



**ADDENDUM NO. 1**  
**2025 ROAD MAINTENANCE**  
**CITY OF DICKINSON, ND**

**BID DATE:** Thursday April 10, 2025  
**BID TIME:** 2:00 PM (Mountain Time)  
**LOCATION:** Dickinson City Hall, 38 1<sup>st</sup> Street West, Dickinson, ND 58601

This addendum is written for the purpose of clarification and/or modifications to the Contract Documents. Acknowledgement of Addenda shall be noted on the exterior of the bid envelope and on Page 1 of Section 00300 Bid Form.

The following corrections and/or clarification shall be made to and become part of the project plans and specifications.

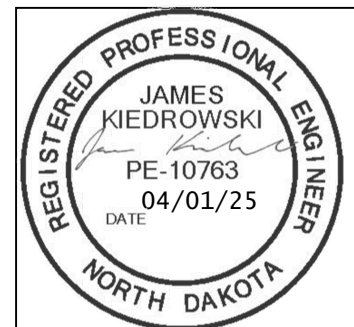
**Specifications**

1. The City of Dickinson Standard Specifications can be found on their website:  
<https://library.municode.com/ND/dickinson/munidocs/munidocs?nodeId=69819ae47e3da>. Applicable sections were listed in the Table of Contents of the bid package.
2. The Bid Opening date is April 10, 2025 at 2:00 PM MST at Dickinson City Hall. The City of Dickinson would like to add the option for a Microsoft Teams meeting for bidders to call into the bid opening. Please arrange with Sylvia Miller at [Sylvia.Miller@dickinsongov.com](mailto:Sylvia.Miller@dickinsongov.com) if you would like to attend virtually.

**Plans**

1. Section 6: Added Bid Items to replace any service lines or watermains that may conflict with new 54" Storm Sewer line. Attached is an updated Bid Form (Section 00300) with the new items included.
2. Sheet 8-1: Updated to reflect updated quantities and new bid items.
3. Section 20: Fixed note numbering and references on Sheet 20-3 and added Sheet 20-14.
4. Sheet 50-1 to 50-3: Adjusted grades on Arch pipe and added pipe quantities for watermain crossing.

James Kiedrowski, PE  
3/31/2025



**END OF ADDENDUM NO. 1**

**SECTION 00300  
BID FORM**

**PROJECT IDENTIFICATION**

202501: 2025 Road Maintenance

**ARTICLE 1 - BID RECIPIENT**

- 1.01 This Bid is submitted to:  
City of Dickinson  
Rita Binstock  
38 1<sup>st</sup> Street W, Dickinson, ND
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

**ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS**

- 2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 30 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

**ARTICLE 3 – BIDDER’S REPRESENTATIONS**

- 3.01 In submitting this Bid, Bidder represents that:

- A. Bidder has examined and carefully studied the Bidding Documents, other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged:

Addendum No.

Addendum Date

_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) that have been identified in SC-4.02 as containing reliable "technical data," and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in SC-4.06 as containing reliable "technical data."
- E. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and

performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder's safety precautions and programs.

- F. Based on the information and observations referred to in Paragraph 3.01.E above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

#### **ARTICLE 4 – BIDDER'S CERTIFICATION**

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
  - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
  - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
  - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
  - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

## Article 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

### BASE BID

Item No.	Description	Unit	Estimated Quantity	Bid Unit Cost	Bid Price
1.	MOBILIZATION & CONTRACT BOND	LS	1		
2.	REMOVAL OF CURB & GUTTER	LF	16,166		
3.	REMOVAL OF CONCRETE	SY	4,167		
4.	REMOVAL OF BITUMINOUS SURFACING	SY	8,826		
5.	REMOVAL OF BITUMINOUS SURFACING – CITY PATCH	SY	370		
6.	REMOVE MANHOLE	EA	9		
7.	REMOVE INLET	EA	6		
8.	REMOVAL OF ALL PIPE – ALL SIZES	LF	1,588		
9.	REMOVE FENCE	LF	32		
10.	IMPORT TOPSOIL	CY	55		
11.	CONNECT EX STORM SEWER PIPES TO NEW MANHOLE	EA	10		
12.	CAP EXISTING PIPE	EA	1		
13.	96" STORM SEWER MANHOLE	EA	4		
14.	120" STORM SEWER MANHOLE	EA	6		
15.	STORM SEWER INLET TYPE 2 SINGLE	EA	3		
16.	STORM SEWER INLET TYPE 2 DOUBLE	EA	2		
17.	STORM SEWER INLET TYPE 2 TRIPLE	EA	1		
18.	24" STORM SEWER RCP	LF	189		
19.	54" STORM SEWER RCP	LF	1,216		
20.	65"x45" ARCH STORM SEWER RCP	EA	366		
21.	4" INSULATION BOARD	SF	1,280		
22.	GENERAL FILL – TYPE 1	CY	650		
23.	SUBGRADE PREPARATION	SY	1,876		
24.	GEOSYNTHETIC MATERIAL TYPE R1	SY	11,115		
25.	GEOSYNTHETIC MATERIAL TYPE R1 – CITY PATCH	SY	400		
26.	GEOSYNTHETIC MATERIAL TYPE G	SY	10,345		
27.	GEOSYNTHETIC MATERIAL TYPE G – CITY PATCH	SY	370		

Section 00300

202501: 2025 ROAD MAINTENANCE

KLJ NO. 2404-00273

Item No.	Description	Unit	Estimated Quantity	Bid Unit Cost	Bid Price
28.	AGGREGATE BASE COURSE – CL 5	CY	1,799		
29.	AGGREGATE BASE COURSE – CL 5 – CITY PATCH	CY	60		
30.	CURB & GUTTER	LF	16,834		
31.	CONCRETE SIDEWALK	SY	4,614		
32.	CONCRETE DRIVEWAY 6IN	SY	887		
33.	CONCRETE VALLEY GUTTER	SY	684		
34.	DETECTABLE WARNING PANEL	SF	730		
35.	SIDEWALK - TRENCH DRAIN	EA	1		
36.	MILLING PAVEMENT SURFACE	SY	43,531		
37.	ADJUST INLET	EA	22		
38.	ADJUST MANHOLE	EA	62		
39.	ADJUST GATE VALVE BOX	EA	55		
40.	MANHOLE I&I BARRIER	EA	12		
41.	ASPHALT PAVEMENT	TON	6,353		
42.	ASPHALT REPAIR	TON	1,877		
43.	ASPHALT REPAIR – CITY PATCH	TON	80		
44.	AGGREGATE SURFACE COURSE – CL 13	CY	75		
45.	RANDOM PCC CRACK ROUTE & SEAL	LF	4,260		
46.	SPALL REPAIR – 1/2" MAX DEPTH	SF	100		
47.	FLAGGING	MH	800		
48.	TRAFFIC CONTROL	LS	1		
49.	WATER SERVICE CROSSING	EA	3		
50.	SANITARY SEWER SERVICE CROSSING	EA	3		
51.	REGRADE SEWER SERVICE	LF	90		
52.	6" PVC C-900 DR-18 WATERMAIN	LF	48		
<b>TOTAL OF ALL BID PRICES – BASE BID</b>					

Unit Prices have been computed in accordance with Paragraph 11.03.B of the General Conditions.

Bidder acknowledges that estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents.

Section 00300

202501: 2025 ROAD MAINTENANCE

KLJ NO. 2404-00273

**ARTICLE 6 – TIME OF COMPLETION**

- 6.01 Bidder agrees that the Work will be substantially completed by October 10, 2025 and completed and ready for final payment by October 31, 2025.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

**ARTICLE 7 – ATTACHMENTS TO THIS BID**

- 7.01 The following documents are submitted with and made a condition of this Bid:
- A. Required Bid security in the form of 5% Bid Bond (in separate envelope);
  - B. Copy of contractor’s license or certificate of renewal (in separate envelope);

**ARTICLE 8 – DEFINED TERMS**

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

**ARTICLE 9 – BID SUBMITTAL**

- 9.01 This Bid is submitted by:

Bidder's Business Address

\_\_\_\_\_

Phone No. \_\_\_\_\_

\_\_\_\_\_

Fax No. \_\_\_\_\_

\_\_\_\_\_

Email \_\_\_\_\_

SUBMITTED ON \_\_\_\_\_, 20\_\_\_\_\_.

State Contractor License No. \_\_\_\_\_.

If the Bidder is:

An Individual

Name (Typed or Printed): \_\_\_\_\_

By: \_\_\_\_\_  
(Individual’s Signature)

Doing Business as: \_\_\_\_\_

A Partnership

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

By: \_\_\_\_\_  
(Signature of general partner -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

A Corporation

Corporation Name: \_\_\_\_\_ (SEAL)

State of Incorporation: \_\_\_\_\_

Type (General Business, Professional, Service, Limited Liability): \_\_\_\_\_

By: \_\_\_\_\_  
(Signature -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_  
(CORPORATE SEAL)

Attest \_\_\_\_\_

Date of Qualification to do business in [State where Project is located] is \_\_\_\_/\_\_\_\_/\_\_\_\_.

A Joint Venture

Name of Joint Venture: \_\_\_\_\_

First Joint Venturer Name: \_\_\_\_\_ (SEAL)

By: \_\_\_\_\_  
(Signature of first joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

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

Second Joint Venturer Name: \_\_\_\_\_ (SEAL)

By: \_\_\_\_\_  
(Signature of second joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

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

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

DIVISION 01 - GENERAL REQUIREMENTS

**Construction Limitations:** The Contractor shall perform work only between the hours of 7:00 a.m. to 8:00 p.m. Monday through Friday, and 8:00 a.m. to 8:00 p.m. on the weekend. No work will be allowed on Sundays or Holidays unless authorized by the Owner and/or Engineer. The Contractor shall work only in the dedicated easements and/or right-of-way.

**Existing Signs:** The City will remove and reset any permanent signs that will be impacted during construction. Provide the City a two-week notice prior to needing the signs moved. The contact for the City is the Public Works Director at (701) 456-7979. The Contractor shall provide temporary STOP signs as needed.

**Existing Sprinkler Systems:** Lawn sprinkler systems are located along the project. Prior to beginning work, the Contractor shall inspect and locate all sprinklers within the work area. If construction will impact the sprinklers, the Contractor shall remove and reset or replace them with a similar type. If any work required to adjust the sprinklers will happen outside the existing right of way, the Contractor shall obtain written permission from the landowner prior to working outside of the right of way. Coordinate with the property owner to verify working condition prior to and after adjustments. All costs connected with this work shall be included in the price bid of other items.

**Existing Mailboxes:** If mailboxes are impacted, the Contractor shall provide temporary mailboxes and/or remove and reset the existing mailboxes as needed. Coordinate the proposed mailbox locations with the residents and the Postal Service. All costs connected with this work shall be included in the price bid of other items.

**Mobilization:** Includes moving all equipment, materials, and personnel to and from project. Also includes all contract bonding involved in the project.

Payment will be made in accordance with the percentage of work completed on date of partial payment estimate. Payment will not be made until 10% of the construction has been completed. The final 10% of the amount for mobilization will be withheld until final payment.

**Water:** If the Contractor uses City supplied water; the City of Dickinson will provide a hydrant connection within the project limits. The City will install a meter to measure the gallons used. A cost of \$19.00 for every thousand gallons used shall be paid directly to the City.

**Haul Road Restrictions:** At the preconstruction conference, it will be determined if the City requires the Contractor to do an inspection of the designated haul road before any work is to begin and before final acceptance of the Project. The City and Engineer representative will be present during both inspections. Should any damage be done to haul road during construction the cost of the repairs will be at the Contractor's expense. All cost for labor and equipment to be included in the cost of other items.

