



PROJECT PROSPECTUS

Part 1 — Project Request (Page 1 of 2)

Key Number: _____ Jurisdiction: _____

Section: SILVER CREEK SLOUGH (SILVER CR. ROAD) BRIDGE # 25A16 Region: 5 Area: SEACT AREA District: _____

AS Highway Name: _____ Mile Point From: 0.00 To: 0.05 Length: (mi) 05 (km) _____

City: _____ MPO: _____ Within UGR: Yes No County: HARNEY ROAD/STREET NAME: SILVER CREEK ROAD

Route No.: _____ NHS: YES NO HPMS: _____ FC: 07 Applicant (if other than State): HARNEY COUNTY

US Congressional District: 2 State Senate District: 30 State Representative District: 60

Cost Estimates (x \$ 1,000) Project Components Right Of Way

Preliminary Engineering \$49 Grading X Files (R) 2

Right Of Way \$15 Paving X Acres (R) 1

Utility Reimbursement Structures X Relocations (R) _____

Signaling Acquisitions (R) _____

Roadway \$51 Signals Easements (R) _____

Structures \$102 Illumination Work By: State / Consultant / Applicant

Signals \$0 Preliminary Engineering (S.C.A) C

Illumination \$0 Construction Engineering (S.C.A) C

Temp. Protection \$10 Right of Way Descriptions (S.C.A) C

Const. Contingencies \$32 Right Of Way Acquisitions (S.C.A) C

Const. Engineering \$29 Project Categories Constructed By

Remove Exist Bridge \$9 Environmental Class (1, 2, 3, PCE) 2 Contract County Force

Other \$13 Design Category (1-7) 7 State Force Other

Total CE and Construction: \$246 Work Type Code (1-13) 5 City Force CONSULTANT

Total Estimate: \$ 310 Primary STIP Work Type: _____

Recommended Let Date By Federal Fiscal Year (Quarter-Year): _____

PE Fund: _____ R/W Fund: _____ UR Fund: _____ CE-CN Fund: _____

PE EA: _____ R/W EA: _____ UR EA: _____ CE-CN EA: _____

Item Existing Proposed Define The Problem:

Travel Lanes (R) 2 2 The existing structure is structurally deficient with a sufficiency rating of 47.5. The width of the

Structures (R) 1 1 bridge is substandard

Signals (R) 0 0

Bike Way (R) N N

Average Daily Traffic 79 113

Year of ADT 2001 2021

Throughway Y/N

Describe Proposed Solution: - Attach Sketch Map

Replace with a 30 foot single span X 32 foot wide prestressed slab structure and install guardrail to meet standards. Widen approaches in order to accommodate a 32 foot wide structure.

Prepared By: X Date: _____ OTC Approval Date: _____ Program Year: _____ Funding Amount: _____



PROJECT PROSPECTUS

Part 1 Project Request (Page 2 of 2)

Key Number:

Jurisdiction:

Section: SILVER CREEK SLOUGH (SILVER CR. ROAD) BRIDGE # 25A16

Region:
5

Area:
SEACT AREA

District:
0

Project Justification

This timber structure originally was constructed in 1973 and serves as an important route for agricultural, recreational, and forest traffic. Bridge inspection reports indicate that rot was found in Bent 2 cap. Reports also indicate that splits are starting to occur in the girders, cap, and piles. These factors combined with the narrow width make it undesirable and unsafe for two-way traffic. Due to these conditions, Harney County has requested that Silver Creek Slough (Silver Creek Road) Bridge #25A16 be submitted for replacement under the OTIA III Program.

This project is consistent with the Department of Transportation's and Harney County's goal of replacing or rehabilitating deficient structures.

Silver Creek Slough (Silver Creek Rd.) Bridge # 25A16 is located in Sec 25, T23S, R27E, W.M.

Additional Information For Project Requested By Local Jurisdictions

Responsible Local Office To Be Contacted For The Following Activities:

- | | | |
|--|----------------|---------------|
| 1. Public Hearing /
Citizen Involvement | _____ (Office) | _____ (Phone) |
| 2. Environmental / Planning | _____ (Office) | _____ (Phone) |
| 3. Pre-Engineering | _____ (Office) | _____ (Phone) |

This Official Request is From:

City of: _____	and/or	_____ HARNEY County
By: _____	By:	KERRY LANDERS, ROADMASTER
By: _____	By:	_____
	By:	_____

Applicable Intergovernmental Agreements:

IGA Number:	Jurisdiction Name:	Agreement Date:
_____	_____	_____
_____	_____	_____
_____	_____	_____

