

RESOLUTION 2021-013

PASSED: FEBRUARY 8, 2021

AUTHORIZING AN ADDENDUM FOR ENGINEERING SERVICES WITH FEHR GRAHAM & ASSOCIATES, LLC FOR THE 2021 GENERAL STREET MAINTENANCE PROGRAM AS PART OF THE 2019 THREE-YEAR SERVICES AGREEMENT, WITH A FEE FOR FY2021 NOT TO EXCEED \$135,000.

WHEREAS, the City of DeKalb (the "City") is a home rule unit pursuant to Article VII, Section 6(a) of the 1970 Illinois Constitution and may exercise any power and perform any function pertaining to its government and affairs; and

WHEREAS, the City's corporate authorities previously approved an engineering services agreement with Fehr Graham & Associates, LLC ("Fehr") for the City's General Street Maintenance Program for a three-year term from 2019 through 2021 which had an estimated fee for the 2021 year in an amount not to exceed \$125,000 (the Agreement"); and

WHEREAS, Fehr submitted a proposal for the 2021 General Street Maintenance Program with an estimated fee in an amount not to exceed \$135,000 which is attached hereto and incorporated herein as Exhibit A (the "Addendum"); and

WHEREAS, the City's corporate authorities find that it is necessary and in the City's best interests to approve the Addendum; and

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF DEKALB, ILLINOIS:


SECTION 1. The City's corporate authorities approve, authorize and direct the Mayor to execute the Addendum to the Engineering Services Agreement with Fehr Graham for engineering services for the 2021 Street Maintenance Program substantially in the format attached hereto as Exhibit A, subject to such revisions as shall be acceptable to him with the recommendation of the City Manager, at a fee not to exceed \$135,000.00 for Fiscal Year 2021. The City Council reserves the right to determine the scope of future years' street maintenance programs, and to approve a fee for engineering services related thereto, which items shall be presented to Council each year. The total expenditure shall be limited by the budgeted sums available for such purposes.

SECTION 2: The City Clerk or Executive Assistant shall be authorized and directed to attest the Mayor's signature, and this Resolution shall be in full force and effect from and after its passage and approval as provided by law.

PASSED BY THE CITY COUNCIL of the City of DeKalb, Illinois at a Regular meeting thereof held on the 8th day of February 2021 and approved by me as Mayor on the same day. Passed by an 8-0 roll call vote. Aye: Morris, Finucane (Remote), Smith, Perkins, McAdams, Verbic, Faivre, Mayor Smith. Nay: None.

ATTEST:


RUTH A. SCOTT, Executive Assistant


JERRY SMITH, Mayor

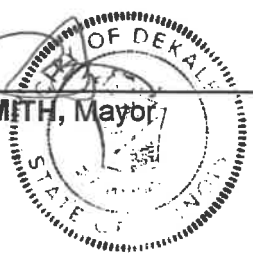


EXHIBIT A
(Addendum to Engineering Services Agreement for the FY2021 Street Maintenance Program)



January 25, 2021

Mr. Zachary Gill
City Engineer
City of DeKalb
1216 Market Street
DeKalb, IL 60115

**Re: Proposal for Professional Engineering Services
City of DeKalb 2021 MFT Streets Program**

Dear Mr. Gill,

Thank you for considering Fehr Graham for your professional engineering needs. We understand that the scope includes the resurfacing, minor curb and gutter replacement, and minor sidewalk replacement in compliance with ADA standards within the following streets:

- Base Bid: 1st Street from Augusta Avenue to Taylor Street & Taylor Street from 1st Street to Lion's Park Entrance
- Alternate Bid 1: 7th Street from Lincoln Highway to Franklin Street
- Alternate Bid 2: 6th Street from Roosevelt Street to Grove Street

We understand that you would like to obtain bids and use MFT funds to complete all work within the construction limits stated above. Understanding the scope for the 2021 Streets project, we are pleased to present you with a proposal for construction engineering services:

Design Engineering and Bid Documents for 2021 Streets Program (MFT Funds) shall include:

- Limited topographic survey to set limits for new ADA compliant sidewalks and crosswalks
- Issue bid documents for the 2021 MFT streets program that include pavement resurfacing, spot curb and gutter replacement, and strategic sidewalk and ADA ramp replacement within the limits stated above
- Bid documents will be sent to IDOT for MFT General Maintenance review/approval
- Fehr Graham will solicit bids, prepare tabulation of bids, and submit recommendation letter to City
- Fehr Graham will coordinate execution of contract documents with awarded contractor/City/IDOT

Construction Engineering shall include professional services for:

- Providing the city with an experienced resident engineer to ensure compliance with the project specifications as construction proceeds
- Maintain a daily record of the contractor's activities throughout construction including sufficient information to permit the verification of the nature and cost of changes in plans and authorized extra work
- Preparation and submission of partial and final payment estimates, change orders, records, and other reports/correspondence as requested by the City of DeKalb.

Materials Testing shall include:

- HMA Density Testing for new roadway surface
- PC Concrete Testing (Air, Slump, Strength for ADA Ramp Replacements)
- Pavement cores to determine the existing pavement cross section

Exclusions

The following items are not included in the scope of services proposed here:

- Deep Soil Borings
- Boundary and ROW Surveys
- Traffic Studies
- Environmental Assessments & Studies
- Archeologic Surveys
- Design of roadway widening improvements (i.e. improvements beyond General Maintenance activities)
- NPDES erosion control inspections

Schedule

All work is expected to be completed within your current budget year, with work concluding prior to December 31, 2021.

Fees

Considering the estimate provided, we are prepared to complete the scope of work on a time and materials basis as per the following schedule of fees:

Design Engineering/Bid Documents	\$29,704
Construction Engineering	\$89,114*
Materials Testing and Pavement Cores	<u>\$15,000</u>
Total	\$133,818

*Construction engineering costs are estimated based on initial construction estimates. Construction engineering fees will not exceed 6% of actual construction costs as per agreement.

Subconsultant invoices (i.e. TSC, Materials Testing) will be marked up 15% for administrative and management costs. Services rendered will be invoiced on a monthly basis until completion of the project.

Authorization

I trust that the information we have provided is in line with your expectations. If you would like for us to proceed with this project, please execute the attached Agreement for Professional Services and return a copy to my attention.

Respectfully submitted,


Jason T. Stoll, PE
Principal/Branch Manager

Enc: BLR 05520 Maintenance Engineering to be Performed by Consulting Engineer
BLR 11510 Contract Estimate of Cost, Base Bid and Alternates

N:\Proposals\2021\Jason Stoll\DeKalb, City of\2021 Streets\City of DeKalb - 2021 MFT Streets Program - Proposal - 2021-01-22.docx

AGREEMENT FOR PROFESSIONAL SERVICES

Client Mr. Zachary Gill
City of DeKalb
200 South Fourth Street
DeKalb, IL 60115

815.748.2000

Description of Services:

City of DeKalb - 2021 MFT Streets Program

Fehr Graham will provide the professional engineering services for the City of DeKalb's 2021 MFT Streets program as detailed in our proposal letter dated January 25, 2021.

COST: The time and materials fee for performing the above services is \$133,818 as follows:

Design Engineering/Bid Documents	\$29,704
Construction Engineering	\$89,114*
Materials Testing and Pavement Cores	\$15,000

*Construction engineering costs are estimated based on initial construction estimates. Construction engineering fees will not exceed 6% of actual construction costs as per agreement.

The attached General Conditions are incorporated into and made a part of this Agreement.

ACCEPTED AND AGREED TO:

I/we, the undersigned, authorize Fehr Graham to provide services as outlined above, and also agree that I/we are familiar with and **ACCEPT THE TERMS OF THE ATTACHED GENERAL CONDITIONS.**

CLIENT:

Signature

Name

Title

Date Accepted

CONSULTANT:

By

Name

Title

Date Proposed

Jason T. Stoll, PE

Principal/Branch Manager

January 25, 2021

GENERAL CONDITIONS TO AGREEMENT FOR PROFESSIONAL SERVICES

1. The Client requests the professional services of Fehr Graham hereinafter called "The Consultant" as described herein.
2. The Consultant agrees to furnish and perform the professional service described in this Agreement in accordance with accepted professional standards. Consultant agrees to provide said services in a timely manner, provided, however, that Consultant shall not be responsible for delays in completing said services that cannot reasonably be foreseen on date hereof or for delays which are caused by factors beyond his control or delays resulting from the actions or inaction of any governmental agency. Consultant makes no warranty, expressed or implied, as to his findings, recommendations, plans and specifications or professional advice except that they were made or prepared in accordance with the generally accepted engineering practices.
3. It is agreed that the professional services described in the Agreement shall be performed for Client's account and that Client will be billed monthly for said services. A 1½% per month service charge will be incurred by Client for any payment due herein and not paid within 30 days of such billing which is equal to an ANNUAL PERCENTAGE RATE OF 18%. Partial payments will be first credited to the accrued service charges and then to the principal.
4. The Client and the Consultant each binds himself, his partners, successors, executors, and assigns to the other party to this agreement and to the partners, successor, executors, and assigns of such other party in respect to this agreement.
5. The Client shall be responsible for payment of all costs and expenses incurred by the Consultant for his account, including any such monies that the Consultant may advance for Client's account for purposes consistent with this Agreement.
6. The Consultant reserves the right to withdraw this Agreement if not accepted within 30 days.
7. A claim for lien will be filed within 75 days of the date of an invoice for services (last day of services rendered) unless the account is paid in full or other prior arrangements have been made. All attorney fees incurred by the Consultant due to the filing of said lien or the foreclosure thereof shall be borne by the Client.

In the event suit must be filed by Consultant for the collection of fees for services rendered, Client will pay all reasonable attorney's fees and court costs.

If Client defaults in payment of fees or costs due under the terms of this Agreement and Consultant incurs legal expenses as a result of such failure, Client shall be responsible for payment for Consultant's reasonable attorney fees and costs so incurred.

8. The Consultant shall present, for the consideration of the Client, engineering and technical alternatives, based upon its knowledge and experience in accordance with accepted professional standards, with selection of alternatives and final decisions as requested by the client to be the sole responsibility of the Client.
9. Construction Phase Activities (When applicable) - In connection with observations of the work of the Contractor(s) while it is in progress the Consultant shall make visits to the site at intervals appropriate to the various stages of construction as the Consultant deems necessary in Agreement to observe as an experienced and qualified design professional the progress and quality of the various aspects of the Contractor(s)'s work. Based on information obtained during such visits and on such observation, the Consultant shall endeavor to determine in general if such work is proceeding in accordance with the Contract Documents and the Consultant shall keep the Client informed of the progress of the work.

The purpose of the Consultant's visits to the site will be to enable the Consultant to better carry out the duties and responsibilities assigned to and undertaken by the Consultant during the Construction Phase, and, in addition, by exercise of the Consultant's efforts as an experienced and qualified design professional, to provide for the Client a greater degree of confidence that the completed work of the Contractor(s) will conform generally to the Contract Documents and that the integrity of the design concept as reflected in the Contract Documents has been implemented and preserved by the Contractor(s). The Consultant shall not, during such visits or as a result of such observations of Contractor(s)' work in progress, supervise, direct or have control over Contractor(s)' work nor shall the Consultant have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected by Contractor(s), for safety precautions and programs incident to the work of Contractor(s) or for any failure of Contractor(s) to comply with laws, rules, regulations, ordinances, codes, or orders applicable to Contractors(s) furnishing and performing their work. Accordingly, the Consultant can neither guarantee the performance of the construction contracts by Contractor(s) nor assume responsibility for Contractor(s)' failure to furnish and perform their work in accordance with the Contract Documents.

10. Estimates of Fees - When fees are on a time and material basis the estimated costs required to complete the services to be performed are made on the basis of the Consultant's experience, qualifications, and professional judgment, but are not guaranteed. If the costs appear likely to exceed the estimate in excess of 20%, the Consultant will notify the Client before proceeding. If the Client does not object to the additional costs within seven (7) days of notification, the increased costs shall be deemed approved by the Client.
11. The Consultant is responsible for the safety on site of his own employees. This provision shall not be construed to relieve the Client or the Contractor(s) from their responsibility for maintaining a safe work site. Neither the professional services of the Consultant, nor the presence of his employees or subcontractors shall be construed to imply that the Consultant has any responsibility for any activities on site performed by personnel other than the Consultant's employees or subcontractors.
12. Original survey data, field notes, maps, computations, studies, reports, drawings, specifications and other documents generated by the Consultant are instruments of service and shall remain the property of the Consultant. The Consultant shall provide copies to the Client of all documents specified in the Description of Services.

Any documents generated by the Consultant are for the exclusive use of the Client and any use by third parties or use beyond the intended purpose of the document shall be at the sole risk of the Client. To the fullest extent permitted by law, the Client shall indemnify, defend and hold harmless the Consultant for any loss or damage arising out of the unauthorized use of such documents.

13. No claim may be asserted by either party against the other party unless an action on the claim is commenced within two (2) years after the date of the Consultant's final invoice to the Client.
14. If a Client's Purchase Order form or acknowledgment or similar form is issued to identify the agreement, authorize work, open accounts for invoicing, provide notices, or document change orders, the preprinted terms and condition of said Purchase Order shall be superseded by the terms hereof.
15. Standard of Care - Services performed by Consultant under this agreement will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. No other representation expressed or implied, and no warranty or guarantee is included or intended in any report, opinion or document under this agreement.
16. Liability Insurance - Consultant will maintain such liability insurance as is appropriate for the professional services rendered as described in this Agreement. Consultant shall provide Certificates of Insurance to Client, upon Client's request, in writing.
17. Indemnification and Limitation of Liability - Client and Consultant each agree to indemnify and hold the other harmless, including their respective officers, employees, agents, members, and representatives, from and against liability for all claims, costs, losses, damages and expense, including reasonable attorney's fees, to the extent such claims, losses, damages or expenses are caused by the indemnifying party's acts, errors or omissions.

The Client understands that for the compensation herein provided Consultant cannot expose itself to liabilities disproportionate to the nature and scope hereunder. Therefore, the Client agrees to limit Consultant's liability to the Client arising from Consultant's professional acts, errors or omissions, such that the total aggregate liability of Consultant shall not exceed \$50,000 or Consultant's total fee for services rendered on this Project, whichever is less.

18. Allocation of Risk - Consultant and Client acknowledge that, prior to the start of this Agreement, Consultant has not generated, handled, stored, treated, transported, disposed of, or in any way whatsoever taken responsibility for any toxic substance or other material found, identified, or as yet unknown at the Project premises. Consultant and Client further acknowledge and understand that the evaluation, management, and other actions involving toxic or hazardous substances that may be undertaken as part of the Services to be performed by Consultant, including subsurface excavation or sampling, entails uncertainty and risk of injury or damage. Consultant and Client further acknowledge and understand that Consultant has not been retained to serve as an insurer of the safety of the Project to the Client, third parties, or the public.

Client acknowledges that the discovery of certain conditions and/or taking of preventative measures relative to these conditions may result in a reduction of the property's value. Accordingly, Client waives any claim against Consultant and agrees to indemnify, defend, and hold harmless Consultant and its subcontractors, consultants, agents, officers, directors, and employees from any claim or liability for injury or loss allegedly arising from procedures associated with environmental site assessment (ESA) activities or the discovery of actual or suspected hazardous materials or conditions. Client releases Consultant from any claim for damages resulting from or arising out of any pre-existing environmental conditions at the site where the work is being performed which was not directly or indirectly caused by and did not result from, in whole or in part, any act or omission of Consultant or subcontractor, their representatives, agents, employees, and invitees.

If, while performing the Services set forth in any Scope of Services, pollutants are discovered that pose unanticipated or extraordinary risks, it is hereby agreed that the Scope of Services, schedule, and costs will be reconsidered and that this Agreement shall immediately become subject to renegotiation or termination. Client further agrees that such discovery of unanticipated hazardous risks may require Consultant to take immediate measures to protect health and safety or report such discovery as may be required by law or regulation. Consultant shall promptly notify Client upon discovery of such risks. Client, however, hereby authorizes Consultant to take all measures Consultant believes necessary to protect Consultant and Client personnel and the public. Furthermore, Client agrees to compensate Consultant for any additional costs associated with such measures.

19. In the event of legal action to construe or enforce the provisions of this agreement, the prevailing party shall be entitled to collect reasonable attorney fees, court costs and related expenses from the losing party and the court having jurisdiction of the dispute shall be authorized to determine the amount of such fees, costs and expenses and enter judgment thereof.
20. Termination - The obligation to provide further services under this Agreement may be terminated by either party upon seven (7) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. In the event of any termination, Consultant will be paid for all services rendered to the date of receipt of written notice of termination, at Consultant's established chargeout rates, plus for all Reimbursable Expenses including a 15% markup.
21. Provision Severable - The unenforceability or invalidity of any provisions hereof shall not render any other provisions herein contained unenforceable or invalid.
22. Governing Law and Choice of Venue - Client and Consultant agree that this Agreement will be governed by, construed, and enforced in accordance with the laws of the State of Illinois. If there is a lawsuit, Client and Consultant agree that the dispute shall be submitted to the jurisdiction of the Illinois District Court in and for Stephenson County, Illinois.



Illinois Department of Transportation

Maintenance Engineering to be Performed by a Consulting Engineer



Local Public Agency

City of DeKalb

County

DeKalb

Section Number

21-00000-00-GM

The services to be performed by the consulting engineer, pertaining to the various items of work included in the estimated cost of the maintenance operations (BLR 14222), shall consist of the following:

PRELIMINARY ENGINEERING shall include:

Investigation of the condition of the streets or highways for determination (in consultation with the local highway authority) of the maintenance operations to be included in the maintenance program; preparation of the maintenance resolution (BLR 14220 for municipalities and counties), maintenance estimate of cost and, if applicable, proposal; attendance at meetings of the governing body as may reasonably be required; attendance at public letting; preparation of the contract, quotations, and/or acceptance (BLR 12330) form. Also, preparation of the maintenance expenditure statement which must be submitted to IDOT within 3 months of the end of the maintenance period.

ENGINEERING INSPECTION shall include:

Furnishing the engineering field inspection, including preparation of payment estimate for contract, material proposal and/or deliver and install proposal and/or checking material invoices of those maintenance operations requiring engineering field inspection. For operations requiring material testing ensure the testing is completed by a qualified firm.

For furnishing preliminary engineering, the engineer will be paid a base fee PLUS a negotiated fee percentage. Only one base fee can be charged per maintenance period. For furnishing engineering inspection, the engineer will be paid a negotiated fee percentage. The negotiated preliminary engineering fee percentage for each maintenance group shown in the "Schedule of Fees" shall be applied to the total estimated costs of that group. The negotiated fee for engineering inspection for each maintenance group shall be applied to the total final cost of that group for the times which required engineering inspections. In no case shall this be construed to include supervision of the contractor operations.

SCHEDULE OF FEES

Total of all Maintenance Operations:

☐ <= \$20,000

Base Fee

☒ > \$20,000

Base Fee = \$1,250.00

Maintenance Engineering Category	Preliminary Engineering		Engineering Inspection		Operation(s) to be Inspected
	Maximum Fee %	Negotiated Fee %	Maximum Fee %	Negotiated Fee %	
I	NA	NA	NA	NA	NA
IIA	2%		1%		
IIB	3%		3%		
III	4%		4%		
IV	5%	2%	6%	6%	

The LPA certifies that the selection of the ENGINEER was performed in accordance with the Local Government Professional Service Selection Act 50 (ILCS 510/1-510/8) and procedures outlined in Chapter 5 of the DEPARTMENT's Bureau of Local Roads and Streets Manual.

BY:

Local Public Agency Signature

Date

Title

City Engineer

BY:

Consulting Engineer Signature

Date

Title

Principal/Branch Manager

P.E. Seal

Date

Approved:

Regional Engineer, IDOT

Date





Contract Estimate of Cost



Local Public Agency

DeKalb

County

DeKalb

Section Number

21-00000-00-GM

Route(s)/Street-Road Name

1st Street & Taylor Street

Project Length

1.3 Mi.

Project Termini

1st Street from Augusta Avenue to Taylor Street; Taylor Street from 1st Street to Lion's Park Ent. - Base Bid

Item Number	Item	Unit of Measure	Quantity	Unit Price	Total Estimated Cost
20101400	NITROGEN FERTILIZER NUTRIENT	LB	18	\$5.00	\$90.00
20101500	PHOSPHORUS FERTILIZER NUTRIENT	LB	18	\$5.00	\$90.00
20101600	POTASSIUM FERTILIZER NUTRIENT	LB	18	\$5.00	\$90.00
21101615	TOPSOIL FURNISH AND PLACE, 4"	SY	968	\$15.00	\$14,520.00
25000110	SEEDING, CLASS 1A	AC	0.2	\$25,000.00	\$5,000.00
25100830	EROSION CONTROL BLANKET	SY	968	\$3.00	\$2,904.00
28000500	INLET AND PIPE PROTECTION	EA	62	\$50.00	\$3,100.00
35800200	AGGREGATE BASE REPAIR	SY	1,700	\$15.00	\$25,500.00
40800290	BITUMINOUS MATERIALS (TACK COAT)	LB	1,699	\$0.05	\$84.95
40804062	HMA SC IL-9.5 D N70 (1ST STREET)	TN	1,926	\$75.00	\$144,450.00
40803085	HMA BC IL-19.0 N70 (1ST STREET)	TN	2,568	\$72.00	\$184,896.00
42400200	PC CONC SIDEWALK 5	SF	4,800	\$10.00	\$48,000.00
42400800	DETECTABLE WARNINGS	SF	400	\$40.00	\$16,000.00
44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"	SY	33,984	\$3.00	\$101,952.00
44000500	COMBINATION CURB AND GUTTER REMOVAL	FT	840	\$6.00	\$5,040.00
44000800	SIDEWALK REMOVAL	SF	3,840	\$4.00	\$15,360.00
44200050	WELDED WIRE REINFORCEMENT	SY	535	\$2.00	\$1,070.00
44300200	STRIP REF CR CON TR	FT	21,000	\$3.00	\$63,000.00
44201683	CLASS D PATCHES, TYPE III, 3 INCH	SY	1,700	\$20.00	\$34,000.00
60255500	MANHOLES TO BE ADJUSTED	EA	55	\$1,200.00	\$66,000.00
60260100	INLETS TO BE ADJUSTED	EA	16	\$500.00	\$8,000.00
60266600	VALVE BOXES TO BE ADJUSTED	EA	8	\$800.00	\$6,400.00
60603800	COMB CC&G TB6.12	FT	840	\$30.00	\$25,200.00
67100100	MOBILIZATION	LS	1	\$50,000.00	\$50,000.00
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	\$300.00	\$4,200.00
78000100	THPL PVT MK LTR & SYM	SF	575	\$5.00	\$2,875.00
78000200	THPL PVT MK LINE 4	FT	16,365	\$1.00	\$16,365.00
78000400	THPL PVT MK LINE 6	FT	1,600	\$2.50	\$4,000.00
78000650	THPL PVT MK LINE 24	FT	300	\$4.50	\$1,350.00
88600100	DETECTOR LOOP, TYPE 1	FT	20	\$100.00	\$2,000.00
X0326806	WASHOUT BASIN	EA	1	\$500.00	\$500.00

Local Public Agency

County

Section Number

DeKalb

DeKalb

21-00000-00-GM

Item Number	Item	Unit of Measure	Quantity	Unit Price	Total Estimated Cost	
X7010216	TRAF CONT & PROT SPL	LS	1	\$40,000.00	\$40,000.00	-
Z0048665	RAILROAD PROTECTION LIABILITY INSURANCE	LS	1	\$15,000.00	\$15,000.00	-
X0100022	TILL, RESHAPE AND COMPACT ROADBED	SY	3,600	\$8.00	\$28,800.00	-
40603080	HMA BC IL-19.0 N50 (Taylor & Alleys)	TN	1,651	\$72.00	\$118,872.00	-
40604050	HMA SC IL-9.5 C N50 (Taylor & Alleys)	TN	1,315	\$75.00	\$98,625.00	-
Z0004005	FIBER ASPHALT	TN	2,931	\$10.00	\$29,310.00	-
Add	Total Overall Estimated Cost:				\$1,182,643.95	

Prepared By

Date

Andrew Trocki

01/21/21

Verified By

Date



1/25/21



Contract Estimate of Cost



Local Public Agency

DeKalb

County

DeKalb

Section Number

21-00000-00-GM

Route(s)/Street-Road Name

7th Street

Project Length

0.15 Mi.

Project Termini

7th Street from Lincoln Highway (IL 38) to Prospect Street - Alternate Bid 1

Item Number	Item	Unit of Measure	Quantity	Unit Price	Total Estimated Cost
20101400	NITROGEN FERTILIZER NUTRIENT	LB	9	\$5.00	\$45.00
20101500	PHOSPHORUS FERTILIZER NUTRIENT	LB	9	\$5.00	\$45.00
20101600	POTASSIUM FERTILIZER NUTRIENT	LB	9	\$5.00	\$45.00
21101615	TOPSOIL FURNISH AND PLACE, 4"	SY	484	\$15.00	\$7,260.00
25000110	SEEDING, CLASS 1A	AC	0.1	\$25,000.00	\$2,500.00
25100630	EROSION CONTROL BLANKET	SY	484	\$3.00	\$1,452.00
28000500	INLET AND PIPE PROTECTION	EA	11	\$50.00	\$550.00
35800200	AGGREGATE BASE REPAIR	SY	258	\$15.00	\$3,870.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	LB	2,305	\$0.05	\$115.25
40604062	HMA SC IL-9.5 D N70	TN	312	\$75.00	\$23,400.00
40603085	HMA BC IL-19.0 N70	TN	416	\$72.00	\$29,952.00
42400200	PC CONC SIDEWALK 5	SF	0	\$10.00	\$0.00
42400800	DETECTABLE WARNINGS	SF	0	\$40.00	\$0.00
44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"	SY	3,621	\$3.00	\$10,863.00
44000600	COMBINATION CURB AND GUTTER REMOVAL	FT	420	\$6.00	\$2,520.00
44000600	SIDEWALK REMOVAL	SF	0	\$4.00	\$0.00
44200050	WELDED WIRE REINFORCEMENT	SY	0	\$2.00	\$0.00
44201683	CLASS D PATCHES, TYPE III, 3 INCH	SY	258	\$20.00	\$5,160.00
60255500	MANHOLES TO BE ADJUSTED	EA	6	\$1,200.00	\$7,200.00
60260100	INLETS TO BE ADJUSTED	EA	5	\$500.00	\$2,500.00
60266600	VALVE BOXES TO BE ADJUSTED	EA	4	\$800.00	\$3,200.00
60603800	COMB CC&G TB6.12	FT	420	\$30.00	\$12,600.00
78000100	THPL PVT MK LTR & SYM	SF	30	\$5.00	\$150.00
78000200	THPL PVT MK LINE 4	FT	2,210	\$1.00	\$2,210.00
78000400	THPL PVT MK LINE 6	FT	732	\$2.50	\$1,830.00
78000650	THPL PVT MK LINE 24	FT	210	\$4.50	\$945.00
88600100	DETECTOR LOOP, TYPE 1	FT	20	\$100.00	\$2,000.00
67100100	MOBILIZATION	LS	1	\$3,500.00	\$3,500.00
X7010216	TRAF CONT & PROT SPL	LS	1	\$5,000.00	\$5,000.00
Z0004005	FIBER ASPHALT	TN	312	\$10.00	\$3,120.00
Adj	Total Overall Estimated Cost:				\$132,032.25

Local Public Agency

DeKalb

County

DeKalb

Section Number

21-00000-00-GM

Prepared By

Andrew Trocki

Date

01/21/21

Verified By

JS

Date

1/25/21



Contract Estimate of Cost



Local Public Agency

DeKalb

County

DeKalb

Section Number

21-00000-00-GM

Route(s)/Street-Road Name

6th Street

Project Length

0.3 Mi.

Project Termini

6th Street from East Roosevelt Street to Grove Street - Alternate Bid 2

Item Number	Item	Unit of Measure	Quantity	Unit Price	Total Estimated Cost
20101400	NITROGEN FERTILIZER NUTRIENT	LB	9	\$5.00	\$45.00
20101500	PHOSPHORUS FERTILIZER NUTRIENT	LB	9	\$5.00	\$45.00
20101600	POTASSIUM FERTILIZER NUTRIENT	LB	9	\$5.00	\$45.00
21101615	TOPSOIL FURNISH AND PLACE, 4"	SY	484	\$15.00	\$7,260.00
25000110	SEEDING, CLASS 1A	AC	0.1	\$25,000.00	\$2,500.00
25100630	EROSION CONTROL BLANKET	SY	484	\$3.00	\$1,452.00
28000500	INLET AND PIPE PROTECTION	EA	11	\$50.00	\$550.00
35800200	AGGREGATE BASE REPAIR	SY	258	\$15.00	\$3,870.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	LB	2,313	\$0.05	\$115.65
40604050	HMA SC IL-9.5 C N50	TN	443	\$75.00	\$33,225.00
40603080	HMA BC IL-19.0 N50	TN	591	\$72.00	\$42,552.00
42400200	PC CONC SIDEWALK 6	SF	800	\$10.00	\$8,000.00
42400800	DETECTABLE WARNINGS	SF	200	\$40.00	\$8,000.00
44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"	SY	5,141	\$3.00	\$15,423.00
44000500	COMBINATION CURB AND GUTTER REMOVAL	FT	280	\$6.00	\$1,680.00
44000600	SIDEWALK REMOVAL	SF	800	\$4.00	\$3,200.00
44200050	WELDED WIRE REINFORCEMENT	SY	88	\$2.00	\$176.00
44201683	CLASS D PATCHES, TYPE III, 3 INCH	SY	258	\$20.00	\$5,160.00
60255500	MANHOLES TO BE ADJUSTED	EA	8	\$1,200.00	\$9,600.00
60260100	INLETS TO BE ADJUSTED	EA	1	\$500.00	\$500.00
60266800	VALVE BOXES TO BE ADJUSTED	EA	4	\$800.00	\$3,200.00
60603800	COMB CC&G TB6.12	FT	280	\$30.00	\$8,400.00
78000400	THPL PVT MK LINE 6	FT	784	\$2.50	\$1,960.00
78000650	THPL PVT MK LINE 24	FT	150	\$4.50	\$675.00
67100100	MOBILIZATION	LS	1	\$3,500.00	\$3,500.00
X7010216	TRAF CONT & PROT SPL	LS	1	\$5,000.00	\$5,000.00
Z0004005	FIBER ASPHALT	TN	443	\$10.00	\$4,430.00
Add	Total Overall Estimated Cost:				\$170,563.65

Local Public Agency

DeKalb

County

DeKalb

Section Number

21-00000-00-GM

Prepared By

Andrew Trocki

Date

01/21/21

Verified By

JS

Date

1/25/21

for Reference only

RESOLUTION 2019-041

PASSED: FEBRUARY 11, 2019

AUTHORIZING A THREE-YEAR AGREEMENT FOR ENGINEERING SERVICES WITH FEHR GRAHAM & ASSOCIATES, LLC FOR THE 2019-2021 GENERAL STREET MAINTENANCE PROGRAMS, WITH AN INITIAL FEE FOR FISCAL YEAR 2019 NOT TO EXCEED \$165,000, AND SUBSEQUENT YEARS TO BE NEGOTIATED AND APPROVED INDIVIDUALLY.

BE IT RESOLVED BY THE CITY COUNCIL of the City of DeKalb, Illinois, as follows:

SECTION 1. That the Mayor of the City of DeKalb be authorized and directed to execute an Engineering Services Agreement with Fehr Graham for engineering services for the 2019, 2020, & 2021 Street Maintenance Projects substantially in the format attached hereto as Exhibit A, subject to such revisions as shall be acceptable to him with the recommendation of the City Manager. Such services shall be provided at an initial fee not to exceed \$165,000.00 for Fiscal Year 2019 construction. The City Council reserves the right to determine the scope of future years' street maintenance programs, and to approve a fee for engineering services related thereto, which items shall be presented to Council each year. The total expenditure shall be limited by the budgeted sums available for such purposes.

Section 2. That the City Clerk of the City of DeKalb be authorized and directed to attest the Mayor's signature.

PASSED BY THE CITY COUNCIL of the City of DeKalb, Illinois, at a Regular meeting thereof held on the 11th day of February 2019 and approved by me as Mayor on the same day. Passed by an 8-0 roll call vote. Aye: Jacobson, Finucane, Stupedia, Fagan, Noreiko, Verbic, Faivre, Smith. Nay: None.

ATTEST:


LYNN A. FAZEKAS, City Clerk




PERRY SMITH, Mayor



200 South Fourth Street
DeKalb, Illinois 60115
815.748.2000 • cityofdekalb.com

Professional Services (Advisor) Agreement for Services

THIS AGREEMENT, by and between the City of DeKalb, hereinafter referred to as the "City" and "Fehr-Graham & Associates, LLC (Fehr Graham)" hereinafter referred to as the "Contractor", with the City and Contractor agreeing as follows

A. Services:

Contractor agrees to furnish to the City the following services:

See attached Exhibit A

Contractor represents that it possesses the skills and knowledge necessary to provide all such services and understands that the City is relying upon such representation. Contractor further acknowledges that Exhibit A is an integral part of this Agreement and may not be modified except in accordance with a modification to the terms of this Agreement.

B. Term:

The intent of the City and Contractor is to utilize this base agreement for the provision of services over a three-year period. Each year of services shall require the approval of an addendum to this Agreement to include that year's scope of work, applicable billable rates for Contractor's personnel, and a specified not-to-exceed price. Such approval for years 2 and 3 of this agreement shall require the action of the City Council. Initial approval of this Agreement constitutes approval of the scope of services attached as Exhibit A, the hourly rates schedule attached as Exhibit B, and the not-to-exceed price of \$165,000, for services to be completed following execution of this Agreement and prior to January 31, 2020. Services will be provided as needed and directed by the City beginning on the date of execution of this agreement and continuing through January 31st, 2020, or, until terminated by either party upon 7 days written notice to the non-terminating party. Upon termination the Contractor shall be compensated for all work performed for the City prior to termination (up to the approved not-to-exceed price) and shall provide to the City all work completed through the date of termination. The City's issuance of a notice of termination shall function as a stop work order, beyond which the Contractor shall not incur any additional costs without the City's express, written permission.

C. Compensation:

Contractor shall receive as compensation for all work and services to be performed herein, an amount based on the fee schedule attached hereto as Exhibit B. All payments will be made according to the Illinois State Prompt Payment Act. Any payment made to the Contractor shall be strictly on the basis of quantum meruit. The Contractor shall submit to the City a detailed breakdown and invoice of all charges, including detail of past payments and amounts still remaining due, accurate to the date of the invoice, with each request for payment. Any additions to or deductions from the approved total amount of the

contract, and any out of scope work shall require prior, written approval from the City. Any work performed without the City's express, written consent shall be solely at the expense of the Contractor. Contractor shall provide all contractor lien waivers, subcontractor lien waivers and materialmen lien waivers, properly executed and completed, prior to receiving payment. Contractor shall indemnify, defend and hold harmless the City from any claim arising out of or relating to the liens, public fund claims or other claims for payment or damages from any subcontractor or materialman employed or utilized by Contractor, without regard to whether the City strictly enforced the requirement of submitting lien waivers. The following optional provisions apply if checked:

- o This work is to be completed on a time and materials basis in accordance with the rate schedule attached in Exhibit B.
- o This work is to be completed subject to a not-to-exceed price of \$165,000.00 for the period commencing upon approval and ending January 31, 2020.

D. Changes in Rates of Compensation (and Prevailing Wages):

If the Contractor seeks to impose any change in the fee schedule (whether in terms of hourly fee or lump sum fees), then the Contractor shall provide not less than ninety days written notice of its intent to change its fee schedule, and any such change in fee schedule shall require the approval of the City. The Parties acknowledge that this Agreement is for professional services and is not subject to the Illinois Prevailing Wage Act. Contractor shall indemnify, defend and hold harmless the City from any claims arising out of or relating to any actual or alleged non-compliance with the requirements of the Prevailing Wage Act.

E. Ownership of Records and Documents / Confidential Information:

Contractor agrees to keep and maintain all books and records and other recorded information required to comply with any applicable laws, including but not limited to the Prevailing Wage Act. Contractor agrees to keep such information confidential and not to disclose or disseminate the information to third parties without the consent of the City. Contractor further agrees to keep as confidential any information belonging or relating to the City which is of a confidential nature, including without limitation information which is proprietary, personal, required by law to be confidential, or relates to the business, operations or accounts of the City. This confidentiality shall not apply to material or information, which would otherwise be subject to public disclosure through the freedom of information act or if already previously disclosed by a third party. Contractor acknowledges that the Freedom of Information Act, 5 ILCS 140/1 et seq. (the "Act") places an obligation on the City to produce certain records that may be in the possession of Contractor. Contractor shall comply with the record retention and documentation requirements of the Local Records Act 50 ILCS 205/1 et seq. and the Act and shall maintain all records relating to this Agreement in compliance with the Local Records Retention Act and the Act (complying in all respects as if the Contractor was, in fact, the City). Contractor shall review its records promptly and produce to the City within two business days of contact from the City the required documents responsive to a request under the Act. If additional time is necessary to comply with the request, the Contractor may request the City to extend the time do so, and the City will, if time and a basis for extension under the Act permits, consider such extensions.

F. Governing Law:



This contract shall be governed and construed in accordance with the laws of the State of Illinois. Venue and jurisdiction for any legal action arising out of or related to this Agreement shall be exclusively fixed in the DeKalb County Circuit Court, DeKalb County, Illinois.

G. Independent Contractor:

The Contractor acknowledges that neither it nor its personnel shall be acting as an employee or official representative of the City for purposes of being offered any protection or coverage under City insurance policies for tort immunity or other legal purposes. The Contractor and City acknowledge that the provisions of this Agreement shall be construed, pursuant to *Carney v. Union Pacific Railroad Company*, 2016 IL 118984, to provide the City with the right to stop or resume work, to make inspections, to receive reports and to provide recommendations or suggestions pursuant to Section 414 of the Second Restatement of Torts, consistent with the employment of an independent contractor, and that no provision of this Agreement shall be construed as the City retaining control of or having liability for the actions of the Contractor. The City shall have no liability for Contractor's selection of personnel, employees or subcontractors, nor for the presence of dangerous conditions on any real property where Contractor is employed.

Contractor shall have sole control over the manner and means of providing the work and services performed under this agreement. The City's relationship to the Contractor under this agreement shall be that of an independent contractor. Contractor will not be considered an employee to the City for any purpose. The parties agree that the Contractor is exclusively responsible for the determination of what work is required to complete the tasks outlined in Exhibit A, and for the means and methods of completing such work. The City's compensation to Contractor shall be limited to that described in Exhibit B, and the City shall not reimburse any expenses, provide any benefits, withhold any employment taxes or otherwise have a financial relationship with Contractor other than payment of the stated compensation. The Contractor shall be solely responsible for withholding of taxes, providing employee benefits, or otherwise complying with applicable laws relating to its employees or contractors.

In the event that the City determines, in its sole discretion, that it is economically advantageous for the City to provide certain supplies or tools for use by Contractor in lieu of paying Contractor to provide the same, the City and Contractor agree that Contractor shall then utilize the City's equipment or supplies according to its own determination of their best and appropriate use. Contractor shall be responsible for its own personnel, training, instruction and related matters. Contractor shall be responsible for determining its sequence of performance for required work. Contractor's work shall be evaluated by the City based upon the end result of such work. Contractor shall be responsible for any expenses incurred by Contractor in the performance of its work, and shall not be authorized, expressly or impliedly, to obligate the City on any debt, contract or other agreement whatsoever. In the event that Contractor is compensated on an hourly basis under the terms of this Agreement, the City and Contractor agree that Contractor's compensation is usual and customary, based on the terms that Contractor offers its services to the market in general.

H. Certifications:

Executing this Agreement constitutes acknowledgment, acceptance, and certification of the accuracy of the following certifications, and any other certifications required under any applicable law relating to the



performance of this Agreement. The Contractor is responsible for identifying all such applicable regulations and certifications, and for compliance with the same.

Sexual Harassment: The Contractor certifies that it is in compliance with the Illinois Human Rights Act 775 ILCS 5/1.101, et seq. including establishment and maintenance of sexual harassment policies and program.

Tax Delinquency: The Contractor certifies that it is not delinquent in payment of any taxes to the Illinois Department of Revenue in accordance with 65 ILCS 5/11-42.1, and is not delinquent in the payment of any tax, charge or obligation to the City of DeKalb.

Employment Status: The Contractor certifies that if any of its personnel are an employee of the State of Illinois, they have permission from their employer to perform the service.

Anti-Bribery: The Contractor certifies it is not barred under 30 Illinois Compiled Statutes 500/50-5(a) - (d) from contracting as a result of a conviction for or admission of bribery or attempted bribery of an officer or employee of the State of Illinois or any other state.

Loan Default: If the Contractor is an individual, the Contractor certifies that he/she is not in default for a period of six months or more in an amount of \$600 or more on the repayment of any educational loan guaranteed by the Illinois State Scholarship Commission made by an Illinois institution of higher education or any other loan made from public funds for the purpose of financing higher education (5 ILCS 385/3).

Employment of Illinois Workers on Public Works Act. If at the time the Contract Documents are executed, or if during the term of the Contract Documents, there is a period of excessive unemployment in Illinois as defined in the Employment of Illinois Workers on Public Works Act, 30 ILCS 570/0.01 et seq., (hereinafter referred to as "the Act"), GENERAL CONTRACTOR, its consultants, contractors, subcontractors and agents agree to employ Illinois laborers on this Project in accordance with the Act. GENERAL CONTRACTOR understands that the Act defines (a) "period of excessive unemployment" as "as any month following two consecutive calendar months during which the level of unemployment in the State of Illinois has exceeded 5%, as measured by the United States Bureau of Labor Statistics in its monthly publication of employment and unemployment figures", and (b) "Illinois laborer" as "any person who has resided in Illinois for at least thirty (30) days and intends to become or remain an Illinois resident." See 30 ILCS 570/1. Contractor understands and agrees that its failure to comply with this provision of the Contract Documents may result in immediate termination of the Contract Documents.

Felony Certification: The Contractor certifies that it is not barred pursuant to 30 ILCS 500/50-10 from conducting business with the State of Illinois or any agency as a result of being convicted of a felony.

Barred from Contracting: The Contractor certifies that it has not been barred from contracting as a result of a conviction for bid-rigging or bid rotating under 720 ILCS 5/33E-3 (Bid Rigging) or 720 ILCS 5/33-4 (Bid Rotating) or a similar law of another state or of the federal government.

Prevailing Wage: The Contractor certifies that it shall comply with all applicable provisions of the Prevailing Wage Act, and further certifies that it is not in violation of said Act and has not been barred from bidding on this proposal by virtue of a past violation of the Act. A copy of the most recent available list of prevailing wages is attached hereto or has been provided to the Contractor. The Contractor is responsible for regularly updating said list as new prevailing wage rates are made available by the City or by the Illinois Department of Labor. The Illinois Department of Labor posts regular updates to prevailing wage rates on its official website, which is currently www.illinois.gov/idol. This notice is given pursuant to 820 ILCS 130/4 and the balance of the Illinois Prevailing Wage Act, which is incorporated herein by reference as if fully restated.

Drug Free Workplace: The Contractor certifies that it is in compliance with the Drug Free Workplace Act (30 Illinois Compiled Statutes 580) as of the effective date of this contract. The Drug Free



Workplace Act requires, in part, that Contractors, with 25 or more employees certify and agree to take steps to ensure a drug free workplace by informing employees of the dangers of drug abuse, of the availability of any treatment or assistance program, of prohibited activities and of sanctions that will be imposed for violations; and that individuals with contracts certify that they will not engage in the manufacture, distribution, dispensation, possession, or use of a controlled substance in the performance of the contract. The Contractor further certifies that it maintains a substance-abuse program and provide drug testing in accordance with 820 ILCS 130/11G, Public Act 095-0635

Responsible Contractor Requirements: The Contractor certifies that it complies with the Illinois Procurement Code and the provisions of Section 30-22 thereof relating to apprenticeship and training, if applicable.