COOPERATION BETWEEN CONTRACTORS:

The Owner reserves the right to Contract for and perform other or additional work on or near the work covered by this Contract.

When separate Contracts are let within or adjacent to the limits of any one Project, the Contractor shall carry out work under this Contract in a way that will minimize interference and delays for all parties involved.

Each Contractor involved shall accept all liability, financial or otherwise, in connection with the Contract and save the Owner harmless from damages or claims resulting from inconvenience, delay, or loss experienced because of the presence and operations of other Contractors working within or adjacent to the limits of the same Project.

The Contractor shall arrange the work and place and dispose of materials being used without interfering with the operations of other Contractors. The work shall be coordinated with the work and sequence of other Contractors.

COORDINATION WITH UTILITIES:

Numerous existing utilities are located within and adjacent to the Project. Approximate locations of existing manholes, valves, hydrants, and inlets are shown on the plans. This is for informational purposes and not to be taken to be all inclusive nor may represent actual conditions. No direct payment for work associated with locating existing utilities will be made nor will Contract Times be adjusted for such work.

It is the Contractor's sole responsibility to field verify location and depth and to identify all existing utilities, public or privately owned, which may conflict with the work, and/or those which may require temporary or permanent relocation. The Contractor shall coordinate with all utilities to have all necessary adjustments or relocation within or adjacent to the limits of construction made as soon as practicable. Within two weeks of Notice to Proceed, the Contractor will schedule a meeting with all affected utility companies or owners to discuss any relocations temporary or permanent, any other conflicts, and means of accommodating, such including schedules. If adjustments or relocation of the existing utility is required, the utility company will take care of it at their own expense. Any and all costs associated with coordination with utilities shall be incidental to the prices bid for other items. The City will provide Contractor with a copy of any franchise agreement upon request. The City is otherwise not responsible for coordinating efforts between the private utilities and the Contractor.

To minimize interference with traffic operations, a detailed schedule shall be agreed upon between the Engineer, utility companies, and the Contractor prior to beginning work.

At points where the Contractor's operations are adjacent to properties of companies including, but not limited to telecommunications, electric, water, sewer and petroleum products, the railroad, or are adjacent to other property, damage to which might result in considerable expense, loss or inconvenience, work shall not commence until the Contractor has made the arrangements necessary to protect these properties. All costs associated with such protections shall be incidental to the prices bid for other items.

Utilities shown on the plans, if any, are for reference purposes only and may not constitute an exhaustive representation of all utilities within the Project limits. The Contractor shall notify the North Dakota One Call System (1.800.795.0555) prior to the beginning and during Project construction.

The Contractor shall cooperate with utility owners in removing and rearranging underground or overhead utility lines or facilities to minimize interruption to service and duplication of work by utility owners.

In the event utility services are interrupted because of accidental breakage, the Contractor shall promptly notify the proper authority and cooperate with them until service has been restored.

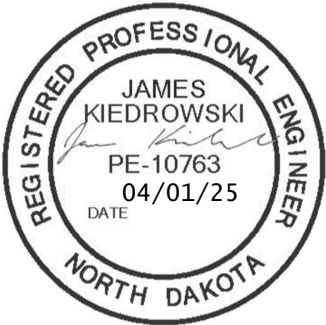
Work undertaken around fire hydrants shall not commence until provisions for continued service have been made and the Contractor has coordinated with the City's Utilities Manager (701) 456-7979.

Damage to utilities caused by the Contractor's operations shall be corrected at the Contractor's expense. Additional compensation or adjustments to Contract Times will not be allowed for delays associated with such corrective work.

Damaged facilities shall be restored to a condition similar or equal to that existing before the damage took place. If the Engineer determines that adjustment or relocation of underground facilities is necessary to accommodate construction, necessary arrangements will be made with the owner if such work is not otherwise provided for in the Contract.

COORDINATION OF DELIVERY SERVICES:

It is the responsibility of the Contractor to execute the Project in such a way that delivery services to adjacent properties, such as Postal, UPS and FedEx delivery, and sanitation services (701.456.7979) are not interrupted. The Contractor is to contact the Dickinson Postmaster (701.225.6702) to coordinate and develop a plan to address uninterrupted mail delivery. If mailboxes are impacted, the Contractor shall provide temporary mailboxes and/or remove and reset the existing mailboxes as needed. Coordinate the proposed mailbox locations with the residents and the Postal Service. Mailboxes shall be placed behind the sidewalk, outside of the path of travel for pedestrians. All costs connected with this work shall be included in the price bid of other items. There may be other regular delivery services for which similar coordination will be required. A written copy of the above plans will be submitted to the Engineer and Owner prior to beginning work which may disrupt such deliveries.





NO.	1	DATE	3/31/2025	REVISION	ADDENDUM #1 - ADD BID ITEMS FOR UTILITY SERVICES
DRAFTED JSK					
REVIEWED AK					
PROJECT NUMBER 2404-00273					
ISSUE DATE 3/18/2025					
2025 ROAD MAINTENANCE CITY OF DICKINSON DICKINSON, NORTH DAKOTA PLAN NOTES					
SHEET 6-1					



NO.	DATE	REVISION	ADDENDUM #1 – ADD BID ITEMS FOR UTILITY SERVICES
1	3/31/2025		

DRAFTED
JSK
REVIEWED
AK
PROJECT NUMBER
2404-00273
ISSUE DATE
3/18/2025

COORDINATION WITH ADJACENT PROPERTY OWNERS:

It is the Contractor’s responsibility to notify the property owners or tenants of approaching work 48 hours prior to start of Work affecting such. At the end of each day full access to all driveways will be restored to the satisfaction of the Engineer. During concrete replacements allow street parking during non-working hours.

It is the Contractor’s responsibility to coordinate with businesses affected by the work, including the accommodation of scheduled and unscheduled shipping and deliveries. The Contractor will provide the Engineer with a written copy of how such will be accomplished.

Coordination with Emergency Services and the City: Prior to interrupting traffic flow or access, including street closures, it is the Contractor’s responsibility to complete the City’s *Street Closure for Construction Application* form found on City website <https://dickinsongov.com>, in compliance with the required lead time prior to taking such action.

It is the responsibility of the Contractor to coordinate with the City or property owners regarding staging areas, including those required for storage of materials and equipment. The Contractor shall obtain written permission for use of staging areas from owners of such areas. Copies shall be given to the Owner and Engineer.

Provide notifications of no parking in the construction area to residents and businesses 48 hours in advance for any closures, access restrictions and/or utility shutoff/disconnects. The notifications shall list the dates and reason for the closures and/or restrictions. Provide a copy of all notifications to the Engineer, If the Contractor neglects to provide adequate notifications, the Engineer may apply a contract price reduction of \$5,000 per day and suspend all work until deficiencies have been corrected. Furnish, install, and maintain temporary “No Parking” signs as needed.

01 4001 – Quality Control: The following are supplementary requirements to this Project’s Contract Documents:

Field sampling and testing must be performed in the presence of the Engineer, unless otherwise approved by the Engineer.

01 5700 – Traffic Regulation for Municipal Construction: The following are supplementary requirements to this Project’s Contract Documents:

The Contractor is responsible for traffic control on this project. The Contractor’s construction operation shall dictate the need for traffic control devices.

A minimum of seven days prior to beginning work, the Contractor will submit a traffic control plan to the Engineer reflecting site specific operations, means, methods and schedule of work. The Engineer will review the plan and coordinate with the City of Dickinson’s Engineering Department. The plan will also include traffic control required for the adjustment of gate valves or manholes, street repair, or other operations which interfere with traffic flow. Approval of the plan does not imply the City or Engineer is taking responsibility for the Contractor’s traffic control plan. The Contractor must fill out the City of Dickinson’s *Street Closure for Construction Application* form at least seven days prior to interfering with traffic flow on any street for construction.

The traffic control devices shall be furnished and installed according to the *Manual on Uniform Traffic Control Devices* (MUTCD) standards to warn of construction activity.

Construction of Storm Sewer will require road closures during installation. Contractor shall notify all property owners and/or residents adjacent to the construction site a minimum of two working days in advance for any closures and/or access restrictions. Contractor shall be responsible for coordinating with owners of parked vehicles, and/or towing (incidental). Contractor to coordinate access with all residences within the work area. Storm Sewer trench shall be back filled to match existing roadway grade. All cost to place, remove additional material and to prepare the disturbed trench areas for paving operations shall be included in the price bid for Storm Sewer Pipe.

Valley gutters at opposite ends of a single block shall not be constructed at the same time to allow access for adjacent landowners.

Complete all curb and gutter, inlet, and valley gutter work prior to milling.

Use flagging and signing to direct traffic through the project for milling and paving operations.

Traffic control using tubular markers, vertical panels, and delineator drums shall be provided to allow two-way traffic unless the Engineer approves the use of flaggers.

At all times open roadways within the project area will be kept free from debris which may be hazardous to

the travelling public. Dust must be controlled to the satisfaction of the Engineer. All costs connected with this work shall be included in the price bid of other items.

Pavement Sweeping: The Contractor shall sweep milled pavement prior to paving and pavements before opening to traffic and for final acceptance. For this sweeping, the Contractor shall furnish and utilize a vacuum type sweeper to control the dust. All costs connected with this work shall be included in the price bid of other items.

DIVISION 02 – EXISTING CONDITIONS

02 3010 – Sub-Surface Conditions:

Contractor shall review and follow all requirements of the Geotechnical Evaluation Report dated November 19, 2024 prepared by Braun Intertec, unless clarified and approved in writing with Braun Intertec and Engineer.

02 4205 – Demolition: The following are supplementary requirements to this Project’s Contract Documents:

The Contractor shall make themselves aware of existing conditions on the project. Any existing fence, driveway aggregate, and landscaping impacted by the improvements shall be salvaged and reinstalled or replaced with materials of similar nature, unless indicated otherwise in the Plans. Topsoil shall be restored. All costs connected with this work shall be included in the price bid of other items.

Removal of Concrete, Removal of Curb & Gutter: Concrete and curb & gutter designated for removal may vary in thickness and shall be saw cut full depth of the existing concrete. There will be no additional compensation for removal of extra thickness. Concrete removal items will include all concrete, aggregate, earth, and debris removed from the designated excavated area. All costs associated with removal of these items including sawing joints, loading, hauling, and proper disposal are included in the price bid for REMOVAL OF CONCRETE or REMOVAL OF CURB & GUTTER. The concrete removed from the project shall be hauled by the Contractor and weighed at the City of Dickinson Baler Building (3389 Energy Drive), then hauled and stockpiled by the Contractor to the City of Dickinson Landfill (3880 Lehigh Road).

DIVISION 31 - EARTHWORK

31 1211 – Site Clearing: The following are supplementary requirements to this Project’s Contract Documents:

Existing Topsoil within Mill & Overlay Areas: The Contractor shall strip off the existing topsoil as needed and stockpile it to be replaced once the construction is completed. The Contractor will then relay and landscape back to original grade as much as possible and prepare topsoil for seeding. Dispose of all excess topsoil that is not needed. All costs connected with this work shall be included in the price bid of the other items.

Existing Trees: The Contractor shall remove/trim and dispose of all trees, roots, and stumps required to place the new concrete and asphalt. Seal all trimmed branches to the satisfaction of the landowner. Coordinate this work with the City Forester. All costs connected with this work shall be included in the price bid of other items. The City is available to trim larger tree branches as needed to maneuver construction equipment. Provide the City a three-week notice to complete the trimming prior to starting work. The contact for the City is the Forester at (701) 456-7979.

