

PROPOSAL SUBMITTED BY:

ML&L Excavating, Inc

Contractor's Name

751 Duncan Dr

Street

Aurora

IL

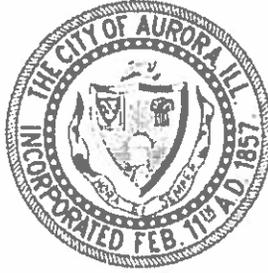
P. O. Box

60506

City

State

Zip Code



CITY OF AURORA
KANE COUNTY
STATE OF ILLINOIS

PROPOSAL AND SPECIFICATIONS FOR

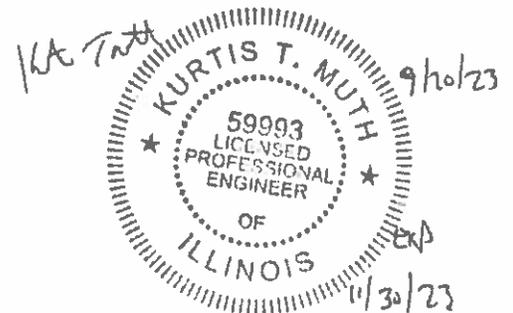
2024 On-Call Lead Water Service Line Replacement Contract

AURORA, ILLINOIS

September, 2023

Bid 23-93

PREPARED BY
CITY OF AURORA
Engineering Division
77 S. Broadway Avenue
AURORA, ILLINOIS 60507



PROPOSAL

TO: THE HONORABLE MAYOR AND CITY COUNCIL
CITY OF AURORA
44 EAST DOWNER PLACE
AURORA, ILLINOIS 60507

1. Proposal of ML&L Excavating, Inc
for the improvement known as the **2024 On Call Lead Water Service Line Replacement Contract Bid 23-93**.
2. The plans and specifications for the proposed improvements are those prepared by the City of Aurora Engineering Division and approved by the City Council of Aurora, Illinois.
3. In submitting this proposal, the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein, and that the proposal is made without collusion with any person, firm, or corporation.
4. The undersigned further declares that he has carefully examined the proposals, plans, specifications, form of contract and contract bond, and special provisions, if any, and that he has inspected in detail the site of the proposed work and that he has familiarized himself with all of the local conditions affecting the contract and detailed requirements of construction, and understands that in making this proposal he waives all right to plead any misunderstanding regarding the same.
5. The undersigned further understands and agrees that if the proposal is accepted, he is to furnish and provide all necessary machinery, tools, apparatus and other means of construction and to do all of the work and to furnish all of the materials and labor required.
6. The undersigned declares that he understands that the quantities mentioned are approximate only, and that they are subject to increase or decrease; that he will take in full payment therefore the amount of the summation of the actual quantities, as finally determined, and multiplied by the unit prices shown in the schedule of prices contained herein.
7. The undersigned agrees that the unit prices submitted herewith are for the purpose of obtaining a gross sum and for use in computing the value of extras and deductions; that if there is a discrepancy between the gross sum bid and that resulting from the summation of the quantities multiplied by their respective unit prices, the latter shall apply.
8. The undersigned agrees that if the City decides to extend or shorten the improvement, or otherwise alter it by extras or deductions, including the elimination of any one or more of the items, as provided in the specifications, he will perform the work as altered, increased or decreased, at the contract unit prices without claim for profits lost as a result of any work or items eliminated by the City of Aurora.
9. The undersigned agrees that the Engineer may, at any time during the progress of the work covered by this contract, order other work or materials incidental thereto, and that all such work and materials as do not appear in the proposal or contract as a specific item accompanied by a unit price, and which are not included under the bid price for other items in this contract, shall be performed as extra work, and that he will accept as full compensation therefore the actual cost plus ten percent (10%), the actual cost to be determined as provided for in the specifications.
10. The undersigned further agrees to execute a contract, a contract bond satisfactory to and in the form prescribed by the City in the penal sum of the full amount of the contract, guaranteeing the faithful performance of the work in accordance with the terms of the contract within **fifteen (15)** days after receiving the notice of award of the contract.

11. The undersigned further agrees to begin work not later than **ten (10)** calendar days after the execution or by the date stated within the contract documents and approval of the contract and contract bond, unless otherwise provided, and to prosecute the work in such a manner and with sufficient materials, equipment, and labor as will ensure its completion within the time limit specified herein, it being understood and agreed that the completion within the time limit is an essential part of the contract.
12. The undersigned agrees to complete the work within the time stipulated in the Special Provisions.
13. All work shall be completed to the satisfaction of the Engineer by the above dates unless the Engineer in accordance with the specifications grants additional time. In case of failure to complete the work within the time named herein, or within such extra time as may have been allowed by extensions, the undersigned agrees that the City shall withhold from such sums as may be due him under the terms of the contract the liquidated damages as set forth in the Standard Specifications, which costs shall be considered and treated not as a penalty, but as damages due the Municipality from the undersigned by reason of inconvenience to the public, added cost of engineering and supervision, and other items which have caused an expenditure of public funds resulting from the failure of the undersigned to complete the work within the time specified in the contract.
14. If this proposal is accepted and the undersigned shall fail to execute a contract and contract bond as required herein, it is hereby agreed that the amount of the check or draft or bidder's bond substituted in lieu thereof shall become the property of the City and shall be considered not as a penalty but as payment of liquidated damages due to delay and other causes suffered by the City because of the failure to execute said contract and contract bond, otherwise said check or draft or bidder's bond substituted in lieu thereof shall be returned to the undersigned.
15. Accompanying this proposal is either a **5% Bid Bond** or a proposal guaranty check, complying with the specifications, made payable to the City Treasurer of the City of Aurora. The amount of the check is \$

16. The undersigned submits herewith his schedule of prices covering the work to be performed under this contract, he understands that he must show in the schedule the unit prices for which he proposes to perform each item of work, that the extensions must be made by him, and that if not so done, his proposal may be rejected as irregular or non-responsive.
17. The undersigned agrees to conform to Section 100 of the Standard Specifications and to Article 107.27 of that section indemnifying and saving harmless the City of Aurora and its officers, agents, and employees. The Contractor shall provide insurance with limits as stated in the Article 6.7 of the *City of Aurora - General Specifications*.
18. The City of Aurora reserves the right to reject any or all of the bids and to waive any and all irregularities and technicalities. The City of Aurora shall either award the project or reject the bids within Sixty (60) calendar days after the bid opening. This time frame may be extended upon mutual agreement of the City and the Bidder.
19. The undersigned of this proposal agrees that he or she has examined all sections of this Proposal, Specifications, and Bidding Documents and hereby understands and accepts the provisions for access, or the lack of access, to the construction site and shall claim no compensation other than the prices as bid for this condition of accessibility.
20. The undersigned further agrees that the unit prices submitted herewith are for the complete item constructed, including all labor, equipment, material and other necessary incidental work.
21. The undersigned agrees to indemnifying and saving harmless the City of Aurora, its officers, agents, employees, and servants by filing with the City, prior to the execution of the contract, copies of completed Certificates of Insurance satisfactory to the City, with the City of Aurora named as co-insured; automobile

liability insurance covering owned, non-owned, and hired vehicles with limits of liability as stated in the City of Aurora - General Specifications Article 6.7.

