Potential Borrow Area

Road Raise

Floodwall Alignment

Transportation Closure Structure

Direction of Diverted Flow

High Flow Diversion

Overbank Excavation

Interior Ponding Areas

Road Raise

Areas of Reduced Flood Risk

Inundated in Design Flood (27,400-cfs)

Project Limits (1)

Bridge Modification

Centerline of Existing Federal Project Feature

Critical Transportation Route (Road Remains Open During Flood Event)

Pump Station (Existing)

Pump Station (New)

High Water Marks

USACE Permanent ROW (Existing)

Property Parcel

City Limit

10 Foot Contour

2 Foot Contour

Mouse River

79th Ave Bypass Bridge

High Flow Markers

1,541.5 ft

1,540.6 ft

1,540.3 ft

Vertical Datum: NGVD29

Coordinate System: NAD83, North Dakota State Plane Coordinate System, North Zone

Footnotes:

(1) Note: Project limits represent approximate right-of-way required for operation and maintenance of the preliminary flood risk reduction features. Features generally included within the limits are levees, floodwalls, pump stations, piping and gate wells, high-water marks, river closures, overbank excavations, erosion control measures, vegetation clearing, channel realignments, overbank excavations, transportation closure structures (including diverts), road and railroad closures, bridges, and other structures. All project limits are for preliminary planning purposes and do not represent legal or survey boundaries.

Preliminary Engineering Report

February 29, 2012

Mouse River Project

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