Administrative Recommendation

Bridge Prospectus Cost Estimate

	NBIS Bridge No.		
Applicant:	HARNEY COUNTY	Region:	Area:
Project /	SILVER CREEK SLOUGH	5	NEACT AREA
Section	(SILVER CR ROAD) BRIDGE #		District: 0
New Bridge / Roadway Configuration:		Existing Bridge:	
Left Side Rail	30 feet	Bridge Length	25 feet
Left Sidewalk	feet	Bridge Width	24.5 feet
Shoulder	4 feet	Area	612.5 square ft.
Lane 2	feet		
Lane 1	12 feet	New AC Top Width	32 feet
---CL---	feet	New AC Depth	4 inches
Lane 1	12 feet	New Base Depth	12 inches
Lane 2	feet	Project Length	330 feet
Shoulder	4 feet	Net Road Work Length	300 feet
Right Sidewalk	feet	X-S Side Slope	1:3
Right Side Rail	30 feet	AC Avg Width	32 feet
		Base Avg Width	32 feet
Bridge Length	30 feet	Asphalt Density	140.63 pounds/ cu ft
Bridge Width	32 feet	Base Density	147.5 pounds/ cu ft
New Area	960 square ft.	New AC Received	240 tons
		New Base Required	704 tons
COST ESTIMATE:			
	Quantity	Unit	Price per unit
Right-of-Way	1.00	Acre	\$ 15,000
	==Roadway==		Cost (\$x1000s)
Clear & Grub	\$ 4,000	lump sum	\$4
Erosion Control	\$ 1,000	lump sum	\$1
General Excavation	100	cubic yards	\$ 10.00
Embankment in Place	200	cubic yards	\$ 20.00
Pavement Removal		square feet	\$ 9.00
Aggregate Base	704	tons	\$ 11.00
Asphalt Concrete	240	tons	\$ 36.00
Curb		feet	\$0
Sidewalk		feet	\$0
Riprap	100	cubic yards	\$ 52.00
Guardrail, Type 2A	150	feet	\$ 20.00
Guardrail, Type 3	50	feet	\$ 40.00
Guardrail Trans	4	each	\$ 1,700.00
Other		specify unit	\$0
Other		specify unit	\$0
Other		lump sum	\$0
Other		lump sum	\$0
Flared Terminals	4	each	\$ 1,800.00
		Subtotal Roadway	\$51
Structures	960	square feet	\$ 90.00
Bridge Rail	60	feet	\$ 95.00
Remove Existing Bridge	613	square feet	\$ 15.00
Other		specify unit	\$0
Other		specify unit	\$0
Detour		lump sum	\$0
Const. Survey Work	\$ 10,000	lump sum	\$10
		Subtotal Structures	\$111

