



Grant All-Detail Report Disaster Relief 2016

Grant Title - 2014 - Minnesota Flood Relief Grant Phase 3A (Warroad WD)

Grant ID - P16-6908

Organization - Warroad WD

Original Awarded Amount	\$414,000.00	Grant Execution Date	5/23/2016
Required Match Amount	\$0.00	Original Grant End Date	12/31/2018
Required Match %	0%	Grant Day To Day Contact	Scott Johnson
Current Awarded Amount	\$414,000.00	Current End Date	12/31/2018

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$414,000.00	\$346,500.90	\$67,499.10
Total Match Amount	\$0.00	\$0.00	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$414,000.00	\$346,500.90	\$67,499.10

**Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.*

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Construction Contingencies	Agricultural Practices	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Warroad WD)	\$55,200.00			N
Design and Project Development	Technical/Engineering Assistance	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Warroad WD)	\$82,800.00	\$116,788.90	12/31/2019	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Project Construction Costs	Streambank or Shoreline Protection	Current State Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Warroad WD)	\$276,000.00	\$229,712.00	10/1/2019	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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Final Indicators Summary

Indicator Name	Total Value	Unit
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Grant Activity

Grant Activity - Construction Contingencies	
Description	Construction Contingencies
Category	AGRICULTURAL PRACTICES
Start Date	End Date
Has Rates and Hours?	No
Actual Results	

Grant Activity - Design and Project Development

Description	Project Design, Engineering, Permitting, Project Development and Admin30%		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	31-May-16	End Date	31-Dec-20
Has Rates and Hours?	No		
Actual Results	<p>Work included site visit, LiDAR data download, preparation of contour maps, collection of box culvert data for existing channel design, preparation of preliminary hydraulic model, development of Hydrologic peak flow data, and DNR coordination. Coordination of survey work on historic natural channel, coordination with property owners, DNR Area Hydro and walked through river corridor, locate channel alignment with data points, photograph channel typical sections. Detailed site survey of original channel, roadway ditch channel, fly drone through project corridor for alignment needs and site documentation for permitting, Updating project schedule, review grant conditions, coordination with BWSR on wetland report. preparation of geomorphic stream typical section/slope/sinuosity to base final design. Environmental prep channel details and sections for DNR review, Design PSE review channel concepts. Preliminary plans/ designs to DNR for review and comment. Survey coordination of field work, additional channel cross sections as requested by DNR for permitting conditions. 2018 work included - legal descriptions of existing parcels. Preparation of parcel map, initiate right of way limits, preparation of easements. Coordination of permits, coordination with MnDNR; Design plans and specifications-finalizing construction plans and bid documents. Coordination with DNR waters to review final plan. Construction Administration- discussions with contractors, bidding process execute bid opening process with WRWD board, MPCA stormwater runoff permit, develop a drone recording of project corridor, coordination with Contractor on final quantities and final payment. Prepare record drawings reflecting constructed details, and coordination with District Board. Diversion Structure and Ditch Repairs- analyze ditch, washout issues after high water conditions, develop a concept to stabilize the site, coordination with the Board and BWSR, and initiate details and plans for construction.</p>		

Grant Activity - Project Construction Costs

Description	Diversion Structure Grade Control Structures Earthwork Clearing & Snagging Channel Permanent Turf, Erosion Control and Bioengineering Related Construction Incedentals		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	31-May-16	End Date	31-Dec-19
Has Rates and Hours?	No		
Actual Results	Mobilization of equipment, Clearing, Topsoil removal, channel and embankment borrow, stabilization methods, and water control. Warroad River West Branch Restoration project is currently on schedule and expected to be completed in the summer of 2019. Current completed construction items/activities include the complete original channel excavation, which restored the Warroad River West Branch back to its original channel grade. Riprap was also installed at the outlet of the original channel that was excavated to add stabilization where the original channel meets the existing channel. Prior to the excavation of the original channel clearing of trees and brush was completed along the channel. Post channel excavation the cleared areas were cleared of larger debris from the clearing operations and was then dormant seeded and mulched prior to winter. To be completed in the spring/summer of 2019 is the diversion structure in the existing channel to divert the water into the original river channel, this includes the placement of the common borrow embankment in the existing channel, the sheet pile and cap installation, riprap around the sheet pile structure and final seeding and clean up items that remain after all construction items are completed.		

Grant Attachments

Document Name	Document Type	Description
2014 DR-4182 Flood Relief Phase 3A	Grant Agreement	2014 DR-4182 Flood Relief Phase 3A - Warroad WD
2014 DR-4182 Flood Relief Phase 3A Amendment Executed	Grant Agreement Amendment	
2014 DR-4182 Flood Relief Phase 3A executed	Grant Agreement	2014 DR-4182 Flood Relief Phase 3A - Warroad WD
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/15/2020
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2017

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/09/2019
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/04/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/23/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/31/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/24/2019
Amendment	Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Warroad WD)
DRAP Project List	Grant	2014 - Minnesota Flood Relief Grant Phase 3A (Warroad WD)
Extension Request	Journal	Journal Dated - 12/20/2017
Extension Request #2	Grant Agreement Amendment	
Unexecuted Grant Amendment #2	Grant Agreement Amendment	