

**CASS COUNTY HIGHWAY DEPARTMENT  
BIDDER'S PROPOSAL  
FOR COUNTY PROJECT NUMBER  
MS1302  
CONCRETE SURFACING AND INCIDENTALS**

West Fargo Maintenance Shop  
in Cass County, North Dakota

**Date of Letting: 10:00 A.M., SEPTEMBER 12, 2013**

Proposal of: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**CASS COUNTY HIGHWAY DEPARTMENT  
COUNTY PROJECT NUMBER MS1302**

**CONCRETE SURFACING AND INCIDENTALS**

West Fargo Maintenance Shop

in Cass County, North Dakota

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of North Dakota.

\_\_\_\_\_/S/\_\_\_\_\_  
Jason P. Benson  
ND Reg. No. 7490

Date: \_\_\_\_\_ 8/26/13 \_\_\_\_\_

GOVERNING SPECIFICATIONS:

STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED BY THE NORTH DAKOTA DEPARTMENT OF TRANSPORTATION, OCTOBER 2008; SHALL APPLY, STANDARD DRAWINGS CURRENTLY IN EFFECT; AND OTHER CONTRACT PROVISIONS SUBMITTED HEREIN.

THIS DOCUMENT WAS ORIGNALLY ISSUED AND SEALED BY JASON P. BENSON, ND REG. NO. 7490 ON 08/26/13 AND THE ORIGINAL DOCUMENT IS STORED AT THE CASS COUNTY HIGHWAY DEPARTMENT, WEST FARGO, ND.

**CASS COUNTY HIGHWAY DEPARTMENT  
COUNTY PROJECT NUMBER MS1302**

**SCOPE OF WORK**

Cass County Highway Department will be adding concrete driving sections to its maintenance facility. The additional concrete sections will be placed on the West with a bid option for the South side of the main maintenance building (see attached plans for locations and areas). These concrete sections are to improve drainage of existing facility. All sections of the concrete are to be 8" reinforced.

County forces will be completing major grading and base work for the project. Some minor reshaping might be needed prior to form setting.

Contractor will be responsible for minor grading, rebar and form placement, replacement of curb, placement of storm sewer, adjustment of existing drainage structures and placement of concrete.

Option in bid package is for additional paving work south of the existing maintenance shop. Contractor to provide price for additional work that would be completed if County exercises option to pave the south section concurrently with the west section, pending funding. Award of project to be based on primary (west) paving section, with option to be awarded after bidding has been completed.

**CASS COUNTY HIGHWAY DEPARTMENT  
COUNTY PROJECT NUMBER MS1302**

**CONCRETE SURFACING AND INCIDENTALS**

**INSTRUCTIONS TO BIDDERS:**

The Cass County Auditor at the Auditor's Office, 211 9th Street South, Fargo, North Dakota, will receive sealed bids until 10:00 a.m. on September 12, 2013. Bids will be opened immediately following the hour set for receiving bids in the Commission Room at the Cass County Courthouse, 211 9th Street South, Fargo, North Dakota.

The plans and proposal may be obtained at the office of the Cass County Engineer, West Fargo, North Dakota, at \$10.00 per set, non-refundable.

All envelopes containing bids must be clearly marked on the outside "BID FOR CONCRETE SURFACING AND INCIDENTALS", and the North Dakota contractor's license number must be shown.

A bidders bond in the amount of 5% of the amount bid, made payable to Cass County shall accompany each bid in a SEPARATE ENVELOPE ATTACHED TO THE OUTSIDE OF THE BID. Certified or Cashiers checks will not be accepted. No bid will be read or considered which does not comply with the bond requirements.

Prequalification is required for all bidders prior to obtaining a bidders proposal. Contractors may be required to submit information detailing their ability to perform the work specific to this project. Cass County shall determine the Prequalification status of each contractor requesting a proposal, and reserves the right to deny bid documents to any contractor based on the County's responsibility determination.

The County reserves the right to reject any or all bids and to waive any irregularities. All bidders must be qualified to bid under the laws of the State of North Dakota in accordance with § 43-07-12 of the N.D.C.C.

**CASS COUNTY HIGHWAY DEPARTMENT  
COUNTY PROJECT NUMBER MS1302**

**CONCRETE SURFACING AND INCIDENTALS**

**INDEX OF PROVISIONS:**

North Dakota Supplemental Specifications

Supplemental Specifications dated March 1, 2013 are not included in this proposal but are available at the county engineer's office, or be downloaded from the NDDOT's website at the following website:

<http://www.dot.nd.gov/dotnet/supplspecs/standardspecs.aspx>

Price Schedule for Miscellaneous Items Dated January 1, 2012 (P.S. 1)

Special Provision 13-1 Contractor License & Contractor Claims

Construction Notes

Details

PRICE SCHEDULE FOR MISCELLANEOUS ITEMS

January 1, 2012

The Contractor agrees to accept the following unit prices for each listed item of work and/or material when no project Contract Unit Price exists for that item. Each price listed will be full compensation for the cost of labor, material, and equipment necessary to provide the item of work and/or material, complete in place, including (but not limited to) royalty, disposal of unsuitable material, equipment rental, sales tax, use tax, overhead, profit, and incidentals.