Non-Discrimination, Certification, and Equal Employment Opportunity: The Contractor agrees to comply with applicable provisions of the Illinois Human Rights Act (775 Illinois Compiled Statutes 5), the U.S. Civil Rights Act, the Americans with Disabilities Act, Section 504 of the U.S. Rehabilitation Act and the rules applicable to each. The equal opportunity clause of Section 750.10 of the Illinois Department of Human Rights Rules is specifically incorporated herein. The Contractor shall comply with Executive Order 11246, entitled Equal Employment Opportunity, as amended by Executive Order 11375, and as supplemented by U.S. Department of Labor regulations (41 C.F.R. Chapter 60). The Contractor agrees to incorporate this clause into all subcontracts under this Contract. The Contractor acknowledges that neither it nor the City shall discriminate on the basis of any protected classification.

Record Retention and Audits: If 30 ILCS 500/20-65 requires the Contractor (and any subcontractors) to maintain, for a period of 3 years after the later of the date of completion of this Contract or the date of final payment under the Contract, all books and records relating to the performance of the Contract and necessary to support amounts charged to the City under the Contract. The Contract and all books and records related to the Contract shall be available for review and audit by the City and the Illinois Auditor General. If this Contract is funded from contract/grant funds provided by the U.S. Government, the Contract, books, and records shall be available for review and audit by the Comptroller General of the U.S. and/or the Inspector General of the federal sponsoring agency. The Contractor agrees to cooperate fully with any audit and to provide full access to all relevant materials.

United States Resident Certification: (This certification must be included in all contracts involving personal services by non-resident aliens and foreign entities in accordance with requirements imposed by the Internal Revenue Services for withholding and reporting federal income taxes.) The Contractor certifies that he/she/it is a: ☐ United States Citizen or Corporation ☐ Resident Alien ☐ Non-Resident Alien. The Internal Revenue Service requires that taxes be withheld on payments made to non-resident aliens for the performance of personal services at the rate of 30%.

Tax Payer Certification: Under penalties of perjury, the Contractor certifies that its Federal Tax Payer Identification Number or Social Security Number is 36-2780335 and is doing business as a (check one): ☐ Individual ☐ Real Estate Agent ☐ Sole Proprietorship ☐ Government Entity ☒ Partnership ☐ Tax Exempt Organization (IRC 501(a) only) ☐ Corporation ☐ Not for Profit Corporation ☐ Trust or Estate ☐ Medical and Health Care Services Provider Corp.

Authorized in Illinois: The Contractor that it is authorized to lawfully transact business in the State of Illinois, under all applicable Illinois laws and regulations. The Contractor certifies that it shall comply with the Corporate Accountability for Tax Administration Act, 20 ILCS 715/1, et. seq. Where applicable, the Contractor certifies that it is not barred from bidding by virtue of having been adjudicated to have committed a willing or knowing violation of Section 42 of the Environmental Protection Act within the five years preceding this bid, pursuant to 415 ILCS 5/1, et. seq. The Contractor further certifies that it is in compliance with all applicable requirements of the Business Enterprise for Minorities, Females and Persons with Disabilities Act, 30 ILCS 575/1, et. seq.



Export Administration, Supplies, Labor: The Contractor certifies that neither it nor any substantially owned affiliate is participating, nor shall participate, in an international boycott which is in violation of the provisions of the US Export Administration Act of 1979 or the regulations of the US Department of Commerce promulgated under the Act, including but not limited to the requirements of 30 ILCS 582/5. The Contractor further certifies that no foreign made equipment, materials or supplies furnished under the proposal or agreement have been or will be produced in whole or in part by forced labor, convict labor, or indentured labor, nor made in whole or in part by the labor of any child under the age of 12, under penal sanction pursuant to 30 ILCS 583/1 and 30 ILCS 584/1. The Contractor certifies that steel products used or supplied in the performance of a contract for public works shall be manufactured or produced in the United States, unless the City Manager grants an exception to said requirement, pursuant to 30 ILCS 565/1, *et. seq.*

General Compliance and Certification: The Contractor certifies that it has and will comply with all other applicable laws, regulations, ordinances or restrictions applicable to any component of the bidding process, agreement, or any services or materials provided in connection therewith. The Contractor acknowledges that it is responsible for identifying and complying with all applicable laws, ordinances, rules and regulations, and that it shall indemnify and hold harmless the City of DeKalb from any claim, liability or damages arising out of the failure to identify or comply with any such applicable legal restriction.

I. Indemnification:

The Contractor shall be responsible for any and all damages to property or persons arising out of an error, omission, and/or negligent act in the prosecution of the work or failure to prosecute the work and shall indemnify and hold harmless the City, its officers, agents, and employees from all suits, claims, actions or damages of any nature whatsoever resulting therefrom. The Company shall assume all restitution and repair costs arising out of an error, omission and/or negligence.

The Contractor agrees to indemnify and save harmless the City, including its elected or appointed officials, employees, attorneys and agents (collectively, the "City Indemnitees") against any and all claims, loss damage, injury, liability, and court costs and attorney's fees incident thereto, including any claims made by employees of the Contractor or any of their subcontractors, as well as all other persons, resulting directly or indirectly from the work covered by this contract or the equipment used in connection therewith. It is understood that this agreement shall apply to any and all such claims whether resulting from the negligence or the intentional acts of the Contractor, the Contractor's employees, contractors or subcontractors, the City or City Indemnitees or otherwise, with the single exception of any claim, damage, loss, or expense arising solely out of the intentional misconduct of the City or City Indemnitees. The Contractor is solely responsible for determining the accuracy and validity of any information provided to the Contractor by the City or its representatives. This indemnification shall apply to the fullest extent of the law, and in the event that any provision hereof is determined to be unenforceable, the indemnification obligations shall be severable and the fullest extent of indemnification that may lawfully apply shall remain in full force and effect.

This indemnification shall include any claims arising out of the erection, construction, placement or operation of any scaffold, hoist, crane, stay, ladders, support or other mechanical contrivance in connection with such work including but not limited to losses, claims, damages and expenses arising pursuant to claims asserted against the City pursuant to theories premised upon Section 414 or Section 343 of the Restatement (Second) of Torts. This indemnification shall not be limited in any way by limitations on the amount or type of damages, compensation, or benefits payable by or for the



Contractor under Workers' Compensation Acts, disability benefit acts, or other employee benefit acts, and serves as an express agreement to waive the protection of *Kotecki v. Cyclops Welding Corp*, 146 Ill.2d 155 (1991) in Illinois. However, pursuant to the Construction Contract Indemnification for Negligence Act (740 ILCS 35), the Parties shall not indemnify the other for any liabilities, damages, costs or expense resulting from the other party's own willful misconduct or negligence. The City does not waive its defenses or immunities under the Local Government and Governmental Employees Tort Immunity Act (745 ILCS 10/1 *et seq.*), or other such immunity statute or common law, by reason of indemnification or insurance. Indemnification shall survive the termination of the Agreement.

J. Insurance, Licensure and Intellectual Property:

The Contractor shall comply with all insurance requirements described on the attached Exhibit C. The Contractor agrees and warrants that it has procured all licenses, permits or other official permissions required by any applicable law to perform the services contemplated herein, that it will procure all additional licenses, permits or other official permissions hereafter required by law during the term of this Agreement, and that it will keep all such licenses in effect during the term of this Agreement. The Contractor shall provide a copy of any such licenses or permits upon request. All such insurance and licensure shall be provided at the Contractor's sole expense. Contractor also warrants that it has complete ownership or authorization/entitlement to any intellectual property, software, images or other such items used in the performance of its work under this Agreement, and that it shall transfer to the City, unrestricted, the ability to modify, amend, publicize or otherwise utilize any intellectual property provided to the City under this Agreement unless the City expressly preapproves in writing a limitation to these provisions.

The Contractor shall not commence work under this Contract until they have obtained all insurance required and such insurance has been submitted to and approved by the City, nor shall the Contractor permit any Subcontractor to commence work on any subcontract until the same insurance has been obtained by the Subcontractor. The Company and all Subcontractors shall maintain their insurance in place for not less than two (2) years following completion of all work required under this Contract.

All drawings, specifications, reports and any other project documents prepared by the Contractor in connection with any or all of the services to be furnished thereunder shall be delivered to the City for the expressed use of the City. The Contractor shall have the right to retain original documents, but shall cause to be delivered to the City such quality of documents so as to assure total reproducibility of the documents delivered. All information, worksheets, reports, design calculations, plans and specifications shall be the sole property of the City unless otherwise specified in the negotiated agreement. The Contractor agrees that basic survey notes and sketches, charts, computations and other data prepared or obtained by the Contractor pursuant to this Agreement shall be made available, upon request, to the City without cost and without restriction or limitation as to their use. All field notes, test records, and reports shall be available to the City upon request.

K. Bonds:

Contractor shall be responsible for identifying and complying with all legal requirements applicable to this Agreement or the underlying work to be performed, including but not limited to any requirement to post bonds or security. Without limitation, Contractor shall comply with the Public Construction Bond Act, 30 ILCS 550/0.01, *et. seq.* for any public works having a total cost in excess of \$50,000.



L. Additional Terms or Modification:

The terms of this agreement shall be further modified as provided on the attached Exhibit A, Exhibit B and Exhibit C. Except for those terms included on Exhibit A, Exhibit B and Exhibit C, no additional terms are included as a part of this agreement. All prior understandings and agreements between the parties are merged into this agreement, and this agreement may not be modified orally or in any manner other than by an agreement in writing signed by both parties. The City reserves the right by written amendment to make changes in requirements, amount of work, or time schedule adjustments. The Contractor shall negotiate appropriate adjustments acceptable to both parties to accommodate any changes. The City may, at any time by written order, require the Contractor to stop all or part of the services required by this Agreement. Upon receipt of such an order, the Contractor shall immediately comply with its terms and take all steps to minimize the occurrence of costs allocable to the services covered by the order. If the Contractor identifies any costs associated with the suspension of services, such costs must be expressly approved by the City in writing, or they shall be the sole expense of the Contractor.

M. Notices:

All notices required to be given under the terms of this License shall be given mail, addressed to the parties as follows:

For the City:

City Manager
City of DeKalb
200 S. Fourth Street
DeKalb, IL 60115

For the Contractor:

Jason Stoll
Fehr Graham
515 Lincoln Highway
Rochelle, IL 61068

Either of the parties may designate in writing from time to time substitute addresses or persons in connection with required notices.

N. Subcontractors and Third Parties:

Contractor shall not assign or subcontract for the performance of any obligation under this Agreement, except with the express, written preapproval of the City, which consent may be withheld in the City's sole and absolute discretion. Should Contractor assign any obligation arising under this Agreement with the consent of the City, the Contractor shall remain to be primarily liable to the City for the performance of the obligation in question, and further shall be liable for ensuring that the subcontractor(s) comply with all obligations arising under this Agreement as if the subcontractor(s) was/were the Contractor itself. Further, should Contractor request to assign the performance of any obligation arising hereunder to a subcontractor, Contractor expressly provides its consent to the City contracting directly with such proposed subcontractor (or another subcontractor acceptable to the City) for the performance of such work, and to the amendment of this Agreement to reduce the scope and cost accordingly.

Nothing contained in this Agreement, nor the performance of the parties hereunder, is intended to benefit, nor shall it inure to the benefit of any third party.

O. Progress Reports:



Contractor shall report to the City Manager or her designee, and shall submit written progress reports identifying, in detail, the extent of work completed, the percentage of project completion, and project status, accompanying any invoice submitted to the City. Contractor shall also provide additional written or verbal progress reports to the City upon request, at any time, without additional charge. The Contractor shall attend conferences and visit the site of the work as may be outlined in the Request for Proposal and at any reasonable time when requested to do so by the City, at no additional charge.

P. Conflicts:

Contractor may continue to represent or undertake to represent existing or new clients in those matters that are not substantially related to Contractor's work for the City, even if the interests of such clients in those matters are directly adverse to City. Contractor agrees however that the City's prospective consent to conflicting representation contained in this paragraph shall not apply in any instance where, as a result of Contractor's representation of the City, Contractor has obtained sensitive proprietary or other confidential information of a non-public nature that, if known to any such other client of Contractor, could be used in any such other matter by such client to the material disadvantage of the City. Contractor and the City covenant to work in good faith to identify any current or prospective conflicts, and to negotiate in good faith to resolve or waive such conflicts, or to limit or terminate services under this Agreement so as to avoid such conflicts.

Q. Inspections or Observation:

Where services provided herein relate to the inspection or observation of items or projects constructed by third parties on behalf of the City, whether with respect to the compliance of those items with applicable codes or its acceptable construction as a public or private improvement, the Contractor shall not serve as a guarantor of any third party, public or worker safety. The Parties acknowledge that the Contractor shall have a duty to identify defects or non-compliance with applicable standards and to report such information to the City, and where such defects or non-compliance require immediate remediation, to make such report immediately upon observation of the condition. Such duty shall also extend to properly documenting the observed condition whether through report, photography, video or other medium. However, the Contractor shall not be responsible for the means, method or sequence of work that any third party employs, nor for review or recommendation of applicable workplace safety rules, regulations or suggestions. The Parties expressly disclaim the existence of any third party beneficiary from the Contractor's services hereunder (where relating to inspection or observation as defined herein), it being recognized that the services contemplated herein require reporting of information to the City as the client of Contractor, and not to any other party.

Agreed to this 11th ^{February} day of 2019.

City of DeKalb

Contractor


City Mayor/Manager


BRANCH MANAGER



[Handwritten signature]



Exhibit A:

Description of Work



FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

January 14, 2019

Mr. Tim Holdeman
Public Works Director
City of DeKalb
1216 Market Street
DeKalb, IL 60115

**Re: Proposal for Professional Engineering Services
City of DeKalb 2019 Streets Program**

Dear Mr. Holdeman,

Thank you for considering Fehr Graham for your professional engineering needs. We are appreciative to continue our efforts from 2018 and provide the City with professional engineering services for the DeKalb 2019 Streets program. We understand that the City's 2019 Streets program will include the following:

- **Resurfacing of the following streets:**

First Street	Dresser	Stoney Creek
Johanne Ln/Ilehamwood	First St	Golf View
Manning Drive	Fourth St	Cul-de-sac
Wineberry Overlay	Cutler Dr	Cul-de-sac

- ADA ramp reconstruction at various intersections and crossings
- Various and strategic sidewalk replacements throughout the City

Fehr Graham is pleased to provide you with this proposal for the engineering services required for this project as listed below.

Scope of Services

Preliminary Engineering shall include:

- Topographic Surveys and design engineering for ADA ramp construction
- Preparation of complete general and detailed special provisions, proposals, and estimates of cost;
- Assist the City in the solicitation, receipt and evaluation of construction bids and the awarding of the construction contract.

Construction Engineering shall include:

- Furnishing the engineering field observation of the work and the contractor's operations for compliance with the specifications as construction proceeds;
- Maintain a daily record of the contractor's activities throughout construction including sufficient information to permit the verification of the nature and cost of changes in plans and authorized extra work;

- o Preparation and submission of partial and final payment estimates, change orders, records, and other reports/correspondence as requested by the City of DeKalb

Materials Testing shall include:

- o Pavement coring for design plans
- o HMA Density Testing for new roadway surface
- o Concrete Air, Slump, and Compression Tests for new ADA ramp installations

Exclusions

The following items are not included in the scope of services proposed here:

- Deep Soil Borings
- Boundary/ROW Surveys
- Traffic Studies
- Environmental Assessments & Studies
- Archeologic Surveys
- Design of roadway widening improvements (i.e. improvements beyond General Maintenance activities)
- NPDES erosion control inspections

Schedule

Fehr Graham can initiate this project immediately upon receipt of formal authorization to proceed.

Fees

Based upon the information available at this time, we are prepared to complete the scope of work on a time and materials basis as detailed above in accordance with the following schedule of fees:

<i>Preliminary Engineering</i>	<i>\$18,067</i>
<i>Construction Engineering</i>	<i>\$114,873</i>
<i>Materials Testing (TSC)</i>	<i><u>\$25,000</u></i>
<i>Total</i>	<i>\$157,940</i>
	<i>(NOT TO EXCEED \$165,000 without written approval from the City)</i>

The construction engineering fee is estimated considering construction activities commencing for 50 working days. Additional days worked by the contractor requiring our services beyond 50 days may result in additional fees (approximately \$900 per day for full time, construction observation services).

Subconsultant invoices (i.e. TSC, Materials Testing) will be marked up 15% for administrative and management costs. Services rendered will be invoiced on a monthly basis until completion of the project.

City of DeKalb
Mr. Tim Holdeman
January 14, 2019
Page 3

Authorization

I trust that the information we have provided is in line with your expectations. If you would like for us to proceed with this project, please execute the attached Agreement for Professional Services and return a copy to my attention.

Fehr Graham is willing to commit the necessary resources to this project to provide timely and competent solutions to assure that this project moves forward. We are looking forward to working with the City of Morrison on this project. If you have any questions or need anything further, please let me know.

Respectfully submitted,



Jason T. Stoll, PE
Branch Manager

C: Mr. Brian Faivre, Assistant Public Works Director
Mr. Zac Gil, City Engineer

Enc: Contractor Agreement Form
Manhour Project Worksheet
Fehr Graham Schedule of Rates, 2019

JTS:emm

N:\Proposals\2018\Jason Stoll\City of DeKalb RFP 2019 thru 2021 Streets\Fee Proposal\2019-DeKalbStreets19-2019-01-12.docx

City of DeKalb
2019 Streets Program

TASK	Partner (NC)	PM (JS)	Project Engineer (HW)	Resident Engineer (RM)	Graduate Engineer (AT)	Engineering Tech (YJ)	Project Administrator (BM)	Project Assistant (EM)	TOTAL TASK COST
Preliminary Engineering:									
Topographic Survey for ADA Ramps			2	10					\$ 1,230.00
ADA Ramp Design			2		16	8			\$ 2,264.00
Preparation of Bid Documents		1	2				25		\$ 2,928.00
Preparation of Special Provisions		1	4				4		\$ 1,129.00
Item List & Estimates of Cost		1	8			4			\$ 1,621.00
Preparation of Exhibits/Plan Sheets		1	2			10			\$ 1,273.00
Verify Plan Quantities for HMA Paving		1	2		10				\$ 1,283.00
Verify Limits of Patching & Preparation of Schedule		1	2		5				\$ 868.00
Verify Limits of Sidewalk R&R & Preparation of Schedule		1	2		5				\$ 868.00
Design JULIE					2	4	1		\$ 593.00
Solicitation of Bids		1	1		2		2	1	\$ 744.00
Bid Opening & Preparation of Tabulation of Bids		1	4		1			2	\$ 950.00
Recommendation Letter							1		\$ 99.00
Execution of Contract Documents		1					16		\$ 1,757.00
QA/QC	2								\$ 460.00
									\$ 18,067.00
Construction Engineering:									
Pre-Construction Meeting		4		4	4				\$ 1,404.00
Full-Time Construction Observation (50 Working Days)		6	50	500	200				\$ 72,138.00
Daily Reports & Quantities				120					\$ 11,400.00
Pay Estimates				8			80		\$ 8,680.00
Punchlist & Closeout Documents				80					\$ 7,600.00
Record Drawings, Final Close Out Documents		2		40	10	25			\$ 7,026.00
Project Administration & Coordination	10	25							\$ 6,625.00
									\$ 114,873.00
Total Hours	12	47	81	762	255	51	129	3	1337
Billing Rate Direct Wages	\$ 230	\$ 173	\$ 140	\$ 95	\$ 83	\$ 82	\$ 99	\$ 67	\$ 132,940.00
Costs	\$ 2,760.00	\$ 8,131.00	\$ 11,340.00	\$ 72,390.00	\$ 21,165.00	\$ 4,182.00	\$ 12,771.00	\$ 201.00	\$ 132,940.00
Total Estimated Cost (Labor)	\$ 132,940.00								
Expenses (TSC Materials Testing)	\$ 25,000.00								
Total Proposed Fee	\$ 157,940.00								

Includes 10% Markup on TSC Materials Testing Services

Total Fee \$ 157,940.00

11.3%

Construction Estimate

\$1,400,000.00

Exhibit B:

Fee Schedule



FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

2019 Personnel Chargeout Rates

Principal	\$190 - 230
Sr. Project Manager	\$140 - 210
Project Manager	\$110 - 200
Engineering:	
Lead Structural Engineer	\$175 - 185
Structural Engineer	\$ 85 - 150
Sr. Project Engineer	\$120 - 165
Project Engineer	\$100 - 155
Staff Engineer	\$ 90 - 110
Engineer	\$ 80 - 100
Designer	\$ 80 - 90
Sr. Engineering Technician	\$ 65 - 140
Associate Engineering Technician	\$ 55 - 110
Engineering Technician	\$ 45 - 105
Landscape Architect	\$ 70 - 90
GIS Specialist	\$ 75 - 85
Surveying:	
Survey Manager	\$160 - 170
Land Surveyor	\$100 - 150
Survey Crew Chief	\$ 85 - 105
Surveyor	\$ 80 - 90
Survey Technician	\$ 50 - 70
Environmental, Health, & Safety:	
Sr. EHS Scientist	\$140 - 150
Sr. EHS Specialist	\$110 - 150
EHS Scientist	\$ 90 - 110
EHS Specialist	\$ 60 - 100
EHS Technician	\$ 60 - 100
Project Hydrogeologist	\$ 90 - 100
Geologist	\$ 70 - 90
Hydrogeologist	\$ 60 - 80
I.T. Consultant	\$ 70 - 135
Grant Writer / Community Development Specialist	\$ 85 - 100
Project Coordinator	\$165 - 175
Project Administrator	\$ 70 - 100
Project Assistant	\$ 67

Charges for expert testimony will be at a rate 1.5 times the standard hourly rate. Minimum 4 hours. Overtime hours charged at standard rates when Fehr Graham controls scheduling.
Reimbursable Direct Expenses will be charged at invoice cost + 15%.

Exhibit C:

Insurance Requirements:

1. All Contractors and All Contracts.

Contractor shall provide any and all insurance required under any applicable law, regulation, statute or ordinance, including but not limited to workers' compensation insurance, unemployment insurance, automobile liability insurance and other legally required insurance. Contractor shall produce a certificate evidencing current coverage, upon request from the City. Contractor shall indemnify and hold harmless the City from any and all liability, damage, cost or expense which the City may incur or be liable to pay as a result of any and all accidental injuries or damages suffered by the Consultant or its employees (in addition to any other required indemnification or insurance from Consultant).

2. Certificates and General Conditions:

Unless otherwise indicated herein, any certificate of insurance shall further indicate that the City is additional *primary* insured on such policy of insurance, shall indicate that such policies shall not have any right of subrogation against the City or the City's insurers, and shall indicate that said policy shall not be cancelled or revoked except after the provision of not less than thirty (30) days notice to the City. Any insurance maintained by the City shall be excess to such coverage provided by Contractor. Contractor shall maintain said policy in full force and effect for the duration of this Agreement, and shall periodically provide updated certificates of insurance to evidence continuing coverage in compliance herewith. For purposes of this Agreement and insurance provided hereunder, the "City" shall include the City of DeKalb, its employees, appointed and elected officers, its committees, its attorneys, and all corporate bodies that exist as a subsidiary to the City. Additional insured status shall be demonstrated with coverage equal to or greater than the ISO CG 20 10 form endorsement and shall provide coverage for bodily injury, property damage or other claims or damages caused in whole or in part by the acts or omissions of the Contractor and/or the City (as defined herein). Coverage shall be applicable both to ongoing and completed operations. The requirements applicable herein shall apply to the Contractor's underlying insurance policy (i.e. the certificate of insurance shall evidence coverage compliant with these terms on the Contractor's insurance policy, and the City shall be named as additional primary insured on such policy).

3. Comprehensive General Liability Coverage Requirements.

Unless this Section 3 of Exhibit B is clearly marked out as being inapplicable, Contractor shall also be required to provide the City with a Certificate of Insurance, in a form and from an issuer acceptable to the City, indicating that the Contractor has obtained and maintains comprehensive general liability insurance with policy limits of not less than One Million Dollars (\$1,000,000.00) per person / Two Million Dollars (\$2,000,000.00) per occurrence.

4. Automobile Insurance Coverage:

Unless this Section 4 of Exhibit B is clearly marked out as being inapplicable, Contractor shall also be required to provide the City with a Certificate of Insurance, in a form and from an issuer acceptable to the City, indicating that the Contractor has obtained and maintains comprehensive automobile liability insurance with policy limits of not less than One Million Dollars (\$1,000,000.00) per person / Two Million Dollars (\$2,000,000.00) per occurrence.

5. Professional Liability Insurance Coverage / Errors & Omissions Insurance Coverage:

Unless one or more subsections of this Section 5 of Exhibit B is clearly marked out as being in applicable:



A. Professional Liability / Malpractice: Contractor shall also be required to provide the City with a Certificate of Insurance, in a form and from an issuer acceptable to the City, indicating that the Contractor has obtained and maintains professional liability or malpractice insurance with policy limits of not less than One Million Dollars (\$1,000,000.00) per person / per occurrence. Said policy need not identify the City as additional primary insured.

B. Errors & Omissions Insurance Coverage: Contractor shall also be required to provide the City with a Certificate of Insurance, in a form and from an issuer acceptable to the City, indicating that the Contractor has obtained and maintains errors & omissions insurance with policy limits of not less than One Million Dollars (\$1,000,000.00) per person / per occurrence. Said policy need not identify the City as additional primary insured.

6. Indemnification.

The policy limits, availability or inavailability of insurance coverage or the applicability of claims, defenses or limitations based upon applicable law (including but not limited to the Illinois Worker's Compensation Act or similar laws or statutes) shall in no way limit the Contractor's obligation to indemnify and hold harmless the City from any claims for damage, liabilities or other costs arising out of or relating to the Contractor's work or this Agreement.

7. Additional Insurance Requirements.

Contractor shall also be required to provide the following insurance:





CERTIFICATE OF LIABILITY INSURANCE

Page 1 of 1

DATE (MM/DD/YYYY)
09/25/2018

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

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

PRODUCER
Willis of Illinois, Inc.
c/o 26 Century Blvd
P.O. Box 305191
Nashville, TN 37205191 USA

CONTACT NAME:
PHONE (A/C, No, Ext): 1-877-945-7378 **FAX (A/C, No):** 1-888-467-2378
E-MAIL: certificates@willis.com
ADDRESS: certificates@willis.com

INSURED
Fehr-Graham & Associates LLC
221 E. Main Street, Suite 200
Freeport, IL 61032

INSURER(S) AFFORDING COVERAGE	NAIC#
INSURER A: Travelers Indemnity Company of America	25666
INSURER B: Charter Oak Fire Insurance Company	25615
INSURER C: Travelers Indemnity Company	25658
INSURER D: Travelers Property Casualty Company of Ame	25674
INSURER E: Continental Casualty Company	20443
INSURER F:	

COVERAGES**CERTIFICATE NUMBER:** W7928375**REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WYD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY					EACH OCCURRENCE \$ 2,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR					DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000
			6803L760620	09/15/2018	09/15/2019	MED EXP (Any one person) \$ 10,000
	GEN'L AGGREGATE LIMIT APPLIES PER:					PERSONAL & ADV INJURY \$ 2,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC					GENERAL AGGREGATE \$ 4,000,000
	OTHER:					PRODUCTS - COMP/OP AGG \$ 4,000,000
B	AUTOMOBILE LIABILITY					COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO					BODILY INJURY (Per person) \$
	<input type="checkbox"/> OWNED AUTOS ONLY		810-6A185070	09/15/2018	09/15/2019	BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS ONLY					PROPERTY DAMAGE (Per accident) \$
	<input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY					\$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB					EACH OCCURRENCE \$ 8,000,000
	<input checked="" type="checkbox"/> EXCESS LIAB		CUP-3L765928	09/17/2018	09/17/2019	AGGREGATE \$ 8,000,000
	<input type="checkbox"/> CLAIMS-MADE					\$
	DED RETENTION \$					
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY					<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	UB3L764090	09/15/2018	09/15/2019	E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below	Yes N/A				E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
						E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	Professional Liability		AER591922774	09/15/2018	09/15/2019	Per Claim \$2,000,000
						Aggregate \$4,000,000
						Retention-Per Claim \$100,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)**All officers are excluded under the Workers Compensation.****CERTIFICATE HOLDER**

City of DeKalb
200 S. Fourth St.
DeKalb, Illinois 60115

CANCELLATION

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

AUTHORIZED REPRESENTATIVE

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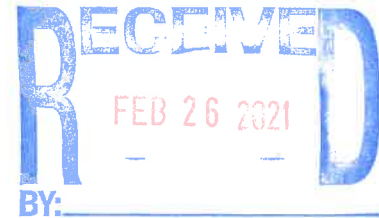
Illinois Department of Transportation

Office of Highways Project Implementation / Region 2 / District 3
700 East Norris Drive / Ottawa, Illinois 61350-1628

lv 2021-013
pt1

February 17, 2021

Ruth Scott, City Clerk
City of DeKalb
200 S. Fourth St.
DeKalb, IL 60115



Municipal - MFT
City of DeKalb
Section No. 21-00000-00-GM

Dear Ms. Scott:

The Contract Proposal was approved on February 17, 2021. This maintenance program is approved with the understanding that any claims for labor and equipment for day labor and routine maintenance will be on file and available for compliance review by Local Roads and Streets and for audit by the Bureau of Investigations and Compliance.

Bids are required for purchases of materials if the expenditures exceed \$25,000 during any maintenance period either (1) for the same type of materials, or (2) from any one vendor if the purchase includes the placement or incorporation of the materials.

Please be advised that ALL projects involving pavement alterations and/or replacement/repair of sidewalks shall have curb ramps that comply with the current Americans with Disabilities Act (ADA) Guidelines.

For Group IV items, the Contractor's Certificate of Eligibility must be submitted with the fully executed contract when prequalification was a bidding requirement.

One copy of the approved maintenance papers has been forwarded to Fehr Graham Engineering & Environmental .

Ruth Scott, City Clerk
Page Two
February 17, 2021

If you have any questions, please contact Dan Meagher at (815) 433-7088.

Sincerely,

Masood Ahmad, P.E.
Region Two Engineer



By: Steve Chery, MSCE, P.E.
Local Roads and Streets Engineer

cc: Brenda Metzger- Fehr Graham Engineering & Environmental
Mr. Zac Gill, City Engineer

BM:dcm/GMApr-Munic_DeKalb_21-00000-00-GM



COVER SHEET

Proposal Submitted By:

Contractor's Name

Contractor's Address

City

State

Zip Code

STATE OF ILLINOIS

Local Public Agency

County

Section Number

DeKalb

DeKalb

21-00000-00-GM

Route(s) (Street/Road Name)

Type of Funds

DeKalb Streets 2021

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

City Engineer

/ Zachary Gill

Department of Transportation

Released for bid based on limited review

Regional Engineer Signature

Date

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



Illinois Department of Transportation

Project Dekalb Streets 2021

Route 1st / Taylor

Section 21-00000-00-GM

County Dekalb

Estimate of Cost

Location of Improvement: 1st Street from Augusta Ave to Taylor Street, Taylor Street from 1st Street to Lion's Park


For a total distance of 1.31 Miles

Net improvement of 1.31 Miles

Type HMA Width Varies Thickness 4" & Varies
Shoulders N/A Average Haul N/A Maximum Grade %

Code Number	Item	Unit of Measure	Quantity	Unit Price	Total Cost
20101400	NITROGEN FERTILIZER NUTRIENT	LB	17	\$5.00	\$85.00
20101500	PHOSPHORUS FERTILIZER NUTRIENT	LB	17	\$5.00	\$85.00
20101600	POTASSIUM FERTILIZER NUTRIENT	LB	17	\$5.00	\$85.00
21101615	TOPSOIL FURNISH AND PLACE, 4"	SY	844	\$15.00	\$12,660.00
25000110	SEEDING, CLASS 1A	AC	0.2	\$25,000.00	\$5,000.00
25100630	EROSION CONTROL BLANKET	SY	844	\$3.00	\$2,532.00
28000500	INLET AND PIPE PROTECTION	EA	62	\$50.00	\$3,100.00
35800200	AGGREGATE BASE REPAIR	TN	565	\$30.00	\$16,950.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	LB	30585	\$0.05	\$1,529.25
40603085	HMA BINDER COURSE, IL-19.0, N70	TN	3376	\$72.00	\$243,072.00
40604000	HMA SURFACE COURSE, IL 9.5FG, MIX "C", N50	TN	508	\$75.00	\$38,100.00
40604050	HMA SURFACE COURSE, IL 9.5, MIX "C", N50	TN	1325	\$75.00	\$99,375.00
40604052	HMA SURFACE COURSE, IL 9.5, MIX "C", N70	TN	2025	\$75.00	\$151,875.00
42400200	PC CONCRETE SIDEWALK 5 INCH	SF	3900	\$10.00	\$39,000.00
42400800	DETECTABLE WARNINGS	SF	350	\$40.00	\$14,000.00
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SY	11650	\$3.00	\$34,950.00
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SY	23485	\$3.50	\$82,197.50
44000500	COMBINATION CURB AND GUTTER REMOVAL	FT	600	\$6.00	\$3,600.00
44000600	SIDEWALK REMOVAL	SF	3900	\$4.00	\$15,600.00
44201683	CLASS D PATCHES, TYPE III, 3 INCH	SY	878	\$20.00	\$17,560.00
60255500	MANHOLES TO BE ADJUSTED	EA	20	\$1,200.00	\$24,000.00
60260100	INLETS TO BE ADJUSTED	EA	16	\$500.00	\$8,000.00
60266600	VALVE BOXES TO BE ADJUSTED	EA	8	\$800.00	\$6,400.00
60603800	COMBINATION CC&G, TYPE B-6.12	FT	600	\$30.00	\$18,000.00
67100100	MOBILIZATION	LS	1	\$50,000.00	\$50,000.00
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	\$300.00	\$4,200.00
70300510	PVMT MARKING TAPE, TYPE III - L&S	SQ FT	200	\$20.00	\$4,000.00
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	4000	\$5.00	\$20,000.00
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	200	\$10.00	\$2,000.00
78000100	THERMOPLASTIC PVMT MARKINGS - L&S	SF	575	\$5.00	\$2,875.00
78000200	THERMOPLASTIC PAVEMENT MKG - LINE 4"	FT	22365	\$1.00	\$22,365.00
78000400	THERMOPLASTIC PAVEMENT MKG - LINE 6"	FT	1600	\$2.50	\$4,000.00

78000500	THERMOPLASTIC PAVEMENT MKG - LINE 8"	FT	530	\$3.00	\$1,590.00
78000650	THERMOPLASTIC PAVEMENT MKG - LINE 24"	FT	300	\$4.50	\$1,350.00
88600100	DETECTOR LOOP, TYPE 1	FT	480	\$100.00	\$48,000.00
X0100022	TILL, RESHAPE AND COMPACT ROADBED	SY	3600	\$8.00	\$28,800.00
X0326806	WASHOUT BASIN	EA	1	\$500.00	\$500.00
X6025600	MANHOLES TO BE ADJUSTED (SPECIAL)	EA	21	\$1,500.00	\$31,500.00
X6026051	SANITARY MANHOLE TO BE RECONSTRUCTED	EA	14	\$5,600.00	\$78,400.00
X7010216	TRAFFIC CONTROL AND PROT (SPECIAL)	LS	1	\$40,000.00	\$40,000.00
Z0004005	FIBER ASPHALT	LB	3040	\$10.00	\$30,400.00
Z0033700	LONGITUDINAL JOINT SEALANT, 18" BAND	FT	10915	\$3.00	\$32,745.00
Z0048665	RAILROAD PROTECTION LIABILITY INSURANCE	LS	1	\$15,000.00	\$15,000.00
TOTAL ESTIMATED COST OF WORK INCLUDING ALL LABOR, MATERIALS AND PROFITS.					\$1,255,480.75

Made by Brock Sutton Date 2/16/2021 Examined _____, _____
Checked by  Date 2/16/21 _____ Regional Engineer



Illinois Department of Transportation

Project Dekalb Streets 2021

Route 7th Street

Section 21-00000-00-GM

County Dekalb

Estimate of Cost

Location of Improvement: 7th Street from Lincoln Highway to Franklin Street

For a total distance of 775 Feet

Net improvement of 775 Feet

Type HMA Width 28' & Varies

Thickness 4"

Shoulders N/A Average Haul N/A

Maximum Grade %

Code Number	Item	Unit of Measure	Quantity	Unit Price	Total Cost
28000500	INLET AND PIPE PROTECTION	EA	11	\$50.00	\$550.00
35800200	AGGREGATE BASE REPAIR	TN	170	\$30.00	\$5,100.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	LB	4610	\$0.05	\$230.50
40603085	HMA BINDER COURSE IL-19.0, N70	TN	450	\$72.00	\$32,400.00
40604052	HMA SURFACE COURSE, IL-9.5, MIX "C", N70	TN	359	\$75.00	\$26,925.00
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SY	3566	\$3.50	\$12,481.00
44201683	CLASS D PATCHES, TYPE III, 3 INCH	SY	178	\$20.00	\$3,560.00
60255500	MANHOLES TO BE ADJUSTED	EA	9	\$1,200.00	\$10,800.00
60260100	INLETS TO BE ADJUSTED	EA	5	\$500.00	\$2,500.00
60266600	VALVE BOXES TO BE ADJUSTED	EA	4	\$800.00	\$3,200.00
67100100	MOBILIZATION	LS	1	\$3,500.00	\$3,500.00
78000100	THERMOPLASTIC PAVEMENT MKG - L&S	SF	30	\$5.00	\$150.00
78000200	THERMOPLASTIC PAVEMENT MKG - LINE 4"	FT	2210	\$1.00	\$2,210.00
78000400	THERMOPLASTIC PAVEMENT MKG- LINE 6"	FT	732	\$2.50	\$1,830.00
78000500	THERMOPLASTIC PAVEMENT MKG - LINE 8"	FT	93	\$3.00	\$279.00
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE	FT	210	\$4.50	\$945.00
88600100	DETECTOR LOOP, TYPE 1	FT	80	\$100.00	\$8,000.00
X6025600	MANHOLES TO BE ADJUSTED (SPECIAL)	EA	4	\$1,500.00	\$6,000.00
X6026051	SANITARY MANHOLE TO BE RECONSTRUCTED	EA	4	\$5,600.00	\$22,400.00
X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	LS	1	\$5,000.00	\$5,000.00
Z0004005	FIBER ASPHALT	LB	359	\$10.00	\$3,590.00
TOTAL ESTIMATED COST OF WORK INCLUDING ALL LABOR, MATERIALS AND PROFITS.					\$151,650.50

Made by Brock Sutton

Date 2/16/2021

Examined _____ , _____

Checked by [Signature]

Date 2/16/21

Regional Engineer



Illinois Department of Transportation

Project Dekalb Streets 2021

Route 6th Street

Section 21-00000-00-GM

County Dekalb

Estimate of Cost

Location of Improvement: 6th Street from Roosevelt Street to Grove Street

For a total distance of 1535 Feet

Net improvement of 1535 Feet

Type HMA

Width 28' & Varies

Thickness 2.25"

Shoulders N/A

Average Haul N/A

Maximum Grade %

Code Number	Item	Unit of Measure	Quantity	Unit Price	Total Cost
20101400	NITROGEN FERTILIZER NUTRIENT	LB	9	\$5.00	\$45.00
20101500	PHOSPHORUS FERTILIZER NUTRIENT	LB	9	\$5.00	\$45.00
20101600	POTASSIUM FERTILIZER NUTRIENT	LB	9	\$5.00	\$45.00
21101615	TOPSOIL FURNISH AND PLACE, 4"	SY	484	\$15.00	\$7,260.00
25000110	SEEDING, CLASS 1A	AC	0	\$25,000.00	\$2,500.00
25100630	EROSION CONTROL BLANKET	SY	484	\$3.00	\$1,452.00
28000500	INLET AND PIPE PROTECTION	EA	11	\$50.00	\$550.00
35800200	AGGREGATE BASE REPAIR	TN	170	\$30.00	\$5,100.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	LB	4626	\$0.05	\$231.30
40604000	HMA SURFACE COURSE, IL 9.5FG, MIX "C", N50	TN	222	\$75.00	\$16,650.00
40604050	HMA SURFACE COURSE, IL 9.5, MIX "C", N50	TN	443	\$75.00	\$33,225.00
42400200	PC CONCRETE SIDEWALK 5 INCH	SF	800	\$10.00	\$8,000.00
42400800	DETECTABLE WARNINGS	SF	170	\$40.00	\$6,800.00
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SY	5141	\$3.00	\$15,423.00
44000500	COMBINATION CURB AND GUTTER REMOVAL	FT	300	\$6.00	\$1,800.00
44000600	SIDEWALK REMOVAL	SF	800	\$4.00	\$3,200.00
44201683	CLASS D PATCHES, TYPE III, 3 INCH	SY	125	\$20.00	\$2,500.00
60255500	MANHOLES TO BE ADJUSTED	EA	8	\$1,200.00	\$9,600.00
60260100	INLETS TO BE ADJUSTED	EA	1	\$500.00	\$500.00
60266600	VALVE BOXES TO BE ADJUSTED	EA	4	\$800.00	\$3,200.00
60603800	COMBINATION CONCRETE CURB AND GUTTER	FT	300	\$30.00	\$9,000.00
67100100	MOBILIZATION	LS	1	\$3,500.00	\$3,500.00
78000400	THERMOPLASTIC PAVEMENT MKG - LINE 6"	FT	784	\$2.50	\$1,960.00
78000650	THERMOPLASTIC PAVEMENT MKG- LINE 24"	FT	150	\$4.50	\$675.00
X6025600	MANHOLES TO BE ADJUSTED (SPECIAL)	EA	2	\$1,500.00	\$3,000.00
X6026051	SANITARY MANHOLE TO BE RECONSTRUCTED	EA	3	\$5,600.00	\$16,800.00
X7010216	TRAFFIC CONTROL AND PROT (SPECIAL)	LS	1	\$5,000.00	\$5,000.00
Z0004005	FIBER ASPHALT	LB	443	\$10.00	\$4,430.00
TOTAL ESTIMATED COST OF WORK INCLUDING ALL LABOR, MATERIALS AND PROFITS.					\$162,491.30

Made by Brock Sutton

Date 2/16/2021

Examined _____

Checked by JS

Date 2/16/2021

Regional Engineer

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
DeKalb	DeKalb	21-00000-00-GM	DeKalb Streets 2021

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of City Engineer, City of DeKalb,

1216 Market Street, DeKalb, IL 60115 until 11:00 AM on 03/11/21
 Address Time Date

Sealed proposals will be opened and read publicly at the office of City Engineer, City of DeKalb

1216 Market Street, DeKalb, IL 60115 at 11:00 AM on 03/11/21
 Address Time Date

DESCRIPTION OF WORK

Location	Project Length
DeKalb Streets 2021	9,240

Proposed Improvement

BASE BID: This project includes various streets throughout the City of DeKalb. The main routes of this project are Taylor Street from the Lions Park Entrance to South 1st Street, South 1st Street from Taylor Street to Lincoln Highway, and North 1st Street from Lincoln Highway to Augusta Avenue. Improvements include HMA pavement removal / replacement, concrete sidewalk and curb removal / replacement, and ADA ramp installations. Various Alley improvements will be determined by the City Engineer.

ALTERNATE BID #1: The mandatory alternate bid includes South 7th Street from Franklin Street to Lincoln Highway in DeKalb IL. Improvements include HMA pavement removal / replacement, sanitary manhole reconstructions, and thermoplastic striping.

ALTERNATE BID #2

The mandatory alternate bid includes South 6th Street from Roosevelt Street to Grove Street in DeKalb, IL. Improvements include HMA pavement removal / replacement, concrete sidewalk and curb removal / replacement, thermoplastic striping, and ADA ramp installations.

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

Fehr Graham, 515 Lincoln Highway, Rochelle, IL 61068 for a non-refundable fee of \$100. Also available electronically at www.fehr-graham.com for a non-refundable fee of \$25.

