

## **Fargo-Moorhead Metropolitan Feasibility Study**

### **Important Questions/Decisions for Local Decision Makers**

All items need to be completed by March 24, 2010

- 1) Letters supporting the recommended plan from potential project sponsors will be needed before March 24, 2010.
- 2) What is a tolerable level of flood risk to the communities?
  - a. Willingness and ability to perform emergency flood fighting with or without a permanent project?
  - b. Financial capability to provide non-federal cost share?
- 3) Who will pay for the construction, operation and maintenance of this project?
  - a. How will the costs be distributed?
  - b. Who will be the local sponsors (two maximum)?
    - i. States?
    - ii. Counties?
    - iii. Cities?
    - iv. Special joint powers arrangement?
- 4) Will there be a request for a locally preferred plan? (NOTE: any locally preferred plan must be economically justified (B/C greater than 1.0) for federal participation, but it could be higher or lower cost than the NED plan. Requests must be approved by the Assistant Secretary of the Army for Civil Works.)
  - a. If levee, written request is needed ASAP.
  - b. If diversion, written request is needed by December 15.
  - c. Federal costs for a locally preferred plan are limited to 65% of the NED plan or 65% of the locally preferred plan, whichever is less- see details on back.
- 5) How would a MN Diversion plan be implemented?
  - a. What are the local concerns?
  - b. Is a joint Powers Agreement necessary?
  - c. Local consensus must be developed.
- 6) How would a ND Diversion plan be implemented?
  - a. What are the local concerns?
  - b. Is a joint Powers Agreement necessary?
  - c. Local consensus must be developed.
- 7) How would a levee plan be implemented?
  - a. What are the local concerns?
  - b. Is a joint Powers Agreement necessary?
  - c. Local consensus must be developed.

Alternative	Cost *	Net Benefits *	B/C Ratio	Cost Distribution **	
				Non-Federal *	Federal *
Levee 2% chance (50-year)	840,000	-5,330	0.88	420,000	420,000
<b>Levee 1% chance (100-year)</b>	902,000	<b>7,673</b>	<b>1.17</b>	<b>451,000</b>	<b>451,000</b>
MN Long Diversion 25K	1,055,000	<b>5,596</b>	<b>1.10</b>	<b>429,700</b>	<b>625,300</b>
MN Long Diversion 35K	1,260,000	<b>266</b>	<b>1.00</b>	<b>634,700</b>	<b>625,300</b>
MN Long Diversion 45K	1,459,000	-8,283	0.89	833,700	625,300
<b>MN Short Diversion 25K</b>	<b>962,000</b>	<b>11,025</b>	<b>1.22</b>	<b>336,700</b>	<b>625,300</b>
<b>MN Short Diversion 35K</b>	1,092,000	<b>9,424</b>	<b>1.17</b>	<b>466,700</b>	<b>625,300</b>
<b>MN Short Diversion 45K</b>	1,264,000	<b>2,501</b>	<b>1.04</b>	<b>638,700</b>	<b>625,300</b>
<b>ND East Diversion 35K</b>	1,337,000	-3,108	0.95	711,700	625,300
ND West Diversion 35K	1,363,000	-4,426	0.94	737,700	625,300
ND West Diversion 45K	1,439,000	-6,718	0.91	813,700	625,300

\* In thousands

\*\* Assumes MN Short Diversion 25K is NED plan. Only plans with a B/C Ratio above 1.0 can be a Locally Preferred Plan