hereby directed to make the following changes in the Contract Documents:

Description:

Reason for Change Order:

Attachments: (list documents supporting change and justifying cost and time)

Champaign County Facilities
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 Urbana, Champaign County, Illinois
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Date of Issuance: _____ Change Order Number: _____

Project: Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt
Work ITB #2016-005

Change in Contract Price:

Original Contract Price: \$ _____

Net changes from previous Change
 Order(s) Number _____ to Number _____
 \$ _____

Net changes from previous Field Order(s)
 Number _____ to Number _____
 \$ _____

Contract Price Prior to this Change Order:
 \$ _____

Net Increase (Decrease) of this
 Change Order:
 \$ _____

Contract Price with all Approved
 Change Orders
 \$ _____

Change in Contract Times:

Original Contract Time: _____

Original Contract Completion Date:

Net changes from previous Change
 Order(s) Number _____ to Number _____
 _____ Calendar days or dates

Contract Times Prior to this Change Order:
 _____ Calendar days or dates

Net Increase (Decrease) of this
 Change Order:
 _____ (calendar days)

Contract Times with all Approved
 Change Orders
 _____ Calendar days or dates

- _____ The undersigned have determined that the circumstances which necessitate this change were not reasonably foreseeable at the time the Contract was signed.
- _____ The undersigned have determined that the circumstances which necessitate this change were not within the contemplation of the Contract as signed.
- _____ The undersigned have determined that this change is in the best interest of the Owner and is authorized by law.

<p>Recommended: Engineer Berns, Clancy and Associates, P.C.</p> <p>By: _____ Engineer</p> <p>Date: _____</p>	<p>Approved: Owner Champaign County</p> <p>By: _____ Owner</p> <p>Date: _____</p>
---	--

<p>Accepted: Contractor</p> <p>By: _____ Date: _____</p>

Champaign County Facilities
ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005
 Urbana, Champaign County, Illinois
 June 23, 2016

APPLICATION FOR PAYMENT

To: Champaign County 1776 East Washington Street Urbana, Illinois 61802	From:
Project: Champaign County Facilities ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005	Application Number:
	BCA Job Number:

For Work accomplished through the date of _____

Item	Plan Quantity	Unit	Quantity / Percent Complete	Unit Price	Amount

Total	\$
Gross Amount Due	\$
Less 10% Retainage	\$
Amount Due to Date	\$
Less Previous Payments	\$
Amount Due on this Application	\$

Contractor's Certification:

The undersigned Contractor certifies that (1) All previous progress payments received from Owner on account of work done under the Contract referred to above have been applied to discharge in full all obligations of Contractor incurred in connection with the Work covered by prior Application for Payment Number 1 through Application for Payment Number ____ inclusive; and (2) Title to all materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all liens, claims, security interests and encumbrances (except such as covered by Bond acceptable to Owner).

Dated _____

By _____ Title: _____

Pay Application Prepared By:

Pay Application Reviewed By: Berns, Clancy and Associates, P.C.

Champaign County Facilities
ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005
 Urbana, Champaign County, Illinois
 June 23, 2016

The Affiant further states that there are no other contracts for said work outstanding and that there is nothing due or to become due to any person, firm, or corporation for material, fixtures, services and labor, either, or any work of any kind other than stated above, or on any account whatsoever.

Affiant further states that the amount of contract, extras, credits, retainage, amount of previous payments, payment applied for and balance due are as follows:

Amount of Original Contract	\$
Extras and Credits to Contract	\$
Net Amount of Contract	\$
Total Amount Requested	\$
Less Percentage Retained	\$
Less Previous Payments	\$
Amount Due this Payment	\$
Balance to Complete	\$

This statement is made in compliance with the provision of the Mechanic's Lien Act of the State of Illinois, and for the express purpose of inducing to make a (Partial / Final) payment on said Contract.

Circle One

Signed and Sealed this _____ day of _____, 2016

 (signature of person making affidavit)

Contractor: _____

SUBSCRIBED AND SWORN TO BEFORE ME

this _____ day of _____, 2016

 Notary Public

CONTRACTOR'S AFFIDAVIT

STATE OF ILLINOIS) PARTIAL
) SS
 COUNTY OF (1) _____) FINAL

TO WHOM IT MAY CONCERN:

WHEREAS, the undersigned, being duly sworn, deposes that he has been
 employed by (2) _____
 the Contractor (or Owner) for the premises known as (4) _____

That the total amount of the Contract including extras is (6) \$ _____

on which he has received payment of (7) \$ _____
 prior to this payment. That all waivers are true, correct and genuine and delivered
 unconditionally and that there is no claim either legal or equitable to defeat the validity of said
 waivers. That the following are names of all parties who have furnished material or labor, or
 both, for said work and all parties having contracts or subcontracts for specific portions of said
 work or for material entering into the construction thereof and the amount due or to become due
 to each and that the items mentioned include all labor and material required to complete said
 work according to the Plans and Specifications.

NAMES (Include undersigned's portion of contract) Attach additional pages if necessary	WHAT FOR	CONTRACT PRICE	AMOUNT PAID TO DATE	THIS PAYMENT	BALANCE DUE
TOTAL (Undersigned MUST compete this line)		(6)	(7)	(8)	(9)

Champaign County Facilities
ADA Compliance Exterior Concrete and Asphalt Work ITB #2016-005
Urbana, Champaign County, Illinois
June 23, 2016

That there are no other contracts for said work outstanding, and that there is nothing due or to become due to any person for material, labor or other work of any kind done or to be done upon or in connection with said work other than above stated.

Signed this _____ day of _____, 2016

Company: _____

Signature: _____

Title _____

Subscribed and sworn to before me this _____ day of _____, 2016

Notary Public

- (1) Insert name of County where waiver is executed;
- (2) Insert name of party who hired you;
- (3) Describe what was furnished, e.g. carpentry, plumbing, etc.;
- (4) Location of project by legal description and / or common address if known;
- (5) Insert amount of this payment;
- (6) Insert Contract amount including extras;
- (7) Insert amount of prior payments;
- (8) For Partial – balance due plus amounts entered in the “Amount Paid” and “This Payment” columns must equal “Contract Price” including extras (6); or for Final – Insert zero

UTILITIES NOTE

UTILITIES SHOWN ARE AS REPORTED TO US AND AS INDICATED ON EXISTING UTILITY BASE MAPS AND REFERENCE DATA PROVIDED TO US. NO ATTEMPT HAS BEEN MADE TO EXCAVATE, UNCOVER, EXPOSE OR ELECTRONICALLY LOCATE THESE FACILITIES TO FIELD CHECK THE EXISTENCE, SIZE, DEPTH, CONDITION, CAPACITY OR EXACT LOCATION OF THESE UTILITIES. FOR ADDITIONAL INFORMATION CONTACT:

SANITARY AND STORM SEWERS AND STREET LIGHTS:

CITY OF URBANA
PUBLIC WORKS DEPARTMENT
706 SOUTH GLOVER STREET
URBANA, IL 61802
PHONE: 217/384-2377
FAX: 217/384-2400

TELEPHONE:

AT&T (LONG DISTANCE)
ATTN: CARL DONAHUE
866 ROCK CREEK ROAD
PLANO, IL 60545
PHONE: 847/420-9115
FAX: 847/244-9597

CHAMPAIGN COUNTY HIGHWAY DEPT
ATTN: JEFF BLUE
1605 EAST MAIN STREET
URBANA, IL 61802
PHONE: 217/384-3800
FAX: 217/384-5148

AT&T (LOCAL)
201 SOUTH NEIL STREET
CHAMPAIGN, IL 61820
PHONE: 217/398-7980
FAX: 217/398-7991

SANITARY INTERCEPTOR SEWERS:

URBANA & CHAMPAIGN
SANITARY DISTRICT
1100 EAST UNIVERSITY AVENUE
POST OFFICE BOX 669
URBANA, IL 61803-0669
PHONE: 217/367-3409
FAX: 217/367-2603

U.S. SPRINT CORPORATION
ATTN: JAMES BURTON
5600 NORTH RIVER ROAD,
SUITE 300
ROSEMONT, IL 60018
PHONE: 847/737-1273
FAX: 847/737-1377

WATER:

ILLINOIS AMERICAN WATER
1406 CARDINAL COURT
URBANA, IL 61801
PHONE: 217/352-7001
FAX: 217/344-6054

MCI TELECOMMUNICATIONS
2921 GREENBRIAR DRIVE
SUITE A
SPRINGFIELD, IL 62704
PHONE: 217/546-9410

GAS:

AMEREN ILLINOIS
ATTN: STEVE ESTES
1112 WEST ANTHONY DRIVE
POST OFFICE 17070
URBANA, IL 61801-7070

McLEOD USA
ATTN: JEFF TAYLOR
30486 E 400 NORTH ROAD
STRAWN, IL 61775
PHONE: 309/838-0788

ELECTRIC:

AMEREN ILLINOIS
ATTN: STEVE ESTES
1112 WEST ANTHONY DRIVE
POST OFFICE 17070
URBANA, IL 61801-7070

CONXXUS
330 WEST OTTAWA STREET
PAXTON, IL 60957
PHONE: 217/379-2026
FAX: 217/379-3361

TRANSPORTATION:

ILLINOIS DEPARTMENT OF
TRANSPORTATION DISTRICT 5
ATTN: KEN HACKNEY
13473 ILL HIGHWAY 133
POST OFFICE BOX 610
PARIS, IL 61944-0610
PHONE: 217/465-4181
FAX: 217/465-5732

MCI (WORLD.COM)
ATTN: INVESTIGATIONS
2400 N GLENVILLE DRIVE
RICHARDSON, TX 75082
PHONE: 972/729-6322
FAX: 972/729-6240

SITE FACILITIES:

CHAMPAIGN COUNTY HIGHWAY DEPT
ATTN: JEFF BLUE
1605 EAST MAIN STREET
URBANA, IL 61802
PHONE: 217/384-3800
FAX: 217/384-5148

iTV-3 (UC2B)
ATTN: ENGINEERING DEPARTMENT
602 HIGH POINT LANE
EAST PEORIA, IL 61111
PHONE: 309/670-0400

CABLE TELEVISION:

COMCAST
ATTN: KEITH KOSHINSKI
303 FAIRLAWN DRIVE
URBANA, ILLINOIS 61801
PHONE: 217/384-8031
FAX: 217/384-2021

JOB CONTACT:

DANA BRENNER
1776 EAST WASHINGTON STREET
URBANA, IL 61821
PHONE: 217/384-3765
FAX: 217/384-3896

ONE-CALL SYSTEM:

J.U.L.I.E.
PHONE: 800/892-0123



PROJECT LOCATIONS



NO SCALE

LOCATION MAPS

INDEX TO SHEETS

1. COVER SHEET
2. HORIZONTAL AND VERTICAL CONTROL DATA
3. PROJECT NOTES AND CONSTRUCTION NOTES
4. CHAMPAIGN COUNTY COURTHOUSE PLAN SHEET
5. CHAMPAIGN COUNTY NURSING HOME PLAN SHEET
6. BROOKINS ADMINISTRATIVE CENTER PLAN SHEET
7. ILLINOIS LAW ENFORCEMENT ALARM SYSTEM (ILEAS) PLAN SHEET
8. METROPOLITAN COMPUTER ASSISTED DISPATCH (METCAD) PLAN SHEET
9. JUVENILE JAIL PLAN SHEET
10. EROSION CONTROL DETAILS AND NOTES TREE PROTECTION DETAILS AND NOTES
11. EROSION CONTROL DETAILS AND NOTES TREE PROTECTION DETAILS AND NOTES
12. PORTLAND CEMENT CONCRETE PAVEMENT DETAILS AND NOTES
13. PAVEMENT JOINT DETAILS AND NOTES
14. PORTLAND CEMENT CONCRETE SIDEWALK DETAILS AND NOTES
15. SURFACE RESTORATION DETAILS AND NOTES
16. STRIPING AND SIGNAGE DETAILS AND NOTES

SIGNED AND SEALED JUNE 23, 2016

PRELIMINARY

CHRISTOPHER BILLING, P.E., VICE PRESIDENT
BERNS, CLANCY AND ASSOCIATES, P.C.
ILLINOIS PROFESSIONAL ENGINEER 40282
LICENSE EXPIRATION: NOVEMBER 30, 2017
URBANA, CHAMPAIGN COUNTY, ILLINOIS
ILLINOIS PROFESSIONAL DESIGN FIRM 2999
LICENSE EXPIRATION: APRIL 30, 2017



PRELIMINARY
ITB# 2016-005

J. U. L. I. E.
NOTE: THE EXACT LOCATION OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION ACTIVITIES. FOR UTILITY LOCATIONS CALL J.U.L.I.E. (800) 892-0123
© 2016 ALL RIGHTS RESERVED. BERNS, CLANCY AND ASSOCIATES, P.C.

DESIGNED:	CB/ZS	REVISIONS
DRAFTED:	KRE	
CHECKED:	CB/ELC/TBB	
FILED:	168-25PLAN.DWG	

BAILEY EDWARD DESIGN
900 North Franklin #604
Chicago, Illinois 60610

1103 South Mattis Avenue
Champaign, Illinois 61821

BERNS, CLANCY AND ASSOCIATES
ENGINEERS • SURVEYORS • PLANNERS
405 EAST MAIN STREET - POST OFFICE BOX 0755
URBANA, ILLINOIS 61803-0755
PHONE: (217) 384-1144 • FAX: (217) 384-3355

CHAMPAIGN COUNTY ADMINISTRATIVE SERVICES

CHAMPAIGN COUNTY FACILITIES ADA COMPLIANCE EXTERIOR ASPHALT AND CONCRETE WORK CHAMPAIGN COUNTY, ILLINOIS

COVER SHEET

DATE:	062316
SHEET:	1 OF 16
JOB:	7168-25

BENCHMARK DATA (NGVD 1929)

BCA BENCHMARK 146
ELEVATION: 728.88 FT.
U.S.G.S. BRASS TABLET FOUND IN CONCRETE STAMPED "2 LES 1948" 47.0 FEET SOUTH OF THE CENTERLINE OF MAIN STREET, 640 FEET± WEST OF ART BARTEL ROAD, 15.3 FEET SOUTH OF CONCRETE SIDEWALK, 10.4 FEET NORTHERLY OF A PINE TREE AND 24.9 FEET NORTHEASTERLY OF THE NORTHEASTERN CORNER OF A PARKING LOT BETWEEN THE ILEAS BUILDING AND THE CHAMPAIGN COUNTY HIGHWAY DEPARTMENT BUILDING, CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.

BCA BENCHMARK 1419
ELEVATION: 745.21 FT.
CHISELED SQUARE FOUND ON THE NORTH FACE OF FLAG POLE BASE 76.3 FEET NORTH OF THE CENTERLINE OF WASHINGTON STREET AND 630 FEET± WEST OF LIERMAN AVENUE IN FRONT OF THE BROOKENS ADMINISTRATIVE CENTER, CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.

BCA BENCHMARK 2385
ELEVATION: 745.60 FT.
CHISELED SQUARE FOUND ON THE NORTH FACE OF FLAG POLE BASE 76.3 FEET NORTH OF THE CENTERLINE OF WASHINGTON STREET AND 630 FEET± WEST OF LIERMAN AVENUE IN FRONT OF THE BROOKENS ADMINISTRATIVE CENTER, CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.

BCA BENCHMARK 3202
ELEVATION: 729.51 FT. (OFF SITE)
CHISELED SQUARE FOUND ON THE NORTHEAST CORNER OF A CONCRETE LIGHT POLE BASE 30.0 FEET SOUTH OF THE CENTERLINE OF MAIN STREET, 300 FEET± EAST OF ART BARTELL ROAD AND 43 FEET WEST OF THE CENTERLINE OF THE US ARMY RESERVE FACILITY DRIVEWAY, CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.

BCA BENCHMARK 3203
ELEVATION: 728.65 FT. (OFF SITE)
CHISELED SQUARE FOUND ON THE SOUTHEAST CORNER OF A CONCRETE LIGHT POLE BASE 30.0 FEET NORTH OF THE CENTERLINE OF MAIN STREET, 130 FEET± EAST OF ART BARTELL ROAD AND 28 FEET± SOUTHWESTERLY OF A 12 INCH DIAMETER TREE, CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.

BCA BENCHMARK 3408
ELEVATION: 732.92 FT. (OFF SITE)
"PK" NAIL FOUND IN THE NORTH FACE OF A UTILITY POLE 51 FEET± NORTH OF THE CENTERLINE OF THE HUMANE SOCIETY ACCESS ROAD, 47 FEET± EAST OF THE CENTERLINE OF ART BARTELL ROAD AND 59.8 FEET SOUTHWESTERLY FROM THE SOUTHWESTERN CORNER OF A METAL BUILDING, CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.

BCA BENCHMARK 3563
ELEVATION: 733.43 FT. (OFF SITE)
"PK" NAIL FOUND IN THE EAST FACE OF A UTILITY POLE 110 FEET± SOUTH OF THE CENTERLINE OF THE HUMANE SOCIETY ACCESS ROAD, 45 FEET± EAST OF THE CENTERLINE OF ART BARTELL ROAD AND 845 FEET± SOUTH OF THE CENTERLINE OF MAIN STREET, CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.

BCA BENCHMARK 3564
ELEVATION: 735.19 FT. (OFF SITE)
SOUTHEAST HEX CAP BOLT ON FIRE HYDRANT FOUND 23.8 FEET± NORTH OF THE CENTERLINE OF THE HUMANE SOCIETY ACCESS ROAD, 250 FEET± EAST OF THE CENTERLINE OF ART BARTELL ROAD AND 39.7 FEET SOUTHEAST OF THE SOUTHEASTERN CORNER OF A CONCRETE PARKING LOT, CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.

BCA BENCHMARK 3565
ELEVATION: 734.03 FT. (OFF SITE)
CHISELED SQUARE FOUND ON CONCRETE BASE FOR SOUTHEAST FENCE CORNER POST AT THE YOUTH DETENTION CENTER, CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.

BCA BENCHMARK 3832
ELEVATION: 733.99 FT. (OFF SITE)
STAMPED "X" FOUND ON THE SOUTHEASTERN UPPER FLANGE BOT NEXT TO "USA" ON FIRE HYDRANT 265 FEET± EAST OF THE CENTERLINE OF ART BARTELL ROAD, 95 FEET± NORTH OF THE CENTERLINE OF THE FRONT DRIVEWAY TO THE CHAMPAIGN COUNTY NURSING HOME AND 55.8 FEET SOUTHWEST OF A CONCRETE SIDEWALK CORNER, CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.

BENCHMARK DATA (NAVD 1988)

BCA BENCHMARK 3061
ELEVATION: 723.42 FT. (OFF SITE)
CHISELED SQUARE FOUND ON THE NORTH SIDE OF CONCRETE BASE FOR LIGHT AND TRAFFIC SIGNAL WITH MAST ARM 35.0 FEET WEST OF THE CENTERLINE OF VINE, 51.3 FEET SOUTH OF THE CENTERLINE OF MAIN STREET AND 5.5 FEET FROM A TRAFFIC LIGHT POLE, CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.

BCA BENCHMARK 4561
ELEVATION: 714.30 FT. (OFF SITE)
CHISELED SQUARE ON THE SOUTHEAST CORNER OF A STEEL LIGHT POLE BASE 31.5 FEET NORTH OF THE CENTERLINE OF MAIN STREET, 56 FEET± EAST OF THE CENTERLINE OF URBANA STREET EXTENDED AND THE SCHNUCKS PLAZA ENTRANCE AND 24.0 FEET SOUTHEASTERLY OF A UTILITY POLE, CITY OF URBANA, CHAMPAIGN COUNTY, ILLINOIS.

HORIZONTAL CONTROL DATA (NAD 83 (2011))

EXISTING ITEMS LEGEND

- 30 INCH LONG, 1/2 INCH DIAMETER IRON PIPE SURVEY MONUMENT SET WITH ALUMINUM CAP STAMPED "ILS 2006 2207"
- EXISTING IRON PIPE/PIN SURVEY MONUMENT FOUND
- ////// EXISTING BUILDING LINE
- EXISTING SIGN
- BENCHMARK/DESIGNATION
- EXISTING DECIDUOUS TREE/SIZE
- EXISTING FLAG POLE
- + 745.30 EXISTING "SOFT" SPOT ELEVATION
- + 745.82 EXISTING "HARD" SPOT ELEVATION
- + 745.851 EXISTING "HARD" SPOT ELEVATION AT TOP OF CURB
- + 745.256 EXISTING "HARD" SPOT ELEVATION AT FLOWLINE OF GUTTER
- + 745.238 EXISTING "HARD" SPOT ELEVATION AT MANHOLE RIM
- + 745.651 EXISTING "HARD" SPOT ELEVATION ON FIRST FLOOR
- TS#2 TRAVERSE STATION/DESIGNATION
- 01 BERNIS, CLANCY AND ASSOCIATES MANHOLE DESIGNATION
- ⊕ EXISTING FIRE HYDRANT
- EXISTING ELECTRIC LIGHTING MANHOLE (HAND HOLE)
- ⊗ EXISTING STORM SEWER MANHOLE (OPEN LID)
- ⊙ EXISTING STORM SEWER MANHOLE (CLOSED LID)
- ≡≡≡ EXISTING STORM SEWER CURB INLET
- EXISTING EXTENDED ARM POLE LIGHT
- ⊗ EXISTING GLOBE POLE LIGHT
- 10'ST- EXISTING STORM SEWER LINE/SIZE (APPROXIMATE LOCATION)
- ? DESTINATION OR DATA UNKNOWN
- () RECORD MEASUREMENT AND/OR DATA

NEW ITEMS LEGEND

- x 734.97 NEW SIDEWALK ELEVATION
- x 734.97 NEW PAVEMENT ELEVATION
- NEW PAVEMENT SAWCUT
- 21 01 KEYED CONSTRUCTION NOTE
- 0.9% MAXIMUM SLOPE BETWEEN NEW ELEVATIONS

CHAMPAIGN COUNTY FACILITIES ADA COMPLIANCE EXTERIOR ASPHALT AND CONCRETE WORK

ITEM	DESCRIPTION	UNIT	COURTHOUSE FACILITY	NURSING HOME FACILITY	BROOKENS FACILITY	ILEAS FACILITY	METCAD FACILITY	JUVENILE DETENTION FACILITY	TOTAL
1	ASPHALT REMOVAL	SQUARE YARD	2	0	240	8	245	75	570
2	CONCRETE REMOVAL	SQUARE YARD	1	25	22	40	18	34	140
3	BLACKOUT EXISTNG STRIPING	LINEAL FOOT	900	0	0	0	170	20	1090
4	NEW CONCRETE PAVEMENT	SQUARE YARD	0	20	256	0	200	74	550
5	NEW TRANSITION PAVEMENT	SQUARE YARD	0	0	0	9	37	8	54
6	NEW CONCRETE SIDEWALK	SQUARE YARD	17	0	22	74	24	34	171
7	NEW CURB AND GUTTER	LINEAL FOOT	30	0	150	0	0	0	180
8	NEW PARKING STRIPING	LINEAL FOOT	900	0	390	0	500	170	1960
9	NEW PARKING PAINT SYMBOL	EACH	5	0	4	4	4	2	19

PRELIMINARY
ITB# 2016-005

J.U.L.I.E.
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DESIGNED: CBE/SSB	REVISIONS
DRAFTED: PE/KRE	
CHECKED: CBE/SSB/TBB	
FILE: 7168-25PLAN	

BAILEY EDWARD DESIGN
900 North Franklin #604
Chicago, Illinois 60610
1103 South Mattis Avenue
Champaign, Illinois 61821

