Illinois Department of Transportation

# Local Public Agency
# Formal Contract Proposal

## COVER SHEET

**Proposal Submitted By:**

Contractor's Name

Contractor's Address | City | State | Zip Code

STATE OF ILLINOIS

| Local Public Agency | County | Section Number |
|---|---|---|
| CITY OF JOLIET | Will | 22-00549-00-FP |

| Route(s) (Street/Road Name) | Type of Funds |
|---|---|
| DEKALB/ DORA | MFT |

☐ Proposal Only ☒ Proposal and Plans ☐ Proposal only, plans are separate

Submitted/Approved
**For Local Public Agency:**

**For a County and Road District Project**

Submitted/Approved

Highway Commissioner Signature | Date

Submitted/Approved

County Engineer/Superintendent of Highways | Date

**For a Municipal Project**

Submitted/Approved/Passed

Signature | Date

Official Title: MAYOR

**Department of Transportation**

Released for bid based on limited review

Regional Engineer Signature: Jose Rios / KS | Date: 7-25-22

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

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| CITY OF JOLIET | Will | 22-00549-00-FP | DEKALB/ DORA |

## NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of CITY CLERK- CITY OF JOLIET
(Name of Office)

150 WEST JEFFERSON STREET (Address) until 10:00 AM (Time) on 08/29/22 (Date).

Sealed proposals will be opened and read publicly at the office of CITY CLERK- CITY OF JOLIET
(Name of Office)

150 WEST JEFFERSON STREET (Address) at 10:00 AM (Time) on 08/29/22 (Date).

## DESCRIPTION OF WORK

| Location | Project Length |
|---|---|
| Dekalb St. from Pleasant St. to Center St.; Dora Ave. from Woodruff Rd. to Garvin St. | 1088 feet |

Proposed Improvement

excavation of existing roadway; installation of aggregate base course, 8"; B-6.12 curb & gutter; PCC driveway aprons; storm sewer; topsoil & sod; and PCC sidewalk

1. Plans and proposal forms will be available in the office of

City Clerk's Office- City of Joliet, 150 West Jefferson Street, Joliet IL 60432 for $0.00; David Ortiz (815)724-4210;
Electronic Download on the City's Website at WWW.JOLIET.GOV

2. ☒ Prequalification

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

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

4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
   a. Local Public Agency Formal Contract Proposal (BLR 12200)
   b. Schedule of Prices (BLR 12201)
   c. Proposal Bid Bond (BLR 12230) (if applicable)
   d. Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
   e. Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)

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

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

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

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

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

Illinois Department of Transportation

# Check Sheet for Recurring Special Provisions

| Local Public Agency | County | Section Number |
|---|---|---|
| CITY OF JOLIET | Will | 22-00549-00-FP |

☐ **Check this box for lettings prior to 01/01/2022.**

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

Recurring Special Provisions

| Check Sheet # | | Reference Page No. |
|---|---|---|
| 1 | ☐ Additional State Requirements for Federal-Aid Construction Contracts | 1 |
| 2 | ☐ Subletting of Contracts (Federal-Aid Contracts) | 4 |
| 3 | ☐ EEO | 5 |
| 4 | ☐ Specific EEO Responsibilities Non Federal-Aid Contracts | 15 |
| 5 | ☐ Required Provisions - State Contracts | 20 |
| 6 | ☐ Asbestos Bearing Pad Removal | 26 |
| 7 | ☐ Asbestos Waterproofing Membrane and Asbestos HMA Surface Removal | 27 |
| 8 | ☐ Temporary Stream Crossings and In-Stream Work Pads | 28 |
| 9 | ☐ Construction Layout Stakes | 29 |
| 10 | ☐ Use of Geotextile Fabric for Railroad Crossing | 32 |
| 11 | ☐ Subsealing of Concrete Pavements | 34 |
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| 16 | ☐ PVC Pipeliner | 45 |
| 17 | ☐ Bicycle Racks | 46 |
| 18 | ☐ Temporary Portable Bridge Traffic Signals | 48 |
| 19 | ☐ Nighttime Inspection of Roadway Lighting | 50 |
| 20 | ☐ English Substitution of Metric Bolts | 51 |
| 21 | ☐ Calcium Chloride Accelerator for Portland Cement Concrete | 52 |
| 22 | ☐ Quality Control of Concrete Mixtures at the Plant | 53 |
| 23 | ☐ Quality Control/Quality Assurance of Concrete Mixtures | 61 |
| 24 | ☐ Digital Terrain Modeling for Earthwork Calculations | 77 |
| 25 | ☐ Preventive Maintenance - Bituminous Surface Treatment (A-1) | 79 |
| 26 | ☐ Temporary Raised Pavement Markers | 85 |
| 27 | ☐ Restoring Bridge Approach Pavements Using High-Density Foam | 86 |
| 28 | ☐ Portland Cement Concrete Inlay or Overlay | 89 |
| 29 | ☐ Portland Cement Concrete Partial Depth Hot-Mix Asphalt Patching | 93 |
| 30 | ☐ Longitudinal Joint and Crack Patching | 96 |
| 31 | ☐ Concrete Mix Design - Department Provided | 98 |
| 32 | ☐ Station Numbers in Pavements or Overlays | 99 |

| Local Public Agency | County | Section Number |
|---|---|---|
| CITY OF JOLIET | Will | 22-00549-00-FP |

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

| Check Sheet # | | | Page No. |
|---|---|---|---|
| LRS 1 | | **Reserved** | 101 |
| LRS 2 | ☐ | Furnished Excavation | 102 |
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| LRS 6 | ☒ | Bidding Requirements and Conditions for Contract Proposals | 106 |
| LRS 7 | ☐ | Bidding Requirements and Conditions for Material Proposals | 112 |
| LRS 8 | | **Reserved** | 118 |
| LRS 9 | ☐ | Bituminous Surface Treatments | 119 |
| LRS 10 | | **Reserved** | 123 |
| LRS 11 | ☒ | Employment Practices | 124 |
| LRS 12 | ☒ | Wages of Employees on Public Works | 126 |
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| LRS 19 | ☐ | Reflective Crack Control Treatment | 136 |

BDE SPECIAL PROVISIONS
For the August 5, 2022 and September 23, 2022 Lettings

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

| File Name | # | | Special Provision Title | Effective | Revised |
|---|---|---|---|---|---|
| 80099 | 1 | ☐ | Accessible Pedestrian Signals (APS) | April 1, 2003 | Jan. 1, 2022 |
| 80274 | 2 | ☐ | Aggregate Subgrade Improvement | April 1, 2012 | April 1, 2022 |
| 80192 | 3 | ☐ | Automated Flagger Assistance Device | Jan. 1, 2008 | |
| 80173 | 4 | ☐ | Bituminous Materials Cost Adjustments | Nov. 2, 2006 | Aug. 1, 2017 |
| 80426 | 5 | ☐ | Bituminous Surface Treatment with Fog Seal | Jan. 1, 2020 | Jan. 1, 2022 |
| 80436 | 6 | ☐ | Blended Finely Divided Minerals | April 1, 2021 | |
| 80241 | 7 | ☐ | Bridge Demolition Debris | July 1, 2009 | |
| * 5053I | 8 | ☐ | Building Removal | Sept. 1, 1990 | Aug. 1, 2022 |
| * 5026I | 9 | ☐ | Building Removal with Asbestos Abatement | Sept. 1, 1990 | Aug. 1, 2022 |
| 80384 | 10 | ☐ | Compensable Delay Costs | June 2, 2017 | April 1, 2019 |
| 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 |
| 80261 | 15 | ☐ | Construction Air Quality – Diesel Retrofit | June 1, 2010 | Nov. 1, 2014 |
| 80434 | 16 | ☐ | Corrugated Plastic Pipe (Culvert and Storm Sewer) | Jan. 1, 2021 | |
| 80029 | 17 | ☐ | Disadvantaged Business Enterprise Participation | Sept. 1, 2000 | March 2, 2019 |
| 80229 | 18 | ☐ | Fuel Cost Adjustment | April 1, 2009 | Aug. 1, 2017 |
| 80433 | 19 | ☐ | Green Preformed Thermoplastic Pavement Markings | Jan. 1, 2021 | Jan. 1, 2022 |
| 80422 | 20 | ☐ | High Tension Cable Median Barrier | Jan. 1, 2020 | Jan. 1, 2022 |
| 80443 | 21 | ☐ | High Tension Cable Median Barrier Removal | April 1, 2022 | |
| * 80442 | 22 | ☐ | Hot-Mix Asphalt | Jan. 1, 2022 | Aug. 1, 2022 |
| 80444 | 23 | ☑ | Hot-Mix Asphalt - Patching | April 1, 2022 | |
| 80438 | 24 | ☐ | Illinois Works Apprenticeship Initiative – State Funded Contracts | June 2, 2021 | Sept. 2, 2021 |
| 80411 | 25 | ☐ | Luminaires, LED | April 1, 2019 | Jan. 1, 2022 |
| 80045 | 26 | ☐ | Material Transfer Device | June 15, 1999 | Jan. 1, 2022 |
| 80418 | 27 | ☐ | Mechanically Stabilized Earth Retaining Walls | Nov. 1, 2019 | Nov. 1, 2020 |
| 80430 | 28 | ☑ | Portland Cement Concrete – Haul Time | July 1, 2020 | |
| 3426I | 29 | ☐ | Railroad Protective Liability Insurance | Dec. 1, 1986 | Jan. 1, 2022 |
| 80395 | 30 | ☐ | Sloped Metal End Section for Pipe Culverts | Jan. 1, 2018 | |
| 80340 | 31 | ☐ | Speed Display Trailer | April 2, 2014 | Jan. 1, 2022 |
| 80127 | 32 | ☐ | Steel Cost Adjustment | April 2, 2004 | Jan. 1, 2022 |
| 80397 | 33 | ☐ | Subcontractor and DBE Payment Reporting | April 2, 2018 | |
| 80391 | 34 | ☐ | Subcontractor Mobilization Payments | Nov. 2, 2017 | April 1, 2019 |
| 80437 | 35 | ☐ | Submission of Payroll Records | April 1, 2021 | |
| 80435 | 36 | ☐ | Surface Testing of Pavements – IRI | Jan. 1, 2021 | Jan. 1, 2022 |
| 80410 | 37 | ☐ | Traffic Spotters | Jan. 1, 2019 | |
| 20338 | 38 | ☐ | Training Special Provisions | Oct. 15, 1975 | Sept. 2, 2021 |
| 80318 | 39 | ☐ | Traversable Pipe Grate for Concrete End Sections | Jan. 1, 2013 | Jan. 1, 2018 |
| 80429 | 40 | ☐ | Ultra-Thin Bonded Wearing Course | April 1, 2020 | Jan. 1, 2022 |
| 80440 | 41 | ☐ | Waterproofing Membrane System | Nov. 1, 2021 | |
| 80302 | 42 | ☐ | Weekly DBE Trucking Reports | June 2, 2012 | Nov. 1, 2021 |
| 80427 | 43 | ☑ | Work Zone Traffic Control Devices | Mar. 2, 2020 | |
| 80071 | 44 | ☑ | Working Days | Jan. 1, 2002 | |

The following special provisions have been deleted from use.

| File Name | Special Provision Title | Effective | Revised |
|---|---|---|---|
| 5048I | Building Removal-Case II (Non-Friable Asbestos) | Sept. 1, 1990 | April 1, 2010 |
| 5049I | Building Removal-Case III (Friable Asbestos) | Sept. 1, 1990 | April 1, 2010 |
| 80439 | Vehicle and Equipment Warning Lights | Nov. 1, 2021 | |

The following special provisions are in the 2022 Standard Specifications and Recurring Special Provisions.

| File Name | Special Provision Title | New Location(s) | Effective | Revised |
|---|---|---|---|---|
| 80425 | Cape Seal | Sections 405, 1003 | Jan. 1, 2020 | Jan. 1, 2021 |
| 80387 | Contrast Preformed Plastic Pavement Marking | Articles 780.08, 1095.03 | Nov. 1, 2017 | |
| 80402 | Disposal Fees | Article 109.04(b) | Nov. 1, 2018 | |
| 80378 | Dowel Bar Inserter | Articles 420.03, 420.05, 1103.20 | Jan. 1, 2017 | Jan. 1, 2018 |
| 80421 | Electric Service Installation | Articles 804.04, 804.05 | Jan. 1, 2020 | |
| 80415 | Emulsified Asphalts | Article 1032.06 | Aug. 1, 2019 | |
| 80423 | Engineer's Field Office and Laboratory | Section 670 | Jan. 1, 2020 | |
| 80417 | Geotechnical Fabric for Pipe Underdrains and French Drains | Articles 1080.01(a), 1080.05 | Nov. 1, 2019 | |
| 80420 | Geotextile Retaining Walls | Article 1080.06(d) | Nov. 1, 2019 | |
| 80304 | Grooving for Recessed Pavement Markings | Articles 780.05, 780.14, 780.15 | Nov. 1, 2012 | Nov. 1, 2020 |
| 80416 | Hot-Mix Asphalt – Binder and Surface Course | Sections 406, 1003, 1004, 1030, 1101 | July 2, 2019 | Nov. 1, 2019 |
| 80398 | Hot-Mix Asphalt – Longitudinal Joint Sealant | Sections 406, 1032 | Aug. 1, 2018 | Nov. 1, 2019 |
| 80406 | Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT) | Sections 406, 1030 | Jan. 1, 2019 | Jan. 2, 2021 |
| 80347 | Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling | Sections 406, 1030 | Nov. 1, 2014 | July 2, 2019 |
| 80383 | Hot-Mix Asphalt – Quality Control for Performance | Sections 406, 1030 | April 1, 2017 | July 2, 2019 |
| 80393 | Manholes, Valve Vaults, and Flat Slab Tops | Articles 602.02, 1042.10 | Jan. 1, 2018 | Mar. 1, 2019 |
| 80424 | Micro-Surfacing and Slurry Sealing | Sections 404, 1003 | Jan. 1, 2020 | Jan. 1, 2021 |
| 80428 | Mobilization | Article 671.02 | April 1, 2020 | |
| 80412 | Obstruction Warning Luminaires, LED | Sections 801, 822, 1067 | Aug. 1, 2019 | |
| 80359 | Portland Cement Concrete Bridge Deck Curing | Articles 1020.13, 1022.03 | April 1, 2015 | Nov. 1, 2019 |
| 80431 | Portland Cement Concrete Pavement Patching | Articles 701.17(e)(3)b, 1001.01(d), 1020.05(b)(5) | July 1, 2020 | |
| 80432 | Portland Cement Concrete Pavement Placement | Article 420.07 | July 1, 2020 | |
| 80300 | Preformed Plastic Pavement Marking Type D - Inlaid | Articles 780.08, 1095.03 | April 1, 2012 | April 1, 2016 |
| 80157 | Railroad Protective Liability Insurance (5 and 10) | Article 107.11 | Jan. 1, 2006 | |
| 80306 | Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS) | Section 1031 | Nov. 1, 2012 | Jan. 2, 2021 |
| 80407 | Removal and Disposal of Regulated Substances | Section 669 | Jan. 1 2019 | Jan. 1, 2020 |
| 80419 | Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric | Articles 280.02, 280.04, 1080.02, 1080.03, 1081.15 | Nov. 1, 2019 | July 1, 2021 |
| 80408 | Steel Plate Beam Guardrail Manufacturing | Article 1006.25 | Jan. 1, 2019 | |
| 80413 | Structural Timber | Article 1007.03 | Aug. 1, 2019 | |
| 80298 | Temporary Pavement Marking | Section 703, Article 1095.06 | April 1, 2012 | April 1, 2017 |
| 80409 | Traffic Control Devices – Cones | Article 701.15(a), 1106.02(b) | Jan. 1, 2019 | |
| 80288 | Warm Mix Asphalt | Sections 406, 1030, 1102 | Jan. 1, 2012 | April 1, 2016 |
| 80414 | Wood Fence Sight Screen | Article 641.02 | Aug. 1, 2019 | April 1, 2020 |

The following special provisions require additional information from the designer. The additional information needs to be submitted as a separate document. The Project Coordination and Implementation section will then include the information in the applicable special provision.

- Bridge Demolition Debris
- Building Removal
- Building Removal with Asbestos Abatement
- Completion Date
- Completion Date Plus Working Days
- DBE Participation
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

**HOT-MIX ASPHALT – PATCHING (BDE)**

Effective: April 1, 2022

Replace Article 442.08(b) of the Standard Specifications with the following:

"(b) Density. The density of the compacted HMA shall be according to Articles 1030.06, 1030.09(b), 1030.09(c), and 1030.09(f)."

80444

**PORTLAND CEMENT CONCRETE – HAUL TIME (BDE)**

Effective: July 1, 2020

Revise Article 1020.11(a)(7) of the Standard Specifications to read:

"(7) Haul Time. Haul time shall begin when the delivery ticket is stamped. The delivery ticket shall be stamped no later than five minutes after the addition of the mixing water to the cement, or after the addition of the cement to the aggregate when the combined aggregates contain free moisture in excess of two percent by weight (mass). If more than one batch is required for charging a truck using a stationary mixer, the time of haul shall start with mixing of the first batch. Haul time shall end when the truck is emptied for incorporation of the concrete into the work. The maximum haul time shall be as follows.

| Concrete Temperature at Point of Discharge, °F (°C) | Maximum Haul Time 1/ (minutes) | |
|---|---|---|
| | Truck Mixer or Truck Agitator | Nonagitator Truck |
| 50 - 64 (10 - 17.5) | 90 | 45 |
| > 64 (> 17.5) - without retarder | 60 | 30 |
| > 64 (> 17.5) - with retarder | 90 | 45 |

1/ To encourage start-up testing for mix adjustments at the plant, the first two trucks will be allowed an additional 15 minutes haul time whenever such testing is performed.

For a mixture which is not mixed on the jobsite, a delivery ticket shall be required for each load. The following information shall be recorded on each delivery ticket: (1) ticket number; (2) name of producer and plant location; (3) contract number; (4) name of Contractor; (5) stamped date and time batched; (6) truck number; (7) quantity batched; (8) amount of admixture(s) in the batch; (9) amount of water in the batch; and (10) Department mix design number.

For concrete mixed in jobsite stationary mixers, the above delivery ticket may be waived, but a method of verifying the haul time shall be established to the satisfaction of the Engineer."

80430

**WORK ZONE TRAFFIC CONTROL DEVICES (BDE)**

Effective: March 2, 2020

Add the following to Article 701.03 of the Standard Specifications:

"(q) Temporary Sign Supports ..... 1106.02"

Revise the third paragraph of Article 701.14 of the Standard Specifications to read:

"For temporary sign supports, the Contractor shall provide a FHWA eligibility letter for each device used on the contract. The letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device. The signs shall be supported within 20 degrees of vertical. Weights used to stabilize signs shall be attached to the sign support per the manufacturer's specifications."

Revise the first paragraph of Article 701.15 of the Standard Specifications to read:

"**701.15 Traffic Control Devices.** For devices that must meet crashworthiness standards, the Contractor shall provide a manufacturer's self-certification or a FHWA eligibility letter for each Category 1 device and a FHWA eligibility letter for each Category 2 and Category 3 device used on the contract. The self-certification or letter shall provide information for the set-up and use of the device as well as a detailed drawing of the device."

Revise the first six paragraphs of Article 1106.02 of the Standard Specifications to read:

"**1106.02 Devices.** Work zone traffic control devices and combinations of devices shall meet crashworthiness standards for their respective categories. The categories are as follows.

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, plastic drums, and delineators, with no attachments (e.g. lights). Category 1 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 1 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include vertical panels with lights, barricades, temporary sign supports, and Category 1 devices with attachments (e.g. drums with lights). Category 2 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 2 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2024.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions (impact

attenuators), truck mounted attenuators, and other devices not meeting the definitions of Category 1 or 2. Category 3 devices manufactured after December 31, 2019 shall be MASH-16 compliant. Category 3 devices manufactured on or before December 31, 2019, and compliant with NCHRP 350 or MASH 2009, may be used on contracts let before December 31, 2029. Category 3 devices shall be crash tested for Test Level 3 or the test level specified.

Category 4 includes portable or trailer-mounted devices such as arrow boards, changeable message signs, temporary traffic signals, and area lighting supports. It is preferable for Category 4 devices manufactured after December 31, 2019 to be MASH-16 compliant; however, there are currently no crash tested devices in this category, so it remains exempt from the NCHRP 350 or MASH compliance requirement.

For each type of device, when no more than one MASH-16 compliant is available, an NCHRP 350 or MASH-2009 compliant device may be used, even if manufactured after December 31, 2019."

Revise Articles 1106.02(g), 1106.02(k), and 1106.02(l) to read:

"(g) Truck Mounted/Trailer Mounted Attenuators. The attenuator shall be approved for use at Test Level 3. Test Level 2 may be used for normal posted speeds less than or equal to 45 mph.

(k) Temporary Water Filled Barrier. The water filled barrier shall be a lightweight plastic shell designed to accept water ballast and be on the Department's qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings.

(l) Movable Traffic Barrier. The movable traffic barrier shall be on the Department's qualified product list.

Shop drawings shall be furnished by the manufacturer and shall indicate the deflection of the barrier as determined by acceptance testing; the configuration of the barrier in that test; and the vehicle weight, velocity, and angle of impact of the deflection test. The Engineer shall be provided one copy of the shop drawings. The barrier shall be capable of being moved on and off the roadway on a daily basis."

**WORKING DAYS (BDE)**

Effective: January 1, 2002

The Contractor shall complete the work within 30 working days.

80071

# GENERAL CONDITIONS

**Please see the City of Joliet Special Provision Adopted October 15, 2020 and General Conditions Booklet Updated February 10, 2021 at https://www.joliet.gov/government/departments/purchasing/special-provisions-general-conditions**

**Section 2-448(c). Insurance; all construction and demolition contracts.**

1) The successful bidder in all construction and demolition contracts shall submit, with other required contract documents, a certificate of insurance, issued by an insurance company licensed to do business in Illinois, indicating the bidder as the insured and naming the City of Joliet (and its officers and employees) as additional insured with right of notice of cancellation for the duration of the contract in at least the following amounts:

   a) General Liability Insurance – One Million Dollars ($1,000,000) general liability insurance covering injuries, deaths and property damage.

   b) Workers Compensation Insurance – amount required by Illinois law.

2) The successful bidder shall require the same amounts and coverages as in sub-section (1) from all subcontractors.

3) The amounts stated in sub-section (1)(a) shall be doubled for contracts exceeding Five Hundred Thousand Dollars ($500,000).

4) The minimum amount of insurance may be modified and other insurance-related terms and conditions may be required in specific contracts as the Mayor and City Council may deem appropriate.




# City of Joliet

## Special Provisions

**City of Joliet Departments of Public Works & Public Utilities**
**150 W. Jefferson Street,**
**Joliet, IL 60432**

**July 15, 2022**

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# Introduction

The following Special Provisions supplement the latest edition of the "Standard Specifications for Road and Bridge Construction," the "Supplemental Specifications and Recurring Special Provisions", and the latest edition of the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways," and the "Standard Specifications for Water and Sewer Main Construction in Illinois" in effect on the date of invitation for bids. In case of conflict with any parts of said specifications, the said Special Provisions shall take precedence and shall govern. The above-named publications shall hereinafter be referred to as the "Standard Specifications" which apply to and govern construction within the City of Joliet.

## 100.00 LOCATIONS OF IMPROVEMENTS

Dekalb St. from Center St. to Pleasant St.; Dora Ave. from Woodruff Rd. to Garvin St.

## 100.01 DESCRIPTION OF IMPROVEMENTS

Improvements on Dekalb St. and Dora Ave. include excavation of the existing roadway, installation of 8" aggregate base course; B-6.12 curb & gutter; PCC Driveway Aprons, storm sewer and related appurtenances; restoration of parkway with topsoil and sod. The Hot Mix Asphalt surface and binder course shall be installed through a separate contract.

Estimated construction start date is April 1, 2023.

## 102.00 MINORITY EMPLOYMENT REQUIREMENTS

**For contracts valued greater than $100,000.00:**

The Bidder's attention is called to the following Equal Employment Opportunity Construction Contract Specification:

The contractor's aggregate workforce on all construction work covered by this contract shall include any combination of minority or female participation equaling or exceeding ten percent (10%) of the contractor's aggregate workforce. Compliance with this specification will be measured against the total hours performed, including all subcontracts.