Payment for items of work under this schedule performed by a Subcontract shall include an additional allowance for the Prime Contractor as specified in Section 104.03 of the Standard Specifications.

Each listed price is referenced to the Standard Specifications by Section number and Section name.

SECTION NO.	SECTION NAME	ITEM NAME	PRICE PER ITEM
107.05 A.1	Maintaining Traffic	Flagging	\$25 per MHR
107.05 B.1	Haul Roads	Water	\$21 per M Gal.
107.05 B.7	Haul Roads	Bituminous Mix	\$28 per Ton**
107.05 B.7	Haul Roads	Bitumen for Mix	Invoice Price* + 10%
107.05 B.7	Haul Roads	Aggregate Base	\$13 per Ton**
203.01 B	Rock Excavation	Rock Excavation	\$8.40 per CY
203.01 C	Shale Excavation	Shale Excavation	Common Excavation Bid Price + \$0.70 per CY
203.01 D	Muck Excavation	Muck Excavation	\$7 per CY
203.02 F	Embankment Construction	Overhaul	\$1.12 per CY - Mile
407.07 B.2.a or 408.07 C.2.a	Hot Bit. Pavement (Excavated Material Hauled to Disposal Area)	Bituminous Mixture	Machine Placed: Bid or Invoice Price + \$20 per Ton Hand Placed: Bid or Invoice Price + \$37 per Ton
420.06	Bituminous Seal Coat	Blotter Sand	\$23 per Ton**
650.04 D.2 Step 3 650.05 D.2 Step 3	Repair & Overlay of PCC Bridge Decks	Low-Slump Concrete	\$335.55 per CY
708	Erosion Control	Mucking Silt Fence	\$3.00 per L.F.
708	Erosion Control	Mucking of Fiber Rolls	\$3.00 per L.F.
708	Erosion Control	Removal of Silt Fence	\$3.50 per L.F.
708	Erosion Control	Removal of Fiber Rolls	\$3.50 per L.F.

\* Price paid for bituminous material will be Invoice Price plus Freight Costs.

\*\* Price includes haul up to 10 miles. Payment for haul exceeding 10 miles will be according to Section 109.04 C of the Standard Specifications. The haul distance for Aggregate Base and Bituminous Mix will be based on the average haul. The haul distance for Blotter Sand will be from the point where the haul begins to the point where it enters the project.

**CASS COUNTY HIGHWAY DEPARTMENT**

**SPECIAL PROVISION 13-1**

January 1, 2013

**SECTION 102.02 CONTRACTOR LICENSE**

Section 102.02 of the Standard Specifications for Road and Bridge Construction, 2008 edition is deleted. All bidders must possess a current North Dakota Contractors License in accordance with § 43-07-12 of the North Dakota Century Code.

**SECTION 104.06 CONTRACTOR CLAIMS**

If the Contractor claims additional compensation for work or material not covered by the Contract, the Contractor is required to prosecute the claim in accordance with Standard Specifications for Road and Bridge Construction, 2008 edition, paragraph 104.06, et seq. The provisions of subparagraph 104.06 D are not applicable to this contract, nor are the provisions of North Dakota Century Code 24-02-06 et seq. as the North Dakota Department of Transportation is not a party to this contract.

References in the Standard Specifications for Road and Bridge Construction, 2008 edition, to the North Dakota Department of Transportation or Department must be construed as referring to the owner. Likewise, a reference by the same works to engineer or director must be construed as referring to the owner of the project.

**CASS COUNTY HIGHWAY DEPARTMENT  
COUNTY PROJECT NUMBER MS1302**

**CONCRETE SURFACING AND INCIDENTALS**

**CONSTRUCTION NOTES**

**GENERAL PROVISIONS:**

Thicknesses shown on the typical sections for surfacing are approximate. It is intended that the plan tonnages provided for by the basis of estimate will be used uniformly throughout the project unless otherwise authorized by the Engineer.

The attention of the bidders is directed to M.S. 298.75 (Aggregate Material Tax), pursuant to the removal of aggregates from any deposit in Clay County, Minnesota.

**CONCRETE SLABS:**

All 8" thick slabs shall be reinforced Class AE concrete. The contractor shall cure the concrete by covering as soon as practicable or by spraying with an approved curing agent. The contractor is responsible for all damage and repairs to the slabs and therefore must erect suitable barriers to protect the work and the public. Driveways must be closed to pedestrian traffic for 24 hrs. and vehicle traffic for a minimum of 7 days.

All costs associated with incidental grading for form placement to be incidental to price bid per square yard of reinforced concrete.

All costs associated with this item shall be incidental to the price bid per square yard of reinforced concrete.

**PVC PIPE:**

Polyvinylchloride (PVC) Storm Sewer Pipe shall conform to Standard Specifications for Rigid Polyvinylchloride Compounds, ASTM D-1784, Class 12454-B or 12454-C or 12364-C. The PVC sewer pipe and fittings shall meet the requirements of ASTM D3034. The joint system shall be an integral bell gasketed joint, which forms a watertight seal. Storm sewer trench backfill shall be constructed in accordance to the plans.

