



City of Wheaton, Illinois

City of Wheaton  
303 W. Wesley Street  
Wheaton, IL 60187-0727  
630-260-2000

[www.wheaton.il.us](http://www.wheaton.il.us)

Description: **PARKING LOT IMPROVEMENT PROJECT**

Requesting: Invitation to Bid (2 original copies compiled as described within)

Issue Date: February 2017

Pre-Bid Meeting: None

Last Date for Questions: Wednesday, February 22, 2017 at 12:00 pm local time

Sealed Proposal Submittal Due: Wednesday, March 1, 2017, prior to 11:00 am local time  
Customized Mailing Label for sealed submittal provided in bid documents

Bid Opening Location: Wheaton City Hall, 303 West Wesley St., Wheaton, IL  
Council Chambers, 2<sup>nd</sup> Floor

Project Commences: After May 1, 2017

Note: Illinois Prevailing Wage Act 820 ILCS does apply

Contacts for this bid: [LStyczen@wheaton.il.us](mailto:LStyczen@wheaton.il.us)

Enclosures: General Instructions Regarding the Solicitation of Contracted Services  
General Terms and Conditions for Contractors  
Special Terms and Conditions for Contractors  
Supplemental Specifications and Recurring Special Provisions  
Material Specifications and Drawings  
Insurance Provisions  
Change Order Draft

Bid Submission must include: Cost Proposal Page  
Certification of Compliance  
Contractor Profile and Submittal Requirements  
Certificate of Insurance

If you are awarded the bid,

Additional Documents Required: Signed Standard Agreement for Contracted Services  
Payment and Performance Bond (110%)  
Certificate of Insurance with endorsements

All questions concerning this solicitation shall be via e-mail to the Procurement Officer and received no later than time stated above. A written response in the form of a public addendum will be published and forwarded to qualified proposers.

Contact with anyone other than the Procurement Officer for matters relative to this solicitation during the solicitation process is prohibited.

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## PARKING LOT IMPROVEMENT PROJECT

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### GENERAL INSTRUCTIONS REGARDING THE SOLICITATION OF CONTRACTED SERVICES

Solicitations are open to all business firms actively engaged in providing the materials, equipment, and services specified and inferred. Active engagement will be verified via references.

#### 1) SOLICITATION PROCESS

##### a) Documents:

- i) The City of Wheaton's website, [www.wheaton.il.us/bids/](http://www.wheaton.il.us/bids/) is the official source for all documents related to this solicitation. The City is not responsible for documents distributed by any other source.
- ii) It is the responsibility of the Bidder to seek clarification of any requirement that may not be clear. This includes a review of all solicitation documents.
- iii) All questions concerning this solicitation shall be submitted via e-mail to the attention of the Procurement Officer by the last date for questions as reflected on the cover page of this document. A written response in the form of a public addendum will be published on the City's website, [www.wheaton.il.us/bids/](http://www.wheaton.il.us/bids/).
- iv) Any interpretation, correction or change of the solicitation documents will be made by published Addendum. Interpretations, corrections, and changes to the solicitation documents made in any other manner will not be binding. All addenda will be published on the City's website at <http://www.wheaton.il.us/bids/>. It is up to the Bidder to check this site for the most current addendum.
- v) Bidders shall acknowledge the receipt of any addendum.

##### b) The Cone of Silence:

- i) The Cone of Silence is designed to protect the integrity of the procurement process by shielding it from undue influences.
- ii) During the period beginning with the issuance of the solicitation document through the execution of the award document, bidders are prohibited from all communications regarding this solicitation with City staff, City consultants, City legal counsel, City agents, or elected officials.
- iii) Any attempt by a bidder to influence a member or members of the aforementioned may be grounds to disqualify the bidder from participation in this solicitation.

##### c) Exceptions to the Cone of Silence:

- i) Written communications directed to the Procurement Officer
- ii) All communications occurring at pre-bid meetings
- iii) Oral presentations during finalist interviews, negotiation proceedings, or site visits
- iv) Oral presentations before publicly noticed committee meetings
- v) Contractors already on contract with the City to perform services for the City are allowed discussions necessary for the completion of an existing contract.
- vi) Procurement of goods or services for Emergency situations

#### 2) INVESTIGATION

- a) It shall be the responsibility of the Bidder to make any and all investigations necessary to become thoroughly informed of what is required and specified in the solicitation.
  - i) If the site of the work is an area restricted from the general public, a pre-bid meeting will be provided for all potential bidders to perform this inspection.
  - ii) If the site of the work is an area open to the general public, the potential bidder may perform their inspection at a time of their choosing.
- b) Bidder shall inspect in detail the site of the proposed work and familiarize himself with all the local conditions affecting the work and the detailed requirements of delivery, installation, or construction.
- c) No plea of ignorance by the bidder of conditions that exist or that may hereafter exist, because of failure or omission on the part of the bidder to make the necessary examinations and investigations, will be accepted as a basis for varying the requirements of the City or the compensation to the bidder.

#### 3) OFFERS

- a) Exceptions to specifications, requirements, Terms and Conditions must be clearly identified.
- b) Offers including goods or equipment must include: Manufacturer's warranties and/or guarantees
- c) Offers including service during the warranty/guarantee period must include, in writing, any restrictions, and/or associated costs.
- d) QUOTES are to be submitted via fax or e-mail. Verbal offers will not be accepted.
- e) FORMAL OFFERS must be on the forms provided and compiled in the order stated. Do not use binders, folders, tabs, or papers larger than 8.5 x 11.
- f) Delivery of an offer is acceptance of the City's requirements. Offers containing terms and conditions contrary to those specified, or taking exception to any of the Special Terms and Conditions, General Terms and Conditions, Specifications, or Addenda as stated by the City may be considered non-responsive.
- g) The City shall not accept an offer which is based upon any other offer, contract, or reference to any other document or numbers not included in the solicitation documents.

4) ORDER OF PRECEDENCE

- a) Wherever requirements are in conflict, the order of precedence shall be as follows: City Contract, City Specifications, City Special Terms, and Conditions; City General Terms and Conditions.
- b) City requirements take precedence over Bidder's offer.

5) SIGNATURES AS OFFER

- a) Under the conditions of the Uniform Commercial Code, the signing of the submittal by the bidder constitutes an offer. If accepted by the City, the offer becomes part of the contract.
- b) Offers by:
  - i) Individuals or sole proprietorships shall be signed by a person with the authority to enter into legal binding contracts. Said individual shall use his usual signature.
  - ii) Partnerships shall be signed with partnership name by one of the members of the partnership, or an authorized representative, followed by the signature and title of the person signing.
  - iii) By corporations shall be signed with the name of the corporation, followed by the signature and title of person authorized to bind it in the matter.

6) WITHDRAWAL OF OFFERS

- a) Offers may be withdrawn at any time prior to the scheduled opening or due date. Requests to withdraw an offer shall be in writing, properly signed, and received by the Procurement Officer prior to the due date.
- b) Offers may not be withdrawn after the due date without the approval of the Procurement Officer.
- c) Negligence in preparing an offer confers no right of withdrawal after opening / due date.

7) TIMEFRAME AND CONSEQUENCES

- a) Offers must be received before the designated time.
- b) Offers received after the designated time will be returned to the sender without review. Offers received late that may be attributed to delays by overnight delivery services, or by delivery services trying to deliver when offices are closed, will be considered late and returned to the sender.
- c) Unless otherwise specified in the solicitation, offers shall be binding for ninety (90) calendar days following due date.

8) PUBLIC OPENINGS

- a) Formal offers by sealed envelope will be publicly opened at the time and location stated. The Procurement Officer shall read the name of the bidder, offered price, and note if deviations are stated. after the opening an apparent low bid will be announced. Award will be based on analysis of costs, deviations, city budget, and approval by City Council.
- b) Results of Openings will be published on the City's website [www.wheaton.il.us/bids/](http://www.wheaton.il.us/bids/) within three business days.
- c) Bidders are encouraged to attend all openings and to offer constructive suggestions for improvements to the solicitation process, to increase competition, and ways in which the City may achieve greater savings and increased transparency.

d) Despite the reading of offers at a public opening, if the offers are thence rejected and thus subject to rebid, the read results will not be published and will be exempt from FOIA requests.

9) REQUIREMENTS

a) Brand Names or Equal:

- i) Specifications are prepared to describe the goods and services which the City deems to be in its best interests to meet its performance requirements. These specifications shall be considered the minimum standards expected of the contractor.
- ii) If an offer does not indicate deviations or alternatives to the specifications, the City shall assume the offer is fully compliant with all specifications.
- iii) Specifications are not intended to exclude potential contractors. Any reference in the City's specifications to a brand name, manufacturer, trade name, catalog number or the like is descriptive, not restrictive, indicating materials that are satisfactory.
- iv) Consideration of other makes and models will be considered, provided the bidder submits a request for pre-approval by the Last Date for Questions stated on the cover page. Bidder should state exactly what he proposes and attach a cut sheet, illustration or other descriptive matter which will clearly indicate the character of the item. A written response in the form of a public addendum will be published on the City's website, [www.wheaton.il.us/bids/](http://www.wheaton.il.us/bids/).

b) Quantities:

- i) All quantities represent an estimate of the quantity of the work to be done and/or materials to be ordered. It is given as a basis for comparison of offers and to determine the awarding of the contract.
- ii) The City does not expressly or by implication agree that the actual quantities involved will correspond to the published estimate. The bidder accepts that the quantities stated are estimates only and will not hold the City bound to said number.
- iii) The City reserves the right to modify the estimates, or remove them in their entirety, whichever is in the best interests of the City.

10) BID BONDS

- a) The City may require a Bid Bond / Bid Deposit if so stated.
- b) Bid Bonds / Bid Deposits are typically ten percent (10%) of the full contract price unless depicted otherwise.
- c) If a Bid Deposit (preferred), it shall be submitted with the formal offer and be in the form of a certified check or a bank cashier's check made payable to the City of Wheaton. Checks will be retained by the City until an award is fully executed, at which time the checks will be promptly returned to the unsuccessful Bidders.
  - i) The Bid Deposit check of the successful Bidder will be retained until the contract has been executed and all required documents, including a Performance Bond if requested, are received.
  - ii) The Bid Deposit check of the successful Bidder shall be forfeited to the City if the Bidder withdraws its offer, or neglects, refuses or is unable to enter into a contract.
- d) If Bidder chooses to use a Bid Bond, the Bid Bond must be in compliance with all bond requirements mandated by the State of Illinois.

11) DEVIATIONS TO REQUIREMENTS AND ALTERNATE OFFERS

- a) If the Bidder is unable to meet most of the specifications, but believes their product/work will meet the needs of the city, the Bidder should submit an Alternate Bid and include material specification sheets, performance data, or other documentation justifying consideration.
- b) If a Bidder plans to submit multiple offers, each offer must be packaged separately and identified on the outer envelope and on the cover page of the offer in a way that can be differentiated from the other offer(s).
- c) The Procurement Officer reserves the right to make the final determination of compliance or whether any deviation or alternate is of an equivalent or better quality and which offer can best meet the needs of the City. Such determination shall be incorporated within Purchasing's recommendation to the City Council.

12) ENVIRONMENTAL REQUIREMENTS

- a) The City is committed to becoming a sustainable city that conserves its use of resources to optimize efficiency and minimize waste. The City is committed to providing services in an equitable manner for present and future generations.
- b) Recycled Content Products: It is in the City's interest to purchase products with the highest recycled material content feasible. The City requests that Bidders suggest recycled content products as alternatives.
- c) Recycled Packing Material: The City desires that all shipping containers/packing material for equipment, materials and supplies delivered to the City contain no less than the specified minimum EPA percentage requirements of post-consumer recycled content. Containers and packing material should show the recycled product logo and recycled content percentage information.
- d) To help "Turn Wheaton Green", the bidder's sustainability policy, as well as green initiatives for this solicitation, will be considered in the evaluation of the offer.

13) PRICE

- a) The price offered shall remain firm throughout the duration of the agreement.
- b) Failure to record all requested breakdown of prices may result in disqualification. Unit price shall be shown for each unit specified. In case of mistake in extended price, unit price shall govern.
- c) Price shall represent the entire cost of all requirements stated within the solicitation and contract. No subsequent claim will be recognized for any surcharges, add on costs, increase in material prices, cost indexes, wage scales, fuel surcharges, freight costs, packaging or any other rates affecting the industry or this project.

14) FOR PROJECTS BID AS TIME AND MATERIAL

- a) Time, inclusive of but not limited to salaries, benefits, overtime, set-up, break-down, includes all costs associated with labor for this service.
- b) Material, inclusive of but not limited to goods, components, equipment, includes all costs associated with all items necessary to complete this service.
  - i) Complete illustrative and technical data, drawings, and/or printed literature for the materials or equipment quoted should be included with the offer.
- c) Overhead and Profit shall include all costs not covered under material or labor, such as fixed costs and taxes.

15) DISCOUNTS

- a) Discounts of less than thirty (30) days will not be considered in the evaluation.
- b) Discounts for thirty (30) days or more may be considered in the evaluation.
- c) Where the net offer is equal to an offer with a discount deducted, the award shall be made to the net offer.
- d) Discounts will be figured from the date of receipt of a proper invoice or the approval of the quality of the product received or service completed – whichever is later.

16) TAXES

- a) Unit prices shall not include any local, state or federal taxes.
- b) The City is exempt by law from paying sales tax on goods, equipment, and products permanently incorporated to the project, from State and City Retailer's Occupation Tax, State Service Occupation Tax, State Use Tax, and Federal Excise Tax.
- c) The City's Sales Tax Exemption Number is E9997-4312-07.
- d) The Contractor shall pay sales, consumer, use and other similar taxes.

17) EVALUATION OF OFFERS

- a) Receipt of One (or too few) offers: If the City receives one or too few bids, as defined by the City, from a publicly broadcasted solicitation, the City may reschedule the opening to a later date. The offers received will either be:
  - i) returned unopened to the Bidder for re-submittal at the new due date and time, or
  - ii) if there are no changes in requirements, and pending agreement with the Bidder, held until the new due date and time
- b) If the City does not receive any bids, from a publicly broadcasted solicitation, the City may negotiate with any interested parties.

18) DETERMINING RESPONSIVENESS OF THE OFFER

- a) Responsive bids are inclusive of, but not restricted to: received prior to the due date and time, completed as stated in the solicitation documents, inclusive of all required documents, compliant to all product requirements and specifications, able to meet delivery requirements, accepting of all contract terms and conditions.

19) WAIVERS AND REJECTIONS OF OFFERS

- a) The City reserves the right to waive any informality, technical requirement, deficiency, or irregularity in the offer. The City may conduct discussion with Bidders to further clarify the offer as may be necessary. Correction of the offer shall be effected by submission within 4 hours (e-mail or fax) of a corrected page with changes documented and signed.
- b) The City reserves the right to reject any or all offers for any reason including but not limited to: budgetary constraints, unclear solicitation documents, change in needs, suspicion of collusion, pricing aberrations, front end loading; mathematically unbalanced proposals in which prices for some items are substantially out of proportion to comparable prices, materially unbalanced proposals in which material requirements for some items are substantially higher to comparable proposals; poor quality or poor performance in past City contracts, and other reasons deemed important to the City.
- c) The City reserves the right to accept or reject any offer in which the Bidder names a total price for all the work without breaking down requested material costs, labor costs, and/or overhead and profit.
- d) Multiple offers from an individual, firm, partnership, corporation, or association under the same or different names are subject to rejection unless specifically permitted in the solicitation. Reasonable grounds for believing that a bidder is interested in more than one offer may result in rejection of all offers in which the bidder is interested. Any or all offers will be rejected if there is any reason for believing that collusion exists.
- e) Nothing in this section will preclude a firm acting as a subcontractor to be included as a subcontractor for two or more prime contractors submitting a proposal for work. However, a subcontractor may not submit a proposal as a prime contractor, and a prime contractor may not submit a proposal as a subcontractor.
- f) FOIA: If the City rejects all offers and concurrently provides notice of its intent to reissue the solicitation, the rejected offers remain exempt from FOIA requirements until the City awards or rejects the reissued solicitation.

20) DETERMINING RESPONSIBILITY OF THE BIDDER

- a) The City reserves the right to determine the competence, the financial stability, and the operational capacity, of any Bidder.
- b) Upon request by the City, Bidders shall furnish evidence for the City to evaluate their resources and ability to provide the goods and services required. Such evidence may include; but not be limited to: tour of facilities, staffing levels, listing of equipment and vehicles, listing of personnel's qualifications, certificates, licenses; listing of committed but not yet completed orders; financial statements.
- c) Bidder may be required to submit samples of items within a specified timeframe and at no expense to the City. If not destroyed in testing, samples will be returned at the Supplier's request and expense. Samples which are not requested for return within thirty (30) days will become the property of the City.
- d) Bidders may be required to affect a demonstration of the item or service being proposed. Such demonstration must be at a site convenient and agreeable to the affected City personnel and at no cost to the City.
- e) Bidders may be required to provide references. The City reserves the right to contact said references or other references that may be familiar with the Bidder. The City reserves the right to eliminate a bidder who has not demonstrated the required years of service within the required specialty.
- f) Bidders may be required to provide their internal policy on sustainability.
- g) The City reserves the right to determine if such information might hinder, influence the quality of the work specified, or prevent the prompt completion of additional work such as future maintenance and service.

21) CONFIDENTIAL INFORMATION

- a) Bidders may be required to provide evidence of financial viability. This may be a Dunn and Bradstreet Report, a financial statement prepared by a licensed Certified Public Accountant showing the Bidder's financial condition at the end of the past fiscal year, an annual report.

- b) Bidders may be required to provide other information which they consider proprietary and confidential, and if made known to the public, may affect their ability to compete in the marketplace. Said information will be subject to Illinois State FOIA requirements including the following exemptions:
  - i) (5 ILCS 140/7) (From Ch. 116, par. 207) Sec. 7.
  - ii) Exemptions. (1) The following shall be exempt from inspection and copying: (g) Trade secrets and commercial or financial information obtained from a person or business where the trade secrets or commercial or financial information are furnished under a claim that they are proprietary, privileged or confidential, and that disclosure of the trade secrets or commercial or financial information would cause competitive harm to the person or business and only insofar as the claim directly applies to the records requested.
- c) Bidders considering requests to be proprietary and confidential should submit an additional redacted offer. Failure to do so may result in information becoming available to the public.

22) **SELECTION PROCESS**

- a) The City endeavors to select the offer meeting the best interests of the City as stated by its City Council based on the totality of lawful considerations.
- b) The City's determination of best overall value may include consideration of the City's internal cost structure for meeting requirements, such as the city's inventory carrying costs, ordering lead times, equipment maintenance costs, standardization, available project management resources, and items typically identified with and relating to a "Life Cycle Cost Analysis".
- c) The City will consider the following non-exclusive list in determining award: soft costs of contract management; total cost of ownership factors such as transition costs, training costs, additional requirements such as spare parts and special tooling.
- d) The City will contact references to verify bidder's ability and skill to perform the work required based on: past work of similar nature, quality of work, proactive nature of work crew, adherence to the project's production schedule and proposed price constraints, and references' experience if the contractor has character, integrity, and a reputation for good judgment.
- e) If the city's evaluation yields a concern with the potentially recommended bidder's ability, the City reserves the right to require a Performance Bond at no additional cost to the city.
- f) Should identical low, responsive and responsible bids be received from two or more Bidders, the City shall exercise one of the following tie breaking methods:
  - i) Tie Bid (two suppliers): The Procurement Officer, with a witness present, may flip a coin with heads representing the Offeror whose name appears first in alphabetical order. If the toss is heads, said Offeror will receive the recommendation to award.
  - ii) Tie Bid (three or more suppliers): The Procurement Officer, with a witness and each vendor present, shall shuffle a new deck of playing cards and have each Offeror cut the cards. The Offeror who cuts the highest card (with Ace high) shall be recommended for award.

23) **AWARD**

- a) Except as otherwise stated, bidders will be awarded within ninety (90) days from the opening date.
- b) Award is based on the lowest responsive responsible offer; offering the lowest life-cycle cost; providing the best overall value to the City; and deemed most advantageous to the City, price and other factors considered.
- c) When there is a Base Bid and Alternates, the low bidder shall be the lowest responsible and responsive bid submitted for the Base Bid and Alternate A. If all Bids and Alternate A exceed the project budget, the city reserves the right to award to the bidder presenting the best alternatives for the city.
- d) When there is a Base Bid and Options, the low bidder shall be the lowest responsible and responsive bid submitted for the best combinations for the city.
- e) The City reserves the right to award by item, part or portion of an item, group of items, in the aggregate, or to reject any and all offers in whole or in part according to the best interests of the City.
  - i) Bidder may restrict their offer to consideration in the aggregate by so stating on the proposal form, but must name a unit price on each item.
- f) The successful Bidder may be required to enter into a contract with the City of Wheaton covering all matters set forth in the solicitation document, and addenda.

24) REQUIREMENTS IF AWARDED THE WORK

- a) Registration: The successful supplier, prior to the execution of the order, or no later than 10 days after receipt of the award document, must be registered to do business in the City of Wheaton and the State of Illinois.
- b) Insurance: The successful Bidder, if awarded by contract, will be required to carry insurance acceptable to the City. (*reference Contract Addendum 1*).
  - i) Certificates of Insurance, Endorsements, and a Waiver of Subjugation must be submitted with the execution of the contract.
  - ii) The Bidders obligation to purchase stated insurance cannot be waived by the city's action or inaction.
- c) Bonds: The successful bidder, if awarded by contract, may be required to provide a bond/bonds. Said bonds must be through a bonding company listed on the Department of the Treasury's Listing of Certified Companies [http://www.fms.treas.gov/c570/c570\\_a-z.html](http://www.fms.treas.gov/c570/c570_a-z.html).
  - i) Surety must be in compliance with any bond requirements mandated by the State of Illinois.
- d) Security Clearance: Background checks inclusive of finger printing MAY be required for contractors servicing secured areas. Contractors will submit a list of employees' names to the Project Manager who will coordinate the background checks with the police department. Said list should include staff to cover absences or reassignment.
  - i) Anyone with a background history showing a conviction for a felony; theft history of any kind, sex offense history, or any crime involving moral turpitude, illegal drug or narcotics use, sale or possession, or anyone showing a felony charge pending, or who has any outstanding warrants of any type, including misdemeanor traffic or felony warrants, may be subject to arrest, and will not be allowed to work under this contract.
  - ii) The contractor shall be responsible for all personnel engaged in the work. Contractor must ensure that: said personnel have been completely and satisfactorily cleared by the City of Wheaton for work within secure areas; a sufficient amount of backup or relief personnel to cover absenteeism or replacement have been completely and satisfactorily cleared or work; equipment and personnel do not enter facilities except as required during the progress of the work.
  - iii) The City reserves the right to request removal of any contractor's employee upon submitting proper justification should such action be considered necessary to the best interests of the City. Contractor is permitted to add/replace personnel with approved backup personnel, or reassign personnel already cleared by the City for work within secure areas. The City must be provided written notice prior to time of replacement.

25) AUDIT

- a) The successful Bidder may be audited by the City or an agent of the City. Audits may be at the request of federal or state regulatory agencies, other governmental agencies, courts of law, consultants hired by the City or other parties which in the City's opinion requires information. Data, information, and documentation will include, but not be limited to, original estimate files, change order estimate files, detailed worksheets, subcontractor proposals, supplier quotes and rebates, and all project related correspondence, and subcontractor and supplier change order files.

26) PROTESTS

- a) Any Bidder who claims to be aggrieved in connection with a solicitation, the selection process, a pending award, or other reasonable issue may initiate a protest.
  - i) Protests involving the solicitation process or stated requirements must be presented in writing via e-mail to the Procurement Officer no later than the last date for questions as reflected on the cover page of this document.
  - ii) Protests involving the evaluation of offers, staff recommendations, or the award process must be submitted in writing to the Procurement Officer no later than three business days after bid results are publicly posted.
- b) Protests must include: the name and address of the protestor; appropriate identification of the solicitation; if an award has been initiated, the award document number (if available), identification of the procedure that is alleged to have been violated; precise statement(s) of the relevant facts; identification of the issue to be resolved; protestor's argument and supporting documentation (Exhibits, evidence, or documents to substantiate any claims).

- c) A person filing a notice of protest will be required, at the time the notice of protest is filed, to post a bond in the form of a cashier's check in an amount equal to twenty-five percent of the City's estimate of the total volume of the award, or \$1,000, whichever is less.
  - i) If the decision of the Protest does not uphold the action taken by the City, then the City shall return the amount, without deduction, to the Bidder filing the protest.
  - ii) If the decision of the Protest upholds the action taken by the City, then the City shall retain the amount of the cashier's check in payment for a portion of the cost and expense for time spent by City staff in responding to the protest and in conducting the evaluation of the protest.
- d) Upon receipt of the notice of protest, the Procurement Officer shall stop the award process.
  - i) The Procurement Officer will rule on the protest in writing within two business days from receipt of protest.
  - ii) Appeals of the Procurement Officer's decision must be made in writing within two business days after receipt thereof and submitted to the City Manager for final resolution. Appellant shall have the opportunity to be heard and an opportunity to present evidence in support of the appeal.
  - iii) The City Manager's decision is final.

27) OTHER ENTITY USE

- a) Although this solicitation is specific to the City of Wheaton, Offerors have the option of allowing this offer, if awarded by the City to the Offeror, to be available to other local entities and agencies within the DuPage-Kane-Cook-Will and Kendall Counties. If the successful Offeror and the interested entity/agency mutually agree on the Terms and Conditions, inclusive of pricing, both parties may perform business under the authority of this solicitation and contract.
- b) It is understood that at no time will any city or municipality or other agency be obligated for placing an order for any other city, municipality, or agency; nor will any city or municipality or agency be obligated for any bills incurred by any other city or municipality or agency. Further, it is understood that each agency will issue its own purchase order to the awarded Supplier.

**END OF GENERAL INSTRUCTIONS REGARDING THE SOLICITATION OF CONTRACTED SERVICES**

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## PARKING LOT IMPROVEMENT PROJECT

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### GENERAL TERMS AND CONDITIONS FOR CONTRACTORS

- 1) CONTRACT ADMINISTRATION
  - a) A "Work May Proceed" order will be issued by Procurement upon confirmation of a properly executed contract.
  - b) Once the "Work May Proceed" order is issued, the contractor's primary contact with the city will become the Project Manager.
  - c) The Project Manager's primary responsibility is to assure the city receives the contracted services in accordance to the terms and conditions and specifications of the contract. The Project Manager will, but is not limited to: oversee the entire project from kick-off activities through close out and payment of final invoice; monitor equipment, materials, and project progress; address any quality issues and change orders; verify schedule of Values, output, schedule status; conduct random inspections.
  - d) The contractor will provide name and contact information of key contact to the Project Manager for use during time of emergency or at any hour city staff sees fit to do so.
    - a. If security clearance is required for this work, it will be pursued at this time.
- 2) COMMUNICATIONS PLAN
  - a) The Contractor shall designate an individual who must be present, at all times, on the site and who will serve as the Contractor's authorized representative throughout the completion of the Work and who shall be readily available to respond to communications. This individual must be a competent, English-speaking individual who is capable of reading and understanding the Contract Documents. This representative shall be subject to receive instructions and have full authority to execute the directions, without delay, and promptly supply any necessary labor, equipment, material, or incidentals to do so. If any person employed shall refuse or neglect to obey the directions of the Project Manager, in anything relating to the Work, or shall appear to be incompetent, disorderly, or unfaithful, he/she shall, upon request of the City, be at once discharged and shall not be employed again on any part of the Work.
  - b) The Contractor shall provide the name and phone number of the Contractor's representative who, in the case of an off-hours emergency can be readily accessible and be available for quick response to the site. If that person does not respond within the period of time requested all reasonable costs, including the payment of overtime wages or charges, shall be deducted from payments due the Contractor. Contractor shall immediately notify the Project Manager in writing of any change in the identity and telephone number of the Contractor's representative.
  - c) The contractor is required to provide the City's project manager with written/e-mailed bulletins addressing the status of the project throughout the life of the contract.
  - d) The bulletins shall cover all work performed and completed and shall confirm the schedule of the work yet to be performed. It shall also state any assumptions and/or exclusions.
  - e) The bulletin shall identify problems encountered, or still outstanding, with an explanation of the cause and resolution of the problem or how the problem will be resolved.
  - f) The contractor will be responsible for conducting status meetings with the project manager as scheduled. The meetings can be in person or over the phone, at the discretion of the city.
- 3) DOCUMENTS
  - a) Contractor is to maintain at the job site a complete and current set of drawings, plans and contract documents; bulletins, supplemental instructions, proposals, change orders, subcontractor's proposals, supplier's invoices, all written requests, and responses to each required change.
  - b) All documents must accurately reflect the current status of all pertinent data including changes in the line item quantities and contract sum attributed to change orders.
  - c) All documents are to be available to the Project Manager.
  - d) All documents are to be available for auditing purposes, FOIA, and other reasons necessitated by the city.
- 4) MATERIAL AND EQUIPMENT

- a) If the offer identifies an item by manufacturer's name, trade name, catalog number, or reference, the contractor shall furnish the item so identified and shall not propose to furnish an "equal".
- b) If the identified item is no longer available, the City must approve any proposed "equal" prior to order placement. The City will not incur any additional costs for the "equal".
- c) All components used in the manufacture or construction of materials, supplies and equipment, and all finished materials, shall be new, the latest make/model, of the best quality, and the highest grade workmanship.
- d) Contractor must provide documentation that any and all Hazardous Material created during the performance of the project work has been disposed of or recycled in compliance with all Illinois Administrative Code Title 35, Part 733 "Standards for Universal Waste Management", and other applicable State, Federal and local regulations.
- e) All material or equipment furnished shall meet the minimum requirements of Occupational Safety & Health Standard (OSHA) published in the Federal Register, U L, or other nationally recognized certifying body.

5) **SUBSTITUTIONS**

- a) No substitutions will be considered after Notice of Award except under one or more of the following conditions:
  - i) Substitution required for compliance with final interpretations of code requirement or insurance regulations
  - ii) Unavailability of specified products, through no fault of the contractor.
  - iii) Subsequent information discloses inability of specified product to perform properly or to fit in designated space.
  - iv) Manufacturer /fabricator refusal to certify or guarantee performance of specified product as specified.
  - v) When a substitution would be substantially to owner's best interest.
- b) Substitutions will not be considered when items are indicated or implied on shop drawings or product data submittals without formal request.

6) **REQUESTS FOR SUBSTITUTION**

- a) Submit request for substitution to the attention of the Project Manager. Include documentation confirming compliance of proposed substitution with contract documents.
  - i) For products include: Product description and identification, manufacturer's name, and address. manufacturer's literature, performance and test data, reference standards, samples, name, and address of similar projects on which product was used and dates of installation
  - ii) For construction methods include: detailed description of proposed method, drawings illustrating methods, itemized comparison of proposed substitution with product or method specified, statement regarding the effect of the substitution to the construction schedule
- b) Identify: changes or coordination required, other contracts affected, accurate cost data on proposed substitution in comparison with product or method specified.
- c) Contractor attests that he has personally investigated proposed product or method and determined that it is equal or superior in all respects to that specified; that he will provide the same guarantee for substitution as for product or method specified; that he will coordinate installation of accepted substitutions into the work, making all changes for work to be complete in all respects.
- d) Cost data must include all related costs under contract but excludes owner's redesign, administrative costs of owner, costs under separate contracts.
- e) Contractor will pay all additional costs and expenses for owner and other contractors.
  - i) Acceptance of substitution will require substantial revision of plans, drawings, and contract documents for all related projects.

7) **DELIVERY AND STORAGE**

- a) Deliveries of documents, materials, equipment etc. are between the hours of 8:30 A.M. and 3:00 P.M. Monday through Friday, excluding holidays, unless otherwise stipulated.
- b) Failure to deliver within a reasonable lead-time as determined by the city, shall constitute authority for the Procurement Officer to purchase in the open market items of comparable grade to replace the items not delivered.

- c) Contractor is to accept material and equipment delivered to the job site and is responsible to store all items in accordance with the manufacturer's written instructions, handling, and protection from weather, damage, and theft for the duration of the contract. Contractor shall be responsible for losses.
- d) Material delivered shall remain the property of the Contractor until:
  - i) A physical inspection and actual usage of the material is made and found to be acceptable to the City; and
  - ii) Material is determined to be in full compliance with the solicitation documents and executed contract.
  - iii) Where circumstances or conditions exist preventing effective inspection of the goods at the time of delivery, the City of Wheaton reserves the right to inspect the goods within a reasonable time after delivery.
- e) Contractor assumes full responsibility for protection and safekeeping of the contractor's own materials and equipment stored on premises, and move, if necessary, all stored products which interfere with operations of the city.
- f) Unless otherwise specified, packaged material shall remain in original containers with labels intact and seals unbroken.
- g) The contractor shall submit a Material Safety Data Sheet (MSDS) prior to or at the time of delivery for any/all toxic substances per Public Act 83-240, OSHA standards or any other applicable law.

8) **NONCONFORMING MATERIALS**

- a) In the event the delivered material is not in compliance to the specification documents and executed contract, the City will reject the material.
- b) Contractor shall remove rejected materials at his expense promptly after notification of rejection.
- c) Contractor shall provide replacement of rejected articles immediately. If replacement is not timely, as determined by the city, the Procurement Officer will purchase in the open market items of comparable grade to replace the items not replaced and the Contractor shall reimburse the City for any expense incurred in excess of contract prices. Such purchases shall be deducted from contract quantities
- d) The city reserves the right to either: cancel the order; request contractor to issue credit to the city; or deduct such amount from monies owed.
- e) Should public necessity demand it, the City reserves the right to use or consume items delivered which are substandard in quality, subject to an adjustment in price to be determined by the Procurement Officer.

9) **WARRANTY / GUARANTEE PERIOD**

- a) The Contractor warrants that all goods furnished hereunder will conform in all respects to the terms of this order, including any drawings, specifications, or standards incorporated herein, and/or defects in goods are free from defects in design. Contractor also warrants the goods are suitable for and will perform in accordance with the purposes for which they were intended.
- b) The Contractor agrees that the supplies or services furnished under this contract shall be covered by the most favorable commercial warranties the Contractor gives to any customer for such supplies or services and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the City by any other clause of this contract or by law.
- c) Unless otherwise specified, the contractor shall unconditionally guarantee the materials and workmanship on all equipment furnished by him for a period of one year (Guarantee Period) from date of installation close out.
- d) If within the Guarantee Period any defects or signs of deterioration are noted which, in the opinion of the City, are due to faulty design and installation, workmanship, or materials, the City shall notify the contractor. At the contractor's expense, the Contractor shall repair or adjust the equipment or parts to correct the condition, or replace the part or equipment to the complete satisfaction of the city.
  - i) Replacement parts of defective components shall be supplied at no cost to the City. Shipping costs for defective parts required to be returned to the contractor shall be paid by the contractor.

10) **MANUFACTURER'S REQUIREMENTS**

- a) All work must be performed according to manufacturer's stated recommendations.
- b) If manufacturer's stated recommendations conflict with specifications, issues should be addressed in writing to the Project Manager prior to proceeding with any work.

- c) If manufacturer's stated recommendations include required services not listed within the specifications, said services must be considered as inherent to the city's specifications and offers should include said services.
- d) All work is to be performed consistent to industrial performance standards.

11) PERMITS AND LICENSES

- a) The successful contractor shall be responsible for obtaining, at their own expense, all permits and licenses which may be required to complete the contract.
- b) Contractor represents that it, its employees, agents, and subcontractors shall hold all required licenses, permits, qualifications and certificates, and have duly registered and otherwise complied in all respects with all applicable federal, state and local laws, regulations, and ordinances applicable to the performance of this contract.

12) CONTRACTOR USE OF PREMISES

- a) Confine operations at site to areas permitted by all laws, ordinances, and permits, as well as the contract documents.
- b) The contractor shall control operations to avoid interference with normal traffic flow on and around the site; when necessary provide barriers, warning lights, and signs as required to protect workers and the public.
- c) Limit use of premises for work, storage of material and equipment, and parking of worker's automobiles.
- d) Conduct operations in a manner that avoids interference with use of the building and building operations and which protects persons and property.
- e) If utility shut-down is required, provide Project Manager two (2) days advanced warning and estimation of duration of required utility shutdown.

13) UTILITY LOCATION

- a) The contractor must exercise extreme caution while working around existing utilities. The contractor shall notify J.U.L.I.E., utility companies, and the Project Manager before commencing construction work around utility locations within the scope of the project.

14) CONTRACTOR IDENTIFICATION

- a) For security purposes, all contracted service providers must be clearly identified with company photo id and company attire.
- b) Upon Project Manager's approval, contractors requiring unrestricted mobility within designated facilities will require a City of Wheaton Contractor photo id.
- c) Contractor's advertising decals, stickers or other signs shall not be affixed to equipment or visible to the public.

15) MANUALS AND DOCUMENTS

- a) The contractor shall submit to the owner such operating and maintenance manual and repair part lists as required by the nature of the work.

16) CLEANING

- a) Contractor shall maintain premises and public properties free from accumulation of waste, debris, and rubbish caused by construction operations. Cleaning and disposal operations must comply with Federal, State and local ordinances and anti-pollution laws.
- b) Provide on-site metal containers for collection of waste materials, debris, and rubbish.
- c) At completion of work: sweep paved areas broom clean; remove waste materials, rubbish, tools, equipment, machinery, and surplus materials; clean all sight-exposed surfaces and leave project area clean and ready for use; clean the project site, yard, grounds, and landscaped areas; remove petro- chemical spills, stains, and other foreign deposits; clean plumbing fixtures to a sanitary condition, free of stains.
- d) Touch-up and otherwise repair and restore marred exposed finishes and surfaces.

17) SAFETY AND HEALTH

- a) All Occupational Safety and Health Administration (OSHA) standards apply.
- b) Store volatile wastes in covered metal containers and remove from premises daily.

- c) Provide adequate ventilation during use of volatile or noxious substances.

18) CHANGE ORDER PROCEDURE

- a) The city reserves the right to make changes in the plans and specifications by altering, adding to, or deducting from the work, without invalidating the contract. All such changes shall be executed under the conditions of the original contract, except that any claim for extension of time caused thereby shall be adjusted at the time of ordering such change.
- b) Bulletins: From time to time during progress of the work, the city may issue a bulletin which interprets the contract documents or order minor changes in the work without change in contract sum or contract time.
  - i) Issuance of a bulletin is not to be considered a change order authorizing additional work or affecting project time table. Such changes require a proposal, review, and if approved, a change order.
- c) Should the contractor consider that a change in the specified work, the contract sum or contract time is required, he shall initiate a change order and submit to the Project Manager for documented approval before proceeding with the work.

