

**CASS COUNTY HIGHWAY DEPARTMENT  
BIDDERS PROPOSAL & PLANS**

**FOR  
COUNTY PROJECT CH1308  
SEAL COAT**

Various locations on Cass County Highways,  
in Cass County, North Dakota

**Date of Letting: 10:00 A.M., February 28th, 2013**

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

**COUNTY PROJECT CH1308**

**SEAL COAT**

Various locations on Cass County Highways,  
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: \_\_\_\_\_ 1/31/13 \_\_\_\_\_

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 1/31/13 AND THE ORIGINAL DOCUMENT IS STORED AT THE CASS COUNTY HIGHWAY DEPARTMENT, WEST FARGO, ND.

## COUNTY PROJECT NUMBER CH1308

### SEAL COAT

#### 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 February 28, 2013. Bids will be opened immediately following the hour set for receiving bids in the Grasslands Room (Old Commission Room) at the Cass County Courthouse, 211 9th Street South, Fargo, North Dakota.

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

All envelopes containing bids must be clearly marked on the outside **"BID FOR SEAL COAT"**, and the current North Dakota Contractors license number must be shown.

A bidder's 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 Cashier's checks will not be accepted. **A copy of the current ND Contractor's License or certificate of renewal shall be included in the Bid Bond envelope.** No bid will be read or considered which does not comply with the bond or license requirements.

Prequalification is required for all bidders prior to obtaining a bidder's 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.

**COUNTY PROJECT NUMBER CH1308**

**SEAL COAT**

**INDEX OF PROVISIONS:**

North Dakota Supplemental Specifications

Supplemental Specifications dated January 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/suplspecs/standardspecs.aspx>

Price Schedule for Miscellaneous Items Dated January 1, 2013

Special Provision 13-1 Contractor License & Contractor Claims

Construction Notes

Basis of Estimate

Summary of Quantities

Typical Sections

Location Map

Construction Sign Layout

Standard Drawings

NUMBER

TITLE

D-704-3, 7, 8, 9, 10, 11, 12, 14, 15, 20, 22, & 26

CONSTRUCTION SIGNING  
PVMT MARKING MESSAGE  
DETAILS

D-762-1

D-762-4

PAVEMENT MARKING

D-762-6

SHORT TERM PVMT  
MARKING

**STANDARD DRAWINGS ARE NOT INCLUDED IN PLANS BUT ARE AVAILABLE AT THE COUNTY ENGINEER'S OFFICE.**

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

PRICE SCHEDULE FOR MISCELLANEOUS ITEMS

January 1, 2013

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 24-02-26 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.

## CONSTRUCTION NOTES

### **GENERAL PROVISIONS:**

Pavement widening exists at various locations on all projects, including intersections of major roads. These areas will be chip sealed. The Engineer in the field will determine the locations of these areas.

In addition to the requirements of Section 420.04 C and E of the Standard Specifications, the Engineer reserves the right to have an additional sweeping of the entire road surface to remove any loose material immediately prior to the application of permanent striping (approximately one month after completion of the seal coat work). All costs associated with this work shall be included in the price bid for other items.

### **TRAFFIC CONTROL:**

**FLAGGING AND A PILOT CAR SHALL BE REQUIRED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS.** The lump sum bid for Traffic Control for project CH1308 shall include all costs for flagging and the pilot car, and the quantity of signs required for all of the highways listed in this set of plans. Flagging and pilot car will not be measured for separate payment.

The Contractor shall furnish the necessary signing as shown on the Construction Sign Layout and Standard Drawings, "Construction Sign and Barricade Details," under Type A, H, K, L, and C-C as required by the Contractor's operation.

### **AGGREGATES:**

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.

### **HAUL ROADS:**

The Contractor's attention is directed to Section 107.05 B of the Standard Specifications with regard to the use of public roads for hauling materials to the project. It shall be the Contractor's responsibility to investigate the suitability of routes with the agency having control of the road prior to submitting a bid.

### **CRS-2P:**

The Contractor's attention is directed to Section 420.04 B of the Standard Specifications with regard to the amount of material used on the project. The CRS-2P quantities for this project were based on estimated rates of 0.40 GAL/SY. The actual application rate will be determined by the Engineer.

### **CLASS 41 - AGGREGATE:**

The Contractor's attention is directed to Section 420.04 C of the Standard Specifications with regard to the amount of material used on the project. The Class 41 quantities for this project were based on an estimated rate of 26 LBS/SY. The actual application rate will be determined by the Engineer. Load tickets will be required. The actual application area will be measured in the field for payment.

