



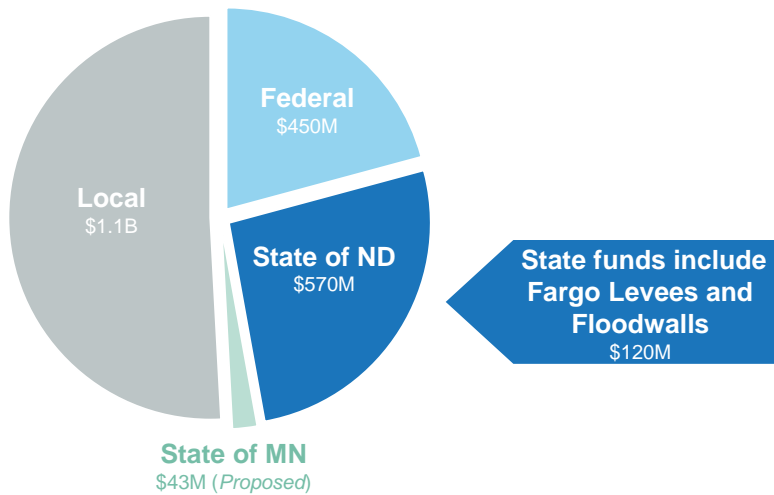
## Presentation to: ND Senate Appropriations Committee

Presented By:

Tony Grindberg, Fargo City Commissioner, Diversion Authority Board Member

March 16, 2017

## Fargo/Cass 100-Year Flood Protection Needs Cost estimate: \$2.2 Billion



## State Funding Requirements (HB1020 - 2013)

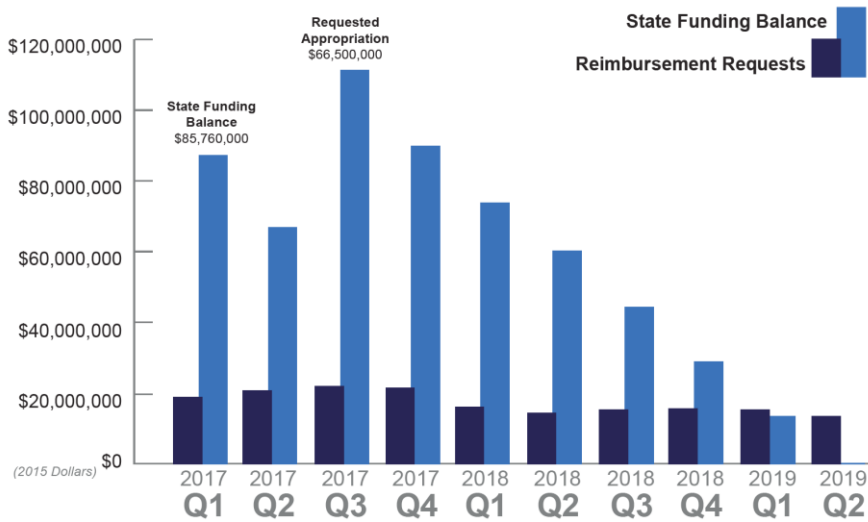
- ▶ State commitment for \$450M towards the federal project
  - ▶ \$275M over four biennium (~\$69M a session)
  - ▶ Allowed for land acquisition (but not homes), construction, and 10% on professional fees
  
- ▶ Diversion Authority has met all legislative requirements
  - ✓ Federal Authorization received
  - ✓ Project Partnership Agreement executed
  - ✓ Federal Appropriation for construction provided
  - ✓ Budget approved by NDSWC
  - ✓ No construction south of Fargo until July, 2014