19) CHANGE ORDERS

- a) Issuance of a statement, or verbal approval, is not to be considered a Change Order and is not authorization to proceed.
- b) Change orders will be numbered in sequence and dated.
- c) Approved Change Orders are required with any/all changes in, the specified work, the contract sum, the time for completion, or any combination thereof.
- d) Change orders will describe the change or changes, will refer to the bulletin(s) and proposal(s) involved, and will be signed by the city and the contractor prior to implementing the change.
- e) All Change Orders shall clearly identify the impact of cost and the effect on time required to perform the work associated with the proposal.
  - i) If the proposal is found to be satisfactory and in proper order, and both parties agree upon cost or credit for the change, the city will authorize the documented Change Order which will be confirmed via contract amendment.
  - ii) Additional requests for additional costs and/or extensions of time for previously proposed and accepted items will NOT be granted after initial acceptance.
- f) The contractor will take measures to ensure contractors and sub-contractor's staff is familiar with the procedures for processing change orders.

20) PAYMENT

- a) Authorization of payment requires receipt of contractor's invoice, acceptance of product/services and receipt of other required paperwork such as: certificate of origin, MSDS, Waivers and Liens, Certified Payroll (if applicable).
- b) Retainage in the amount of ten percent (10%) of a payment request will be deducted from the amount determined for the first fifty percent (50%) of the project for major projects. Retainage will be held until:
  - i) All defective work has been remedied.
  - ii) All work is 100% final and the City's project manager has formally accepted the work.
  - iii) All waivers, liens, certified payrolls, warranty documents and other required documentation are provided.
  - iv) Or, if the work is fifty percent (50%) completed, satisfactory and on schedule, upon the discretion of the Project Manager. In such a case, the city will continue to retain no less than five percent (5%) of the total adjusted contract price.
  - v) Retainage will not apply to payments for Bonds and Mobilization.
- c) Payment will be:
  - i) made to the company awarded this order. Under no circumstances will a third party be reimbursed.
  - ii) Via the City's Purchasing Card Program, MasterCard, in which payment will occur at time of product or service delivery (preferred); or
  - iii) Via supplier generated invoice.
- d) The City complies with the Illinois Local Government Prompt Payment Act which states that any bill approved for payment shall be paid within 30 days after date of approval.

- i) Invoices must be submitted to the city within six months of order completion. Any invoices submitted in excess of six months from order completion will not be paid.

21) CONTRACTOR SERVICE ISSUES

- a) Recourse for non-compliant construction services shall be managed, in any order, via (a) Punch List, (b) Retainage and/or (c) Performance Bonds.

22) LIQUIDATED DAMAGES

- a) Delivery delays beyond the contract delivery date will result in added expense to the city. The city shall be paid damages for such delay. Because the amount of damage is extremely difficult to ascertain, the contractor agrees to compensate the city in the amount specified in the document entitled Special Terms and Conditions for Contracted Services in the section entitled Liquidated Damages.
- b) This amount shall be fixed as liquidated damages that the City will suffer because of such delay, and not as a penalty.
- c) The City shall have the right to deduct and retain the amount of such liquidated damages from any monies due the contractor.
- d) The contractor shall be entitled to a reasonable extension of time for unavoidable delay in delivery due to causes not reasonably foreseeable by the parties at the time of the contract execution, and that are entirely beyond the control and without the fault or negligence of the contractor, including, but not limited to, acts of god or the public enemy, war or other national emergency making delivery temporarily impossible or illegal, acts or omissions of other suppliers, strikes and labor disputes not brought on by any act or omission of the supplier, fire, flood, epidemics, quarantines, or freight embargoes.

23) PROCESS TO TERMINATE

- a) The service provider shall not be reimbursed until services are compliant.
- b) If services continue to remain non-compliant, Procurement will prepare a formal Letter of Warning addressing the contractor's Failure to Comply. Contract language states "The City may terminate this Agreement upon seven (7) days written notice to the Contractor."
- c) If contractor fails to achieve required results within stated timeframe, Procurement will terminate contract.
- d) The City shall have the right to terminate this Agreement, without cause, upon twenty-one (21) days written notice to the Contractor. The Contractor shall be paid for all work performed in conformance with the Agreement through the effective date of the not for cause termination.

**END OF GENERAL TERMS AND CONDITIONS FOR CONTRACTORS**

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## PARKING LOT IMPROVEMENT PROJECT

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### SPECIAL TERMS AND CONDITIONS FOR CONTRACTED SERVICES

#### 1. Background

The City of Wheaton is seeking bids from qualified contractors for parking lot rehabilitation project.

#### 2. Timeframe

- a. Bid posted on February 8, 2017
- b. Last Date for Questions: Wednesday, February 22, 2017 at 12:00 pm local time
- c. Bid Responses Due: Wednesday, March 1, 2017, prior to 11:00 am local time
- d. Bid Award: Within thirty (30) days of bid opening date
- e. Project Work to Commence: After May 1, 2017

#### 3. Liquidated Damages

- a. The City retains the right to demand liquidated damages if deadlines are not met.
- b. For this contract, the contractor agrees to compensate the City in the amount of \$500.00 per calendar day beyond the delivery date specified.
- c. Any extensions agreed to by executed Change Orders will be considered in the application of Liquidated Damages.

#### 4. Communications Plan

- a. The Contractor shall attend a pre-construction meeting with the City project engineer prior to commencement of any work.
- b. The successful bidder must submit the following for approval at, or before, the pre-construction meeting:
  - i. Certificates of Insurance, Endorsements, and a Waiver of Subrogation
  - ii. Payment and Performance Bond
  - iii. Project schedule, including anticipated completion date
  - iv. List of all essential project personnel with job title and experience listed

#### 5. Work Hours

- a. Monday – Friday 7:00am - 7:00pm (excluding City holidays) or with the approval of the Project Manager.
- b. The contractor shall notify the Project Manager at least 48 hours prior to initial start of operations, and prior to any temporary cessation and resumption of operations.

#### 6. Prevailing Wage

- a. Illinois Prevailing Wage Act 820 ILCS does apply.
- b. Certified Payroll is required with each invoice.

#### Waivers of Lien

- c. The first Application for Payment shall be accompanied by the General Contractor's partial waiver of lien, called Waiver of Lien to Date, for the full amount of payment due.
- d. Each subsequent Application for Payment shall be accompanied by the General Contractor's Waiver of Lien to Date, plus the partial waivers of lien of Labor, Subcontractors and Material Suppliers who were included in the immediately preceding Application for Payment to the extent of that payment.
- e. The final Application for Payment must be accompanied by the Final Waiver of Lien for the full amount of the Contract from the General Contractor, Labor, Subcontractors, and Material Suppliers, including those who have not previously furnished such final waivers.

#### 7. Bonds

- a. A Bid Bond / Bid Deposit is not required.
- b. A Payment and Performance Bond of one hundred ten percent (110%) of the full contract price is required for the faithful fulfillment of the contract; for the protection of the City from all liens and damages arising out of the work.

c. Bond Certificates must be submitted with the signed contract, i.e. no later than ten (10) days after receipt of the award document.

8. Insurance Requirements

Reference Contract Addendum 1.

9. Cost Structure

a. All of the work not specifically mentioned herein which is required to delivered the completed project as specified herein shall be included in the bid proposal.

10. Method of Payment: Partial payment based on progress.

Invoices

- a. A schedule of dates when pay requests must be submitted will be determined at the preconstruction meeting.
- b. All invoices must reflect the following applicable information: Contract Number, name of the Project, name of the Contractor, and the services/deliverables with the price depicted in the same format as the offer.
- c. Lien waivers must be submitted with each invoice.
- d. The City shall withhold 10% retainage from each payment due the Contractor. Contract retainage shall be released upon final completion of all work and receipt of all documentation as required by the contract.
- e. All invoices are mailed to the attention of the Project Engineer; City of Wheaton, PO Box 727, Wheaton, IL 60187.

Project Close Out

- f. Verification of quality and completion of service
- g. Completion of Punch List and all areas of non-compliance or incomplete tasks
- h. Review Liquidated Damages
- i. Review Retainage
- j. Final Payment: Prior to authorization of Final Payment, the following documents must be submitted:
  - i. Completed Waivers and Liens
  - ii. All Certified Payrolls
  - iii. Documented completion of the Punch List
  - iv. Statements of Warranty
  - v. Written approval of the City's Project Manager

**END OF SPECIAL TERMS AND CONDITIONS FOR CONTRACTED SERVICES**

INDEX  
FOR  
SUPPLEMENTAL SPECIFICATIONS  
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2017

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS, frequently used RECURRING SPECIAL PROVISIONS, and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS.

ERRATA Standard Specifications for Road and Bridge Construction  
(Adopted 4-1-16) (Revised 1-1-17)

SUPPLEMENTAL SPECIFICATIONS

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420	Portland Cement Concrete Pavement .....	3
502	Excavation for Structures .....	5
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670	Engineer's Field Office and Laboratory .....	14
704	Temporary Concrete Barrier .....	15
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1020	Portland Cement Concrete .....	22
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## Check Sheet for Recurring Special Provisions

Adopted January 1, 2017

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

### Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
1	<input type="checkbox"/> Additional State Requirements for Federal-Aid Construction Contracts	26
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)	29
3	<input type="checkbox"/> EEO	30
4	<input checked="" type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts	40
5	<input type="checkbox"/> Required Provisions - State Contracts	45
6	<input type="checkbox"/> Asbestos Bearing Pad Removal	51
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos Hot-Mix Asphalt Surface Removal	52
8	<input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads	53
9	<input type="checkbox"/> Construction Layout Stakes Except for Bridges	54
10	<input checked="" type="checkbox"/> Construction Layout Stakes	57
11	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing	60
12	<input type="checkbox"/> Subsealing of Concrete Pavements	62
13	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction	66
14	<input type="checkbox"/> Pavement and Shoulder Resurfacing	68
15	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal	69
16	<input type="checkbox"/> Polymer Concrete	70
17	<input type="checkbox"/> PVC Pipeliner	72
18	<input type="checkbox"/> Bicycle Racks	73
19	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals	75
20	<input type="checkbox"/> Work Zone Public Information Signs	77
21	<input type="checkbox"/> Nighttime Inspection of Roadway Lighting	78
22	<input type="checkbox"/> English Substitution of Metric Bolts	79
23	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete	80
24	<input checked="" type="checkbox"/> Quality Control of Concrete Mixtures at the Plant	81
25	<input checked="" type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures	89
26	<input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations	105
27	<input type="checkbox"/> Reserved	107
28	<input type="checkbox"/> Preventive Maintenance - Bituminous Surface Treatment	108
29	<input type="checkbox"/> Preventive Maintenance - Cape Seal	114
30	<input type="checkbox"/> Preventive Maintenance - Micro-Surfacing	129
31	<input type="checkbox"/> Preventive Maintenance - Slurry Seal	140
32	<input type="checkbox"/> Temporary Raised Pavement Markers	149
33	<input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam	150
34	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay	153

## **Check Sheet for Local Roads and Streets Recurring Special Provisions**

Adopted January 1, 2017

The following LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

### Local Roads And Streets Recurring Special Provisions

<u>Check Sheet #</u>		<u>Page No.</u>
LRS 1	<b>Reserved</b>	158
LRS 2	<input type="checkbox"/> Furnished Excavation	159
LRS 3	<input type="checkbox"/> Work Zone Traffic Control Surveillance	160
LRS 4	<input type="checkbox"/> Flaggers in Work Zones	161
LRS 5	<input type="checkbox"/> Contract Claims	162
LRS 6	<input type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals	163
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals	169
LRS 8	<b>Reserved</b>	175
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments	176
LRS 10	<b>Reserved</b>	177
LRS 11	<input type="checkbox"/> Employment Practices	150
LRS 12	<input type="checkbox"/> Wages of Employees on Public Works	152
LRS 13	<input type="checkbox"/> Selection of Labor	154
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks	155
LRS 15	<input type="checkbox"/> Partial Payments	158
LRS 16	<input type="checkbox"/> Protests on Local Lettings	159
LRS 17	<input type="checkbox"/> Substance Abuse Prevention Program	160
LRS 18	<input type="checkbox"/> Multigrade Cold Mix Asphalt	161

**BDE SPECIAL PROVISIONS**  
For the January 20 and March 10, 2017 Lettings

The following special provisions indicated by an "x" are applicable to this contract and will be included by the Project Development and Implementation Section of the BD&E. An \* indicates a new or revised special provision for the letting.

<u>File Name</u>	<u>#</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80099	1	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2014
80274	2	Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
80192	3	Automated Flagger Assistance Device	Jan. 1, 2008	
80173	4	Bituminous Materials Cost Adjustments	Nov. 2, 2006	July 1, 2015
80241	5	Bridge Demolition Debris	July 1, 2009	
50261	6	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50481	7	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50491	8	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50531	9	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
80366	10	Butt Joints	July 1, 2016	
80198	11	Completion Date (via calendar days)	April 1, 2008	
80199	12	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80293	13	Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
80311	14	Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
80277	15	Concrete Mix Design – Department Provided	Jan. 1, 2012	April 1, 2016
80261	16	Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
80029	17	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	July 2, 2016
* 80378	18	Dowel Bar Inserter	Jan. 1, 2017	
80229	19	Fuel Cost Adjustment	April 1, 2009	July 1, 2015
80304	20	Grooving for Recessed Pavement Markings	Nov. 1, 2012	Aug. 1, 2014
80246	21	Hot-Mix Asphalt – Density Testing of Longitudinal Joints	Jan. 1, 2010	April 1, 2016
80347	22	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	April 1, 2016
80376	23	Hot-Mix Asphalt – Tack Coat	Nov. 1, 2016	
80367	24	Light Poles	July 1, 2016	
80368	25	Light Tower	July 1, 2016	
80336	26	Longitudinal Joint and Crack Patching	April 1, 2014	April 1, 2016
80369	27	Mast Arm Assembly and Pole	July 1, 2016	
80045	28	Material Transfer Device	June 15, 1999	Aug. 1, 2014
80165	29	Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
80349	30	Pavement Marking Blackout Tape	Nov. 1, 2014	April 1, 2016
80371	31	Pavement Marking Removal	July 1, 2016	
80298	32	Pavement Marking Tape Type IV	April 1, 2012	April 1, 2016
80377	33	Portable Changeable Message Signs	Nov. 1, 2016	
* 80359	34	Portland Cement Concrete Bridge Deck Curing	April 1, 2015	Jan. 1, 2017
80338	35	Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching	April 1, 2014	April 1, 2016
80300	36	Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
80328	37	Progress Payments	Nov. 2, 2013	
34261	38	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	39	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
80306	40	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	April 1, 2016
* 80340	41	Speed Display Trailer	April 2, 2014	Jan. 1, 2017
80127	42	Steel Cost Adjustment	April 2, 2004	July 1, 2015
* 80379	43	Steel Plate Beam Guardrail	Jan. 1, 2017	

<u>File</u>	<u>#</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
<u>Name</u>				
80317	44	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	April 1, 2016
20338	45	Training Special Provisions	Oct. 15, 1975	
80318	46	Traversable Pipe Grate	Jan. 1, 2013	April 1, 2014
*	80381	Traffic Barrier Terminal, Type 1 Special	Jan. 1, 2017	
*	80380	Tubular Markers	Jan. 1, 2017	
80288	49	Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
80302	50	Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
80289	51	Wet Reflective Thermoplastic Pavement Marking	Jan. 1, 2012	
80071	52	Working Days	Jan. 1, 2002	

The following special provisions are in the 2017 Supplemental Specifications and Recurring Special Provisions.

<u>File</u>	<u>Special Provision Title</u>	<u>New Location</u>	<u>Effective</u>	<u>Revised</u>
<u>Name</u>				
80360	Coarse Aggregate Quality	Article 1004.01	July 1, 2015	
80363	Engineer's Field Office	Article 670.07	April 1, 2016	
80358	Equal Employment Opportunity	Recurring CS #1 and #5	April 1, 2015	
80364	Errata for the 2016 Standard Specifications	Supplemental	April 1, 2016	
80342	Mechanical Side Tie Bar Inserter	Articles 420.03, 420.05, and 1103.19	Aug. 1, 2014	April 1, 2016
80370	Mechanical Splicers	Article 1006.10	July 1, 2016	
80361	Overhead Sign Structures Certification of Metal Fabricator	Article 106.08	Nov. 1, 2015	April 1, 2016
80365	Pedestrian Push-Button	Article 888.03	April 1, 2016	
80353	Portland Cement Concrete Inlay or Overlay	Recurring CS #34	Jan. 1, 2015	April 1, 2016
80372	Preventive Maintenance – Bituminous Surface Treatment (A-1)	Recurring CS #28	Jan. 1, 2009	July 1, 2016
80373	Preventive Maintenance – Cape Seal	Recurring CS #29	Jan. 1, 2009	July 1, 2016
80374	Preventive Maintenance – Micro-Surfacing	Recurring CS #30	Jan. 1, 2009	July 1, 2016
80375	Preventive Maintenance – Slurry Seal	Recurring CS #31	Jan. 1, 2009	July 1, 2016
80362	Steel Slag in Trench Backfill	Articles 1003.01 and 1003.04	Jan. 1, 2016	
80355	Temporary Concrete Barrier	Articles 704.02, 704.04, 704.05, and 704.06	Jan. 1, 2015	July 1, 2015

The following special provisions require additional information from the designer. The additional information needs to be included in a separate document attached to this check sheet. The Project Development and Implementation section will then include the information in the applicable special provision. The Special Provisions are:

- Bridge Demolition Debris
- Building Removal-Case I
- Building Removal-Case II
- Building Removal-Case III
- Building Removal-Case IV
- Completion Date
- Completion Date Plus Working Days
- DBE Participation
- Material Transfer Device
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

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## SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction" adopted April 1, 2016, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of the Parking Lot Improvement Project for Municipal Lots 2 and 7, and in case of conflict with any part, or parts of said Specifications, the said Special Provisions shall take precedence and shall govern. For these Special Provisions, the City of Wheaton shall be defined as "The Owner".

### **LOCATION OF IMPROVEMENT**

The project includes two parking lots within the City of Wheaton, Illinois. Parking lot 2 is located on Wesley Street west of Main Street. Parking lot 7 is located at the southeast corner of Williston Street and Crescent Street.

### **DESCRIPTION OF IMPROVEMENT**

The project consists of HMA surface removal and replacement, HMA pavement patching, curb and gutter removal and replacement, sidewalk removal and replacement, concrete driveway pavement removal and replacement, drainage improvements, structure adjustments, and restriping of parking stalls.

### **COMPLETION DATE**

The contractor shall complete all work on or before the completion date of the contract which is based upon 30 calendar days.

The completion date will be determined by adding the specified number of calendar days to the date the Contractor begins work, or to the date ten days after execution of the contract, whichever is earlier, unless a delayed start date is approved by the Owner.

Once the contractor closes a parking lot to the public and begins construction, the parking lot must be open to public use within 21 calendar days.

### **CONSTRUCTION LAYOUT**

The Contractor is responsible for construction layout in accordance with Check Sheet No. 10 Construction Layout Stakes of the Recurring Special Provisions. In addition, the Contractor is responsible for ensuring that the finished parking lot detention volume after improvements is unchanged from the existing detention volume for both Parking Lots 2 and 7.

The Contractor shall demonstrate that the volume is unchanged by means of surveying both parking lots in their entirety in a 10' x 10' grid pattern before and after construction. Each survey point shall be taken at the same location and have a tolerance of 0.02' (1/4").

The Contractor is responsible for providing the before and after survey to the City of Wheaton for review. After review of the final as-built survey, the City will determine if there was any detention volume lost. At the City of Wheaton's discretion, the Contractor will be required to make up any lost detention volume.

**Basis of Payment.** This work will be paid for at the contract unit price per LUMP SUM for CONSTRUCTION LAYOUT, which price shall include all labor, equipment, and materials necessary to complete the work as specified herein.

### **STORM SEWERS TO BE CLEANED**

All existing storm sewers, manholes, catch basins and inlets shall be considered as storm sewers insofar as the interpretation of this Special Provision is concerned. When specified for payment, the location of storm sewers to be cleaned will be shown on the plans or as directed by the Owner.

All existing drainage structures which are to be adjusted or reconstructed shall be cleaned per Article 602.15 of the Standard Specifications. This work will be paid for per accordance with Article 602.16 of the Standard Specifications.

All other existing drainage structures which are specified to be cleaned on the plans will be cleaned per Article 602.15 of the Standard Specifications. The contractor shall remove all debris that is restricting flow through the existing storm sewer by means of jetting, rodding, or method approved by the Owner. The contractor shall dispose of all material offsite.

**Basis of Payment.** This work will be paid for at the contract unit price per FOOT for STORM SEWERS TO BE CLEANED, which price shall include all labor, equipment, and materials necessary to complete the work as shown on the plans and as specified herein.

### **PAINT CURB**

This work shall consist of painting the existing or proposed curb at the locations shown on the plans or as directed by the Owner.

Paint shall be blue. The entire vertical face of the curb shall be painted. The top of curb shall be painted a minimum of 6 inches wide from the vertical face of the curb.

Materials shall be in accordance with the applicable portions of Article 1095.02 of the Standard Specifications.

This work shall be measured for payment per linear foot as measured along the curb face.

**Basis of Payment.** This item will be paid for at the contract unit price per FOOT for PAINT CURB; which price shall include all labor, equipment, and materials necessary to complete the work as shown on the plans and as specified herein.

#### **CLASS D PATCHES, 5 INCH**

This work shall consist of performing Class D Patches, 5 Inch at locations shown on the plans or as directed by the Owner. The new patches shall consist of 3" HMA Binder Course and 2" of HMA Surface Course.

At locations where the existing HMA pavement is less than 5 inches thick, the contractor shall excavate and dispose of the existing aggregate base to a depth of 5 inches below finish grade.

For Lot 2, the contractor shall excavate to an additional depth of 8" below the Class D Patch (13 inches below finish grade), place and compact 8 inches of aggregate base. The additional excavation will be paid for as EARTH EXCAVATION. The aggregate base will be paid for as Aggregate Base Course, Type B, 8".

For Lot 7, the contractor shall excavate to a depth of 5 inches below finish grade.

All work shall be in accordance with applicable portions of Section 442 PAVEMENT PATCHING of the Standard Specifications. Except Class D Patches will not be broken down by types.

**Basis of Payment.** This work will be paid for at the contract unit price per SQ YD for CLASS D PATCHES, 5 INCH; which price shall include all labor, equipment, and materials necessary to remove the existing pavement, excavate and dispose of existing aggregate base, place and compact the new HMA material.

#### **PARKING LOT SEALCOATING AND RE-STRIPING**

The contractor shall complete the following work one (1) year after project completion:

- Sealcoating Parking Lots 2 and 7
- Re-striping Parking Lots 2 and 7

#### **Sealcoating Parking Lots 2 and 7**

This work shall include all labor, material and equipment necessary to complete cleaning of the applicable surface area and applying a double course of emulsified asphalt seal coat, at locations marked by the Engineer in accordance with Section 403 of the Standard Specifications and as specified herein.

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The Contractor shall submit for approval, the manufacturer's specifications and application instructions for the material proposed for use at least seven (7) days prior to the start of any work.

The areas to be seal coated shall be free of dust, dirt, and all foreign material by sweeping, blowing, or flushing with water, or the combination of the three. The Contractor shall treat oil spots with Petroseal or approved equal.

**Materials:**

Emulsified Asphalt Seal Coat, GSB-88 Sealer/Binder, or approved equal, shall conform to the following requirements and installed per the manufacturer's recommendation:

1. Federal Specifications P-608.
2. The emulsified asphalt seal coat shall conform to ASTM D-244.
3. The Contractor will provide a certification with each emulsion delivery, indicating compliance with above requirements.
4. Water used, as diluents, shall be potable and free of excessive minerals and contaminants.

Sand aggregate shall be fused ferro-alumino-silicate of complex composition; free to clay and organic matter. Material shall be of a consistent chemistry and specific gravity to provide high breakdown resistance. Sand aggregate shall be chemically inert, fracture rough angular particles, Moh's Mineral Hardness Scale 6-7, black in appearance, and moisture free and non-absorbing.

The rejuvenating sealer/binder shall be applied using a standard bituminous distributor that is properly modified to apply the aggregate and sealer/dinger in a one continuous step operation. The equipment must be in good working order and contain no contaminates or diluents in the tank. Distributor bar tips must be clean, free of burrs, and adjusted for regulated flow rates and constant pressure for leaks and to ensure it is in working order prior to use. The sanding unit for application of sand must be permanently attached to the distributor truck. It is imperative that the sanding be done immediately upon application of the material to the asphaltic surface. Separate truck sanding operations will not be acceptable.

A double coat system shall be applied. Rate of application shall be determined by the texture, porosity, and age of the asphalt to be sealed. The rate of application can vary from 0.10 to 0.18 gallons per square yard. The average rate will generally be from 0.12 to 0.15 gallons per square yard. The optimum application rate shall be determined by the Engineer.

The sealer/binder shall not be applied to wet or damp pavement surfaces. Do not apply during rainy or damp weather, or when rain is anticipated within four to eight hours after application is completed in its entirety. Pavement surface temperatures shall be a minimum of 40 degrees Fahrenheit and rising.

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Under normal conditions, cure time for rejuvenating sealer/binder is two to eight hours. Sheltered or shady areas may require longer cure times. Traffic control shall be maintained until material is fully cured.

Under no circumstances shall Emulsified Coal Tar be used.

### **Re-striping Parking Lots 2 and 7**

Once the sealcoating has cured and is dry to the touch, the contractor shall re-stripe both parking lots 2 and 7. All pavement marking shall be paint and all work shall be in accordance with applicable portions of Section 780 PAVEMENT STRIPING of the Standard Specifications.

**Basis of Payment.** The sealcoating and re-striping of Parking Lots 2 and 7 will not be paid for separately but shall be considered included in the cost of the project.

### **TRENCH BACKFILL**

Any Trench Backfill required on this project will not be paid for separately but shall be considered included in the cost of the item of work that requires trench backfill.

### **RECYCLED MATERIAL**

The use of Recycled Asphalt Shingles (RAS) will not be allowed on this project.

### **FRiction AGGREGATE (D-1)**

Effective: January 1, 2011

Revised: April 29, 2016

Revise Article 1004.03(a) of the Standard Specifications to read:

**“1004.03 Coarse Aggregate for Hot-Mix Asphalt (HMA).** The aggregate shall be according to Article 1004.01 and the following.

(a) Description. The coarse aggregate for HMA shall be according to the following table.

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Use	Mixture	Aggregates Allowed
Class A	Seal or Cover	<u>Allowed Alone or in Combination</u> <sup>5/</sup> : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag Crushed Concrete
HMA Low ESAL	Stabilized Subbase or Shoulders	<u>Allowed Alone or in Combination</u> <sup>5/</sup> : Gravel Crushed Gravel Carbonate Crushed Stone Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag <sup>1/</sup> Crushed Concrete
HMA High ESAL Low ESAL	Binder IL-19.0 or IL-19.0L  SMA Binder	<u>Allowed Alone or in Combination</u> <sup>5/ 6/</sup> : Crushed Gravel Carbonate Crushed Stone <sup>2/</sup> Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Concrete <sup>3/</sup>
HMA High ESAL Low ESAL	C Surface and Leveling Binder IL-9.5 or IL-9.5L  SMA Ndesign 50 Surface	<u>Allowed Alone or in Combination</u> <sup>5/</sup> : Crushed Gravel Carbonate Crushed Stone <sup>2/</sup> Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag <sup>4/</sup> Crushed Concrete <sup>3/</sup>
HMA High ESAL	D Surface and Leveling Binder IL-9.5  SMA Ndesign 50 Surface	<u>Allowed Alone or in Combination</u> <sup>5/</sup> : Crushed Gravel Carbonate Crushed Stone (other than Limestone) <sup>2/</sup> Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag <sup>4/</sup> Crushed Concrete <sup>3/</sup>

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Use	Mixture	Aggregates Allowed	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		25% Limestone	Dolomite
		50% Limestone	Any Mixture D aggregate other than Dolomite
		75% Limestone	Crushed Slag (ACBF) or Crushed Sandstone
HMA High ESAL	E Surface IL-9.5  SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination<sup>5/6/</sup>:</u>  Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag  No Limestone.	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Dolomite <sup>2/</sup>	Any Mixture E aggregate
		75% Dolomite <sup>2/</sup>	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone
		75% Crushed Gravel <sup>2/</sup> or Crushed Concrete <sup>3/</sup>	Crushed Sandstone, Crystalline Crushed Stone, Crushed Slag (ACBF), or Crushed Steel Slag
HMA High ESAL	F Surface IL-9.5  SMA Ndesign 80 Surface	<u>Allowed Alone or in Combination<sup>5/6/</sup>:</u>  Crystalline Crushed Stone Crushed Sandstone Crushed Slag (ACBF) Crushed Steel Slag No Limestone.	

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Use	Mixture	Aggregates Allowed	
		<u>Other Combinations Allowed:</u>	
		<i>Up to...</i>	<i>With...</i>
		50% Crushed Gravel <sup>2/</sup> , Crushed Concrete <sup>3/</sup> , or Dolomite <sup>2/</sup>	Crushed Sandstone, Crushed Slag (ACBF), Crushed Steel Slag, or Crystalline Crushed Stone

- 1/ Crushed steel slag allowed in shoulder surface only.
- 2/ Carbonate crushed stone (limestone) and/or crushed gravel shall not be used in SMA Ndesign 80. In SMA Ndesign 50, carbonate crushed stone shall not be blended with any of the other aggregates allowed alone in Ndesign 50 SMA binder or Ndesign 50 SMA surface.
- 3/ Crushed concrete will not be permitted in SMA mixes.
- 4/ Crushed steel slag shall not be used as leveling binder.
- 5/ When combinations of aggregates are used, the blend percent measurements shall be by volume.”
- 6/ Combining different types of aggregate will not be permitted in SMA Ndesign 80.”

## HOT-MIX ASPHALT - DENSITY TESTING OF LONGITUDINAL JOINTS (BDE)

Effective: January 1, 2010

Revised: April 1, 2016

Description. This work shall consist of testing the density of longitudinal joints as part of the quality control/quality assurance (QC/QA) of hot-mix asphalt (HMA). Work shall be according to Section 1030 of the Standard Specifications except as follows.

Quality Control/Quality Assurance (QC/QA). Delete the second and third sentence of the third paragraph of Article 1030.05(d)(3) of the Standard Specifications.

Add the following paragraphs to the end of Article 1030.05(d)(3) of the Standard Specifications:

"Longitudinal joint density testing shall be performed at each random density test location. Longitudinal joint testing shall be located at a distance equal to the lift thickness or a minimum of 4 in. (100 mm), from each pavement edge. (i.e. for a 5 in. (125 mm) lift the near edge of the density gauge or core barrel shall be within 5 in. (125 mm) from the edge of pavement.) Longitudinal joint density testing shall be performed using either a correlated nuclear gauge or cores.

- a. Confined Edge. Each confined edge density shall be represented by a one-minute nuclear density reading or a core density and shall be included in the average of density readings or core densities taken across the mat which represents the Individual Test.
- b. Unconfined Edge. Each unconfined edge joint density shall be represented by an average of three one-minute density readings or a single core density at the given density test location and shall meet the density requirements specified herein. The three one-minute readings shall be spaced 10 ft (3 m) apart longitudinally along the unconfined pavement edge and centered at the random density test location."

Revise the Density Control Limits table in Article 1030.05(d)(4) of the Standard Specifications to read:

"Mixture Composition	Parameter	Individual Test (includes confined edges)	Unconfined Edge Joint Density Minimum
IL-4.75	$N_{design} = 50$	93.0 – 97.4% <sup>1/</sup>	91.0%
IL-9.5	$N_{design} = 90$	92.0 – 96.0%	90.0%
IL-9.5,IL-9.5L	$N_{design} < 90$	92.5 – 97.4%	90.0%
IL-19.0	$N_{design} = 90$	93.0 – 96.0%	90.0%
IL-19.0, IL-19.0L	$N_{design} < 90$	93.0 <sup>2/</sup> – 97.4%	90.0%
SMA	$N_{design} = 50 \& 80$	93.5 – 97.4%	91.0%"

## **HOT-MIX ASPHALT – TACK COAT (BDE)**

Effective: November 1, 2016

Revise Article 1032.06(a) of the Standard Specifications to read:

“(a) Anionic Emulsified Asphalt. Anionic emulsified asphalts shall be according to AASHTO M 140. SS-1h emulsions used as a tack coat shall have the cement mixing test waived.”

80376



## ***Construction & Geotechnical Material Testing, Inc.***

**60 Martin Lane, Elk Grove Village, Illinois 60007  
Telephone (630) 595-1111 ♦ Fax (630) 595-1110**

October 31, 2016

Mr. Erik Melchers, E.I.T, Project Engineer  
City of Wheaton Department of Engineering  
303 W. Wesley Street  
Wheaton, Illinois 60187

**RE: Report of Subsurface Exploration and Geotechnical Engineering Services, Proposed Parking  
Lot #2, Wesley Street and Main Street  
Wheaton, Illinois  
CGMT Project No. 16G0256**

Dear Mr. Melchers,

CGMT was requested to perform subsurface exploration and geotechnical engineering services for the proposed parking lot to be located at Lot #2 located southwest of the intersection of Wesley and Main Streets in Wheaton, Illinois. This report describes the subsurface exploration procedures, laboratory testing, and geotechnical recommendations for project construction. A Boring Location Plan is included in the Appendix of this report along with the Boring Logs performed for the exploration.

The existing parking lot is in relatively fair to poor condition. Site pavements are subject to, in general, relatively light passenger vehicle traffic. The existing site pavements are slated for isolated patching, but other rehabilitation options are being considered.

A total of two (2) soil borings, B-1 and B-2, extended to depths of approximately 10 feet were located in the vicinity of the proposed parking lot. The results of the soil borings, along with a Boring Location Plan showing the approximate locations where the borings were performed, are included in the Appendix of this report.

### **Exploration Procedures**

The soil borings were located in the field by a CGMT Field Engineer based on the proposed boring site plan provided to us. As required by the State of Illinois, the driller notified Illinois One-Call System, JULIE, to verify underground utilities in the vicinity of the project site prior to drilling operations.

The soil borings were performed with a truck-mounted rotary-type auger drill rig, which utilized continuous hollow stem augers to advance the boreholes. Representative soil samples were obtained at 2½ foot intervals for the first 10 feet and 5 foot intervals thereafter by means of conventional split-barrel sampling procedures.

Representative soil samples were selected and tested in our laboratory to check field classifications and to determine pertinent engineering properties. The laboratory testing program included visual classifications and unconfined compressive strength and moisture content determinations.

### **Site and Subsurface Conditions**

The pavement at the parking lot appeared to be in fair to rough condition with cracks along joints and along transverse and random orientations. Relatively isolated areas of alligator cracking were also present.

Approximately 4 to 4½ inches of asphalt pavement underlain by 3 to 4 inches of aggregate base course was encountered at the ground surface at the boring locations. The pavement materials were underlain by stiff, brown and dark brown



clay loam fill that extended to depths of approximately 2½ to 4½ feet below the existing ground surface. The fill materials were underlain by natural, brown to gray, very stiff to hard clay soils that extend to the boring termination depth of approximately 10 feet below existing grade. Groundwater seepage was not encountered in either of the borings either during drilling or immediately after the completion of drilling.

### **Pavement Rehabilitation and Reconstruction**

The pavement rehabilitation methods that could be considered would include:

- Complete reconstruction of aggregate base and pavement.
- Removal and replacement of asphalt layers in conjunction with subbase repairs, as needed.
- Grind and overlay existing pavements, with replacing patches of severely disturbed areas.

A complete reconstruction program of the pavements would likely be the most expensive alternative, but would provide higher confidence of the subgrade and base course materials. The partial reconstruction options would probably be suitable for most pavements particularly, where a thicker granular base course exists (8 inches or greater). However, the subgrade or base course conditions that could be the cause of the current pavement distress might not be revealed or corrected, which could result in future distress of the new asphalt layers. A survey and rating system of the current pavement could be performed to assist in evaluating the repair alternatives.

A partial reconstruction option would involve leaving portions of the existing stone subbase in-place and replacing the asphalt binder and surface courses. Complete reconstruction would consist of removing the entire existing pavement section down to the soil subgrade. Considering the soil subgrade below the pavement exhibited reasonable moisture contents, densities and strength, it is likely that the pavement section has nearly reached or exceeded its service life.

In general, the pavements were in relatively fair condition and based on the visual pavement distress and the field and laboratory test results, the complete reconstruction of the parking area pavements may be unnecessary. CGMT considers a grind and overlay program with isolated pavement patching or a partial reconstruction program including removal of the asphalt layers and repair of the subbase may be appropriate methods for pavement rehabilitation.

### **Subgrade Preparation Recommendations for Complete Reconstruction**

Subgrade preparation for complete reconstruction should be initiated by removing the existing asphalt pavement, along with the underlying stone base course. Although not encountered at the boring locations, any topsoil and/or soft layers encountered immediately below the base course, should also be stripped from the pavement subgrade at this time. The existing granular base course should be evaluated at the time of construction to determine whether these materials could be stockpiled for reuse. Care would be needed during stockpiling of the granular materials to avoid contaminating the material with underlying clays.

Following the removal of the existing pavement section and removal of any visibly unsuitable materials, such as utility trench fill, the exposed soil subgrade should be closely observed and proofrolled. The proofrolling should be performed using a fully loaded tandem axle dump truck or other equipment providing an equivalent subgrade loading. A minimum gross weight of 25 tons is recommended for the proofrolling equipment.

Proofrolling will aid in providing a firm base for compaction of new fill or subbase materials and in delineating soft or unstable subgrade conditions. Soft or unstable subgrades identified by proofrolling should be scarified in-place, moisture conditioned as necessary, and recompacted as recommended below. If adequate stability cannot be achieved through scarification and recompaction, or project schedules or weather conditions do not allow scarification and recompaction, the unstable material should be undercut and replaced with suitable engineered fill. Although the borings



did not suggest that extensive areas of undercutting would be required, subgrade conditions between borings and core holes could vary and some contingency for undercutting should be provided in the contract documents.

