City of Carroll

112 E. 5th Street Carroll, Iowa 51401-2799 (712) 792-1000 FAX: (712) 792-0139

MEMO TO: Honorable Mayor and City Council Members

FROM: Mike Pogge-Weaver, City Manager MPW

DATE: December 22, 2016

SUBJECT: 2018-2022 Capital Improvement Plan (CIP)

The City of Carroll has been completing CIP budgets for more than a decade. The proposed CIP takes into consideration the Strategic Planning session of the Council, functional needs identified by Staff (who deliver the services) and citizens through public comments and other methods. The CIP provides the opportunity to implement the Council and community priorities and include them in the future annual budgets. As such, the CIP will become the bases for the 2018 budget, which is currently being developed by staff, and will be formally be given to the Mayor and Council on January 23rd. For that reason, it is important for Council to either approve the plan as presented or make any changes to it and approve it no later than January 9, 2017. I am prepared to explain in depth any portion of the CIP.

Attached please find the proposed 2018-2022 CIP with supporting documentation. It is presented in three different formats;

1. Projects & Funding Sources by Department
2. Projects by Funding Source
3. Capital Improvement Plan by Project

Also included is the Local Option Sales Tax (LOST) and Hotel/Motel Tax balances based on the proposed CIP.

This year's CIP includes the following new projects that have come directly out of Council's Strategic Planning session or other discussions at the Council table.

1. City Hall/Library Project (Planning Session priority)
2. Graham Park District (Planning Session priority)
3. Corridor Entry Features (Planning Session priority)
4. Sidewalks (Planning Session priority)
5. Golf Cart Shed (Council discussion)

Funding sources are identified for all of the proposed projects through the next five years with the exception of three: Golf Cart Shed, Graham Park District, and Lighting at Youth Sports Complex. Other than the projects without identified funding sources, the proposed funding is projected to leave adequate balances in the funding sources whether it be cash on hand or bonding authority. It is projected that the current debt service levy would not increase to meet principal and interest payments approved under *council voted* authority.

The CIP does include a number of large projects and associated G.O. bond issuances. In total, the CIP as presented lists $17,608,500 in new G.O. bond issuances related to the City Hall/Library project, Rec Center improvements, Street Maintenance Building, Fire Engine replacement, and Corridor Entry Features. Council should discuss these projects and their timing. As a point of reference, our current Debt Service Levy is $1.28762 per $1,000 in value while over the past 10 years it has been as high as $2.01769 per $1,000 in value. Based on a number of staff assumptions and current projected interest rates, if all of these projects were to be undertaken as presented, our Debt Service Levy would likely rise to approximately $2.69890 per $1,000 in value for 2018. As an alternative, if the City were to complete all of the projects except the Rec Center improvements in 2018 and wait on the Rec Center improvements until 2023, the Debt Service Levy rate would increase initially to approximately $1.48725 per $1,000 in value in 2018 and raise to approximately $1.94871 in 2023. Please keep in mind, if any of the assumptions are changed, the approximated levy rates will also change.

The plan also calls for the expenditure of $3,694,982 in LOST funds and $800,000 in Hotel/Motel funds throughout the five-year proposal time period. The estimated balance in both the LOST fund and Hotel/Motel fund at the end of the five years is greater than the current projected balance.

I am available to discuss this proposed CIP 2018-2022 at any time as well as during the Council meeting. Please feel free to call me at any time.

RECOMMENDATION: Motion to adopt the 2018-2022 Capital Improvement Plan.

City of Carroll, Iowa

Capital Improvement Plan

FY 18 thru **FY 22**

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Aquatic Center							
Aquatic Center Slide	AQC-21-001				375,000		*375,000*
LOST					***375,000***		***375,000***
Aquatic Center Total					**375,000**		***375,000***
City Hall							
City Hall/Library Project	CIT-18-001	500,000	2,100,000	5,000,000			*7,600,000*
G.O. Bond (Citizen Vote)			***5,600,000***				***5,600,000***
Non City Sources			***2,000,000***				***2,000,000***
City Hall Total		**500,000**	**2,100,000**	**5,000,000**			***7,600,000***
Fire							
Fire Engine Replacement	FIRE-20-001			375,000			*375,000*
G.O. Bond (Council Vote)				***375,000***			***375,000***
Fire Total				**375,000**			***375,000***
Golf Course							
Golf Cart Shed	GLF-19-001		200,000				*200,000*
Undetermined			***200,000***				***200,000***
Golf Course Total			**200,000**				***200,000***
Parks							
Trails Expansion	PRK-14-001	745,000		600,000		600,000	*1,945,000*
Anticipated Grants				***100,000***		***100,000***	***200,000***
Hotel / Motel Tax		***150,000***	***100,000***	***100,000***	***100,000***	***100,000***	***550,000***
LOST		***291,982***	***150,000***	***150,000***	***150,000***	***150,000***	***891,982***
Graham Park District	PRK-18-001	250,000	250,000				*500,000*
Undetermined		***250,000***	***250,000***				***500,000***
Lighting at Youth Sports Complex	PRK-20-001			450,000			*450,000*
Undetermined			***225,000***	***225,000***			***450,000***
Parks Total		**995,000**	**250,000**	**1,050,000**		**600,000**	***2,895,000***
Recreation Center							
Rec Center Indoor Pool Remodel	REC-18-001		6,300,000				*6,300,000*
G.O. Bond (Citizen Vote)			***6,300,000***				***6,300,000***
Rec Center - East Side Addition	REC-18-002		1,800,000				*1,800,000*
G.O. Bond (Citizen Vote)			***1,800,000***				***1,800,000***
Recreation Center Locker Rooms	REC-18-003		1,200,000				*1,200,000*
G.O. Bond (Citizen Vote)			***1,200,000***				***1,200,000***

