

**REQUEST FOR PROPOSAL
PROJECT NO. TB1207**

Page 1 of 4

Cass County is requesting bids for repairing the south steel deck beam and the adjacent concrete diaphragms and patching the SE wingwall of Bridge No. 129-01.0 located on the north line of Section 11-143-51 (Bell Township) over the Elm River. Location is approximately 4 miles west and 1 mile south of Grandin on 13th St. 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 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 (Sheets 3 & 4 of 4) shall be marked "Bid for Bell Bridge Repair". Payment, performance and bid bonds are not required.

CONSTRUCTION NOTES

Page 2 of 4

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

Bridge No. 129-01.0 consists of a single span bridge with a concrete deck, steel beams and concrete abutments.

The scope of this project shall include repairing the south steel deck beam using heat straightening, repairing the bearing at both ends of the beam, 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 and replacing 2 concrete intermediate diaphragms and patching under the concrete deck along the south side of the beam. Also, included is patching and bracing a crack at the SE 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.

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

Heat Straightening shall be per the USDOT Guide for Heat Straightening of Damaged Steel Bridge Members. The steel beam shall be returned to the original shape. Bid includes labor, equipment and access required. Also, includes welding a tear in the web.

Repair Concrete Intermediate Diaphragms shall include straightening and adding reinforcing as needed and patching the bottom of the concrete deck along the south side of the repaired steel beam.

Repair Wingwall shall include patching a crack at the SE wingwall and bracing same using C6x10.5x4' channels and 3/4" anchors at 2 locations across the crack and welding the adjacent channels at the corner.

Epoxy Injection shall be used at the gap between the top flange of the beam and the concrete deck - approximately 15 LFT and at the 2 intermediate diaphragms between the south 2 beams - approximately 10 LFT.

C6x10.5 Channels to be welded to the bottom flange of the southern 2 steel deck beams at the beam 1/4 points.

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

CASS COUNTY HIGHWAY DEPARTMENT

BID SCHEDULE - BRIDGE NO. 129-01.0 REPAIR

SECTION 2/11 BELL 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
602	001	Repair Concrete End Diaphragms	EA 2				
602	002	Repair Concrete Intermediate Diaphragms	EA 2				
602	003	Epoxy Injection	LS 1				
602	004	Repair Wingwall	LS 1				
622	005	Heat Straightening	LS 1				
622	006	Repair Bearing	Ea 2				
622	007	C6x10.5x8' Channel	Ea 3				
630	008	Cleaning and Painting	LS 1				
702	009	Mobilization	LS 1				
704	010	Traffic Control	LS 1				