Where required undercuts are less than about 1 foot in depth, IDOT Gradation CA-6 granular fill materials or stockpiled granular base material should be used to backfill the undercut. Where undercuts exceed about 1 foot, consideration could be given to backfilling the undercuts with an approved coarse crushed stone. However, these coarser materials should be "choked off" with a minimum 6-inch thickness of CA-6. The use of geotextile or geogrid materials to separate and reinforce the engineered fill could also be considered. Geotextiles can often provide some savings by reducing the required depths of cut and subsequent fill volumes. If undercut depths exceed about 1.5 to 2 feet, consideration should be given to using geotextiles.

We should note that the use of granular soils as undercut backfill can create localized areas for water to collect below pavements, which can contribute to subgrade saturation, pumping and frost heave. If conditions warrant such undercuts and granular backfill, it may also be necessary to provide an outlet, such as a gravel filled trench extended to a catch basin or sewer trench backfill, to drain the zone of granular fill.

Some of the near surface soils encountered in the borings had somewhat high moisture contents, and sand or silt layers will likely be encountered near the ground surface. These soil types could be encountered in isolated to relatively broad areas during grading. Instability and disturbance of these soil types could occur during construction, particularly if wetted by surface water or seepage. These soils may exhibit a relatively firm/stable condition upon initial exposure at the subgrade level. However, repetitive construction traffic and/or wetting will deteriorate the strength of these soils. It is likely that portions of the road subgrades could become unstable during proofrolling and construction operations and some means of subgrade stabilization may be required to facilitate construction.

Representatives of CGMT should be present on an on-going basis to perform observations and testing during the preparation of the pavement areas.

### **Subgrade Preparation Recommendations for Partial Reconstruction**

Site preparation for a partial pavement reconstruction would involve the primary steps outlined above, with the exception of removing only a portion of the existing aggregate base course. The amount of base course to be removed would be dependent upon the pavement section thickness used to reconstruct the roadway (see next section of report).

Any aggregate base course which is disturbed during the removal process should be recompacted. After excavating to grade and recompacting as necessary, the proofrolling and undercutting procedures outlined earlier should be performed.

### **Milling and Overlay**

Milling and overlaying the existing asphalt pavement for pavement rehabilitation could also be considered. Areas of alligator cracking or rutting would likely need to be removed and replaced with a thicker section of new asphalt. Following the milling operation, cracks in the exposed asphalt pavement should be sealed and a crack resistant fabric should be placed over the existing milled asphalt surface prior to the placing the overlay.

Milling over thin sections of existing asphalt pavement (less than 3 or 4 inches) may not be feasible since existing cracks probably extend completely through the existing asphalt pavement and may cause the pavement break up during milling. Therefore, a combination of asphalt pavement removal would probably need to be performed in conjunction with any mill and overlay program.



The planned thickness of new overlay could exceed the practical depth of milling (particularly where existing pavements are thin). The asphalt overlay could extend above the flow line along existing curb and gutter in some areas or additional milling would probably need to be performed around existing manhole structures and curbs to match existing elevations.

### Pavements

We anticipate the new pavement will be of asphaltic concrete or Portland cement concrete. We expect that the proposed parking lot will generally be utilized for light duty traffic, and the driveways and loading and unloading areas be utilized for light to medium duty traffic. Heavy traffic loads would be anticipated for areas near any dumpsters where garbage trucks would often cross. We recommend the pavement subjected to light traffic be underlain by a minimum of 8 inches of base course granular material, similar to Illinois Department of Transportation gradation CA-6.

Assuming the pavement subgrade will consist predominantly of the cohesive soils and new fill prepared in accordance with the recommendations given in this report, an estimated IBR value of 2 could be used in proportioning a flexible pavement section. Similarly, an estimated modulus of subgrade reaction value equal to 100 pounds per cubic inch could be used for design of rigid concrete pavement sections. A Subgrade Stability Rating (SSR) rating of (Poor) should be used for pavement design. Concrete pavements should be air-entrained Portland cement concrete with a minimum compressive strength of 4,000 psi and a minimum flexural strength of 650 psi. Concrete strength requirements are outlined in article 1020.04 of the Standard Specifications for Road and Bridge Construction, effective April 1, 2016.

Some typical pavement sections used in this region of the country are given below which could be considered for preliminary estimating purposes. Other sections can also be considered. These sections assume a low volume of light vehicle loads (automobiles, vans, pickups, etc.). They should also be considered minimum thicknesses, and, as such, periodic maintenance should be anticipated. Final design sections should consider details such as final grades, traffic loadings, traffic volumes, the desired design life and any local, county or city codes. If you wish, we would be pleased to perform a detailed pavement section design using AASHTO or Asphalt Institute procedures when this information is available. It should also be noted that these sections do not consider if the binder course will be subject to construction vehicle traffic for an extended period of time. Some distress to the binder course and aggregate base could occur, if this is the case.

#### **TYPICAL PAVEMENT SECTIONS\***

	Light Duty (Parking Lots)	Heavy Duty ** (Drives)
Portland Cement Concrete	5 inches	6 inches
Full Depth Asphalt	5.5 inches	7 inches
Combined Section:		
Asphalt	3 inches	4 inches
Crushed Stone Base	8 inches	10 inches
Course		

\* All materials should meet the current Illinois Department of Transportation Standard Specifications for Road and Bridge Construction requirements.

\*\* In areas of anticipated heavy traffic, delivery trucks, or concentrated loads, a minimum concrete thickness of 7 inches is recommended but should be evaluated further when loading conditions are known.

Minimum design requirements for hot-mix asphalt (HMA) shall follow Article 1030.05 of the Standard Specifications for Road and Bridge Construction, effective April 1, 2016. During asphalt pavement construction, the wearing and leveling course should be compacted to a minimum of 93 percent of the theoretical density value. Prior to placing the granular



material, the pavement subgrade soil should be properly compacted, proofrolled, and free of standing water, mud, and frozen soil.

An important consideration with the design and construction of pavements is surface and subsurface drainage. Where standing water develops, either on the pavement surface or within the base course layer, softening of the subgrade and other problems related to the deterioration of the pavement can be expected. Furthermore, good drainage should reduce the possibility of the subgrade materials becoming saturated over a long period of time. We would be pleased to be of further assistance to you in the design of the project pavements by providing additional recommendations during construction of the project.

Periodic maintenance of pavements should be anticipated. The subgrade parameters provided in this report consider that significant changes in the subgrade moisture content do not occur. To reduce the potential for changes in subgrade moisture, all paved areas should be sloped to provide rapid drainage of surface water and to drain water away from the pavement edges. Water that is allowed to pond on or adjacent to the pavement can saturate and soften the subgrade soils and subsequently accelerate pavement deterioration.

Granular base or subbase materials directly below pavement sections can also collect infiltrated surface water and soften the subgrade as well as increase the effects of frost action, both of which can be detrimental to pavements. For these reasons, where granular materials are used over a cohesive soil subgrade or where the groundwater level is within 3.5 feet of finished pavement subgrade, we recommend that consideration be given to using pavement underdrains hydraulically connected to the granular base or subbase to improve the pavement performance and extend its service life. Underdrains should be installed at 300 to 500 feet intervals and at low points in the roadway profile. Pipe underdrains shall be installed according to Check Sheet #19 of the Supplemental Specifications and Recurring Special Provisions, effective January 1, 2015.

### **General**

We recommend that the construction activities be monitored by CGMT to provide the necessary overview and to check the suitability of the subgrade soils for supporting new utilities. Once final loads become available, CGMT must be contacted to review the recommendations presented herein.

This report has been prepared in order to aid in the evaluation of this property and to assist the architect and/or engineer in the design of this project. The scope is limited to the specific project and locations described herein and our description of the project represents our understanding of the significant aspects relative to soil characteristics. In the event that any change in the nature or location of the proposed construction outlined in this report are planned, we should be informed so that the changes can be reviewed and the conclusions of this report modified or approved in writing by the geotechnical engineer. It is recommended that all construction operations dealing with earthwork be reviewed by an experienced geotechnical engineer to provide information on which to base a decision as to whether the design requirements are fulfilled in the actual construction. If you wish, we would welcome the opportunity to provide field construction services for you during construction.

The analysis and recommendations submitted in this report are based upon the data obtained from the soil borings and tests performed at the locations as indicated on the Boring Location Plan and other information referenced in this report. This report does not reflect any variations, which may occur between the borings.



CGMT Project No. 16G0256  
Parking Lot #2  
Wheaton, Illinois  
Page 6

We appreciate this opportunity to be of service to the [company] during this phase of this project. If you have any questions with regard to the information and recommendations presented in this report, or if we can be of further assistance to you in any way during the planning or construction of this project, please do not hesitate to contact us.

Respectfully Submitted,

**CONSTRUCTION AND GEOTECHNICAL MATERIAL TESTING, INC.**

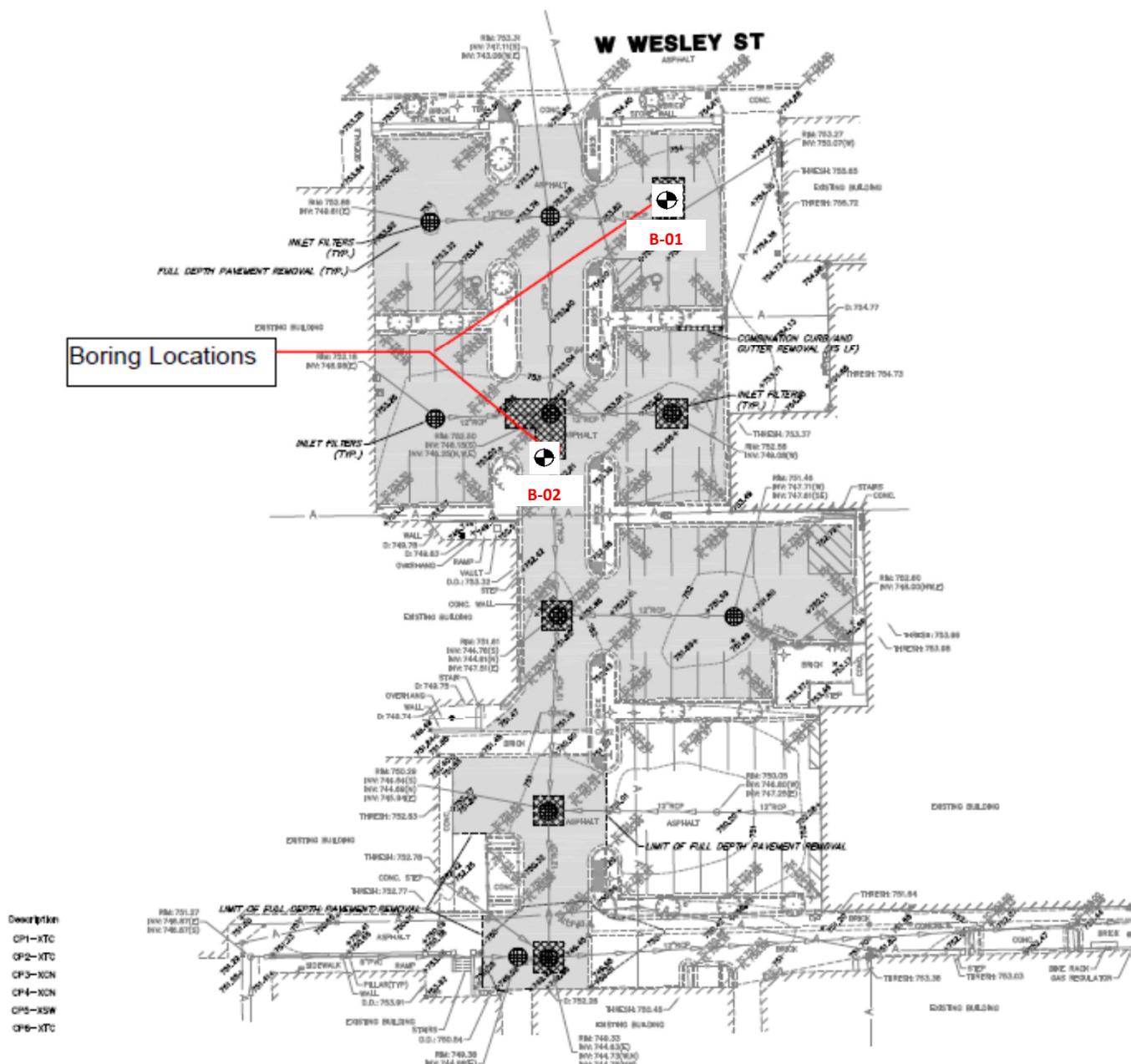
*Nicholas Wolff*

Nicholas P. Wolff, PE  
Geotechnical Engineer



*Pratik Patel*

Pratik K. Patel, PE  
Vice President



Drawing Not To Scale

### Soil Boring Location Diagram

### Parking Lot 2

SWC of Wesley Street and N. Main St.  
Wheaton, Illinois



### LEGEND



- Approximate Soil Boring Location



Project Manager	Project Number
P. Patel	16G0256
Date	Sheet Number
10/11/2016	Fig. 1

# Soil Boring Log



**Construction & Geotechnical Material Testing, Inc.**

60 Martin Lane, Elk Grove Village, Illinois 60007  
Telephone (630) 595-1111 • Fax (630) 595-1110

**Soil Boring Prepared for:**  
City of Wheaton Dept. of Engineering  
Mr. Erik Melchers, E.I.T., Project Engineer  
303 W. Wesley Street  
Wheaton, Illinois 60187

**B-01**

**Boring No.:**

Date: Tuesday, October 11, 2016

Project: Parking Lot #2

Wheaton, Illinois

Project No.: 16G0256

Boring Location: see location diagram

Logged By: LH

Ground Elevation:

Sheet 1 of 1

Elevation	Depth	Strata	Soil / Rock Description	Sample Type & No. Depth Interval (Ft) Recovery (in)	Blow Count	Moisture Content (%)	Unconfined Compressive Strength (TSF)	Notes & Test Results
	0.0		4" Asphalt Pavement 3" Aggregate Basecourse					Unconfined compressive strength of soil samples estimated using a calibrated penetrometer.  Dry densities: 1.0' - 2.5' = 90.5 lb/ft <sup>3</sup> 4.7 (B)  4.8 (B)
	1.0		Clay Loam, dark brown, stiff (A-6-FILL)	SS-1 1.0' - 2.5' 16" Recovery	1 2 3	29.9	1.0	
	2.0		Clay, brown to gray, hard (A-6)					
	3.0							
	4.0			SS-2 3.5' - 5.0' 18" Recovery	3 4 5	14.8	4.5+	
	5.0							
	6.0			SS-3 6.0' - 7.5' 18" Recovery	3 4 6	16.4	4.5+	
	7.0							
	8.0							
	9.0			SS-4 8.5' - 10.0' 18" Recovery	5 7 8	22.9	4.5+	
	10.0		END of BORING at 10 Feet					
	11.0							
	12.0							
	13.0							
	14.0							
	15.0							
	16.0							
	17.0							
	18.0							
	19.0							
	20.0							

**Drilling Contractor:** CGMT, Inc.

**Water Level (Ft.)**

**Drilling Method:** 4.25" O.D. H.S.A. Split Spoon Sampling

**During Drilling:** None

**Drilling Equipment:** CME-45C Truck Mounted Drill Rig

**Immediately After Drilling:** None

**REVIEWED BY:** PKP

# Soil Boring Log



**Construction & Geotechnical Material Testing, Inc.**

60 Martin Lane, Elk Grove Village, Illinois 60007  
Telephone (630) 595-1111 • Fax (630) 595-1110

**Soil Boring Prepared for:**  
City of Wheaton Dept. of Engineering  
Mr. Erik Melchers, E.I.T., Project Engineer  
303 W. Wesley Street  
Wheaton, Illinois 60187

**B-02**

**Boring No.:**

Date: Tuesday, October 11, 2016

Project: Parking Lot #2

Wheaton, Illinois

Project No.: 16G0256

Boring Location: see location diagram

Logged By: LH

Ground Elevation:

Sheet 1 of 1

Elevation	Depth	Strata	Soil / Rock Description	Sample Type & No. Depth Interval (Ft) Recovery (in)	Blow Count	Moisture Content (%)	Unconfined Compressive Strength (TSF)	Notes & Test Results
	0.0		4.5" Asphalt Pavement 4" Aggregate Basecourse					Unconfined compressive strength of soil samples estimated using a calibrated penetrometer.  8.5 (B)
	1.0		Clay Loam, brown to dark brown, stiff (A-6-FILL)	SS-1 1.0' - 2.5' 13" Recovery	3 4 5	18.8	2.5	
	2.0							
	3.0							
	4.0		Clay, brown to gray, very stiff to hard (A-6)	SS-2 3.5' - 5.0' 12" Recovery	11 8 9	19.2	3.0	
	5.0							
	6.0			SS-3 6.0' - 7.5' 18" Recovery	3 4 6	14.1	3.5	
	7.0							
	8.0							
	9.0			SS-4 8.5' - 10.0' 18" Recovery	4 5 6	19.7	4.5+	
	10.0		END of BORING at 10 Feet					
	11.0							
	12.0							
	13.0							
	14.0							
	15.0							
	16.0							
	17.0							
	18.0							
	19.0							
	20.0							
<b>Drilling Contractor:</b> CGMT, Inc.					<b>Water Level (Ft.)</b>			
<b>Drilling Method:</b> 4.25" O.D. H.S.A. Split Spoon Sampling					<b>During Drilling:</b> None			
<b>Drilling Equipment:</b> CME-45C Truck Mounted Drill Rig					<b>Immediately After Drilling:</b> None			
<b>REVIEWED BY:</b> PKP								

## REFERENCE NOTES FOR BORING LOGS

### I. Drilling and Sampling Symbols:

SS – Split Spoon Sampler  
ST – Shelby Tube Sampler  
RC – Rock Core: NX, BX, AX  
PM – Pressuremeter  
DC – Dutch Cone Penetrometer

RB – Rock Bit Drilling  
BS – Bulk Sample of Drilling  
PA – Power Auger (no sample)  
HSA – Hollow Stem Auger  
WS – Wash Sample

Standard Penetration (Blows/Ft) refers to the blows per foot of a 140 lb. hammer falling 30 inches on a 2 inch O.D. split spoon sampler, as specified in ASTM D-1586. The blow count is commonly referred to as the N-value.

### II. Correlation of Penetration Resistances to Soil Properties:

#### Relative Density-Sands, Silts

SPT – N	Relative Density
0 – 3	Very Loose
4 – 9	Loose
10 – 29	Medium Dense
30 – 49	Dense
50 – 80	Very Dense

#### Consistency of Cohesive Soils

Unconfined Compressive Strength, Qp, tsf	Consistency
under 0.25	Very Soft
0.25 – 0.49	Soft
0.50 – 0.99	Firm
1.00 – 1.99	Stiff
2.00 – 3.99	Very Stiff
4.00 – 8.00	Hard
over 8.00	Very Hard

### III. Unified Soil Classification Symbols:

GP	–	Poorly Graded Gravel
GW	–	Well Graded Gravel
GM	–	Silty Gravel
GC	–	Clayey Gravel
SP	–	Poorly Graded Sand
SW	–	Well Graded Sand
SM	–	Silty Sand
SC	–	Clayey Sand

ML	–	Low Plasticity Silt
MH	–	High Plasticity Silt
CL	–	Low Plasticity Clay
CH	–	High Plasticity Clay
OL	–	Low Plasticity Organic
OH	–	High Plasticity Organic
CL-ML	–	Dual Classification (Typical)

### IV. Water Level Measurement Symbol:

WL	–	Water Level
WS	–	While Sampling
WD	–	While Drilling

BCR	–	Before Casing Removal
ACR	–	After Casing Removal
WCI	–	Wet Cave In
DCI	–	Dry Cave In

The water levels are those water levels actually measured in the borehole at the times indicated by the symbol. The measurements are relatively reliable when augering, without adding fluids, in a granular soil. In clays and plastic silts, the accurate determination of water levels may require several days for the water level to stabilize. In such cases, additional methods of measurement are generally applied.



September 21, 2016

Mr. Erik Melchers, E.I.T, Project Engineer  
City of Wheaton Department of Engineering  
303 W. Wesley Street  
Wheaton, Illinois 60187

**RE: Parking Lot #7 Pavement Evaluation  
SEC of Crescent Street & Williston Street  
Wheaton, Illinois  
CGMT Project No. 16G0256**

Dear Mr. Mechters,

CGMT, Inc. has completed the subsurface exploration and geotechnical engineering analyses for the proposed parking lot #7 to be located at the southeast corner of Crescent Street and Williston Street, in Wheaton, Illinois. This report describes the subsurface exploration procedures, laboratory testing, and geotechnical recommendations for project construction. A Boring Location Plan is included in the Appendix of this report along with the Boring Logs performed for the exploration.

The existing parking lot is in relatively fair to poor condition. Site pavements are subject to, in general, relatively light passenger vehicle traffic. The existing site pavements are slated for isolated patching, but other rehabilitation options are being considered.

A total of two (2) soil borings, B-1 and B-2, extended to depths of approximately 10 to 15 feet were located in the vicinity of the proposed parking lot. The results of the soil borings, along with a Boring Location Plan showing the approximate locations where the borings were performed, are included in the Appendix of this report.

### **Exploration Procedures**

The soil borings were located in the field by a CGMT Field Engineer based on the proposed boring site plan provided to us. As required by the State of Illinois, the driller notified Illinois One-Call System, JULIE, to verify underground utilities in the vicinity of the project site prior to drilling operations.

The soil borings were performed with a truck-mounted rotary-type auger drill rig, which utilized continuous hollow stem augers to advance the boreholes. Representative soil samples were obtained at 2½ foot intervals for the first 10 feet and 5 foot intervals thereafter by means of conventional split-barrel sampling procedures.



Representative soil samples were selected and tested in our laboratory to check field classifications and to determine pertinent engineering properties. The laboratory testing program included visual classifications and unconfined compressive strength and moisture content determinations.

### **Site and Subsurface Conditions**

The pavement at the parking lot appeared to be in fair to rough condition with cracks along joints and along transverse and random orientations. Large areas of alligator cracking were also present.

Approximately 1 $\frac{3}{4}$  to 5 $\frac{1}{2}$  inches of asphalt pavement underlain by approximately 6 to 9 inches of aggregate base course was encountered at the ground surface at the boring locations. The surface materials were underlain by fill materials consisting of soft to stiff, brown, clay loam soils that extended to depths of approximately 3 $\frac{1}{2}$  to 4 feet below the existing ground surface. The existing fill was underlain by very soft to soft, black, dark gray, and dark brown topsoil and organic clay or very loose silt and organic silt that extended to depths of approximately 9 to 10 feet below grade, where very loose to loose, gray and brown silt and clayey sand was encountered and extended to the boring termination depth of approximately 15 feet.

During drilling, groundwater seepage was encountered in Boring B-2 at a depth of approximately 11 feet and at a depth of about 9 $\frac{1}{2}$  feet after Boring B-2 was completed. Groundwater was not encountered in Boring B-1 at either time.

### **Pavement Rehabilitation and Reconstruction**

The pavement rehabilitation methods that could be considered would include:

- Complete reconstruction of aggregate base and pavement.
- Removal and replacement of asphalt layers in conjunction with subbase repairs, as needed.
- Grind and overlay existing pavements, with replacing patches of severely disturbed areas.

Based on the observed condition of the roadways which include cracks including alligator cracking, complete removal of the asphaltic pavement and reconditioning the stone base followed by placement of new asphalt layers will probably be best suited. A complete reconstruction program of the pavements would likely be the most expensive alternative, but would provide higher confidence of the subgrade and base course materials. The partial reconstruction options would probably be suitable for most pavements particularly, where a thicker granular base course exists (8 inches or greater). However, the subgrade or base course conditions that could be the cause of the current pavement distress might not be revealed or corrected, which could result in future distress of the new asphalt layers. A survey and rating system of the current pavement could be performed to assist in evaluating the repair alternatives.



The existing pavements were underlain by relatively poor, organically laden soils to depths of approximately 9 to 10 feet. Complete removal of the organic soils would likely be cost prohibitive. If removal is necessary, a two-foot maximum undercut, underlain by a geotextile fabric separation layer, would probably provide a balance between building stability and economy.

A partial reconstruction option would involve leaving portions of the existing stone subbase in-place and replacing the asphalt binder and surface courses. Complete reconstruction would consist of removing the entire existing pavement section down to the soil subgrade. Considering the soil subgrade below the pavement exhibited reasonable moisture contents, densities and strength, it is likely that the pavement section has nearly reached or exceeded its service life.

### **Subgrade Preparation Recommendations for Complete Reconstruction**

Subgrade preparation for complete reconstruction should be initiated by removing the existing asphalt pavement, along with the underlying stone base course. Although not encountered at the boring locations, any topsoil and/or soft layers encountered immediately below the base course, should also be stripped from the pavement subgrade at this time. The existing granular base course should be evaluated at the time of construction to determine whether these materials could be stockpiled for reuse. Care would be needed during stockpiling of the granular materials to avoid contaminating the material with underlying clays.

Following the removal of the existing pavement section and removal of any visibly unsuitable materials, such as utility trench fill, the exposed soil subgrade should be closely observed and proofrolled. The proofrolling should be performed using a fully loaded tandem axle dump truck or other equipment providing an equivalent subgrade loading. A minimum gross weight of 25 tons is recommended for the proofrolling equipment.

Proofrolling will aid in providing a firm base for compaction of new fill or subbase materials and in delineating soft or unstable subgrade conditions. Soft or unstable subgrades identified by proofrolling should be scarified in-place, moisture conditioned as necessary, and recompacted as recommended below. If adequate stability cannot be achieved through scarification and recompaction, or project schedules or weather conditions do not allow scarification and recompaction, the unstable material should be undercut and replaced with suitable engineered fill. Although the borings did not suggest that extensive areas of undercutting would be required, subgrade conditions between borings and core holes could vary and some contingency for undercutting should be provided in the contract documents.

Where required undercuts are less than about 1 foot in depth, IDOT Gradation CA-6 granular fill materials or stockpiled granular base material should be used to backfill the undercut. Where undercuts exceed about 1 foot, consideration could be given to backfilling the undercuts with an approved coarse crushed stone. However, these coarser materials should be “choked off” with a



minimum 6-inch thickness of CA-6. The use of geotextile or geogrid materials to separate and reinforce the engineered fill could also be considered. Geotextiles can often provide some savings by reducing the required depths of cut and subsequent fill volumes. If undercut depths exceed about 1.5 to 2 feet, consideration should be given to using geotextiles.

We should note that the use of granular soils as undercut backfill can create localized areas for water to collect below pavements, which can contribute to subgrade saturation, pumping and frost heave. If conditions warrant such undercuts and granular backfill, it may also be necessary to provide an outlet, such as a gravel filled trench extended to a catch basin or sewer trench backfill, to drain the zone of granular fill.

Some of the near surface soils encountered in the borings had somewhat high moisture contents, and sand or silt layers will likely be encountered near the ground surface. These soil types could be encountered in isolated to relatively broad areas during grading. Instability and disturbance of these soil types could occur during construction, particularly if wetted by surface water or seepage. These soils may exhibit a relatively firm/stable condition upon initial exposure at the subgrade level. However, repetitive construction traffic and/or wetting will deteriorate the strength of these soils. It is likely that portions of the road subgrades could become unstable during proofrolling and construction operations and some means of subgrade stabilization may be required to facilitate construction.

Representatives of CGMT should be present on an on-going basis to perform observations and testing during the preparation of the pavement areas.

### **Subgrade Preparation Recommendations for Partial Reconstruction**

Site preparation for a partial pavement reconstruction would involve the primary steps outlined above, with the exception of removing only a portion of the existing aggregate base course. The amount of base course to be removed would be dependent upon the pavement section thickness used to reconstruct the roadway (see next section of report).

Any aggregate base course which is disturbed during the removal process should be recompacted. After excavating to grade and recompacting as necessary, the proofrolling and undercutting procedures outlined earlier should be performed.

### **Milling and Overlay**

Milling and overlaying the existing asphalt pavement for pavement rehabilitation could also be considered. Areas of alligator cracking or rutting would likely need to be removed and replaced with a thicker section of new asphalt. Following the milling operation, cracks in the exposed asphalt



pavement should be sealed and a crack resistant fabric should be placed over the existing milled asphalt surface prior to the placing the overlay.

Milling over thin sections of existing asphalt pavement (less than 3 or 4 inches) may not be feasible since existing cracks probably extend completely through the existing asphalt pavement and may cause the pavement break up during milling. Therefore, a combination of asphalt pavement removal would probably need to be performed in conjunction with any mill and overlay program.

The planned thickness of new overlay could exceed the practical depth of milling (particularly where existing pavements are thin). The asphalt overlay could extend above the flow line along existing curb and gutter in some areas or additional milling would probably need to be performed around existing manhole structures and curbs to match existing elevations.

### **Pavements**

We anticipate the new pavement will be of asphaltic concrete or Portland cement concrete. We expect that the proposed parking lot will generally be utilized for light duty traffic, and the driveways and loading and unloading areas be utilized for light to medium duty traffic. Heavy traffic loads would be anticipated for areas near any dumpsters where garbage trucks would often cross. We recommend the pavement subjected to light traffic be underlain by a minimum of 8 inches of base course granular material, similar to Illinois Department of Transportation gradation CA-6.

Assuming the pavement subgrade will consist predominantly of the cohesive soils and new fill prepared in accordance with the recommendations given in this report, an estimated IBR value of 2 could be used in proportioning a flexible pavement section. Similarly, an estimated modulus of subgrade reaction value equal to 100 pounds per cubic inch could be used for design of rigid concrete pavement sections. A Subgrade Stability Rating (SSR) rating of (Poor) should be used for pavement design. Concrete pavements should be air-entrained Portland cement concrete with a minimum compressive strength of 4,000 psi and a minimum flexural strength of 650 psi. Concrete strength requirements are outlined in article 1020.04 of the Standard Specifications for Road and Bridge Construction, effective April 1, 2016.

Some typical pavement sections used in this region of the country are given below which could be considered for preliminary estimating purposes. Other sections can also be considered. These sections assume a low volume of light vehicle loads (automobiles, vans, pickups, etc.). They should also be considered minimum thicknesses, and, as such, periodic maintenance should be anticipated. Final design sections should consider details such as final grades, traffic loadings, traffic volumes, the desired design life and any local, county or city codes. If you wish, we would be pleased to perform a detailed pavement section design using AASHTO or Asphalt Institute procedures when this information is available. It should also be noted that these sections do not consider if the



binder course will be subject to construction vehicle traffic for an extended period of time. Some distress to the binder course and aggregate base could occur, if this is the case.

**TYPICAL PAVEMENT SECTIONS\***

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\* All materials should meet the current Illinois Department of Transportation Standard Specifications for Road and Bridge Construction requirements.

\*\* In areas of anticipated heavy traffic, delivery trucks, or concentrated loads, a minimum concrete thickness of 7 inches is recommended but should be evaluated further when loading conditions are known.

Minimum design requirements for hot-mix asphalt (HMA) shall follow Article 1030.05 of the Standard Specifications for Road and Bridge Construction, effective April 1, 2016. During asphalt pavement construction, the wearing and leveling course should be compacted to a minimum of 93 percent of the theoretical density value. Prior to placing the granular material, the pavement subgrade soil should be properly compacted, proofrolled, and free of standing water, mud, and frozen soil.

An important consideration with the design and construction of pavements is surface and subsurface drainage. Where standing water develops, either on the pavement surface or within the base course layer, softening of the subgrade and other problems related to the deterioration of the pavement can be expected. Furthermore, good drainage should reduce the possibility of the subgrade materials becoming saturated over a long period of time. We would be pleased to be of further assistance to you in the design of the project pavements by providing additional recommendations during construction of the project.

Periodic maintenance of pavements should be anticipated. The subgrade parameters provided in this report consider that significant changes in the subgrade moisture content do not occur. To reduce the potential for changes in subgrade moisture, all paved areas should be sloped to provide rapid drainage of surface water and to drain water away from the pavement edges. Water that is allowed



to pond on or adjacent to the pavement can saturate and soften the subgrade soils and subsequently accelerate pavement deterioration.

Granular base or subbase materials directly below pavement sections can also collect infiltrated surface water and soften the subgrade as well as increase the effects of frost action, both of which can be detrimental to pavements. For these reasons, where granular materials are used over a cohesive soil subgrade or where the groundwater level is within 3.5 feet of finished pavement subgrade, we recommend that consideration be given to using pavement underdrains hydraulically connected to the granular base or subbase to improve the pavement performance and extend its service life. Underdrains should be installed at 300 to 500 feet intervals and at low points in the roadway profile. Pipe underdrains shall be installed according to Section 601 of the Standard Specification for Road and Bridge Construction, effective April 1, 2016

### **General**

We recommend that the construction activities be monitored by CGMT to provide the necessary overview and to check the suitability of the subgrade soils for supporting new utilities. Once final loads become available, CGMT must be contacted to review the recommendations presented herein.

This report has been prepared in order to aid in the evaluation of this property and to assist the architect and/or engineer in the design of this project. The scope is limited to the specific project and locations described herein and our description of the project represents our understanding of the significant aspects relative to soil characteristics. In the event that any change in the nature or location of the proposed construction outlined in this report are planned, we should be informed so that the changes can be reviewed and the conclusions of this report modified or approved in writing by the geotechnical engineer. It is recommended that all construction operations dealing with earthwork be reviewed by an experienced geotechnical engineer to provide information on which to base a decision as to whether the design requirements are fulfilled in the actual construction. If you wish, we would welcome the opportunity to provide field construction services for you during construction.

The analysis and recommendations submitted in this report are based upon the data obtained from the soil borings and tests performed at the locations as indicated on the Boring Location Plan and other information referenced in this report. This report does not reflect any variations, which may occur between the borings.



CGMT Project No. 16G0256

Parking Lot #7

Wheaton, Illinois

We appreciate this opportunity to be of service to the City of Wheaton during this phase of this project. If you have any questions with regard to the information and recommendations presented in this report, or if we can be of further assistance to you in any way during the planning or construction of this project, please do not hesitate to contact us.