Department	Project #	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Theater Improvements	REC-21-001		100,000	150,000			250,000
Hotel / Motel Tax			*100,000*	*150,000*			*250,000*
Recreation Center Total			**9,400,000**	**150,000**			**9,550,000**
Storm Water							
Streambed Stabilization	STW-13-001	350,000					350,000
Storm Water Total		**350,000**					**350,000**
Streets							
Street Maintenance Building	STR-14-003	395,000	3,891,000				4,286,000
G.O. Bond (Citizen Vote)		*1,933,500*					*1,933,500*
LOST		*350,000*					*350,000*
US 30-Grant Intersection	STR-14-004	801,000					801,000
State Grant		*900,000*					*900,000*
Downtown Streetscape Phase 8	STR-15-002	1,352,000					1,352,000
Downtown Streetscape Phase 9	STR-16-002	155,000	1,410,000				1,565,000
Tax Increment Financing		*565,000*	*1,000,000*				*1,565,000*
Corridor Entry Features	STR-17-005	400,000					400,000
G.O. Bond (Council Vote)		*400,000*					*400,000*
Third Street HMA Resurfacing	STR-18-001	965,000					965,000
Federal Grant		*708,000*					*708,000*
LOST		*78,000*					*78,000*
Downtown Streetscape Phase 10	STR-18-002		100,000	900,000			1,000,000
Tax Increment Financing			*100,000*	*900,000*			*1,000,000*
Medium Duty Truck Purchase	STR-18-003	175,000					175,000
Road Use Tax		*175,000*					*175,000*
Street Rehab - 2018	STR-19-001	75,000	625,000				700,000
LOST		*75,000*	*425,000*				*500,000*
Road Use Tax			*100,000*				*100,000*
Storm Water Utility			*100,000*				*100,000*
Downtown Streetscape Phase 11	STR-19-002			165,000	1,490,000		1,655,000
Tax Increment Financing				*165,000*	*1,490,000*		*1,655,000*
Sidewalks	STR-19-003	50,000	50,000	50,000	50,000	50,000	250,000
General Fund Levy		*50,000*	*50,000*	*50,000*	*50,000*	*50,000*	*250,000*
Street Rehab - 2019	STR-20-001		75,000	625,000			700,000
LOST			*75,000*	*425,000*			*500,000*
Road Use Tax				*100,000*			*100,000*
Storm Water Utility				*100,000*			*100,000*
Street Rehab - 2020	STR-21-001			75,000	625,000		700,000
LOST				*75,000*	*425,000*		*500,000*
Road Use Tax					*100,000*		*100,000*
Storm Water Utility					*100,000*		*100,000*
Street Rehab - 2021	STR-22-001				75,000	625,000	700,000
LOST					*75,000*	*425,000*	*500,000*
Road Use Tax						*100,000*	*100,000*
Storm Water Utility						*100,000*	*100,000*
Streets Total		**4,368,000**	**6,151,000**	**1,815,000**	**2,240,000**	**675,000**	**15,249,000**
Wastewater							
Jet/Vac Equipment Purchase	WWTP-14-001	400,000					400,000
Sewer Utility		*400,000*					*400,000*

Department	Project #	FY 18	FY 19	FY 20	FY 21	FY 22	Total
WWTP Improvements-2018	WWTP-15-001	250,000	1,750,000	1,500,000			*3,500,000*
State Loan		***250,000***	***1,750,000***	***1,500,000***			***3,500,000***
WWTP Improvements-2019	WWTP-17-001					500,000	*500,000*
Wastewater Utility						***500,000***	***500,000***
Wastewater Total		**650,000**	**1,750,000**	**1,500,000**		**500,000**	***4,400,000***
Water							
Watermain Replacement	WTR-16-001	50,000	450,000				*500,000*
Water Utility			***450,000***				***450,000***
Watermain Replacement	WTR-17-001		50,000	450,000			*500,000*
Water Utility			***50,000***	***450,000***			***500,000***
Water Meter Replacement	WTR-17-002	250,000	250,000				*500,000*
Water Utility		***250,000***	***250,000***				***500,000***
Watermain Replacement	WTR-18-001			50,000	450,000		*500,000*
Water Utility				***50,000***	***450,000***		***500,000***
Water Total		**300,000**	**750,000**	**500,000**	**450,000**		***2,000,000***
GRAND TOTAL		**7,163,000**	**20,601,000**	**10,390,000**	**3,065,000**	**1,775,000**	***42,994,000***

City of Carroll, Iowa

Capital Improvement Plan

FY 18 thru **FY 22**

PROJECTS BY FUNDING SOURCE

Source	Project #	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Anticipated Grants							
Trails Expansion	*PRK-14-001*			100,000		100,000	*200,000*
Anticipated Grants Total				**100,000**		**100,000**	***200,000***
Federal Grant							
Third Street HMA Resurfacing	*STR-18-001*	708,000					*708,000*
Federal Grant Total		**708,000**					***708,000***
G.O. Bond (Citizen Vote)							
City Hall/Library Project	*CIT-18-001*		5,600,000				*5,600,000*
Rec Center Indoor Pool Remodel	*REC-18-001*		6,300,000				*6,300,000*
Rec Center - East Side Addition	*REC-18-002*		1,800,000				*1,800,000*
Recreation Center Locker Rooms	*REC-18-003*		1,200,000				*1,200,000*
Street Maintenance Building	*STR-14-003*	1,933,500					*1,933,500*
G.O. Bond (Citizen Vote) Total		**1,933,500**	**14,900,000**				***16,833,500***
G.O. Bond (Council Vote)							
Fire Engine Replacement	*FIRE-20-001*			375,000			*375,000*
Corridor Entry Features	*STR-17-005*	400,000					*400,000*
G.O. Bond (Council Vote) Total		**400,000**		**375,000**			***775,000***
General Fund Levy							
Sidewalks	*STR-19-003*	50,000	50,000	50,000	50,000	50,000	*250,000*
General Fund Levy Total		**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	***250,000***
Hotel / Motel Tax							
Trails Expansion	*PRK-14-001*	150,000	100,000	100,000	100,000	100,000	*550,000*
Theater Improvements	*REC-21-001*		100,000	150,000			*250,000*
Hotel / Motel Tax Total		**150,000**	**200,000**	**250,000**	**100,000**	**100,000**	***800,000***
LOST							
Aquatic Center Slide	*AQC-21-001*				375,000		*375,000*
Trails Expansion	*PRK-14-001*	291,982	150,000	150,000	150,000	150,000	*891,982*
Street Maintenance Building	*STR-14-003*	350,000					*350,000*
Third Street HMA Resurfacing	*STR-18-001*	78,000					*78,000*
Street Rehab - 2018	*STR-19-001*	75,000	425,000				*500,000*

Source	Project #	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Street Rehab - 2019	*STR-20-001*		75,000	425,000			*500,000*
Street Rehab - 2020	*STR-21-001*			75,000	425,000		*500,000*
Street Rehab - 2021	*STR-22-001*				75,000	425,000	*500,000*
LOST Total		**794,982**	**650,000**	**650,000**	**1,025,000**	**575,000**	***3,694,982***
Non City Sources							
City Hall/Library Project	*CIT-18-001*		2,000,000				*2,000,000*
Non City Sources Total			**2,000,000**				***2,000,000***
Road Use Tax							
Medium Duty Truck Purchase	*STR-18-003*	175,000					*175,000*
Street Rehab - 2018	*STR-19-001*		100,000				*100,000*
Street Rehab - 2019	*STR-20-001*			100,000			*100,000*
Street Rehab - 2020	*STR-21-001*				100,000		*100,000*
Street Rehab - 2021	*STR-22-001*					100,000	*100,000*
Road Use Tax Total		**175,000**	**100,000**	**100,000**	**100,000**	**100,000**	***575,000***
Sewer Utility							
Jet/Vac Equipment Purchase	*WWTP-14-001*	400,000					*400,000*
Sewer Utility Total		**400,000**					***400,000***
State Grant							
US 30-Grant Intersection	*STR-14-004*	900,000					*900,000*
State Grant Total		**900,000**					***900,000***
State Loan							
WWTP Improvements-2018	*WWTP-15-001*	250,000	1,750,000	1,500,000			*3,500,000*
State Loan Total		**250,000**	**1,750,000**	**1,500,000**			***3,500,000***
Storm Water Utility							
Street Rehab - 2018	*STR-19-001*		100,000				*100,000*
Street Rehab - 2019	*STR-20-001*			100,000			*100,000*
Street Rehab - 2020	*STR-21-001*				100,000		*100,000*
Street Rehab - 2021	*STR-22-001*					100,000	*100,000*
Storm Water Utility Total			**100,000**	**100,000**	**100,000**	**100,000**	***400,000***
Tax Increment Financing							
Downtown Streetscape Phase 9	*STR-16-002*	565,000	1,000,000				*1,565,000*
Downtown Streetscape Phase 10	*STR-18-002*		100,000	900,000			*1,000,000*
Downtown Streetscape Phase 11	*STR-19-002*			165,000	1,490,000		*1,655,000*
Tax Increment Financing Total		**565,000**	**1,100,000**	**1,065,000**	**1,490,000**		***4,220,000***
Undetermined							