22. No bid shall be considered unless the party offering it shall furnish evidence satisfactory to the City of Aurora that he has been previously engaged in the quality construction of improvements of the same character as the one herein specified, and that he has the necessary facilities, equipment, experience, and ability and pecuniary resources to fulfill the conditions of the contract
23. No contract will be awarded to any bidder where that bidder or any principal or supervisory personnel of the bidder has been personally involved with another business that has been delinquent or unfaithful in any former contract with the City or where that bidder or any supervisory personnel of the bidder has been personally involved with another business that is a defaulter as surety or otherwise upon obligation to the City.
24. The Illinois Freedom of Information Act (FOIA) has been amended and effective January 1, 2010, adds a new provision to Section 7 of the Act which applies to public records in the possession of a party with whom the City of Aurora has contracted. The City of Aurora will have only a very short period of time from receipt of a FOIA request to comply with the request, and there is a significant amount of work required to process a request including collating and reviewing the information. The undersigned acknowledges the requirements of FOIA and agrees to comply with all requests made by the City of Aurora for public records (as that term is defined by Section 2(c) of FOIA) in the undersigned's possession and to provide the requested public records to the City of Aurora within two (2) business days of the request being made by the City of Aurora. The undersigned agrees to indemnify and hold harmless the City of Aurora from all claims, costs, penalty, losses and injuries (including but not limited to, attorney's fees, other professional fees, court costs and/or arbitration or other dispute resolution costs) arising out of or relating to its failure to provide the public records to the City of Aurora under this agreement.
25. The undersigned submits herewith this **Schedule of Prices** covering the work to be performed under this contract:



Schedule of Prices
2024 Lead Water Service Line
Replacement Program
Bid 23-93

<u>Item #</u>	<u>Description</u>	<u>Unit</u>	<u>Unit Price</u>
1	Water Main Tap and Corporation Stop, 1"	EACH	450.00
2	Water Main Tap and Corporation Stop, 1.5"	EACH	800.00
3	Water Main Tap and Corporation Stop, 2"	EACH	1000.00
4	Connect to Existing Service Tap	EACH	275.00
5	Connect to Existing Curb Stop and Box	EACH	1200.00
6	Trenchless Pipe Installation, 1"	LF	50.00
7	Trenchless Pipe Installation, 1.5"	LF	70.00
8	Trenchless Pipe Installation, 2"	LF	80.00
9	Open Cut Water Service Replacement, 1"	LF	45.00
10	Open Cut Water Service Replacement, 1.5"	LF	65.00
11	Open Cut Water Service Replacement, 2"	LF	95.00
12	Curb Stop and Box, 1"	EACH	2700.00
13	Curb Stop and Box, 1.5"	EACH	3200.00
14	Curb Stop and Box, 2"	EACH	3500.00
15	Sanitary Sewer Adjustment	LF	75.00
16	Sanitary Sewer Removal and Replacement, 6"	LF	250.00
17	Drain Tile Repair	LF	75.00
18	Trench Backfill	TON	45.00
19	HMA Residential Driveway Pvmt. Removal & Replacement, 2"	SY	120.00
20	HMA Commercial Driveway Pvmt. Removal & Replacement, 4"	SY	140.00
21	PCC Residential Driveway Pvmt. Removal & Replacement, 6"	SY	180.00
22	PCC Commercial Driveway Pvmt. Removal & Replacement, 8"	SY	240.00
23	PCC Sidewalk Removal & Replacement, 5"	SF	50.00
24	Detectable Warnings	SF	40.00
25	Combination Curb & Gutter Removal & Replacement	LF	90.00
26	Bituminous Pavement Removal Only	SY	30.00
27	Bituminous Pavement Removal & Class D Patch, N50, 3" TO 5"	SY	130.00
28	Bituminous Pavement Removal & Class D Patch, N50, 6" TO 8"	SY	175.00
29	Bituminous Pavement Removal & Class D Patch, N50, 9" TO 12"	SY	225.00
30	Seeding - Aurora Mix	SY	50.00



Schedule of Prices
2024 Lead Water Service Line
Replacement Program
Bid 23-93

<u>Item #</u>	<u>Description</u>	<u>Unit</u>	<u>Unit Price</u>
31	Arrow board	DAY	150.00
32	Barricades, Type 2 w/Steady Burn Lights	DAY	20.00
33	Advanced Warning Signs	DAY	50.00
34	Flagger	HOUR	120.00
35	Temporary Pavement Surface	SY	75.00
36	Inlet Protection	EACH	125.00
37	Mobilization	LS	1000.00
38	Remove and Reset Water Heater	EACH	500.00
39	Interior 1" Copper pipe (length above included 10')	LF	40.00
40	Interior Connection to Water Meter w/Slab	EACH	2800.00
41	Interior Connection to Water Meter w/Basement or Crawl Space	EACH	2500.00



Signatures

(If an individual)

Signature of Bidder _____

Business Address _____

(If a partnership)

Firm Name _____

Signed by _____

Business Address _____

Insert
Names and
Addresses of
All Partners

(If a corporation)

Corporate Name ML&L Excavating, Inc

Signed By *Michael Jimenez* President

Business Address 751 Duncan Dr

Aurora, IL 60506

President Michael Jimenez

Secretary Cara Jimenez

Treasurer Cara Jimenez

Attest: *Cara Jimenez* Secretary

BIDDER'S CERTIFICATION

I/We hereby certify that:

- A. A complete set of bid papers, as intended, has been received, and that I/We will abide by the contents and/or information received and/or contained herein.
B. I/We have not entered into any collusion or other unethical practices with any person, firm, or employee of the City which would in any way be construed as unethical business practice.
C. I/We have adopted a written sexual harassment policy which is in accordance with the requirements of Federal, State and local laws, regulations and policies and further certify that I/We are also in compliance with all other equal employment requirements contained in Public Act 87-1257 (effective July 1, 1993) 775 ILCS 5/2-105 (A).
D. I/We are in compliance with the most current "Prevailing Rate" of wages for laborers, mechanics and other workers as required by the State of Illinois Department of Labor.
E. I/We operate a drug free environment and drugs are not allowed in the workplace or satellite locations as well as City of Aurora sites in accordance with the Drug Free Workplace Act of January, 1992.
F. The Bidder is not barred from bidding on the Project, or entering into this contract as a result of a violation of either Section 33E-3 or 33E-4 of the Illinois Criminal Code, or any similar offense of "bid rigging" or "bid rotating" of any state or the United States.
G. I/We will submit with our bid, for all contracts in excess of \$25,000.00, a certificate indicating participation in apprenticeship and training programs approved and registered with the United States Department of Labor.

Contractor shall check the box indicating that a copy of applicable program certification is attached.

- H. I/We have obtained IDOT prequalification as described in Check Sheet LRS6 in the "Supplemental Specifications and Recurring Special Provisions" in the categories appropriate for the type of work proposed for this project.

Contractor shall check the box indicating that a copy of the IDOT prequalification certification for the appropriate categories is attached.

- I. I/We will abide by all other Federal, State and local codes, rules, regulations, ordinances and statutes.
J. I/We will abide by the "Illinois Preference Act" which requires contractors to use at least 90% Illinois laborers on all public works projects that receive State funds or funds administered by the State during a period of "excessive unemployment" (Employment of Illinois Workers on Public Works Act, 30 ILCS 570/).

COMPANY NAME ML&L Excavating, Inc

ADDRESS 751 Duncan Dr.