Respectfully Submitted,

**CONSTRUCTION AND GEOTECHNICAL MATERIAL TESTING, INC.**

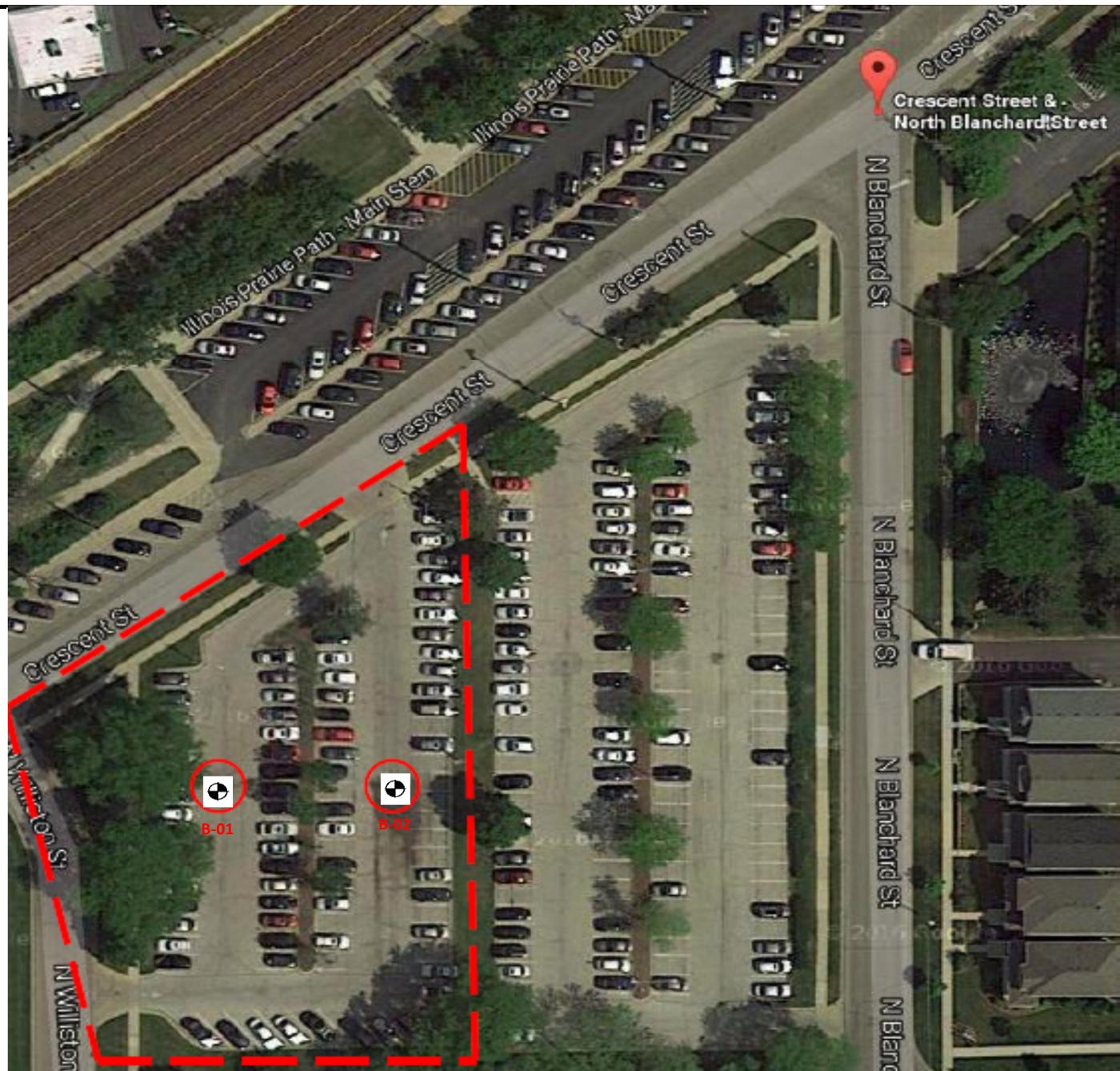
*Nicholas Wolff*

Nicholas P. Wolff, PE  
Geotechnical Engineer

*Pratik Patel*

Pratik K. Patel, PE  
Vice President





Drawing Not To Scale

**Soil Boring Location Diagram**

**Parking Lot 7**

SEC of Crescent St. N. Williston St.  
Wheaton, Illinois



**LEGEND**



**●** - Approximate Soil Boring Location

Project Manager	Project Number
P. Patel	16G0256
Date	Sheet Number
9/14/2016	Fig. 1

# Soil Boring Log



**Construction & Geotechnical Material Testing, Inc.**

60 Martin Lane, Elk Grove Village, Illinois 60007  
Telephone (630) 595-1111 • Fax (630) 595-1110

**Soil Boring Prepared for:**  
City of Wheaton Department of Engineering  
Mr. Erik Melchers, E.I.T., Project Engineer  
303 W. Wesley Street  
Wheaton, Illinois 60187

**B-01**

**Boring No.:** \_\_\_\_\_

**Date:** Friday, September 02, 2016

**Project:** Parking Lot #7

Wheaton, Illinois

**Project No.:** 16G0256

**Boring Location:** see location diagram

**Logged By:** LH

**Ground Elevation:** \_\_\_\_\_

Sheet 1 of 1

Elevation	Depth	Strata	Soil / Rock Description	Sample Type & No. Depth Interval (Ft) Recovery (in)	Blow Count	Moisture Content (%)	Unconfined Compressive Strength (TSF)	Notes & Test Results
	0.0		1.75" Asphalt Pavement 9" Aggregate Basecourse					Unconfined compressive strength of soil samples estimated using a calibrated penetrometer.
	1.0		Clay Loam, brown, soft to stiff (A-6-FILL)	SS-1 1.0' - 2.5' 4" Recovery	3 1 2	19.1	0.25	
	2.0							
	3.0							
	4.0		Topsoil, organic, black, very soft (A-8)	SS-2 3.5' - 5.0' 18" Recovery	3 2 2	20.0 50.3	1.75 -	
	5.0							
	6.0		Clay, organic, dark gray, soft (A-8)	SS-3 6.0' - 7.5' 18" Recovery	0 0 0	79.7	0.25	
	7.0							
	8.0							
	9.0		Clay, organic, gray, very soft (A-8)	SS-4 8.5' - 10.0' 18" Recovery	0 0 0	43.7	<0.25	
	10.0		END of BORING at 10 Feet					
	11.0							
	12.0							
	13.0							
	14.0							
	15.0							
	16.0							
	17.0							
	18.0							
	19.0							
	20.0							
<b>Drilling Contractor:</b> CGMT, Inc.					<b>Water Level (Ft.)</b>			
<b>Drilling Method:</b> 4.25" O.D. H.S.A. Split Spoon Sampling					<b>During Drilling:</b> None			
<b>Drilling Equipment:</b> CME-45C Truck Mounted Drill Rig					<b>Immediately After Drilling:</b> None			
<b>REVIEWED BY:</b> PKP								

# Soil Boring Log



**Construction & Geotechnical Material Testing, Inc.**

60 Martin Lane, Elk Grove Village, Illinois 60007  
Telephone (630) 595-1111 • Fax (630) 595-1110

**Soil Boring Prepared for:**  
City of Wheaton Department of Engineering  
Mr. Erik Melchers, E.I.T., Project Engineer  
303 W. Wesley Street  
Wheaton, Illinois 60187

**B-02**

**Boring No.:** \_\_\_\_\_ Date: Friday, September 02, 2016

**Project:** \_\_\_\_\_ Project No. 16G0256

Wheaton, Illinois

**Boring Location:** \_\_\_\_\_ see location diagram

**Logged By:** LH

**Ground Elevation:** \_\_\_\_\_

Sheet 1 of 1

Elevation	Depth	Strata	Soil / Rock Description	Sample Type & No. Depth Interval (Ft) Recovery (in)	Blow Count	Moisture Content (%)	Unconfined Compressive Strength (TSF)	Notes & Test Results
	0.0		5.5" Asphalt Pavement 6" Aggregate Basecourse					Unconfined compressive strength of soil samples estimated using a calibrated penetrometer.
	1.0		Clay Loam, brown, stiff (A-6-FILL)	SS-1 1.0' - 2.5' 15" Recovery	2 3 3	16.7	1.0	
	2.0							
	3.0							
	3.8		Clay, organic, dark brown, very soft (A-8)	SS-2 3.5' - 5.0' 10" Recovery	2 2 2	28.0	<0.25	
	4.0							
	5.0							
	6.0		Silt, organic, gray, very loose (A-8)	SS-3 6.0' - 7.5' 18" Recovery	0 0 0	95.2	-	
	7.0							
	8.0							
	8.8		Clay, organic, gray, very soft (A-8)	SS-4 8.5' - 10.0' 18" Recovery	0 0 2	40.1 15.1	<0.25	
	9.0		Silt, gray, very loose (A-4)					
	10.0							
	11.0							
	12.0		Sandy Clay, brown, loose (A-6)	SS-5 11.0' - 12.5' 12" Recovery	2 3 4	11.3	-	
	13.0		saturated at 13.5 feet	SS-6 13.5' - 15.0' 15" Recovery	2 4	9.6	-	
	14.0				4			
	15.0		END of BORING at 15 Feet					
	16.0							
	17.0							
	18.0							
	19.0							
	20.0							
<b>Drilling Contractor:</b> CGMT, Inc.					<b>Water Level (Ft.)</b>			
<b>Drilling Method:</b> 4.25" O.D. H.S.A. Split Spoon Sampling					<b>During Drilling:</b> 11.0 feet			
<b>Drilling Equipment:</b> CME-45C Truck Mounted Drill Rig					<b>Immediately After Drilling:</b> 9.5 feet			
<b>REVIEWED BY:</b> PKP								

## REFERENCE NOTES FOR BORING LOGS

### I. Drilling and Sampling Symbols:

SS – Split Spoon Sampler  
ST – Shelby Tube Sampler  
RC – Rock Core: NX, BX, AX  
PM – Pressuremeter  
DC – Dutch Cone Penetrometer

RB – Rock Bit Drilling  
BS – Bulk Sample of Drilling  
PA – Power Auger (no sample)  
HSA – Hollow Stem Auger  
WS – Wash Sample

Standard Penetration (Blows/Ft) refers to the blows per foot of a 140 lb. hammer falling 30 inches on a 2 inch O.D. split spoon sampler, as specified in ASTM D-1586. The blow count is commonly referred to as the N-value.

### II. Correlation of Penetration Resistances to Soil Properties:

#### Relative Density-Sands, Silts

SPT – N	Relative Density
0 – 3	Very Loose
4 – 9	Loose
10 – 29	Medium Dense
30 – 49	Dense
50 – 80	Very Dense

#### Consistency of Cohesive Soils

Unconfined Compressive Strength, Qp, tsf	Consistency
under 0.25	Very Soft
0.25 – 0.49	Soft
0.50 – 0.99	Firm
1.00 – 1.99	Stiff
2.00 – 3.99	Very Stiff
4.00 – 8.00	Hard
over 8.00	Very Hard

### III. Unified Soil Classification Symbols:

GP	–	Poorly Graded Gravel
GW	–	Well Graded Gravel
GM	–	Silty Gravel
GC	–	Clayey Gravel
SP	–	Poorly Graded Sand
SW	–	Well Graded Sand
SM	–	Silty Sand
SC	–	Clayey Sand

ML	–	Low Plasticity Silt
MH	–	High Plasticity Silt
CL	–	Low Plasticity Clay
CH	–	High Plasticity Clay
OL	–	Low Plasticity Organic
OH	–	High Plasticity Organic
CL-ML	–	Dual Classification (Typical)

### IV. Water Level Measurement Symbol:

WL	–	Water Level
WS	–	While Sampling
WD	–	While Drilling

BCR	–	Before Casing Removal
ACR	–	After Casing Removal
WCI	–	Wet Cave In
DCI	–	Dry Cave In

The water levels are those water levels actually measured in the borehole at the times indicated by the symbol. The measurements are relatively reliable when augering, without adding fluids, in a granular soil. In clays and plastic silts, the accurate determination of water levels may require several days for the water level to stabilize. In such cases, additional methods of measurement are generally applied.

# PARKING LOT IMPROVEMENT PROJECT

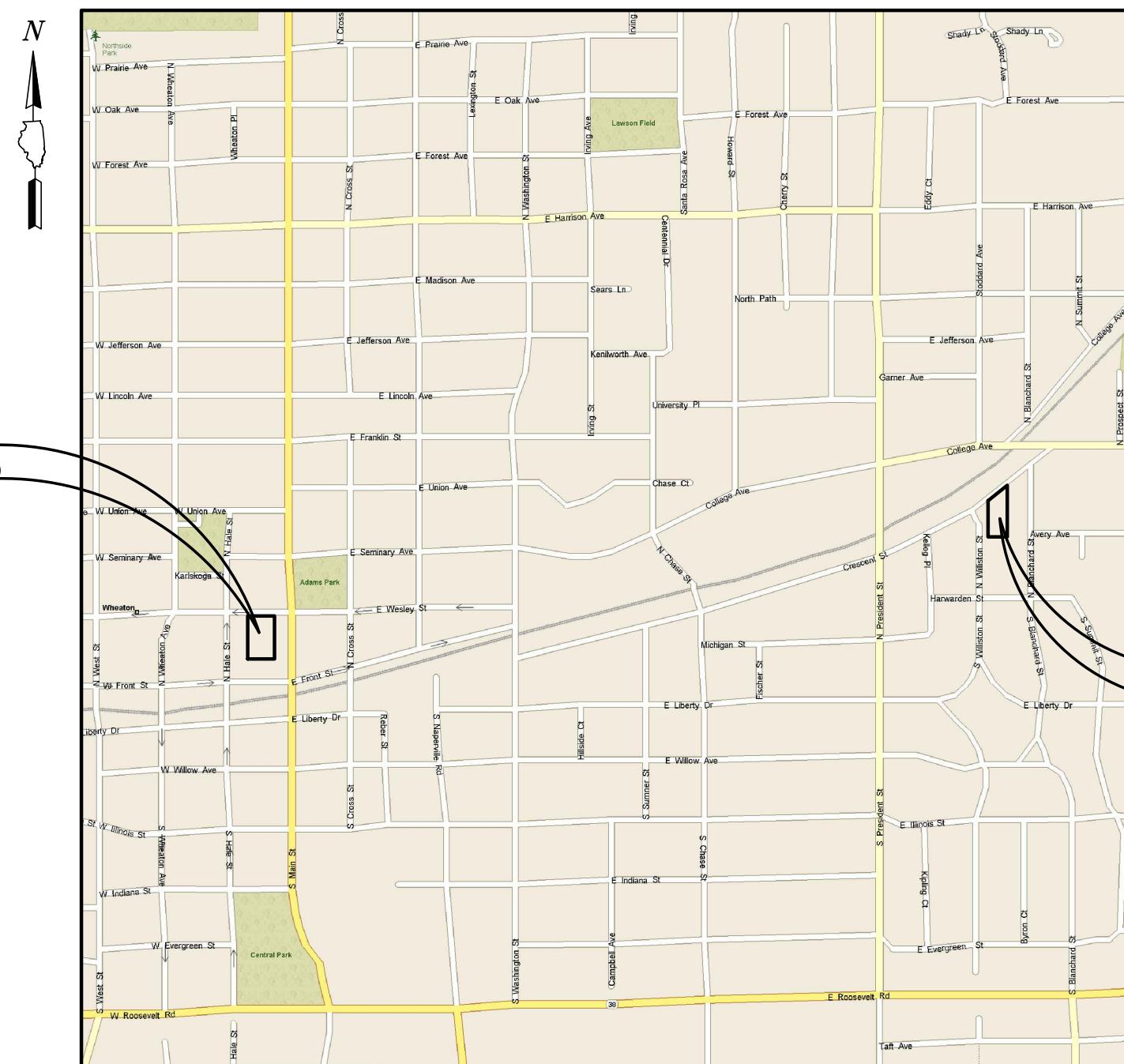
## PARKING LOTS 2 & 7 CITY OF WHEATON, ILLINOIS

4530.100

### STANDARD SYMBOLS

FEATURE	EXISTING	PROPOSED
BUFFALO BOX	○	●
BUSH/SHRUB	○	●
CATCH BASIN	○	○
CLEANOUT	○	○
COMBINE SEWER LINE	—	—
CONTOUR	—	—
CULVERT	—	—
DITCH/SWALE	—	—
ELECTRIC LINE	—	—
ELECTRIC MANHOLE	○	○
FENCE	—	—
FIRE HYDRANT	○	●
FLARED END SECTION	—	—
GAS LINE	—	—
GAS MANHOLE	○	○
GAS VALVE	△	△
INLET	□	■
LIGHT POLE	○	●
OVERHEAD WIRES	—	—
POWER POLE	—	—
R.O.W. LINE	—	—
R.O.W. MARKER	△	—
SANITARY FORCEMAIN LINE	—	—
SANITARY SEWER LINE	—	—
SANITARY SEWER MANHOLE	○	○
SIGN	—	—
SPOT ELEVATION	—	—
STORM SEWER LINE	—	—
STORM SEWER MANHOLE	○	○
TELEPHONE LINE	—	—
TELEPHONE MANHOLE	○	○
TELEPHONE BOX/PEDESTAL	—	—
TREE—CONIFEROUS (SIZE/TAG#)	○ 345	○ 345
TREE—DECIDUOUS (SIZE/TAG#)	○ 12"	○ 12"
VALVE BOX	○	○
VALVE VAULT	○	○
WATER VALVE	○	○
WATERMAIN LINE	—	—

### LOCATION MAP

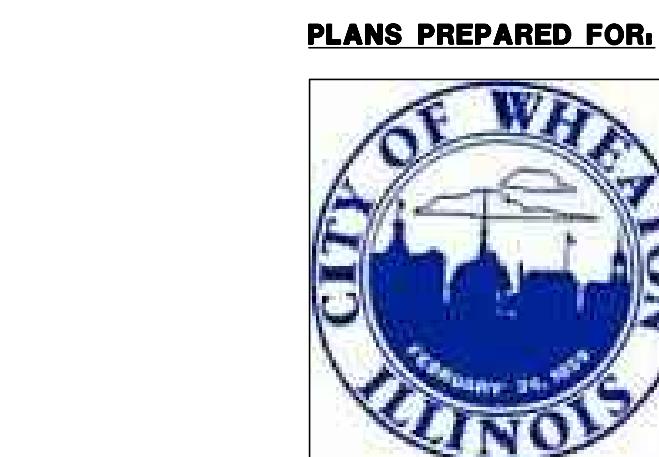
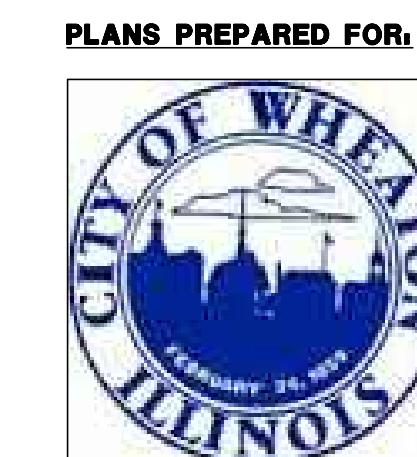


#### PROJECT LOCATION

PARKING LOT #2  
EAST WESLEY STREET  
WHEATON, ILLINOIS

#### PROJECT LOCATION

PARKING LOT #7  
CRESCENT STREET  
WHEATON, ILLINOIS



### SHEET INDEX

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8. GRADING AND UTILITY PLAN - LOT 7
9. PAVEMENT MARKING PLAN - LOT 7
10. DETAIL SHEET
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12. DETAIL SHEET
13. DETAIL SHEET
14. DETAIL SHEET

TOPOGRAPHIC SURVEY BY:  
GEWALT HAMILTON ASSOCIATES, INC.  
625 FOREST EDGE DRIVE  
VERNON HILLS, ILLINOIS 60061  
TELEPHONE: 847-478-9700

#### PLANS PREPARED BY:

**GHA** GEWALT HAMILTON  
ASSOCIATES, INC.

625 Forest Edge Drive ■ Vernon Hills, IL 60061  
TEL 847.478.9700 ■ FAX 847.478.9701

SIGNED: P.E., PTOE

KEVIN L. BELGRAVE

DATE: \_\_\_\_\_

ILLINOIS LICENSE NO.: 062-051750

EXPIRATION DATE: NOVEMBER 30, 2017

EXISTING UTILITIES: WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENGINEER AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY WHATEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF UNDERGROUND UTILITY FACILITIES OR THE MANNER IN WHICH THEY ARE TO BE REMOVED OR ADJUSTED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY 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.

CONTRACTOR IS RESPONSIBLE FOR CONTACTING J.U.L.I.E. AT 1-800-892-0123 AND MUST ACQUIRE A DIG NUMBER A MINIMUM OF 72 HOURS PRIOR TO ANY WORK BEING DONE.



NOTE: CONSTRUCTION MEANS, METHODS AND JOB SITE SAFETY IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR

**GHA** GEWALT HAMILTON  
ASSOCIATES, INC.  
625 Forest Edge Drive ■ Vernon Hills, IL 60061  
TEL 847.478.9700 ■ FAX 847.478.9701

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**TITLE SHEET**  
PARKING LOT IMPROVEMENT PROJECT  
PARKING LOTS 2 & 7  
CITY OF WHEATON, ILLINOIS

Point #	Northing	Easting	Elevation	Description
1	1893911.66	1045776.88	754.00	CP1-XTC
2	1893645.23	1045793.26	751.88	CP2-XTC
3	1893583.28	1045788.86	749.58	CP3-XCN
4	1893774.40	1045792.20	753.76	CP4-XCN
5	1893851.77	1045967.53	756.05	CP5-XSW
6	1893589.58	1045978.45	752.57	CP6-XTC
10	1894588.22	1050791.32	741.98	CP10-IR-CAP
11	1894777.14	1050792.36	742.90	CP11-XSW
12	1894562.19	1050587.46	742.70	CP12-XSW

FILE: 4530-100-PR1.dwg  
DRAWN BY: GWA  
DATE: 11.05.16  
GHA PROJECT #:  
4530.100  
CHECKED BY: KLB  
DATE: 11.05.16  
SCALE: N.T.S.  
SHEET NUMBER:  
**1**  
OF 14 SHEETS

## GENERAL NOTES

- ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" LATEST EDITION, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION, THE DETAILS IN THESE PLANS AND THE SPECIAL PROVISIONS IN THE CONTRACT DOCUMENTS.
- WHENEVER, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC. SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL WILL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE PRIOR TO ORDERING MATERIALS. IN ADDITION, THE CONTRACTOR MUST VERIFY THE LINE AND GRADES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSION OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS/HER OWN RISK AND EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR ANY COSTS INCURRED..
- ALL PAVEMENT DIMENSIONS ARE SHOWN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE THE MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
- IF DURING CONSTRUCTION THE CONTRACTOR ENCOUNTERS OR OTHERWISE BECOMES AWARE OF ANY SEWERS OR UNDERDRAINS OTHER THAN THOSE SHOWN ON THE PLANS, HE/SHE SHALL INFORM THE ENGINEER, WHO SHALL DIRECT THE WORK NECESSARY TO MAINTAIN OR REPLACE THE FACILITIES IN SERVICE AND TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION IF MAINTAINED. EXISTING FACILITIES TO BE MAINTAINED THAT ARE DAMAGED BECAUSE OF NON-COMPLIANCE WITH THIS PROVISION SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY TOILET FACILITIES AND HAND SANITIZING STATIONS FOR THE USE OF ALL THE CONTRACTOR'S PERSONNEL EMPLOYED ON THE WORK SITE. THE FACILITIES SHALL BE MAINTAINED IN PROPER SANITARY CONDITION THROUGHOUT THE PROJECT. THE LOCATION OF THE TEMPORARY FACILITIES SHALL BE APPROVED BY THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE NPDES PERMIT AND SWPPP MANUAL. IF NO NPDES PERMIT OR SWPPP MANUAL IS NEEDED FOR THE PROJECT THE CONTRACTOR SHALL PERFORM SOIL EROSION SEDIMENT CONTROL BEST PRACTICES OR AS DIRECTED BY THE OWNER TO PREVENT ILLICIT DISCHARGES FROM THE SITE.

## UTILITY NOTES

- UNDERGROUND WORK SHALL INCLUDE TRENCHING, DISPOSAL OF EXCESS MATERIAL, DEWATERING, INSTALLATION OF PIPE, CASTINGS, STRUCTURES, BACKFILLING OF TRENCHES AND COMPACTION, AND TESTING AS SHOWN ON THE CONSTRUCTION PLANS. FITTINGS AND ACCESSORIES NECESSARY TO COMPLETE THE WORK MAY NOT BE SPECIFIED BUT SHALL BE CONSIDERED AS INCLUDED TO THE COST OF THE CONTRACT. ALL SEWER SHALL BE INSTALLED USING A LASER AND BEGIN AT THE DOWNSTREAM END.
- MACHINE CORE ALL CONNECTIONS TO EXISTING STRUCTURES USING A CORE DRILL. HAMMERING OR SAWING OF STRUCTURES WILL NOT BE ALLOWED.
- ALL CONNECTIONS TO EXISTING OR DISSIMILAR STORM/SANITARY LINES SHALL BE DONE WITH STAINLESS STEEL NON-SHEAR COUPLINGS.

## EROSION CONTROL NOTES

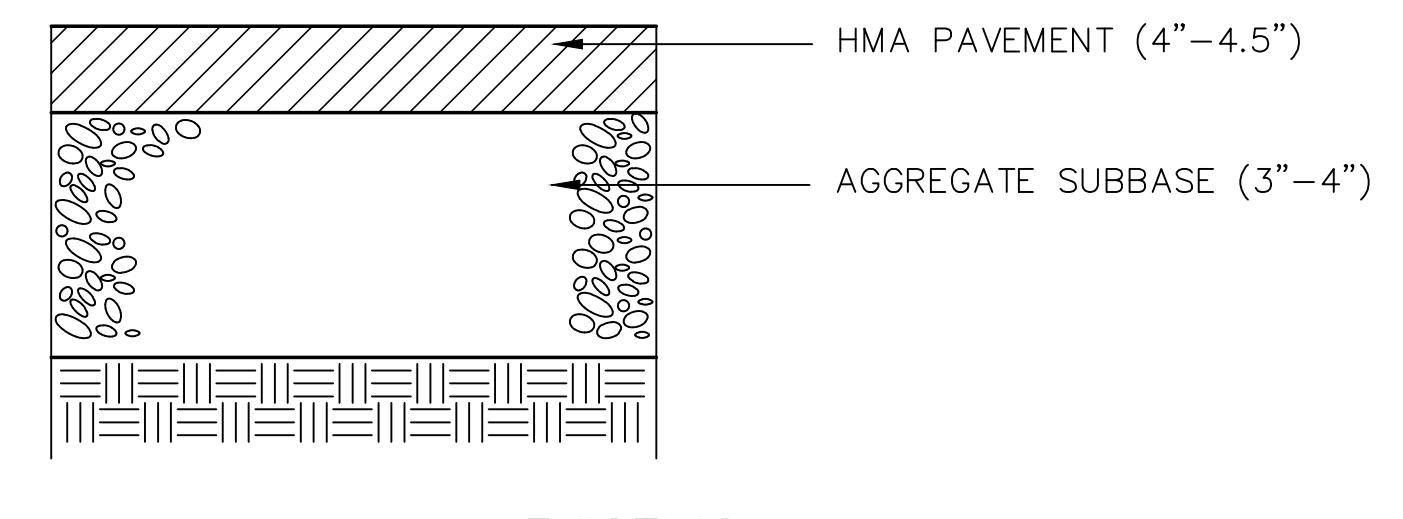
- AT A MINIMUM, THE CONTRACTOR SHALL INSTALL AND MAINTAIN SOIL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THE LATEST EDITION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S URBAN MANUAL.
- DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS.
- LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING ANY ROAD OF MATERIAL THAT IS FROM THE PROJECT. THIS WILL BE DONE AT THE CLOSE OF EACH DAY OF WORK OR MORE FREQUENTLY AS FIELD CONDITIONS WARRANT.
- ALL STORM WATER STRUCTURES WITH OPEN LIDS SHALL BE PROTECTED WITH INLET FILTER BASKETS. DURING CONSTRUCTION, SEDIMENT SHALL BE REMOVED AS NEEDED, AND BASKETS SHALL BE REPAIRED OR REPLACED AS NEEDED.
- AFTER ACHIEVING PERMANENT VEGETATION, ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE REMOVED, AND THE DRAINAGE STRUCTURES SHALL BE CLEANED.
- THE CONTRACTOR SHALL KEEP A WATER SOURCE AT THEIR DISPOSAL FOR THE PURPOSE OF WATERING DOWN SOIL ON SITE AND ADJACENT ROADWAYS WHICH OTHERWISE MAY BECOME AIRBORNE.
- THE CONTRACTOR SHALL STABILIZE ALL IDLE, DISTURBED AREAS WITHIN SEVEN DAYS OF CESSION OF THE CONSTRUCTION ACTIVITIES IN THAT AREA.
- THE CONTRACTOR IS EXPRESSLY ADVISED NOT TO DISTURB AREAS WHICH ARE OUTSIDE THOSE NECESSARY TO PROVIDE THE IMPROVEMENTS AS CALLED FOR IN THE PLANS.
- ALL EROSION CONTROL MEASURES SHALL BE REPLACED IF DAMAGED OR MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- ALL BYPASS CHANNELS, MUST BE CONSTRUCTED SO THAT CHANNEL FLOWS WILL NOT CAUSE EROSION OF EXCAVATED MATERIAL. IN EACH CASE A SEDIMENTATION BASIN MUST BE CONSTRUCTED SO AS TO ALLOW THE SEDIMENT TO SETTLE PRIOR TO THE DOWNSTREAM OUTLET OF THE PROJECT AREA.
- PUMPS MAY BE USED AS BYPASS DEVICES, BUT IN NO CASE WILL THE WATER BE DIVERTED OUTSIDE THE PROJECT LIMIT. ALL PUMPED WATER SHALL BE FREE OF SILT. PUMPING MAY REQUIRE THE USE OF A SEDIMENT CONTAINMENT FILTER BAG AND OTHER SUPPLEMENTAL SEDIMENT CONTROL MEASURES.
- CONCRETE WASHOUT FACILITIES SHALL BE MADE AVAILABLE IF NEEDED, AND PROPERLY MAINTAINED THROUGHOUT THE PROJECT.
- PROPERLY MANAGE ALL MATERIAL STORAGE AREAS, PORTABLE TOILETS, AND EQUIPMENT FUELING, CLEANING, AND MAINTENANCE AREAS TO ENSURE THESE AREAS ARE FREE OF SPILLS, LEAKS, OR OTHER POTENTIAL POLLUTANTS.
- WASTE, CONSTRUCTION DEBRIS, AND BUILDING MATERIALS SHALL BE COLLECTED AND PLACED IN APPROVED RECEPTACLES.

## STATE STANDARDS

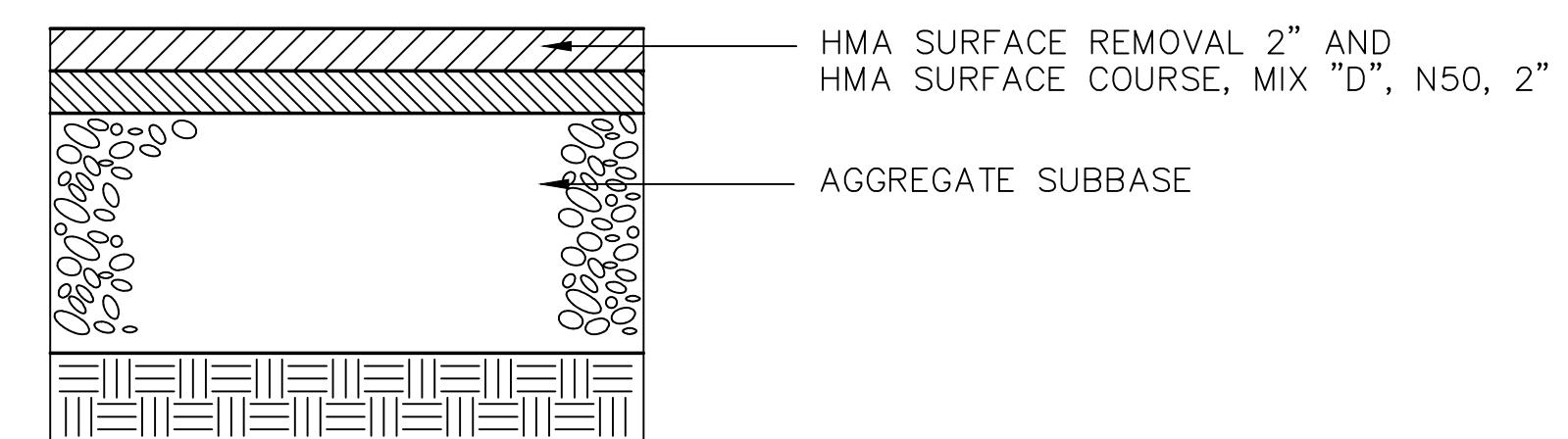
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-02	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
602001-02	CATCH BASIN TYPE A
604001-04	FRAME AND LIDS TYPE 1
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

## SUMMARY OF QUANTITIES

No.	SP	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	PARKING LOT No. 2	PARKING LOT No. 7
1		20101000	TEMPORARY FENCE	FOOT	28	0	28
2		20101200	TREE ROOT PRUNING	EACH	1	0	1
3		20200100	EARTH EXCAVATION	CU YD	217	180	37
4		20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	95	20	75
5		20700220	POROUS GRANULAR EMBANKMENT	CU YD	95	20	75
6		21101615	TOPSOIL FURNISH AND PLACE 4"	SQ YD	130	5	125
7		25200110	SODDING, SALT TOLERANT	SQ YD	130	5	125
8		28000510	INLET FILTERS	EACH	14	11	3
9		35101600	AGGREGATE BASE COURSE, TYPE B, 4"	SQ YD	164	0	164
10		35102000	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	362	362	0
11		40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N-50	TON	583	265	318
12		40700100	BITUMINOUS MATERIALS (TACK COAT)	POUND	507	230	277
13		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	36	0	36
14		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	518	0	518
15		42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	112	0	112
16		42400800	DETECTABLE WARNINGS	SQ FT	50	0	50
17		44000157	HOT-MIX ASPHALT SURFACE REMOVAL 2"	SQ YD	3,741	1,960	1,781
18		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	36	0	36
19		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	177	15	162
20		44000600	SIDEWALK REMOVAL	SQ FT	630	0	630
21		60108104	PIPE UNDERDRAINS, TYPE 1, 4"	FOOT	50	10	40
22		60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	0	2
23		60250200	CATCH BASINS TO BE ADJUSTED	EACH	9	9	0
24		60500050	REMOVING CATCH BASINS	EACH	2	0	2
25		60603800	COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12	FOOT	298	15	283
26		60618300	CONCRETE MEDIAN SURFACE 4"	SQ FT	1,476	0	1,476
27		78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	30	6.2	24
28		78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	2,388	826	1,562
29	X	X5537700	STORM SEWERS TO BE CLEANED	FOOT	45	0	45
30	X	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.5
31	X	Z0036200	PAINT CURB	FOOT	36	36	0
32	X		CLASS D PATCHES, 5 INCH	SQ YD	1,400	362	1,038