## State Commitment By the Numbers

- ▶ \$66.5M in Governor's budget for 2017

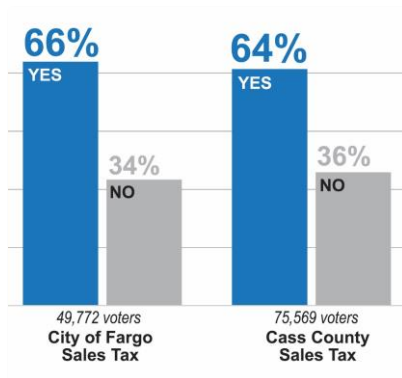
	Biennium	Flood Control	Interior	Total
<b>Overall Intent</b>		\$450M	\$120M	\$570M
<b>Approved (thru 2015)</b>	2009-2011	\$45M	-	\$45M
	2011-2013	\$30M	-	\$30M
	2013-2015	\$100M	-	\$100M
	2015-2017	\$69M	\$60M	\$129M
<b>Future Intent (per 2015 legislation)</b>	2017-2019	\$51.5M	\$15M	\$66.5M
	2019-2021	\$51.5M	\$15M	\$66.5M
	2021-2023	\$51.5M	\$15M	\$66.5M
	2023-2025	\$51.5M	\$15M	\$66.5M
<b>Total Approved and Future Intent</b>		<b>\$450M</b>	<b>\$120M</b>	<b>\$570M</b>

## 2017-19 Forecasted State Funding Balance



## Local Commitment Secured

- ▶ Voters approved sales tax extensions (Nov. 2016)
  - ▶ 3 sales taxes extended until 2084
- ▶ Covers local cost-share of \$1.1 Billion
- ▶ Sales tax, combined with special assessment district backing, provides for long-term financing stability



## Federal Commitment Secured

- ▶ Congressional Authorization Received (June 2014)
- ▶ Project Partnership Agreement signed (July 2016)
  - ▶ Commits \$450 Million in federal funding to the Project



## Construction Underway

Over \$200 Million spent through town on levees/floodwalls



## Progress to Date

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**19**  
miles

Permanent levees  
built in Fargo

**700+**  
homes

In flood-prone  
areas removed

## 100-Year Flood Protection Still Needed

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**11,000**  
homes

impacted by future  
FEMA floodplain

**\$3,000-**  
**\$5,000**  
per family

Average annual flood  
insurance premium per home

**~\$30**  
to **\$50**  
million

In total, annual  
citywide flood  
insurance premiums

## Federal Construction has Begun

### ► Diversion Inlet Control Structure

- ▶ ~\$50M Contract Award by USACE to Ames Construction
- ▶ Gated control structure that will control the amount of water that enters the diversion channel from the upstream staging area.
- ▶ Features three 50-foot wide radial arm flood gates
- ▶ Located South of Horace, ND
- ▶ Construction has started
- ▶ Complete in 2020

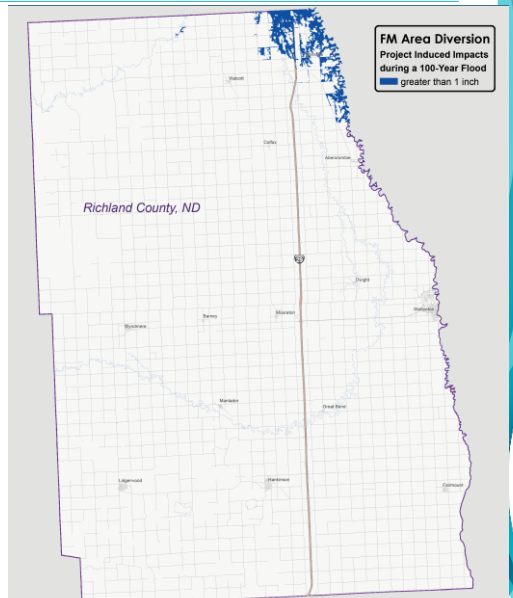


## Richland County Impacts (USACE 100-year flood)

- ▶ Over last 100-years, Diversion would have operated only 11 times for a total of 69 days
- ▶ 6,300 acres impacted, 42% of which are in existing FEMA floodplain
- ▶ Five residential structures would be impacted
- ▶ Additional flooding would be 2-3 days (100-year flood)

### MITIGATION

- ▶ Landowners will be compensated
- ▶ Development can continue



## Wilkin County Impacts (USACE 100-year flood)

- ▶ Over last 100-years, Diversion would have operated only 11 times for a total of 69 days
- ▶ 3,443 acres impacted, 46% of which are in existing FEMA floodplain
- ▶ Six residential structures would be impacted
- ▶ Additional flooding would be 2-3 days (100-year flood)

### MITIGATION

- ▶ Landowners will be compensated
- ▶ Development can continue