The contractor shall submit to the Project Engineer monthly, certified payroll records in order to monitor the total work hours and those hours worked by minorities and/or females, before receiving a monthly payment. Upon completion of the contract, the contractor shall submit to the Project Engineer a summary of the total work hours and those hours worked by minorities and/or females prior to receiving any retainage reduction or final payment.

Non-compliance with this specification will result in the retainage of 2% of the total contract amount for a probationary period of one year from the completion of the contract. If within the one-year probation period the Contractor exceeds the minority employment requirements by the number of man-hours previously deficient, on another City of Joliet contract, the retainage from the prior contract will be released to the Contractor. If the Contractor fails to make up the minority hours on another contract within the probation period, the Contractor will be penalized 2% of the original contract amount.

**DEFINITION**

Minority shall include:

1. Black (all persons having origins in any of the Black African racial groups not of Hispanic Origin).

2. Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish culture or origin, regardless of race).

3. Asian and Pacific Island (all persons having origin in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands).

4. American Indian or Alaskan Native (all persons having origins in any of the original peoples of North American and maintaining identifiable tribal affiliations through membership and participation or community identification).

**For contracts valued less than or equal to $100,000.00:**

The contract does not contain a specific minority employment requirement; however, the City of Joliet encourages the contractor to maximize the amount of minority participation.

## 105.00 MATERIAL INSPECTION

All hot mix asphalt and Portland cement concrete materials that are part of this project shall be tested and inspected in accordance with the Illinois Department of Transportation's Project Procedures Guidelines (PPG) and the process and frequency of testing under the QC/QA specifications.

The Contractor shall provide documentation verifying that the mix designs to be used on the project for hot mix asphalt and Portland cement concrete meet IDOT specifications for the materials shown in the contract documents. This documentation as well as the mix designs shall be provided at the pre-construction meeting for the project.

The City's consultant will perform the City's QA testing of asphalt and concrete materials on-site and at the plant and act as the City's QA Manager. The City's consultant's name and contact information will be provided at the project preconstruction meeting. The contractor shall provide a request for material testing by the City's consultant by 4pm by email or fax and copy the City Engineer, 48 hours in advance of construction for inspection of all hot mix asphalt and Portland cement concrete materials used on this project.

The cost for this work shall be considered incidental to the contract. No other compensation will be allowed for this work.

## 107.20 MAILBOX PROTECTION/ RELOCATION (revised 7-15-22)

This work includes furnishing all material, equipment and labor necessary to relocate or otherwise protect existing mailboxes and their supports from all construction activity. Mailboxes, which require relocation, shall be located such that mail service is uninterrupted. Any mailbox that is not immediately repaired when disturbed will be re-installed by the City and the cost deducted from this contract. Hand formed curb required in front of mailboxes which cannot be relocated shall be

considered incidental to this item. Replacement of damaged support posts shall be at the Contractor's expense. Installation of mailbox shall be per US Postal Service Standard 7C.

Basis of Payment:

This work shall be paid for at the contract unit price per each for MAILBOX PROTECTION/ RELOCATION.

## 107.50 INTERRUPTION TO UTILITIES

The Contractor shall proceed with caution in the excavation and preparation of the trench so that the exact location of underground structures may be determined. Prior to proceeding with trench excavation, the Contractor shall contact all utility companies in the area to aid in locating their underground services. The Contractor shall take all reasonable precautions against damage to existing utilities. However, in the event of a break in an existing watermain, gas main, sewer or underground cable, he shall immediately notify the responsible official of the organization operating the utility interrupted. The Contractor shall lend all possible assistance in restoring services and shall assume all cost, charges, or claims connected with the interruption and repair of such services.

## 107.60 STRUCTURE PROTECTION

Temporary support, adequate protection and maintenance of all underground and surface structures, drains, sewers and other obstructions encountered in the progress of the work shall be furnished by the Contractor at his expense and under the direction of the Engineer. The structure, which may have been disturbed, shall be restored to its prior condition upon completion of the work.

## 108.10 PREMIUM TIME

The City shall be empowered to deduct from compensation due the Contractor, the sum of $25.00 per Inspector per hour for all inspection time in excess of the following provisions:

A. The City will not charge for premium time on one Saturday per month if the Contractor has been working on the controlling item of the contract for the previous three working days.

B. A Saturday rainout will be allowed, and no premium time will be charged only if the Contractor was performing work on the controlling item of the contract the working days prior to and after the actual rain date.

C. No premium time will be charged for the first nine (9) hours of work during any day.

D. Premium time will be charged for the following holidays: Christmas, New Year's Day, Thanksgiving, Memorial Day, July 4th and Labor Day.

The City of Joliet will also charge premium time for the cost of resetting any construction stakes damaged by the Contractor during his operations.

The number of Inspectors shall be determined by the following tabulation:

| Number of Workmen on Project | Maximum Number of Inspectors Required |
|---|---|
| 1 - 8 | 1 |
| 9 - 16 | 2 |
| 17 - 25 | 3 |
| Over 25 | As Required |

## 109.00 PARTIAL PAYMENTS AND RETAINAGE

Partial payments and retainage shall be calculated in accordance with Section 109.07 of the "Standard Specifications", with the addition of the following: at the Engineer's discretion, if the Contractor has completed all contract work except items delayed by circumstances beyond the Contractor's control, the retainage may be reduced to 2% of the total adjusted contract price.

## 201.00 TREE ROOT SAWING

This work consists of the vertical variable depth sawing of tree roots on those trees to remain at locations shown on the plans or as designated by the Engineer.

The Contractor shall machine saw in a vertical fashion the existing tree roots at a point 1 foot behind the proposed back of curb to ensure room for placing form work. The Contractor shall ensure the protection of trees to be saved in accordance with Article 201.05 of the "Standard Specifications". The disposal of materials shall be done in accordance with Article 202.03.

Basis of Payment:

This work includes all labor, equipment and materials necessary to sawcut as described above. This work will be paid for at the contract unit price each for TREE ROOT SAWING, measured at each tree where this work is performed.

## 202.10 PARKWAY EXCAVATION (Revised 7-15-22)

This item shall include all material, equipment, and labor required to excavate beyond the roadway excavation limit for proposed TOPSOIL PLACEMENT, and required SUB-BASE GRANULAR MATERIAL for P.C.C. SIDEWALK, P.C.C. DRIVEWAY PAVEMENT, AND HOT MIX ASPHALT DRIVEWAY PAVEMENT in accordance with all applicable portions of Section 202 of the Standard Specifications. This item shall also include the removal of asphalt pavement beyond the roadway excavation limits per section 440.

The depth of excavation shall range from, but not be limited to, 3 to 12 inches.

Basis of Payment:

This work shall be measured for payment at the contract unit price per square yard for PARKWAY EXCAVATION. The limits of excavation to be paid for are as indicated on the details in the plans, or as approved by the engineer. Without such approval, any additional width will be considered incidental to this item.

## 202.20 ROADWAY EXCAVATION

This item shall include all material, equipment, and labor required to excavate the existing roadway to the proposed sub-grade elevation, at a width of one (1) foot beyond the proposed back of curb, in accordance with all applicable portions of Sections 202 and 440 of the Standard Specifications.

The City of Joliet shall provide, on the plans, it's best information as to the existing roadway cross section. The contractor may, at his own expense, perform additional tests to verify the existing roadway cross section. No additional compensation will be allowed due to variations in the thickness or materials shown on the existing roadway cross section.

Basis of Payment:

This work shall be paid for at the contract unit price per cubic yard for ROADWAY EXCAVATION.

## 202.30 OVERHAUL

No payment for overhaul will be allowed for excavated material moved to or from any source.

## 202.40 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

A contingency amount of Removal and Disposal of Unsuitable Material is included in this contract, in the event that areas requiring removal of the unsuitable material below the subgrade are encountered. The removal shall be at the location and depth as directed by the Engineer. The location shall then be backfilled with Porous Granular Embankment, Special. The material shall be disposed of in accordance with Article 202.03 of the "Standard Specification." The volume of any unsuitable material removed shall be measured by the Engineer by taking cross sections before the work is started and again after it has been completed and computing the volume in cubic yards by the method of average end areas. This volume shall be agreed upon between the contractor and the Engineer.

Basis of Payment:

This work shall be paid for at the contract unit price as listed on the schedule of prices per cubic yard of material removed for REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, which price shall include the cost of all excavation and disposal of unsuitable materials and replacement with Porous Granular Embankment (Special).

## 202.50 TESTING FOR CONTAMINATED MATERIAL

This item shall include all materials, equipment, and labor, required to test **ALL** excavated materials for environmental contaminants as dictated by Clean Construction or Demolition Debris (CCDD) Legislation (PA 96-1416) incidental to the contract. It is the Contractor's responsibility to create and maintain all testing documentation to be supplied upon request.

Basis of Payment

All testing required shall be incidental to the contract.

## 202.60 REMOVAL AND DISPOSAL OF CONTAMINATED MATERIAL

This item shall include all materials, equipment, and labor, required to remove and dispose of any excavated material which tests positive for contamination in accordance with all IEPA regulations.

Basis of Payment

This work shall be paid for at the contract unit price per cubic yard, for REMOVAL AND DISPOSAL OF CONTAMINATED MATERIAL.

## 207.00 POROUS GRANULAR EMBANKMENT, SPECIAL

This work shall consist of furnishing and placing porous granular embankment to the lines and grades shown on the plans or as directed by the Engineer in accordance with the applicable portions of Section 207 of the "Standard Specifications." The material shall be used for fill areas within the limits of the roadway (2' wider than the back of curb) and as fill in areas where

unsuitable material is to be removed. The material shall conform to Article 1003.4 & 1004.5 of the "Standard specifications" except the gradation shall be as follows:

1. Crushed Stone, Crushed Blast Furnace Slag and Crushed Concrete:

| Sieve Size | Percent Passing |
|---|---|
| *6" | 90+/-10 |
| 2" | 40+/-25 |
| No. 200 | 0+/-10 |

2. Gravel, Crushed Gravel and Pit Run Gravel:

| Sieve Size | Percent Passing |
|---|---|
| *6" | 90+/-10 |
| 2" | 60+/-25 |
| No. 4 | 40+/-20 |
| No. 200 | 5+/-5 |

* For fill less than 18" sieve size may be 4".

Basis of Payment:

This work shall be paid for at the contract unit price per cubic yard for POROUS GRANULAR EMBANKMENT, SPECIAL.

## 208.00 TRENCH BACKFILL (rev 6/16/21)

This work shall conform to Section 208 of the "Standard Specifications." This item shall consist of furnishing, placing, compacting and transporting course aggregate gradation **CA-10 or CA-6** for backfilling material for all trenches made within the roadway, driveways, and as directed by the Engineer. All compaction shall be not less than 85 percent optimum, modified proctor. The material shall conform to Article 1004.5. This item also includes the disposal of the surplus excavated material which is replaced by trench backfill. Such disposal shall be made in accordance with Article 202.03 of the "Standard Specifications."

The Contractor shall maintain trenches flush with existing surfaces until permanent patches are installed or roadway excavation has begun. No additional compensation will be provided the Contractor for trench maintenance.

Method of Measurement:

Quantities incorporated into this item shall be measured by either of the following:

A. Article 208.03(a) of the "Standard Specifications."

B. The Trench Backfill table published by the State of Illinois, Department of Transportation, Division of Highways, Bureau of Construction in conjunction with the Oct. 1980 Revision. See attached table to be used.

Basis of Payment:

This work will be paid for at the contract unit price per cubic yard for TRENCH BACKFILL.

## 211.00 FURNISHING AND PLACING TOPSOIL

This work shall consist of furnishing and placing topsoil at the locations and to the thickness specified on the plans or as directed by the Engineer in accordance with Section 211 of the "Standard Specification".

Topsoil shall be pulverized and shall not be placed until the area to be covered has been shaped, trimmed, and finished. All unsuitable materials, debris and rubbish, resulting from construction operations, or accruing within the right of way, and all stones or boulders more than 3 inches in the largest dimension, shall be removed from the right of way and disposed of by the contractor in accordance with Article 202.03. One rolling of the entire surface shall be made immediately after topsoil placement.

If sod is not placed over the topsoil due to sod restrictions or within one week, all topsoil areas must be maintained. Topsoil maintenance shall include the removal, spraying or cutting of weeds over 8" high. This maintenance shall be performed a minimum of once (1) a month. In addition, prior to placing sod, all topsoil areas shall be clean of all weeds and debris. This maintenance shall be considered incidental to this item.

Basis of Payment:

Furnishing, placing and maintaining topsoil will be paid for at the contract unit price per square yard for FURNISHING AND PLACING TOPSOIL of the thickness specified.

## 251.00 HARDWOOD MULCH

This work shall consist of placing hardwood mulch around each tree within the right-of-way.

Sod shall not be placed within a foot and a half (1.5") annulus (or donut shape) around the base of any tree. The radius measured from the outer edge of the tree trunk. This area shall be covered with hardwood mulch to a depth of three (3") inches. This hardwood mulch placement shall be paid for separately.

Basis of Payment:

This work will be paid for at the contract unit price per each for HARDWOOD MULCH.

## 252.00 SODDING

This work shall consist of placing sod at the locations specified on the plans or as directed by the Engineer in accordance with Section 252 of the "Standard Specifications" including sod watering with the following exceptions.

**Absolutely NO sod shall be placed from May 16 to August 31.**

Sod shall not be placed within a foot and a half (1.5") radius around the base of any tree. The radius measured from the outer edge of the tree trunk. This area shall be covered with hardwood mulch to a depth of three (3") inches. This hardwood mulch placement shall be paid for separately.

All sod surfaces shall be rolled once prior to the initial watering.

Within 2 hours after the sod has been placed, 10 gallons of water per square yard shall be applied. Thereafter, each day, which does not receive more than 1 inch of natural rain, additional water shall be applied at the rate of 6 gallons of water per square yard. The number of additional watering shall not exceed 13 during the period of establishment, defined as the period between sod placement and when the sod becomes knitted to the soil and is growing in place. It is imperative that the contractor notifies the resident engineer each day that a watering is to take place. Payment for sod will **not** be made if the resident engineer does not verify that the City received the 13 additional watering.

Sodding will be measured for payment in place. To be acceptable, the sod shall be in a live, healthy condition and be knitted to the soil. When directed by the Engineer, any defective or unacceptable sod shall be removed, replaced and watered by the contractor at his/her own expense and in accordance with the requirements specified. Only acceptable sod will be measured for payment.

Basis of Payment:

Sodding will be paid for at the contract unit price per square yard for SODDING.

## 280.00 EROSION CONTROL

This item shall include all labor, materials, and equipment necessary to install and maintain storm sewer sediment control devices in accordance with the manufacturer's specifications and as directed by the engineer.

Flexstorm inlet filters manufactured by Inlet & Pipe Protection, Inc. (or approved equal) with woven monofilament geotextile filter fabric sediment bags shall be installed on the storm sewer inlet structures at all drainage discharge points during the installation of the storm sewer and prior to the excavation of the roadway. Also, metal plates of adequate size, shape and thickness shall be installed directly on all drainage structures providing a clean seal hindering debris from entering the drainage system.

Once the curb and gutter has been installed, Flexstorm inlet filters shall be installed on all storm sewer inlet structure castings with open lids or grates, within or adjacent to the project limits, and shall remain in place until the asphalt and sod have been placed and the sod watering by the contractor has been completed. The entire frame and sediment bag shall be removed, and the structure cleared of all debris, prior to the City accepting this project.

It is the Contactor's responsibility to review the plans and/or worksite to determine the quantity of each drainage structure casting type. The foundry casting number or the exact grate size and clear opening size will provide the information necessary to identify the required FLEXSTORM Inlet Filter part number.

The contractor shall be responsible for inspecting the sediment bags once per week and after every major rain event (1/2" or more), and removing and cleaning the sediment bag if it is more than half full or damaged. This shall be done until the Flexstorm inlet filters are permanently removed.

Excess /waste construction material shall be properly disposed off-site. No cleaning of equipment or tools, including concrete trucks, will be allowed within the project limits or into the City's storm sewer drainage system. The contractor shall provide a concrete truck washout plan at the time of the project pre-construction meeting, which is in compliance with NPDES permit requirements.

This item shall also include all labor, materials, and equipment necessary to mechanically clean all existing paved surfaces used as egress points from the construction zone at the end of each working day.

Basis of Payment:

This work will be paid for at the contract unit price per lump sum for EROSION CONTROL. No other compensation shall be allowed for this work. Failure of the contractor to comply with this specification will result in progress payments being withheld for the project until the terms of this specification are met to the satisfaction of the Engineer.

## 351.00 AGGREGATE BASE COURSE

This work shall be performed in accordance with Section 351 of the Standard Specifications with the exception that the first layer be constructed immediately following the roadway excavation. The Contractor shall place the first layer of base course before the end of each work day so that the limits of the excavation are accessible to vehicular traffic. The first layer of base course shall be a minimum thickness of three inches and the width shall extend to the limits of the roadway as shown in the plans. Aggregate ramps shall be constructed at the limits of the excavation at the end of each work day to allow vehicular access to the roadway. All material used in providing access shall be utilized in the final base course and shall be considered incidental to this item.

Upon completion of the first layer of base course and after the installation of the curb and gutter, a proof roll shall be performed to locate any unsuitable sub-grade material that will require removal. This proof roll shall be accomplished in the presence of the engineer and shall be done with a loaded semi-truck.

Upon completion of the final lift of base course and prior to the placement of the hot mix asphalt pavement, the contractor shall perform another proof roll.

Upon completion of the final lift of base course, an aggregate ramp shall be constructed at each end of the project and cross streets. This aggregate ramp shall consist of material equal to in type (A or B) of the aggregate base course and shall be constructed the entire width of the street. The length of the ramp shall be 12 inches for every 2 inches of drop-off in elevation between the existing roadway surface and the aggregate base course. On a typical construction project, the length of the aggregate ramp shall be approximately twenty-four feet (24').

A perpendicular saw cut across the existing asphalt roadway pavement will be performed as necessary by the contractor to provide a clean, even joint prior to the installation of the asphalt binder course (to be performed by a separate contract if the project does not include this item of work). The Contractor shall saw cut the pavement and remove the aggregate ramp within 24 hours after notice is given by the engineer.

Method of Measurement:

Aggregate used for base course will be measured for payment in square yards of the thickness specified. Material used in providing roadway access will not be measured separately but shall be considered incidental to the plan quantity for Aggregate Base Course, of the type specified. Material used in constructing the aggregate ramp will not be measured separately but shall be considered incidental to this item. Also, no additional compensation will be made for the performance of the two (2) proof roles.

Method of Payment:

This work will be paid for at the contract unit price per square yard for AGGREGATE BASE COURSE, TY A or AGGREGATE BASE COURSE, TY B. The saw cutting of asphalt will be paid for separately per the contract unit price per linear feet for SAW CUT ASPHALT SURFACE. No other compensation will be allowed for this work.

## 356.00 REPAIR AND PREPARATION OF BASE COURSE

This work shall consist of repairing the newly placed Aggregate Base Course and preparing the Aggregate Base for Bituminous Binder Course a second time. The initial shaping and compacting of the Aggregate Base shall be included with the Aggregate Base Pay Item, unless specified otherwise in the construction documents.

This work shall be performed as directed by the Engineer in accordance with Section 358 of the "Standard Specifications" with the exception that the contractor will be required to perform this work within three days prior to the re-scheduled placement of the bituminous binder course as designated by the Engineer. The City of Joliet Resident Engineer shall notify the contractor of the scheduled date of bituminous placement a minimum of 5 working days before this work shall be performed.

Method of Measurement:

This work shall be measured per square yard, including Aggregate Base Surface area between the edges of pavements multiplied by the length of roadway.

Basis of Payment:

This work shall be paid for at the contract unit price per square yard for REPAIR AND PREPARATION OF BASE COURSE and shall include reshaping and compacting existing Aggregate Base or furnished Aggregate Base material. The furnishing of additional Aggregate Material shall be paid for by the ton as AGGREGATE BASE REPAIR.

## 406.10 SAWCUT ASPHALT SURFACE

This work consists of the full depth sawing of the existing bituminous concrete pavement, existing seal coat surface or asphalt driveway pavement with a sawing machine at locations shown on the plans or as designated by the Engineer.

The Contractor shall machine saw a perpendicular clean joint between the portion of bituminous concrete surface to be removed and that to be left in place, to prevent damage to the remaining surface. If additional surface is damaged or removed due to negligence on the part of the Contractor, the additional work will not be measured for payment and shall be done at the Contractor's expense.

Basis of Payment:

This work includes all labor, equipment and materials required to saw cut as described above. This work will be paid for at the contract unit price per linear foot for SAWCUT ASPHALT SURFACE.

## 406.20 SAWCUT CONCRETE SURFACE

The Contractor shall saw to a full depth, a joint between the portion of the sidewalk, combination curb and gutter or concrete driveway pavement removed and that left in place unless otherwise directed by the Engineer. The sawing shall be accomplished with a concrete sawing machine to prevent the surface from spalling when the material is broken out. This work shall be done in such a manner that a straight joint will be served.

No additional compensation will be allowed because of variations from the assumed thickness or from the thickness shown on the plans, or for variations in the amount of reinforcement.

If additional surface is damaged or removed due to any action on the part of the Contractor, the additional work to saw cut, remove and replace that damaged portion will not be measured for payment. This loss shall be borne by the Contractor.

Basis of Payment:

This work includes all labor, equipment, and materials required to saw cut as described above. This work will be paid for at the contract unit price per linear foot for SAWCUT CONCRETE SURFACE.

## 406.40 TEMPORARY DRIVEWAY ACCESS

This work shall include all labor and materials necessary to construct and remove temporary aggregate access ramps into each driveway with access off of an alley after grading operations are complete. These ramps shall be constructed and completed to the satisfaction of the Engineer and shall remain in place until asphalt paving is to take place. The Contractor shall be responsible at his/her cost to maintain these aggregate ramps until permanent alley pavement and driveway approaches are in place.

Basis of Payment:

This work shall be paid for at the contract unit price per ton for TEMPORARY DRIVEWAY ACCESS.

## 407.00 HOT MIX ASPHALT REMOVAL AND REPLACEMENT (rev 7-15-22)

This item includes the labor, equipment and materials necessary for the removal of the existing roadway and replacement with Hot Mix Asphalt Surface Course, and Hot Mix Asphalt Binder

Course, of the thickness specified and as shown on the plans. This work shall be performed in accordance with Sections 440 and 406 of the "Standard Specifications".

Basis of Payment:

This work will be paid for at the contract unit price per square yard for HOT MIX ASPHALT REMOVAL AND REPLACEMENT, of the thickness specified, as measured in place.

## 407.10 HOT MIX ASPHALT DRIVEWAY PAVEMENT

This work includes the labor, materials and equipment necessary for placing Hot Mix Asphalt Surface Course, IL 9.5, Mix D, N50, of the compacted thickness specified, for driveway pavement as shown on the plans or as directed by the Engineer. This work shall be performed in accordance with Section 406 of the "Standard Specifications".

The driveway will be prepared for Hot Mix Asphalt material by placing a sub-base granular material, Type C of the thickness specified on the plans and/or as directed by the engineer. The sub-base granular material, Type C shall be placed on undisturbed or compacted ground in the driveway area and shall have a minimum thickness of 6 inches. Existing hot mix asphalt pavement will be sawcut to provide a clean edge to match the proposed pavement.

Saw cutting will be paid for separately. The sub-base granular material, Type C placement and compaction will be paid for separately.

The driveway pavement will be rolled or compacted with a mechanical tamper to insure proper compaction and a smooth surface of the bituminous surface.

Basis of Payment:

This work will be paid for at the contract unit price per square yard for HOT MIX ASPHALT DRIVEWAY PAVEMENT, of the thickness specified, as measured in place.

## 423.00 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT

This work includes furnishing all materials, equipment and labor necessary to install P.C.C. Driveway Pavement in accordance with Section 423 of the "Standard Specifications."

All driveways shall be six inches (6") in thickness (except for those that bear loads greater than passenger vehicles, which shall be 8" thickness) and reinforced by 6" x 6" #10/#10 welded wire fabric. All driveways shall be placed on a three inch (3") thick sub- base of stone. The stone sub-base shall be provided by the City unless the contract includes the pay item SUB-BASE GRANULAR MATERIAL, TYPE C, 3", in which case the stone shall be paid for separately. Placement and compaction of the stone shall be done by the Contractor.