CITY/STATE/ZIP CODE Aurora, IL 60506

NAME OF CORPORATE/COMPANY OFFICIAL Michael Jimenez

PLEASE TYPE OR PRINT CLEARLY

TITLE President

AUTHORIZED OFFICIAL SIGNATURE [Signature]

DATE 10-10-2023

Subscribed and Sworn to

TELEPHONE (630) 844-3132

Before me this 10 day

FAX No. (630) 844-3510

of October, 2023

E-MAIL ADDRESS mllexcavating@comcast.net

[Signature]
Notary Public

Bid Number 23-93



Apprenticeship or Training Program Certification

Return with Bid

All contractors are required to complete the following certification:

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

The City of Aurora 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. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders to disclose participation in apprenticeship or training programs that are approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

- I. Except as provided in paragraph III below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
- II. The undersigned bidder, 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. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

Local 150

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

The requirements of this certification and disclosure are a material part of the contract. 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 City of Aurora requires 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 be included with the bid in order to qualify to bid on the project. text hei

Bidder: ML&L Excavating, Inc

By: 
(Signature)

Address: 751 Duncan Dr Aurora, IL 60506

Title: President

INTERNATIONAL UNION OF OPERATING ENGINEERS

LOCAL UNION NO. 150, 150B, 150A, 150C, 150RA, 150D, 150G, 150M

AFFILIATED WITH THE A.F.L.-C.I.O. AND BUILDING TRADES DEPARTMENT

JAMES M. SWEENEY
PRESIDENT-BUSINESS MANAGER



(708) 482-8800 - FAX (708) 482-7186
6200 JOLIET ROAD
COUNTRYSIDE, IL 60525-3992

November 10, 2023

M, L & L EXCAVATING
751 Duncan Drive
Aurora, IL 60506

Re: Proof of Compliance with 30 ILCS 500/30-22(6)
Our File No. MI-00321

Dear Sir or Madam:

At the request of Michael Jimenez, I am providing you with evidence of the Company's compliance with the apprenticeship requirements in 30 ILCS 500/30-22(6) of the Illinois Procurement Code. I am submitting this letter along with apprenticeship certificates (Nos. IL012020003 and IL008780173).

As a signatory contractor with the International Union of Operating Engineers, Local 150, AFL-CIO, M, L & L Excavating, is required by Collective Bargaining Agreement to participate in an applicable apprenticeship and training program approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training. The attached certificates are evidence of compliance with the U.S. Department of Labor's apprenticeship requirements.

Thank you for your cooperation in this matter. If you have any questions or concerns, please do not hesitate to contact me.

Very truly yours,

IUOE, Local 150, AFL-CIO
District 1 dispatch office

Colleen Lox

Enclosures: Certificates

The United States Department of Labor
Office of Apprenticeship

Certificate of Registration of Apprenticeship Program

Operating Engineers Local 150 Apprenticeship Fund
Wilmington, Illinois
For the Trade – Operating Engineer (Heavy Equipment Technician)

Registered as part of the National Apprenticeship System
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor

May 5, 2002
Date Revised June 21, 2011
Registration No. IL012020003



Walter J. Davis
Secretary of Labor
Al V. Kelly
Administrator, Office of Apprenticeship

The United States Department of Labor
Office of Apprenticeship

Certificate of Registration of Apprenticeship Program

Operating Engineers Local 150 Apprenticeship Fund
Wilmington, Illinois
For the Trade - Operating Engineer

Registered as part of the National Apprenticeship System
in accordance with the basic standards of apprenticeship
established by the Secretary of Labor

December 31, 1978
Revised June 23, 2011

Registration No.

IL008780173



Walter J. Davis
Secretary of Labor
Al V. Hall
Administrator, Office of Apprenticeship

STATE OF ILLINOIS)
) ss.
County of Kane)

BIDDER'S TAX CERTIFICATION

(BIDDER'S EXECUTING OFFICER), being first duly sworn on oath, deposes and states that all statements made herein are made on behalf of the Bidder, that this despondent is authorized to make them and that the statements contained herein are true and correct.

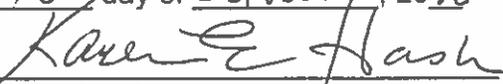
Bidder deposes, states and certifies that Bidder is not barred from contracting with any unit of local government in the State of Illinois as result of a delinquency in payment of any tax administered by the Illinois Department of Revenue unless Bidder is contesting, in accordance with the procedures established by the appropriate statute, its liability for the tax or the amount of the tax, all as provided for in accordance with 65 ILCS 5/11-42.1-1.

DATED this 10th day of October, 2023

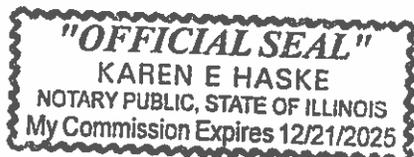
By 
(Signature of Bidder's Executing Officer)
Michael Jimenez
(Print name of Bidder's Executing Officer)
President
(Title)

ATTEST/WITNESS:

By 
Title Branch Manager

Subscribed and sworn to before me this
10 day of October, 2023

Notary Public

(SEAL)





City of Aurora, IL - Local Vendor Preference Application

The business identified below is requesting to be placed on the City of Aurora, Illinois Local Vendor Preference list, in accordance with ordinance O20-029 approved April 28, 2020

- 1) Date Submitted: _____
- 2) Name of Business: _____
- 3) Address of Local Office: _____
- 4) City, State, Zip: _____
- 5) Company's Web Address: _____
- 6) Phone: _____ Fax: _____
- 7) County your Local Business is Located In: _____

Submitted By (Signature) _____

Print Name and Title: _____

Email Address: _____

Sec. 2-410.-Prequalification; local bidder.

- (a) If an interested business would like to prequalify as a "local business", such a business shall complete and submit the prequalification application along with supporting documentation, as listed below, and the applicable fee as set by the City Council, to the Finance Department:
 - a. Evidence that the business has established and maintained a physical presence in the City of Aurora, by virtue of the ownership or lease of all or a portion of a building for a period of not less than twelve (12) consecutive months prior to the submission of the prequalification application; and
 - b. Evidence demonstrating that the business is legally authorized to conduct business within the State of Illinois and the City of Aurora, and has a business registered to operate in the City if required; and
 - c. Evidence that the business is not a debtor to the City of Aurora. For purposes of this subparagraph, a debtor is defined as having outstanding fees, water bills, sales tax or restaurant bar tax payments that are thirty (30) days or more past due, or has outstanding weed or nuisance abatement or liens, has failure to comply tickets or parking tickets that are not in dispute as to their validity and are not being challenged in court or other administrative processes.

Back up documentation for (a) a. and (a) b. must accompany this submittal or application will be rejected.

Please note for (a) c. above the City of Aurora will verify internally that your company does not have any outstanding fees. Your company should make sure that to the best of its knowledge all bills are current.

Return completed application, with all required backup documentation to:
City of Aurora, Attn: Purchasing Division, 44 E. Downer Place, Aurora, IL 60507
Or email to: PurchasingDI@aurora.il.us