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:

- Local Public Agency Formal Contract Proposal (BLR 12200)
- Schedule of Prices (BLR 12201)
- Proposal Bid Bond (BLR 12230) (if applicable)
- Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
- 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.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
DeKalb	DeKalb	21-00000-00-GM	DeKalb Streets 2021

PROPOSAL

1. Proposal of _____

Contractor's Name

Contractor's Address
2. The plans for the proposed work are those prepared by Fehr Graham
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 _____ working days or by 09/15/21 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: City Treasurer of City of DeKalb
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 _____.

Local Public Agency

DeKalb

County

DeKalb

Section Number

21-00000-00-GM

Route(s) (Street/Road Name)

DeKalb Streets 2021

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 or Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent 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 of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
4. **Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.



Schedule of Prices



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

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
20101400	NITROGEN FERT NUTR	POUND	17.00		\$0.00
20101500	PHOSPHORUS FERT NUTR	POUND	17.00		\$0.00
20101600	POTASSIUM FERT NUTR	POUND	17.00		\$0.00
21101615	TOPSOIL F & P 4	SQ YD	844.00		\$0.00
25000110	SEEDING CL 1A	ACRE	0.20		\$0.00
25100630	EROSION CONTR BLANKET	SY YD	844.00		\$0.00
28000500	INLET & PIPE PROTECT	EACH	62.00		\$0.00
35800200	AGG BASE REPAIR	TON	565.00		\$0.00
40600290	BIT MATLS TACK CT	POUND	30585.00		\$0.00
40603085	HMA BC IL-19.0 C N70	TON	3376.00		\$0.00
40604000	HMA SC IL-9.5FG C N50	TON	508.00		\$0.00
40604050	HMA SC IL-9.5 C N50	TON	1325.00		\$0.00
40604052	HMA SC IL-9.5 C N70	TON	2025.00		\$0.00
42400200	PC CONC SIDEWALK 5	SQ FT	3900.00		\$0.00
42400800	DETECTABLE WARNINGS	SQ FT	350.00		\$0.00
44000157	HMA SURF REM 2	SQ YD	11650.00		\$0.00
44000165	HMA SURF REM 4	SQ YD	23485.00		\$0.00
44000500	COMB CURB GUTTER REM	FOOT	600.00		\$0.00
44000600	SIDEWALK REM	SQ FT	3900.00		\$0.00
44201683	CL D PATCH T3 3	SQ YD	878.00		\$0.00
60255500	MAN ADJUST	EACH	20.00		\$0.00
60260100	INLET ADJUST	EACH	16.00		\$0.00
60266600	VALVE BOX ADJUST	EACH	8.00		\$0.00
60603800	COMB CC&G TB6.12	FOOT	600.00		\$0.00
67100100	MOBILIZATION	L SUM	1.00		\$0.00

Local Public Agency		County	Section Number		Route(s) (Street/Road Name)
DeKalb		DeKalb	21-00000-00-GM		DeKalb Streets 2021 - 1s
Item Number	Items	Unit	Quantity	Unit Price	Total
70107025	CHANGEABLE MESSAGE SN	CAL DA	14.00		\$0.00
70300510	PAVT MARK TAPE T3 L&S	SQ FT	200.00		\$0.00
70300520	PAVT MARK TAPE T3 4	FOOT	4000.00		\$0.00
70300570	PAVT MARK TAPE T3 24	FOOT	200.00		\$0.00
78000100	THPL PVT MK LTR & SYM	SQ FT	575.00		\$0.00
78000200	THPL PVT MK LINE 4	FOOT	22365.00		\$0.00
78000400	THPL PVT MK LINE 6	FOOT	1600.00		\$0.00
78000500	THPL PVT MK LINE 8	FOOT	530.00		\$0.00
78000650	THPL PVT MK LINE 24	FOOT	300.00		\$0.00
88600100	DET LOOP T1	FOOT	480.00		\$0.00
X0100022	TILL RESHAPE & C RB	SQ YD	3600.00		\$0.00
X0326806	WASHOUT BASIN	EACH	1.00		\$0.00
X6025600	MAN ADJUST SPL	EACH	21.00		\$0.00
X6026051	SAN MAN RECONST	EACH	14.00		\$0.00
X7010216	TRAF CONT & PROT SPL	L SUM	1.00		\$0.00
Z0004005	FIBER ASPHALT	POUND	3040.00		\$0.00
Z0033700	LONG JOINT SEALANT	FOOT	10915.00		\$0.00
Z0048665	RR PROT LIABILITY INS	L SUM	1.00		\$0.00
Bidder's Total Proposal					\$0.00

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.



Schedule of Prices



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

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
28000500	INLET & PIPE PROTECT	EACH	11.00		\$0.00
35800200	AGG BASE REPAIR	TON	170.00		\$0.00
40600290	BIT MATLS TACK CT	POUND	4610.00		\$0.00
40603085	HMA BC IL-19.0 N70	TON	450.00		\$0.00
40604052	HMA SC IL-9.5 C N70	TON	359.00		\$0.00
44000165	HMA SURF REM 4	SQ YD	3566.00		\$0.00
44200050	CL D PATCH T3 3	SQ YD	178.00		\$0.00
60255500	MAN ADJUST	EACH	9.00		\$0.00
60260100	INLET ADJUST	EACH	5.00		\$0.00
60266600	VALVE BOX ADJUST	EACH	4.00		\$0.00
67100100	MOBILIZATION	L SUM	1.00		\$0.00
78000100	THPL PVT MK LTR & SYM	SQ FT	30.00		\$0.00
78000200	THPL PVT MK LINE 4	FOOT	2210.00		\$0.00
78000400	THPL PVT MK LINE 6	FOOT	732.00		\$0.00
78000500	THPL PVT MK LINE 8	FOOT	93.00		\$0.00
78000650	THPL PVT MK LINE 24	FOOT	210.00		\$0.00
88600100	DET LOOP T1	FOOT	80.00		\$0.00
X6025600	MAN ADJ SPL	EACH	4.00		\$0.00
X6026051	SAN MAN RECONST	EACH	4.00		\$0.00
X7010216	TRAF CONT & PROT SPL	L SUM	1.00		\$0.00
Z0004005	FIBER ASPHALT	POUND	359.00		\$0.00
Bidder's Total Proposal					\$0.00

1. Each pay item should have a unit price and a total price.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
DeKalb	DeKalb	21-00000-00-GM	DeKalb Streets 2021 - 7t

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.



Contractor's Name

Contractor's Address

City

State

Zip Code

Local Public Agency

County

Section Number

Route(s) (Street/Road Name)

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
20101400	NITROGEN FERT NUTR	POUND	9.00		\$0.00
20101500	PHOSPHORUS FERT NUTR	POUND	9.00		\$0.00
20101600	POTASSIUM FERT NUTR	POUND	9.00		\$0.00
21101615	TOPSOIL F & P 4	SQ YD	484.00		\$0.00
25000110	SEEDING CL 1A	ACRE	0.10		\$0.00
25100630	EROSION CONTR BLANKET	SY YD	484.00		\$0.00
28000500	INLET & PIPE PROTECT	EACH	11.00		\$0.00
35800200	AGG BASE REPAIR	TON	170.00		\$0.00
40600290	BIT MATLS TACK CT	POUND	4626.00		\$0.00
40604000	HMA SC IL-9.5FG C N50	TON	222.00		\$0.00
40604050	HMA SC IL-9.5 C N50	TON	443.00		\$0.00
42400200	PC CONC SIDEWALK 5	SQ FT	800.00		\$0.00
42400800	DETECTABLE WARNINGS	SQ FT	170.00		\$0.00
44000157	HMA SURF REM 2	SQ YD	5141.00		\$0.00
44000500	COMB CURB GUTTER REM	FOOT	300.00		\$0.00
44000600	SIDEWALK REM	SQ FT	800.00		\$0.00
44201683	CL D PATCH T3 3	SQ YD	125.00		\$0.00
60255500	MAN ADJUST	EACH	8.00		\$0.00
60260100	INLET ADJUST	EACH	1.00		\$0.00
60266600	VALVE BOX ADJUST	EACH	4.00		\$0.00
60603800	COMB CC&G TB6.12	FOOT	300.00		\$0.00
671001000	MOBILIZATION	L SUM	1.00		\$0.00
78000400	THPL PVT MK LINE 6	FOOT	784.00		\$0.00
78000650	THPL PVT MK LINE 24	FOOT	150.00		\$0.00
X6025600	MAN ADJ SPL	EACH	2.00		\$0.00

Local Public Agency		County		Section Number		Route(s) (Street/Road Name)
DeKalb		DeKalb		21-00000-00-GM		DeKalb Streets 2021 - 6t
Item Number	Items	Unit	Quantity	Unit Price	Total	
X6026051	SAN MAN RECONST	EACH	3.00		\$0.00	
X7010216	TRAF CONT & PROT SPL	L SUM	1.00		\$0.00	
Z0004005	FIBER ASPHALT	LB	443.00		\$0.00	
					Bidder's Total Proposal	
					\$0.00	

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)
DeKalb	DeKalb	21-00000-00-GM	DeKalb Streets 2021

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

Secretary

Treasurer

Attest:

Secretary



Local Public Agency	County	Section Number
DeKalb	DeKalb	21-00000-00-GM

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 _____ of _____ Day _____ Month and Year _____

Principal

Company Name	
Signature	Date
By: _____	_____
Title	

Company Name	
Signature	Date
By: _____	_____
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 of _____ Month and Year _____

(SEAL)

Notary Public Signature

Date commission expires _____

Local Public Agency

County

Section Number

DeKalb

DeKalb

21-00000-00-GM

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	Local Street/Road Name	County	Section Number
DeKalb	DeKalb Streets 2021	DeKalb	21-00000-00-GM

- THIS AGREEMENT, made and concluded the _____ day of _____ between the _____
of _____, known as the party of the first part, and _____
Local Public Agency Contractor
its successor, and assigns, known as the party of the second part.
- For and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring this contract, the party of the second part agrees with said party of the first part, at its own proper cost and expense, to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this contract.
- It is also understood and agreed that the LPA Formal Contract Proposal, Special Provisions, Affidavit of Illinois Business Office, Apprenticeship or Training Program Certification, and Contract Bond hereto attached, and the Plans for Section 21-00000-00-GM
Section Number
in DeKalb _____, approved by the Illinois Department of Transportation on _____, are essential
Local Public Agency Date
documents of this contract and are a part hereof.
- IN WITNESS WHEREOF, the said parties have executed this contract on the date above mentioned.

Attest: The _____ of _____
Local Public Agency Type Name of Local Public Agency

Clerk	Date

(SEAL)

Party of the First Part	Date
By:	

(If a Corporation)

Corporate Name

President, Party of the Second Part	Date
By:	

(SEAL)

(If a Limited Liability Corporation)

LLC Name

Manager or Authorized Member, Party of the Second Part
By:

(If a Partnership)

Partner	Date

Attest:

Secretary	Date

(SEAL)

Partner	Date

Partners doing Business under the firm name of
Party of the Second Part

--

(If an individual)

Party of the Second Part	Date



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DeKalb	DeKalb	DeKalb Streets 2021	21-00000-00-GM

Bond information to be returned to Local Public Agency at City Eng., City of DeKalb, 1216 Market St., DeKalb, IL 60115
Complete Address

We, _____
Contractor's Name and Address

a/an _____ organized under the laws of the State of _____ as PRINCIPAL, and
State

Surety Name and Address

as SURETY, are held and firmly bound unto the above Local Public Agency (thereafter referred to as "LPA") in the penal sum of

Dollars (_____) lawful money of the United States, to be paid to said LPA, the payment of which we bind ourselves, successors and assigns jointly to 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 has entered into a written contract with the LPA acting through its awarding authority for the construction of work on the above sections, which contract is hereby referred to and made a part hereof, as if written herein at length, and whereby the said Principal has promised and agreed to perform said work in accordance with the terms of said contract, and has promised to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery furnished to such Principal for the purpose of performing such work and has further agreed to pay all direct and indirect damages to any person, firm, company or corporation to whom any money may be due from the Principal, subcontractor or otherwise for any such labor, materials, apparatus, fixtures or machinery so furnished and that suit may be maintained on such bond by any such person, firm, company or corporation for the recovery of any such money.

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

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

PRINCIPAL

Company Name

By
Signature & Title Date

Attest
Signature & Title Date

Company Name

By
Signature & Title Date

Attest
Signature & Title Date

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

STATE OF IL
COUNTY OF _____

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

Insert name of Individuals signing on behalf of PRINCIPAL

who is/are each personally known to me to be the same person(s) whose name(s) is/are subscribed to the foregoing instrument on behalf of PRINCIPAL, appeared before me this day in person and acknowledged respectively, that he/she/they signed and delivered said instrument freely and voluntarily for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____
Day Month, Year

(SEAL)

Notary Public Signature

Date commission expires _____

SURETY

Name of Surety

Title

By:

STATE OF IL
COUNTY OF _____

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

Insert name of Individuals signing on behalf of PRINCIPAL

who is/are each personally known to me to be the same person(s) whose name(s) is/are subscribed to the foregoing instrument on behalf of SURETY, appeared before me this day in person and acknowledged respectively, that he/she/they signed and delivered said instrument freely and voluntarily for the uses and purposes therein set forth.

Given under my hand and notarial seal this _____ day of _____
Day Month, Year

(SEAL)

Notary Public Signature

Date commission expires _____

Approved this _____ day of _____
Day Month, Year

Attest:

Local Public Agency Clerk Signature

Date

Awarding Authority

DeKalb

Awarding Authority Signature

Date

Municipality

Clerk

Local Public Agency Type



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



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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
<div></div>	<div></div>	<div></div>
Title		
<div></div>		
Address	City	State Zip Code
<div></div>	<div></div>	<div></div>



Local Public Agency	County	Street Name/Road Name	Section Number
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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

(SEAL)

Signature of Notary Public

My commission expires _____

INDEX FOR SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2021

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

ERRATA Standard Specifications for Road and Bridge Construction
(Adopted 4-1-16) (Revised 1-1-21)

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

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

Local Roads And Streets Recurring Special Provisions

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The following Special Provision supplement the "Standard Specifications for Road and Bridge Construction", adopted

April 1, 2016

, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation of bids, and the Supplemental Specification and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of the above named section, and in case of conflict with any parts, or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

Herein after the terms "Owner", "City" or "Engineer" shall mean the City of DeKalb or its designated representative and the term "Contractor" shall mean the entity who proposes to perform the work herein described or its designated subcontractors.

SCOPE OF WORK

BASE BID

This project includes various streets throughout the City of DeKalb. The main routes of this project are Taylor Street from the Lions Park Entrance to South 1st Street, South 1st Street from Taylor Street to Lincoln Highway, and North 1st Street from Lincoln Highway to Augusta Avenue. Improvements include HMA pavement removal / replacement, concrete sidewalk and curb removal / replacement, and ADA ramp installations. Various Alley improvements will be determined by the City Engineer.

ALTERNATE BID #1

The mandatory alternate bid includes South 7th Street from Franklin Street to Lincoln Highway in DeKalb IL. Improvements include HMA pavement removal / replacement, sanitary manhole reconstructions, and thermoplastic striping.

ALTERNATE BID #2

The mandatory alternate bid includes South 6th Street from Roosevelt Street to Grove Street in DeKalb, IL. Improvements include HMA pavement removal / replacement, concrete sidewalk and curb removal / replacement, thermoplastic striping, and ADA ramp installations.

CONSTRUCTION INSPECTION

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

START / COMPLETION DATE

Work may begin on all streets on May 15, 2021. All work shall be completed no later than September 15th, 2021. Work shall initiate on North 1st Street, with work proceeding to the South towards Lincoln Highway.

CONSTRUCTION STAKING/LAYOUT

The Engineer will provide locations of project limits on each street prior to the start of construction. Limits will be painted "white".

Some construction layout will be provided for the contractor's reference, a benchmark will be provided at each ADA corner and limits marked out for removal. However, the contractor is responsible to complete the work as per the provided plans, details, and specifications. All work, especially ADA ramp construction, is to be completed to meet all local, state, and federal requirements related to the American's with Disabilities Act.

EXISTING UTILITIES AND DRAINAGE STRUCTURES LOCATIONS

The City of DeKalb does not guarantee the completeness or accuracy of the information shown on the plans (if applicable) and or specifications (where applicable) regarding location of existing utilities. The contractor shall make his own investigation to verify or determine the existence, nature and location of all utilities on the site that may interfere with construction before starting his operations. The Contractor shall report to the Engineer any omissions or differences in location from that shown on the plans. Care should be taken while working near these utilities to prevent their damage.

J.U.L.I.E.

The Contractor shall notify J.U.L.I.E. (1-800-892-0123) prior to construction so that each utility company can stake out any underground improvements that they have which may interfere with the proposed construction.

PREVAILING WAGE REQUIREMENTS

In accordance with the Public Act 94-0515, the Contractor shall be responsible for the following requirements:

Maintain records for three (3) years of all laborers or workers employed on this project including their name, address, phone number, social security number, classification, hourly wages paid in each pay period, and the number of hours worked each day.

Submit these records to the city clerk in either hard copy or electronically.

Certify in writing these records are true and accurate; that the rate paid is not less than the Applicable Prevailing Wage.

These records shall be made available for inspection by the Illinois Department of Labor on two (2) business days' notice.

The Contractor shall note that filing a false Certified Payroll is a class B misdemeanor.

MAINTENANCE OF TRAFFIC

The maintenance of traffic on the project shall be as follows:

701501-06 701606-10 701611-01 701701-10 701801-06 701901-08

Lane and road closures, the conveyance of thru and local traffic within, and around the construction zones shall be provided in accordance with the use of the above-referenced Highway Standards as directed by the Engineer. Except as otherwise provided herein, the Contractor shall provide at least one entrance/exit point to the commercial and residential properties at all times. The Contractor shall submit his/her proposed sequence of operations and any necessary revisions to attendant traffic control to the Engineer for approval before actual construction operations begin.

All traffic control devices and barricades throughout the project shall remain in place until the entire project location is substantially complete, or as otherwise directed by the Engineer. Any traffic control signage to remain in place longer than seven (7) days shall be post mounted.

Driveways:

Except where the plans expressly authorize temporary complete closures, the Contractor shall keep

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driveways open to local traffic by keeping at least half of the width of said driveway open or by providing access at a temporary location, as approved by the Engineer. The Contractor shall provide and maintain access to commercial and private properties abutting the roadway being improved in accordance with Article 107.09 of the Standard Specifications. Access to commercial property shall at no time be shut off completely except as expressly authorized in the plans or as directed by the Engineer.

Removing and Resetting Traffic Signs:

This work shall consist of the removal, relocation, and resetting of traffic signs which interfere with construction operations. This work shall also include the removal, relocation, and resetting of existing wood signs, delineators and other miscellaneous signs which interfere with construction operations. This work shall be performed in accordance with the applicable portions of Article 107.25 of the Standard Specifications and as directed by the Engineer. The Contractor shall remove, temporarily relocate and/or permanently reset existing signs which interfere with the construction operations. This work will not be paid for separately but shall be included in the contract lump sum price of TRAF CONT & PROT SPL. The Engineer will determine which signs will be removed, temporarily relocated and permanently reset.

Brooming Roadway:

All traffic lanes which are closed to through traffic during construction shall be broomed or swept free of all loose gravel or construction debris before the traffic lane is reopened to traffic. All roadway surface conditions shall be approved by the Engineer before they are opened to traffic. This work will not be paid for separately but shall be considered included in the Contractor's scope of work.

GENERAL NOTES

This project shall be constructed in accordance with the plans, specifications, and as detailed below:

Unless otherwise directed in the plans and specifications, at no time shall more than half of the street be under construction. This construction includes structure adjustments, reconstruction, any concrete work in or adjacent to the street, milling, paving, and operations.

The City of DeKalb requires all vendors to maintain a professional working environment at all times. Representatives of the general contractor (including all sub-contractors) are required to treat members of the general public, City of DeKalb employees/elected officials, and other agents of the City with the utmost respect and courtesy at all times. Profanity, intimidation, the use of racial or ethnic slurs, or any other harassment of the general public and representatives of DeKalb is strictly prohibited.

For each documented incident involving the behavior described above, a fine of \$1,500 will be assessed to the general contractor. Further, the employee or employees identified and involved in the incident shall be promptly removed and not allowed to return to work on the project

Cornfest 2021 is scheduled to take place in downtown DeKalb August 27th - August 29th, 2021. The City Engineer of DeKalb shall be consulted for direction of work beginning no later than August 13th, 2021 to coordinate construction efforts around Cornfest.

SAW CUTS

All saw cuts required by the project shall be considered incidental to the contract.

ITEM #35800200 AGGREGATE BASE REPAIR

This work shall consist of the removal and replacement of any areas of insufficient base course found after milling operations. Included in the quantity for this bid is five percent of the roadway. Areas will be

designated by the Engineer. Insufficient base course shall be identified by base thickness checks and proof rolling, as directed by the Engineer. The contractor shall notify the engineer 48 hours prior to any tests. Proof rolling shall be performed with a fully loaded six-wheeler. If the proof rolled material is deemed unsuitable, the unsuitable material shall be removed to the depth required for new aggregate base. The work shall include excavating and disposing of any surface mixes and base course, furnishing, placing, rolling, and blading 12" of Aggregate Base Course, Type B. The Aggregate Base Course shall include of 8" of CA-2 and 4" of CA-6 crushed limestone as well as the final base preparation for the HMA mixes. This work shall conform to sections 202, 351, 358, and 440 of the "Standard Specifications for Road and Bridge Construction" in Illinois, latest edition.

This work shall be paid for at the contract unit price per ton for AGGREGATE BASE REPAIR.

ITEM #42400100: PORTLAND CEMENT CONCRETE SIDEWALK 5"

This work consists of replacing segments of offset, broken or hazardous sidewalk at locations throughout the city in accordance with Section 424 of the Standard Specification and in accordance with the Illinois Accessibility Code Standards.

Any variable height edge treatments not exceeding 8 inches, including side curb, and back curb along ADA ramps, sidewalk, and landings will be paid for at the contract unit price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK 5'.

Sidewalk forms shall be constructed of full depth material and struck off along the top edge of the forms.

Removal of tree roots that are causing the sidewalk to heave, shall be considered incidental to this pay item.

No cure and seal compound shall be applied when the air temperature is below 40 degrees or is between 40 and 45 degrees and falling. All concrete poured after November 1 shall meet the requirements of Article 420.18 and Protective Coating shall meet the requirements of Section 1023.

Revise Article 424.08, Curb Ramps to include the following paragraph:

"Where the sidewalk abuts curb and gutter, the sidewalk shall be poured to full depth of the curb and gutter for minimum width of 12 inches. No. 4 rebar shall be drilled and epoxied into the curb to restrict the new sidewalk from settling. No expansion joint will be placed at the curb and gutter but shall be placed at the top of the ramp where it meets the main walk. All new concrete walk shall be pinned to existing walk."

Revise Article 424.10, Backfill to include the following paragraph:

"Restoration of disturbed lawn areas on all sides of the sidewalk shall be with a minimum 4" of and Class 1A seed mixture. All traffic control and barricades protecting unsafe areas shall stay in place until this process is completed. This work shall be done in accordance with Section 250 of the Standard Specifications for Road and Bridge Construction."

Revise Article 424.12, Basis of Payment, to read as follows:

"This work will be paid for at the contract unit price per square foot for PORTLAND CEMENT CONCRETE SIDEWALK, 5", which price shall include all methods of curing and protective coating, required base course materials, expansion joints, rebar, variable height edge treatment at sidewalk ramps, variable height back curb around sidewalk landings, backfilling sidewalk with compacted topsoil and any removal and disposal of subgrade and/or earth excavation to achieve the proper ADA requirements."

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ITEM #42400800 DETECTABLE WARNINGS

This work shall be done in accordance with Section 424 of the Standard Specifications. See the attached technical specifications for DETECTABLE WARNINGS.

This work shall be paid for at the contract unit price per square foot for DETECTABLE WARNINGS.

ITEM #60266600: VALVE BOXES TO BE ADJUSTED

This work shall be done in accordance with Section 602 of the Standard Specifications for Road and Bridge Construction (latest edition) and the attached detail. A full depth saw-cut consisting of a 1'x1' diamond configuration around the center of the valve box shall be completed by the Contractor. The Contractor shall remove the existing pavement/aggregate material to a depth of 10" below the finished grade elevation. The valve shall be adjusted to the finished grade elevation. The Contractor shall fill the 1' by 1' surrounding space with IDOT Approved SI Concrete to a max of 10" deep to the top of the valve box (set at finished grade elevation).

This work shall be paid for at the contract unit price per each for VALVE BOXES TO BE ADJUSTED.

ITEM #60603800: COMBINATION CONCRETE CURB AND GUTTER TB6.12

This work consists replacement of deteriorated curb and gutter segments throughout the city in accordance with Section 606 of the Standard Specifications. For most part, the type of curb is B-6.12 (See City of DeKalb Street Standard ST-100).

Revise Article 606.04 Excavation, to include the following paragraph:

"No additional compensation will be made for over excavation in depth due to operator error, or unsuitable subgrade material. Contractor can pour extra concrete or place compacted aggregate back for the over excavation at their cost."

Revise Article 606.06 Placing Concrete to include the following paragraph:

"Whenever the curb construction is to be across a previously backfilled trench or excavation or across sub-grade of questionable stability, #4, (1/2") reinforcing bars shall be installed to adequately span the area of concern. All bars shall be long enough to extend over the areas of settled sub-grade, flanking the area of concern."

No Cure and Seal compound shall be applied when the air temperature is below 40 degrees or is between 40 and 45 degrees and falling. All concrete poured after November 1st shall meet the requirement of Article 420.18.

All Combination Curb and Gutter Sections shall be tied to existing curb with two #4 epoxy coated reinforcing tie bars.

Revise Article 606.13. Backfill, to include the following paragraphs:

"Restoration of disturbed HMA street areas in front of the curb line shall be prepared by squaring all edges to a uniform shape while maintaining a substantial base and filled with a HMA binder course to a level depending on thickness of overlay determined by the Engineer. The area shall then be cleaned, primed and a HMA surface course shall be placed. When the existing HMA surface is to be milled, the HMA surface course shall be omitted. The HMA binder and surface course patching shall be considered incidental to this pay item. "

"At locations of replaced curb at sidewalk ramps and in high volume pedestrian traffic, temporary HMA patching shall be placed and compacted in front of the curb to the proper grade directed by the Engineer."

"Restoration of disturbed lawn areas behind the curb shall be with a minimum 4" and Class 1A seed mixture. All traffic control and barricades protecting unsafe areas shall stay in place until this process is completed." This work shall be done in accordance with Section 250 of the Standard Specifications for Road and Bridge Construction.

Curing and protection, aggregate base, permanent and temporary pavement restoration, and backfilling of curb with topsoil will not be paid for separately. The cost of this work shall be included in the unit cost per foot for COMBINATION CONCRETE CURB AND GUTTER TB6.12.

ITEM 88600100 DETECTOR LOOP, TYPE I

This work shall be done in accordance with Section 886 of the Standard Specifications. The Contractor shall make connection to the existing power source as part of this work. Connections shall be completed by soldering or other techniques as required. Upon completion of work, testing of all loops shall be the Owner.

This work shall be paid for at the contract unit price per foot for DETECTOR LOOP, TYPE I.

ITEM #X0100022: TILL, RESHAPE, AND COMPACT ROADBED

Work shall be completed in accordance with Section 440 of the Standard Specifications for Road and Bridge Construction (latest edition). By way of milling operations, the contractor shall utilize the existing pavement to supplement the existing aggregate base course to a minimum 8" of total depth. The existing pavement shall be milled, pulverized, and compacted in place. Large chunks of the surface course shall be removed prior to compaction efforts. Pulverized material should resemble a CA-6 mixture, with average particle sizes approximately 3/8" diameter. If additional material is needed to achieve finished grade elevations (prior to HMA paving), Contractor shall furnish aggregate base course CA-6 as needed. CA-6 materials needed for this option or to supplement pulverizing efforts shall be considered incidental to this pay item.

This work shall be included at the contract price per square yard for TILL, RESHAPE, AND COMPACT ROADBED.

ITEM X0326806: WASHOUT BASIN

This work shall be done in accordance with Illinois Department of Transportation (IDOT) Storm Water Quality (SWQ) and Erosion Control Manual and detail in the plans.

This work shall be included at the contract unit price per Lump Sum for WASHOUT BASIN.

ITEM # X6025600: MANHOLES TO BE ADJUSTED, (SPECIAL)

This work shall consist of adjusting frames and lids. This work shall be done according to the applicable portions of Section 603 of the Standard Specifications and the following:

Construction Requirements. Prior to the milling operation, the Contractor shall remove all frames and lids of manholes and clean all asphalt away from the manhole castings. After removal, the Contractor shall place a suitable metal plate over the manhole locations and backfill the area with a temporary hot-mix or cold-mix asphalt mixture. The Contractor shall then complete the milling and placement of all HMA lifts.

After placing the surface course, the Contractor will reinstall the frames and lids and adjust them to the finished pavement elevation. The pavement must be saw cut full depth in a 5' x 5' diamond shape to create

a clean pavement edge to pour concrete against.

The excavated area around the manholes and shall be filled with Class PP-1 or PP-2 concrete at a maximum depth of 10".

All frame adjustments shall be accomplished using the procedures outlined in the Standard Specifications and as directed in the Special Provisions herein. Any shims needed to adjust any frame shall be of solid flat steel with dimensions of 2" in width and 2" in length with uniform thickness. The frame will be set to grade using steel shims and without disturbing the adjustment; the frame will then be lifted off and set aside. A full bed of mortar will be placed on the structure between the adjusting shims, which shall form a solid masonry bond between the adjusting ring or structure. The frame shall be set back into place in a method not to damage the bed of mortar.

All manholes called out for adjustment or will be removed down to the top of the cone section, covered with a steel plate and backfilled before HOT-MIX ASPHALT SURFACE REMOVAL; VARIABLE DEPTH starts. The manholes will be adjusted to final grade after the final surface is placed.

This work shall be paid for at the contract unit price per each for MANHOLES TO BE ADJUSTED (SPECIAL).

ITEM #X6026051: SANITARY MANHOLE TO BE RECONSTRUCTED

This item is for the reconstruction of sanitary manholes in effort to maintain watertight construction and will be done with the following provisions, in accordance with Section 602 of the Standard Specifications for Road and Bridge Construction and DeKalb Sanitary District requirements.

Sanitary sewer manholes shall have frame/chimney seal, as shown in the detail of the plans, or heat-activated shrink-wrap encapsulating manhole frame and adjusting area, incidental to this item. The following will be acceptable:

1. Canusa - CPS Wrapid Seal
2. Internal Adaptor Seal Ring as supplied by Sidener Supply of Belvidere, IL, (800) 892-5396.

Prior to the milling operation, the Contractor shall remove the existing cone section and install a new concrete cone section. Contractor shall place a suitable metal plate over the new cone section of the manhole and backfill the area with a temporary hot-mix or cold-mix asphalt mixture. The Contractor shall then complete the milling and placement of all HMA lifts.

After placing the surface course, the Contractor will reinstall the frames and lids and adjust them to the finished pavement elevation. The pavement must be saw cut full depth in a 5' x 5' diamond shape to create a clean pavement edge to pour concrete against.

The excavated area around the manholes shall be filled with Class PP-1 or PP-2 concrete at a maximum depth of 10". This includes areas outside of the concrete diamonds, that were excavated for placement of the precast cone.

All frame adjustments shall be accomplished using the procedures outlined in the Standard Specifications and as directed in the Special Provisions herein. Any shims needed to adjust any frame shall be of solid flat steel with dimensions of 2" in width and 2" in length with uniform thickness. The frame will be set to grade using steel shims and without disturbing the adjustment; the frame will then be lifted off and set aside. A full bed of mortar will be placed on the structure between the adjusting shims, which shall form a solid masonry bond between the adjusting ring or structure. The frame shall be set back into place in a method not to

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damage the bed of mortar.

All manholes called out for adjustment or will be removed down to the top of the cone section, covered with a steel plate and backfilled before HOT-MIX ASPHALT SURFACE REMOVAL starts. The manholes will be adjusted to final grade after the final surface is placed.

This work shall be paid for at the contract unit price per each for SANITARY MANHOLES TO BE RECONSTRUCTED.

ITEM #X7010216: TRAFFIC CONTROL AND PROTECTION, (SPECIAL)

This shall be performed in accordance with Section 701 of the Standard Specifications insofar as applicable. This item includes providing and maintaining all signs, barricades, flashers, sandbags, and flagmen to implement traffic control in accordance with the Manual on Uniform Traffic Control Devices, latest edition; and, to implement necessary job safety warnings with proper barricades, cones and snow fences around trenches, equipment and new concrete or asphalt work.

The Contractor shall coordinate all traffic control work. When directed by the Engineer, the Contractor shall remove all traffic control devices, which were installed and maintained under this Contract. Such devices shall remain the property of the Contractor. No caution tape or ribbon will be allowed to mark off areas. Areas needing to be blocked off must be protected using proper methods outlined in the MUTCD.

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

The Contractor shall provide 24-hour contact information to receive notification of any traffic control deficiencies and shall dispatch workers, materials, and equipment to correct any such deficiencies. The Contractor shall respond to any call from the Department of Public Works concerning any request for improving or correction of traffic control devices and begin making requested repairs within two (2) hours from the time of notification.

This item of work will be incidental to the contract as agreed upon to furnish and implement all the conditions for Traffic Control and Protection for associated project work.

TRAFFIC CONTROL PLAN

All roads shall be kept open to traffic. All signs, except those referring to daily lane closures, shall be post mounted in accordance with Standard 701901 for all projects that exceed a four-day duration. There shall be no weekend lane closures. Construction signs referring to daytime lane closures during working hours shall be removed, covered or turned away from the view of the motorists during non-working hours.

The Contractor shall furnish, erect, maintain and remove all signs, barricades, flaggers and other traffic control devices as may be necessary for the purpose of regulating, warning or guiding traffic. Placement and maintenance of all traffic control devices shall be as directed by the Engineer and in accordance with the applicable parts of Section 701 of the Standard Specifications.

The Contractor shall notify the City of DeKalb, Local Fire and Police Departments, and adjacent property owners a minimum of 5 days prior to closing any portion of adjacent streets or alleys.

Traffic Control shall be according to the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the National Manual on Uniform Traffic Control Devices for Streets and Highways, Illinois Supplement to the National Manual on Uniform Traffic Control Devices, these special provisions, and any special details and Highway Standards contained herein and in

the plans.

Special attention is called to Articles 107.09 and 107.14 of the Standard Specifications for Road and Bridge Construction and the following Highway Standards relating to traffic control.

Standards:

701501 701502 701606 701701 701801 701901

General:

Where construction activities involve sidewalks on both sides of the street, the work shall be staged so that both sidewalks are not out of service at the same time.

Signs:

No bracing shall be allowed on post-mounted signs.

"BUMP" (W8-1(O)48) signs shall be installed as directed by the Engineer.

All regulatory signs shall be maintained at a 5-foot minimum bottom (rural), 7 feet minimum (urban).

Plate altering signs shall have the same sheeting as the base sign.

No more than one (1) plate shall be used to alter a sign.

Any post stubs without a sign in place and visible shall have a reflector placed on each post.

Devices:

Cones or reflectorized cones shall not be used during hours of darkness.

A minimum of 3 drums spaced at 4 feet shall be placed at each return when the sideroad is open.

On all standards, and the devices listed in Section 701 of the Standard Specifications, the device spacing shall be revised to the following dimensions:

Where the spacing shown on the standard is 25 feet, the devices shall be placed at 20 feet.

Where the spacing shown on the standard is 50 feet, the devices shall be placed at 40 feet.

Where the spacing shown on the standard is 100 feet, the devices shall be placed at 80 feet.

Direction Indicator Barricades shall exclusively be used in lane closure tapers. They shall be used only when traffic is being merged with an adjacent through lane or shifted onto a median crossover. Backside to resemble a type II barricade. Taper shall not be broken for a side street or commercial entrance.

Lights:

Steady burn mono-directional lights are required on devices delineating a widening trench.

Flagger at Sideroads and Commercial Entrances:

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Effective: August 1, 2011

Flaggers shall comply with all requirements contained in the Department's "Flagger Handbook" dated September 2011. The flagger equipment listed for flaggers employed by the Illinois Department of Transportation shall apply to all flaggers.

All workers and flaggers shall wear ANSI Class E pants and an ANSI Class 2 vest that in combination meet the requirements of ANSI/ISEA 107 2004 for Conspicuity Class 3 garments during hours of darkness.

This work shall be paid for at the contract unit price per lump sum for TRAF CONT & PROT SPL.

ITEM #Z0004005 FIBER ASPHALT

Attached are the technical specifications for FIBER ASPHALT which shall govern for all work.

This work shall be paid for at the contract unit price per pound (LB) of FIBER ASPHALT.

ITEM #Z0033700 LONGITUDINAL JOINT SEALANT, 18" BAND

Only work on North 1st Street and South 1st Street is to incorporate longitudinal joint sealant. Joint sealant shall meet all requirements of Section 1050, as well as Supplemental Specifications.

Longitudinal joint sealant shall be Road Fabric Product J-Band, or approved equal, as per manufacturer's specifications, and installation shall meet with engineer's approval.

This work shall be paid for at the contract unit price per foot (FT) for LONGITUDINAL JOINT SEALANT, 18" BAND.

ITEM #Z0048665:RAILROAD PROTECTIVE LIABILITY INSURANCE

The crossing location is identified as AAR/DOT Crossing Number 175045R, Railroad milepost 58.76. The City of DeKalb will obtain the Maintenance Consent Letter from the Railroad. The City of DeKalb will provide the Maintenance Consent Letter to the contractor for their reference. The CONTRACTOR will be responsible for obtaining the Right of Entry Agreement from the Union Pacific Railroad, including preparing and submitting the application and all application fees, for themselves and any sub-contractors. Contractor is responsible for complying with said permit including, but not limited to, securing Railroad Protective Liability Insurance and securing/coordinating railroad flaggers. Contractor shall provide a copy of the Right of Entry Agreement to the Engineer before any work may begin inside the Railroad's Right-of-Way. All costs for said insurance and flaggers is incidental to this pay item.

This work shall be paid for at the contract unit price per lump sum basis for RAILROAD PROTECTIVE LIABILITY INSURANCE.

BDE SPECIAL PROVISIONS
For the January 15 and March 5, 2021 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	<input type="checkbox"/> Accessible Pedestrian Signals (APS)	April 1, 2003	April 1, 2020
	80274	2	<input checked="" type="checkbox"/> Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
	80192	3	<input type="checkbox"/> Automated Flagger Assistance Device	Jan. 1, 2008	
	80173	4	<input type="checkbox"/> Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
	80426	5	<input type="checkbox"/> Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	
	80241	6	<input type="checkbox"/> Bridge Demolition Debris	July 1, 2009	
	50261	7	<input type="checkbox"/> Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	50481	8	<input type="checkbox"/> Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	50491	9	<input type="checkbox"/> Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	50531	10	<input type="checkbox"/> Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
*	80425	11	<input type="checkbox"/> Cape Seal	Jan. 1, 2020	Jan. 1, 2021
	80384	12	<input checked="" type="checkbox"/> Compensable Delay Costs	June 2, 2017	April 1, 2019
	80198	13	<input type="checkbox"/> Completion Date (via calendar days)	April 1, 2008	
	80199	14	<input type="checkbox"/> Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80293	15	<input type="checkbox"/> Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
	80311	16	<input type="checkbox"/> Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
	80261	17	<input type="checkbox"/> Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80387	18	<input type="checkbox"/> Contrast Preformed Plastic Pavement Marking	Nov. 1, 2017	
*	80434	19	<input type="checkbox"/> Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
	80029	20	<input type="checkbox"/> Disadvantaged Business Enterprise Participation	Sept. 1, 2000	March 2, 2019
	80402	21	<input checked="" type="checkbox"/> Disposal Fees	Nov. 1, 2018	
	80378	22	<input type="checkbox"/> Dowel Bar Inserters	Jan. 1, 2017	Jan. 1, 2018
	80421	23	<input type="checkbox"/> Electric Service Installation	Jan. 1, 2020	
	80415	24	<input checked="" type="checkbox"/> Emulsified Asphalts	Aug. 1, 2019	
	80423	25	<input type="checkbox"/> Engineer's Field Office and Laboratory	Jan. 1, 2020	
	80229	26	<input type="checkbox"/> Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
	80417	27	<input type="checkbox"/> Geotechnical Fabric for Pipe Underdrains and French Drains	Nov. 1, 2019	
	80420	28	<input type="checkbox"/> Geotextile Retaining Walls	Nov. 1, 2019	
*	80433	29	<input type="checkbox"/> Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	
	80304	30	<input type="checkbox"/> Grooving for Recessed Pavement Markings	Nov. 1, 2012	Nov. 1, 2020
	80422	31	<input type="checkbox"/> High Tension Cable Median Barrier	Jan. 1, 2020	Nov. 1, 2020
	80416	32	<input checked="" type="checkbox"/> Hot-Mix Asphalt – Binder and Surface Course	July 2, 2019	Nov. 1, 2019
	80398	33	<input checked="" type="checkbox"/> Hot-Mix Asphalt – Longitudinal Joint Sealant	Aug. 1, 2018	Nov. 1, 2019
*	80406	34	<input type="checkbox"/> Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT)	Jan. 1, 2019	Jan. 1, 2021
	80347	35	<input type="checkbox"/> Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Nov. 1, 2014	July 2, 2019
	80383	36	<input type="checkbox"/> Hot-Mix Asphalt – Quality Control for Performance	April 1, 2017	July 2, 2019
	80411	37	<input type="checkbox"/> Luminaires, LED	April 1, 2019	
	80393	38	<input type="checkbox"/> Manholes, Valve Vaults, and Flat Slab Tops	Jan. 1, 2018	March 1, 2019
	80045	39	<input type="checkbox"/> Material Transfer Device	June 15, 1999	Aug. 1, 2014
	80418	40	<input type="checkbox"/> Mechanically Stabilized Earth Retaining Walls	Nov. 1, 2019	Nov. 1, 2020
*	80424	41	<input type="checkbox"/> Micro-Surfacing and Slurry Sealing	Jan. 1, 2020	Jan. 1, 2021
	80428	42	<input checked="" type="checkbox"/> Mobilization	April 1, 2020	
	80412	43	<input type="checkbox"/> Obstruction Warning Luminaires, LED	Aug. 1, 2019	
	80430	44	<input type="checkbox"/> Portland Cement Concrete – Haul Time	July 1, 2020	
	80359	45	<input type="checkbox"/> Portland Cement Concrete Bridge Deck Curing	April 1, 2015	Nov. 1, 2019
	80431	46	<input type="checkbox"/> Portland Cement Concrete Pavement Patching	July 1, 2020	

80432	47	<input type="checkbox"/>	Portland Cement Concrete Pavement Placement	July 1, 2020	
80300	48	<input type="checkbox"/>	Preformed Plastic Pavement Marking Type D - Inlaid	April 1, 2012	April 1, 2016
34261	49	<input type="checkbox"/>	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	50	<input type="checkbox"/>	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
* 80306	51	<input checked="" type="checkbox"/>	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Nov. 1, 2012	Jan. 1, 2021
80407	52	<input type="checkbox"/>	Removal and Disposal of Regulated Substances	Jan. 1, 2019	Jan. 1, 2020
80419	53	<input checked="" type="checkbox"/>	Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric	Nov. 1, 2019	April 1, 2020
80395	54	<input type="checkbox"/>	Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
80340	55	<input type="checkbox"/>	Speed Display Trailer	April 2, 2014	Jan. 1, 2017
80127	56	<input type="checkbox"/>	Steel Cost Adjustment	April 2, 2004	Aug. 1, 2017
80408	57	<input type="checkbox"/>	Steel Plate Beam Guardrail Manufacturing	Jan. 1, 2019	
80413	58	<input type="checkbox"/>	Structural Timber	Aug. 1, 2019	
80397	59	<input type="checkbox"/>	Subcontractor and DBE Payment Reporting	April 2, 2018	
80391	60	<input checked="" type="checkbox"/>	Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
* 80435	61	<input type="checkbox"/>	Surface Testing of Pavements – IRI	Jan. 1, 2021	
80298	62	<input type="checkbox"/>	Temporary Pavement Marking	April 1, 2012	April 1, 2017
80409	63	<input checked="" type="checkbox"/>	Traffic Control Devices - Cones	Jan. 1, 2019	
80410	64	<input type="checkbox"/>	Traffic Spotters	Jan. 1, 2019	
20338	65	<input type="checkbox"/>	Training Special Provisions	Oct. 15, 1975	
80318	66	<input type="checkbox"/>	Traversable Pipe Grate for Concrete End Sections	Jan. 1, 2013	Jan. 1, 2018
80429	67	<input type="checkbox"/>	Ultra-Thin Bonded Wearing Course	April 1, 2020	
80288	68	<input type="checkbox"/>	Warm Mix Asphalt	Jan. 1, 2012	April 1, 2016
80302	69	<input type="checkbox"/>	Weekly DBE Trucking Reports	June 2, 2012	April 2, 2015
80414	70	<input type="checkbox"/>	Wood Fence Sight Screen	Aug. 1, 2019	April 1, 2020
80427	71	<input checked="" type="checkbox"/>	Work Zone Traffic Control Devices	Mar. 2, 2020	
80071	72	<input type="checkbox"/>	Working Days	Jan. 1, 2002	

The following special provisions are in the 2021 Supplemental Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80277	Concrete Mix Design – Department Provided	Check Sheet #37	Jan. 1, 2012	April 1, 2016
80405	Elastomeric Bearings	Article 1083.01	Jan. 1, 2019	
80388	Equipment Parking and Storage	Article 701.11	Nov. 1, 2017	
80165	Moisture Cured Urethane Paint System	Article 1008.06	Nov. 1, 2006	Jan. 1, 2010
80349	Pavement Marking Blackout Tape	Articles 701.04, 701.19(f), 701.20(j) and 1095.06	Nov. 1, 2014	April 1, 2016
80371	Pavement Marking Removal	Articles 783.02-783.04, 783.06 and 1101.13	July 1, 2016	
80389	Portland Cement Concrete	Article 1020.04 Table 1 and Note 4	Nov. 1, 2017	
80403	Traffic Barrier Terminal, Type 1 Special	Articles 631.04 and 631.12	Nov. 1, 2018	

The following special provisions have been deleted from use.

