

CITY OF POLK CITY, IOWA

CAPITAL IMPROVEMENTS PLAN
(CIP)
2020-2025



Mayor

Jason Morse 2014-2021

Steve Karsjen 2022-2026

City Council

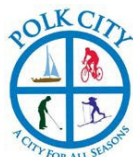
Ron Anderson Dave Dvorak

Rob Sarchet Mandy Vogel

Jeff Walters

City Manager

Chelsea Huisman



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City of Polk City, Iowa
City Council Agenda Communication

Date: April 11, 2022 City Council Meeting
To: Mayor Steve Karsjen & City Council
From: Chelsea Huisman, City Manager
Subject: Set public hearing for Amendment to the City 5-year CIP Plan (CIP)

The City Council approved a 5-year CIP on September 14, 2020. Most of the projects outlined in the first 2 years have been completed, however, some adjustments need to be made to the plan, as priorities have changed, and projects have been moved to different years. To adjust the CIP and reflect the City's priority projects we need to amend the City's CIP. I recommend the City Council set a public hearing for April 25, 2022 to amend the City's CIP.

The CIP included both projects and equipment. During this unique economic time, some of the pricing has significantly changed for projects and equipment. I will reflect new cost opinions and pricing for the projects that we have price changes for. Below is a summary of the last 2 fiscal years & status for the upcoming fiscal year, 2022-2023.

CIP Projects:

FY2020-2021: The following projects were prioritized:

1. Town Square Parking lot study-not completed, budgeted in FY2021-2022
2. Trail Study-Town Center (Trail)-project completed
3. Facility Needs Assessment-project completed
4. 2020 Street Repair project-project completed
5. HMA Overlay Project 2020-project completed

FY2021-2022: The following projects were prioritized:

1. Inflow/Infiltration Study-project in process, will be completed this year
2. W. Bridge Road Water Main Loop-project in process, will be completed this year
3. New Water Well-project not completed, status of project unknown
4. North Trunk Sewer Study-project in process, will be completed this year
5. Lost Lakes Park-project in process, will be completed this year

FY2022-2023: The following projects were prioritized:

1. N. 3rd Street Trail connection to outer city limits-budgeted for July 1, 2022
2. Regional Park Facility-Not budgeted for
3. City Hall Parking lot-budgeted for July 1, 2022
4. Eastside Water Tower Project with DMWW-Not budgeted for
5. Northeast Trunk Sewer study-budgeted for July 1, 2022
6. Property Purchase 214 3rd Street-project completed
7. Water Tower Painting-Not budgeted for

Proposed adjustments to projects 5-year CIP:

I recommend making the following changes to the CIP, based on past meetings with the City Council. I am not proposing the amendment include changes to the FY2020-2021 (1st year of the City 5-year CIP). The projects below are changes only, and if the project is not listed, the project remains un-changed in the CIP.

FY2021-2022:

Town Square Parking study (Project #4)-Project moved to FY21/22.

New Water Well (Project #38)-Remove project from the City's CIP. With Regionalization efforts, this does not seem to be a good investment for the community. We have discussed that the City did borrow funds for the project in 2021. Unfortunately, the roundabout project is over-budget from the original Engineer's estimate, however, with the removal of this project, the funds borrowed for this project can be used for the round-about overage costs.

Roundabout Project at N. 3rd Street & E. Vista Lake Drive (new Project #42)-Add project to the CIP for FY2021-2022. Construction for this project has begun. This project was not a planned for project in the City's CIP and we should add it. The project is already reflected in both FY22 & FY23 budgets.

W. Bridge Road Water Main loop (Project #37)-Adjust cost for project. Material costs have significantly increased, and the new cost estimate for this project is \$72,140.

FY2022-2023:

Regional Park Facility (Project #9)- The Regional Park project is not included in the FY22-23 budget. I would recommend we move this project to FY23-24. This project is a large-scale project, and the City Council needs to have further discussions on what priorities remain for the project to be completed.

Eastside Water Tower Project with DMWW (Project #36)- The water tower project is not included in the FY22-23 budget. The city is behind schedule on this project. I would expect engineering may begin on the project in FY23, however, construction will more than likely occur in FY23-24. I recommend we move this project to FY23-24.

Water Tower Painting (Project #41)- This project will need to coincide with the completion of the water tower construction. In order to paint the existing water tower and clean it out, we will need to take it off-line. This project will also need to be moved to FY23-24.

City Hall/Police/Fire Station Rebuilding/Remodel (Project #2)- This project is in the FY22-23 budget. The current plan involves building a new City Hall, remodeling the Fire Station, and purchasing land for a future Police Station. I recommend we amend the CIP to reflect this change. This project was originally planned to occur in FY24-25.

2022 Street Repair Project (Project #30)- This project is identified in the FY22-23 budget. This project should be an ongoing project and was not recognized as one when the City completed the 5-year CIP. I recommend we add this project to the CIP. We will also plan to add future years of the Street Repair project.

N. 3rd Street Trail connection to outer city limits (Phase 2) (Project #15)- The City has received \$75,000 in grant funds for the project. I have increased the cost of the project \$570,000 from \$495,000 to reflect the grant funding.

FY2023-2024:

High Trestle Trail connector construction (Phase 3) (Project #16)- This project remains in the CIP, however, since this is a project Polk County will be constructing, I removed it from the City's project totals. This will still show the priority, however, will not be included in the City's total cost for projects.

2023 Street Repair Project (Project #30)- This project should be an ongoing project and was not recognized as one when the City completed the 5-year CIP.

FY2024-2025:

2024 Street Repair Project (Project #30)- This project should be an ongoing project and was not recognized as one when the City completed the 5-year CIP.

CIP Equipment purchases:

FY2020-2021: The following equipment purchases were prioritized:

1. Police New vehicle lease #22-project not completed, 1st payment due in FY22, instead of FY21
2. Police New server migration & body camera implementation-project complete
3. Police New purchase #20 Charger-project complete
4. Fire New Cot Power load-project complete
5. Public Works Trash pump replacement-project complete
6. Public Works snow blower replacement-project not complete: project moved to FY24
7. Public Works new UTV (Public Works received police UTV & police/parks purchased new)-project complete
8. Public Works F-350 replacement (2008)-project complete

FY2021-2022: The following equipment purchases were prioritized:

1. Police New vehicle lease #22-project complete
2. Police New evidence/processing video cameras-project not completed, status of project unknown
3. Police bullet proof vests replacement-project complete
4. Police New purchase #20 Charger (Chief vehicle) buyout-project complete
5. Fire mobile computer replacement-project not completed, status of project unknown
6. Fire bunker gear replacement-project complete
7. Parks New 15 passenger van-project complete
8. Public Works John Deer 3720 Replacement (2006)-project complete
9. Public Works soil reliever replacement (2007)-project not completed, project moved to FY24
10. Public Works John Deere Mower replacement (1985)-project not completed, status of project unknown
11. Public Works Tractor tiller replacement (2005)-project complete
12. Public Works Tractor brush cutter replacement (2005)-project complete
13. Public Works John Deere Snow blower replacement (2000)-project complete
14. Public Works bobcat auger replacement-project complete

FY2022-2023: The following equipment purchases were prioritized:

1. Police New vehicle lease #22-project budgeted for July 1, 2023
2. Police New purchase #20 Charger (Chief vehicle) buyout-project in process
3. Fire c461 replacement-project budgeted for July 1, 2023
4. Fire New ambulance cots-project in process
5. Fire mobile computer M58 replacement-project not budgeted for, status of project unknown
6. Fire lifepak Cardiac monitors replacement-project budgeted for July 1, 2023
7. Public Works single axle Dump truck replacement (2008)-project budgeted for July 1, 2023
8. Public Works case endloader (2009) + Plow and wing replacement-project budgeted for July 1, 2023
9. Public Works F-350 Pickup replacement (2012)-project budgeted for July 1, 2023

Proposed adjustments equipment 5-year CIP:

I recommend making the following changes to the City's 5-year CIP for equipment.

FY2021-2022:

1. Police Vehicle #22 Silverado (Project #1)- This project is for the new police truck that was purchased in FY21. Payments across the next 4 years are now reflected in the CIP.
2. Police New evidence/processing video cameras (project #3)- REMOVE
3. Police Purchase #20 Charger (Chief vehicle) buyout (project #5)- This project will be completed. The City was awarded some alternative revenue to help finalize this purchase.

4. Police vehicle #21 & #24 (Project #6)- This project is for an existing lease agreement, where payments were not included in the CIP for FY22 & 23. We have made payment for FY22 and reflected the change in the FY23 budget.
5. Police vehicle #25 Keltek Lease and replacement (Project #7)- This lease agreement is for the Durango, and 2 lease payments were left out of the CIP-FY22 & FY23. We expect to replace this vehicle in FY24 with a new lease agreement.
6. Fire Mobile Computer M4 Replacement (Project #18)-REMOVE
7. Fire Bunker Gear (Project #15)- This project is complete, however, the price was adjusted to \$56,000.
8. Fire New ambulance cots (project #16)- This project is in process for FY21-22, instead of FY22-23. The City was awarded some alternative revenue, and has moved this project up one year, with no plans to budget for the project in FY22-23.
9. Public Works John Deere 3720 Replacement (Project #39)- This project is complete, and was a priority that needed to be adjusted in the CIP. Instead of completing projects #40 & #41 this was completed instead.
10. Public Works Street sweeper (new project #70)-Add project to the CIP for FY2021-2022. The City purchased this equipment in FY21-22.

FY2022-2023:

1. Police #26 Ruan Lease (Project #12)- This project is for the new Police SUV lease agreement. This includes 4 years of lease payments to Ruan.
2. Fire Mobile Computer M4 Replacement (Project #21)-REMOVE
3. Public Works Single Axle Dump Truck Replacement (Project #46)- Price adjustment
4. Public Works Case Endloader & Plow replacement (Project #47)- Price adjustment
5. Public Works NEW SUV (New Project #71)- This is for the new SUV Ford Edge. This project was in replacement of a pick-up truck.

FY2023-2024:

1. Police Vehicle #20 Return (Project #5)-REMOVE
2. Police Handgun replacement (Project #8)- Project moved to FY25
3. Police Vehicle #22 replacement (Project #9)- Police vehicle replaced, which was not originally reflected in the City's CIP.
4. Public Works Soil Reliever Replacement & John Deere Mower Replacement (Project #40 & Project #41)- Projects combined into 1 project, and moved to FY24.
5. Public Works F-450 Pickup Replacement (Project #48)- Project prioritized and moved into FY24. Several other projects have been removed from this Fiscal Year in order for this pick-up to be replaced.
6. Public Works Bobcat S750 Replacement (Project #49)-REMOVE
7. Public Works New John Deere Zero Turn Mower (Project #50)-REMOVE
8. Public Works John Deere Front-Mount mower Replacement (Project #51)-REMOVE
9. Public Works Mosquito Sprayer Replacement (Project #52)-REMOVE
10. Public Works Bobcat Street broom with curb attachment (Project #54)- REMOVE
11. Public Works F-350 Pickup Replacement (Project #69)-Project moved into CIP FY24.

FY2024-2025:

1. Public Works Bobcat concrete breaker (Project #53)-REMOVE
2. Public Works Bobcat landplane replacement (Project #54)-REMOVE
3. Public Works Grapple Bucket replacement (Project #56)- Project prioritized for FY25 & moved for the CIP
4. Public Works F-350 Pick-up replacement (Project #57)- Project prioritized for FY25 & moved for the CIP
5. Public Works NEW mini excavator (NEW Project #72)- Project prioritized for FY25 & moved for the CIP



City of Polk City, Iowa Capital Improvement Plan

Date: August 24, 2020
To: Mayor Jason Morse & City Council
From: Chelsea Huisman, City Manager
Subject: 5-year Capital Improvement Plan (CIP)

1. General Overview and Introduction

A. INTRODUCTION

The Mayor and City Council requested that a Capital Improvement Plan (CIP) for future capital projects in Polk City be implemented. The main components of a CIP are to identify the projects and estimated costs of each project and devise a way to pay for these projects over a period of years.