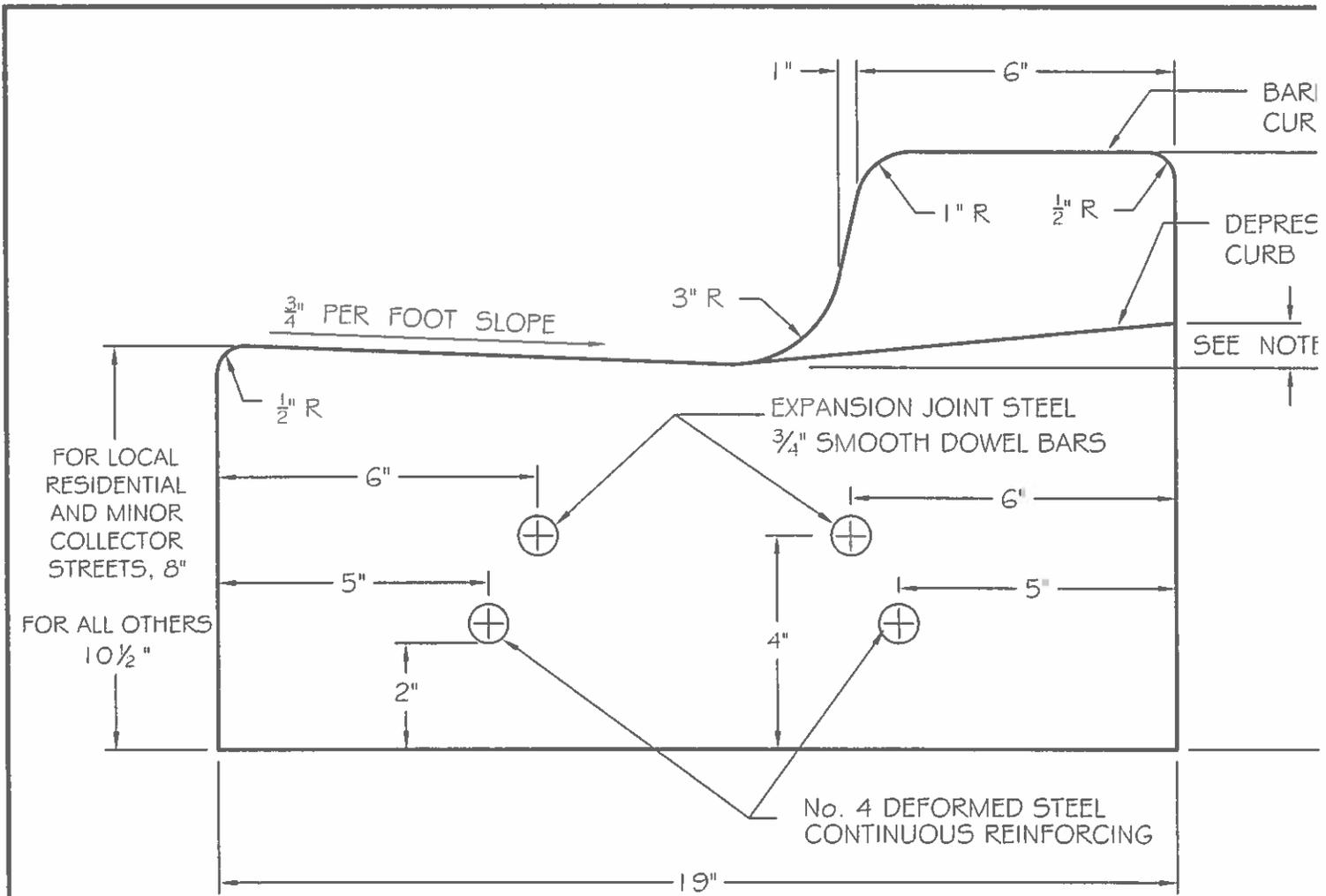
Do not write below this line: For City of Aurora use ONLY

- (a) a.
- (a) b.
- (a) c.

Date: _____

Approved: _____
Letter Sent: _____

Denied: _____
Initials: _____



- NOTES: 1. CURB & GUTTER SHALL HAVE A LIGHT BROOM FINISH.
 2. CURB & GUTTER TO BE PLACED ON MINIMUM COMPACTED 4" CA-7 LIMESTONE BASE.
 3. EQUALS 2" AT DRIVEWAYS, 1/2" MAXIMUM AT ACCESSIBLE CURB RAMPS.



REVISIONS

DATE:	BY:
02/2013	DG

CONCRETE CURB &

SCALE:	CHECKED:	DRAWING NUMBER
NOT TO SCALE	DF	
DATE:	DRAWN:	E
1/04	NM	

CURB AND GUTTER GENERAL NOTES:

1. Contraction joints shall be placed ten (10) feet on centers and shall be saw cut to a minimum depth of two (2) inches from front to back within twenty four (24) hours of concrete placement.
2. The concrete material, curing, protection, and placement for all curb, combination curb and gutter or, depressed curb and gutter shall meet the requirements of Articles 606, 1020, 1021, 1022, and 1023 of the State of Illinois "Standard Specifications for Road and Bridge Construction", latest edition. Membrane curing and concrete sealing shall be accompanied by W.R. Meadows CS-309 Cure and Seal or approved equal like Okon S-20. If the forecast indicates temperatures below 32° F, protection methods shall be installed in accordance with the Standard Specifications for Road and Bridge Construction and shall be approved by the City Engineer.
3. The minimum longitudinal curb slope shall be 0.40%.
4. Cuts into the existing curb shall be made full depth with full expansion joints drilled at each per Exhibit II-C-12 herein.

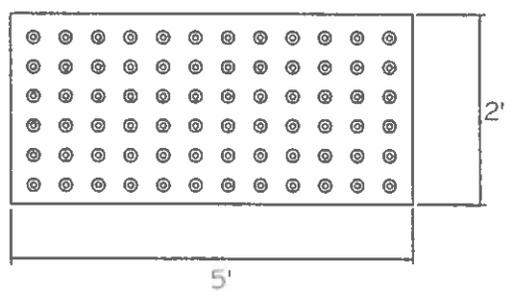
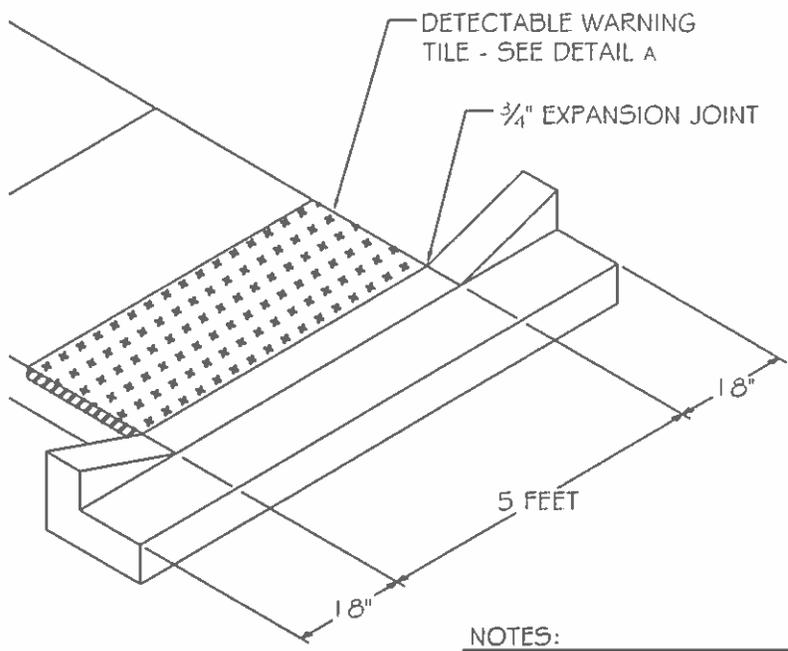