Source	Project #	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Golf Cart Shed	*GLF-19-001*		200,000				*200,000*
Graham Park District	*PRK-18-001*	250,000	250,000				*500,000*
Lighting at Youth Sports Complex	*PRK-20-001*		225,000	225,000			*450,000*
Undetermined Total		**250,000**	**675,000**	**225,000**			***1,150,000***
Wastewater Utility							
WWTP Improvements-2019	*WWTP-17-001*					500,000	*500,000*
Wastewater Utility Total						**500,000**	***500,000***
Water Utility							
Watermain Replacement	*WTR-16-001*		450,000				*450,000*
Watermain Replacement	*WTR-17-001*		50,000	450,000			*500,000*
Water Meter Replacement	*WTR-17-002*	250,000	250,000				*500,000*
Watermain Replacement	*WTR-18-001*			50,000	450,000		*500,000*
Water Utility Total		**250,000**	**750,000**	**500,000**	**450,000**		***1,950,000***
GRAND TOTAL		**6,826,482**	**22,275,000**	**4,915,000**	**3,315,000**	**1,525,000**	***38,856,482***

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Aquatic Center
Contact	Park & Rec Director
Type	Construction-New
Useful Life	25 Years
Category	Park Improvements

Project #	AQC-21-001
Project Name	Aquatic Center Slide

Total Project Cost: $375,000

Description

Replace one of the speed slides at the Aquatic Center

Justification

Need a new piece of equipment at the Aquatic Center. Nothing new since opening in 2009.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicles/Furnishings				375,000		375,000
Total				**375,000**		**375,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
LOST				375,000		375,000
Total				**375,000**		**375,000**

Budget Impact/Other

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	City Hall
Contact	City Manager
Type	Renovation
Useful Life	40 years
Category	Buildings

Project #	CIT-18-001
Project Name	City Hall/Library Project

Total Project Cost: $7,600,000

Description

Renovation of current City Hall/Library building at 112 E. 5th Street and current Commercial Savings Bank building at 627 N. Adams Street to house expanded Library and City Hall.

Justification

Library expansion needs

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design	500,000					500,000
Land Acquisition		200,000				200,000
Construction		1,500,000	4,200,000			5,700,000
Equip/Vehicles/Furnishings		400,000	800,000			1,200,000
Total	**500,000**	**2,100,000**	**5,000,000**			**7,600,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
G.O. Bond (Citizen Vote)		5,600,000				5,600,000
Non City Sources		2,000,000				2,000,000
Total		**7,600,000**				**7,600,000**

Budget Impact/Other

Increased operation and maintenance costs

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Fire
Contact	Fire Chief
Type	Equipment-Replace
Useful Life	35 years
Category	Vehicles

Project #	FIRE-20-001
Project Name	Fire Engine Replacement

Total Project Cost: $375,000

Description

Fire Engine: 1,500 G.P.M pump, enclosed cab with five seating positions

Justification

The new engine will remove from service a 1983 GMC Toyne Fire Engine.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicles/Furnishings			375,000			375,000
Total			**375,000**			**375,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
G.O. Bond (Council Vote)			375,000			375,000
Total			**375,000**			**375,000**

Budget Impact/Other

Reduced maintenance and repair costs.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Golf Course
Contact	Park & Rec Director
Type	Construction-New
Useful Life	30 years
Category	Buildings

Project #	GLF-19-001
Project Name	Golf Cart Shed

Total Project Cost: $200,000

Description

Build a 30' x 50' golf cart shed.

Justification

This has been a request of the golfers.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Total Estimate, for setup		200,000				200,000
Total		**200,000**				**200,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Undetermined		200,000				200,000
Total		**200,000**				**200,000**

Budget Impact/Other

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Parks
Contact	Park & Rec Director
Type	Improvement
Useful Life	40 years
Category	Park Improvements

Project #	PRK-14-001
Project Name	Trails Expansion

Total Project Cost: $2,084,200

Description

Construct 8 ft. or 10 ft. wide concrete Citywide trail system approved by the City Council Trails Master Plan. The first segment of the trails is scheduled to be on the northeast side of the community and Sauk Rail Trail connection to West 3rd Street.

Justification

"Trails expansion" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
139,200	Construction	745,000		600,000		600,000	1,945,000
Total	Total	**745,000**		**600,000**		**600,000**	**1,945,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
442,218	Anticipated Grants			100,000		100,000	200,000
Total	Hotel / Motel Tax	150,000	100,000	100,000	100,000	100,000	550,000
	LOST	291,982	150,000	150,000	150,000	150,000	891,982
	Total	**441,982**	**250,000**	**350,000**	**250,000**	**350,000**	**1,641,982**

Budget Impact/Other

Prior Expenditures: Planning/Design, FY 16/17, $139,200

Prior Funding: Hotel/Motel, FY 15/16, $80,000
LOST, FY 16/17, $240,000
REAP Grant, FY 16/17, $122,218

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Parks
Contact	Park & Rec Director
Type	Improvement
Useful Life	40 years
Category	Park Improvements

Project #	PRK-18-001
Project Name	Graham Park District

Total Project Cost: $500,000

Description

This is the plan that has come from the Iowa State University Study that incorporates the Graham Park District (Graham Park, Carroll Athletic Field, Merchant's Stadium, Carroll Recreation Center, Girls softball field and Carroll Family Aquatic Center) into a common theme.

Justification

"Review Graham Park Athletic District/ISU plan when developed. Investigate Graham Park parking concept" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Park Development	250,000	250,000				500,000
Total	**250,000**	**250,000**				**500,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Undetermined	250,000	250,000				500,000
Total	**250,000**	**250,000**				**500,000**

Budget Impact/Other

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Parks
Contact	Park & Rec Director
Type	Improvement
Useful Life	30 years
Category	Park Improvements

Project #	PRK-20-001
Project Name	Lighting at Youth Sports Complex

Total Project Cost: $450,000

Description

Install new poles and lights to fields 4, 6, and 7.