**INLETS:**

Inlets shall be constructed in accordance with the plan drawings. Concrete and reinforcing used in the construction of these inlets shall also meet the requirements or ASTM C-478. Concrete to PVC pipe adapter shall be used to connect PVC pipe to the inlet. PVC manhole adapters shall be GPK products or approved equal and the cost will be incidental to the cost of the PVC pipe.

**CURB AND GUTTER:**

All curb and gutter shall be constructed using Class AE Concrete in accordance with the plan drawings. Where the curb is adjacent to the sidewalk, a 2" ledge will be added as shown in the detail drawing.

**JOINT SEALANT:**

All transverse and longitudinal joints shall be sawed and sealed with hot poured elastic Type 2 Joint Sealant. Costs shall be included in the bid price for PCC.

**REMOVALS:**

The removal of existing curb and gutter to be broken up into 18" or less and to be stockpiled in the Cass County Highway Department Yard, all costs associated with this work to be included in the remove curb and gutter bid item.

**SELECT BACKFILL:**

All costs associated with the placement and compaction of the select backfill material to be included in the select backfill bid item. The material shall meet the class 5 gradation specifications.

**SEWER CLEANOUT INLETS:**

All costs associated with the adjustment of these two inlets to be included in the included in the price bid for 8IN reinforced concrete pavement class AE.

**UTILITIES:**

The Contractor is cautioned that all existing utilities may not be shown. The location of existing utilities is not guaranteed, and the contractor shall be responsible for determining the exact location and protection of the existing utilities.

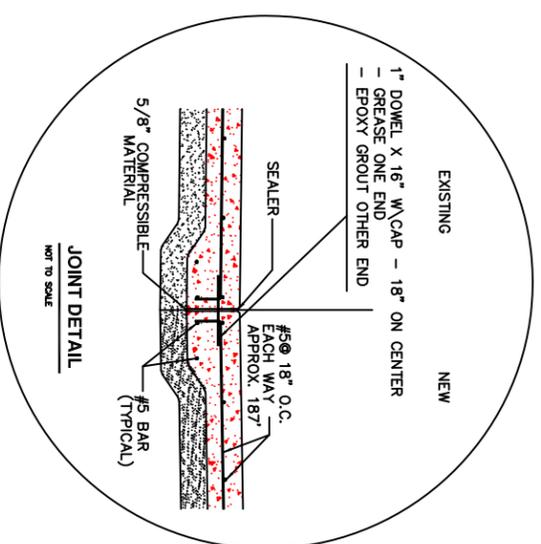
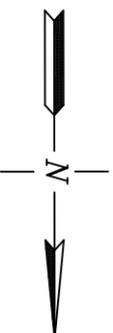
The contractor, before commencing any excavation or construction, shall find out the location and seek aid in locating all public and private utilities

North Dakota One Call

1-800-795-0555

# CONCRETE SURFACING DETAILS

NOT TO SCALE



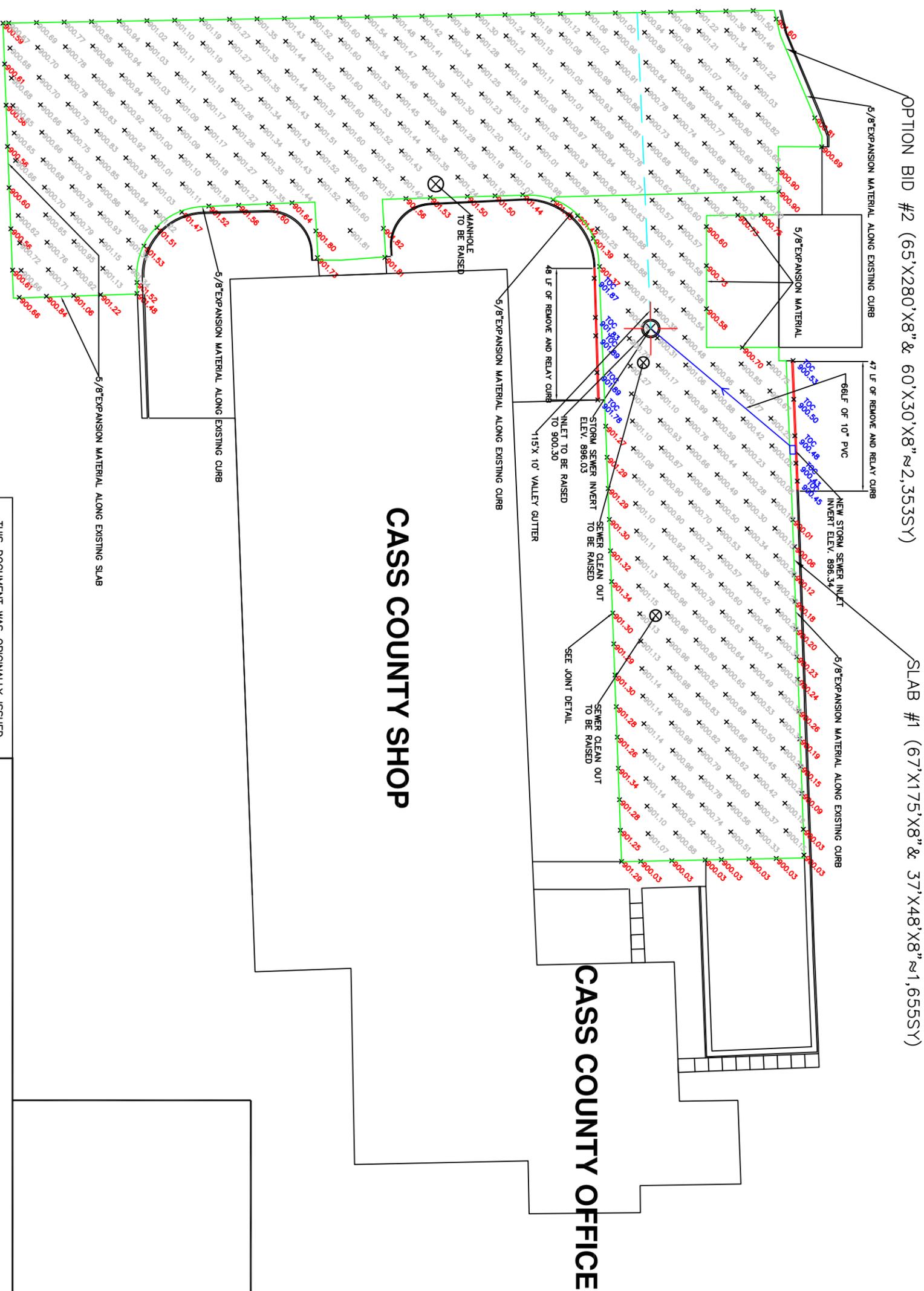
NOTE: CONTRACTOR MAY NEED TO DO SOME MINOR LEVELING ON THE SUBGRADE TO OBTAIN THE PROPER ELEVATION. THIS WORK WILL BE INCIDENTAL TO THE PRICE BID FOR REINFORCED CONCRETE PAVEMENT.