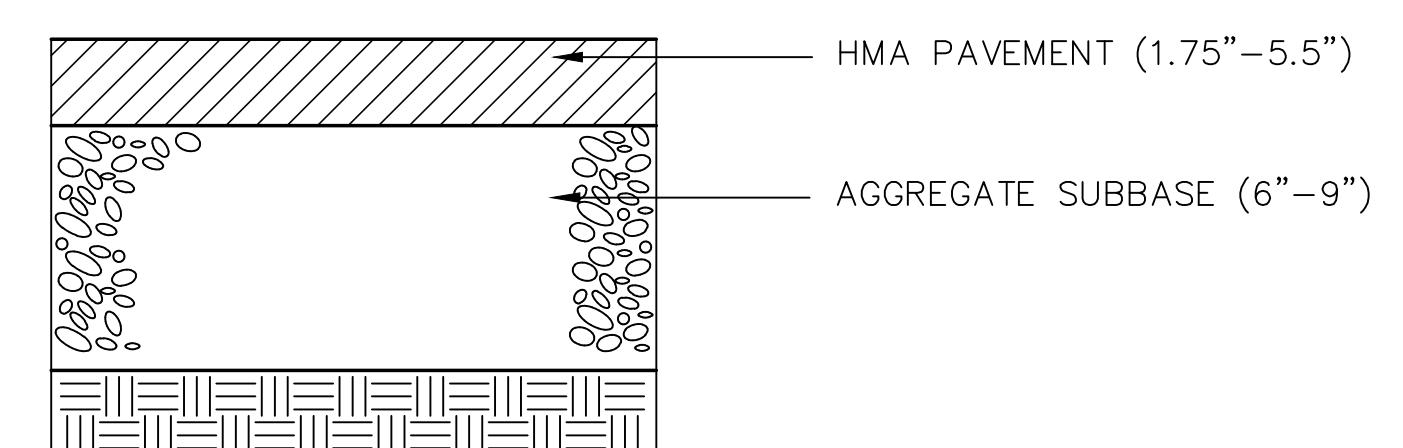


EXISTING

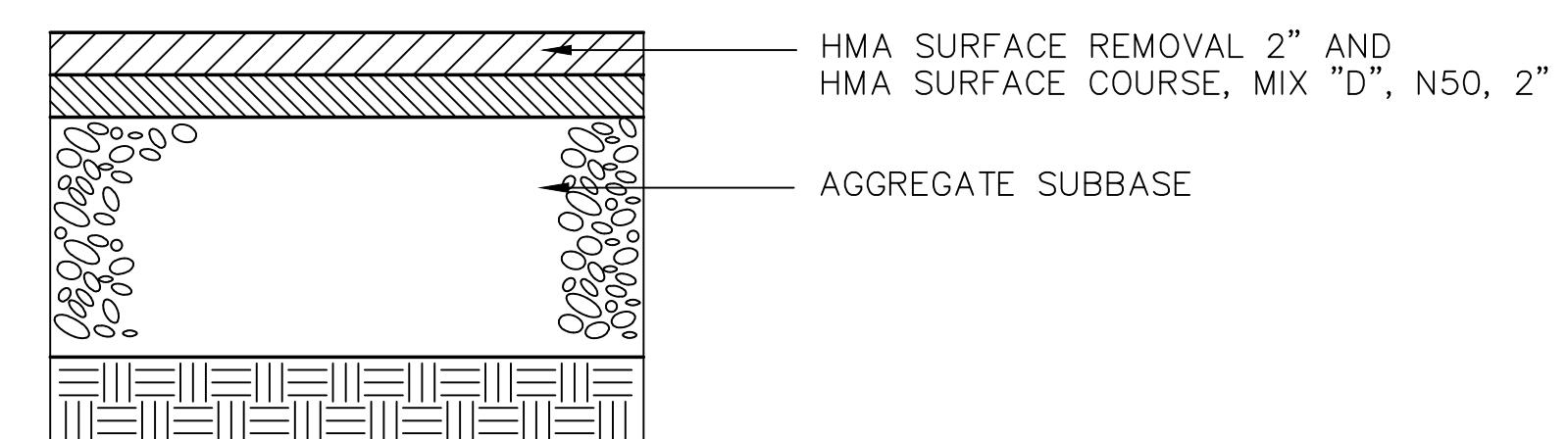


PROPOSED

### TYPICAL SECTION - LOT 2

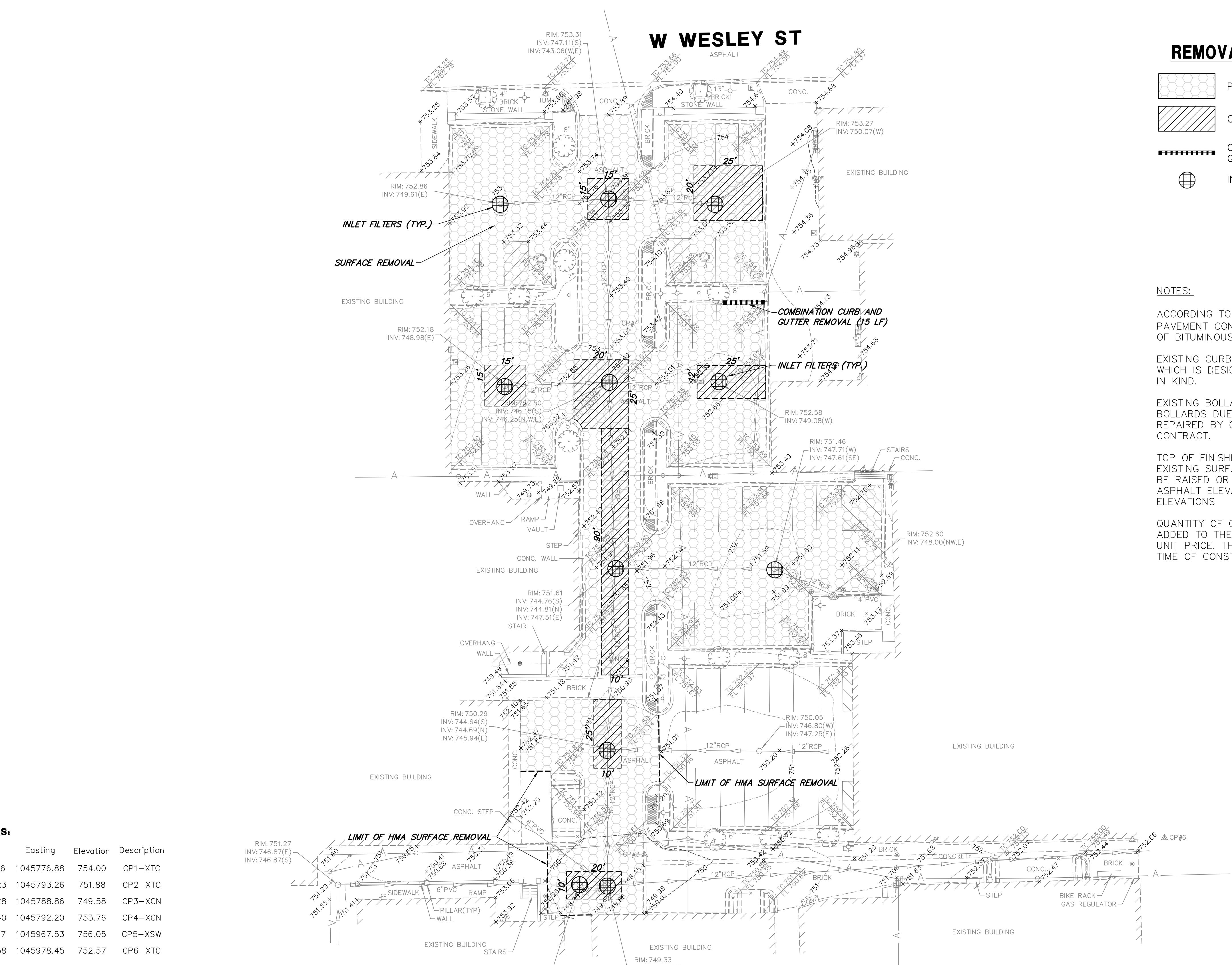


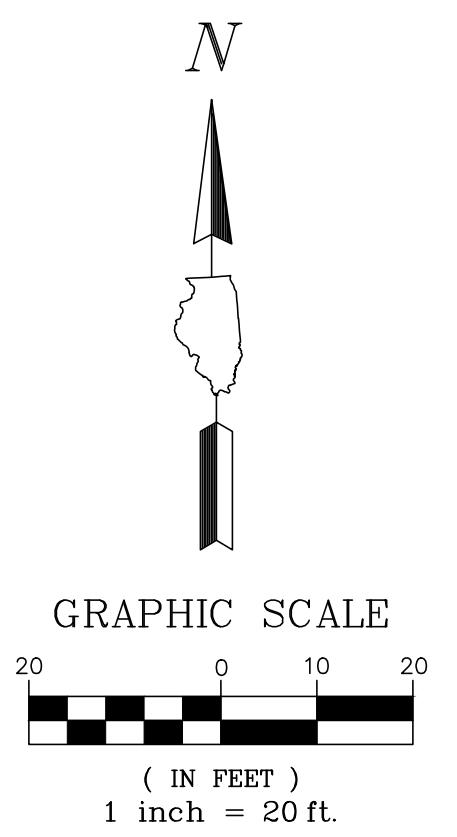
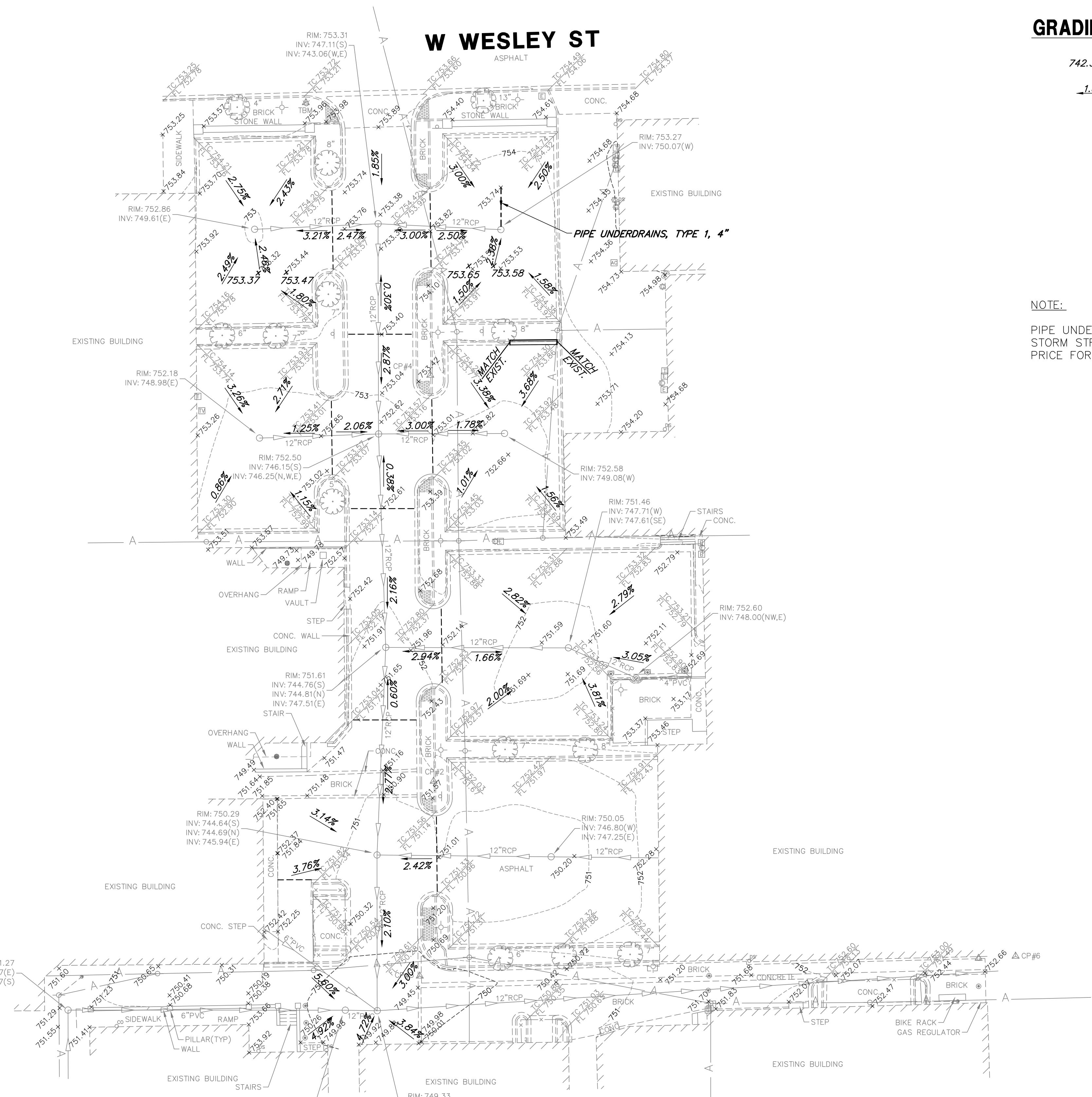
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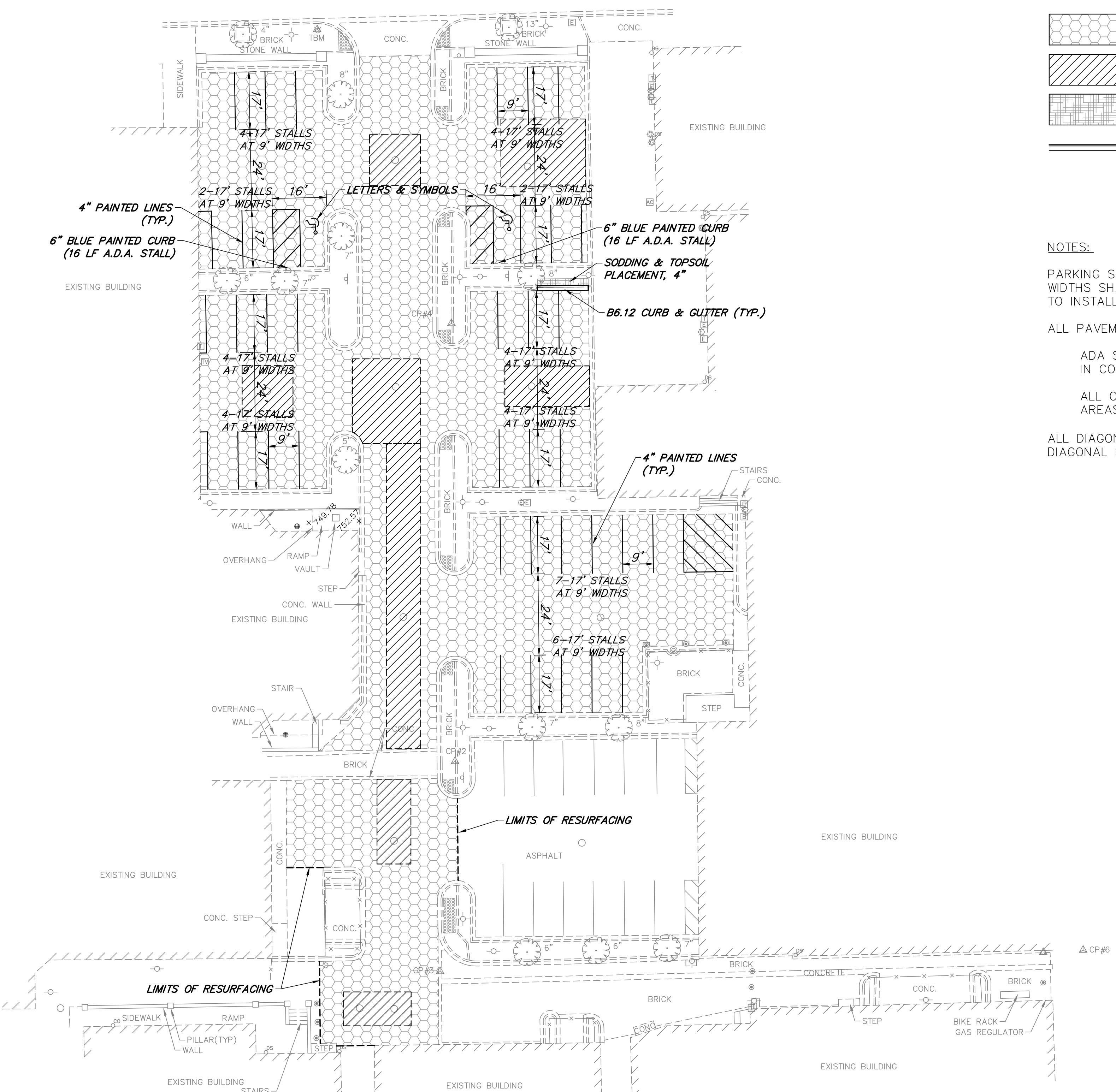
PROPOSED

### TYPICAL SECTION - LOT 7

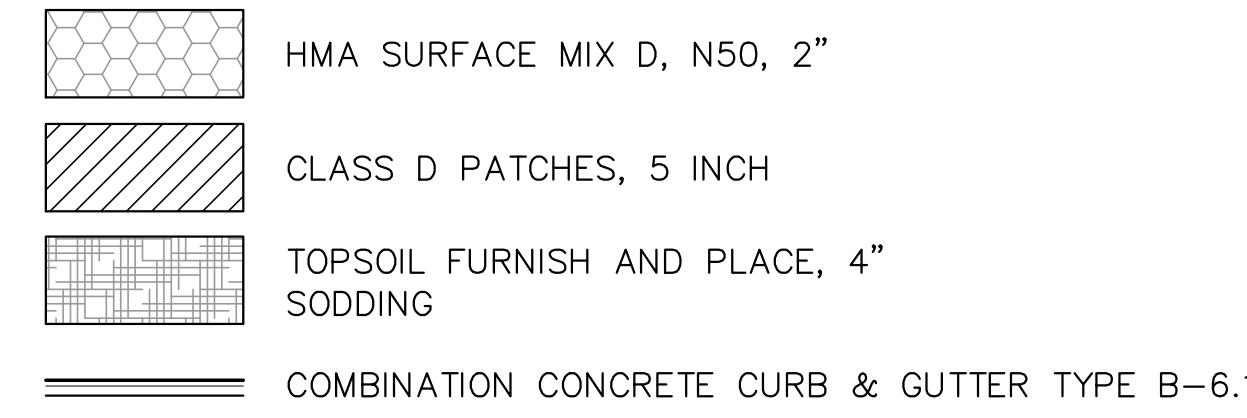




**W WESLEY ST**



## **PROPOSED LEGEND**



( IN FEET )

1 inch = 20 ft.

## NOTES:

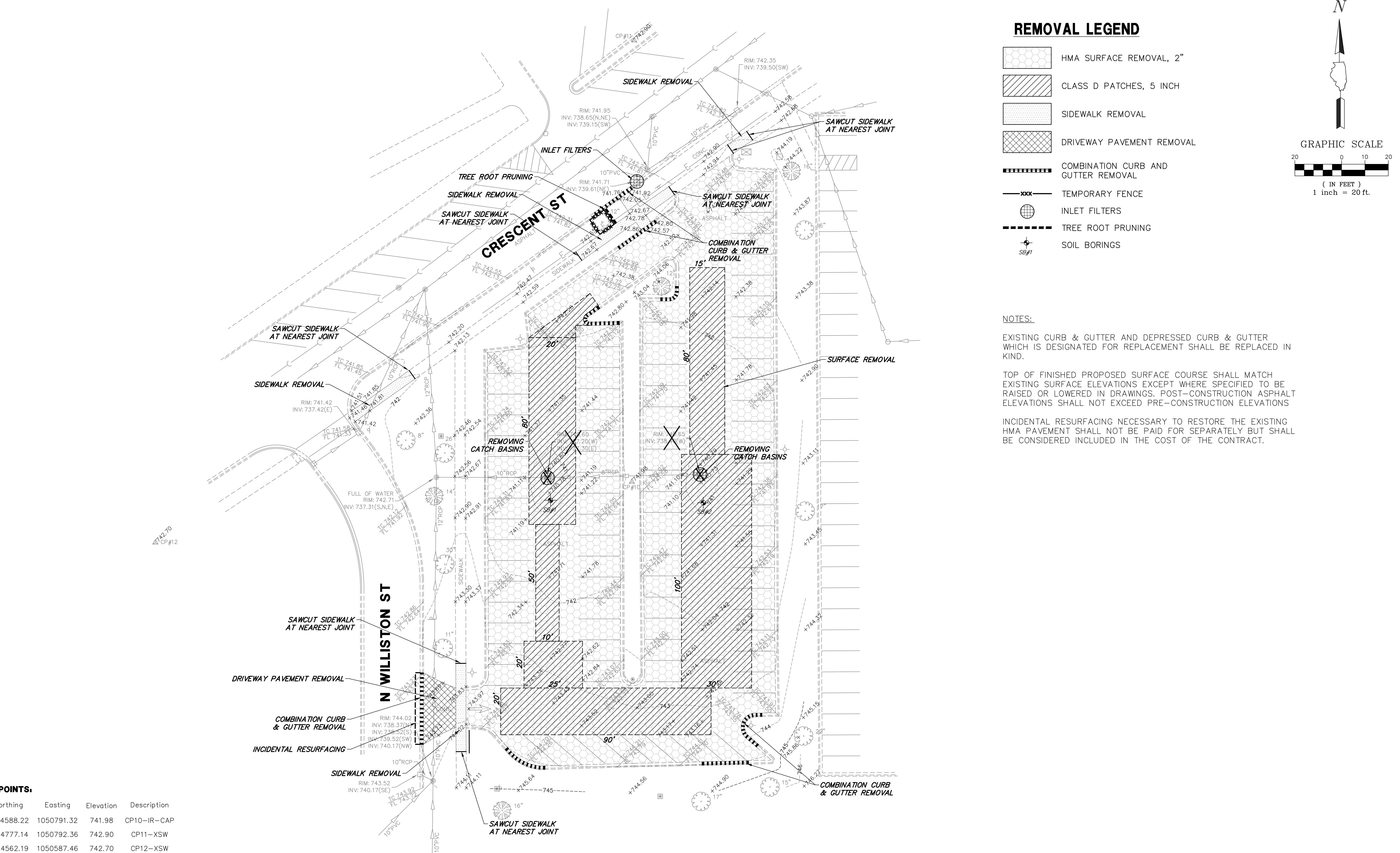
PARKING STALL WIDTHS SHOWN ARE APPROXIMATE. FINAL WIDTHS SHALL BE DETERMINED BY OWNER IN FIELD PRIOR TO INSTALLATION.

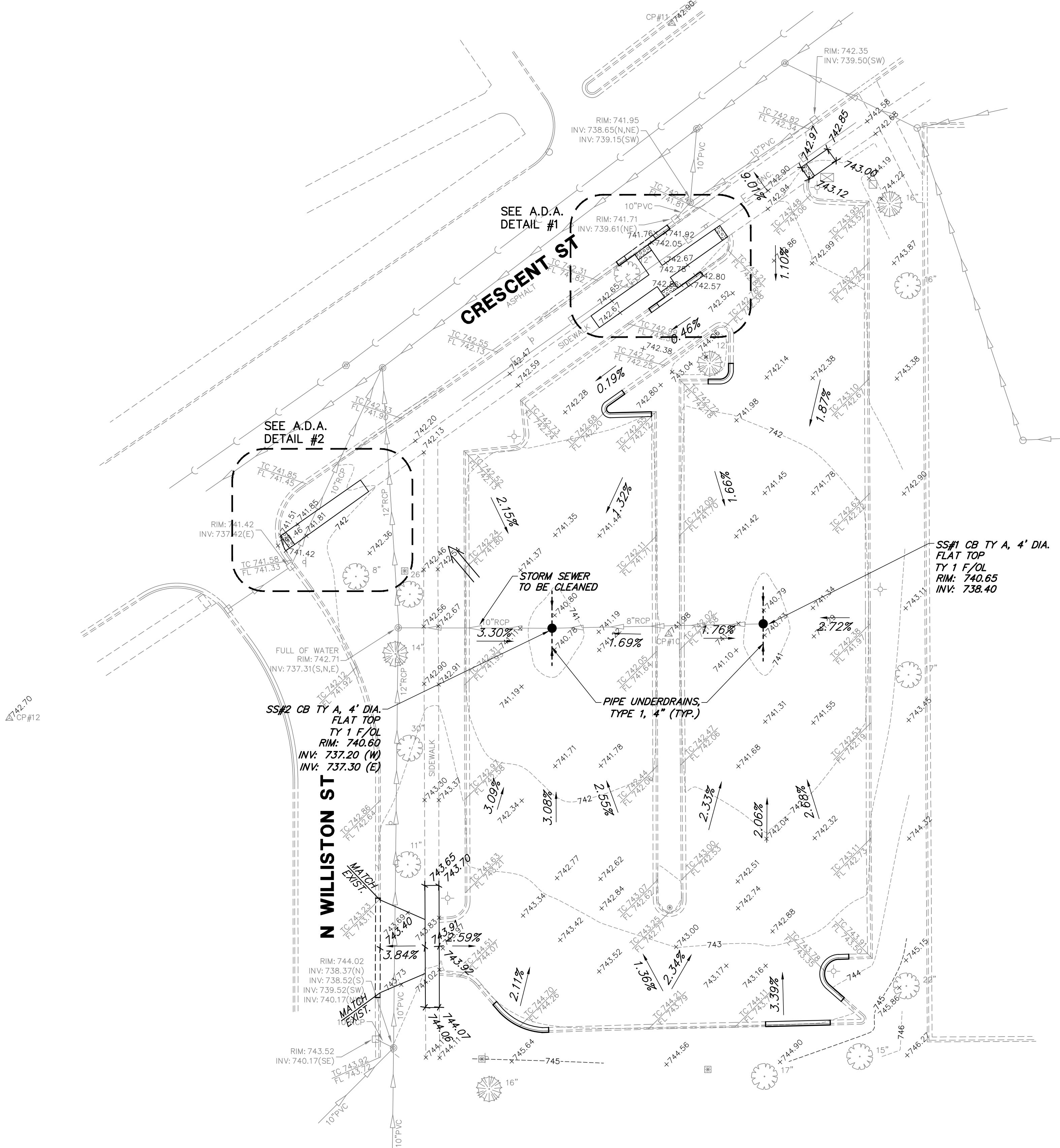
ALL PAVEMENT MARKINGS SHALL BE AS FOLLOWS:

ADA SYMBOLS AND LOADING ZONE SHALL BE YELLOW IN COLOR.

ALL OTHER STALL LINES, SYMBOLS AND HATCHED AREAS SHALL BE WHITE IN COLOR.

ALL DIAGONALLY STRIPED AREAS TO HAVE 3' SPACING OF DIAGONAL STRIPES.



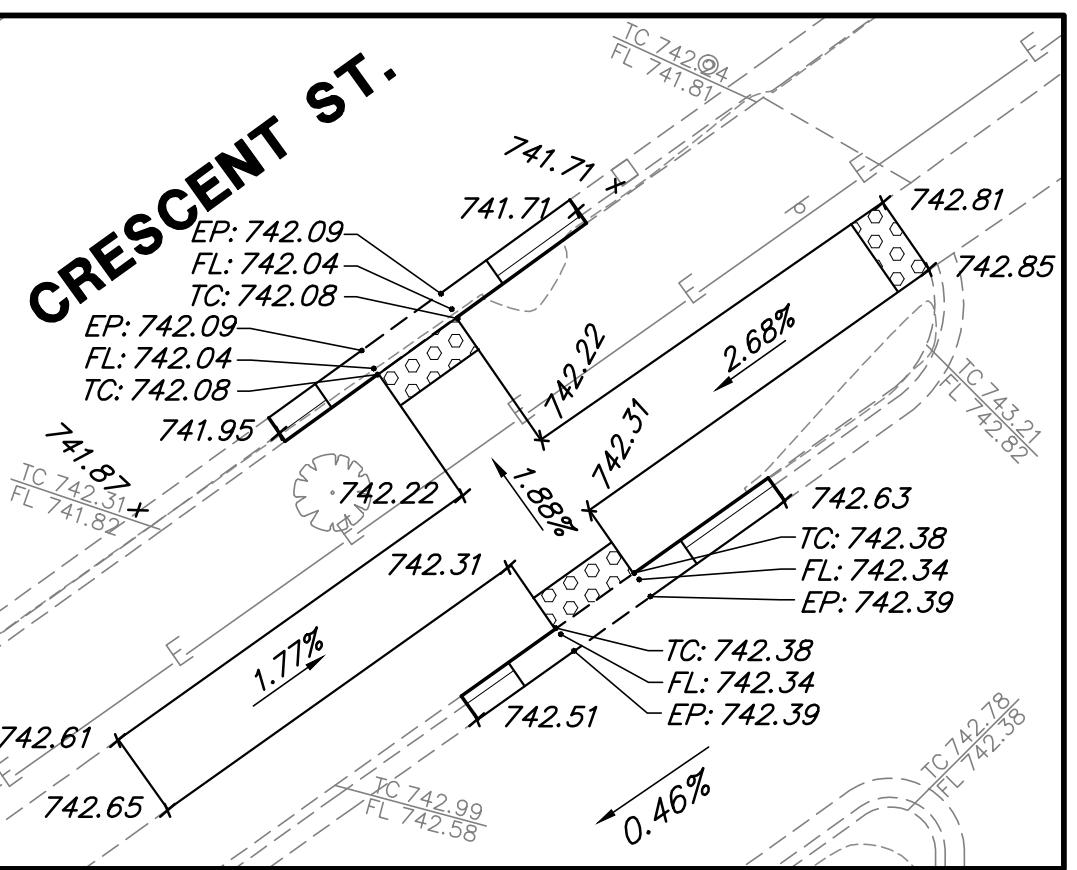
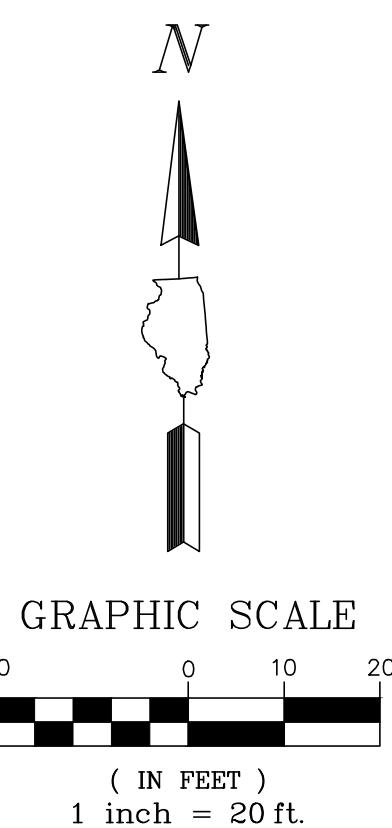


## GRADING & UTILITY LEGEND

- 742.31 x SPOT GRADES
- 1.8% PAVEMENT SLOPES
- ↔ EMERGENCY OVERFLOW

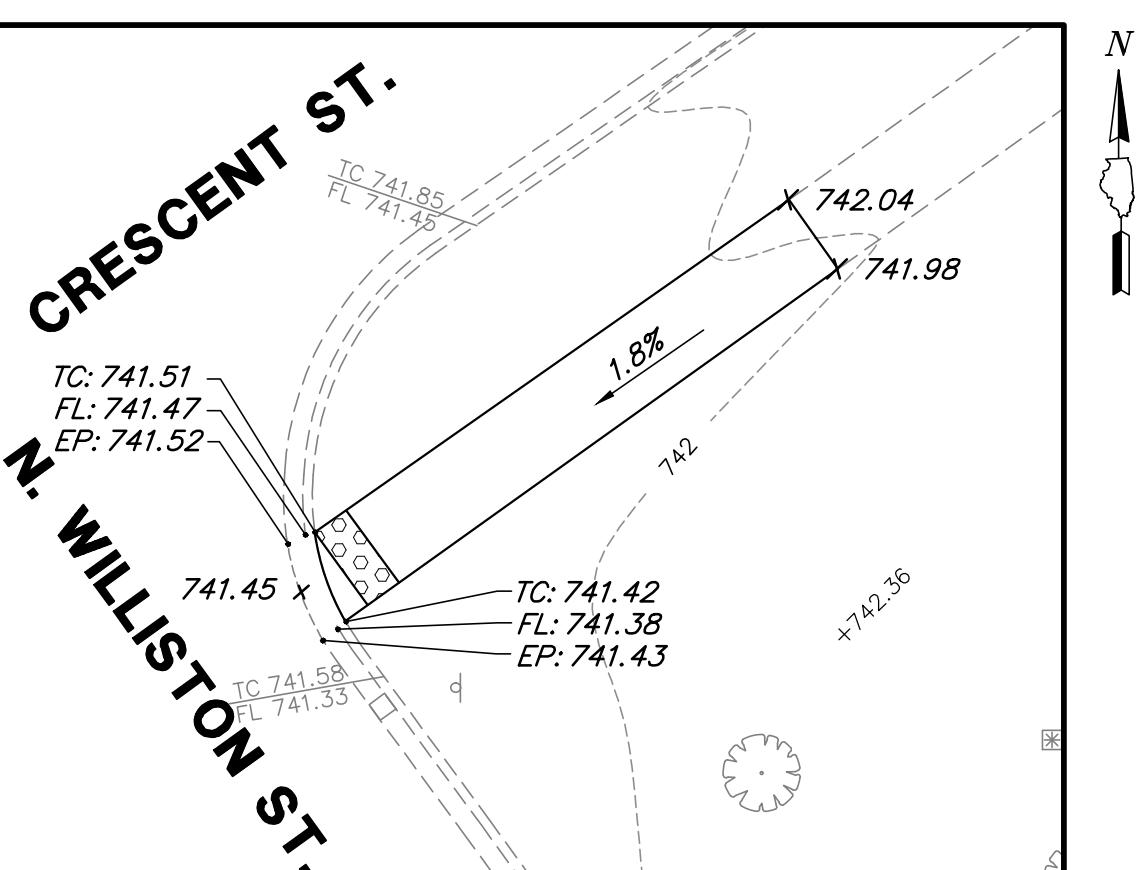
### NOTE:

PIPE UNDERDRAINS SHALL BE CONNECTED TO THE EXISTING STORM STRUCTURE. COST SHALL BE INCLUDED IN THE UNIT PRICE FOR PIPE UNDERDRAINS.



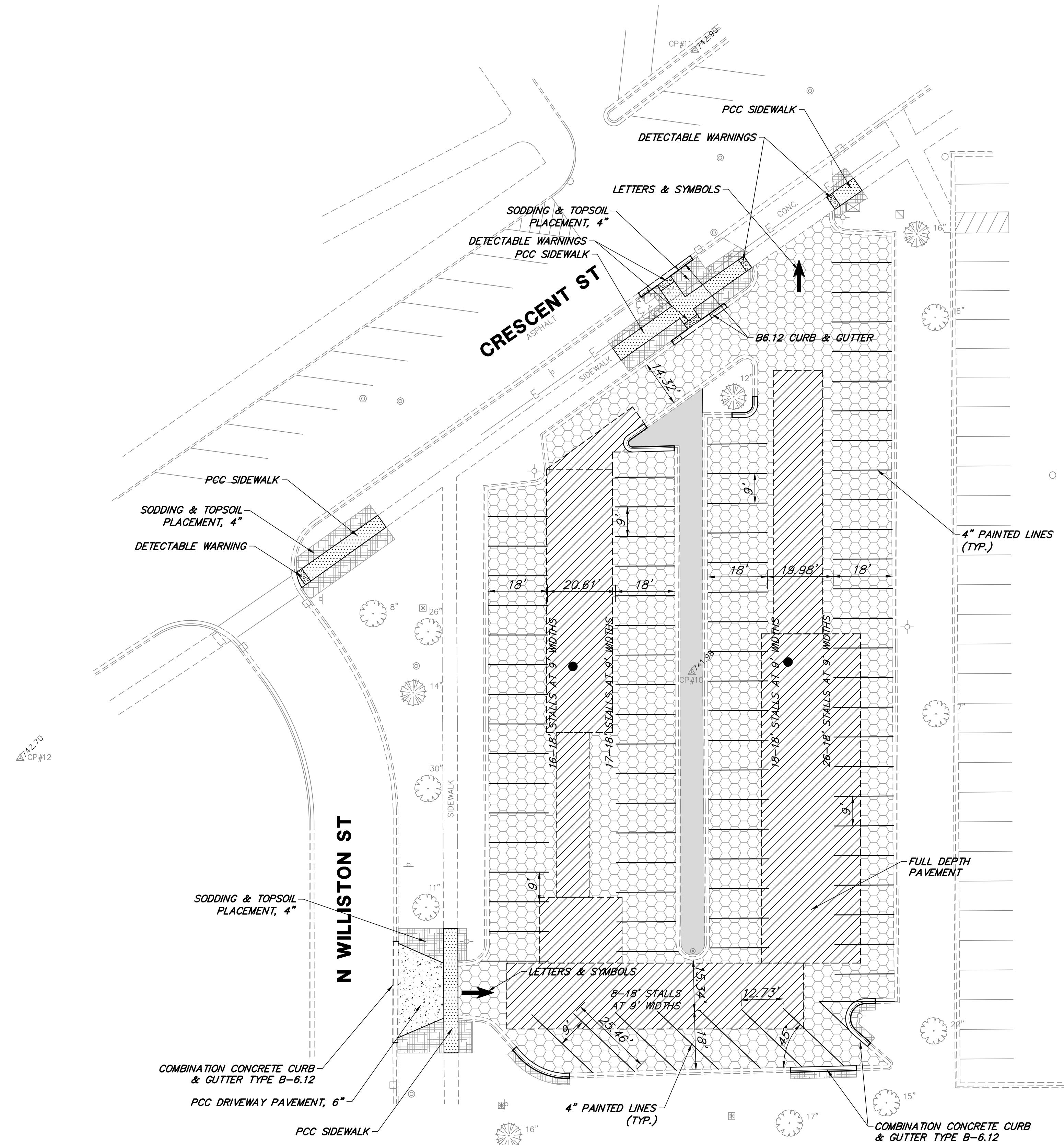
**A.D.A. SIDEWALK GRADING DETAIL #1**

SCALE: 1"=10'

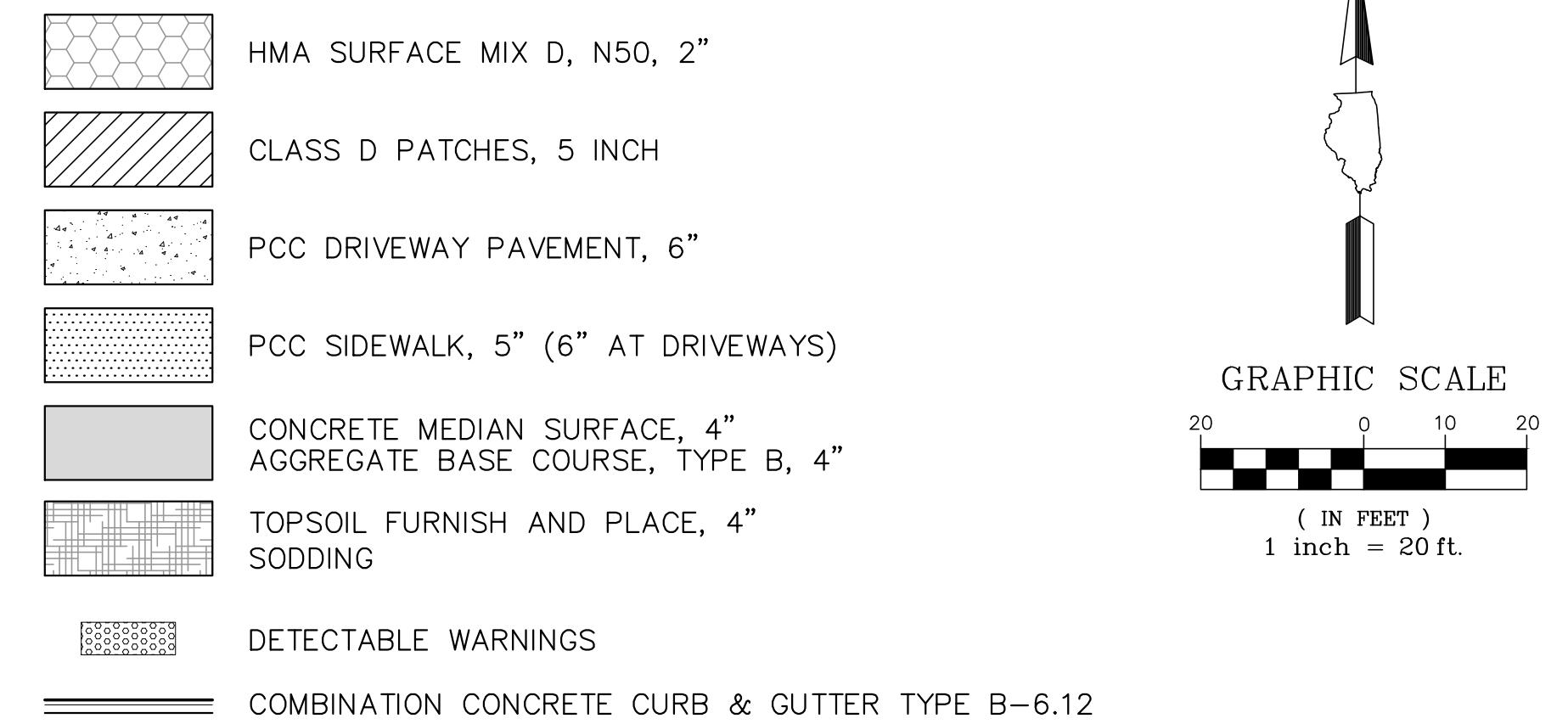


**A.D.A. SIDEWALK GRADING DETAIL #2**

SCALE: 1"=10'