Justification

Current light poles were installed mid 1990's and are at their life expectancy.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Total Estimate, for setup			450,000			450,000
Total			**450,000**			**450,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Undetermined		225,000	225,000			450,000
Total		**225,000**	**225,000**			**450,000**

Budget Impact/Other

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Recreation Center
Contact	Park & Rec Director
Type	Improvement
Useful Life	40 years
Category	Buildings

Project #	REC-18-001
Project Name	Rec Center Indoor Pool Remodel

Total Project Cost: $6,300,000

Description

Remodel indoor pool area with zero depth entry, slides and more activities for families with young children. Build new whirlpool, sauna and steam room to area where those areas are more accessible during times when the main pool is closed.

Justification

Current pool area is approximately 40 years old, outdated and in need of new amenities.

"Start Rec Center improvement projects" is a New Priority Project of the Planning Session Report 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Total Estimate, for setup		6,300,000				6,300,000
Total		**6,300,000**				**6,300,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
G.O. Bond (Citizen Vote)		6,300,000				6,300,000
Total		**6,300,000**				**6,300,000**

Budget Impact/Other

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Recreation Center
Contact	Park & Rec Director
Type	Construction-New
Useful Life	40 years
Category	Buildings

Project #	REC-18-002
Project Name	Rec Center - East Side Addition

Total Project Cost: $1,800,000

Description

Addition to the east side of the Recreation Center, approximately 50 ft x 100 ft.

Justification

More open space is needed at the Carroll Recreation Center for indoor recreation activities. This is part of the 2007 Recreation Center Master Plan.

"Start Rec Center improvement projects" is a New Priority Project of the Planning Session Report 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Total Estimate, for setup		1,800,000				1,800,000
Total		**1,800,000**				**1,800,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
G.O. Bond (Citizen Vote)		1,800,000				1,800,000
Total		**1,800,000**				**1,800,000**

Budget Impact/Other

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Recreation Center
Contact	Park & Rec Director
Type	Improvement
Useful Life	40 years
Category	Buildings

Project #	REC-18-003
Project Name	Recreation Center Locker Rooms

Total Project Cost: $1,200,000

Description

Remodel of all locker rooms to be ADA compliant and more energy efficient.

Justification

Many of the fixtures and building area needs replacing.

"Start Rec Center improvement projects" is a New Priority Project of the Planning Session Report 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Total Estimate, for setup		1,200,000				1,200,000
Total		**1,200,000**				**1,200,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
G.O. Bond (Citizen Vote)		1,200,000				1,200,000
Total		**1,200,000**				**1,200,000**

Budget Impact/Other

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Recreation Center
Contact	Park & Rec Director
Type	Improvement
Useful Life	30 years
Category	Buildings

Project #	REC-21-001
Project Name	Theater Improvements

Total Project Cost: $250,000

Description

FY 19 - New lighting

FY 20 - New sound system, replace carpeting, update dressing rooms and add WiFi

Justification

Outdated theater

"Start Rec Center improvement projects" is a New Priority Project of the Planning Session Report 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Total Estimate, for setup		100,000	150,000			250,000
Total		**100,000**	**150,000**			**250,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Hotel / Motel Tax		100,000	150,000			250,000
Total		**100,000**	**150,000**			**250,000**

Budget Impact/Other

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Storm Water
Contact	Public Works Director
Type	Construction-New
Useful Life	50 years
Category	Storm Sewer Construction

Project #	STW-13-001
Project Name	Streambed Stabilization

Total Project Cost: $385,000

Description

Construction of Middle Raccoon River streambed stabilization structure.

Justification

Sanitary sewer gravity outfall river crossing is exposed through the river channel as a result of streambed degradation. Sewer lowering is not possible due to head restrictions.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
35,000	Construction	350,000					350,000
Total	Total	**350,000**					**350,000**

Prior
385,000
Total

Budget Impact/Other

Streambed stabilization is anticipated to reduce the probability and cost of future sanitary sewer damage at this location.

Prior Expenditure: Planning/Design, F.Y. 16-17, $35,000

Prior Funding: Storm Water Utility, F.Y. 13-14, $385,000

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Construction-New
Useful Life	40 years
Category	Buildings

Project #	STR-14-003
Project Name	Street Maintenance Building

Total Project Cost: $4,308,500

Description

Construction of shop addition, maintenance area and unheated storage. Renovation of existing Street Maintenance Garage.

Proposed Schedule:

Preliminary Design	July, 2017
Final Design	December, 2017
Bidding	March, 2018
Begin Construction	July, 2018

Justification

Needs identified in Maximus, Inc. Facilities Space Needs Assessment, January 2001.

"Street maintenance building-develop financing plan" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
22,500	Planning/Design	395,000					395,000
Total	Construction		3,891,000				3,891,000
	Total	**395,000**	**3,891,000**				**4,286,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
2,025,000	G.O. Bond (Citizen Vote)	1,933,500					1,933,500
Total	LOST	350,000					350,000
	Total	**2,283,500**					**2,283,500**

Budget Impact/Other

Budget impact of proposed Street Maintenance Building will include utility and future maintenance and repair costs. Current building is anticipated to be utilized for storage. Utility costs are anticipated to be reduced.

Prior Expenditure: Planning/Design, F.Y. 15-16, $22,500

Prior Funding: General Fund, F.Y. 13-14, $75,000
General Fund, F.Y. 16-17, $350,000
LOST, F.Y. 16-17, $1,600,000

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Construction-New
Useful Life	40 years
Category	Street Construction

Project #	STR-14-004
Project Name	US 30-Grant Intersection

Total Project Cost: $1,521,600

Description

Proposed Improvement Plan
Based on intersection safety performance and identified concerns, the City of Carroll proposes roadway widening and replacement of the traffic signal at the intersection. This widened intersection and new signal would operate more efficiently and improve safety by providing turn lanes, improving visibility of signal heads by installing mast arms, and reducing fixed object crash potential.

Based on capacity analysis and the 2013 Iowa DOT TEAP report, 150 ft left turn lanes are proposed for the east and west approaches on US 30. In addition to safety benefits, the proposed left turn lanes will provide additional capacity for US 30 traffic. Due to R.O.W. constraints and lower traffic volumes, northbound and southbound traffic on Grant Road will maintain single lane approaches.

Cost Breakdown

Administration, Engineering and Construction Services	$284,600
ROW Acquisition	$521,000
Construction	$716,000
Total Estimate	$1,521,600

Notes:
1. Assume existing longitudinal storm sewer remains in place.
2. Assume existing bridge is extended.

Project Schedule

August 2013	TSIP Application
December 2013	Iowa DOT Approval
April 2014	TSIP Agreement
April 2014 - March 2017	Project Engineering & Project Right-of-way Acquisition
March 2017	Project Letting
March 2017 - November 2017	Project Construction

Justification

Traffic Engineering Assistance Program (TEAP) Study recommendations, 2013.

