FY 2016-2020

IMPROVEMENT PROGRAM

DRAFT 02/02/16

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Cover Page: Southbound View of Main Street

CAPITAL IMPROVEMENTS

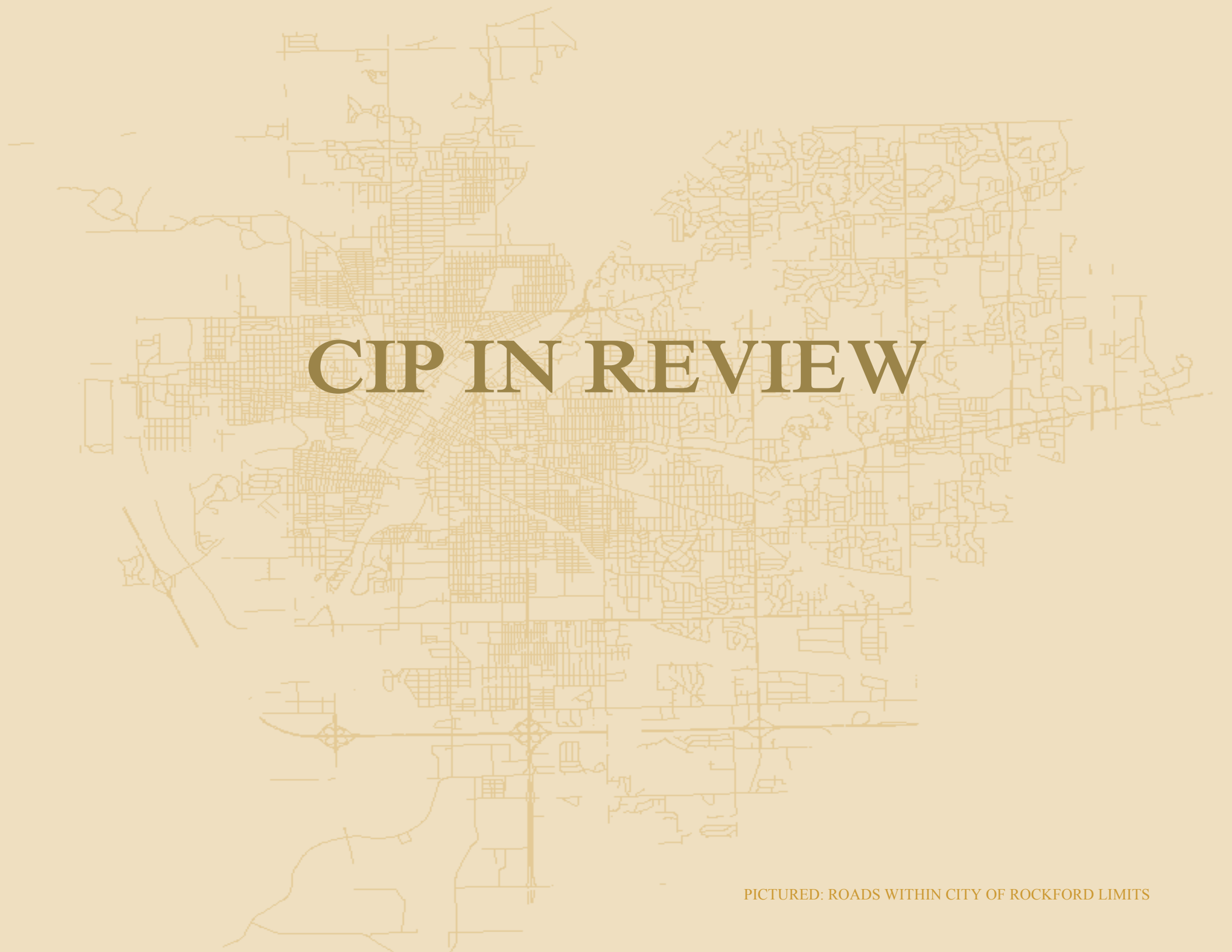
Presented in these pages is the City of Rockford's Fiscal Year 2016-2020 Capital Improvement Program, a comprehensive Program of infrastructure investment throughout the City. The tenets that have shaped this Program continue to be our core values of enhancing public safety, maintaining and improving the movement of commerce and economic activity throughout the City, and promoting a sense of well-being for the community as a whole. Some areas of emphasis that are apparent through this document include a continued investment into the City's 200+ miles of arterial and collector streets, prioritization in replacing or repairing load-posted highway structures, applying significant funds to improve our stormwater system, and the programming of regular maintenance activities to prolong the life of our infrastructure. In further detail, the Capital Improvement Program is subdivided into the following categories, each of which is a chapter in this book:

1. Neighborhood Program
2. Capital Roadway Improvement Program
3. Highway Structure Repair and Replacement
4. City-Wide Drainage and Stormwater
5. Sidewalk and Multi-Use Path Program
6. Capital Lighting and Traffic Signals
7. Project Development
8. Special Projects

Prior to the detail of the Program the book contains chapters on revenues sources, a look back at the 2015 Capital Improvement Program in review, and the highlighting of 9 major projects in the City with detailed breakdowns and proposed schedules.

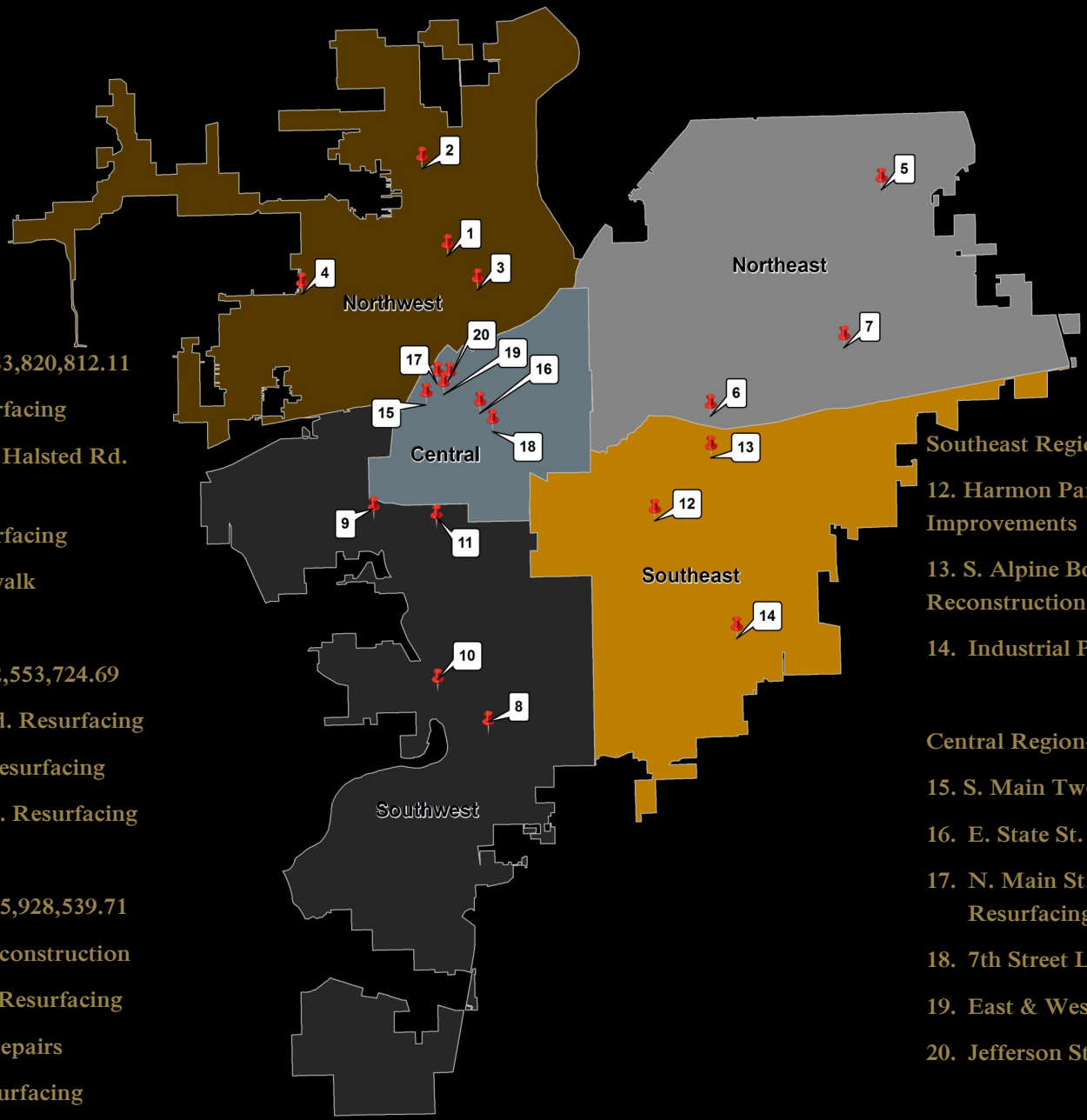
Also included in the book is the Fiscal Year 2016-2020 Water Improvement Program, which outlines the investments the Water Division will be making in its infrastructure over the same period and highlights major projects and initiatives.

CIP IN REVIEW



PICTURED: ROADS WITHIN CITY OF ROCKFORD LIMITS

Since the 2007 1% Sales Tax Referendum was approved by voters (renewed in 2011), $124 million in sales tax revenues have been directly invested into improving Rockford's infrastructure. The annual revenue of approximately $16 million allows the City to use cash for funding , avoiding debt service and allowing 100% of the available funds to go directly into projects. The referendum has been an enormous success for the City, allowing for over 137 miles of City streets to be resurfaced or reconstructed, providing for a greater investment into improving our arterial street and neighborhood street network, giving us the ability to target funds toward our City-owned load-posted structures, and permits us to make improvements in pedestrian access throughout the City. The City will be asking voters to renew the 5-year referendum during the March 2016 State-wide election. Below is a representation of our 2015 construction project investments, organized into the corresponding City Planning Areas as depicted in the 2020 Comprehensive Plan.



Northwest Region - $3,820,812.11

1. Ridge Ave. Resurfacing
2. Rockton Ave. & Halsted Rd. Intersection
3. Auburn St. Resurfacing
4. Auburn St. Sidewalk

Northeast Region- $2,553,724.69

5. Spring Brook Rd. Resurfacing
6. N. Alpine Rd. Resurfacing
7. Featherstone Rd. Resurfacing

Southwest Region- $5,928,539.71

8. Airport Drive Reconstruction
9. Marchesano Dr. Resurfacing
10. Buckbee Creek Repairs
11. Seminary St. Resurfacing

Southeast Region- $3,902,441.44

12. Harmon Park Drainage Improvements
13. S. Alpine Box Culvert Reconstruction
14. Industrial Park Resurfacing

Central Region- $11,879,996.64

15. S. Main Two-Way Conversion
16. E. State St. Resurfacing
17. N. Main St. & Mulberry St. Resurfacing
18. 7th Street Lighting
19. East & West State Streetscapes
20. Jefferson St. Bridge Repairs

CITY-WIDE STATISTICS

229 Miles of Arterial and Collector Streets

31,727 Street Signs

538 Miles of Local Roads and Streets

87 Miles of Bike Path

130 Bridges and Box Culverts

793 Miles of Sidewalk

Icon Legend

Land Acquisition

Design Engineering

Water Construction

Utility Relocation

Construction Engineering

Parking Facility

Road Construction

Building Construction

Bridge Construction

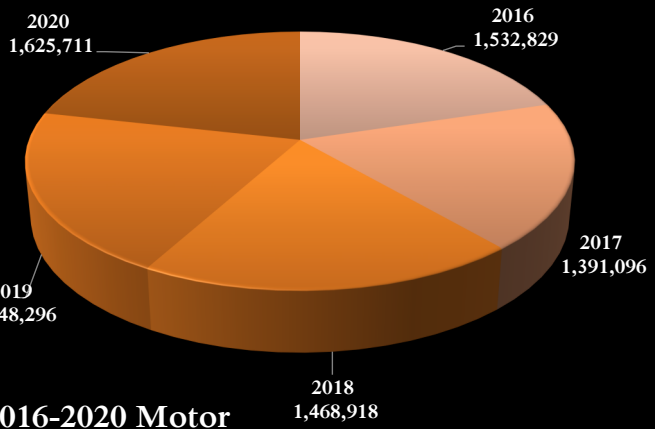
REVENUE SOURCES

Chart 1: 2016 Total Expected Available Funds

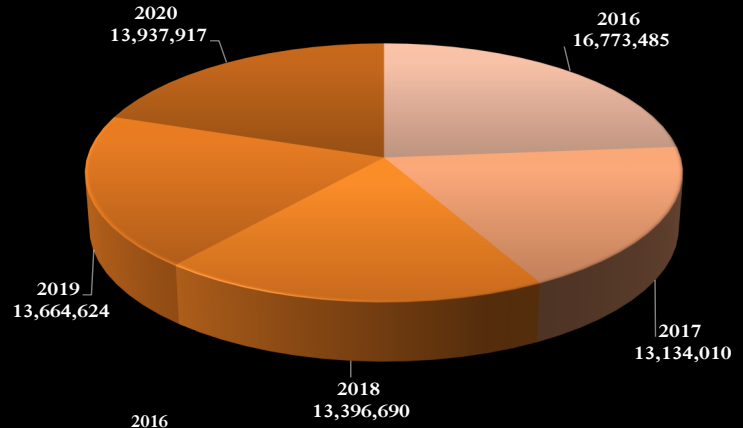
Fund Source	FY 2015 Carryover	FY 2016 Projected	Total 2016 Program
General Fund	1,248,991	2,500,000	3,748,991
Motor Fuel Tax	2,463,309	1,532,829	3,996,138
Sales Tax	(2,614,610)	16,773,485	14,158,875
Total	1,097,690	20,806,314	21,904,004

Chart 2: Expected Program Revenue

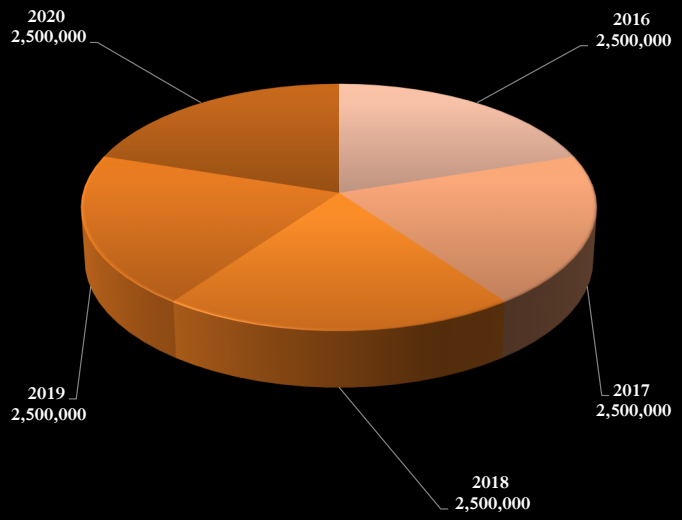
Fund Source	Total FY 2016 Funds	FY 2017-2020 Revenue	Total Program Revenue
General Fund	2,500,000	10,000,000	12,500,000
Motor Fuel Tax	1,532,829	6,034,021	7,566,850
Sales Tax	16,773,485	54,133,241	70,906,726
Total	20,806,314	70,167,262	90,973,576



