

CITY OF SHAWNEE
2016 - 2021 CAPITAL IMPROVEMENT PLAN
Project Summary

General Information

Project Title:

Nieman Road Corridor South: Turkey Creek Tributary (FINAL PLANS _ VERTICAL WALLS - NEW ALIGNMENT) WITH BRIDGE & TRAILS

Project History & Work Description:

The drainage sub-watershed along the Turkey Creek Tributary immediately north of Shawnee Mission Parkway and east of Nieman Road has a long history of flooding adjacent homes, businesses and streets in large storm events. The Northeast Johnson County Watershed Study completed by Johnson County in 2006 identified numerous homes, businesses, and streets flooding in this area. The existing system is undersized and inadequate and is contributing to the flooding of ten (10) homes and two streets. The proposed project will include removal of FIVE (5) homes, installation of approximately 1500 LF of concrete lined channel, street improvements on 62nd Street and channel improvements approaching the 7-cell box culvert under Shawnee Mission Parkway. Pedestrian Bridge & Trail. ENCLOSE WEST TRIB connection and raise Stag's Creek Walls 3.5 -7 feet. AS BID - Removed M&O on 62nd St, double RCB vs Conspan & 48-inch handrail throughout.

Project Details:

Project Category: Stormwater Drainage Original Request Year: _____
 Department: Development Services Proposed CIP Year: _____
 Project Number: 3400 - Nieman Road Corridor South Previous CIP Year: _____
 Companion Project Name: Nieman Rd Corridor - Middle & North. Companion Project No.: _____
 Relation to Companion Project: _____

Project Financing <i>Estimated Expenditure Schedule</i>			Funding Sources			
Description	2016	Total	Description	2016	Total	
Right-of-Way	\$ 884,860	\$ 884,860	General Fund	\$ -	\$ -	
Construction	\$ 3,952,500	\$ 3,952,500	Debt	\$ -	\$ -	
Legal	\$ 21,000	\$ 21,000	Benefit District	\$ -	\$ -	
Engineering	\$ 653,000	\$ 653,000	County CARS	\$ -	\$ -	
Miscellaneous / Utility	\$ 149,000	\$ 149,000	County SMAC	\$ 1,699,922	\$ 1,699,922	
Equipment	\$ -	\$ -	Special Revenues - Pipes	\$ 1,579,100	\$ 1,579,100	
Contingencies	\$ 18,662	\$ 18,662	State / Federal / CDBG	\$ -	\$ -	
Administration	\$ -	\$ -	Other - Bonding, Benefit District, Econ Development	\$ 2,400,000	\$ 2,400,000	
Financing	\$ -	\$ -	Special Revenue	\$ -	\$ -	
Total Cost	\$ 5,679,022	\$ 5,679,022	Total	\$ 5,679,022	\$ 5,679,022	

Reasons:

This project was included on the CIP because this storm drainage system is inadequate and there has been documented flooding along this tributary to the Turkey Creek for ten homes and two streets. Project funded through SMAC and Parks & Pipes Sales Tax Fund.

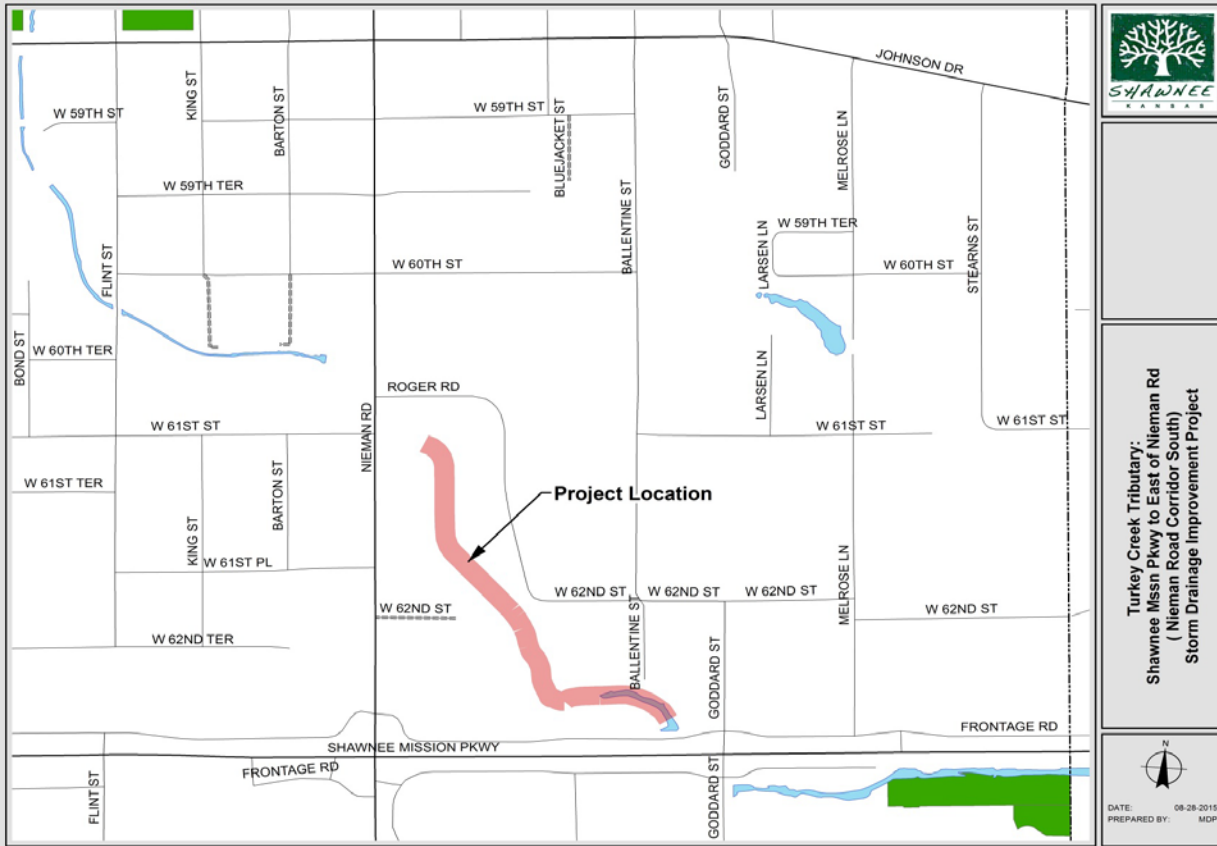
Impact on Operating Budget:

The initial City share for this improvement will be paid for out of Parks & Pipes Special funds. This area of drainage will be improved so additional City maintenance costs will be minimal for several years. Maintenance costs below are based on cleaning the channel every 5 years.

Budget Year	2017	2018	2019	2020	Total
Maintenance Cost	\$ -	\$ -	\$ -	\$ -	#REF!

Location Map and Photos

Location Map:



Project Photos:



Prepared By:

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Date:

August 28, 2015