

**REQUEST FOR PROPOSAL
PROJECT NO. FL1103-SITE 105**

Page 1 of 5

Cass County is requesting bids for the replacement of the east abutment of Bridge No. 125-33.2 located on the west line of Section 18-138-51 (Addison Township) over the Maple River. Location is approximately 1 mile west and 3 miles south of Durbin, ND on 157th 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 July 12, 2012 by the Cass County Auditor at the Auditor's Office in the Cass County Courthouse, 211 9th Street South, Fargo, North Dakota, 58103. Bids will be opened immediately following the hour set for receiving bids. Envelope containing the completed Bid Schedule (Pages 4 & 5 of 5) shall be marked "Bid for Addison Bridge Repair".

CONSTRUCTION NOTES

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

Bridge No. 125-33.2 consists of a 3 span bridge with steel beams, timber abutments, timber piling and a timber deck.

The scope of this project shall include the temporary support of the east end of the deck, the removal of the east abutment & piling, driving HP 10x42 piling, placing an HP 10x42 pile cap, and placing timber backing at the abutment & wingwalls. Also, included is excavating & backfilling behind the abutment, including a cutoff trench, and placing riprap. Class 5 aggregate shall be placed & compacted over the fill. The steel rail and the timber curb along the south edge of deck shall be replaced.

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.

Erosion Control shall be included in the Foundation Preparation Bid Item.

Current Davis-Bacon labor wage rates shall apply.

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/ddir/ContractRequirementsChecklistAndDocumentsLongVersion.pdf>

Disposal of material shall be offsite at an approved inert disposal site.

The Bid Price for Treated Timber shall include all hardware. Attach to H-Piles with bolts at the bottom 2 plank and then with clips. Bid also includes the 6” x 6” x 2’-6” stiffeners and anchors.

HP10x42 steel piling to obtain 40 ton bearing at the abutment.

Select Backfill shall be placed & compacted in 6” lifts within the 24’ road width and 4’ out from the abutment and then slope 1:1 to the top of the graded road. Select backfill shall meet the gradation of Class 5 aggregate. Excavated material can be used for the inslopes.

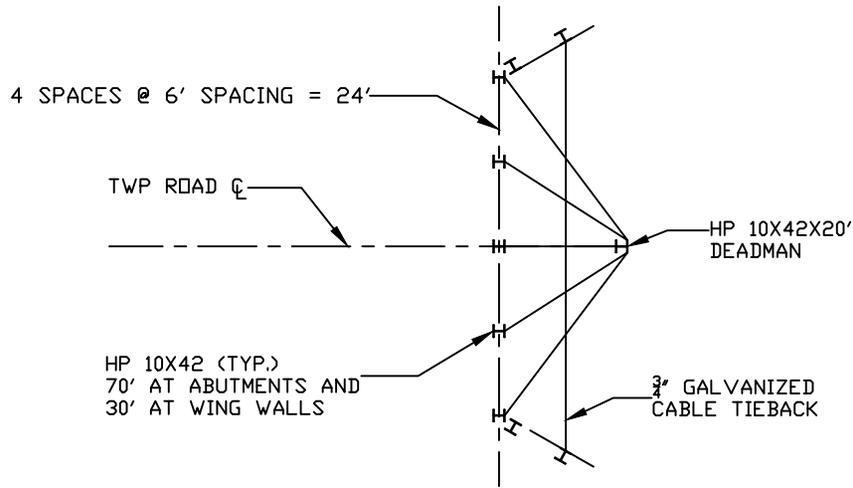
Traffic Control shall include Type III Barricades and advanced warning signs. No detour will be marked.

Place geotextile fabric at the abutment and wingwalls (top to bottom and 4’ horizontally at the bottom) prior to placing select backfill.