FY 2016-2020 Motor Fuel Tax $7,566,850



FY 2016-2020 Sales Tax $70,906,726



FY 2016-2020 General Fund $12,500,000

Clicking on the title of the individual major projects will take you to the summary page

Bell School Road Improvements

Corridor Utility Improvements

Harrison Avenue Reconstruction

Illinois Railway River Bridge

North Alpine Rd Box Culvert

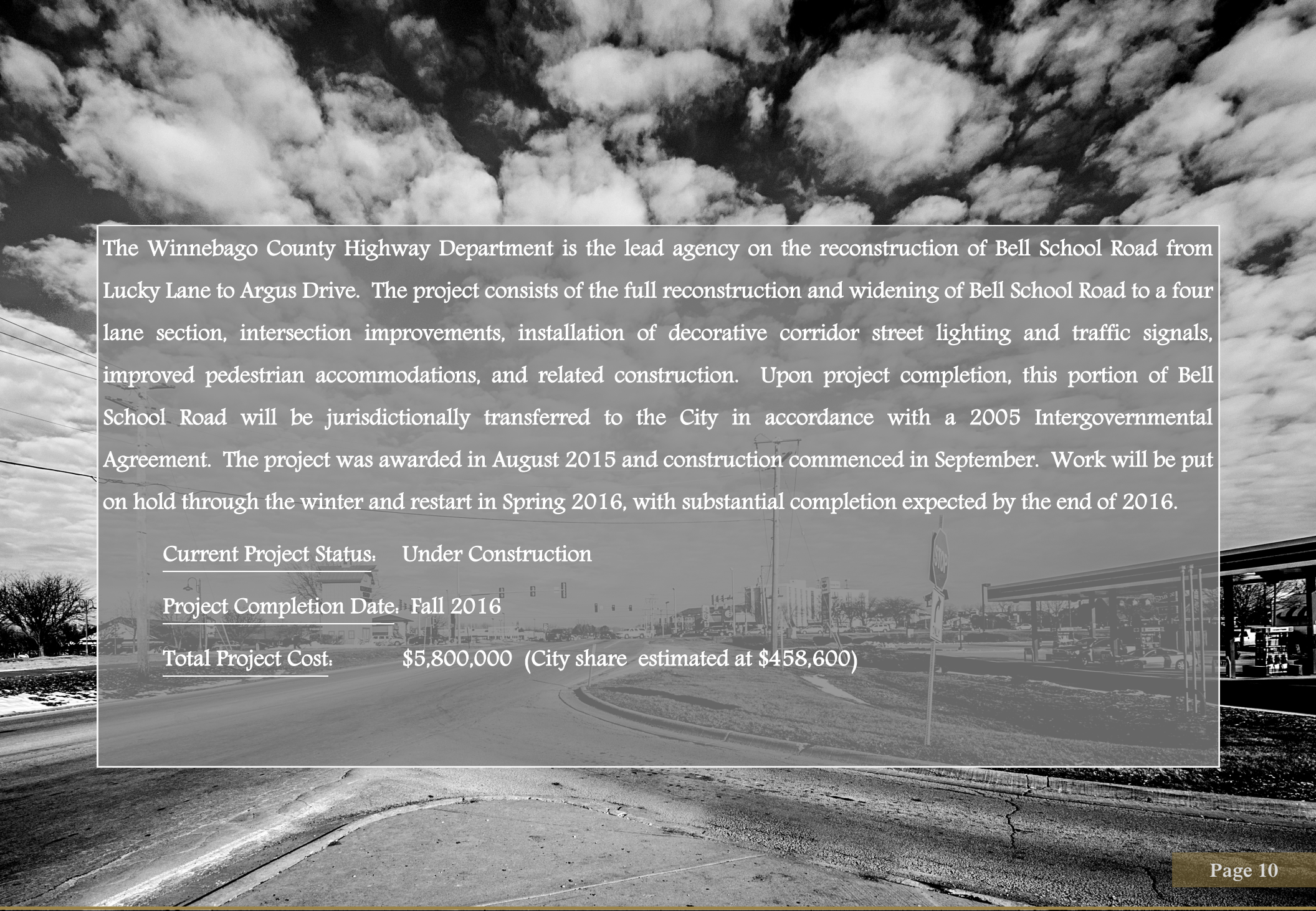
North Main Reconstruction

UW Health Sports Factory

West State Reconstruction Ph 2

Whitman Street Interchange

MAJOR PROJECTS



The Winnebago County Highway Department is the lead agency on the reconstruction of Bell School Road from Lucky Lane to Argus Drive. The project consists of the full reconstruction and widening of Bell School Road to a four lane section, intersection improvements, installation of decorative corridor street lighting and traffic signals, improved pedestrian accommodations, and related construction. Upon project completion, this portion of Bell School Road will be jurisdictionally transferred to the City in accordance with a 2005 Intergovernmental Agreement. The project was awarded in August 2015 and construction commenced in September. Work will be put on hold through the winter and restart in Spring 2016, with substantial completion expected by the end of 2016.

Current Project Status: Under Construction

Project Completion Date: Fall 2016

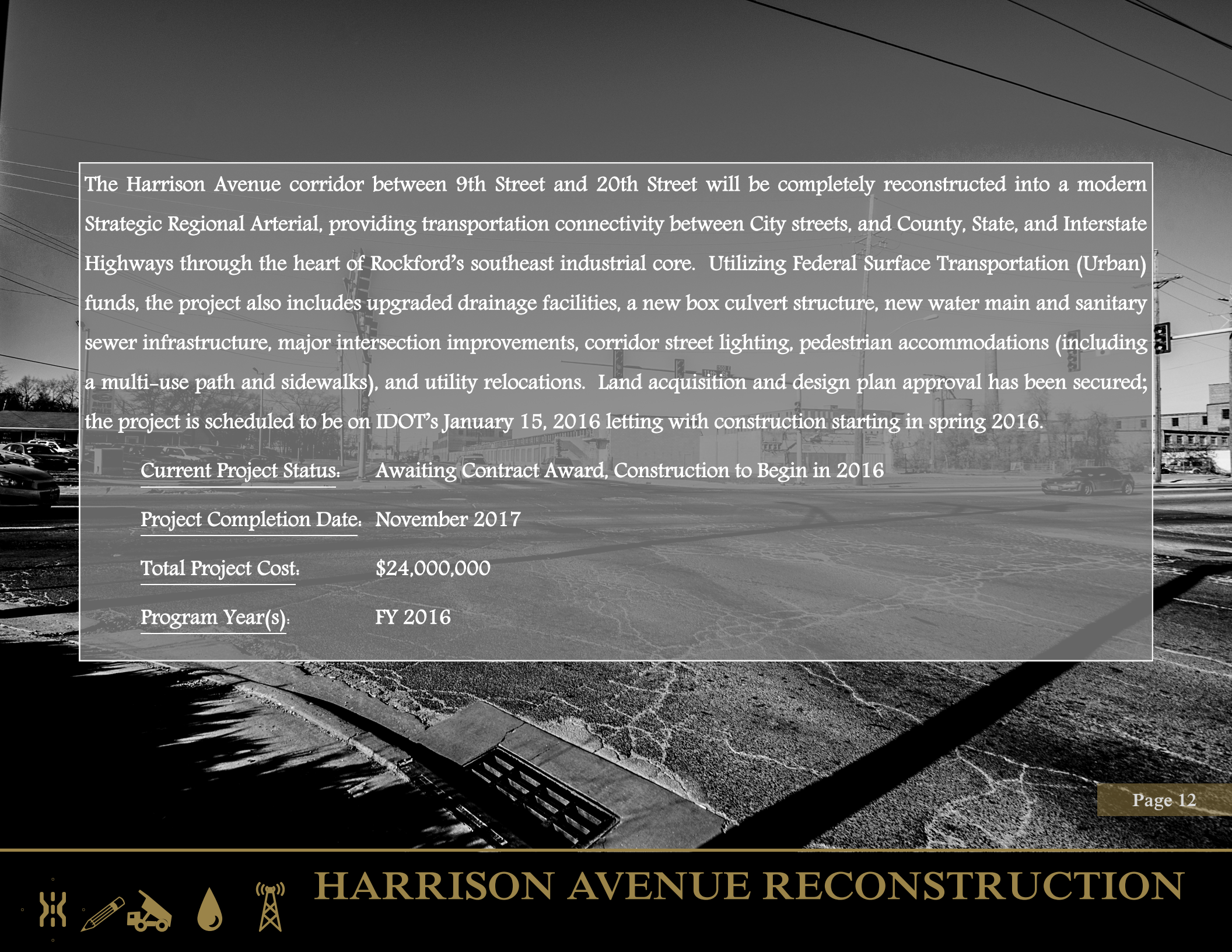
Total Project Cost: $5,800,000 (City share estimated at $458,600)

BELL SCHOOL ROAD IMPROVEMENTS

It is widely accepted that the relocation of overhead utility lines adds value to major roadway corridor improvements. The process is viewed as a community-wide investment in our corridors that promotes marketable economic opportunity, enhances public safety, and improves the quality of life in the City. Additionally, relocation of overhead utility lines provides a significant return on investment in that it reduces the chance for power outages, enhances aesthetics, opens up corridor space for pedestrian facilities, & protects the City's mature tree canopy. To that end, Strategic Objective 12.1 was included in the Rockford 2020 Comprehensive Plan which provides an initiative to bury overhead utilities underground with planned infrastructure improvements. Overhead lines owned by Comcast, AT&T, and ComEd are the most common facilities that are relocated during a major roadway reconstruction project. In order to preserve CIP funds for physical roadway work there is a program through ComEd that spreads the project cost over the entire City rate-payer base for the project duration; this alternate financing model is called the Rider LGC program. This program was approved by the City Council in 2015 for the North Main Street corridor project. The application of the Rider LGC program is limited & targeted; it is the intent to apply it only to our major arterials & collectors that are identified through our 5-year CIP program as reconstruction projects. Our project programming policy would include prudent programming to ensure that no more than one corridor relocation would be placed on the rate payer bill at any given time, & estimated duration would be no longer than 12 months. Within this proposed CIP the next corridor project relocation is proposed along West State Street between Day Avenue & Sunset Avenue. This IDOT project is estimated to be constructed in 2018 in cooperation with the City. Utility relocation planning would begin in early 2017 to determine scope & cost.

Program Year(s): FY 2016, FY 2018

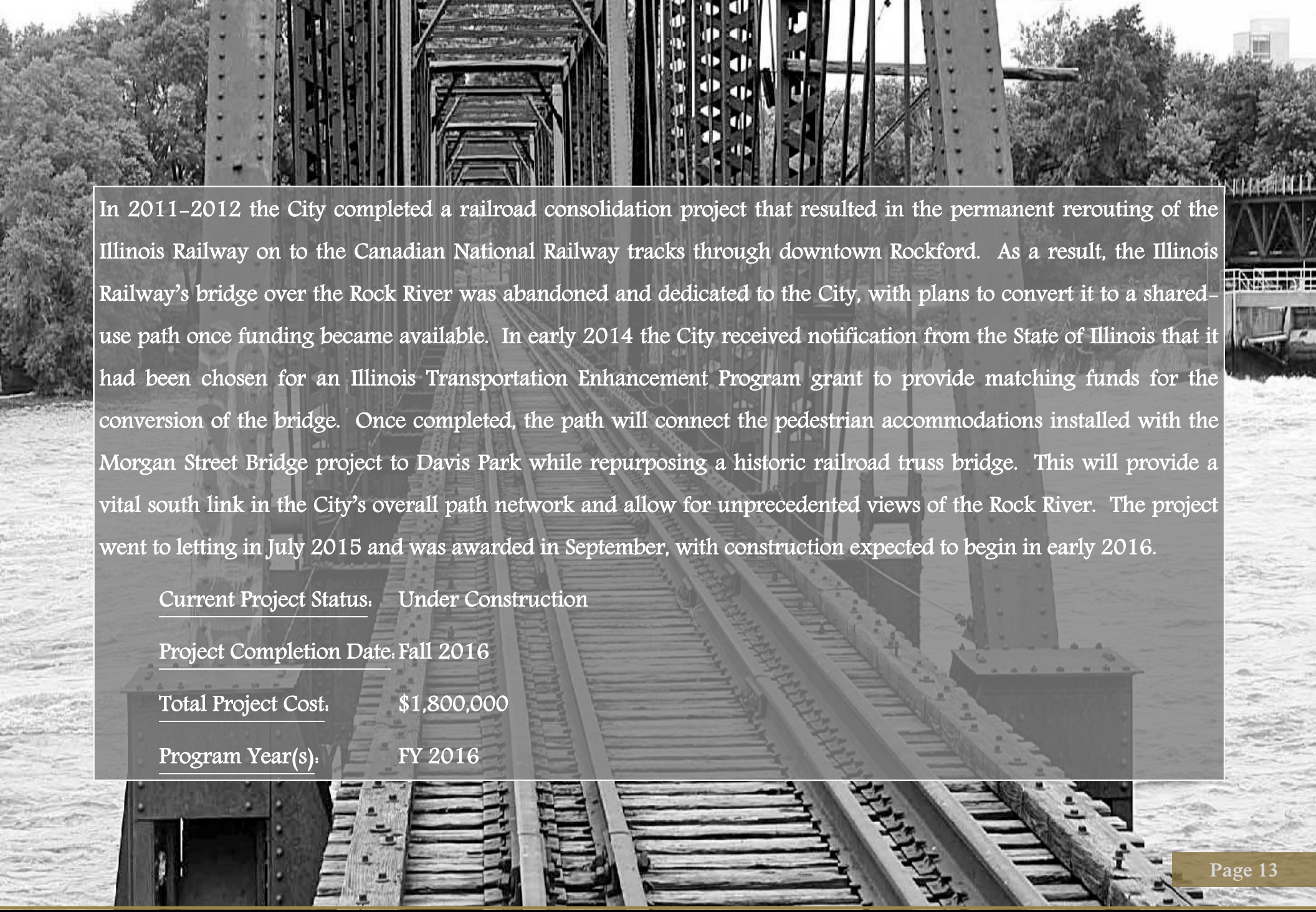
CORRIDOR UTILITY RELOCATIONS



The Harrison Avenue corridor between 9th Street and 20th Street will be completely reconstructed into a modern Strategic Regional Arterial, providing transportation connectivity between City streets, and County, State, and Interstate Highways through the heart of Rockford's southeast industrial core. Utilizing Federal Surface Transportation (Urban) funds, the project also includes upgraded drainage facilities, a new box culvert structure, new water main and sanitary sewer infrastructure, major intersection improvements, corridor street lighting, pedestrian accommodations (including a multi-use path and sidewalks), and utility relocations. Land acquisition and design plan approval has been secured; the project is scheduled to be on IDOT's January 15, 2016 letting with construction starting in spring 2016.