31 2316 – Excavation: The following are supplementary requirements to this Project’s Contract Documents:

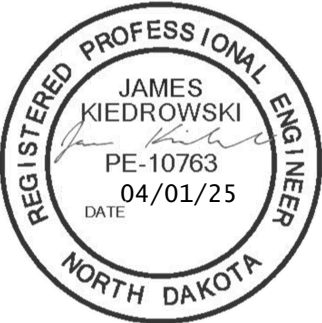
Delete Section 31 2316 4.1 A and insert the following:  
Payment for all labor and equipment required to excavate, remove and dispose of all material required for aggregate placement shall be included in the bid price for AGGREGATE BASE COURSE - CL 5.

31 2200 – Grading: The following are supplementary requirements to this Project’s Contract Documents:

All costs for importing/installing topsoil, seeding and establishing grass in and around the 21<sup>st</sup> Street E Frontage Road shall be included in the bid price for IMPORT TOPSOIL.

31 3280 – Geotextile Fabrics: The following are supplementary requirements to this Project’s Contract Documents:

GEOSYNTHETIC MATERIAL – TYPE G shall be Tensar TriAx TX5 geogrid or approved equal.



DIVISION 32 – Exterior Improvements

**Additional Quantities:** The following additional quantities are included in the Summary of Quantities for use as determined by the Engineer within the project limits as shown in the Scope of Work sheets 4-1 to 4-3. An increase or decrease from plan quantity will not be accepted as a reason to negotiate any pay adjustment under these bid items. The additional quantities may be eliminated at the discretion of the Engineer.

- REMOVAL OF CURB & GUTTER (150 LF)
- REMOVAL OF CONCRETE (250 SY)
- REMOVAL OF BITUMINOUS SURFACING (740 SY)
- GEOSYNTHETIC MATERIAL TYPE R1 (800 SY)
- GEOSYNTHETIC MATERIAL TYPE G (740 SY)
- AGGREGATE BASE COURSE – CL 5 (123 CY)
- CURB & GUTTER (150 LF)
- CONCRETE SIDEWALK (200 SY)
- CONCRETE DRIVEWAY 6IN (50 SY)
- CONCRETE VALLEY GUTTER (40 SY)
- MANHOLE I&I BARRIER (12 EA)
- ASPHALT REPAIR (160 TON)
- RANDOM PCC CRACK ROUTE & SEAL (4,260 LF)
- SPALL REPAIR - 1/2" MAX DEPTH (100 SF)
- WATER SERVICE CROSSING (3 EA)
- SANITARY SEWER SERVICE CROSSING (3 EA)
- REGRADE SEWER SERVICE (90 LF)
- 6" PVC C-900 DR-18 WATERMAIN (48 LF)

**Additional Patching Quantities:** The following additional quantities are included in the Summary of Quantities for use as determined by the Engineer outside the project limits but within the City Limits of Dickinson. Mobilization in and out of these areas will be included in the bid items below. An increase or decrease from plan quantity will not be accepted as a reason to negotiate any pay adjustment under these bid items. The additional quantities may be eliminated at the discretion of the Engineer.

- REMOVAL OF BITUMINOUS SURFACING – CITY PATCH (370 SY)
- GEOSYNTHETIC MATERIAL TYPE R1 – CITY PATCH (400 SY)
- GEOSYNTHETIC MATERIAL TYPE G – CITY PATCH (370 SY)
- AGGREGATE BASE COURSE – CL 5 – CITY PATCH (60 CY)
- ASPHALT REPAIR – CITY PATCH (80 TON)

32 1207 – Aggregate Materials:

Delete Section 3.2.A.1 and insert the following:

In areas where the full width of the roadway is being removed or reconstructed, the subgrade shall be compacted by approved compaction equipment. Approved compaction equipment shall include sheepfoot rollers, pneumatic packers, mechanical packers, mechanical rammers, vibratory equipment, trucks, tractors, scrapers, motor graders, and all other types of equipment used in excavating, transporting, and placing the subgrade. Scarify and recompact a minimum of 12 inches of the subgrade soil as indicated in Section C of the Geotechnical Evaluation Report. Compact finished subgrade and aggregate base as specified in the Geotechnical Evaluation Report.

Delete Section 3.5.E.1 and insert the following:

Compaction control tests shall follow specifications as per Table 5 of the Report of Geotechnical Exploration and Review.

Add the following to the end of Section 4.1:

- E. Include the removal of existing aggregate base and/or subgrade material and excavation required to accommodate the new proposed aggregate base in the price bid for AGGREGATE BASE COURSE – CL 5.

32 1210 – Concrete Paving: The following are supplementary requirements to this Project's Contract Documents:

Include the removal of existing aggregate base and/or subgrade materials and grading required to accommodate the new proposed aggregate base/bedding/controlled density fill beneath the proposed concrete items in the price bid for the corresponding concrete bid items.

Location and Quantity of Concrete Items: Location and extent of proposed replacement of curb and gutter, sidewalk, driveways, and valley gutters shown on the plans is approximate. Locations and quantities shown may be eliminated, expanded or relocated within this area at the Owner and Engineer's direction as noted or shown on the plans or proposal.

After the new curb and gutter or valley gutter has been installed and the forms have been removed, the Contractor shall fill the remaining void between the new curb & gutter or valley gutter and existing asphalt pavement with a Controlled Density Fill (CDF) containing a minimum of 100 pounds cement and 500 pounds fly ash with a minimum 28-day compressive strength of 500 psi. The CDF is a mixture of sand, cement, water and fly ash.

The CDF patch shall be protected until capable of supporting traffic. The CDF patch will then be milled to the depth specified or shown on the plans.

The Contractor shall provide a CDF mix design to the Engineer for review prior to use on the project.

Curb and Gutter: The contractor shall match the existing curb type unless otherwise directed by the Engineer. Install a 3/4" lip, per the driveway details, in mountable curb locations where the entire length of curb and adjacent driveway concrete is being replaced. Cost for matching existing curb is incidental.

Existing inlet castings within the proposed curb ramp replacements may need to be removed and reset with the new curb & gutter. All costs connected with this work shall be included in the price bid of ADJUST INLET. Any of these inlets that are cracked will need to be replaced. Contact the Public Works Director at (701) 456-7979 to obtain new inlet covers if needed.

Existing Curb Stops and Gate Valve Boxes located within the proposed concrete improvements are to be protected during removals, brought to finished grade, and adjusted flush to the proposed concrete. Include all costs for this in the unit price bid for the corresponding concrete bid items.

Where utility boxes are located within the proposed sidewalk, reinforce the surrounding concrete with #4 bars as directed by the Engineer. Include all costs for this in the unit price bid for the corresponding concrete bid items.

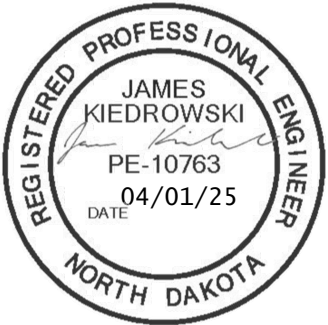
The joint between the curb and sidewalk on all drop curbs (driveways and handicap ramps) shall be sealed from high curb through the drop curb and back up to the high curb. The Contractor shall also seal all joints of concrete valley gutters. This cost shall be included in the price bid for other items of work.

32 1300 – Concrete Repair: The following are supplementary requirements to this Project's Contract Documents:

Sidewalk and Curb & Gutter replacement areas are shown on Section 60 sheets. Engineer to designate certain instances of cracks and spalling within these areas as a Concrete Repair rather than replacement. Engineer will distinctly field mark all such instances as spall repair, crack sealing or replacement, prior to construction. An estimated reduction in concrete replacement quantities from what is depicted in Section 60 is summarized in a table in the Summary of Quantities sheet.

Crack Sealing shall be applied to sidewalk panels with not more than two single, uncontrolled, cracks that have horizontal separation less than 0.5 inches. Crack Sealing shall likewise be applied to curb and gutter panels with not more than four single, uncontrolled cracks of similar separation. A bifurcating crack will count as two cracks.

- Route cracks using mechanical, power-driven routing equipment capable of cutting a reservoir to a depth of 3/4 to 7/8 inches and a width of 1/2 inch.
- Clean the reservoir using an air compressor conforming to NDDOT Section 156.01, "Air Compressor" to thoroughly clean dust, dirt and loose materials so the reservoir is clean and dry at the time sealant is



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applied. If reservoir or crack is left overnight, the reservoir shall be re-cleaned immediately before sealant is applied.

- Fill the reservoir with hot applied joint sealant in conformance with ASTM D5078. Sealant shall be placed within 72 hours of routing. There shall be no signs of moisture on the surface or in the reservoir at the time of placement. Sealant handling, mixing, and application temperature restrictions shall conform to the manufacturer's recommendations. Use a pressure type applicator.

Spall Repair shall be applied to concrete panels experiencing spalling/scaling/popouts on panels without cracks. Panels with spalling or popouts greater than 0.25 inches in depth will be replaced. No vertical face spall repair is allowed. Use polymer modified, cementitious, freeze/thaw resistant, trowel-grade mortar with corrosion inhibitor admixture (minimum 5000 psi compressive strength). Perform patching when ambient air temperatures are greater than 45°F.

- Clean the spall area. Dampen the spall surface and mix the mortar as recommended by the manufacturer.
- Insert spacer material in the joint that will not bond to the mortar to form the faces of the spall patch, if needed. Blend dry concrete sand into the mixture to give repair mortar of trowelable consistency.
- Place and finish the mortar in the spall area. After the repair mortar has cured, remove the inserts. Ensure proper repair mortar curing per manufacturer's installation instructions.

**32 1508 – Milling Pavement Surface:** The following are supplementary requirements to this Project's Contract Documents:

ADJUST MANHOLE and ADJUST GATE VALVE BOX includes the removal and disposal of concrete collar (if exists), and construction of the new concrete collar according to the plans and specifications.

Coordinate milling and paving operations so that no section of milled roadway has public or construction traffic operating on it for more than 7 days. If public or construction traffic operates on the milled surface for more than 7 days, repair the roadway as directed by the Engineer at no additional cost to the City.

The millings obtained from the project shall be hauled by the Contractor and weighed at the Baler Building (3389 Energy Drive), then hauled by the Contractor to the City of Dickinson Landfill (3880 Lehigh Road). Prior to hauling, Contractor to coordinate location with the City. The contact for the City is the Public Works Director at (701) 456-7979.

**32 1509 – Asphaltic Pavement Repair:** The following are supplementary requirements to this Project's Contract Documents:

Delete Section 32 1509 4.1 A and insert the following:  
REMOVAL OF BITUMINOUS SURFACING will be measured by the square yard (SY) and will include all asphalt, aggregate, earth, and debris removed from the designated excavated area to the depth of the top of the proposed aggregate base. Does not include concrete removal.

Delete Section 32 1509 4.1 B and insert the following:  
Aggregate for subgrade repair will be measured by the cubic yard (CY) in place and will include all costs to remove all existing aggregate, earth, and debris required for placement.

Delete Section 32 1509 4.1 D and insert the following:  
Payment for Asphalt Cement shall be included in the bid price for ASPHALT REPAIR.

**32 1513 – Hot Asphaltic Concrete Paving:** The following are supplementary requirements to this Project's Contract Documents:

If the Contractor has a source of recycled asphalt material, they have the option to utilize it in Recycled Asphalt Pavement (RAP) for the project in accordance with the State of North Dakota Department of Transportation (NDDOT) Standard and Supplemental Specifications for Road and Bridge Construction, latest edition. The millings obtained from the project are to remain City of Dickinson's property. The following list summarizes requirements pertinent to using RAP-mixed pavement:

- Hot Asphaltic Concrete Paving must meet requirements of NDDOT Standard Specifications Section 430.03 for RAP - Superpave FAA 43.
- A consistent RAP source must be free of rubber, chips, large chunks, clay/dirt, etc.
- RAP source is to be inspected and approved by the Engineer prior to use.