## **PROPOSED LEGEND**



## NOTES:

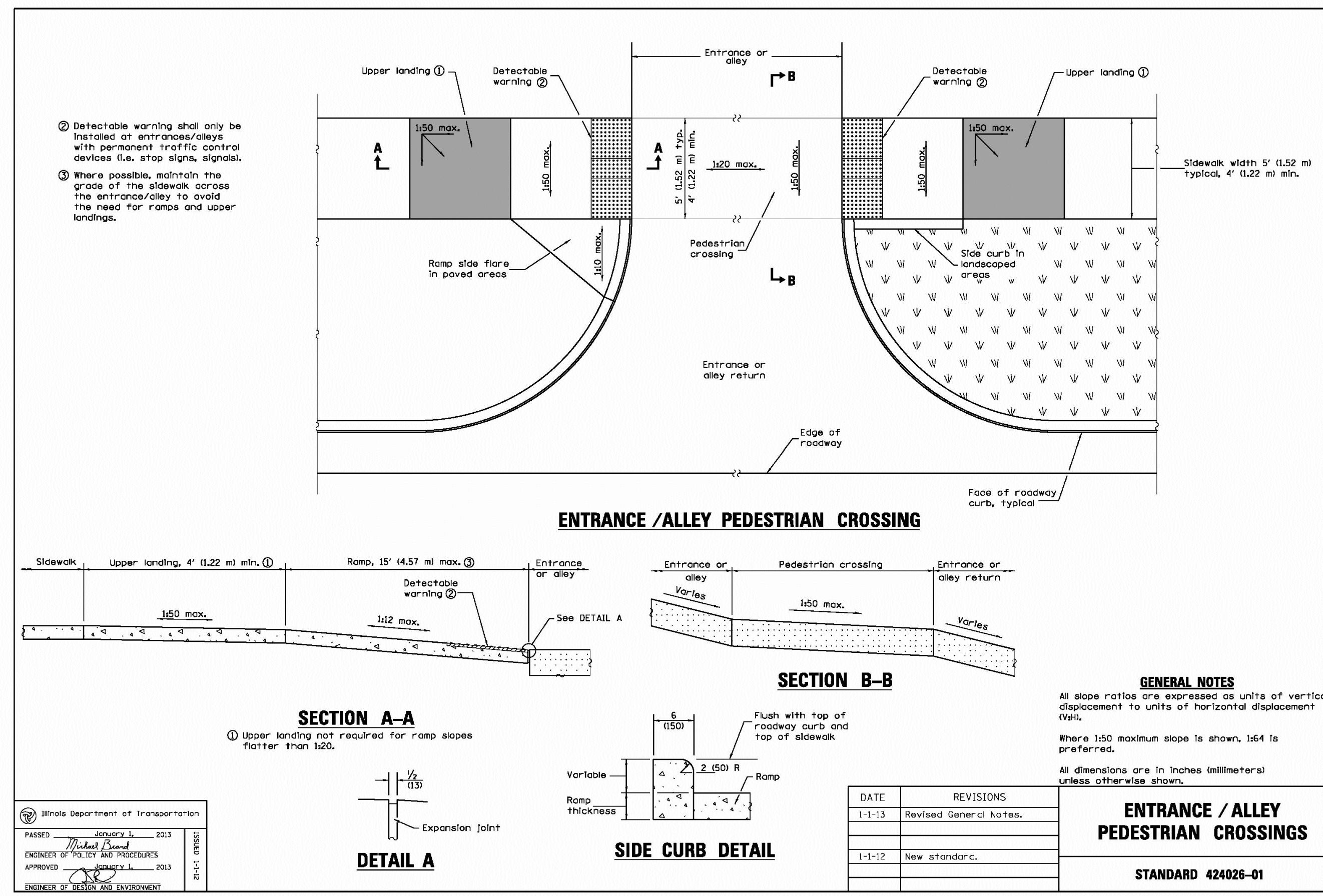
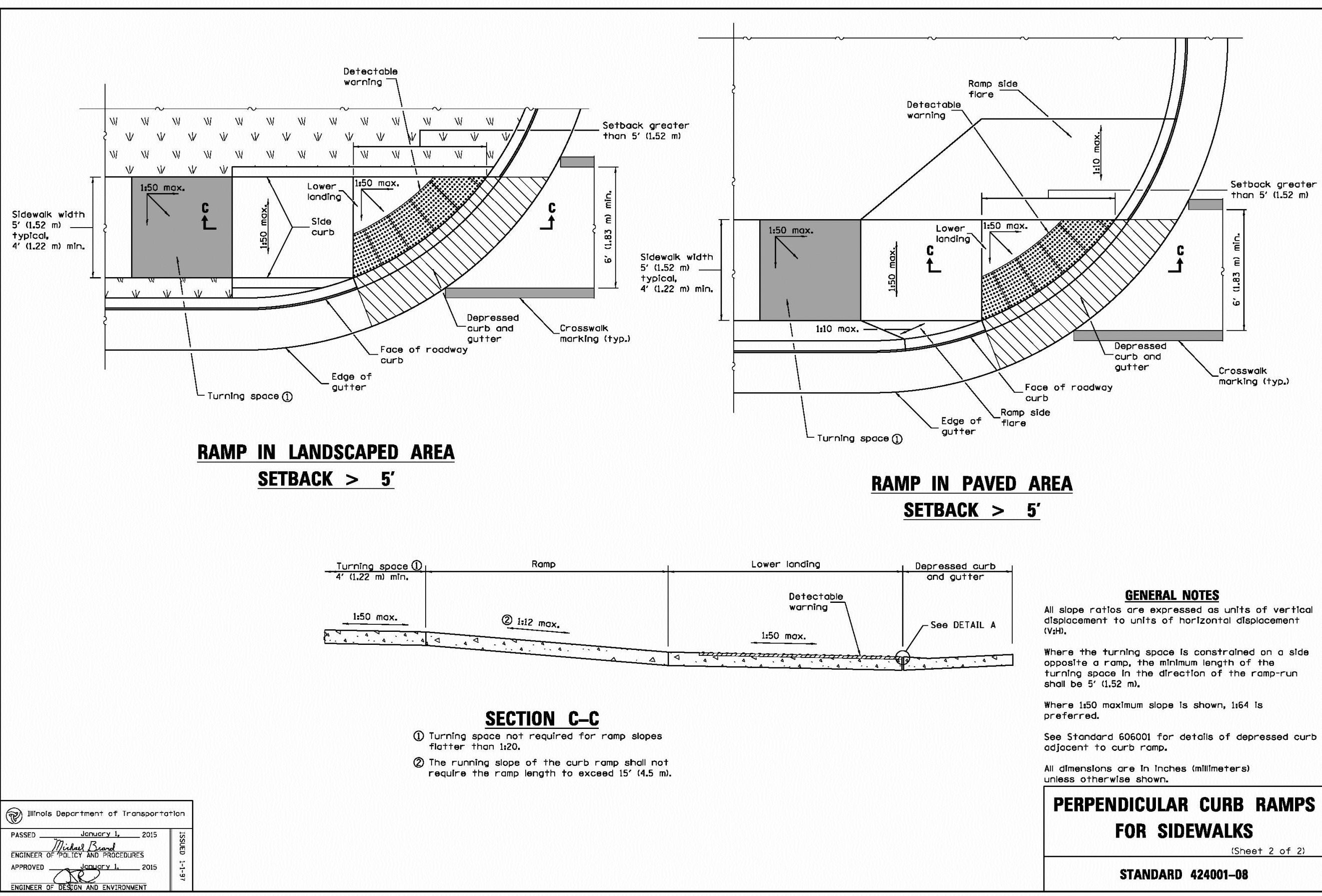
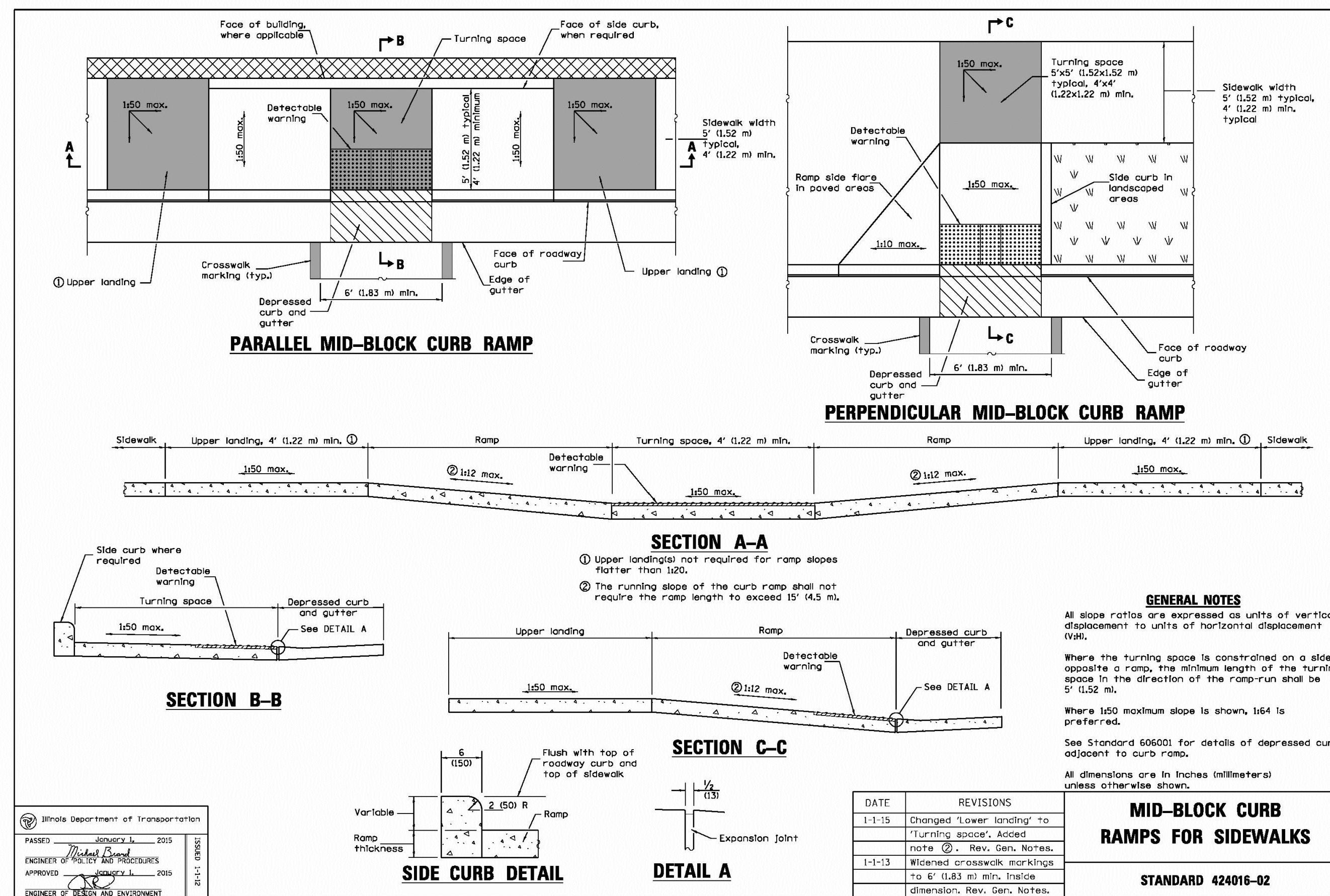
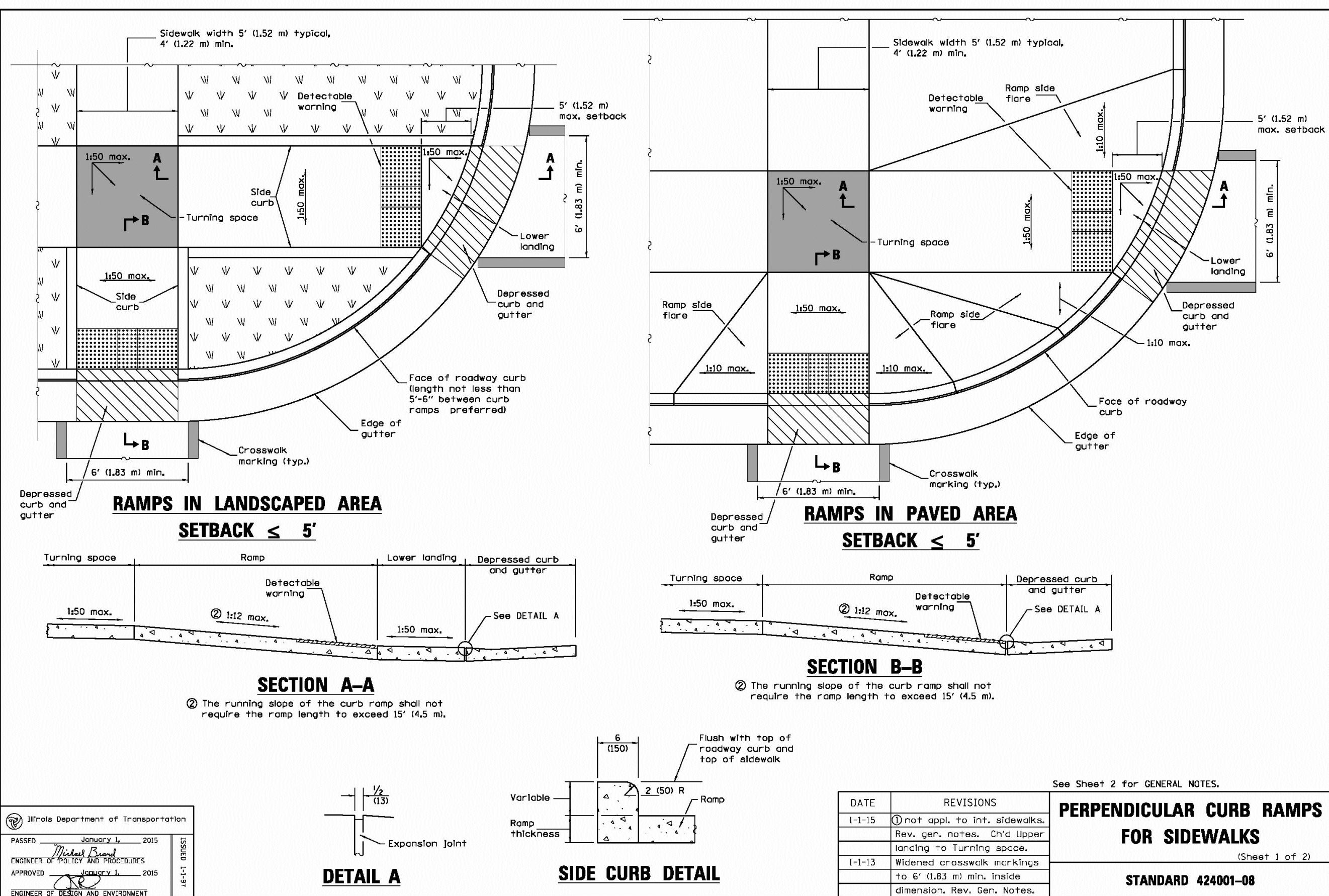
WIDTHS SHOWN ARE APPROXIMATE. FINAL WIDTHS TO BE DETERMINED BY OWNER IN FIELD PRIOR TO INSTALLATION.

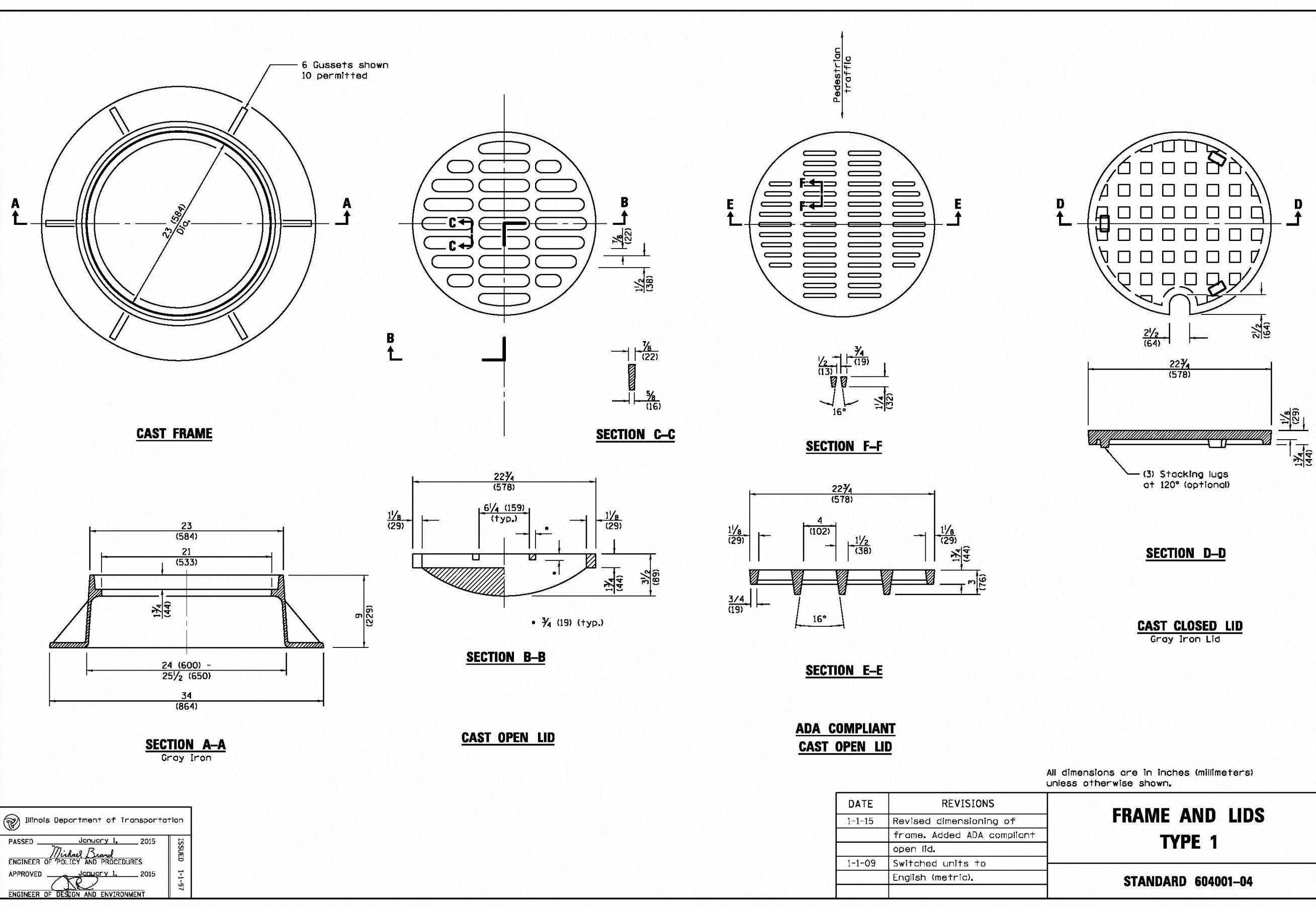
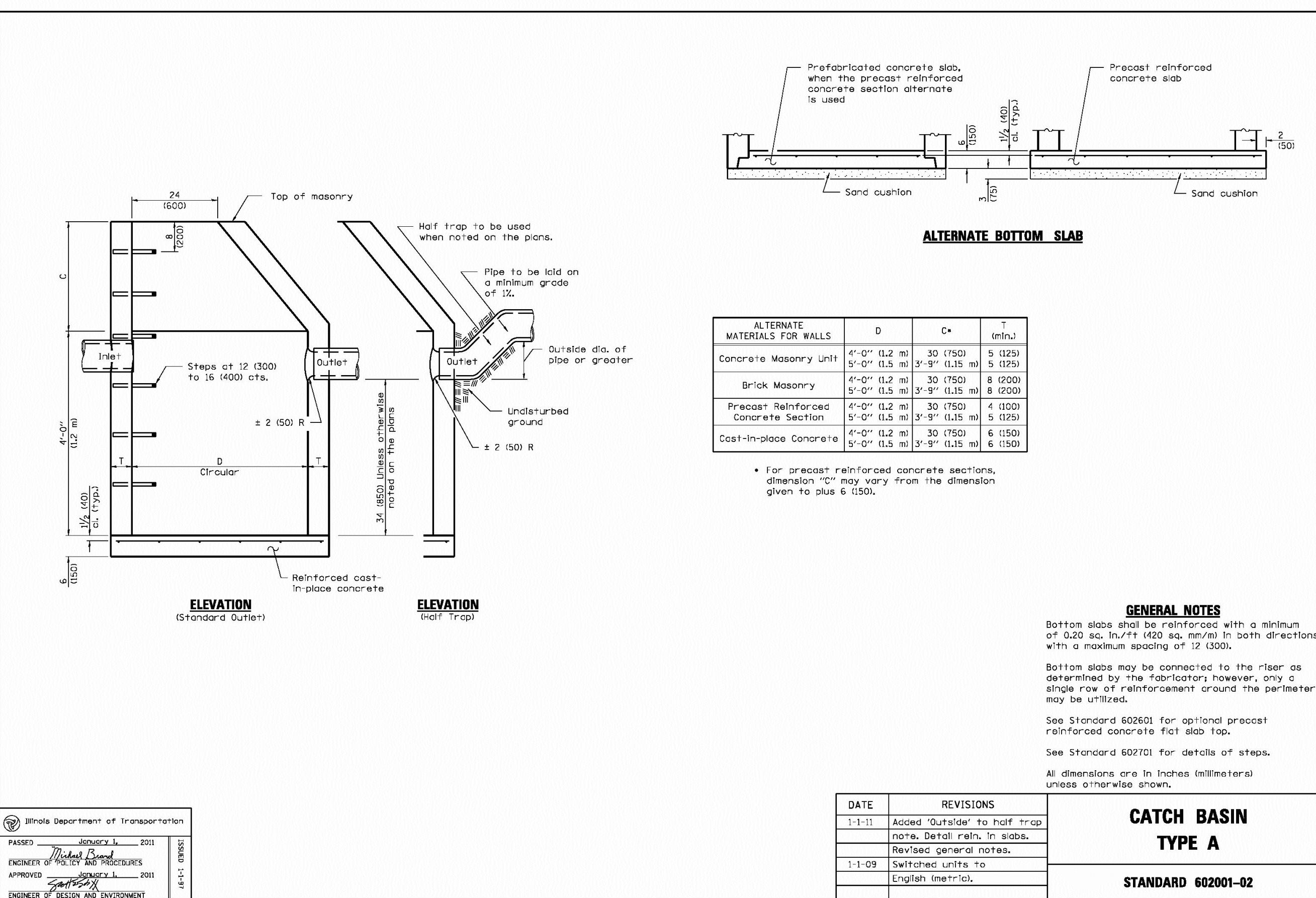
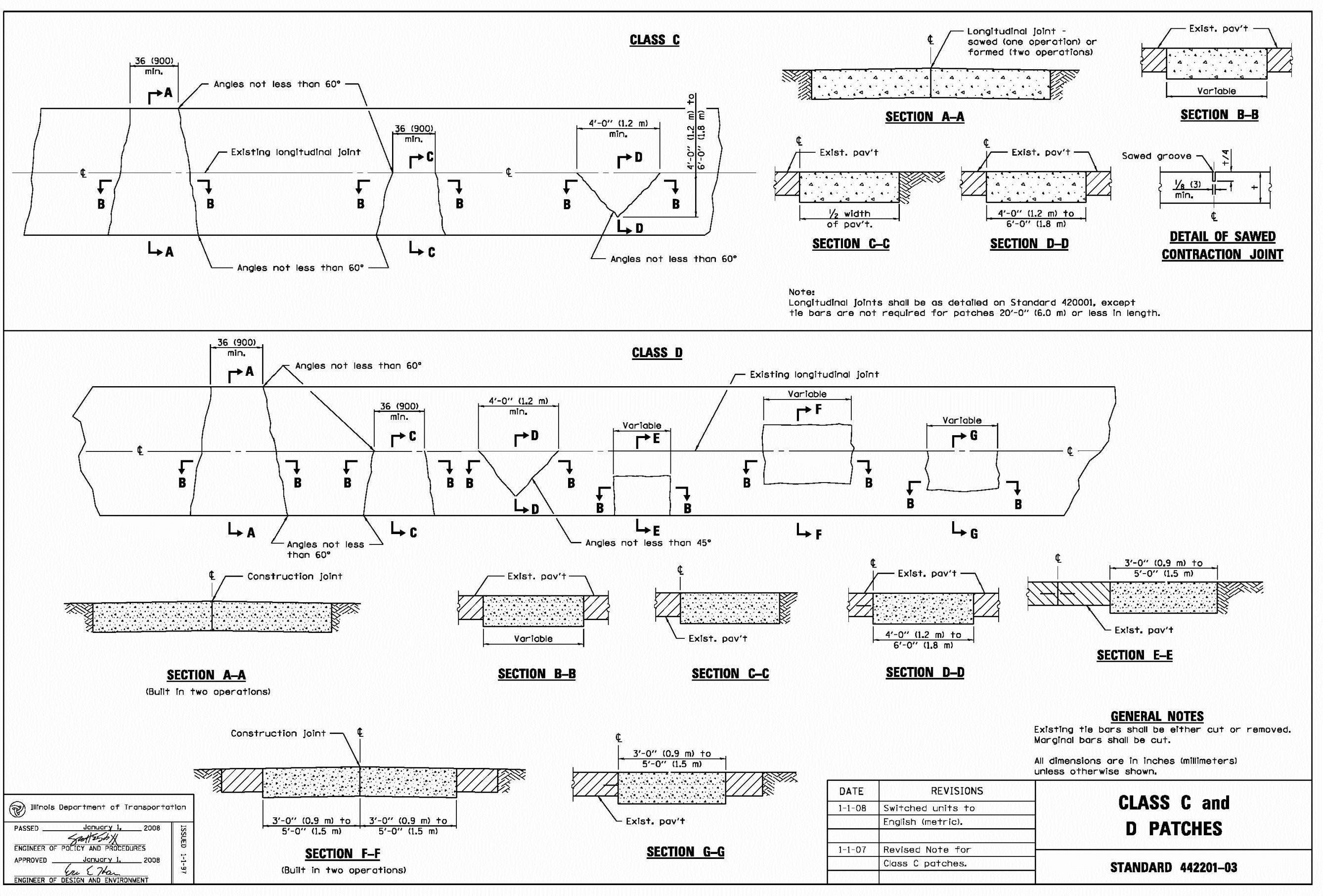
ALL PAVEMENT MARKINGS SHALL BE AS FOLLOWS:

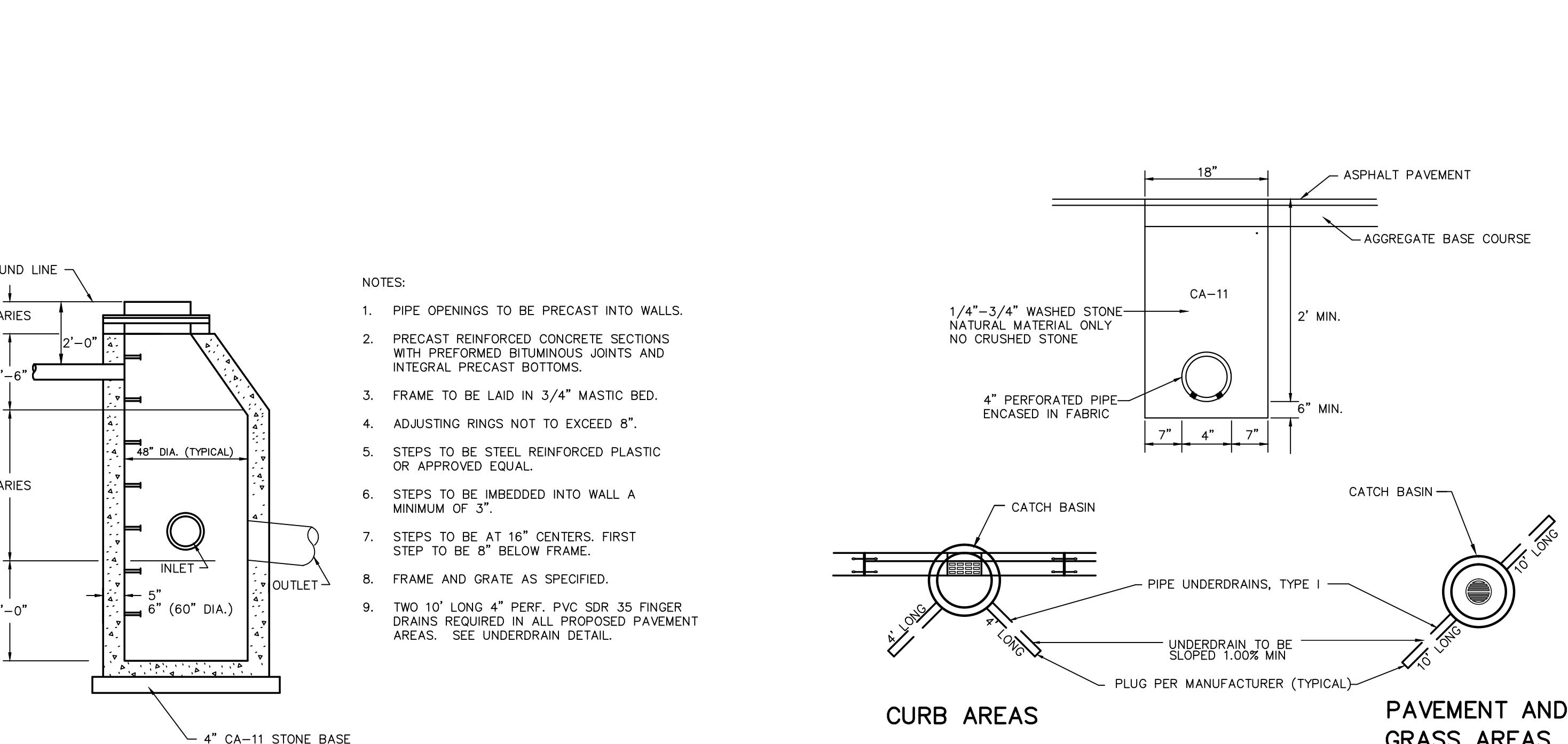
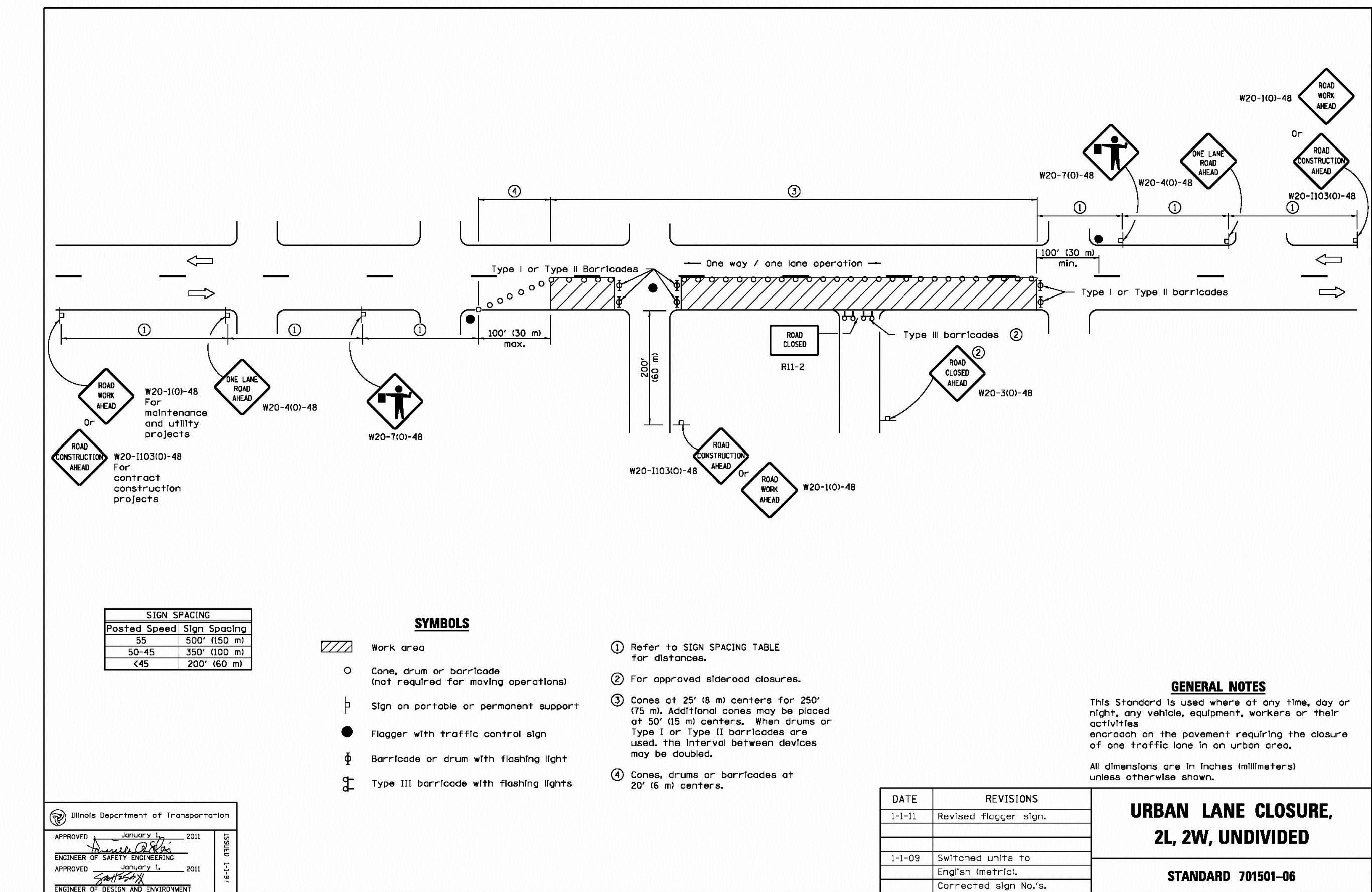
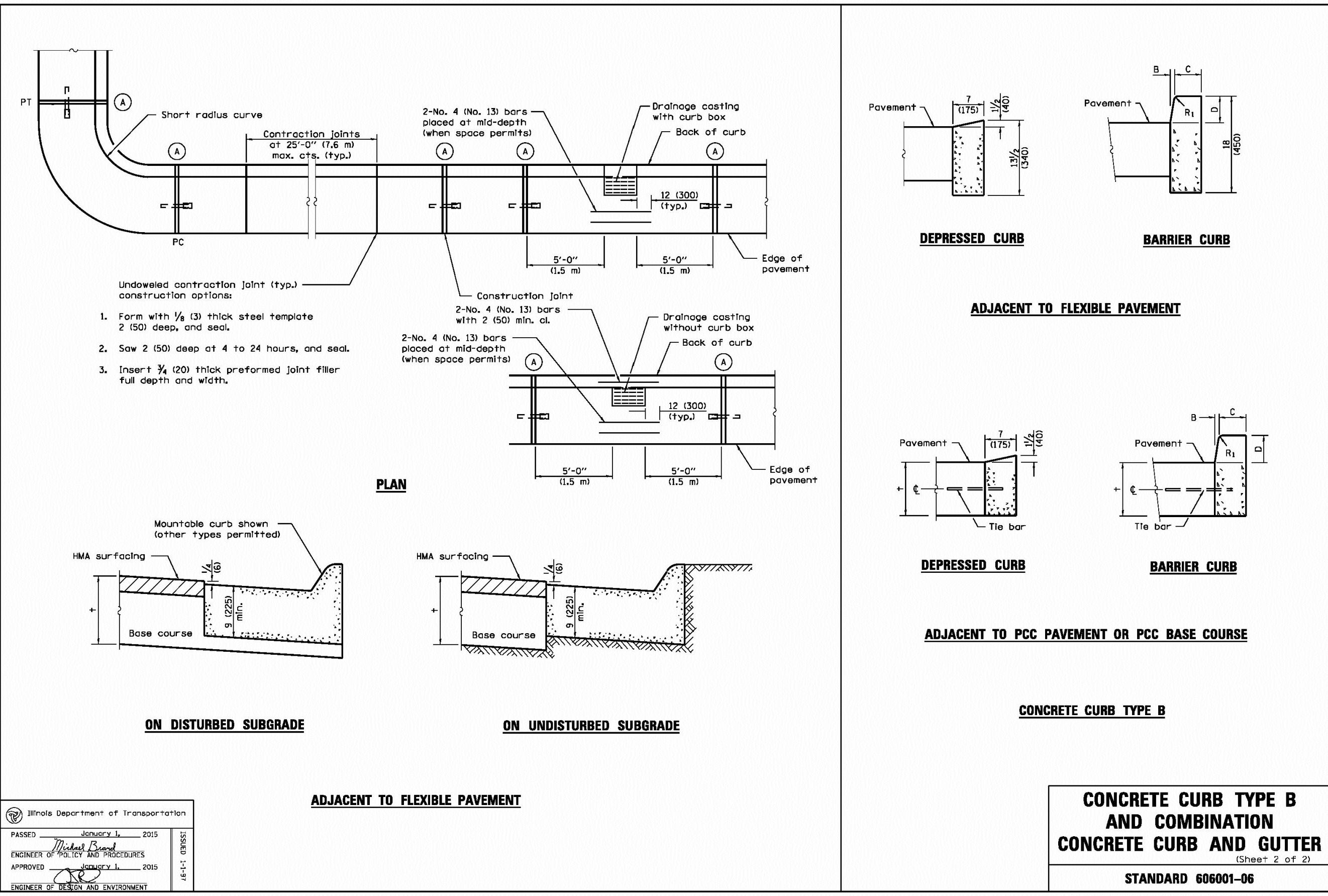
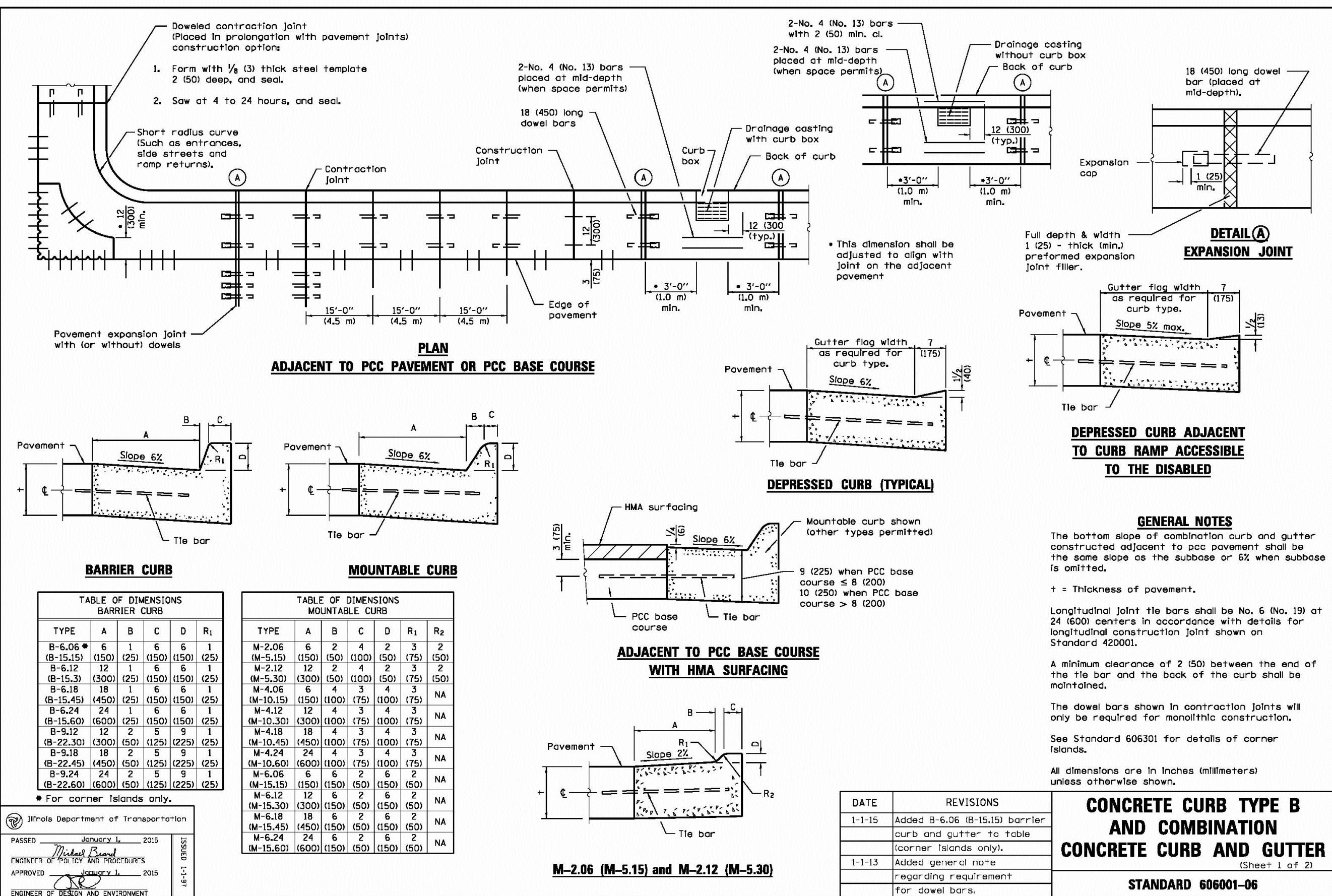
ADA SYMBOLS AND LOADING ZONE SHALL BE YELLOW IN COLOR.

ALL OTHER STALL LINES, SYMBOLS AND HATCHED AREAS SHALL BE WHITE IN COLOR.

ALL DIAGONALLY STRIPED AREAS TO HAVE 3' SPACING OF  
DIAGONAL STRIPES.