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CHAMPAIGN COUNTY ADMINISTRATIVE SERVICES

CHAMPAIGN COUNTY FACILITIES ADA COMPLIANCE EXTERIOR ASPHALT AND CONCRETE WORK
CHAMPAIGN COUNTY, ILLINOIS

HORIZONTAL AND VERTICAL CONTROL DATA

DATE: 062316
SHEET: 2 OF 16
JOB: 7168-25

GENERAL CONSTRUCTION NOTES

- ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE REFERENCED STANDARD SPECIFICATIONS, THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS, AND THE NOTES AND DETAILS CONTAINED IN THESE PLANS.
- SPECIFICATIONS ADOPTED BY REFERENCE IN THESE PLANS REFER TO THE LATEST PUBLISHED REVISION THEREOF UNLESS OTHERWISE NOTED.
- ALL MEASUREMENTS ARE IN FEET AND DECIMAL PARTS THEREOF, UNLESS NOTED OTHERWISE.
- ALL ELEVATIONS SHOWN EXCEPT FOR THE COURTHOUSE SITE ARE BASED UPON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (MEAN SEA LEVEL DATUM) AS ESTABLISHED AND PUBLISHED BY THE UNITED STATES NATIONAL GEODETIC SURVEY. ALL ELEVATIONS SHOWN AT THE COURTHOUSE SITE ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 AS ESTABLISHED BY THE UNITED STATES NATIONAL GEODETIC SURVEY.
- NO INDEPENDENT INVESTIGATION CONCERNING ZONING OR LAND USE, OR INDEPENDENT SEARCH OF RECORDS FOR EASEMENTS, ENCUMBRANCES, RESTRICTIVE COVENANTS, SUBDIVISION RESTRICTIONS, OWNERSHIP, TITLE EVIDENCE OR ANY OTHER FACTS WHICH AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE FOR SUBJECT PROPERTY OR FOR ADJOINING PARCELS WAS MADE AS A PART OF THIS PROJECT. THE ENGINEER HAS RELIED UPON THE MATERIALS AND REPRESENTATIONS SUPPLIED BY THE OWNER WITH REGARD TO THESE MATTERS.
- SEE MUNICIPAL ORDINANCES AND REGULATIONS FOR ZONING, SETBACK AND BUILDING STANDARD REQUIREMENTS.
- EACH CONTRACTOR OR SUBCONTRACTOR SHALL SECURE ALL REQUIRED INSURANCE COVERAGE PRIOR TO COMMENCING WORK AND PROVIDE EVIDENCE OF SUCH TO OWNER.
- CONTRACTORS' ATTENTION IS CALLED TO CURRENT LOCAL, STATE, AND FEDERAL (OSHA) SAFETY REGULATIONS AND GUIDELINES. CONTRACTORS AND THEIR EMPLOYEES SHALL BE FAMILIAR WITH THESE REGULATIONS AND GUIDELINES AND SHALL STRICTLY ADHERE TO THEM.
- ALL WORK AS SET FORTH IN THE CONTRACT DOCUMENTS SHALL BE PERFORMED BY THE CONTRACTOR UNLESS SPECIFICALLY STATED OTHERWISE. ALL MATERIALS CALLED FOR IN THESE PLANS OR REFERENCED SPECIFICATIONS SHALL BE FURNISHED AS INCIDENTAL TO THE CONSTRUCTION OF THE VARIOUS IMPROVEMENTS.
- CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT BUSINESSES AND OFFICES AT ALL TIMES. CONTRACTOR SHALL SCHEDULE WORK, PREPARE DETOURS AND CONSTRUCT TEMPORARY BRIDGES OR RAMPS AS NECESSARY TO PROVIDE FOR ACCESS. THIS WORK SHALL BE INCIDENTAL TO THE OVERALL PROJECT WORK.
- THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, BERNS, CLANCY AND ASSOCIATES, PHONE (217-384-1144) FAX (217-384-3355), OR OWNER'S REPRESENTATIVE DANA BRENNER (217-384-3765) AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO STARTING OR RESTARTING ANY CONSTRUCTION.
- ALL CONSTRUCTION WORK PERFORMED OR EQUIPMENT AND MATERIALS SUPPLIED WILL BE SUBJECT TO OBSERVATION BY THE ENGINEER OR OWNER'S REPRESENTATIVE. WORK PERFORMED WITHOUT OBSERVATION BY THE ENGINEER OR OWNER'S REPRESENTATIVE MAY BE REJECTED. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER OR OWNER'S REPRESENTATIVE IN ADVANCE OF ALL CONSTRUCTION ACTIVITIES TO ASSURE COMPLIANCE WITH THIS PROVISION.
- IF THE ENGINEER PROVIDES HORIZONTAL CONTROL POINTS, OFFSET STAKES, OR GRADE STAKES FOR CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THOSE CONTROL POINTS, OFFSET AND GRADE STAKES, AND SHALL PAY FOR THE COST OF RESETTING THEM.
- THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH THE OWNER TO ACQUIRE ALL PERMITS AND CONTACT ALL AGENCIES INVOLVED FOR FINAL APPROVALS NEEDED BEFORE CONSTRUCTION WORK BEGINS.
- VARIOUS UNDERGROUND AND SURFACE STRUCTURES AND UTILITIES MAY OR MAY NOT BE SHOWN ON THE PLANS. THE LOCATION AND DIMENSIONS OF SUCH STRUCTURES AND UTILITIES WHERE GIVEN DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THE STRUCTURES AND UTILITIES ARE PLOTTED ON THE PLANS FOR INFORMATION OF THE CONTRACTOR, BUT INFORMATION SO GIVEN IS NOT TO BE CONSTRUED AS A REPRESENTATION THAT SUCH STRUCTURES AND UTILITIES WILL BE FOUND OR ENCOUNTERED AS PLOTTED. OTHER STRUCTURES AND UTILITIES MAY ALSO BE ENCOUNTERED WHICH ARE NOT SHOWN ON THE PLANS.
- BEFORE BEGINNING WORK THE CONTRACTOR SHALL CONTACT J.U.L.I.E. AND ANY COMPANIES MAINTAINING UTILITIES AND REQUEST THEIR ASSISTANCE IN FIELD LOCATING UTILITIES IN THAT AREA. THE CONTRACTOR, HOWEVER, SHALL BE SOLELY RESPONSIBLE FOR THE LOCATION OF UTILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE HIS ACTIVITIES WITH UTILITY COMPANIES TO "HOLD" UTILITY POLES AND PROTECT UTILITY COMPANY FACILITIES DURING THE CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL MAINTAIN IN OPERATING CONDITION ALL UTILITIES ENCOUNTERED IN THIS WORK.

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AND TO COORDINATE WITH THE APPROPRIATE UTILITY COMPANIES CONCERNING ANY MODIFICATIONS TO THEIR SYSTEMS NECESSARY TO PROPERLY ACCOMMODATE THE REQUIREMENTS OF THE PROPOSED IMPROVEMENTS.
- EXISTING UTILITIES MAY BE RELOCATED WITH THE APPROVAL OF THE OWNER OF THE UTILITY. THIS RELOCATION SHALL BE AT THE CONTRACTOR'S EXPENSE, DONE ACCORDING TO THE REQUIREMENTS OF THE UTILITY OWNER AND SHALL BE SUFFICIENT TO CLEAR THE PROPOSED IMPROVEMENT.
- THE CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR ALL INJURIES TO WATER PIPES, ELECTRIC CONDUITS, SANITARY SEWERS, EXISTING DRAINS OR SEWERS, GAS PIPES, POLES CARRYING CURRENT, AND TELEPHONE OR TELEGRAPH LINES DURING THE EXECUTION OF THE WORK, AND SHALL BE LIABLE FOR DAMAGES TO PUBLIC OR PRIVATE PROPERTY RESULTING THEREFROM WHICH AMOUNT MAY BE DEDUCTED FROM ANY MONIES DUE HIM FOR WORK DONE.
- ANY DAMAGE TO EXISTING UTILITIES AS A RESULT OF THIS CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER OF THE UTILITY AT THE CONTRACTOR'S EXPENSE, WHETHER OR NOT SAID UTILITIES ARE SHOWN ON THE DRAWINGS.
- EXISTING PAVEMENTS NOT SCHEDULED FOR DEMOLITION THAT ARE DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- ALL EXISTING FACILITIES AND IMPROVEMENTS NOT SCHEDULED FOR DEMOLITION IN THE WORK AREA MUST BE PRESERVED AND PROTECTED OR REMOVED, PROTECTED AND RESET BY THE CONTRACTOR, AT OR NEAR ITS ORIGINAL LOCATION. SUCH PROTECTION WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT WORK.
- ALL SURVEY MONUMENTS WITHIN CONSTRUCTION LIMITS SHALL BE PRESERVED AND PROTECTED, OR THEIR LOCATION SHALL BE OBSERVED BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR (IPLS), REMOVED, AND LATER RESET BY THE IPLS AT THE CONTRACTOR'S EXPENSE. SUCH WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- CARE SHALL BE TAKEN WHEN REMOVING CONCRETE OR OTHER STRUCTURES TO PRESERVE AND PROTECT IMPROVEMENTS NOT INDICATED TO BE REMOVED.
- ALL MAILBOXES AND PUBLIC IMPROVEMENTS SUCH AS STREET SIGNS, SIGN POLES, LIGHT POLES AND OTHER SIMILAR INCIDENTAL ITEMS ENCOUNTERED SHALL BE REMOVED AND RESET IN THEIR ORIGINAL LOCATION OR NEW LOCATION AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- EXISTING TREES WITHIN PROJECT LIMITS ARE TO BE SAVED, EXCEPT THOSE DESIGNATED FOR REMOVAL. THE ENGINEER OR OWNER'S REPRESENTATIVE SHALL DESIGNATE TREES FOR REMOVAL AT THE START OF TREE REMOVAL ACTIVITIES.
- THE NEED FOR REPLACEMENT AND REPAIR OF ANY FIELD TILE OR FIELD TILE OUTLETS ENCOUNTERED DURING CONSTRUCTION WILL BE DETERMINED BY THE ENGINEER OR OWNER'S REPRESENTATIVE. THE REPAIR AND REPLACEMENT OF FIELD TILE OR FIELD TILE OUTLETS NOT SHOWN ON THE PLANS SHALL BE CONSIDERED AS AN EXTRA.
- THE CONTRACTOR SHALL DISPOSE OF LANDSCAPE DEBRIS, CONCRETE, AND DEMOLITION DEBRIS SHALL BE DISPOSED OF OFF-SITE IN A LEGAL MANNER.
- THE CONTRACTOR SHALL REPAIR DRIVEWAYS AND STREET SURFACES ON THE SAME DAY THAT WORK IS PERFORMED UPON THE DRIVEWAY OR STREET. NO PRIVATE DRIVEWAY OR PUBLIC STREET SHALL BE OUT OF SERVICE FOR MORE THAN ONE 8 HOUR PERIOD UNLESS AUTHORIZED BY THE ENGINEER OR OWNER'S REPRESENTATIVE PRIOR TO THE START OF DRIVEWAY OR STREET IMPROVEMENTS.
- CONTRACTOR SHALL PROTECT ANY NEW CONCRETE SURFACES AGAINST VANDALISM AND SURFACE DEFECTS. ANY DAMAGED CONCRETE SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL BE REQUIRED TO BACKFILL TRENCHES AND CLEAN-UP THE CONSTRUCTION AREA. BACKFILLING SHALL BE ACCORDING TO THE DETAILS SHOWN ON THE PLANS.
- ALL GRADING SHALL BE DONE IN ACCORDANCE WITH SPOT ELEVATIONS, GRADES, AND FLOW ARROWS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
- FINISHED SURFACES SHOULD MATCH SURROUNDING GROUND, WITH ALLOWANCE FOR SETTLEMENT, OR AS OTHERWISE DIRECTED BY THE CONTRACT DOCUMENTS.

EXCAVATION NOTES

- EARTH EXCAVATION AND EMBANKMENT CONSTRUCTION (FILL FOR PAVEMENT CONSTRUCTION) SHALL BE PERFORMED IN ACCORDANCE WITH SECTIONS 202, 204, 205 AND 212 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", AS HEREIN AMENDED AND MODIFIED.
- NO SUBSURFACE SOIL INVESTIGATIONS HAVE BEEN PERFORMED. THE CONTRACTOR MUST FAMILIARIZE HIMSELF WITH THE SITE, MAKE HIS OWN INVESTIGATIONS AS HE DEEMS NECESSARY AND BE FULLY RESPONSIBLE FOR HIS INTERPRETATION OF AVAILABLE SOIL DATA, OR ITS EXTRAPOLATION TO OTHER LOCATIONS EITHER VERTICALLY OR HORIZONTALLY FROM THE LOCATION OF HIS OWN INVESTIGATIONS OR FROM THE LOCATION OF INDIVIDUAL SAMPLES.
- ORGANIC SOILS (TOPSOIL) FROM EXCAVATIONS AROUND THE SITE SHALL BE STRIPPED AND STOCKPILED DURING CONSTRUCTION AND SPREAD ON THE TOP OF DISTURBED AREAS. THE ENGINEER SHALL DETERMINE SOILS SUITABLE FOR USE AS TOPSOIL DURING CONSTRUCTION. FOR EMBANKMENT AREAS THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. SUBSOIL SHALL BE EXCAVATED AND STOCKPILED SEPARATELY. AFTER CONSTRUCTION, SUBSOIL SHALL FIRST BE PLACED IN TRENCHES AND COMPACTED. NEXT, TOPSOIL SHALL BE SPREAD OVER DISTURBED AREAS (A MINIMUM OF SIX (6) INCH THICKNESS) AT THE DIRECTION OF ENGINEER. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL EXCAVATE THE EXISTING MATERIAL ENCOUNTERED, SHALL FILL AND COMPACT MATERIAL AND SHALL GRADE IMPROVEMENTS CONTAINED IN THIS CONTRACT IN ACCORDANCE WITH LINES, GRADES, SPOT ELEVATIONS, FLOW ARROWS, PROFILES, AND CROSS SECTIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER OR THE OWNER'S REPRESENTATIVE IN THE FIELD.
- NO SPECIAL PROVISION WILL BE MADE FOR ROCK EXCAVATION. ANY BOULDERS ENCOUNTERED SHALL BE REMOVED AND DISPOSED OF OFF-SITE. THE TOP 5 FEET OF ALL TRENCHES SHALL NOT BE BACKFILLED WITH SOIL CONTAINING ROCKS THAT ARE LARGER THAN 3 INCHES IN DIAMETER.
- EXCESS EXCAVATED MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR AT AN APPROPRIATE LOCATION OFF-SITE.
- ALL LANDSCAPE AREAS SHALL BE GRADED TO DRAIN. FINISHED SURFACES SHOULD MATCH SURROUNDING GROUND WITH ALLOWANCE FOR SETTLEMENT, OR AS OTHERWISE DIRECTED BY THE CONTRACT DOCUMENTS.

DEMOLITION NOTES

- ALL DEMOLITION WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 201 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS, AND THE NOTES AND DETAILS IN THESE PLANS.
- THE CONTRACTOR SHALL BARRICADE THE WORK AREAS TO KEEP VEHICLES AND PEDESTRIANS RESTRICTED FROM CONSTRUCTION ACTIVITIES AT ALL TIMES.
- CARE SHALL BE TAKEN WHEN REMOVING CONCRETE OR OTHER STRUCTURES ADJACENT TO IMPROVEMENTS TO REMAIN TO PRESERVE AND PROTECT THOSE ADJACENT IMPROVEMENTS. CONTRACTOR SHALL REPAIR OR REMOVE AND REPLACE EXISTING ADJACENT IMPROVEMENTS THAT ARE DAMAGED AT HIS OWN EXPENSE, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- CLEARING ALONG THE ROUTE OF SIDEWALKS WILL BE REQUIRED SUFFICIENT ONLY TO ENABLE THE CONSTRUCTION OF THE PROPOSED IMPROVEMENTS AND SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 201 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- TREES, STUMPS, ROOTS, RUBBISH, TRASH, CONCRETE, PAVEMENT MATERIALS AND OTHER DEMOLITION DEBRIS SHALL BE DISPOSED OF OFF-SITE IN AN APPROPRIATE AND LAWFUL MANNER. ITEMS ENCOUNTERED WHICH REQUIRE REMOVAL SHALL BE REMOVED AND DISPOSED OF INCIDENTAL TO THE WORK AND NO SEPARATE OR ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- ITEMS ENCOUNTERED WHICH REQUIRE REMOVAL BE REMOVED AND DISPOSED OF INCIDENTAL TO THE WORK AND NO SEPARATE OR ADDITIONAL COMPENSATION SHALL BE ALLOWED.

SPECIFICATIONS

GENERAL SPECIFICATIONS FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", SEVENTH EDITION, DATED 2014 AS PUBLISHED BY THE ILLINOIS SOCIETY OF PROFESSIONAL ENGINEERS, UNLESS OTHERWISE NOTED ON THE PLANS.

AND

GENERAL SPECIFICATIONS FOR WORK OTHER THAN SANITARY SEWERS AND WATER MAINS SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS ADOPTED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, DATED APRIL 1, 2016 AND "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" AS ADOPTED BY THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION, DATED APRIL 1, 2016 UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE PROJECT DOCUMENTS.

PRELIMINARY
ITB# 2016-005

J.U.L.I.E.
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CHAMPAIGN COUNTY ADMINISTRATIVE SERVICES

CHAMPAIGN COUNTY FACILITIES ADA COMPLIANCE EXTERIOR ASPHALT AND CONCRETE WORK CHAMPAIGN COUNTY, ILLINOIS

PROJECT NOTES AND CONSTRUCTION NOTES

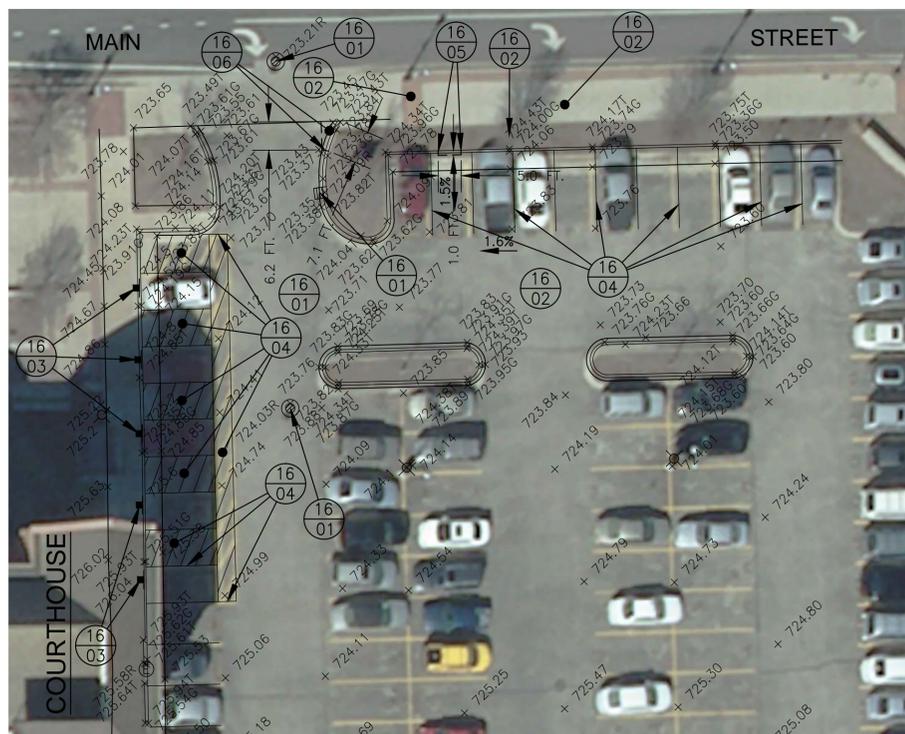
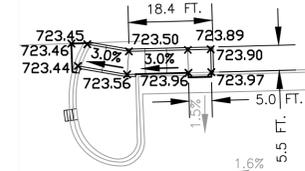
DATE: 062316
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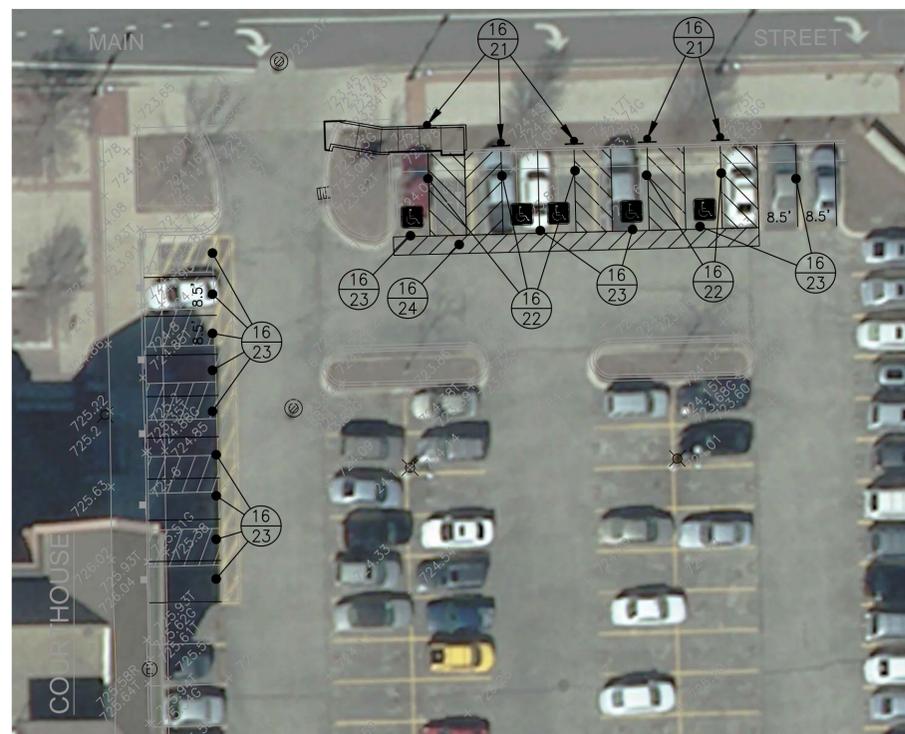
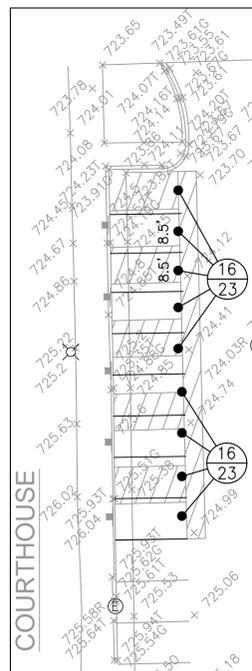
EXISTING CONDITIONS PLAN



PAVEMENT PLAN



DEMOLITION PLAN



STRIPING AND SIGNAGE PLAN

KEYED CONSTRUCTION NOTES

DEMOLITION PLAN:

- 16-01 CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION CONTROL AT EXISTING STORM INLETS AND DOWNGRADE OF DISTURBED GROUND DURING WORK ACTIVITIES. TRAFFIC CONTROL SHALL ALSO BE REQUIRED TO PREVENT PEDESTRIAN AND VEHICLE TRAFFIC DURING CONSTRUCTION ACTIVITIES. COORDINATE WORK WITH THE OWNER.
- 16-02 PRESERVE AND PROTECT EXISTING PAVEMENT, UTILITY OR APPURTENANCES TO REMAIN.
- 16-03 REMOVE EXISTING ACCESSIBLE PARKING SIGNS, POST AND OR BRACKETS AND PROVIDE TO THE OWNER.
- 16-04 REMOVE OR BLACKOUT EXISTING PARKING LOT STRIPING, INCLUDING PARKING LOT NUMBERS AND ACCESSIBLE SYMBOLS.
- 16-05 SAWCUT 1 FOOT WIDTH FROM BACK OF CURB AND REMOVE CURB AND PART OF GUTTER WITHIN LIMITS SHOWN (5 FOOT LONG) FOR NEW ACCESSIBLE RAMP.
- 16-06 SAWCUT AND REMOVE CURB AND GUTTER AND ASPHALT PAVEMENT WITHIN LIMITS SHOWN (7 FOOT±) TO ACCOMMODATE NEW ACCESSIBLE SIDEWALK RAMP.