- The Contractor will supply an asphalt pavement mix that is uniform and homogenous. The Engineer will inspect loads and can reject loads of mix or sections of pavement containing uncoated batches of aggregate or segregated materials per City of Dickinson Standard Specifications 01 4001 3.9 and 32 1513 3.3. If problems with the mix are observed in the field, the Contractor will cease paving operations until corrective actions are taken.
- If the above conditions cannot be met at any point throughout the duration of the Project, the Contractor will cease paving operations until corrective actions are taken. If the Contractor fails to take corrective actions to the reasonable satisfaction of the City, the City retains the right to reject the use of RAP moving forward and the Contractor would need to provide a virgin mix at the original contract price.

Delete Section 32 1513 2.2 A and insert the following:  
Mix Design: Conform to NDDOT Standard Specifications, Section 430.03 C. Mix design shall be Superpave FAA 43.

Add the following to the end of Section 32 1513 3.4 B:  
Ordinary compaction, as specified in Section 430.04 I.3 of the North Dakota Department of Transportation (NDDOT) Standard and Supplemental Specifications for Road and Bridge Construction, latest edition, will be utilized for the Project.

Delete Section 32 1513 4.2 A.3 and insert the following:  
Payment for Asphalt Cement shall be included in the price bid of ASPHALT PAVEMENT.

**32 9360 – Seeding:** The following are supplementary requirements to this Project's Contract Documents:

Delete Section 32 9360 4.2 A-D and insert the following:  
Payment for seeding disturbed areas (with exception to the areas in and around the 21<sup>st</sup> Street E Frontage Road) will be incidental to other concrete items. Payment for seeding disturbed areas in and around the 21<sup>st</sup> Street E Frontage Road shall be included in the bid price for IMPORT TOPSOIL.

**DIVISION 33 – UTILITIES**

**33 0601 – Manholes, Cleanouts and Covers:** The following are supplementary requirements to this Project's Contract Documents:

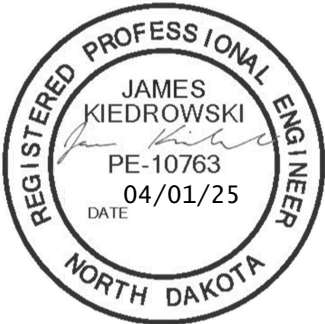
Delete Section 33 0601 2.1 E and insert the following:  
Strike Products – Manole I&I Barrier


Delete Section 33 0601 2.2 D and insert the following:  
Manole I&I Barrier: Equal to product manufactured by Strick Products.

Delete Section 33 0601 3.2 G and insert the following:  
Install Manhole I&I Barrier as recommended by manufacturer. Install barriers on all existing sanitary or storm manholes that have signs of inflow or infiltration around casting, lid or adjustment rings, as directed by engineer.

Delete Section 33 0601 4.2 a and insert the following:  
Payment for each unit shall include excavating, backfilling, grading, subgrade stabilization, manhole section, influent and effluent openings, cast-in-place inverts, two adjusting rings, frame, lid and/or cover and all related accessories. All costs for furnishing and installing an I&I barrier and where necessary shall be included within the unit price bid for MANHOLE I&I BARRIER.

All costs to connect existing storm sewer pipe to a doghouse type manhole shall be paid for per each existing pipe connecting to the proposed manhole. The base for such proposed structures will be separate from the barrel section and will be installed underneath the existing pipe(s). The barrel section will be placed over top of the existing pipe(s). The penetrations in the base shall be fully grouted in order to achieve a watertight connection. All labor, equipment, and material associated with furnishing and installing doghouse type manholes and facilitating connections to existing pipes will be included in the bid price for CONNECT TO EX. STORM PIPES TO NEW MANHOLE.





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**33 1116 – Water Utility System:** The following are supplementary requirements to this Project's Contract Documents:

WATER SERVICE CROSSING: The repair of water service lines interfering with the proposed storm sewer trench shall be paid for per each and shall include all trenching, backfilling, pipe bedding, dewatering, removal and disposal of existing service line, cutting and connecting to existing pipes, furnishing and installing existing pipe to match existing size and material in accordance with City of Dickinson Standard Specifications 33 1116 2.3, furnishing and installing of adaptors for connections to existing pipe, and any other equipment, labor, and/or materials necessary to replace water service lines through the width of the storm sewer trench.

**33 3722 – Sanitary Sewage System:** The following are supplementary requirements to this Project's Contract Documents:

SANITARY SEWER SERVICE CROSSING: The repair of sanitary sewer service lines interfering with the proposed storm sewer trench shall be paid for per each and shall include all trenching, backfilling, pipe bedding, dewatering, removal and disposal of existing service line, cutting and connecting to existing pipes, furnishing and installing PVC SDR 35 pipe matching existing pipe size, furnishing and installing of adaptors for connections to existing pipe with concrete blocks, and any other equipment, labor, and/or materials necessary to replace sanitary service lines through the width of the storm sewer trench. See detail C3.08.

REGRADE SEWER SERVICE includes all cost for furnishing and installing each regraded sanitary sewer service crossings outside of the SANITARY SEWER SERVICE CROSSING trench width. This item shall be paid for a per linear foot basis and shall include all trenching, backfilling, pipe bedding, dewatering, removal and disposal of existing service line, cutting and connecting to existing pipes, furnishing and installing PVC SDR 35 pipe matching existing pipe size, furnishing and installing of adaptors for connections to existing pipe with concrete blocks, and any other equipment, labor, and/or materials necessary to regrade sanitary services interfering with the proposed storm sewer trench.

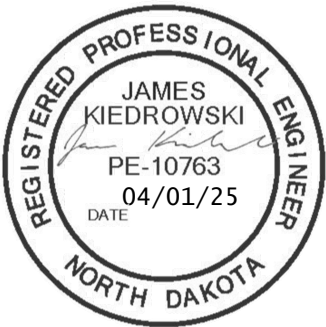


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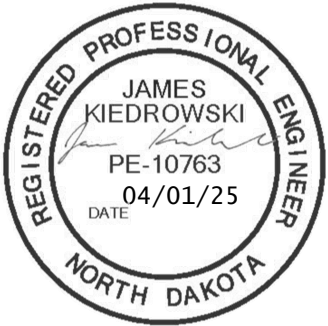


SUMMARY OF QUANTITIES TABLE


Item No.	Description	Unit	Quantity
1	MOBILIZATION & CONTRACT BOND	LS	1
2	REMOVAL OF CURB & GUTTER	LF	16,166
3	REMOVAL OF CONCRETE	SY	4,167
4	REMOVAL OF BITUMINOUS SURFACING	SY	8,826
5	REMOVAL OF BITUMINOUS SURFACING - CITY PATCH	SY	370
6	REMOVE MANHOLE	EA	9
7	REMOVE INLET	EA	6
8	REMOVAL OF PIPE - ALL SIZES	LF	1,588
9	REMOVE FENCE	LF	32
10	IMPORT TOPSOIL	CY	55
11	CONNECT EX STORM SEWER PIPES TO NEW MANHOLE	EA	10
12	PLUG EXISTING PIPE	EA	1
13	96" STORM SEWER MANHOLE	EA	4
14	120" STORM SEWER MANHOLE	EA	6
15	STORM SEWER INLET TYPE 2 SINGLE	EA	3
16	STORM SEWER INLET TYPE 2 DOUBLE	EA	2
17	STORM SEWER INLET TYPE 2 TRIPLE	EA	1
18	24" STORM SEWER RCP	LF	189
19	54" STORM SEWER RCP	LF	1,216
20	65"x40" ARCH STORM SEWER RCP	LF	366
21	4" INSULATION BOARD	SF	1,280
22	GENERAL FILL - TYPE 1	CY	650
23	SUBGRADE PREPARATION	SY	1,876
24	GEOSYNTHETIC MATERIAL TYPE R1	SY	11,115
25	GEOSYNTHETIC MATERIAL TYPE R1 - CITY PATCH	SY	400
26	GEOSYNTHETIC MATERIAL TYPE G	SY	10,345
27	GEOSYNTHETIC MATERIAL TYPE G - CITY PATCH	SY	370
28	AGGREGATE BASE COURSE - CL 5	CY	1,799
29	AGGREGATE BASE COURSE - CL 5 - CITY PATCH	CY	60
30	CURB & GUTTER	LF	16,834
31	CONCRETE SIDEWALK	SY	4,614
32	CONCRETE DRIVEWAY 6IN	SY	887
33	CONCRETE VALLEY GUTTER	SY	684
34	DETECTABLE WARNING PANEL	SF	730
35	SIDEWALK - TRENCH DRAIN	EA	1
36	MILLING PAVEMENT SURFACE	SY	43,531
37	ADJUST INLET	EA	22
38	ADJUST MANHOLE	EA	62
39	ADJUST GATE VALVE BOX	EA	55
40	MANHOLE I&I BARRIER	SF	12
41	ASPHALT PAVEMENT	TON	6,353
42	ASPHALT REPAIR	TON	1,877
43	ASPHALT REPAIR - CITY PATCH	TON	80
44	AGGREGATE SURFACE COURSE - CL 13	CY	75
45	RANDOM PCC CRACK ROUTE & SEAL	LF	4,260
46	SPALL REPAIR - 1/2" MAX DEPTH	SF	100
47	FLAGGING	MH	800
48	TRAFFIC CONTROL	LS	1
49	WATER SERVICE CROSSING	EA	3
50	SANITARY SEWER SERVICE CROSSING	EA	3
51	REGRADE SEWER SERVICE	LF	90
52	6" PVC C-900 DR-18 WATERMAIN	LF	48

SUMMARY OF CONCRETE REPAIR QUANTITY REDUCTION

		TOTAL
REMOVAL OF CURB & GUTTER (LF)	Quantity shown on sheets	17,935
	Reduced Quantity	16,166
REMOVAL OF CONCRETE (SY)	Quantity shown on sheets	5,350
	Reduced Quantity	4,167
CURB & GUTTER (LF)	Quantity shown on sheets	18,603
	Reduced Quantity	16,834
CONCRETE SIDEWALK (SY)	Quantity shown on sheets	5,476
	Reduced Quantity	4,614
CONCRETE DRIVEWAY 6" (SY)	Quantity shown on sheets	1,154
	Reduced Quantity	887