A CIP is a tool for the scheduling, planning, and financing of large-scale projects and equipment purchases. A CIP provides the elected officials, city staff and the citizens with a list of the future projects that the City plans to complete over a period of 5 years. With that being said, it is not a plan that is definite, and it can be revised at any time. The adoption of a CIP does not obligate the City to take any course of authorization. It does not obligate the current or any future City Council to complete a project. The main focus is when a project or purchase may be completed and how it will be paid for. The final decision will be decided by the City Council during the preparation of the annual city budget and the actual award of a contract to complete any given project.

The City Council has set a Public Hearing for the proposed CIP on September 14, 2020 at 6pm. Comments are welcomed and encouraged from the public. Questions and comments may be sent to jgibbons@polkcityia.gov prior to 5pm on September 14, 2020.

After Polk City's CIP is adopted, we will review and possibly amend each year. Completed projects will be checked off the City's list. New projects may be added to the CIP. Some projects may change in scope or cost.

B. PHASE I-IDENTIFICATION OF POTENTIAL PROJECTS

The City began the CIP by identifying all projects and equipment purchases. The elected officials and city staff identified 41 capital projects and 69 equipment purchases. While acknowledged early on that the City does not have the capability of completing all projects identified, it is a good exercise for the City to identify the long-term infrastructure needs in Polk City.

The City Council held its first work session related to the 5-year CIP on May 11, 2020. At that work session, a list of all projects was reviewed and discussed. The Mayor and City Council were directed to individually grade each project prior to the upcoming work session. Each elected official participated in the exercise and submitted rankings to the City Manager.

A complete list of the projects and equipment are attached as Exhibit A and is located at the back of this plan.

C. PHASE II-RANKING OF CAPITAL PROJECTS

The second phase of the CIP process involved the ranking of the proposed projects. Once each elected official graded the 41 listed projects, a ranking was designated to each project. The following A to F grades were used by the elected officials when rating a particular project:

- An “A” (4 points) ranking determines this is a very high priority project
- A “B” (3 points) ranking determines this is a high priority project
- A “C” (2 points) ranking determines this is a moderate priority project
- A “D” (1 point) ranking would indicate that this project should be postponed to some date beyond
- An “F” (0 points) ranking indicates that you are not interested in completing this project

The projects were then ranked accordingly. A project could receive anywhere from 0-24 points. A perfectly scored project, 24 points, would be graded “A” amongst 6 elected officials. The rankings were tabulated and discussed at the work session on June 8, 2020. All projects were placed accordingly into their respective years, and some project adjustments were made by the City Council.

A complete list of the project rankings is attached as Exhibit B and is located at the back of this plan.

D. POTENTIAL SOURCES OF FUNDING FOR CAPITAL PROJECTS

The City has multiple sources of revenue and means of accomplishing the capital projects and equipment purchases identified in this Capital Improvement Plan. Listed below is an overview of the sources of revenue the City will be utilizing to implement these projects:

1. *General Obligation Loans*-The City currently has 3 outstanding General Obligation loans (G.O. 2014 sewer improvements, G.O. 2018 water improvements, and 2020 G.O. 2020 asphalt overlay street project). Many cities utilize GO loans to pay for capital projects. The main restriction regarding general obligation is the amount borrowed cannot exceed the City's constitutional debt limit. A city's constitutional debt limit is 5% of all their taxable valuations. A City can borrow the full amount of their debt limit, however, for good financial planning I would recommend at a maximum we try to stay somewhere between 75%-80% to allow for emergency purposes.

It is also important to note that the City also has 10 Tax Increment Financing (TIF) rebate agreements. Each agreement does count against the City's constitutional debt limit, however, it is important to note that because the Council annually appropriates those agreements (meaning that the Council has to agree to pay each year) that only the annual dollar amount counts against the City's constitutional debt limit.

This proposed CIP includes borrowing for General Obligation bonds for 4 Capital Improvement projects in the following years:

- 2020-2021 Project #33 HMA Overlay street project-total amount borrowed: \$1,750,000
- 2022-2023 Project #9 Regional Park Facility (financing for this project also includes grant funding and General Fund cash) & Project #15 N. 3rd Street trail connection to outer city limits-total amount borrowed: \$2,184,000
- 2023-2024 Project #14 N. 3rd Street trail and intersection alignment at Northside Dr- total amount borrowed: \$1,227,000
- 2024-2025 Project #2 City Hall/Fire Station/Police rebuild/remodel-total amount borrowed: \$2,000,000

2. *General Fund*-The City has the option of financing some of the less expensive projects with money from the General Fund. The largest revenue source for the General Fund is property taxes.

This proposed CIP includes utilizing General Fund money for the following projects:

- 2020-2021 Project #4 Town Square Parking Study
- 2020-2021 Project #17 Trail Study-Town Center
- 2020-2021 Project #1 Facility Needs Assessment
- 2020-2021 Project #30 2020 Street repair project
- 2022-2023 Project #9 Regional Park Facility (financing for this project also includes grant funding and GO Loan)

- 2024-2025 Project #29 Sump Pump collector lines (Option for special assessment)
- 2024-2025 Project #21 North Broadway sidewalks (Option for special assessment)

3. *Sanitary Sewer and Water Revenue Loans*-The City can issue sanitary sewer revenue and water revenue bonds or loans to finance sewer and water capital projects. To repay back these loans, the City pledges sanitary sewer or water user fee revenues to pay back these loans. Revenue loans do not count against the City's constitutional debt limit. They are a great source of borrowing for some of those larger projects for the sanitary sewer or water systems.

This proposed CIP includes borrowing for water revenues bonds for 2 capital improvement projects, slated to occur in the same year:

- 2022-2023 Project #36 Eastside Water Tower project with Des Moines Water Works & Project #41 Water Tower Painting-total amount borrowed \$2,404,800

4. *Enterprise Funds (Water & Sewer)*- The City has the option of financing some of the less expensive projects with money from the water or sewer fund, or in other words utilizing money from the water or sewer operating budget. The revenue for both funds comes from user fees.

This proposed CIP includes utilizing Water money for the following projects:

- 2021-2022 Project #37 W. Bridge Road water main loop
- 2021-2022 Project #38 New water well

This proposed CIP includes utilizing Sewer money for the following projects:

- 2021-2022 Project #26 Inflow/Infiltration study
- 2021-2022 Project #23 North trunk sewer study
- 2022-2023 Project #24 Northeast trunk sewer study
- 2023-2024 Project #27 Parker Lift station upgrade
- 2024-2025 Project #28 TCI Lift station upgrade

5. *Road Use Tax*-The City does receive RUT money. Some of the less expensive projects (equipment purchases) could be financed from this fund.

This proposed CIP includes utilizing RUT for one project:

- 2023-2024 Project #35 WhiteTail Parkway Corridor Study

6. *Grants*-The City should consider grant programs for some capital projects. Some of the proposed grants include Enhance Iowa CAT (Community Attraction and Tourism), Resource Enhancement

and Protection Grant (REAP), Land and Water Conservation Fund (LWCF), Revitalize Iowa's Sound Economy (RISE), Surface Transportation Block Grant (STBG), and Surface Transportation Program (TAP). There are other smaller grant programs available, however, this grant list is comprised of the larger opportunities available for funding.

The City will apply for any grant opportunities available for projects outlined in this CIP. One of the benefits of having a CIP in place is it sets guidelines for the city staff to apply for possible grant opportunities. This project utilizes grant funding for 2 projects:

- 2022-2023 Project #9 Regional Park Facility-estimated \$2,000,000 in grants/private donations
- 2023-2024 Project #14 N. 3rd Street Trail and intersection alignment at Northside Dr.-STBG awarded \$393,000

7. *Donations*-It is common for cities to receive donations for library related projects, park improvements, trails, fire department and police department equipment and building updates/remodels. These contributions can be individual, service clubs, gaming establishments, and corporations within the community.
8. *Local Option Sales Tax*-The voters of Polk City approved local option sales tax in 1985. The City Council at the time adopted a resolution which stated that LOST would be used for the following:
 - a. *50% Property Tax Relief*
 - b. *50% General Purpose*

Since the resolution states that 50% of the LOST will be used for property tax relief, the City can allocate this revenue for any public purpose in the General Fund. For example, it could be used for general operating expenses, such as salaries.

For this proposed CIP, we will spend 50% on general fund activities, and 50% for projects outlined in the plan. Those projects include:

- 2021-2022 Project #11 Lost Lakes Park-Phase II
- 2022-2023 Project #3 City Hall Parking lot
- 2022-2023 Project #15 N. 3rd Street Trail connection to outer city limits (\$380,000 LOST, remainder paid with GO Loan)
- 2023-2024 Project #18 West Bridge Road trail gap at Van Dorn property
- 2023-2024 Project #32 Van Dorn/3rd Street Intersection improvements
- 2023-2024 Project #34 East Broadway Street improvements

- 2024-2025 Project #19 West Bridge trail-Parker to Neal Smith Trail
- 2024-20205 Project #10 Twelve Oaks Parks-Phase II

9. *Low to Moderate Income (LMI) money-* Under the Code of Iowa, the City is required by law to set-aside a percentage of money to be used for low to moderate income families when TIF incentives are given to a residential developer. That percentage in Polk County is 39% in FY20-21. The City has incurred a large amount of LMI money over the years and has incorporated spending a portion of that to finance projects that benefit residential properties that meet the requirements. The LMI rate in Polk City is currently 28%. The City can utilize 28% of LMI money on critical infrastructure needs for the water and sewer utility. These projects include:

- 2021-2022 Project #37 W. Bridge Road water main loop
- 2021-2022 Project #38 New Water well
- 2022-2023 Project #36 Eastside Water Tower project with DMWW & Project #41 Water Tower Painting(financed together)
- 2022-2023 Project #8 Property purchase
- 2023-2024 Project #27 Parker lift station upgrades
- 2024-2025 Project #29 Sump Pump collector lines
- 2024-2025 Project #28 TCI lift station upgrades

E. OPTIONAL FUNDING SOURCES-NOT USED IN THIS CIP

The City could generate additional revenue for capital projects by authorizing any of the below sources:

1. *Capital Improvement Fund Tax Levy-* The City has the opportunity to levy 67.5 cents per \$1,000 assessed of taxable valuations, if approved by the voters. Many cities utilize this to fund capital projects. This additional voted on levy would generate an additional \$183,500. It is important to note this is a separate levy, and if the city did levy for the full amount, we would be adding \$.67500 to the City's overall tax levy.
2. *Franchise Fees for Electric and Gas-*The City can impose up to a 5% fee on electric, cable, and gas utility revenues. The City of Polk City is currently receiving a 1% franchise fee from both the electric and natural gas utilities, which will generate \$40,000 for the City's General Fund. The City retains the option of increasing the fees from 1% to 5% for the purpose of funding capital projects in the future. If the City should ever decide to request the additional 4% in franchise fees, the City would allocate an additional \$160,000 per year to finance capital projects, or an additional \$40,000 annually per percentage implemented. These additional fees have not been included in this proposed CIP.