PAVEMENT PLAN:

- 16-11 CONSTRUCT NEW 6 INCH THICKNESS PORTLAND CEMENT CONCRETE SIDEWALK WITH MONOLITHIC B-6 (AND VARIES) BARRIER CURB OVER 4 INCH THICKNESS CA-6 AGGREGATE BASE COURSE IN ACCORDANCE WITH ADA REQUIREMENTS AND IN ACCORDANCE WITH THE ELEVATIONS SHOWN. MAXIMUM CROSS SLOPE SHALL BE 1.5% WITH A MAXIMUM LONGITUDINAL SLOPE OF 4.5% OR AS SHOWN IN THE PLANS. MATCH SURFACE ELEVATIONS AT EXISTING SIDEWALKS TO REMAIN IN PLACE.
- 16-12 CONSTRUCT NEW 6 INCH THICKNESS PORTLAND CEMENT CONCRETE SIDEWALK LANDING WITH B-6 MONOLITHIC BARRIER CURB OVER 4 INCH THICKNESS CA-6 AGGREGATE BASE COURSE IN ACCORDANCE WITH ADA REQUIREMENTS AND IN ACCORDANCE WITH THE ELEVATIONS SHOWN. MAXIMUM SLOPE IN ANY DIRECTION SHALL BE 1.5% OR AS SHOWN IN THE PLANS AND IN ACCORDANCE WITH THE ELEVATIONS SHOWN.

- 16-13 CONSTRUCT ISOLATION JOINT AGAINST EXISTING CITY SIDEWALK. CONSTRUCT EXPANSION JOINT WHERE INDICATED UTILIZING NUMBER 6 SMOOTH DOWEL BARS 1.5 FEET LONG ON 30 INCH CENTERS. SEE EXPANSION JOINT DETAIL. ALL OTHER JOINTS SHALL BE CONTRACTION OR CONSTRUCTION JOINTS CONSTRUCTED IN ACCORDANCE WITH THE JOINT DETAILS AND NOTES.

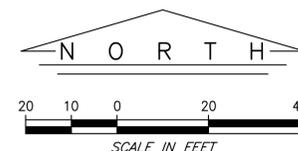
- 16-14 GRADE DISTURBED AREAS TO DRAIN WITH ALLOWANCE FOR SETTLEMENT. AND MULCH (6 INCH THICKNESS) AND LANDSCAPE TO MATCH EXISTING AND IN ACCORDANCE WITH TOPSOIL, SEEDING FERTILIZING AND MULCHING NOTES.

STRIPING AND SIGNAGE PLAN:

- 16-21 NEW ACCESSIBLE PARKING SIGN, "\$250 FINE" SIGN AND "VAN ACCESSIBLE" SIGN (1 TOTAL) ON NEW POST IN ACCORDANCE WITH THE DETAILS AND ADA REQUIREMENTS (5 TOTAL). "VAN ACCESSIBLE" SIGN SHALL BE ON THE WESTERN ACCESSIBLE SPACE.
- 16-22 NEW ACCESSIBLE PARKING SPACE STRIPING AS SHOWN AND IN ACCORDANCE WITH THE ACCESSIBLE PARKING SPACE DETAIL UTILIZING YELLOW TRAFFIC MARKING PAINT. (5 TOTAL).
- 16-23 NEW PARKING SPACE STRIPING AS SHOWN AND IN ACCORDANCE WITH THE PARKING SPACE STRIPING DETAILS UTILIZING YELLOW TRAFFIC MARKING PAINT. PROVIDE 9 FOOT WIDE REGULAR SPACES EXCEPT AS SHOWN. BLACKOUT OR REMOVE ALL EXISTING STRIPING UNUSED IN NEW PARKING LAYOUT. PROVIDE NEW PARKING LOT NUMBERS IN ACCORDANCE WITH THE OWNER'S DIRECTION AND TO MATCH EXISTING PARKING SPACE NUMBERS (18 TOTAL).
- 16-24 NEW 4 FOOT WIDTH WALKWAY STRIPING WITH 2 FOOT ON CENTER STRIPING AT 45 DEGREES UTILIZING YELLOW TRAFFIC MARKING PAINT.

NEW ITEMS LEGEND

- x 734.97 NEW SIDEWALK ELEVATION
- x 734.97 NEW PAVEMENT ELEVATION
- NEW PAVEMENT SAWCUT
- 16-01 KEYED CONSTRUCTION NOTE
- 0.9% MAXIMUM SLOPE BETWEEN NEW ELEVATIONS



AERIAL PHOTOGRAPHY FROM
CHAMPAIGN COUNTY
ORTHOGRAPHY
DATED APRIL 2014

PRELIMINARY
ITB# 2016-005

J. U. L. I. E.
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FILE:	7168-25PLAN.DWG	

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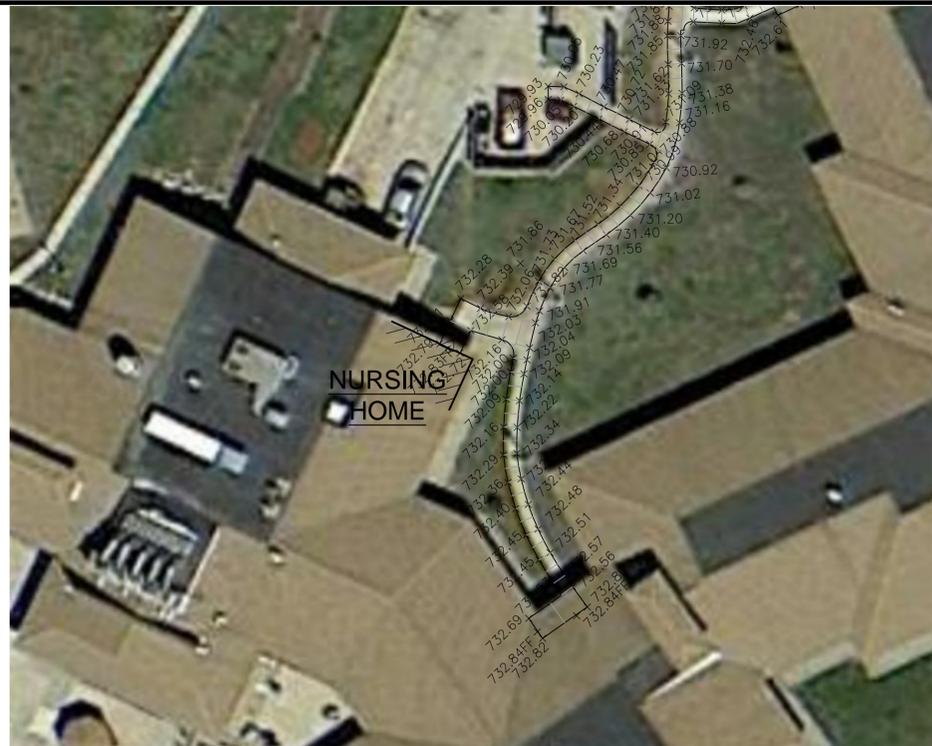
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CHAMPAIGN COUNTY FACILITIES
ADA COMPLIANCE EXTERIOR
ASPHALT AND CONCRETE WORK
CHAMPAIGN COUNTY, ILLINOIS

COURTHOUSE FACILITY
PLAN SHEET

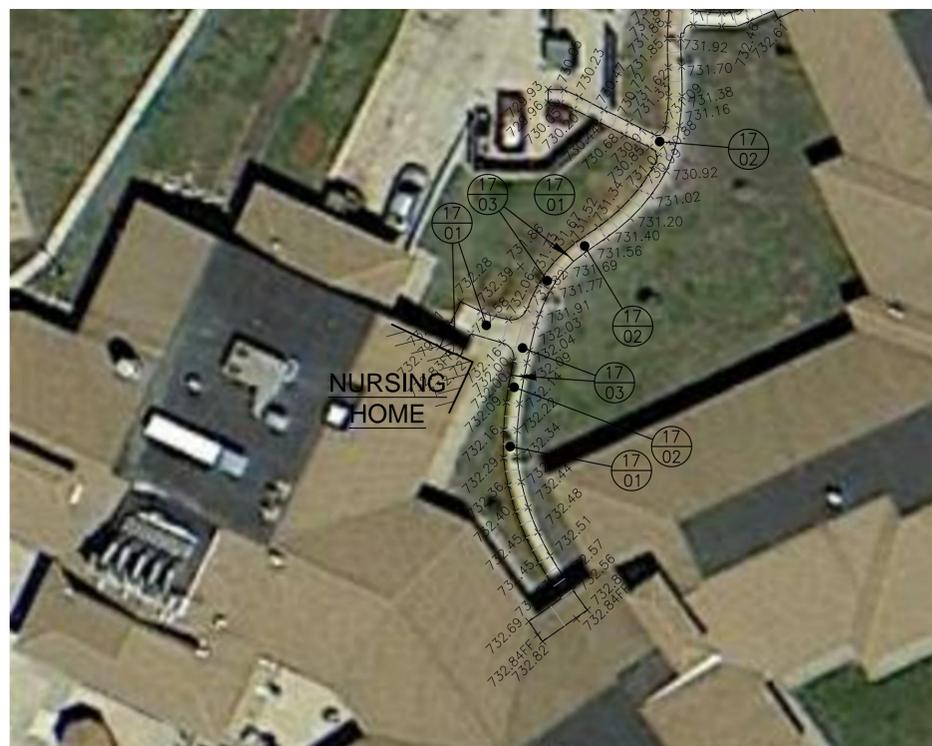
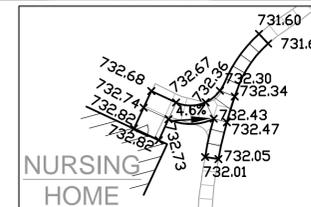
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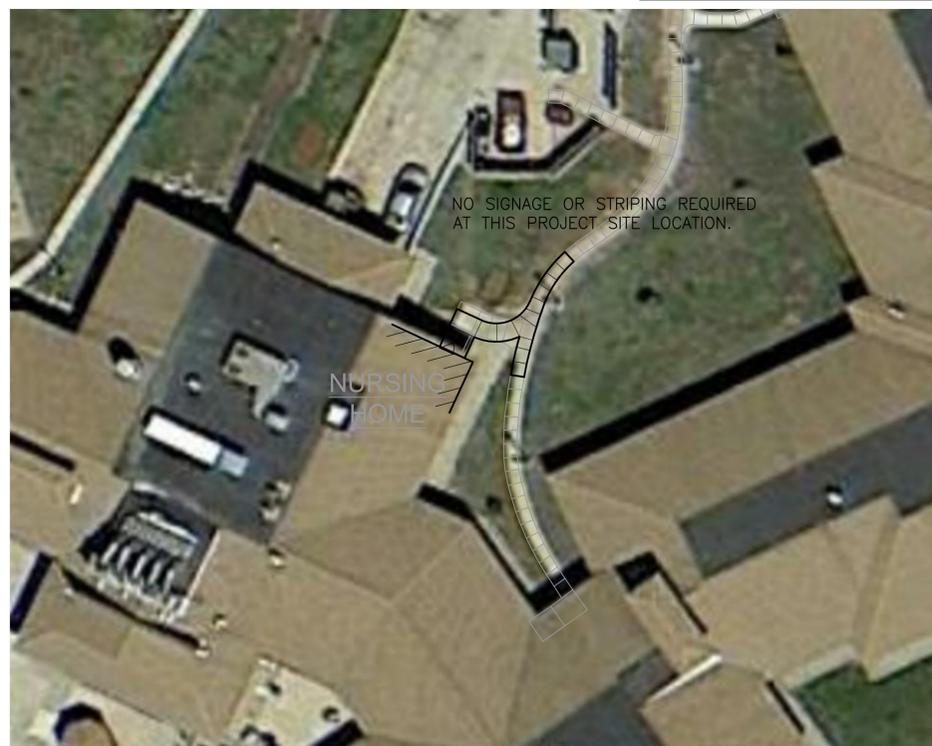
EXISTING CONDITIONS PLAN



PAVEMENT PLAN



DEMOLITION PLAN



STRIPING AND SIGNAGE PLAN

KEYED CONSTRUCTION NOTES

DEMOLITION PLAN:

- (17/01) CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION CONTROL AT EXISTING STORM INLETS AND DOWNGRADE OF DISTURBED GROUND DURING WORK ACTIVITIES. TRAFFIC CONTROL SHALL ALSO BE REQUIRED TO PREVENT PEDESTRIAN AND VEHICLE TRAFFIC DURING CONSTRUCTION ACTIVITIES. COORDINATE WORK WITH THE OWNER.
- (17/02) PRESERVE AND PROTECT EXISTING PAVEMENT, UTILITY OR APPURTENANCES TO REMAIN.
- (17/03) SAWCUT SIDEWALK FULL DEPTH AT EXISTING JOINT AND REMOVE CONCRETE SIDEWALK PANELS AS SHOWN.

PAVEMENT PLAN:

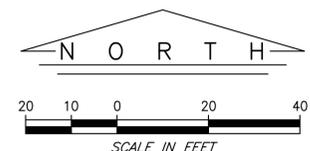
- (17/11) CONSTRUCT NEW 6 INCH THICKNESS PORTLAND CEMENT CONCRETE SIDEWALK OVER 4 INCH THICKNESS CA-6 AGGREGATE BASE COURSE IN ACCORDANCE WITH ADA REQUIREMENTS AND IN ACCORDANCE WITH THE ELEVATIONS SHOWN. MAXIMUM CROSS SLOPE SHALL BE 1.5% WITH A MAXIMUM LONGITUDINAL SLOPE OF 4.6% AS SHOWN IN THE PLANS. MATCH SURFACE ELEVATIONS AT EXISTING SIDEWALKS TO REMAIN IN PLACE.
- (17/12) CONSTRUCT NEW 6 INCH THICKNESS PORTLAND CEMENT CONCRETE SIDEWALK LANDING OVER 4 INCH THICKNESS CA-6 AGGREGATE BASE COURSE IN ACCORDANCE WITH ADA REQUIREMENTS AND IN ACCORDANCE WITH THE ELEVATIONS SHOWN. MAXIMUM SLOPE IN ANY DIRECTION SHALL BE 1.5% OR AS SHOWN BY THE ELEVATIONS.
- (17/13) CONSTRUCT DOWELED EXPANSION JOINT ALONG EXISTING BUILDING IN ACCORDANCE WITH THE EXPANSION JOINT DETAIL.
- (17/14) CONSTRUCT NEW 6 INCH THICKNESS PORTLAND CEMENT CONCRETE SIDEWALK PAVEMENT OVER 4 INCH THICKNESS CA-6 AGGREGATE BASE COURSE. WARP PAVEMENT SURFACE TO MATCH EXISTING SIDEWALK TO REMAIN AND NEW ADA SIDEWALK PAVEMENTS.
- (17/15) GRADE DISTURBED AREAS TO DRAIN WITH ALLOWANCE FOR SETTLEMENT. PROVIDE FOR A MINIMUM 6 INCHES TOPSOIL FOR TURF AREAS. FINE GRADE, FERTILIZE, SEED AND MULCH IN ACCORDANCE WITH TOPSOIL, SEEDING FERTILIZING AND MULCHING NOTES.
- (17/16) REMOVE EXISTING AGGREGATE/SOIL MIXTURE AND REGRADE AREA TO DRAIN NORTHWESTERLY WITH ALLOWANCE FOR SETTLEMENT. PROVIDE FOR A MINIMUM 6 INCHES TOPSOIL. FINE GRADE, FERTILIZE, SEED AND MULCH IN ACCORDANCE WITH TOPSOIL, SEEDING FERTILIZING AND MULCHING NOTES.

STRIPING AND SIGNAGE PLAN:

- (17/21) NO SIGNAGE OR STRIPING WORK REQUIRED AT THIS SITE LOCATION.

NEW ITEMS LEGEND

- x 734.97 NEW SIDEWALK ELEVATION
- x 734.97 NEW PAVEMENT ELEVATION
- - - NEW PAVEMENT SAWCUT
- (17/01) KEYED CONSTRUCTION NOTE
- 0.9% MAXIMUM SLOPE BETWEEN NEW ELEVATIONS



AERIAL PHOTOGRAPHY FROM
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CHECKED:	CB/ELC/TBB	
FILE:	7168-25PLAN.DWG	

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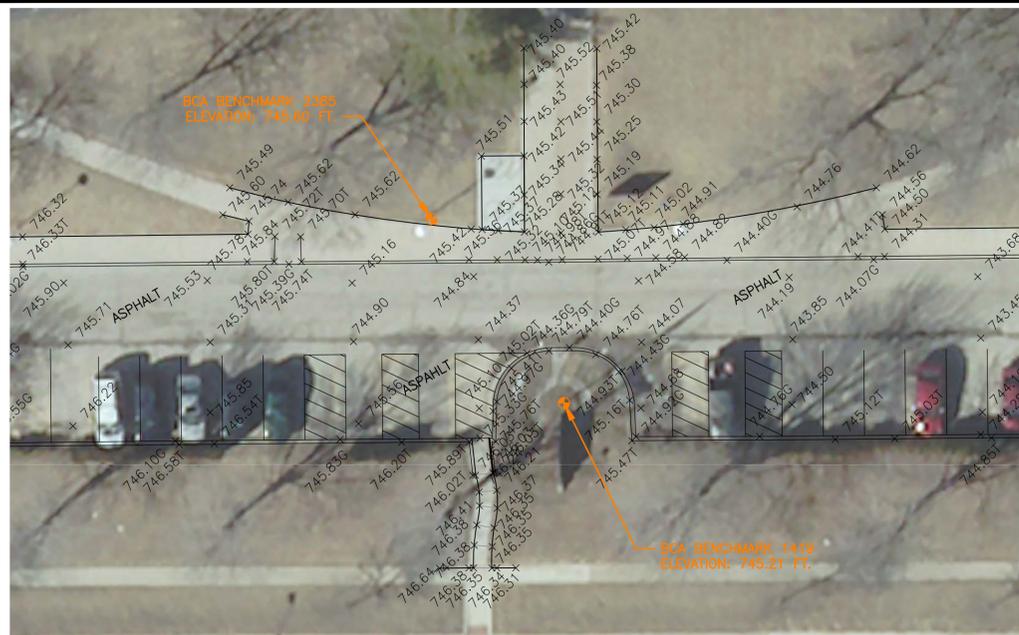
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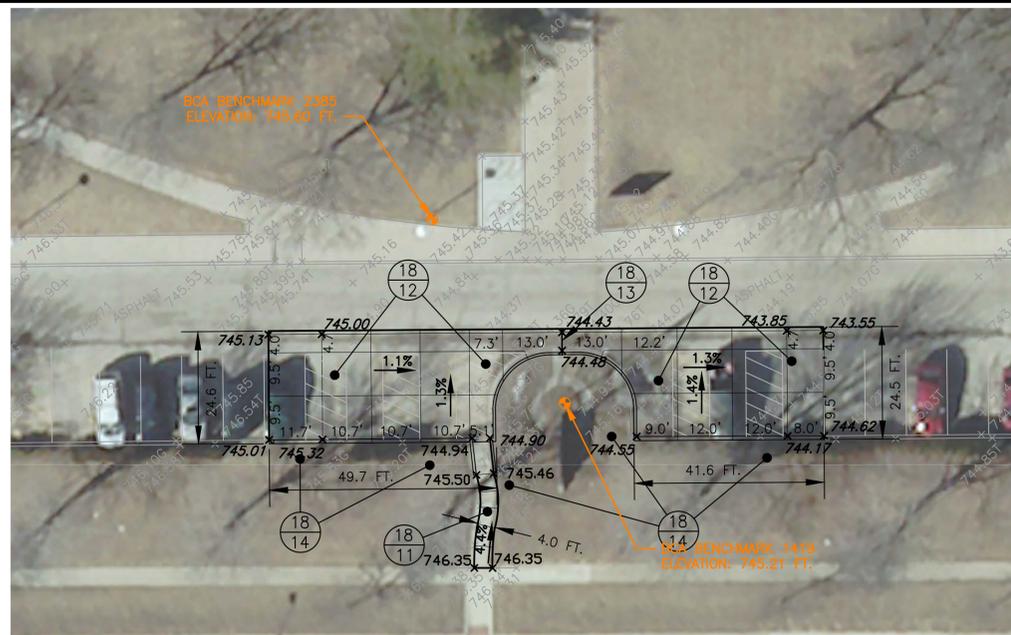
CHAMPAIGN COUNTY FACILITIES
ADA COMPLIANCE EXTERIOR
ASPHALT AND CONCRETE WORK
CHAMPAIGN COUNTY, ILLINOIS

**NURSING HOME FACILITY
PLAN SHEET**

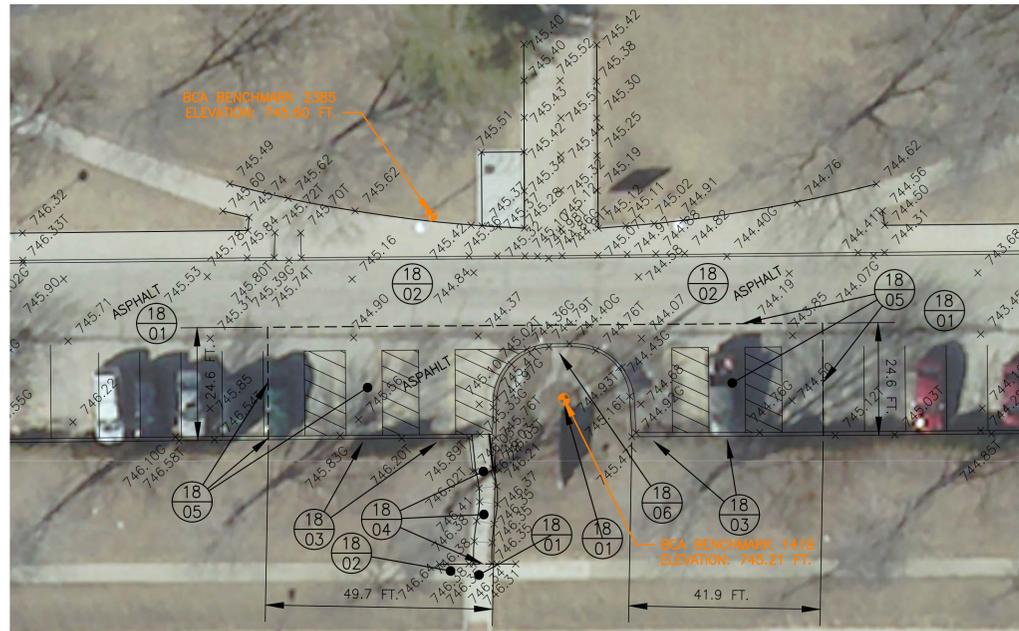
DATE:	062316
SHEET:	5 OF 16
JOB:	7168-25



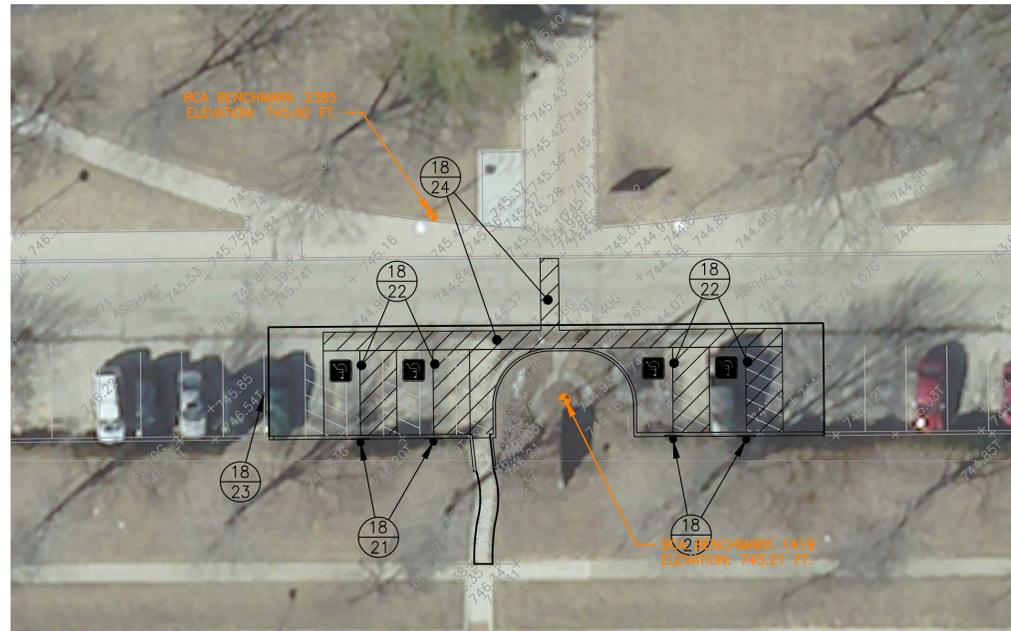
EXISTING CONDITIONS PLAN



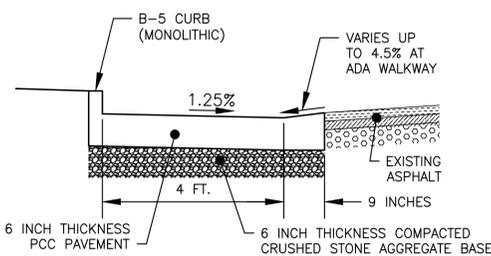
PAVEMENT PLAN



DEMOLITION PLAN



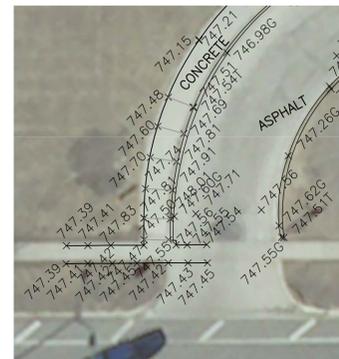
STRIPING AND SIGNAGE PLAN



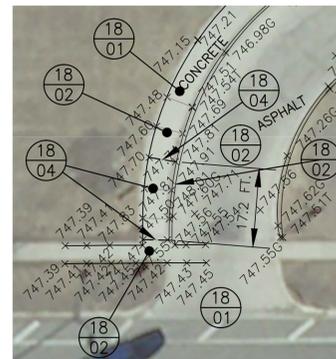
CROSS-SECTION DETAIL

(ACROSS FROM ADA RAMP)
NO SCALE

WESTERN
ENTRANCE
CIRCLE DRIVE



EXISTING CONDITIONS PLAN



DEMOLITION PLAN



PAVEMENT PLAN

KEYED CONSTRUCTION NOTES

DEMOLITION PLAN:

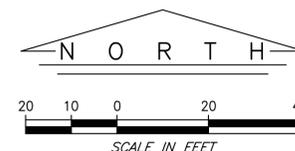
- (18 01) CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION CONTROL AT EXISTING STORM INLETS AND DOWNGRADE OF DISTURBED GROUND DURING WORK ACTIVITIES. TRAFFIC CONTROL SHALL ALSO BE REQUIRED TO PREVENT PEDESTRIAN AND VEHICLE TRAFFIC DURING CONSTRUCTION ACTIVITIES. COORDINATE WORK WITH THE OWNER.
- (18 02) PRESERVE AND PROTECT EXISTING PAVEMENT, UTILITY OR APPURTENANCES TO REMAIN.
- (18 03) REMOVE EXISTING ACCESSIBLE PARKING SIGNS, POSTS AND OR BRACKETS AND PROVIDE TO THE OWNER.
- (18 04) SAWCUT SIDEWALK FULL DEPTH AT EXISTING JOINT AND REMOVE CONCRETE SIDEWALK PANELS AS SHOWN.
- (18 05) SAWCUT ASPHALT SURFACE FULL DEPTH AND ADJOINING CURB AT LIMITS OF NEW CONCRETE PAVEMENT AS SHOWN. REMOVE ALL CURB AND GUTTER WITHIN LIMITS OF NEW PAVEMENT. REMOVE EXISTING BASE MATERIALS REQUIRED TO CONSTRUCT NEW PORTLAND CEMENT CONCRETE PAVEMENT.
- (18 06) REMOVE AND RESET DROP BOX AND ASSOCIATED BOLLARDS IN CURRENT CONFIGURATION WITH RELATION TO NEW CURB. COORDINATE WITH OWNER.