As the TEAP Study and preliminary design are completed identifying improvements and costs, funding sources to be reviewed include, but are not necessarily limited to the following:

Tax Increment Financing (TIF)
Local Option Sales Tax (LOST)
Surface Transportation Program (STP)
Traffic Safety Improvement Program (TSIP)
Urban-State Traffic Engineering Program (U-STEP)

"Grant Rd/Hwy 30 Improvements" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
720,600	Planning/Design	85,000					85,000
Total	Construction	716,000					716,000
	Total	**801,000**					**801,000**

Capital Improvement Plan

FY 18 *thru* FY 22

Department Streets

City of Carroll, Iowa

Contact Public Works Director

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
950,000	State Grant	900,000					900,000
Total	Total	**900,000**					**900,000**

Budget Impact/Other

Operation costs of proposed signals are anticipated to be similar to existing signals. Future pavement maintenance costs will be the responsibility of DOT.

Prior Expenditure:	Engineering	F.Y. 14-15, $35,728
	Engineering	F.Y. 15-16, $99,220
	Engineering	F.Y. 16-17, $64,652 Est.
	ROW	F.Y. 16-17, $521,000 Est.
Prior Funding:	LOST	F.Y. 13-14, $300,000
	TIF	F.Y. 15-16, $650,000
	State Grant	TSIP, $500,000
		U-STEP, $400,000

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Improvement
Useful Life	40 years
Category	Street Construction

Project #	STR-15-002
Project Name	Downtown Streetscape Phase 8

Total Project Cost: $1,452,000

Description

The Downtown Streetscape Phase 8 project is a continuation of the Corridor of Commerce Downtown improvements to create a finely detailed civic streetscape and space. The project limits for Phase 8 include the following:

Main Street: UPRR to 5th Street
West Street: 6th Street to 7th Street
5th Street: Carroll Street to Alley
NE Access Road: 10th Street to 15th Street
Fourth Street Parking Lot: Court Street to Clark Street

Estimated Project Cost:

Engineering, etc. $100,000
Construction $1,352,000
Total $1,452,000

The design palette includes sidewalks, lighting, and street corners (pavers).

Justification

The Corridor of Commerce Masterplan, April 2003, prepared by Brian Clark and Associates, included a design vision to transform Highway 30 into a grand, civic statement of quality and to awaken the potential of downtown. Phase 8 is an eighth project in the Heart of Downtown Zone reflecting the City's history, culture and pride through pedestrian-scaled spaces that are welcoming, unique and support the strong traditions of the City.

"Continue Corridor of Commerce Streetscapes on a planned basis" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
100,000	Construction	1,352,000					1,352,000
Total	Total	**1,352,000**					**1,352,000**

Prior
1,452,000
Total

Budget Impact/Other

Future operation includes metered electrical costs for street lighting. Lighting will also require maintenance and repair.

Prior Expenditures: Planning/Design, F.Y. 14-15, $22,798
Planning/Design, F.Y. 15-16, $31,254
Planning/Design, F.Y. 16-17, $45,948 Est.

Prior Funding: WUF-TIF, F.Y. 14-15, $700,000
WUF-TIF, F.Y. 15-16, $265,000
WUF-TIF, F.Y. 16-17, $487,000

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Improvement
Useful Life	40 years
Category	Street Construction

Project #	STR-16-002
Project Name	Downtown Streetscape Phase 9

Total Project Cost: $1,565,000

Description

The Downtown Streetscape Phase 9 project is a continuation of the Corridor of Commerce Downtown improvements to create a finely detailed civic streetscape and space. The project limits for Phase 9 include the following:

Clark Street: 4th Street to 7th Street
5th Street: Court Street to Clark Street
Alley to West Street
West Street: 5th Street to 7th Street

The design palette includes sidewalks, lighting, and street corners (pavers).

Justification

The Corridor of Commerce Masterplan, April 2003, prepared by Brian Clark and Associates, included a design vision to transform Highway 30 into a grand, civic statement of quality and to awaken the potential of downtown. Phase 9 is a ninth project in the Heart of Downtown Zone reflecting the City's history, culture and pride through pedestrian-scaled spaces that are welcoming, unique and support the strong traditions of the City.

"Continue Corridor of Commerce Streetscapes on a planned basis" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design	155,000					155,000
Construction		1,410,000				1,410,000
Total	**155,000**	**1,410,000**				**1,565,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Tax Increment Financing	565,000	1,000,000				1,565,000
Total	**565,000**	**1,000,000**				**1,565,000**

Budget Impact/Other

Future operation includes metered electrical costs for street lighting. Lighting will also require maintenance and repair.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Construction-New
Useful Life	40 years
Category	Street Construction

Project #	STR-17-005
Project Name	Corridor Entry Features

Total Project Cost: $440,000

Description

Construction of city signs at entryways to the City.

Justification

"City signs at entryways to City" is a an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
40,000	Construction	400,000					400,000
Total	Total	**400,000**					**400,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
40,000	G.O. Bond (Council Vote)	400,000					400,000
Total	Total	**400,000**					**400,000**

Budget Impact/Other

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Maintenance
Useful Life	20 years
Category	Street Construction

Project #	STR-18-001
Project Name	Third Street HMA Resurfacing

Total Project Cost: $1,036,000

Description

The Third Street Improvement project includes rehabilitation of existing Third Street within the City of Carroll. The project is located on Third Street from U.S. 71 to Grant Road, a length of approximately 1.0 mile. Rehabilitation includes storm sewer construction; milling; Portland cement concrete patching, curb repair and sidewalk repair; flexible pavement material surfacing and other associated work.

Project Schedule

Concept Statement	September, 2016
Preliminary Plans	September, 2016
Check Plans	November, 2016
Final Plans	December, 2016
Bidding	March, 2017
Construction	2017

Justification

The City participates in the Iowa Pavement Management Program administered by the Center for Transportation Research and Education at Iowa State University. Bianually, roadway condition assessment is performed on all paved streets utilizing automated data collection procedures. The condition data is analyzed with a pavement management program. One of the results of the pavement management program is a priority ranking of street work. The priorities are field reviewed, adjusted if needed and recommended for the CIP.

"Continue street improvements" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
71,000	Planning/Design	80,000					80,000
Total	Construction	885,000					885,000
	Total	**965,000**					**965,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
250,000	Federal Grant	708,000					708,000
Total	LOST	78,000					78,000
	Total	**786,000**					**786,000**

Budget Impact/Other

Reduced maintenance and repair by Street Division is anticipated.

Prior Expenditures: Planning/Design, F.Y. 16-17 $71,000

Prior Funding: LOST, F.Y. 16-17, $250,000

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Improvement
Useful Life	40 years
Category	Street Construction

Project #	STR-18-002
Project Name	Downtown Streetscape Phase 10

Total Project Cost: $1,000,000

Description

The Downtown Streetscape Phase 10 project is a continuation of the Corridor of Commerce Downtown improvements to create a finely detailed civic streetscape and space. The project limits for Phase 10 include the following:

7th Street: West Street to Carroll Street
7th Street: Main Street to Clark Street

The design palette includes sidewalks, lighting and signage (limited).