<u>File Name</u>	<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80317	Surface Testing of Hot-Mix Asphalt Overlays	Jan. 1, 2013	Aug. 1, 2019

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

AGGREGATE SUBGRADE IMPROVEMENT (BDE)

Effective: April 1, 2012

Revised: April 1, 2016

Add the following Section to the Standard Specifications:

"SECTION 303. AGGREGATE SUBGRADE IMPROVEMENT"

303.01 Description. This work shall consist of constructing an aggregate subgrade improvement.

303.02 Materials. Materials shall be according to the following.

Item	Article/Section
(a) Coarse Aggregate	1004.07
(b) Reclaimed Asphalt Pavement (RAP) (Notes 1, 2, and 3)	1031

Note 1. Crushed RAP, from either full depth or single lift removal, may be mechanically blended with aggregate gradations CS 01, CS 02, and RR 01 but shall not exceed 40 percent of the total product. The top size of the RAP shall be less than 4 in. (100 mm) and well graded.

Note 2. RAP having 100 percent passing the 1 1/2 in. (37.5 mm) sieve and being well graded, may be used as capping aggregate in the top 3 in. (75 mm) when aggregate gradations CS 01, CS 02, or RR 01 are used in lower lifts.

Note 3. The RAP used for aggregate subgrade improvement shall be according to the current Bureau of Materials and Physical Research Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications".

303.03 Equipment. The vibratory machine shall be according to Article 1101.01, or as approved by the Engineer.

303.04 Soil Preparation. The stability of the soil shall be according to the Department's Subgrade Stability Manual for the aggregate thickness specified.

303.05 Placing Aggregate. The maximum nominal lift thickness of aggregate gradations CA 02, CA 06, or CA 10 shall be 12 in. (300 mm). The maximum nominal lift thickness of aggregate gradations CS 01, CS 02, and RR 01 shall be 24 in. (600 mm).

303.06 Capping Aggregate. The top surface of the aggregate subgrade shall consist of a minimum 3 in. (75 mm) of aggregate gradations CA 06 or CA 10. When the contract specifies that a granular subbase is to be placed on the aggregate subgrade improvement, the 3 in. (75 mm) of capping aggregate shall be the same gradation and may be placed with the underlying aggregate subgrade improvement material.

303.07 Compaction. All aggregate lifts shall be compacted to the satisfaction of the Engineer. If the moisture content of the material is such that compaction cannot be obtained, sufficient water shall be added so that satisfactory compaction can be obtained.

303.08 Finishing and Maintenance of Aggregate Subgrade Improvement. The aggregate subgrade improvement shall be finished to the lines, grades, and cross sections shown on the plans, or as directed by the Engineer. The aggregate subgrade improvement shall be maintained in a smooth and compacted condition.

303.09 Method of Measurement. This work will be measured for payment according to Article 311.08.

303.10 Basis of Payment. This work will be paid for at the contract unit price per cubic yard (cubic meter) or ton (metric ton) for AGGREGATE SUBGRADE IMPROVEMENT or at the contract unit price per square yard (square meter) for AGGREGATE SUBGRADE IMPROVEMENT, of the thickness specified."

Add the following to Section 1004 of the Standard Specifications:

"1004.07 Coarse Aggregate for Aggregate Subgrade Improvement. The aggregate shall be according to Article 1004.01 and the following.

- (a) Description. The coarse aggregate shall be crushed gravel, crushed stone, or crushed concrete. In applications where greater than 24 in. (600 mm) of subgrade material is required, gravel may be used below the first 12 in (300 mm) of subgrade.
- (b) Quality. The coarse aggregate shall consist of sound durable particles reasonably free of deleterious materials.
- (c) Gradation.
 - (1) The coarse aggregate gradation for total subgrade thickness less than or equal to 12 in. (300 mm) shall be CA 2, CA 6, CA 10, or CS 01.

The coarse aggregate gradation for total subgrade thickness more than 12 in. (300 mm) shall be CS 01 or CS 02 as shown below or RR 01 according to Article 1005.01(c).

COARSE AGGREGATE SUBGRADE GRADATIONS					
Grad No.	Sieve Size and Percent Passing				
	8"	6"	4"	2"	#4
CS 01	100	97 ± 3	90 ± 10	45 ± 25	20 ± 20
CS 02		100	80 ± 10	25 ± 15	

COARSE AGGREGATE SUBGRADE GRADATIONS (Metric)					
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Grad No.	Sieve Size and Percent Passing				
	200 mm	150 mm	100 mm	50 mm	4.75 mm
CS 01	100	97 ± 3	90 ± 10	45 ± 25	20 ± 20
CS 02		100	80 ± 10	25 ± 15	

(2) The 3 in. (75 mm) capping aggregate shall be gradation CA 6 or CA 10."

80274

COMPENSABLE DELAY COSTS (BDE)

Effective: June 2, 2017

Revised: April 1, 2019

Revise Article 107.40(b) of the Standard Specifications to read:

“(b) Compensation. Compensation will not be allowed for delays, inconveniences, or damages sustained by the Contractor from conflicts with facilities not meeting the above definition; or if a conflict with a utility in an unanticipated location does not cause a shutdown of the work or a documentable reduction in the rate of progress exceeding the limits set herein. The provisions of Article 104.03 notwithstanding, compensation for delays caused by a utility in an unanticipated location will be paid according to the provisions of this Article governing minor and major delays or reduced rate of production which are defined as follows.

- (1) Minor Delay. A minor delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two hours, but not to exceed two weeks.
- (2) Major Delay. A major delay occurs when the work in conflict with the utility in an unanticipated location is completely stopped for more than two weeks.
- (3) Reduced Rate of Production Delay. A reduced rate of production delay occurs when the rate of production on the work in conflict with the utility in an unanticipated location decreases by more than 25 percent and lasts longer than seven calendar days.”

Revise Article 107.40(c) of the Standard Specifications to read:

“(c) Payment. Payment for Minor, Major, and Reduced Rate of Production Delays will be made as follows.

- (1) Minor Delay. Labor idled which cannot be used on other work will be paid for according to Article 109.04(b)(1) and (2) for the time between start of the delay and the minimum remaining hours in the work shift required by the prevailing practice in the area.

Equipment idled which cannot be used on other work, and which is authorized to standby on the project site by the Engineer, will be paid for according to Article 109.04(b)(4).

- (2) Major Delay. Labor will be the same as for a minor delay.

Equipment will be the same as for a minor delay, except Contractor-owned equipment will be limited to two weeks plus the cost of move-out to either the

Contractor's yard or another job and the cost to re-mobilize, whichever is less. Rental equipment may be paid for longer than two weeks provided the Contractor presents adequate support to the Department (including lease agreement) to show retaining equipment on the job is the most economical course to follow and in the public interest.

- (3) Reduced Rate of Production Delay. The Contractor will be compensated for the reduced productivity for labor and equipment time in excess of the 25 percent threshold for that portion of the delay in excess of seven calendar days. Determination of compensation will be in accordance with Article 104.02, except labor and material additives will not be permitted.

Payment for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be determined according to Article 109.13."

Revise Article 108.04(b) of the Standard Specifications to read:

"(b) No working day will be charged under the following conditions.

- (1) When adverse weather prevents work on the controlling item.
- (2) When job conditions due to recent weather prevent work on the controlling item.
- (3) When conduct or lack of conduct by the Department or its consultants, representatives, officers, agents, or employees; delay by the Department in making the site available; or delay in furnishing any items required to be furnished to the Contractor by the Department prevents work on the controlling item.
- (4) When delays caused by utility or railroad adjustments prevent work on the controlling item.
- (5) When strikes, lock-outs, extraordinary delays in transportation, or inability to procure critical materials prevent work on the controlling item, as long as these delays are not due to any fault of the Contractor.
- (6) When any condition over which the Contractor has no control prevents work on the controlling item."

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

- "(f) Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to Section 108. Any adjustment in the costs to be paid will be made for direct labor, direct materials, direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, home office overhead and unabsorbed overhead

other than as allowed by Article 109.13, lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation.

The above Basis of Payment is an essential element of the contract and the claim cost recovery of the Contractor shall be so limited.”

Add the following to Section 109 of the Standard Specifications.

“109.13 Payment for Contract Delay. Compensation for escalated material costs, escalated labor costs, extended project overhead, and extended traffic control will be allowed when such costs result from a delay meeting the criteria in the following table.

Contract Type	Cause of Delay	Length of Delay
Working Days	Article 108.04(b)(3) or Article 108.04(b)(4)	No working days have been charged for two consecutive weeks.
Completion Date	Article 108.08(b)(1) or Article 108.08(b)(7)	The Contractor has been granted a minimum two week extension of contract time, according to Article 108.08.

Payment for each of the various costs will be according to the following.

- (a) Escalated Material and/or Labor Costs. When the delay causes work, which would have otherwise been completed, to be done after material and/or labor costs have increased, such increases will be paid. Payment for escalated material costs will be limited to the increased costs substantiated by documentation furnished by the Contractor. Payment for escalated labor costs will be limited to those items in Article 109.04(b)(1) and (2), except the 35 percent and 10 percent additives will not be permitted.
- (b) Extended Project Overhead. For the duration of the delay, payment for extended project overhead will be paid as follows.
 - (1) Direct Jobsite and Offsite Overhead. Payment for documented direct jobsite overhead and documented direct offsite overhead, including onsite supervisory and administrative personnel, will be allowed according to the following table.

Original Contract Amount	Supervisory and Administrative Personnel
Up to \$5,000,000	One Project Superintendent
Over \$ 5,000,000 - up to \$25,000,000	One Project Manager, One Project Superintendent or Engineer, and One Clerk
Over \$25,000,000 - up to \$50,000,000	One Project Manager, One Project Superintendent, One Engineer, and

	One Clerk
Over \$50,000,000	One Project Manager, Two Project Superintendents, One Engineer, and One Clerk

(2) Home Office and Unabsorbed Overhead. Payment for home office and unabsorbed overhead will be calculated as 8 percent of the total delay cost.

(c) Extended Traffic Control. Traffic control required for an extended period of time due to the delay will be paid for according to Article 109.04.

When an extended traffic control adjustment is paid under this provision, an adjusted unit price as provided for in Article 701.20(a) for increase or decrease in the value of work by more than ten percent will not be paid.

Upon payment for a contract delay under this provision, the Contractor shall assign subrogation rights to the Department for the Department's efforts of recovery from any other party for monies paid by the Department as a result of any claim under this provision. The Contractor shall fully cooperate with the Department in its efforts to recover from another party any money paid to the Contractor for delay damages under this provision."

DISPOSAL FEES (BDE)

Effective: November 1, 2018

Replace Articles 109.04(b)(5) – 109.04(b)(8) of the Standard Specifications with the following:

- “(5) Disposal Fees. When the extra work performed includes paying for disposal fees at a clean construction and demolition debris facility, an uncontaminated soil fill operation or a landfill, the Contractor shall receive, as administrative costs, an amount equal to five percent of the first \$10,000 and one percent of any amount over \$10,000 of the total approved costs of such fees.
- (6) Miscellaneous. No additional allowance will be made for general superintendence, the use of small tools, or other costs for which no specific allowance is herein provided.
- (7) Statements. No payment will be made for work performed on a force account basis until the Contractor has furnished the Engineer with itemized statements of the cost of such force account work. Statements shall be accompanied and supported by invoices for all materials used and transportation charges. However, if materials used on the force account work are not specifically purchased for such work but are taken from the Contractor’s stock, then in lieu of the invoices, the Contractor shall furnish an affidavit certifying that such materials were taken from his/her stock, that the quantity claimed was actually used, and that the price and transportation claimed represent the actual cost to the Contractor.
- Itemized statements at the cost of force account work shall be detailed as follows.
- a. Name, classification, date, daily hours, total hours, rate, and extension for each laborer and foreman. Payrolls shall be submitted to substantiate actual wages paid if so requested by the Engineer.
 - b. Designation, dates, daily hours, total hours, rental rate, and extension for each unit of machinery and equipment.
 - c. Quantities of materials, prices and extensions.
 - d. Transportation of materials.
 - e. Cost of property damage, liability and workmen’s compensation insurance premiums, unemployment insurance contributions, and social security tax.
- (8) Work Performed by an Approved Subcontractor. When extra work is performed by an approved subcontractor, the Contractor shall receive, as administrative costs, an amount equal to five percent of the total approved costs of such work with the minimum payment being \$100.

- (9) All statements of the cost of force account work shall be furnished to the Engineer not later than 60 days after receipt of the Central Bureau of Construction form "Extra Work Daily Report". If the statement is not received within the specified time frame, all demands for payment for the extra work are waived and the Department is released from any and all such demands. It is the responsibility of the Contractor to ensure that all statements are received within the specified time regardless of the manner or method of delivery."

80402

EMULSIFIED ASPHALTS (BDE)

Effective: August 1, 2019

Revise Article 1032.06 of the Standard Specifications to read:

“1032.06 Emulsified Asphalts. Emulsified asphalts will be accepted according to the current Bureau of Materials Policy Memorandum, “Emulsified Asphalt Acceptance Procedure”. These materials shall be homogeneous and shall show no separation of asphalt after thorough mixing, within 30 days after delivery, provided separation has not been caused by freezing. They shall coat the aggregate being used in the work to the satisfaction of the Engineer and shall be according to the following requirements.

- (a) Anionic Emulsified Asphalt. Anionic emulsified asphalts RS-1, RS-2, HFRS-2, SS-1h, and SS-1 shall be according to AASHTO M 140, except as follows.

- (1) The cement mixing test will be waived when the emulsion is being used as a tack coat.
- (2) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.

- (b) Cationic Emulsified Asphalt. Cationic emulsified asphalts CRS-1, CRS-2, CSS-1h, and CSS-1 shall be according to AASHTO M 208, except as follows.

- (1) The cement mixing test will be waived when the emulsion is being used as a tack coat.
- (2) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.

- (c) High Float Emulsion. High float emulsions HFE-90, HFE-150, and HFE-300 are medium setting and shall be according to the following table.

Test	HFE-90	HFE-150	HFE-300
Viscosity, Saybolt Furol, at 122 °F (50 °C), (AASHTO T 59), SFS ^{1/}	50 min.	50 min.	50 min.
Sieve Test, No. 20 (850 µm), retained on sieve, (AASHTO T 59), %	0.10 max.	0.10 max.	0.10 max.
Storage Stability Test, 1 day, (AASHTO T 59), %	1 max.	1 max.	1 max.
Coating Test (All Grades), (AASHTO T 59), 3 minutes	stone coated thoroughly		
Distillation Test, (AASHTO T 59): Residue from distillation test to 500 °F (260 °C), % Oil distillate by volume, %	65 min. 7 max.	65 min. 7 max.	65 min. 7 max.

Characteristics of residue from distillation test to 500 °F (260 °C): Penetration at 77 °F (25 °C), (AASHTO T 49), 100 g, 5 sec, dmm	90-150	150-300	300 min.
Float Test at 140 °F (60 °C), (AASHTO T 50), sec.	1200 min.	1200 min.	1200 min.

1/ The emulsion shall be pumpable.

- (d) Penetrating Emulsified Prime. Penetrating Emulsified Prime (PEP) shall be according to AASHTO T 59, except as follows.

Test	Result
Viscosity, Saybolt Furol, at 77 °F (25 °C), SFS	75 max.
Sieve test, retained on No. 20 (850 µm) sieve, %	0.10 max.
Distillation to 500 °F (260 °C) residue, %	38 min.
Oil distillate by volume, %	4 max.

The PEP shall be tested according to the current Bureau of Materials Illinois Laboratory Test Procedure (ILTP), "Sand Penetration Test of Penetrating Emulsified Prime (PEP)". The time of penetration shall be equal to or less than that of MC-30. The depth of penetration shall be equal to or greater than that of MC-30.

- (e) Delete this subparagraph.
- (f) Polymer Modified Emulsified Asphalt. Polymer modified emulsified asphalts, e.g. SS-1hP, CSS-1hP, CRS-2P (formerly CRSP), CQS-1hP (formerly CSS-1h Latex Modified) and HFRS-2P (formerly HFP) shall be according to AASHTO M 316, except as follows.
- (1) The cement mixing test will be waived when the polymer modified emulsion is being used as a tack coat.
 - (2) CQS-1hP (formerly CSS-1h Latex Modified) emulsion for micro-surfacing treatments shall use latex as the modifier.
 - (3) Upon examination of the storage stability test cylinder after standing undisturbed for 24 hours, the surface shall show minimal to no white, milky colored substance and shall be a homogenous brown color throughout.
 - (4) The distillation for all polymer modified emulsions shall be performed according to AASHTO T 59, except the temperature shall be 374 ± 9 °F (190 ± 5 °C) to be held for a period of 15 minutes and measured using an ASTM 16F (16C) thermometer.
 - (5) The specified temperature for the Elastic Recovery test for all polymer modified emulsions shall be 50.0 ± 1.0 °F (10.0 ± 0.5 °C).

(6) The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent.

(g) Non-Tracking Emulsified Asphalt. Non-tracking emulsified asphalt NTEA (formerly SS-1vh) shall be according to the following.

Test	Requirement
Saybolt Viscosity at 77 °F (25 °C), (AASHTO T 59), SFS	20-100
Storage Stability Test, 24 hr, (AASHTO T 59), %	1 max.
Residue by Distillation, 500 ± 10 °F (260 ± 5 °C), or Residue by Evaporation, 325 ± 5 °F (163 ± 3 °C), (AASHTO T 59), %	50 min.
Sieve Test, No. 20 (850 µm), (AASHTO T 59), %	0.3 max.
Tests on Residue from Evaporation	
Penetration at 77 °F (25 °C), 100 g, 5 sec, (AASHTO T 49), dmm	40 max.
Softening Point, (AASHTO T 53), °F (°C)	135 (57) min.
Ash Content, (AASHTO T 111), % ^{1/}	1 max.

1/ The Solubility in Trichloroethylene test according to AASHTO T 44 may be run in lieu of Ash Content and shall meet a minimum of 97.5 percent

The different grades are, in general, used for the following.

Grade	Use
SS-1, SS-1h, RS-1, RS-2, CSS-1, CRS-1, CRS-2, CSS-1h, HFE-90, SS-1hP, CSS-1hP, NTEA (formerly SS-1vh)	Tack Coat
PEP	Prime Coat
RS-2, HFE-90, HFE-150, HFE-300, CRS-2P (formerly CRSP), HFRS-2P (formerly HFP), CRS-2, HFRS-2	Bituminous Surface Treatment
CQS-1hP (formerly CSS-1h Latex Modified)	Micro-Surfacing Slurry Sealing Cape Seal"

HOT-MIX ASPHALT – BINDER AND SURFACE COURSE (BDE)

Effective: July 2, 2019

Revised: November 1, 2019

Description. This work shall consist of constructing a hot-mix asphalt (HMA) binder and/or surface course on a prepared base. Work shall be according to Sections 406 and 1030 of the Standard Specifications, except as modified herein.

Materials. Add the following after the second paragraph of Article 1003.03(c):

“For mixture IL-9.5FG, at least 67 percent of the required fine aggregate fraction shall consist of either stone sand, slag sand, steel slag sand, or combinations thereof meeting FA 20 gradation.”

Revise Article 1004.03(c) to read:

“(c) Gradation. The coarse aggregate gradations shall be as listed in the following table.

Use	Size/Application	Gradation No.
Class A-1, A-2, & A-3	3/8 in. (10 mm) Seal	CA 16 or CA 20
Class A-1	1/2 in. (13 mm) Seal	CA 15
Class A-2 & A-3	Cover Coat	CA 14
HMA High ESAL	IL-19.0	CA 11 ^{1/}
	SMA 12.5 ^{2/}	CA 13, CA 14, or CA 16
	SMA 9.5 ^{2/}	CA 13 or CA 16 ^{3/}
	IL-9.5	CA 16
	IL-9.5FG	CA 16
HMA Low ESAL	IL-19.0L	CA 11 ^{1/}
	IL-9.5L	CA 16

1/ CA 16 or CA 13 may be blended with the CA 11.

2/ The coarse aggregates used shall be capable of being combined with stone sand, slag sand, or steel slag sand meeting the FA/FM 20 gradation and mineral filler to meet the approved mix design and the mix requirements noted herein.

3/ The specified coarse aggregate gradations may be blended.”

HMA Nomenclature. Revise the “High ESAL” portion of the table in Article 1030.01 to read:

“High ESAL	Binder Courses	IL-19.0, IL-9.5, IL-9.5FG, IL-4.75, SMA 12.5, SMA 9.5
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	Surface Courses	IL-9.5, IL-9.5FG, SMA 12.5, SMA 9.5"
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Mixture Design. Revise the table in Article 1030.04(a)(1) and add SMA 9.5 and IL-9.5FG mixture compositions as follows:

"HIGH ESAL, MIXTURE COMPOSITION (% PASSING) ^{1/}						
Sieve Size	SMA 12.5 ^{5/}		SMA 9.5 ^{5/}		IL-9.5FG	
	min.	max.	min.	max.	min.	max.
1 in. (25 mm)						
3/4 in. (19 mm)		100		100		
1/2 in. (12.5 mm)	90	99	95	100		100
3/8 in. (9.5 mm)	50	85	70	95	90	100
#4 4.75 mm)	20	40	30	50	60	75
#8 (2.36 mm)	16	24 ^{4/}	20	30	45	60
#16 (1.18 mm)				21	25	40
#30 (600 μm)				18	15	30
#50 (300 μm)				15	8	15
#100 (150 μm)					6	10
#200 (75 μm)	8.0	11.0 ^{3/}	8.0	11.0 ^{3/}	4.0	6.5
#635 (20 μm)		≤ 3.0		≤ 3.0		
Ratio of Dust/Asphalt Binder						1.0

1/ Based on percent of total aggregate weight.

2/ The mixture composition shall not exceed 44 percent passing the #8 (2.36 mm) sieve for surface courses with Ndesign = 90.

- 3/ Additional minus No. 200 (0.075 mm) material required by the mix design shall be mineral filler, unless otherwise approved by the Engineer.
- 4/ When establishing the adjusted job mix formula (AJMF) the percent passing the #8 (2.36 mm) sieve shall not be adjusted above 24 percent.
- 5/ When the bulk specific gravity (Gsb) of the component aggregates vary by more than 0.2, the blend gradations shall be based on volumetric percentage.”

Revise the table in Article 1030.04(b)(1) to read:

“VOLUMETRIC REQUIREMENTS, High ESAL				
Ndesign	Voids in the Mineral Aggregate (VMA), % minimum			Voids Filled with Asphalt Binder (VFA), %
	IL-19.0	IL-9.5 IL-9.5FG	IL-4.75 ^{1/}	
50	13.5	15.0	18.5	65 - 78 ^{2/}
70				65 – 75 ^{3/}
90				

1/ Maximum draindown for IL-4.75 shall be 0.3 percent.

2/ VFA for IL-4.75 shall be 76-83 percent.

3/ VFA for IL-9.5FG shall be 65-78 percent.”

Revise the table in Article 1030.04(b)(3) to read:

“VOLUMETRIC REQUIREMENTS, SMA 12.5 ^{1/} and SMA 9.5 ^{1/}				
ESALs (million)	Ndesign	Design Air Voids Target, %	Voids in the Mineral Aggregate (VMA), % min.	Voids Filled with Asphalt (VFA), %
≤ 10	50	4.0	16.0	75 – 80
> 10	80	4.0	17.0	75 – 80

1/ Maximum draindown shall be 0.3 percent.”

Quality Control/Quality Assurance (QC/QA). Revise the third paragraph of Article 1030.05(d)(3) to read:

“If the Contractor and Engineer agree the nuclear density test method is not appropriate for the mixture, cores shall be taken at random locations determined according to the

QC/QA document "Determination of Random Density Test Site Locations". Core densities shall be determined using the Illinois Modified AASHTO T 166 or T 275 procedure."

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

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

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

When a longitudinal joint sealant (LJS) is applied, longitudinal joint density testing will not be required on the joint(s) sealed."

Revise the second table in Article 1030.05(d)(4) and its notes to read:

"DENSITY CONTROL LIMITS			
Mixture Composition	Parameter	Individual Test (includes confined edges)	Unconfined Edge Joint Density, minimum
IL-4.75	Ndesign = 50	93.0 – 97.4 % ^{1/}	91.0%
IL-9.5FG	Ndesign = 50 - 90	93.0 – 97.4 %	91.0%
IL-9.5	Ndesign = 90	92.0 – 96.0 %	90.0%
IL-9.5, IL-9.5L,	Ndesign < 90	92.5 – 97.4 %	90.0%
IL-19.0	Ndesign = 90	93.0 – 96.0 %	90.0%
IL-19.0, IL-19.0L	Ndesign < 90	93.0 ^{2/} – 97.4 %	90.0%
SMA	Ndesign = 50 or 80	93.5 – 97.4 %	91.0%

- 1/ Density shall be determined by cores or by correlated, approved thin lift nuclear gauge.

2/ 92.0 % when placed as first lift on an unimproved subgrade.”

Equipment. Add the following to Article 1101.01 of the Standard Specifications:

“(h) Oscillatory Roller. The oscillatory roller shall be self-propelled and provide a smooth operation when starting, stopping, or reversing directions. The oscillatory roller shall be able to operate in a mode that will provide tangential impact force with or without vertical impact force by using at least one drum. The oscillatory roller shall be equipped with water tanks and sprinkling devices, or other approved methods, which shall be used to wet the drums to prevent material pickup. The drum(s) amplitude and frequency of the tangential and vertical impact force shall be approximately the same in each direction and meet the following requirements:

- (1) The minimum diameter of the drum(s) shall be 42 in. (1070 mm);
- (2) The minimum length of the drum(s) shall be 57 in. (1480 mm);
- (3) The minimum unit static force on the drum(s) shall be 125 lb/in. (22 N/m); and
- (4) The minimum force on the oscillatory drum shall be 18,000 lb (80 kN).”

CONSTRUCTION REQUIREMENTS

Add the following to Article 406.03 of the Standard Specifications:

“(j) Oscillatory Roller 1101.01”

Revise the third paragraph of Article 406.05(a) to read:

“All depressions of 1 in. (25 mm) or more in the surface of the existing pavement shall be filled with binder. At locations where heavy disintegration and deep spalling exists, the area shall be cleaned of all loose and unsound material, tacked, and filled with binder (hand method).”

Revise Article 406.05(c) to read.

“(c) Binder (Hand Method). Binder placed other than with a finishing machine will be designated as binder (hand method) and shall be compacted with a roller to the satisfaction of the Engineer. Hand tamping will be permitted when approved by the Engineer.”

Revise the special conditions for mixture IL-4.75 in Article 406.06(b)(2)e. to read:

“e. The mixture shall be overlaid within 5 days of being placed.”

Revise Article 406.06(d) to read:

“(d) Lift Thickness. The minimum compacted lift thickness for HMA binder and surface courses shall be as follows.

MINIMUM COMPACTED LIFT THICKNESS	
Mixture Composition	Thickness, in. (mm)
IL-4.75	3/4 (19) - over HMA surfaces ^{1/} 1 (25) - over PCC surfaces ^{1/}
IL-9.5FG	1 1/4 (32)
IL-9.5, IL-9.5L	1 1/2 (38)
SMA 9.5	1 1/2 (38)
SMA 12.5	2 (51)
IL-19.0, IL-19.0L	2 1/4 (57)

1/ The maximum compacted lift thickness for mixture IL-4.75 shall be 1 1/4 in. (32 mm).”

Revise Table 1 and Note 3/ of Table 1 in Article 406.07(a) of the Standard Specifications to read:

“TABLE 1 - MINIMUM ROLLER REQUIREMENTS FOR HMA				
	Breakdown Roller (one of the following)	Intermediate Roller	Final Roller (one or more of the following)	Density Requirement
Binder and Surface ^{1/}	V _D , P ^{3/} , T _B , 3W, O _T , O _B	P ^{3/} , O _T , O _B	V _S , T _B , T _F , O _T	As specified in Articles: 1030.05(d)(3), (d)(4), and (d)(7).
IL-4.75 and SMA ^{4/ 5/}	T _B , 3W, O _T	- -	T _F , 3W, O _T	
Bridge Decks ^{2/}	T _B	- -	T _F	As specified in Articles 582.05 and 582.06.

3/ A vibratory roller (V_D) or oscillatory roller (O_T or O_B) may be used in lieu of the pneumatic-tired roller on mixtures containing polymer modified asphalt binder.”

Add the following to EQUIPMENT DEFINITION in Article 406.07(a) contained in the Errata of the Supplemental Specifications:

“O_T - Oscillatory roller, tangential impact mode. Maximum speed is 3.0 mph (4.8 km/h) or 264 ft/min (80 m/min).

O_B - Oscillatory roller, tangential and vertical impact mode, operated at a speed to produce not less than 10 vertical impacts/ft (30 impacts/m).”

Basis of Payment. Replace the second through the fifth paragraphs of Article 406.14 with the following:

“HMA binder and surface courses will be paid for at the contract unit price per ton (metric ton) for MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS; HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), of the Ndesign specified; HOT-MIX ASPHALT BINDER COURSE, of the mixture composition and Ndesign specified; HOT-MIX ASPHALT SURFACE COURSE, of the mixture composition, friction aggregate, and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), of the Ndesign specified; POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, of the mixture composition and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, of the mixture composition, friction aggregate, and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, of the mixture composition and Ndesign specified; POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, of the mixture composition, friction aggregate, and Ndesign specified.”

80416

HOT-MIX ASPHALT – LONGITUDINAL JOINT SEALANT (BDE)

Effective: August 1, 2018

Revised: November 1, 2019

Add the following to Article 406.02 of the Standard Specifications.

“(d) Longitudinal Joint Sealant (LJS)1032”

Add the following to Article 406.03 of the Standard Specifications.

“(k) Longitudinal Joint Sealant (LJS) Pressure Distributor (Note 2)

(l) Longitudinal Joint Sealant (LJS) Melter Kettle (Note 3)

Note 2. When a pressure distributor is used to apply the LJS, the distributor shall be equipped with a heating and recirculating system along with a functioning auger agitating system or vertical shaft mixer in the hauling tank to prevent localized overheating. The distributor shall be equipped with a guide or laser system to aid in proper placement of the LJS application.

Note 3. When a melter kettle is used to transport and apply the LJS, the melter kettle shall be an oil jacketed double-boiler with agitating and recirculating systems. Material from the kettle may be dispensed through a pressure feed wand with an applicator shoe or through a pressure feed wand into a hand-operated thermal push cart.”

Revise Article 406.06(g)(2) of the Standard Specifications to read:

“(2) Longitudinal Joints. Unless prohibited by stage construction, any HMA lift shall be complete before construction of the subsequent lift. The longitudinal joint in all lifts shall be at the centerline of the pavement if the roadway comprises two lanes in width, or at lane width if the roadway is more than two lanes in width.

When stage construction prohibits the total completion of a particular lift, the longitudinal joint in one lift shall be offset from the longitudinal joint in the preceding lift by not less than 3 in. (75 mm). The longitudinal joint in the surface course shall be at the centerline of the pavement if the roadway comprises two lanes in width, or at lane width if the roadway is more than two lanes in width.

A notched wedge longitudinal joint shall be used between successive passes of HMA binder course that has a difference in elevation of greater than 2 in. (50 mm) between lanes on pavement that is open to traffic.

The notched wedge longitudinal joint shall consist of a 1 to 1 1/2 in. (25 to 38 mm) vertical notch at the lane line, a 9 to 12 in. (230 to 300 mm) wide uniform taper sloped toward and extending into the open lane, and a second 1 to 1 1/2 in. (25 to 38 mm) vertical notch at the outside edge.

The notched wedge longitudinal joint shall be formed by the strike off device on the paver. The wedge shall then be compacted by the joint roller.

Tack coat shall be applied to the entire surface of the notched wedge joint immediately prior to placing the adjacent lift of binder. The material shall be uniformly applied at a rate of 0.05 to 0.1 gal/sq yd (0.2 to 0.5 L/sq m).

When the use of longitudinal joint sealant (LJS) is specified, the surface to which the LJS is applied shall be thoroughly cleaned and dry. The LJS may be placed before or after the tack coat. When placed after the tack coat, the tack shall be fully cured prior to placement of the LJS.

The LJS shall be applied in a single pass with a pressure distributor, melter kettle, or hand applied from a roll. At the time of installation, the pavement surface temperature and the ambient temperature shall be a minimum of 40 °F (4 °C) and rising.

The LJS shall be applied at a width of 18 in. (450 mm) \pm 1 1/2 in. (38 mm) and centered \pm 2 in. (\pm 50 mm) under the joint of the next HMA lift to be constructed. If the LJS flows more than 2 in. (50 mm) from the initial placement width, LJS placement shall stop and remedial action shall be taken.

When starting another run of LJS placement, suitable release paper shall be placed over the previous application of LJS to prevent doubling up of thickness of LJS.

The application rate of LJS shall be according to the following.

LJS Application Table			
Overlay Thickness in. (mm)	Coarse Graded Application Rate ^{1/} (IL-19.0, IL-19.0L, IL-9.5, IL-9.5L, IL-4.75) lb/ft (kg/m)	Fine Graded Application Rate ^{1/} lb/ft (kg/m)	SMA Mixtures ^{1/2/}
3/4 (19)	0.88 (1.31)		
1 (25)	1.15 (1.71)		
1 1/4 (32)	1.31 (1.95)	0.88 (1.31)	
1 1/2 (38)	1.47 (2.19)	0.95 (1.42)	1.26 (1.88)
1 3/4 (44)	1.63 (2.43)	1.03 (1.54)	1.38 (2.06)
2 (50)	1.80 (2.68)	1.11 (1.65)	1.51 (2.25)
\geq 2 1/4 (60)	1.96 (2.92)		

^{1/} The application rate has a surface demand for liquid included within it. The thickness of the LJS may taper from the center of the application to a lesser thickness on the edge of the application, provided the correct width and application rate are maintained.

2/ If the joint is between SMA and either Coarse Graded or Fine Graded, the SMA rate shall be used.

The Contractor shall furnish to the Engineer a bill of lading for each tanker supplying material to the project. The application rate of LJS shall be verified within the first 1000 ft (300 m) of the day's placement and every 12,000 ft (3600 m) thereafter. A suitable paper or pan shall be placed at a random location in the path of the LJS. After application of the LJS, the paper or pan shall be picked up, weighed, and the application rate calculated. The tolerance between the application rate shown in the LJS Application Table and the calculated rate shall be ± 10 percent. The LJS shall be replaced in the area where the sample was taken.

A 1 qt (1 L) sample shall be taken from the pressure distributor or melting kettle at the jobsite once for each contract and sent to the Central Bureau of Materials.

The LJS shall be suitable for construction traffic to drive on without pickup or tracking of the LJS within 30 minutes of placement. If pickup or tracking occurs, LJS placement shall stop and damaged areas shall be repaired.

Prior to paving, the Contractor shall ensure the paver end plate and grade control device is adequately raised above the finished height of the LJS.

The LJS shall not flush to the final surface of the HMA pavement."

Add the following paragraph after the second paragraph of Article 406.13(b) of the Standard Specifications.

"Application of longitudinal joint sealant (LJS) will be measured for payment in place in feet (meters)."

Add the following paragraph after the first paragraph of Article 406.14 of the Standard Specifications.

"Longitudinal joint sealant will be paid for at the contract unit price per foot (meter) for LONGITUDINAL JOINT SEALANT."

Add the following to Section 1032 of the Standard Specifications.

"1032.12 Longitudinal Joint Sealant (LJS). Longitudinal joint sealant (LJS) will be accepted according to the current Bureau of Materials and Physical Research Policy Memorandum, "Performance Graded Asphalt Binder Acceptance Procedure" with the following exceptions: Article 3.1.9 and 3.4.1.4 of the policy memorandum will be excluded. The bituminous material used for the LJS shall be according to the following table. Elastomers shall be added to a base asphalt and shall be either a styrene-butadiene diblock or triblock copolymer without oil extension, or a styrene-butadiene rubber. Air blown asphalt, acid modification, or other modifiers will not be allowed. LJS in the form of pre-formed rollout banding may also be used.

Test	Test Requirement	Test Method
Dynamic shear @ 88°C (unaged), G*/sin δ , kPa	1.00 min.	AASHTO T 315
Creep stiffness @ -18°C (unaged), Stiffness (S), MPa m-value	300 max. 0.300 min.	AASHTO T 313
Ash, %	1.0 – 4.0	AASHTO T 111
Elastic Recovery, 100 mm elongation, cut immediately, 25°C, %	70 min.	ASTM D 6084 (Procedure A)
Separation of Polymer, Difference in °C of the softening point (ring and ball)	3 max.	ITP Separation of Polymer from Asphalt Binder"

80398

MOBILIZATION (BDE)

Effective: April 1, 2020

Replace Articles 671.02(a), (b), and (c) of the Standard Specifications with the following:

- “(a) Upon execution of the contract, 90 percent of the pay item will be paid.
- (b) When 90 percent of the adjusted contract value is earned, the remaining ten percent of the pay item will be paid along with any amount bid in excess of six percent of the original contract amount.”

80428

RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES (BDE)

Effective: November 1, 2012

Revised: January 2, 2021

Revise Section 1031 of the Standard Specifications to read:

"SECTION 1031. RECLAIMED ASPHALT PAVEMENT AND RECLAIMED ASPHALT SHINGLES

1031.01 Description. Reclaimed asphalt pavement and reclaimed asphalt shingles shall be according to the following.

- (a) Reclaimed Asphalt Pavement (RAP). RAP is the material produced by cold milling or crushing an existing hot-mix asphalt (HMA) pavement. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.
- (b) Reclaimed Asphalt Shingles (RAS). RAS is the material produced from the processing and grinding of preconsumer or post-consumer shingles. RAS shall be a clean and uniform material with a maximum of 0.5 percent unacceptable material by weight of RAS, as defined in the Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Sources". RAS shall come from a facility source on the Department's "Qualified Producer List of Certified Sources for Reclaimed Asphalt Shingles" where it shall be ground and processed to 100 percent passing the 3/8 in. (9.5 mm) sieve and 93 percent passing the #4 (4.75 mm) sieve based on a dry shake gradation. RAS shall be uniform in gradation and asphalt binder content and shall meet the testing requirements specified herein. In addition, RAS shall meet the following Type 1 or Type 2 requirements.
 - (1) Type 1. Type 1 RAS shall be processed, preconsumer asphalt shingles salvaged from the manufacture of residential asphalt roofing shingles.
 - (2) Type 2. Type 2 RAS shall be processed post-consumer shingles only, salvaged from residential, or four unit or less dwellings not subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP).

1031.02 Stockpiles. RAP and RAS stockpiles shall be according to the following.

- (a) RAP Stockpiles. The Contractor shall construct individual RAP stockpiles meeting one of the following definitions. Stockpiles shall be sufficiently separated to prevent intermingling at the base. Stockpiles shall be identified by signs indicating the type as listed below (i.e. "Homogeneous Surface").

Prior to milling, the Contractor shall request the Department provide documentation on the quality of the RAP to clarify the appropriate stockpile.

- (1) Fractionated RAP (FRAP). FRAP shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. FRAP shall be fractionated prior to testing by screening into a minimum of two size fractions with the separation occurring on or between the No. 4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP in the coarse fraction shall pass the maximum sieve size specified for the mixture composition of the mix design.
- (2) Homogeneous. Homogeneous RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures and represent: 1) the same aggregate quality, but shall be at least C quality; 2) the same type of crushed aggregate (either crushed natural aggregate, ACBF slag, or steel slag); 3) similar gradation; and 4) similar asphalt binder content. If approved by the Engineer, combined single pass surface/binder millings may be considered "homogeneous" with a quality rating dictated by the lowest coarse aggregate quality present in the mixture.
- (3) Conglomerate. Conglomerate RAP stockpiles shall consist of RAP from Class I, HMA (High and Low ESAL) mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. This RAP may have an inconsistent gradation and/or asphalt binder content prior to processing. Conglomerate RAP shall be processed prior to testing by crushing to where all RAP shall pass the 5/8 in. (16 mm) or smaller screen. Conglomerate RAP stockpiles shall not contain steel slag.
- (4) Conglomerate "D" Quality (Conglomerate DQ). Conglomerate DQ RAP stockpiles shall be according to Articles 1031.02(a)(1)-1031.02(a)(3), except they may also consist of RAP from HMA shoulders, bituminous stabilized subbases, or HMA (High or Low ESAL) binder mixture. The coarse aggregate in this RAP may be crushed or round but shall be at least D quality. This RAP may have an inconsistent gradation and/or asphalt binder content.
- (5) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP/FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, non-bituminous surface treatment (i.e. high friction surface treatments), pavement fabric, joint sealants, plant cleanout, etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.

- (b) RAS Stockpiles. Type 1 and Type 2 RAS shall be stockpiled separately and shall not be intermingled. Each stockpile shall be signed indicating what type of RAS is present.

Unless otherwise specified by the Engineer, mechanically blending manufactured sand (FM 20 or FM 22) or fine FRAP up to an equal weight of RAS with the processed RAS will be permitted to improve workability. The sand shall be B quality or better from an

approved Aggregate Gradation Control System source. The sand shall be accounted for in the mix design and during HMA production.

Records identifying the shingle processing facility supplying the RAS, RAS type, and lot number shall be maintained by project contract number and kept for a minimum of three years.

Additional processed RAP/FRAP/RAS shall be stockpiled in a separate working pile, as designated in the QC Plan, and only added to the original stockpile after the test results for the working pile are found to meet the requirements specified in Articles 1031.03 and 1031.04.