REVISIONS

DATE:	BY:
01/2011	jhs
02/2013	DG

CURB AND GUTTER GENERAL NOTES

SCALE:	CHECKED:	DRAWING NUMBER
DATE: 03/08	DRAWN: J. MOORE	EXHIBIT II-C-5



DETAIL - A

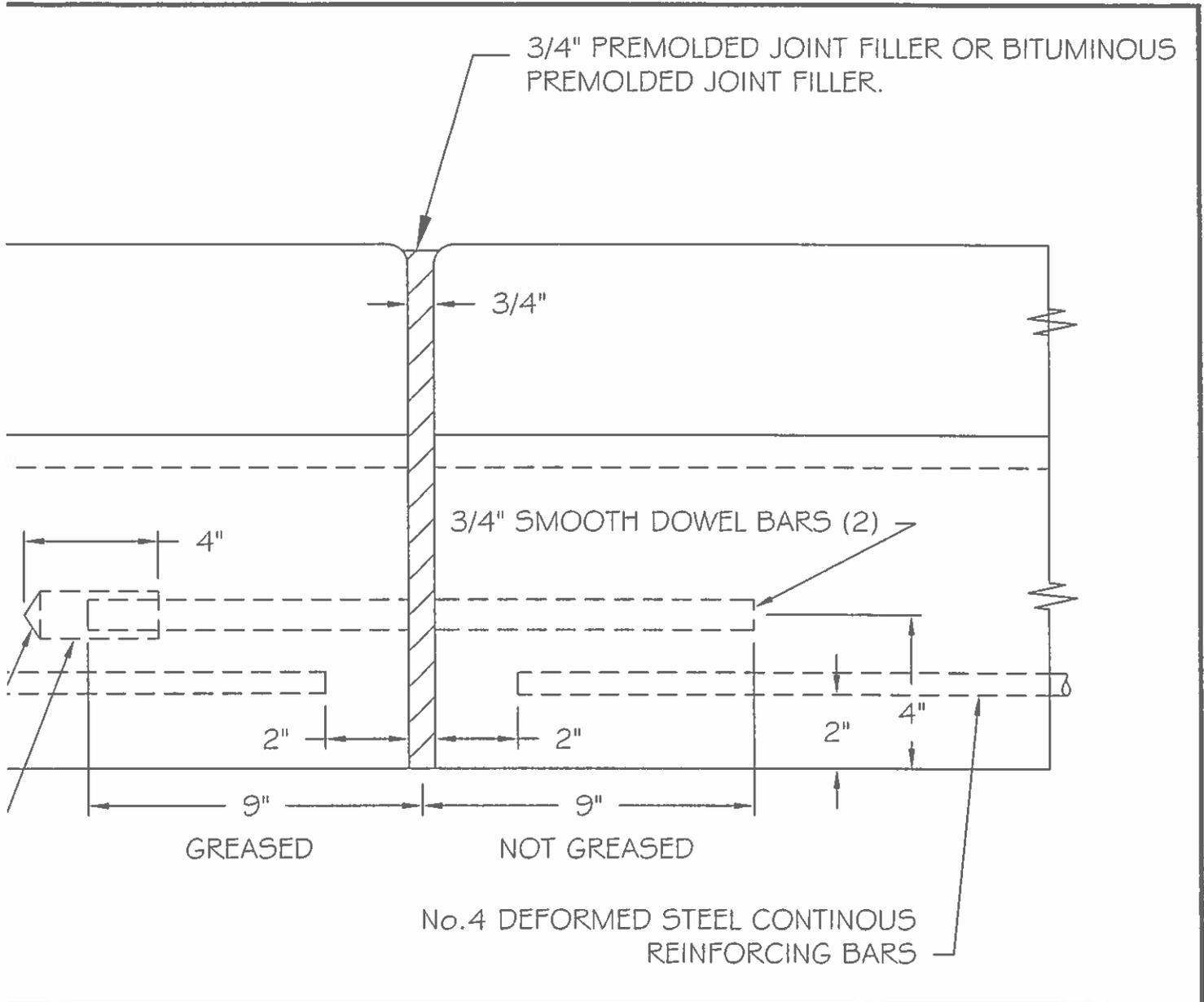
AT RADIUS LOCATIONS, USE A 2' X 4' TILE AS REQUIRED TO FIT SIDEWALK

CURB RAMP DETAIL
 STANDARD 5' WIDE
 LANDSCAPED AREAS

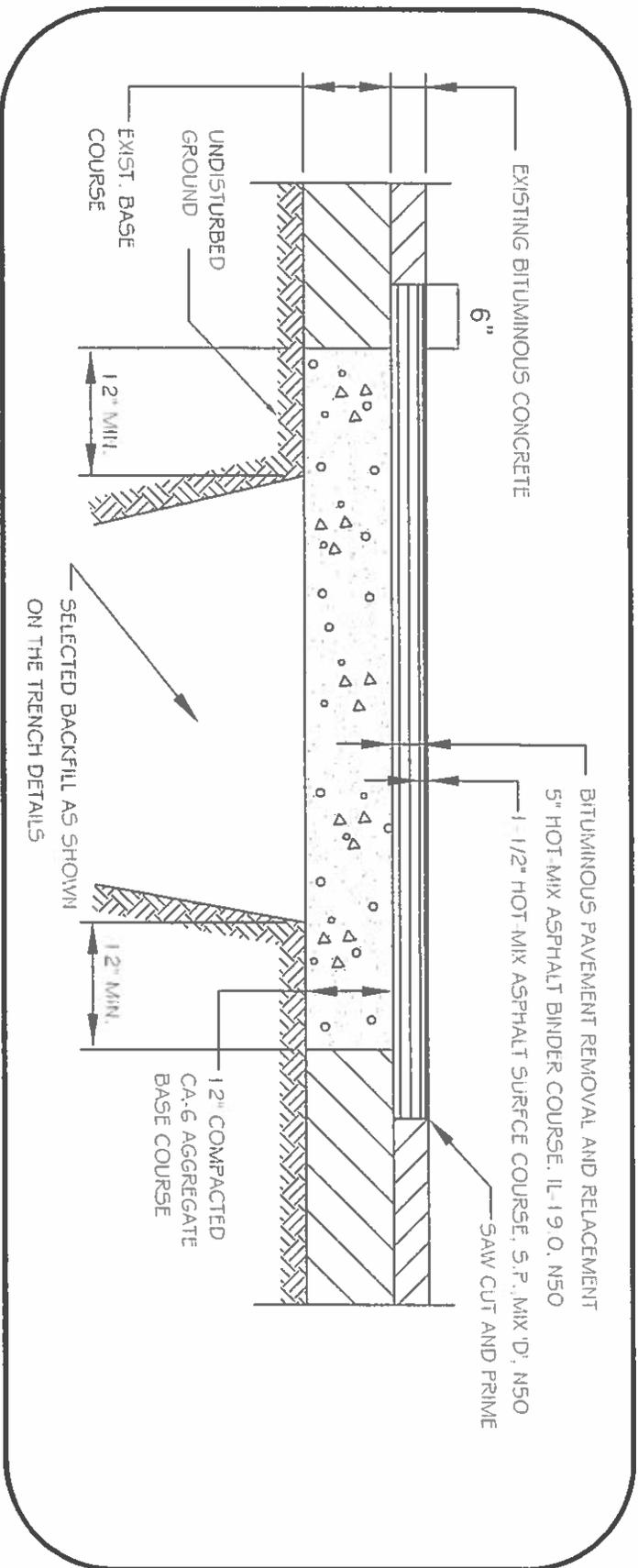
NOTES:

1. DETECTABLE WARNING TILES SHALL BE RED 2' x 5'. IDOT APPROVED PRODUCT WITH A 5 YEAR WARRANTY (MIN.).
2. TILES SHALL BE SECURELY ANCHORED WITHIN A 5' x 5' SQUARE OF P.C. CONCRETE 6" THICK.
3. PLACEMENT OF DETECTABLE WARNING TILES SHALL ADHERE TO LOCATIONS & SETBACKS AS SHOWN IN IDOT STANDARDS INCLUDING 424001 FOR VARIOUS FIELD CONDITIONS.
4. THE COLORING AND STAMPING OF CONCRETE WILL NOT BE ALLOWED.
5. DETECTABLE WARNINGS SHALL BE INSTALLED AT ALL CURB RAMPS. BIKE PATH TILE AREA SHALL MEASURE 8' WIDE.