Current Project Status:	Awaiting Contract Award, Construction to Begin in 2016
Project Completion Date:	November 2017
Total Project Cost:	$24,000,000
Program Year(s):	FY 2016

HARRISON AVENUE RECONSTRUCTION



In 2011-2012 the City completed a railroad consolidation project that resulted in the permanent rerouting of the Illinois Railway on to the Canadian National Railway tracks through downtown Rockford. As a result, the Illinois Railway's bridge over the Rock River was abandoned and dedicated to the City, with plans to convert it to a shared-use path once funding became available. In early 2014 the City received notification from the State of Illinois that it had been chosen for an Illinois Transportation Enhancement Program grant to provide matching funds for the conversion of the bridge. Once completed, the path will connect the pedestrian accommodations installed with the Morgan Street Bridge project to Davis Park while repurposing a historic railroad truss bridge. This will provide a vital south link in the City's overall path network and allow for unprecedented views of the Rock River. The project went to letting in July 2015 and was awarded in September, with construction expected to begin in early 2016.

Current Project Status:	Under Construction
Project Completion Date:	Fall 2016
Total Project Cost:	$1,800,000
Program Year(s):	FY 2016

ILLINOIS RAILWAY RIVER BRIDGE

The box culvert structure that carries North Alpine Road over the North Branch of Keith Creek was originally constructed in 1930. Over 26,000 vehicles travel over the structure daily. Recent bridge inspections revealed advanced deterioration to the top slab and side walls which required the culvert to be load posted and necessitating a complete reconstruction in order to reopen this vital transportation corridor to truck and emergency vehicle traffic.

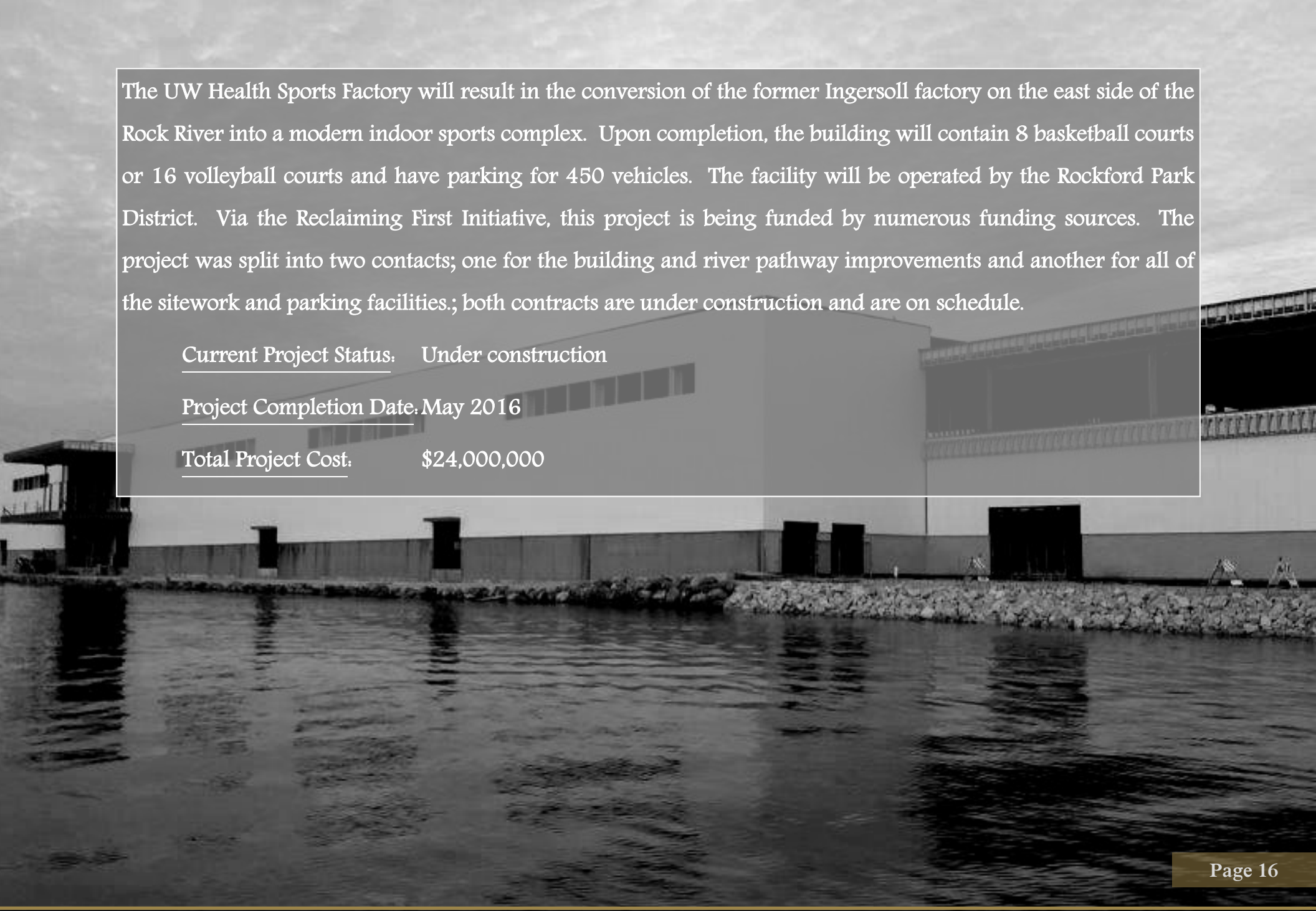
Project Status:	Design Engineering
Anticipated Letting Date:	Spring 2017
Total Project Cost:	$2,000,000
Program Year(s):	FY 2017

NORTH ALPINE ROAD BOX CULVERT

Originally included in the State of Illinois' *Illinois Jobs Now* Capital Construction Plan in 2009, the reconstruction of North Main Street (Illinois Route 2) between Auburn Street and Riverside Boulevard was on the September 18, 2015 IDOT letting and is anticipating award. The project will result in the corridor being fully reconstructed with a modern 5-lane pavement section, intersection improvements, a new storm sewer system, decorative street lighting and traffic signals, pedestrian accommodations including sidewalks and a shared-use path, new water infrastructure, landscaping components, and utility relocations. Once awarded, construction is expected to begin in early 2016 with completion in 2019.

Current Project Status:	Under Construction
Project Completion Date:	Summer 2019
Total Project Cost:	$33,000,000
Program Year(s):	FY 2016 (demolitions & utility relocations)

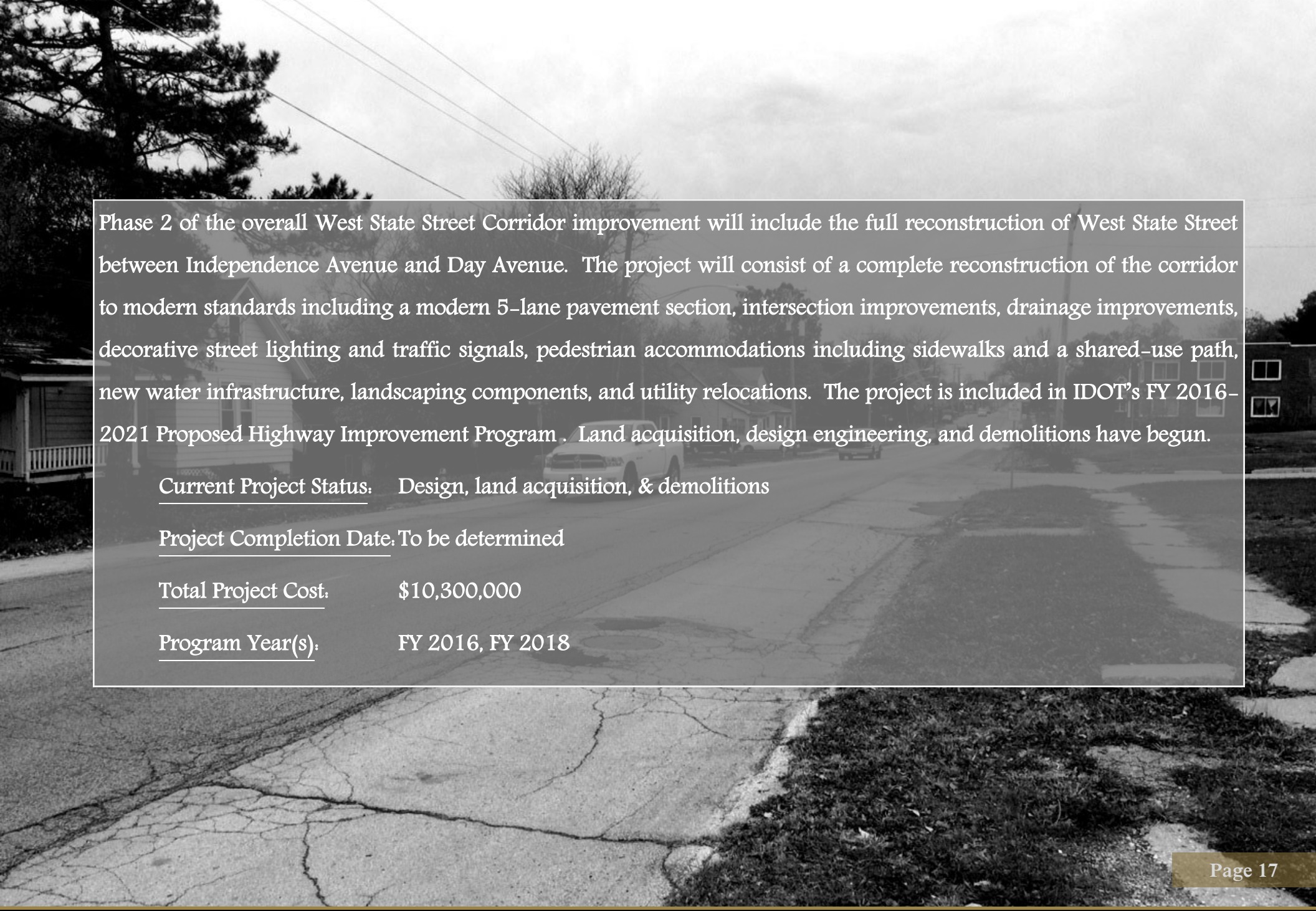
NORTH MAIN ST. RECONSTRUCTION



The UW Health Sports Factory will result in the conversion of the former Ingersoll factory on the east side of the Rock River into a modern indoor sports complex. Upon completion, the building will contain 8 basketball courts or 16 volleyball courts and have parking for 450 vehicles. The facility will be operated by the Rockford Park District. Via the Reclaiming First Initiative, this project is being funded by numerous funding sources. The project was split into two contacts; one for the building and river pathway improvements and another for all of the sitework and parking facilities.; both contracts are under construction and are on schedule.

Current Project Status:	Under construction
Project Completion Date:	May 2016
Total Project Cost:	$24,000,000

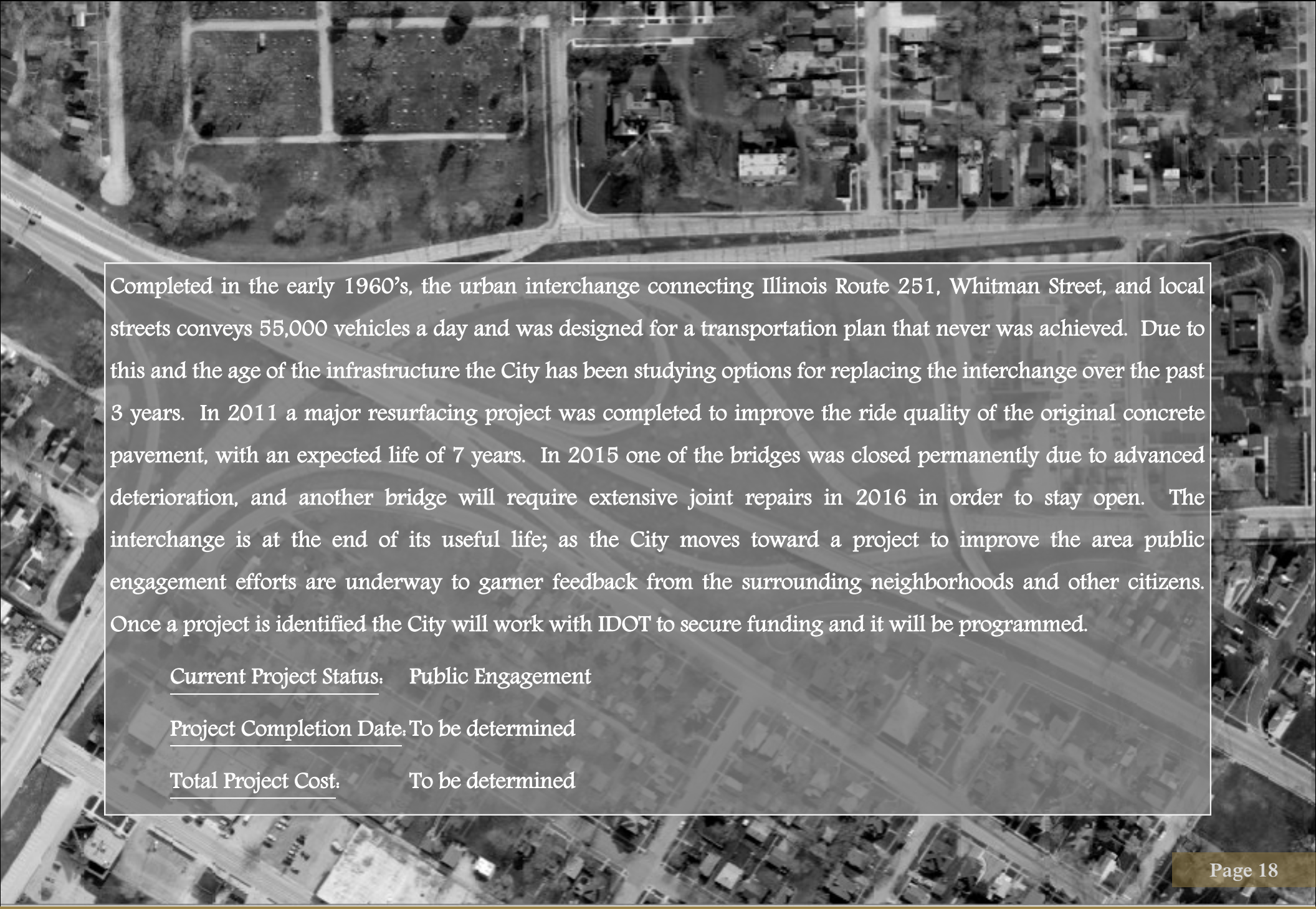
UW HEALTH SPORTS FACTORY



Phase 2 of the overall West State Street Corridor improvement will include the full reconstruction of West State Street between Independence Avenue and Day Avenue. The project will consist of a complete reconstruction of the corridor to modern standards including a modern 5-lane pavement section, intersection improvements, drainage improvements, decorative street lighting and traffic signals, pedestrian accommodations including sidewalks and a shared-use path, new water infrastructure, landscaping components, and utility relocations. The project is included in IDOT's FY 2016-2021 Proposed Highway Improvement Program . Land acquisition, design engineering, and demolitions have begun.