JOINTS TO BE PLACED AS DESIGNATED BY THE ENGINEER IN THE FIELD. MATCH EXISTING JOINTS.

ALL CONCRETE SLAB CONCRETE REINFORCEMENT SHALL BE #5 DEFORMED RE-BARS @ 18\"/>

4\"/>

ALL SURFACE GRADES ARE TOP OF CONCRETE



OPTION BID #2 (65'X280'X8\"/>

SLAB #1 (67'X175'X8\"/>

## CASS COUNTY SHOP

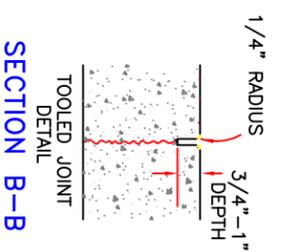
## CASS COUNTY OFFICE

THIS DOCUMENT WAS ORIGINALLY ISSUED AND SEALED BY  
 JASON P. BENSON  
 N.D. REG. NO. 7490  
 ON 01/31/2013 AND THE ORIGINAL DOCUMENT IS STORED AT THE CASS COUNTY HIGHWAY DEPARTMENT, WEST FARGO, ND

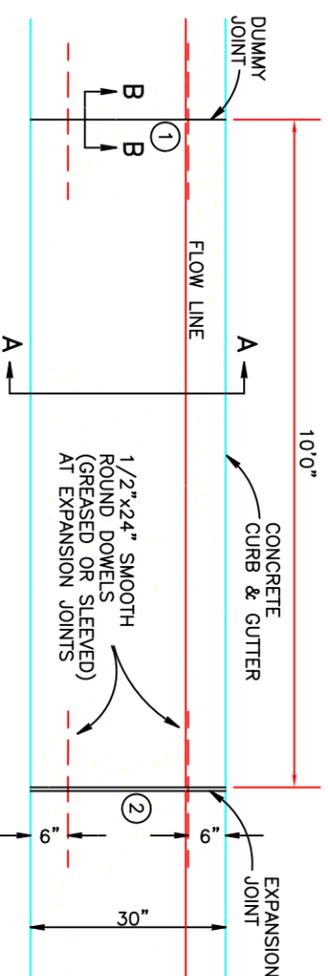
CASS COUNTY HIGHWAY DEPARTMENT  
 PROJECT NO. MS1302  
 CONCRETE SURFACING DETAILS