TOTAL SUM BID = _____

NAME OF FIRM _____

AUTHORIZED SIGNATURE _____

TITLE _____

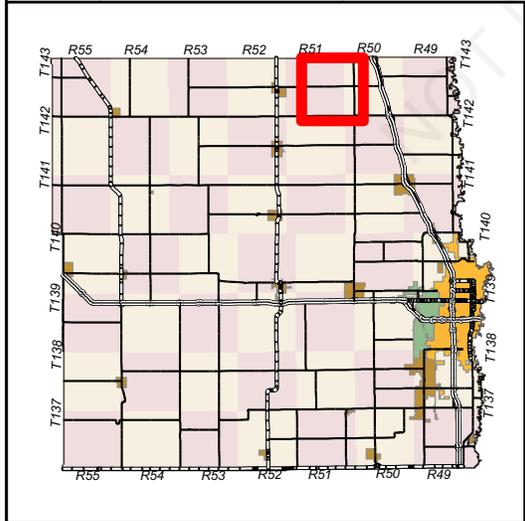
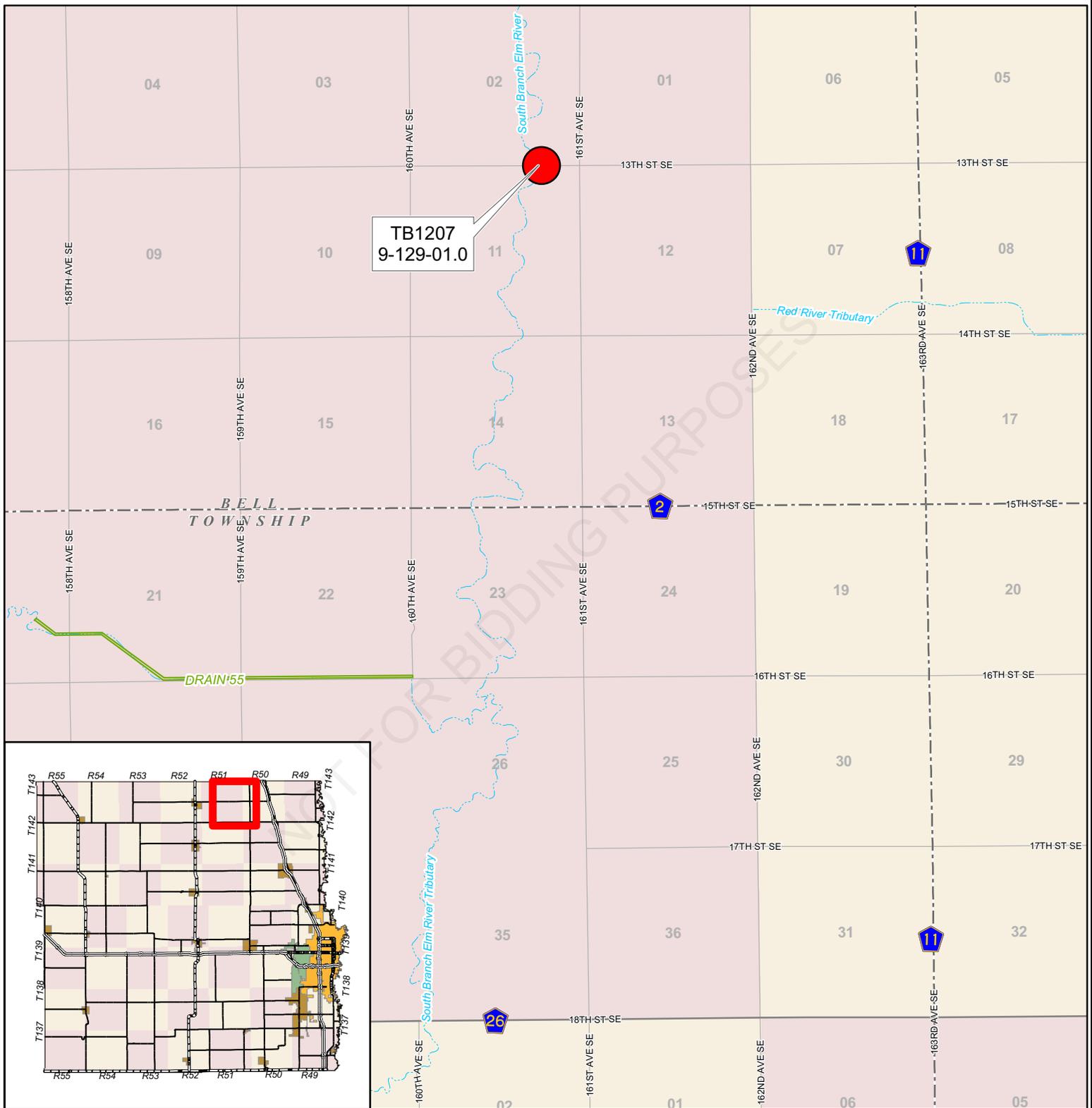
DATE _____

NOT FOR BIDDING PURPOSES

CASS COUNTY HIGHWAY DEPARTMENT

COUNTY PROJECT NUMBER TB1207 - STRUCTURE REPAIR

Sections 2/11 BELL TOWNSHIP



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