Current Project Status:	Design, land acquisition, & demolitions
Project Completion Date:	To be determined
Total Project Cost:	$10,300,000
Program Year(s):	FY 2016, FY 2018

WEST STATE RECONSTRUCTION (PHASE II)



Completed in the early 1960's, the urban interchange connecting Illinois Route 251, Whitman Street, and local streets conveys 55,000 vehicles a day and was designed for a transportation plan that never was achieved. Due to this and the age of the infrastructure the City has been studying options for replacing the interchange over the past 3 years. In 2011 a major resurfacing project was completed to improve the ride quality of the original concrete pavement, with an expected life of 7 years. In 2015 one of the bridges was closed permanently due to advanced deterioration, and another bridge will require extensive joint repairs in 2016 in order to stay open. The interchange is at the end of its useful life; as the City moves toward a project to improve the area public engagement efforts are underway to garner feedback from the surrounding neighborhoods and other citizens. Once a project is identified the City will work with IDOT to secure funding and it will be programmed.

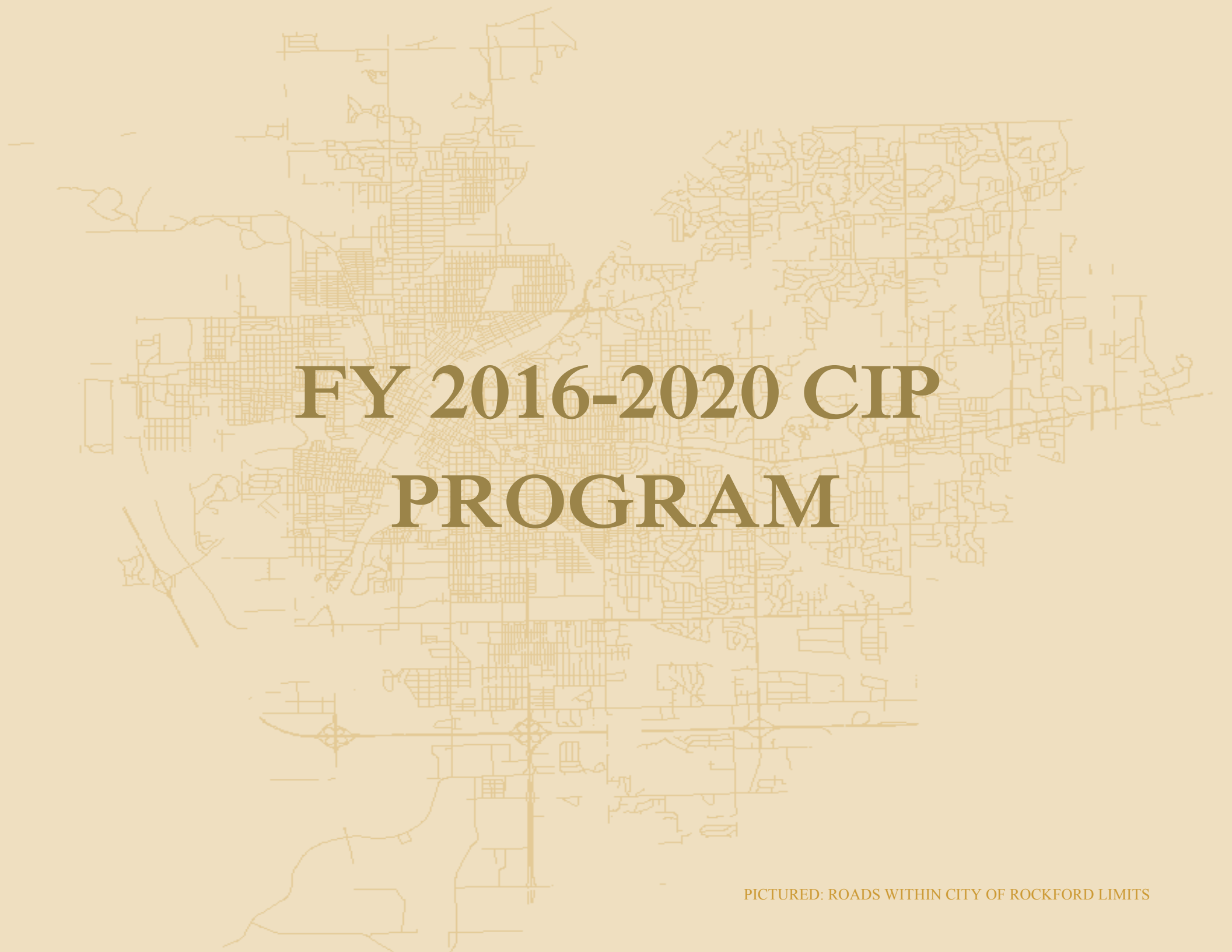
Current Project Status: Public Engagement

Project Completion Date: To be determined

Total Project Cost: To be determined

WHITMAN STREET INTERCHANGE

FY 2016-2020 CIP PROGRAM



PICTURED: ROADS WITHIN CITY OF ROCKFORD LIMITS

FY 2015 Program Distribution

Program Distribution	FY 2016	Total FY 2016-2020
Neighborhood Program	5,905,000	26,885,000
Capital Roadway Improvements	7,995,271	34,150,271
Highway Structure Repair and Replacement	1,790,000	15,075,000
Stormwater and City-Wide Drainage	3,930,000	9,610,000
Programmed Maintenance	370,000	3,770,000
Sidewalk and Multi-Use Path Program	2,340,000	4,140,000
Capital Lighting and Traffic Signals	1,100,000	3,700,000
Project Development and Engineering	400,000	1,700,000
Special Projects	3,313,000	10,266,784
TOTALS	**27,143,271**	**109,297,055**

FY 2016 Expenditure Sources

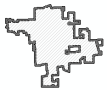
Source	FY 2016
General Fund	4,785,000
Motor Fuel Tax	2,850,000
Sales Tax	16,263,000
State	3,195,271
Other	50,000

2016 PROGRAM OVERVIEW

The Neighborhood Program provides funds for construction projects on the City's nearly 550 miles of residential streets and 1,100 alleys. Improvement projects through this Program have not been identified yet; City Staff works with the respective Aldermen to identify the best uses of these funds. A detailed breakdown of each Ward allocation is found on the following page.

Pictured: Neighborhood Street Resurfacing

NEIGHBORHOOD PROGRAM

	Ward Number	Miles of Roadway	Basic Funding	Alley Allocation	Total Allocation
	1st Ward	74.01	371,428	-	371,428
	2nd Ward	45.71	371,428	73,501	444,929
	3rd Ward	48.73	371,428	53,001	424,429
	4th Ward	49.94	371,428	-	371,428
	5th Ward	52.41	371,428	45,001	416,429
	6th Ward	74.80	371,428	27,501	398,929
	7th Ward	47.14	371,428	55,501	426,929
	8th Ward	42.58	371,428	24,001	395,429
	9th Ward	43.10	371,428	23,001	394,429
	10th Ward	49.38	371,428	16,001	387,429
	11th Ward	40.93	371,428	73,500	444,928
	12th Ward	48.56	371,428	49,500	420,928
	13th Ward	47.02	371,428	59,500	430,928
	14th Ward	51.64	371,428	-	371,428
	TOTAL	715.95	5,199,992	500,008	5,700,000

CITY OF ROCKFORD

FY 2016-2020 NEIGHBORHOOD PROGRAM

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING STATE	PROJECT FUNDING GENERAL FUND	NARRATIVE
2016	CITY-WIDE REFORESTATION/EMERALD ASH BORER MITIGATION	VARIOUS		130,000		130,000			Funds to continue reforestation efforts throughout the City and to remove ash trees from the parkways
	NEIGHBORHOOD PROGRAM	VARIOUS		5,700,000	700,000	5,000,000			Annual neighborhood street and alley resurfacing program. See detail sheet for breakdown of individual Ward allocations
	UNUSED BALANCE FROM 2015	VARIOUS		75,000		75,000			Unused remaining funds from the 2015 Neighborhood Program, allocated to the respective Wards for the 2016 Program
	TOTAL 2016 NEIGHBORHOOD PROGRAM			**5,905,000**	**700,000**	**5,205,000**	-	-	
2017	NEIGHBORHOOD PROGRAM	VARIOUS		5,700,000	700,000	5,000,000			Annual neighborhood street and alley resurfacing program. See detail sheet for breakdown of individual Ward allocations
	TOTAL 2017 NEIGHBORHOOD PROGRAM			**5,700,000**	**700,000**	**5,000,000**	-	-	
2018	CITY-WIDE REFORESTATION/EMERALD ASH BORER MITIGATION	VARIOUS		280,000		280,000			Funds to continue reforestation efforts throughout the City and to remove ash trees from the parkways
	NEIGHBORHOOD PROGRAM	VARIOUS		5,000,000		5,000,000			Annual neighborhood street and alley resurfacing program. See detail sheet for breakdown of individual Ward allocations
	TOTAL 2018 NEIGHBORHOOD PROGRAM			**5,280,000**	-	**5,280,000**	-	-	
2019	NEIGHBORHOOD PROGRAM	VARIOUS		5,000,000		5,000,000			Annual neighborhood street and alley resurfacing program. See detail sheet for breakdown of individual Ward allocations
	TOTAL 2019 NEIGHBORHOOD PROGRAM			**5,000,000**	-	**5,000,000**	-	-	
2020	NEIGHBORHOOD PROGRAM	VARIOUS		5,000,000		5,000,000			Annual neighborhood street and alley resurfacing program. See detail sheet for breakdown of individual Ward allocations
	TOTAL 2020 NEIGHBORHOOD PROGRAM			**5,000,000**	-	**5,000,000**	-	-	
	TOTAL 2016-2020 NEIGHBORHOOD PROGRAM			**26,885,000**	**1,400,000**	**25,485,000**	-	-	

The Capital Roadway Improvement Program provides funds for improvement projects on the City's network of arterial, collector, commercial, and industrial streets. Funds are also used as the local match for State Highway and other corridor projects. Roads targeted for improvement are identified based on a variety of criteria such as traffic count, maintenance of truck routes, traffic safety, and route significance to the regional transportation system.

Pictured: Airport Drive Roundabout

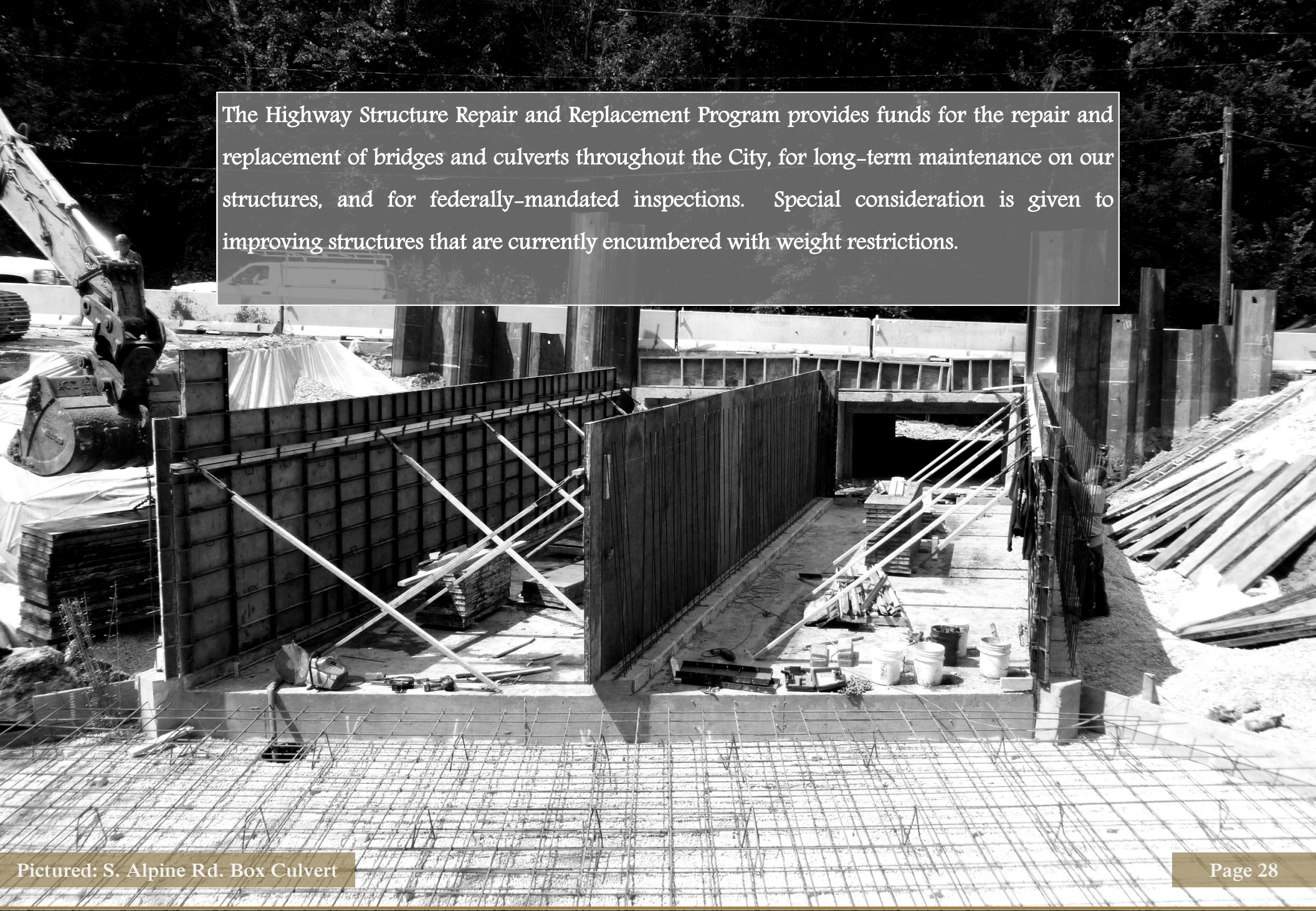
CAPITAL ROADWAY IMPROVEMENTS

CITY OF ROCKFORD
FY 2016-2020 CAPITAL ROADWAY IMPROVEMENT PROGRAM

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING STATE	PROJECT FUNDING GENERAL FUND	NARRATIVE
2016	7th STREET	6TH AVE.	CHARLES ST.	400,000	400,000				Resurfacing Program
	11TH STREET	15TH AVE.	18TH AVE.	350,000	350,000				Resurfacing Program
	DISCRETIONARY PATCHING AND WINTER REPAIRS	VARIOUS		250,000		250,000			Resurfacing and Patching Program determined on a discretionary basis to arterial and collector streets City-wide
	HARRISON AVENUE	9TH ST.	20TH ST.	1,440,000		1,440,000			Utility Relocations: Year 1 of 2 (ComEd, AT&T, Comcast, & Service Connections) done in conjuction with corridor reconstruction project - See Project Detail Sheet
	NORTH MAIN STREET	YONGE ST.	BENINGTON RD.	100,000		100,000			Demolitions (per Intergovernmental Agreement with IDOT) done in conjuction with IDOT corridor reconstruction project - See Project Detail Sheet
	NORTH MAIN STREET	YONGE ST.	BENINGTON RD.	1,300,000		1,300,000			Utility Relocations: Year 1 of 2 (AT&T, Comcast, & Service Connections) done in conjuction with IDOT corridor reconstruction project - See Project Detail Sheet
	NORTH MAIN STREET	PARK AVE.	WHITMAN ST.	500,000		500,000			Conversion to Two-Way Traffic (Construction)
	SANDY HOLLOW ROAD	20TH ST.	SOUTH ALPINE RD.	1,555,271	300,000		1,255,271		Road diet with pavement resurfacing, State funds provided via a Highway Safety Improvement Program Grant (Construction)
	SOUTH ALPINE ROAD	SOUTH BRANCH KEITH CREEK	EAST STATE ST.	250,000		250,000			Resurfacing Program with new curb & gutter on the east side
	WEST STATE STREET	WYMAN ST.	CHURCH ST.	250,000	250,000				Resurfacing Program
	WEST STATE STREET	SUNSET AVE.	DAY AVE.	1,600,000		400,000	1,200,000		IDOT Reconstruction Project (Land Acquisition) - See Project Detail Sheet
	TOTAL 2016 CAPITAL ROADWAY IMPROVEMENTS			**7,995,271**	**1,300,000**	**4,240,000**	**2,455,271**	**-**	