# STANDARD (TYPE II) CURB & GUTTER

NOT TO SCALE



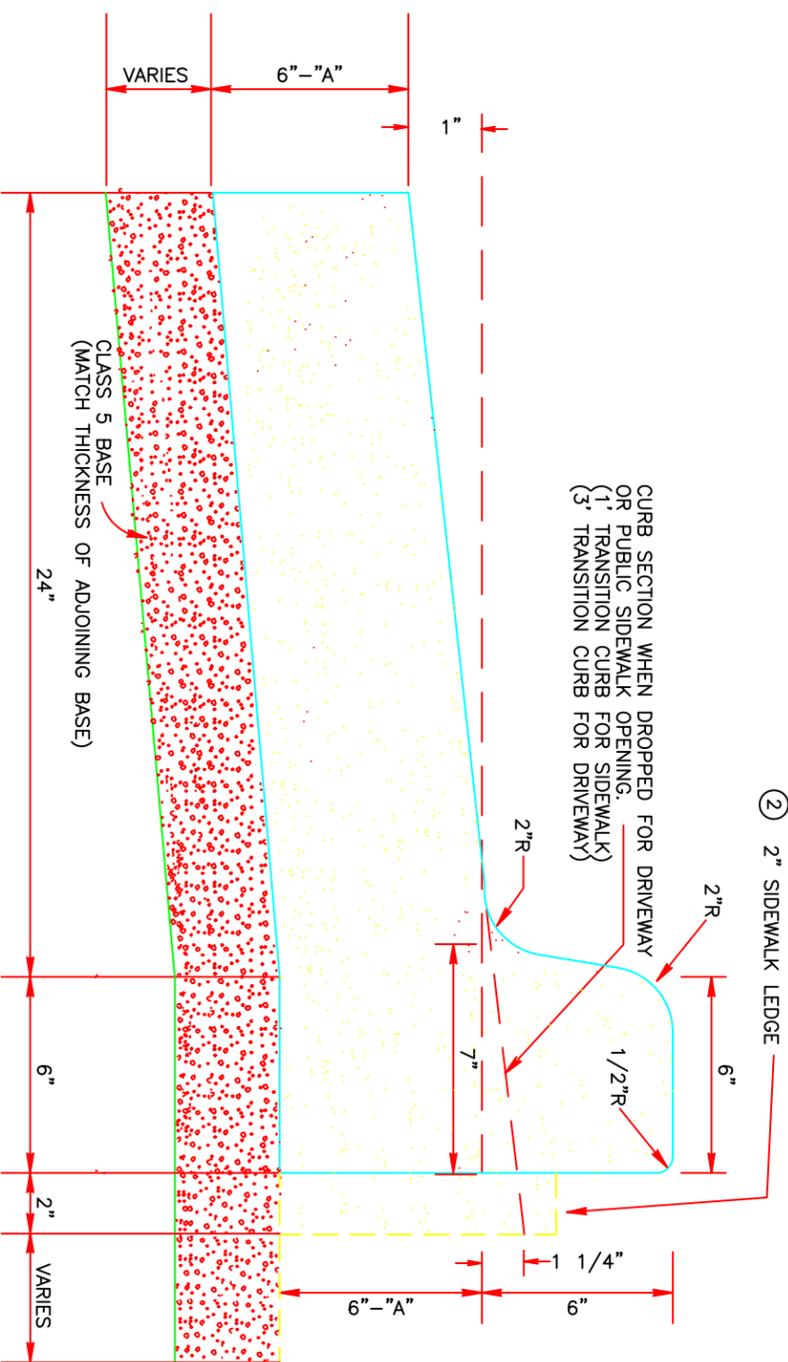
- ① DUMMY JOINT
- (1) PLACE AT 10'0" O.C. FOR ASPHALT PAVING
- (2) MATCH PANEL SPACING FOR CONCRETE PAVEMENT



- ② 1" EXPANSION JOINTS
- (1) PLACE AT P.C.'S AND HIGH POINTS FOR ASPHALT PAVING
- (2) MATCH EXPANSION JOINTS ON CONCRETE PAVEMENT