3. *Special Assessments*- The City may construct infrastructure and then assess a portion of the cost back to the properties that benefit from the improvements. Two projects in the CIP are being financed with General Fund reserve money, with an opportunity to special assess after construction.
4. *Storm Water Utility*- The City can establish a storm water utility with user fees to help pay for some storm water related projects. Cities can either charge a flat fee for classification of property or may calculate based upon the amount of runoff from the property. We have discussed this amongst the Council and there seems to be some interest. A \$1 monthly charge for residential and \$2 for commercial would generate approximately \$30,000 annually.
5. *Tax Increment Financing*- The City has the capability of paying for capital projects through Tax Increment Financing, also known as TIF. As long as the City incurs a debt or contractual obligation to fund a project located in an urban renewal area, the City can request TIF to finance infrastructure improvements. TIF has not been utilized to pay for projects within the CIP, and that could still be an option.

F. CASH FLOW PROJECTIONS

Incorporated into this CIP are cash flows for all the city funds intended to be used for this plan. Those documents are located at the back of the CIP, and identified as Exhibits C-N.

G. AMORTIZATION SCHEDULES

Incorporated into this CIP are amortization schedules used for the 4 projects the City plans to issue new debt for. Those documents are located at the back of the CIP and identified as Exhibits 1-4.

H. PROJECT PROFILES

After the City Council narrowed down the list of projects further, and placed projects into their appropriate fiscal year, I asked the City's Engineering firm to provide up to date cost estimates for each project within their respective year planned for construction. Of the 41 projects presented to the City Council, 31 have been incorporated into this 5-year plan and 10 have not.

The following is a list of the project profiles, with up to date cost estimates.

CAPITAL IMPROVEMENT PROGRAM - EQUIPMENT								
Equipment List	FY 20-21	FY21-22	FY 22-23	FY 23-24	FY 24-25	Beyond 5 years	NOTES	
POLICE DEPARTMENT								
1. Vehicle #22-Silverado	\$ 15,530.00	\$ 19,056.48	\$ 19,056.48	\$ 19,056.48	\$ 9,291.50			
2. NEW Server Migration & Body Camera Implementation	\$ 42,907.00							
3. NEW Evidence/Processing Video Cameras		\$ 25,750.00						
4. Bullet proof vests Replacement		\$ 6,000.00						
5. Vehicle #20 Return	\$ 9,377.00	\$ 9,377.00	\$ 11,378.61					
6. Vehicle #21 & #24		\$ 9,807.60	\$ 9,807.60	\$ 17,500.00	\$ 17,500.00			
7. Vehicle #25 Keltek Lease and replacement		\$ 18,000.00	\$ 19,500.00	\$ 22,000.00	\$ 22,000.00			
8. Handgun replacement				\$ 12,000.00	\$ 12,000.00			
9. Vehicle #23 replacement				\$ 22,000.00	\$ 22,000.00			
10. Body Camera Replacement					\$ 17,500.00			
11. NEW vehicle (new vehicle to the fleet)						\$ 30,000		FY25-26
12. #26 RUAN Lease			\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 17,500		FY25-26
(Difference from original 5-year CIP Proposal)	\$ 15,530.00	\$ (5,584.08)	\$ (41,935.69)	\$ (20,525.48)	\$ (15,791.50)			
FIRE DEPARTMENT								
13. NEW Cot Power Load	\$ 30,000.00							
14. Mobile Computer M4 Replacement		\$ 6,000.00						
15. Bunker Gear replacement		\$ 56,000.00						
16. c461 replacement			\$ 65,000.00					
17. NEW (2) ambulance Cots (\$8,000 each)		\$ 31,250.00	\$ 16,000.00					
18. Mobile Computer M58 Replacement			\$ 6,000.00					
19. LifePak Cardiac Monitors (\$35,000 each) replacement			\$ 70,000.00					
20. E451 Replacement				\$ 700,000.00				
21. Mobile Computer-M3 Replacement				\$ 6,000.00				
22. Ambulance E451 Replacement					\$ 300,000.00			
23. Gator Replacement					\$ 25,000.00			
24. Mobile computer-459 Replacement					\$ 6,000.00			
25. Boat Replacement						\$ 90,000		FY25-26
26. Mobile Computer M4 Replacement						\$ 6,000		FY25-26
27. Mobile Computer M451 Replacement						\$ 6,000		FY25-26
28. B457 Replacement						\$ 150,000		FY26-27
29. Mobile Computer-C461 Replacement						\$ 6,000		FY26-27
30. E458 Replacement						\$ 800,000		FY27-28
31. Mobile Computer-C450 Replacement						\$ 6,000		FY27-28
32. U459 Replacement						\$ 60,000		FY28-29
33. Cot Power Load Replacement						\$ 24,000		FY28-29
(Difference from original 5-year CIP Proposal)	\$ -	\$ 31,250.00	\$ 22,000.00	\$ -	\$ -			
PARKS AND RECREATION								
34. NEW 15 passenger van		\$37,000						
TOTAL GENERAL FUND	\$ 82,284.00	\$186,491	\$ 214,742.69	\$ 789,056.48	\$ 416,291.50			
GENERAL FUND SET ASIDE		\$ 175,000.00	\$ 175,000.00					
PUBLIC WORKS								
35. Trash Pump Replacement	\$ 35,000.00							
36. Snow Blower Replacement	\$ 15,000.00			\$ 15,000.00				
37. NEW-UTV	\$ 20,000.00							
38. F-350 Pickup Replacement (2008)	\$ 50,000.00							
39. John Deere 3720 Replacement (2006)		\$ 65,000.00						
40. Soil Reliever Replacement (2007)		\$ 15,000.00		\$ 40,000.00				
41. John Deere Mower Replacement (1985)		\$ 20,000.00						
42. Tractor Tiller Replacement (2005)		\$ 7,000.00						
43. Tractor Brush Cutter Replacement (2005)		\$ 5,000.00						
44. John Deere Snow Blower Replacement (2000)		\$ 2,000.00						
45. Bobcat Auger Replacement		\$ 6,000.00						
46. Single Axle Dump Truck Replacement (2008)			\$ 218,500.00					
47. Case Endloader (2009) + Plow and wing Replacement			\$ 212,500.00					
48. F-350 Pickup Replacement (2012)				\$ 60,000.00				
49. Bobcat S750 Replacement (2013)				\$ 50,000.00		\$ 70,000		FY27-28
50. NEW John Deere Zero Turn mower				\$ 20,000.00		\$ 30,000		FY27-28
51. John Deere Front-Mount mower Replacement (2011)				\$ 20,000.00		\$ 30,000		FY27-28
52. Mosquito Sprayer Replacement				\$ 10,000.00		\$ 15,000		FY27-28
53. Bobcat concrete breaker replacement (2009)					\$ 10,000.00	\$ 15,000		FY27-28
54. Bobcat street broom with curb attachment (2008) Replacement					\$ 15,000.00			
55. Bobcat Land Plane replacement (2012)					\$ 5,000.00	\$ 5,000		FY31-32
56. Grapple Bucket replacement (2012)					\$ 5,000.00			
57. F-350 Pick-up replacement (2014)					\$ 60,000.00			
58. Tandem Axle Dump Truck Replacement (2016)						\$ 150,000		FY25-26
59. Bucket Truck Replacement (2005)						\$ 50,000		FY25-26
60. F-350 Pickup Replacement (2015)						\$ 50,000		FY25-26
61. Gang Mower Replacement (2005)						\$ 20,000		FY26-27
62. Pick-up sander replacement						\$ 15,000		FY26-27
63. Bobcat Angle Broom replacement (2011)						\$ 10,000		FY26-27
64. F-250 Pickup replacement (2017)						\$ 50,000		FY26-27
65. Portable Air Compressor replacement (2007)						\$ 20,000		FY27-28
66. NEW Pickup Sander (stainless steel)						\$ 15,000		FY27-28
67. F-350 Pickup Replacement (2018)						\$ 50,000		FY27-28
68. NEW Single Axle Dump Truck						\$ 180,000		FY28-29
69. F-350 Pick-up replacement (2008)				\$ 65,000.00		\$ 50,000		FY28-29
70. 2017 Street sweeper		\$ 125,000.00						
71. NEW SUV Ford Edge			\$ 33,500.00					
72. NEW Mini Excavator					\$ 100,000.00			
(Difference from original 5-year CIP Proposal)	\$ 15,000.00	\$ (110,000.00)	\$ (179,500.00)	\$ (80,000.00)	\$ (85,000.00)			
PUBLIC WORKS EQUIPMENT TOTAL	\$ 105,000.00	\$ 210,000.00	\$ 464,500.00	\$ 180,000.00	\$ 160,000.00			
RUT EQUIPMENT	\$ 35,000.00	\$ 70,000.00	\$ 154,833.33	\$ 60,000.00	\$ 53,333.33			
WATER EQUIPMENT	\$ 35,000.00	\$ 70,000.00	\$ 154,833.33	\$ 60,000.00	\$ 53,333.33			
SEWER EQUIPMENT	\$ 35,000.00	\$ 70,000.00	\$ 154,833.33	\$ 60,000.00	\$ 53,333.33			
GRAND TOTAL EQUIPMENT	\$ 187,284	\$ 396,491	\$ 679,243	\$ 969,056	\$ 576,292		\$ 2,808,366	

CAPITAL IMPROVEMENT PROGRAM - PROJECTS								
PROJECT LIST		FY 20-21	FY21-22	FY 22-23	FY 23-24	FY 24-25	Beyond 5 years	Cost estimate
BUILDINGS								
1. Facility needs assessment		\$ 50,000.00						\$ 50,000.00
2. City Hall/Police/Fire Station Rebuild/Remodel				\$ 5,619,000.00		\$ 2,000,000.00		\$ 5,619,000.00
3. City Hall Parking Lot				\$ 231,000.00				\$ 231,000.00
4. Town Square Parking study		\$ 15,000.00	\$ 15,000.00					\$ 15,000.00
5. Public Works Maintenance shop expansion							\$ 400,000.00	\$ 400,000.00
6. Library Expansion Project							\$ 2,000,000.00	\$ 2,000,000.00
7. City Pool/Aquatic Facility							\$ 3,000,000.00	\$ 3,000,000.00
8. Property Purchase- 214 3rd Street		\$ 190,000.00		\$ 190,000.00				\$ 190,000.00
PARKS AND RECREATION								
9. Regional Park Facility (Park)				\$ 5,000,000.00	\$ 5,000,000.00			\$ 5,000,000.00
10. Twelve Oaks Parks-Phase II (Park)						\$ 181,250.00		\$ 181,250.00
11. Lost Lakes Park-Phase II (Park)			\$ 203,000.00					\$ 203,000.00
12. 3rd Street & Davis vacant lot (Harvey Property) (Park)							\$ 400,000.00	\$ 400,000.00
13. Leonard Park parking lot (Park)							\$ 200,000.00	\$ 200,000.00
14. N. 3rd Street Trail and intersection alignment at Northside (Phase I)					\$ 1,620,000.00			\$ 1,620,000.00
15. N. 3rd Street Trail connection to outer city limits (Phase 2)				\$ 570,000.00				\$ 495,000.00
16. High Trestle Trail connector construction (Trail) (Phase 3)					\$ 1,029,200.00			\$ 1,029,200.00
17. Trail Study-Town Center (Trail)		\$ 20,000.00						\$ 20,000.00
18. West Bridge Road Trail gap @ VanDorn Property (Trail)					\$ 47,000.00			\$ 47,000.00
19. West Bridge Trail-Parker to Neal Smith (Trail)						\$ 99,000.00		\$ 99,000.00
20. Woodhaven Linear Park Trail connection (Trail)						\$ 64,000.00		\$ 64,000.00
21. North Broadway sidewalks (sidewalks)						\$ 476,000.00		\$ 250,000.00
22. Crossroads trail connection to DeerHaven Trail & Neal Smith Trail							\$ 350,000.00	\$ 350,000.00
SANITARY SEWER								
23. North Trunk Sewer Study			\$ 20,000.00					\$ 20,000.00
24. Northeast Trunk Sewer Study				\$ 20,000.00				\$ 20,000.00
25. E. Southside Trunk Sewer							\$ 558,600.00	\$ 558,600.00
26. Inflow/Infiltration Study			\$ 30,000.00					\$ 30,000.00
27. Parker Lift Station Upgrade					\$ 124,000.00			\$ 124,000.00
28. TCI Lift Station Upgrade						\$ 96,000.00		\$ 96,000.00
STORM SEWER								
29. Sump Pump Collector lines						\$ 344,000.00		\$ 344,000.00
STREETS								
30. Street Repair Project		\$ 200,000.00		\$ 200,000.00	\$ 200,000.00	\$ 200,000.00		\$ 200,000.00
31. NW Hugg Drive/NW 72nd Street Project							\$ 1,000,000.00	\$ 1,000,000.00
32. Van Dorn/3rd Street Intersection					\$ 182,000.00			\$ 182,000.00
33. HMA Overlay project (2020)		\$ 1,729,794.00						\$ 1,729,794.00
34. East Broadway Street improvements					\$ 323,000.00			\$ 323,000.00
35. WhiteTail Parkway Corridor Study					\$ 25,000.00			\$ 25,000.00
42. E. Vista Lake intersection improvements (round-about)			\$ 1,862,051.00					
WATER								
36. Eastside Water Tower-project with DMWW				\$ 3,050,000.00	\$ 3,050,000.00			\$ 3,050,000.00
37. W. Bridge Road Water Main loop			\$ 76,140.00					\$ 76,140.00
38. New Water Well			\$ 513,000.00					\$ 513,000.00
39. Purchase Capacity-DMWW								\$ 500,000.00
40. NW 72nd Street Water Main							\$ 251,000.00	\$ 251,000.00
41. Water Tower Painting				\$ 290,000.00	\$ 290,000.00			\$ 290,000.00
(Difference from original 5-year CIP)		\$ 45,206.00	\$ (1,382,191.00)	\$ 2,636,000.00	\$ (7,510,800.00)	\$ 1,889,950.00		\$ (3,841,975.00)
GRAND TOTAL		\$ 2,189,794.00	\$ 2,206,191.00	\$ 6,640,000.00	\$ 10,861,000.00	\$ 1,460,250.00		\$ 23,357,235.00