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING STATE	PROJECT FUNDING GENERAL FUND	NARRATIVE
2017	CITY-WIDE COMMERCIAL/RETAIL STREET RESURFACING PROGRAM	VARIOUS		450,000		450,000			Resurfacing Program targeting commercial, retail and industrial areas
	DISCRETIONARY PATCHING AND WINTER REPAIRS	VARIOUS		350,000		350,000			Resurfacing and Patching Program determined on a discretionary basis to arterial and collector streets City-wide
	HARRISON AVENUE	9TH ST.	20TH ST.	720,000		720,000			Utility Relocations: Year 1 of 2 (ComEd, AT&T, Comcast, & Service Connections) done in conjuction with corridor reconstruction project - See Project Detail Sheet
	KISHWAUKEE STREET	SANDY HOLLOW RD.	AIRPORT DR.	850,000		850,000			Resurfacing Program (road diet to a 3-lane cross section, includes installation of center median)
	NORTH MAIN STREET	YONGE ST.	BENINGTON RD.	650,000		650,000			Utility Relocations: Year 2 of 2 (AT&T, Comcast, & Service Connections) done in conjuction with IDOT corridor reconstruction project - See Project Detail Sheet
	SPRING CREEK ROAD	PARKVIEW AVE.	NORTH ALPINE RD.	900,000		900,000			Resurfacing Program - Year 1 of 2
	TOTAL 2017 CAPITAL ROADWAY IMPROVEMENTS			**3,920,000**	**-**	**3,920,000**	**-**	**-**	
2018	CITY-WIDE COMMERCIAL/RETAIL RESURFACING	VARIOUS		450,000		450,000			Resurfacing Program targeting commercial, retail, and industrial areas
	DISCRETIONARY PATCHING AND WINTER REPAIRS	VARIOUS		250,000		250,000			Resurfacing and Patching Program determined on a discretionary basis to arterial and collector streets City-wide
	LOGISTICS PARKWAY	MILFORD AVE.	SAMUELSON RD.	1,300,000	1,300,000				Local Match of IDOT Economic Development Program grant to extend the road corridor
	MCFARLAND ROAD	SPRING BROOK RD.	MEADOW TRACE	300,000		300,000			Resurfacing Program
	NORTH ROCKTON AVENUE	KENT CREEK	RIVERSIDE BLVD.	700,000		700,000			Resurfacing Program
	SPRING CREEK ROAD	PARKVIEW ST.	NORTH ALPINE RD.	900,000		900,000			Resurfacing Program - Year 2 of 2
	WEST STATE STREET	SUNSET AVE.	DAY AVE.	12,000,000		400,000	11,600,000		IDOT Reconstruction Project (Construction); City funding is for street lighting and pedestrian improvements - **See Project Detail Sheet**
	TOTAL 2018 CAPITAL ROADWAY IMPROVEMENTS			**15,900,000**	**1,300,000**	**3,000,000**	**11,600,000**	**-**	

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING STATE	PROJECT FUNDING GENERAL FUND	NARRATIVE
2019	CITY-WIDE ARTERIAL/COLLECTOR RESURFACING	VARIOUS		1,035,000	800,000	235,000			Resurfacing Program - specific locations to be identified prior to 2018
	CITY-WIDE COMMERCIAL/RETAIL RESURFACING	VARIOUS		450,000		450,000			Resurfacing Program targeting commercial, retail, and industrial areas
	DISCRETIONARY PATCHING AND WINTER REPAIRS	VARIOUS		350,000		350,000			Resurfacing and Patching Program determined on a discretionary basis to arterial and collector streets City-wide
	ELMWOOD ROAD	NORTH MAIN ST.	BROWNS BEACH RD.	350,000	350,000				Resurfacing Program
	ROTE ROAD	NORTH LYFORD RD.	UNIVERSITY DR.	150,000	150,000				Resurfacing Program
	TOTAL 2019 CAPITAL ROADWAY IMPROVEMENTS			**2,335,000**	**1,300,000**	**1,035,000**	**-**	**-**	
2020	CITY-WIDE ARTERIAL/COLLECTOR RESURFACING	VARIOUS		3,200,000	1,300,000	1,900,000			Resurfacing Program - specific locations to be identified prior to 2019
	CITY-WIDE COMMERCIAL/RETAIL RESURFACING	VARIOUS		450,000		450,000			Resurfacing Program targeting commercial, retail, and industrial areas
	DISCRETIONARY PATCHING AND WINTER REPAIRS	VARIOUS		350,000		350,000			Resurfacing and Patching Program determined on a discretionary basis to arterial and collector streets City-wide
	TOTAL CAPITAL 2020 ROADWAY IMPROVEMENTS			**4,000,000**	**1,300,000**	**2,700,000**	**-**	**-**	
	TOTAL 2016-2020 CAPITAL ROADWAY IMPROVEMENT PROGRAM			**34,150,271**	**5,200,000**	**14,895,000**	**14,055,271**	**-**	



The Highway Structure Repair and Replacement Program provides funds for the repair and replacement of bridges and culverts throughout the City, for long-term maintenance on our structures, and for federally-mandated inspections. Special consideration is given to improving structures that are currently encumbered with weight restrictions.

Pictured: S. Alpine Rd. Box Culvert

HIGHWAY STRUCTURE REPAIR & REPLACEMENT

CITY OF ROCKFORD
FY 2016-2020 HIGHWAY STRUCTURE REPAIR AND REPLACEMENT

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	SALES TAX	STATE	GENERAL FUND	NARRATIVE
2016	JEFFERSON STREET BRIDGE SUBSTRUCTURE REPAIRS	ROCK RIVER		350,000		350,000			Carryover funds from 2015 project
	KEITH CREEK BRIDGE REMOVALS	VARIOUS		240,000				240,000	Full removal of the 10th St. & 12th St. bridges for the Keith Creek Greenway Project
	NORTH 3RD STREET TO WHITMAN STREET BRIDGE REMOVAL	WHITMAN INTERCHANGE		800,000		800,000			Full removal of the interchange bridge that was closed in early 2015
	PIERPONT BRIDGE DECK REPLACEMENT	KENT CREEK		250,000		250,000			Bridge deck surface replacment, structural steel repairs, & guardrail replacement
	PROGRAMMED STRUCTURE REPAIRS	VARIOUS		150,000		150,000			Funds for repairs and maintenance to City-owned structures
	TOTAL 2016 HIGHWAY STRUCTURE REPAIR AND REPLACEMENT			**1,790,000**	**-**	**1,550,000**	**-**	**240,000**	
2017	BRIDGE INSPECTIONS	VARIOUS		180,000		180,000			Federally-required biennial bridge inspections in accordance with NBIS
	JEFFERSON STREET BRIDGE REPAIRS OR 3RD STREET RECONFIGURATION AT WHITMAN INTERCHANGE	ROCK RIVER / WHITMAN INTERCHANGE		400,000		400,000			Additional repairs to Jefferson St. Bridge or reconfiguration of the 3rd St. overpass bridge at the Whitman Interchange
	KEITH CREEK BRIDGE REMOVALS	VARIOUS		130,000		130,000			Removal of one bridge for the Keith Creek Greenway Project
	NORTH ALPINE ROAD BOX CULVERT	NORTH BRANCH KEITH CREEK		1,600,000	400,000		1,200,000		Culvert Replacement (Construction) - **See Project Detail Sheet**
	NORTH ALPINE ROAD BOX CULVERT	NORTH BRANCH KEITH CREEK		200,000	200,000				Culvert Replacement (Construction Engineering) - **See Project Detail Sheet**
	PROGRAMMED STRUCTURE REPAIRS	VARIOUS		250,000		250,000			Funds for repairs and maintenance to City-owned structures
	TOTAL 2017 HIGHWAY STRUCTURE REPAIR AND REPLACEMENT			**2,760,000**	**600,000**	**960,000**	**1,200,000**	**-**	
2018	BRIDGE PROGRAM MANAGEMENT	VARIOUS		75,000		75,000			Engineering funds for on-call bridge design and/or repair projects
	LOCAL BRIDGE PROGRAM	VARIOUS		1,200,000	400,000	800,000			Engineering and local match funds for IDOT bridge funds (structures to be identified by need)
	PROGRAMMED STRUCTURE REPAIRS	VARIOUS		250,000		250,000			Funds for repairs and maintenance to City-owned structures
	TOTAL 2018 HIGHWAY STRUCTURE REPAIR AND REPLACEMENT			**1,525,000**	**400,000**	**1,125,000**	**-**	**-**	

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING STATE	PROJECT FUNDING GENERAL FUND	NARRATIVE
2019	BRIDGE INSPECTIONS	VARIOUS		200,000		200,000			Federally-required biennial bridge inspections in accordance with NBIS
	LOCAL BRIDGE PROGRAM	VARIOUS		1,200,000	400,000	800,000			Engineering and local match funds for IDOT bridge funds (structures to be identified by need)
	PROGRAMMED STRUCTURE REPAIRS	VARIOUS		250,000		250,000			Funds for repairs and maintenance to City-owned structures
	REPAIR/REPLACE LOAD POSTED STRUCTURES	VARIOUS		800,000		800,000			Repairs to or replacement of structures that have posted weight restrictions, with special focus given to truck routes
	TOTAL 2019 HIGHWAY STRUCTURE REPAIR AND REPLACEMENT			**2,450,000**	**400,000**	**2,050,000**	**-**	**-**	
2020	LOCAL BRIDGE PROGRAM	VARIOUS		1,400,000		1,400,000			Engineering and local match funds for IDOT bridge funds (structures to be identified by need)
	PROGRAMMED STRUCTURE REPAIRS	VARIOUS		250,000		250,000			Funds for repairs and maintenance to City-owned structures
	TOTAL 2020 HIGHWAY STRUCTURE REPAIR AND REPLACEMENT			**6,550,000**	**800,000**	**5,750,000**	**-**	**-**	
TOTAL 2016-2020 HIGHWAY STRUCTURE REPAIR AND REPLACEMENT				**15,075,000**	**2,200,000**	**11,435,000**	**1,200,000**	**240,000**	

The Stormwater and Drainage Program will be used for the construction, operation, and maintenance of the City's stormwater management systems to control, reduce, and improve water quality and water quantity to meet State and Federal requirements.

Pictured: Page Park Dam

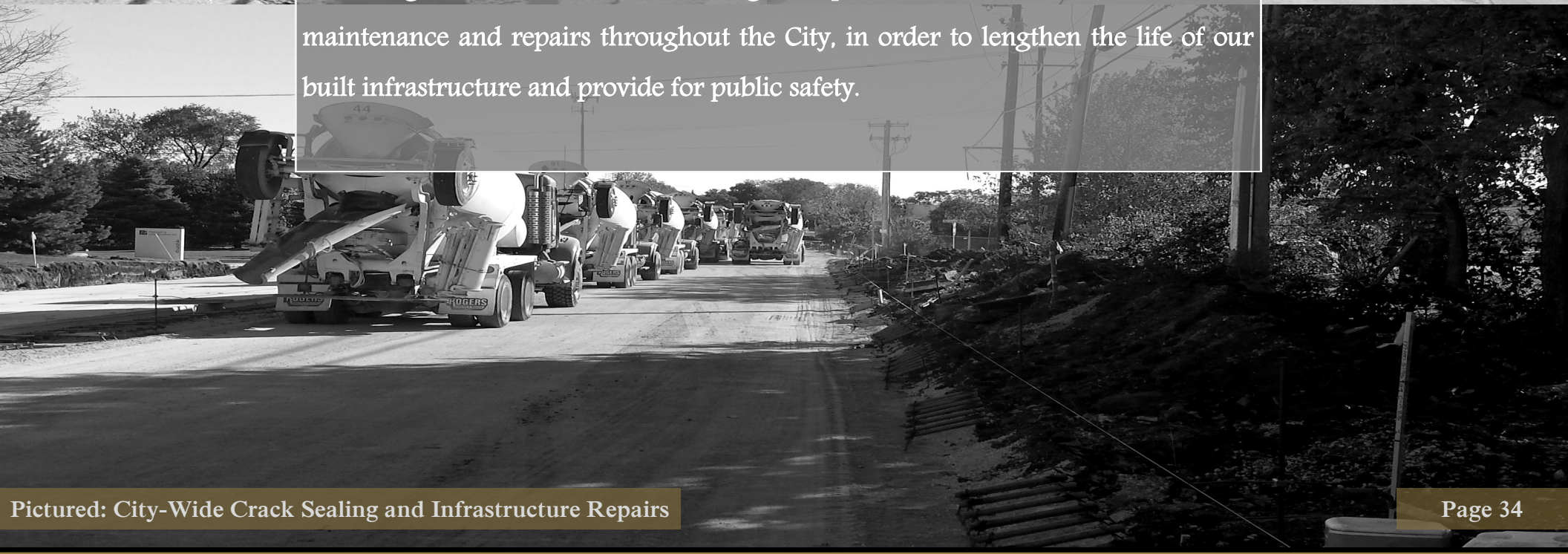
STORMWATER AND DRAINAGE

CITY OF ROCKFORD
FY 2016-2020 STORMWATER AND DRAINAGE

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING STATE	PROJECT FUNDING GENERAL FUND	NARRATIVE
2016	CITY-WIDE BANK STABILIZATIONS	VARIOUS		500,000				500,000	Funds for stabilization of banks and ditches throughout the City
	CITY-WIDE DRAINAGE IMPROVEMENTS	VARIOUS		175,000				175,000	Carryover funds from 2015 (includes Maintenance and Monitoring)
	CITY-WIDE DRAINAGE IMPROVEMENTS	VARIOUS		450,000				450,000	Paved ditch repair, bank stabilization, nuisance flood mitigation, system repairs, and pond improvements
	HARMON PARK DETENTION BASIN	HARMON PARK		1,500,000		1500000			Construction of a stormwater detention basin at Harmon Park (Construction)
	HARMON PARK DETENTION BASIN	HARMON PARK		85,000		85000			Construction of a stormwater detention basin at Harmon Park (Construction Engineering)
	IEMA KEITH CREEK GRANT MATCH - PAYMENT #2	KEITH CREEK		400,000				400,000	Matching funds for grant closeout
	MAINTENANCE AND MONITORING	VARIOUS		120,000				120,000	Stormwater monitoring, testing, and sampling; mowing and maintenance of City-owned basins and channels
	SOUTHWEST DIVERSION CHANNEL CLEANING AND REPAIRS	SOUTHWEST DIVERSION CHANNEL		600,000				600,000	Cleaning and concrete repairs to deteriorated portions of the drainage ditch
	SWEEPER DUMP STATION	CITY YARDS		100,000				100,000	Construction of a station for proper disposal of street sweepings at the City Yards
	TOTAL 2016 CITY-WIDE STORMWATER AND DRAINAGE			**3,930,000**	**-**	**1,585,000**	**-**	**2,345,000**	
2017	ALPINE DAM RETROFIT	NORTH BRANCH OF KEITH CREEK ALDEEN PARK		500,000		500,000			Earthen dam rehabilitation project (Year 1 of 3)
	CITY-WIDE BANK STABILIZATIONS	VARIOUS		500,000		500,000			Funds for stabilization of banks and ditches throughout the City
	CITY-WIDE DRAINAGE IMPROVEMENTS	VARIOUS		450,000		450,000			Paved ditch repair, bank stabilization, nuisance flood mitigation, system repairs, and pond improvements
	MAINTENANCE AND MONITORING	VARIOUS		120,000				120,000	Stormwater monitoring, testing, and sampling; mowing and maintenance of City-owned basins and channels
	TOTAL 2017 CITY-WIDE STORMWATER AND DRAINAGE			**1,570,000**	**-**	**1,450,000**	**-**	**120,000**	