Justification

The Corridor of Commerce Masterplan, April 2003, prepared by Brian Clark and Associates, included a design vision to transform Highway 30 into a grand, civic statement of quality and to awaken the potential of downtown. Phase 10 is a tenth project located in the Heart of Downtown Zone reflecting the City's history, culture and pride through spaces that are welcoming, unique and support the strong traditions of the City.

"Continue Corridor of Commerce Streetscapes on a planned basis" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design		100,000				100,000
Construction			900,000			900,000
Total		**100,000**	**900,000**			**1,000,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Tax Increment Financing		100,000	900,000			1,000,000
Total		**100,000**	**900,000**			**1,000,000**

Budget Impact/Other

Future operation includes metered electrical costs for street lighting. Lighting will also require maintenance and repair.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Equipment-Replace
Useful Life	15 years
Category	Equipment

Project #	STR-18-003
Project Name	Medium Duty Truck Purchase

Total Project Cost: $175,000

Description

Purchase of a Medium Duty Truck with dump box, front mount snow plow and underbody blade. Estimated cost is $190,000; trade-in value estimated at $15,000

Justification

Replacement of existing Medium Duty Truck #24; 2001 model year, approx. 50,000 miles and 5100 hours.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicles/Furnishings	175,000					175,000
Total	**175,000**					**175,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Road Use Tax	175,000					175,000
Total	**175,000**					**175,000**

Budget Impact/Other

Reduced maintenance and repair on truck.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Maintenance
Useful Life	20 years
Category	Street Construction

Project #	STR-19-001
Project Name	Street Rehab - 2018

Total Project Cost: $700,000

Description

Removal and replacement of curb and gutter, storm sewer and appurtenances, pavement scarification, full-depth PCC patching, driveways and sidewalks, subdrains, HMA resurfacing and other associated work on the following tentatively proposed street segments:

East Street: U.S. 30 to 10th Street

Justification

The City participates in the Iowa Pavement Management Program administered by the Center for Transportation Research and Education at Iowa State University. Bianually, roadway condition assessment is performed on all paved streets utilizing automated data collection procedures. The condition data is analyzed with a pavement management program. One of the results of the pavement management program is a priority ranking of street work. The priorities are field reviewed, adjusted if needed and recommended for the CIP.

The system goal is to maintain an average pavement condition index (pci) of 50 with a minimum pci of 30.

"Continue street improvements" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design	75,000					75,000
Construction		625,000				625,000
Total	**75,000**	**625,000**				**700,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
LOST	75,000	425,000				500,000
Road Use Tax		100,000				100,000
Storm Water Utility		100,000				100,000
Total	**75,000**	**625,000**				**700,000**

Budget Impact/Other

Reduced maintenance and repair by Street Division is anticipated.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Improvement
Useful Life	40 years
Category	Street Construction

Project #	STR-19-002
Project Name	Downtown Streetscape Phase 11

Total Project Cost: $1,655,000

Description

The Downtown Streetscape Phase 11 project is a continuation of the Corridor of Commerce Downtown improvements to create a finely detailed civic streetscape and space. The project limits for Phase 11 include the following:

U.S. 30: U.S. 71 to West Street
U.S. 30: Clark Street to Grant Road

The design palette includes sidewalks, lighting and signage (limited).

Justification

The Corridor of Commerce Masterplan, April 2003, prepared by Brian Clark and Associates, included a design vision to transform Highway 30 into a grand, civic statement of quality and to awaken the potential of downtown. Phase 11 is an eleventh project located in the Heart of Downtown Zone reflecting the City's history, culture and pride through spaces that are welcoming, unique and support the strong traditions of the City.

"Continue Corridor of Commerce Streetscapes on a planned basis" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design			165,000			165,000
Construction				1,490,000		1,490,000
Total			**165,000**	**1,490,000**		**1,655,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Tax Increment Financing			165,000	1,490,000		1,655,000
Total			**165,000**	**1,490,000**		**1,655,000**

Budget Impact/Other

Future operation includes metered electrical costs for street lighting. Lighting will also require maintenance and repair.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Improvement
Useful Life	50 years
Category	Sidewalk Construction

Project #	STR-19-003
Project Name	Sidewalks

Total Project Cost: $1,071,000

Description

Improvement of pedestrian related facilities to create accessible paths of travel for the following Implementation Plan:

Priority 1

Number of locations: Unknown, Request/Complaint-based
Estimated number of locations constructed per year: Unknown, Request/Complaint-based
Construction season targeted for completion: Unkown, Request/Complaint-based

Priority 2

Number of locations: 1
Estimated number of locations constructed per year: 1
Construction season targeted for completion: 2017

Priority 3

Number of locations: 70
Estimated number of locations constructed per year: 14
Construction season targeted for completion: 2021

Priority 4

Number of locations: 1,000
Estimated number of locations constructed per year: 50
Construction season targeted for completion: 2037

Justification

The Pedestrian Access Route Transition Plan, June 13, 2016, establishes funding in the amount of $50,000, annually for implementation.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Planning/Design	5,000	5,000	5,000	5,000	5,000	25,000	821,000
Construction	45,000	45,000	45,000	45,000	45,000	225,000	Total
Total	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**250,000**	

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
General Fund Levy	50,000	50,000	50,000	50,000	50,000	250,000	821,000
Total	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**	**250,000**	Total

Budget Impact/Other

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Maintenance
Useful Life	20 years
Category	Street Construction

Project #	STR-20-001
Project Name	Street Rehab - 2019

Total Project Cost: $700,000

Description

Removal and replacement of curb and gutter, storm sewer and appurtenances, pavement scarification, full-depth PCC patching, driveways and sidewalks, subdrains, HMA resurfacing and other associated work on the following tentatively proposed street segments:

Kevin Avenue: 21st Street to Main Street
Le Clark Road: Burgess Avenue to U.S. 30
Radiant Road: Burgess Avenue to U.S. 30

Justification

The City participates in the Iowa Pavement Management Program administered by the Center for Transportation Research and Education at Iowa State University. Bianually, roadway condition assessment is performed on all paved streets utilizing automated data collection procedures. The condition data is analyzed with a pavement management program. One of the results of the pavement management program is a priority ranking of street work. The priorities are field reviewed, adjusted if needed and recommended for the CIP.

The system goal is to maintain an average pavement condition index (pci) of 50 with a minimum pci of 30.

