

April 13, 2022,

## **WSF 2022 Annual Report #5253**

### **DMR Section 205 Flood Reduction Project**

#### **Project Progress**

This is the third annual report. This report covers all activity from April 2021-April 2022. The building of the concrete flume by Dr. Admiraal and the UNL engineering department was completed. Initial test runs were completed to simulate storm events, and the COE is currently having UNL run additional tests as they finalize their flume design. The COE is currently incorporating FYRA's modeling efforts and is finalizing the hydrologic and hydraulic numerical modeling of the DMR project. Currently awaiting the COE final flume design and final project configuration.

The COE completed their field survey of DMR, and is currently designing the channel from 48<sup>th</sup> Street to Cornhusker Hwy. The COE's 65% Design is anticipated to be completed summer of 2022. Land rights acquisition maps can be prepared after this.

#### **Local Sponsor Progress**

FYRA Engineering has completed the modeling of the detention basin and determined it is no longer needed, and the COE has reviewed. Currently waiting for the COE to finalize the modeling of the DMR project and provide 60% plans and specifications for the sponsors review mid-2022. Land rights are expected to begin in late 2022 and 2023. WSP continues to design the three bridges, 33<sup>rd</sup> street, Huntington St bridge on UNL East campus, and the 48th street bridge. The LPSNRD and City of Lincoln has begun discussions with the Railroad Transportation Safety Districts (RSTD), to coordinate efforts with their 33<sup>rd</sup> & Cornhusker Project.

**2022-2023 WSF Budget**

Design and construction of 48 <sup>th</sup> St, 38 <sup>th</sup> Street, Bridges =		\$1,800,000.00
Land right acquisitions	=	\$ <u>200,000.00</u>
	<b>Total</b>	<b>\$2,000,000.00</b>

WSF portion of local dollars for next year is  $\$2,000,000.00 \times 60\% = \$1,200,000.00$

Submitted by Mike Murren *Michael J. Murren* *sent* 4/13/22