	PROJECT	LOCATION FROM	TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	SALES TAX	STATE	GENERAL FUND	NARRATIVE
2018	ALPINE DAM RETROFIT	NORTH BRANCH OF KEITH CREEK ALDEEN PARK		1,000,000		1,000,000			Earthen dam rehabilitation project (Year 2 of 3)
	CITY-WIDE BANK STABILIZATIONS	VARIOUS		500,000		150,000		350,000	Funds for stabilization of banks and ditches throughout the City
	CITY-WIDE DRAINAGE IMPROVEMENTS	VARIOUS		450,000		250,000		200,000	Paved ditch repair, bank stabilization, nuisance flood mitigation, system repairs, and pond improvements
	MAINTENANCE AND MONITORING	VARIOUS		120,000				120,000	Stormwater monitoring, testing, and sampling; mowing and maintenance of City-owned basins and channels
	TOTAL 2018 CITY-WIDE DRAINAGE AND STORMWATER			**2,070,000**	**-**	**1,400,000**	**-**	**670,000**	
2019	ALPINE DAM RETROFIT	NORTH BRANCH OF KEITH CREEK ALDEEN PARK		1,000,000		1,000,000			Earthen dam rehabilitation project (Year 3 of 3)
	CITY-WIDE DRAINAGE IMPROVEMENTS	VARIOUS		400,000		200,000		200,000	Paved ditch repair, bank stabilization, nuisance flood mitigation, system repairs, and pond improvements
	MAINTENANCE AND MONITORING	VARIOUS		120,000				120,000	Stormwater monitoring, testing, and sampling; mowing and maintenance of City-owned basins and channels
	TOTAL 2019 CITY-WIDE STORMWATER AND DRAINAGE			**1,520,000**	**-**	**1,200,000**	**-**	**320,000**	
2020	CITY-WIDE DRAINAGE IMPROVEMENTS	VARIOUS		400,000		200,000		200,000	Paved ditch repair, bank stabilization, nuisance flood mitigation, system repairs, and pond improvements
	MAINTENANCE AND MONITORING	VARIOUS		120,000				120,000	Stormwater monitoring, testing, and sampling; mowing and maintenance of City-owned basins and channels
	TOTAL 2020 CITY-WIDE STORMWATER AND DRAINAGE			**520,000**	**-**	**200,000**	**-**	**320,000**	
	TOTAL CITY-WIDE STORMWATER AND DRAINAGE			**9,610,000**	**-**	**5,835,000**	**-**	**3,775,000**	

The Programmed Maintenance Program provides funds for infrastructure maintenance and repairs throughout the City, in order to lengthen the life of our built infrastructure and provide for public safety.



Pictured: City-Wide Crack Sealing and Infrastructure Repairs

PROGRAMMED MAINTENANCE

CITY OF ROCKFORD
FY 2016-2020 PROGRAMMED MAINTENANCE

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING STATE	PROJECT FUNDING GENERAL FUND	NARRATIVE
2016	CITY-WIDE CRACK SEALING	VARIOUS		120,000		120,000			Crack sealing to Hot-Mix Asphalt streets to lengthen the pavement life
	CITY-WIDE INLET REPAIRS	VARIOUS		150,000		150,000			Repairs and maintenance to stormwater inlets
	CITY-WIDE PAVEMENT MARKING	VARIOUS		100,000		100,000			Installation of pavement markings for streets, crosswalks, and bike lanes
	TOTAL 2016 PROGRAMMED MAINTENANCE			**370,000**	-	**370,000**	-	-	
2017	CITY-WIDE CONCRETE PATCHING	VARIOUS		300,000		300,000			Patching of concrete arterial and collector streets throughout the City
	CITY-WIDE CRACK SEALING	VARIOUS		80,000		80,000			Crack sealing to Hot-Mix Asphalt streets to lengthen the pavement life
	CITY-WIDE INLET REPAIRS	VARIOUS		150,000		150,000			Repairs and maintenance to stormwater inlets
	CITY-WIDE PAVEMENT MARKING	VARIOUS		100,000		100,000			Installation of pavement markings for streets, crosswalks, and bike lanes
	TOTAL 2017 PROGRAMMED MAINTENANCE			**630,000**	-	**630,000**	-	-	
2018	CITY-WIDE ASSET MANAGEMENT	VARIOUS		180,000		180,000			Inventory data collection, including Pavement Condition Index survey
	CITY-WIDE CONCRETE PATCHING	VARIOUS		300,000		300,000			Patching of concrete arterial and collector streets throughout the City
	CITY-WIDE CRACK SEALING	VARIOUS		80,000		80,000			Crack sealing to Hot-Mix Asphalt streets to lengthen the pavement life
	CITY-WIDE INLET REPAIRS	VARIOUS		150,000		150,000			Repairs and maintenance to stormwater inlets
	CITY-WIDE PAVEMENT MARKING	VARIOUS		200,000		200,000			Installation of pavement markings for streets, crosswalks, and bike lanes
	CITY-WIDE SIGN REPLACEMENT	VARIOUS		200,000		200,000			Upgrading of traffic signs to meet federal retroreflectivity standards
	TOTAL 2018 PROGRAMMED MAINTENANCE			**1,110,000**	-	**1,110,000**	-	-	

	PROJECT	LOCATION FROM	TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	SALES TAX	STATE	GENERAL FUND	NARRATIVE
2019	CITY-WIDE CONCRETE PATCHING	VARIOUS		300,000		300,000			Patching of concrete arterial and collector streets throughout the City
	CITY-WIDE CRACK SEALING	VARIOUS		80,000		80,000			Crack sealing to Hot-Mix Asphalt streets to lengthen the pavement life
	CITY-WIDE INLET REPAIRS	VARIOUS		150,000		150,000			Repairs and maintenance to stormwater inlets
	CITY-WIDE PAVEMENT MARKING	VARIOUS		200,000		200,000			Installation of pavement markings for streets, crosswalks, and bike lanes
	TOTAL 2019 PROGRAMMED MAINTENANCE			**730,000**	-	**730,000**	-	-	
2020	CITY-WIDE CONCRETE PATCHING	VARIOUS		300,000		300,000			Patching of concrete arterial and collector streets throughout the City
	CITY-WIDE CRACK SEALING	VARIOUS		80,000		80,000			Crack sealing to Hot-Mix Asphalt streets to lengthen the pavement life
	CITY-WIDE INLET REPAIRS	VARIOUS		150,000		150,000			Repairs and maintenance to stormwater inlets
	CITY-WIDE PAVEMENT MARKING	VARIOUS		200,000		200,000			Installation of pavement markings for streets, crosswalks, and bike lanes
	CITY-WIDE SIGN REPLACEMENT	VARIOUS		200,000		200,000			Upgrading of traffic signs to meet federal retroreflectivity standards
	TOTAL 2020 PROGRAMMED MAINTENANCE			**930,000**	-	**930,000**	-	-	
	TOTAL PROGRAMMED MAINTENANCE			**3,770,000**	-	**3,770,000**	-	-	

The Sidewalk and Multi-Use Path Program provides funds for improving pedestrian accommodations throughout the City. The goals of this Program is to improve the safety and mobility of pedestrians throughout the City by repairing or replacing damaged and deteriorated sidewalks, installing new intersection curb ramps at pedestrian crossings in accordance with current Americans with Disabilities Act standards, construction of new sidewalks in areas where gaps exist, and improving the City's multi-use path and trail system.

Pictured: City-Wide Sidewalk Repair

SIDEWALKS AND MULTI-USE PATHS

CITY OF ROCKFORD
FY 2016-2020 SIDEWALK/MULTI-USE PATH PROGRAM

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING STATE	PROJECT FUNDING OTHER	NARRATIVE
2016	CHESTNUT STREET BRIDGE MULTI-USE PATH MODIFICATION	ROCK RIVER		150,000		150,000			Design Engineering for the modification to the south sidewalk on the Chestnut Street Bridge. Project will widen the sidewalk to MUP width in accordance with the Gorman Development Agreement
	CITY-WIDE SIDEWALK REPAIRS	VARIOUS		350,000		350,000			Repairs to sidewalks City-wide, focusing on trip hazards and deteriorated concrete; includes upgrades to intersection curb ramps to meet current ADA standards
	ILLINOIS RAILWAY RIVER BRIDGE CONVERSION TO MULTI-USE PATH	MORGAN STREET	DAVIS PARK	1,390,000	650,000		740,000		Conversion of the abandoned Illinois Railway Rock River bridge to a multi-use path; State funding is via an Illinois Transportation Enhancement Program grant (Construction)
	ILLINOIS RAILWAY RIVER BRIDGE CONVERSION TO MULTI-USE PATH	MORGAN STREET	DAVIS PARK	200,000	200,000				Conversion of abandoned Illinois Railway Rock River railroad bridge to a multi-use path; State funding is via an Illinois Transportation Enhancement Program grant (Construction Engineering)
	WALKING SCHOOL BUS ROUTE SIDEWALK REPAIRS	NORTH AVON ST.	NORTH SUNSET AVE.	100,000		50,000		50,000	Local match to Rockford Corridor Improvement Inc. grant to repair sidewalks on the Walking School Bus route to Lewis Lemon School
	WEST STATE STREET SIDEWALK REPAIRS	ROCK RIVER	WYMAN ST.	150,000		150,000			Repairs to deteriorating sidewalks in the first block of West State Street
	TOTAL 2016 SIDEWALK/MULTI-USE PATH PROGRAM			**2,340,000**	**850,000**	**700,000**	**740,000**	**50,000**	
2017	CHESTNUT STREET BRIDGE MULTI-USE PATH MODIFICATION	ROCK RIVER		400,000	400,000				Modification to the south sidewalk on the Chestnut Street Bridge. Project will widen the sidewalk to MUP width in accordance with the Gorman Development Agreement
	CITY-WIDE SIDEWALKS	VARIOUS		450,000		450,000			Repairs to sidewalks focusing on trip hazards and deteriorated concrete; includes upgrades to intersection curb ramps to meet current ADA standards
	TOTAL 2017 SIDEWALK/MULTI-USE PATH PROGRAM			**450,000**	**-**	**450,000**	**-**	**-**	

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING STATE	PROJECT FUNDING OTHER	NARRATIVE
2018	CITY-WIDE SIDEWALKS	VARIOUS		450,000		450,000			Repairs to sidewalks focusing on trip hazards and deteriorated concrete; includes upgrades to intersection curb ramps to meet current ADA standards
	TOTAL 2018 SIDEWALK/MULTI-USE PATH PROGRAM			**450,000**	**-**	**450,000**	**-**	**-**	
2019	CITY-WIDE SIDEWALKS	VARIOUS		450,000		450,000			Repairs to sidewalks focusing on trip hazards and deteriorated concrete; includes upgrades to intersection curb ramps to meet current ADA standards
	TOTAL 2019 SIDEWALK/MULTI-USE PATH PROGRAM			**450,000**	**-**	**450,000**	**-**	**-**	
2020	CITY-WIDE SIDEWALKS	VARIOUS		450,000		450,000			Repairs to sidewalks focusing on trip hazards and deteriorated concrete; includes upgrades to intersection curb ramps to meet current ADA standards
	TOTAL 2020 SIDEWALK/MULTI-USE PATH PROGRAM			**450,000**	**-**	**450,000**	**-**	**-**	
	TOTAL SIDEWALK/MULTI-USE PATH PROGRAM			**4,140,000**	**850,000**	**2,500,000**	**740,000**	**50,000**	

The Capital Lighting and Traffic Signals Program provides funds for traffic signal and street lighting projects throughout the City, and maintenance of our existing lighting and traffic signal infrastructure.