PAVEMENT PLAN:

- (18 11) CONSTRUCT NEW 6 INCH THICKNESS PORTLAND CEMENT CONCRETE SIDEWALK OVER 4 INCH THICKNESS CA-6 AGGREGATE BASE COURSE IN ACCORDANCE WITH ADA REQUIREMENTS AND IN ACCORDANCE WITH THE ELEVATIONS SHOWN. MAXIMUM CROSS SLOPE SHALL BE 1.5% WITH A MAXIMUM LONGITUDINAL SLOPE OF 4.5% OR AS SHOWN IN THE PLANS. MATCH SURFACE ELEVATIONS AT EXISTING SIDEWALKS TO REMAIN IN PLACE.
 - (18 12) CONSTRUCT NEW 6 INCH THICKNESS PORTLAND CEMENT CONCRETE PAVEMENT WITH B-5 MONOLITHIC BARRIER CURB OVER 6 INCH THICKNESS CA-6 AGGREGATE BASE COURSE IN ACCORDANCE WITH ADA REQUIREMENTS AND IN ACCORDANCE WITH THE ELEVATIONS SHOWN. TRANSITION B-5 MONOLITHIC BARRIER CURB TO MATCH EXISTING CURB HEIGHT AND PROFILE IN 1.5 FEET AT EAST AND WEST ENDS. MAXIMUM PAVEMENT SLOPE IN ANY DIRECTION SHALL BE 1.5% OR AS SHOWN IN THE PLANS AND IN ACCORDANCE WITH THE ELEVATIONS SHOWN. NORTHERN 9 INCHES SHALL VARY IN SLOPE TO MATCH EXISTING ASPHALT TO REMAIN EXCEPT FOR AREA ADJACENT AND ACROSS FROM ADA RAMP. SEE STRIPING AND SIGNAGE PLAN FOR ADA ROUTE LOCATION ACROSS DRIVEWAY. SEE CROSS-SECTION DETAIL BELOW.
 - (18 13) CONSTRUCT EXPANSION JOINTS WHERE INDICATED UTILIZING NUMBER 6 SMOOTH DOWEL BARS 1.5 FEET LONG ON 30 INCH CENTERS. SEE EXPANSION JOINT DETAIL. ALL OTHER JOINTS SHALL BE CONTRACTION OR CONSTRUCTION JOINTS CONSTRUCTED IN ACCORDANCE WITH THE JOINT DETAILS AND NOTES.
 - (18 14) GRADE DISTURBED AREAS TO DRAIN WITH ALLOWANCE FOR SETTLEMENT. FINE GRADE, FERTILIZE, SEED AND MULCH IN ACCORDANCE WITH TOPSOIL, SEEDING FERTILIZING AND MULCHING NOTES.
- STRIPING AND SIGNAGE PLAN:
- (18 21) NEW ACCESSIBLE PARKING SIGN, "\$250 FINE" SIGN AND "VAN ACCESSIBLE" SIGN (1 TOTAL) ON NEW POST IN ACCORDANCE WITH THE DETAILS AND ADA REQUIREMENTS (4 TOTAL). "VAN ACCESSIBLE" SIGN SHALL BE ON THE EASTERN ACCESSIBLE SPACE IN WESTERN SECTION.
 - (18 22) NEW ACCESSIBLE PARKING SPACE STRIPING AS SHOWN AND IN ACCORDANCE WITH THE ACCESSIBLE PARKING SPACE DETAIL UTILIZING YELLOW TRAFFIC MARKING PAINT. (4 TOTAL).
 - (18 23) NEW PARKING SPACE STRIPING AS NEEDED AND IN ACCORDANCE WITH THE PARKING SPACE STRIPING DETAILS UTILIZING YELLOW TRAFFIC MARKING PAINT. PROVIDE 9 FOOT WIDE REGULAR SPACES WITH EXCESS SPACE ADDED TO WEST AND EAST END SPACES AS NEEDED. BLACKOUT OR REMOVE ALL EXISTING STRIPING UNUSED IN NEW PARKING LAYOUT.
 - (18 24) NEW 4 FOOT WIDTH WALKWAY STRIPING WITH 2 FOOT ON CENTER STRIPING AT 45 DEGREES UTILIZING YELLOW TRAFFIC MARKING PAINT.

NEW ITEMS LEGEND

- x 734.97 NEW SIDEWALK ELEVATION
- x 734.97 NEW PAVEMENT ELEVATION
- NEW PAVEMENT SAWCUT
- (18 01) KEYED CONSTRUCTION NOTE
- 0.9% MAXIMUM SLOPE BETWEEN NEW ELEVATIONS



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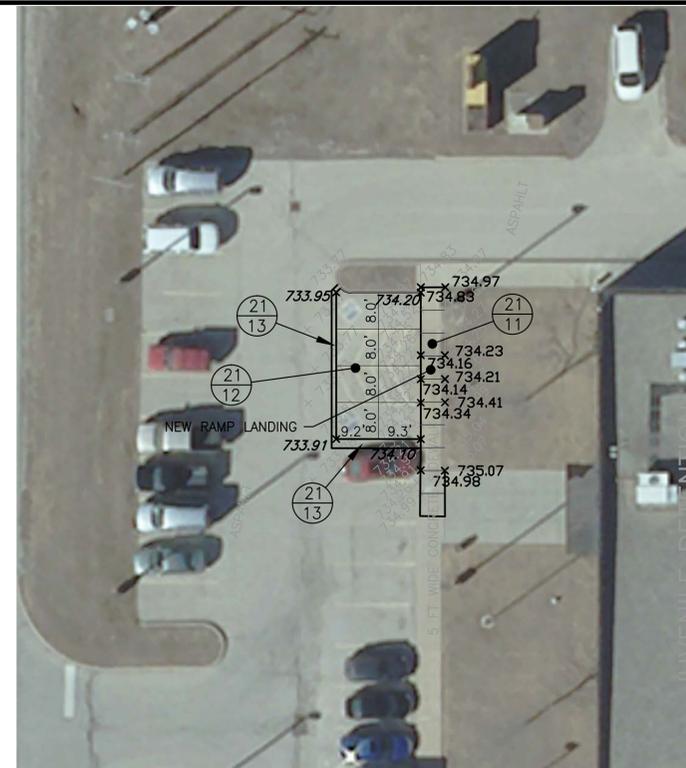
CHAMPAIGN COUNTY FACILITIES
ADA COMPLIANCE EXTERIOR
ASPHALT AND CONCRETE WORK
CHAMPAIGN COUNTY, ILLINOIS

BROOKENS FACILITY
PLAN SHEET

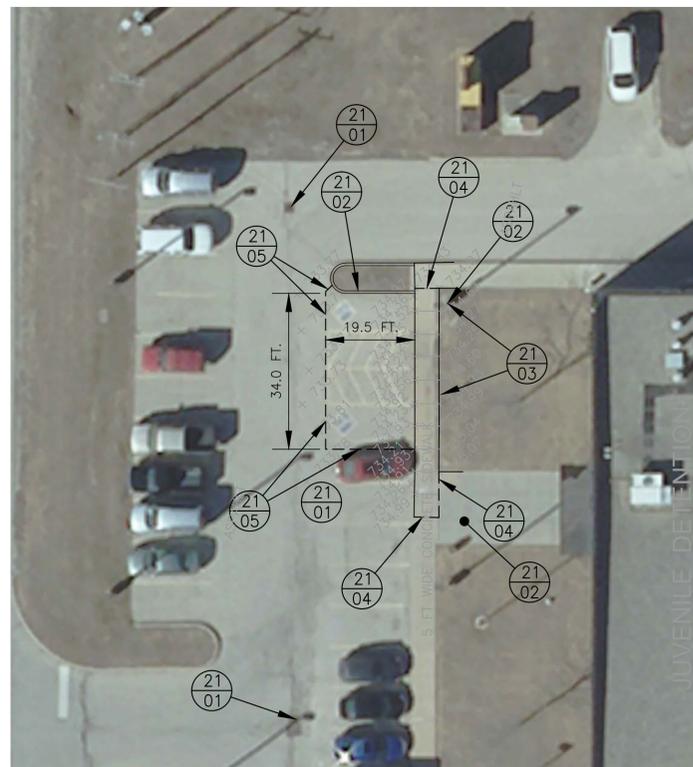
DATE: 062316
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JOB: 7168-25



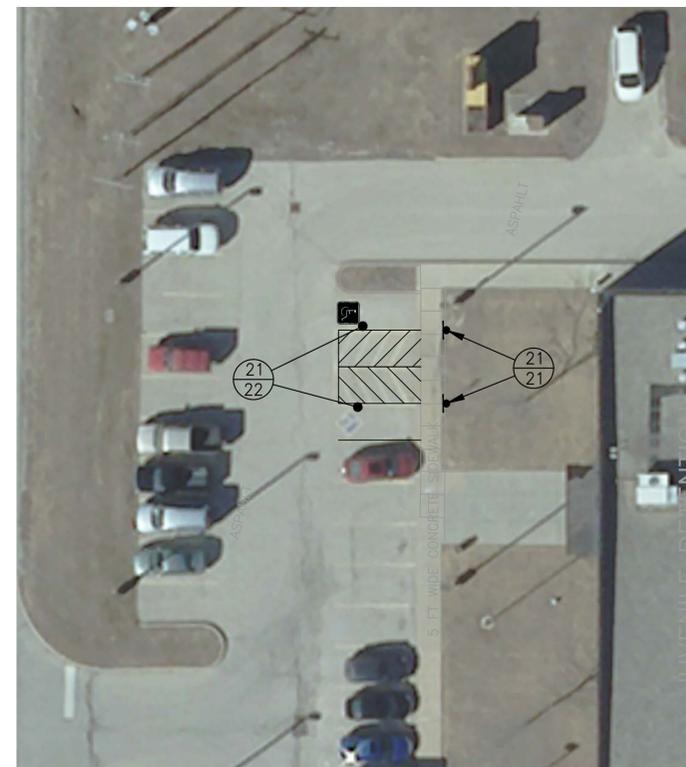
EXISTING CONDITIONS PLAN



PAVEMENT PLAN



DEMOLITION PLAN



STRIPING AND SIGNAGE PLAN

KEYED CONSTRUCTION NOTES

DEMOLITION PLAN:

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- (21 04) SAWCUT SIDEWALK FULL DEPTH AT EXISTING JOINT AND REMOVE CONCRETE SIDEWALK PANELS AS SHOWN.
- (21 05) SAWCUT ASPHALT SURFACE FULL DEPTH AT LIMITS OF NEW CONCRETE PAVEMENT AS SHOWN. REMOVE EXISTING BASE MATERIALS REQUIRED TO CONSTRUCT NEW PORTLAND CEMENT CONCRETE PAVEMENT.

PAVEMENT PLAN:

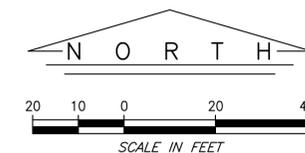
- (21 11) CONSTRUCT NEW 6 INCH THICKNESS PORTLAND CEMENT CONCRETE SIDEWALK OVER 4 INCH THICKNESS CA-6 AGGREGATE BASE COURSE IN ACCORDANCE WITH ADA REQUIREMENTS AND IN ACCORDANCE WITH THE ELEVATIONS SHOWN. THICKEN SIDEWALK PAVEMENT TO 8 INCHES BELOW ADJACENT PARKING PAVEMENT SURFACE. MAXIMUM CROSS SLOPE SHALL BE 1.5% WITH A MAXIMUM LONGITUDINAL SLOPE OF 4.5% EXCEPT THAT THE RAMP LANDING SHALL HAVE NO SLOPE GREATER THAN 1.5% IN ANY DIRECTION. MATCH SURFACE ELEVATIONS AT EXISTING SIDEWALKS TO REMAIN IN PLACE.
- (21 12) CONSTRUCT NEW 18.5 FOOT BY 32 FOOT BY 6 INCH THICKNESS PORTLAND CEMENT CONCRETE PAVEMENT OVER 8 INCH THICKNESS CA-6 AGGREGATE BASE COURSE IN ACCORDANCE WITH ADA REQUIREMENTS AND IN ACCORDANCE WITH THE ELEVATIONS SHOWN. MAXIMUM SLOPE IN ANY DIRECTION SHALL BE 1.5% AND IN ACCORDANCE WITH THE ELEVATIONS SHOWN.
- (21 13) CONSTRUCT NEW TRANSITION PAVEMENT (EITHER 6 INCH THICKNESS PORTLAND CEMENT CONCRETE OR AGGREGATE BASE WITH 4 INCHES HOT MIX ASPHALT SURFACE COURSE IN 2 LIFTS.) BETWEEN EXISTING ASPHALT PAVEMENT TO REMAIN AND 18.5 FOOT BY 32 FOOT ADA PARKING PAVEMENT. SAWCUT EXISTING PAVEMENT TO REMAIN AS REQUIRED TO PROVIDE STRAIGHT RAVEL FREE JOINT.

STRIPING AND SIGNAGE PLAN:

- (21 21) NEW ACCESSIBLE PARKING SIGN, "\$250 FINE" SIGN AND "VAN ACCESSIBLE" SIGN (1 TOTAL) ON NEW POST IN ACCORDANCE WITH THE DETAILS AND ADA REQUIREMENTS (2 TOTAL). "VAN ACCESSIBLE" SIGN SHALL BE ON THE NORTHERN ACCESSIBLE SPACE.
- (21 22) NEW ACCESSIBLE PARKING SPACE STRIPING AS SHOWN AND IN ACCORDANCE WITH THE ACCESSIBLE PARKING SPACE DETAIL UTILIZING YELLOW TRAFFIC MARKING PAINT. (2 TOTAL).

NEW ITEMS LEGEND

- x 734.97 NEW SIDEWALK ELEVATION
- x 734.97 NEW PAVEMENT ELEVATION
- NEW PAVEMENT SAWCUT
- (21) KEYED CONSTRUCTION NOTE



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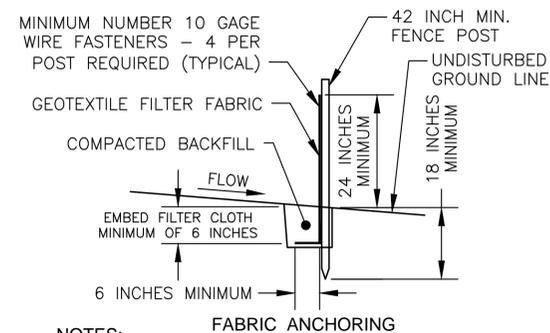
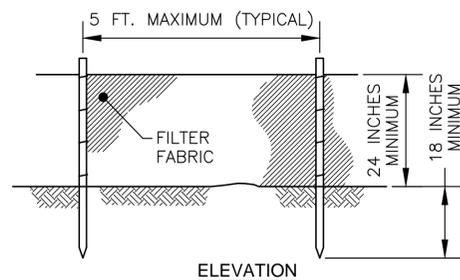
CHAMPAIGN COUNTY FACILITIES
ADA COMPLIANCE EXTERIOR
ASPHALT AND CONCRETE WORK
CHAMPAIGN COUNTY, ILLINOIS

JUVENILE DETENTION FACILITY PLAN SHEET

DATE:	062316
SHEET:	9 OF 16
JOB:	7168-25

EROSION CONTROL NOTES

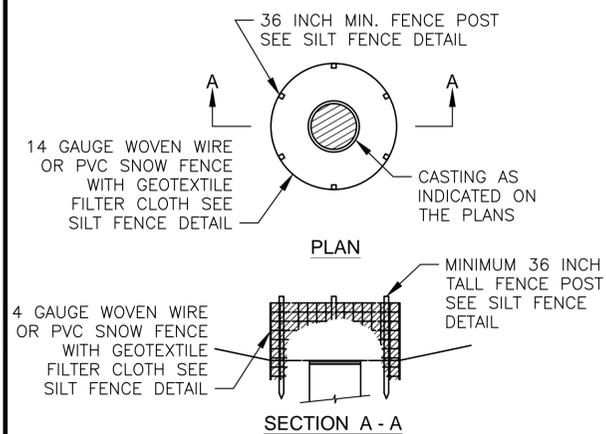
TREE PROTECTION NOTES



NOTES:

- TEMPORARY SEDIMENT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY 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 STANDARD STEEL POST OR WOOD POST WITH A MINIMUM CROSS-SECTIONAL AREA OF 3.0 SQUARE INCHES.