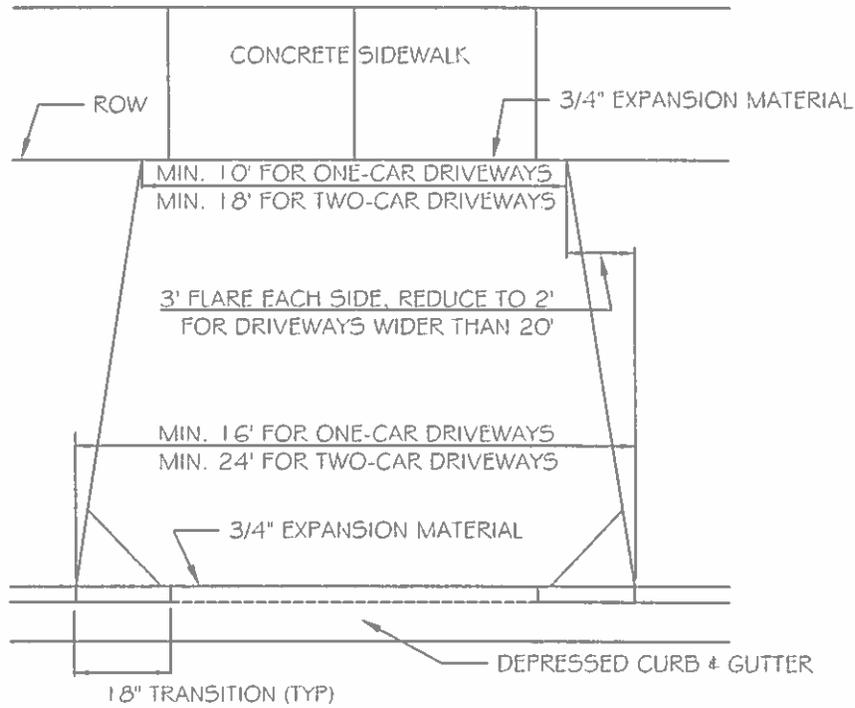
DNS	<h2 style="margin: 0;">CURB RAMP DETAIL</h2>		
5	SCALE: NOT TO SCALE	CHECKED: CL	DRAWING NUMBER:
	DATE: 1/04	DRAWN: DG	<h1 style="margin: 0;">EXHIBIT II-C-6</h1>



SIGNATURES	EXPANSION JOINT DETAIL		
DG	DATE: 1/04	DRAWN: NM	



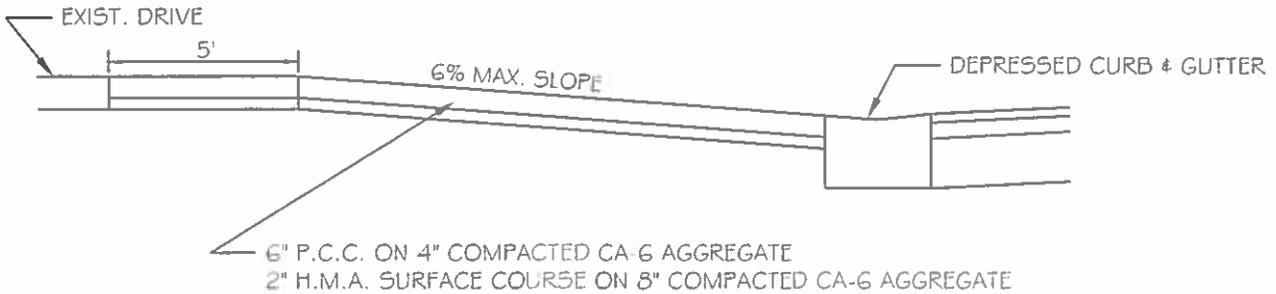
**PAVEMENT RESTORATION
FOR RESIDENTIAL STREETS AND MINOR COLLECTORES**



PLAN VIEW

NOTES:

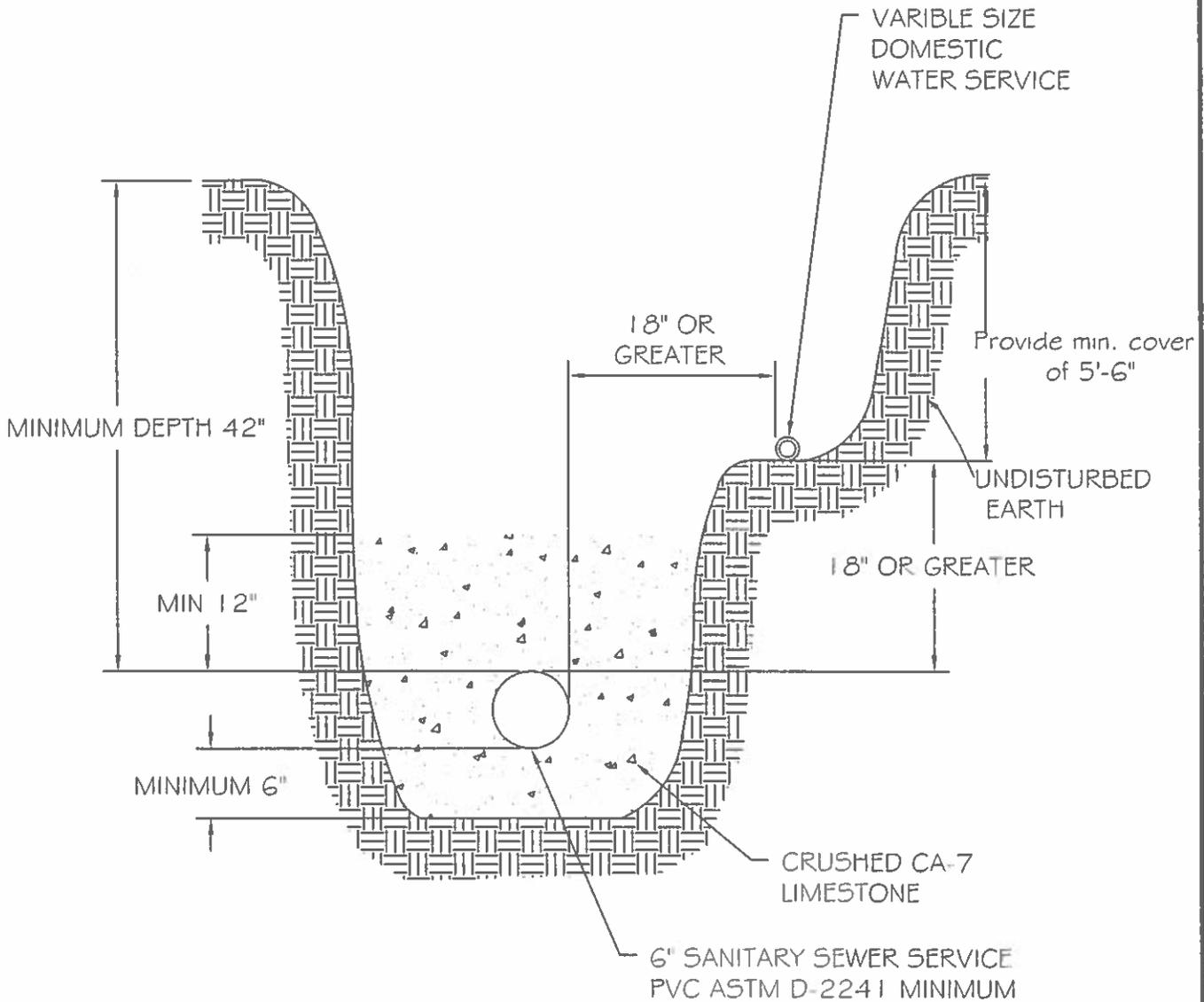
1. IN CITY OF AURORA ESTABLISHED HISTORIC DISTRICTS, DRIVEWAY DIMENSIONS SHALL BE ADJUSTED TO CONFORM TO THE APPROVED STANDARDS.
2. CONTRACTION JOINT DEPTH SHALL BE 1 - 1/4" MIN.
3. CONTRACTION JOINTS SHALL DIVIDE THE APRON INTO SLABS APPROXIMATELY SQUARE WITH NO SIDE LONGER THAN 8'.