ADDENDUM #1



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2025 ROAD MAINTENANCE

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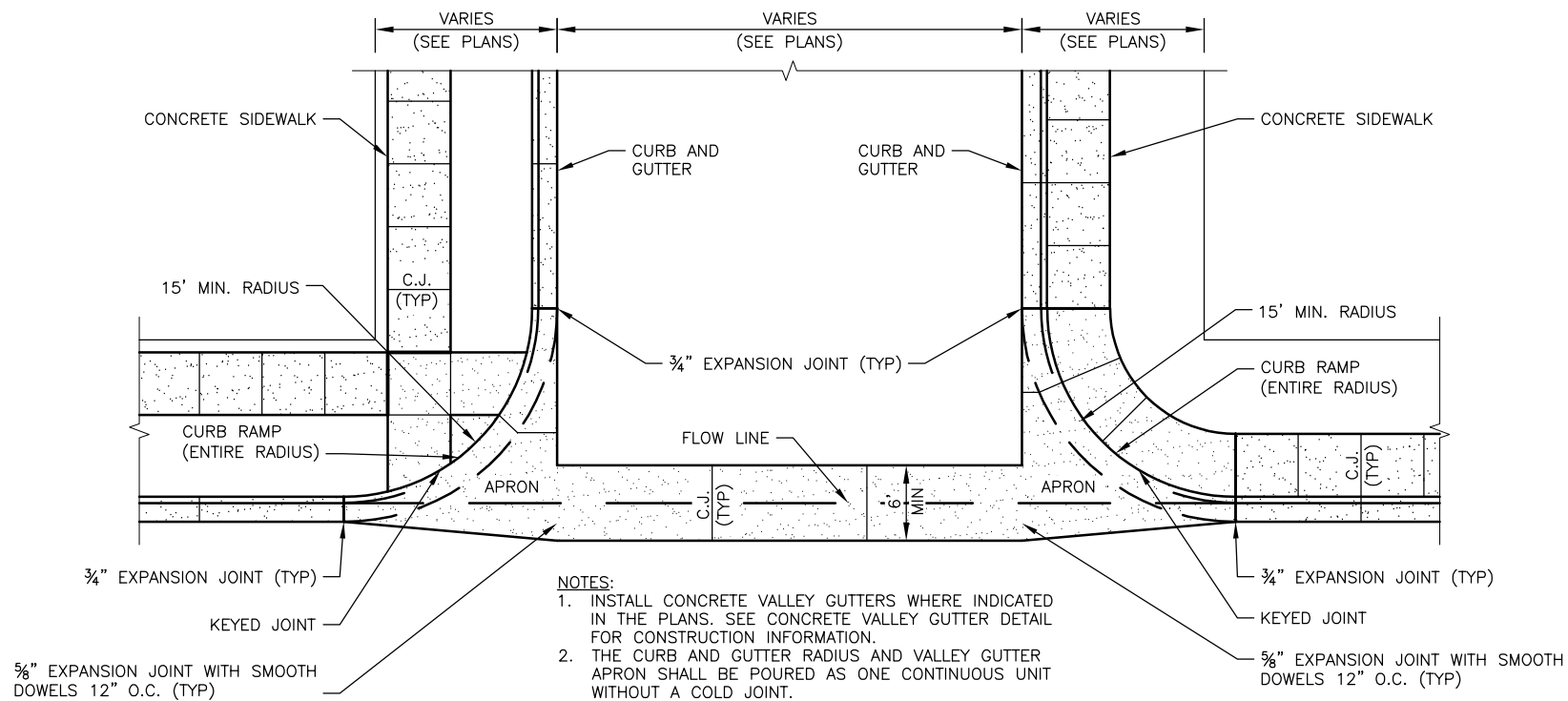
DICKINSON, NORTH DAKOTA

SUMMARY OF QUANTITIES

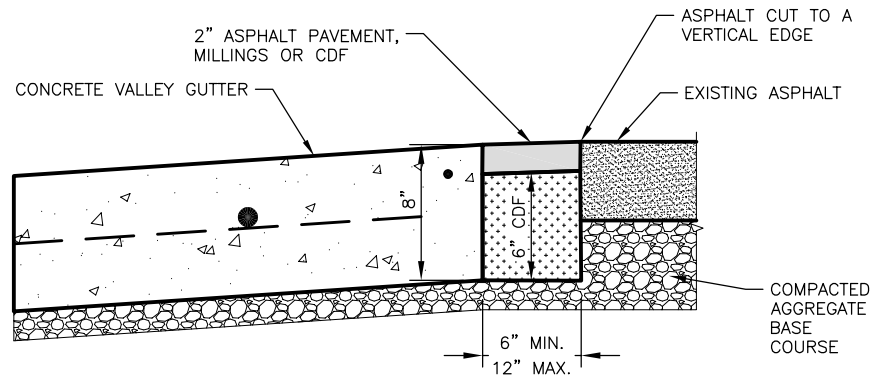
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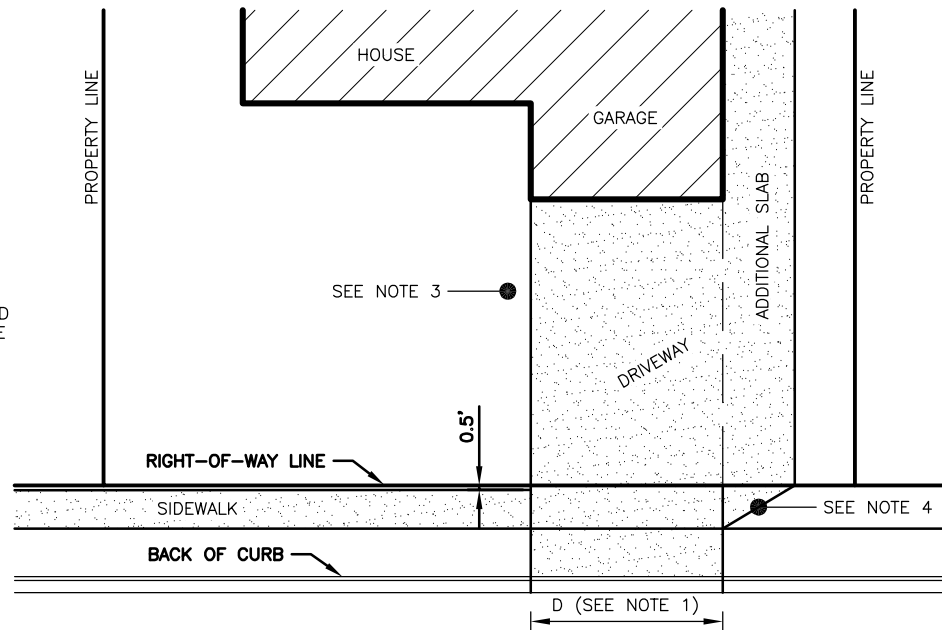


**TYPICAL INTERSECTION**  
K2.34 - NO SCALE



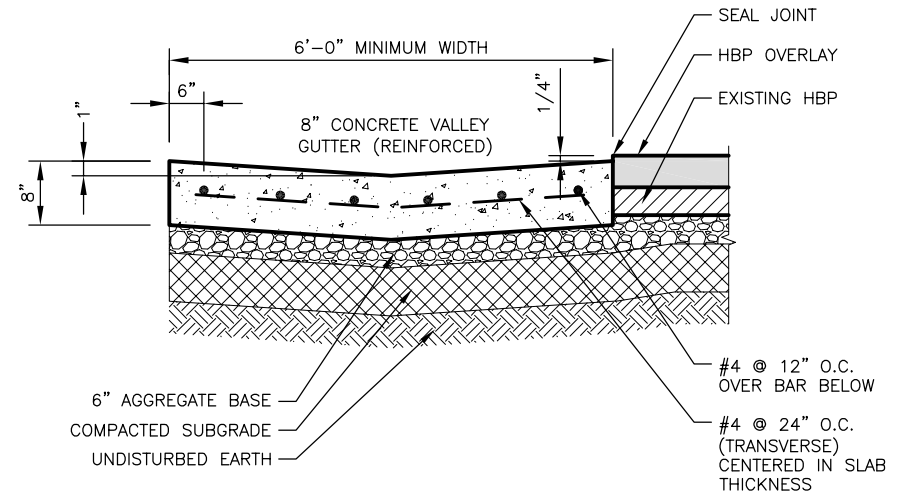
- NOTES:
1. EXISTING PAVEMENT TO BE CUT TO A NEAT VERTICAL EDGE WITH COSTS INCIDENTAL TO THE REMOVAL OF BITUMINOUS SURFACING OR REMOVAL OF CONCRETE.
  2. THE REMOVAL OF THE EXISTING ASPHALT SHALL BE INCIDENTAL TO THE REMOVAL OF CONCRETE.
  3. THE CDF PATCH SHALL BE CAST IN-PLACE TO A DEPTH 2" BELOW THE TOP OF THE EXISTING ASPHALT AND THE NEW VALLEY GUTTER WITH COSTS INCIDENTAL TO THE INSTALLATION OF THE NEW VALLEY GUTTER.

**CDF PATCH ALONG VALLEY GUTTER - OVERLAY**  
K2.33 - NO SCALE



- NOTES:
1. THE MAXIMUM FLAT-BOTTOM WIDTH OF THE DRIVEWAY, D, SHALL BE 40 FEET OR THE WIDTH OF THE GARAGE, WHICHEVER IS LESS. THE MINIMUM WIDTH, D, SHALL BE 22 FEET.
  2. PRE-EXISTING, UNDERSIZED DRIVEWAYS SHALL BE RECONSTRUCTED TO MATCH EXISTING DRIVEWAY WIDTH, BUT MAY ALTERNATIVELY BE WIDENED UPON REQUEST TO 22 FEET, OR WIDTH OF DRIVEWAY, WHICHEVER IS GREATER.
  3. NO ADDITIONAL SLAB ALLOWED ON THE HOUSE-SIDE OF THE GARAGE.
  4. IN CURB-ADJACENT SIDEWALK INSTANCES THE TRANSITION LENGTH ON THE CURB MAY BE EXTENDED FROM THE EDGE OF DRIVEWAY TO THE EDGE OF ADDITIONAL SLAB WITHIN THE RIGHT OF WAY.
  5. ONLY (1) DRIVEWAY SHALL BE APPROVED PER RESIDENTIAL PROPERTY WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY ENGINEER.

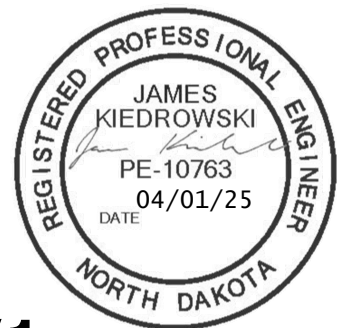
**RESIDENTIAL DRIVEWAY AND SIDE SLAB**  
C2.22 - NO SCALE



VALLEY GUTTER JOINTING		
STREET WIDTH	PAVEMENT WIDTH	JOINT SPACING
37'	34'	8.5'
40'	37'	9.25'
44'	41'	8.2'
48'	45'	9.0'
52'	49'	9.8'

- NOTES:
1. CHAIRS TO BE PLASTIC OR CONCRETE TO HOLD STEEL MAT IN PLACE FOR PROPER DEPTH WITHIN THE VALLEY GUTTER. NO WOOD STAKES ARE ALLOWED.
  2. FOR VALLEY GUTTER ADJACENT TO CONCRETE PAVEMENT, MATCH VALLEY GUTTER AND PAVEMENT JOINTS.
  3. INCLUDE ALL LABOR AND MATERIALS NECESSARY TO PLACE 6" OF AGGREGATE BASE MATERIAL UNDER THE VALLEY GUTTER IN THE UNIT PRICE BID FOR "CONCRETE VALLEY GUTTER".
  4. SEE DETAIL K2.33 FOR CDF PATCHES ALONG VALLEY GUTTERS

**CONCRETE VALLEY GUTTER**  
C2.03 - NO SCALE



**ADDENDUM #1**

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NO.	1
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NO.	DATE	REVISION
1	3/31/2025	ADDENDUM #1 - ADDED DETAILS FOR CROSSINGS AND PLUG