All driveways shall slope uniformly from the front face of the sidewalk to the back face of the depressed curb. Pavement width shall be as shown on the plans. Expansion material shall be put at both ends of the approach.

Basis of Payment:

This work will be paid for at the contract unit price per square yard for PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, of the thickness specified, measured in place.

## 424.00 PORTLAND CEMENT CONCRETE SIDEWALK (revised 7-15-22)

This work includes furnishing all material, equipment and labor necessary to install sidewalk in accordance with Section 424 of the "Standard Specifications." All sidewalks except driveway sidewalks shall be five inches (5") thick. All residential driveway sidewalks shall be six inches (6") thick and reinforced with 6" x 6" #10/#10 welded wire fabric. All sidewalks through alley and commercial aprons shall be eight inches (8") thick with 6"x6" #10/ #10 welded wire fabric. The additional concrete and fabric shall be considered incidental to the cost of P.C.C. sidewalk. All sidewalks shall be placed on a three inch (3") thick aggregate sub-base. The aggregate sub-base shall be provided by the City, unless the contract includes the pay item SUB-BASE GRANULAR MATERIAL, TYPE C, 3", in which case the stone aggregate shall be paid for separately. The stone aggregate sub-base shall be placed and compacted by the Contractor.
All sidewalks shall be installed with a 1/4 inch per foot slope towards the street. Sidewalk elevations shall be set so as to maintain a slope of 1/2 inch per foot between the sidewalk and the top of curb wherever possible. All grades shall be set or checked by the Contractor prior to construction. Ramps for the handicapped shall be installed at all intersections as per State Standard No. 424001-11, 424006-05, 424011-04, 424016-05, 424021-06 & 424026-03. A 24" wide strip of **UV resistant powder coated finished Galvanized 10 gauge steel (G90 galvanized thickness w/ 10 year warrantee) or re-usable cast iron plate detectable warnings- truncated domes with contrasting color (natural patina unfinished)- shall be installed across the entire depression of the ramp (longitudinally). The cast iron plates shall be free from warps, and have vent holes or anchors.**

Under no circumstance shall the Contractor stamp their name, phone number, or any other information in newly constructed concrete work.

Basis of Payment:

The work will be paid for at the contract unit price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH, measured in place.

Payment for the Detectable Warnings shall be paid for at the contract unit price per square foot for DETECTABLE WARNINGS as measured in place.

Earth Excavation shall be paid for as PARKWAY EXCAVATION (Joliet Special Provision No. 202.10).

## 440.11 CONCRETE DRIVEWAY PAVEMENT REMOVAL

This work includes the removal of existing concrete driveway pavement in accordance with Section 440 of the "Standard Specifications". Saw cutting the existing concrete surface will be paid for separately.

Basis of Payment:

This work will be paid for at the contract unit price per square yard for CONCRETE DRIVEWAY PAVEMENT REMOVAL, measured in place, and which price shall include all labor, material, and equipment necessary to complete this work.

## 440.40 LATE SIDEWALK REMOVAL

This item shall include all materials, equipment, and labor, required to excavate and dispose of, the existing sidewalk necessary to construct proposed sidewalk, identified after the curb has been installed and backfilled. Once the proposed curb has been installed, additional sidewalk identified for removal during the curb backfilling operation, shall not be considered late sidewalk removal. A minimum of one excavation pass, after curb installation, shall be considered incidental to curb installation, and sidewalk removed shall be paid for as standard sidewalk removal. On jobs where the City provides trucks and stone, sidewalk removal shall be considered incidental to EQUIPMENT RENTAL. Only sidewalk identified and removed after EQUIPMENT RENTAL has ended shall be considered for LATE SIDEWALK REMOVAL. The hauling and disposal of this sidewalk shall be the Contractor's responsibility and shall be considered incidental to LATE SIDEWALK REMOVAL.

Basis of Payment:

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

## 442.10 PORTLAND CEMENT CONCRETE PAVEMENT REMOVAL AND REPLACEMENT

This work includes furnishing all materials, equipment and labor necessary to remove the existing pavement- including sub-base, and to replace the pavement in accordance with Section 442 of the "Standard Specification" for Class B Patches to the proposed grades shown on the plans. All earth excavation and granular sub-base removal will be performed per Section 202. The concrete pavement shall be placed on 4" of Granular Sub-base material, Ty B. The Granular Sub-base material shall be placed per section 311. No.6 transverse tie bars, 24" long, embedded 8 in., shall be installed at 24" cts. to adjacent pavement, and curb & gutter.

All required reinforcement and dowel bars shall be incidental to this item. No other compensation shall be allowed for reinforcement.

Basis of Payment:

This work will be paid for at the contract unit price per square yard for PORTLAND CEMENT CONCRETE PAVEMENT REMOVAL AND REPLACEMENT, of the thickness specified, measured in place.

## 550.00 STORM SEWERS

This work shall consist of constructing storm sewers of the required inside diameter with the necessary fittings at the locations shown on the plans and constructed in accordance with Section 550 of the Standard Specifications.

The storm sewer material shall be Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe meeting ASTM specification C-76. The pipe joint shall meet ASTM Specifications C-361 for reinforced concrete low head pressure pipe and shall either be confined "O-Ring" or "Tylok" for the gasket material.

Basis of Payment:

This work will be paid for at the contract unit price per linear foot for STORM SEWERS of the type and size specified, measured in place. This price shall include the cost of all pipe fittings required.

The cost of connecting proposed storm sewers to existing storm sewers at existing drainage structures shall be considered as incidental to the cost of the proposed storm sewers. No additional compensation will be allowed.

## 550.10 DUCTILE IRON PIPE FOR STORM SEWERS

Ductile iron pipe for storm sewers shall conform to ANSI/AWWA C151/A21.51-86. Class, thickness designation, casting, marking, testing, etc., shall be as specified on the plans or special provisions, in accordance with applicable ANSI or AWWA designations. Unless otherwise specified, all ductile iron pipes shall be thickness Class 52. Fittings shall be ductile iron compact fittings conforming to ANSI/AWWA C153/A21.53-88 and rubber gaskets shall conform to ANSI/AWWA C111/A21.11-90. Construction of ductile iron pipe storm sewers shall be done in accordance with Section 550 of the Standard Specifications.

Basis of Payment:
This work will be paid for at the contract unit price per linear foot for STORM SEWERS, DUCTILE IRON PIPE, of the type and size specified, measured in place. This price shall include the cost of all pipe fittings required. The cost of connecting proposed storm sewers to existing storm sewers at existing drainage structures shall be considered as incidental to the cost of the proposed storm sewers. No additional compensation will be allowed.

## 550.30 WIDTH OF EXCAVATION FOR STORM SEWER

Unless otherwise allowed in writing by the Engineer, the maximum width of excavation for storm sewer construction shall be as follows:

| DEPTH TO INVERT | WIDTH MAXIMUM |
|---|---|
| 5.0' or Less | 9" + O.D. + 9" |
| Greater than 5.0' | 18" + O.D. + 18" |

**Any excavation beyond these limits is done by the Contractor solely for his convenience and at his expense.**

Excavation in rock shall conform to Standard Specification Section 502. Rock shall be over-dug to provide 6 inch bedding for the storm sewer.

## 551.10 REMOVE AND RELAY STORM SEWERS

This work shall be performed in accordance with Section 551 of the "Standard Specifications".

Upon removal of the existing storm sewer, the trench shall be regraded to the proposed line and grade as shown in the plans. All pipe considered suitable for relaying by the Engineer shall then be installed. All new materials, except those materials having salvage value and which were damaged by the Contractor, will be paid for separately.

Construction requirements shall conform to Section 550 of the "Standard Specifications."

Basis of Payment:

This work will be paid for at the contract unit price per linear foot for REMOVE AND RELAY STORM SEWERS, of the diameter specified, measured in place. This price shall include bedding material, preformed flexible gaskets, and all excavation except excavation in rock.

The furnishing of all new pipe, except as noted above, excavation in rock, and trench backfill will be measured and paid for separately.

## 560.60 SANITARY SERVICE REPLACEMENT

CASE ONE: Wherever sanitary sewer services are encountered during the course of the work, and are located above but not in conflict with the construction, the Contractor shall replace that portion of the service line spanning the excavation three feet to either side of the trench walls. The replacement material shall be ASTM D3034, SDR 26 of the same diameter as the existing line. The PVC pipe shall be supported on both ends by not less than 3 feet of undisturbed soil. The PVC pipe shall be coupled with the existing sewer on both ends using SHEARLESS TYPE mission couplings or an approved equal.

CASE TWO: Wherever sanitary services are encountered during the course of the work and are in conflict with or within six inches (6") of the proposed sewer line, the Contractor shall replace the existing service line to the extent necessary by vertically adjusting the line within the limits of the right-of-way, so as to resolve the conflict. The replacement material shall be ASTM D3034, SDR 26, of the same diameter as the existing line. The PVC pipe shall be coupled with the existing sewer on both ends with SHEARLESS TYPE mission couplings or an approved equal. This work does not include installing a new service connection to the sewer main, installing a parallel sanitary sewer or adjustments outside of the right-of-way.

Method of Measurement:

This work shall be measured in lineal feet along the top of the sanitary pipe replacement. No separate measurement shall be made for materials including fittings, couplings, concrete or mortar, or for excavation except in rock. Excavation of rock and trench backfill shall be measured for payment in accordance with the contract specifications.

Basis of Payment:

This work will be paid for at the contract unit price per lineal foot for SANITARY SERVICE REPLACEMENT CASE ONE OR SANITARY SERVICE REPLACEMENT CASE TWO. Such payment shall compensate the Contractor for furnishing all labor, equipment, and materials required to satisfactorily complete this work.

## 563.40 ADJUSTING WATER SERVICE LINES

All domestic water services shall be maintained. If a water service needs to be adjusted vertically during construction, the Contractor shall provide all the necessary materials, equipment and labor required to adjust that portion of the water service. Unless otherwise specified by the Engineer, all water service pipes shall be one inch (1"), Type K copper, with the appropriate flared or compression fittings at the connection points.

The horizontal and vertical separation between water service lines and all storm sewers, sanitary sewers, combined sewers or any drain or sewer service connection shall be the same as water main separation specifications outlined in the Standard Specifications. Minimum depth of cover for all water service lines shall be 5 feet from the existing ground surface.

All water service pipes shall receive trench backfill to the existing surface when under pavement.

Basis of Payment:

This work will be paid for at the contract unit price per lineal foot for ADJUSTING WATER SERVICE LINES, which price shall include all excavation except excavation in rock, and all materials including fittings, trench backfill, and pavement replacement as required by the work.

## 563.50 DOMESTIC WATER SERVICE BOXES TO BE RELOCATED

Relocation shall consist of installing a new curb stop in the service line and relocating the existing or furnishing a new Buffalo Box. Curb stop shall be Mueller #B25155 or McDonald #6104T or approved equal. New curb stops shall be seated on a molded concrete base and centered using a plastic alignment fitting. Buffalo Boxes shall be cast iron with 2 inch minimum inside diameter Tyler series 6500 or approved equal.

The relocated Buffalo Boxes shall be adjusted to finished grade. No additional compensation shall be made for vertical adjustment to grade of relocated boxes. The contractor shall furnish and install all materials required for this item.

Basis of Payment:

This work will be paid for at the contract unit price each for DOMESTIC WATER SERVICE BOX TO BE RELOCATED.

## 563.55 DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED

All buffalo boxes at non-conflicting locations shall be adjusted to finished grade. Those adjustments requiring extensions or repair to the buffalo box shall be compensated. These required extensions shall be determined in field. The contractor shall furnish and install all materials required for this item. A Buffalo pattern box, as produced by Tyler series 6500 or approved equal, shall be centered over the curb stop using a plastic alignment fitting. The b-box shall be properly supported and not bear directly on the water service line. The length of the b-box shall be sufficient to allow adjustment ±3 inch from finished grade. Prior to final payment all b-boxes will be tested with the turnkey to verify they are clean and free of impediments.

Basis of Payment:

This work will be paid for at the contract unit price each for DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED.

## 564.20 RELOCATE FIRE HYDRANT WITH AUXILLARY VALVE

This item shall be in accordance with the applicable portions of Section 564 of the "Standard Specifications." Hydrants shall be located a minimum of two (2) feet behind back of curb in locations determined on the plans or by the resident Engineer. They shall be plumb and shall be set so that the lowest hose connection is at least eighteen (18) inches above the surrounding finished grade and that the 'break-away' connection is no more than three inches (3") above the finished ground surface. Ductile iron 'offset fittings', or approved equal, shall be used to make final adjustments. A minimum of a 1/4 cubic yard of course stone shall be placed at and around the base of the hydrant to insure proper drainage of the hydrant after use. Care shall be taken to

ensure that weep holes are not covered by concrete. The hydrant shall be set on a concrete block to ensure a firm bearing for the hydrant base. The resetting of existing hydrants and moving and reconnections of existing hydrants shall be handled in a manner similar to a new installation. Watermain extensions shall be made with Iron Pipe Class 52 in accordance with AWWA C151, and with set screw-type retainer glands on all mechanical joints in accordance with AWWA C153. Tyler 5-158 MJX Flange Adapters should be used when connecting to existing flanged auxiliary valve. Tie rods, friction clamps, ductile lugs or other restraint systems approved by the Engineer, must be used to restrain all existing pipe joints between the hydrant and the tee including the valve and the tee. This restraining system shall be installed prior to making the vertical and/or horizontal adjustment to the fire hydrant. All fittings (including tie rods, friction clamps, or other restraint systems), ductile iron pipe and stone required to complete this work shall be included in the unit price to move the hydrant. The auxiliary valve shall be minimum of 6" behind the proposed curb & gutter when relocated.

Basis of Payment:
This work will be paid for at the contract unit price each for RELOCATE FIRE HYDRANTS WITH AUXILLARY VALVE. All fittings required to complete this work shall be included in the unit price to move the fire hydrant.

## 602.00 MANHOLES

This work shall consist of the construction of manholes without frame and lid. Construction shall be specified in section 602 of the "Standard Specifications for Road and Bridge Construction," with the exception that furnishing and placing castings shall be paid for separately. Manholes shall be constructed to the size and type specified. Manholes shall be plated at the time of installation as per specification

.

Basis of Payment

This work shall be paid for at the contract unit price for MANHOLE of the size and type specified. Frames and lids shall be paid for separately.

## 602.20 CATCH BASIN TO BE RELOCATED

This work includes furnishing all materials, equipment and labor necessary for the removal and relocation of an existing catch basin from the existing location to the proposed line and grade as shown on the plans in accordance with the Section 602 of the "Standard Specifications" as applicable. This work shall include backfilling the removed structure excavation with trench backfill, and excavation and backfilling with trench backfill for the relocated catch basin. Installing the proposed storm sewer to the relocated catch basin and plugging the catch basin's existing storm sewer opening with brick and suitable mortar, if necessary, shall be considered incidental to the catch basin to be relocated.

Basis of Payment:

This work shall be paid for at the contract unit price each for CATCH BASIN TO BE RELOCATED, which price shall include all labor, equipment and materials necessary to satisfactorily complete the work as described above.

## 602.42 TYPE 11 FRAME AND GRATE (SPECIAL)

Where Type 11 Frame and Grates (Special) are specified in the plans and contract, either as a furnished and installed item or as part of a catch basin/inlet, the Type 11 Frame and Grate (Special) shall be an East Jordan Frame No. 7210 with an M3 Grate, or an approved equivalent. This frame and grate shall be used as required by the plans within areas of depressed curb.

Basis of Payment:

This work shall be paid for at the contract unit price each for CATCH BASIN/INLET WITH TYPE 11 FRAME AND GRATE (SPECIAL) or for TYPE 11 FRAME AND GRATE (SPECIAL) TO BE FURNISHED AND INSTALLED. No additional compensation shall be allowed due to providing this specified frame and grate.

## 602.44 TYPE 11 FRAME AND GRATE (VANED)

Where Type 11 Frame and Grate (Vaned) are specified in the plans and contract, either as a furnished and installed item or as part of a catch basin/inlet, the Type 11 Frame and Grate (Vaned) shall be an East Jordan Frame No. 7210 with an M4 Grate, or an approved equivalent. This frame and grate shall be used as required by the plans within areas where the longitudinal slope exceeds the cross slope.

**The top of the grate (curb back) shall include a 'Public Notification' statement not to pollute in accordance with CLEAN WATER ACT storm water discharge requirements. The notification shall be permanently cast in the structure.**

Basis of Payment:

This work shall be paid for at the contract unit price each for CATCH BASIN/INLET WITH TYPE 11 FRAME AND GRATE (VANED) or for TYPE 11 FRAME AND GRATE (VANED) TO BE FURNISHED AND INSTALLED. No additional compensation shall be allowed due to providing this specified frame and grate at additional areas not specified on the plans.

## 606.00 COMBINATION CONCRETE CURB AND GUTTER

This work includes furnishing all materials, equipment and labor necessary to install combination concrete curb and gutter of the type specified in accordance with Section 606 of the "Standard Specifications" and IDOT Highway Standard Detail 606001-8, with the exception that the sawcut contraction joint spacing shall be at fifteen feet intervals.

Depressed curbing shall be placed at all driveway entrances and as shown on the plans or as directed by the Engineer. No additional compensation shall be allowed for depressed curbing. Curb shall be constructed with a nine inch (9") minimum thickness at the flag.

The string line for slip-formed curb shall be set in accordance with the grades provided for the project. No adjustments shall be made unless supervised and/or directed by the resident engineer or project engineer. A maximum vertical construction tolerance of $\pm$ 0.02 feet is allowed. In all cases, positive flow must be maintained to all drainage structures.

The castings for all drainage structures which are in the curb line shall be placed after the mainline curb is installed. A minimum twelve foot (12 ft) gap shall be centered at the drainage structure.

Expansion joints shall be placed at the following locations:

- Start and end of all radius points;
- All construction joints and interrupted placement locations;
- Curb terminations with bullnose section at project ends; and
- Approximately five feet (5 ft) each side of curb line drainage structures.

This work shall also include backfilling and compaction behind the curbs, within the affected parkway area, and shall be considered incidental to this item.

Basis of Payment:

This work shall be paid for at the contract unit price per linear foot for COMBINATION CONCRETE CURB AND GUTTER, of the type specified. Tie bars shall be incidental to this item.

## 701.00 TRAFFIC CONTROL AND PROTECTION

This item shall include furnishing, installing, maintaining, relocating and removing all traffic control devices used for the purpose of regulating, warning or directing traffic during the construction or maintenance of this improvement.

Traffic Control and Protection shall be provided as called for in the plans, these Special Provisions, applicable Highway Standards, applicable sections of the Standard Specifications or as directed by the Engineer.

The governing factor in the execution and staging of work for this project is to provide the motoring public with the safest possible travel conditions along the roadway through the construction zone. All traffic control devices used on the project shall conform to the plans, special provisions, traffic control standards, traffic specifications and the "Illinois Manual on Traffic Control Devices for Streets and Highways" and the "Traffic Control Devices Handbook." No modification of these requirements will be allowed without prior written approval of the Engineer.

The Contractor shall be responsible for the proper location, installation, and arrangement of all traffic control devices. All traffic control devices shall remain in place until specific authorization and relocation or removal is received from the Engineer.

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

Basis of Payment:

This work will be paid for at the contract unit price per lump sum for TRAFFIC CONTROL AND PROTECTION.

## 814.10 REMOVE AND REPLACE HANDHOLE

This work shall consist of removing the top of the existing handhole and adjusting the handhole and bringing the handhole to grade at locations shown on the plans and as directed by the Engineer.

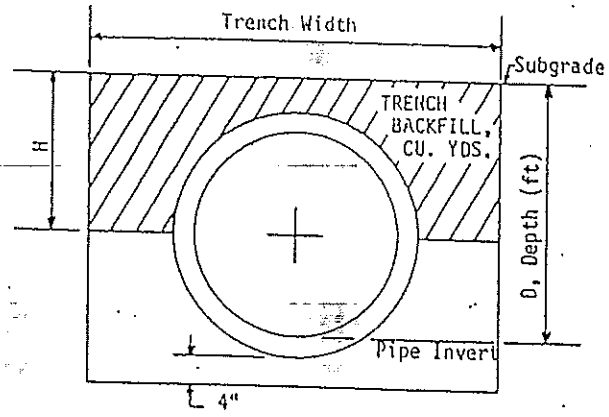
The work shall including removing the existing sidewalk cast in place with the top of the existing handhole. The handhole frame and cover shall be removed and salvaged. The walls of the handhole shall be removed a minimum depth of eight inches below finished grade. Upon completion of removal, four holes, four inches in depth and one-half (1/2) inch in diameter shall be drilled into the remaining concrete- on hole centered on each of the four handhole walls. Four (4) #3 steel dowels, eight (8) inches in length, shall be furnished and shall be installed in the drilled holes with masonry epoxy. Surplus material shall be disposed of according to Article 202.03.

The area adjacent to each wall of the handhole shall be excavated to allow for forming. All materials including steel dowels and concrete shall be provided to adjust the handhole to grade in accordance with the applicable portions of the Standard Specifications. The top of the handhole shall be replaced to the same dimensions of the existing concrete or a directed by the engineer.

Any frame and cover which is damaged by the Contractor shall be replaced in kind at the Contractor's expense.

Basis of Payment:

This work will be paid for at the contract unit price per EACH for Remove and Replace Handhole.




Trench Width shall be 9"+OD+9", when trench is not sheeted or shored and 18"+OD+18", when trench is sheeted or shored.