PERIMETER BARRIER SILT FENCE NO SCALE



EROSION CONTROL AROUND INLET NO SCALE

- ALL LANDSCAPING WORK SHALL COMPLY WITH SECTION 250 AND EROSION CONTROL WORK SHALL COMPLY WITH SECTION 280 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS, AND THE NOTES AND DETAILS CONTAINED IN THESE PLANS.
- CONTRACTOR SHALL STRICTLY ADHERE TO ALL PERMIT REQUIREMENTS AND SHALL ASSUME ALL RESPONSIBILITY FOR MAINTAINING TEMPORARY EROSION CONTROL MEASURES AT ALL TIMES.
- ALL WORK AS SET FORTH IN THE CONTRACT DOCUMENTS SHALL BE PERFORMED BY THE CONTRACTOR UNLESS SPECIFICALLY STATED OTHERWISE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR TEMPORARY EROSION CONTROL PLANS FOR CONSTRUCTION ACTIVITIES ON SITE IN ADDITION TO AN "OFF-SITE TRACKING CONTROL PLAN" TO THE ENGINEER OR OWNER'S REPRESENTATIVE FOR APPROVAL, AT LEAST SEVEN (7) BUSINESS DAYS PRIOR TO ANY EXCAVATION ON THE SITE. THE PLAN SHALL INCLUDE PERTINENT MANUFACTURER'S DATA AND DETAILS AND TEST DATA TO DESCRIBE THE MEANS AND METHODS THAT THE CONTRACTOR PLANS TO USE TO CONTROL TRACKING AND EROSION FROM THE SITE. ACTUAL CONFIGURATION AND LOCATION OF TEMPORARY EROSION CONTROL SYSTEMS SHALL BE AS SHOWN ON THE PLANS, APPROVED TRACKING CONTROL PLAN, APPROVED EROSION CONTROL PLAN, AND AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
- TEMPORARY EROSION CONTROL MEASURES AS INDICATED IN THE PLANS, APPROVED "TRACKING CONTROL PLAN" OR APPROVED "EROSION CONTROL PLAN" SHALL BE INSTALLED ON THE FIRST DAY OF CONSTRUCTION ACTIVITIES. TRIANGULAR SILT DIKES, SILT FENCES AND OTHER EROSION CONTROL MEASURES SHALL BE INSTALLED TO HELP PREVENT SOIL FROM BEING WASHED OFF SITE OR INTO STORM SEWER OR SANITARY SEWER STRUCTURES. THESE FENCES WILL BE TEMPORARILY REMOVED WHILE THE SHAPING WORK IS BEING DONE AND THEY SHALL THEN BE RESET AND LEFT IN PLACE UNTIL THE SEEDING AND FERTILIZING WORK IS DONE AND A GOOD STAND OF GRASS HAS DEVELOPED. THE CONTRACTOR SHALL INSTALL SEDIMENT COLLECTION BAGS IN STORM SEWER INLETS OR MANHOLES ADJACENT TO INGRESS AND EGRESS POINTS AND AS MAY BE REQUIRED BY THE ENGINEER OR OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL MAINTAIN THESE MEASURES IN AN EFFECTIVE CONDITION AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE TO PREVENT SEDIMENT FROM LEAVING THE SITE OR ENTERING ANY STORM SEWER OR SANITARY SEWER STRUCTURES.
- WHERE DISCONNECTED SILT FENCES ARE USED, OVERLAP THE SILT FENCES TO COVER THE JOINTS.
- CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FROM THE SITE ONTO PUBLIC RIGHTS-OF-WAY BY CONSTRUCTING A STABILIZED CONSTRUCTION ENTRANCE AS SHOWN IN THE DETAILS OR APPROVED TRACKING CONTROL PLAN. THE CONTRACTOR SHALL ALSO BE REQUIRED TO WASH THE WHEELS AND UNDERSIDE OF VEHICLES ENTERING RIGHTS-OF-WAY TO REMOVE SEDIMENT AND OTHER SOILS FROM THE VEHICLES. SOILS TRACKED OFF SITE SHALL IMMEDIATELY BE RECOVERED.
- ALL DISTURBED EARTH SURFACES THAT WILL HAVE BARE SOIL FOR LONGER THAN 45 DAYS SHALL BE TEMPORARILY SEEDED. TEMPORARY SEEDING SHALL BE CLASS 7 PER SECTION 250 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". SEED SHALL BE PLACED AT A RATE OF NOT LESS THAN 200 POUNDS PER ACRE. THIS WORK SHALL BE INCIDENTAL TO EROSION CONTROL AND WILL NOT BE PAID FOR SEPARATELY.
- FILTER BARRIERS SHALL BE INSPECTED AT LEAST WEEKLY AND IMMEDIATELY AFTER EACH RAINFALL EVENT AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-THIRD ($\frac{1}{3}$) THE HEIGHT OF THE BARRIER.
- DURING EXCAVATION THE CONTRACTOR SHALL BE CAREFUL TO SEGREGATE AND SAVE AS MUCH TOPSOIL AS POSSIBLE FOR PLACEMENT ON TOP OF BACKFILL IN ORDER TO PROVIDE GOOD MATERIAL FOR SEEDING AND FERTILIZING. THE ENGINEER OR OWNER'S REPRESENTATIVE SHALL DETERMINE SOILS SUITABLE FOR USE AS TOPSOIL. NOT LESS THAN SIX (6) INCHES OF TOPSOIL SHALL BE REPLACED UPON TRENCH AREAS AND EXCAVATED AREAS.
- DISPOSE OF ALL EXCESS EXCAVATED MATERIALS OFF-SITE OR ON SITE AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
- THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE ENGINEER TO CONTROL SILTATION AT ALL TIMES DURING THE LIFE OF THE CONTRACT.
- SHOULD THE GEOTEXTILE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY AT NO ADDITIONAL COST TO THE OWNER.
- SHOULD THE CONTRACTOR FAIL TO MAINTAIN EROSION CONTROL MEASURES IN AN EFFECTIVE CONDITION, ALLOW TRACKING OR EROSION ONTO PUBLIC RIGHTS-OF-WAY OR TO AREAS OUTSIDE OF CONSTRUCTION LIMITS, AND FAIL TO CLEAN UP, THE MUNICIPALITY, AGENCY, OR OWNER MAY MAKE CORRECTIONS AT THE CONTRACTOR'S EXPENSE. ANY MONIES OWED TO THE CONTRACTOR MAY BE WITHHELD FOR SUCH EXPENSES.
- ALL DISTURBED TURF AREAS SHALL BE FINE-GRADED, FERTILIZED, SEEDED AND MULCHED. SEE SPECIFICATIONS FOR APPLICATION RATES.
- ALL GRADING SHALL BE DONE IN ACCORDANCE WITH SPOT ELEVATIONS, GRADES AND FLOW ARROWS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
- FINISHED SURFACES SHOULD MATCH SURROUNDING GROUND, WITH ALLOWANCE FOR SETTLEMENT, OR AS OTHERWISE DIRECTED BY THE CONTRACT DOCUMENTS OR BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
- ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
- CONTRACTOR SHALL APPLY SEEDING AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. THE SEEDING WORK SHALL CONFORM TO THE REQUIREMENTS OF SECTION 250 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". THE APPLICATION OF LIMESTONE SHALL CONFORM TO THE PLANS OR AS DIRECTED BY THE ENGINEER. SAMPLE OF THE SEED APPLIED TO THE WORK SHALL BE APPROVED BY ENGINEER BEFORE THE WORK IS STARTED.
- CONTRACTOR SHALL FURNISH, TRANSPORT AND PLACE MULCH OR EROSION CONTROL BLANKET OVER THE SEEDED AREA. THE METHOD, PROCEDURES AND MATERIALS APPLIED FOR MULCHING SHALL CONFORM TO THE REQUIREMENTS OF SECTION 251 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". EROSION CONTROL BLANKET CAN REPLACE MULCHING AS METHOD FOR EROSION CONTROL. FOR GROUND SLOPES GREATER THAN 3:1 (H:V), EROSION CONTROL BLANKET SHALL BE USED FOR EROSION CONTROL.
- THE CONTRACTOR SHALL AT HIS EXPENSE CONSTRUCT AND MAINTAIN AT LEAST ONE (1) STABILIZED CONSTRUCTION ENTRANCE AS INDICATED ON THE EROSION CONTROL PLAN, THE NOTES AND DETAILS CONTAINED IN THESE PLANS, AND AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE. IF MUD, DIRT OR SEDIMENT BE TRACKED ON ADJACENT PAVEMENTS THE CONTRACTOR SHALL IMMEDIATELY CLEAN THE SOILS. SHOULD THE CONTRACTOR FAIL TO CLEAN UP THE OFF-SITE PAVEMENT, AND THE DIRT OR MUD REMAINS ON THE STREET. THE WORK MAY BE DONE BY THE CITY AND THE COST THEREOF SHALL BE CHARGED TO THE CONTRACTOR AND DEDUCT FROM HIS CONTRACT PRICE.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS ON ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); EMBANKMENTS OF PONDS, BASINS, AND TRAPS; AND WITHIN FOURTEEN (14) DAYS ON ALL OTHER DISTURBED OR GRADED AREAS. THE REQUIREMENTS DO NOT APPLY TO THOSE AREAS ON WHICH ACTUAL CONSTRUCTION ACTIVITIES ARE CURRENTLY BEING PERFORMED.
- ALL SALVAGEABLE TEMPORARY EROSION CONTROL ITEMS SHALL BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR AT THE COMPLETION OF THE CONTRACT OR REQUIRED SERVICE.

- CARE AND PROTECTION OF EXISTING TREES AND SHRUBS SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 201 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", CURRENT EDITION, THE DETAILS AND NOTES CONTAINED IN THE PLANS, AND AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
- EXISTING TREES AND SCRUBS WITHIN THE PROTECT AREA AND THOSE INDICATED BY THE ENGINEER OR OWNER'S REPRESENTATIVE SHALL BE PROTECTED FROM DAMAGE UNLESS INDICATED ON THE PLANS TO BE REMOVED OR DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
- THERE SHALL BE NO STOCKPILING OR STORAGE OF MATERIALS, TOOLS, OR EQUIPMENT WITHIN THE DRIP LINE OF ANY TREE TO BE SAVED DURING CONSTRUCTION ACTIVITIES.
- THE CITY ARBORIST OR AN ARBORIST DESIGNATED BY THE ENGINEER OR OWNER'S REPRESENTATIVE SHALL INSTRUCT THE CONTRACTOR IN THE PROCEDURES TO BE USED TO TRIM BRANCHES WHICH INTERFERING WITH THE WORK.
- PRIOR TO EXCAVATION NEAR AN EXISTING TREE TO REMAIN, THE CONTRACTOR SHALL USE A VERMEER ROOT CUTTER, OR AN APPROVED STUMP GRINDER, TO CLEANLY CUT ALL ROOTS TO A MINIMUM DEPTH OF TWENTY-FOUR (24) INCHES AT A DISTANCE OF AT LEAST 10 FEET FROM THE TRUNK OF THE TREE. RIPPING, SHREDDING, CHOPPING OR TEARING OF ROOTS WILL NOT BE PERMITTED. USE OF AN AX, HATCHET, MACHETE, SHEARS, OR KNIFE WILL NOT BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO ASSURE THAT ALL TREES AND SHRUBS DESIGNATED TO REMAIN SHALL BE MAINTAINED IN GOOD CONDITION AND ALIVE THROUGHOUT THE COURSE OF THE PROJECT. SHOULD ANY TREE OR SHRUB DESIGNATED TO REMAIN BE DAMAGED OR DIE, THE CONTRACTOR SHALL REPAIR THE TREE IN ACCORDANCE WITH AN ARBORIST DESIGNATED BY THE ENGINEER OR OWNER'S REPRESENTATIVE, OR REPLACE THAT TREE OR SHRUB WITH A LIKE SPECIES AND SIZE AT NO COST TO THE OWNER.
- TREES AND SHRUBS TO BE REPLACED SHALL BE OF A SIZE AND TYPE TO MATCH THE DAMAGED TREE OR SHRUB. TREE REMOVAL AND REPLACEMENT SHALL BE IN ACCORDANCE WITH SECTION 253 OF THE "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION", CURRENT EDITION.
- WORK FOR PROTECTION OF TREES AND SHRUBS, INCLUDING NEWLY PLANTED TREES AND SHRUBS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

PRELIMINARY
ITB# 2016-005

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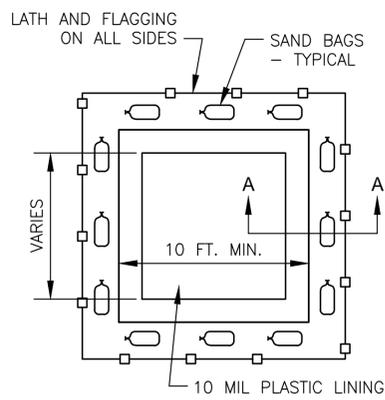
CHAMPAIGN COUNTY
ADMINISTRATIVE SERVICES



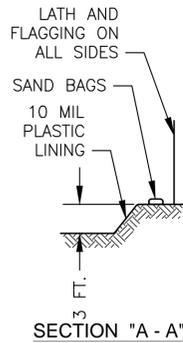
CHAMPAIGN COUNTY FACILITIES
ADA COMPLIANCE EXTERIOR
ASPHALT AND CONCRETE WORK
CHAMPAIGN COUNTY, ILLINOIS

EROSION CONTROL
DETAILS AND NOTES

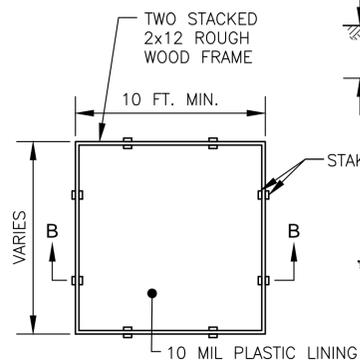
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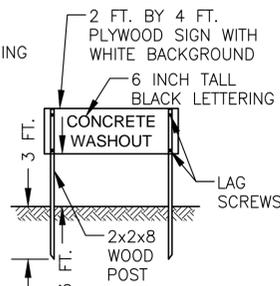
BELOW GRADE TYPE
(PREFERRED METHOD)



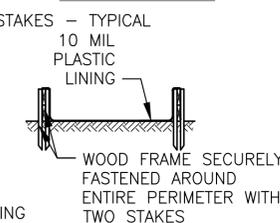
SECTION "A - A"



ABOVE GRADE TYPE



WASHOUT SIGN



SECTION "B - B"

CONCRETE WASHOUT FACILITY

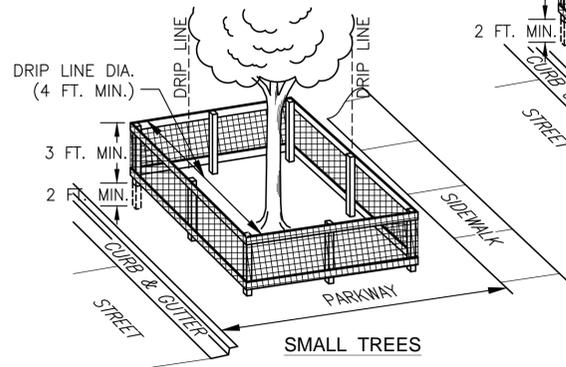
NO SCALE

NOTES:

1. PORTLAND CEMENT CONCRETE (PCC) AND ASPHALT CONCRETE (AC) WASTES SHALL BE COLLECTED OR PLACED IN A CONCRETE WASHOUT FACILITY AND DISPOSED OF. NO PCC OR AC WASTES SHALL ENTER THE STORM SEWER SYSTEM OR WATERCOURSES.
2. A SIGN SHALL BE INSTALLED ADJACENT TO EACH FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS TO UTILIZE PROPER FACILITIES.
3. BELOW GRADE FACILITIES ARE PREFERRED. ABOVE GRADE FACILITIES MAY BE UTILIZED IF EXCAVATION IS NOT PRACTICAL.
4. WASHOUT FACILITIES SHALL HAVE SUFFICIENT VOLUME TO CONTAIN ALL LIQUID AND WASTE CONCRETE MATERIALS GENERATED BY WASHOUT AND CONSTRUCTION ACTIVITIES.
5. ONCE CONCRETE WASTES ARE DISCHARGED TO FACILITIES AND ALLOWED TO HARDEN, THE CONCRETE WASTE SHALL BE BROKEN UP AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL LAWS, REGULATIONS AND REQUIREMENTS.
6. PLASTIC LINING SHALL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
7. A MINIMUM FREEBOARD OF 12 INCHES IS REQUIRED FOR BELOW GRADE FACILITIES AND A MINIMUM OF 4 INCHES FREEBOARD IS REQUIRED FOR ABOVE GRADE FACILITIES.
8. WHEN FACILITIES ARE NO LONGER REQUIRED FOR CONSTRUCTION WORK, THE MATERIALS USED TO CONSTRUCT THE FACILITIES SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL LAWS, REGULATIONS AND REQUIREMENTS.
9. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCES CAUSED BY REMOVAL OF THE FACILITIES SHALL BE BACKFILLED AND RESTORED TO PRE-EXISTING CONDITIONS OR TO INTENDED USE.
10. FACILITIES MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED ONCE THE WASHOUT IS 75% FULL.
11. REMOVE AND DISPOSE OF HARDENED CONCRETE MATERIALS TO RETURN FACILITIES TO A FUNCTIONAL CONDITION.
12. CONTRACTOR SHALL INSPECT WASHOUT FACILITIES ON A MINIMUM OF A WEEKLY BASIS.

NOTES:

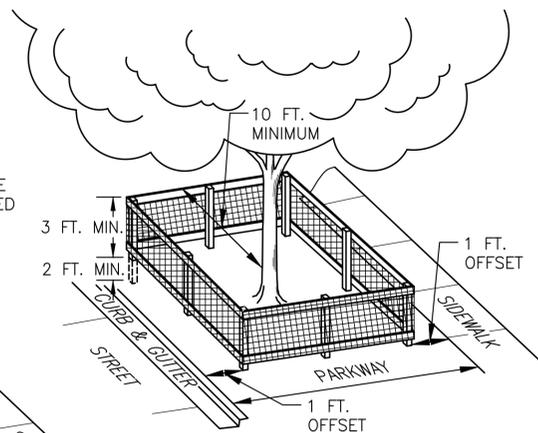
1. FENCE POSTS SHALL BE WOODEN, 2 INCHES BY 4 INCHES BY 5 FT. (MINIMUM) ON 6 FT. CENTERS (MAXIMUM).
2. RAILS SHALL BE WOODEN, 2 INCHES BY 4 INCHES ON 3 FT. CENTERS.
3. FENCING MATERIAL SHALL BE ORANGE COPOLYMER BARRIER FENCE FASTENED TO POSTS AND RAILS.



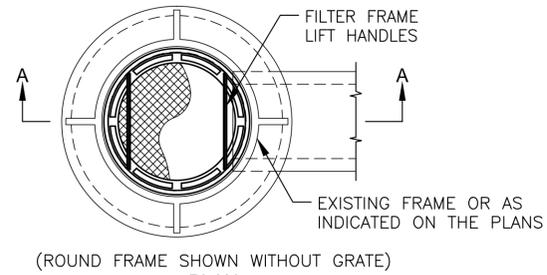
SMALL TREES

TREE PROTECTION

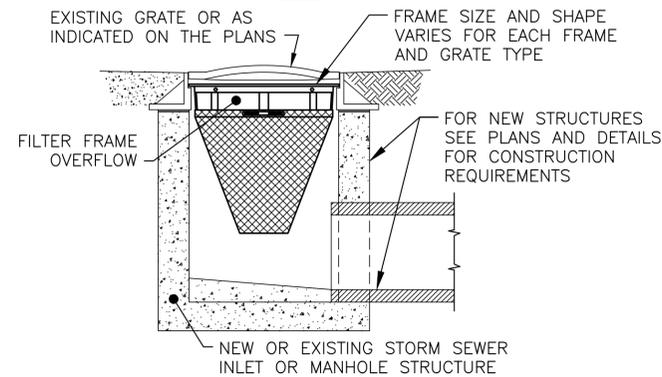
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MEDIUM OR LARGE TREES



(ROUND FRAME SHOWN WITHOUT GRATE)
PLAN



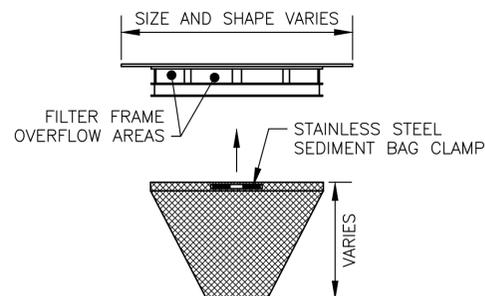
SECTION A - A

NOTES:

1. FILTER FRAMES FOR SEDIMENT BAGS SHALL BE SHAPED TO FIT INTO THE REQUIRED INLET OR MANHOLE FRAME AND GRATES. THE FILTER FRAME SHALL HAVE AN OVERFLOW FEATURE. THE SEDIMENT BAGS SHALL HAVE A SUPPORTING NET CAPABLE OF SUPPORTING A FULL SEDIMENT BAG.
2. CONTRACTOR WILL BE REQUIRED TO CHECK AND EMPTY SEDIMENT BAGS AFTER EACH RAIN AND AT SUCH INTERVALS NEEDED TO CONTROL SILT BUILDUP. THE CONTRACTOR SHALL REPLACE ANY DAMAGED SEDIMENT BAGS WHEN DISCOVERED.

INLET SEDIMENT BAG INSTALLATION

NO SCALE



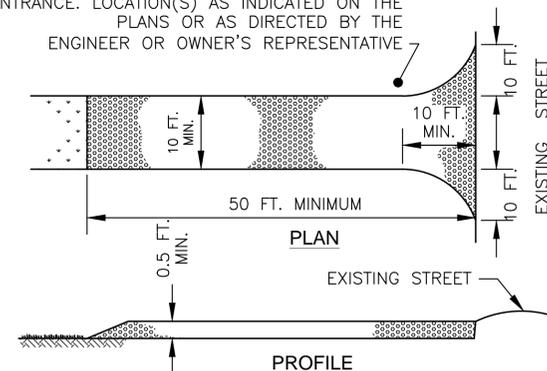
NOTES:

1. FILTER TOP FLANGE FABRICATED FROM 1/8 INCH FLAT STOCK. BASE RIM FABRICATED FROM 1 1/2 INCH BY 1/2 INCH BY 1/8 INCH CHANNEL. ALL DOMESTIC STEEL CONFORMING TO ASTM-A36.
2. SEDIMENT BAG FABRICATED FROM 4 OUNCE/SQUARE YARD NON-WOVEN POLYPROPYLENE GEOTEXTILE REINFORCED WITH POLYESTER MESH. BAG SECURED TO BASE RIM WITH A STAINLESS STEEL STRAP AND LOCK.

SEDIMENT BAG FILTER AND FRAME INSERT

NO SCALE

SEDIMENT TRAPPING BASIN REQUIRED WHEN WHEEL WASHING OR DRAINAGE CROSSES CONSTRUCTION ENTRANCE. LOCATION(S) AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE



PROFILE

NOTES:

1. STONE SIZE - USE 2 INCH DIAMETER OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN FIFTY (50) FEET LONG (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH MAY APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCUR.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, THE FLOW SHOULD BE DIVERTED. AN APPROVED SEDIMENT TRAPPING DEVICE MAY BE REQUIRED BY THE ENGINEER'S OR OWNER'S REPRESENTATIVE. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
8. WASHING - WHEELS AND UNDERSIDE OF VEHICLES SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO A SEDIMENT TRAPPING DEVICE AS APPROVED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
9. CONTRACTOR MAY LOCATE CONSTRUCTION ENTRANCES TO ACCOMMODATE CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE PUBLIC ROAD AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION. WHEN CONSTRUCTION ENTRANCES MUST BE LOCATED IN AREAS WITH EXISTING STREET CURBS; WHERE POSSIBLE, LOCATE CONSTRUCTION ENTRANCES WHERE EXISTING STREET CURBS WILL BE REMOVED AS PART OF THE PROJECT. EXISTING STREET CURBS TO REMAIN MUST BE PROTECTED FROM DAMAGE IN AN APPROPRIATE MANNER SUCH AS RAMPS BUILT OF 6 INCH BY 6 INCH POSTS, 4 INCH BY 4 INCH POSTS AND 2 INCH BY 4 INCH TREATED LUMBER OR "COLD PATCH" OVER 4 INCH DIAMETER CONDUIT TO ALLOW GUTTER FLOW. CONTRACTOR SHALL REMOVE AND REPLACE ANY STREET CURBS DAMAGED DURING CONSTRUCTION.