*hyperlinks included on each project line for easy navigation

FY 2020-2021

~~Town Square Parking Lot Study~~

Trail Study – Town Center (Trail)

Facility Needs Assessment

2020 Street Repair Project

HMA Overlay Project – 2020

Property Purchase

FY 2021-2022

Town Square Parking Lot Study

Inflow/Infiltration Study

W. Bridge Road Water Main Loop

~~New Water Well~~

North Trunk Sewer Study

Lost Lakes Park – Phase II (Parks)

N. 3rd Street & Vista Lake Avenue Intersection Improvements Project

FY 2022-2023

N. 3rd Street Trail Connection to Outer City Limits

~~Regional Park Facility~~

City Hall Parking Lot

~~Eastside Water Tower Project with DMWW~~

Northeast Trunk Sewer Study

~~Property Purchase~~

~~Water Tower Painting~~

City Hall / Police / Fire Station - Remodel / Rebuild

2022 Street Repair Project

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FY 2023-2024

N. 3rd Street Trail and Intersection Align at Northside Dr

High Trestle Trail Connector

White Tail Parkway Corridor Study

Parker Lift Station Upgrade

West Bridge Road Trail Gap @ Van Dorn Property (Trail)

Van Dorn / 3rd Street Improvements

East Broadway Street Improvements

Regional Park Facility

Eastside Water Tower Project with DMWW

Water Tower Painting

2023 Street Repair Project

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FY 2024-2025

West Bridge Trail - Parker to Neal Smith (Trail)

Sump Pump Collector Lines

TCI Lift Station Upgrade

Twelve Oaks Park – Phase II (Parks)

North Broadway Sidewalks

~~City Hall / Police / Fire Station – Remodel / Rebuild~~

Woodhaven Trail Connection (Trail)

2024 Street Repair Project

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Buildings

PROJECT: Project #4 Town Square Parking Study

COUNCIL RANKING: A/24 points

PROPOSED DATE FOR CONSTRUCTION: ~~FY20-21 July 1, 2020 June 30, 2021~~ FY21-22 July 1, 2021 – June 30, 2022

SOURCE OF REVENUE: General Fund

Description of Project: This project consists of an assessment of the town square parking issues. The study would focus on the possibility of re-striping the square, as well as initiating one-ways to maximize parking.

Cost Estimate:

Item	Total
Lump Sum estimate amount	\$15,000

Justification for Project: There is a need for parking on the square and with the small amount of space for expansion the need for evaluating different methods for parking. This study has been budgeted for in the FY20-21 budget.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Parks & Rec

PROJECT: Project #17 Trail Study-Town Center (Trail)

COUNCIL RANKING: A/24 points

PROPOSED DATE FOR CONSTRUCTION: FY20-21 July 1, 2020-June 30, 2021

SOURCE OF REVENUE: General Fund

Description of Project: This study consists of planning and budgeting for connection of E. Broadway Street, S. 3rd Street, and N. 3rd Street trails to the City square.

Cost Estimate:

Item	Total
Lump Sum estimate amount	\$20,000

Justification for Project: This study is a priority for the City to have multiple trail avenues to the center of the City, providing additional economic dollars into the local community. The study will analyze possible connections as well as cost estimates for those connections. Future construction of the trails would be potential future projects depending on the outcome of the study. This study has been budgeted for in the FY20-21 budget.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Buildings

PROJECT: Project #1 Facility Needs Assessment

COUNCIL RANKING: A/24 points

PROPOSED DATE FOR CONSTRUCTION: FY20-21 July 1, 2020-June 30, 2021

SOURCE OF REVENUE: General Fund

Description of Project: This project consists of a study of all city facilities. The assessment would provide the City with a list of deficiencies for all city facilities (to include City Hall, Police Department, Fire Station, Public Works Facility, Community Center, Public Library, and Miller Park Shelter house) and would give us cost opinions to remodel vs. rebuild for each building.

Cost Estimate:

Item	Total
Lump Sum estimate amount	\$50,000

Justification for Project: This assessment will provide the City with a good understanding of what it will cost the City to build new facilities vs. remodel the current city facilities. The study will take things into consideration such as: future growth of the community, future growth for staffing, and different alternatives for remodeling options. Future construction of buildings related to this study would be potential future projects depending on the outcome of the study. This study has been budgeted in the FY20-21 budget.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Streets

PROJECT: Project #30 2020 Street Repair Project

COUNCIL RANKING: A/24 points

PROPOSED DATE FOR CONSTRUCTION: FY20-21 July 1, 2020-June 30, 2021

SOURCE OF REVENUE: General Fund

Description of Project: This program has been ongoing for 3 budget years for minor street repairs. The City has designated annually \$200,000 - \$300,000 to repair concrete street panels throughout the community. After the FY20-21 budget, the City will move this expense to the Road Use Fund, and this project will be ongoing each year to repair and replace portions of city streets.

Cost Estimate:

Item	Total
Construction Costs	\$165,300
Construction Contingency	\$16,500
Engineering & Project Administration	<u>\$18,200</u>
	\$200,000

Justification for Project: This project is an ongoing project. In 2018 the City identified multiple concrete streets in town that needed to be repaired. Each year the City designates a dollar amount to repair as many streets as possible to increase the longevity of the City's streets.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Streets

PROJECT: Project #33 HMA Overlay Project 2020

COUNCIL RANKING: A/24 points

PROPOSED DATE FOR CONSTRUCTION: FY20-21 July 1, 2020-June 30, 2021

SOURCE OF REVENUE: General Obligation Loan/General Fund

Description of Project: Overlay all asphalt streets in Polk City.

Cost Estimate:

Item	Total
Construction Costs	\$1,928,633.50
	<u>\$1,729,794</u>
In-kind contribution	\$165,088
	<u>\$1,928,633.50</u>

A detailed cost estimate from Polk County is attached.

Justification for Project: The City had an opportunity to join Polk County's contract for asphalt overlay in 2020. The estimated cost for the City to construct the project as a stand-alone project was \$2.8 million. The City was able to save significantly by joining Polk County's contract. An in-kind contribution of \$165,088 for Design and Construction Administration services was contributed from Polk County. This project was budgeted for in the FY20-21 budget.



Grimes Asphalt and Paving Corporation

Post Office Box 3374
5550 NE 22nd Street
Des Moines, IA 50316
Phone: (515) 266-5173 Fax: (515) 266-5255
www.grimesasphalt.com

To:	Polk County	Contact:	Matt Yonker
Address:	5885 NE 14th Street Des Moines, IA 50313	Phone:	
Project Name:	Polk City 2020 HMA Resurfacing	Fax:	
Project Location:		Bid Number:	
		Bid Data:	

Item #	Description	Quantity	Unit	Unit Price	Total Price
	4" HMA Resurfacing	17,327.00	TON	\$11.00	\$1,334,179.00
2	Mitig Butt Joints- Includes Cleaning And Prep	16,355.00	SY	\$5.50	\$8,995.25
3	Manhole Boxouts- Includes New Castings And Chimney Seals And Water Valves	11.00	EACH	\$2,000.00	\$144,000.00
11	HMA Shouldering	860.00	TON	\$11.00	\$66,220.00
5	Pavement Markings	133.00	ST	\$60.00	\$7,980.00
6	Traffic Control	1.00	LS	\$25,000.00	\$25,000.00
7	Mobmization	1.00	LS	\$25,000.00	\$25,000.00
8	Earth Shouldering	43.00	TON	\$205.00	\$1,181.50
9	Granular Shouldering	1,351.00	TON	\$37.00	\$49,987.00
10	Aggregates	30.00	mcy	\$450.00	\$13,500.00

Total Bid Price: \$1,928,633.50

Payment Terms:

This proposal may be withdrawn by us if not accepted within 30 days.

It is understood that progress payments shall be made as work progresses, final payment due upon completion. A service charge of 1 1/2% will be added if not paid within 30 days from date of invoice.

This proposal voids all previous proposals.

It is understood that Grimes Asphalt may require credit assurances from the customer and/or owner, including but not limited to bank letters of guarantee and/or payments deposited into escrow accounts before work commences or at anytime during the performance of work.

ACCEPTED: The above prices, specifications and conditions are satisfactory and are hereby accepted. Buyer: _____ Signature: _____ Date of Acceptance: _____	CONFIRMED: Grimes Asphalt and Paving Corporation Authorized Signature: _____ Estimate Dr: _____
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SNYDER A

1,000

Future HMA Mill and Overlay Projects

• a ASSOCIATES N

Future Street Repair Projects | Polk City, Iowa 11/02/2018

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Sanitary Sewer

PROJECT: Project #26 Inflow/Infiltration (I/I) study

COUNCIL RANKING: B/21 points

PROPOSED DATE FOR CONSTRUCTION: FY21-22 July 1, 2021-June 30, 2022

SOURCE OF REVENUE: Sewer Fund

Description of Project: This study will analyze the original area of Polk City and identify I/I issues within the sanitary sewer collection system.

Cost Estimate:

Item	Total
Lump Sum estimate amount	\$30,000

Justification for Project: This study will help the City to identify potential I/I problems in the original area of town. Once the study is complete, the City will plan accordingly to reduce I/I in this area identified. Completing the study is the first step of the process. Once the study is complete, the City will then need to implement a plan for construction/repair. Future construction of repairs would be potential future projects depending on the outcome of the study. Those repairs have not been incorporated into this CIP, however, the Council may need to make some changes once results from the study are finalized. A plan to address I/I issues could provide a cost savings as the City pays per gallon all discharge going to the Treatment Plant (WRA).