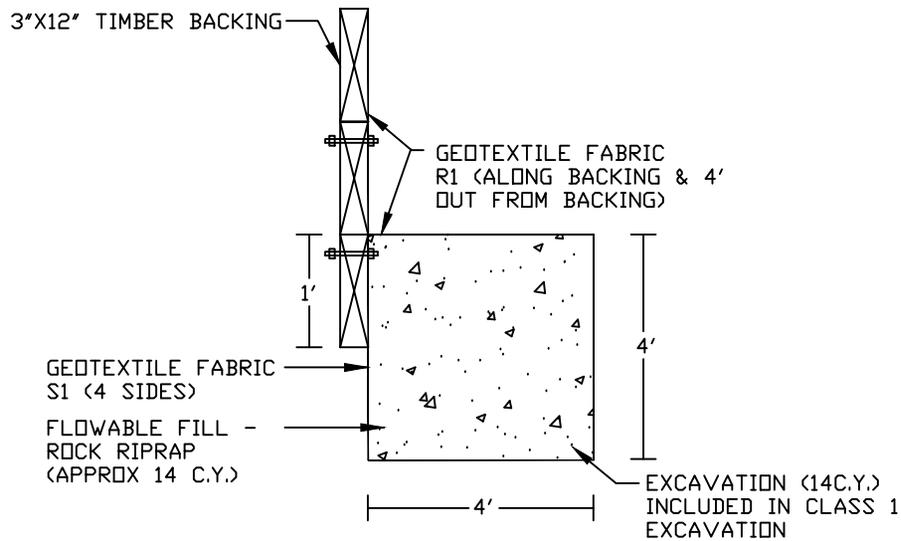
The cutoff trench at the abutment shall have geotextile fabric Type S1 placed on the 4 sides and riprap and flowable fill placed per the detail on Page 3 of 4.

The existing south steel rail shall be removed and the steel posts shall remain in place. Weld the new 4x3x3/8 steel rail to the existing posts. The rail shall be galvanized.

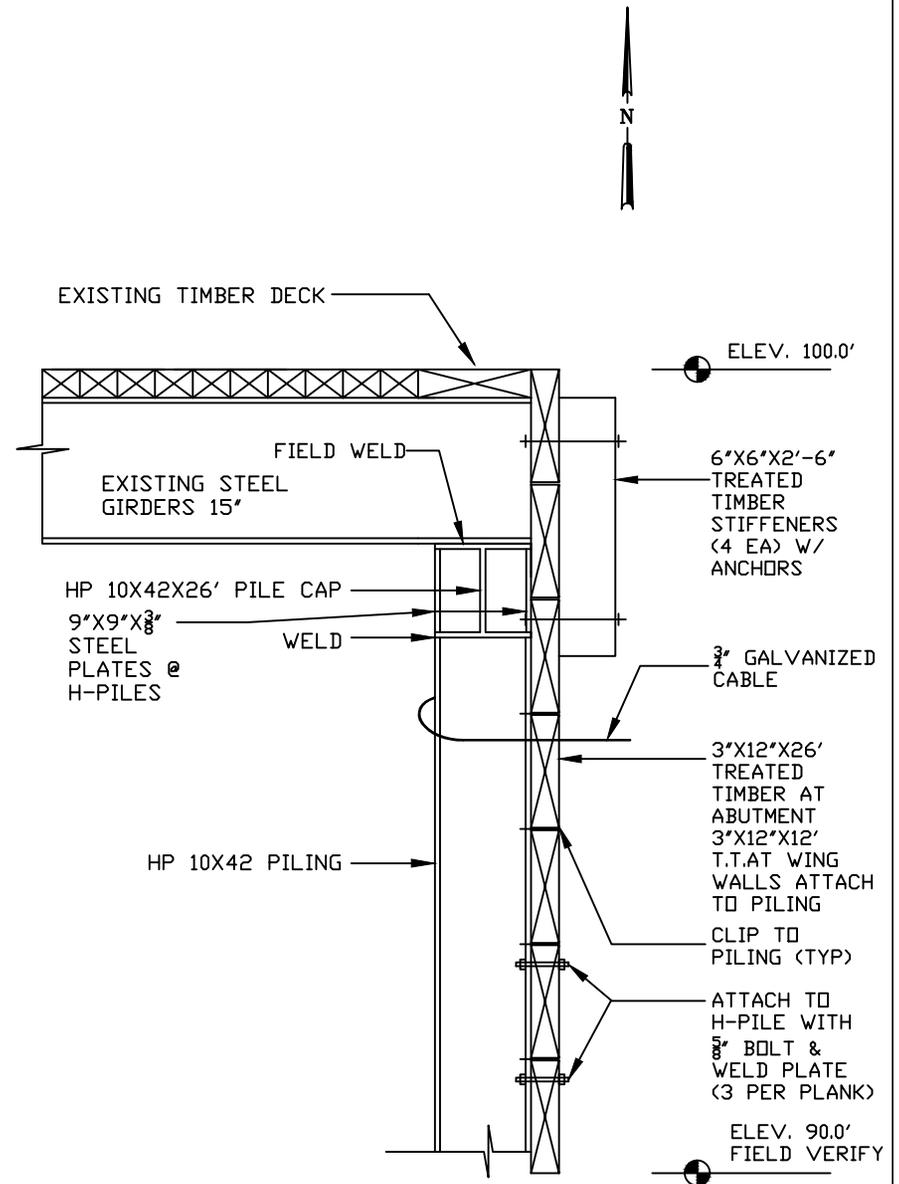
Remove the existing south 3”x 6” timber curb and place new 3”x 6” treated timber curb. Salvage and reuse the existing timber scuppers and hardware.