STABILIZED CONSTRUCTION ENTRANCE

NO SCALE

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ADMINISTRATIVE SERVICES



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CHAMPAIGN COUNTY, ILLINOIS

EROSION CONTROL
DETAILS AND NOTES

PRELIMINARY
ITB# 2016-005

DATE: 062316
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PORTLAND CEMENT CONCRETE PAVEMENT NOTES

1. PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 420 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE REQUIREMENTS OF THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS, AND THE CONCRETE PAVEMENT CONSTRUCTION NOTES AND DETAILS CONTAINED IN THESE PLANS. ALL WORK INCLUDING SUBGRADE PREPARATION, JOINTING, FINISHING, BROOMING, AND CURING SHALL BE INCLUDED IN THE CONTRACT.
2. THE SUBGRADE FOR PAVEMENTS SHALL BE PREPARED IN ACCORDANCE WITH SECTION 301 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", NOTES AND DETAILS CONTAINED IN THESE PLANS, AND THE REQUIREMENTS OF THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT PRICE.
3. SEPARATE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND TO THE REQUIREMENTS OF THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS, AND THE NOTES AND DETAILS CONTAINED IN THESE PLANS. THE SPECIFIED CURB AND GUTTER MAY BE POURED MONOLITHICALLY WITH PORTLAND CEMENT CONCRETE PAVEMENTS AS LONG AS A SAWCUT JOINT WITH DOWELS AS INDICATED ARE CONSTRUCTED. THE CONTRACTOR MAY CONSTRUCT SEPARATE PORTLAND CEMENT CONCRETE CURB AND GUTTER AS LONG AS IT IS TIED TO THE ADJACENT PORTLAND CEMENT CONCRETE PAVEMENT BY A DOWELED CONSTRUCTION JOINT. THE DEPTH OF THE CURB AND GUTTER SHALL MATCH THE ADJACENT PAVEMENT.
4. PORTLAND CEMENT CONCRETE SHALL BE A MINIMUM OF SIX (6) BAG MIX, WITH FIVE PERCENT (5%) TO EIGHT PERCENT (8%) ENTRAINED AIR. THE CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH IN FOURTEEN (14) DAYS OF 3,500 P.S.I. THE MAXIMUM SLUMP SHALL BE THREE (3) INCHES. ONE TEST SHALL BE PERFORMED PER EVERY 15 YARDS OF PORTLAND CEMENT CONCRETE WITH A MINIMUM OF ONE TEST PER SITE PER DAY. FAILURE TO MEET ANY OF THESE REQUIREMENTS SHALL BE CAUSE FOR REJECTION OF THE CONCRETE. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT PRICE.
5. PORTLAND CEMENT CONCRETE FOR ALL PAVEMENTS SHALL CONTAIN 1.5 POUNDS PER CUBIC YARD OF POLYPROPYLENE FIBER REINFORCEMENT MATERIAL INCORPORATED AT THE BATCH PLANT AND THOROUGHLY MIXED THROUGHOUT THE CONCRETE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. FIBER REINFORCEMENT SHALL NOT BE REQUIRED FOR CURBS OR SIDEWALKS BUT MAY BE ALLOWED SOLELY AT THE CONTRACTOR'S EXPENSE.
6. PORTLAND CEMENT CONCRETE MIX DESIGN AND PRIOR TEST PERFORMANCE REPORTS FOR THE MIX DESIGN, SHALL BE SUBMITTED TO THE ENGINEER OR OWNER'S REPRESENTATIVE FOR APPROVAL AT LEAST SEVEN (7) DAYS PRIOR PAVEMENT CONSTRUCTION AND PRIOR TO APPROVAL BY THE ENGINEER OR OWNER'S REPRESENTATIVE. APPROVAL OF THE MIX DESIGN DOES NOT RELIEVE THE CONTRACTOR OF HIS DUTY TO PROVIDE CONCRETE MEETING ALL APPLICABLE REQUIREMENTS.
7. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING THE PAVEMENT ACCORDING TO THE ALIGNMENT AND GRADES SHOWN ON THE PLANS. SHOULD THE ALIGNMENT OR ELEVATIONS OF THE PAVEMENT DEVIATE FROM THOSE SHOWN ON THE PLANS AS A RESULT OF INADEQUATE OR IMPROPER CONSTRUCTION TECHNIQUES AND RESULT IN CONFLICT WITH UTILITIES OR OBJECTS THAT WOULD OTHERWISE NOT BE ENCOUNTERED; THE CONTRACTOR WILL BE REQUIRED TO RECTIFY THOSE CONFLICTS AT HIS OWN EXPENSE.
8. ALL STICKS, ROOTS, TOPSOIL, AND ORGANIC MATERIALS SHALL BE REMOVED FROM THE SUBGRADE. ALL SPONGY AREAS IN THE SUBGRADE SHALL BE REMOVED AND REPLACED WITH COMPACTED AGGREGATE OR CLAY MATERIAL SUITABLE TO THE ENGINEER OR OWNER'S REPRESENTATIVE.
9. THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS EXCAVATED MATERIALS OFF SITE OR AT THE SITE AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
10. NEEDED FILL BENEATH PAVEMENTS SHALL BE CLAY FROM ON SITE SOURCES OR CRUSHED STONE AGGREGATE CONFORMING TO CA-6 OR CA-10 GRADATION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
11. THE SUBGRADE SHALL BE MECHANICALLY COMPACTED TO 95 PERCENT OF THE STANDARD PROCTOR DENSITY. THE PAVEMENT SUBGRADE SHALL HAVE SUFFICIENT STABILITY TO ACCOMMODATE CONSTRUCTION TRAFFIC WITHOUT EXCESSIVE SUBGRADE RUTTING OR SHOING. AT THE TIME OF PLACEMENT OF PAVEMENT, THE IN-SITU SUBGRADE SHALL HAVE A CALIFORNIA BEARING RATIO (CBR) OF AT LEAST SIX (6) IN THE TOP TWELVE (12) INCHES OF SUBGRADE. THE CBR VALUE WILL BE ASCERTAINED BY THE CONTRACTOR BY USE OF THE DYNAMIC CONE PENETROMETER (DCP) WITH ONE TEST EVERY 60 SQUARE YARDS OF PAVEMENT AND A MINIMUM OF ONE TEST PER SITE. THE CONTRACTOR SHALL ACCOMMODATE THESE TESTS DURING THE CONSTRUCTION OPERATIONS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT PRICE.
12. FORMS WHEN USED, SHALL BE SET TRUE TO LINE AND GRADE AND MAY BE CHECKED BY THE ENGINEER OR OWNER'S REPRESENTATIVE PRIOR TO PLACEMENT OF CONCRETE. GRADES ARE CRITICAL TO ENSURE PROPER DRAINAGE AND ADA COMPLIANCE. IF THE ELEVATION OF ANY PORTLAND CEMENT CONCRETE IMPROVEMENT VARIES FROM THAT SHOWN ON THE PLANS OR STAKED BY THE ENGINEER BY MORE THAN TWO-HUNDRETHS (0.02) OF A FOOT, OR IF AN AREA IS NOT PROPERLY DRAINED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING AND CHECKING GRADE. THE CONTRACTOR SHALL REMOVE AND REPLACE SUFFICIENT PAVEMENT TO CORRECT THE DEFECT AT HIS OWN EXPENSE.
13. THE PAVEMENT THICKNESS SPECIFIED OR SHOWN ON THE DRAWINGS SHALL BE THE MINIMUM ALLOWABLE. PAVEMENT WITH LESS THAN THE MINIMUM THICKNESS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
14. THE CONTRACTOR SHALL COAT FORM CONTACT SURFACES WITH FORM COATING COMPOUND BEFORE PLACING REINFORCEMENT OR TIE BARS. DO NOT ALLOW EXCESS FORM COATING MATERIAL TO ACCUMULATE IN THE FORMS OR COME INTO CONTACT WITH SURFACES WHICH WILL BE BONDED TO FRESH CONCRETE. APPLY IN ACCORDANCE WITH MANUFACTURE'S INSTRUCTIONS. COAT STEEL FORMS WITH NONSTAINING RUST PREVENTATIVE FORM OIL OTHERWISE PROTECT AGAINST RUSTING. RUST STAINED STEEL FORMWORK IS NOT ACCEPTABLE.
15. NEW PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE JOINED TO EXISTING PAVEMENTS WITH 30 INCH LONG STEEL NUMBER FOUR (4) REBAR AT 30 INCH CENTERS, DRILLED NINE (9) INCHES AND EPOXY GROUTED INTO THE EXISTING PAVEMENT WITH "REDHEADS" OR WITH "J-BOLTS". EPOXY GROUTING SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 584 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". "REDHEADS" AND "J-BOLTS" SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PAVEMENT CONSTRUCTION AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
16. ISOLATION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS. ISOLATION JOINTS MAY BE LOCATED BETWEEN A NEW PAVEMENT AND EXISTING PAVEMENT, CURB OR OTHER STRUCTURES AS SHOWN ON THE PLANS. ISOLATION JOINTS SHALL BE CONSTRUCTED OF ¾ INCH EXPANSION MATERIAL WITH ½ INCH THICKNESS JOINT SEALANT.
17. EXPANSION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS. EXPANSION JOINTS SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE PLANS. EXPANSION JOINTS SHALL BE CONSTRUCTED OF ¾ INCH EXPANSION MATERIAL PLACED FULL DEPTH THROUGH THE PAVEMENT AND DEPRESSED ¾ INCH FROM THE SURFACE WITH EIGHTEEN (18) INCH LONG DOWELS ON TWELVE (12) INCH CENTERS PLACED AT MID-DEPTH IN THE PAVEMENT. DOWEL CAPS SHALL BE PROVIDED ON ONE END OF THE DOWEL AND THE DOWELS SHALL BE COATED WITH AN APPROVED HEAVY GREASE. THE SPACE ABOVE THE EXPANSION MATERIAL, THE JOINT SHALL BE FILLED WITH JOINT SEALANT.
18. CONSTRUCTION JOINTS SHALL BE CONSTRUCTED AND LOCATED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS. CONSTRUCTION JOINTS SHALL BE USED BETWEEN POURS. NUMBER FOUR (4) REBARS, THIRTY (30) INCHES LONG ON THIRTY (30) INCH CENTERS SHALL BE PLACED AT MID-DEPTH OF THE PAVEMENT. THE CONCRETE POURS SHALL BE EDGED TO MATCH A ONE (1) INCH DEEP JOINTER AND FILLED WITH JOINT SEALANT OR SHALL BE SAWED TWO (2) INCHES DEEP OR AS INDICATED ON THE APPROPRIATE DETAIL AND FILLED WITH JOINT SEALANT.
19. CONTRACTION JOINTS SHALL BE CONSTRUCTED AND LOCATED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS. CONTRACTION JOINTS SHALL BE TWO (2) INCH DEEP SAWCUTS OR HAND TOOLED JOINTS MADE WITH AN ONE (1) INCH DEEP JOINTER. THE JOINTS SHALL BE FILLED WITH JOINT SEALANT.
20. CONVENTIONAL SAWCUTS SHALL BE MADE WITHIN EIGHT (8) HOURS OF THE PLACEMENT OF THE CONCRETE EXCEPT THAT "SOFF-CUT" SAWING MUST BE COMPLETED WHEN THE CONCRETE IS "GREEN" AND AS SOON AS IT IS ABLE TO SUPPORT THE EQUIPMENT..
21. AS AN ALTERNATIVE TO CONVENTIONAL SAW CUTTING, CONTRACTION AND CONSTRUCTION JOINTS MAY BE "SOFF-CUT" AS SOON AS THE CONCRETE HAS HARDENED ENOUGH TO WALK ON. THIS SHALL BE DONE WITH A "SOFF-CUT" SAW AS MANUFACTURED BY SOFF-CUT INTERNATIONAL, INCORPORATION. FOR PAVEMENTS UP TO NINE (9) INCHES IN THICKNESS A MINIMUM OF ONE (1) INCH DEPTH SAWCUT SHALL BE MADE. FOR PAVEMENTS GREATER THAN NINE (9) INCHES IN THICKNESS A MINIMUM ⅓ DEPTH SAWCUT SHALL BE REQUIRED.
22. EXPANSION MATERIAL SHALL BE NATURAL GRAY HOMEX 300 MANUFACTURED BY THE HOMOSITE COMPANY OR AN APPROVED EQUAL. IF BITUMINOUS MATERIALS ARE USED FOR THE EXPANSION MATERIAL, A BOND BREAKER OR JOINT CAP MUST BE USED WHERE JOINT SEALANT IS SPECIFIED.
23. DOWEL BARS SHALL BE PLAIN ROUND BILLET-STEEL BARS MEETING THE REQUIREMENTS OF THE "STANDARD SPECIFICATIONS FOR BILLET-STEEL CONCRETE REINFORCEMENT BARS", ASTM DESIGNATION A-15. THE FINISHED BARS SHALL BE FREE FROM BURRS OR OUT OF ROUND ENDS WHICH WOULD PREVENT EASY SLIPPAGE IN THE DOWEL BAR CAPS.
24. JOINT SEALANT SHALL BE SONOLASTIC NP-1 OR SONOLASTIC SL-1 JOINT FILLER MANUFACTURED BY SONNEBORN. JOINTS SHALL BE SEALED TO WITHIN ONE-EIGHTH (⅛) INCH OF THE SURFACE.
25. CONCRETE POURS SHALL BE ENDED AT CONSTRUCTION, ISOLATION, EXPANSION, OR CONTRACTION JOINTS AS INDICATED ON THE PLANS. PARTIAL SLABS SHALL NOT BE ALLOWED. FOR POURS ENDED AT CONTRACTION JOINTS THE JOINT SHALL BE CONSTRUCTED AS A CONSTRUCTION JOINT.
26. ALL CASTINGS IN PAVEMENT AREAS SHALL BE ADJUSTED FLUSH WITH THE PROPOSED PAVEMENT SURFACE ELEVATION. STORM SEWER MANHOLE AND INLET CASTINGS IN THE PAVEMENT GUTTERS SHALL BE DEPRESSED ONE-HALF (½) INCH OR AS APPROPRIATE TO AID IN DIRECTING RUNOFF INTO THE CASTING. THE CONCRETE PAVEMENT ADJACENT TO ALL CASTINGS SHALL BE EDGED WITH A ONE-QUARTER (¼) INCH RADIUS EDGER.
27. THE CONTRACTOR SHALL MOISTEN THE SUBGRADE BEFORE PLACING CONCRETE PAVEMENTS.
28. ALL CONCRETE USED FOR PAVEMENT CONSTRUCTION SHALL BE VIBRATED WITH A MECHANICAL CONCRETE VIBRATOR FOR CONSOLIDATION TO REMOVE VOIDS AND AIR POCKETS.
29. PAVEMENT SHALL BE FINISHED WITH A FINISHING MACHINE APPROVED BY THE ENGINEER OR OWNER'S REPRESENTATIVE. THE MACHINE SHALL BE SELF-PROPELLED, CAPABLE OF STRIKING OFF, CONSOLIDATING, AND FINISHING THE CONCRETE OF THE CONSISTANCY REQUIRED TO THE PROPER CROWN AND GRADE, OR OTHER METHOD APPROVED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
30. WATER SHALL NOT BE ADDED TO THE SURFACE OF THE CONCRETE FOR FINISHING PURPOSES. PAVEMENTS SHALL HAVE A HEAVY BROOMED FINISH TRANSVERSE TO THE DIRECTION OF TRAVEL.
31. ALL BACK OF CURBS, GUTTER EDGES, ENDS OF PAVEMENT SLABS AND PAVEMENTS THAT ABUT BITUMINOUS EXPANSION MATERIAL OR FORMS SHALL BE EDGED WITH A ONE-QUARTER (¼) INCH RADIUS EDGER. CONCRETE THAT ABUTS OTHER PAVEMENT OR IS "SLIP FORMED" WITHOUT THE USE OF FORMS NEED NOT BE EDGED.
32. PAVEMENTS AND CURBS SHALL BE CURED USING POLYETHYLENE FILM OR A CURING COMPOUND APPLIED UNIFORMLY TO ALL EXPOSED SURFACES INCLUDING THE BACK OF CURBS DURING SLIP FORMING. PAVEMENTS SHALL BE PROTECTED FROM HOT AND COLD WEATHER WHEN WARRANTED BY WEATHER CONDITIONS IN ACCORDANCE WITH ARTICLE 1020.13 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
33. THE CONTRACTOR IS REQUIRED TO PROTECT EXISTING PORTLAND CEMENT CONCRETE SURFACES FROM DAMAGE IMMEDIATELY AFTER BEING POURED AND DURING THE CONSTRUCTION OPERATIONS. EXISTING CONCRETE AND NEW CONCRETE DAMAGED BY CONSTRUCTION OPERATIONS OR BY DEFACING THE CONCRETE SURFACE BEFORE FINAL SET SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
34. FORMS SHALL NOT BE REMOVED FOR 24 HOURS AFTER CONCRETE PLACEMENT. CARE SHOULD BE EXERCISED WHEN REMOVING THE FORMS SO CONCRETE EDGES ARE NOT CRACKED OR DAMAGED. AFTER FORMS ARE REMOVED, ALL VISIBLE VOIDS AND HONEYCOMBS OF THREE-QUARTER (¾) INCH IN DIAMETER OR LARGER SHALL BE FILLED IN WITH MORTAR OR GROUT AND BRUSHED SMOOTH IMMEDIATELY AFTER FORM REMOVAL.
35. VIBRATING SCREEDS SHALL NOT RUN ON THE EDGE OF NEW PAVEMENTS UNTIL CONCRETE HAS CURED AT LEAST 72 HOURS.
36. TRAFFIC, INCLUDING CONSTRUCTION EQUIPMENT, SHALL NOT BE ALLOWED ON PAVEMENTS FOR AT LEAST SEVEN (7) DAYS.
37. THE AREA ADJACENT TO THE PAVEMENT SHALL BE CLEANED UP, BACKFILLED, AND GRADED AS SOON AS POSSIBLE AFTER PAVEMENT CONSTRUCTION.
38. PAVEMENTS AND CURBS WHICH ARE POURED AND DO NOT CONFORM TO ALL REQUIREMENTS OF THESE SPECIFICATIONS AND CONTRACT DOCUMENTS WILL BE REJECTED. REJECTED PAVEMENT AND CURB WILL NOT BE MEASURED FOR PAYMENT.
39. THE ENGINEER WILL PROVIDE HORIZONTAL CONTROL FOR POINTS OF CURVATURE, POINTS OF TANGENCY, RADIUS POINTS, GRADE STAKES FOR PAVEMENT CONSTRUCTION AND OFFSET STAKES FOR THE BACK OF CURBS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF CONTROL POINTS AND GRADE STATES AND SHALL PAY FOR THE COST OF RESETTING THEM.
40. ODD SHAPED SLABS AT INTERSECTIONS AND SLABS CONTAINING CATCH BASINS SHALL BE REINFORCED WITH WELDED WIRE FABRIC WHICH MEETS THE REQUIREMENTS OF ARTICLE 1006.10 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", AND AS SHOWN ON THE DETAILS. THE WELDED WIRE FABRIC SHALL BE IN SHEETS AND NOT ROLLS.
41. CONCRETE PAVEMENTS SHALL HAVE A SOLAR REFLECTANCE INDEX (SRI) VALUE OF AT LEAST 29 WHEN MEASURED IN ACCORDANCE TO ASTM E903 OR ASTM C1549.
42. A PROTECTIVE COAT SHALL APPLIED TO ALL CONCRETE PAVEMENTS WITHIN PUBLIC RIGHT OF WAY IN ACCORDANCE WITH SECTION 420.18 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" INCLUDING CONCRETE PAVEMENTS CONSTRUCTED PRIOR TO NOVEMBER 1. A PROTECTIVE COAT SHALL BE APPLIED TO ALL OTHER CONCRETE PAVEMENTS IN ACCORDANCE WITH SECTION 420.18 OF THE STANDARD SPECIFICATIONS. PROTECTIVE COAT APPLICATION, INCLUDING ANY REQUIRED BLOTTER MATERIAL, SHALL BE CONSIDERED INCIDENTAL TO CONCRETE PAVEMENT CONSTRUCTION.

PRELIMINARY
ITB# 2016-005

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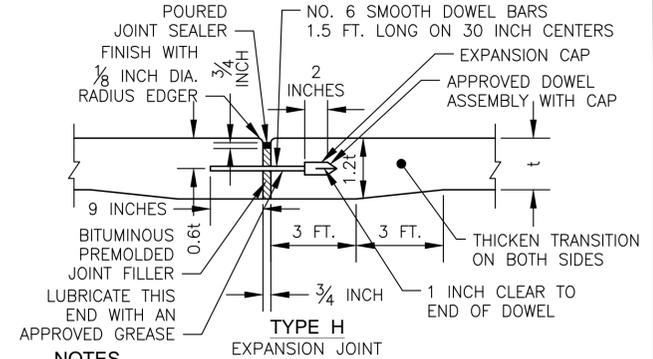
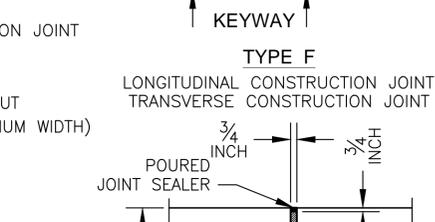
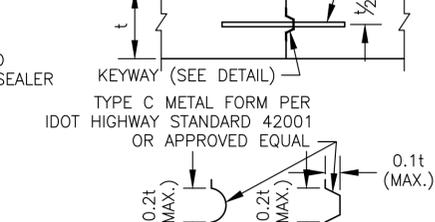
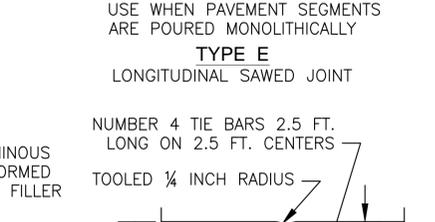
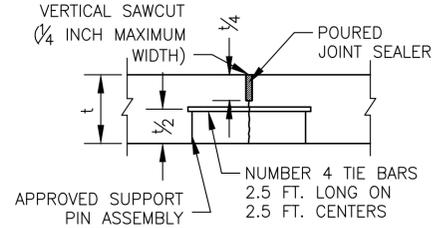
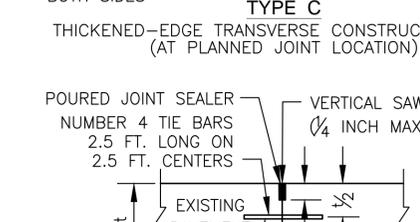
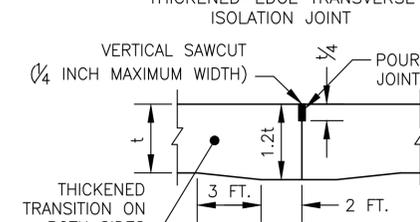
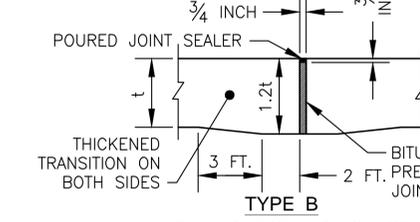
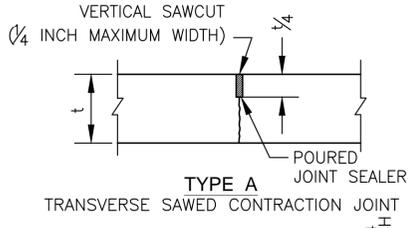
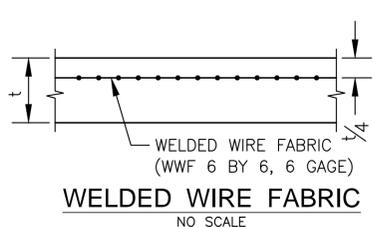
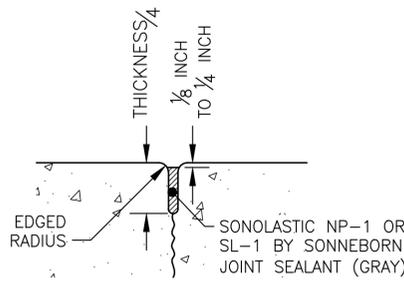
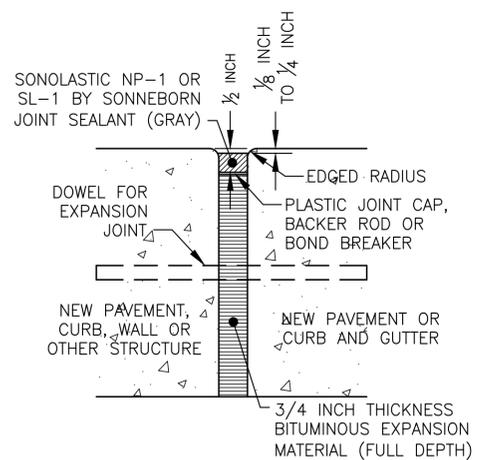
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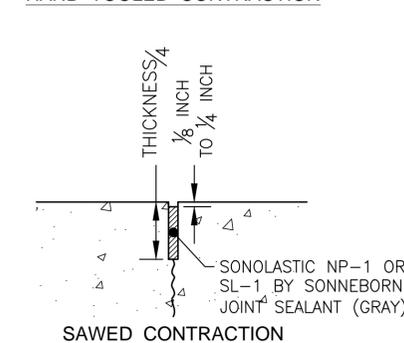
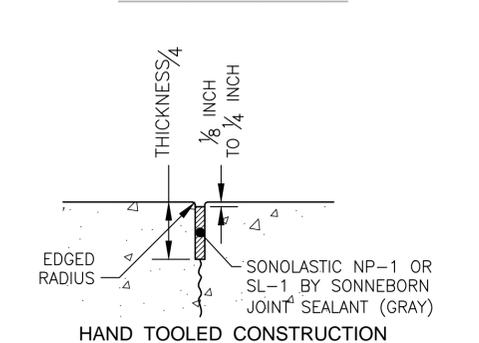
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PORTLAND CEMENT CONCRETE PAVEMENT DETAILS AND NOTES

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12 OF 16
JOB: 7168-25

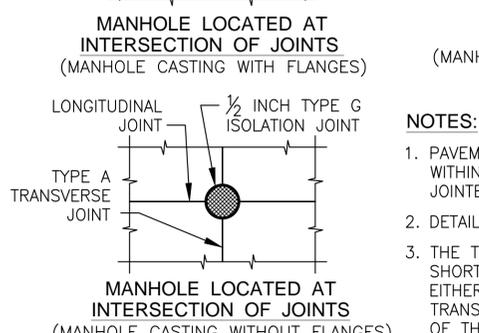
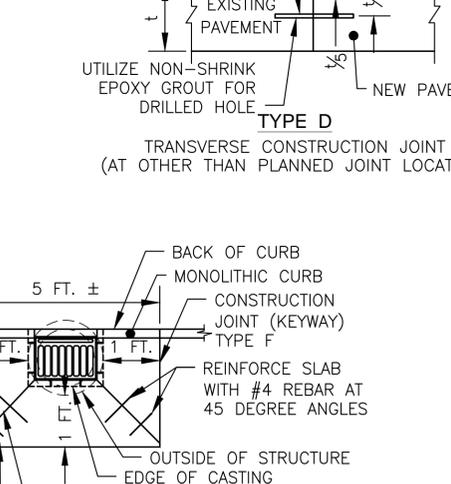
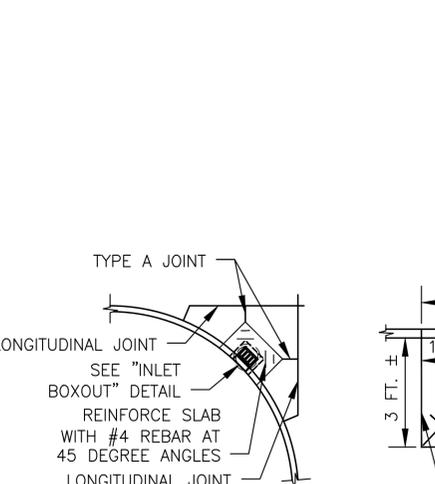
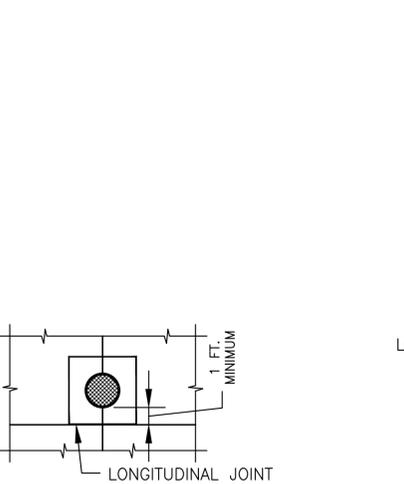
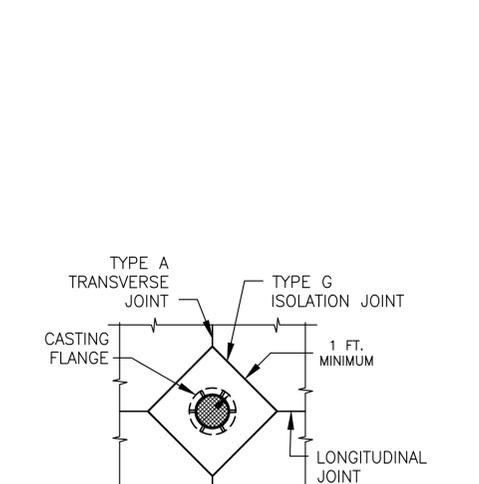


- NOTES**
1. ALL TRANSVERSE JOINTS MUST BE CONTINUOUS ACROSS THE PAVEMENT AND EXTEND THROUGH CURBS, EXCEPT TIED TRANSVERSE CONSTRUCTION JOINTS.
 2. TRANSVERSE JOINT SPACING SHALL NOT EXCEED 15 FEET.
 3. SAWED JOINTS SHALL BE SEALED WITH JOINT SEALER MEETING THE REQUIREMENTS OF SECTION 1050 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
 4. ODD-SHAPED SLABS AT INTERSECTIONS AND SLABS CONTAINING CATCH BASINS SHALL BE REINFORCED WITH WELDED WIRE FABRIC WHICH MEETS THE REQUIREMENTS OF ARTICLE 1006010 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS" AS SHOWN IN THE DETAILS. THE WELDED WIRE FABRIC CUT FROM ROLLS WILL NOT BE PERMITTED.
 5. COMPLY WITH IDOT HIGHWAY STANDARD 420001, HIGHWAY STANDARD BLR-14, AND HIGHWAY STANDARD BLR-10.
 6. JOINTS SHALL BE SAWED TO A DEPTH OF t/4 FOR TRANSVERSE JOINTS AND LONGITUDINAL JOINTS.
 7. CONSTRUCT TYPE D TRANSVERSE CONSTRUCTION JOINT WHEN CONSTRUCTION JOINT DOES NOT FALL AT AN ISOLATION OR EXPANSION JOINT.
 8. PREFORMED BITUMINOUS JOINT FILL SHALL CONFORM TO SECTION 1051 OF THE "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION".
 9. JOINT SEALANT SHALL BE SONOLASTIC NP-1 OR SL-1 BY SONNEBORN (GRAY). SEE "JOINT SEALANT APPLICATION" DETAIL.

