

**REQUEST FOR PROPOSAL  
PROJECT NO. FL1103-SITE 113**

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Cass County is requesting bids for repairing the west steel deck beam and the adjacent concrete end diaphragms and miscellaneous items of Bridge No. 126-25.0 located on the west line of Section 5-139-51 (Durbin Township) over Swan Creek. Location is approximately 6 miles north of Durbin on 158<sup>st</sup> Ave. SE. Bid shall include all materials, labor, equipment, insurance, mobilization, and any other costs associated with the repair and incidental items. All work shall be completed as outlined, and shall conform to applicable sections of the current edition of the NDDOT Standard Specifications for Road and Bridge Construction and Supplemental Specifications currently in force.

Sealed bids will be received until 10:00 am on August 9, 2012 by the Cass County Auditor at the Auditor's Office in the Cass County Courthouse, 211 9<sup>th</sup> Street South, Fargo, North Dakota, 58103. Bids will be opened immediately following the hour set for receiving bids. Envelope containing the completed Bid Schedule (Sheets 3 & 4 of 4) shall be marked "Bid for Durbin Bridge Repair". Payment, performance and bid bonds are not required.

NOT FORM BIDDING PURPOSES

## CONSTRUCTION NOTES

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Completion date for this project shall be October 31, 2012.

Bridge No. 126-25.0 consists of a single span bridge with a concrete deck, steel beams, timber abutments and steel and timber piling.

The scope of this project shall include repairing the west 21" steel deck beam using heat straightening, removing loose concrete and patching concrete diaphragms at both ends of the steel beam, repairing concrete cracks and filling the gap between the top flange of the steel beam and the bottom of the concrete deck using epoxy injection. Also, included is furnishing and placing treated timber plank, Class 5 aggregate and 1 Hazard Marker at the SW wingwall.

**The Contractor's attention is drawn to Section 102.06 of the Standard Specifications.** Contractor shall be responsible for field verification of types and sizes of materials required to complete this work.

The cost of incidental items required, but not listed in the estimate of quantities, shall be included in the price bid.

The Contractor shall be responsible for locating any utilities on site. Any work affecting utility cables shall be coordinated with the appropriate company. Repair of any damage to utilities shall be at the Contractor's expense.

Current Davis-Bacon labor wage rates shall apply.

**Traffic Control** shall include Type III barricades, advanced warning signs and road closed signs.

**Treated Timber** to be attached to the H-piles. Bid includes disposal of damaged plank.

**Heat Straightening** shall be per the USDOT Guide for Heat Straightening of Damaged Steel Bridge Members. The 21" steel beam shall be returned to the original shape. Bid includes labor, equipment and access required.

**Epoxy Injection** shall be used at the gap between the top flange of the beam and the concrete deck – approximately 15 LFT, at the crack at the north end diaphragm – approximately 2 LFT, and at the south end diaphragm – approximately 2 LFT.

**C6x10.5 Channels** to be welded to the bottom flange of the western 3 steel deck beams at the beam ¼ points. Also, included is welding the existing channel below the south end of the west beam.

**Painting** includes removing loose paint, priming and painting 1 – 21" x 40' steel beam.

**Emergency Relief Contract Requirements:** All items listed on the "Emergency Relief Contract Requirements" attachment will apply for this project. This form will not need to be completed prior to proposal submittal. Detailed information for this is not attached to this RFP, but is available at the Cass County Highway Department or the following website.

[http://www.dot.nd.gov/divisions/localgov/docs/d\\_dir/ContractRequirementsChecklistAndDocumentsLongVersion.pdf](http://www.dot.nd.gov/divisions/localgov/docs/d_dir/ContractRequirementsChecklistAndDocumentsLongVersion.pdf)

**CASS COUNTY HIGHWAY DEPARTMENT**

**BID SCHEDULE - BRIDGE NO. 126-25.0 REPAIR**

**SECTION 5/6 DURBIN TOWNSHIP**

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.