PILING LAYOUT PLAN
NOT TO SCALE



CUTOFF TRENCH @ ABUTMENT
NOT TO SCALE



ABUTMENT DETAIL
NOT TO SCALE

CASS COUNTY HIGHWAY DEPARTMENT
1201 WEST MAIN AVE. WEST FARGO, ND

COUNTY PROJECT NUMBER FL1103-SITE105 BRIDGE NUMBER 125-33.2

SEC. 13 MAPLE RIVER-18 ADDISON TOWNSHIP / MAPLE RIVER

CASS COUNTY HIGHWAY DEPARTMENT

BID SCHEDULE - BRIDGE NO. 125-33.2 REPAIR

SECTION 13 MAPLE RIVER/18 ADDISON TOWNSHIPS

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
103	001	Contract Bond	LS 1				
202	002	Temporary Support of Deck	LS 1				
202	003	Removal of Abutment & Wingwalls	LS 1				
210	004	Class 1 Excavation (Approx. 159 CY)	LS 1				
210	005	Select Backfill Class 5	TON 250				
210	006	Foundation Preparation	EA. 1				
210	007	Flowable Fill	CY 4				
302	008	Aggregate Surface Course Class 5	TON 40				
618	009	3" x 12" Treated Timber	MBF 1.50				
618	010	3" x 6" Treated Timber Curb	LF 90				
622	011	HP10x42 Steel Piling	LFT 470				
622	012	HP 10 x 42 x 26' Steel Cap	EA 1				

622	013	HP10x42x20' Deadman w/3/4" Galv. Cable (Approx. 150')	LS 1				
622	014	Angle 4x3x3/8 Steel Rail	LF 90				
702	015	Mobilization	LS 1				
704	016	Traffic Control	LS 1				
708	017	Riprap – Loose Rock	CY 40				
709	018	Geotextile Fabric – Type R1	SY 70				
709	019	Geotextile Fabric – Type S1	SY 52				