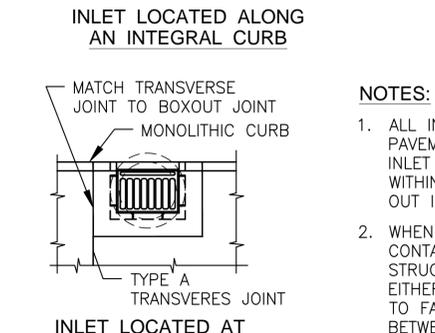


JOINT SEALANT APPLICATION

NO SCALE



- NOTES:**
1. PAVEMENT SLABS WITH MANHOLE CASTINGS WITHIN THE PAVEMENT LIMITS SHALL BE JOINTED AS SHOWN ON THE DETAILS.
 2. DETAILS FOR STANDARD MANHOLE CASTINGS.
 3. THE TRANSVERSE JOINT SPACING SHALL BE SHORTENED ON ONE OR MORE SLABS ON EITHER SIDE OF THE MANHOLE TO PERMIT A TRANSVERSE JOINT TO FALL AT THE CENTER OF THE MANHOLE.



- NOTES:**
1. ALL INLETS SHALL BE SEPARATED FROM THE PAVEMENT AND CURB BY BOXING OUT AROUND INLET AS SHOWN ABOVE. MANHOLE CASTINGS WITHIN THE PAVEMENT LIMITS SHALL BE BOXED OUT IN A LIKE MANNER.
 2. WHEN A JOINT FALLS WITHIN 5 FEET OF OR CONTACTS INLETS, MANHOLES OR OTHER STRUCTURES, SHORTEN ONE OR MORE PANELS EITHER SIDE OF THE OPENING TO PERMIT JOINT TO FALL ON ROUND STRUCTURES AND AT OR BETWEEN CORNERS OF RECTANGULAR STRUCTURES.

INLET BOXOUT

NO SCALE

PAVEMENT JOINT TYPES

NO SCALE

PAVEMENT JOINTS AT MANHOLES

NO SCALE

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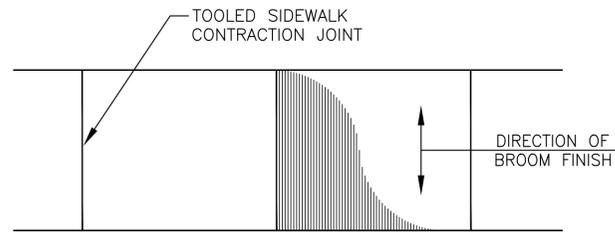
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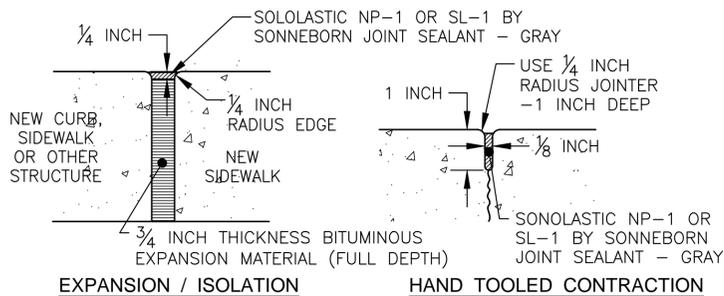
PORTLAND CEMENT CONCRETE PAVEMENT JOINT DETAILS AND NOTES

PRELIMINARY
ITB# 2016-005

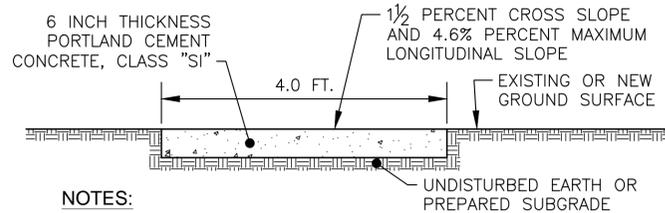
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SHEET: 13 OF 16
JOB: 7168-25



SIDEWALK BROOM FINISHING
NO SCALE



SIDEWALK JOINTS
NO SCALE



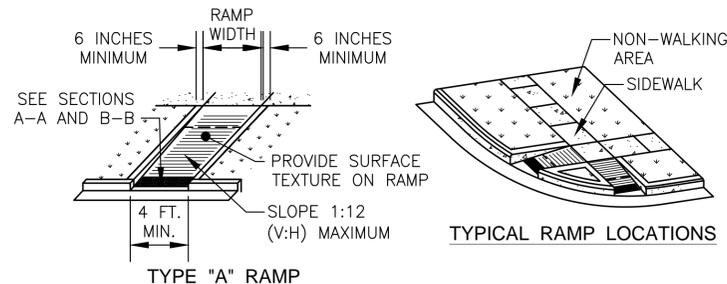
NOTES:

- 3/4 INCH THICKNESS PREMOLDED EXPANSION JOINT SHALL BE PLACED AT 48 FOOT INTERVALS.
- SIDEWALK SHALL BE HAND GROOVED 1 INCH DEEP AT 4 FOOT INTERVALS AND EDGED WITH AN EDGING TOOL.

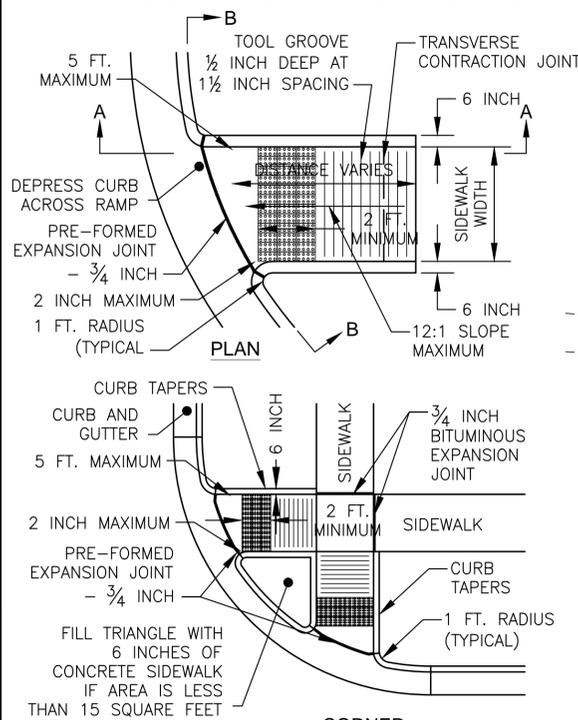
TYPICAL SIDEWALK CROSS SECTION
NO SCALE

NOTES:

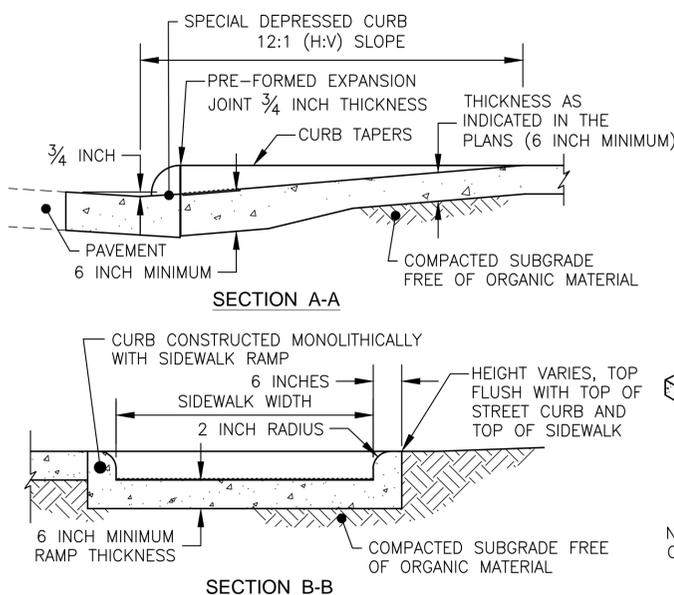
- PROVIDE MINIMUM 2 FT. WIDE TRUNCATED DOME DETECTABLE PAVERS SET AS SHOWN IN DETECTABLE WARNING PAVERS DETAIL.
- RAMP TEXTURE - TRANSVERSE GROOVES TO BE PLACED 1/2 INCH DEEP AND 1/4 INCH WIDE AT 1 1/2 INCH SPACING TO LEAVE A TEXTURED PATTERN.
- DEPRESSED CURBING AND DETAILING AS SHOWN FOR SIDEWALK RAMPS SHALL BE PROVIDED WITHOUT ADDITIONAL COMPENSATION.



TYPICAL RAMP LOCATIONS

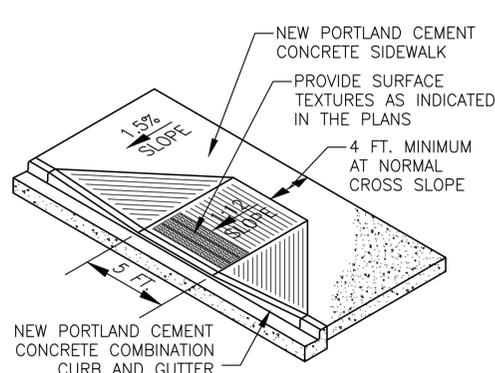


SIDEWALK CURB RAMPS
NO SCALE

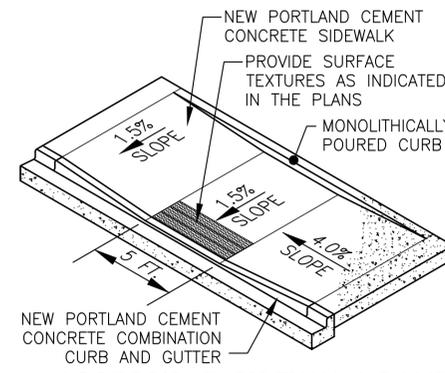


SECTION A-A

SECTION B-B



ACCESSIBLE SIDEWALK RAMP
NO SCALE



ACCESSIBLE SIDEWALK RAMP (DEPRESSED CURB)
NO SCALE

SIDEWALK CONSTRUCTION NOTES

- PORTLAND CEMENT CONCRETE SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 424 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE REQUIREMENTS OF THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS, AND THE NOTES AND DETAILS CONTAINED IN THESE PLANS.
- PORTLAND CEMENT CONCRETE SHALL BE ANY ILLINOIS DEPARTMENT OF TRANSPORTATION APPROVED MIX FOR SIDEWALKS CONFORMING TO SECTION 424 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION". ENTRAINED AIR SHALL BE BETWEEN 5 PERCENT (5%) AND 8 PERCENT (8%). THE MAXIMUM SLUMP SHALL BE 4 INCHES. THE CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH IN 14 DAYS OF 3,500 P.S.I.. CONCRETE NOT MEETING ALL THESE REQUIREMENTS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE PORTLAND CEMENT CONCRETE MIX DESIGN AND EVIDENCE OF PRIOR PERFORMANCE OR TEST RESULTS SHALL BE SUBMITTED TO THE ENGINEER OR OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO CONSTRUCTION. APPROVAL OF THE MIX DESIGN SHALL IN NO WAY ALLEVIATE CONTRACTOR OF HIS DUTY TO SUPPLY CONCRETE MEETING ALL REQUIREMENTS. IF TESTING INDICATES THE CONCRETE IS UNSATISFACTORY, THE MIX SHALL BE ADJUSTED ACCORDINGLY AND RESUBMITTED FOR APPROVAL.
- THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING THE SIDEWALKS ACCORDING TO THE ALIGNMENT AND GRADES SHOWN ON THE PLANS. SHOULD THE ALIGNMENT OR ELEVATION OF THE SIDEWALKS DEVIATE FROM THOSE SHOWN ON THE PLANS AS A RESULT OF INADEQUATE OR IMPROPER CONSTRUCTION TECHNIQUES ON THE PART OF THE CONTRACTOR, AND RESULT IN CONFLICTS WITH UTILITIES OR OTHER OBJECTS THAT WOULD OTHERWISE NOT BE ENCOUNTERED; THE CONTRACTOR WILL BE REQUIRED TO RECTIFY THOSE CONFLICTS AT HIS OWN EXPENSE.
- ALL STICKS, ROOTS AND ORGANIC MATERIALS SHALL BE REMOVED FROM THE SUBGRADE OF SIDEWALKS. THE SUBGRADE SHALL BE MECHANICALLY COMPACTED TO 95% STANDARD PROCTOR DENSITY. IF EXISTING SIDEWALK IS REMOVED AND NEW SIDEWALK IS PROPOSED, ANY AREAS OF THE SUBGRADE WHICH ARE BELOW THE REQUIRED ELEVATION OF THE FINISHED SUBGRADE SHALL BE BUILT UP TO GRADE WITH APPROVED COMPACTED CRUSHED STONE OR CONCRETE. EXCAVATED OR DISTURBED SOIL SHALL NOT BE USED AS A SUBGRADE MATERIAL. CONTRACTOR SHALL REMOVE AND REPAIR ANY SOFT OR SPONGY AREAS OF SUBGRADE WITH APPROVED COMPACTED CRUSHED STONE. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SIDEWALK AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- CONTRACTOR SHALL DISPOSE OF ALL EXCESS EXCAVATED MATERIALS OFF-SITE OR AT THE SITE AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
- SIDEWALK CROSS SLOPES SHALL BE A 1 1/2 PERCENT WITH A TOLERANCE OF 1/2 PERCENT UNLESS OTHERWISE NOTED ON THE PLANS. ANY SIDEWALKS HAVING A CROSS SLOPE OF GREATER THAN 2.0% SHALL BE REMOVED AND REPLACED AT THE CORRECT SLOPES AT THE CONTRACTOR'S SOLE EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- PORTLAND CEMENT CONCRETE SIDEWALK LONGITUDINAL SLOPES SHALL NOT EXCEED 5.0 PERCENT UNLESS OTHERWISE INDICATED. SIDEWALKS WITH LONGITUDINAL SLOPES GREATER THAN THOSE SPECIFIED HEREIN SHALL BE REMOVED AND REPLACED AT THE CORRECT SLOPES AT THE CONTRACTOR'S SOLE EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- SIDEWALK CURB RAMP SLOPES SHALL NOT EXCEED 12:1 (H:V) UNLESS OTHERWISE NOTED. CURB RAMPS WITH LONGITUDINAL SLOPES GREATER THAN THOSE SPECIFIED HEREIN SHALL BE REMOVED AND REPLACED AT THE CORRECT SLOPES AT THE CONTRACTOR'S SOLE EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- PORTLAND CEMENT CONCRETE SIDEWALKS SHALL BE 6 INCH THICKNESS AND 4 FOOT WIDE UNLESS OTHERWISE SHOWN ON THE PLANS. THE SIDEWALK THICKNESS SPECIFIED OR SHOWN IN THE PLANS SHALL BE THE MINIMUM ALLOWED. SIDEWALKS NOT MEETING THE SPECIFIED THICKNESS WILL NOT BE MEASURED FOR PAYMENT AND MAY BE REQUIRED TO BE REPLACED.

- FORMS SHALL BE SET TRUE TO LINE AND GRADE AND MAY BE CHECKED BY THE ENGINEER OR OWNER'S REPRESENTATIVE PRIOR TO PLACEMENT OF CONCRETE. GRADES ARE CRITICAL TO ENSURE PROPER DRAINAGE AND ADA COMPLIANCE. IF THE ELEVATION OF ANY SIDEWALK IMPROVEMENT VARIES FROM THAT SHOWN ON THE PLANS BY MORE THAN 0.02 FEET, OR IF AN AREA IS NOT PROPERLY DRAINED, THE CONTRACTOR SHALL REMOVE AND REPLACE SUFFICIENT SIDEWALK TO CORRECT THE DEFECT AT HIS EXPENSE.
- COAT FORM CONTACT SURFACES WITH AN APPROVED FORM-COATING COMPOUND BEFORE PLACING CONCRETE. DO NOT ALLOW EXCESS FORM-COATING MATERIAL TO ACCUMULATE IN THE FORMS OR COME INTO CONTACT WITH SURFACES WHICH WILL BE BONDED TO FRESH CONCRETE. APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. COAT STEEL FORMS WITH NON-STAINING RUST PREVENTATIVE FORM OIL OR OTHERWISE PROTECT AGAINST RUSTING. RUST STAINED STEEL FORMWORK IS NOT ACCEPTABLE.
- EXPANSION AND ISOLATION JOINTS FOR SIDEWALKS SHALL BE 3/4 INCH THICKNESS BITUMINOUS PRE-FORMED JOINT FILLER MATERIAL EXTENDED FULL DEPTH THROUGH THE CONCRETE AND SET 3/4 INCH BELOW THE SURFACE OF THE SIDEWALK. THE CONCRETE SHALL BE EDGED. PROVIDE EXPANSION AND ISOLATION JOINTS WHERE SIDEWALK ABUTS CURB, SIDEWALKS AT INTERSECTIONS AND EXISTING STRUCTURES AND FOUNDATIONS. THE JOINTS SHALL BE PROVIDED WITH BACKER ROD, BOND BREAKER OR "ZIP STRIP" AND FILLED TO WITHIN 1/4 INCH OF THE SURFACE WITH AN APPROVED JOINT SEALANT.
- CONSTRUCTION JOINTS SHALL BE LOCATED AT A CONTRACTION JOINT INTERVAL OR AT AN EXPANSION JOINT. CONSTRUCTION JOINTS SHALL BE CONSTRUCTED WITH 30 INCH LONG NUMBER 4 REBAR ON 18 INCH CENTERS PLACED AT MID-DEPTH. AND CLEAN OF FORM COATING MATERIAL.
- ALL CASTINGS IN SIDEWALK AREAS SHALL BE ADJUSTED FLUSH WITH THE PROPOSED SIDEWALK SURFACE ELEVATION. THE CONCRETE SIDEWALK ADJACENT TO ALL CASTINGS SHALL BE EDGED. PLACE 1/2 INCH THICKNESS EXPANSION JOINT MATERIAL FULL DEPTH AROUND CASTING.
- THE CONTRACTOR SHALL MOISTEN THE SUBGRADE BEFORE PLACING CONCRETE.
- CONCRETE FOR SIDEWALK CONSTRUCTION SHALL BE VIBRATED WITH A MECHANICAL CONCRETE VIBRATOR AT THE TIME OF PLACEMENT.
- WATER SHALL NOT BE ADDED TO THE SURFACE OF THE CONCRETE FOR FINISHING PURPOSES.
- SIDEWALKS SHALL BE EDGED WITH A STANDARD 1/4 INCH RADIUS EDGER.
- CONTRACTION JOINTS (CONTROL JOINTS) SHALL BE HAND GROOVED WITH A 1 INCH DEPTH JOINTER TO MATCH THE 1/4 INCH RADIUS EDGER. JOINT SPACING SHALL BE THE SAME AS THE SIDEWALK WIDTH UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE. JOINTS PLACED WITH A JOINTER LESS THAN 1 INCH DEEP SHALL BE SAWCUT WITHIN 24 HOURS UTILIZING A CART MOUNTED SAW.
- CURB RETURNS, SPECIAL SCORING AT RAMPS AND OTHER SPECIAL REQUIREMENTS AT INTERSECTIONS SHALL BE CONSIDERED INCIDENTAL TO SIDEWALK CONSTRUCTION AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- SIDEWALKS SHALL HAVE A LIGHT BROOMED FINISH TRANSVERSE (PARALLEL) TO THE DIRECTION OF TRAVEL.
- SIDEWALK RAMPS AND CROSSWALKS WHICH ABUT STREETS SHALL BE PROVIDED WITH A NON-SLIP (TEXTURED) SURFACE SO THAT STREETS, SIDEWALKS AND CROSSWALK INTERSECTIONS MERGE TO A COMMON ELEVATION.
- SIDEWALKS SHALL BE CURED USING AN APPROVED CURING COMPOUND OR POLYETHYLENE FILM. SIDEWALKS SHALL BE PROPERLY PROTECTED DURING HOT WEATHER AND COLD WEATHER CONDITIONS.
- FORMS SHALL NOT BE REMOVED FOR 24 HOURS AFTER CONCRETE PLACEMENT. CARE SHOULD BE EXERCISED WHEN REMOVING FORMS SO CONCRETE EDGES ARE NOT CRACKED OR DAMAGED.
- TRAFFIC, INCLUDING CONSTRUCTION EQUIPMENT, SHALL NOT BE ALLOWED ON SIDEWALKS FOR AT LEAST SEVEN (7) DAYS AFTER CONCRETE PLACEMENT.
- BACKFILL SHALL BE PLACED AGAINST THE SIDES OF THE WALK AS SOON AS POSSIBLE. THE AREA ADJACENT TO THE SIDEWALKS SHALL BE BACKFILLED, GRADED, AND CLEANED UP AS SOON AS POSSIBLE. ALL DEBRIS RESULTING FROM CONSTRUCTION SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.
- EXISTING CONCRETE AND NEW CONCRETE DAMAGED BY THE CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- SIDEWALKS NOT CONFORMING TO ALL REQUIREMENTS OF THESE SPECIFICATIONS AND THE CONTRACT DOCUMENTS WILL BE REJECTED. REJECTED SIDEWALK WILL NOT BE MEASURED FOR PAYMENT AND WILL BE REQUIRED TO BE REPLACED.
- SLIP FORM CONSTRUCTION SHALL NOT BE ALLOWED FOR CONSTRUCTION OF PORTLAND CEMENT CONCRETE SIDEWALKS.