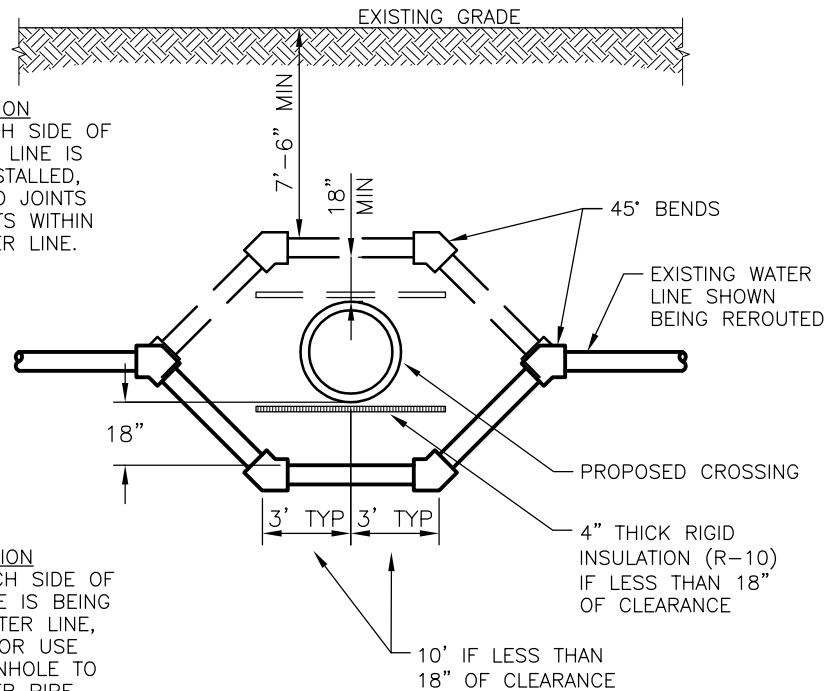
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FOR NEW WATER LINE CONSTRUCTION  
CENTER WATER PIPE 10 FEET EACH SIDE OF  
CROSSING. WHEN EXISTING SEWER LINE IS  
ABOVE THE WATER LINE BEING INSTALLED,  
INSTALL MECHANICALLY RESTRAINED JOINTS  
ON THE WATER PIPE AT ALL JOINTS WITHIN  
10 FEET EACH SIDE OF THE SEWER LINE.



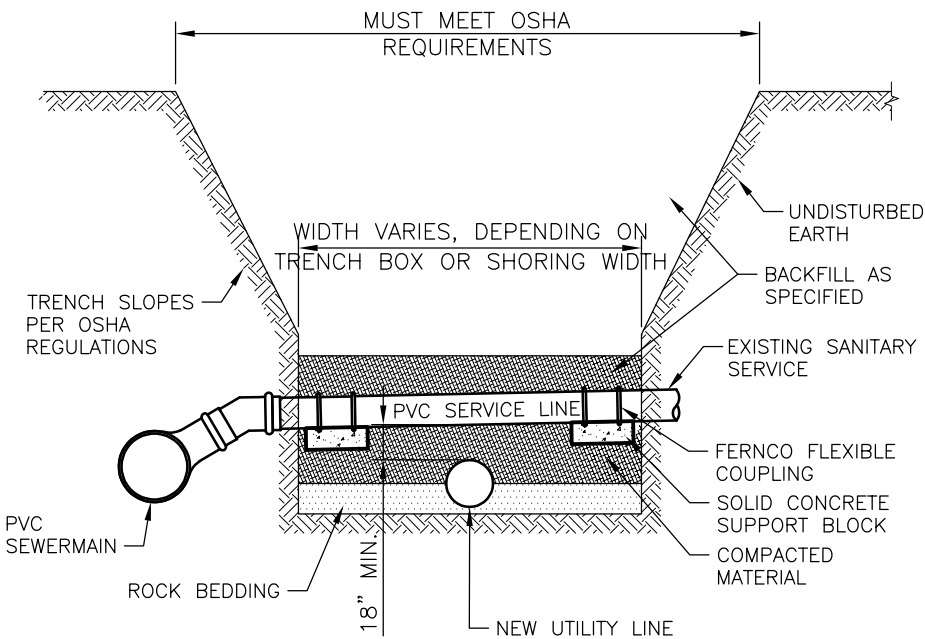
FOR NEW SEWER LINE CONSTRUCTION  
CENTER SEWER PIPE 10 FEET EACH SIDE OF  
CROSSING. WHEN NEW SEWER LINE IS BEING  
INSTALLED ABOVE AN EXISTING WATER LINE,  
SLEEVE SDR-35 OR EQUAL PIPE OR USE  
C-900 OR EQUAL PIPE FROM MANHOLE TO  
MANHOLE AND RESTRAIN ALL WATER PIPE  
CONNECTIONS WITHIN 10 FEET EACH SIDE  
OF SEWER LINE.

### WATERMAIN & WATER SERVICE GRADE CHANGE AT CROSSINGS

K5.08 - NO SCALE

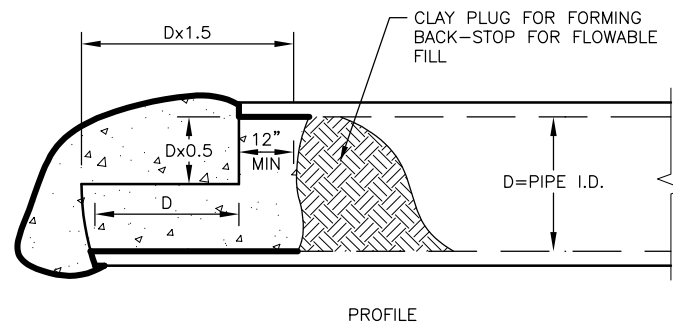
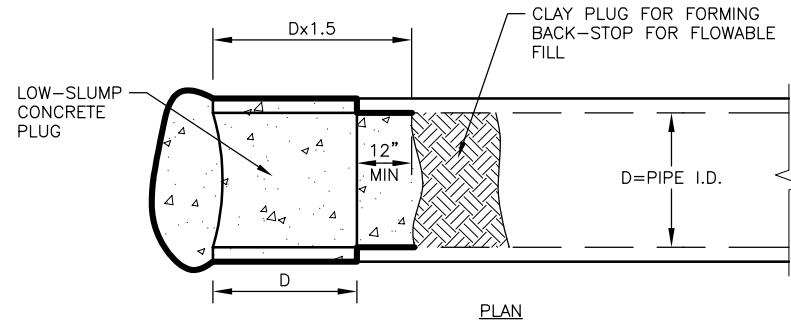
#### NOTES:

- "WATER" INCLUDES WATERMAINS AND SERVICE LATERALS.
- "SEWER" INCLUDES SANITARY SEWER, STORM SEWER AND RECLAIMED WATERMAINS AND LATERALS.
- PROVIDE 18 INCHES MINIMUM OF VERTICAL SEPARATION BETWEEN WATER AND SEWER LINES. WHEN SEPARATION CANNOT BE OBTAINED AND IN CASES WHERE WATER LINES MUST BE ROUTED UNDER EXISTING SEWER LINES, LOWER WATER LINE AS SHOWN ON THIS DETAIL.
- IF WATER LINE IS 18 INCHES OR GREATER ABOVE THE SEWER LINE, NO SPECIAL CONSTRUCTION IS REQUIRED.
- RESTRAINT JOINTS REQUIRED ON ALL FITTINGS.
- BOTH WATER LINE AND SEWER LINE SHALL HAVE ONE (1) FULL PIPE LENGTH AT INTERSECTION OF CROSSING.
- FOR PURPOSES OF SEPARATIONS AND PROTECTION OF THE WATER SUPPLY, A RECLAIMED WATER LINE SHALL BE CONSIDERED A SEWER LINE. NO CONCRETE SHALL BE PLACED ON RECLAIMED WATER PIPE JOINTS.
- 22.5' BENDS MAY BE USED IN LIEU OF 45' BENDS.
- PAYMENT FOR GRADE CHANGE CROSSINGS, INCLUDING FITTINGS, WILL BE INCLUDED IN THE BID PRICE FOR PVC WATERMAIN.
- WHERE 18" CLEARANCE CANNOT BE ACHIEVED, CONTRACTOR TO USE FLOWABLE FILL IN PLACE OF BACKFILL IN ACCORDANCE WITH CITY SPEC 31 2316.13 3.5E. THE PRICE OF THIS WORK SHALL BE INCLUDED WITHIN THE COST OF THE STORM SEWER PIPE ON THE BID FORM.



### SANITARY SEWER SERVICE LINE REPAIR

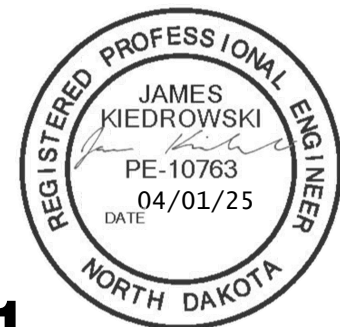
C3.08 - NO SCALE



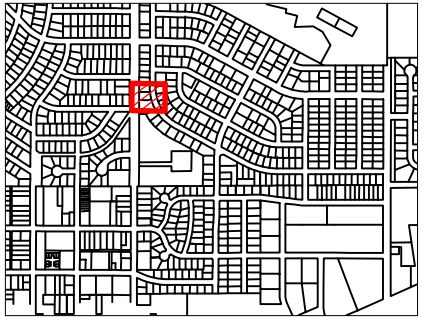
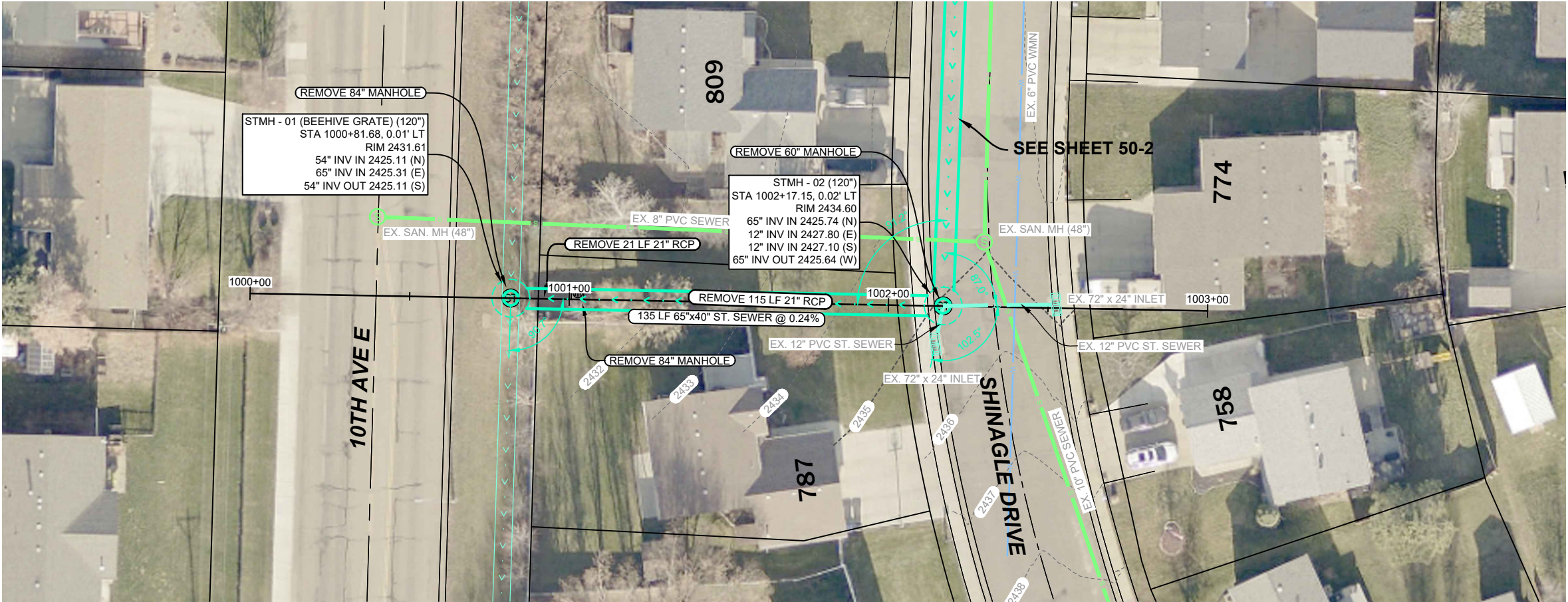
### PLUG EXISTING PIPE