VOLUME OF TRENCH BACKFILL (CU. YDS.) PER LINEAL FT. OF STORM SEWER

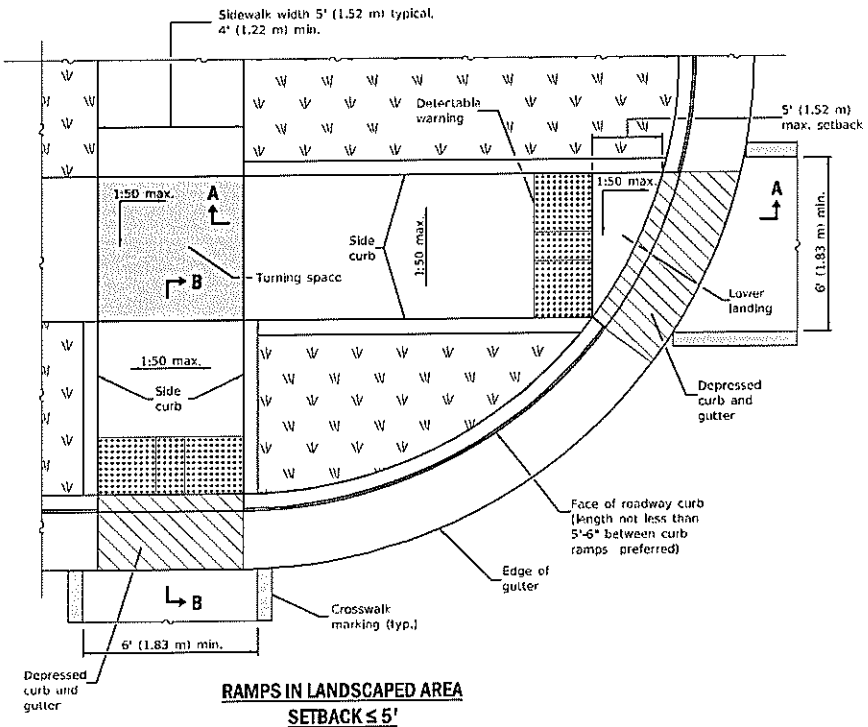
| D | Inside Diameter (ID) of Pipe | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Feet | 8" | 10" | 12" | 15" | 18" | 21" | 24" | 27" | 30" | 33" | 36" |
| 2.0 | 0.138 | 0.136 | 0.132 | 0.121 | 0.105 | | | | | | |
| 2.2 | 0.156 | 0.155 | 0.152 | 0.143 | 0.130 | 0.111 | | | | | |
| 2.4 | 0.174 | 0.175 | 0.173 | 0.167 | 0.155 | 0.138 | 0.116 | | | | |
| 2.6 | 0.192 | 0.194 | 0.194 | 0.190 | 0.180 | 0.166 | 0.146 | 0.121 | | | |
| 2.8 | 0.210 | 0.214 | 0.215 | 0.213 | 0.205 | 0.193 | 0.175 | 0.152 | 0.124 | | |
| 3.0 | 0.228 | 0.234 | 0.236 | 0.236 | 0.231 | 0.220 | 0.205 | 0.184 | 0.158 | | |
| 3.2 | 0.246 | 0.253 | 0.257 | 0.259 | 0.256 | 0.248 | 0.235 | 0.216 | 0.192 | 0.163 | |
| 3.4 | 0.264 | 0.272 | 0.278 | 0.282 | 0.281 | 0.275 | 0.264 | 0.248 | 0.226 | 0.199 | 0.168 |
| 3.6 | 0.282 | 0.292 | 0.299 | 0.305 | 0.307 | 0.303 | 0.294 | 0.280 | 0.260 | 0.236 | 0.206 |
| 3.8 | 0.300 | 0.311 | 0.320 | 0.329 | 0.332 | 0.330 | 0.323 | 0.311 | 0.294 | 0.272 | 0.244 |
| 4.0 | 0.319 | 0.331 | 0.341 | 0.352 | 0.358 | 0.358 | 0.353 | 0.343 | 0.328 | 0.308 | 0.282 |
| 4.2 | 0.336 | 0.350 | 0.362 | 0.375 | 0.383 | 0.385 | 0.383 | 0.375 | 0.362 | 0.344 | 0.321 |
| 4.4 | 0.354 | 0.370 | 0.383 | 0.398 | 0.408 | 0.413 | 0.412 | 0.407 | 0.571 | 0.548 | 0.520 |
| 4.6 | 0.610 | 0.622 | 0.632 | 0.642 | 0.647 | 0.647 | 0.642 | 0.632 | 0.616 | 0.595 | 0.569 |
| 4.8 | 0.639 | 0.653 | 0.664 | 0.676 | 0.684 | 0.686 | 0.683 | 0.674 | 0.661 | 0.643 | 0.619 |
| 5.0 | 0.668 | 0.683 | 0.696 | 0.711 | 0.720 | 0.724 | 0.723 | 0.717 | 0.706 | 0.690 | 0.668 |
| 6.0 | 0.815 | 0.837 | 0.856 | 0.882 | 0.902 | 0.918 | 0.927 | 0.932 | 0.931 | 0.926 | 0.915 |
| 7.0 | 0.961 | 0.990 | 1.017 | 1.053 | 1.084 | 1.110 | 1.131 | 1.146 | 1.157 | 1.162 | 1.162 |
| 8.0 | 1.107 | 1.143 | 1.177 | 1.224 | 1.266 | 1.303 | 1.335 | 1.361 | 1.382 | 1.398 | 1.409 |
| 9.0 | 1.253 | 1.297 | 1.338 | 1.396 | 1.449 | 1.496 | 1.539 | 1.576 | 1.608 | 1.635 | 1.656 |
| 10.0 | 1.399 | 1.450 | 1.499 | 1.568 | 1.631 | 1.689 | 1.742 | 1.790 | 1.833 | 1.871 | 1.903 |
| 11.0 | 1.545 | 1.603 | 1.659 | 1.739 | 1.813 | 1.882 | 1.946 | 2.005 | 2.058 | 2.107 | 2.150 |
| 12.0 | 1.691 | 1.757 | 1.820 | 1.910 | 1.994 | 2.076 | 2.150 | 2.219 | 2.284 | 2.343 | 2.397 |
| * | 0.0292 | 0.0307 | 0.0321 | 0.0343 | 0.0364 | 0.0386 | 0.0407 | 0.0429 | 0.0451 | 0.0472 | 0.0494 |

* Additional for each 0.2' depth increment above 5.0 feet.

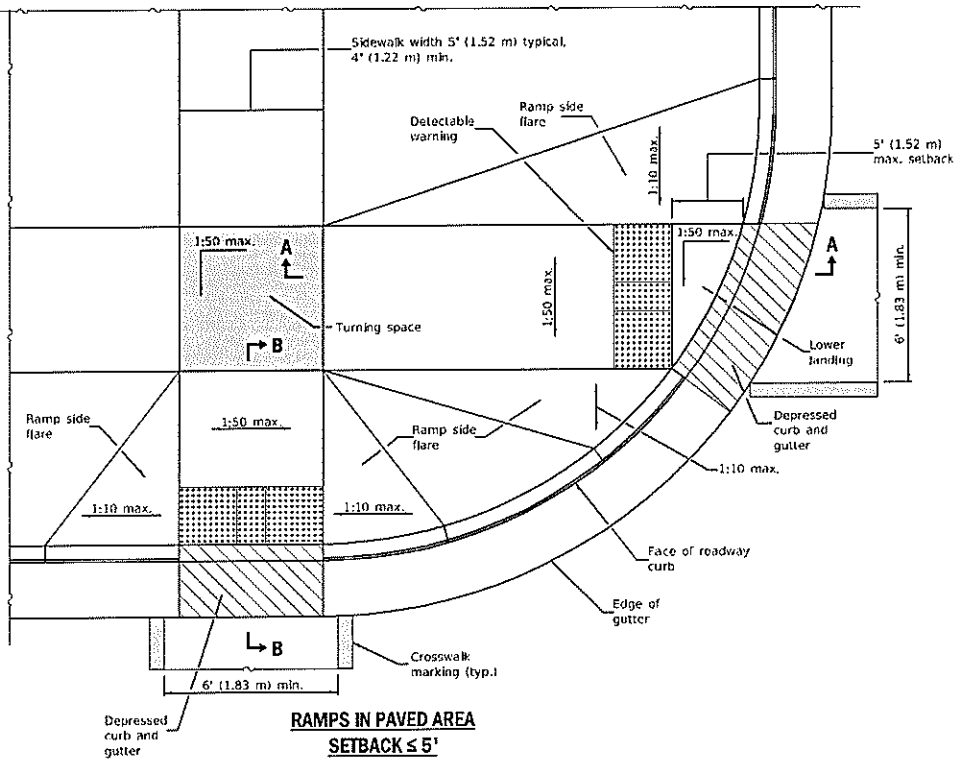
CONVERSION TABLE

inches x 25.40 = mm

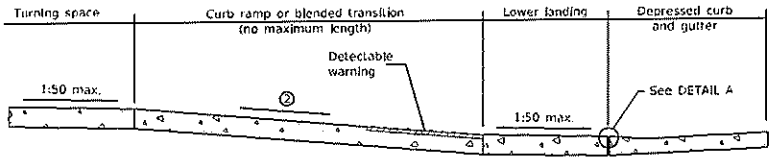
cu. yds. x 0.7646 = $m^3$




**RAMPS IN LANDSCAPED AREA**
**SETBACK ≤ 5'**

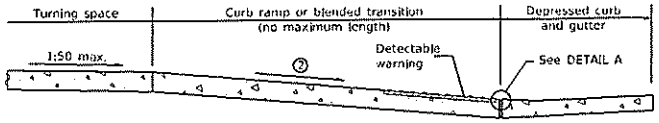



**RAMPS IN PAVED AREA**
**SETBACK ≤ 5'**



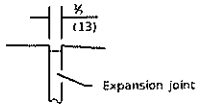

**SECTION A-A**

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

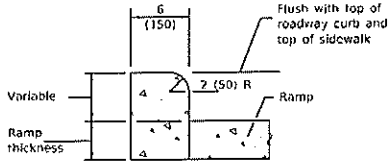



**SECTION B-B**

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.




**DETAIL A**




**SIDE CURB DETAIL**

See Sheet 2 for GENERAL NOTES.

| DATE | REVISIONS |
|---|---|
| 1-1-19 | Removed "15-foot rule", added |
| | "Blended transitions" and placement |
| | tolerances for detectable warnings. |
| 1-1-18 | Omitted diagonal slope at |
| | turning spaces and lower |
| | landings. |

# PERPENDICULAR CURB RAMPS FOR SIDEWALKS

(Sheet 1 of 2)

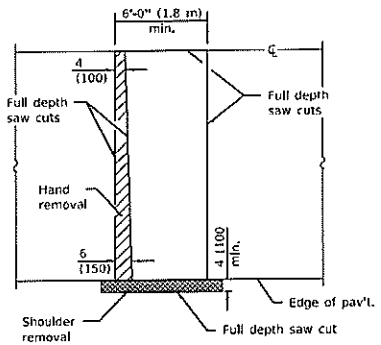
**STANDARD 424001-11**

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

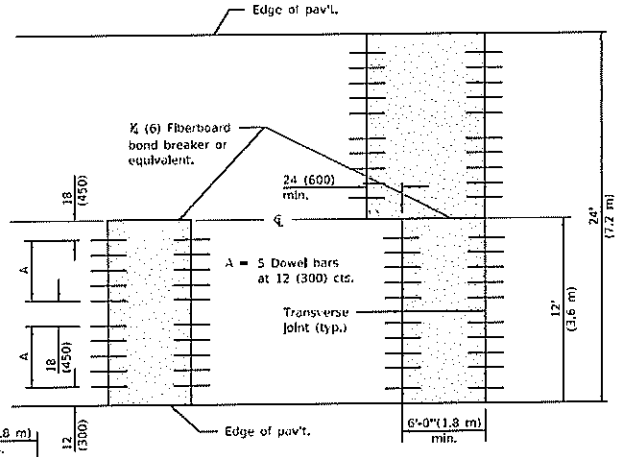
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 11-17

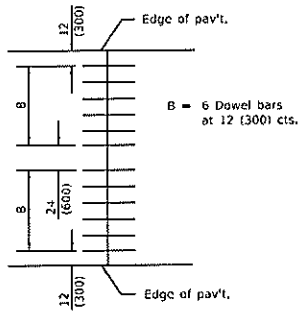



## PAVEMENT SAWING DETAIL

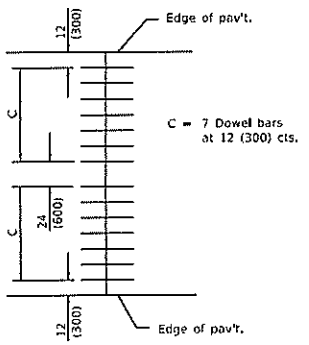
(HMA SHOULDER)



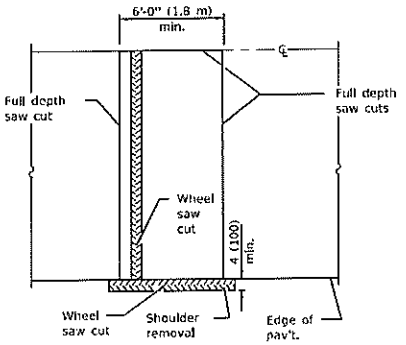

## 12' (3.6 m) WIDE LANES




## 14' (4.2 m) WIDE RAMP

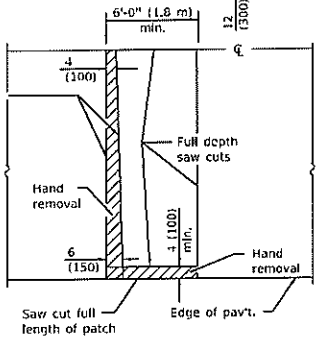



## 16' (4.8 m) WIDE RAMP



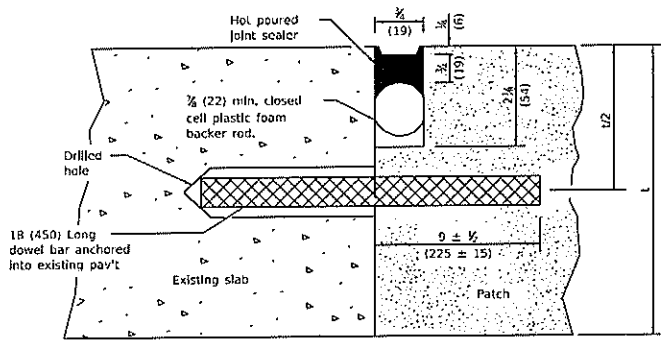

## ALTERNATE SAWING DETAIL

(HMA SHOULDER)

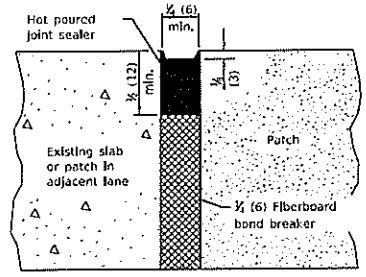



## PAVEMENT SAWING DETAIL

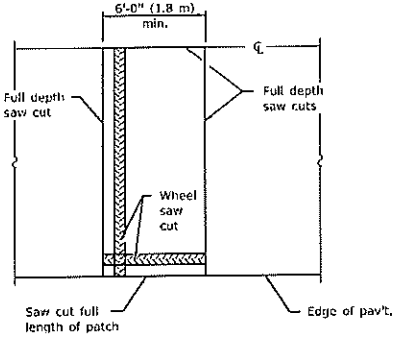
(PCC SHOULDER)




## TRANSVERSE JOINT




## CENTERLINE JOINT




## ALTERNATE SAWING DETAIL

(PCC SHOULDER)

| DOWEL BAR TABLE | | |
|---|---|---|
| PAVEMENT THICKNESS | DOWEL BAR DIAMETER | HOLE DIAMETER |
| 10 (250) or greater | 1½ (38) | 1⅝ (41) |
| 8 (200) thru 9.99 (249) | 1¼ (32) | 1⅜ (35) |
| Less than 8 (200) | 1 (25) | 1⅛ (29) |

## GENERAL NOTES

The transverse joints for Class B patches shall align with joints or cracks in the adjacent lane whenever possible.

See Standard 420701 for details of welded wire reinforcement.

All dimensions are in inches (millimeters) unless otherwise shown.

| DATE | REVISIONS |
|---|---|
| 1-1-19 | Revised reference to Standard 420701 in General Notes. |
| | |
| | |
| 1-1-18 | Revised DOWEL BAR TABLE. |
| | |
| | |

# CLASS B PATCHES

(Sheet 1 of 2)

STANDARD 442101-09

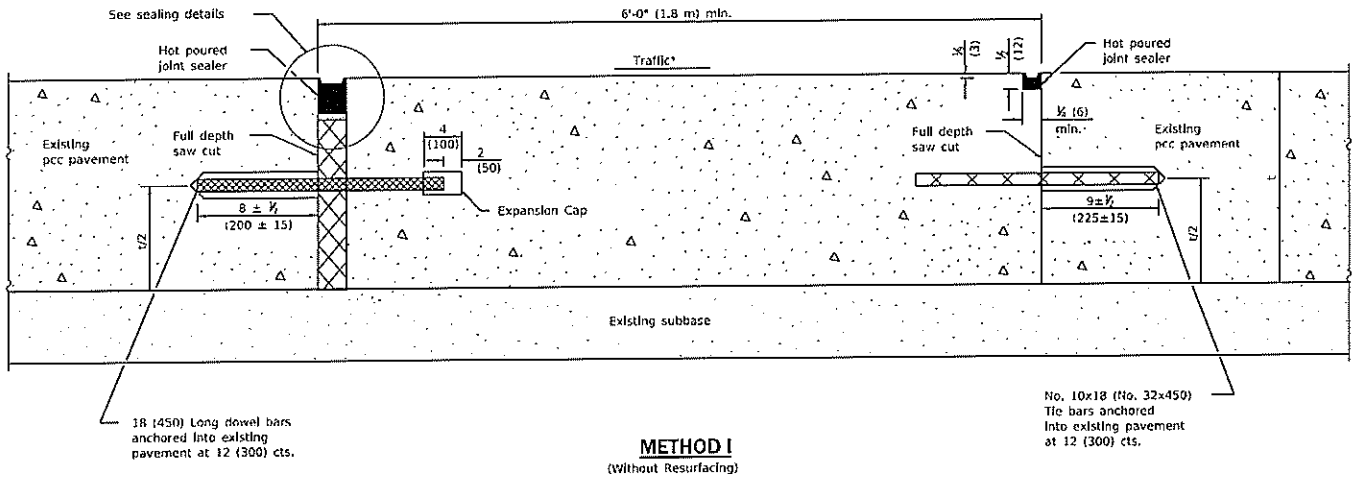
Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

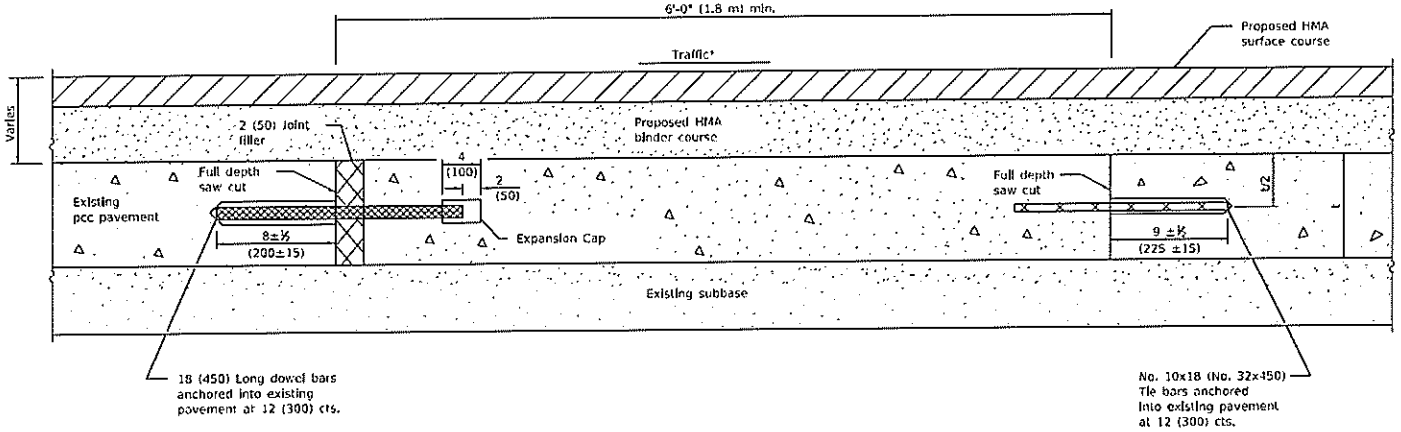
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

BDE 442101 CLASS B PATCHES 1-1-19

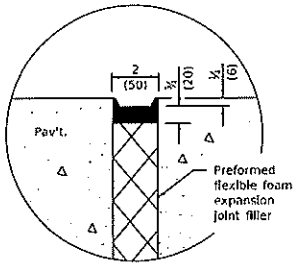
## TRANSVERSE EXPANSION JOINTS



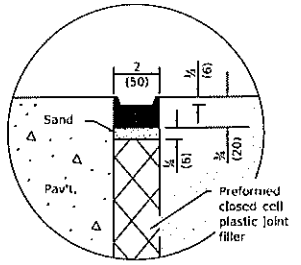

**METHOD I**
(Without Resurfacing)




**METHOD II**
(With Resurfacing)




**SEALING DETAIL**




**SEALING DETAIL**

**NOTE**

* When re-establishing a transverse expansion joint on a two-lane, two-way road, reverse the orientation of the dowel bars with respect to traffic for one of the patches such that the joint will be continuous across both lanes.

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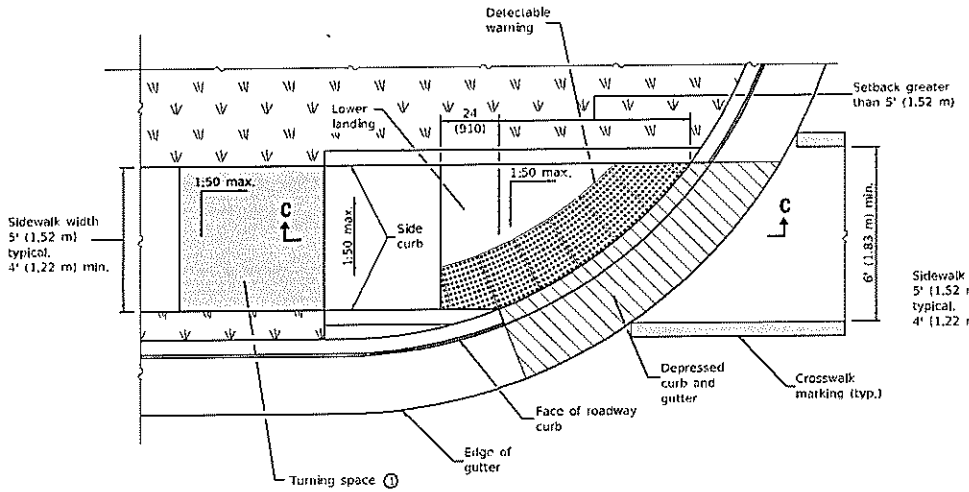
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

442101-09

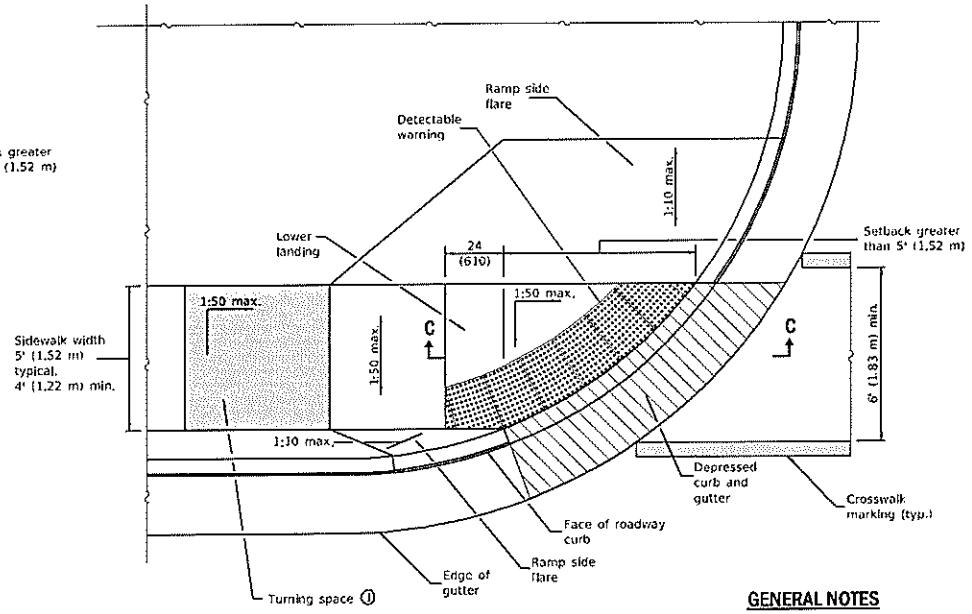
# CLASS B PATCHES

(Sheet 2 of 2)

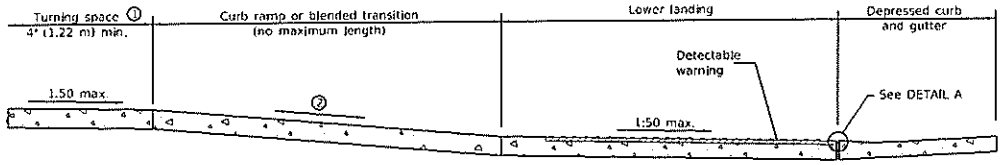
STANDARD 442101-09




## RAMP IN LANDSCAPED AREA
## SETBACK > 5'




## RAMP IN PAVED AREA
## SETBACK > 5'




## SECTION C-C

① This turning space not required for blended transitions.

② The running slope of a curb ramp shall be 1:20 min. and 1:12 max. The running slope of a blended transition shall be 1:20 max.

## GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.

Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.

Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

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PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

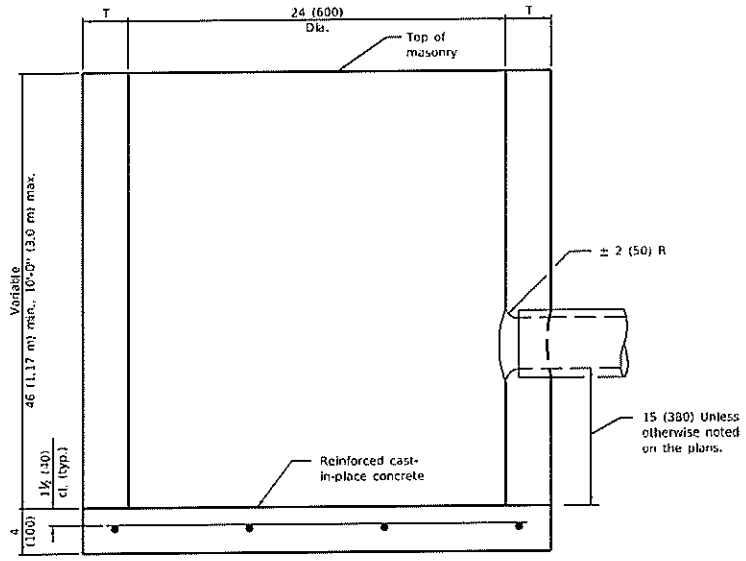
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 11-19

# PERPENDICULAR CURB RAMPS FOR SIDEWALKS

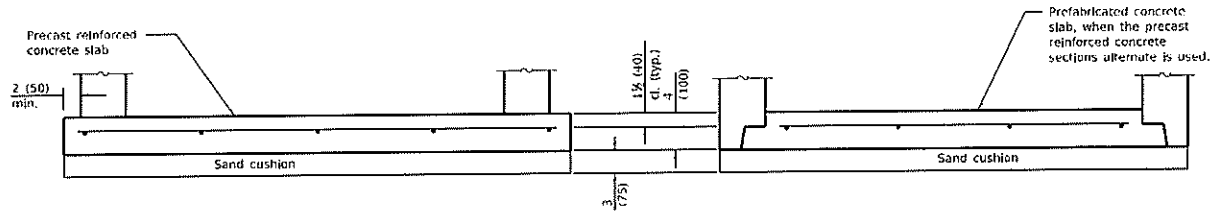
(Sheet 2 of 2)

STANDARD 424001-11




**ELEVATION**

| ALTERNATE MATERIALS FOR WALLS | T (min) |
|---|---|
| Precast Reinforced Concrete Section | 3 (75) |
| Concrete Masonry Unit | 5 (125) |
| Cast-in-Place Concrete | 6 (150) |
| Brick Masonry | 8 (200) |




**ALTERNATE BOTTOM SLAB**

## GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.27 sq. in./ft. (570 sq. mm/m) in both directions with a maximum spacing of 9 (230).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

All dimensions are in inches (millimeters) unless otherwise shown.

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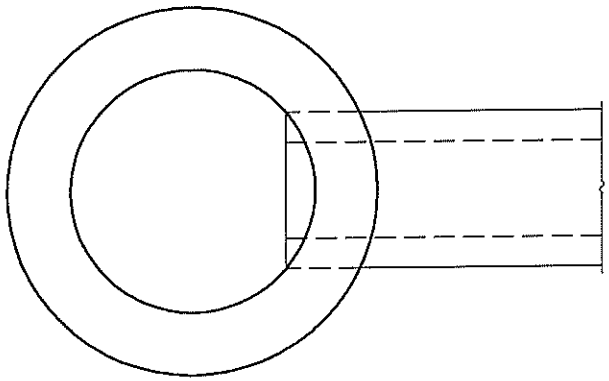
PASSED January 1, 2011
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

| DATE | REVISIONS |
|---|---|
| 1-1-11 | Detailed rein. in slabs. |
| | Added max. limit to height. |
| | Added general notes. |
| 1-1-09 | Switched units to |
| | English (metric). |
| | |

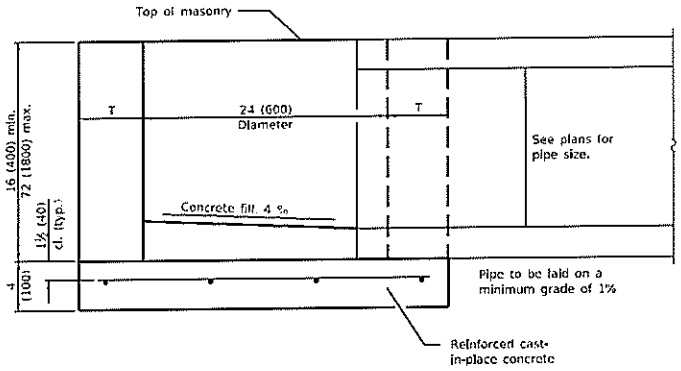
# CATCH BASIN TYPE C

STANDARD 602011-02

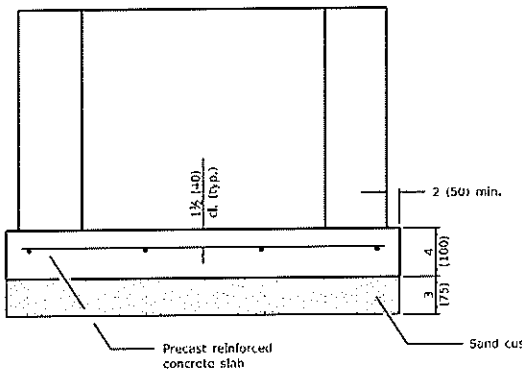


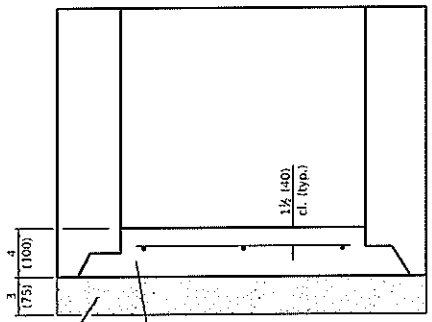
PLAN

| ALTERNATE MATERIALS FOR WALLS | T |
|---|---|
| BRICK MASONRY | 8 (200) |
| CAST-IN-PLACE CONCRETE | 6 (150) |
| CONCRETE MASONHY UNIT | 5 (125) |
| PRECAST REINFORCED CONCRETE SECTION | 3 (75) |




ELEVATION




ALTERNATE METHODS

## GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.24 sq. in./ft. (510 sq. mm/m) in both directions with a maximum spacing of 10 (250).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

All dimensions are in inches (millimeters) unless otherwise shown.

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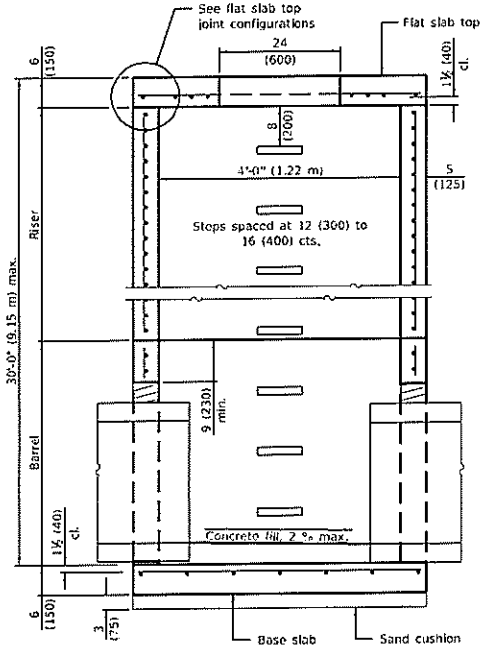
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

BDE 2408 (1-1-14)

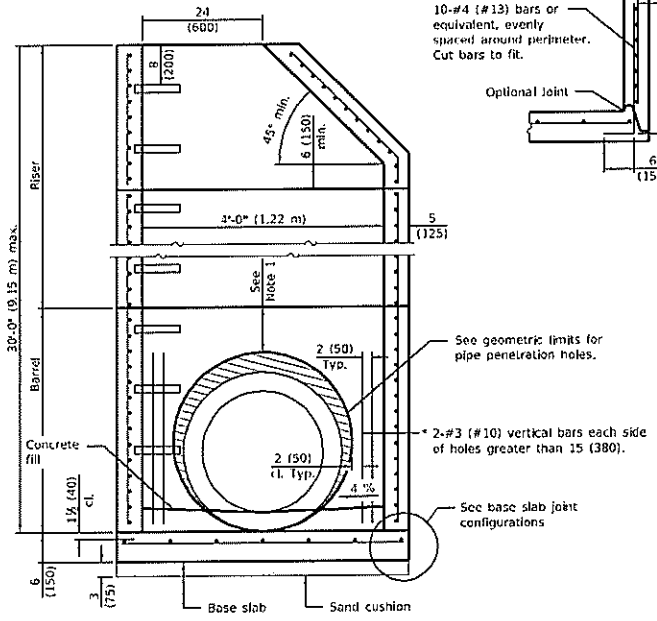
| DATE | REVISIONS |
|---|---|
| 1-1-14 | Increased height to |
| | 72 (1800) maximum. |
| | |
| 1-1-11 | Detailed rein. in slabs. |
| | Added max. limit to height. |
| | Added general notes. |

# INLET - TYPE A

STANDARD 602301-04

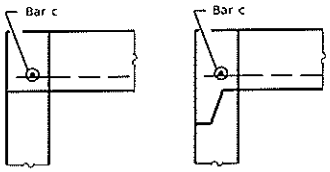



## SECTION PARALLEL TO PIPE
(Without conical top riser)




## SECTION PERPENDICULAR TO PIPE
(With conical top riser)

* As an alternate, the barrel wall reinforcement may be reduced to riser wall reinforcement with #3 (#10) bars placed around the pipe penetration holes as shown. This option may be utilized when the pipe penetration holes are formed as opposed to cored.




## FLAT SLAB TOP JOINT CONFIGURATIONS
(Shown at access hole)

## GEOMETRIC LIMITS FOR PIPE PENETRATION HOLES

Note 1: A minimum of 9 (230) of monolithic reinforced concrete shall be maintained above pipe penetration holes > 24 (600).

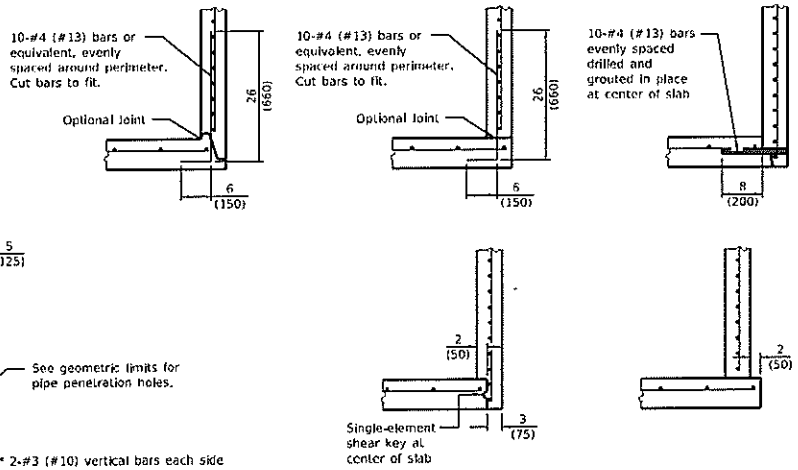
Note 2: A minimum 12 (300) inside arc length of reinforced concrete shall be maintained between pipe penetration holes > 15 (380).

Note 3: A maximum of 60 percent of the inside perimeter of the reinforced concrete manhole walls may be removed.

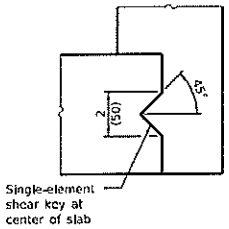
Note 4: Horizontal joints that intersect pipe penetration holes > 15 (380) shall have one joint splice for every location around the perimeter of the joint where the inside arc length between pipe penetration holes is < 24 (600). See joint splice detail.

Note 5: The recommended pipe penetration hole is equal to the O.D. of the pipe plus 4 (100).

Note 6: Only pipe penetration holes ≤ 15 (380) are allowed in riser sections.




## BASE SLAB JOINT CONFIGURATIONS




## SHEAR KEY GEOMETRY
(Reinforcement not shown for clarity)

## GENERAL NOTES

The manufacturer shall ensure that all precast manhole sections are additionally reinforced where required to resist damage from handling, shipping and installation stresses.

Lifting holes shall be located in the sections as per the manufacturer's recommendations.

See Standard 602701 for details of manhole steps.

All dimensions are in inches (millimeters) unless otherwise noted.

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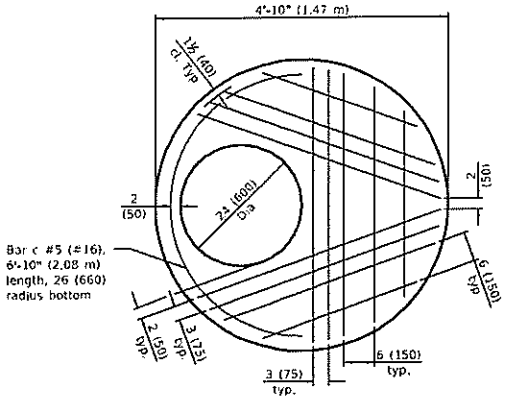
RESUM 1-1-21

| DATE | REVISIONS |
|---|---|
| 1-1-21 | Revised Note 1 and lifting hole general note. |
| 3-1-19 | Moved wall reinforcement from inside face to middle. |

# PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER

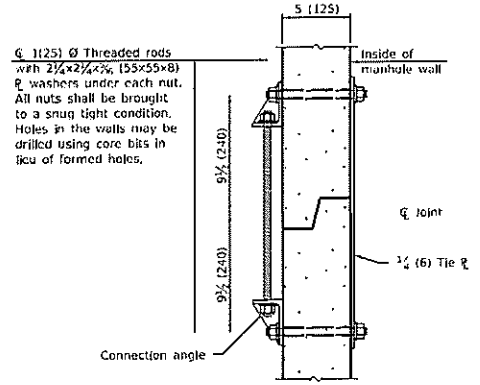
(Sheet 1 of 2)

STANDARD 602401-07

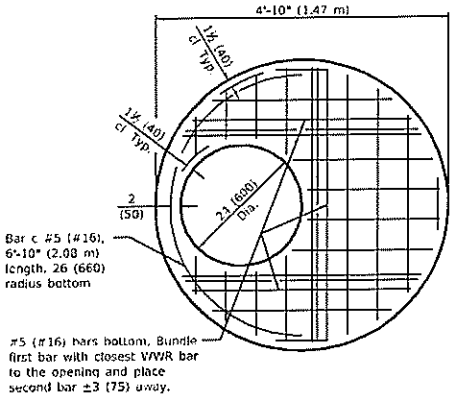



**PLAN - FLAT SLAB TOP**

(Showing layout of reinforcement bars and c bars)

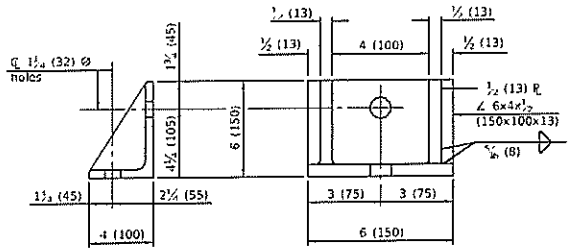



**JOINT SPLICE**

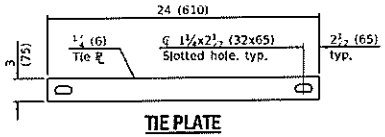



**PLAN - FLAT SLAB TOP**

(Showing layout of welded wire reinforcement and c bars)




**CONNECTION ANGLE**




**TIE PLATE**

## FLAT SLAB TOP REINFORCEMENT

| Location | WWR (each direction) | | Rebar | | |
|---|---|---|---|---|---|
| | $A_s$ (min.) | Spacing (max.) | $A_s$ (min.) | Spacing (max.) | Bar Size |
| Bottom Mat | ** 0.62 sq. in./ft. (1312 sq. mm/m) | 6 (150) | See plan view for rebar orientation and spacing and this table for bar size | | #5 (#16) |

** Only one layer of WWR permitted to avoid congestion.

## WALL REINFORCEMENT

| Location | Orientation | WWR or Rebar | |
|---|---|---|---|
| | | $A_s$ (min.) | Spacing (max.) |
| Riser | Circumferential | 0.12 sq. in./ft. (254 sq. mm/m) | 6 (150) |
| | Vertical | 0.045 sq. in./ft. (95 sq. mm/m) | 8 (200) |
| Barrel | Circumferential | 0.12 sq. in./ft. (254 sq. mm/m) | 6 (150) |
| | Vertical | 0.16 sq. in./ft. (339 sq. mm/m) | 4 (100) |

## BASE SLAB REINFORCEMENT

| Location | Total Height | WWR or Rebar (each direction) | |
|---|---|---|---|
| | | $A_s$ (min.) | Spacing (max.) |
| Top Mat | ≤ 20 ft. (6.10 m) | 0.24 sq. in./ft. (508 sq. mm/m) | 10 (250) |
| | > 20 ft. (6.10 m) | 0.24 sq. in./ft. (508 sq. mm/m) | 10 (250) |

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PASSED January 1, 2021
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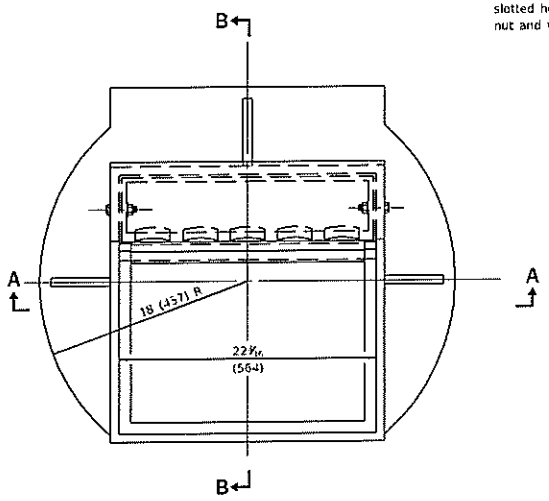
APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

RESCIND 1-1-97

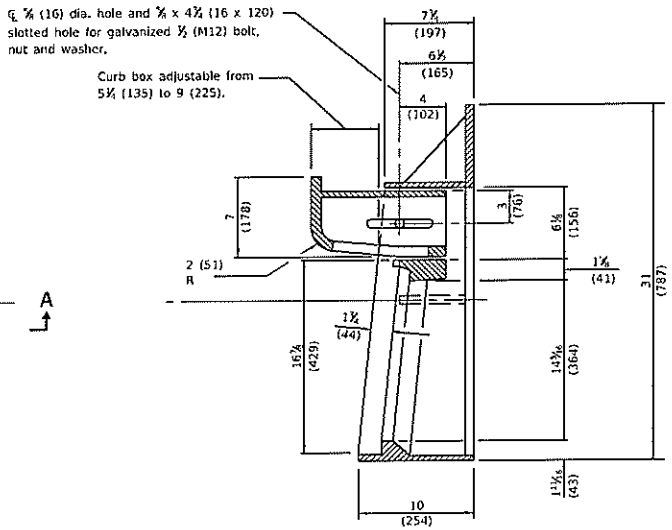
# PRECAST MANHOLE TYPE A 4' (1.22 m) DIAMETER

(Sheet 2 of 2)

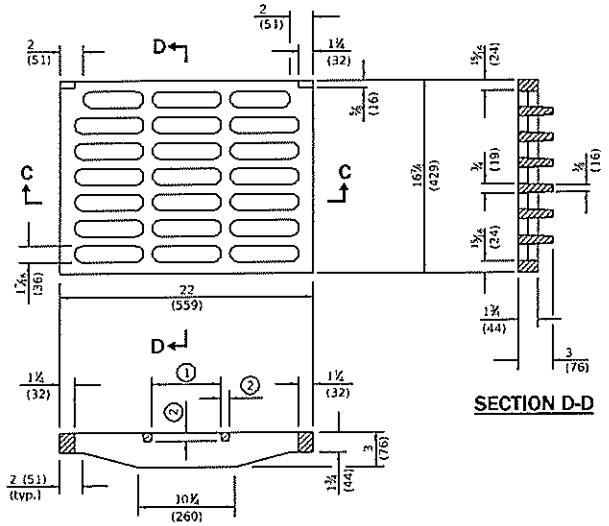
STANDARD 602401-07




CAST FRAME




SECTION B-B



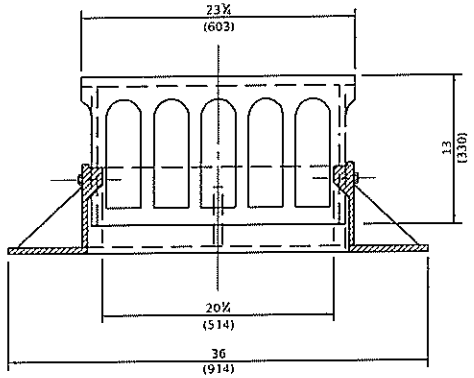

SECTION D-D

SECTION C-C

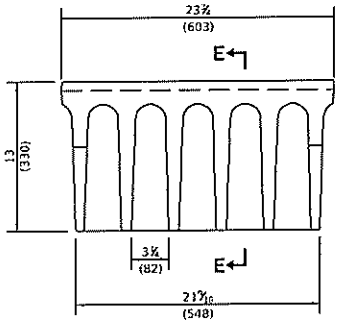
① = 6 (152) typ.

② = 3/4 (19) typ.

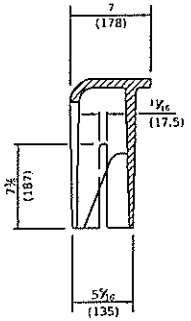
CAST GRATE




SECTION A-A




ALTERNATE CURB BOX




SECTION E-E

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

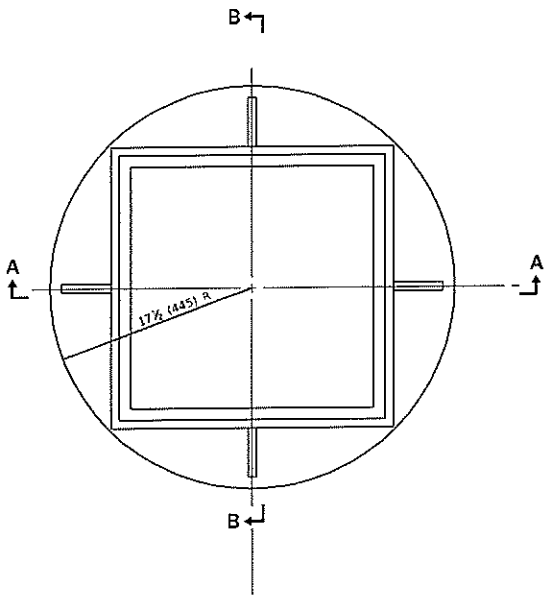
PASSED January 1, 2015
Michael Brand
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

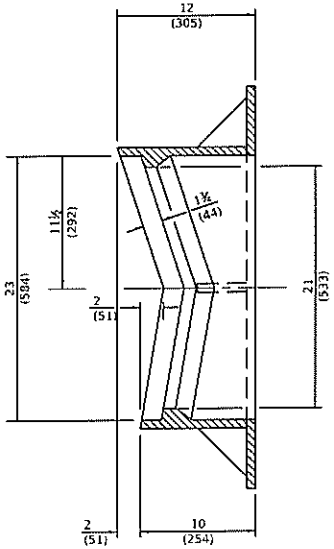
ISSUED 1-1-15

| DATE | REVISIONS |
|---|---|
| 1-1-15 | Revised dimensions of |
| | frame and alternate curb |
| | box. |
| 1-1-09 | Switched units to |
| | English (metric). |

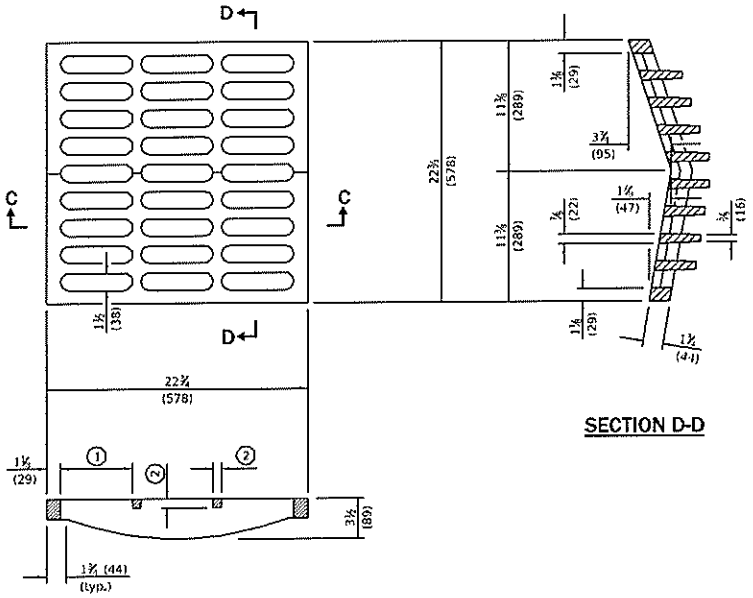
# FRAME AND GRATE TYPE 3

STANDARD 604006-05




SECTION B-B

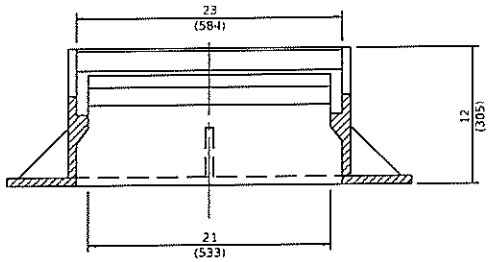



SECTION D-D

SECTION C-C

① = 6¼ (159) max. (typ.)
② = ⅜ (19) min. (typ.)