Bridge Prospectus Cost Estimate

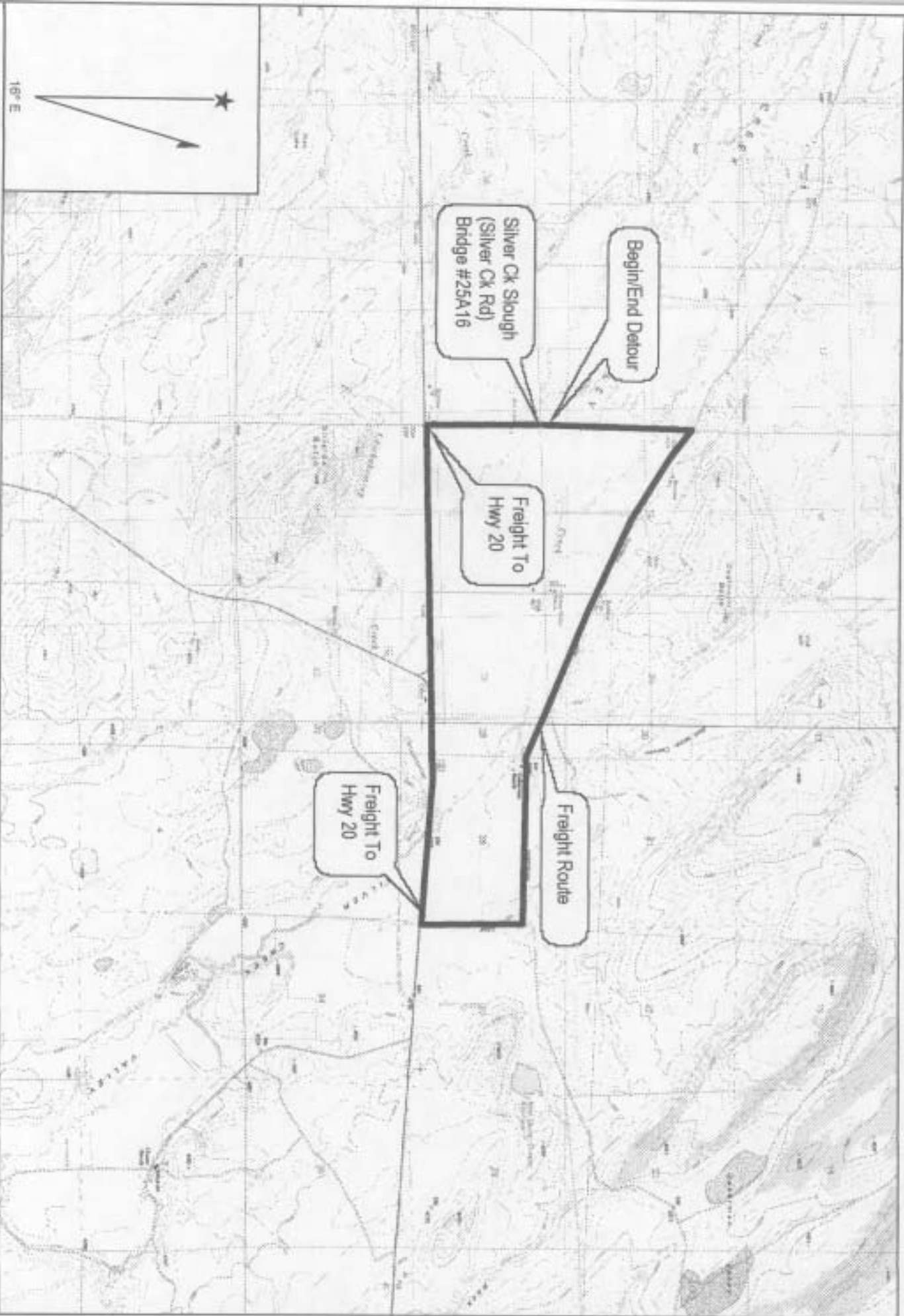
Applicant:	HARNEY COUNTY	NBIS	
Project /	SILVER CREEK SLOUGH	Bridge No.	
Section	(SILVER CR ROAD) BRIDGE #	Region:	Area:
		5	NEACT AREA
			District:
			0
Mobilization	8	percent of (Roadway + Structure)	\$13
Signals		lump sum	\$0
Illumination		lump sum	\$0
Temporary Protection	\$ 10,000	lump sum	\$10
Detour Route		feet	\$0
Other		specify unit	\$0
Other		specify unit	\$0
Other		lump sum	\$0
Other		lump sum	\$0
Mobilization & Traffic			\$23
Subtotal Construction			\$185
==Engineering==			
Construction Engineering	18	percent of (Roadway + Structure)	\$29
Contingency	20	percent of (Roadway + Structure)	\$32
Subtotal Const. Eng.			\$62
Preliminary Engineering			
Consultant	28	percent of (Roadway + Structure)	\$45
State		percent of (Roadway + Structure)	\$0
County	2	percent of (Roadway + Structure)	\$3
Subtotal PE			\$49
Total Estimate			\$310

Bridge Project Prospectus Additional Bridge Information

Applicant: HARNEY COUNTY		NBIS Bridge Number: 0						
Project Name / Section: SILVER CREEK SLOUGH (SILVER CR. ROAD) BRIDGE # 25A16		Region: 5	Area: SEACT AREA	District: 0				
Funding Preferred Source: <input checked="" type="checkbox"/> OTIA III <input type="checkbox"/> Federal HBRR Acceptable Source: <input checked="" type="checkbox"/> OTIA III <input checked="" type="checkbox"/> Federal HBRR		Heavy Vehicle Usage <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Existing</td> <td style="text-align: center;">Proposed</td> </tr> <tr> <td>Truck AADT: <input style="width: 50px; text-align: center;" type="text" value="4"/></td> <td><input style="width: 50px; text-align: center;" type="text" value="6"/></td> </tr> </table> Fire Truck Usage: <input type="checkbox"/> YES, at least 25% of trips use bridge. <input checked="" type="checkbox"/> No. Less than 25% of trips	Existing	Proposed	Truck AADT: <input style="width: 50px; text-align: center;" type="text" value="4"/>	<input style="width: 50px; text-align: center;" type="text" value="6"/>	Detour Detour Route: Length: <input style="width: 50px;" type="text" value="Dead End"/> Map: (Please attach map)	
Existing	Proposed							
Truck AADT: <input style="width: 50px; text-align: center;" type="text" value="4"/>	<input style="width: 50px; text-align: center;" type="text" value="6"/>							
Regional Freight Corridor Analysis: No posted bridges on detour or freight corridor. SEE DETOUR/CORRIDOR MAP								
Special Consideration:								







Name: RILEY

Date: 10/12/2003

Scale: 1 inch equals 4000 feet

Location: 043° 32' 38.74" N 119° 30' 26.49" W