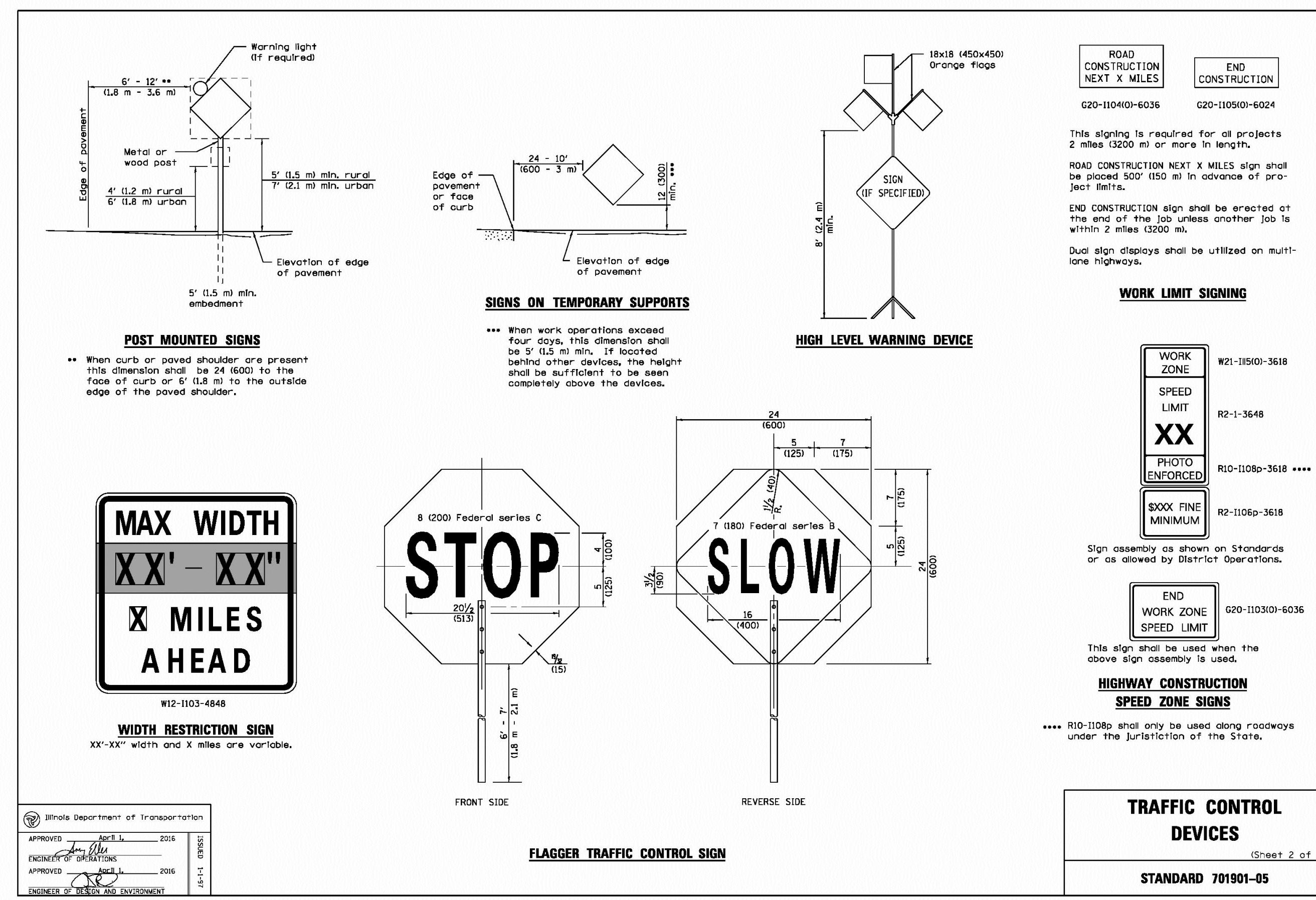
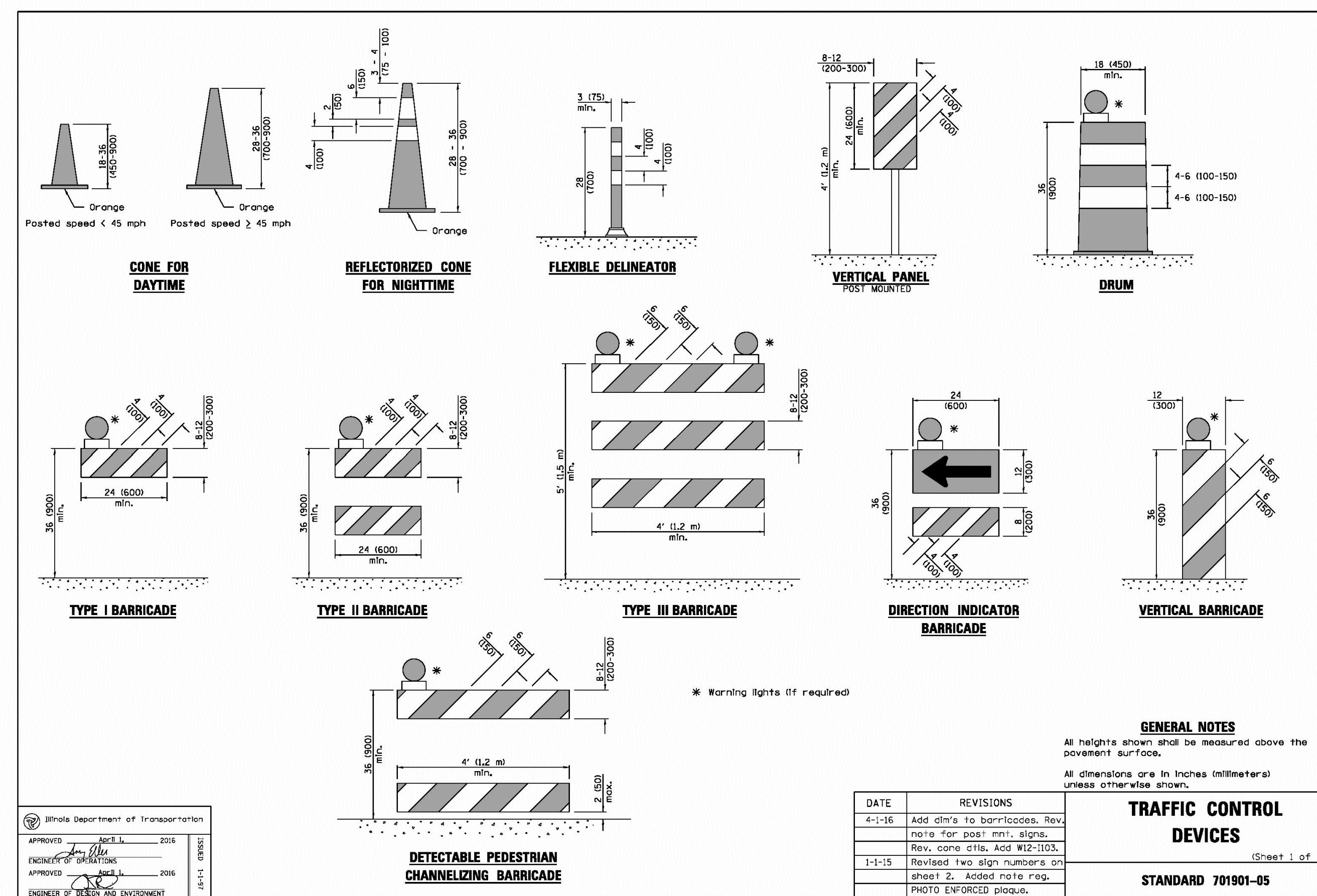
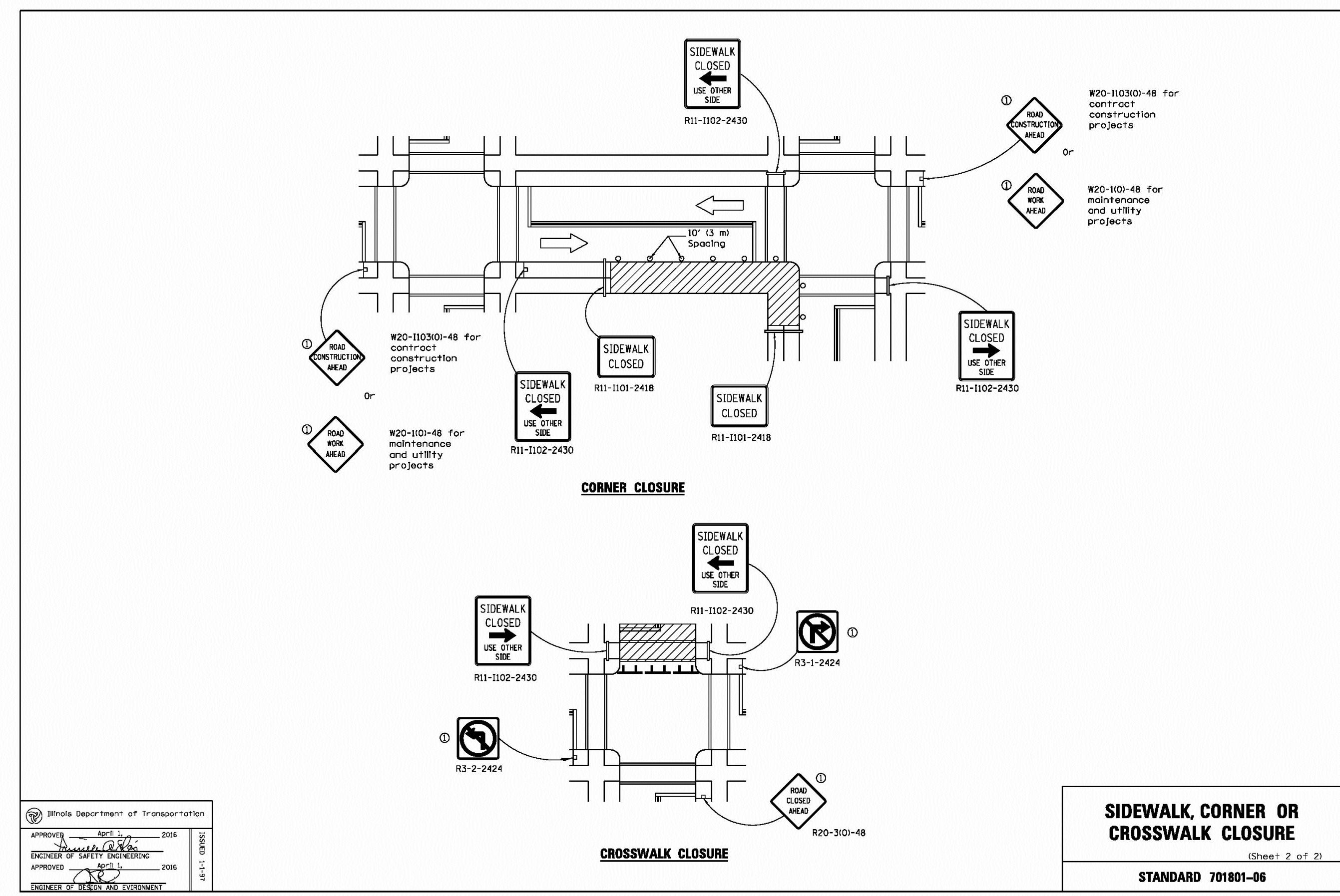
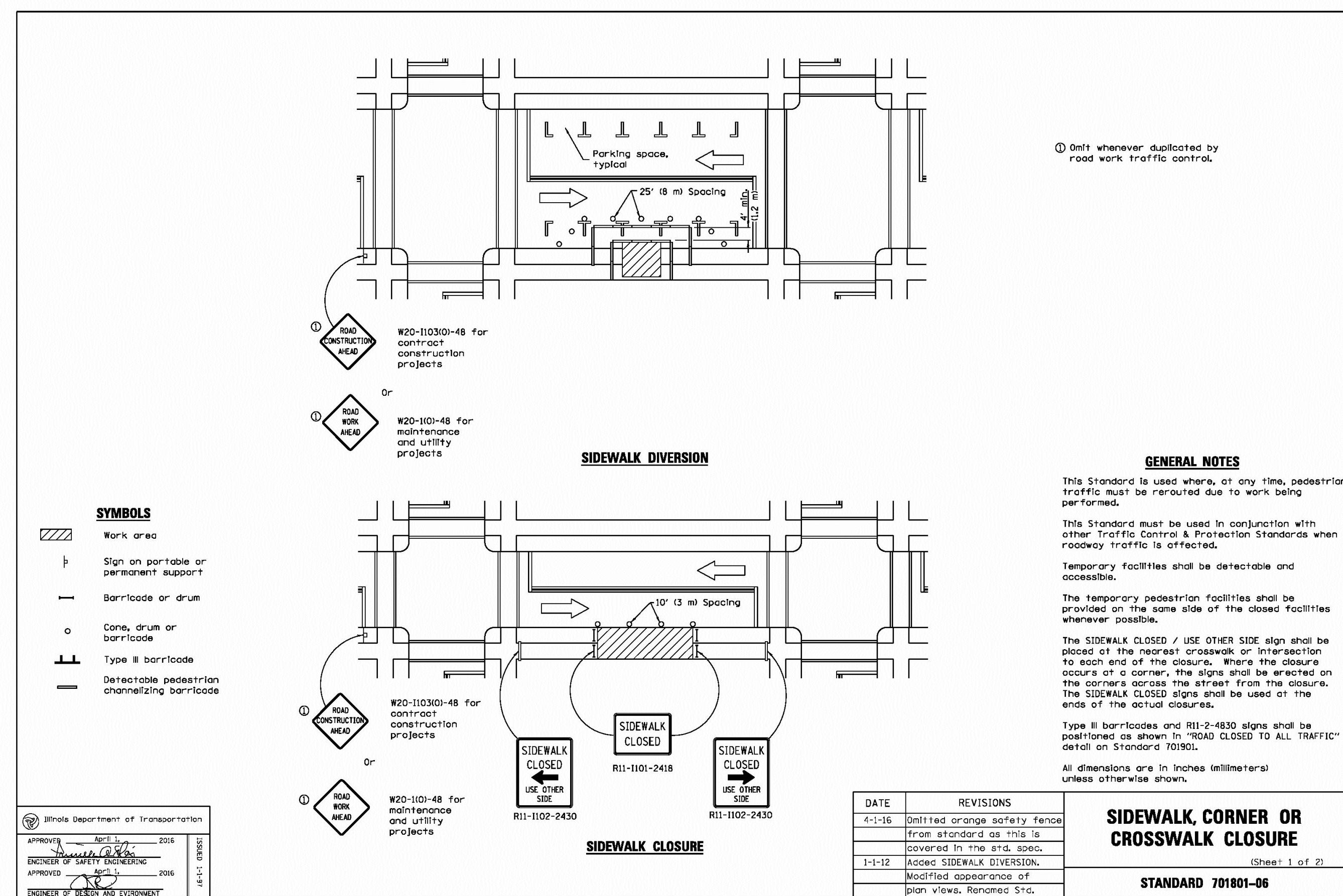


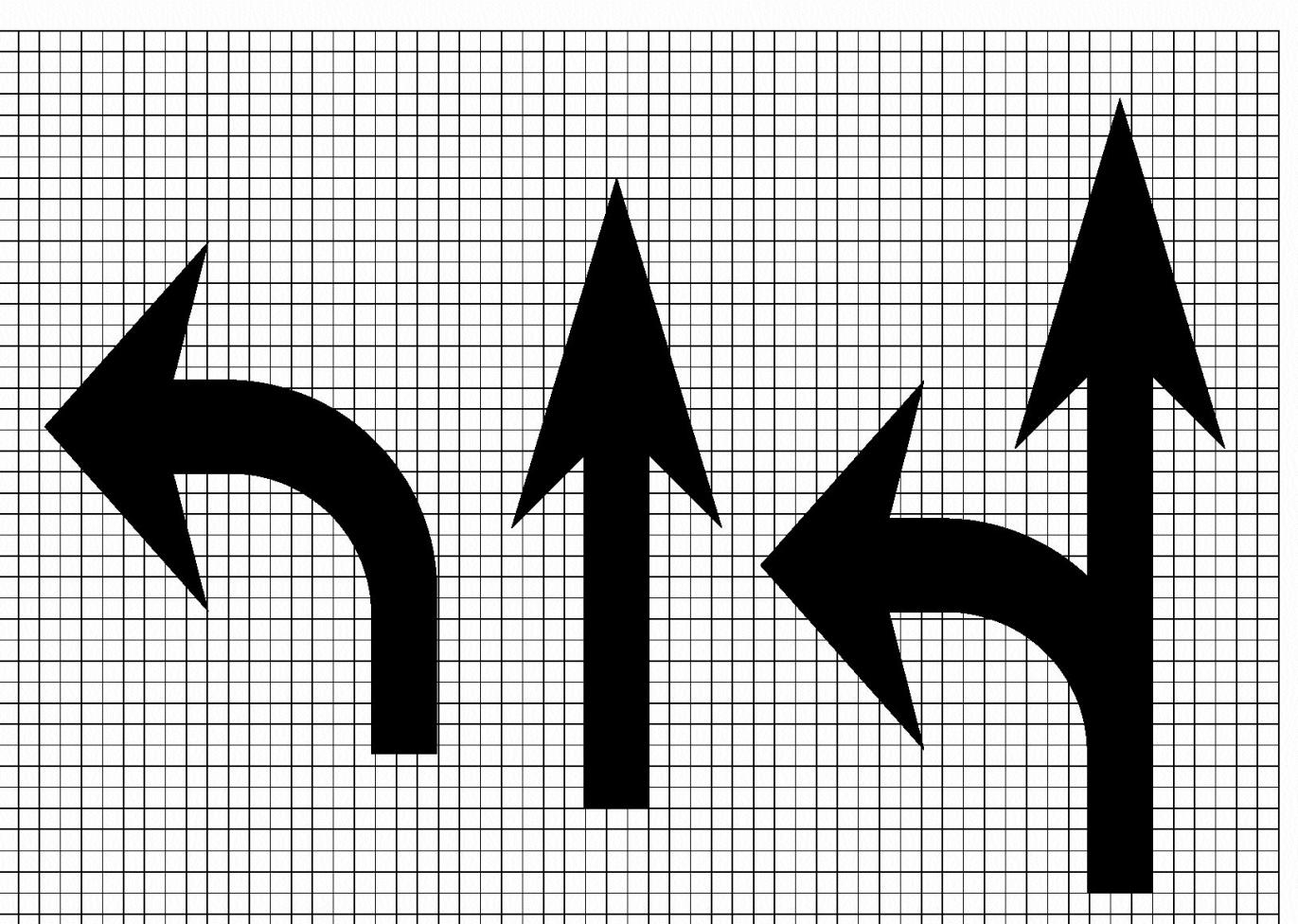
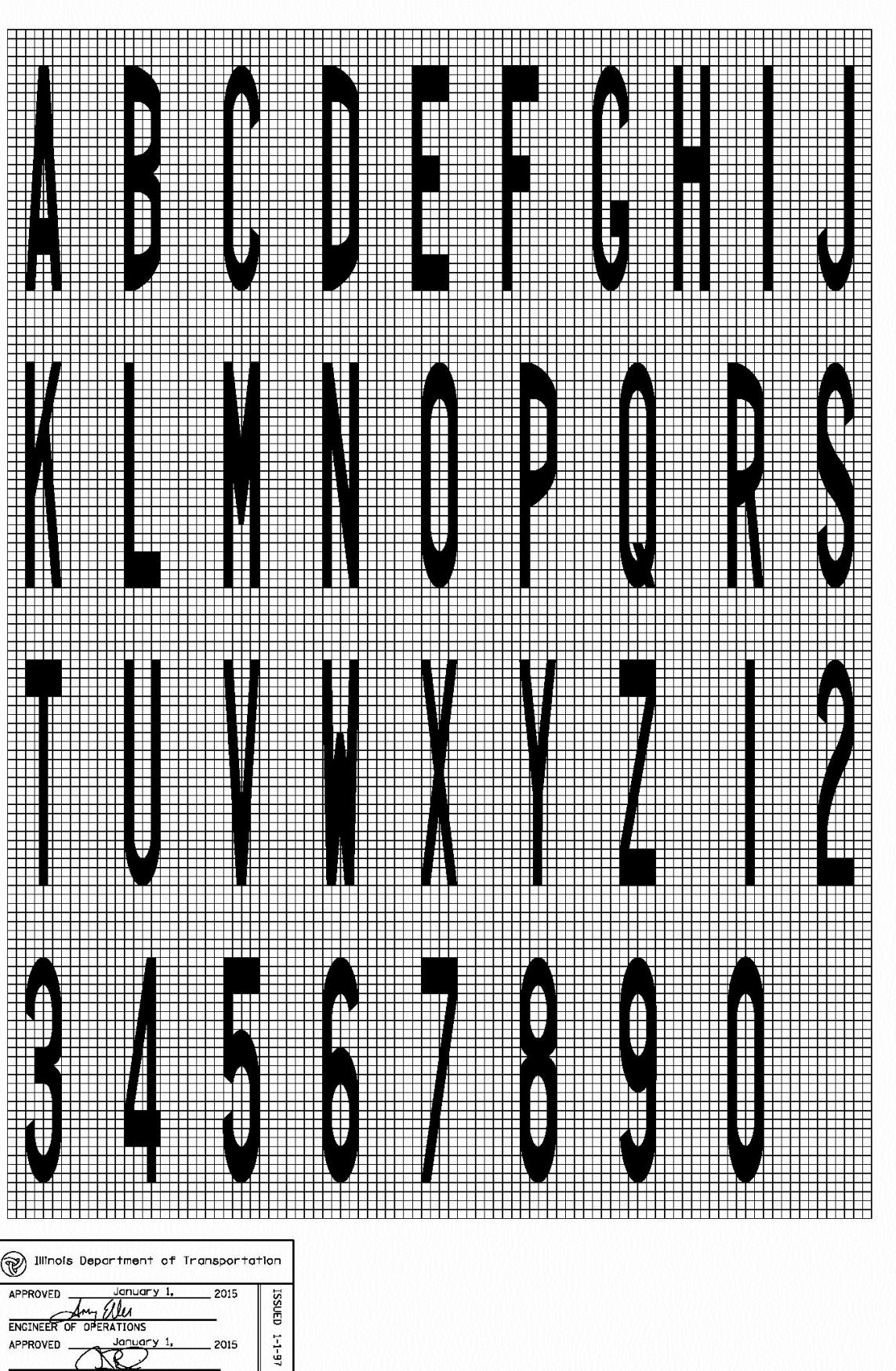
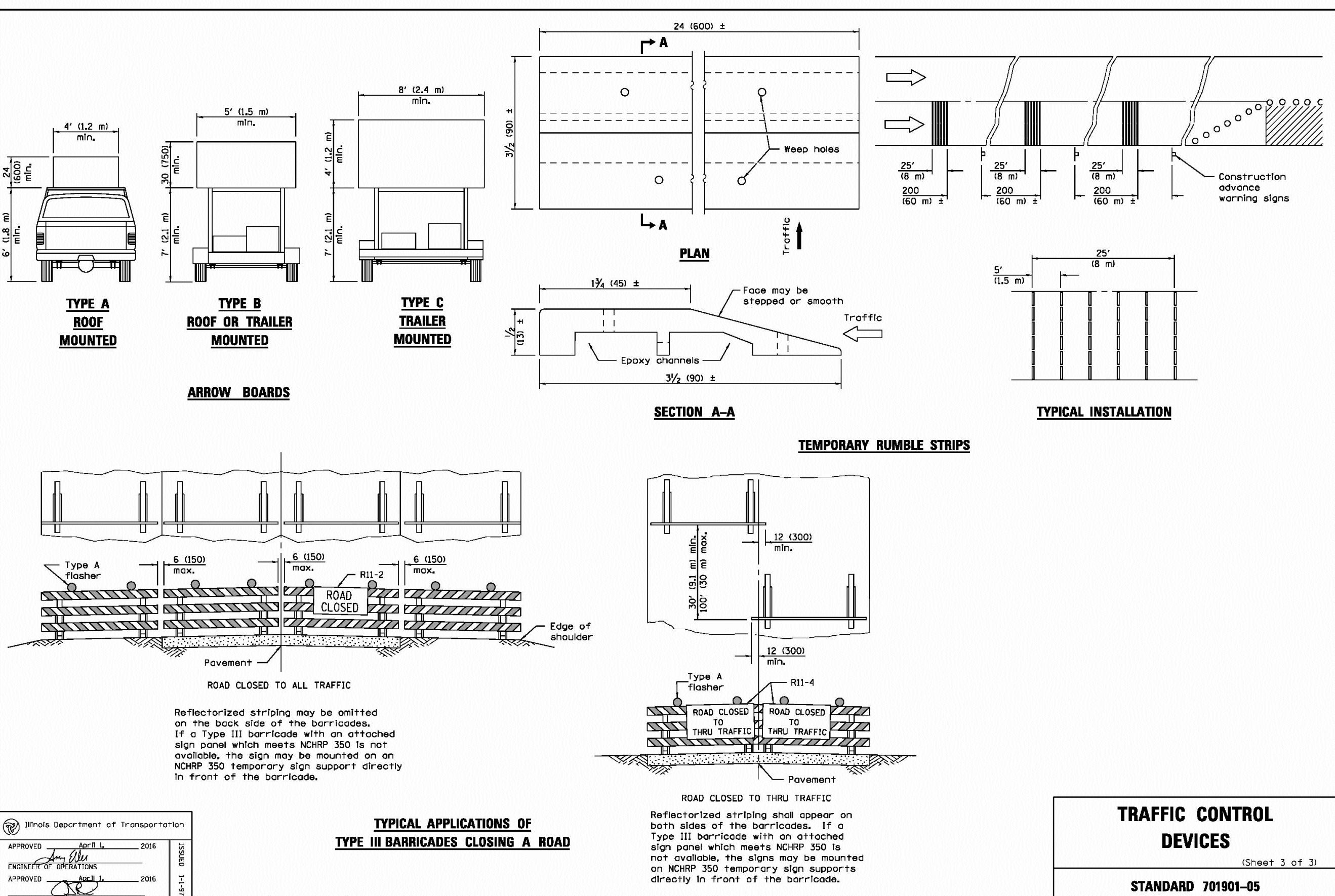


**CATCHBASIN**

**PAVEMENT AND GRASS AREAS**

**FINGERDRAIN DETAIL**

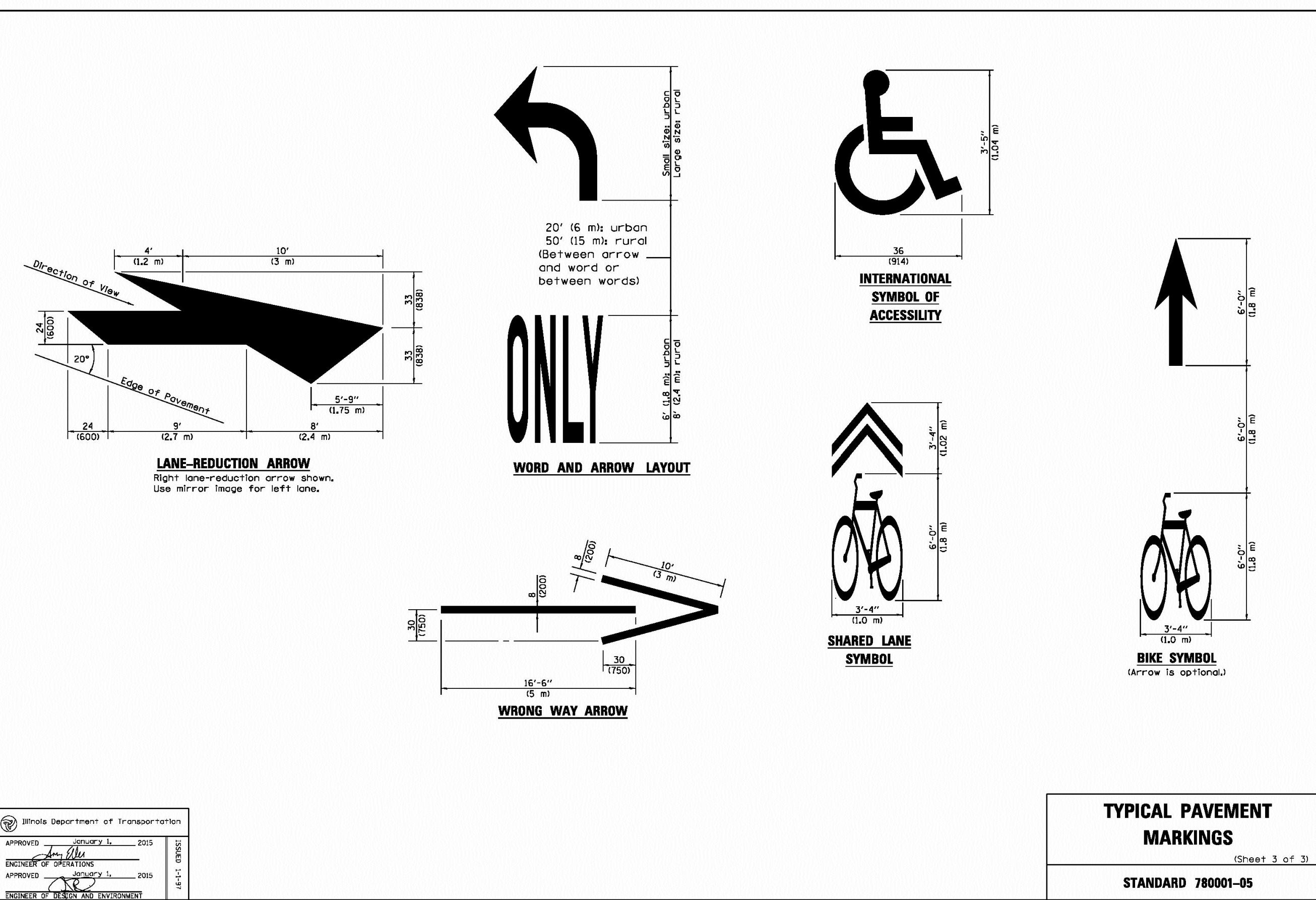
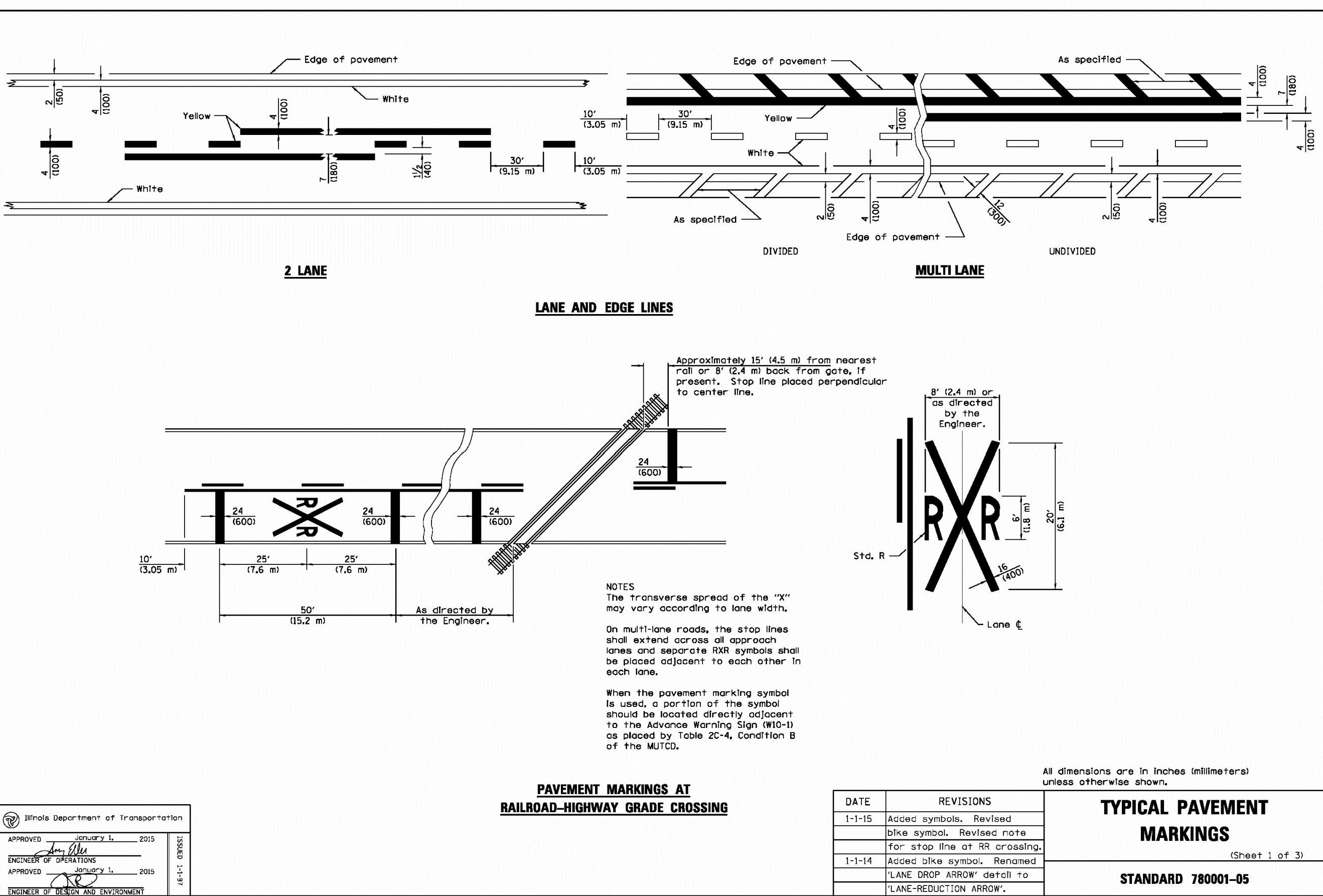




Legend Height	Arrow Size	α
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

space between adjacent letters or  
symbols should be approximately 3 (75) for  
18 m) legend and 4 (100) for 8' (2.4 m) legend.

#### LETTER AND ARROW GRID SCALE



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**PARKING LOT IMPROVEMENT PROJECT**

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**COST PROPOSAL**

Page **1 of 3**

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Company Name

---

Signature of Bidder

Print Name

Title

---

Email Address

---

Address of Company

City

State

Zip Code

---

(Area Code) Phone Number

Date of Bid Response

PLEASE SUBMIT 2 original proposals in sequential order as follows:

- 1) Cost Proposal on forms provided (3 pages total)
- 2) Certification of Compliance
- 3) Contractor Profile and Submittal Requirements
- 4) Certificate of Insurance

Do not submit perforated pages, nor bind your proposal in anything other than paper clips or binder clips.

BIDDER has examined copies of all the bidding Documents and of the following Amendments

(receipt of all which is hereby acknowledged):

Amendment #

Date

Amendment #

Date

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**PARKING LOT IMPROVEMENT PROJECT**

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**COST PROPOSAL**

Page 2 of 3

We hereby agree to furnish and deliver to the City of Wheaton, in accordance with the Terms and Conditions, Specifications, and Contract Requirements as follows:

<b>Summary of Quantities - Parking Lots 2 &amp; 7</b>							
No.	SP	Code No.	Item	Unit	Unit Cost	Quantity	Total
1		20101000	Temporary Fence	Foot		28	
2		20101200	Tree Root Pruning	Each		1	
3		20200100	Earth Excavation	Cu Yd		217	
4		20201200	Removal and Disposal of Unsuitable Material	Cu Yd		95	
5		20700220	Porous Granular Embankment	Cu Yd		95	
6		21101615	Topsoil Furnish and Place 4"	Sq Yd		130	
7		25200110	Sodding, Salt Tolerant	Sq Yd		130	
8		28000510	Inlet Filters	Each		14	
9		35101600	Aggregate Base Course, Type B, 4"	Sq Yd		164	
10		35102000	Aggregate Base Course, Type B, 8"	Sq Yd		362	
11		40603335	Hot-Mix Asphalt Surface Course, Mid "D", N-50	Ton		583	
12		40700100	Bituminous Materials (Tack Coat)	Pound		507	
13		42300200	Portland Cement Concrete Driveway Pavement, 6 Inch	Sq Yd		36	
14		42400200	Portland Cement Concrete Sidewalk 5 Inch	Sq Ft		518	
15		42400300	Portland Cement Concrete Sidewalk 6 Inch	Sq Ft		112	
16		42400800	Detectable Warnings	Sq Ft		50	
17		44000157	Hot-Mix Asphalt Surface Removal 2"	Sq Yd		3,741	
18		44000200	Driveway Pavement Removal	Sq Yd		36	
19		44000500	Combination Curb and Gutter Removal	Foot		177	
20		44000600	Sidewalk Removal	Sq Ft		630	

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**PARKING LOT IMPROVEMENT PROJECT**

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**COST PROPOSAL****Page 3 of 3**

We hereby agree to furnish and deliver to the City of Wheaton, in accordance with the Terms and Conditions, Specifications, and Contract Requirements as follows:

<b>Summary of Quantities - Parking Lots 2 &amp; 7</b>							
<b>No.</b>	<b>SP</b>	<b>Code No.</b>	<b>Item</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Quantity</b>	<b>Total</b>
21		60108104	Pipe Underdrains, Type 1, 4"	Foot		50	
22		60200105	Catch Basins, Type A, 4'-Diameter, Type 1 Frame, Open Lid	Each		2	
23		60250200	Catch Basins to be Adjusted	Each		9	
24		60500050	Removing Catch Basins	Each		2	
25		60603800	Combination Concrete Curb and Gutter Type B-6.12	Foot		298	
26		60618300	Concrete Median Surface 4"	Sq Ft		1,476	
27		78001100	Paint Pavement Marking - Letters and Symbols	Sq Ft		30	
28		78001110	Paint Pavement Marking - Line 4"	Foot		2,388	
29	X	X5537700	Storm Sewers to be Cleaned	Foot		45	
30	X	Z0013798	Construction Layout	L Sum		1	
31	X	Z0036200	Paint Curb	Foot		36	
32	X		Class D Patches, 5 Inch	Sq Yd		1,400	
<b>Project Total</b>							

Firm Name\_\_\_\_\_

Signature\_\_\_\_\_

Job Title\_\_\_\_\_

Print Name\_\_\_\_\_

Date Signed\_\_\_\_\_

## PARKING LOT IMPROVEMENT PROJECT

### CERTIFICATION OF COMPLIANCE

The undersigned, being first duly sworn an oath, deposes and states that he/she has the authority to make this certification on behalf of the bidder for the product, commodity, or service and:

(A) The undersigned certifies that, pursuant to 720 ILCS Act 5, Article 33E of the Illinois Compiled Statutes, the bidder is not barred from bidding on this contract as a result of a conviction for the violation of State of Illinois laws prohibiting bid-rigging or bid-rotating.

(B) The undersigned certifies that, pursuant to 65 ILCS 5/11-42.1-1 of the Illinois Compiled Statutes, the bidder is not delinquent in the payment of any tax administered by the Illinois Department of Revenue.

(C) The undersigned certifies that, pursuant to 30 ILCS 580/3, Section 3 the bidder deposes, states and certifies it will provide a drug free workplace by complying to the Illinois Drug Free Workplace Act.

(D) The undersigned certifies that, pursuant to 820 ILCS 130/1-12 of the Illinois Compiled Statutes, the bidder, when required, is in compliance to all requirements of the Prevailing Wage Act.