1031.03 Testing. RAP/FRAP and RAS testing shall be according to the following.

(a) RAP/FRAP Testing. When used in HMA, the RAP/FRAP shall be sampled and tested either during or after stockpiling.

(1) During Stockpiling. For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2,000 tons (1,800 metric tons) and one sample per 2,000 tons (1,800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4,000 tons (3,600 metric tons).

(2) After Stockpiling. For testing after stockpiling, the Contractor shall submit a plan for approval to the Department proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restockpiling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

Each sample shall be split to obtain two equal samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall perform a washed extraction on the other test sample according to Illinois Modified AASHTO T 164. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

(b) RAS Testing. RAS or RAS blended with manufactured sand shall be sampled and tested during stockpiling according to the Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Shingle (RAS) Source".

Samples shall be collected during stockpiling at the minimum frequency of one sample per 200 tons (180 metric tons) for the first 1,000 tons (900 metric tons) and one sample per 500 tons (450 metric tons) or a minimum of once per week; whichever is more frequent, thereafter. A minimum of five samples are required for stockpiles less than 1,000 tons (900 metric tons).

Before testing, each sample shall be split to obtain two test samples. One of the two test samples from the final split shall be labeled and stored for Department use. The

Contractor shall perform a washed extraction and test for unacceptable materials on the other test sample according to Illinois Modified AASHTO T 164. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

The Contractor shall obtain and make available all of the test results from the start of the original stockpile.

1031.04 Evaluation of Tests. Evaluation of test results shall be according to the following.

- (a) Limits of Precision. The limits of precision between the Contractor's and the Department's split sample test results shall be according to the following.

Test Parameter	Limits of Precision		
	RAP	FRAP	RAS
% Passing			
1/2 in. (12.5 mm)	6.0 %	5.0 %	
# 4 (4.75 mm)	6.0 %	5.0 %	
# 8 (2.36 mm)	4.0 %	3.0 %	4.0 %
# 30 (600 μ m)	3.0 %	2.0 %	4.0 %
# 200 (75 μ m)	2.5 %	2.2 %	4.0 %
Asphalt Binder	0.4 %	0.3 %	3.0 %
G _{mm}	0.035	0.030	

If the test results are outside the above limits of precision, the Department will immediately investigate.

- (b) Evaluation of RAP/FRAP Test Results. All of the extraction results shall be compiled and averaged for asphalt binder content and gradation, and when applicable G_{mm}. Individual extraction test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	FRAP/Homogeneous/ Conglomerate
1 in. (25 mm)	
1/2 in. (12.5 mm)	± 8 %
# 4 (4.75 mm)	± 6 %
# 8 (2.36 mm)	± 5 %
# 16 (1.18 mm)	
# 30 (600 μ m)	± 5 %
# 200 (75 μ m)	± 2.0 %
Asphalt Binder	± 0.4 % ^{1/}
G _{mm}	± 0.03 ^{2/}

1/ The tolerance for FRAP shall be ± 0.3 percent.

- 2/ For stockpile with slag or steel slag present as determined in the current Manual of Test Procedures Appendix B 21, "Determination of Aggregate Bulk (Dry) Specific Gravity (G_{sb}) of Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)".

If more than 20 percent of the test results for an individual parameter (individual sieves, G_{mm} , and/or asphalt binder content) are out of the above tolerances, the RAP/FRAP shall not be used in HMA unless the RAP/FRAP representing the failing tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the Department for evaluation.

With the approval of the Engineer, the ignition oven may be substituted for solvent extractions according to the document "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)".

- (c) Evaluation of RAS and RAS Blended with Manufactured Sand or Fine FRAP Test Results. All of the test results, with the exception of percent unacceptable materials, shall be compiled and averaged for asphalt binder content and gradation. Individual test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	RAS
# 8 (2.36 mm)	$\pm 5 \%$
# 16 (1.18 mm)	$\pm 5 \%$
# 30 (600 μm)	$\pm 4 \%$
# 200 (75 μm)	$\pm 2.5 \%$
Asphalt Binder Content	$\pm 2.0 \%$

If more than 20 percent of the test results for an individual parameter (individual sieves and/or asphalt binder content) are out of the above tolerances, or if the unacceptable material exceeds 0.5 percent by weight of material retained on the No. 4 (4.75 mm) sieve, the RAS or RAS blend shall not be used in Department projects. All test data and acceptance ranges shall be sent to the Department for evaluation.

1031.05 Quality Designation of Aggregate in RAP/FRAP.

- (a) RAP. The aggregate quality of the RAP for homogeneous, conglomerate, and conglomerate DQ stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.
- (1) RAP from Class I, HMA (High ESAL), or (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.
 - (2) RAP from Class I binder, HMA (High ESAL) binder, or (Low ESAL) IL-19.0L binder mixtures are designated as containing Class C quality coarse aggregate.

- (3) RAP from BAM stabilized subbase and BAM shoulders are designated as containing Class D quality coarse aggregate.
- (b) FRAP. If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer.

If the quality is not known, the quality shall be determined as follows. Coarse and fine FRAP stockpiles containing plus No. 4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5,000 tons (4,500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant laboratory prequalified by the Department for the specified testing. The consultant laboratory shall submit the test results along with the recovered aggregate sample to the District Office. Consultant laboratory services will be at no additional cost to the Department. The District will forward the sample to the Central Bureau of Materials Aggregate Lab for MicroDeval Testing, according to ITP 327. A maximum loss of 15.0 percent will be applied for all HMA applications.

1031.06 Use of RAP/FRAP and/or RAS in HMA. The use of RAP/FRAP and/or RAS shall be the Contractor's option when constructing HMA in all contracts.

- (a) RAP/FRAP. The use of RAP/FRAP in HMA shall be as follows.

- (1) Coarse Aggregate Size. The coarse aggregate in all RAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.
- (2) Steel Slag Stockpiles. Homogeneous RAP stockpiles containing steel slag will be approved for use in all HMA (High ESAL and Low ESAL) surface and binder mixture applications.
- (3) Use in HMA Surface Mixtures (High and Low ESAL). RAP/FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall be FRAP or homogeneous in which the coarse aggregate is Class B quality or better. FRAP from conglomerate stockpiles shall be considered equivalent to limestone for frictional considerations. Known frictional contributions from plus No. 4 (4.75 mm) homogeneous FRAP stockpiles will be accounted for in meeting frictional requirements in the specified mixture.
- (4) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. RAP/FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP, homogeneous, or conglomerate, in which the coarse aggregate is Class C quality or better.
- (5) Use in Shoulders and Subbase. RAP/FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, homogeneous, or conglomerate.

- (6) When the Contractor chooses the RAP option, the percentage of RAP shall not exceed the amounts indicated in Article 1031.06(c)(1) below for a given Ndesign.
- (b) RAS. RAS meeting Type 1 or Type 2 requirements will be permitted in all HMA applications as specified herein.
- (c) RAP/FRAP and/or RAS Usage Limits. Type 1 or Type 2 RAS may be used alone or in conjunction with RAP or FRAP in HMA mixtures up to a maximum of 5.0 percent by weight of the total mix.
- (1) RAP/RAS. When RAP is used alone or RAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement (ABR) shall not exceed the amounts listed in the following table.

HMA Mixtures - RAP/RAS Maximum ABR % ^{1/2/}			
Ndesign	Binder	Surface	Polymer Modified Binder or Surface
30	30	30	10
50	25	15	10
70	15	10	10
90	10	10	10

- 1/ For Low ESAL HMA shoulder and stabilized subbase, the RAP/RAS ABR shall not exceed 50 percent of the mixture.
- 2/ When RAP/RAS ABR exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).
- (2) FRAP/RAS. When FRAP is used alone or FRAP is used in conjunction with RAS, the percentage of virgin asphalt binder replacement shall not exceed the amounts listed in the following table.

HMA Mixtures - FRAP/RAS Maximum ABR % ^{1/2/}			
Ndesign	Binder	Surface	Polymer Modified Binder or Surface
30	55	45	15
50	45	40	15
70	45	35	15
90	45	35	15
SMA	--	--	25

IL-4.75	- -	- -	35
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- 1/ For Low ESAL HMA shoulder and stabilized subbase, the FRAP/RAS ABR shall not exceed 50 percent of the mixture.
- 2/ When FRAP/RAS ABR exceeds 20 percent for all mixes, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent ABR would require a virgin asphalt binder grade of PG 64-22 to be reduced to a PG 58-28).

1031.07 HMA Mix Designs. At the Contractor's option, HMA mixtures may be constructed utilizing RAP/FRAP and/or RAS material meeting the detailed requirements specified herein.

- (a) RAP/FRAP and/or RAS. RAP/FRAP and/or RAS mix designs shall be submitted for verification. If additional RAP/FRAP and/or RAS stockpiles are tested and found that no more than 20 percent of the individual parameter test results, as defined in Article 1031.04, are outside of the control tolerances set for the original RAP/FRAP and/or RAS stockpile and HMA mix design, and meets all of the requirements herein, the additional RAP/FRAP and/or RAS stockpiles may be used in the original mix design at the percent previously verified.
- (b) RAS. Type 1 and Type 2 RAS are not interchangeable in a mix design.

The RAP, FRAP, and RAS stone bulk specific gravities (G_{sb}) shall be according to the "Determination of Aggregate Bulk (Dry) Specific Gravity (G_{sb}) of Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)" procedure in the Department's Manual of Test Procedures for Materials.

1031.08 HMA Production. HMA production utilizing RAP/FRAP and/or RAS shall be as follows.

To remove or reduce agglomerated material, a scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAP/FRAP and/or RAS feed system to remove or reduce oversized material.

If the RAP/FRAP and/or RAS control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAP/FRAP and/or RAS and either switch to the virgin aggregate design or submit a new mix design.

- (a) RAP/FRAP. The coarse aggregate in all RAP/FRAP used shall be equal to or less than the nominal maximum size requirement for the HMA mixture being produced.
- (b) RAS. RAS shall be incorporated into the HMA mixture either by a separate weight depletion system or by using the RAP weigh belt. Either feed system shall be interlocked with the aggregate feed or weigh system to maintain correct proportions for all rates of production and batch sizes. The portion of RAS shall be controlled accurately to within

± 0.5 percent of the amount of RAS utilized. When using the weight depletion system, flow indicators or sensing devices shall be provided and interlocked with the plant controls such that the mixture production is halted when RAS flow is interrupted.

- (c) RAP/FRAP and/or RAS. HMA plants utilizing RAP/FRAP and/or RAS shall be capable of automatically recording and printing the following information.

(1) Dryer Drum Plants.

- a. Date, month, year, and time to the nearest minute for each print.
- b. HMA mix number assigned by the Department.
- c. Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- d. Accumulated dry weight of RAP/FRAP/RAS in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- e. Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.
- f. Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.
- g. Residual asphalt binder in the RAP/FRAP/RAS material as a percent of the total mix to the nearest 0.1 percent.
- h. Aggregate and RAP/FRAP/RAS moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAP/FRAP/RAS are recorded in a wet condition.)
- i. A positive dust control system shall be utilized when the combined contribution of reclaimed material passing the No. 200 sieve exceeds 1.5 percent.

(2) Batch Plants.

- a. Date, month, year, and time to the nearest minute for each print.
- b. HMA mix number assigned by the Department.
- c. Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).
- d. Mineral filler weight to the nearest pound (kilogram).
- e. RAP/FRAP/RAS weight to the nearest pound (kilogram).

- f. Virgin asphalt binder weight to the nearest pound (kilogram).
- g. Residual asphalt binder in the RAP/FRAP/RAS material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.

1031.09 RAP in Aggregate Applications. RAP in aggregate applications shall be according to the Bureau of Materials Policy Memorandum, "Reclaimed Asphalt Pavement (RAP) for Aggregate Applications" and the following.

- (a) RAP in Aggregate Surface Course and Aggregate Wedge Shoulders, Type B. The use of RAP in aggregate surface course (temporary access entrances only) and aggregate wedge shoulders, Type B shall be as follows.
 - (1) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except "Non-Quality" and "FRAP". The testing requirements of Article 1031.03 shall not apply.
 - (2) Gradation. One hundred percent of the RAP material shall pass the 1 1/2 in. (37.5 mm) sieve. The RAP material shall be reasonably well graded from coarse to fine. RAP material that is gap-graded or single sized will not be accepted.
- (b) RAP in Aggregate Subgrade Improvement (ASI). RAP in ASI shall be according to Article 1031.06, except "Conglomerate DQ" and "Non-Quality" may be used."

SILT FENCE, INLET FILTERS, GROUND STABILIZATION AND RIPRAP FILTER FABRIC (BDE)

Effective: November 1, 2019

Revised: April 1, 2020

Revise Article 280.02(m) and add Article 280.02(n) so the Standard Specifications read:

“(m) Above Grade Inlet Filter (Fitted)..... 1081.15(j)
 (n) Above Grade Inlet Filter (Non-Fitted)..... 1081.15(k)”

Revise the last sentence of the first paragraph in Article 280.04(c) of the Standard Specifications to read:

“The protection shall be constructed with hay or straw bales, silt filter fence, above grade inlet filters (fitted and non-fitted), or inlet filters.

Revise the first sentence of the second paragraph in Article 280.04(c) of the Standard Specifications to read:

“When above grade inlet filters (fitted and non-fitted) are specified, they shall be of sufficient size to completely span and enclose the inlet structure.”

Revise Article 1080.02 of the Standard Specifications to read:

“**1080.02 Geotextile Fabric.** The fabric for silt filter fence shall consist of woven fabric meeting the requirements of AASHTO M 288 for unsupported silt fence.

The fabric for ground stabilization shall consist of woven yarns or nonwoven filaments of polyolefins or polyesters. Woven fabrics shall be Class 2 and nonwoven fabrics shall be Class 1 according to AASHTO M 288.

The physical properties for silt fence and ground stabilization fabrics shall be according to the following.

PHYSICAL PROPERTIES			
	Silt Fence Woven ^{1/}	Ground Stabilization Woven ^{2/}	Ground Stabilization Nonwoven ^{2/}
Grab Strength, lb (N) ^{3/} ASTM D 4632	123 (550) MD 101 (450) XD	247 (1100) min. ^{4/}	202 (900) min. ^{4/}
Elongation/Grab Strain, % ASTM D 4632 ^{4/}	49 max.	49 max.	50 min.
Trapezoidal Tear Strength, lb (N) ASTM D 4533 ^{4/}	--	90 (400) min.	79 (350) min.

Puncture Strength, lb (N) ASTM D 6241 ^{4/}	--	494 (2200) min.	433 (1925) min.
Apparent Opening Size, Sieve No. (mm) ASTM D 4751 ^{5/}	30 (0.60) max.	40 (0.43) max.	40 (0.43) max.
Permittivity, sec ⁻¹ ASTM D 4491	0.05 min.		
Ultraviolet Stability, % retained strength after 500 hours of exposure ASTM D 4355	70 min.	50 min.	50 min.

- 1/ NTPEP results or manufacturer's certification to meet test requirements.
- 2/ NTPEP results to meet test requirements. Manufacturer shall have public release status and current reports on laboratory results in Test Data of NTPEP's DataMine.
- 3/ MD = Machine direction. XD = Cross-machine direction.
- 4/ Values represent the minimum average roll value (MARV) in the weaker principle direction, MD or XD.
- 5/ Values represent the maximum average roll value."

Revise Article 1080.03 of the Standard Specifications to read:

"1080.03 Filter Fabric. The filter fabric shall consist of woven yarns or nonwoven filaments of polyolefins or polyesters. Woven fabrics shall be Class 3 for riprap gradations RR 4 and RR 5, and Class 2 for RR 6 and RR 7 according to AASHTO M 288. Woven slit film geotextiles (i.e. geotextiles made from yarns of a flat, tape-like character) shall not be permitted. Nonwoven fabrics shall be Class 2 for riprap gradations RR 4 and RR 5, and Class 1 for RR 6 and RR 7 according to AASHTO M 288. After forming, the fabric shall be processed so that the yarns or filaments retain their relative positions with respect to each other. The fabric shall be new and undamaged.

The filter fabric shall be manufactured in widths of not less than 6 ft (2 m). Sheets of fabric may be sewn together with thread of a material meeting the chemical requirements given for the yarns or filaments to form fabric widths as required. The sheets of filter fabric shall be sewn together at the point of manufacture or another approved location.

The filter fabric shall be according to the following.

PHYSICAL PROPERTIES ^{1/}				
	Gradation Nos. RR 4 & RR 5		Gradation Nos. RR 6 & RR 7	
	Woven	Nonwoven	Woven	Nonwoven
Grab Strength, lb (N) ASTM D 4632 ^{2/}	180 (800) min.	157 (700) min.	247 (1100) min.	202 (900) min.
Elongation/Grab Strain, % ASTM D 4632 ^{2/}	49 max.	50 min.	49 max.	50 min.
Trapezoidal Tear Strength, lb (N) ASTM D 4533 ^{2/}	67 (300) min.	56 (250) min.	90 (400) min.	79 (350) min.
Puncture Strength, lb (N) ASTM D 6241 ^{2/}	370 (1650) min.	309 (1375) min.	494 (2200) min.	433 (1925) min.
Ultraviolet Stability, % retained strength after 500 hours of exposure - ASTM D 4355	50 min.			

1/ NTPEP results to meet test requirements. Manufacturer shall have public release status and current reports on laboratory results in Test Data of NTPEP's DataMine.

2/ Values represent the minimum average roll value (MARV) in the weaker principle direction [machine direction (MD) or cross-machine direction (XD)].

As determined by the Engineer, the filter fabric shall meet the requirements noted in the following after an onsite investigation of the soil to be protected.

Soil by Weight (Mass) Passing the No. 200 sieve (75 μ m), %	Apparent Opening Size, Sieve No. (mm) - ASTM D 4751 ^{1/}	Permittivity, sec ⁻¹ ASTM D 4491
49 max.	60 (0.25) max.	0.2 min.
50 min.	70 (0.22) max.	0.1 min.

1/ Values represent the maximum average roll value."

Revise Article 1081.15(h)(3)a of the Standard Specifications to read:

"a. Inner Filter Fabric Bag. The inner filter fabric bag shall be constructed of woven yarns or nonwoven filaments made of polyolefins or polyesters with a minimum silt and debris capacity of 2.0 cu ft (0.06 cu m). Woven fabric shall be Class 3 and nonwoven fabric shall be Class 2 according to AASHTO M 288. The fabric bag shall be according to the following.

PHYSICAL PROPERTIES		
	Woven	Nonwoven
Grab Strength, lb (N) ASTM D 4632 ^{1/}	180 (800) min.	157 (700) min.
Elongation/Grab Strain, % ASTM D 4632 ^{1/}	49 max.	50 min.
Trapezoidal Tear Strength, lb (N) ASTM D 4533 ^{1/}	67 (300) min.	56 (250) min.
Puncture Strength, lb (N) ASTM D 6241 ^{1/}	370 (1650) min.	309 (1375) min.
Apparent Opening Size, Sieve No. (mm) ASTM D 4751 ^{2/}	60 (0.25) max.	
Permittivity, sec ⁻¹ ASTM D 4491	2.0 min.	
Ultraviolet Stability, % retained strength after 500 hours of exposure – ASTM D 4355	70 min.	

1/ Values represent the minimum average roll value (MARV) in the weaker principle direction [machine direction (MD) or cross-machine direction (XD)].

2/ Values represent the maximum average roll value.”

Revise Article 1081.15(i)(1) of the Standard Specifications to read:

- “(i) Urethane Foam/Geotextile. Urethane foam/geotextile shall be triangular shaped having a minimum height of 10 in. (250 mm) in the center with equal sides and a minimum 20 in. (500 mm) base. The triangular shaped inner material shall be a low density urethane foam. The outer geotextile fabric cover shall consist of woven yarns or nonwoven filaments made of polyolefins or polyesters placed around the inner material and shall extend beyond both sides of the triangle a minimum of 18 in. (450 mm). Woven filter fabric shall be Class 3 and nonwoven filter fabric shall be Class 2 according to AASHTO M 288.

(1) The geotextile shall meet the following properties.

PHYSICAL PROPERTIES		
	Woven	Nonwoven
Grab Strength, lb (N) ASTM D 4632 ^{1/}	180 (800) min.	157 (700) min.
Elongation/Grab Strain, % ASTM D 4632 ^{1/}	49 max.	50 min.
Trapezoidal Tear Strength, lb (N) ASTM D 4533 ^{1/}	67 (300) min.	56 (250) min.
Puncture Strength, lb (N) ASTM D 6241 ^{1/}	370 (1650) min.	309 (1375) min.

Apparent Opening Size, Sieve No. (mm) ASTM D 4751 ^{2/}	30 (0.60) max.
Permittivity, sec ⁻¹ ASTM D 4491	2.0 min.
Ultraviolet Stability, % retained strength after 500 hours of exposure – ASTM D 4355	70 min.

1/ Values represent the minimum average roll value (MARV) in the weaker principle direction [machine direction (MD) or cross-machine direction (XD)].

2/ Values represent the maximum average roll value.”

Add the following to Article 1081.15(i) of the Standard Specifications.

“(3) Certification. The manufacturer shall furnish a certificate with each shipment of urethane foam/geotextile assemblies stating the amount of product furnished and that the material complies with these requirements.”

Revise the title and first sentence of Article 1081.15(j) of the Standards Specifications to read:

“(j) Above Grade Inlet Filters (Fitted). Above grade inlet filters (fitted) shall consist of a rigid polyethylene frame covered with a fitted geotextile filter fabric.”

Revise Article 1081.15(j)(2) of the Standard Specifications to read:

(2) Fitted Geotextile Filter Fabric. The fitted geotextile filter fabric shall consist of woven yarns or nonwoven filaments made of polyolefins or polyesters. Woven filter fabric shall be Class 3 and nonwoven filter fabric shall be Class 2 according to AASHTO M 288. The filter shall be fabricated to provide a direct fit to the frame. The top of the filter shall integrate a coarse screen with a minimum apparent opening size of 1/2 in. (13 mm) to allow large volumes of water to pass through in the event of heavy flows. The filter shall have integrated anti-buoyancy pockets capable of holding a minimum of 3.0 cu ft (0.08 cu m) of stabilization material. Each filter shall have a label with the following information sewn to or otherwise permanently adhered to the outside: manufacturer's name, product name, and lot, model, or serial number. The fitted geotextile filter fabric shall be according to the table in Article 1081.15(h)(3)a above.”

Add Article 1081.15(k) to the Standard Specifications to read:

“(k) Above Grade Inlet Filters (Non-Fitted). Above grade inlet filters (non-fitted) shall consist of a geotextile fabric surrounding a metal frame. The frame shall consist of either a) a circular cage formed of welded wire mesh, or b) a collapsible aluminum frame, as described below.

(1) Frame Construction.

- a) Welded Wire Mesh Frame. The frame shall consist of 6 in. x 6 in. (150 mm x 150 mm) welded wire mesh formed of #10 gauge (3.42 mm) steel conforming to ASTM A 185. The mesh shall be 30 in. (750 mm) tall and formed into a 42 in. (1.05 m) minimum diameter cylinder.
 - b) Collapsible Aluminum Frame. The collapsible aluminum frame shall consist of grade 6036 aluminum. The frame shall have anchor lugs that attach it to the inlet grate, which shall resist movement from water and debris. The collapsible joints of the frame shall have a locking device to secure the vertical members in place, which shall prevent the frame from collapsing while under load from water and debris.
- (2) Geotextile Fabric. The geotextile fabric shall consist of woven yarns or nonwoven filaments made of polyolefins or polyesters. The woven filter fabric shall be a Class 3 and the nonwoven filter fabric shall be a Class 2 according to AASHTO M 288. The geotextile fabric shall be according to the table in Article 1081.15(h)(3)a above.
- (3) Geotechnical Fabric Attachment to the Frame.
- a) Welded Wire Mesh Frame. The woven or nonwoven geotextile fabric shall be wrapped 3 in. (75 mm) over the top member of a 6 in. x 6 in. (150 mm x 150 mm) welded wire mesh frame and secured with fastening rings constructed of wire conforming to ASTM A 641, A 809, A 370, and A 938 at 6 in. (150 mm) on center. The fastening rings shall penetrate both layers of geotextile and securely close around the steel mesh. The geotextile shall be secured to the sides of the welded wire mesh with fastening rings at a spacing of 1 per sq ft (11 per sq m) and securely close around a steel member.
 - b) Collapsible Aluminum Frame. The woven or nonwoven fabric shall be secured to the aluminum frame along the top and bottom of the frame perimeter with strips of aluminum secured to the perimeter member, such that the anchoring system provides a uniformly distributed stress throughout the geotechnical fabric.
- (4) Certification. The manufacturer shall furnish a certificate with each shipment of above grade inlet filter assemblies stating the amount of product furnished and that the material complies with these requirements.”

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)

Effective: November 2, 2017

Revised: April 1, 2019

Replace the second paragraph of Article 109.12 of the Standard Specifications with the following:

“This mobilization payment shall be made at least seven days prior to the subcontractor starting work. The amount paid shall be at the following percentage of the amount of the subcontract reported on form BC 260A submitted for the approval of the subcontractor’s work.

Value of Subcontract Reported on Form BC 260A	Mobilization Percentage
Less than \$10,000	25%
\$10,000 to less than \$20,000	20%
\$20,000 to less than \$40,000	18%
\$40,000 to less than \$60,000	16%
\$60,000 to less than \$80,000	14%
\$80,000 to less than \$100,000	12%
\$100,000 to less than \$250,000	10%
\$250,000 to less than \$500,000	9%
\$500,000 to \$750,000	8%
Over \$750,000	7%”

80391

TRAFFIC CONTROL DEVICES - CONES (BDE)

Effective: January 1, 2019

Revise Article 701.15(a) of the Standard Specifications to read:

- “(a) Cones. Cones are used to channelize traffic. Cones used to channelize traffic at night shall be reflectorized; however, cones shall not be used in nighttime lane closure tapers or nighttime lane shifts.”

Revise Article 1106.02(b) of the Standard Specifications to read:

- “(b) Cones. Cones shall be predominantly orange. Cones used at night that are 28 to 36 in. (700 to 900 mm) in height shall have two white circumferential stripes. If non-reflective spaces are left between the stripes, the spaces shall be no more than 2 in. (50mm) in width. Cones used at night that are taller than 36 in. (900 mm) shall have a minimum of two white and two fluorescent orange alternating, circumferential stripes with the top stripe being fluorescent orange. If non-reflective spaces are left between the stripes, the spaces shall be no more than 3 in. (75 mm) in width.

The minimum weights for the various cone heights shall be 4 lb for 18 in. (2 kg for 450 mm), 7 lb for 28 in. (3 kg for 700 mm), and 10 lb for 36 in. (5 kg for 900 mm) with a minimum of 60 percent of the total weight in the base. Cones taller than 36 in. shall be weighted per the manufacturer's specifications such that they are not moved by wind or passing traffic.”

80409

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.”

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

SPECIAL PROVISION
FOR
INSURANCE

Effective: February 1, 2007
Revised: August 1, 2007

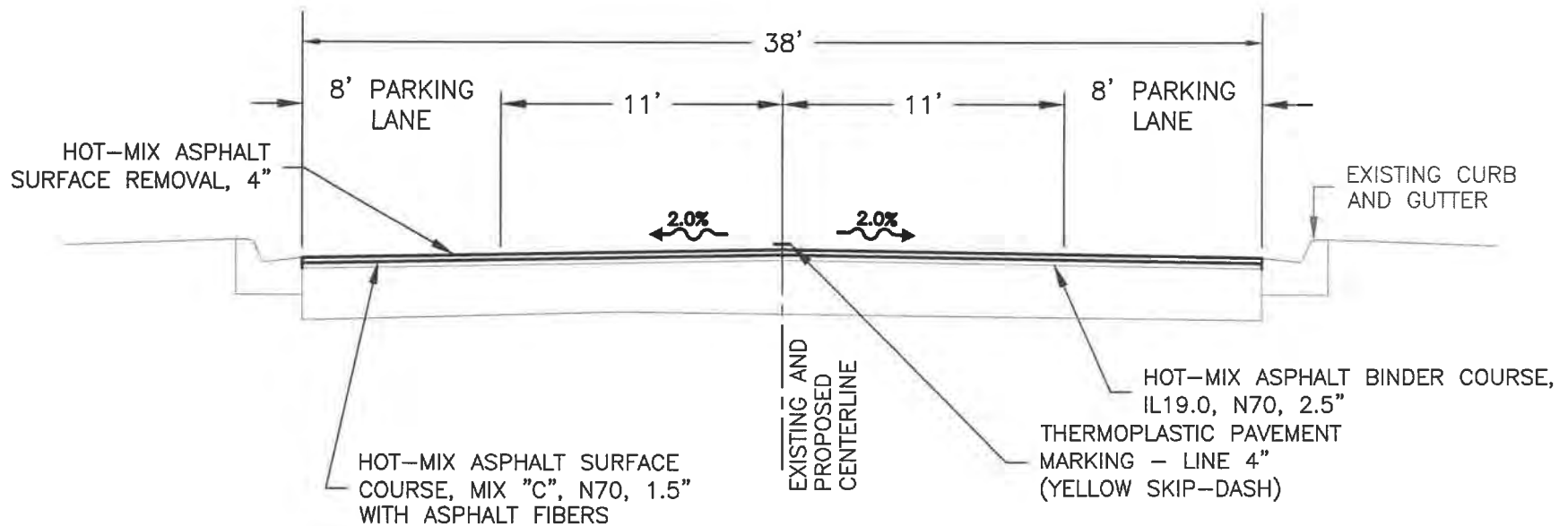
All references to Sections or Articles in this specification shall be construed to mean specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

During the contracting phase of this project, the Contractor shall contact Fehr Graham to determine the extent of the agencies that shall be named as additionally insured on this project. At a minimum, the following shall be named: The City of DeKalb, Fehr Graham, and all other agencies and representatives on-site under the direction of those entities shall be listed.

The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.

1ST STREET
(FROM TAYLOR STREET TO PROSPECT STREET)



**TYPICAL SECTIONS FOR
RESURFACING
CITY OF DEKALB**

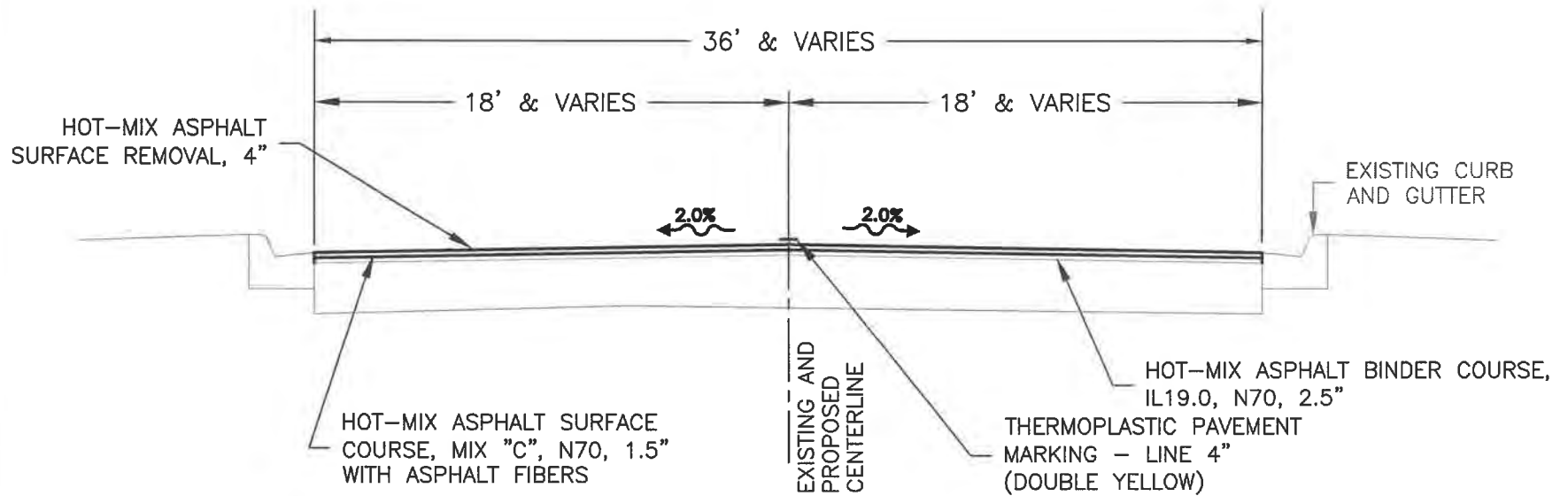
***LONGITUDINAL JOINT SEALANT, 18"
BAND TO BE APPLIED TO ALL
LONGITUDINAL JOINTS ON 1ST STREET**

2/12/21

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS
IOWA
WISCONSIN

1ST STREET (FROM PROSPECT STREET TO LINCOLN HIGHWAY)



TYPICAL SECTIONS FOR RESURFACING CITY OF DEKALB

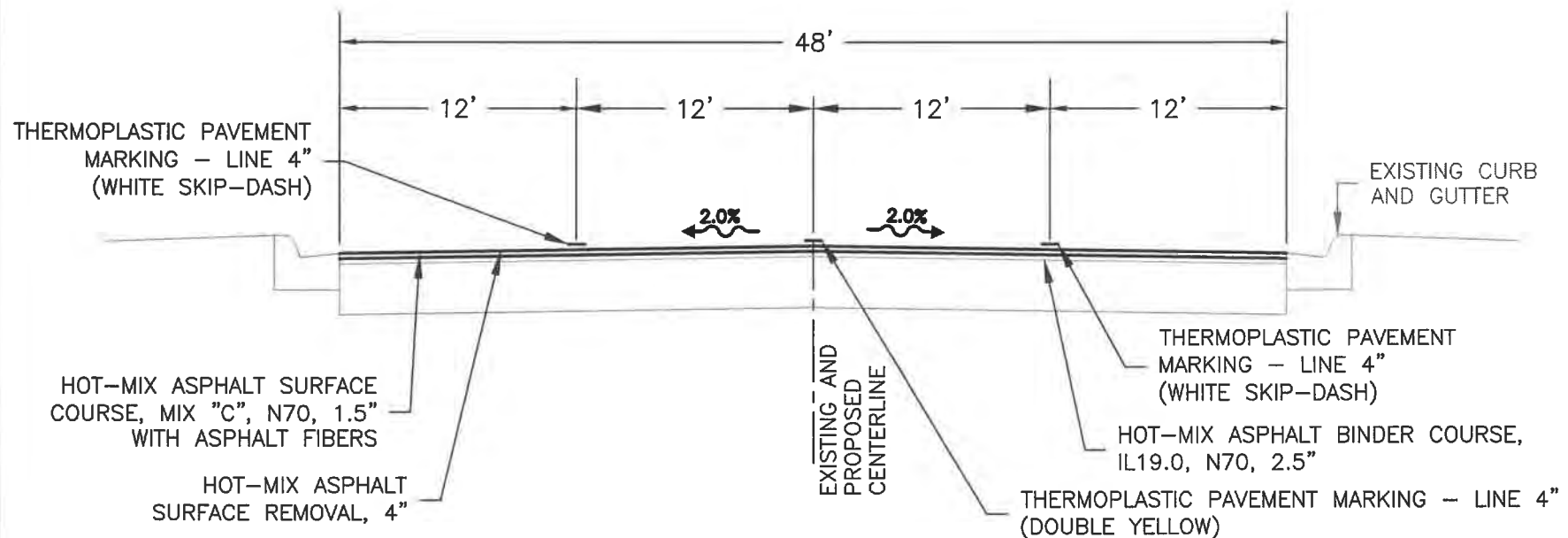
*LONGITUDINAL JOINT SEALANT, 18"
BAND TO BE APPLIED TO ALL
LONGITUDINAL JOINTS ON 1ST STREET

2/12/21

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS
IOWA
WISCONSIN

1ST STREET (FROM LINCOLN HIGHWAY TO AUGUSTA AVE)



TYPICAL SECTIONS FOR RESURFACING CITY OF DEKALB

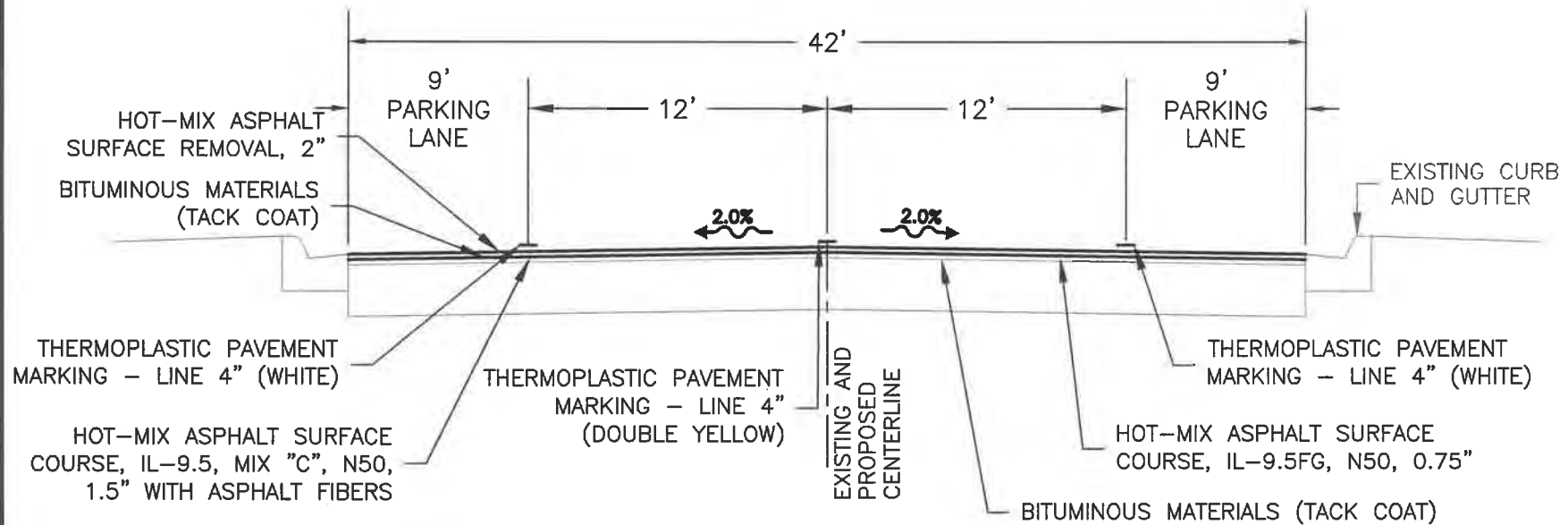
*LONGITUDINAL JOINT SEALANT, 18"
BAND TO BE APPLIED TO ALL
LONGITUDINAL JOINTS ON 1ST STREET

2/12/21

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS
IOWA
WISCONSIN

TAYLOR STREET (FROM LION'S PARK ENTRANCE TO 1ST STREET)



CORE NUMBER	LOCATION OF CORE	PAVEMENT THICKNESS (INCHES)
25	STA 1006+70	10" BITUMINOUS
27	STA 1016+60	8" BITUMINOUS

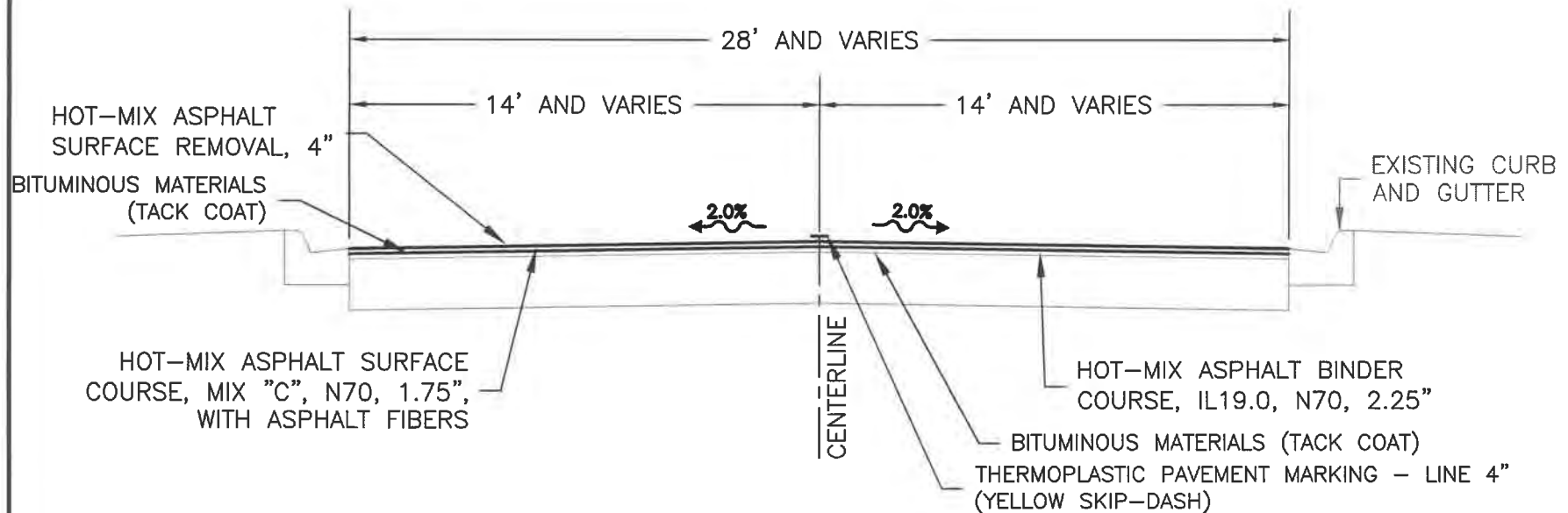
TYPICAL SECTIONS FOR RESURFACING CITY OF DEKALB

2/12/21

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS
IOWA
WISCONSIN

**7TH STREET
ALTERNATE BID #1**
(FROM FRANKLIN STREET TO LINCOLN HIGHWAY)



CORE NUMBER	LOCATION OF CORE	PAVEMENT THICKNESS (INCHES)
8	STA 108+25	11" BITUMINOUS

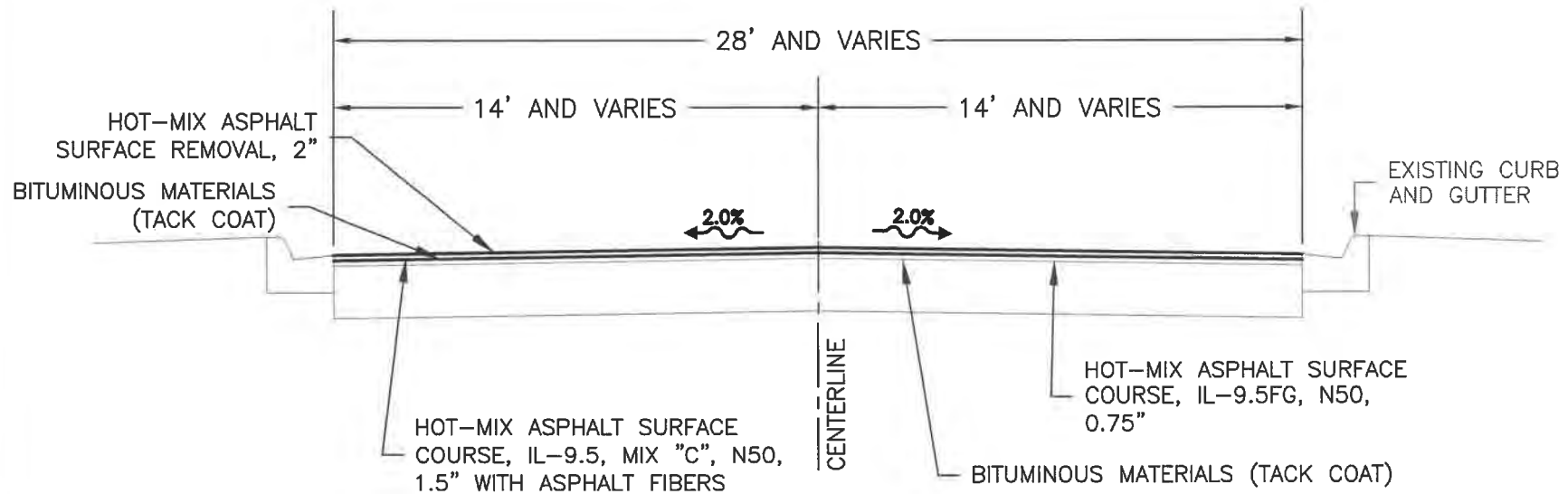
**TYPICAL SECTIONS FOR
RESURFACING
CITY OF DEKALB**

2/12/21

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS
IOWA
WISCONSIN

**SOUTH 6TH STREET
ALTERNATE BID #2**
(FROM EAST ROOSEVELT STREET TO GROVE STREET)



**TYPICAL SECTIONS FOR
RESURFACING
CITY OF DEKALB**

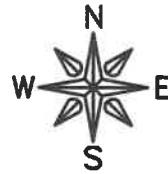
2/12/21

FEHR GRAHAM
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LEGEND

- STREET IMPROVEMENT LIMITS (BASE BID)
- STREET IMPROVEMENT LIMITS (ALTERNATE #1)
- STREET IMPROVEMENT LIMITS (ALTERNATE #2)



DEKALB STREETS 2021 SITE LOCATION MAP CITY OF DEKALB

\\ROCHELLE\Drawings\C3D\21\21-106\Exhibits\21-106 - DEKALB TYPICAL SECTIONS.dwg, PROJECT MAP
PLOT DATE: 2/12/21

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS
IOWA
WISCONSIN

2/12/21

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DeKalb County Prevailing Wage Rates posted on 2/10/2021

Trade Title	Rg	Type	C	Base	Foreman	Overtime				H/W	Pension	Vac	Trng	Other Ins
						M-F	Sa	Su	Hol					
ASBESTOS ABT-GEN	All	BLD		40.39	41.39	1.5	1.5	2.0	2.0	9.35	19.97	0.00	0.80	
ASBESTOS ABT-MEC	All	BLD		38.44	41.51	1.5	1.5	2.0	2.0	14.07	12.51	0.00	0.77	
BOILERMAKER	All	BLD		51.56	56.20	2.0	2.0	2.0	2.0	6.97	21.58	0.00	1.20	
BRICK MASON	All	BLD		47.56	52.32	1.5	1.5	2.0	2.0	11.20	20.51	0.00	0.97	
CARPENTER	All	BLD		42.37	47.03	1.5	1.5	2.0	2.0	11.79	19.30	0.00	0.73	
CARPENTER	All	HWY		43.56	45.31	1.5	1.5	2.0	2.0	11.79	19.30	0.00	0.73	
CEMENT MASON	All	ALL		48.20	50.20	2.0	1.5	2.0	2.0	10.90	23.86	0.00	0.50	
CERAMIC TILE FINISHER	All	BLD		41.80	41.80	1.5	1.5	2.0	2.0	11.25	13.41	0.00	0.88	
COMMUNICATION TECHNICIAN	All	BLD		41.36	45.50	1.5	1.5	2.0	2.0	14.54	16.03	0.00	0.83	
ELECTRIC PWR EQMT OP	All	ALL		44.61	60.87	1.5	1.5	2.0	2.0	6.50	12.49	0.00	1.01	1.34
ELECTRIC PWR GRNDMAN	All	ALL		34.27	60.87	1.5	1.5	2.0	2.0	6.50	9.60	0.00	0.77	1.03
ELECTRIC PWR LINEMAN	All	ALL		53.63	60.87	1.5	1.5	2.0	2.0	6.50	15.02	0.00	1.21	1.61
ELECTRIC PWR TRK DRV	All	ALL		35.52	60.87	1.5	1.5	2.0	2.0	6.50	9.95	0.00	0.80	1.07
ELECTRICIAN	All	BLD		48.62	53.48	1.5	1.5	2.0	2.0	14.54	21.46	0.00	0.97	
ELEVATOR CONSTRUCTOR	All	BLD		53.80	60.53	2.0	2.0	2.0	2.0	15.72	18.41	4.30	0.63	
FENCE ERECTOR	SE	ALL		47.99	51.83	2.0	2.0	2.0	2.0	13.06	24.15	0.00	1.03	
GLAZIER	All	BLD		41.93	43.93	1.5	1.5	1.5	2.0	12.67	9.53	0.00	1.35	
HEAT/FROST INSULATOR	All	BLD		51.25	54.33	1.5	1.5	2.0	2.0	14.07	14.26	0.00	0.77	
IRON WORKER	NW	ALL		40.85	45.75	2.0	2.0	2.0	2.0	12.66	28.22	0.00	1.55	
IRON WORKER	SE	ALL		47.99	51.83	2.0	2.0	2.0	2.0	13.06	24.15	0.00	1.03	
LABORER	All	BLD		35.84	36.84	1.5	1.5	2.0	2.0	9.35	19.97	0.00	0.80	
LABORER	All	HWY		37.34	38.09	1.5	1.5	2.0	2.0	9.35	23.97	0.00	0.80	
LABORER, SKILLED	All	HWY		40.39	41.14	1.5	1.5	2.0	2.0	9.35	23.97	0.00	0.80	
LATHER	All	BLD		42.37	47.03	1.5	1.5	2.0	2.0	11.79	19.30	0.00	0.73	
MACHINIST	All	BLD		49.68	52.18	1.5	1.5	2.0	2.0	7.93	8.95	1.85	1.47	
MARBLE FINISHER	All	BLD		35.73	49.05	1.5	1.5	2.0	2.0	11.20	18.71	0.00	0.87	
MARBLE MASON	All	BLD		46.71	51.38	1.5	1.5	2.0	2.0	11.20	19.98	0.00	0.95	
MATERIAL TESTER I	All	ALL		40.39	41.14	1.5	1.5	2.0	2.0	9.35	23.97	0.00	0.80	
MATERIALS TESTER II	All	ALL		40.39	41.14	1.5	1.5	2.0	2.0	9.35	23.97	0.00	0.80	
MILLWRIGHT	All	BLD		41.88	46.07	1.5	1.5	2.0	2.0	11.66	17.25	0.00	0.70	
OPERATING ENGINEER	All	BLD	1	47.15	51.15	2.0	2.0	2.0	2.0	20.90	16.90	2.85	2.05	

Legend

Rg Region

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

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations DEKALB COUNTY

IRONWORKERS (NORTHWEST) - That portion of the county from a point where the western county line intersects with Rt. 30, continuing eastward to Shabbona, north between Shabbona and Clare, and northeast between Clare and New Lebanon.