Spec. No.	Item No.	Description	Unit & Approx. Quant.	Unit Price		Amount	
				\$\$\$\$	000	\$\$\$\$	000
210	001	Select Backfill – Class 5	CY 2				
602	002	Repair Concrete Diaphragms	LS 1				
602	003	Epoxy Injection	LS 1				
618	004	3” x 12” x 12’ Treated Timber	EA 2				
622	005	Heat Straightening	LS 1				
622	006	C6 x 10.5 x 10’ Channel	EA 3				
630	007	Cleaning and Painting	LS 1				
702	008	Mobilization	LS 1				
704	009	Traffic Control	LS 1				
754	010	Hazard Marker – Type III	EA 1				

TOTAL SUM BID = \_\_\_\_\_

NAME OF FIRM \_\_\_\_\_

AUTHORIZED SIGNATURE \_\_\_\_\_

TITLE \_\_\_\_\_

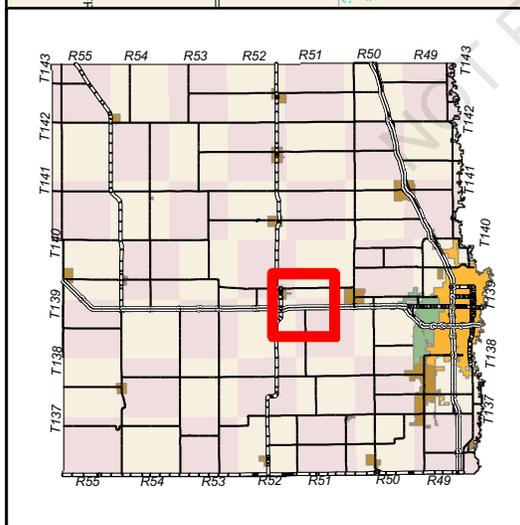
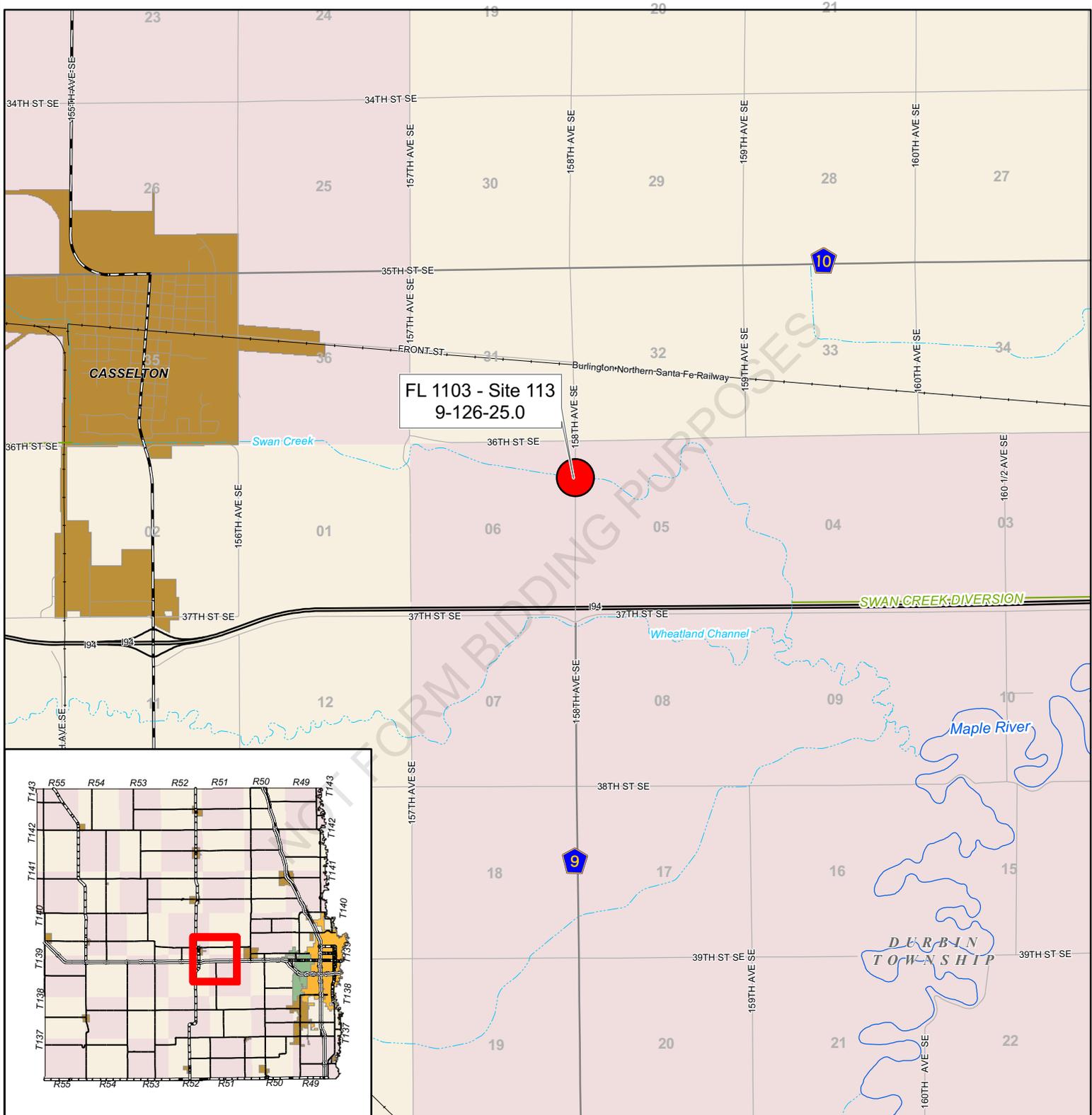
DATE \_\_\_\_\_