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Water

PROJECT: Project #37 W. Bridge Road Water main loop

COUNCIL RANKING: B/20 points

PROPOSED DATE FOR CONSTRUCTION: FY21-22 July 1, 2021-June 30, 2022

SOURCE OF REVENUE: Water Fund

Description of Project: Install approximately 250 feet of 12" water main to fill a gap in the City's water system.

Cost Estimate:

Item	Total
Construction Costs	\$39,675 <u>\$65,000</u>
Construction Contingency	\$8,325
Engineering & Project Administration	\$8,000 <u>\$11,140</u>
	\$56,000 <u>\$76,140</u>
Cost to construct in FY21-22:	\$58,000 <u>\$76,140</u>

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The completion of this project will create a critical water main loop on the southeast side of Polk City. The result of the project will produce better water flows and circulation within the system. The gap in this main is due to a residential lot (1401 W. Bridge Road) within a commercial district.

Project #37 W. Bridge Road Water main loop

ENGINEER'S PRELIMINARY BUDGETARY OPINION OF PROBABLE PROJECT COSTS



CONNECTION OF EXISTING WATER MAINS
BETWEEN PARKER BOULEVARD AND LAKESIDE FELLOWSHIP CHURCH

Polk City, Iowa

120.0001.01

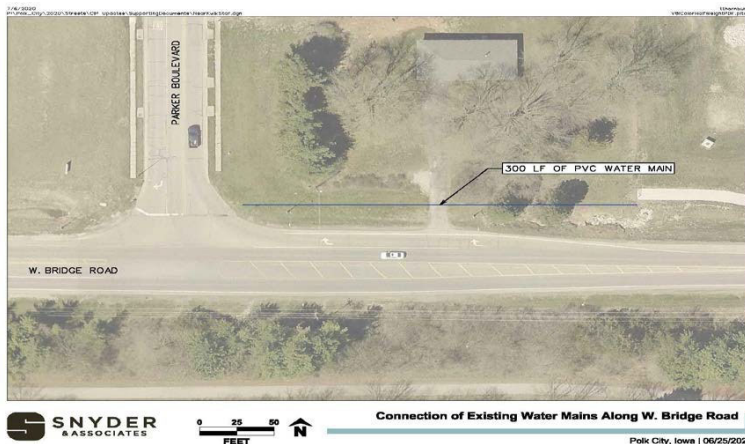
June 25, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
WATER MAIN AND APPURTENANCES					
5.1	12" PVC Water Main (1)	300	LF	\$ 100.00	\$ 30,000.00
STREETS AND RELATED WORK					
7.1	Removal of Pavement	35	SY	\$ 20.00	\$ 700.00
7.2	Driveway, PCC, 7"	35	SY	\$ 85.00	\$ 2,975.00
SITE WORK AND LANDSCAPING					
9.1	Permanent Seeding (2)	0.6	ACRE	\$ 5,000.00	\$ 3,000.00
GENERAL PROVISIONS					
11.1	Mobilization	1	LS	\$ 3,000.00	\$ 3,000.00
Subtotal:					\$ 39,675.00
Contingency (~20%):					\$ 8,325.00
CONSTRUCTION TOTAL:					\$ 48,000.00
Engineering, Construction, and Administration (~15%):					\$ 8,000.00
TOTAL PROJECT COST (FY 2020):					\$ 56,000.00
TOTAL PROJECT COST (FY 2021):					\$ 58,000.00

Notes

(1) Item will include removal and replacement of existing paved driveway.

(2) Assumes a disturbed width of 30' over all trenched water main.



CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Water

PROJECT: Project #38 New water well

COUNCIL RANKING: B/19 points

PROPOSED DATE FOR CONSTRUCTION: FY21-22 July 1, 2021-June 30, 2022

SOURCE OF REVENUE: Water Fund

Description of Project: This project would include a new well and upgrades at the water treatment plant.

Cost Estimate:

Item	Total
Construction Costs	\$390,000
Construction Contingency	\$39,000
Engineering & Project Administration	\$64,000
	\$493,000
Cost to construct in FY21-22:	\$513,000

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The City currently produces approximately 50% of water sold and purchases approximately 50% from Des Moines Water Works (DMWW). A new well and upgrades will increase the City's water production. Producing additional water would help the City during peak capacity days from DMWW and paying a premium for those peak days. A new well could also allow for less reliability on DMWW for water.

ENGINEER'S PRELIMINARY BUDGETARY OPINION OF PROBABLE PROJECT COSTS



NEW WATER WELL

Polk City, Iowa
120.0001.01
July 9, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
1.0	New Well (1)	1	LS	\$ 180,000.00	\$ 180,000.00
2.0	Remove Existing Filters #1 & #2 and Piping	1	LS	\$ 25,000.00	\$ 25,000.00
3.0	One New 90" Diameter Filter	1	LS	\$ 155,000.00	\$ 155,000.00
4.0	High Service Pump Replacement	1	LS	\$ 5,000.00	\$ 5,000.00
5.0	Chemical Feed Revisions	1	LS	\$ 5,000.00	\$ 5,000.00
6.0	Water Plant Cellular Alarm Dialer	1	LS	\$ 20,000.00	\$ 20,000.00
Subtotal:					\$ 390,000.00
Contingency (~10%):					\$ 39,000.00
CONSTRUCTION TOTAL:					\$ 429,000.00
Engineering, Construction, and Administration (~15%):					\$ 64,000.00
TOTAL PROJECT COST (FY 2020):					\$ 493,000.00
TOTAL PROJECT COST (FY 2021):					\$ 513,000.00

Notes

- (1) Includes test holes, test well, permanent well, new electrical power service, and 500 feet of new raw water main. This cost opinion is based on the finding of an acceptable location for the proposed well within 500' of the existing facilities. If well investigation determines there are no suitable locations within 500' of the existing facilities, raw water main length and associated costs may increase significantly depending on the final location of the new well.
- (2) This cost opinion does not include upgrades to the City's existing control system, or potential acquisition of a supervisory control and data acquisition (SCADA) system. The scope and cost of these upgrades will be determined during the design phase of the project.
- (3) This cost opinion does not include any testing or monitoring of the existing City Iron Lagoon. This testing may be required by the Iowa DNR at the time of design. The scope and cost of these measures will be determined during the design process.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Sanitary Sewer

PROJECT: #23 North Trunk Sewer Study

COUNCIL RANKING: B/19 points

PROPOSED DATE FOR CONSTRUCTION: FY21-22 July 1, 2021-June 30, 2022

SOURCE OF REVENUE: Sewer Fund

Description of Project: This is a study of the sanitary sewer capacity in the area north of Whitetail Ridge Development.

Cost Estimate:

Item	Total
Lump Sum estimate amount	\$20,000

Justification for Project: This study will help the City to understand how much more development can occur north of Hugg Dr. and Whitetail Ridge before the sanitary sewer capacity is met. Once the capacities have been met, the City would have to look at other options to provide the area with sanitary sewer service.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Parks & Rec

PROJECT: #11 Lost Lakes Park-Phase II (Parks)

COUNCIL RANKING: D/16 points

PROPOSED DATE FOR CONSTRUCTION: FY21-22 July 1, 2021-June 30, 2022

SOURCE OF REVENUE: LOST

Description of Project: This project consists of additional improvements in Lost Lakes Park, which includes playground equipment, a sidewalk connection and landscaping.

Cost Estimate:

Item	Total
Construction Costs	\$186,955
Construction Contingency	<u>\$16,045</u>
	\$203,000

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The improvements to Lost Lakes park are outlined in the Master Park Plan. The plan identified a need for playground equipment in this area of town. The project will include playground equipment, playground surfacing for safety and ADA compliance, a sidewalk connection to the playground, and landscaping. The City Council prioritized moving this project into FY21-22.

Project #11 Lost Lakes Park-Phase II (Parks)



POLK CITY PARK IMPROVEMENTS
LOST LAKE PARK - PHASE 2- 2022 PROJECTION
CITY OF POLK CITY, IOWA
Opinion of Probable Construction Cost
Updated 06/30/20
117.0001

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
PCC Pavement					
1.1	5" PCC Sidewalk	100	SY	\$ 54.00	\$ 5,400.00
1.2	Perimeter Curbing	230	LF	\$ 26.00	\$ 5,980.00
				Subtotal:	\$ 11,380.00
Miscellaneous					
2.1	Play Structure	1	LS	\$ 78,000.00	\$ 78,000.00
2.2	Safety Surfacing w PCC Base and Trench Drain	3,400	SF	\$ 24.00	\$ 81,600.00
				Subtotal:	\$ 159,600.00
Surface Restoration					
3.1	Canopy Tree	21	EA	\$ 475.00	\$ 9,975.00
3.2	Type I Lawn Seeding	1	AC	\$ 4,000.00	\$ 4,000.00
3.3	Wetland Seeding	0.5	AC	\$ 4,000.00	\$ 2,000.00
				Subtotal:	\$ 15,975.00
				CONSTRUCTION TOTAL:	\$ 186,955.00
				Contingency (10%):	\$ 16,000.00
				TOTAL PROJECT COST:	\$ 203,325.00

Notes

- (1) This opinion of probable cost was completed using conceptual site layout. Snyder & Associates, Inc. is not responsible for an discrepancies between this assumed layout and quantities and the actual bids of the final plans and final quantities
- (2) This opinion of probable cost includes only those items related to site development known by Snyder & Associates, Inc. pertaining to this project; and does not include engineering, legal items, abstracing, appraisal fees, architectural fees, bonds, park site dedication, marketing soils geotechnical and or utility testing, administration, land costs, buildings, off-street parking, walls, and landscaping



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CITY OF POLK CITY

CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Streets

PROJECT: Project #42 N. 3rd Street & Vista Lake Avenue Intersection Improvements Project

COUNCIL RANKING:

PROPOSED DATE FOR CONSTRUCTION: FY21-22 July 1, 2021-June 30, 2022

SOURCE OF REVENUE: General Obligation Bonds

Description of Project: This project consists of installing a roundabout at the intersection of N. 3rd Street & Vista Lake Avenue Intersection

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Cost Estimate:

<u>Item</u>	<u>Total</u>
Construction Costs	\$
Construction Contingency	\$
Engineering & Project Administration	\$
	\$
Cost to construct in FY21-22:	<u>\$1,862,051</u>

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Justification for Project: Intersection improvements at N 3rd Street and Vista Lake Avenue, this project will help address peak traffic flow for the new Intermediate School. The City, School District, and Developer are sharing the costs of the improvements.

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CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Parks & Rec

PROJECT: Project #15 N. 3rd Street Trail connection to outer city limits (trail)

COUNCIL RANKING: B/19 points

PROPOSED DATE FOR CONSTRUCTION: FY22-23 July 1, 2022-June 30, 2023

SOURCE OF REVENUE: General Obligation Loan/LOST/[Land and Water Conservation Fund Grant](#)

Description of Project: This project consists of installing a trail beginning at Madison Drive, through the Technology Campus to the end of city limits. This would be considered Phase II of the trail connection to the High Trestle Trail.

Cost Estimate:

Item	Total
Construction Costs	\$338,450
Construction Contingency	\$85,550
Engineering & Project Administration	<u>\$51,000</u>
	\$475,000
 Cost to construct in FY22-23:	 \$495,000
	<u>570,000</u>

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The justification for this project is to connect this area of town to the town square, and future trail connections. The future possibility of connecting to the High Trestle Trail (HTT) would extend beyond City limits. The trail will also provide for a sidewalk/trail path to the new proposed elementary school site to be located in the Technology campus. The City will utilize 2 funding sources for this project-\$380,000 in LOST, and the remainder paid for with General Obligation bonds.

