

Fargo-Moorhead Metropolitan Flood Risk Management Project

Industry Day - Railroad Construction Opportunities

June 27, 2012



US Army Corps of Engineers
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Design details are preliminary and may change. The information presented is provided for general overview and discussion purposes only.

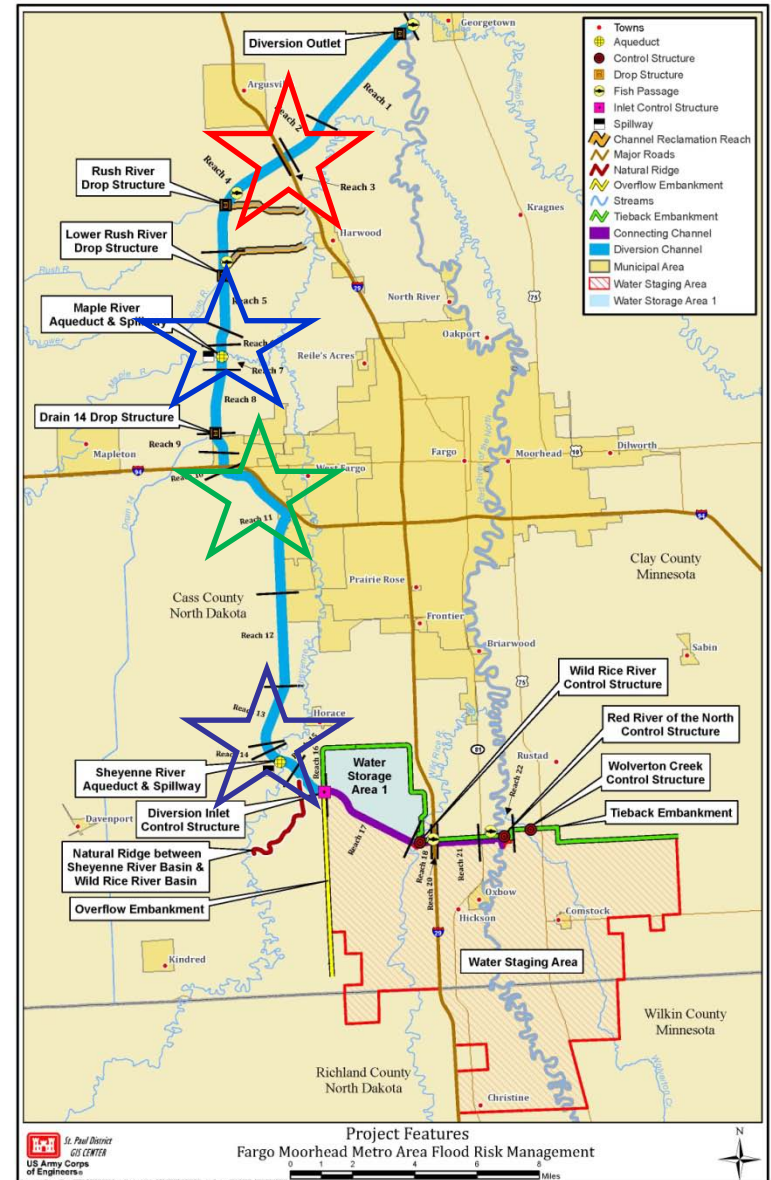


Presentation Overview

- ✓ Locations
 - ✓ Design Reach 3: Hillsboro Bridge
 - ✓ Design Reach 6: Prosper Subdivision
 - ✓ Design Reach 9: K.O. Subdivision
 - ✓ Design Reach 14: RRV&W RR/4th Subdivision
- ✓ Background and Current Status of Design Reach 3
- ✓ Design Reach 3 Unique Features