## CONSTRUCTION NOTES

### **FOGGING:**

The SS-1H or CSS1H emulsified asphalt material used for fogging of the cover coat material shall be diluted 50% during the application. The application rate is estimated at 0.1 GAL/SY. The actual application rate will be determined by the Engineer. Manifest tickets will be required for payment. Fogging is not required over pavement messages. Stay 10' away from each message with fogging operation.

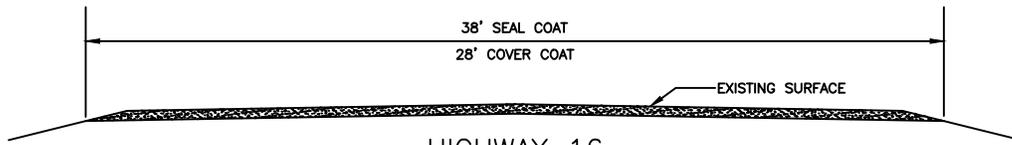
NOT FOR BIDDING

**BASIS OF ESTIMATE  
SEAL COAT  
PROJECT NUMBER CH1308**

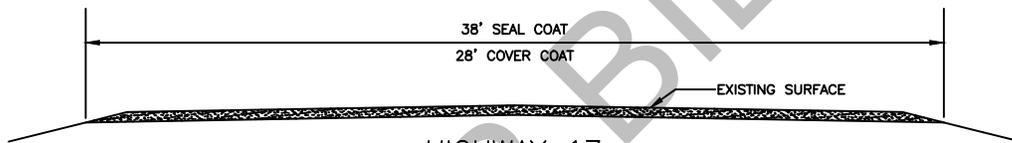
ITEM	UNITS	HIGHWAY 16	HIGHWAY 17	HIGHWAY 38	TOTALS
		HIGHWAY 15 TO HIGHWAY 17  STA 0+00 TO STA 265+06  (5.020 MILES)	HIGHWAY 16 TO STATE HIGHWAY 46  STA 105+91 TO STA 422+98  (6.055 MILES)	1.5 MILES SOUTH OF ALICE TO .7 MILES SOUTH  STA 91+50 TO STA 129+00  (0.710 MILES)	
LENGTH	FT	26,506	31,707	3,750	61,963
SEAL COAT WIDTH	FT	38	38	30	
COVER COAT WIDTH	FT	28	28	26	
SEAL COAT	SY	111,914	133,874	12,500	258,288
COVER COAT	SY	82,463	98,644	10,833	191,940
CRS-2P EMULSIFIED ASPHALT GAL @ 0.40 GAL/SY	GAL	44,766	53,550	5,000	103,315
SS-1H OR CSS1H EMULSIFIED ASPHALT GAL @ 0.05 GAL/SY	GAL	4,123	4,932	542	9,597
COVER COAT MATERIAL CL 41 TONS @ 26 LB/SY	TON	1,072	1,282	141	2,495
SHORT TERM PVMT MK (4IN)	LF	62,999	74,269	15,000	152,268
PVMT MK (4IN) PAINTED LINE	LF	62,999	74,269	15,000	152,268

**SUMMARY OF QUANTITIES  
SEAL COAT  
PROJECT NUMBER CH1308**

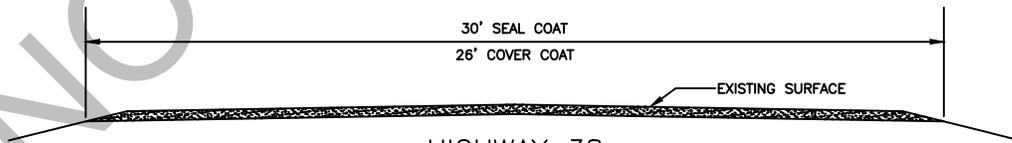
SPEC.	ITEM	UNITS	HIGHWAY 16	HIGHWAY 17	HIGHWAY 38	TOTALS
			(5.020 MILES)	(6.055 MILES)	(0.710 MILES)	
			HIGHWAY 15 TO HIGHWAY 17	HIGHWAY 16 TO STATE HIGHWAY 46	1.5 MILES SOUTH OF ALICE TO .7 MILES SOUTH	
			STA 0+00 TO STA 265+06	STA 105+91 TO STA 422+98	STA 91+50 TO STA 129+00	
103	CONTRACT BOND	LS	0.33	0.33	0.34	1
420	SS-1H OR CSS1H EMULSIFIED ASPHALT	GAL	4,123	4,932	542	9,597
420	CRS-2P EMULSIFIED ASPHALT	GAL	44,766	53,550	5,000	103,315
420	COVER COAT MATERIAL CL 41	SY	82,463	98,644	10,833	191,940
702	MOBILIZATION	LS	0.33	0.33	0.34	1
704	TRAFFIC CONTROL	LS	0.33	0.33	0.34	1
762	SHORT TERM PVMT MK (4IN)	LF	62,999	74,269	15,000	152,268
762	PVMT MK (4IN) PAINTED LINE	LF	62,999	74,269	15,000	152,268