Pictured: West State Street Streetscape

LIGHTING AND TRAFFIC SIGNALS

CITY OF ROCKFORD
FY 2016-2020 CAPITAL LIGHTING AND TRAFFIC SIGNALS PROGRAM

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING OTHER	PROJECT FUNDING GENERAL FUND	NARRATIVE
2016	CITY-WIDE TRAFFIC SIGNALS	VARIOUS		400,000		400,000			Funds for upgrading of traffic signals to modern standards, traffic signal removals where no longer warranted, and to provide matching funds for HSIP grants
	7TH STREET LIGHTING	6TH AVE.	2ND AVE.	700,000		700,000			Final phase of 7th Street lighting project
	TOTAL 2016 CAPITAL LIGHTING AND TRAFFIC SIGNALS			**1,100,000**	-	**1,100,000**	-	-	
2017	CITY-WIDE TRAFFIC SIGNALS	VARIOUS		300,000		300,000			Funds for upgrading of traffic signals to modern standards, traffic signal removals where no longer warranted, and to provide matching funds for HSIP grants
	EAST STATE STREET LIGHTING	FAIRVIEW AVE.	ALPINE RD.	700,000		700,000			Installation of street lights in the Miracle Mile
	TOTAL 2017 CAPITAL LIGHTING AND TRAFFIC SIGNALS			**1,000,000**	-	**1,000,000**	-	-	
2018	CITY-WIDE TRAFFIC SIGNALS	VARIOUS		300,000		300,000			Funds for upgrading of traffic signals to modern standards, traffic signal removals where no longer warranted, and to provide matching funds for HSIP grants
	EAST STATE STREET LIGHTING	FAIRVIEW AVE.	ALPINE RD.	700,000		700,000			Installation of street lights in the Miracle Mile corridor
	TOTAL 2018 CAPITAL LIGHTING AND TRAFFIC SIGNALS			**1,000,000**	-	**1,000,000**	-	-	
2019	CITY-WIDE ARTERIAL STREET LIGHTING PROJECTS	VARIOUS		700,000		700,000			Installation of street lights to arterial street corridors; location(s) to be determined prior to 2019
	CITY-WIDE TRAFFIC SIGNALS	VARIOUS		300,000		300,000			Funds for upgrading of traffic signals to modern standards, traffic signal removals where no longer warranted, and to provide matching funds for HSIP grants
	TOTAL 2019 CAPITAL LIGHTING AND TRAFFIC SIGNALS			**300,000**	-	**300,000**	-	-	

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING OTHER	PROJECT FUNDING GENERAL FUND	NARRATIVE
2020	CITY-WIDE ARTERIAL STREET LIGHTING PROJECTS	VARIOUS		700,000		700,000			Installation of street lights to arterial street corridors; location(s) to be determined prior to 2020
	CITY-WIDE TRAFFIC SIGNALS	VARIOUS		300,000		300,000			Funds for upgrading of traffic signals to modern standards, traffic signal removals where no longer warranted, and to provide matching funds for HSIP grants
	TOTAL 2020 CAPITAL LIGHTING AND TRAFFIC SIGNALS			**300,000**	-	**300,000**	-	-	
	TOTAL CAPITAL LIGHTING AND TRAFFIC SIGNALS			**3,700,000**	-	**3,700,000**	-	-	

Project Development Funds are set aside to be applied towards planning, studies, and grant applications that are used to identify future projects.

Pictured: Parking Lot T Pavilion

PROJECT DEVELOPMENT

CITY OF ROCKFORD
FY 2016-2020 PROJECT DEVELOPMENT AND ENGINEERING

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING STATE	PROJECT FUNDING GENERAL FUND	NARRATIVE
2016	DISCRETIONARY FUNDS FOR FUTURE PROJECTS	VARIOUS		400,000		400,000			Funds set aside for unforeseen circumstances that require planning or study, chosen on a discretionary basis
	TOTAL 2016 PROJECT DEVELOPMENT AND ENGINEERING			**400,000**	-	**400,000**	-	-	
2017	DISCRETIONARY FUNDS FOR FUTURE PROJECTS	VARIOUS		300,000		300,000			Funds set aside for unforeseen circumstances that require planning or study, chosen on a discretionary basis
	TOTAL 2017 PROJECT DEVELOPMENT AND ENGINEERING			**300,000**	-	**300,000**	-	-	
2018	DISCRETIONARY FUNDS FOR FUTURE PROJECTS	VARIOUS		300,000		300,000			Funds set aside for unforeseen circumstances that require planning or study, chosen on a discretionary basis
	TOTAL 2018 PROJECT DEVELOPMENT AND ENGINEERING			**400,000**	-	**400,000**	-	-	
2019	DISCRETIONARY FUNDS FOR FUTURE PROJECTS	VARIOUS		300,000		300,000			Funds set aside for unforeseen circumstances that require planning or study, chosen on a discretionary basis
	TOTAL 2019 PROJECT DEVELOPMENT AND ENGINEERING			**300,000**	-	**300,000**	-	-	
2020	DISCRETIONARY FUNDS FOR FUTURE PROJECTS	VARIOUS		300,000		300,000			Funds set aside for unforeseen circumstances that require planning or study, chosen on a discretionary basis
	TOTAL 2020 PROJECT DEVELOPMENT AND ENGINEERING			**300,000**	-	**300,000**	-	-	
	TOTAL PROJECT DEVELOPMENT AND ENGINEERING			**1,700,000**	-	**1,700,000**	-	-	

Special Projects incorporates Capital Improvement Program funds that are being allocated to economic development projects and other initiatives throughout the City.

Pictured: Turner School Building/District 2 Police Station Headquarters

SPECIAL PROJECTS

CITY OF ROCKFORD
FY 2016-2020 SPECIAL PROJECTS

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	PROJECT FUNDING SALES TAX	PROJECT FUNDING OTHER	PROJECT FUNDING GENERAL FUND	NARRATIVE
2016	DOWNTOWN SURFACE PARKING			873,000		873,000			Required per the Development Agreement
	CONCOURSE PARKING DECK RESTORATION			240,000		240,000			Annual CIP contribution to debt service of $240,000; total bond proceeds of $6.1 million for a 20-year term
	GEOGRAPHIC POLICE DISTRICTS CONTRIBUTION			1,550,000				1,550,000	One-time capital contribution of of $1,550,000
	WEST STATE ST LINEAR PARK	CENTRAL AVE.	AVON ST.	650,000				650,000	Construction of urban linear park adjacent to the West State St. Phase 1 reconstruction project (park will be maintained by Rockford Park District)
	TOTAL 2016 SPECIAL PROJECTS			**3,313,000**	**-**	**1,113,000**	**-**	**2,200,000**	
2017	DOWNTOWN PARKING STRUCTURE ANNUAL DEBT SERVICE			250,000				250,000	Annual CIP contribution to debt service of $250,000; total bond proceeds of $10.78 million for a 20-year term
	AMTRAK STATION			248,446				248,446	Annual CIP contribution to debt service of $248,446
	CONCOURSE PARKING DECK RESTORATION			240,000				240,000	Annual CIP contribution to debt service of $240,000 (assumes equal Winnebago County contribution); total bond proceeds of $6.1 million for a 20-year term
	GEOGRAPHIC POLICE DISTRICTS CONTRIBUTION			1,000,000				1,000,000	Annual CIP contribution to debt service of $1,000,000
	TOTAL 2017 SPECIAL PROJECTS			**1,738,446**	**-**	**-**	**-**	**1,738,446**	
2018	DOWNTOWN PARKING STRUCTURE ANNUAL DEBT SERVICE			250,000				250,000	Annual CIP contribution to debt service of $250,000; total bond proceeds of $10.78 million for a 20-year term
	AMTRAK STATION			248,446				248,446	Annual CIP contribution to debt service of $248,446
	CONCOURSE PARKING DECK RESTORATION			240,000				240,000	Annual CIP contribution to debt service of $240,000 (assumes equal Winnebago County contribution); total bond proceeds of $6.1 million for a 20-year term
	GEOGRAPHIC POLICE DISTRICTS CONTRIBUTION			1,000,000				1,000,000	Annual CIP contribution to debt service of $1,000,000
	TOTAL 2018 SPECIAL PROJECTS			**1,738,446**	**-**	**-**	**-**	**1,738,446**	

	PROJECT	LOCATION FROM	LOCATION TO	TOTAL ESTIMATE	PROJECT FUNDING MFT	SALES TAX	OTHER	GENERAL FUND	NARRATIVE
2019	DOWNTOWN PARKING STRUCTURE ANNUAL DEBT SERVICE			250,000				250,000	Annual CIP contribution to debt service of $250,000; total bond proceeds of $10.78 million for a 20-year term
	AMTRAK STATION			248,446				248,446	Annual CIP contribution to debt service of $248,446
	CONCOURSE PARKING DECK RESTORATION			240,000				240,000	Annual CIP contribution to debt service of $240,000 (assumes equal Winnebago County contribution); total bond proceeds of $6.1 million for a 20-year term
	GEOGRAPHIC POLICE DISTRICTS CONTRIBUTION			1,000,000				1,000,000	Annual CIP contribution to debt service of $1,000,000
	TOTAL 2019 SPECIAL PROJECTS			**1,738,446**	-	-	-	**1,738,446**	
2020	DOWNTOWN PARKING STRUCTURE ANNUAL DEBT SERVICE			250,000				250,000	Annual CIP contribution to debt service of $250,000; total bond proceeds of $10.78 million for a 20-year term
	AMTRAK STATION			248,446				248,446	Annual CIP contribution to debt service of $248,446
	CONCOURSE PARKING DECK RESTORATION			240,000				240,000	Annual CIP contribution to debt service of $240,000 (assumes equal Winnebago County contribution); total bond proceeds of $6.1 million for a 20-year term
	GEOGRAPHIC POLICE DISTRICTS CONTRIBUTION			1,000,000				1,000,000	Annual CIP contribution to debt service of $1,000,000
	TOTAL 2020 SPECIAL PROJECTS			**1,738,446**	-	-	-	**1,738,446**	
	TOTAL SPECIAL PROJECTS			**10,266,784**	**-**	**1,113,000**	**-**	**9,153,784**	

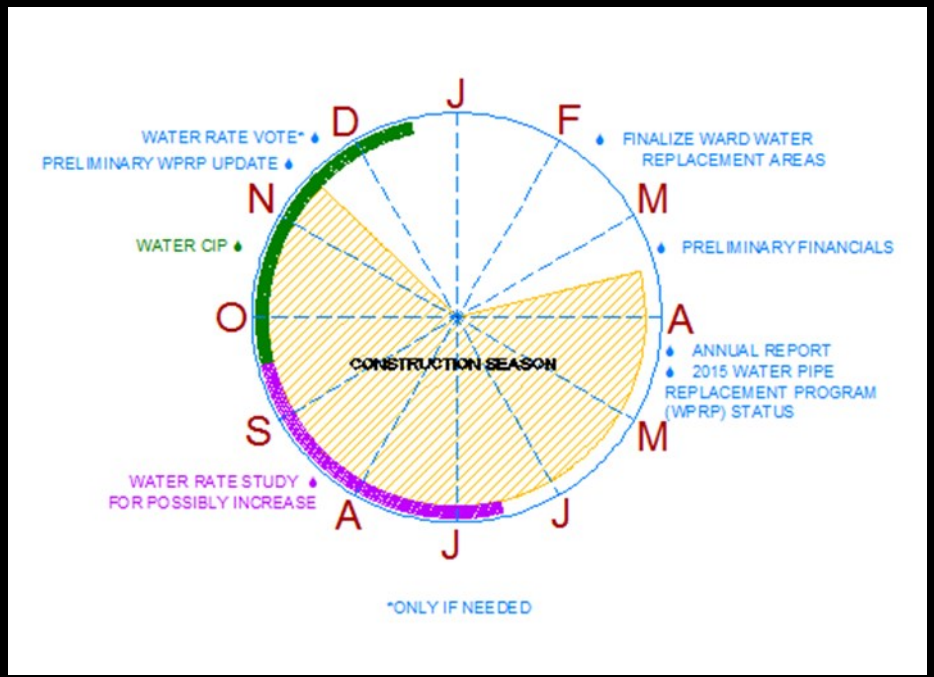
WATER IMPROVEMENTS

The City of Rockford – Public Works Water Division maintains approximately 850 miles of water main, 26 wells and treatment facilities, ten water filtration systems, five major reservoirs, two elevated towers, and ten zone control valves. These components allow the City to produce, treat and distribute enough high quality water to meet the daily water demand of residents and businesses. Maintaining these systems to ensure enough high quality drinking water is available now and in the future requires major capital outlays.

On November 16, 2015 City Council voted to restructure and increase water rates. In doing so, City Council recognized the need to fund a Water Pipe Replacement Program (WPRP). In 2016 the Water Pipe Replacement Program will largely be made up of previously committed projects such as South Main Street, North Main Street and Harrison Avenue. Nevertheless, the process of selecting water pipe replacement projects will be initiated in 2016. This process entails the systematic evaluation of several factors including, age of the water main, main break history, condition of the overlying roadway/plans for roadway reconstruction, importance in serving critical customers (i.e. hospitals), and the improvement of system hydraulics (i.e. fire protection).

Taken together these factors are used to assign an overall risk score for each segment of pipe in the water system. Thus, the WPRP is a risked-based priority improvement program.

Evaluating the risk of water main failure and conducting a capital improvement program based on that risk is a continuous process. The graphic below shows how the WPRP is part of the annual cycle of planning and budgeting for the Water Division.



Harrison Avenue Water Main Improvements– 20th Street to 9th Street

In conjunction with the roadway reconstruction project, the Water Division, under the same contract, will be replacing and upsizing the water main (including hydrants and services to the property lines) from 9th Street to just past 20th Street where it will tie into Zone Control Valve (ZCV) No. 7. The replacement and upsizing was based on the analysis performed by MWH in April of 2010. By taking the opportunity to improve our water main at this time, the City will be providing a strong transmission main that connects the central pressure zone to the east zone and the west zone through the zone control valves (ZCV No. 7).

S. Main Street Water Main Improvements - Clifton Ave. to Cedar Street

In conjunction with the Illinois Department of Transportation's South Main Street reconstruction plans, the Water Division, under the same contract, is currently replacing and upsizing the water main (including hydrants and services to the property lines) from approximately Ogilby Ave. to Cedar Street. The existing water main ranges in size from 6" to 8" and age from 1905 to 1944. The replacement and upsizing was based on the system analysis performed by MWH in April of 2010. To date, the water main has been replaced from Ogilby Ave. to just south Knowlton, and from Kent Street to Cedar Street. All water main installation is anticipated to be completed in 2016.

North Main Water Main Improvements – Auburn Street to Riverside Blvd.

In conjunction with the Illinois Department of Transportation's North Main Street reconstruction plans, the Water Division, under the same contract, is currently replacing and upsizing the water main (including hydrants and services to the property lines) from approximately Yonge Street to Willoughby Ave. The existing water main is 8" in size and ranges in age from 1910 to 1940. The replacement and upsizing was based on the system analysis performed by MWH in April of 2010.

Corrosion Control Study

There are many areas throughout the City with corrosive soils that have a negative effect on the City's water main. The Water Division is researching and implementing anti-corrosion measures to slow down or stop the impact on the City's water main. This will be an ongoing process which will ultimately lead to a corrosion abatement program.

Water Replacement & Improvements – System Wide

This annually occurring item includes construction, material, and engineering costs for capital improvements done by our internal staff or contracted out through water operations. This is included in the water production and distribution operations budget.

Well 17 Water Main Improvements

During Summer 2014, Well 17 was abandoned and the building was demolished. As a part of the site abandonment, additional water main work will occur to remove the transmission line that feed the well. Storm sewer installation will also occur so that proper drainage will be achieved.

West State Street – Water Main Improvements – Sunset Ave. to Day Ave.

Prior to the Illinois Department of Transportation's (IDOTs) West State Street Reconstruction project between Sunset Ave. and Day Ave., the Water Division will abandoning the water main in West State Street and upgrading the system through side street loops or cross-connections. Due to the funding source for IDOT's project, the water main work was not able to be included as part of their work. The replacement and upsizing was based on the system analysis performed by MWH in April of 2010.

Stanley St. Pump Station – Radium Treatment

The source of water supply to the Stanley Street Pumping Station consists of four wells. Three of the wells were originally constructed in the 1930s and have trace amounts of volatile organic compounds (VOCs). A forth well drilled in 2008 is used to dilute the concentration of VOCs. However, the water from that well has elevated radium concentrations. The wells constructed in the 1930s are far beyond their life expectancy and need to be abandoned. The 2008 well can be used as the sole source of water to the pumping station with treatment to remove radium. This project consists of abandoning the three 1930s-vintage wells and adding radium treatment to the well drilled in 2008.