Overall Map

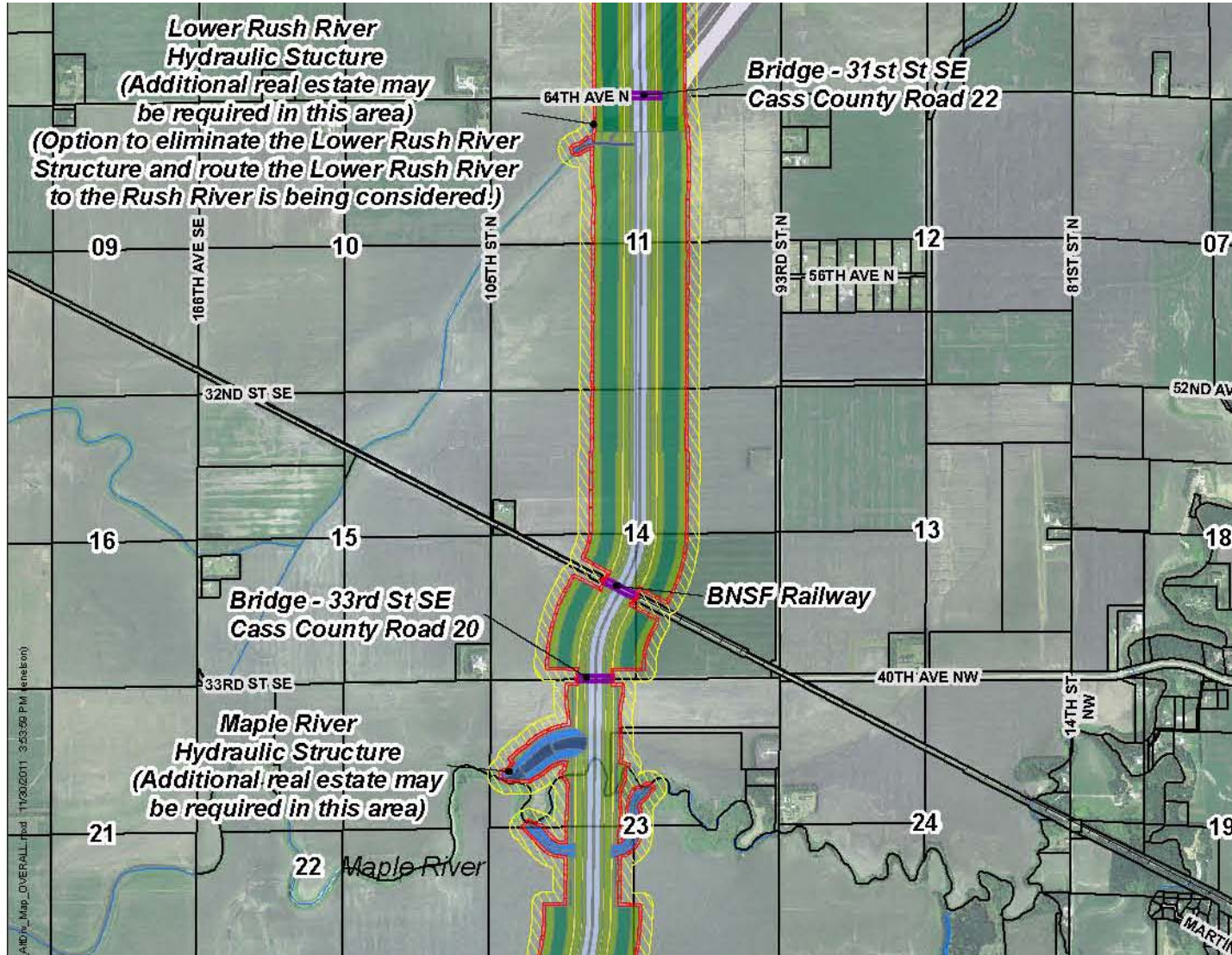
- ✓ Design Reach 3
- ✓ Design Reach 6
- ✓ Design Reach 9
- ✓ Design Reach 14



Map of Design Reach 3



Map of Design Reach 6



Map of Design Reach 9



Map of Design Reach 14



Preliminary Bridge Lengths and Grade Raises

Structure	Station (ft.)	Assume Bridge Opening (ft.)	Road/Rail Raise (ft.)
Co Rd 81	31003	520	8.1
Hillsboro Subdiv RR	31166	500	8.9
I-29 North Bound	31378	520	8.0
I-29 South Bound	31489	520	7.9
Prosper Subdiv RR	66113	550	2.2
K.O. Subdiv RR	86485	560	1.2
Co Rd 14	142773	560	0.0
RRV&W RR	143050	560	0.0

Design Reach 3 Background

- ✓ Design Reach 3 consists of four parallel bridges
 - ✓ I-29 North and South bound
 - ✓ Burlington Northern Santa Fe Railroad
 - ✓ County Road 81
- ✓ Work Includes
 - ✓ Bridges on channel
 - ✓ Channel excavation
 - ✓ Grade raises for bridge approaches
- ✓ Roadways are currently within a space of about 500 feet

Current Status of Design Reach 3

- ✓ Early stages of design
- ✓ Local Sponsor designing interstate and county bridges
- ✓ Burlington Northern Santa Fe (BNSF) Railway to hire bridge designer for railroad bridge



Unique Features - Design Reach 3

- ✓ Local Sponsor will issue construction contracts
- ✓ Currently considering combining 4 bridges (including grade raises and channel) into 1-2 Local Sponsor construction contracts
- ✓ Railroad bridge construction will require experienced railroad contractors and some track work by BNSF



Unique Features – Design Reach 3

- ✓ Highway bypasses and railway shoo-fly will be required
- ✓ Channel length for Design Reach 3 determined by amount of fill required for grade raises and bypasses
- ✓ Three construction seasons estimated for completion



Questions?