PROFILE VIEW

 <p>AURORA The City of Lights ENGINEERING</p>	REVISIONS		RESIDENTIAL DRIVE APPROACH		
	DATE: 01/2013	BY: DG	SCALE: NOT TO SCALE	CHECKED: DF	DRAWING NUMBER
			DATE: 1/04	DRAWN: NM	EXHIBIT II-C-7

REQUIRED WHEN A SEPARATE TRENCH OR A TEN FOOT (10') MINIMUM SEPARATION IS NOT POSSIBLE.
 REFER TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

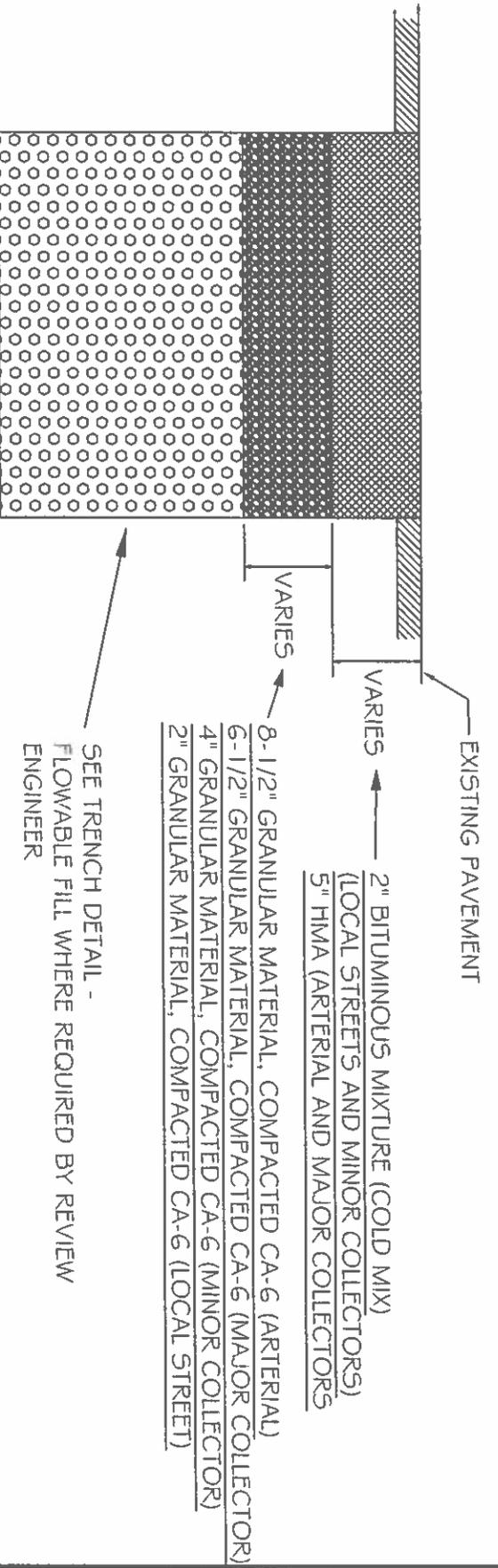


REVISIONS

DATE:	BY:
01/2011	jhs

SANITARY AND WATER SERVICE SEPARATION

SCALE:	CHECKED:	DRAWING NUMBER
NOT TO SCALE	DF	EXHIBIT III-C-2
DATE:	DRAWN:	
1/04	NM	



NOTES :

- 1.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL IN ACCORDANCE WITH I.D.O.T. SPECIFICATIONS.
- 2.) CONTRACTOR SHALL MONITOR AND MAINTAIN THE CONDITION OF THE TEMPORARY PATCH BY PLACING ADDITIONAL COLD MIX TO PROVIDE A SMOOTH RIDING SURFACE
- 3.) THE CONTRACTOR SHALL COMPLETE A PERMANENT PATCH, PER APPROPRIATE DETAIL, WITHIN 14 CALENDAR DAYS OF THE COLD MIX PLACEMENT.
- 4.) WORK DONE AFTER DEC. 1ST. SHALL BE PERMANENTLY PATCHED BY MAY 15TH OF THE FOLLOWING YEAR.
- 5.) ALL MATERIAL SHALL MEET CURRENT I.D.O.T. STANDARD SPECIFICATIONS.

REVISIONS

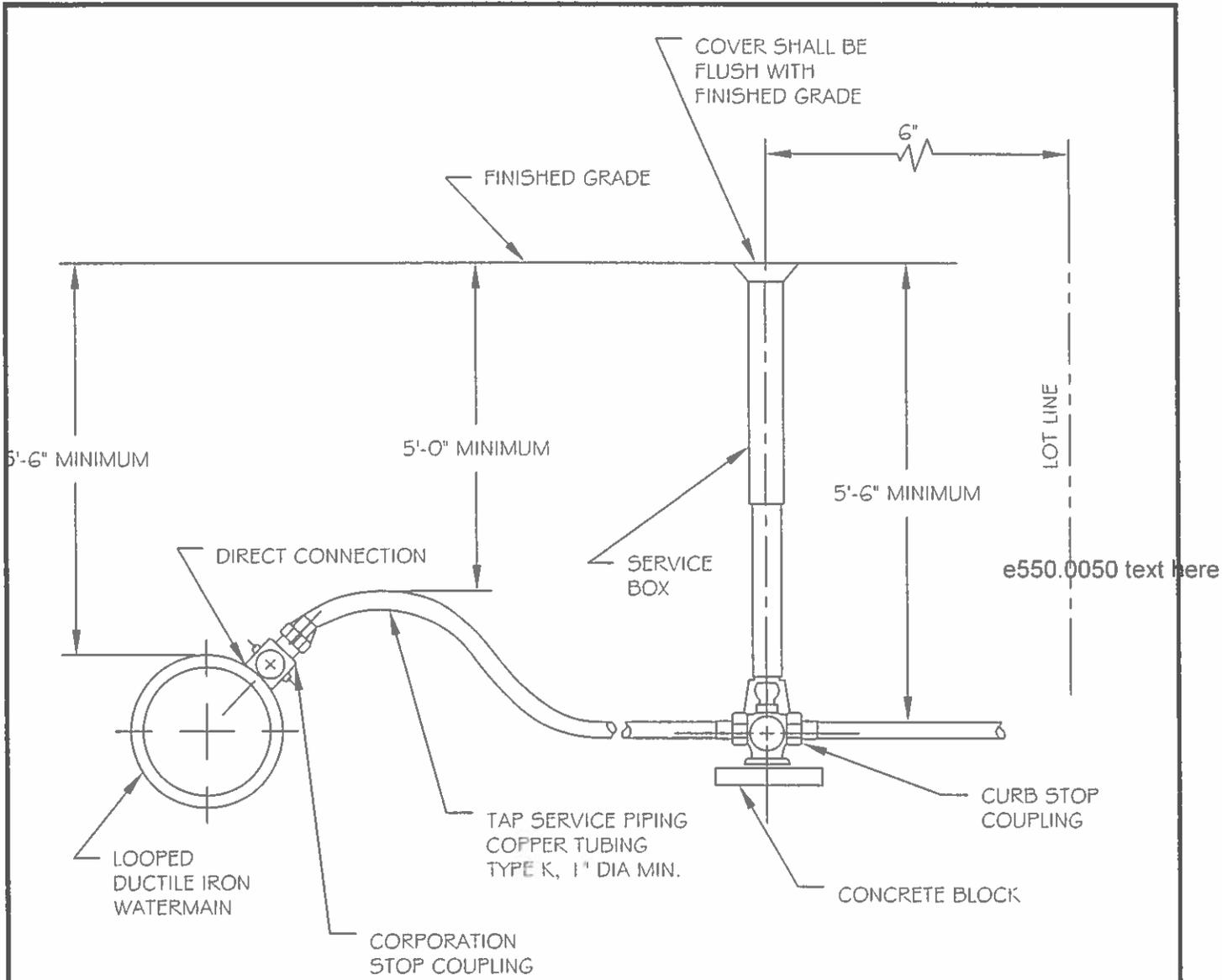
DATE: 10-26-11	BY: D. GOEVEY
11-21-14	J. JERRARD