TOTAL SUM BID = _____

NAME OF FIRM _____

AUTHORIZED SIGNATURE _____

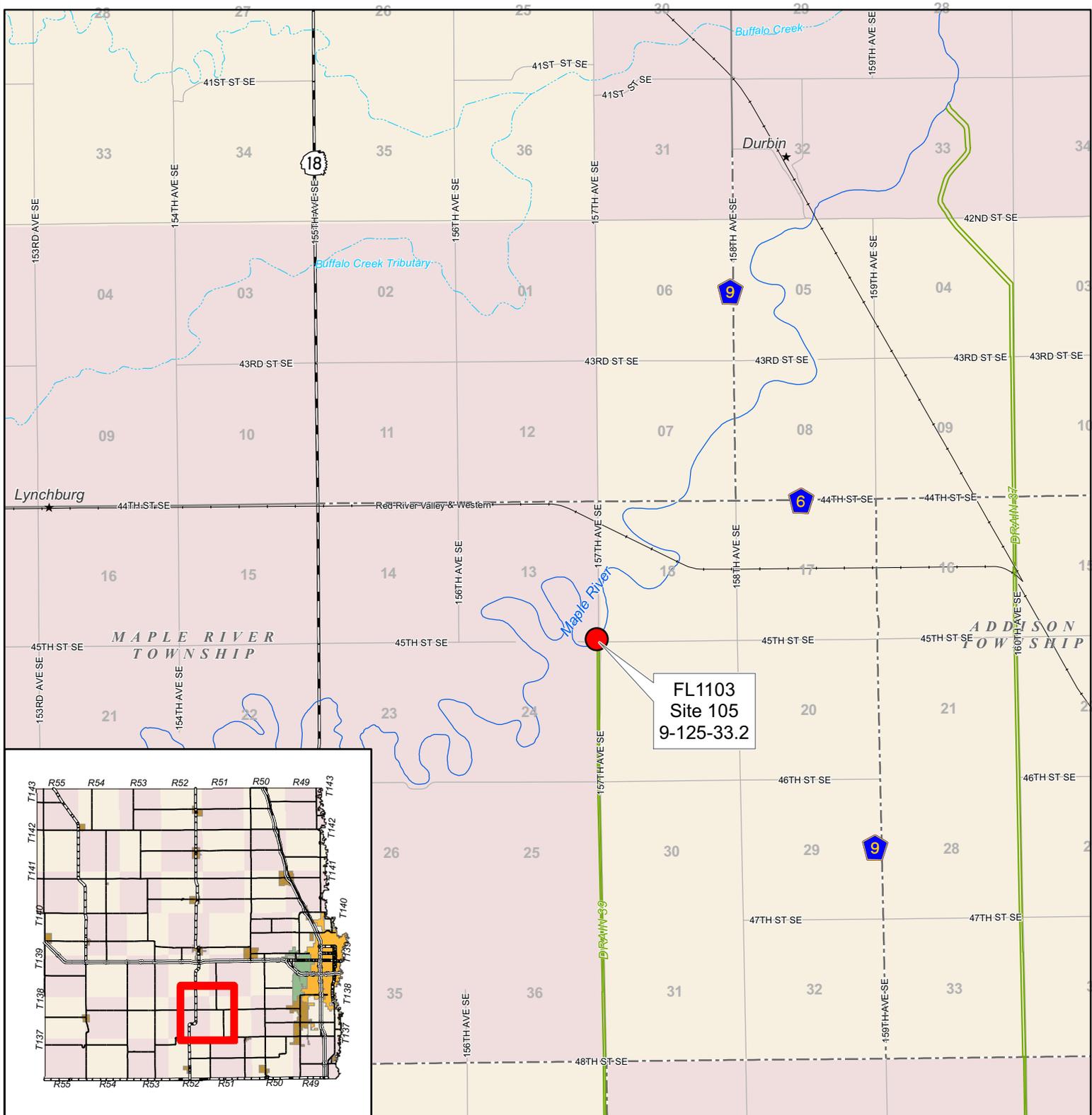
TITLE _____

DATE _____

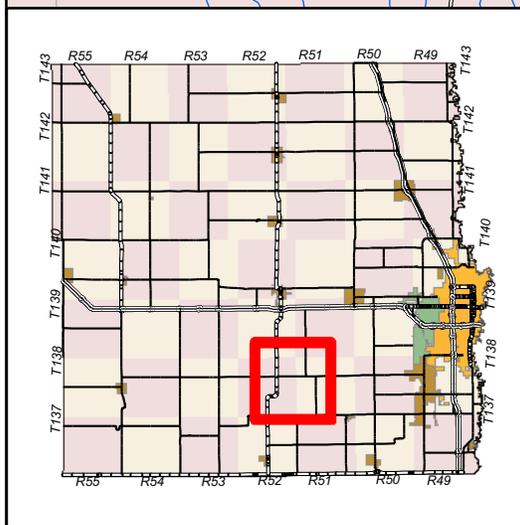
CASS COUNTY HIGHWAY DEPARTMENT

COUNTY PROJECT NUMBER FL1103 - FLOOD SITE 105

Section 13 MAPLE RIVER/18 ADDISON

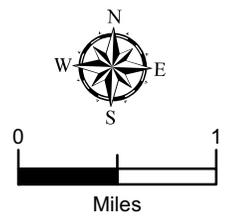


FL1103
Site 105
9-125-33.2



Prepared by
 Cass County Highway Dept.
 March 2012

- | | | |
|---|---|---|
|  Flood Sites |  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.

_____ EEO Affirmative Action Requirements
www.dot.nd.gov/divisions/civilrights/docs/affirmativeactionrequirements.pdf

_____ Prompt Payment – 46 CFR 26.29
www.dot.nd.gov/divisions/civilrights/docs/dbepromptpay20080118.pdf

_____ Davis-Bacon Wage and Payroll Requirements
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
For new locations the contractor shall complete and submit SFN 58466 -
MATERIAL SOURCE APPROVAL REQUEST

NDDOT or LPA witness

Date

Contractor Representative

Date