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

EXPLANATION OF CLASSES

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

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

CERAMIC TILE FINISHER

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

excluding hose work and any sewer work); Locomotives, All; Lubrication Technician; Manipulators; Motor Patrol; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Raised and Blind Hole Drill; Rock Drill (self-propelled); Rock Drill - Truck Mounted; Roto Mill Grinder; Scoops - Tractor Drawn; Slipform Paver; Scrapers Prime Movers; Straddle Buggies; Tie Back Machine; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Bobcat (over 3/4 cu. yd.); Boilers; Brick Forklift; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Asphalt Spreader; Combination - Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators - (Rheostat Manual Controlled); Hydraulic Power Units (Pile Driving, Extracting, or Drilling - with a seat); Lowboys; Pumps, Over 3" (1 to 3 not to exceed total of 300 ft.); Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches; Bobcat (up to and including 3/4 cu. yd.).

Class 4. Elevator push button with automatic doors; Hoists, Inside; Oilers; Brick Forklift.

Class 5. Assistant Craft Foreman

Class 6. Mechanics; Welders.

Class 7. Gradall

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

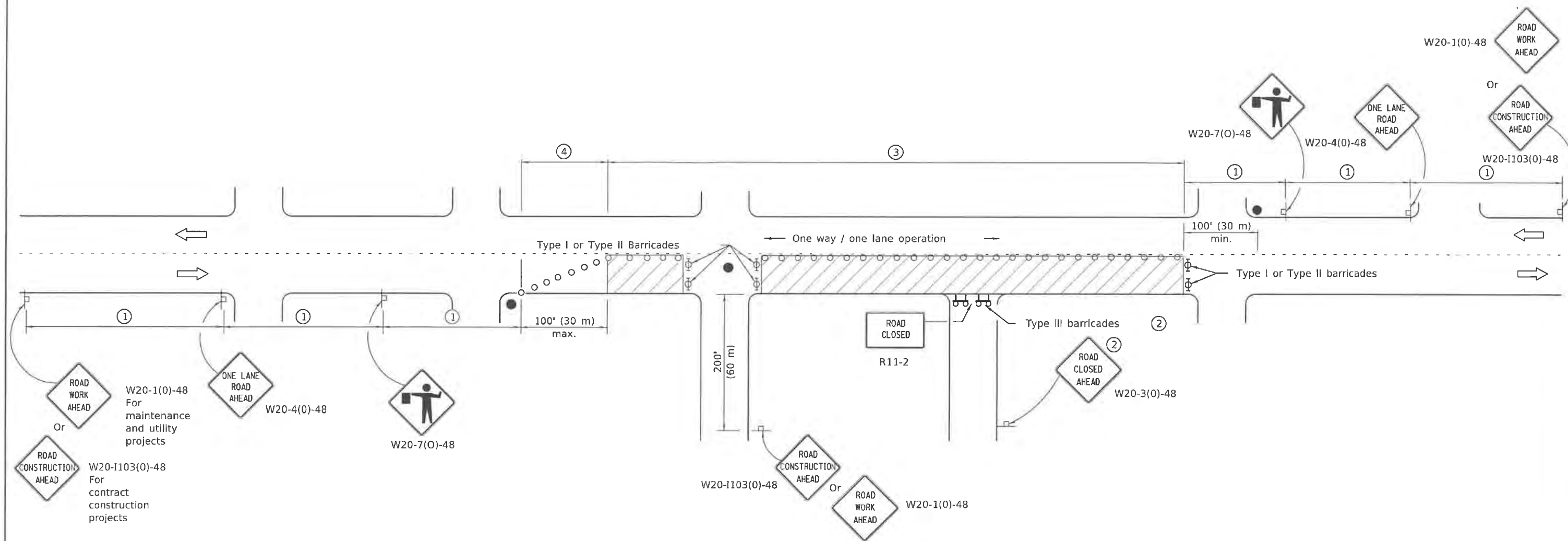
Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Silo Tender; Asphalt Spreader; Autograder; ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Backhoe w/shear attachments; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower of all types; Creter Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Directional Boring Machine over 12"; Dredges; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Mounted; Hoists, One, Two and Three Drum; Hydraulic Backhoes; Hydro Vac, Self Propelled, Truck Mounted (excluding hose work and any sewer work); Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; GCI Crane; Hydraulic Telescoping Form (Tunnel); Tie Back Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader with attached pusher; Tractor with Boom; Tractaire with Attachments; Traffic Barrier Conveyor Machine; Raised or Blind Hole Drills; Trenching Machine (over 12"); Truck Mounted Concrete Pump with Boom; Truck Mounted Concrete Conveyor; Work Boat (no license required - 90 h.p. or above); Underground Boring and/or Mining Machines; Wheel Excavator; Widener (APSCO).

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

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







LANDSCAPING

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



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS


-  Work area
-  Cone, drum or barricade (not required for moving operations)
-  Sign on portable or permanent support
-  Flagger with traffic control sign
-  Barricade or drum with flashing light
-  Type III barricade with flashing lights

- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved sideroad closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

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

 Illinois Department of Transportation

PASSED January 1, 2011
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).
	Corrected sign No.'s.

URBAN LANE CLOSURE,
2L, 2W, UNDIVIDED

STANDARD 701501-06

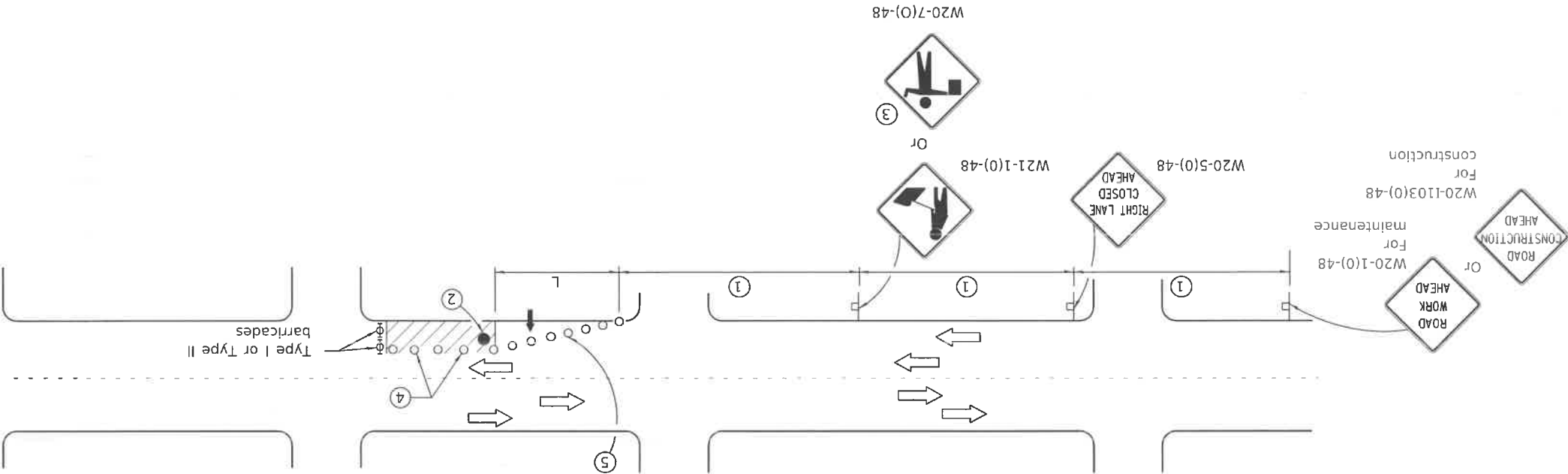
SIGN SPACING	
Posted Speed	55
Sign Spacing	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

- Flagler with traffic control sign.
- Φ Barricade or drum with flashing light
- ▨

Work area
- ⌏ Sign on portable or permanent support
- Cone, drum or barricade
- ↓ Arrow board

SYMBOLS

- ① Refer to SIGN SPACING TABLE for distances.
- ② Required for speeds > 40 mph.
- ③ Use flagger sign only when flagger is present.
- ④ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ⑤ Cones, drums or barricades at 20' (6 m) centers in taper.



GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an Urban area.

Calculate L as follows:

SPEED LIMIT

English (Metric)
 $L = \frac{WS^2}{150}$

40 mph (70 km/h) or less:
 $L = \frac{WS^2}{60}$

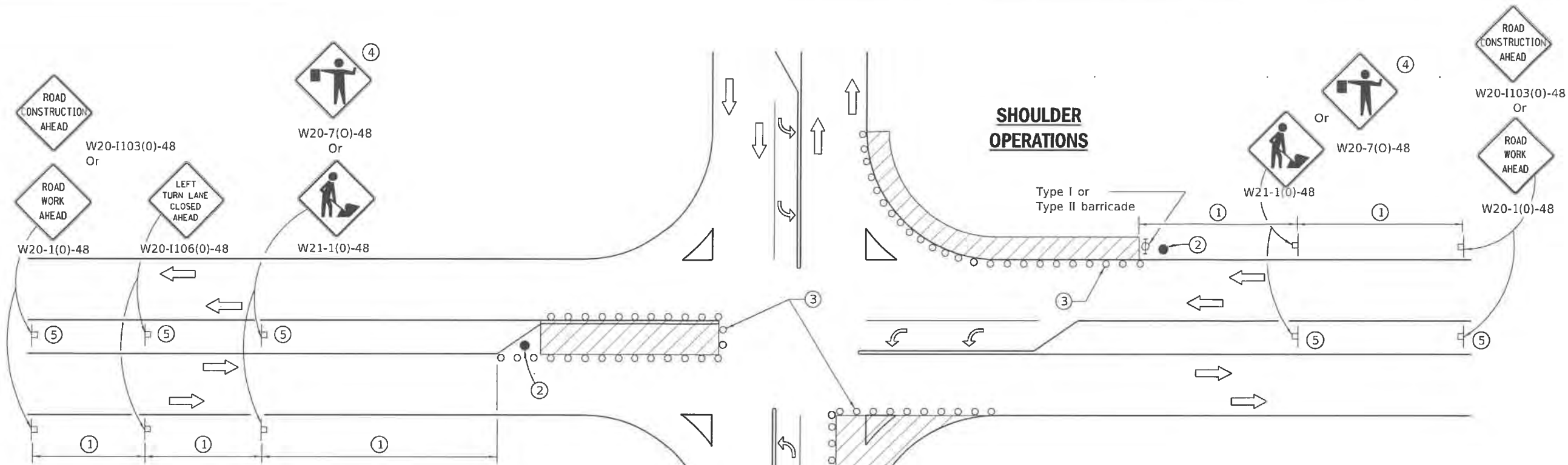
45 mph (80 km/h) or greater:
 $L = (W)(S)$

W = Width of offset in feet (meters).
S = Normal posted speed in mph (km/h).

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

URBAN SINGLE LANE CLOSURE, MOUNTABLE MEDIAN

STANDARD 701606-10



LEFT TURN LANE OR CENTER MEDIAN OPERATIONS

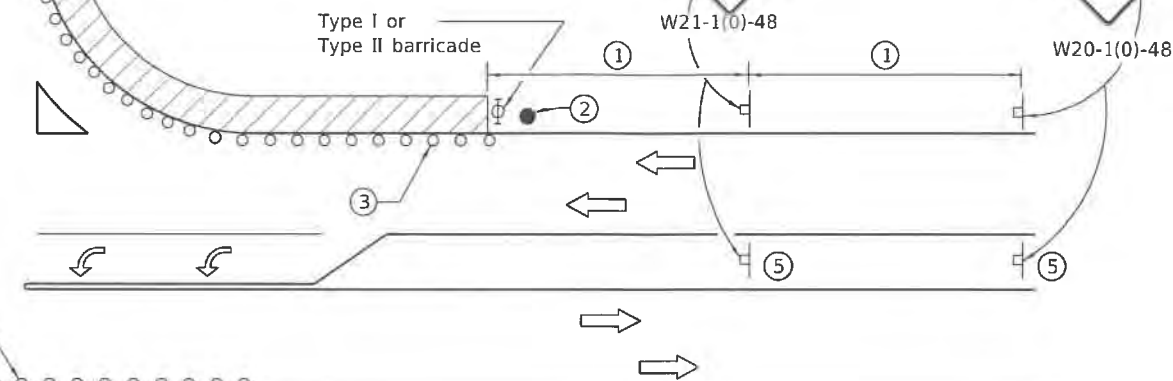
- ① Refer to SIGN SPACING TABLE for distance.
- ② Required for speed > 40 mph.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Use flagger sign only when flagger is present.
- ⑤ Omit this sign when median is less than 10' (3 m) or for bi-directional turn lanes.
- ⑥ Cones, drums or barricades at 20' (6 m) centers in taper.
- ⑦ Advanced arrow board required for speeds > 45 mph.
- ⑧ Three Type II barricades, drums or vertical barricades at 50' (15 m) centers.

SYMBOLS

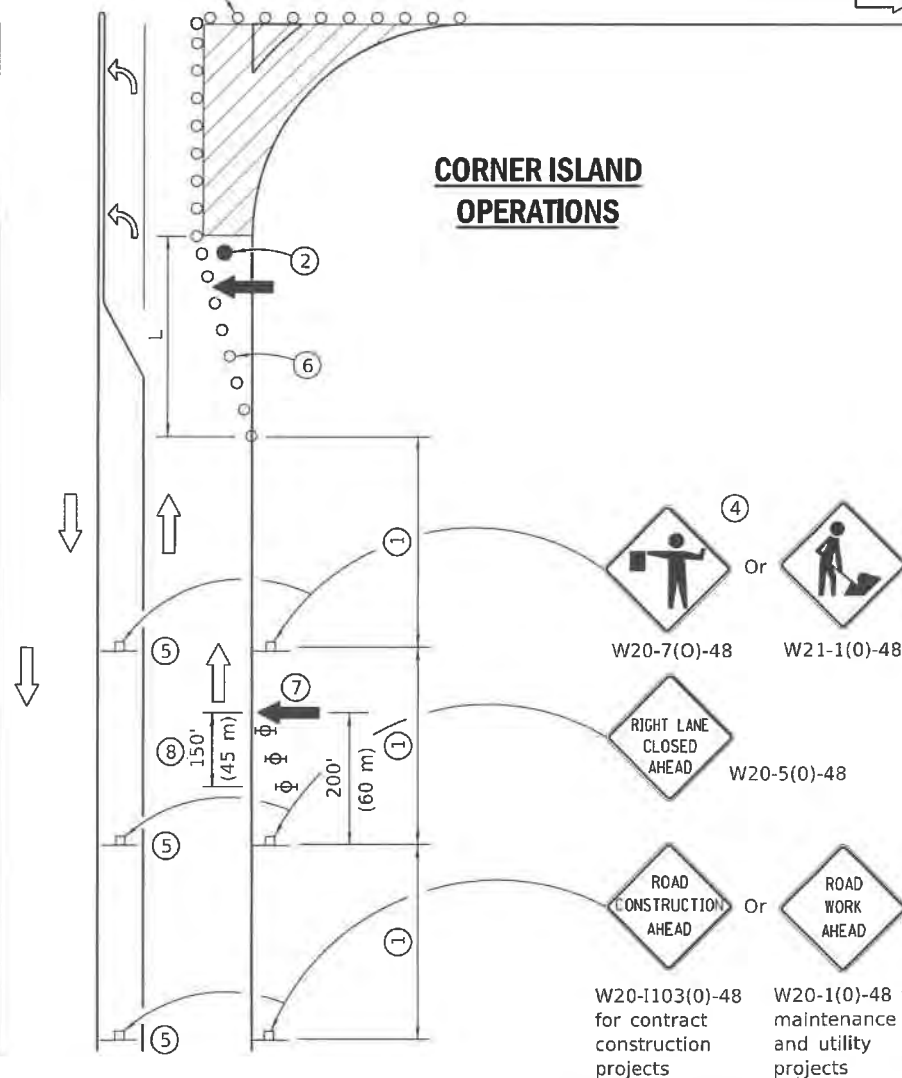
- Work area
- Cone, drum or barricade
- Sign on portable or permanent support
- Arrow board
- Barricade or drum with flashing light
- Flagger with traffic control sign

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SHOULDER OPERATIONS



CORNER ISLAND OPERATIONS



GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement during shoulder operations or where construction requires lane closures in an urban area.

Calculate L as follows:

SPEED LIMIT	FORMULAS	
	English	(Metric)
40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L = (W)(S)$	$L = 0.65(W)(S)$

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

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

DATE	REVISIONS
4-1-16	Corrected sign number for LEFT TURN LANE CLOSED AHEAD.
1-1-14	Added devices at arrow board upstream from taper.
	Rev. workers sign number.

URBAN LANE CLOSURE, MULTILANE INTERSECTION

STANDARD 701701-10

Work area

Sign on portable or permanent support

Barricade or drum

Cone, drum or barricade

Type III barricade

Detectable pedestrian channelizing barricade

▨

⌵

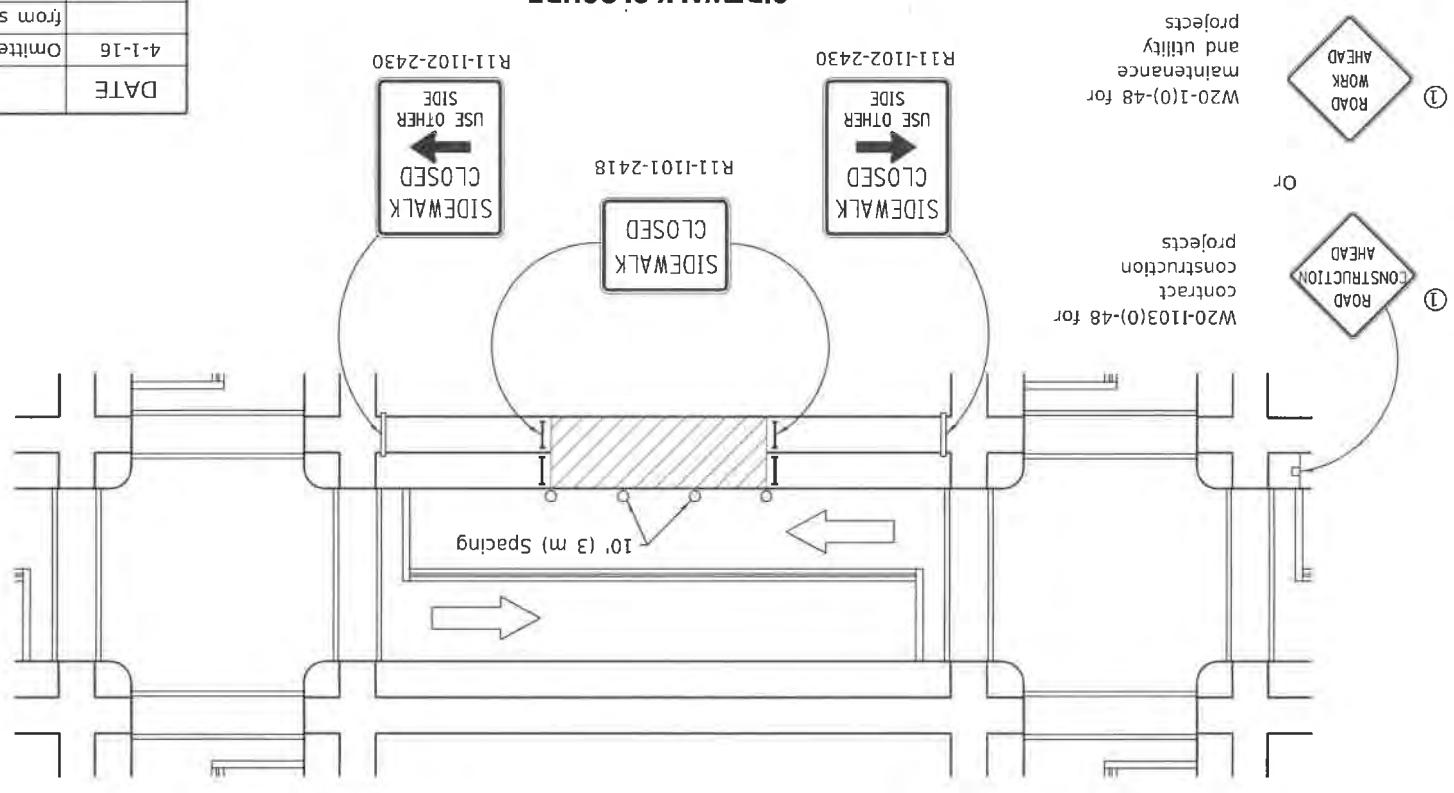
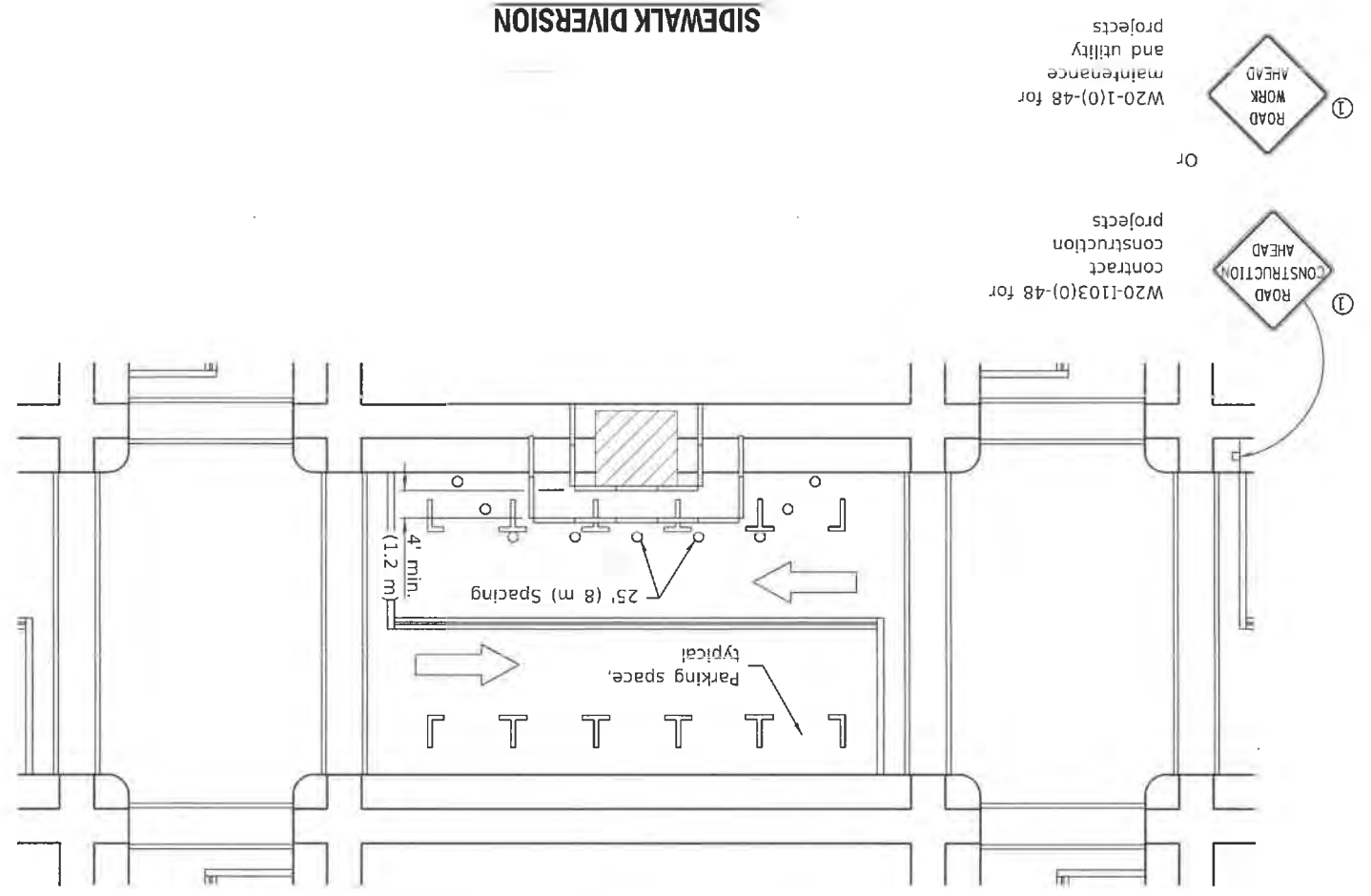
○

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⌵

▨

SYMBOLS



① Omit whenever duplicated by road work traffic control.

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.

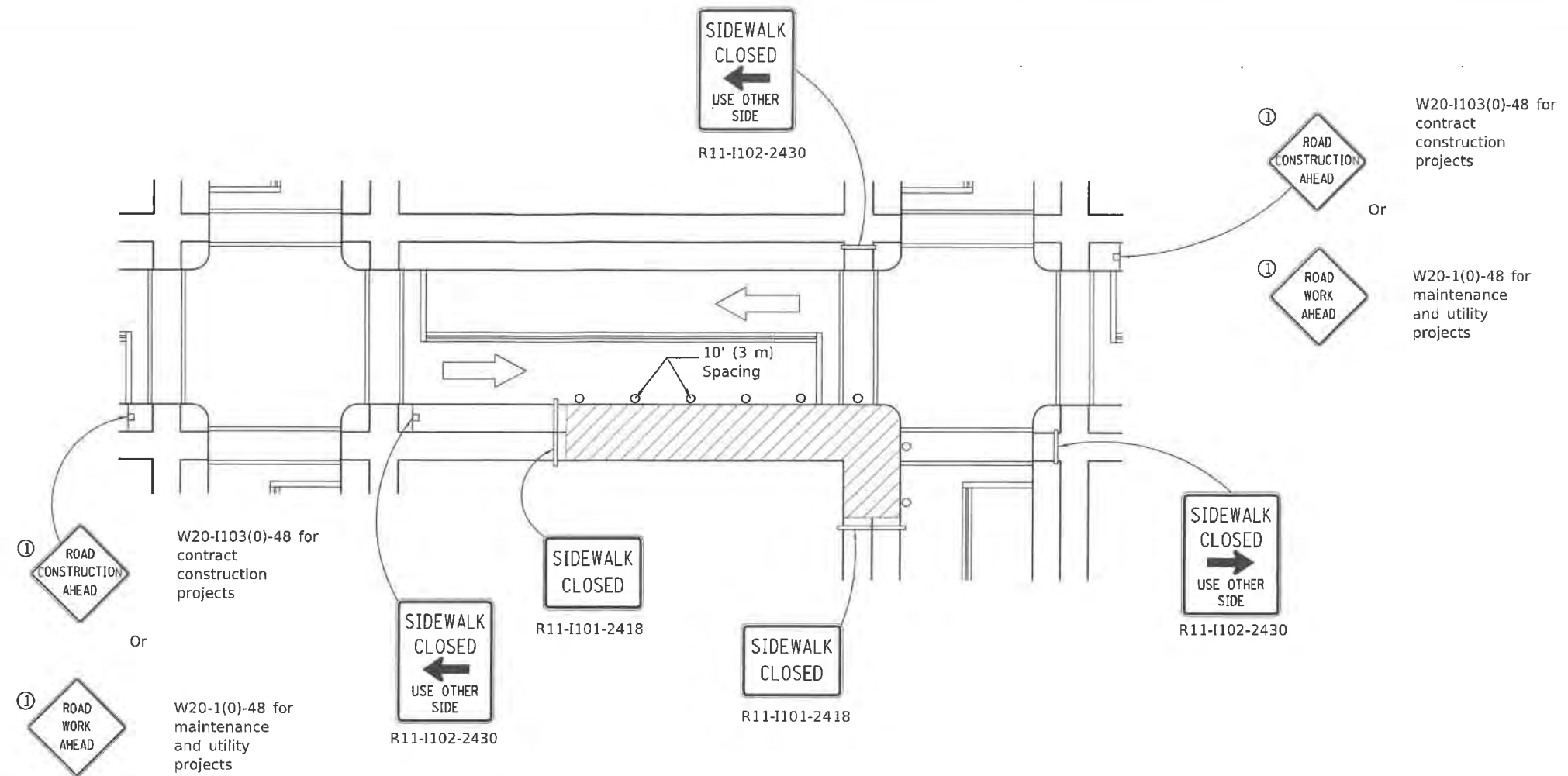
The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

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.

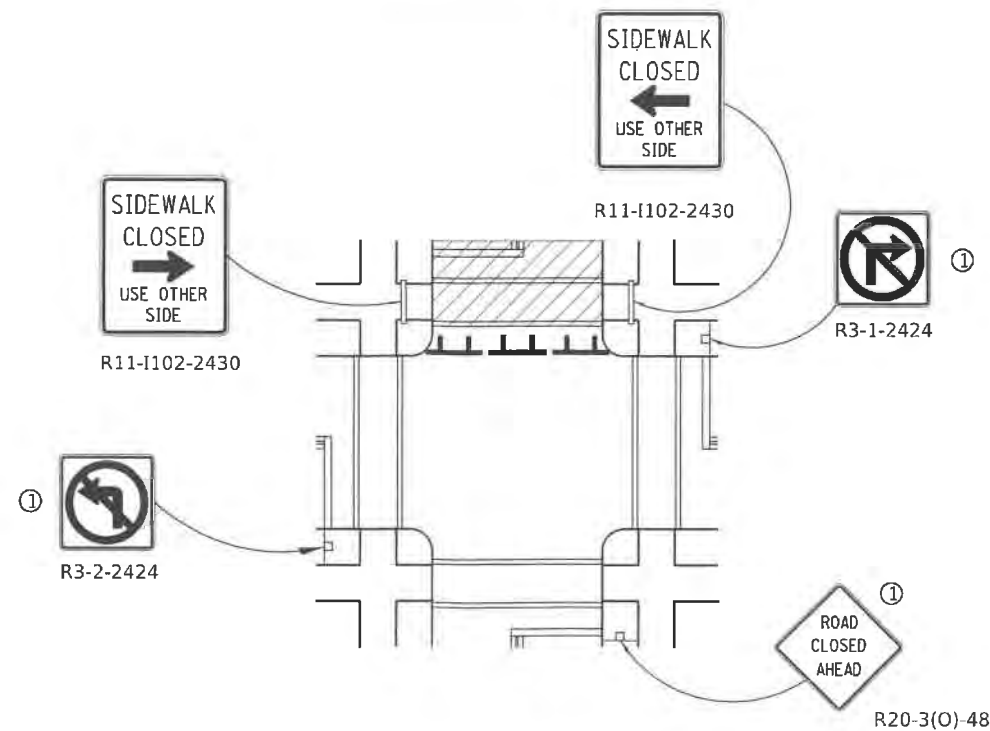
Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

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

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.



CORNER CLOSURE

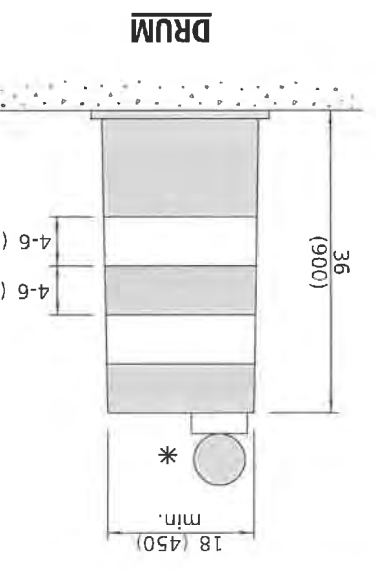
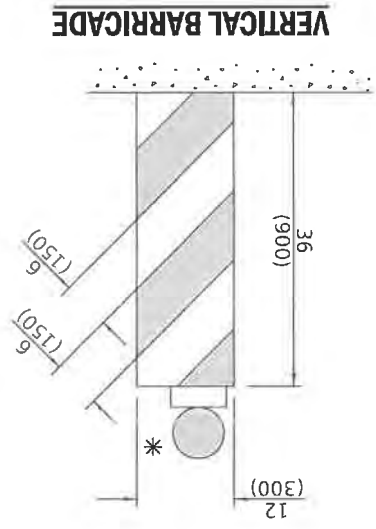
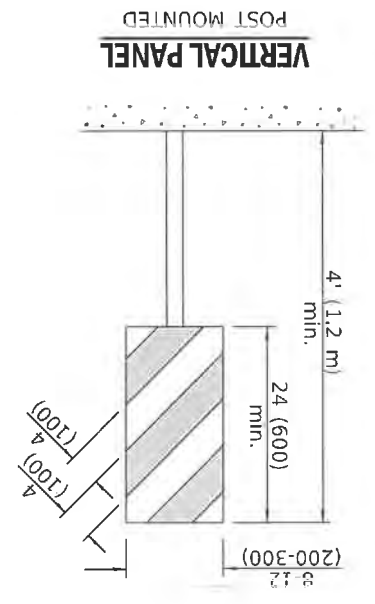
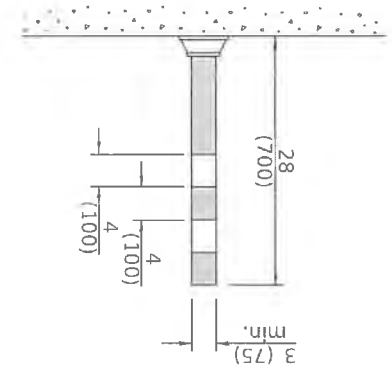
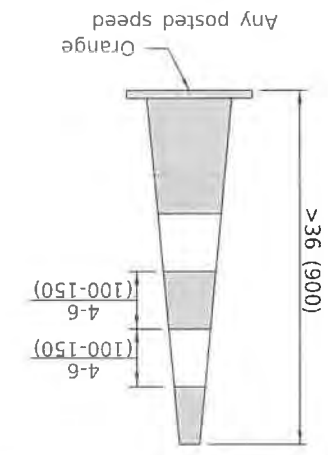
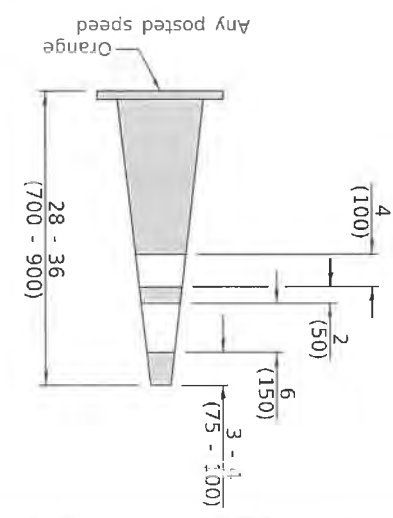
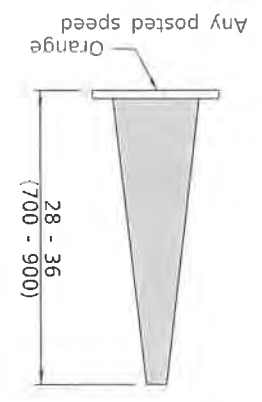
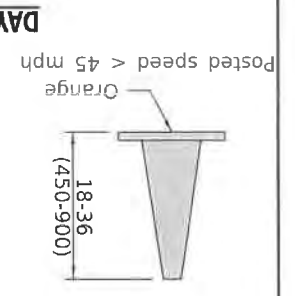
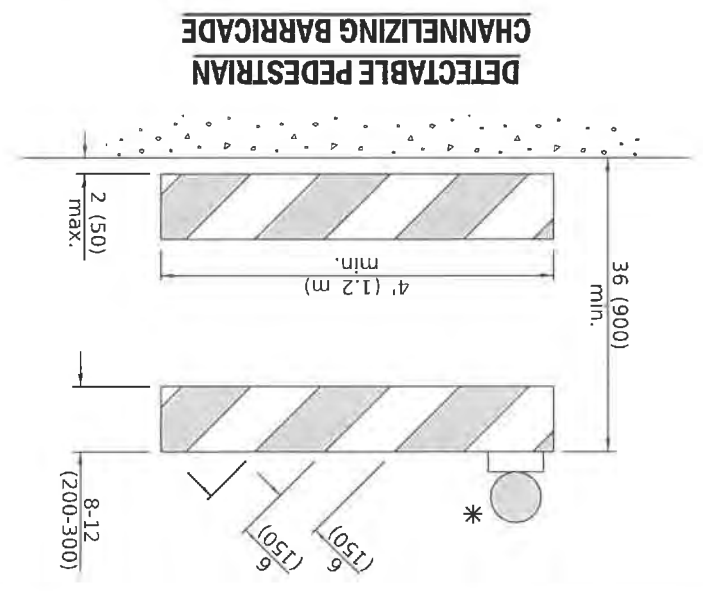
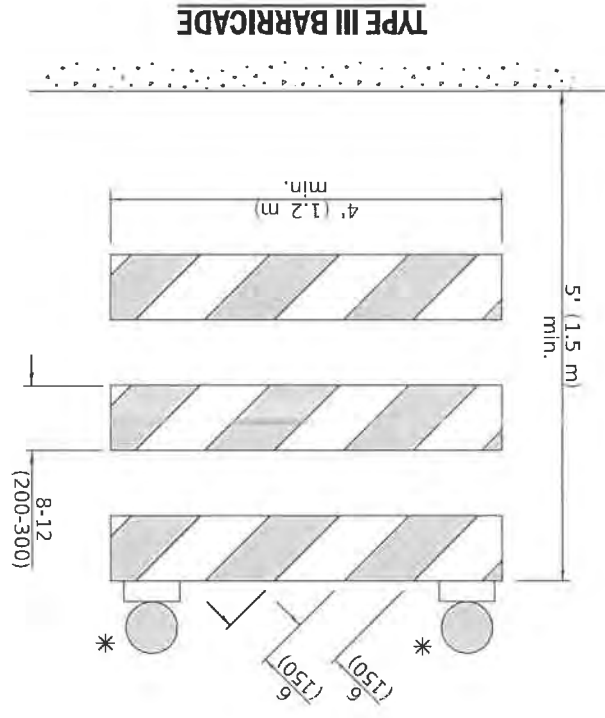
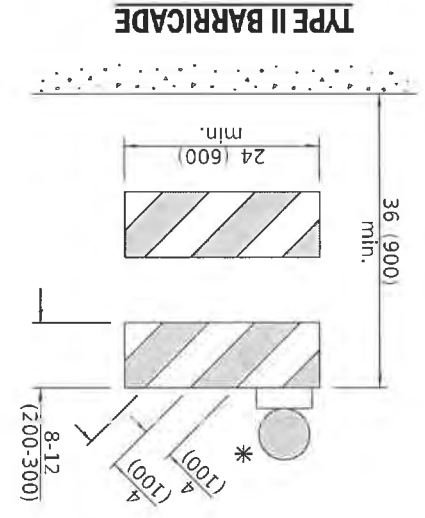
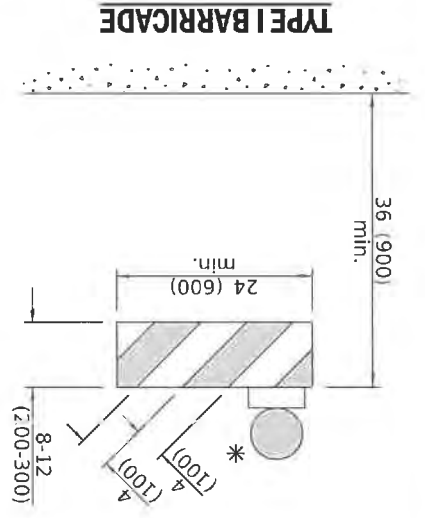


CROSSWALK CLOSURE

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

STANDARD 701801-06



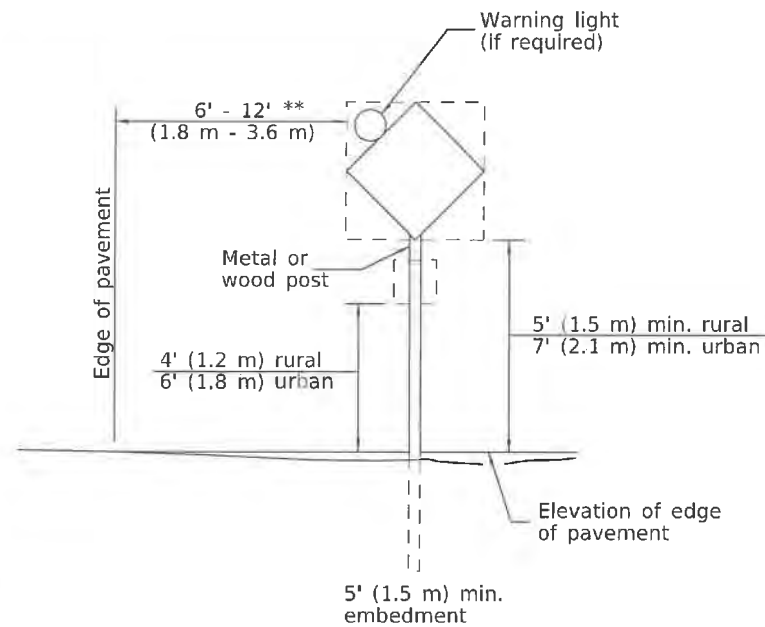
* Warning lights (if required)

GENERAL NOTES

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

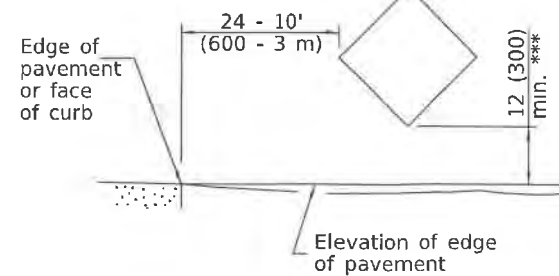
TRAFFIC CONTROL DEVICES

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.