## TYPE II (SEC B)

## TYPE II (SEC A)

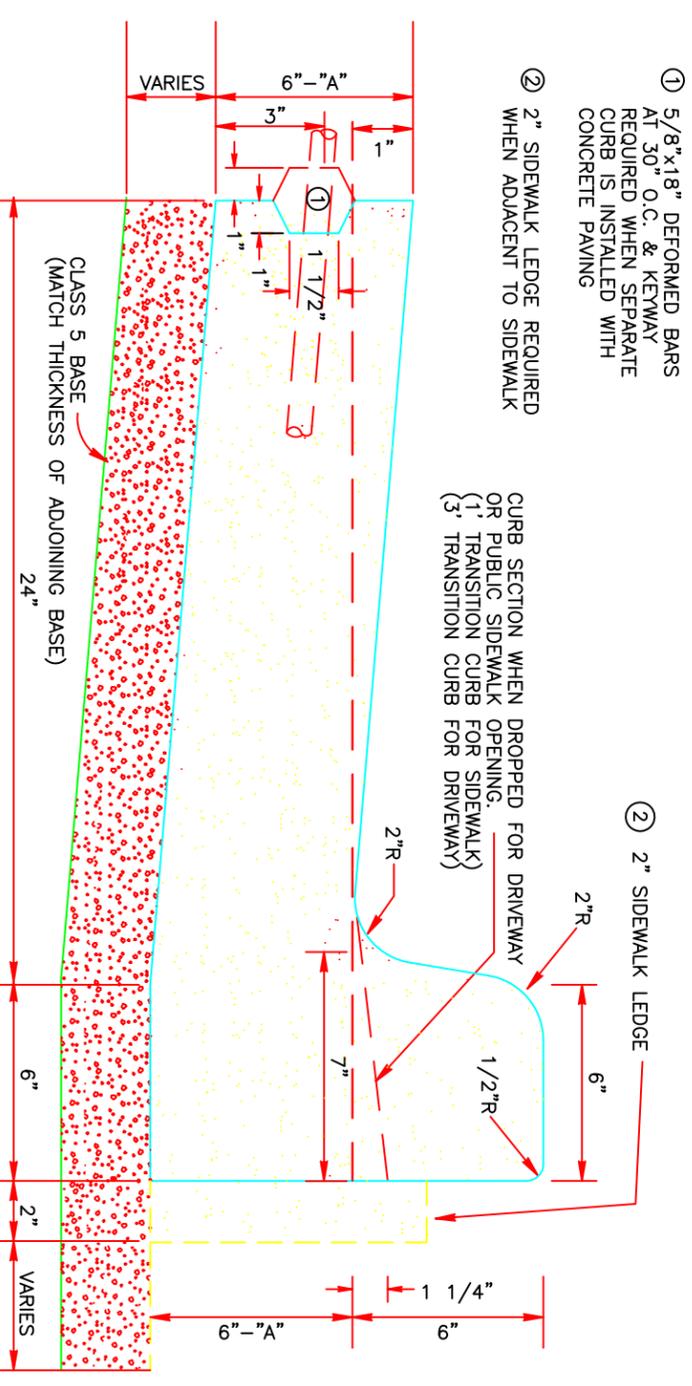


CURB SECTION WHEN DROPPED FOR DRIVEWAY OR PUBLIC SIDEWALK OPENING.  
(1' TRANSITION CURB FOR SIDEWALK)  
(3' TRANSITION CURB FOR DRIVEWAY)

- ② 2" SIDEWALK LEDGE

### SECTION A-A

NOTE:  
WHEN INTEGRAL CURB IS INSTALLED DIMENSION "A" SHALL MATCH THE THICKNESS OF THE ADJOINING SLAB.



- ② 2" SIDEWALK LEDGE REQUIRED WHEN ADJACENT TO SIDEWALK

### SECTION A-A

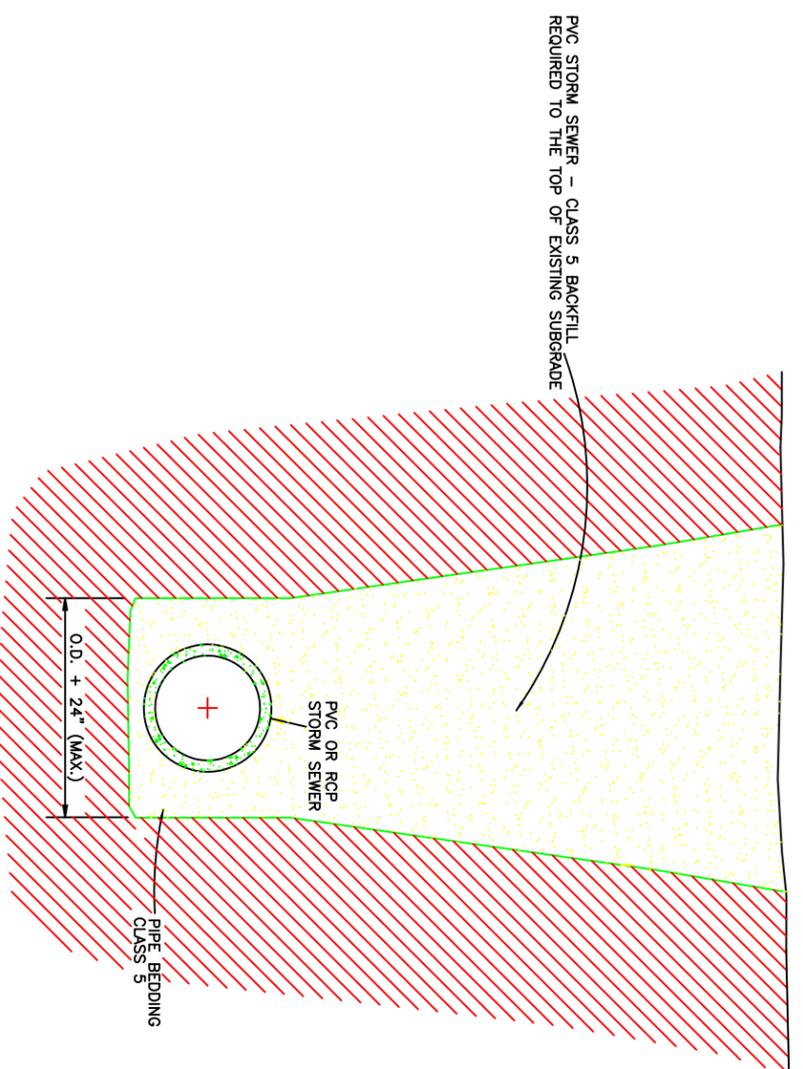
NOT TO SCALE

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CASS COUNTY HIGHWAY DEPARTMENT  
PROJECT NO. MS1302  
CURB AND GUTTER DETAILS