NOT FORM BIDDING PURPOSES

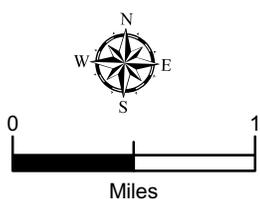
# CASS COUNTY HIGHWAY DEPARTMENT

## COUNTY PROJECT NUMBER FL1103 - SITE 113 - STRUCTURE REPAIR

### Sections 5/6 DURBIN TOWNSHIP



- |   |                |   |                     |   |             |
|---|----------------|---|---------------------|---|-------------|
|  | Bridge Project |  | Drain/Coulee/Ditch  |  | Interstates |
|  | City Limits    |  | Perennial Stream    |  | US Routes   |
|  | FARGO          |  | Intermittent Stream |  | State       |
|  | WEST FARGO     |   |                     |  | County      |



## Emergency Relief Contract Requirements

Project Number:

ER Site:

Location:

Year:

The Contractor shall perform all work in accordance with the *North Dakota Department of Transportation Standard Specifications for Road and Bridge Construction* and the most current *Supplemental Specifications*. The Contractor's signature and initials below indicated he has received or will obtain via the provided links and will abide by the policies and regulations of each of the following:

\_\_\_\_\_ FHWA 1273 – Required Contract Provisions

\_\_\_\_\_ NDDOT ADA Requirements

\_\_\_\_\_ NDDOT Revision to Race-Neutral DBE Special Provision

\_\_\_\_\_ NDDOT Special Provision – DBE Race-Neutral (with revision)  
[www.dot.nd.gov/divisions/civilrights/dbeprogram.htm](http://www.dot.nd.gov/divisions/civilrights/dbeprogram.htm).

\_\_\_\_\_ EEO Affirmative Action Requirements  
[www.dot.nd.gov/divisions/civilrights/docs/affirmativeactionrequirements.pdf](http://www.dot.nd.gov/divisions/civilrights/docs/affirmativeactionrequirements.pdf)

\_\_\_\_\_ Prompt Payment – 46 CFR 26.29  
[www.dot.nd.gov/divisions/civilrights/docs/dbepromptpay20080118.pdf](http://www.dot.nd.gov/divisions/civilrights/docs/dbepromptpay20080118.pdf)

\_\_\_\_\_ Davis-Bacon Wage and Payroll Requirements  
[www.dot.nd.gov/divisions/civilrights/laborcompliance.htm](http://www.dot.nd.gov/divisions/civilrights/laborcompliance.htm)

\_\_\_\_\_ Buy America Provision  
<http://www.fhwa.dot.gov/construction/cqit/buyam.cfm>

\_\_\_\_\_ Convict Produced Material/ Convict Labor Provision  
<http://www.fhwa.dot.gov/construction/cqit/convict.cfm>

\_\_\_\_\_ All materials shall come from an approved location. Pre-approved locations can be found on the NDDOT website at:  
[www.dot.nd.gov/dotnet2/materialsource/certificatesofapproval.aspx](http://www.dot.nd.gov/dotnet2/materialsource/certificatesofapproval.aspx)  
For new locations the contractor shall complete and submit SFN 58466 -  
MATERIAL SOURCE APPROVAL REQUEST

\_\_\_\_\_  
NDDOT or LPA witness

\_\_\_\_\_  
Date

\_\_\_\_\_  
Contractor Representative

\_\_\_\_\_  
Date