HIGHWAY 16  
 STA. 0+00 TO STA. 265+06  
 HWY 15 TO HWY 17 - 5.020



HIGHWAY 17  
 STA. 105+91 TO STA. 422+98  
 HWY 16 TO ND HWY 46 - 6.005 MILES



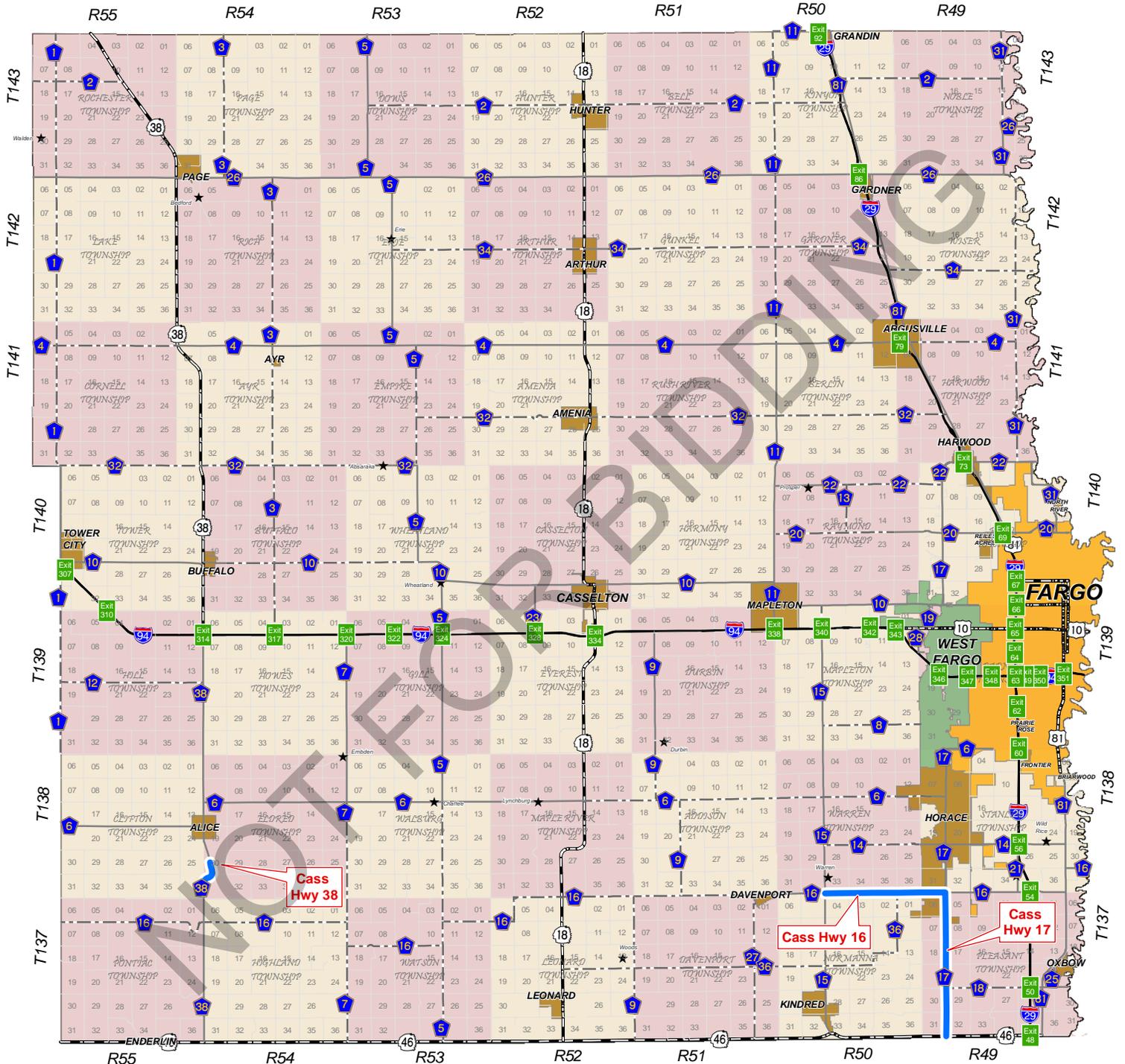
HIGHWAY 38  
 STA. 91+50 TO STA. 129+00  
 1.5 MILES SOUTH OF ALICE TO 0.7 MILES SOUTH - 0.710