CAST GRATE




SECTION A-A

CAST FRAME

All dimensions are in inches (millimeters) unless otherwise shown.

| DATE | REVISIONS |
|---|---|
| 1-1-15 | Revised dimensions of |
| | frame. |
| | |
| 1-1-09 | Switched units to |
| | English (metric). |
| | |

# FRAME AND GRATE TYPE 9

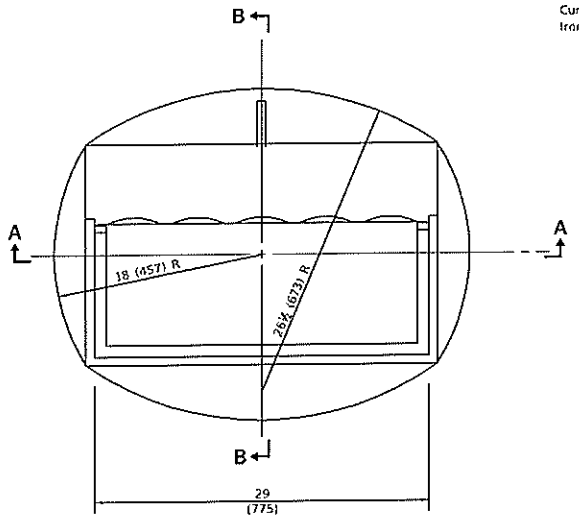
STANDARD 604041-03

Illinois Department of Transportation

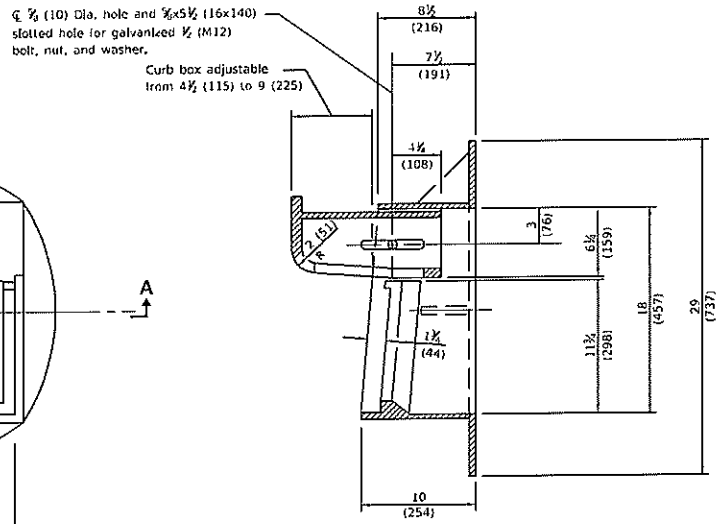
PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

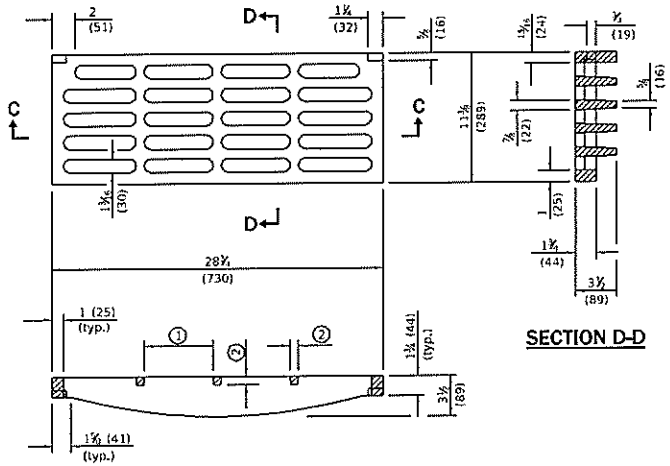
1-1-15 (BRS)




CAST FRAME




SECTION B-B

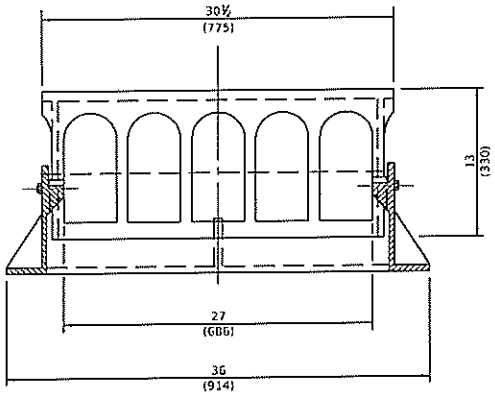



SECTION D-D

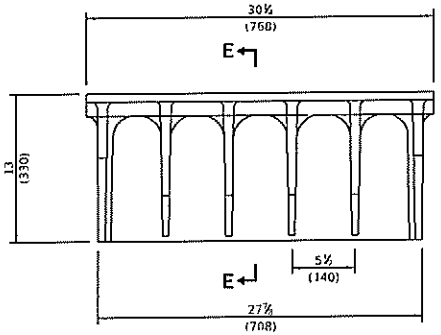
SECTION C-C

① = 6¼ (159) max. (typ.)
② = ⅜ (19) min. (typ.)

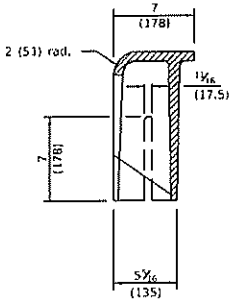
CAST GRATE




SECTION A-A




ALTERNATE CURB BOX




SECTION E-E

All dimensions are in inches (millimeters) unless otherwise shown.

| DATE | REVISIONS |
|---|---|
| 1-1-15 | Revised dimensions of frame and alternate curb box. |
| 4-1-09 | Switched units to English (metric). |

# FRAME AND GRATE TYPE 11

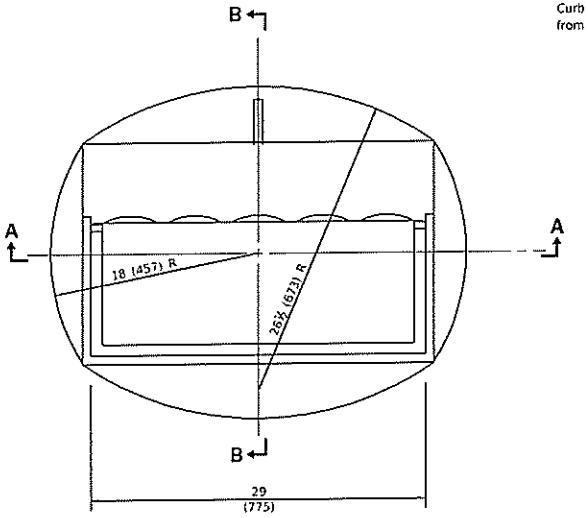
STANDARD 604051-04

Illinois Department of Transportation

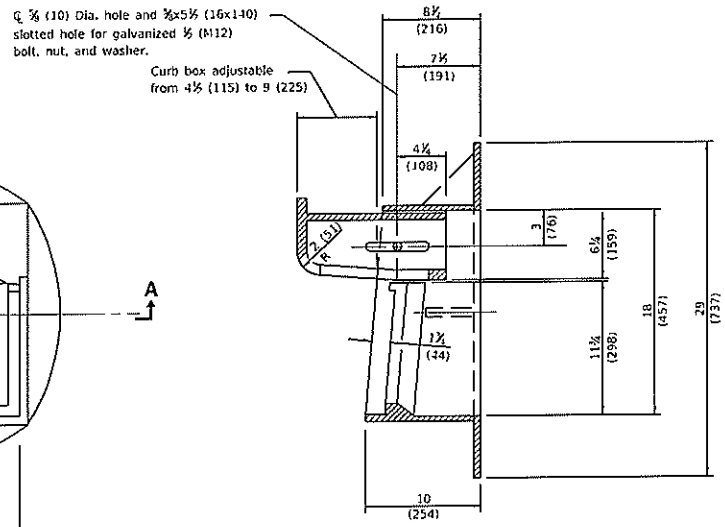
PASSED January 1, 2015
Michael Bernd
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2015
ENGINEER OF BUREAU OF DESIGN AND ENVIRONMENT

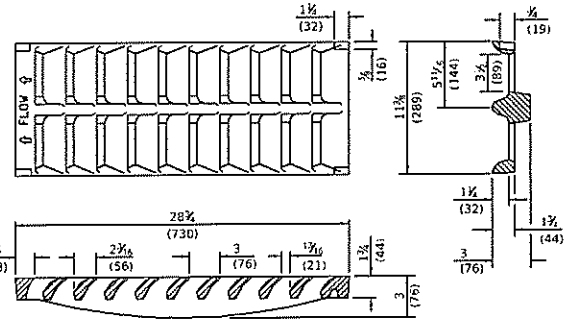
604051-04



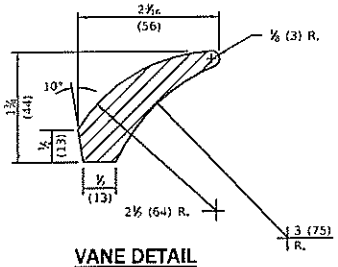

CAST FRAME



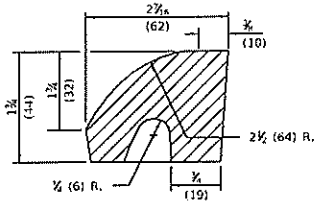

SECTION B-B



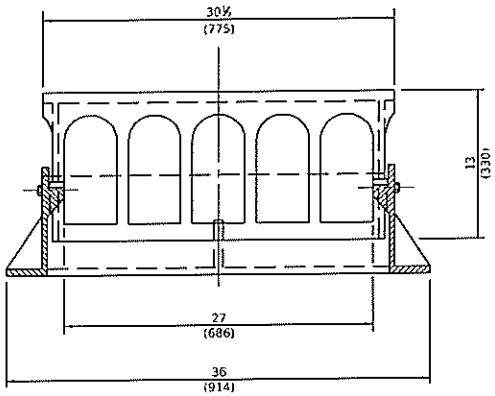

CAST GRATE



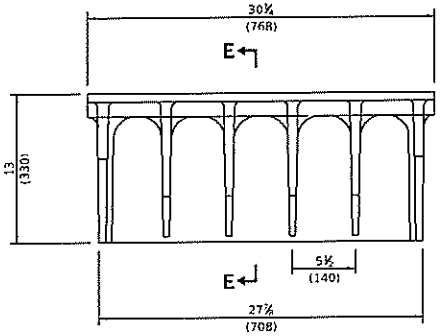

VANE DETAIL



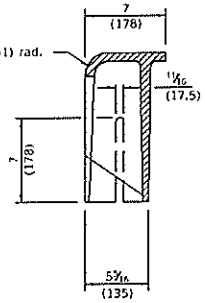

FRONT VANE DETAIL



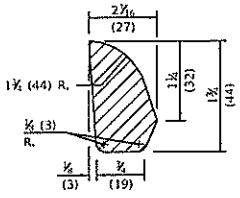

SECTION A-A



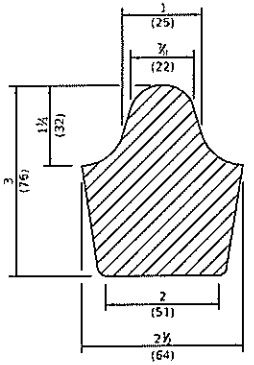

ALTERNATE CURB BOX




SECTION E-E




SIDE RIB DETAIL




MIDDLE RIB DETAIL

All dimensions are in inches (millimeters) unless otherwise shown.

| DATE | REVISIONS |
|---|---|
| 1-1-15 | Revised dimensions of frame |
| | and alternate curb box. |
| | |
| 1-1-09 | Switched units to |
| | English (metric). |
| | |

# FRAME AND GRATE TYPE 11V

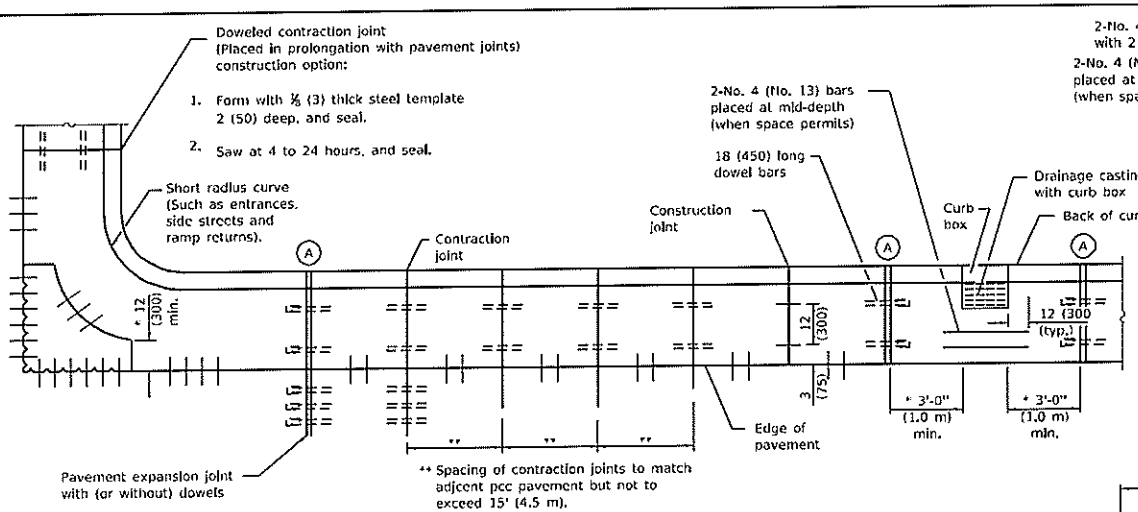
STANDARD 604056-04

Illinois Department of Transportation

PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES

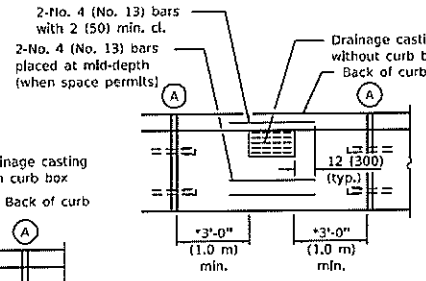
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

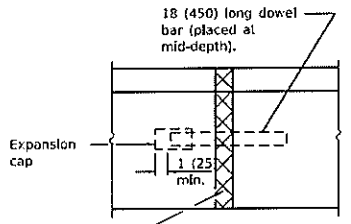
604056-04



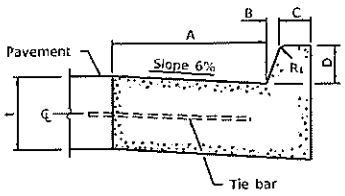

## PLAN
## ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

* This dimension shall be adjusted to align with joint on the adjacent pavement




## DETAIL (A) EXPANSION JOINT

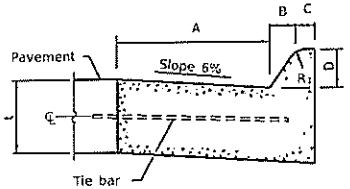



## BARRIER CURB

TABLE OF DIMENSIONS
BARRIER CURB

| TYPE | A | B | C | D | R1 |
|---|---|---|---|---|---|
| B-6.06 * (B-15.15) | 6 (150) | 1 (25) | 6 (150) | 6 (150) | 1 (25) |
| B-6.12 (B-15.3) | 12 (300) | 1 (25) | 6 (150) | 6 (150) | 1 (25) |
| B-6.18 (B-15.45) | 18 (450) | 1 (25) | 6 (150) | 6 (150) | 1 (25) |
| B-6.24 (B-15.60) | 24 (600) | 1 (25) | 6 (150) | 6 (150) | 1 (25) |
| B-9.12 (B-22.30) | 12 (300) | 2 (50) | 5 (125) | 9 (225) | 1 (25) |
| B-9.18 (B-22.45) | 18 (450) | 2 (50) | 5 (125) | 9 (225) | 1 (25) |
| B-9.24 (B-22.60) | 24 (600) | 2 (50) | 5 (125) | 9 (225) | 1 (25) |

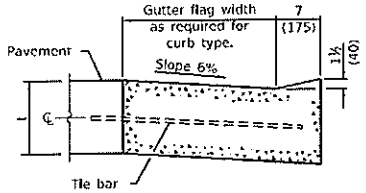
* For corner islands only.



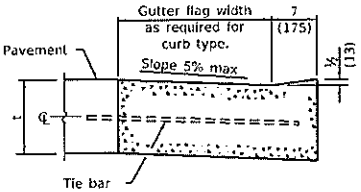

## MOUNTABLE CURB

TABLE OF DIMENSIONS
MOUNTABLE CURB

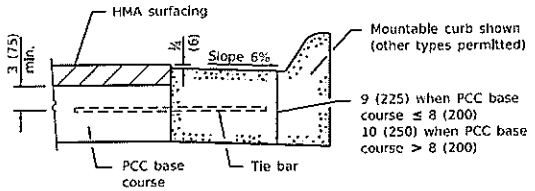
| TYPE | A | B | C | D | R1 | R2 |
|---|---|---|---|---|---|---|
| M-2.06 (M-5.15) | 6 (150) | 2 (50) | 4 (100) | 2 (50) | 3 (75) | 2 (50) |
| M-2.12 (M-5.30) | 12 (300) | 2 (50) | 4 (100) | 2 (50) | 3 (75) | 2 (50) |
| M-4.06 (M-10.15) | 6 (150) | 4 (100) | 3 (75) | 4 (100) | 3 (75) | NA |
| M-4.12 (M-10.30) | 12 (300) | 4 (100) | 3 (75) | 4 (100) | 3 (75) | NA |
| M-4.18 (M-10.45) | 18 (450) | 4 (100) | 3 (75) | 4 (100) | 3 (75) | NA |
| M-4.24 (M-10.60) | 24 (600) | 4 (100) | 3 (75) | 4 (100) | 3 (75) | NA |
| M-6.06 (M-15.15) | 6 (150) | 6 (150) | 2 (50) | 6 (150) | 2 (50) | NA |
| M-6.12 (M-15.30) | 12 (300) | 6 (150) | 2 (50) | 6 (150) | 2 (50) | NA |
| M-6.18 (M-15.45) | 18 (450) | 6 (150) | 2 (50) | 6 (150) | 2 (50) | NA |
| M-6.24 (M-15.60) | 24 (600) | 6 (150) | 2 (50) | 6 (150) | 2 (50) | NA |



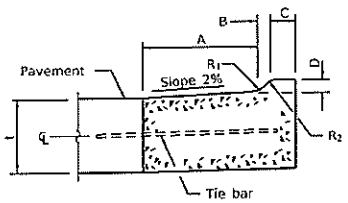

## DEPRESSED CURB (TYPICAL)




## DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED




## ADJACENT TO PCC BASE COURSE WITH HMA SURFACING




## M-2.06 (M-5.15) and M-2.12 (M-5.30)

## GENERAL NOTES

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

t = Thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 36 (900) centers in accordance with details for longitudinal construction joint shown on Standard 420001.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

The dowel bars shown in contraction joints will only be required for monolithic construction.

See Standard 606301 for details of corner islands.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2022
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2022
ENGINEER OF DESIGN AND ENVIRONMENT

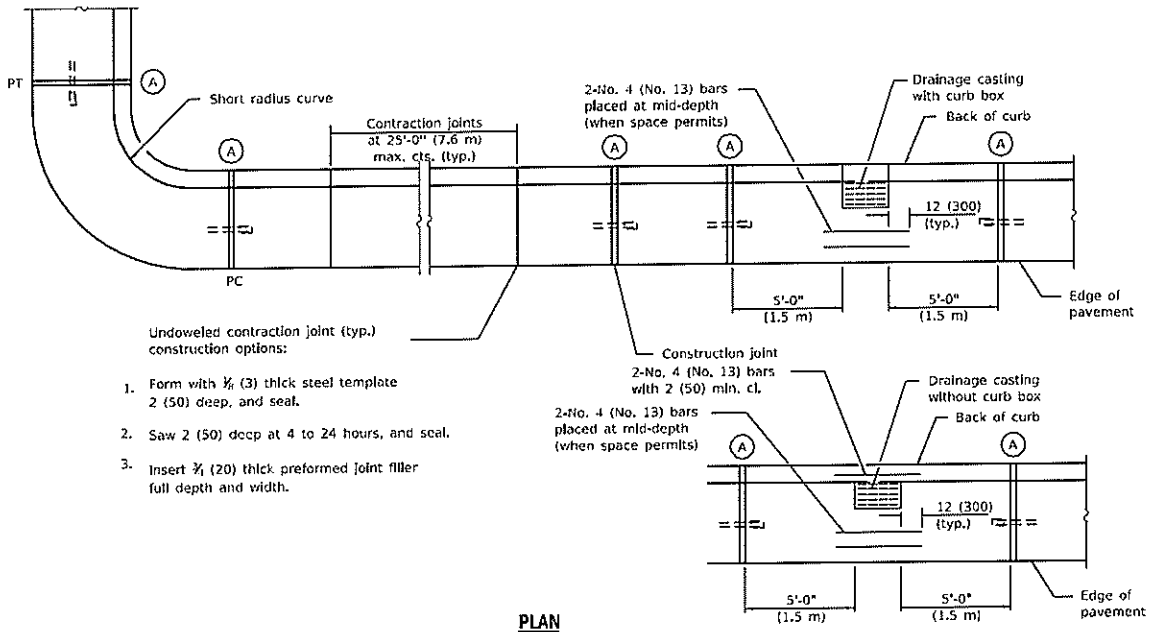
10-1-1 CADDS

| DATE | REVISIONS |
|---|---|
| 1-1-22 | Revised contraction joint spacing adjacent to pcc pavement. |
| | |
| 1-1-18 | Revised General Note for tie bar spacing to 36 (900) cts. |
| | |

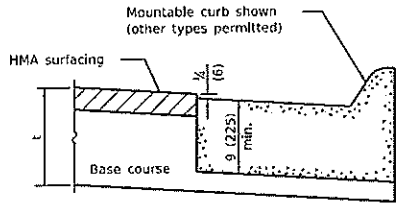
# CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 1 of 2)

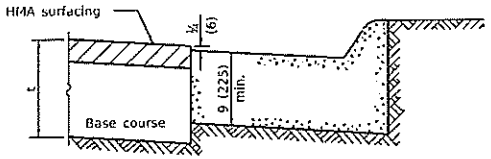
STANDARD 606001-08




**PLAN**

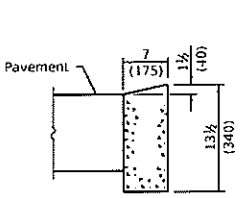



**ON DISTURBED SUBGRADE**

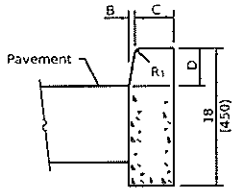



**ON UNDISTURBED SUBGRADE**

**ADJACENT TO FLEXIBLE PAVEMENT**

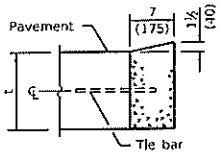



**DEPRESSED CURB**

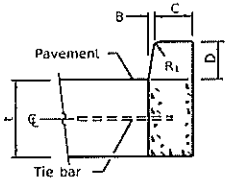



**BARRIER CURB**

**ADJACENT TO FLEXIBLE PAVEMENT**




**DEPRESSED CURB**




**BARRIER CURB**

**ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE**

**CONCRETE CURB TYPE B**

Illinois Department of Transportation

PASSED January 1, 2022
ENGINEER OF POLICY AND PROCEDURES

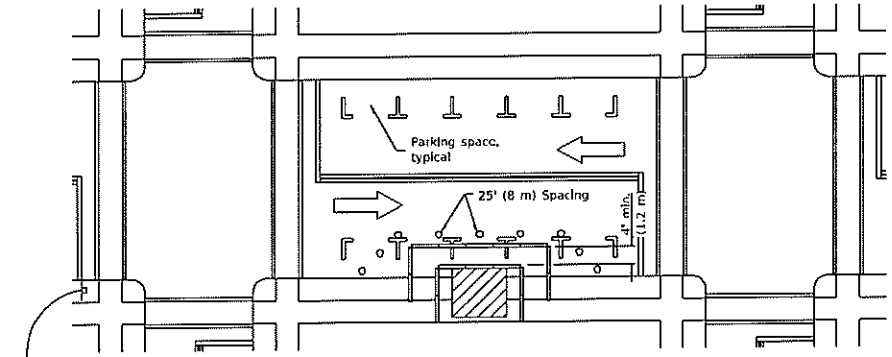
APPROVED January 1, 2022
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-22

# CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

(Sheet 2 of 2)

STANDARD 606001-08




① ROAD CONSTRUCTION AHEAD W20-1103(0)-48 for contract construction projects

Or

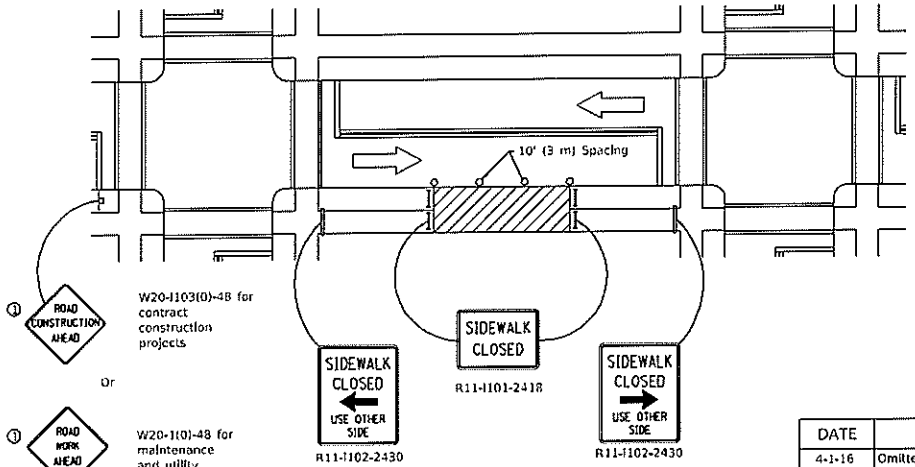
① ROAD WORK AHEAD W20-1(0)-48 for maintenance and utility projects

## SIDEWALK DIVERSION

① Omit whenever duplicated by road work traffic control.

## SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade




① ROAD CONSTRUCTION AHEAD W20-1103(0)-48 for contract construction projects

Or

① ROAD WORK AHEAD W20-1(0)-48 for maintenance and utility projects

## SIDEWALK CLOSURE

## GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016
ENGINEER OF BUREAU OF LOCAL ROADS & STREETS

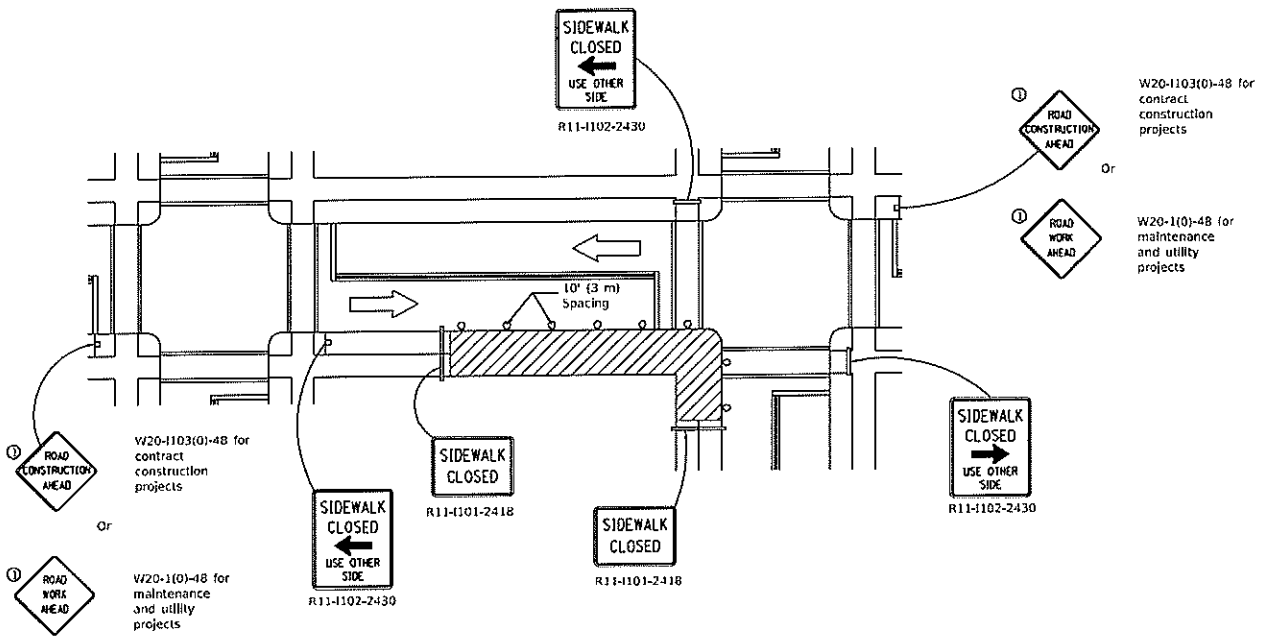
ENGINEER OF DESIGN AND ENVIRONMENT

| DATE | REVISIONS |
|---|---|
| 4-1-16 | Omitted orange safety fence |
| | from standard as this is |
| | covered in the std. spec. |
| 1-1-12 | Added SIDEWALK DIVERSION. |
| | Modified appearance of |
| | plan views. Renamed Std. |

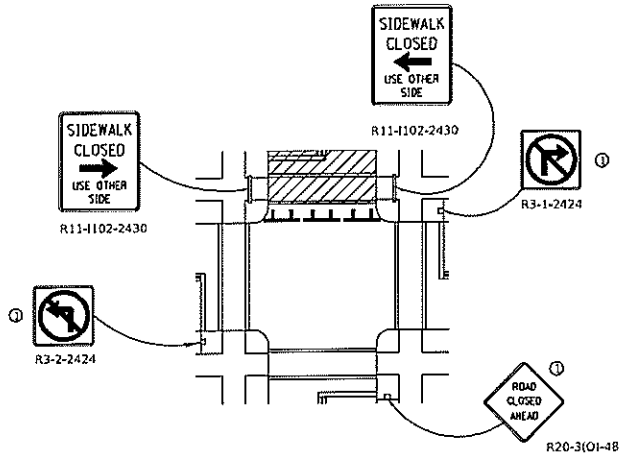
# SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06




**CORNER CLOSURE**




**CROSSWALK CLOSURE**

Illinois Department of Transportation

PASSED April 1, 2016
ENGINEER OF SAFETY ENGINEERING

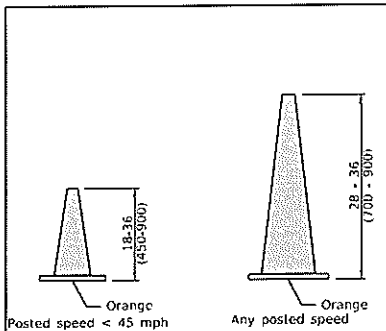
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT

STD 701801-06

# SIDEWALK, CORNER OR CROSSWALK CLOSURE

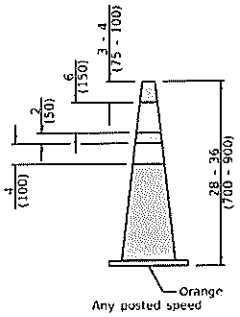
(Sheet 2 of 2)

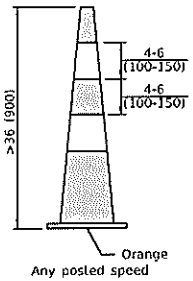
STANDARD 701801-06




DAYTIME USE

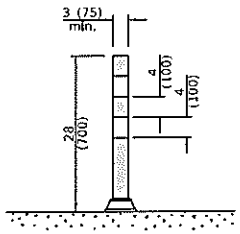


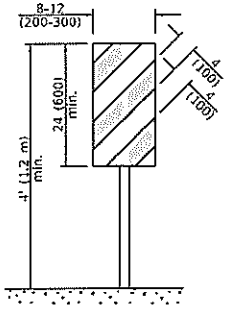




DAY OR NIGHTTIME USE

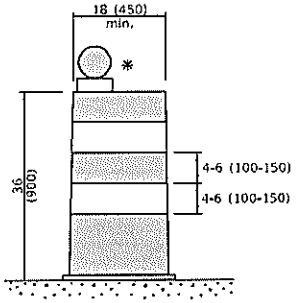
CONES



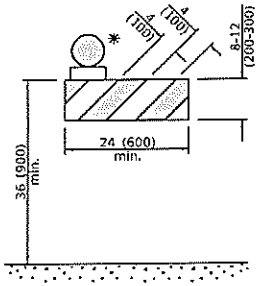

TUBULAR MARKER



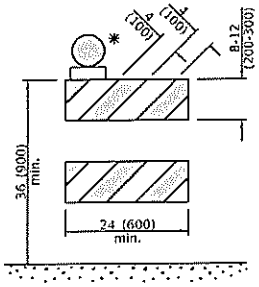

VERTICAL PANEL
POST MOUNTED



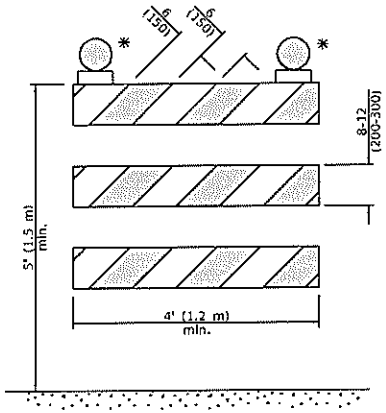

DRUM



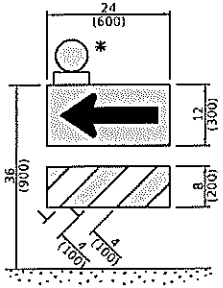

TYPE I BARRICADE



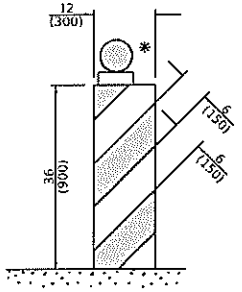

TYPE II BARRICADE



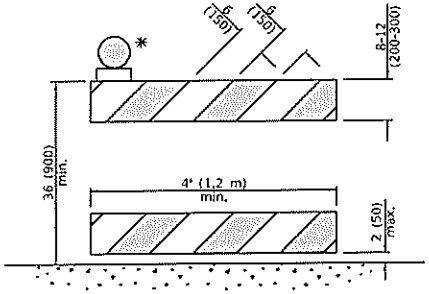

TYPE III BARRICADE




DIRECTION INDICATOR
BARRICADE




VERTICAL BARRICADE




DETECTABLE PEDESTRIAN
CHANNELIZING BARRICADE

* Warning lights (if required)

## GENERAL NOTES

All heights shown shall be measured above the pavement surface.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

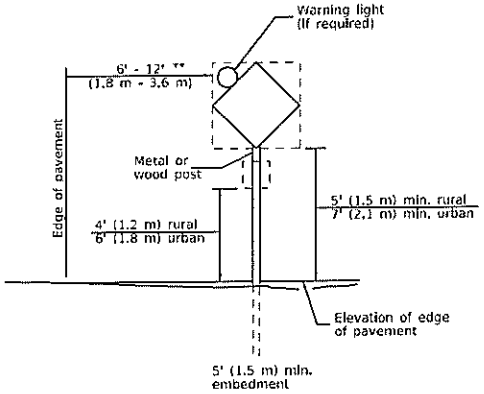
1-1-19 CSP/SI

| DATE | REVISIONS |
|---|---|
| 1-1-19 | Revised cone usage and |
| | added cones >36" (900 m) height. |
| | |
| 1-1-18 | Revised END WORK ZONE |
| | SPEED LIMIT sign from |
| | orange to white background. |

# TRAFFIC CONTROL DEVICES

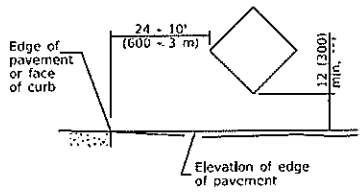
(Sheet 1 of 3)

## STANDARD 701901-08



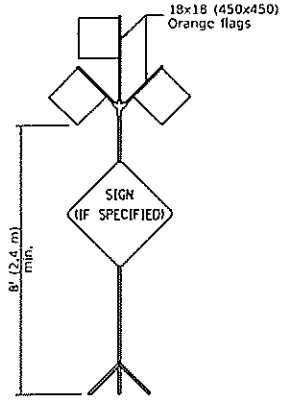

## POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.

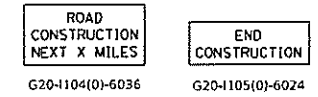



## SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.




## HIGH LEVEL WARNING DEVICE




G20-I104(0)-6036 G20-I105(0)-6024

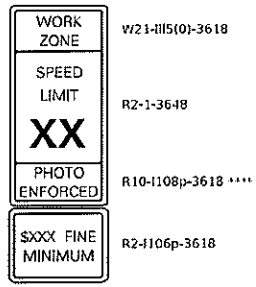
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

## WORK LIMIT SIGNING



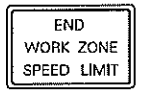

W21-I115(0)-3618

R2-1-3648

R10-I108p-3618 ****

R2-I106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.

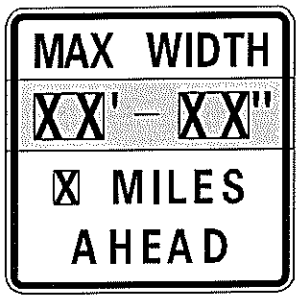



G20-I103-6036

This sign shall be used when the above sign assembly is used.

## HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

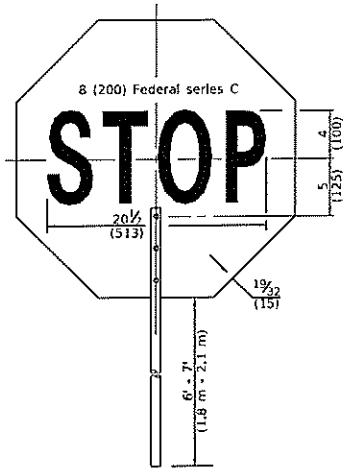
**** R10-I108p shall only be used along roadways under the juristiction of the State.



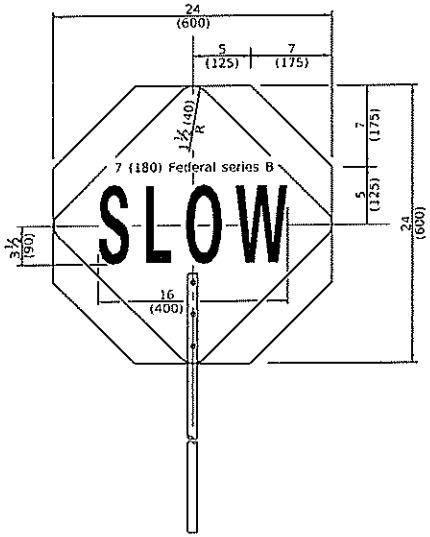

W12-I103-4848

## WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.




FRONT SIDE




REVERSE SIDE

## FLAGGER TRAFFIC CONTROL SIGN

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

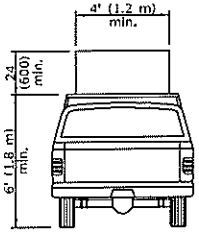
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

I-1-13 (SHEET)

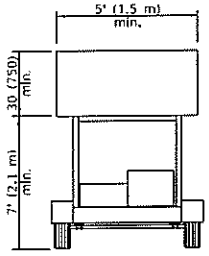
# TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

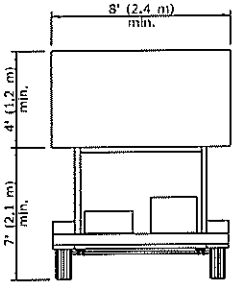
STANDARD 701901-08




TYPE A
ROOF
MOUNTED

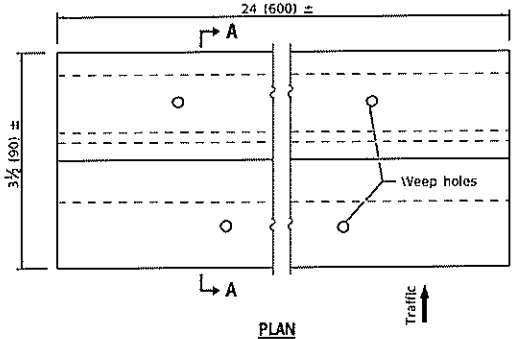



TYPE B
ROOF OR TRAILER
MOUNTED

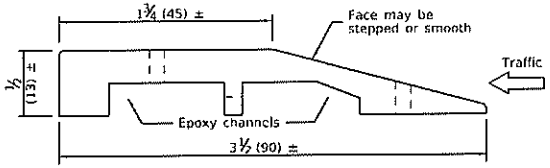



TYPE C
TRAILER
MOUNTED

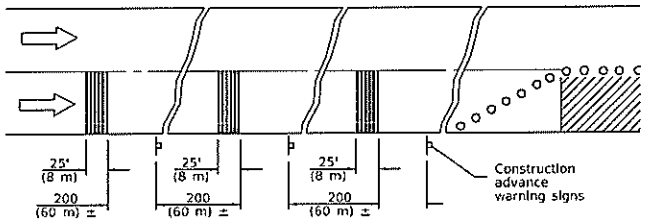
ARROW BOARDS

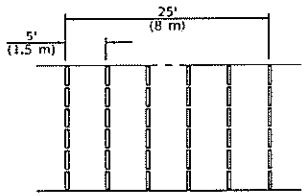



PLAN



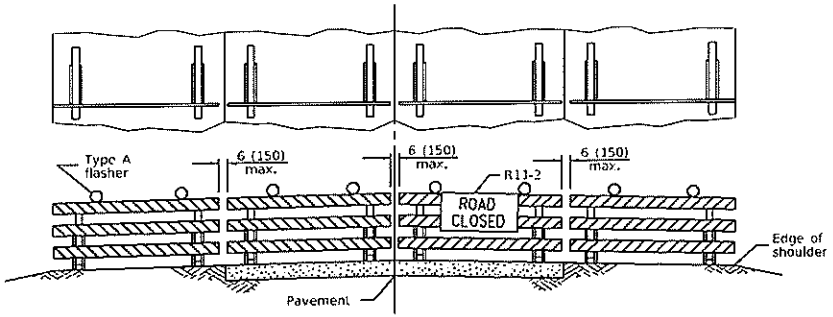

SECTION A-A



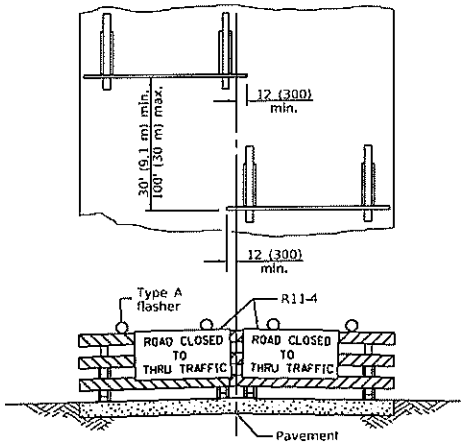

TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS




ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.




ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

TYPICAL APPLICATIONS OF
TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

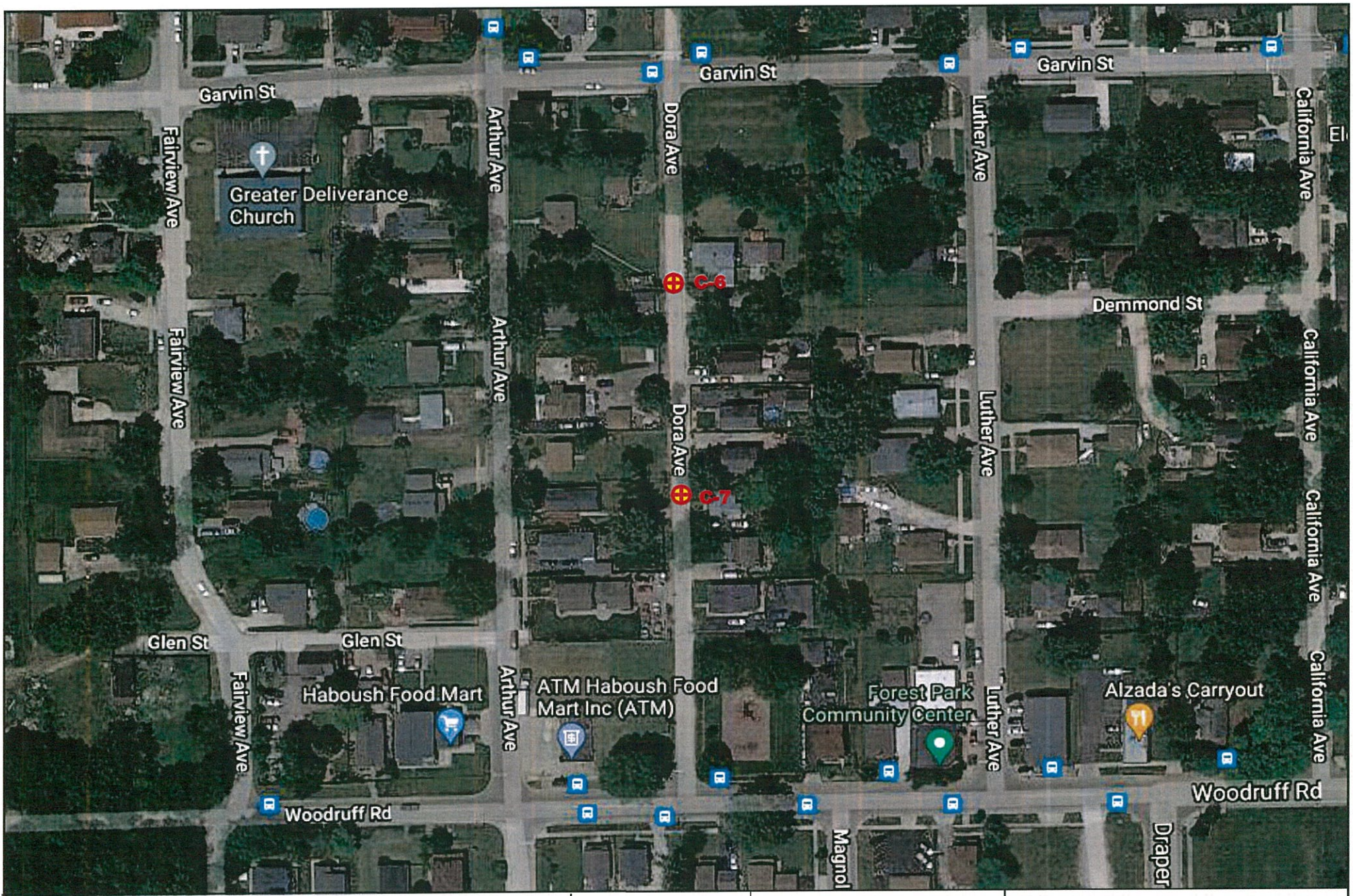
APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