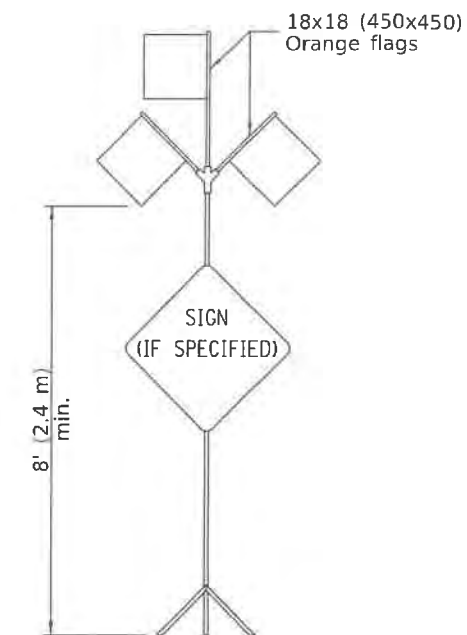
POST MOUNTED SIGNS

** 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.



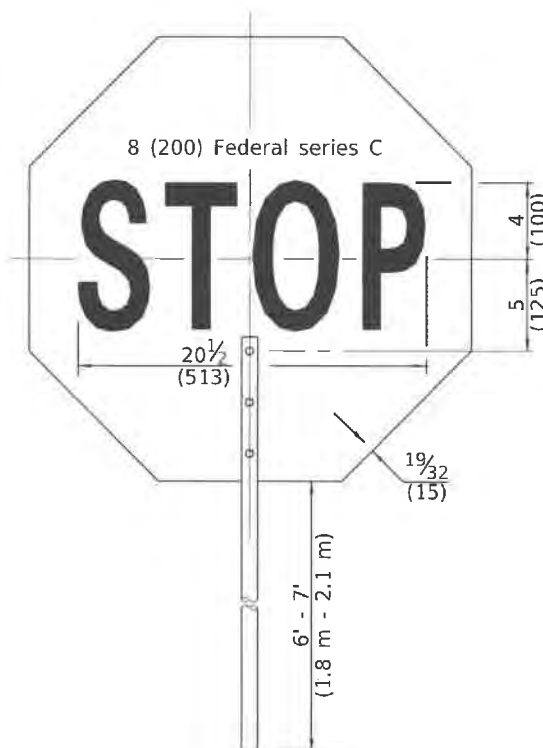
HIGH LEVEL WARNING DEVICE



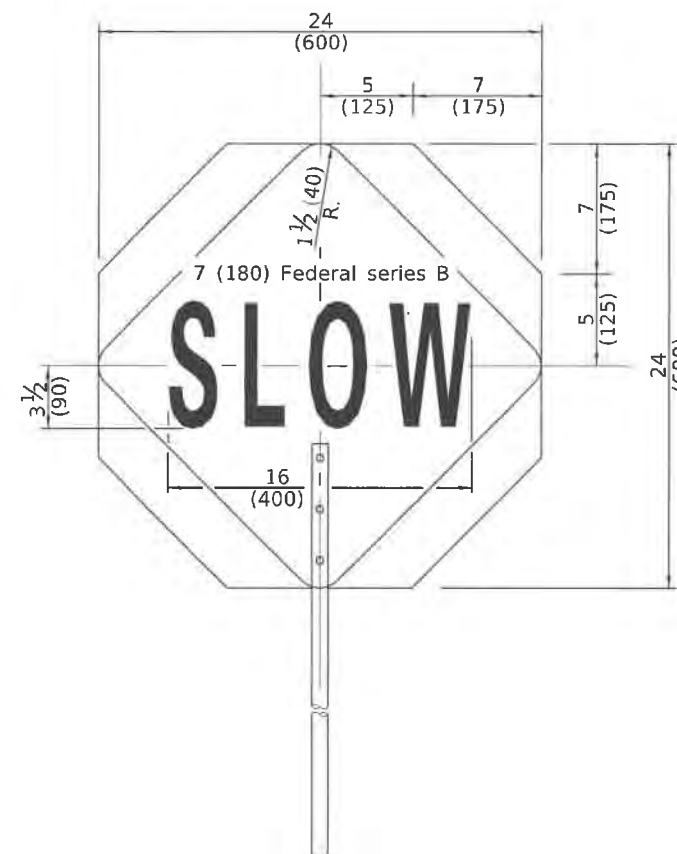
W12-I103-4848

WIDTH RESTRICTION SIGN

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



FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

ROAD
CONSTRUCTION
NEXT X MILES

G20-I104(0)-6036

END
CONSTRUCTION

G20-I105(0)-6024

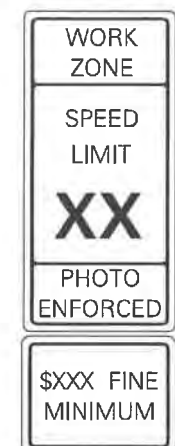
This signing is required for all projects 2 miles (3200 m) or more in length.

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



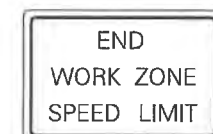
W21-I115(0)-3618

R2-I-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.

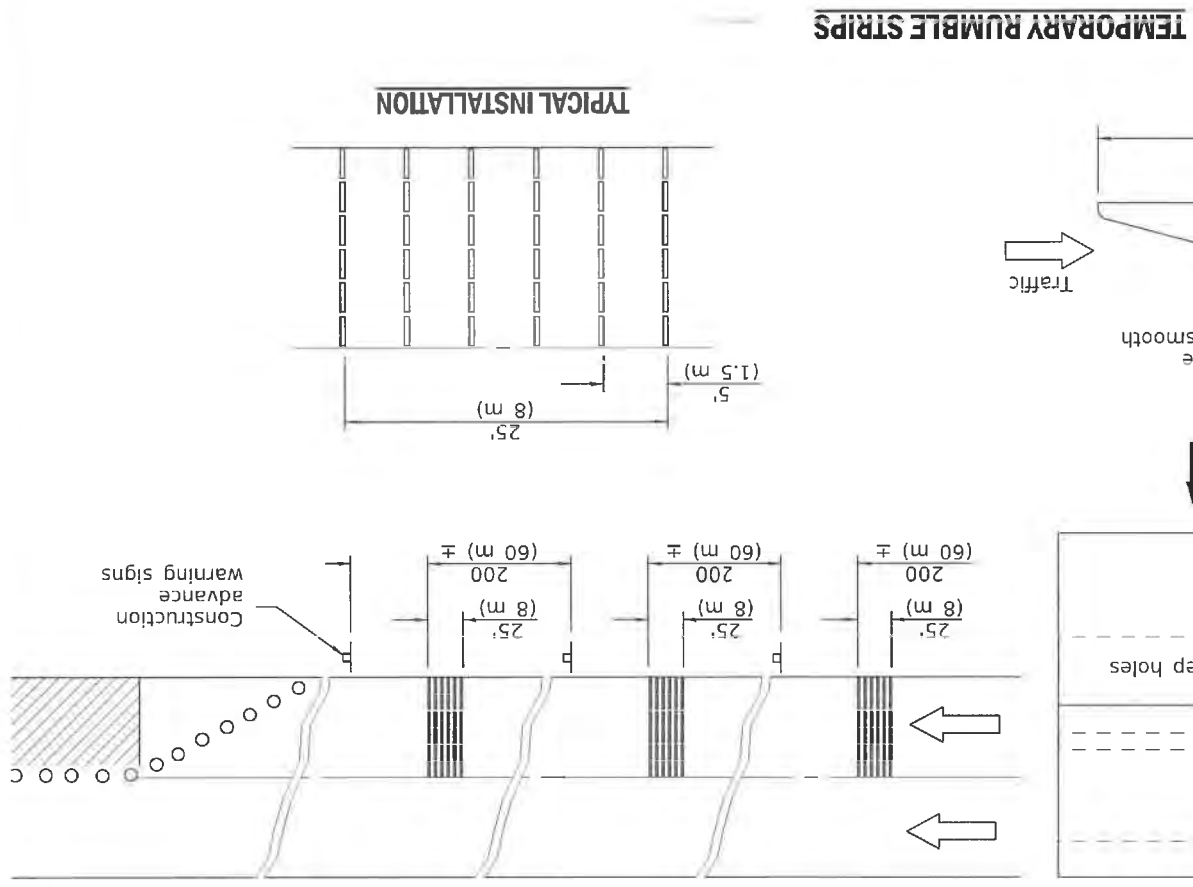
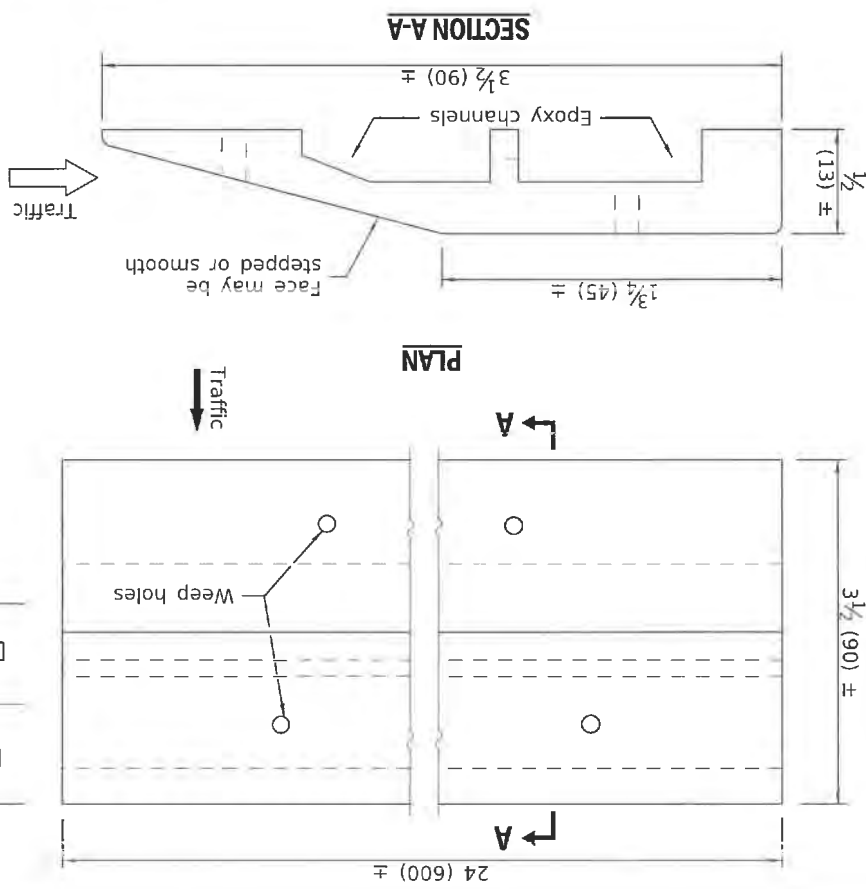
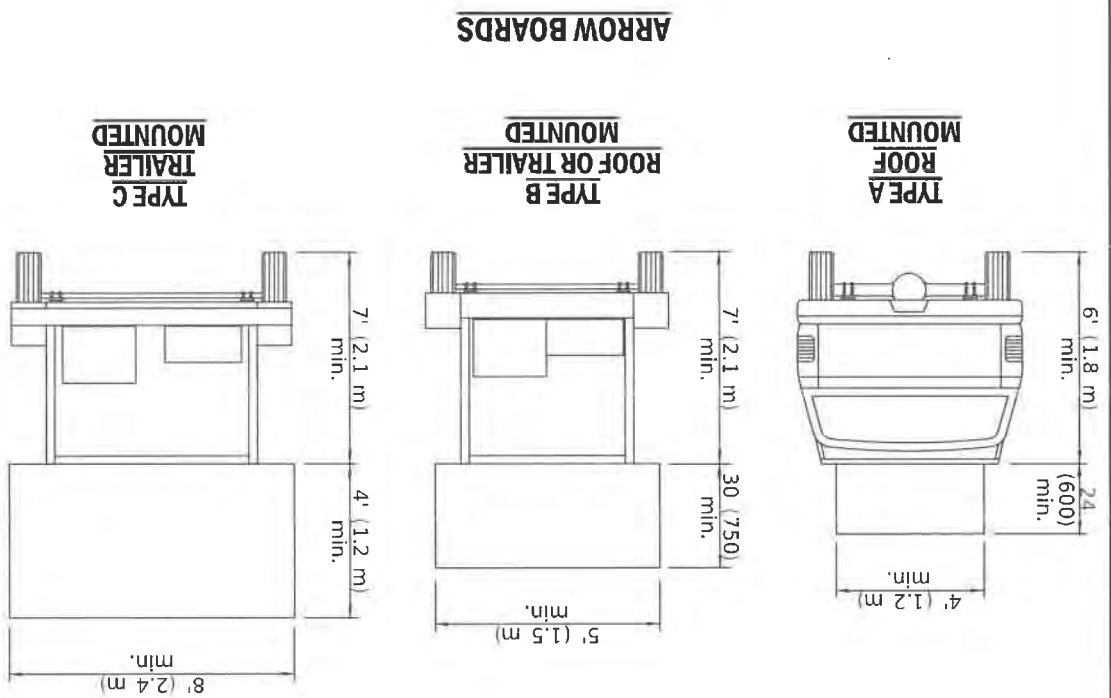
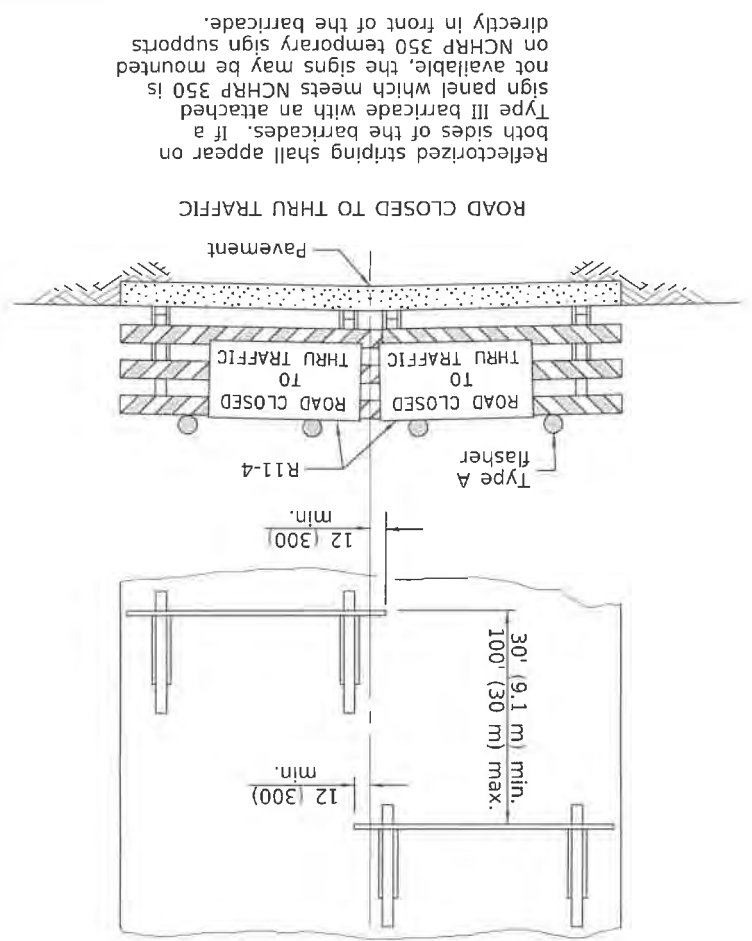
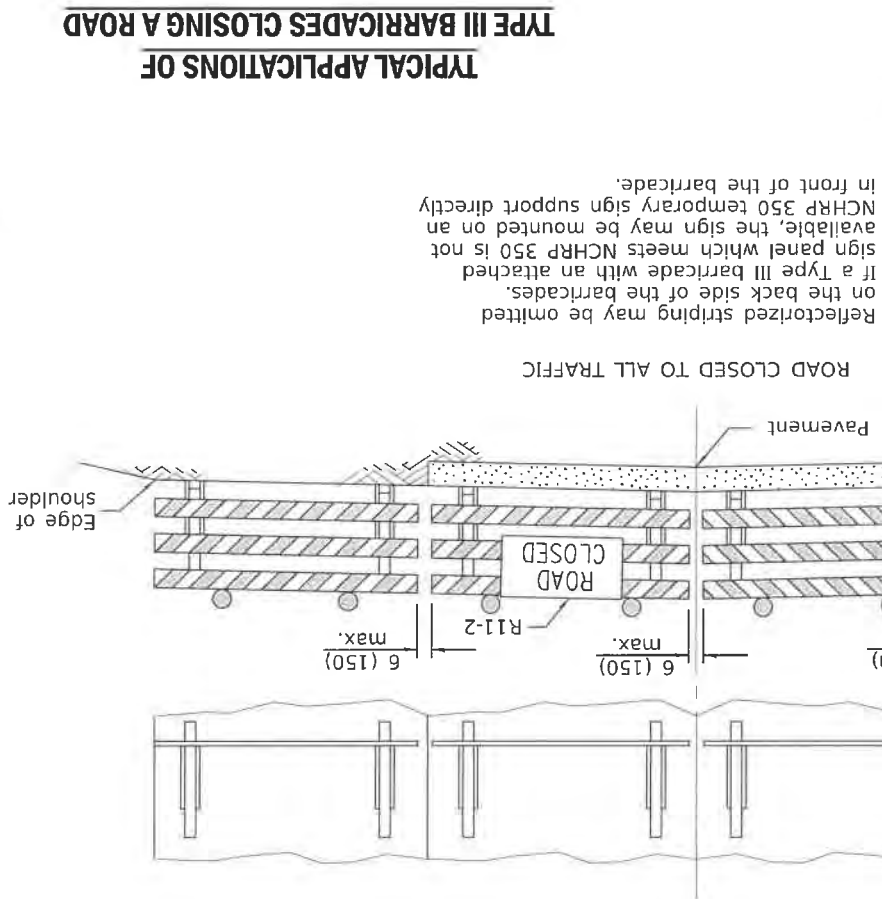
HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

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

TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

STANDARD 701901-08



R2021-013 P+3

SHEET LIST TABLE	
SHEET NUMBER	SHEET TITLE
1	TITLE
2	SUMMARY OF QUANTITIES
3	1ST STREET IMPROVEMENTS STA. 200+00 TO 209+17
4	1ST STREET IMPROVEMENTS STA. 209+17 TO 218+46
5	1ST STREET IMPROVEMENTS STA. 218+46 TO 227+74
6	1ST STREET IMPROVEMENTS STA. 227+74 TO 237+05
7	1ST STREET IMPROVEMENTS STA. 237+05 TO 246+35
8	1ST STREET IMPROVEMENTS STA. 246+35 TO 248+86
9	TAYLOR STREET IMPROVEMENTS STA. 1000+00 TO 1005+25
10	TAYLOR STREET IMPROVEMENTS STA. 1005+25 TO 1014+49
11	TAYLOR STREET IMPROVEMENTS STA. 1014+49 TO 1025+13
12	SOUTH 7TH STREET IMPROVEMENTS STA. 100+00 TO 108+40
13	SOUTH 7TH STREET IMPROVEMENTS STA. 108+40 TO 112+00
14	SOUTH 6TH STREET IMPROVEMENTS STA. 1200+00 TO 1208+00
15	SOUTH 6TH STREET IMPROVEMENTS STA. 1208+00 TO 1215+50
16	DETAILS
17	DETAILS
18	DETAILS

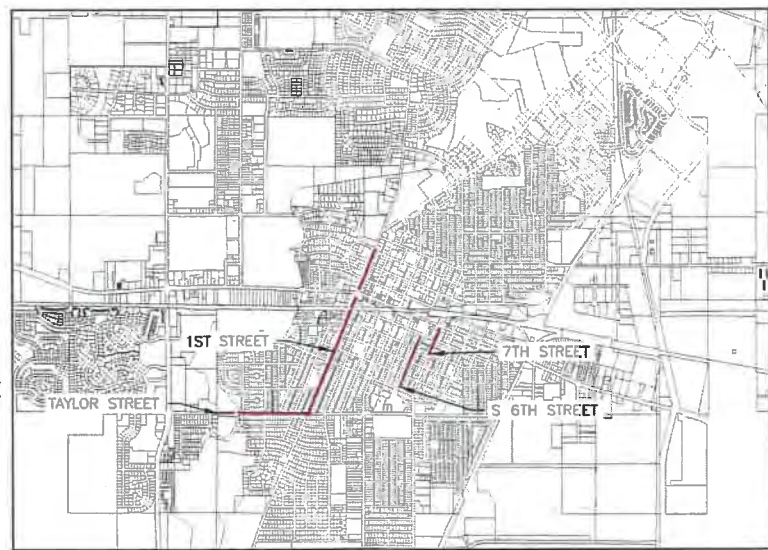
DEKALB STREETS 2021

FOR

CITY OF DEKALB DEKALB, ILLINOIS

PROPOSED STREET IMPROVEMENTS

DEKALB COUNTY
SECTION (21-00000-00-GM)
FEBRUARY 2021



LOCATION MAP

- STANDARDS**
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
 - 424006-04 DIAGONAL CURB RAMPS FOR SIDEWALKS
 - 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
 - 424016-05 MID-BLOCK CURB RAMPS FOR SIDEWALKS
 - 424021-05 DEPRESSED CORNER FOR SIDEWALKS
 - 442201-03 CLASS C AND D PATCHES
 - 606001-07 CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
 - 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
 - 701502-08 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
 - 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
 - 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
 - 701901-08 TRAFFIC CONTROL DEVICES
 - 780001-05 TYPICAL PAVEMENT MARKINGS
 - 886001-01 DETECTOR LOOP INSTALLATIONS
 - 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

UTILITIES	
UTILITY TYPE	COMMON NAME
WATER	CITY OF DEKALB
SEWER	KISHWAUKEE RECLAMATION DISTRICT
ELECTRIC	COMED
TELEPHONE	FRONTIER COMMUNICATIONS
FIBER OPTIC	DATA/DEKALB FIBER OPTIC
GAS	NICOR GAS
CABLE	COMCAST

(CONTRACTOR TO BE RESPONSIBLE FOR ANY ADJUSTMENTS TO BE MADE.)

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL

ILLINOIS IOWA WISCONSIN

ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER: 184003525



PLAN & PROFILE



CROSS SECTIONS



PRELIMINARY

ORIGINAL SET FOR PROJECT: 21-106		DATE CREATED: 02/16/2021
REVISIONS		
REV. NO.	DESCRIPTION	DATE



BASE BID

DEKALB STREETS 2021 SUMMARY OF QUANTITIES - BASE BID (SECTION 21-00000-00-GM)					1ST STREET	TAYLOR STREET
S.P.	ITEM #	PAY ITEMS	UNIT	QUANTITY	CONSTRUCTION CODES	
				0005	0005	0005
	20101400	NITROGEN FERTILIZER NUTRIENT	LB	17	8	9
	20101500	PHOSPHORUS FERTILIZER NUTRIENT	LB	17	8	9
	20101600	POTASSIUM FERTILIZER NUTRIENT	LB	17	8	9
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SY	844	360	484
	25000110	SEEDING, CLASS 1A	AC	0.2	0.1	0.1
	25100630	EROSION CONTROL BLANKET	SY	844	360	484
	28000500	INLET AND PIPE PROTECTION	EA	62	41	21
*	35800200	AGGREGATE BASE REPAIR	TN	565	370	195
	40600290	BITUMINOUS MATERIALS (TACK COAT)	LB	30585	20100	10485
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TN	3376	3376	0
	40604000	HOT-MIX ASPHALT SURFACE COURSE, IL 9.5FG, MIX "C", N50	TN	508	0	508
	40604050	HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N50	TN	1325	310	1015
	40604052	HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N70	TN	2025	2025	0
*	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SF	3900	1900	2000
*	42400800	DETECTABLE WARNINGS	SF	350	150	200
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SY	11650	0	11650
	44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SY	23485	23485	0
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FT	600	250	350
	44000600	SIDEWALK REMOVAL	SF	3900	1900	2000
	44201683	CLASS D PATCHES, TYPE III, 3 INCH	SY	878	587	291
	60255500	MANHOLES TO BE ADJUSTED	EA	20	20	0
	60260100	INLETS TO BE ADJUSTED	EA	16	15	1
	60266600	VALVE BOXES TO BE ADJUSTED	EA	8	2	6
*	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FT	600	250	350
	67100100	MOBILIZATION	LS	1	0.5	0.5
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	7	7
	70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	200	200	0
	70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	4000	4000	0
	70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	200	200	0
	78000100	THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS	SF	575	320	255
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FT	22365	10765	11600
	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FT	1600	880	720
	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FT	530	460	70
	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FT	300	180	120
	88600100	DETECTOR LOOP, TYPE 1	FT	480	480	0
*	X0100022	TILL, RESHAPE AND COMPACT ROADBED	SY	3600	3600	0
*	X0326806	WASHOUT BASIN	EA	1	0.5	0.5
*	X6025600	MANHOLES TO BE ADJUSTED (SPECIAL)	EA	21	13	8
*	X6026051	SANITARY MANHOLE TO BE RECONSTRUCTED	EA	14	10	4
*	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	LS	1	0.5	0.5

ALTERNATE BID #1

DEKALB STREETS 2021 SUMMARY OF QUANTITIES - ALTERNATE BID #1 (SECTION 21-00000-00-GM)					7TH STREET
S.P.	ITEM #	PAY ITEMS	UNIT	QUANTITY	CONSTRUCTION CODES
				0005	0005
	28000500	INLET AND PIPE PROTECTION	EA	11	11
*	35800200	AGGREGATE BASE REPAIR	TN	170	170
	40600290	BITUMINOUS MATERIALS (TACK COAT)	LB	4610	4610
	40603085	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N70	TN	450	450
	40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TN	359	359
	44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SY	3566	3566
	44201683	CLASS D PATCHES, TYPE III, 3 INCH	SY	178	178
	60255500	MANHOLES TO BE ADJUSTED	EA	9	9
	60260100	INLETS TO BE ADJUSTED	EA	5	5
	60266600	VALVE BOXES TO BE ADJUSTED	EA	4	4
	67100100	MOBILIZATION	LS	1	1
	78000100	THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS	SF	30	30
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FT	2210	2210
	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FT	732	732
	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FT	93	93
	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FT	210	210
	88600100	DETECTOR LOOP, TYPE 1	FT	80	80
*	X6025600	MANHOLES TO BE ADJUSTED (SPECIAL)	EA	4	4
*	X6026051	SANITARY MANHOLE TO BE RECONSTRUCTED	EA	4	4
*	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	LS	1	1
*	Z0004005	FIBER ASPHALT	LB	359	359

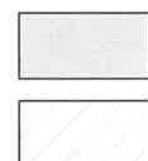
ALTERNATE BID #2

DEKALB STREETS 2021 SUMMARY OF QUANTITIES - ALTERNATE BID #2 (SECTION 21-00000-00-GM)					6TH STREET
S.P.	ITEM #	PAY ITEMS	UNIT	QUANTITY	CONSTRUCTION CODES
				0005	0005
	20101400	NITROGEN FERTILIZER NUTRIENT	LB	9	9
	20101500	PHOSPHORUS FERTILIZER NUTRIENT	LB	9	9
	20101600	POTASSIUM FERTILIZER NUTRIENT	LB	9	9
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SY	484	484
	25000110	SEEDING, CLASS 1A	AC	0.1	0.1
	25100630	EROSION CONTROL BLANKET	SY	484	484
	28000500	INLET AND PIPE PROTECTION	EA	11	11
*	35800200	AGGREGATE BASE REPAIR	TN	170	170
	40600290	BITUMINOUS MATERIALS (TACK COAT)	LB	4626	4626
	40604000	HOT-MIX ASPHALT SURFACE COURSE, IL 9.5FG, MIX "C", N50	TN	222	222
	40604050	HOT-MIX ASPHALT SURFACE COURSE, IL 9.5, MIX "C", N50	TN	443	443
*	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SF	800	800
*	42400800	DETECTABLE WARNINGS	SF	170	170
	44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SY	5141	5141
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FT	300	300
	44000600	SIDEWALK REMOVAL	SF	800	800
	44201683	CLASS D PATCHES, TYPE III, 3 INCH	SY	125	125
	60255500	MANHOLES TO BE ADJUSTED	EA	8	8
	60260100	INLETS TO BE ADJUSTED	EA	1	1
	60266600	VALVE BOXES TO BE ADJUSTED	EA	4	4
*	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FT	300	300
	67100100	MOBILIZATION	LS	1	1
	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FT	784	784
	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FT	150	150
*	X6025600	MANHOLES TO BE ADJUSTED (SPECIAL)	EA	2	2
*	X6026051	SANITARY MANHOLE TO BE RECONSTRUCTED	EA	3	3
*	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	LS	1	1
*	Z0004005	FIBER ASPHALT	LB	443	443

REVISIONS		
REV. NO.	DESCRIPTION	DATE



LEGEND



MILLING AND OVERLAY AREA

BASE REPAIR AREA

(R#)

PARKWAY SIDEWALK REMOVAL

(A#)

ADA COMPLIANT SIDEWALK

(C#)

CURB REMOVAL AND REPLACEMENT

(D#)

DRIVEWAY REMOVAL AND REPLACEMENT

(SW#)

SIDEWALK REMOVAL AND REPLACEMENT

(P#)

BASE REPAIR



60 0 60 FEET
GRAPHIC SCALE IN FEET

21-106 DEKALB STREETS 2021
BASE BID
SOUTH 1ST STREET
SHEET 3
DEKALB, ILLINOIS

02/16/2021

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MATCH SHEET 3

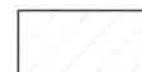


MATCH SHEET 5

LEGEND



MILLING AND OVERLAY AREA



BASE REPAIR AREA



PARKWAY SIDEWALK REMOVAL



ADA COMPLIANT SIDEWALK



CURB REMOVAL AND REPLACEMENT



DRIVEWAY REMOVAL AND REPLACEMENT



SIDEWALK REMOVAL AND REPLACEMENT



BASE REPAIR



60 0 60 FEET
GRAPHIC SCALE IN FEET

21-106 DEKALB STREETS 2021
BASE BID
SOUTH 1ST STREET
SHEET 4
DEKALB, ILLINOIS

02/16/2021

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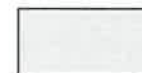
ILLINOIS
IOWA
WISCONSIN

MATCH SHEET 4

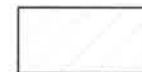


MATCH SHEET 6

LEGEND



MILLING AND OVERLAY AREA



BASE REPAIR AREA



PARKWAY SIDEWALK REMOVAL



ADA COMPLIANT SIDEWALK



CURB REMOVAL AND REPLACEMENT



DRIVEWAY REMOVAL AND REPLACEMENT



SIDEWALK REMOVAL AND REPLACEMENT



BASE REPAIR



60 0 60 FEET
GRAPHIC SCALE IN FEET

21-106 DEKALB STREETS 2021
BASE BID
SOUTH 1ST STREET
SHEET 5
DEKALB, ILLINOIS

02/16/2021

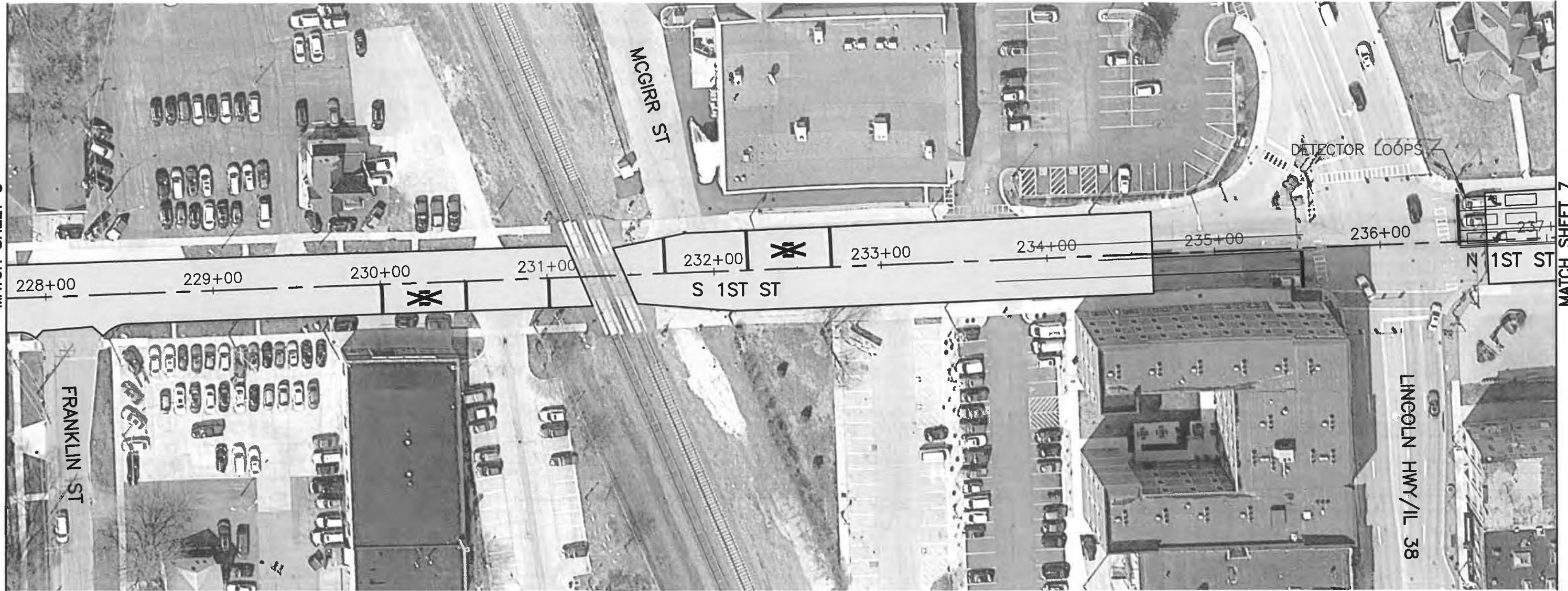
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MATCH SHEET 5



MATCH SHEET 7

LEGEND



MILLING AND OVERLAY AREA

BASE REPAIR AREA

(R#)

PARKWAY SIDEWALK REMOVAL

(A#)

ADA COMPLIANT SIDEWALK

(C#)

CURB REMOVAL AND REPLACEMENT

(D#)

DRIVEWAY REMOVAL AND REPLACEMENT

(SW#)

SIDEWALK REMOVAL AND REPLACEMENT

(P#)

BASE REPAIR



60 0 60 FEET
GRAPHIC SCALE IN FEET

21-106 DEKALB STREETS 2021
BASE BID
SOUTH 1ST STREET
SHEET 6
DEKALB, ILLINOIS

02/16/2021

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MATCH SHEET 6

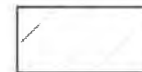
MATCH SHEET 8



LEGEND



MILLING AND OVERLAY AREA



BASE REPAIR AREA



PARKWAY SIDEWALK REMOVAL



ADA COMPLIANT SIDEWALK



CURB REMOVAL AND REPLACEMENT



DRIVEWAY REMOVAL AND REPLACEMENT



SIDEWALK REMOVAL AND REPLACEMENT



BASE REPAIR



60 0 60 FEET
GRAPHIC SCALE IN FEET

21-106 DEKALB STREETS 2021
BASE BID
NORTH 1ST STREET
SHEET 7
DEKALB, ILLINOIS

02/16/2021

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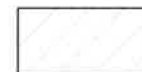
MATCH SHEET 7



LEGEND



MILLING AND OVERLAY AREA



BASE REPAIR AREA



PARKWAY SIDEWALK REMOVAL



ADA COMPLIANT SIDEWALK



CURB REMOVAL AND REPLACEMENT



DRIVEWAY REMOVAL AND REPLACEMENT



SIDEWALK REMOVAL AND REPLACEMENT



BASE REPAIR



60 0 60 FEET
GRAPHIC SCALE IN FEET

21-106 DEKALB STREETS 2021
BASE BID
NORTH 1ST STREET
SHEET 8
DEKALB, ILLINOIS

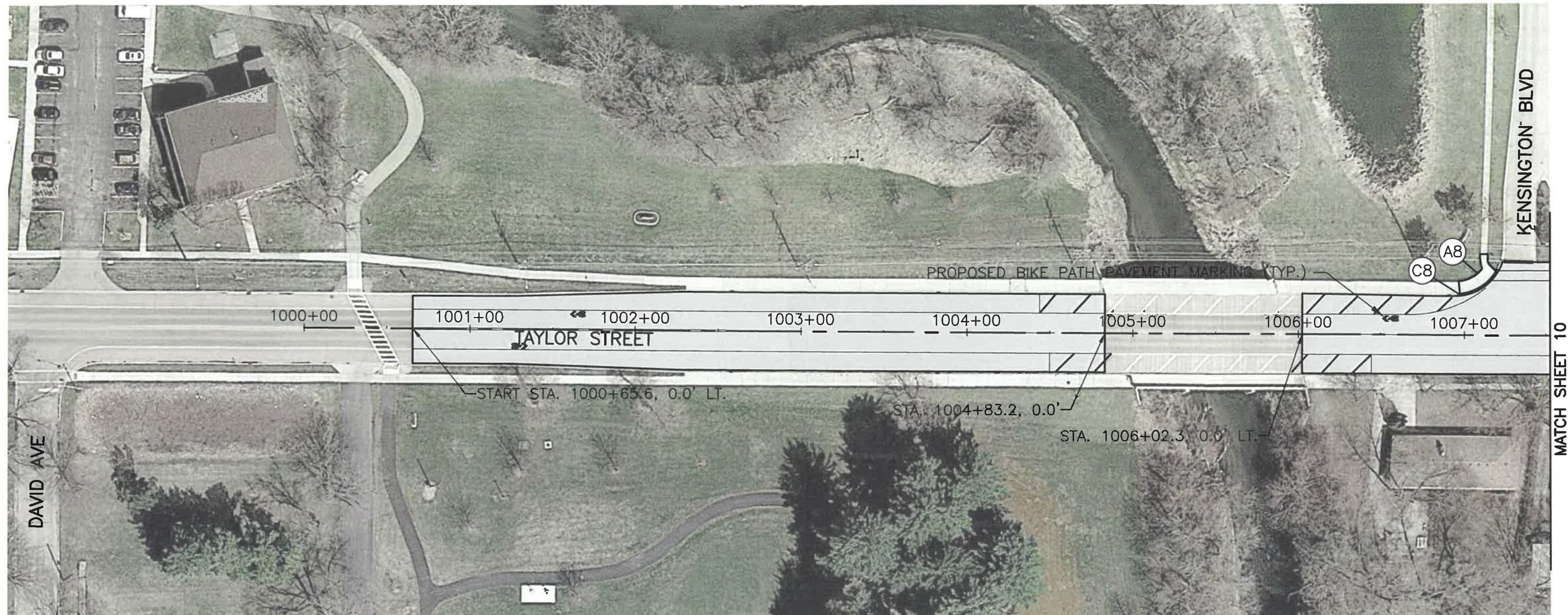
02/16/2021

FEHR GRAHAM

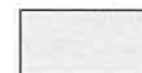
ENGINEERING & ENVIRONMENTAL

ILLINOIS DESIGN FIRM NO. 184-003825

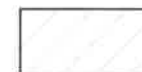
ILLINOIS
IOWA
WISCONSIN



LEGEND



MILLING AND OVERLAY AREA



BASE REPAIR AREA



PARKWAY SIDEWALK REMOVAL



ADA COMPLIANT SIDEWALK



CURB REMOVAL AND REPLACEMENT



DRIVEWAY REMOVAL AND REPLACEMENT



SIDEWALK REMOVAL AND REPLACEMENT



BASE REPAIR

21-106 DEKALB STREETS 2021

BASE BID

TAYLOR STREET

SHEET 9

DEKALB, ILLINOIS

02/16/2021

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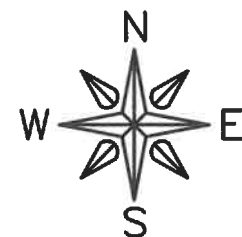
ILLINOIS DESIGN FIRM NO. 184-003525