TEMPORARY PATCH DETAIL

SCALE: NOT TO SCALE	CHECKED: DF
DATE: 1/04	DRAWN: NMI

DRAWING NUMBER:
EXHIBIT 11-C-1

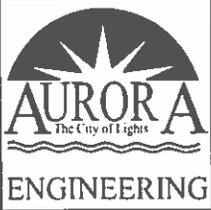




REFER TO THE STANDARD SPECIFICATIONS FOR IMPROVEMENTS FOR CORPORATION COUPLING, SERVICE BOX, CURB BOX, AND PIPE MATERIAL, TYPE, MANUFACTURE, AND SIZES.

NOTES:

1. WHEN WATERMAIN IS LOCATED WITHIN AN EASEMENT RATHER THAN THE PUBLIC RIGHT-OF-WAY, THE B-BOXES MUST ALSO BE LOCATED WITHIN THE EASEMENT.



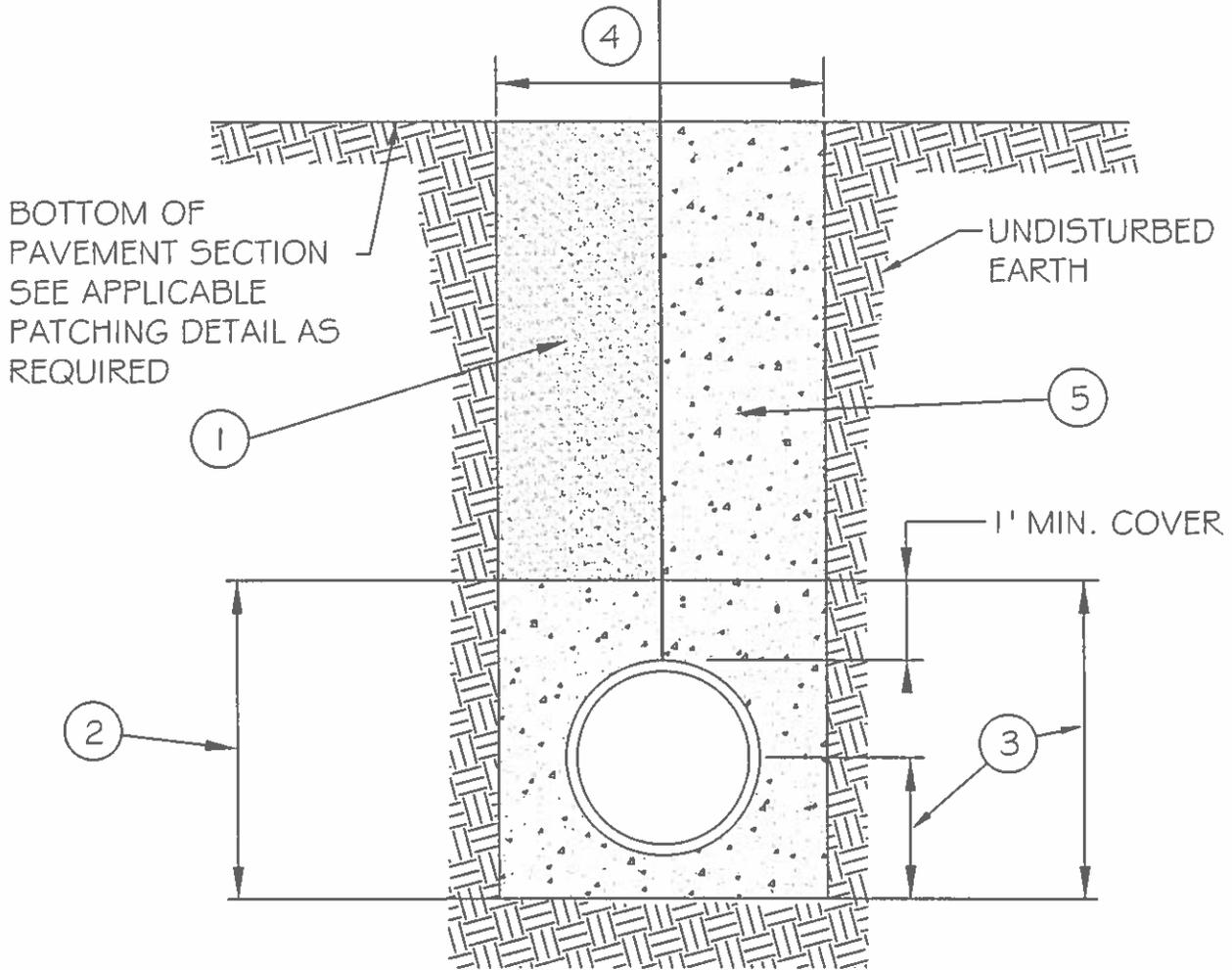
REVISIONS	
DATE: 08-21-08	BY: JLM
01/2011	jhs

TYPICAL WATER SERVICE TAP AND BOX

SCALE NTS	CHECKED: DF	DRAWING NUMBER
DATE: 06/02	DRAWN: NM	EXHIBIT III-C-6

WHEN CLSM IS REQUIRED

STANDARD TRENCH BACKFILL



- ① CONTROLLED LOW-STRENGTH MATERIAL (CLSM) I.D.O.T. APPROVED MIX WHEN REQUIRED BY CITY ENGINEER.
- ② ALL CLSM INSTALLATIONS REQUIRE CA-7 PLACEMENT TO 1' OVER T.O.P.
- ③ RIGID PIPE: CA-7 SHALL BE PLACED FROM 4" BELOW PIPE TO THE SPRING LINE. FLEXIBLE PIPE: CA-7 SHALL BE PLACED FROM 4" BELOW PIPE TO 1' OVER T.O.P.
- ④ MAXIMUM TRENCH WIDTH IN ACCORDANCE WITH SECTION 20-4.05
- ⑤ CA-6 OR APPROVED TRENCH BACKFILL.
FOR NON-PAVED AREAS: SELECT EXCAVATED MATERIAL MAY BE SUBSTITUTED FOR CA-6 AS DIRECTED BY THE ENGINEER.



REVISIONS	
DATE: 01-24-13	BY: DG

WATER TRENCH DETAIL PAVED & UNPAVED		
SCALE: NOT TO SCALE	CHECKED: LA	DRAWING NUMBER EXHIBIT III-A-1
DATE: 1/04	DRAWN: DG	