PRELIMINARY
ITB# 2016-005

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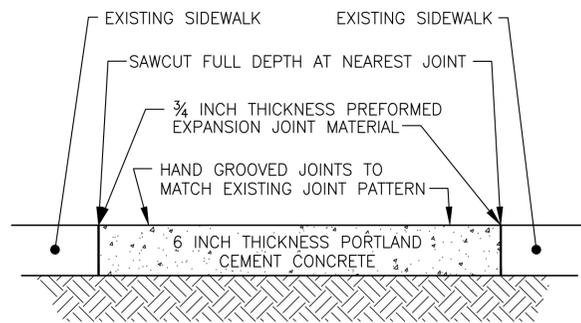
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CHAMPAIGN COUNTY ADMINISTRATIVE SERVICES

CHAMPAIGN COUNTY FACILITIES ADA COMPLIANCE EXTERIOR ASPHALT AND CONCRETE WORK CHAMPAIGN COUNTY, ILLINOIS

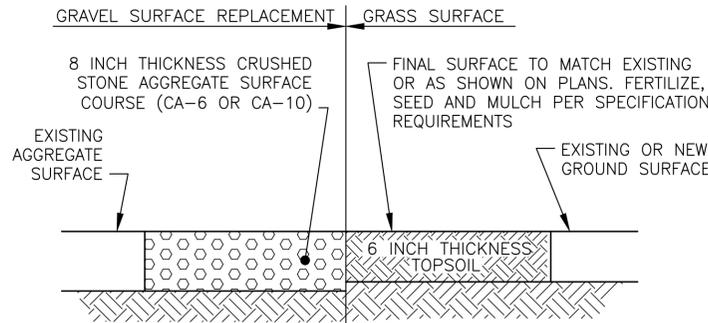
PORTLAND CEMENT CONCRETE SIDEWALK DETAILS AND NOTES

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SHEET: 14 OF 16
JOB: 7168-25



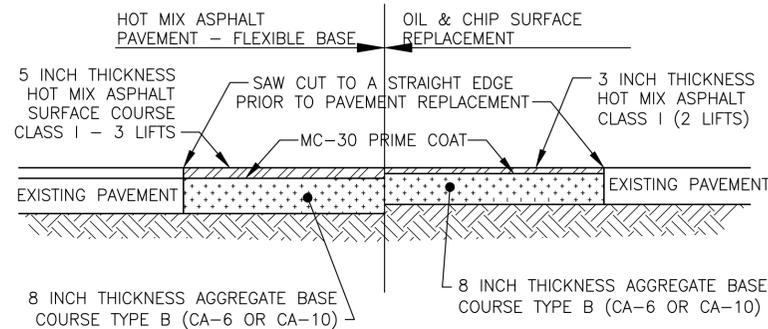
**PRIVATE DRIVEWAY AND
SIDEWALK REPLACEMENT**

NO SCALE



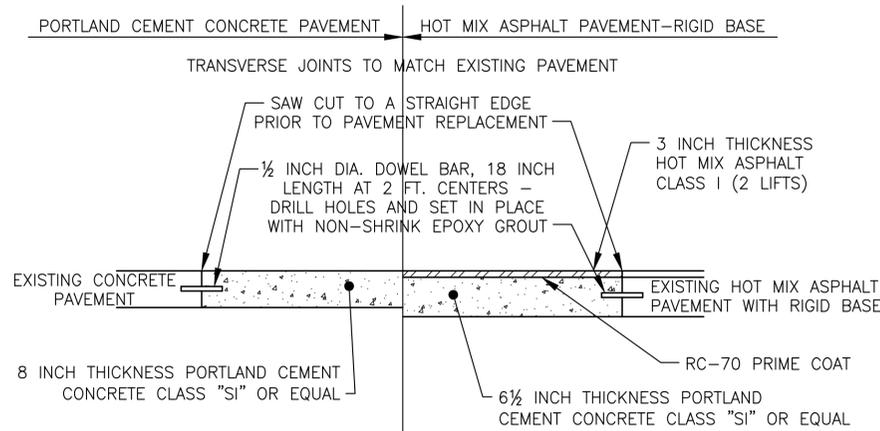
SURFACE RESTORATION

NO SCALE



FLEXIBLE PAVEMENT REPLACEMENT

NO SCALE



RIGID PAVEMENT REPLACEMENT

NO SCALE

SURFACE RESTORATION NOTES

- ALL SURFACE RESTORATION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", CURRENT EDITION, THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, AND THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS AND THE NOTES AND DETAILS CONTAINED IN THESE PLANS.
- THE SUBGRADE FOR PAVEMENTS SHALL BE PREPARED IN ACCORDANCE WITH SECTION 301 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND THE NOTES AND DETAILS CONTAINED IN THESE PLANS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICES FOR THE VARIOUS PAVEMENT REPLACEMENT ITEMS.
- SUBGRADE PREPARATION INCLUDES FINAL GRADING AND SHAPING THE SUBGRADE TO THE LINES AND GRADES SHOWN ON THE PLANS AND COMPACTING THE SUBGRADE TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY.
- STREET PAVEMENT SUBGRADES SHALL HAVE A CALIFORNIA BEARING RATIO (CBR) OF AT LEAST SIX PERCENT (6%) IN THE TOP TWELVE (12) INCHES OF SUBGRADE, PROVIDED THAT THE SUBGRADE IS WITHIN ONE-TENTH (0.1) OF A FOOT OF FINAL GRADE. THE CBR PERCENTAGE WILL BE ASCERTAINED BY USING OF A DYNAMIC CONE PENETROMETER (DCP) TESTS.
- AGGREGATE BASE COURSE SHALL BE CA-6 OR CA-10 CRUSHED STONE AGGREGATE OF THE THICKNESS SHOWN ON THE PLANS AND COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY.
- THE CONTRACTOR SHALL REPAIR ALL CRUSHED STONE DRIVEWAYS AND STREET SURFACES WITH 8 INCH THICKNESS AGGREGATE SURFACE COURSE CRUSHED STONE CA-6 OR CA-10 COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY.
- BITUMINOUS MATERIALS MUST BE PRODUCED AT AN ILLINOIS DEPARTMENT OF TRANSPORTATION APPROVED PLANT.
- PRIME COAT FOR AGGREGATE SUBBASES SHALL BE MC-30 AND SHALL BE APPLIED TO THE AGGREGATE BASE AT A RATE OF 0.25 GALLONS PER SQUARE YARD. PRIME COAT FOR RIGID SUBBASES SHALL BE RC-70 AND SHALL BE APPLIED AT A RATE OF 0.05 GALLONS PER SQUARE YARD.
- HOT MIX ASPHALT BINDER AND SURFACE COURSES SHALL BE COMPACTED TO AN AVERAGE DENSITY OF 92.0 TO 96.0 PERCENT OF THE THEORETICAL MAXIMUM DENSITY AS DETERMINED BY THE ILLINOIS MODIFIED AASHTO T209. NO INDIVIDUAL TEST SHALL BE BELOW 92.0 PERCENT.
- THE CONTRACTOR SHALL REPAIR ALL OIL AND CHIP ROAD SURFACES WITH 8 INCH THICKNESS CRUSHED STONE BASE COURSE OF CA-6 AND A 3 INCH THICKNESS HOT MIX ASPHALT SURFACE COURSE PLACED IN 2 LIFTS.
- EXISTING OR NEW CONCRETE OR HOT MIX ASPHALT PAVEMENTS, SIDEWALKS, CURBS, AND DRIVEWAYS DAMAGED BY CONSTRUCTION OPERATIONS AND NOT DESIGNATED FOR REMOVAL AND REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- SURFACE RESTORATION WORK THAT IS PERFORMED AND DOES NOT CONFORM TO ALL THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS WILL BE REJECTED AND WILL NOT BE MEASURED FOR PAYMENT.

TOPSOIL - FERTILIZING - SEEDING - MULCHING NOTES

- FURNISHING AND PLACING TOPSOIL SHALL BE IN ACCORDANCE WITH SECTIONS 211 AND 212 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- SEEDING AND MULCHING SHALL BE PERFORMED IN ACCORDANCE WITH SECTIONS 250 AND 251 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- ORGANIC SOILS (TOPSOIL) FROM EXCAVATIONS AROUND THE SITE SHALL BE STRIPPED, SEGREGATED AND STOCKPILED DURING CONSTRUCTION AND SPREAD ON THE TOP OF DISTURBED AREAS. THE ENGINEER OR OWNER'S REPRESENTATIVE SHALL DETERMINE SOILS SUITABLE FOR USE AS TOPSOIL DURING CONSTRUCTION. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. IF CONTRACTOR FAILS TO SEGREGATE TOPSOIL DURING EXCAVATION HE SHALL FURNISH SUITABLE REPLACEMENT TOPSOIL AT CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL PLACE A MINIMUM OF 6 INCHES OF TOPSOIL IN THE EXCAVATED AREAS DESIGNATED ON THE PLANS AND IN AREAS DISTURBED DURING CONSTRUCTION. THE CONTRACTOR SHALL HAND RAKE THE TOPSOIL REMOVING ALL ROCKS, STICKS AND DEBRIS FROM THE AREA. THE CONTRACTOR SHALL PLACE 12-12-12 FERTILIZER AT A RATE OF 400 POUNDS PER ACRE AND LIME AT A RATE OF ONE TON PER ACRE UPON ALL DISTURBED AREAS.
- SEEDING SHALL TAKE PLACE AS SOON AS FINISH GRADING OPERATIONS ARE COMPLETE.
- ALL TURF AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SEED IN LOCATIONS SPECIFIED BY THE ENGINEER OR OWNER'S REPRESENTATIVE. SEEDING SHALL BE CLASS 1 LAWN MIXTURE KENTUCKY BLUEGRASS 100 POUNDS PER ACRE, PERENNIAL RYE GRASS 60 POUNDS PER ACRE, CREEPING RED FESCUE 40 POUNDS PER ACRE, AND SPRING OATS 50 POUNDS PER ACRE. MULCH SHALL BE WHEAT STRAW SPREAD AT A RATE OF APPLICATION OF TWO TONS PER ACRE AND COMPLY WITH ARTICLE 251.03, METHOD 2 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- ALL AREAS BEYOND THE CONSTRUCTION LIMITS WHICH ARE DISTURBED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR OWNER'S REPRESENTATIVE, A SEED BED PREPARED AND THE AREA MULCHED. THIS WORK SHALL BE INCIDENTAL TO CONSTRUCTION AND WILL NOT BE MEASURED OR PAID FOR SEPARATELY.

PRELIMINARY
ITB# 2016-005

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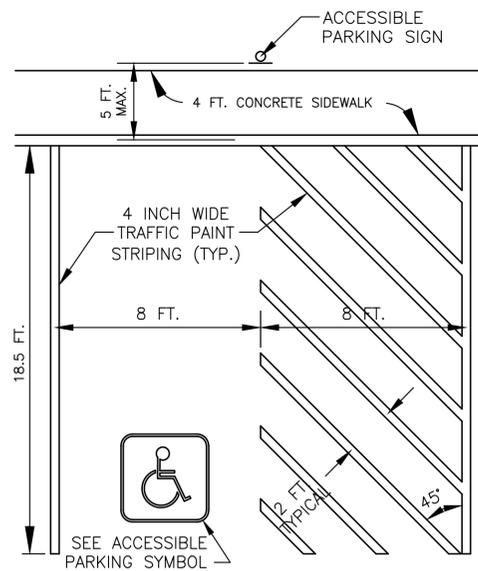
**CHAMPAIGN COUNTY
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**CHAMPAIGN COUNTY FACILITIES
ADA COMPLIANCE EXTERIOR
ASPHALT AND CONCRETE WORK
CHAMPAIGN COUNTY, ILLINOIS**

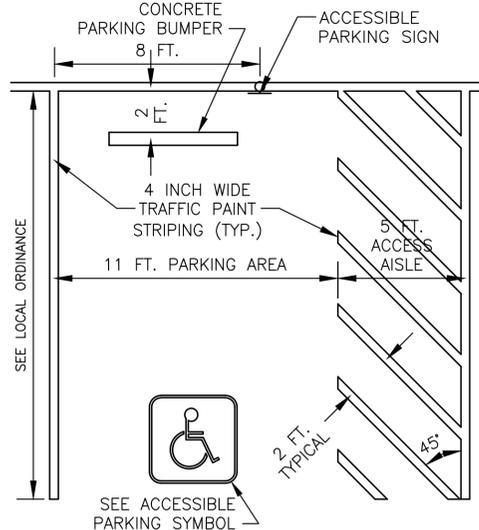
**SURFACE RESTORATION
DETAILS AND NOTES**

DATE: 062316
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JOB: 7168-25



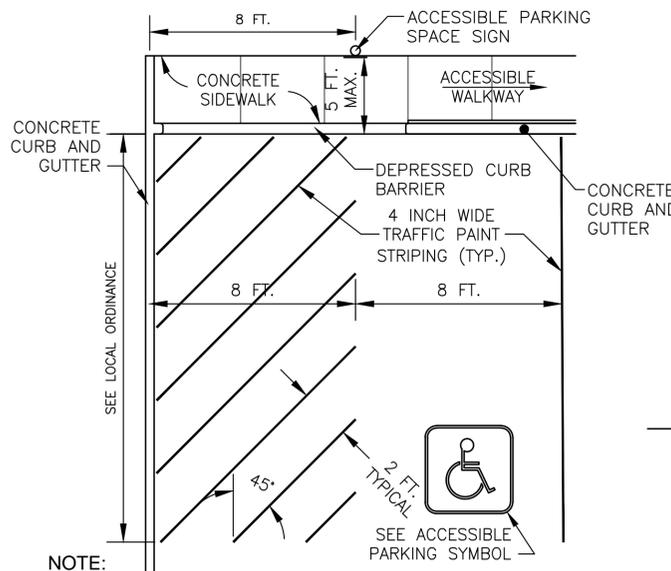
- NOTES:**
1. PARKING SPACE AND ACCESS AISLE SLOPE SHALL NOT EXCEED 2% IN ALL DIRECTIONS.
 2. ACCESS AISLE CAN BE ON EITHER SIDE OF THE PARKING SPACE FOR NON ANGLED PARKING.

ACCESSIBLE PARKING SPACE STRIPING
NO SCALE



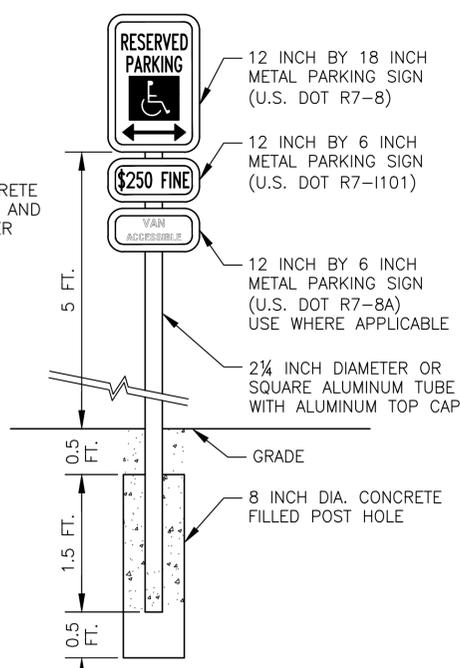
- NOTES:**
1. PARKING SPACE AND ACCESS AISLE SLOPE SHALL NOT EXCEED 2% IN ALL DIRECTIONS.
 2. ACCESS AISLE CAN BE ON EITHER SIDE OF THE PARKING SPACE FOR NON ANGLED PARKING.

ACCESSIBLE PARKING SPACE
NO SCALE



- NOTE:**
1. PARKING SPACE AND ACCESS AISLE SLOPE SHALL NOT EXCEED 2% IN ALL DIRECTIONS.

ACCESSIBLE PARKING SPACE
NO SCALE



ACCESSIBLE PARKING SIGN
NO SCALE

PAVEMENT STRIPING NOTES

1. STRIPING SHALL BE PERFORMED IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, EXCEPT AS OTHERWISE NOTED.
2. PARKING SPACE STRIPING FOR ON-STREET PARKING SHALL BE WHITE. PARKING SPACE STRIPING FOR OFF-STREET PARKING SHALL BE YELLOW IN COLOR. ACCESSIBLE PARKING SPACE MARKINGS MAY BE SUPPLEMENTED WITH BLUE PAVEMENT MARKINGS.
3. STRIPING MATERIALS FOR PUBLIC STREETS SHALL BE RETRO-REFLECTIVE AND OF THE FOLLOWING MATERIALS. MATERIALS FOR PRIVATE CONSTRUCTION NEED NOT BE RETRO-REFLECTIVE AND SHALL CONSIST OF THE FOLLOWING MATERIALS:

ASPHALT SURFACE: POLY UREA TRAFFIC MARKING PAINT (3M STAMARK, TYPE 1) APPLIED AT A THICKNESS OF 18 TO 20 MILS.

FAST DRYING, TYPE II LOW VOC, SOLVENT BASED CHLORINATED RUBBER TRAFFIC MARKING PAINT COMPLYING WITH FEDERAL SPECIFICATION A-A-2886B TYPE II. (DAVIS IMPERIAL COATINGS, INC.) APPLIED AT A THICKNESS OF 12 TO 15 MILS.

CONCRETE SURFACE: POLY UREA TRAFFIC MARKING PAINT (3M STAMARK, TYPE 1) APPLIED AT A THICKNESS OF 15 TO 20 MILS.

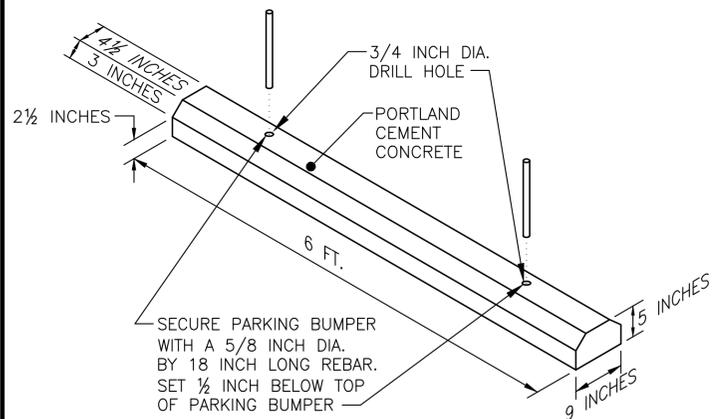
FAST DRYING, TYPE II LOW VOC, SOLVENT BASED CHLORINATED RUBBER TRAFFIC MARKING PAINT COMPLYING WITH FEDERAL SPECIFICATION A-A-2886B TYPE II. (DAVIS IMPERIAL COATINGS, INC.) APPLIED AT A THICKNESS OF 12 TO 15 MILS.

4. STRIPING MATERIALS FOR PUBLIC STREETS SHALL BE RETRO-REFLECTIVE AND OF THE FOLLOWING MATERIALS:

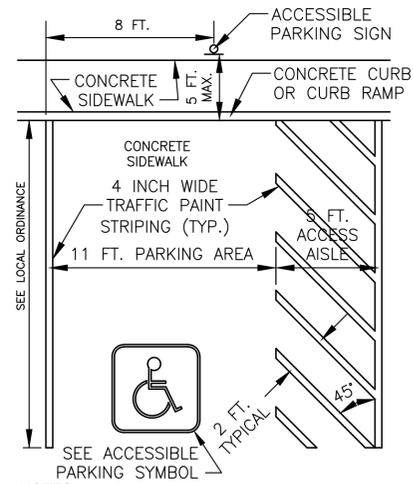
ASPHALT SURFACE: THERMOPLASTIC IN ACCORDANCE WITH SECTION 1095.01 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

CONCRETE SURFACE: POLY UREA TRAFFIC MARKING PAINT (3M STAMARK, TYPE 2) APPLIED AT A THICKNESS OF 12 TO 20 MILS.

5. FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS FOR SURFACE PREPARATION, APPLICATION, HANDLING AND CURING OF STRIPING AND MARKING MATERIALS.
6. SUBMIT STENCILS FOR PARKING SPACE MARKING, PARKING SPACE NUMBERING AND SYMBOLS TO THE ENGINEER OR OWNER'S REPRESENTATIVE FOR APPROVAL. NUMBERS SHALL BE EIGHT (8) INCHES TO TWELVE (12) INCHES HEIGHT AND SYMBOLS SHALL BE AS INDICATED IN THE DETAILS.
7. CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL STRIPING AND MARKINGS FROM DAMAGE AND VANDALISM. ANY STRIPING DAMAGED OR TRACKED SHALL BE REPAIRED AND OR REPLACED TO THE SATISFACTION OF THE ENGINEER, OWNER OR OWNER'S REPRESENTATIVE AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

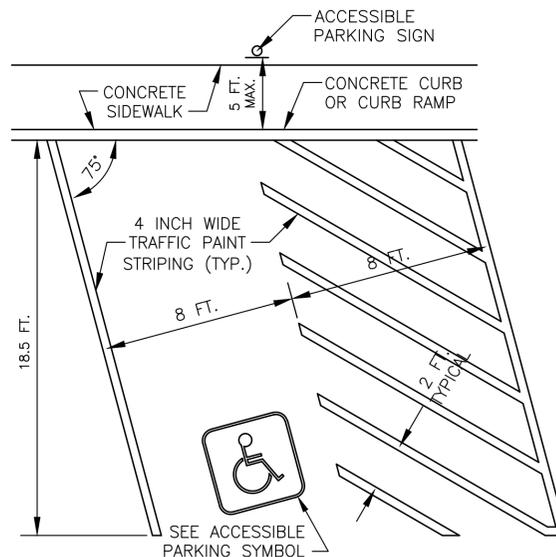


CONCRETE PARKING BUMPER
NO SCALE



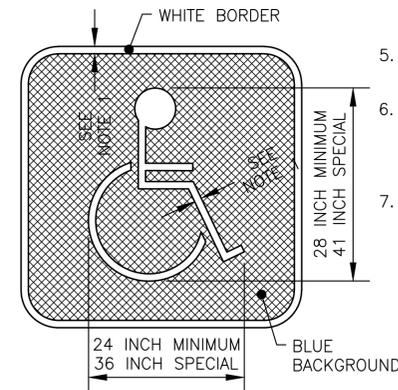
- NOTES:**
1. PARKING SPACE AND ACCESS AISLE SLOPE SHALL NOT EXCEED 2% IN ANY DIRECTIONS.
 2. ACCESS AISLE MAY BE ON EITHER SIDE OF THE PARKING SPACE FOR NON-ANGLED PARKING.

ACCESSIBLE PARKING SPACE STRIPING
NO SCALE



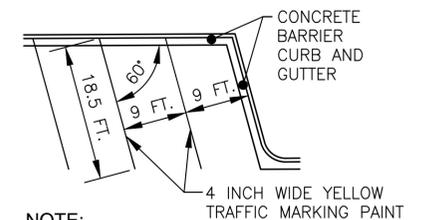
- NOTE:**
1. PARKING SPACE AND ACCESS AISLE SLOPE SHALL NOT EXCEED 2% IN ALL DIRECTIONS.

ACCESSIBLE PARKING SPACE STRIPING
NO SCALE



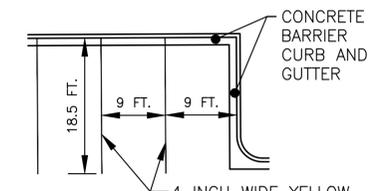
- NOTES:**
1. STRIPE (STROKE) WIDTH OF 3 INCHES MINIMUM, 4 INCHES SPECIAL.
 2. SYMBOL COLOR: USE WHITE PAINT FOR ON-STREET AND YELLOW PAINT FOR OFF-STREET.
 3. BLUE BACKGROUND AND WHITE BORDER ARE OPTIONAL.

ACCESSIBLE PARKING SYMBOL
NO SCALE



NOTE:
SEE PLANS FOR DIMENSION VARIATIONS.

PARKING SPACE STRIPING
(60 DEGREE PARKING)
NO SCALE



NOTE:
SEE PLANS FOR DIMENSION VARIATIONS.

PARKING SPACE STRIPING
NO SCALE

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PARKING AND STRIPING DETAILS AND NOTES

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