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS

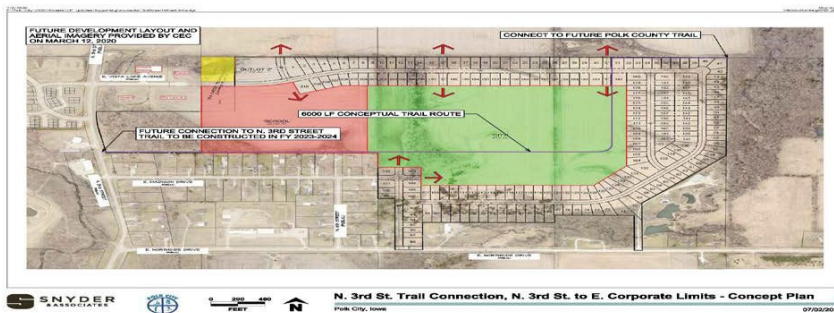


N. 3RD STREET TRAIL CONNECTION
3RD STREET TO EAST CORPORATE LIMITS
 POLK CITY, IOWA
 120.0001.01
 July 2, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
EARTHWORK					
2.1	Excavation, Class 10	(1) 2000	CY	\$ 15.00	\$ 30,000.00
2.2	Special Subgrade Preparation for Shared Use Path	(2) 8200	SY	\$ 3.00	\$ 24,600.00
STREETS AND RELATED WORK					
7.1	Shared Use Path, PCC, 5"	5900	SY	\$ 40.00	\$ 236,000.00
SITE WORK AND LANDSCAPING					
9.1	Conventional Seeding, Seeding, Fertilizing, and Mulching, Type 1	(3) 2	ACRE	\$ 4,500.00	\$ 9,000.00
9.2	Filter Sock, 8"	(4) 5300	LF	\$ 3.00	\$ 15,900.00
9.3	Filter Sock, Removal	(4) 5300	LF	\$ 1.50	\$ 7,950.00
GENERAL PROVISIONS					
11.1	Mobilization	1	LS	\$ 15,000.00	\$ 15,000.00
Subtotal:					\$ 338,450.00
Contingency (~25%):					\$ 85,550.00
CONSTRUCTION TOTAL:					\$ 424,000.00
Engineering, Construction, and Administration (~12%): \$ 51,000.00 TOTAL					
PROJECT COST (FY 2020): \$ 475,000.00 TOTAL					
PROJECT COST (FY 2022): \$ 495,000.00					

Notes

- (1) Assumes 1' of excavation over trail width and one (1) additional foot on each side.
- (2) Assumes subgrade preparation under trail and one (1) additional foot on each side.
- (3) Assumes seeding will be required for 5' on each side of shared use path.
- (4) Assumes filter sock to be placed along downhill side of shared use path.



CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Parks & Rec

PROJECT: Project #9 Regional Park Facility (Park)

COUNCIL RANKING: B/19 points

PROPOSED DATE FOR CONSTRUCTION: ~~FY22-23 July 1, 2022 June 30, 2023~~ FY23-24 July 1, 2023 – June 30, 2024

SOURCE OF REVENUE: General Obligation Loan/Grants/Private Donations

Description of Project: This project consists of a new park facility with multiple recreation amenities in Polk City. The project cost does not include purchase of property. A master park plan would need to be implemented as the next step for this project. Once a plan is implemented, a cost estimate will be provided and implemented into the CIP as an addendum.

Cost Estimate:

Item	Total
Lump Sum estimate amount	\$5,000,000

Justification for Project: The City is in need of additional green space and fields and has prioritized this large-scale project. Although a master park plan is not yet completed, the City has a desire and plans to secure a property for a large park facility. The City will utilize multiple funding sources for this project-estimated issuance of \$2 million in General Obligation bonds, \$1 million General Fund fund balance, and \$2 million in grants and private donations. Although a trail connection is not part of this project, but as a separate project, there would be trail access to the facility.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Buildings

PROJECT: Project #3 City Hall Parking lot

COUNCIL RANKING: C/18 points

PROPOSED DATE FOR CONSTRUCTION: FY22-23 July 1, 2022-June 30, 2023

SOURCE OF REVENUE: LOST

Description of Project: This project consists of providing 42 new spaces for additional parking at City facilities at 302 S. 3rd Street. This project consists of paving a new parking lot on city owned property.

Cost Estimate:

Item	Total
Construction Costs	\$143,625
Construction Contingency	\$29,375
Landscaping	\$12,000
Engineering & Project Administration	<u>\$37,000</u>
	\$222,000
 Cost to construct in FY22-23:	 \$231,000

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The City needs additional parking at City Hall, and during our non-peak hours it could provide additional parking for the town square in general. The parking lot would have two access points, one on Van Dorn Street and the second on S. 4th Street.

Project #3 City Hall Parking lot

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS



POLK CITY CITY HALL PARKING LOT
302 W. VAN DORN STREET
POLK CITY, IOWA
June 25, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
EARTHWORK					
2.1	Topsoil, On-Site	300	CY	\$ 20.00	\$ 6,000.00
2.2	Class 10 Excavation	500	CY	\$ 20.00	\$ 10,000.00
2.3	Subgrade Preparation, 12 Inches (1)	1500	SY	\$ 5.00	\$ 7,500.00
SEWERS AND DRAINS					
4.1	Storm Sewer, 2000D RCP, 15 Inch Dia.	12	LF	\$ 150.00	\$ 1,800.00
STRUCTURES FOR SANITARY AND STORM					
6.1	Intake	1	EA	\$ 3,500.00	\$ 3,500.00
STREETS AND RELATED WORK					
7.1	Pavement, PCC, 6"	1375	SY	\$ 60.00	\$ 82,500.00
7.2	Driveway, Paved, PCC, 7"	125	SY	\$ 65.00	\$ 8,125.00
8.3	Removal of Sidewalk	10	SY	\$ 35.00	\$ 350.00
8.4	Sidewalk, PCC, 4 Inch	10	SY	\$ 95.00	\$ 950.00
TRAFFIC CONTROL					
8.1	Temporary Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
8.2	Painted Pavement Markings, Solvent/Waterborne (2)	7.4	STA	\$ 500.00	\$ 3,700.00
SITE WORK AND LANDSCAPING					
9.1	Conventional Seeding, Seeding, Fertilizing, and Mulching	1	ACRE	\$ 4,500.00	\$ 4,500.00
9.2	Silt Fence or Silt Fence Ditch Check (3)	550	LF	\$ 3.00	\$ 1,650.00
9.3	Silt Fence or Silt Fence Ditch Check, Removal of Device (3)	550	LF	\$ 1.00	\$ 550.00
GENERAL PROVISIONS					
11.1	Mobilization	1	LS	\$ 7,500.00	\$ 7,500.00
Subtotal:					\$ 143,625.00
Contingency (~20%):					\$ 29,375.00
CONSTRUCTION TOTAL:					\$ 173,000.00
Other Project Costs					
Landscaping: (4)					\$ 12,000.00
Engineering, Construction, and Administration (~20%):					\$ 37,000.00
TOTAL PROJECT COST (FY 2020):					\$ 222,000.00
TOTAL PROJECT COST (FY 2022):					\$ 231,000.00



Notes

- (1) Assumes 12 inches of subgrade preparation under all paved areas.
- (2) Includes parking stall lines only.
- (3) Assumes one line of silt fence around entire proposed paving area.
- (4) Assumes one shrub to be placed every 3 feet around all sides of parking lot for screening. Assumes a unit price of \$80 per shrub to be furnished, placed, and established.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Water

PROJECT: Project #36 Eastside Water Tower Project with DMWW

COUNCIL RANKING: C/18 points

PROPOSED DATE FOR CONSTRUCTION: ~~FY22-23 July 1, 2022 June 30, 2023~~ FY23-24 July 1, 2023 – June 30, 2024

SOURCE OF REVENUE: SRF Loan/Water

Description of Project: New elevated storage (water tower) in partnership with DMWW.

Cost Estimate:

Item	Total
Estimated Polk City construction costs	<u>\$3,050,000</u>
	\$3,050,000

Justification for Project: Polk City needs additional elevated storage for the water system. The City currently has a 330,000-gallon tower. This new proposed tower would provide an additional 500,000-gallon storage capacity. The additional storage will protect the City for fire protection and emergency water supply. In 2015 the City completed a study, which resulted in the recommendation of additional water storage for the community. The proposed site of the water tower has not yet been established. This is a dual project between the City of Polk City and DMWW.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Sanitary Sewer

PROJECT: Project #24 Northeast Trunk sewer study

COUNCIL RANKING: C/17 points

PROPOSED DATE FOR CONSTRUCTION: FY22-23 July 1, 2022-June 30, 2023

SOURCE OF REVENUE: Sewer Fund

Description of Project: This study will study the sanitary sewer capacity in the area north of Hugg Dr. and Creekview Estates.

Cost Estimate:

Item	Total
Lump Sum estimate amount	\$20,000

Justification for Project: This study will allow Polk City to understand how much more development can happen in the area north of Hugg Dr. and Creekview Estates before the sanitary sewer capacity is met. When the sewer main and pump station capacities are met, Polk City would review other options to get sewer service to the new area.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Buildings

PROJECT: Project #8 Property purchase

COUNCIL RANKING: C/17 points

PROPOSED DATE FOR CONSTRUCTION: ~~FY22-23 July 1, 2022 June 30, 2023~~FY20-21 July 1, 2020 – June 30, 2021

SOURCE OF REVENUE: General Fund/LMI

Description of Project: This purchase is to acquire property for future facility expansion.

Cost Estimate:

Item	Total
Lump Sum estimate amount	\$190,000

Justification for Project: The City will need to expand facilities in the future.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Water

PROJECT: Project #41 Water Tower painting

COUNCIL RANKING: C/17 points

PROPOSED DATE FOR CONSTRUCTION: ~~FY22-23 July 1, 2022 June 30, 2023~~FY23-24 July 1, 2023 – June 30, 2024

SOURCE OF REVENUE: SRF Loan/Water

Description of Project: Painting the outside and inside of the Booth Street water tower.

Cost Estimate:

Item	Total
Construction Costs	\$194,000
Construction Contingency	\$39,000
Engineering & Project Administration	<u>\$35,000</u>
	\$268,000
 Cost to construct in FY22-23:	 \$290,000

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The tower has not been painted in approximately 25 years and is at its maintenance life expectancy. Painting the tower will provide an immediate beautification effort, but as well expand its longevity. The City plans to complete the painting of the water tower once the new tower is online.

Project #41 Water Tower painting

ENGINEER'S PRELIMINARY BUDGETARY OPINION OF PROBABLE PROJECT COSTS



WATER TOWER PAINTING

Polk City, Iowa

120.0001.01

June 30, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
1.0	Surface Preparation & Painting (Interior)	(1) 7400	SF	\$ 10.00	\$ 74,000.00
2.0	Surface Preparation & Painting (Exterior)	(2) 14000	SF	\$ 8.00	\$ 112,000.00
3.0	Repairs	(3) 1	LS	\$ 8,000.00	\$ 8,000.00
Subtotal:					\$ 194,000.00
Contingency (~20%):					\$ 39,000.00
CONSTRUCTION TOTAL:					\$ 233,000.00
Engineering, Construction, and Administration (~15%):					\$ 35,000.00
TOTAL PROJECT COST (FY 2020):					\$ 268,000.00
TOTAL PROJECT COST (FY 2022):					\$ 290,000.00

Notes

- (1) Item will include complete repainting of 300,000 gallon tank interior.
- (2) Item will include overcoating of 300,000 gallon tank exterior.
- (3) Amount for repairs is assumed and may vary.