"Continue street improvements" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design		75,000				75,000
Construction			625,000			625,000
Total		**75,000**	**625,000**			**700,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
LOST		75,000	425,000			500,000
Road Use Tax			100,000			100,000
Storm Water Utility			100,000			100,000
Total		**75,000**	**625,000**			**700,000**

Budget Impact/Other

Reduced maintenance and repair by Street Division is anticipated.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Maintenance
Useful Life	20 years
Category	Street Construction

Project #	STR-21-001
Project Name	Street Rehab - 2020

Total Project Cost: $700,000

Description

Removal and replacement of curb and gutter, storm sewer and appurtenances, pavement scarification, full-depth PCC patching, driveways and sidewalks, subdrains, HMA resurfacing and other associated work on the following tentatively proposed street segments:

Quint Avenue: U.S. 30 to 10th Street
Sixth Street: Quint Avenue (Ext.) to U.S. 30
Twentieth Street: 21st Street to Calvin Street

Justification

The City participates in the Iowa Pavement Management Program administered by the Center for Transportation Research and Education at Iowa State University. Bianually, roadway condition assessment is performed on all paved streets utilizing automated data collection procedures. The condition data is analyzed with a pavement management program. One of the results of the pavement management program is a priority ranking of street work. The priorities are field reviewed, adjusted if needed and recommended for the CIP.

The system goal is to maintain an average pavement condition index (pci) of 50 with a minimum pci of 30.

"Continue street improvements" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design			75,000			75,000
Construction				625,000		625,000
Total			**75,000**	**625,000**		**700,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
LOST			75,000	425,000		500,000
Road Use Tax				100,000		100,000
Storm Water Utility				100,000		100,000
Total			**75,000**	**625,000**		**700,000**

Budget Impact/Other

Reduce maintenance and repair by Street Division is anticipated.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Streets
Contact	Public Works Director
Type	Maintenance
Useful Life	20 years
Category	Street Construction

Project #	STR-22-001
Project Name	Street Rehab - 2021

Total Project Cost: $700,000

Description

Removal and replacement of curb and gutter, storm sewer and appurtenances, pavement scarification, full-depth patching, driveways and sidewalks, subdrains, resurfacing and other associated work.

Justification

The City participates in the Iowa Pavement Management Program administered by the Center for Transportation Research and Education at Iowa State University. Bianually, roadway condition assessment is performed on all paved streets utilizing automated data collection procedures. The condition data is analyzed with a pavement management program. One of the results of the pavement management program is a priority ranking of street work. The priorities are field reviewed, adjusted if needed and recommended for the CIP.

The system goal is to maintain an average pavement condition index (pci) of 50 with a minimum pci of 30.

"Continue street improvements" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design				75,000		75,000
Construction					625,000	625,000
Total				**75,000**	**625,000**	**700,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
LOST				75,000	425,000	500,000
Road Use Tax					100,000	100,000
Storm Water Utility					100,000	100,000
Total				**75,000**	**625,000**	**700,000**

Budget Impact/Other

Reduce maintenance and repair by Street Division is anticipated.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Wastewater
Contact	Public Works Director
Type	Equipment-Replace
Useful Life	20 years
Category	Equipment

Project #	WWTP-14-001
Project Name	Jet/Vac Equipment Purchase

Total Project Cost: $400,000

Description

Purchase of a combination Jet/Vac sewer cleaner.

Justification

Replacement of current 1994 Jet/Vac.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicles/Furnishings	400,000					400,000
Total	**400,000**					**400,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Sewer Utility	400,000					400,000
Total	**400,000**					**400,000**

Budget Impact/Other

Reduced maintenance and repair on Jet/Vac

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Wastewater
Contact	Public Works Director
Type	Construction-New
Useful Life	50 years
Category	Wastewater Construction

Project #	WWTP-15-001
Project Name	WWTP Improvements-2018

Total Project Cost: $3,500,000

Description

Construct disinfection and sludge handling facilities.

Justification

The Iowa DNR has reissued the NPDES Operation Permit effective November 1, 2016. Permit compliance schedule for Dissolved Oxygen and E. coli is as follows:

January 1, 2017	Complete a Self-Assessment Matrix and submit a Work Record Request form to the DNR Wastewater Engineering Section
October 1, 2017	Submit a facility plan
April 1, 2018	Submit a progress report
September 1, 2018	Submit final plans and specifications
November 1, 2018	Award contract for construction of wastewater treatment improvements
July 1, 2019	Submit a progress report
March 1, 2020	Complete construction of wastewater treatment improvements
April 1, 2021	Achieve compliance with all final DO and E. coli effluent limits

"Wastewater Treatment Plant Improvements - comply with disinfection and nutrient reduction requirements" is an On-Going Commitment/Obligation of the Planning Session Repot 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design	250,000	250,000				500,000
Construction		1,500,000	1,500,000			3,000,000
Total	**250,000**	**1,750,000**	**1,500,000**			**3,500,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
State Loan	250,000	1,750,000	1,500,000			3,500,000
Total	**250,000**	**1,750,000**	**1,500,000**			**3,500,000**

Budget Impact/Other

Disinfection and sludge handling facilities will both result in increased operation and maintenance and repair costs.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Wastewater
Contact	Public Works Director
Type	Other
Useful Life	50 years
Category	Wastewater Construction

Project #	WWTP-17-001
Project Name	WWTP Improvements-2019

Total Project Cost: $3,500,000

Description

Construction of Biological Nutrient Removal facilities at the Wastewater Treatment Plant.

Justification

The Iowa DNR has reissued the NPDES Operation Permit effective November 1, 2016. Permit compliance schedule for Nutrient Reduction is as follows:

November 1, 2018 Submit report that evaluates feasibility and reasonableness of reducing the amounts of nitrogen and phosphorus discharged into surface water.

"Wastewater Treatment Plant Improvements - comply with disinfection and nutrient reduction requirements" is an On-Going Commitment/Obligation of the Planning Session Report 2016, approved 11-14-16.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Planning/Design					500,000	500,000	3,000,000
Total					**500,000**	**500,000**	Total

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Wastewater Utility					500,000	500,000	3,000,000
Total					**500,000**	**500,000**	Total

Budget Impact/Other

Biological Nutrient Removal will result in increased operation and maintenance and repair costs.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Water
Contact	Public Works Director
Type	Construction-New
Useful Life	40 years
Category	Water Construction

Project #	WTR-16-001
Project Name	Watermain Replacement

Total Project Cost: $500,000

Description

Replacement of existing 2-inch watermain throughout the distribution system with larger diameter watermain.

Justification

Reduce failure probabilities and provide for increased flow.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design	50,000					50,000
Construction		450,000				450,000
Total	**50,000**	**450,000**				**500,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
50,000	Water Utility		450,000				450,000
Total	Total		**450,000**				**450,000**

Budget Impact/Other

Watermain replacement is anticipated to reduce future maintenance and repair costs resulting from leaks or failures.

Prior Funding: WUF, F.Y. 14-15, $50,000

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Water
Contact	Public Works Director
Type	Construction-New
Useful Life	40 years
Category	Water Construction

Project #	WTR-17-001
Project Name	Watermain Replacement

Total Project Cost: $500,000

Description

Replacement of existing watemain and constuction of new watermain to eliminate dead ends.