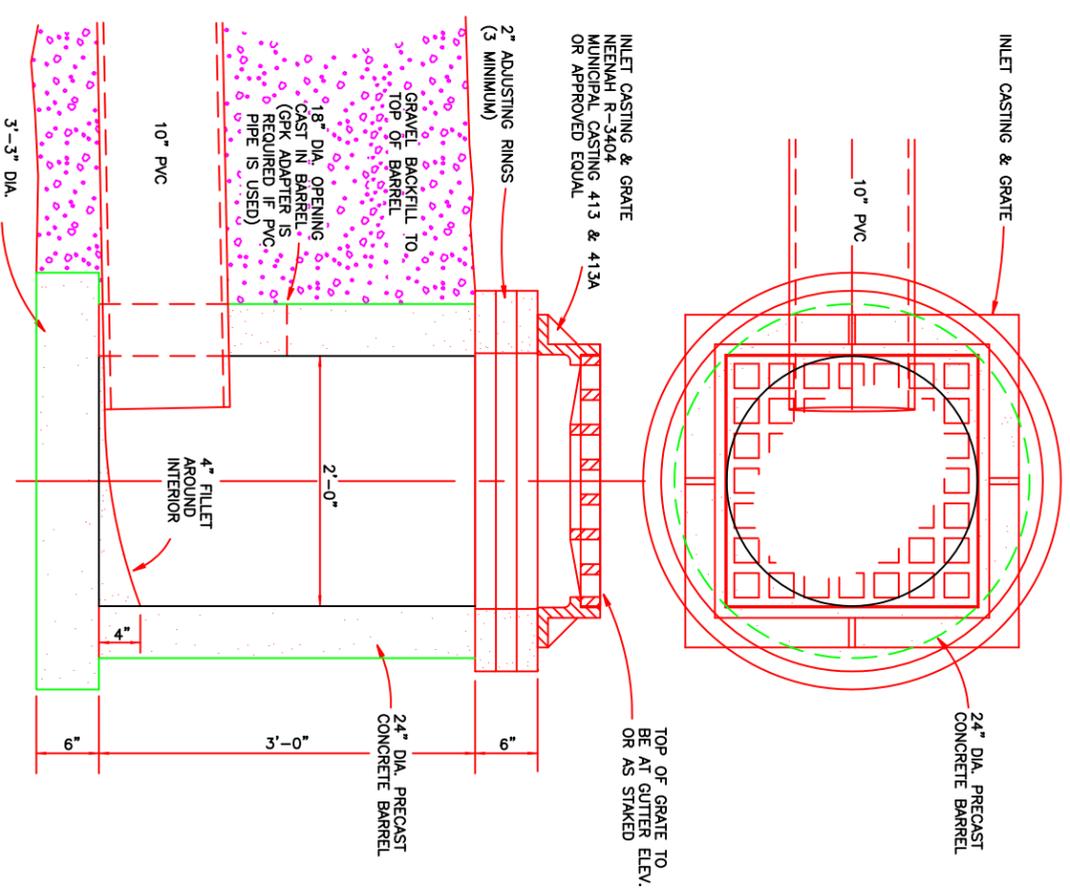
# STORM SEWER BACKFILL DETAIL

NOT TO SCALE



# STORM SEWER "A" INLET DETAIL

NOT TO SCALE



NOTE:  
MINIMUM DROP FROM 24" INLET TO 18" INLET TO BE .38%  
MINIMUM DROP FROM 18" INLET TO M.H. TO BE .36%

NOTE:  
PRECAST REINFORCED CONCRETE BARREL TO HAVE 24" CORE  
AND 27" SHELL WALL (4 3/4" x 36") REINFORCING TO BE  
THE SAME AS 24" RCP - A.S.T.M. DESIG. C76.

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HIGHWAY DEPARTMENT, WEST FARGO, ND

CASS COUNTY HIGHWAY DEPARTMENT  
PROJECT NO. MS1302  
STORM SEWER BACKFILL/INLET DETAIL

**CASS COUNTY HIGHWAY DEPARTMENT  
COUNTY PROJECT NUMBER MS1302**

**PROPOSAL**

Note: The envelope containing this proposal should be marked:

**"BID FOR CONCRETE SURFACING AND INCIDENTALS"**, in Cass County.

Proposal of \_\_\_\_\_

---

Mailing Address

to furnish and deliver all materials and to do and perform all work, in accordance with the Standard Specifications, adopted by North Dakota Department of Transportation October 2008, Standard Drawings currently in effect, and other contract provisions submitted herewith of the North Dakota Department of Transportation except as specifically stated otherwise in the "Special Provisions" contained therein, for the improvement of a certain Public Highways in Cass County, State of North Dakota, on which proposals will be received until 10 o'clock A.M., on the 12th day of September 2013.