K4.10 - NO SCALE

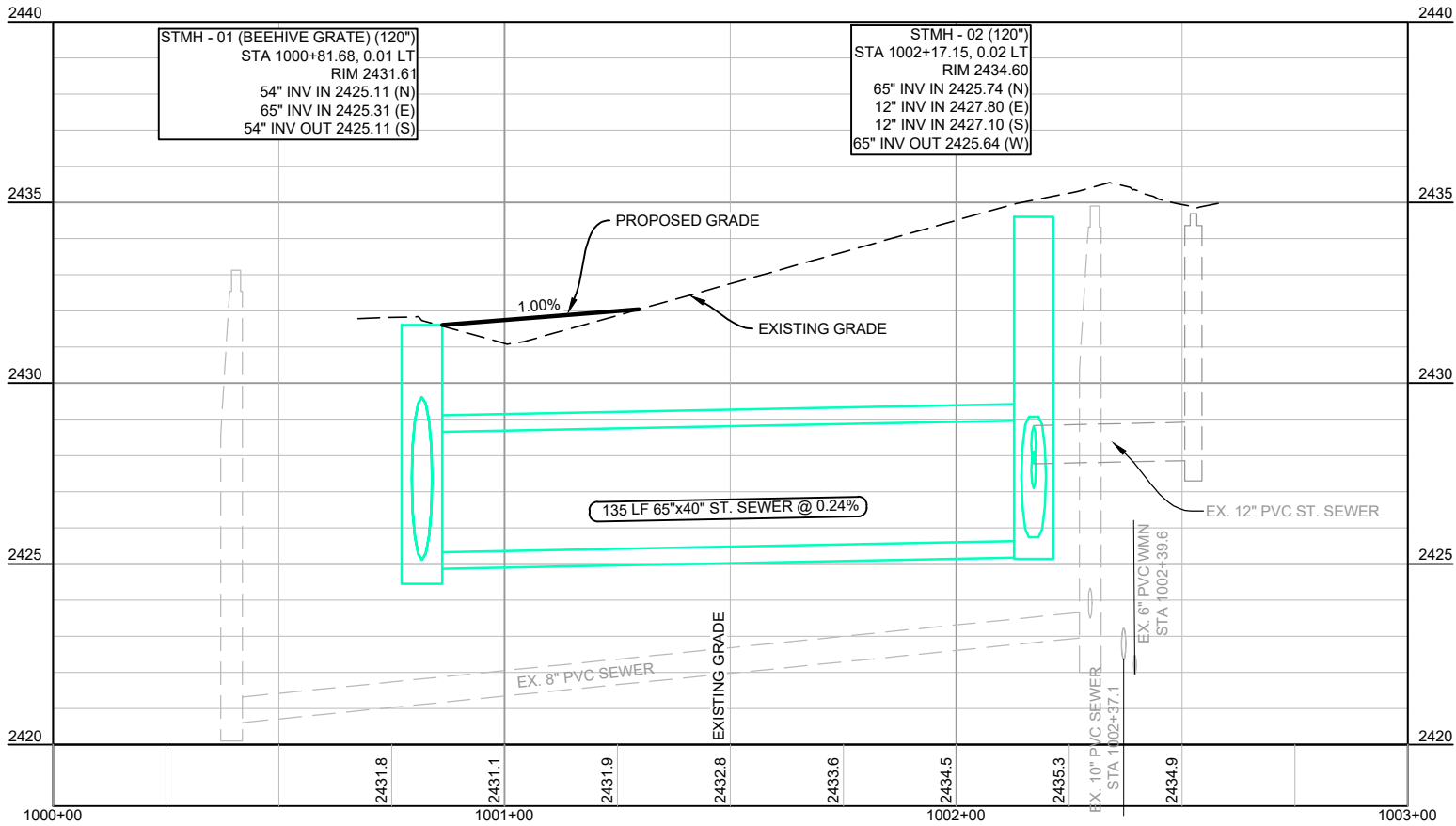
ADDENDUM #1



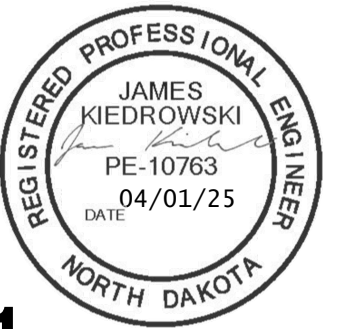
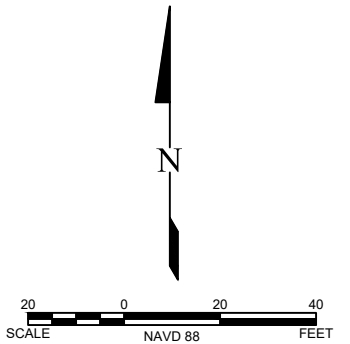




QUANTITIES THIS SHEET	
REMOVE MANHOLE	3 EA
REMOVAL OF PIPES - ALL SIZES	136 LF
120" MANHOLE	2 EA
65"x40" ARCH STORM SEWER PIPE	135 LF
CONNECT EX. STORM PIPES TO NEW MH	4 EA



- NOTE(S):
1. WATERMAIN AND SANITARY SEWER PIPE INVERTS ARE APPROXIMATE ONLY; CONTRACTOR TO FIELD VERIFY.
  2. MANHOLES WITHOUT ANGLE DIMENSIONS HAVE CONNECTING PIPES AT EITHER 90° OR 180°.

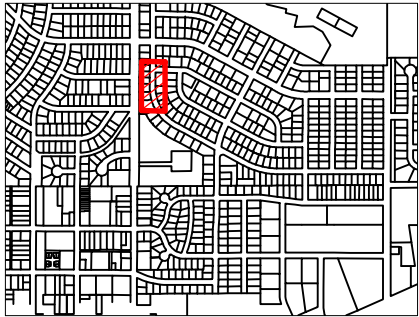
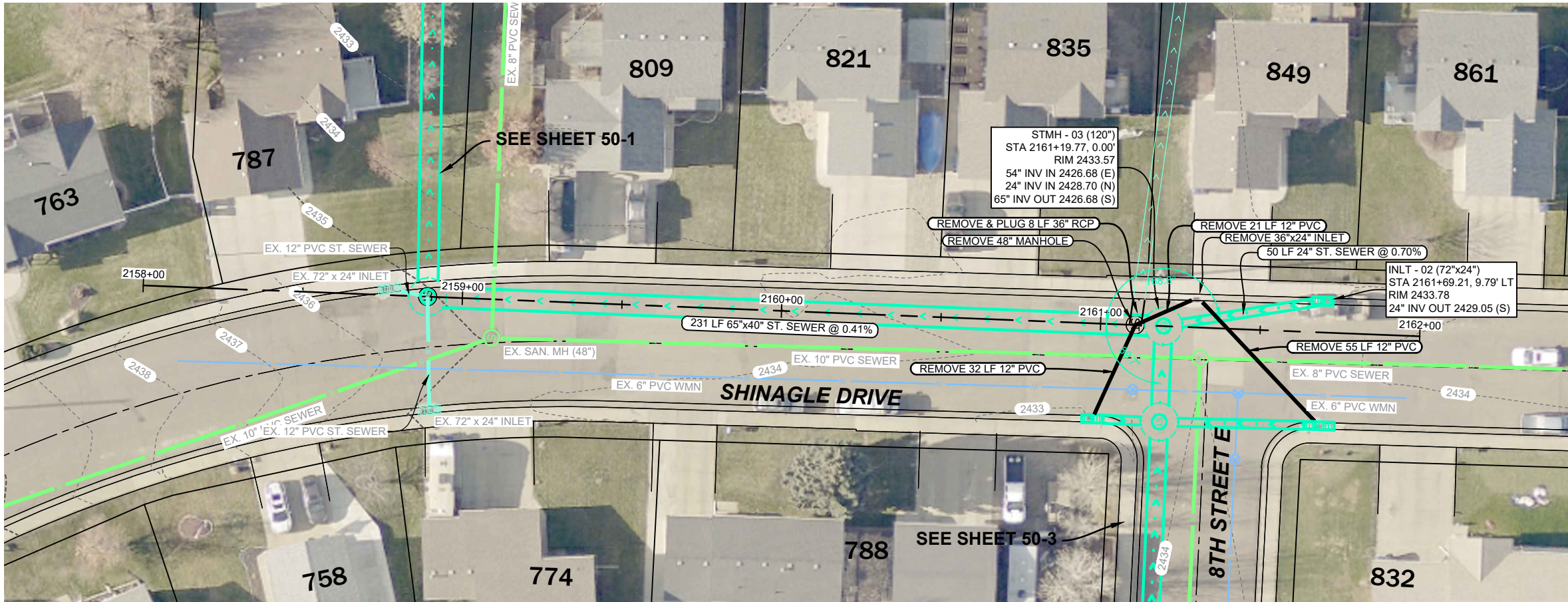


## ADDENDUM #1

**2025 ROAD MAINTENANCE**  
CITY OF DICKINSON  
DICKINSON, NORTH DAKOTA  
**STORM SEWER PLAN & PROFILE - DRAINAGE EASEMENT**