(E) The undersigned certifies that, pursuant to 30 ILCS 570/ Section 5 Article 2 of the Illinois Compiled Statutes, the bidder is in compliance to all requirements of the Employment of Illinois Workers on Public Works Act.

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(F) The undersigned certifies that they agree to fulfill all Requirements, Specifications, Terms and Conditions.

(G) The undersigned certifies that they agree to fulfill all Contract Requirements.

(H) The undersigned certifies that they agree to present alternative Greener products/processes to the City for consideration in this work.

#### Check One:

**There are no conflicts of interest;** In the event that a conflict of interest is identified anytime during the duration of this award, or reasonable time thereafter, you, your firm, or your firm's ownership, management or staff will immediately notify the City of Wheaton in writing.

**There is an affiliation or business relationship** between you, your management or staff, your firm, or your firm's ownership, and an employee, officer, or elected official of the City of Wheaton who makes recommendations to the City of Wheaton with respect to expenditures of money, employment, and elected or appointed positions. Provide any and all affiliations or business relationships that might cause a conflict of interest or any potential conflict of interest. Include the name of each City of Wheaton affiliate with whom you, your firm, or your firm's ownership, management or staff, has an affiliation or a business relationship.

**This Business Firm is:** (check one)  a Corporation  a Partnership  an Individual  an LLC

Firm Name: \_\_\_\_\_

Firm Address: \_\_\_\_\_  
\_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Position: \_\_\_\_\_

Phone #: \_\_\_\_\_

Fax #: \_\_\_\_\_

e-mail address: \_\_\_\_\_

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

#### Operational Contact for this work

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

Phone #: \_\_\_\_\_

e-mail: \_\_\_\_\_

#### Sales Contact

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

Phone #: \_\_\_\_\_

e-mail: \_\_\_\_\_

#### Billing Contact

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

Phone #: \_\_\_\_\_

e-mail: \_\_\_\_\_

**Signed this Agreement affirms that the original solicitation document has not been altered in any**

## PARKING LOT IMPROVEMENT PROJECT

### CONTRACTOR PROFILE AND SUBMITTAL REQUIREMENTS

The Contractor shall attach to this proposal:

**This completed form**

**Evidence of Experience and Capabilities:**

1. Experience as evidenced by a listing of five (5) references which demonstrate previous successful projects completed by the installer for comparable system during the last three (3) years.

Years in business: \_\_\_\_\_

Years in business under this name: \_\_\_\_\_

Years performing this type of work: \_\_\_\_\_

2. Work History

Value of work: completed in past 12 months: \$ \_\_\_\_\_ now under contract: \$ \_\_\_\_\_

Number of Clients: serviced in past 12 months: \_\_\_\_\_ now under contract: \_\_\_\_\_

**Work Specific Knowledge and Ability**

3. A certification from the product manufacturer stating that the installer has been trained and approved in the installation of the product to be used. Certification letter shall be dated within twelve (12) months of bid date.
4. Manufacturer's product literature, installation recommendations, technical data sheets for each product used, including ASTM test results indicating the product conforms to and is suitable for its intended use per these specifications.
5. Manufacturer's certification that the products to be used meet the applicable referenced standards and these specifications.
6. Attach a list of the areas of work that will be performed by a sub-contractor.

**Availability and Lead Time**

7. A properly executed Contractor's Qualification statement (AIA document A305).

**Safe Risk**

8. An Insurance Certificate as evidence that the company is insured

9. Warranty Statement

10. Answer the following questions:

Has your firm: Failed to complete a contract? Yes No  
Been involved in bankruptcy or reorganization? Yes No  
Pending judgment claims or suits against firm? Yes No

Have you had any: OSHA fines within the last three (3) years? Yes No  
Job related fatalities within the last five (5) years? Yes No

**If you have answered Yes to any of the above questions, you MUST submit, on a separate sheet, the details describing the circumstances surrounding each incident.**

Firm Name \_\_\_\_\_

Signature \_\_\_\_\_

Job Title \_\_\_\_\_

Print Name \_\_\_\_\_

Date Signed \_\_\_\_\_

## **CUSTOMIZED MAILING LABEL FOR SEALED BID**

**XXXXXX CUT OUT XXXXXX**

*Cut along outer border and affix this label to your sealed bid envelope to identify it as a "Sealed Bid".*

**SEALED BID – DO NOT OPEN**

**PROPOSAL FOR:  
PARKING LOT IMPROVEMENT PROJECT**

**PROPOSAL FROM:** (Insert your company name below)

-----  
Sealed Bids Due: March 1, 2017 before 11:00 a.m.

Public Bid Opening: March 1, 2017 at 11:00 a.m.

**TO BE OPENED BY PROCUREMENT OFFICER**

**MAIL TO:**

**Procurement Office  
City of Wheaton / City Hall  
P.O. BOX 0727  
303 West Wesley Street  
Wheaton, IL 60187-0727**

This number must appear on all  
invoices and documents  
No. C \_\_\_\_\_

**Agreement Between the City of Wheaton, Illinois  
and \_\_\_\_\_**

**PARKING LOT IMPROVEMENT PROJECT**

**This Agreement** is entered into by and between the City of Wheaton, an Illinois municipal corporation ("City"), 303 West Wesley Street, Wheaton, IL 60187, and \_\_\_\_\_, ("Contractor), *address*.

**WITNESSETH:**

**Whereas**, the City has determined that it is necessary to hire a contractor to provide labor, and/or materials and/or equipment to perform Parking Lot Improvement Project (hereinafter the "Work") as more fully recited in the Invitation to Bid issued February 2017, which is incorporated herein as Exhibit A [Exhibit A will be the City Solicitation Package]; and

**Whereas**, the City has heretofore requested proposals for the work, materials, and services necessary to perform the services and complete all the work as specified in Exhibit A; and

**Whereas**, the Contractor did submit a proposal to the City for the Work specified, which is attached hereto and incorporated herein as Exhibit B [Exhibit B will be the proposal.]; and

**Whereas**, the City did on the \_\_\_\_\_ day of \_\_\_\_\_, 2017, select the Contractor for the work specified in this Agreement and Exhibits.

Now, therefore, for in consideration of their mutual promises, terms, covenants, agreements, and conditions recited in this Agreement, the City and the Contractor hereto do hereby agree as follows:

1. **Scope of Services.** The Recital paragraphs are incorporated herein as substantive terms and conditions of this Agreement and as representing the intent of the Parties. Any inconsistency between the Work as stated by the City and the work as proposed by the contractor shall be controlled by the Work as stated by the City unless specifically varied in writing to the contrary in this paragraph.

The Contractor shall furnish all labor, materials, and equipment to provide and perform the Work. The Contractor represents and warrants that it shall perform the Work in a manner consistent with the level of care and skill customarily exercised by other professional contractors under similar circumstances. The contractor shall be responsible for the work performed under the Contract Documents and every part thereof, and for all materials, tools, equipment, appliances, and property of any and all description used in connection with the Work. The contractor assumes all risks for direct and indirect damage or injury to the property or persons used or employed on or in connection with the Work contracted for, and of all damage or injury to any person or property wherever located, resulting from any action, omission, commission, or operation under this contract, or in any way whatsoever with the Work.

2. **Compensation.** The City shall compensate the Contractor per the terms of the Contractor's proposal which is attached hereto as Exhibit B,

3. **Waivers of Lien:** The City reserves the right to require waivers of lien before payment where the City deems it to be in its best interest to do so.

4. Term of Agreement. This Agreement shall become effective upon the latter of the date accepted and signed by the City and the date accepted and signed by the Contractor and shall terminate upon the written approval of the City's Project Manager. The City, at its option, may extend this Agreement for an additional term if the Contractor holds firm to the original proposal prices, conditions, and specifications.

5. Time is of the Essence. Time is of the essence in the performance of all the terms and conditions of this agreement. Failure to meet stated terms may result in Liquidated Damages in the amount of \$500.00 per calendar day beyond the delivery date specified.

6. Additional Services. The Contractor shall provide only the Work specified in this Agreement and attached Exhibits. In the event the Contractor, Engineer or the City determines that additional goods and/or services are required to complete the Work, such additional goods shall not be provided and/or such additional services shall not be performed unless authorized in writing by the City via the attached change order form [Exhibit C will be the Change Order Form]. Terms, frequency, and prices for additional work shall be as mutually agreed upon in writing by the City and the Contractor.

7. Integration. The provisions set forth in this Agreement represent the entire agreement between the parties and supersede all prior agreements, contracts, promises, and representations, as it is the intent of the parties to provide for a complete integration within the terms of this Agreement. This Agreement may be modified only by a further written agreement between the parties, and no modification shall be effective unless properly approved and signed by each party via change order or amendment. No course of conduct before, or during the performance of this Agreement, shall be deemed to modify, change, or amend this Agreement.

8. Waiver. Any failure of either the City or the Contractor to strictly enforce any term, right, or condition of this Agreement, whether implied or expressed, shall not be construed as a waiver of such term, right, or condition.

9. Compliance with Laws. The Contractor shall comply with all applicable federal, state, and local laws, rules, and regulations, and all City ordinances, rules, and regulations now in force or hereafter enacted, in the provision of the goods and/or performance of the services required under this Agreement.

10. Freedom of Information Act: The Contractor shall, within twenty-four hours of the City's request, provide any documents in the Contractor's possession related to the contract which the City is required to disclose to a requester under the Illinois Freedom of Information Act. This provision is a material covenant of this Agreement. Contractor agrees to not apply any costs or charge any fees to the City regarding the procurement of records required pursuant to a FOIA request. Should Contractor request that City utilize a lawful exemption under FOIA in relation to any FOIA request thereby denying that request, Contractor agrees to pay all costs connected therewith (such as reasonable attorney's and witness fees, filing fee, and any other expenses) to defend the denial of the request. The defense shall include, but not be limited to, challenged or appealed denials of FOIA requests to either the Illinois Attorney General or a court of competent jurisdiction. Contractor agrees to defend, indemnify, and hold harmless City, and agrees to pay all costs connected therewith (such as reasonable attorney's and witness fees, filing fees and any other expenses) to defend any denial of a FOIA request by Contractor's request to utilize a lawful exemption to City.

11. Discrimination Prohibited. The Contractor shall comply with the provisions of the Illinois Human Rights Act, as amended, 775 ILCS 5/1-101 et seq. (1992 State Bar Edition), and with all rules and regulations established by the Department of Human Rights. The Contractor agrees that it will not deny employment

to any person or refuse to enter into any contract for services provided for in this Agreement to be performed on its behalf on the basis of unlawful discrimination as defined in the Illinois Human Rights Act.

12. Prevailing Wage: Where applicable, the contractor and any subcontractors shall comply with all provisions of the Prevailing Wage Act, 820 ILCS 130/1 et seq., or any successor statute, and the documents entitled "Special Provisions for: Wages of Employees on Public Works," and "DuPage County Prevailing Wage for ..." which are attached hereto and incorporated as an Addendum 2. Rates reflected in the Addendum are subject to change. The City of Wheaton provides no legal advice or opinion whether the Act is or is not applicable to this contract.

13. Status of Independent Contractor. Both City and Contractor agree that Contractor will act as an Independent Contractor in the performance of the Work. Accordingly, the Independent Contractor shall be responsible for payment all taxes including federal, state, and local taxes arising out of the Contractor's activities in accordance with this agreement, including by way of illustration but not limitation, federal and state income tax, social security tax, and any other taxes or license fees as may be required under the law. Contractor further acknowledges under the terms of this Agreement, that it is not an agent, employee, or servant for the City for any purpose, and that it shall not hold itself out as an agent, employee, or servant of the City under any circumstance for any reason. Contractor is not in any way authorized to make any contract, agreement, or promise on behalf of City, or to create any implied obligation on behalf of City, and Contractor specifically agrees that it shall not do so. City shall have no obligation to provide any compensation or benefits to Contractor, except those specifically identified in this Agreement. City shall not have the authority to control the method or manner by which Contractor complies with the terms of this Agreement.

14. Assignment; Successors and Assigns. Neither this Agreement, nor any part, rights, or interests hereof, may be assigned, to any other person, firm, or corporation without the written consent of all other parties. Upon approval of assignment, this Agreement and the rights, interests and obligations hereunder shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.

15. Non-disclosure. During the course of the Work Contractor may have access to proprietary and confidential information including, but not limited to, methods, processes, formulae, compositions, systems, techniques, computer programs, databases, research projects, resident name and address information, financial data, and other data. Contractor shall not use such information for any purpose other than described in this Agreement and Exhibits and shall not directly or indirectly disclose or disseminate such information to any third party without the express written consent of the City.

16. Hold Harmless and Indemnification. The Contractor shall defend, hold harmless, and indemnify the City, its directors, officers, employees, agents, and elected officials, in whole or in part from and against any and all liabilities, losses, claims, demands, damages, fines, penalties, costs, and expenses, judgment, or settlement, including, but not limited to, reasonable attorneys' fees and costs of litigation including reasonable expert witness, and all causes of action of any kind or character, that may be incurred as a result of bodily injury, sickness, death, or property damage or as a result of any other claim or suit of any nature whatsoever arising from or in any manner connected with directly or indirectly, the negligent acts, errors, omissions, or intentional acts or omissions, or omissions of any agent, subcontractor, or contractor hired to perform any services on behalf of the Contractor.

17. Patents: The successful contractor agrees to protect, defend, and save the City harmless against any demand for payment for the use of any patented material process, article, or device that may enter into the manufacture and construction, or form a part of the work covered by the contract.

18. Termination of Contract. If the Contractor fails to perform according to the terms of this Agreement, then the City may terminate this Agreement upon seven (7) days written notice to the Contractor. In the event of a termination, the City shall pay the Contractor for services performed as of the effective date of termination, less any sums attributable, directly or indirectly, to Contractor's breach. The City shall have the right to terminate this Agreement, without cause, upon twenty-one (21) days written notice to the Contractor. The Contractor shall be paid for all work performed in conformance with the Agreement through the effective date of the not for cause termination. The written notice required under this paragraph shall be either (i) served personally during regular business hours; (ii) served by facsimile data transmission during regular business hours; (iii) by e-mail or (iv)served by certified or registered mail, return receipt requested, addressed to the address listed in this Agreement with postage prepaid and deposited in the United States mail. Notice served personally and by facsimile data transmission shall be effective upon receipt, and notice served by United States mail shall be effective three (3) business days after mailing.

19. Cancellation for Unappropriated Funds: The obligation of the City for payment to a Contractor is limited to the availability of funds appropriated in a current fiscal period, and continuation of the contract into a subsequent fiscal period is subject to appropriation of funds, unless otherwise authorized by law.

20. Default. In case of default by the contractor, the City will procure articles or service from other sources and hold the contractor responsible for any excess cost incurred as provided for in Article 2 of the Uniform Commercial Code. The City reserves the right to cancel the whole or any part of the contract if the contractor fails to perform any of the provisions in the contract, fails to make delivery within the time stated, becomes insolvent, suspends any of its operations, or if any petition is filed or proceeding commenced by or against the Seller under any State or Federal law relating to bankruptcy arrangement, reorganization, receivership, or assignment for the benefit of creditors. The contractor will not be liable to perform if situations arise by reason of strikes, acts of God or the public enemy, acts of the City, fires, or floods.

21. Force Majeure. No party hereto shall be deemed to be in default or to have breached any provision of this Agreement as a result of any delay, failure in performance or interruption of services resulting directly or indirectly from acts of God, acts of civil or military disturbance, or war, which are beyond the control of such non-performing party.

22. Other Entity Use. The Contractor may, upon mutual agreement, permit any municipality or other governmental agency to participate in the contract under the same prices and terms and conditions, if agreed to by both the Contractor and the other municipality or governmental agency.

23. Notification. All notification under this Agreement shall be made as follows:

<i>If to the Contractor:</i>	<i>If to the City:</i>
<i>Contractor Name</i>	<i>City of Wheaton</i>
<i>Attn:</i>	<i>Attn: City Clerk</i>
<i>Street Address</i>	<i>303 West Wesley Street Box 727</i>
<i>City, State, Zip</i>	<i>Wheaton, IL 60189-727</i>
<i>Fax #</i>	<i>Fax # 630-260-2017</i>
<i>e-mail</i>	<i>e-mail <a href="mailto:cityclerk@wheaton.il.us">cityclerk@wheaton.il.us</a></i>

24. **Severability.** If any provision of this Contract is held to be illegal, invalid, or unenforceable, such provision shall be fully severable, and this Contract shall be construed and enforced as if such illegal, invalid, or unenforceable provision were never a part hereof; the remaining provisions hereof shall remain in full force and effect and shall not be affected by the illegal, invalid, or unenforceable provision or by its severance; and in lieu of such illegal, invalid, or unenforceable provision there shall be added automatically as part of this agreement, a provision as similar in its terms to such illegal, invalid, or unenforceable provision as may be possible and legal, valid and enforceable.

25. **Recovery of Costs.** In the event the City is required to file any action, whether legal or equitable, to enforce any provision of this Agreement, the City shall be entitled to recover all costs and expenses incurred as a result of the action or proceeding, including expert witness and attorney's fees, if so provided in any order of the Court.

26. **Governing Law.** This agreement is governed by the laws of the State of Illinois. Exclusive jurisdiction for any litigation involving any aspect of this Agreement shall be in the Eighteenth Judicial Circuit Court, DuPage County, Illinois.

In Witness Whereof, the parties have entered into this Agreement this \_\_\_\_\_ day of *month, year*.

City of Wheaton, an Illinois municipal corporation

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

Title: \_\_\_\_\_

Attest:

---

Sharon Barrett-Hagen, City Clerk

Contractor Name

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

Title: \_\_\_\_\_

Attest:

**Special Provisions for:  
Insurance Coverage for Contractual Services**

The Contractor and each of its agents, subcontractors, and consultants hired to perform the Work, shall purchase and maintain during the term of this contract insurance coverage which will satisfactorily insure the Contractor and where appropriate, the City against claims and liabilities which may arise out of the Work. Such insurance shall be issued by companies authorized to do business in the State of Illinois and approved by the City. The insurance coverages shall include, but not necessarily be limited to, the following:

- **Worker's Compensation Insurance** with limits as required by the applicable statutes of the State of Illinois. The employer's liability coverage under the worker's compensation policy shall have limits not less than **FIVE HUNDRED THOUSAND DOLLARS (\$500,000)** and each accident/injury and **FIVE HUNDRED THOUSAND DOLLARS (\$500,000)** each employee/disease and **FIVE HUNDRED THOUSAND DOLLARS (\$500,000)** policy limit.  
The workers' compensation policy shall provide a waiver of subrogation (aka Waiver of our Right to Recover from Others Endorsement), to the City.
- **Commercial General Liability Insurance** protecting the Contractor against any and all liability claims which may arise in the course of performance of this contract. The limits of liability shall be not less than **ONE MILLION DOLLARS (\$1,000,000)** each occurrence bodily injury/property damage combined single limit and **ONE MILLION DOLLARS (\$1,000,000)** aggregate bodily injury/property damage combined single limit. The policy of commercial liability insurance shall include contractual liability coverage and an endorsement naming the City as an additional insured on a primary and non-contributory basis. Completed Operations coverage shall continue for a period of two years after completion of the project. XCU coverage shall be included.
- **Commercial Automobile Liability Insurance** covering the Contractor's owned, non-owned, and hired vehicles which protects the Contractor against automobile liability claims whether on or off of the city's premises with coverage limits of not less than **ONE MILLION DOLLARS (\$1,000,000)** per accident bodily injury/property damage combined single limit. The policy of commercial liability insurance shall include contractual liability coverage and an endorsement naming the City as an additional insured on a primary and non-contributory basis.
- **Umbrella or Excess Liability Insurance** coverage of not less than **ONE MILLION (\$1,000,000)** per occurrence.

Nothing herein set forth shall be construed to create any obligation on the part of the City to indemnify Contractor for any claims of negligence against Contractor or its agents, employees, subcontractors or consultants. Prior to commencement of any work under this Agreement, Contractor shall file with the City the required original certificates of insurance with endorsements, including those of subcontractors, which shall clearly state all of the following:

- A. The policy number; name of insurance company; name and address of the agent or authorized representative; name, address, and telephone number of the insured; project name and address; policy expiration date; and specific coverage amounts; and
- B. That the City of Wheaton (including its agents, elected officials, officers and employees) is named as an additional insured under all coverage, except Workers' Compensation, and that all such coverage shall be primary and non-contributory for the City, its agents, elected officials, officers, and employees. A waiver of subrogation (aka Waiver of our Right to Recover from Others Endorsement), on all coverages shall be provided; and

- C. Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions; and
- D. Contractor's insurance is primary with respects to any other valid or collectible insurance City may possess, including any self-insured retention that City may have; and
- E. Any deductibles or self-insured retention shall be stated on the certificates of insurance provided to the City; and

In addition to all of the insurance requirements identified above and contained on the certificates of insurance, all policies of insurance coverage under this section shall also be subject to the following requirements.

- F. All insurance carriers providing coverage under this Agreement shall be authorized to do business in the State of Illinois and shall be rated at least A:VI in A.M. Best and Companies Insurance Guide or otherwise acceptable to the City.
- G. The City of Wheaton shall have the right to reject the insurer/insurance of the contractor or any subcontractor; and
- H. Occurrence policies are preferred. The city may accept claims made policies for Professional Liability or Pollution/Environmental Liability on a case by case basis providing the contractor purchases a claims made policy for four (4) years past the contract completion date.
- I. The City will consider deductible amounts as part of its review of the financial stability of the bidder; and
- J. No acceptance and/or approval of any insurance by the City shall be construed as relieving or excusing the Contractor, or the surety, or its bond, from any liability or obligation imposed upon either or both of them by the provisions of the Contract Documents; and
- K. The City may require increases in Contractor's insurance coverage amounts over the course of this Agreement as it deems necessary so long as it reimburses Contractor for the actual increase in Contractor's insurance premiums attributable to the City's requested increase; and
- L. Insurance coverage required by this contract shall be in force throughout the Contract Term and upon written request by the City, the Contractor shall, within 7 days, provide to the City acceptable evidence of current insurance. Should the Contractor fail to provide acceptable evidence of current insurance following written request, the City shall have the absolute right to terminate the Contract without any further obligation to the Contractor; and
- M. Contractual and other liability insurance provided under this Contract shall not contain a supervision, inspection or engineering services exclusion that would preclude the City from supervising or inspecting the project to the end result. The Contractor shall assume all on-the-job responsibilities as to the control of persons directly employed by it; and
- N. All existing structures, utilities, roads, services, trees, shrubbery and landscaping shall be protected against damage or interruption of service at all times by the Contractor and its subcontractors during the term of the Contract.

#### **END OF SPECIAL PROVISIONS FOR INSURANCE COVERAGE FOR CONTRACTUAL SERVICES**



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERs NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s). A waiver of subrogation is required.

PRODUCER	CONTACT	
	NAME: PHONE (A/C, No. Ext):	FAX (A/C, No.):
INSURED	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	NAIC #	
	INSURER A:	
	INSURER B:	
	INSURER C:	
	INSURER D:	
INSURER E:		
INSURER F:		

## COVERAGES

## CERTIFICATE NUMBER:

## REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	GENERAL LIABILITY						EACH OCCURRENCE	\$ 1,000,000
	COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$
	CLAIMS-MADE	<input type="checkbox"/>	OCCUR				MED EXP (Any one person)	\$
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
								\$
	GEN'L AGGREGATE LIMIT APPLIES PER:							
	POLICY	<input type="checkbox"/>	PRO- JECT	<input type="checkbox"/>	LOC			
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	ANY AUTO						BODILY INJURY (Per person)	\$
	ALL OWNED AUTOS	<input type="checkbox"/>	SCHEDULED AUTOS	<input type="checkbox"/>	NON-OWNED AUTOS		BODILY INJURY (Per accident)	\$
	HIRED AUTOS	<input type="checkbox"/>		<input type="checkbox"/>			PROPERTY DAMAGE (Per accident)	\$
								\$
	UMBRELLA LIAB	<input type="checkbox"/>	OCCUR				EACH OCCURRENCE	\$ 2,000,000
	EXCESS LIAB	<input type="checkbox"/>		CLAIMS-MADE			AGGREGATE	\$ 2,000,000
	DED	<input type="checkbox"/>	RETENTION \$					\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	<input type="checkbox"/>	Y / N	N / A			WC STATU- TORY LIMITS	OTH- ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/>					E.L. EACH ACCIDENT	\$ 500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	\$ 500,000
	Professional Liability and Errors and Omissions: Owners/Contractors Protection XCU Coverage Included with General Liability Pollution/Environmental Liability						E.L. DISEASE - POLICY LIMIT	\$ 500,000

## DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Bid/Project Name or Contract Name and #  
Contractor  
Contact  
Address  
Phone #, Email Address, Fax #

- The City of Wheaton is an additional insured on a primary and non-contributory basis on all insurance policies with respect to Liability.
- Endorsements and a Waiver of Subrogation shall be provided for all policies with each updated certificate.
- Contractors: It shall be the responsibility of the contractor to insure that all subcontractors comply with the same insurance requirements.

## CERTIFICATE HOLDER

## CANCELLATION

City of Wheaton  
303 West Wesley Street  
PO Box 727  
Wheaton, IL 60187-0727

Attn: Procurement Officer  
(fax) 630-260-2017

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

## **Special Provisions for: Wages of Employees on Public Works**

This contract may be subject to the "Prevailing Wage Act," 820 ILCS 130/1 et seq ("The Act"). It shall be the responsibility of the contractor to determine whether the Act is applicable and if so to comply with all its terms and conditions. Any contractor having a question as to whether the Act is applicable shall consult with their own attorney to ascertain applicability. The City shall not have any duty to inform the contractor of the Act's applicability. If however the City informs the contractor that the Act is applicable it shall be the contractor's obligation to comply with all its terms and conditions unless the contractor can establish to the satisfaction of the City that the Act is inapplicable. If it is determined that The Act applies to this contract, all contractors and subcontractors subject to its terms shall comply with all of its provisions, including, but not limited to the following:

1. Not less than the prevailing rate of wages as found by the City of Wheaton or Department of Labor or determined by a court on review shall be paid to all laborers, workers and mechanics performing work under this contract. These prevailing rates of wages are included in this contract.
2. In all contractors' bonds the contractor shall include a provision that will guarantee the faithful performance of the prevailing wage clause provided by this contract.
3. If the Department of Labor revises the prevailing rate of hourly wages to be paid by the public body, the revised rate shall apply to the contractor, and the public body shall be responsible to notify the contractor and each subcontractor, of the revised rate.
4. The contractor and each subcontractor shall:
  - a. make and keep, for a period of not less than 3 years, records of all laborers, mechanics, and other workers employed by them on the project; the records shall include each worker's name, address, telephone number when available, social security number, classification or classifications, the hourly wages paid in each pay period, the number of hours worked each day, and the starting and ending times of work each day; and
  - b. submit monthly, in person, by mail, or electronically a certified payroll to the public body in charge of the project. The certified payroll shall consist of a complete copy of the records identified in paragraph (1) of this subsection (a). The certified payroll shall be accompanied by a statement signed by the contractor or subcontractor which avers that:
    - i. such records are true and accurate;
    - ii. the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required by this Act; and
    - iii. the contractor or subcontractor is aware that filing a certified payroll that he or she knows to be false is a Class B misdemeanor.
5. Upon 2 business days' notice, the contractor and each subcontractor shall make available for inspection the records identified in paragraph 4 to the City of Wheaton, its officers and agents, and to the Director of Labor and his deputies and agents during reasonable hours at a location within this State.

# Du Page County Prevailing Wage for July 2015

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
ASBESTOS ABT-GEN		ALL		39.400	39.950	1.5	1.5	2.0	13.98	10.72	0.000	0.500
ASBESTOS ABT-MEC		BLD		36.340	38.840	1.5	1.5	2.0	11.47	10.96	0.000	0.720
BOILERMAKER		BLD		47.070	51.300	2.0	2.0	2.0	6.970	18.13	0.000	0.400
BRICK MASON		BLD		43.780	48.160	1.5	1.5	2.0	10.05	14.43	0.000	1.030
CARPENTER		ALL		44.350	46.350	1.5	1.5	2.0	11.79	16.39	0.000	0.630
CEMENT MASON		ALL		43.750	45.750	2.0	1.5	2.0	13.05	14.45	0.000	0.480
CERAMIC TILE FNSHER		BLD		36.810	0.000	1.5	1.5	2.0	10.55	9.230	0.000	0.770
COMMUNICATION TECH		BLD		32.650	34.750	1.5	1.5	2.0	9.550	15.16	1.250	0.610
ELECTRIC PWR EQMT OP		ALL		37.890	51.480	1.5	1.5	2.0	5.000	11.75	0.000	0.380
ELECTRIC PWR EQMT OP		HWY		39.220	53.290	1.5	1.5	2.0	5.000	12.17	0.000	0.390
ELECTRIC PWR GRNDMAN		ALL		29.300	51.480	1.5	1.5	2.0	5.000	9.090	0.000	0.290
ELECTRIC PWR GRNDMAN		HWY		30.330	53.290	1.5	1.5	2.0	5.000	9.400	0.000	0.300
ELECTRIC PWR LINEMAN		ALL		45.360	51.480	1.5	1.5	2.0	5.000	14.06	0.000	0.450
ELECTRIC PWR LINEMAN		HWY		46.950	53.290	1.5	1.5	2.0	5.000	14.56	0.000	0.470
ELECTRIC PWR TRK DRV		ALL		30.340	51.480	1.5	1.5	2.0	5.000	9.400	0.000	0.300
ELECTRIC PWR TRK DRV		HWY		31.400	53.290	1.5	1.5	2.0	5.000	9.730	0.000	0.310
ELECTRICIAN		BLD		38.160	41.980	1.5	1.5	2.0	9.550	18.29	4.680	0.680
ELEVATOR CONSTRUCTOR		BLD		50.800	57.150	2.0	2.0	2.0	13.57	14.21	4.060	0.600
FENCE ERECTOR	NE	ALL		37.340	39.340	1.5	1.5	2.0	13.05	12.06	0.000	0.300
FENCE ERECTOR	W	ALL		45.060	48.660	2.0	2.0	2.0	10.52	20.76	0.000	0.700
GLAZIER		BLD		40.500	42.000	1.5	2.0	2.0	13.14	16.99	0.000	0.940
HT/FROST INSULATOR		BLD		48.450	50.950	1.5	1.5	2.0	11.47	12.16	0.000	0.720
IRON WORKER	E	ALL		44.200	46.200	2.0	2.0	2.0	13.65	21.14	0.000	0.350
IRON WORKER	W	ALL		45.060	48.660	2.0	2.0	2.0	10.52	20.76	0.000	0.700
LABORER		ALL		39.200	39.950	1.5	1.5	2.0	13.98	10.72	0.000	0.500
LATHER		ALL		44.350	46.350	1.5	1.5	2.0	11.79	16.39	0.000	0.630
MACHINIST		BLD		45.350	47.850	1.5	1.5	2.0	7.260	8.950	1.850	0.000
MARBLE FINISHERS		ALL		32.400	34.320	1.5	1.5	2.0	10.05	13.75	0.000	0.620
MARBLE MASON		BLD		43.030	47.330	1.5	1.5	2.0	10.05	14.10	0.000	0.780
MATERIAL TESTER I		ALL		29.200	0.000	1.5	1.5	2.0	13.98	10.72	0.000	0.500
MATERIALS TESTER II		ALL		34.200	0.000	1.5	1.5	2.0	13.98	10.72	0.000	0.500
MILLWRIGHT		ALL		44.350	46.350	1.5	1.5	2.0	11.79	16.39	0.000	0.630
OPERATING ENGINEER		BLD	1	48.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		BLD	2	46.800	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		BLD	3	44.250	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		BLD	4	42.500	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		BLD	5	51.850	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		BLD	6	49.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		BLD	7	51.100	52.100	2.0	2.0	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		FLT		36.000	36.000	1.5	1.5	2.0	17.10	11.80	1.900	1.250
OPERATING ENGINEER		HWY	1	46.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		HWY	2	45.750	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		HWY	3	43.700	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		HWY	4	42.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		HWY	5	41.100	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		HWY	6	49.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
OPERATING ENGINEER		HWY	7	47.300	50.300	1.5	1.5	2.0	17.55	12.65	1.900	1.250
ORNAMNTL IRON WORKER E		ALL		45.000	47.500	2.0	2.0	2.0	13.55	17.94	0.000	0.650
ORNAMNTL IRON WORKER W		ALL		45.060	48.660	2.0	2.0	2.0	10.52	20.76	0.000	0.700
PAINTER		ALL		41.730	43.730	1.5	1.5	1.5	10.30	8.200	0.000	1.350
PAINTER SIGNS		BLD		33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000
PILEDRIVER		ALL		44.350	46.350	1.5	1.5	2.0	11.79	16.39	0.000	0.630
PIPEFITTER		BLD		46.000	49.000	1.5	1.5	2.0	9.000	15.85	0.000	1.780
PLASTERER		BLD		43.430	46.040	1.5	1.5	2.0	10.05	14.43	0.000	1.020
PLUMBER		BLD		46.650	48.650	1.5	1.5	2.0	13.18	11.46	0.000	0.880

ROOFER	BLD	41.000	44.000	1.5	1.5	2.0	8.280	10.54	0.000	0.530	
SHEETMETAL WORKER	BLD	44.720	46.720	1.5	1.5	2.0	10.65	13.31	0.000	0.820	
SPRINKLER FITTER	BLD	49.200	51.200	1.5	1.5	2.0	11.75	9.650	0.000	0.550	
STEEL ERECTOR	E	ALL	42.070	44.070	2.0	2.0	2.0	13.45	19.59	0.000	0.350
STEEL ERECTOR	W	ALL	45.060	48.660	2.0	2.0	2.0	10.52	20.76	0.000	0.700
STONE MASON	BLD	43.780	48.160	1.5	1.5	2.0	10.05	14.43	0.000	1.030	
<del>SURVEY WORKER</del>	->NOT IN EFFECT		ALL	37.000	37.750	1.5	1.5	2.0	12.97	9.930	
0.000	0.500										
TERRAZZO FINISHER	BLD	38.040	0.000	1.5	1.5	2.0	10.55	11.22	0.000	0.720	
TERRAZZO MASON	BLD	41.880	44.880	1.5	1.5	2.0	10.55	12.51	0.000	0.940	
TILE MASON	BLD	43.840	47.840	1.5	1.5	2.0	10.55	11.40	0.000	0.990	
TRAFFIC SAFETY WRKR	HWY	32.750	34.350	1.5	1.5	2.0	6.550	6.450	0.000	0.500	
TRUCK DRIVER	ALL	1	35.920	36.120	1.5	1.5	2.0	8.280	8.760	0.000	0.150
TRUCK DRIVER	ALL	2	32.700	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150
TRUCK DRIVER	ALL	3	32.900	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150
TRUCK DRIVER	ALL	4	33.100	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150
TUCKPOINTER	BLD	42.620	43.620	1.5	1.5	2.0	10.05	13.34	0.000	0.670	

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

### DUPAGE COUNTY

IRON WORKERS AND FENCE ERECTOR (WEST) - West of Route 53.

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

### EXPLANATION OF CLASSES

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

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

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

#### CERAMIC TILE FINISHER

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

#### COMMUNICATIONS TECHNICIAN

Low voltage installation, maintenance and removal of telecommunication facilities (voice, sound, data and video) including telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

#### MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes

for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

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

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

#### OPERATING ENGINEER - BUILDING

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

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

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

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

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

#### OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

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

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screeed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

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

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All

(1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

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

Class 6. Field Mechanics and Field Welders

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

#### OPERATING ENGINEER - FLOATING

Diver. Diver Wet Tender, Diver Tender, ROV Pilot, ROV Tender

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

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

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

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

#### TERRAZZO FINISHER

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

Terrazzo Mechanics.

Other Classifications of Work:

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

**LANDSCAPING**

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

**MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II**

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

Contract #: \_\_\_\_\_  
Contract Addendum #: \_\_\_\_\_  
For Office Use Only

Agreement Between the City of Wheaton, IL  
and \_\_\_\_\_

## PARKING LOT IMPROVEMENT PROJECT

### CHANGE ORDER #

**Change Order required due to:**

- Changed/Unforeseen Condition
- Change in Scope
- Errors and Omissions
- Other: \_\_\_\_\_

**Type of Change Order:**

- Fixed Cost of \$ \_\_\_\_\_
- Time & Materials, not to exceed: \$ \_\_\_\_\_
- Emergency Change, not to exceed \$ \_\_\_\_\_
- Extension of Completion Date

Attached is:  Service Providers Proposal;  Description of Change

### **Cost and Schedule Control Summary**

**If this section is left blank, Change Order will not result  
in additional charges:**

Original Contract Amount	\$ _____
Previous COs Adds/Deducts	\$ _____
This CO Add/Deduct	\$ _____
Revised Contract Amount	\$ _____

**If this section is left blank, Change Order will not result  
in additional time to complete the project:**

Original Contract Duration	_____ days
Previous COs Add/Deduct	_____ days
This CO Add/Deduct	_____ days
Revised Contract Duration	_____ days
Revised Contract Completion Date	_____

The compensation (time and cost set forth in this Change Order comprises the total compensation due the Service Provider, all subcontractors, and all suppliers, for the work or change defined in this Change Order, including impact on the unchanged work. By signing the Change Order, the Service Provider acknowledges and agrees on behalf of himself, all subcontractors, and all suppliers, that the stipulated compensation includes payment for all work contained in the Change Order, plus all payment interruptions of schedules, extended field overhead costs, delay, and all impact, ripple effect or cumulative impact on all other work under this contract. The signing of the Change Order indicates that the Change Order constitutes full mutual accord and satisfaction of subcontractors, and all suppliers, as a result of the change. The Service Provider on behalf of himself, all subcontractors and all suppliers, agrees to waive all rights, without exception or reservation of any whatsoever to file any further claim related to the Change Order. No further claim or request for equitable adjustment of any type shall rise out of or as a result of this Change Order or the impact of this Change Order on the remainder of the work under this Contract.

All terms and Conditions of the original contract apply to this Change Order and remain the same and in full force and effect.

Project Manager: \_\_\_\_\_ Date: \_\_\_\_\_

Department Head: \_\_\_\_\_ Date: \_\_\_\_\_

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

City Manager: \_\_\_\_\_ Date: \_\_\_\_\_

Service Provider: \_\_\_\_\_ Date: \_\_\_\_\_

**Upon approval, forward this document to Procurement for Amendment of Contract.**