Justification

Provide increased flow and circulate water for better quality.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design		50,000				50,000
Construction			450,000			450,000
Total		**50,000**	**450,000**			**500,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water Utility		50,000	450,000			500,000
Total		**50,000**	**450,000**			**500,000**

Budget Impact/Other

Watermain replacement is anticipated to reduce future maintenance and repair costs resulting from leaks or failures.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Water
Contact	Public Works Director
Type	Equipment-Replace
Useful Life	20 years
Category	Equipment

Project #	WTR-17-002
Project Name	Water Meter Replacement

Total Project Cost: $1,193,566

Description

Replacement of all water meters with radio read meters.

Justification

Improve usage accuracy; reduce reading cost.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
693,566	Equip/Vehicles/Furnishings	250,000	250,000				500,000
Total	Total	**250,000**	**250,000**				**500,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
693,566	Water Utility	250,000	250,000				500,000
Total	Total	**250,000**	**250,000**				**500,000**

Budget Impact/Other

Prior Funding: WUF, F.Y. 14-15, $210,989
WUF, F.Y. 15-16, $232,577
WUF, F.Y. 16-17, $250,000 Est.

Capital Improvement Plan

FY 18 *thru* FY 22

City of Carroll, Iowa

Department	Water
Contact	Public Works Director
Type	Construction-New
Useful Life	40 years
Category	Water Construction

Project #	WTR-18-001
Project Name	Watermain Replacement

Total Project Cost: $500,000

Description

Replacement of existing watemain and constuction of new watermain to eliminate dead ends.

Justification

Provide increased flow and circulate water for better quality.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design			50,000			50,000
Construction				450,000		450,000
Total			**50,000**	**450,000**		**500,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water Utility			50,000	450,000		500,000
Total			**50,000**	**450,000**		**500,000**

Budget Impact/Other

Watermain replacement is anticipated to reduce future maintenance and repair costs resulting from leaks or failures.

LOCAL OPTION SALES TAX COLLECTIONS
December 2016 - Capital Improvement Plan Proposal

	Actual FY 14/15	Actual FY 15/16	Re-est. FY 16/17	Budget FY 17/18	Projected FY 18/19	Projected FY 19/20	Projected FY 20/21	Projected FY 21/22
July 1 Balance	$ 364,887	$ 1,014,978	$ 1,531,851	$ 63,963	$ 386,463	$ 854,516	$ 1,322,568	$ 1,415,621
One time set aside ($50,000)	-	-	-	-	-	-	-	-
Estimated Revenue:								
Local option sales tax	1,509,742 **	1,400,002 **	1,469,848 **	1,486,737 **	1,486,737 **	1,486,737 **	1,486,737 **	1,486,737 **
Interest income	5,616	6,885	10,000	10,000	4,000	4,000	4,000	4,000
Aquatic donation-repmt	9,777	9,717	-	-	-	-	-	-
Expenses:								
Tax relief	(346,694)	(399,730)	(352,736)	(379,255)	(372,684)	(372,684)	(372,684)	(372,684)
Rec Center Bldg Imprvmnts	(28,350)	-	-	-	-	-	-	-
Transfers (Projects):								
Streets Rehab Projects	(500,000)	(500,000)	(675,000)	(153,000)	(500,000)	(500,000)	(500,000)	(425,000)
Trails	-	-	(240,000)	(291,982)	(150,000)	(150,000)	(150,000)	(150,000)
Streets Maintenance Building	-	-	(1,600,000)	(350,000)	-	-	-	-
Merchants Park Imp	-	-	(80,000)	-	-	-	-	-
Aquatic Center Slide	-	-	-	-	-	-	(375,000)	-
Carryover Balance	$ 1,014,978	$ 1,531,851	$ 63,963	$ 386,463	$ 854,516	$ 1,322,568	$ 1,415,621	$ 1,958,674

** - LOST vote passed August 7, 2012 to continue collections January 1, 2014 - December 31, 2023. Estimate based on information received from the Iowa Department of Reven

ue.

HOTEL/MOTEL TAX COLLECTIONS
December 2016 - Capital Improvement Plan Proposal

	Actual FY 14/15	Actual FY 15/16	Re-est FY 16/17	Budget FY 17/18	Projected FY 18/19	Projected FY 19/20	Projected FY 20/21	Projected FY 21/22
July 1 Balance	$ 177,452	$ 100,115	$ 249,155	$ 152,398	$ 180,898	$ 159,398	$ 87,898	$ 166,398
One time set aside ($40,000)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Estimated Revenue:								
Hotel/Motel tax	$ 220,861 (1)	$ 259,272 (1)	$ 220,000 (1)	$ 220,000 (1)	$ 220,000 (1)	$ 220,000 (1)	$ 220,000 (1)	$ 220,000 (1)
Interest income	$ 1,430	$ 1,114	$ 500	$ 500	$ 500	$ 500	$ 500	$ 500
Misc. Donations	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Expenses:								
Cultural support	$ (447)	$ (1,421)	$ (48,795)	$ (10,000)	$ (10,000)	$ (10,000)	$ (10,000)	$ (10,000)
Park & rec capital:								
Rec Center Improvements	$ (4,030)	$ -	$ (26,000)	$ -	$ -	$ -	$ -	$ -
Tourism promotion (Chamber)	$ (22,000)	$ (19,925)	$ (22,000)	$ (22,000)	$ (22,000)	$ (22,000)	$ (22,000)	$ (22,000)
Comm Dvlp - Public Relations	$ (3,001)	$ (10,000)	$ (10,000)	$ (10,000)	$ (10,000)	$ (10,000)	$ (10,000)	$ (10,000)
Transfers (Projects):								
Trails	$ (5,150)	$ (80,000)	$ -	$ (150,000)	$ (100,000)	$ (100,000)	$ (100,000)	$ (100,000)
Merchants Park Improvements	$ (265,000)	$ -	$ (160,000)	$ -	$ -	$ -	$ -	$ -
Merchants Park Impr-add'l	$ -	$ -	$ (50,462)	$ -	$ -	$ -	$ -	$ -
Theater Improvements	$ -	$ -	$ -	$ -	$ (100,000)	$ (150,000)	$ -	$ -
Carryover Balance	$ 100,115	$ 249,155	$ 152,398	$ 180,898	$ 159,398	$ 87,898	$ 166,398	$ 244,898

(1) - Subject to IA Code 423A.7(4)(a) - at least fifty percent of the revenues shall be expended for the acquisition of sites for, or constructing, improving, enlarging, equipping, repairing, operating, or maintaining of recreation, convention, cultural, or entertainment facilities including but not limited to memorial buildings, halls and monuments, civic center convention buildings, auditoriums, coliseums, and parking areas or facilities located at those recreation, convention, cultural, or enterainment facilities or the payment of principal and interest, when due, on bonds or other evidence of indebtedness issued by the county or city for those recreation, convention, cultural, or entertainment facilities; or for the promotion and encouragement of tourist and convention business in the city or county and surrounding areas.