NOT FOR BIDDING

PROJECT NO. CH1308  
 TYPICAL SECTIONS

# Cass County Highway Department

## Chip Seal Project No. CH1308 - Project Identification Map



FILE: S:\GIS\Construction\2013\CH1308.mxd

Jason Benson  
County Engineer, P.E.

Richard Sieg  
Highway Superintendent

Prepared by  
Cass County Highway Dept.  
February 2013



Cass County Hwy. Dept.  
1201 Main Ave. W  
West Fargo, ND 58078

(701) 298-2370

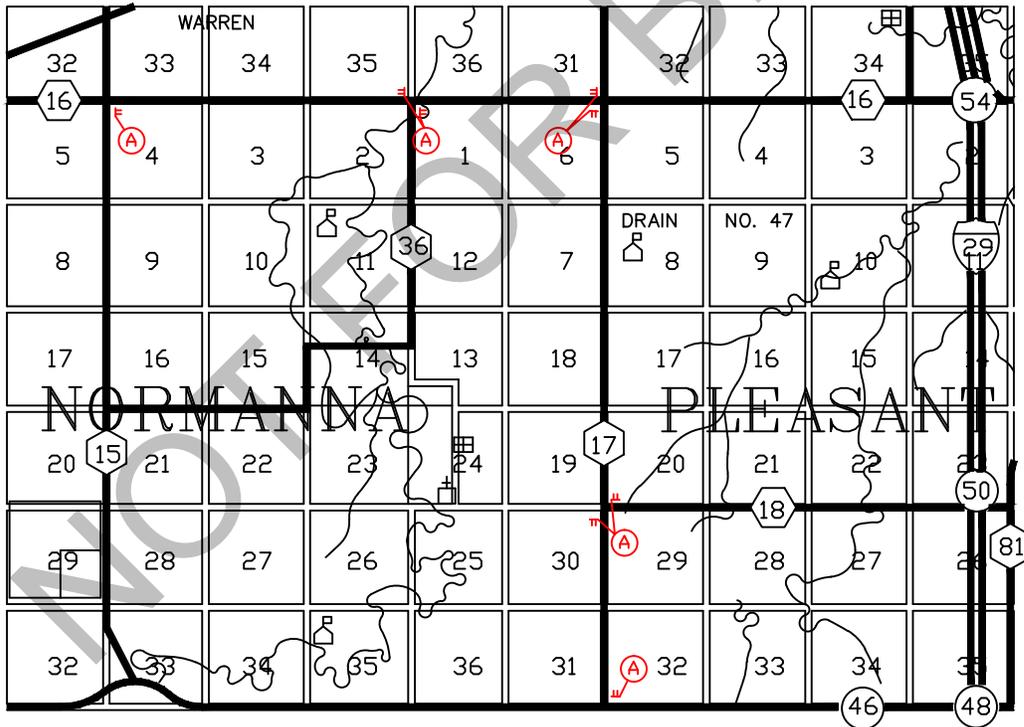
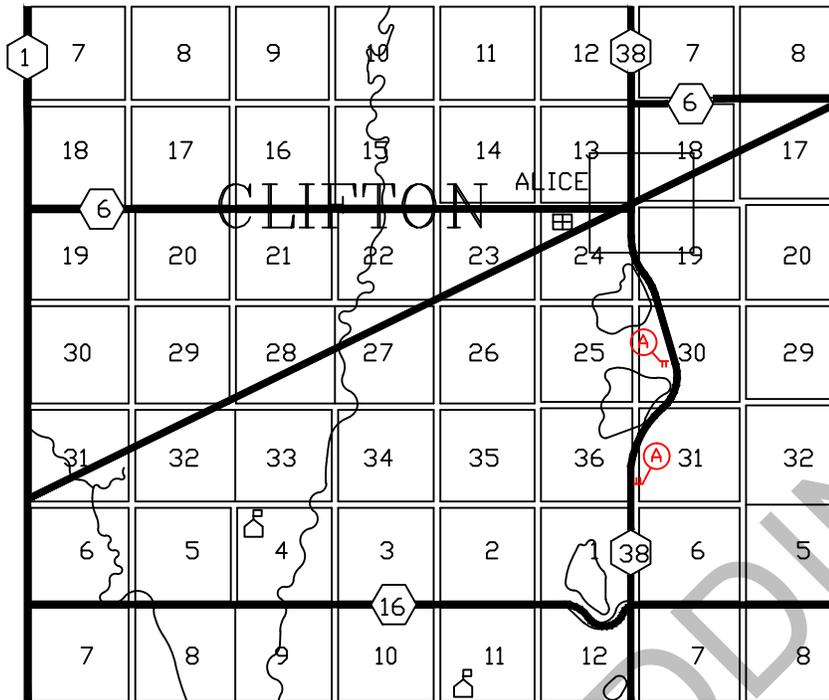
Web: <http://www.casscountynd.gov>  
Email: [highway@casscountynd.gov](mailto:highway@casscountynd.gov)