631-1 CBDSI

# TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901-08



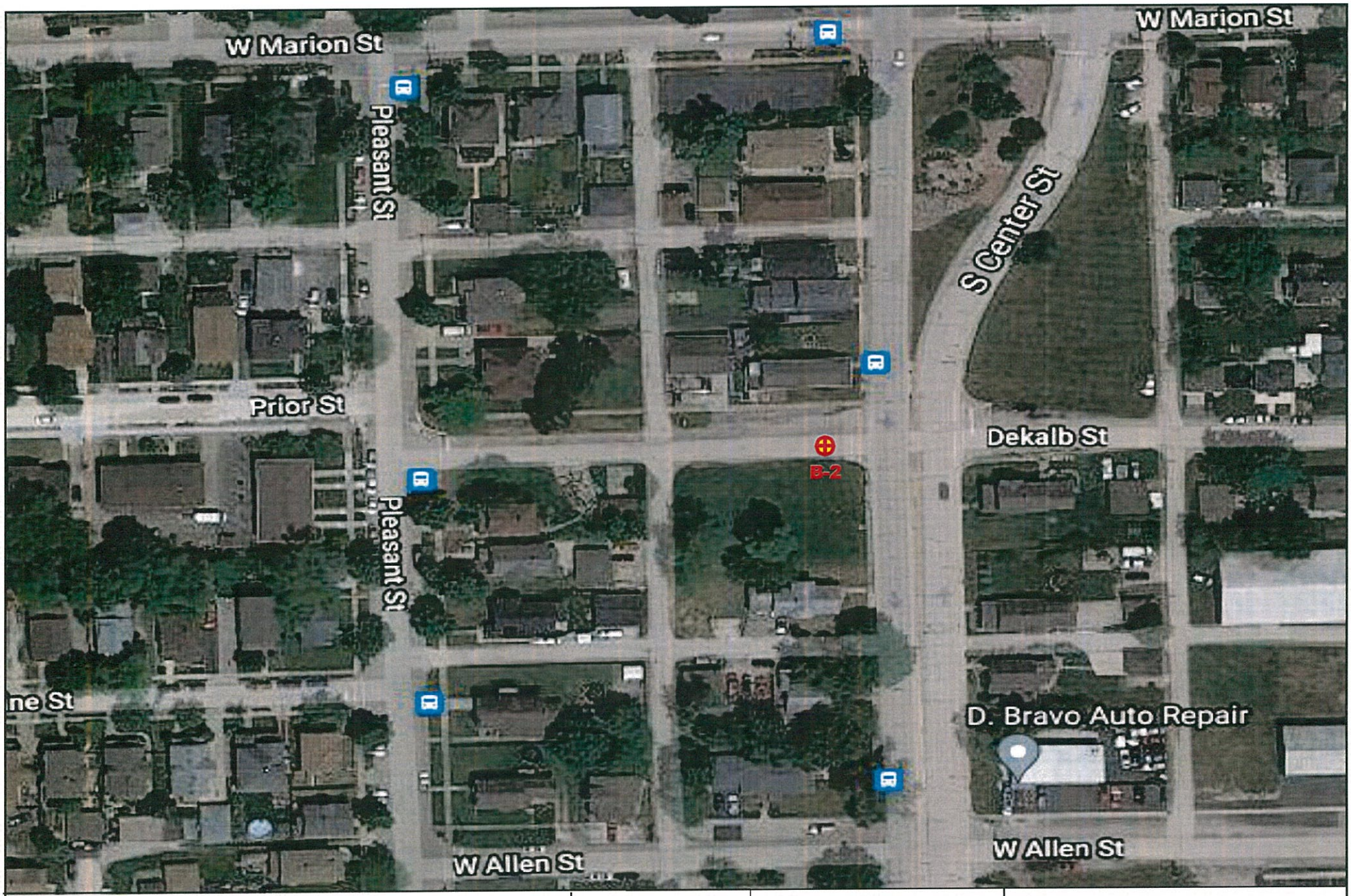

**K & S ENGINEERS, INC.**
SOIL TESTING AND FOUNDATION CONSULTANTS

**SITE PLAN AND BORING/CORING LOCATIONS**
Dora Avenue (Garvin St. – Woodruff Rd.)
Joliet, Illinois

N

| | |
|---|---|
| Date: 2-10-21 | **EXHIBIT – 3** |
| Not to Scale | **FILE No. 13465** |

**LEGEND:** ⊕ Approximate Boring/Coring Locations




**K & S ENGINEERS, INC.**
SOIL TESTING AND FOUNDATION CONSULTANTS

**SITE PLAN AND BORING/CORING LOCATIONS**
Dekalb Street (Garvin St. – Woodruff Rd.)
Joliet, Illinois

N

| | |
|---|---|
| Date: 2-10-21 | **EXHIBIT – 4** |
| Not to Scale | **FILE No. 13465** |
| **LEGEND:** ⊕ Approximate Boring/Coring Locations | |

EXHIBIT 3
Sheet 1 of 1

| | | | |
|---|---|---|---|
| CLIENT **City of Joliet** | LOG OF BORING NUMBER **B-2** | DES. NO. **N/A** | |
| PROJECT NAME **2022 Joliet Pavement Cores and Rock Borings** | | PROJECT NO. **13465** | |
| SITE LOCATION **City of Joliet, Various Streets** | STRUCTURE NUMBER | Latitude | Longitude |
| BORING STARTED **1/13/2022** | RIG **Diedrich D-120** | FILE NUMBER **13465** | |
| BORING COMPLETED **1/13/2022** | FOREMAN **Ruben/Erik** | | |

⊕ CALIBRATED PENETROMETER, TONS/FT²
○ UNCONFINED COMPRESSIVE STRENGTH, TONS/FT²
0 1 2 3 4 5 6
● WATER CONTENT, %
0 10 20 30 40 50 60
△ BLOW COUNTS
0 10 20 30 40 50 60

| (METERS) STRATA DEPTH (FEET) | TEXTURAL CLASSIFICATION | DESCRIPTION OF MATERIAL | DEPTH (FEET) | SAMPLE TYPE | SAMPLE RECOVERY | SAMPLE NUMBER | DRY UNIT WEIGHT pcf (kg/m³) |
|---|---|---|---|---|---|---|---|
| 0.3 | | 3 inches of ASPHALT | | | | | |
| 0.5 | | 3 inches of CRUSHED STONE | | | | | |
| | | Brown, WEATHERED SANDSTONE with little slightly moist, dark brown, LEAN CLAY on top (moisture content associated with clay) | 1.0 | | | 1 | |
| 2.0 | | **Auger Refusal at 2.0 feet** | 2.0 | | | | |

100
6-50/3"(100)

▽ WATER LEVEL WHILE DRILLING None
▼ WATER LEVEL None upon completion of drilling

REMARKS
**Auger refusal at 2.0 feet**

▨ SPLIT SPOON ■ SHELBY TUBE [A] AUGER ▨ ROCK CORE
+ PL - PLASTIC LIMIT + LL - LIQUID LIMIT $\gamma_d$ - UNIT DRY WEIGHT

K & S ENGINEERS, INC.

BORING LOG 13465_2022 SOIL BORINGS AND PAVEMENT CORES_CITY OF JOLIET.GPJ 2-11-22

**"FOR INFORMATION PURPOSES ONLY"**
**Table of Results**
**2022: Pavement Cores and Rock Borings**
**City of Joliet, IL**
**K & S File No. 13465**

| Street | Location | Type | Pavement type | Pavement Thickness (inches) | Base Type | Base Thickness (inches) | Subgrade Classification (native soil under base) | Remarks |
|---|---|---|---|---|---|---|---|---|
| Walsh Avenue | C-1 | Core | Bituminous | 2 | Crushed Stone | 3 | Weathered bedrock | |
| (Douglas-Taylor) | C-2 | Core | Bituminous | 1.5 | Crushed Stone | 9.5 | Weathered bedrock | |
| | C-3 | Core | Bituminous | 1 | Crushed Stone | 6 | Weathered bedrock | |
| Helen Avenue | C-4 | Core | Bituminous | 3 | Crushed Stone with Clay | 18 | Brown clay | |
| (Charity-Mills) | C-5 | Core | Bituminous | 1 | Crushed Stone | 13 | Brown clay | |
| | B-1 | Boring | Bituminous | 6.5 | Crushed Stone | 7.5 | See Exhibit 6 | |
| Dora Avenue | C-6 | Core | Bituminous | 2 | Crushed Stone | 2 | Dark brown clay | |
| (Woodruff-Garvin) | C-7 | Core | Bituminous | 5 | Crushed Stone with Clay | 5 | Brown clay with sand and gravel | |
| Dekalb Street | B-2 | Boring | Bituminous | 3 | Crushed Stone | 3 | See Exhibit 7 | |
| (Center-Pleasant) | | | | | | | | |
| Parks Avenue | B-3 | Boring | Bituminous | 3 | Crushed Stone with Sand | 7 | See Exhibit 8 | |
| (Liberty-Elwood) | B-4 | Boring | Bituminous | 1.5 | Weathered bedrock | - | See Exhibit 9 | Asphalt on top of weathered bedrock |

# PREVAILING WAGES

This Contract shall be subject to the provisions of the *Prevailing Wage Act* (820 ILCS 130/1 et seq.) to the extent required by law.

For Prevailing Wage information please go to the City of Joliet Website
https://www.joliet.gov/government/departments/purchasing/prevailing-wage-information

For current Prevailing Wage Rates, go to State of Illinois Website below and follow the instructions:
https://data.illinois.gov/dataset/idol-2018-prevailing-wage-rates/resource/0c95f063-aed9-4db7-adc3-c224acee8fc2

If you cannot access or have difficulty retrieving the prevailing wage information, contact Dawn Kochan at dkochan@joliet.gov or call 815-724-3926 and we will send you the relevant prevailing wage information.

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| CITY OF JOLIET | Will | 22-00549-00-FP | DEKALB/ DORA |

## PROPOSAL

1. Proposal of _____
Contractor's Name

_____.
Contractor's Address

2. The plans for the proposed work are those prepared by CITY OF JOLIET and approved by the Department of Transportation on _____.

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

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.

5. The undersigned agrees to complete the work within 30 working days or by _____ unless additional time is granted in accordance with the specifications.

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

7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.

8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.

9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.

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

**Attach Cashier's Check or Certified Check Here**

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number _____ .

Illinois Department of Transportation

# Schedule of Prices

Contractor's Name

Contractor's Address | City | State | Zip Code

Local Public Agency: CITY OF JOLIET | County: Will | Section Number: 22-00549-00-FP

Route(s) (Street/Road Name): DEKALB/ DORA

**Schedule for Multiple Bids**

| Combination Letter | Section Included in Combinations | Total |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

**Schedule for Single Bid**

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

| Item Number | Items | Unit | Quantity | Unit Price | Total |
|---|---|---|---|---|---|
| 1 | TREE ROOT SAWING | EA | 13 | | |
| 2 | PARKWAY EXCAVATION | SQ YD | 2950 | | |
| 3 | ROADWAY EXCAVATION | CU YD | 1068 | | |
| 4 | ROCK EXCAVATION | CU YD | 120 | | |
| 5 | REM & DISP UNSUIT MAT | CU YD | 160 | | |
| 6 | REM & DISP CONT MAT | CU YD | 25 | | |
| 7 | TRENCH BACKFILL | CU YD | 110 | | |
| 8 | AGG BASE CSE B, 8" | SQ YD | 3026 | | |
| 9 | SUB GRAN MAT C 3" | SQ YD | 560 | | |
| 10 | PREPARATION OF BASE | SQ YD | 2508 | | |
| 11 | AGG BASE REPAIR | TON | 100 | | |
| 12 | POROUS GRAN EMB SPEC | CU YD | 160 | | |
| 13 | ST SWR, T-1 RCCP CL IV, 12" | LIN FT | 180 | | |
| 14 | ST SEWER, DIP CL 52, 12" | LIN FT | 90 | | |
| 15 | ROCK EX FOR STRUCT | CU YD | 20 | | |
| 16 | INLET T-A W/ TY 11F&G | EA | 1 | | |
| 17 | INLET T-A W/ TY 3 F&G | EA | 1 | | |
| 18 | INLET T-A W/ TY 9 F&G | EA | 1 | | |
| 19 | CB, TY C W/T11 F&G | EA | 1 | | |
| 20 | CB, TY C W/T11 F&G -SPEC | EA | 1 | | |
| 21 | MANHOLES, TY A 4' DIA | EA | 2 | | |
| 22 | FR & LIDS, TY1CL | EA | 1 | | |
| 23 | CB TO BE RELOCATED | EA | 1 | | |
| 24 | COM CC&G TB6.12 | LIN FT | 2320 | | |
| 25 | COMB CC&G TB6.18 | LIN FT | 25 | | |

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| CITY OF JOLIET | Will | 22-00549-00-FP | DEKALB/ DORA |

| Item Number | Items | Unit | Quantity | Unit Price | Total |
|---|---|---|---|---|---|
| 26 | COM CC&G TB6.24 | LIN FT | 30 | | |
| 27 | BARRIER CURB | LIN FT | 145 | | |
| 28 | COMB CURB & GUTTER REM | LIN FT | 150 | | |
| 29 | SIDEWALK REMOVAL | SQ FT | 1600 | | |
| 30 | LATE SIDEWALK REM | SQ FT | 100 | | |
| 31 | PCC DRIVEWAY PAVT 6" | SQ YD | 155 | | |
| 32 | PCC DRIVEWAY PAVT 8" | SQ YD | 50 | | |
| 33 | PCC SIDEWALK 5" | SQ FT | 1790 | | |
| 34 | PCC PAVE R&R, 10" | SQ YD | 22 | | |
| 35 | HMA DRIVEWAY PAVT 3" | SQ YD | 160 | | |
| 36 | HMA R&R, 4" | SQ YD | 10 | | |
| 37 | HMA R&R, 6" | SQ YD | 20 | | |
| 38 | TOPSOIL F & P 3 | SQ YD | 1100 | | |
| 39 | SODDING | SQ YD | 1100 | | |
| 40 | TEMPORARY DW ACCESS | TON | 30 | | |
| 41 | TRAFFIC CONTROL & PROT | L SUM | 1 | | |
| 42 | SAWCUT ASPHALT SURF | FT | 270 | | |
| 43 | SAWCUT CONCRETE SURF | FT | 150 | | |
| 44 | PROTECTIVE COAT | SQ YD | 925 | | |
| 45 | DETECTABLE WARNING | SQ FT | 30 | | |
| 46 | CONC DRIV PAVEMENT REM | SQ YD | 80 | | |
| 47 | MANHOLE TO BE RECONST | EA | 4 | | |
| 48 | EROSION CONTROL | L SUM | 1 | | |
| 49 | HARDWOOD MULCH | EA | 13 | | |
| 50 | SLOPEWALL, 4" | SQ FT | 30 | | |
| 51 | REMOVE & REPL HANDHOLE | EA | 1 | | |
| 52 | MAILBOX PROT/RELOCAT | EA | 4 | | |
| 53 | RELOCATE FH W/ AUX VALV | EA | 2 | | |
| 54 | ADJ WATER SERVICE LINES | LIN FT | 20 | | |
| 55 | SAN SERVICE REPL CASE I | LIN FT | 10 | | |
| 56 | SAN SERVICE REPL CASE II | LIN FT | 20 | | |
| 57 | DOMESTIC WATER SER ADJ | EA | 7 | | |
| 58 | DOMESTIC WATER SER REL | EA | 3 | | |
| 59 | CB, TY C W/T11V F&G | EA | 2 | | |
| 60 | REM & RELAY SS, 15" | LIN FT | 34 | | |
| 61 | INLET, TY A, W TY 11V F&G | EA | 1 | | |
| 62 | SAWCUT | LIN FT | 70 | | |
| | | | | Bidder's Total Proposal | |

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| CITY OF JOLIET | Will | 22-00549-00-FP | DEKALB/ DORA |

## CONTRACTOR CERTIFICATIONS

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

1. **Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.

2. **Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

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

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

3. **Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter or record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.

4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

Illinois Department of Transportation

# Apprenticeship and Training Program Certification

| Local Public Agency | County | Street Name/Road Name | Section Number |
|---|---|---|---|
| CITY OF JOLIET | Will | DEKALB/ DORA | 22-00549-00-FP |

**All contractors are required to complete the following certification**

☒ For this contract proposal or for all bidding groups in this deliver and install proposal.

☐ For the following deliver and install bidding groups in this material proposal.

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

1. Except as provided in paragraph 4 below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.

2. The undersigned bidder further certifies, for work to be performed by subcontract, that each of its subcontractors either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.

3. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

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

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

Bidder

Signature

Date

Title

Address

City

State

Zip Code

Illinois Department of Transportation

# Affidavit of Illinois Business Office

| Local Public Agency | County | Street Name/Road Name | Section Number |
|---|---|---|---|
| CITY OF JOLIET | Will | DEKALB/ DORA | 22-00549-00-FP |

I, _____ of _____, _____,
Name of Affiant — City of Affiant — State of Affiant

being first duly sworn upon oath, state as follows:

1. That I am the _____ of _____.
Officer or Position — Bidder

2. That I have personal knowledge of the facts herein stated.

3. That, if selected under the proposal described above, _____, will maintain a business office in the
Bidder

State of Illinois, which will be located in _____ County, Illinois.
County

4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.

5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

Signature _____ Date _____

Print Name of Affiant _____

**Notary Public**

State of IL

County _____

Signed (or subscribed or attested) before me on _____ by
(date)

_____, authorized agent(s) of
(name/s of person/s)

_____.
Bidder

Signature of Notary Public _____

(SEAL)

My commission expires _____

Illinois Department of Transportation

# Local Public Agency Proposal Bid Bond

| Local Public Agency | County | Section Number |
|---|---|---|
| CITY OF JOLIET | Will | 22-00549-00-FP |

WE, _____ as PRINCIPAL, and

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

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

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

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

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this _____ (Day) of _____ (Month and Year)

**Principal**

| Company Name | | Company Name | |
|---|---|---|---|
| Signature | Date | Signature | Date |
| By: | | By: | |
| Title | | Title | |

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

**Surety**

| Name of Surety | Signature of Attorney-in-Fact | Date |
|---|---|---|
| | By: | |

STATE OF IL

COUNTY OF

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

_____

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

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

Given under my hand and notarial seal this _____ (Day) day of _____ (Month and Year).

Notary Public Signature

(SEAL)

Date commission expires _____

| Local Public Agency | County | Section Number |
|---|---|---|
| CITY OF JOLIET | Will | 22-00549-00-FP |

## ELECTRONIC BID BOND

☐ **Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)**

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

Electronic Bid Bond ID Code

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |

Company/Bidder Name

Signature

Date

Title

| Local Public Agency | County | Section Number | Route(s) (Street/Road Name) |
|---|---|---|---|
| CITY OF JOLIET | Will | 22-00549-00-FP | DEKALB/ DORA |

## SIGNATURES

(If an individual)

Signature of Bidder | Date

Business Address

City | State | Zip Code

(If a partnership)

Firm Name

Signature | Date

Title

Business Address

City | State | Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name

Signature | Date

Title

Business Address

City | State | Zip Code

Insert Names of Officers

President

Attest:

Secretary

Secretary

Treasurer

Illinois Department of Transportation

# Affidavit of Availability

For the Letting of

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

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

**Part I. Work Under Contract**

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

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

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

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

| | | | | | | |
|---|---|---|---|---|---|---|
| Earthwork | | | | | | |
| Portland Cement Concrete Paving | | | | | | |
| HMA Plant Mix | | | | | | |
| HMA Paving | | | | | | |
| Clean & Seal Cracks/Joints | | | | | | |
| Aggregate Bases, Surfaces | | | | | | |
| Highway, R.R., Waterway Struc. | | | | | | |
| Drainage | | | | | | |
| Electrical | | | | | | |
| Cover and Seal Coats | | | | | | |
| Concrete Construction | | | | | | |
| Landscaping | | | | | | |
| Fencing | | | | | | |
| Guardrail | | | | | | |
| Painting | | | | | | |
| Signing | | | | | | |
| Cold Milling, Planning, Rotomilling | | | | | | |
| Demolition | | | | | | |
| Pavement Markings (Paint) | | | | | | |
| Other Construction (List) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Totals | | | | | | |

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

**Part III. Work Subcontracted to Others.**

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

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

| | | | | | |
|---|---|---|---|---|---|
| Total Uncompleted | | | | | |

**Notary**

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

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____ , _____

_____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts

Illinois Department of Transportation

# Affidavit of Availability

For the Letting of

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

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

**Part I. Work Under Contract**

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

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

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

| | | | | | | |
|---|---|---|---|---|---|---|
| Earthwork | | | | | | |
| Portland Cement Concrete Paving | | | | | | |
| HMA Plant Mix | | | | | | |
| HMA Paving | | | | | | |
| Clean & Seal Cracks/Joints | | | | | | |
| Aggregate Bases, Surfaces | | | | | | |
| Highway, R.R., Waterway Struc. | | | | | | |
| Drainage | | | | | | |
| Electrical | | | | | | |
| Cover and Seal Coats | | | | | | |
| Concrete Construction | | | | | | |
| Landscaping | | | | | | |
| Fencing | | | | | | |
| Guardrail | | | | | | |
| Painting | | | | | | |
| Signing | | | | | | |
| Cold Milling, Planning, Rotomilling | | | | | | |
| Demolition | | | | | | |
| Pavement Markings (Paint) | | | | | | |
| Other Construction (List) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Totals | | | | | | |

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**Part III. Work Subcontracted to Others.**

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

| | | | | | |
|---|---|---|---|---|---|
| Total Uncompleted | | | | | |

**Notary**

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

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____ , _____

_____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts

Illinois Department of Transportation

# Affidavit of Availability

For the Letting of

Bureau of Construction
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| | 1 | 2 | 3 | 4 | Awards Pending | Accumulated Totals |
|---|---|---|---|---|---|---|
| Contract Number | | | | | | |
| Contract With | | | | | | |
| Estimated Completion Date | | | | | | |
| Total Contract Price | | | | | | |
| Uncompleted Dollar Value if Firm is the Prime Contractor | | | | | | |
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| | | | | | | |
|---|---|---|---|---|---|---|
| Earthwork | | | | | | |
| Portland Cement Concrete Paving | | | | | | |
| HMA Plant Mix | | | | | | |
| HMA Paving | | | | | | |
| Clean & Seal Cracks/Joints | | | | | | |
| Aggregate Bases, Surfaces | | | | | | |
| Highway, R.R., Waterway Struc. | | | | | | |
| Drainage | | | | | | |
| Electrical | | | | | | |
| Cover and Seal Coats | | | | | | |
| Concrete Construction | | | | | | |
| Landscaping | | | | | | |
| Fencing | | | | | | |
| Guardrail | | | | | | |
| Painting | | | | | | |
| Signing | | | | | | |
| Cold Milling, Planning, Rotomilling | | | | | | |
| Demolition | | | | | | |
| Pavement Markings (Paint) | | | | | | |
| Other Construction (List) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Totals | | | | | | |

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

**Part III. Work Subcontracted to Others.**

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

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

**Notary**

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

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____ , _____

_____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

☐ Add pages for additional contracts

Illinois Department of Transportation

# Affidavit of Availability

For the Letting of

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

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

**Part I. Work Under Contract**

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

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

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

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

| | | | | | | |
|---|---|---|---|---|---|---|
| Earthwork | | | | | | |
| Portland Cement Concrete Paving | | | | | | |
| HMA Plant Mix | | | | | | |
| HMA Paving | | | | | | |
| Clean & Seal Cracks/Joints | | | | | | |
| Aggregate Bases, Surfaces | | | | | | |
| Highway, R.R., Waterway Struc. | | | | | | |
| Drainage | | | | | | |
| Electrical | | | | | | |
| Cover and Seal Coats | | | | | | |
| Concrete Construction | | | | | | |
| Landscaping | | | | | | |
| Fencing | | | | | | |
| Guardrail | | | | | | |
| Painting | | | | | | |
| Signing | | | | | | |
| Cold Milling, Planning, Rotomilling | | | | | | |
| Demolition | | | | | | |
| Pavement Markings (Paint) | | | | | | |
| Other Construction (List) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Totals | | | | | | |

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| Subcontractor | | | | | |
| Type of Work | | | | | |
| Subcontract Price | | | | | |
| Amount Uncompleted | | | | | |
| Subcontractor | | | | | |
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| Amount Uncompleted | | | | | |
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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

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this _____ day of _____ , _____

_____

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| Cover and Seal Coats | | | | | | |
| Concrete Construction | | | | | | |
| Landscaping | | | | | | |
| Fencing | | | | | | |
| Guardrail | | | | | | |
| Painting | | | | | | |
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Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____ , _____

_____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)