**PROPOSAL**

**COUNTY PROJECT NUMBER:** MS1302

**TYPE:** Concrete Surfacing and Incidentals

**LENGTH:** N/A

To The Chairman:  
Cass County Board of Commissioners  
Fargo, North Dakota

In accordance with the advertisement and notice to bidders from the Cass County Highway Department inviting proposals for the work on the project described above, the Bidder proposes to furnish all materials specified, and perform all work in the manner and at the time prescribed. The Bidder understands the quantities of work shown herein are approximate only, and are subject to increase or decrease. The bidder further understands that all quantities of work, whether increased or decreased, are to be performed at the unit prices proposed herein (except as otherwise provided in the contract documents).

The bid schedule, time for completion, other provisions, and bidder's affidavit follows:

**CASS COUNTY HIGHWAY DEPARTMENT  
 BID SCHEDULE COUNTY PROJECT NUMBER MS1302**

BIDDER MUST TYPE OR NEATLY PRINT UNIT PRICES IN NUMERALS,  
 MAKE EXTENSIONS FOR EACH ITEM, AND TOTAL, DO NOT CARRY  
 UNIT PRICES FURTHER THAN THREE (3) DECIMAL PLACES.

ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT & APPROX QTY.	UNIT PRICE		AMOUNT	
				\$\$\$\$	000	\$\$\$\$	000
1	103	CONTRACT BOND	L SUM 1				
2	202	REMOVE CURB AND GUTTER	LF 145				
3	210	SELECT BACKFILL	TON 50				
4	550	8IN REINF CONCRETE PAVEMENT CL AE	SY 1,655				
5	702	MOBILIZATION	L SUM 1				
6	714	10IN PVC PIPE	LF 66				
7	722	ADJUST INLET	EA 1				
8	722	INLET	EA 1				
9	722	ADJUST GATE VALVE BOX	EA 2				
10	748	CURB & GUTTER	LF 145				

TOTAL BID: \_\_\_\_\_

**CASS COUNTY HIGHWAY DEPARTMENT  
 BID SCHEDULE COUNTY PROJECT NUMBER MS1302**

BIDDER MUST TYPE OR NEATLY PRINT UNIT PRICES IN NUMERALS,  
 MAKE EXTENSIONS FOR EACH ITEM, AND TOTAL, DO NOT CARRY  
 UNIT PRICES FURTHER THAN THREE (3) DECIMAL PLACES.

BID OPTION:

ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT & APPROX QTY.	UNIT PRICE		AMOUNT	
				\$\$\$\$	000	\$\$\$\$	000
1	550	8IN REINF CONCRETE PAVEMENT CL AE	SY 2,353				
2	722	ADJUST MANHOLE	EA 1				

BID OPTION: \_\_\_\_\_

GRAND TOTAL BID: \_\_\_\_\_

RECEIPT OF ADDENDUMS:

- NO. 1 \_\_\_\_\_
- NO. 2 \_\_\_\_\_
- NO. 3 \_\_\_\_\_

**COUNTY PROJECT NUMBER:** MS1302

**TYPE:** Concrete Surfacing and Incidentals

**TIME FOR COMPLETION:**

The undersigned Bidder agrees, if awarded the contract, to prosecute the work with sufficient forces and equipment to complete the contract work within the allowable time specified as follows:

**WORKING DAY CONTRACT:**

West Lot: 10 working days, counted as provided in Standard Specification No. 108.04. Working days will be counted from October 1, 2013 or from the actual date on which on-site work is started, whichever is earlier.

Option Bid: 15 Additional working days, counted as provided in Standard Specification No. 108.04. Working days will be counted from June 3, 2014 or from the actual date on which on-site work is started, whichever is earlier.

**COMPLETION DATE CONTRACT:** N/A provided however, that a minimum of N/A working days, counted as provided in Standard Specification No. 108.04, are guaranteed for the performance of the work. Working days will be counted from N/A or from the actual date on which onsite work is started, whichever is earlier.

**COUNTY PROJECT NUMBER:** MS1302

**TYPE:** Concrete Surfacing and Incidentals

**CONTRACT EXECUTION:**

The undersigned Bidders agrees, if awarded the contract, to execute the contract form and furnish a contract bond within ten days, as determined by N.D.C.C Section 1-02-15, after date of notice of tentative award, in accordance with the provisions of Sections 103.05 and 103.06 of the Standard Specifications.

**AFFIDAVIT:**

STATE OF \_\_\_\_\_ )ss.  
COUNTY OF \_\_\_\_\_

The undersigned bidder, being duly sworn, does depose and say that he/she is an authorized representative

Of \_\_\_\_\_

\_\_\_\_\_ a,  
Mailing Address

\_\_\_\_ Individual      \_\_\_\_ Partnership      \_\_\_\_ Joint Venture      \_\_\_\_ Corporation

and that the said bidder has examined and carefully prepared its bid from the plans and specifications and has checked the same in detail before submitting said proposal or bid; and that the said bidder or its agents, office, or employees have not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

\_\_\_\_\_  
Bidder must sign on this line

Title \_\_\_\_\_

\_\_\_\_\_  
Type or Print Signature

Subscribed and sworn to  
before me this day \_\_\_\_\_

\_\_\_\_\_ County, \_\_\_\_\_  
State

\_\_\_\_\_  
Notary Public  
My commission expires \_\_\_\_\_