**Project**

Chip Seal

Disclaimer: As with all public information derived from variable sources, this data may contain errors or faults. Therefore, Cass County does not provide any warranty express or implied, as to the accuracy of this data. The recipient is encouraged to make an independent investigation of verification of the data. If an error is found, it is requested the County Engineer be advised of the particulars so the data can be examined and corrected. THIS MAP IS NOT A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.





	(A)	UNITS
W8-12-48 - NO CENTERLINE STRIPE	34	34
R4-1-48 - DO NOT PASS	40	40
R2-1-48 - SPEED LIMIT (40 MPH)	40	40
R2-1a-24 - MINIMUM FEE \$80	10	10
W22-8-48 - FRESH OIL LOOSE ROCK	34	34
W20-52-54 - NEXT ___ MILES	10	10

TOTAL = 168\*10=1,680 UNITS

PROJECT NO. CH1308  
CONSTRUCTION SIGN LAYOUT

**PROPOSAL**

Note: The envelope containing this proposal should be marked:

**“BID FOR SEAL COAT”**, 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 Highway in Cass County, State of North Dakota, on which proposals will be received until 10:00 o'clock A.M., on the 28th day of February, 2013, this project being known as Cass County Project No. CH1308. Said project being situated as follows: Beginning at various locations on highways in Cass County, as indicated on the plans. Project being approximately 11.735 miles in length, as indicated on the plans.

NOT FOR BIDDING

**PROPOSAL**

**PROJECT NO:** CH1308

**TYPE:** SEAL COAT

**LENGTH:** 11.735 MILES.

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:

NOT FOR BIDDING

**PROPOSAL**

**BID SCHEDULE FOR COUNTY PROJECT NUMBER CH1308**

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. Quant.	Unit Price		Amount	
				\$\$	00	\$\$	00
001	103	Contract Bond	LS 1				
003	420	SS-1H OR CSS1H Emulsified Asphalt	Gal 9,597				
004	420	CRS-2P Emulsified Aspahlt	Gal 103,315				
005	420	Cover Coat Material - Class 41	SY 191,940				
006	702	Mobilization	LS 1				
007	704	Traffic Control	LS 1				
008	762	Short Term Pvmt. Marking (4IN)	LF 152,268				
009	762	Pvmt. Marking (4IN) Painted Line	LF 152,268				

TOTAL: \$ \_\_\_\_\_

RECEIPT OF ADDENDUMS

NO. 1 \_\_\_\_\_

NO. 2 \_\_\_\_\_

NO. 3 \_\_\_\_\_

**PROPOSAL**

**COUNTY PROJECT NUMBER:** CH1308

**TYPE:** Seal Coat

**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:** N/A working days, counted as provided in Standard Specification No. 108.04. Working days will be counted from N/A or from the actual date on which on-site work is started, whichever is earlier.

**COMPLETION DATE CONTRACT:** August 16, 2013 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.

NOT FOR BIDDING

**PROPOSAL**

**COUNTY PROJECT NUMBER:** CH1308

**TYPE:** Seal Coat

**CONTRACT EXECUTION:**

The undersigned Bidder agrees, if awarded the contract, to execute the contract form and furnish a contract bond within ten days, as determined by NDCC 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 \_\_\_\_\_