Water Main Corrosion Abetment

Based on the results of the corrosion control study, projects will be implemented in high corrosive areas to abate water main deterioration.

System Expansion

This project is associated with any water main extensions/expansion that may be needed for the programmed year. Projects that have been identified but are not programmed include Renaissance Corners Subdivision, and Prairie Pump Company Subdivision, amongst others.

Well 13 Reservoir Repairs

In the spring of 2014, Strand Associates performed reservoir observation services for the City of Rockford. Based on that inspection, it was found that the lining in the reservoir is in desperate need of repair. The repairs that are needed include but are not limited to concrete repairs, crack/joint repairs, and lining.

Well 30 Reservoir Repairs

In the spring of 2014, Strand Associates performed reservoir observation services for the City of Rockford. Based on that inspection, it was found that the exterior of the reservoir is in need of repair. The repairs that are needed include but are not limited to concrete repairs, new overflow installation, and crack/joint repairs.

Neighborhood Water Main Replacement

Water main replacement that will be replaced based on the High Risk Analysis and Water Pipe Replacement Program. These locations will be identified in conjunction with the CIP Neighborhood Program.

Well/Reservoir Maintenance and Repair

This annually occurring item includes construction, material, and engineering costs for Well/Reservoir projects that may be needed for the programmed year. Projects that have been identified but are not programmed include Well 45 Reservoir Replacement.

South Madison Street Water Main Replacement

This project replaces water main that is high risk due to age.

Well 35 and 9 Chemical Room Improvements

The Illinois Environmental Protection Agency has mandated that the chemical rooms at Well 35 and 9 be updated to meet new requirements. This project will bring those locations into compliance.

Island Avenue (S Main to West) Water Main Replacement

This project will replace water main that is high risk due to age, size, and main break history.

Highland (State to Jackson) Water Main Replacement

This project will replace water main that is high risk due to age, size, and main break history.

Wilshire Ave & Day Ave Water Main Installation

This project has been identified as a high risk water quality issue. The water main in this area needs to be looped so that flow is continuous and the customers receive quality water.

Edgebrook Area Water Main Replacement

This will be a phased project that replaces undersized high risk water main and moves the water main location from resident's backyards to the right-of-way.

CITY OF ROCKFORD
FY 2016-2020 COMMITTED AND PROGRAMMED WATER PROJECTS

	PROJECT	LOCATION		PROJECT FUNDING	NARRATIVE
		FROM	TO	WRIA	
2016 COMMITTED PROJECTS	HARRISON AVE	20TH ST.	9TH ST.	1,100,000	Replacing and upsizing the water main (including hydrants and services to the property lines) from 9th Street to just past 20th Street where it will tie into Zone Control Valve (ZCV) No. 7.
	NORTH MAIN	AUBURN ST.	RIVERSIDE BLVD.	2,000,000	Replacing and upsizing the water main (including hydrants and services to the property lines) from approximately Yonge Street to Willoughby Ave.
	SOUTH MAIN ST WATER MAIN	CLIFTON AVE.	CEDAR ST.	1,140,000	Replacing and upsizing the water main (including hydrants and services to the property lines) from approximately Ogilby Ave. to Cedar Street.
	WATER MAIN REPLACEMENT & IMPROVEMENT			1,200,000	This annually occurring item includes construction, material and engineering costs for capital improvements done by our internal staff or contracted out through water operations.
	CIP OVERHEAD ALLOCATION			150,000	
	OVERHEAD			200,000	
	TOTAL 2016 COMMITTED WATER PROJECTS			**5,790,000**	

	PROJECT	LOCATION FROM	LOCATION TO	PROJECT FUNDING WRIA	NARRATIVE
2016 PROGRAMMED PROJECTS	ISLAND AVENUE WATER MAIN REPLACEMENT	SOUTH MAIN ST.	WEST ST.	300,000	This project will replace water main that is high risk due to age, size, and main break history.
	NEIGHBORHOOD WATER MAIN REPLACEMENT			500,000	Water main replacement that will be replaced based on the High Risk Analysis and Water Pipe Replacement Program.
	ROCKFORD-ZIOCK/REGIONAL MULTI-MODAL AREA WATER MAIN IMPROVEMENTS			200,000	
	STANLEY ST PUMP STATION RADIUM TREATMENT			250,000	Three of the wells were originally constructed in the 1920s and have trace amounts of volatile organic compounds (VOCs).
	SYSTEM EXPANSION	BRADLEY HEIGHTS, BALCITIS PUMP CO. RENAISSANCE CORNERS PHASE II, ET AL.		500,000	This project is associated with any water main extensions/expansion that may be needed for the programmed year.
	WELL 13 RESERVOIR REPAIRS			390,000	The repairs that are needed include but are not limited to concrete repairs, crack/joint repairs, and lining.
	WELL 17 WATER MAIN IMPROVEMENTS			35,000	As a part of the site abandonment, additional water main work will occur to remove the transmission line that feed the well.
	WELL 30 RESERVOIR REPAIRS			65,000	The repairs that are needed include but are not limited to concrete repairs, new overflow installation, and crack/joint repairs
	WILSHIRE AVE WATER MAIN INSTALLATION	WILSHIRE AVE	DAY AVE	200,000	This project has been identified as a high risk water quality issue.
	TOTAL 2016 PROGRAMMED WATER PROJECTS			**2,440,000**	
	2016 WRIA BUDGET			**8,250,000**	
	2016 TOTAL COMMITTED & PROGRAMMED			**8,230,000**	
	SURPLUS/(DEFICIT)			**2,460,000**	

	PROJECT	LOCATION FROM	LOCATION TO	PROJECT FUNDING WRIA	NARRATIVE
2017 COMMITTED PROJECTS	HARRISON AVENUE	20TH ST.	9TH ST.	1,000,000	Replacing and upsizing the water main (including hydrants and services to the property lines) from 9th Street to just past 20th Street where it will tie into Zone Control Valve (ZCV) No. 7.
	NORTH MAIN	AUBURN ST.	RIVERSIDE BLVD.	500,000	Replacing and upsizing the water main (including hydrants and services to the property lines) from approximately Yonge Street to Willoughby Ave.
	WATER REPLACEMENT & IMPROVEMENT	SYSTEM WIDE		1,200,000	This annually occurring item includes construction, material and engineering costs for capital improvements done by our internal staff or contracted out through water operations.
	WEST STATE STREET PHASE II	SUNSET AVE.	DAY AVE.	900,000	Abandon the water main in West State Street and upgrading the system through side street loops or cross-connections.
	CIP OVERHEAD ALLOCATION			150,000	
	OVERHEAD			200,000	
	TOTAL 2017 COMMITTED WATER PROJECTS			**3,950,000**	
2017 PROGRAMMED PROJECTS	STANLEY ST PUMP STATION RADIUM TREATMENT			1,750,000	The source of water supply to the Stanley Street Pumping Station consists of four wells. Three of the wells were originally constructed in the 1920s and have trace amounts of volatile organic compounds (VOCs).
	SYSTEM EXPANSION	BRADLEY HEIGHTS, BALCITIS PUMP CO. RENAISSANCE CORNERS PHASE II, ET AL.		500,000	This project is associated with any water main extensions/expansion that may be needed for the programmed year. Projects that have been identified but are not programmed include Renaissance Corners Subdivision, Prairie Pump Company Subdivision, and so forth.
	WATER MAIN CORROSION ABATEMENT			250,000	Based on the results of the corrosion control study, projects will be implemented in high corrosive areas to abate water main deterioration.
	WELL 13 RESERVOIR REPAIRS			390,000	The repairs that are needed include but are not limited to concrete repairs, crack/joint repairs, and lining.
	WELL 30 RESERVOIR REPAIRS			65,000	The repairs that are needed include but are not limited to concrete repairs, new overflow installation, and crack/joint repairs.
	NEIGHBORHOOD WATER MAIN REPLACEMENT			800,000	Water main replacement that will be replaced based on the High Risk Analysis and Water Pipe Replacement Program. These locations will be identified in conjunction with the CIP Neighborhood Program.
	TOTAL 2017 PROGRAMMED WATER PROJECTS			**3,755,000**	
	2017 WRIA REVENUE BUDGET			**7,500,000**	
	2017 TOTAL COMMITTED & PROGRAMMED			**7,705,000**	
	SURPLUS/(DEFICIT)			**(205,000)**	

	PROJECT	LOCATION FROM	LOCATION TO	PROJECT FUNDING WRIA	NARRATIVE
2018 COMMITTED PROJECTS	WATER REPLACEMENT & IMPROVEMENT	SYSTEM WIDE		1,200,000	This annually occurring item includes construction, material and engineering costs for capital improvements done by our internal staff or contracted out through water operations.
	CIP OVERHEAD ALLOCATION			150,000	
	OVERHEAD			200,000	
	TOTAL 2018 COMMITTED WATER PROJECTS			**1,550,000**	
2018 PROGRAMMED PROJECTS	SYSTEM EXPANSION	BRADLEY HEIGHTS, BALCITIS PUMP CO. RENAISSANCE CORNERS PHASE II, ET AL.		500,000	This project is associated with any water main extensions/expansion that may be needed for the programmed year.
	WATER MAIN CORROSION ABATEMENT			250,000	Based on the results of the corrosion control study, projects will be implemented in high corrosive areas to abate water main deterioration.
	WELL/RESERVOIR MAINTENANCE AND REPAIR			500,000	Projects that have been identified but are not programmed include Well 45 Reservoir Replacement.
	NEIGHBORHOOD WATER MAIN REPLACEMENT			1,500,000	Water main replacement that will be replaced based on the High Risk Analysis and Water Pipe Replacement Program.
	SOUTH MADISON STREET WATER MAIN REPLACEMENT	WALNUT STREET	RAILROAD TRACKS	400,000	This project replaces water main that is high risk due to age.
	WELL 35 AND 9 CHEMICAL ROOM IMPROVMENTS			1,150,000	The Illinois Environmental Protection Agency has mandated that the chemical rooms at Well 35 and 9 be updated to meet new requirements.
	NORTH HIGHLAND AVENUE	EAST STATE ST	JACKSON STREET	500,000	This project will replace water main that is high risk due to age, size, and main break history.
	EDGEBROOK AREA WATER MAIN REPLACMENT	PHASE 1		1,000,000	This will be a phased project that replaces undersized high risk water main and moves the water main location from resident's backyards to the right-of-way.
	TOTAL 2018 PROGRAMMED WATER PROJECTS			**5,800,000**	
	2018 WRIA REVENUE BUDGET			**7,725,000**	
	2018 TOTAL COMMITTED & PROGRAMMED			**7,350,000**	
	SURPLUS/(DEFICIT)			**375,000**	
2019 COMMITTED PROJECTS	WATER REPLACEMENT & IMPROVEMENT	SYSTEM WIDE		1,200,000	This annually occurring item includes construction, material and engineering costs for capital improvements done by our internal staff or contracted out through water operations.
	CIP OVERHEAD ALLOCATION			150,000	
	OVERHEAD			200,000	
	TOTAL 2019 COMMITTED WATER PROJECTS			**1,550,000**	

	PROJECT	LOCATION FROM	LOCATION TO	PROJECT FUNDING WRIA	NARRATIVE
2019 PROGRAMMED PROJECTS	SYSTEM EXPANSION	BRADLEY HEIGHTS, BALCITIS PUMP CO. RENAISSANCE CORNERS PHASE II, ET AL.		500,000	This project is associated with any water main extensions/expansion that may be needed for the programmed year. Projects that have been identified but are not programmed include Renaissance Corners Subdivision, Prairie Pump Company Subdivision, and so forth.
	WATER MAIN CORROSION ABATEMENT			250,000	Based on the results of the corrosion control study, projects will be implemented in high corrosive areas to abate water main deterioration.
	WELL/RESERVOIR MAINTENANCE AND REPAIR			500,000	This annually occurring item includes construction, material, and engineering costs for Well/Reservoir projects that may be needed for the programmed year. Projects that have been identified but are not programmed include Well 45 Reservoir Replacement.
	NEIGHBORHOOD WATER MAIN REPLACEMENT			4,000,000	Water main replacement that will be replaced based on the High Risk Analysis and Water Pipe Replacement Program. These locations will be identified in conjunction with the CIP Neighborhood Program.
	EDGEBROOK AREA WATER MAIN REPLACMENT	PHASE 2		1,000,000	This will be a phased project that replaces undersized high risk water main and moves the water main location from resident's backyards to the right-of-way.
	TOTAL 2019 PROGRAMMED WATER PROJECTS			**6,250,000**	
	2019 WRIA REVENUE BUDGET			**7,950,000**	
	2019 TOTAL COMMITTED & PROGRAMMED			**7,800,000**	
	SURPLUS/(DEFICIT)			**150,000**	
2020 COMMITTED PROJECTS	WATER REPLACEMENT & IMPROVEMENT	SYSTEM WIDE		1,200,000	This annually occurring item includes construction, material and engineering costs for capital improvements done by our internal staff or contracted out through water operations.
	CIP OVERHEAD ALLOCATION			150,000	
	OVERHEAD			200,000	
	TOTAL 2020 COMMITTED WATER PROJECTS			**1,550,000**	

	PROJECT	LOCATION FROM	TO	PROJECT FUNDING WRIA	NARRATIVE
2020 PROGRAMMED PROJECTS	SYSTEM EXPANSION	BRADLEY HEIGHTS, BALCITIS PUMP CO. RENAISSANCE CORNERS PHASE II, ET AL.		500,000	This project is associated with any water main extensions/expansion that may be needed for the programmed year. Projects that have been identified but are not programmed include Renaissance Corners Subdivision, Prairie Pump Company Subdivision, and so forth.
	WATER MAIN CORROSION ABATEMENT			250,000	Based on the results of the corrosion control study, projects will be implemented in high corrosive areas to abate water main deterioration.
	WELL/RESERVOIR MAINTENANCE AND REPAIR			500,000	This annually occurring item includes construction, material, and engineering costs for Well/Reservoir projects that may be needed for the programmed year. Projects that have been identified but are not programmed include Well 45 Reservoir Replacement.
	NEIGHBORHOOD WATER MAIN REPLACEMENT			4,000,000	Water main replacement that will be replaced based on the High Risk Analysis and Water Pipe Replacement Program. These locations will be identified in conjunction with the CIP Neighborhood Program.
	EDGEBROOK AREA WATER MAIN REPLACMENT	PHASE 3		1,000,000	This will be a phased project that replaces undersized high risk water main and moves the water main location from resident's backyards to the right-of-way.
	TOTAL 2020 PROGRAMMED WATER PROJECTS			**6,250,000**	
	2020 WRIA REVENUE BUDGET			**8,175,000**	
	2020 TOTAL COMMITTED & PROGRAMMED			**7,800,000**	
	SURPLUS/(DEFICIT)			**375,000**	

THE CITY OF
ROCKFORD
ILLINOIS, USA

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