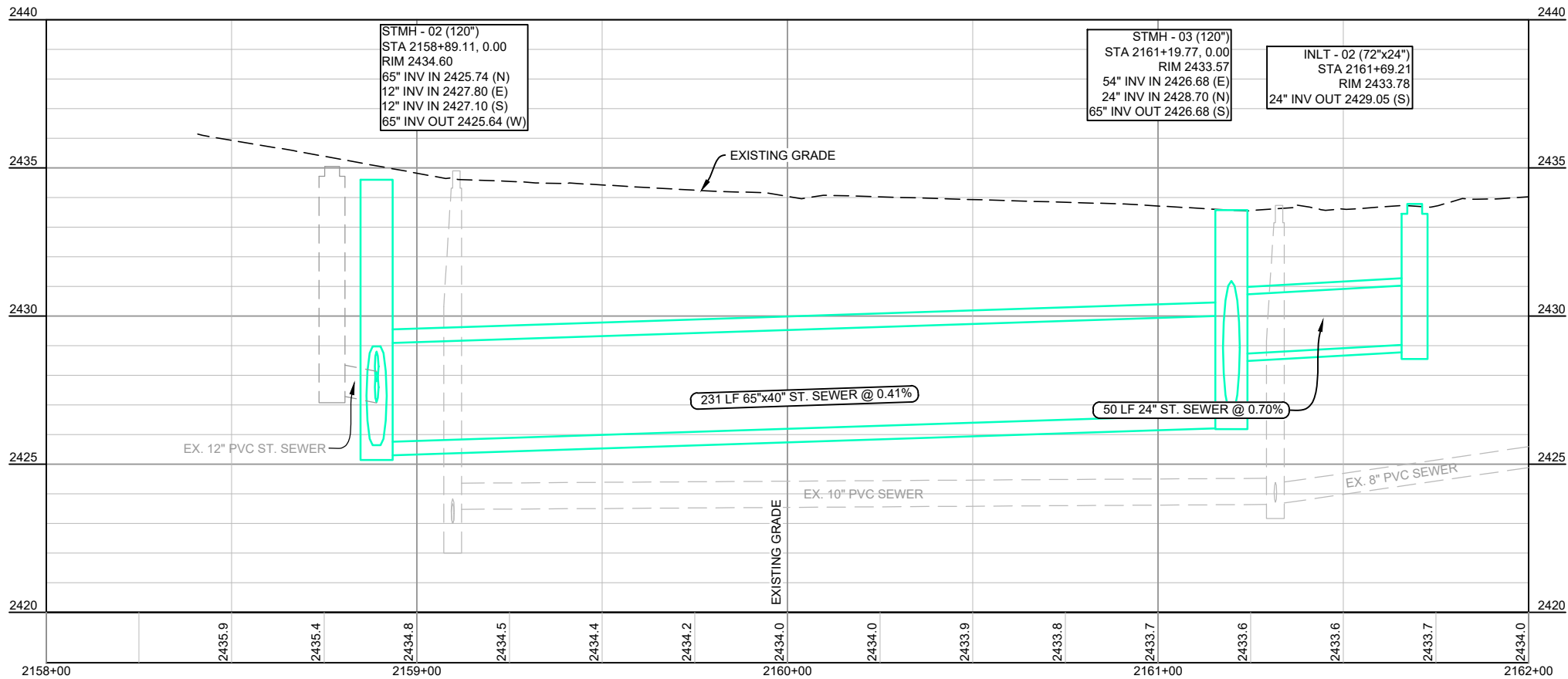
SHEET  
**50-1**





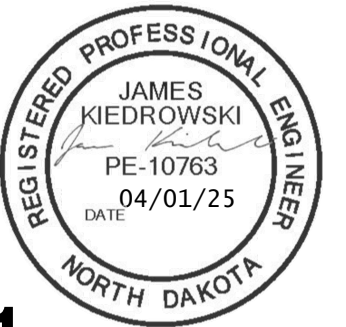
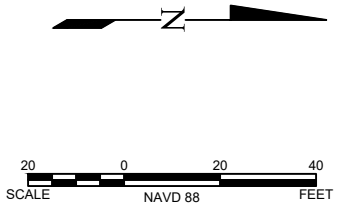
QUANTITIES THIS SHEET

REMOVE MANHOLE	1 EA
REMOVE INLET	1 EA
REMOVAL OF PIPES - ALL SIZES	116 LF
120\" MANHOLE	1 EA
72\"x24\" INLET	1 EA
24\" STORM SEWER PIPE	50 LF
65\"x40\" STORM SEWER PIPE	231 LF
PLUG EXISTING PIPE	1 EA



NOTE(S):

1. WATERMAIN AND SANITARY SEWER PIPE INVERTS ARE APPROXIMATE ONLY; CONTRACTOR TO FIELD VERIFY.
2. MANHOLES WITHOUT ANGLE DIMENSIONS HAVE CONNECTING PIPES AT EITHER 90° OR 180°.



ADDENDUM #1

REVISION	NO.	DATE	ADDENDUM #1 - ADJUSTED STORM MAIN GRADE
	1	3/31/2025	

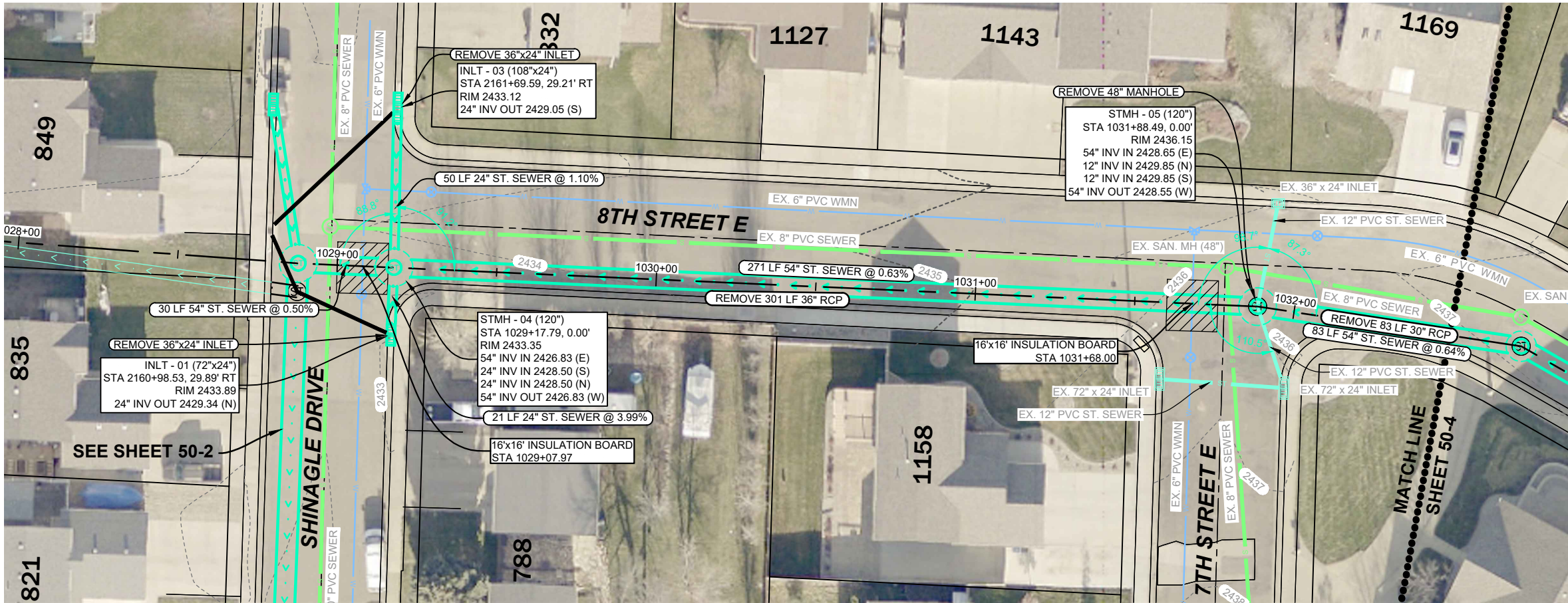
DRAFTED	KRK
REVIEWED	JSK
PROJECT NUMBER	2404-00273
ISSUE DATE	3/18/2025

2025 ROAD MAINTENANCE  
CITY OF DICKINSON  
DICKINSON, NORTH DAKOTA

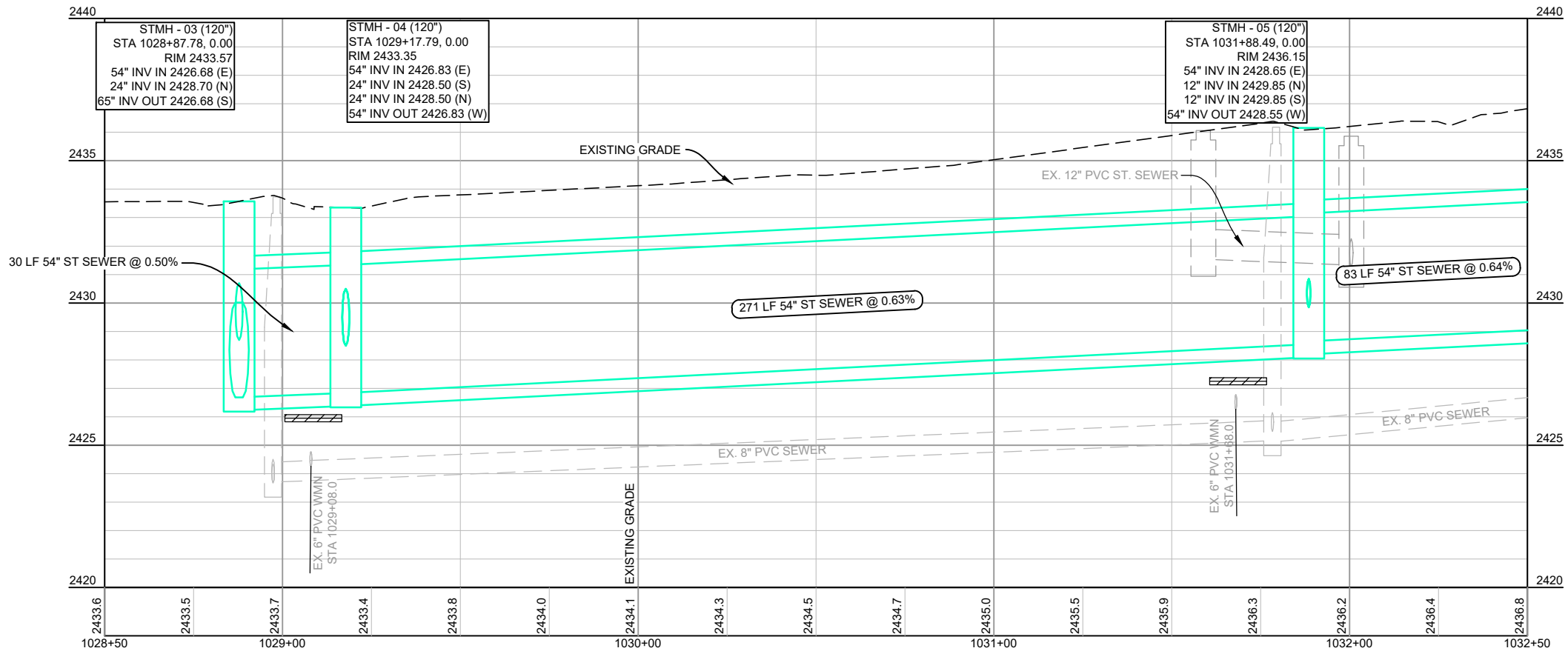
STORM SEWER PLAN & PROFILE - SHINAGLE DRIVE

SHEET  
50-2

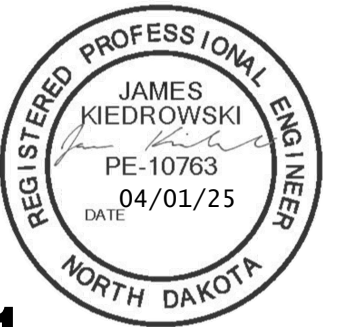
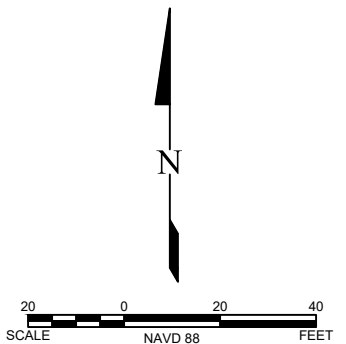




QUANTITIES THIS SHEET	
REMOVE MANHOLE	1 EA
REMOVE INLET	2 EA
REMOVAL OF PIPES - ALL SIZES	384 LF
120\"	2 EA
72\"x24\" INLET	1 EA
108\"x24\" INLET	1 EA
INSULATION BOARD	512 SF
24\" STORM SEWER PIPE	71 LF
54\" STORM SEWER PIPE	384 LF
CONNECT EX. STORM PIPES TO NEW MH	2 EA



- NOTE(S):
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  2. MANHOLES WITHOUT ANGLE DIMENSIONS HAVE CONNECTING PIPES AT EITHER 90° OR 180°.



## ADDENDUM #1

REVISION	NO.	DATE	DESCRIPTION
	1	3/1/2025	ADDITION #1 - ADJUSTED STORM MAIN GRADE

DRAFTED  
KRK

REVIEWED  
JSK

PROJECT NUMBER  
2404-00273

ISSUE DATE  
3/18/2025

2025 ROAD MAINTENANCE  
CITY OF DICKINSON  
DICKINSON, NORTH DAKOTA

STORM SEWER PLAN & PROFILE - 8TH STREET E

SHEET  
50-3