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ILLINOIS

IOWA

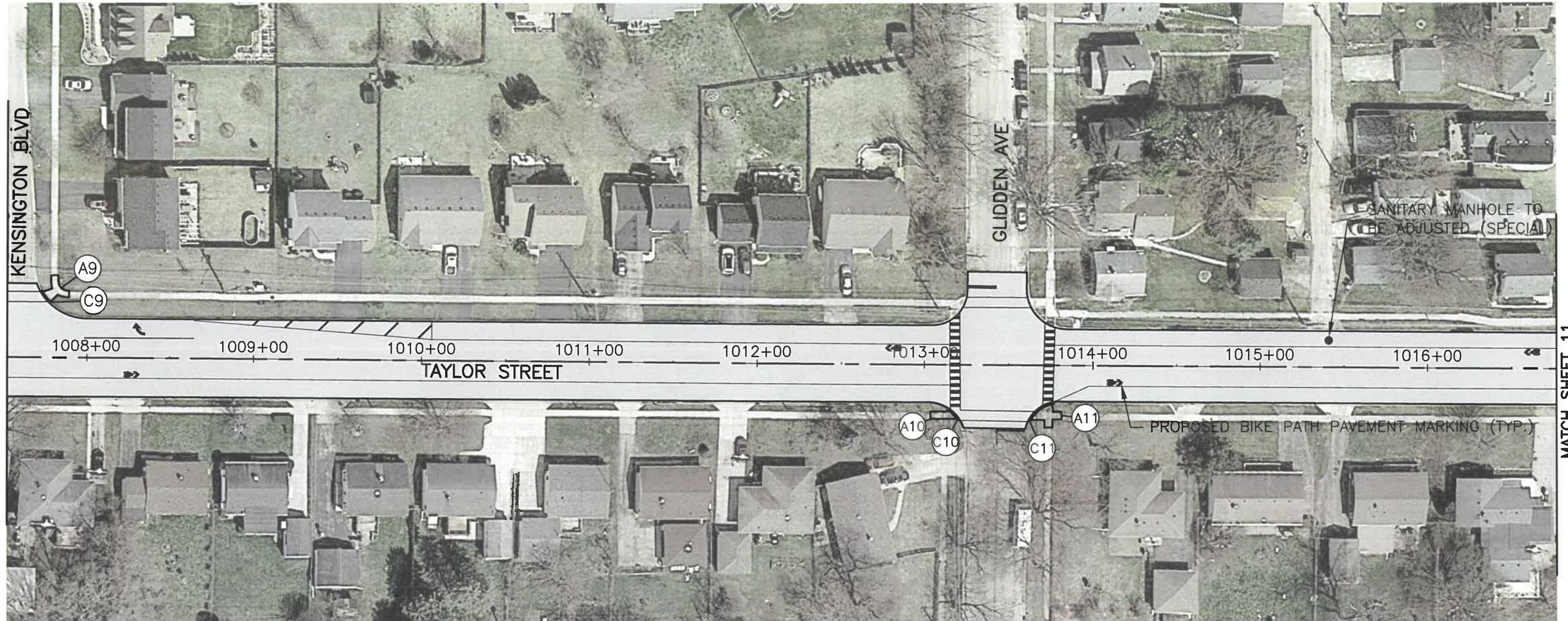
WISCONSIN



60 0 60 FEET
GRAPHIC SCALE IN FEET

MATCH SHEET 9

MATCH SHEET 11



LEGEND



MILLING AND OVERLAY AREA

BASE REPAIR AREA

(R#)

PARKWAY SIDEWALK REMOVAL

(A#)

ADA COMPLIANT SIDEWALK

(C#)

CURB REMOVAL AND REPLACEMENT

(D#)

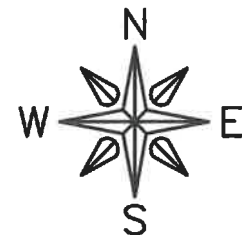
DRIVEWAY REMOVAL AND REPLACEMENT

(SW#)

SIDEWALK REMOVAL AND REPLACEMENT

(P#)

BASE REPAIR



60 0 60 FEET
GRAPHIC SCALE IN FEET

21-106 DEKALB STREETS 2021
BASE BID
TAYLOR STREET
SHEET 10
DEKALB, ILLINOIS

02/16/2021

FEHR GRAHAM

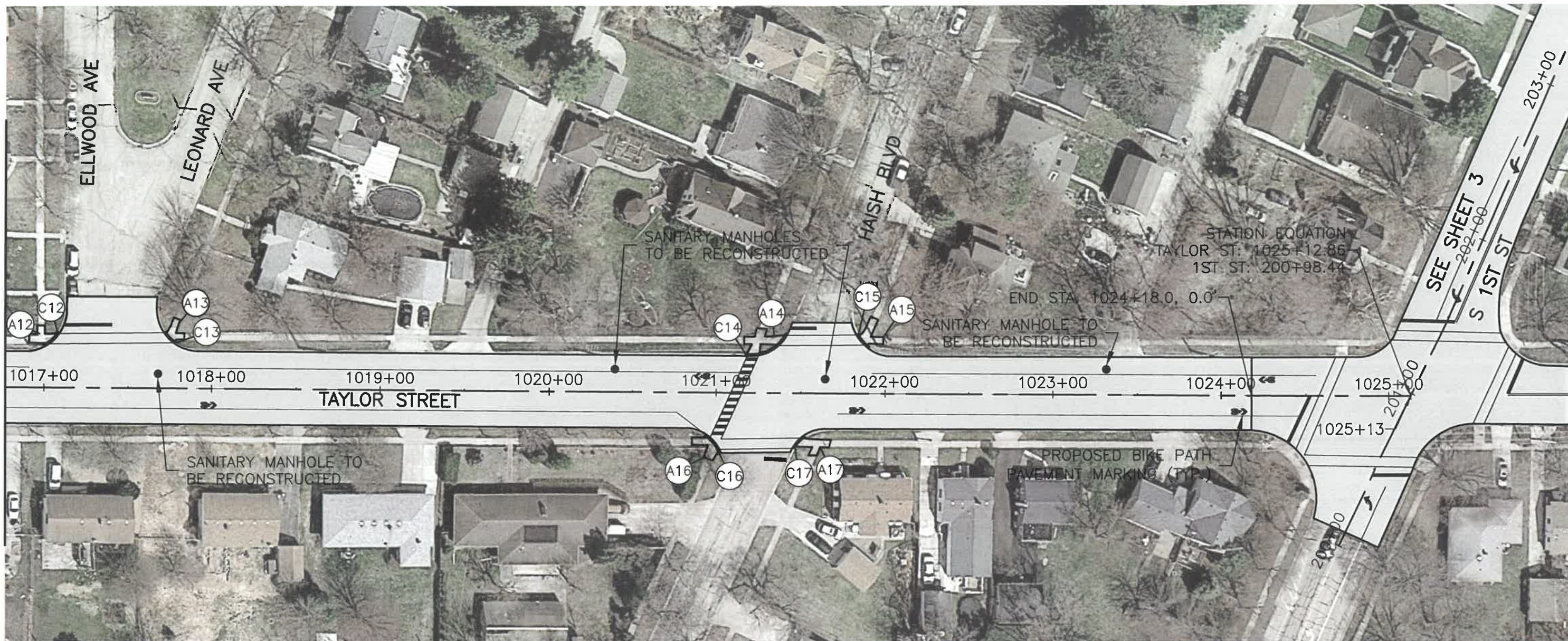
ENGINEERING & ENVIRONMENTAL

ILLINOIS DESIGN FIRM NO. 184-003525






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WISCONSIN

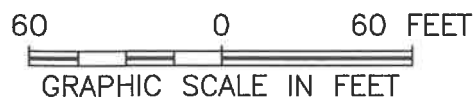
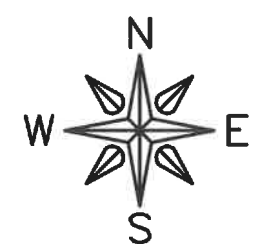
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MATCH SHEET 10



LEGEND

-  MILLING AND OVERLAY AREA
-  BASE REPAIR AREA
-  PARKWAY SIDEWALK REMOVAL
-  ADA COMPLIANT SIDEWALK
-  CURB REMOVAL AND REPLACEMENT
-  DRIVEWAY REMOVAL AND REPLACEMENT
-  SIDEWALK REMOVAL AND REPLACEMENT
-  BASE REPAIR

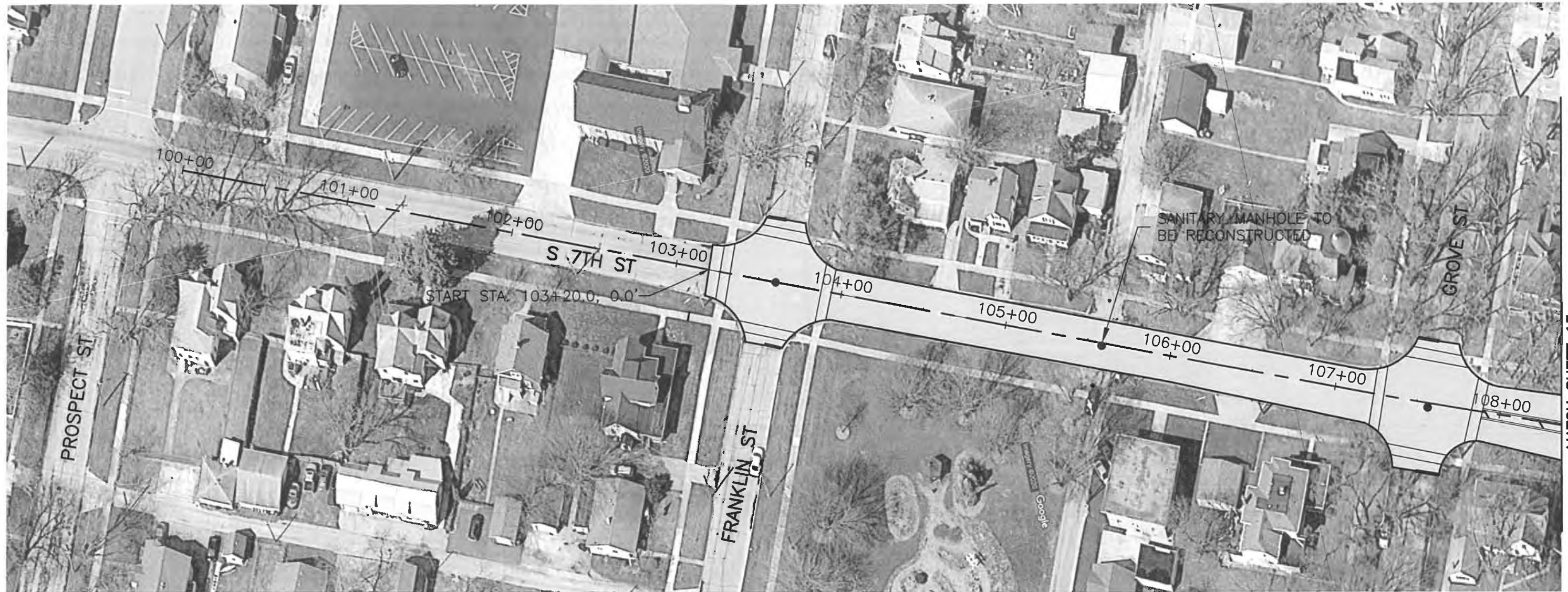


21-106 DEKALB STREETS 2021
BASE BID
TAYLOR STREET
SHEET 11
DEKALB, ILLINOIS

02/16/2021

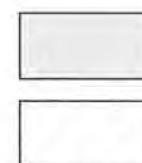
FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525
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ILLINOIS
IOWA
WISCONSIN



MATCH SHEET 13

LEGEND



MILLING AND OVERLAY AREA

BASE REPAIR AREA

(R#)

PARKWAY SIDEWALK REMOVAL

(A#)

ADA COMPLIANT SIDEWALK

(C#)

CURB REMOVAL AND REPLACEMENT

(D#)

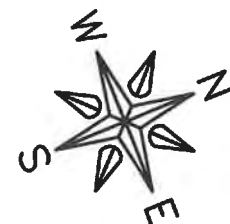
DRIVEWAY REMOVAL AND REPLACEMENT

(SW#)

SIDEWALK REMOVAL AND REPLACEMENT

(P#)

BASE REPAIR



60 0 60 FEET
GRAPHIC SCALE IN FEET

21-106 DEKALB STREETS 2021
ALTERNATE BID #1
SOUTH 7TH STREET
SHEET 12
DEKALB, ILLINOIS

02/16/2021

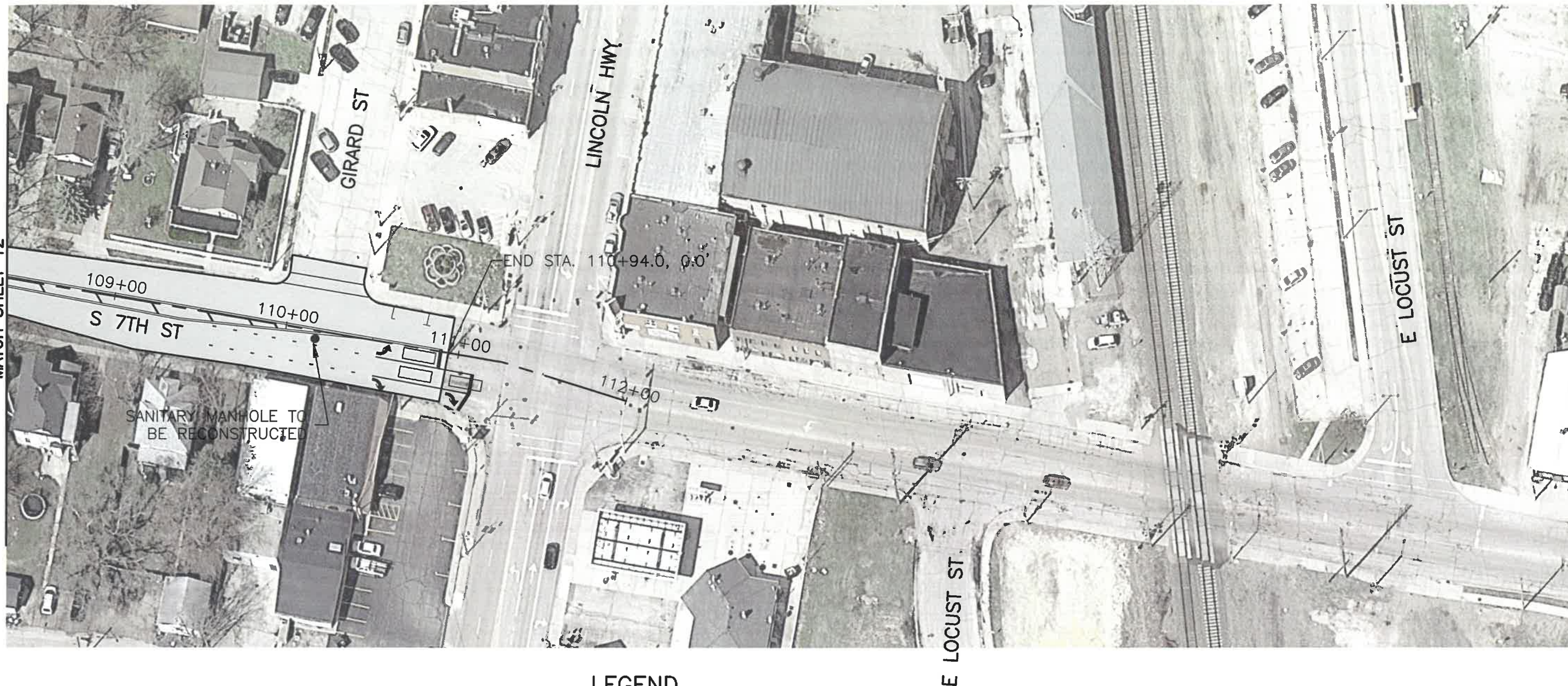
FEHR GRAHAM

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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

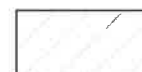
MATCH SHEET 12



LEGEND



MILLING AND OVERLAY AREA



BASE REPAIR AREA



PARKWAY SIDEWALK REMOVAL



ADA COMPLIANT SIDEWALK



CURB REMOVAL AND REPLACEMENT



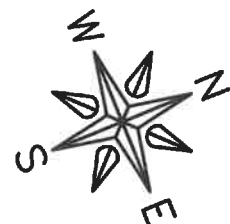
DRIVEWAY REMOVAL AND REPLACEMENT



SIDEWALK REMOVAL AND REPLACEMENT



BASE REPAIR



60 0 60 FEET
GRAPHIC SCALE IN FEET

21-106 DEKALB STREETS 2021
ALTERNATE BID #1
SOUTH 7TH STREET
SHEET 13
DEKALB, ILLINOIS

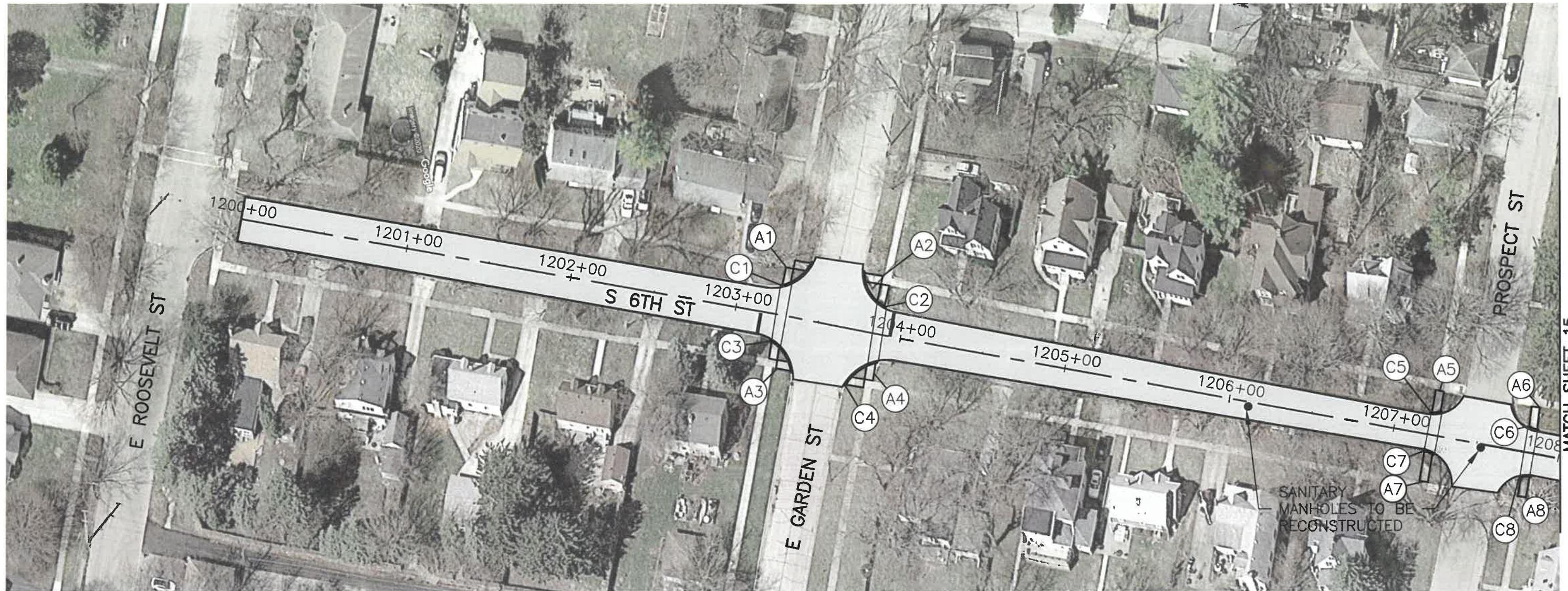
02/16/2021

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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
WISCONSIN

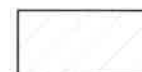


MATCH SHEET 15

LEGEND



MILLING AND OVERLAY AREA



BASE REPAIR AREA



PARKWAY SIDEWALK REMOVAL



ADA COMPLIANT SIDEWALK



CURB REMOVAL AND REPLACEMENT



DRIVEWAY REMOVAL AND REPLACEMENT



SIDEWALK REMOVAL AND REPLACEMENT



BASE REPAIR

21-106 DEKALB STREETS 2021
ALTERNATE BID #2
SOUTH 6TH STREET
SHEET 14
DEKALB, ILLINOIS

02/16/2021

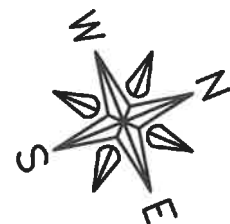
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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS
IOWA
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60 0 60 FEET
GRAPHIC SCALE IN FEET

MATCH SHEET 14



LEGEND



MILLING AND OVERLAY AREA



BASE REPAIR AREA



PARKWAY SIDEWALK REMOVAL



ADA COMPLIANT SIDEWALK



CURB REMOVAL AND REPLACEMENT



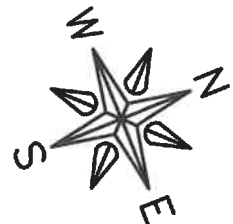
DRIVEWAY REMOVAL AND REPLACEMENT



SIDEWALK REMOVAL AND REPLACEMENT



BASE REPAIR



60 0 60 FEET
GRAPHIC SCALE IN FEET

21-106 DEKALB STREETS 2021
ALTERNATE BID #2
SOUTH 6TH STREET
SHEET 15
DEKALB, ILLINOIS

02/16/2021

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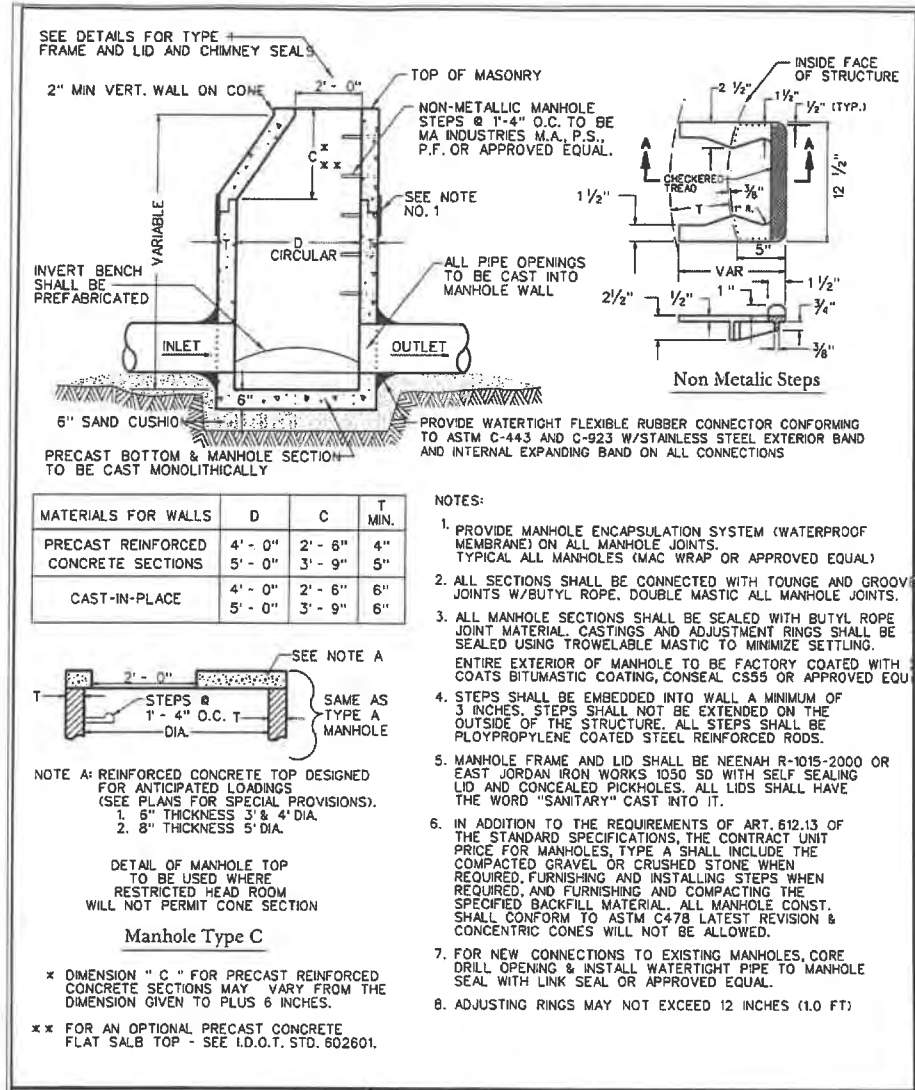
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS

IOWA

WISCONSIN

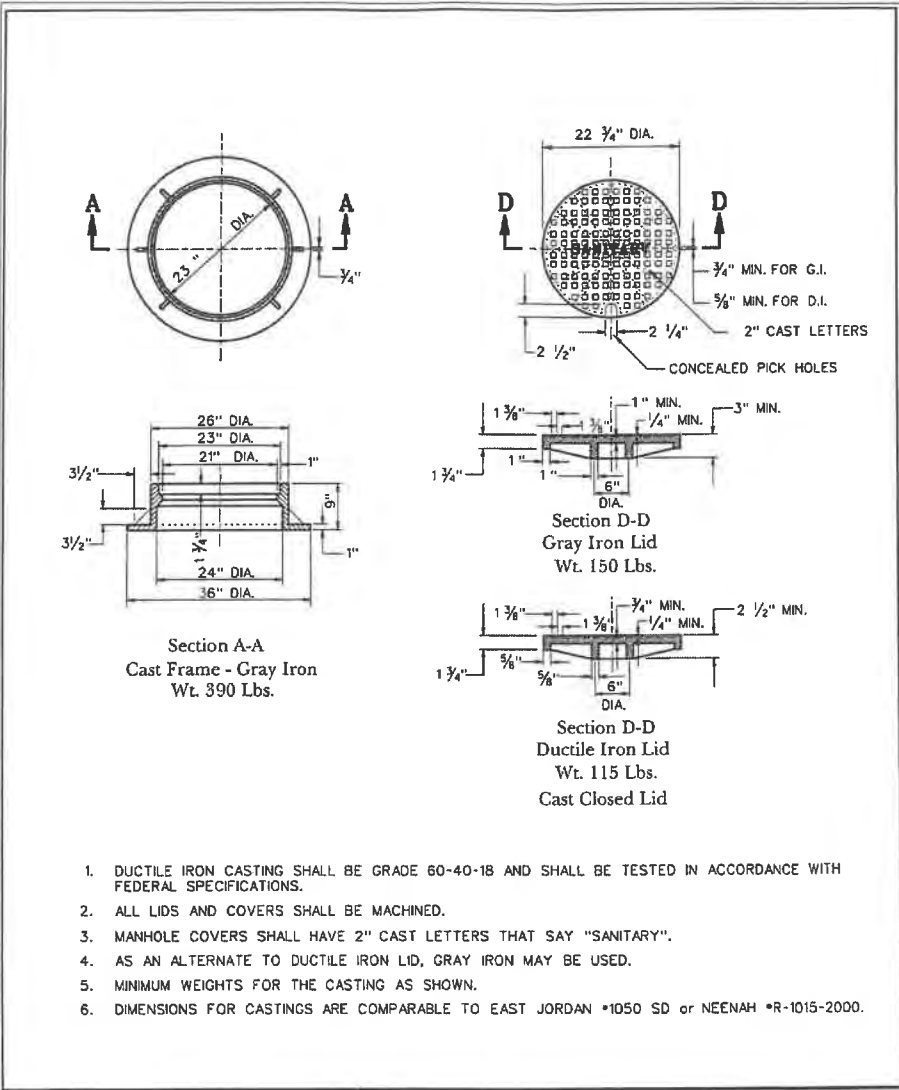
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DeKalb Sanitary District
303 Hollister Avenue • DeKalb, Illinois 60115
815.758.3513 Fax: 815.758.6613
DETAIL No. 19

Sanitary Manhole Type A

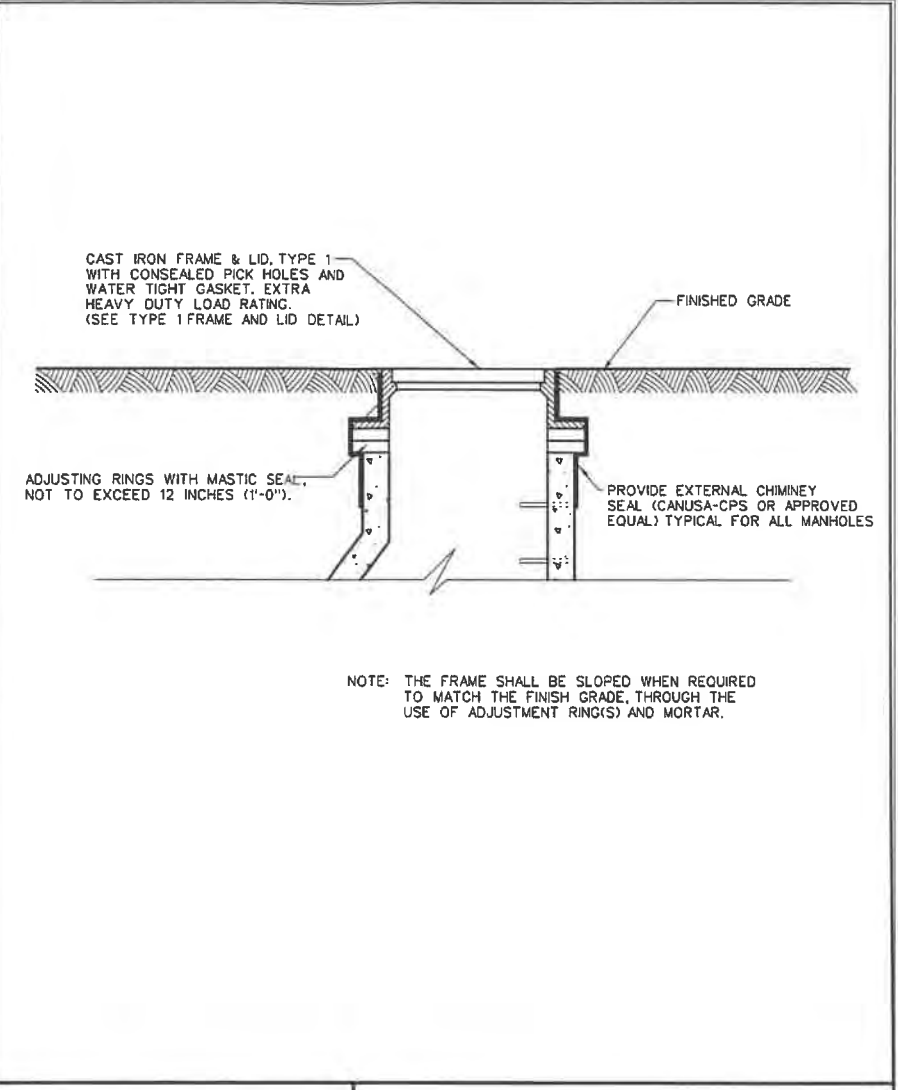
DATE: 06/12/07 REV.:



DeKalb Sanitary District
303 Hollister Avenue • DeKalb, Illinois 60115
815.758.3513 Fax: 815.758.6613
DETAIL No. 17

Frame and Lid Detail

DATE: 06/12/07 REV.:

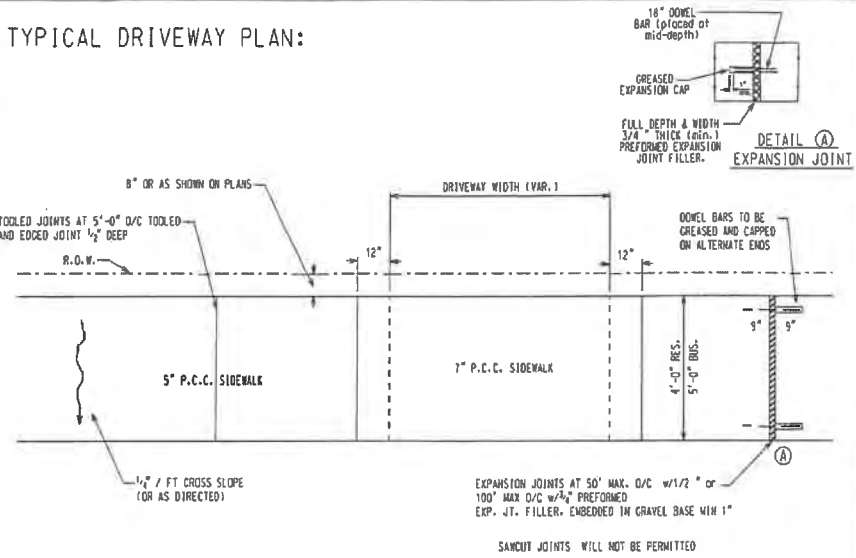


DeKalb Sanitary District
303 Hollister Avenue • DeKalb, Illinois 60115
815.758.3513 Fax: 815.758.6613
DETAIL No. 16

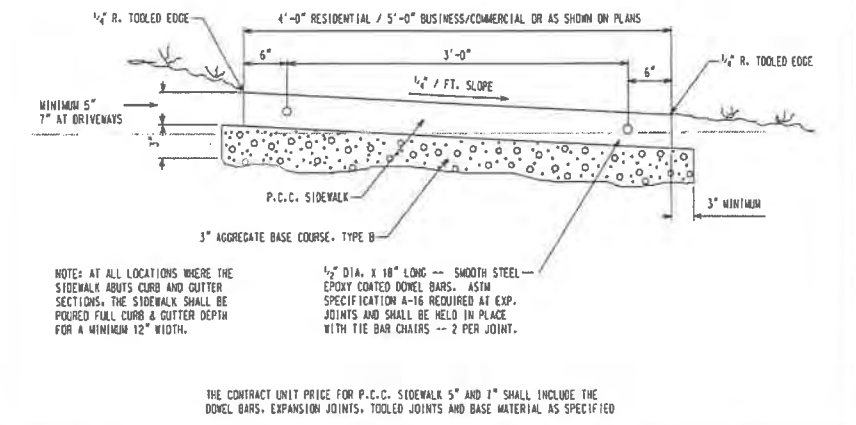
Flexible Watertight Frame Chimney Seal Detail

DATE: 06/12/07 REV.:

TYPICAL DRIVEWAY PLAN:



TYPICAL SECTION SIDEWALK DETAILS:

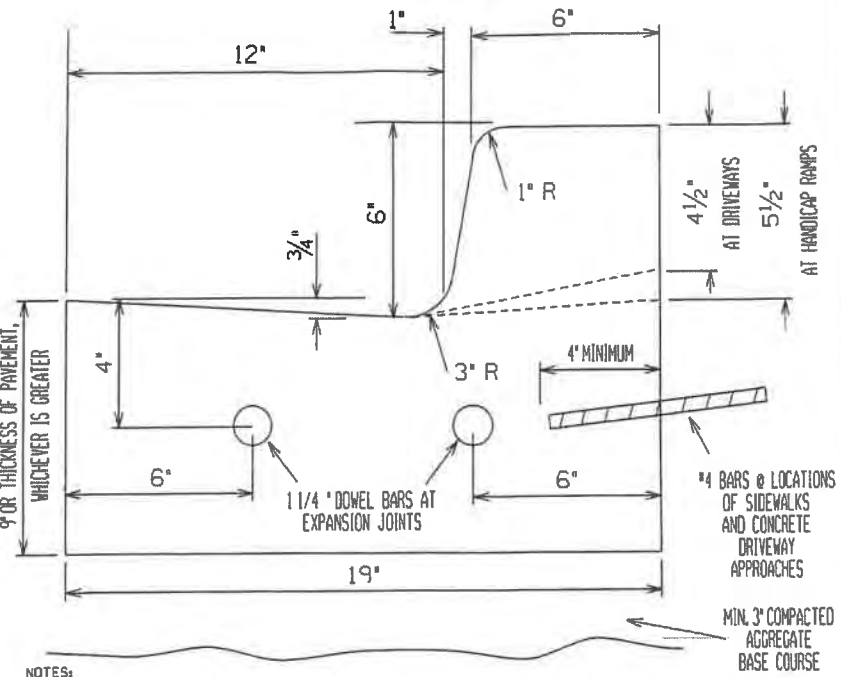


STANDARD DETAIL
FOR
P.C.C. SIDEWALK, 5" & 7"

REVISIONS
02/09/10 RBR

CITY OF DEKALB
STREET STANDARD
ST-105

SAME AS STATE STD.606001 FOR DOWEL BAR



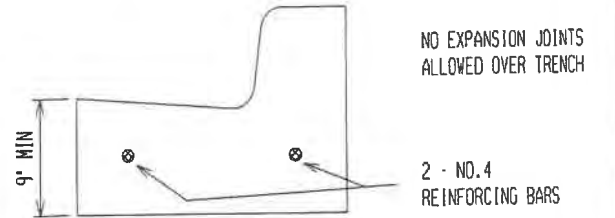
- NOTES:
- 1" BITUMINOUS PREFORMED EXPANSION INORGANIC FIBRE JOINT FILLER, CONFORMING TO AASHTO STANDARD M 213, CUT TO THE SHAPE OF THE COMBINATION CURB AND GUTTER SHALL BE PLACED AT 100' INTERVALS, AT ALL P.C. AND P.T. POINTS AND AT 5' BOTH SIDES OF ANY STRUCTURE IN THE CURB LINE. SAWED CONTRACTION JOINTS, 2" DEEP ARE TO BE PLACED AT 25' INTERVALS BETWEEN EXPANSION JOINTS. ALL EXPANSION AND CONTRACTION JOINTS ARE TO BE FILLED WITH JOINT SEALER CONFORMING TO SECTION 1050.01 OF THE STANDARD SPECIFICATIONS.
 - TWO 1-1/4" EPOXY COATED DOWELBARS, 18" LONG WITH A PINCHED STOP THAT WILL PROVIDE 1" EXPANSION, SHALL BE PLACED THROUGH EACH EXPANSION JOINT.
 - AT LOCATIONS OF CURB AND GUTTER PATCHING, BOTH FRONT AND BACK FORMS ARE TO BE USED, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.
 - TEMPORARY HOT MIX ASPHALT PATCHING SHALL BE PLACED IN FRONT OF AND AGGREGATE BEHIND ALL CURB AND GUTTER AT DRIVEWAYS, SIDEWALKS AND LOCATIONS WITH HIGH PEDESTRIAN TRAFFIC SPECIFIED BY THE ENGINEER.
 - 2 LENGTHS OF CONTINUOUS #4 REBARS SHALL BE PLACED THROUGH ALLEY AND COMMERCIAL DRIVE ENTRANCES OR AS DIRECTED BY THE ENGINEER.

STANDARD DETAIL FOR
P.C.C. COMBINATION CONCRETE CURB
AND GUTTER, 8-6.12

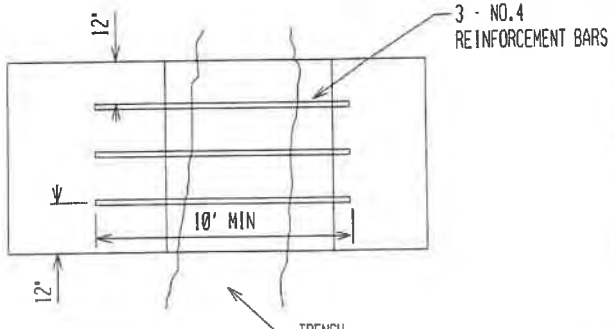
REVISIONS
RBR 7/11/08

CITY OF DEKALB
STREET
STANDARD
ST-100

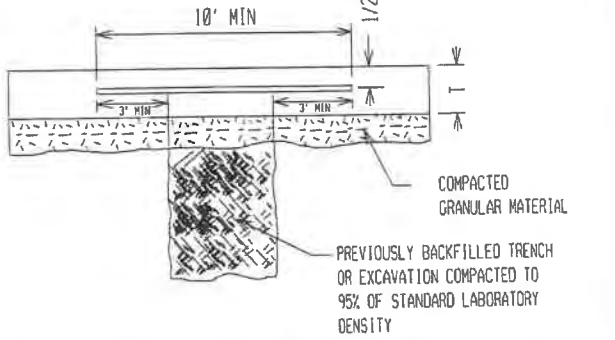
TYPICAL
PLACEMENT IN
CURB & GUTTER
SECTION



TYPICAL
PLACEMENT IN
SIDEWALK
SECTION



TYPICAL BAR
LENGTH
REQUIREMENTS
OVER TRENCH



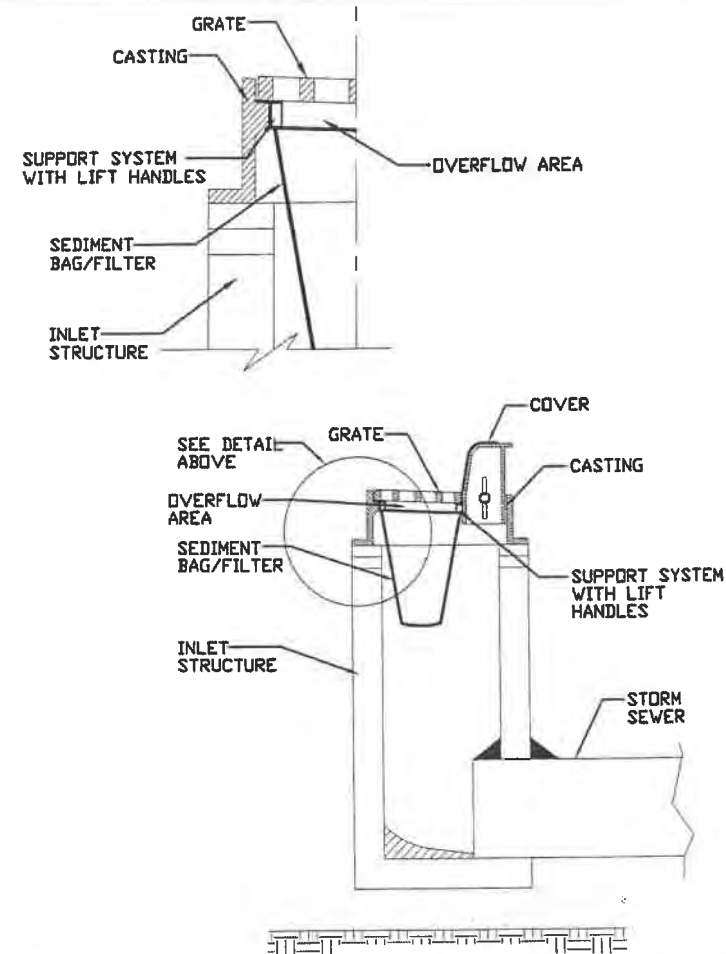
STANDARD DETAIL FOR
REINFORCING CURB & GUTTER OR
SIDEWALK INSTALLED OVER A TRENCH

REVISIONS
01/03/01 CEW

CITY OF DEKALB
STREET STANDARD
ST-103

REVISIONS		
REV. NO.	DESCRIPTION	DATE

INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION

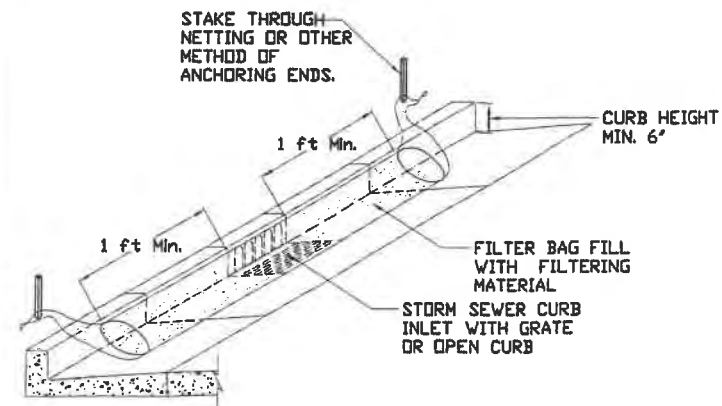


REFERENCE
Project _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____



STANDARD DWG. NO.
IUM-561D
SHEET 1 OF 1
DATE 01-11-11

INLET PROTECTION - PAVED AREAS CURB PROTECTION



REFERENCE
Project _____
Designed _____ Date _____
Checked _____ Date _____
Approved _____ Date _____



STANDARD DWG. NO.
IUM-561C
SHEET 1 OF 1
DATE 01-11-11

REVISIONS		
REV. NO.	DESCRIPTION	DATE