CITY OF POLK CITY

CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Streets

PROJECT: Project #43 2022 Street Repairs Project

COUNCIL RANKING:

PROPOSED DATE FOR CONSTRUCTION: FY22-23 July 1, 2022 – June 30, 2023

SOURCE OF REVENUE: Local Option Sales Tax (LOST)/Road Use Tax (RUT)

Description of Project: This project consists of addressing streets in need of repairs.

Cost Estimate:

<u>Item</u>	<u>Total</u>
<u>Construction Costs</u>	<u>\$170,000</u>
<u>Construction Contingency</u>	<u>\$</u>
<u>Right of Way costs</u>	<u>\$</u>
<u>Engineering & Project Administration</u>	<u>\$30,000</u>
	<u>\$</u>
<u>Cost to construct in FY22-23:</u>	<u>\$200,000</u>

Justification for Project: This project is an ongoing project. The City identified multiple concrete streets in town that needed to be repaired. Each year the City designates a dollar amount to repair as many streets as possible to increase the longevity of the City's streets.

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CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Parks & Rec

PROJECT: Project #14 N. 3rd Street Trail and intersection alignment at Northside Dr.

COUNCIL RANKING: A/24 points

PROPOSED DATE FOR CONSTRUCTION: FY23-24 July 1, 2023-June 30, 2024

SOURCE OF REVENUE: General Obligation Loan/Grants

Description of Project: This project consists of addressing alignment at the intersection of N. 3rd Street and Northside Drive, and installing a trail starting at Kiwanis Park and ending at Madison Dr on N. 3rd St. The City has received grant funding for this project in the amount of ~~\$393,000~~\$93,000 and the City Council has prioritized this project for FY23-24.

Cost Estimate:

Item	Total
Construction Costs	\$1,065,575
Construction Contingency	\$213,115
Right of Way costs	\$25,000
Engineering & Project Administration	<u>\$192,000</u>
	\$1,496,000
 Cost to construct in FY23-24:	 \$1,620,000

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The City Council has prioritized this project as a phased approach to connecting to the High Trestle Trail. This project would be considered Phase 1 of that important trail connection but would also realign the intersection at Northside Drive and N. 3rd Street.

Project #14 N. 3rd Street Trail and intersection alignment at Northside Dr.
ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS



**N. 3RD STREET CURVE RECONSTRUCTION AND TRAIL
 BROADWAY STREET TO NORTH CORPORATE LIMITS
 FLATTEN CURVE TO SHIFT WEST**
 POLK CITY, IOWA
 120.0001.01
 June 25, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
EARTHWORK					
2.1	Clearing & Grubbing	2.5	ACRE	\$ 5,000.00	\$ 12,500.00
2.2	Excavation, Class 10, Roadway and Borrow	6000	CY	\$ 16.00	\$ 96,000.00
2.3	Subgrade Preparation (1)	3400	SY	\$ 3.00	\$ 10,200.00
2.4	Subgrade Preparation, Recreation Trail	3300	SY	\$ 3.00	\$ 9,900.00
2.5	Special Backfill (8" Thickness) (1)	1100	TON	\$ 40.00	\$ 44,000.00
SEWERS AND DRAINS					
4.1	Storm Sewer Gravity Main, Trenched, RCP, 2000D, 12"	120	LF	\$ 80.00	\$ 9,600.00
4.2	Storm Sewer Gravity Main, Trenched, RCP, 2000D, 15"	440	LF	\$ 75.00	\$ 33,000.00
4.3	Storm Sewer Gravity Main, Trenched, RCP, 2000D, 18"	225	LF	\$ 95.00	\$ 21,375.00
4.4	Storm Sewer Gravity Main, Trenched, RCP, 2000D, 48"	120	LF	\$ 250.00	\$ 30,000.00
STRUCTURES FOR SANITARY AND STORM					
6.1	Removal of Existing Culverts	200	LF	\$ 30.00	\$ 6,000.00
6.2	Apron, Concrete, 18"	2	EA	\$ 1,500.00	\$ 3,000.00
6.3	Manhole, Storm Sewer, SW-401, 48"	2	EA	\$ 4,500.00	\$ 9,000.00
6.4	Intake, SW-503	3	EA	\$ 5,000.00	\$ 15,000.00
6.5	Intake, SW-512, 24"	4	EA	\$ 2,800.00	\$ 11,200.00
6.6	Removal of Existing Concrete Headwall	1	EA	\$ 8,000.00	\$ 8,000.00
6.7	Connection of Dissimilar Pipes	3	EA	\$ 1,500.00	\$ 4,500.00
6.8	Reinforced Concrete Headwall	1	LS	\$ 40,000.00	\$ 40,000.00
STREETS AND RELATED WORK					
7.1	Removal of Pavement	2700	SY	\$ 15.00	\$ 40,500.00
7.2	Removal of Paved Driveway	170	SY	\$ 10.00	\$ 1,700.00
7.3	Removal of Shared Use Path	215	SY	\$ 10.00	\$ 2,150.00
7.4	Pavement, HMA, 9" Depth	2600	SY	\$ 65.00	\$ 169,000.00
7.5	Shared Use Path, PCC, 5" Depth	2600	SY	\$ 45.00	\$ 117,000.00
7.6	Shared Use Path, PCC, 6" Depth	280	SY	\$ 55.00	\$ 15,400.00
7.7	Detectable Warning	200	SF	\$ 40.00	\$ 8,000.00
7.8	Curb and Gutter, 2.5' Width, 6" Standard Curb	1600	LF	\$ 50.00	\$ 80,000.00
7.9	Driveway, PCC, 6" Depth	300	SY	\$ 65.00	\$ 19,500.00
7.10	HMA Pavement Samples and Testing	1	LS	\$ 3,000.00	\$ 3,000.00
7.11	PCC Pavement Samples and Testing	1	LS	\$ 2,000.00	\$ 2,000.00
TRAFFIC CONTROL					
8.1	Temporary Traffic Control	1	LS	\$ 15,000.00	\$ 15,000.00
8.2	Construction Staging (2)	1	LS	\$ 100,000.00	\$ 100,000.00
8.3	Painted Pavement Markings, Solvent/Waterborne	25	STA	\$ 200.00	\$ 5,000.00

Project #14 N. 3rd Street Trail and intersection alignment at Northside Dr.
ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS

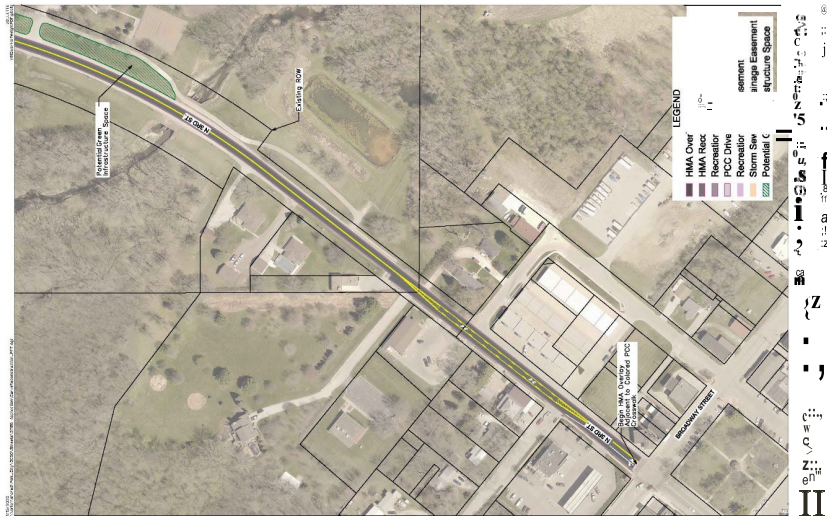
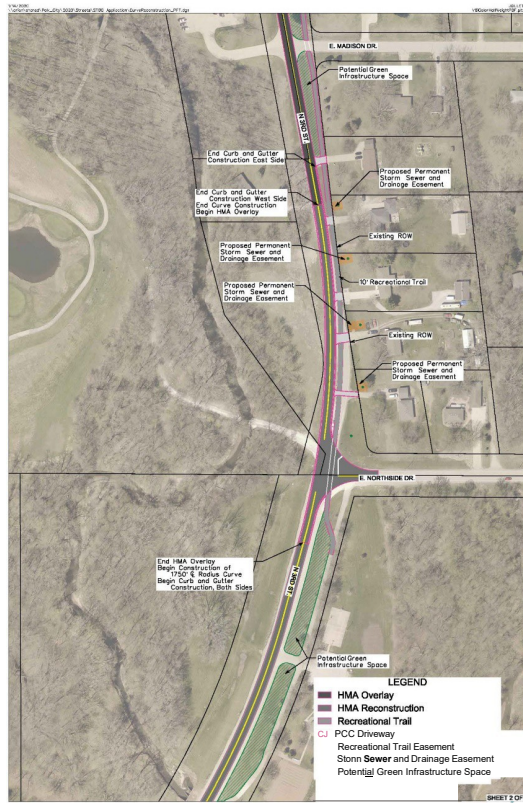
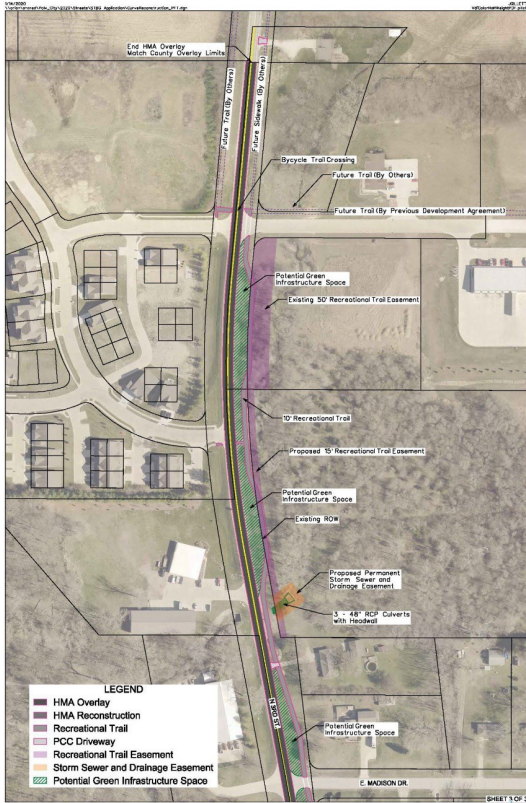


**N. 3RD STREET CURVE RECONSTRUCTION AND TRAIL
 BROADWAY STREET TO NORTH CORPORATE LIMITS
 FLATTEN CURVE TO SHIFT WEST**
 POLK CITY, IOWA
 120.0001.01
 June 25, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
SITE WORK AND LANDSCAPING					
9.1	Fence, Chain Link, 72" Height	80	LF	\$ 150.00	\$ 12,000.00
9.2	Hydraulic Seeding, Fertilizing and HydroMulching	2.5	ACRE	\$ 3,500.00	\$ 8,750.00
9.3	Sodding	560	SQ	\$ 70.00	\$ 39,200.00
9.4	Filter Sock, 8" Dia. (Placement & Removal)	900	LF	\$ 4.00	\$ 3,600.00
9.5	Remove and Reinstall Mailbox	5	EA	\$ 500.00	\$ 2,500.00
9.6	Remove and Reinstall Sign	3	EA	\$ 1,000.00	\$ 3,000.00
9.7	SWPPP Management	1	LS	\$ 3,000.00	\$ 3,000.00
GENERAL PROVISIONS					
11.1	Mobilization (Estimated at 5%)	1	LS	\$ 52,000.00	\$ 52,000.00
Subtotal:					\$ 1,065,575.00
Contingency (20%):					\$ 213,115.00
CONSTRUCTION TOTAL:					\$ 1,279,000.00
<u>Other Project Costs</u>					
Right of Way:					\$ 25,000.00
Survey, Engineering, and Construction Services (Est. 15%):					\$ 192,000.00
TOTAL PROJECT COST (FY 2020):					\$ 1,496,000.00
TOTAL PROJECT COST (FY 2024):					\$ 1,620,000.00

Notes

- (1) Assumes preparation occurs to 2' behind back of curb for curve reconstruction area.
- (2) Additional cost to account for construction phasing to maintain at least one lane of traffic open throughout the duration of the project. Estimated at 15% increase in construction costs related to earthwork, HMA curve reconstruction, PCC trail construction, and storm sewer installation.



CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Parks & Rec

PROJECT: Project #16 High Trestle Trail connector

COUNCIL RANKING: D/16 points

PROPOSED DATE FOR CONSTRUCTION: FY23-24 July 1, 2023-June 30, 2024

SOURCE OF REVENUE: Polk County Project

Description of Project: This project consists of installing a trail connection from outer city limits to the High Trestle Trail. There has not been a route identified for this trail connection, but the total distance is approximately 1 mile to the HTT. This project would be considered Phase 3 of the complete trail connection.

Cost Estimate:

Item	Total
Estimated construction costs	<u>\$1,029,200</u>

Justification for Project: The justification for this project is to completely connect the Town Square to the High Trestle Trail. Polk County has taken the initiative for this project. For this Capital Improvement Plan, no dollar amount has been contributed from the City for this project assuming this would be a Polk County project. The Council may have the option in the future to assist financially.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Streets

PROJECT: Project #35 WhiteTail Parkway Corridor Study

COUNCIL RANKING: D/15 points

PROPOSED DATE FOR CONSTRUCTION: FY23-24 July 1, 2023-June 30, 2024

SOURCE OF REVENUE: Road Use Tax (RUT)

Description of Project: This study would develop a future street alignment and costs for the road beginning in the Whitetail Ridge development to N.3rd Street.

Cost Estimate:

Item	Total
Lump Sum estimate amount	\$25,000

Justification for Project: This study would assist the City and reserve the street corridor before development occurs. It will also provide costs to assist with future funding options. Future construction of street improvements would be a potential future project depending on the outcome of the study.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Sanitary Sewer

PROJECT: Project #27 Parker Lift Station upgrade

COUNCIL RANKING: D/15 points

PROPOSED DATE FOR CONSTRUCTION: FY23-24 July 1, 2023-June 30, 2024

SOURCE OF REVENUE: Sewer Fund

Description of Project: Replace the existing pumps with larger pumps.

Cost Estimate:

Item	Total
Construction Costs	\$80,000
Construction Contingency	\$16,000
Engineering & Project Administration	<u>\$14,000</u>
	\$110,000
 Cost to construct in FY23-24:	 \$124,000

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The justification for this project is due to the increased sewer flows from the Parker Boulevard area. Smaller flow pumps were initially installed because the sewer flows received at this lift station were too low for bigger flow pumps to operate properly. Now the flows have increased to accommodate the higher flow pumps.

ENGINEER'S PRELIMINARY BUDGETARY OPINION OF PROBABLE PROJECT COSTS



PARKER LIFT STATION UPGRADE

Polk City, Iowa

120.0001.01

July 2, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
1.0	Replacement of 2 Pumps	1	LS	\$ 40,000.00	\$ 40,000.00
2.0	Replacement of Control Panel (If Required) (1)	1	LS	\$ 20,000.00	\$ 20,000.00
3.0	Replacement of Wet Well Cover (If Required) (2)	1	LS	\$ 20,000.00	\$ 20,000.00
Subtotal:					\$ 80,000.00
Contingency (~20%):					\$ 16,000.00
CONSTRUCTION TOTAL:					\$ 96,000.00
Engineering, Construction, and Administration (~15%):					\$ 14,000.00
TOTAL PROJECT COST (FY 2020):					\$ 110,000.00
TOTAL PROJECT COST (FY 2023):					\$ 124,000.00

Notes

- (1) Replacement of control panel might be necessary if replacement pump motor size increases.
- (2) Replacement of wet well cover might be necessary if replacement pumps are too large to fit through the existing hatch opening.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Parks & Rec

PROJECT: Project #18 West Bridge Road Trail gap

COUNCIL RANKING: D/15 points

PROPOSED DATE FOR CONSTRUCTION: FY23-24 July 1, 2023-June 30, 2024

SOURCE OF REVENUE: LOST

Description of Project: This project consists of installing a trail connection from the Lakeside Church to Parker Blvd.

Cost Estimate:

Item	Total
Construction Costs	\$31,500
Construction Contingency	\$6,500
Engineering & Project Administration	<u>\$6,000</u>
	\$44,000
 Cost to construct in FY23-24:	 \$47,000

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The intent of this project is to fill in a gap along Bridge Road to the future KwikStar site. Once the KwikStar project is complete, the future intent will be to connect Bridge Road to the Neal Smith Trail.

Project #18 West Bridge Road Trail gap
ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS

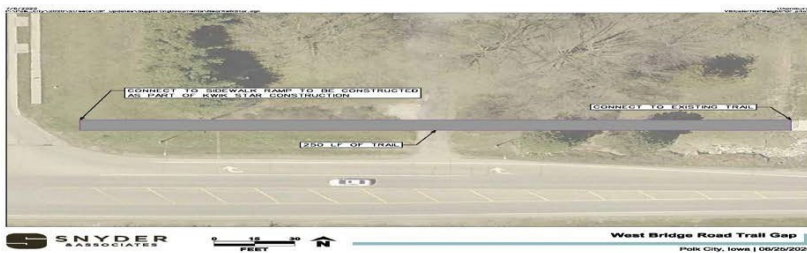


WEST BRIDGE ROAD TRAIL GAP
FRONTAGE ALONG VAN DOORN PROPERTY
 POLK CITY, IOWA
 120.0001.01
 June 25, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
	EARTHWORK				
2.1	Excavation, Class 10 (1)	115	CY	\$ 35.00	\$ 4,025.00
2.2	Special Subgrade Preparation for Shared Use Path (2)	335	SY	\$ 5.00	\$ 1,675.00
	STREETS AND RELATED WORK				
7.1	Shared Use Path, PCC, 5" (280)	280	SY	\$ 70.00	\$ 19,600.00
	TRAFFIC CONTROL				
8.1	Sidewalk Closure Traffic Control (1)	1	LS	\$ 1,000.00	\$ 1,000.00
	SITE WORK AND LANDSCAPING				
9.1	Conventional Seeding, Seeding, Fertilizing, and Mulching, Type 1 (3)	0.1	ACRE	\$ 7,000.00	\$ 700.00
9.2	Filter Sock, 8" (4)	250	LF	\$ 4.00	\$ 1,000.00
9.3	Filter Sock, Removal (4)	250	LF	\$ 2.00	\$ 500.00
	GENERAL PROVISIONS				
11.1	Mobilization (1)	1	LS	\$ 3,000.00	\$ 3,000.00
Subtotal:				\$	31,500.00
Contingency (~20%):				\$	6,500.00
CONSTRUCTION TOTAL:				\$	38,000.00
Engineering, Construction, and Administration (~15%):				\$	6,000.00
TOTAL PROJECT COST (FY 2020):				\$	44,000.00
TOTAL PROJECT COST (FY 2023):				\$	47,000.00

Notes

- (1) Assumes 1' of excavation over trail width and one (1) additional foot on each side.
- (2) Assumes subgrade preparation under trail and one (1) additional foot on each side.
- (3) Assumes seeding will be required for 5' on each side of shared use path.
- (4) Assumes filter sock to be placed along downhill side of shared use path.



CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Streets

PROJECT: Project #32 Van Dorn/3rd Street improvements

COUNCIL RANKING: D/15 points

PROPOSED DATE FOR CONSTRUCTION: FY23-24 July 1, 2023-June 30, 2024

SOURCE OF REVENUE: LOST

Description of Project: This project will consist of safety upgrades at the intersection of Van Dorn Street and 3rd Street. The improvements include curb bump outs, ADA compliant sidewalk ramps, a new flashing beacon for street crossing, and adjustments to the entrance of City Hall.

Cost Estimate:

Item	Total
Construction Costs	\$118,075
Construction Contingency	\$23,925
Engineering & Project Administration	<u>\$29,000</u>
	\$171,000
 Cost to construct in FY23-24:	 \$182,000

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: This project will improve the safety for pedestrians at this intersection. It will also provide an ADA compliant sidewalk to City Hall, and add some additional parking.

Project #32 Van Dorn/3rd Street improvements

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS



**3RD STREET AND VAN DORN STREET INTERSECTION IMPROVEMENTS
INTERSECTION AND CITY HALL PLAZA CONCEPT PLAN**

POLK CITY, IOWA

120.0001.01

June 25, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
EARTHWORK					
2.1	Excavation, Class 10 (1)	100	CY	\$ 35.00	\$ 3,500.00
STRUCTURES FOR SANITARY AND STORM					
6.1	Intake, SW-508, Top Only	1	EA	\$ 3,000.00	\$ 3,000.00
STREETS AND RELATED WORK					
7.1	Sidewalk, PCC, 4"	105	SY	\$ 65.00	\$ 6,825.00
7.2	Sidewalk, PCC, 6"	50	SY	\$ 80.00	\$ 4,000.00
7.3	Detectable Warning	60	SF	\$ 50.00	\$ 3,000.00
7.4	Removal of Pavement	375	SY	\$ 20.00	\$ 7,500.00
7.5	Removal of Sidewalk	150	SY	\$ 15.00	\$ 2,250.00
7.6	Curb and Gutter, 2.5' Width, 6" Standard	400	LF	\$ 45.00	\$ 18,000.00
TRAFFIC CONTROL					
8.1	Temporary Traffic Control	1	LS	\$ 10,000.00	\$ 10,000.00
8.2	Painted Pavement Markings, Solvent/Waterborne	10	STA	\$ 250.00	\$ 2,500.00
8.3	Painted Symbols and Legends	1	EA	\$ 500.00	\$ 500.00
8.4	Remove Existing Pedestrian Signal and Install Rectangular Rapid Flashing Beacon	1	LS	\$ 40,000.00	\$ 40,000.00
SITE WORK AND LANDSCAPING					
9.1	Plaza Landscaping (2)	1	LS	\$ 5,000.00	\$ 5,000.00
9.2	Surface Restoration	1	LS	\$ 5,000.00	\$ 5,000.00
GENERAL PROVISIONS					
11.1	Mobilization	1	LS	\$ 5,000.00	\$ 5,000.00
11.2	Additional Removals (3)	1	LS	\$ 2,000.00	\$ 2,000.00
Subtotal:					\$ 118,075.00
Contingency (~20%):					\$ 23,925.00
CONSTRUCTION TOTAL:					\$ 142,000.00
Engineering, Construction, and Administration (~20%):					\$ 29,000.00
TOTAL PROJECT COST (FY 2020):					\$ 171,000.00
TOTAL PROJECT COST (FY 2023):					\$ 182,000.00

Notes

- (1) Assumes 1' of excavation under all sidewalk area. Additional excavation may be necessary following completion of future topographic survey.
- (2) Price may vary depending on landscaping selected. Estimate should be consider an order of magnitude cost.
- (3) Includes removal of existing fencing, railing, and concrete block retaining wall to the east of existing City Hall parking.

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS



3RD STREET AND VAN DORN STREET INTERSECTION IMPROVEMENTS

INTERSECTION AND CITY HALL PLAZA CONCEPT PLAN

POLK CITY, IOWA

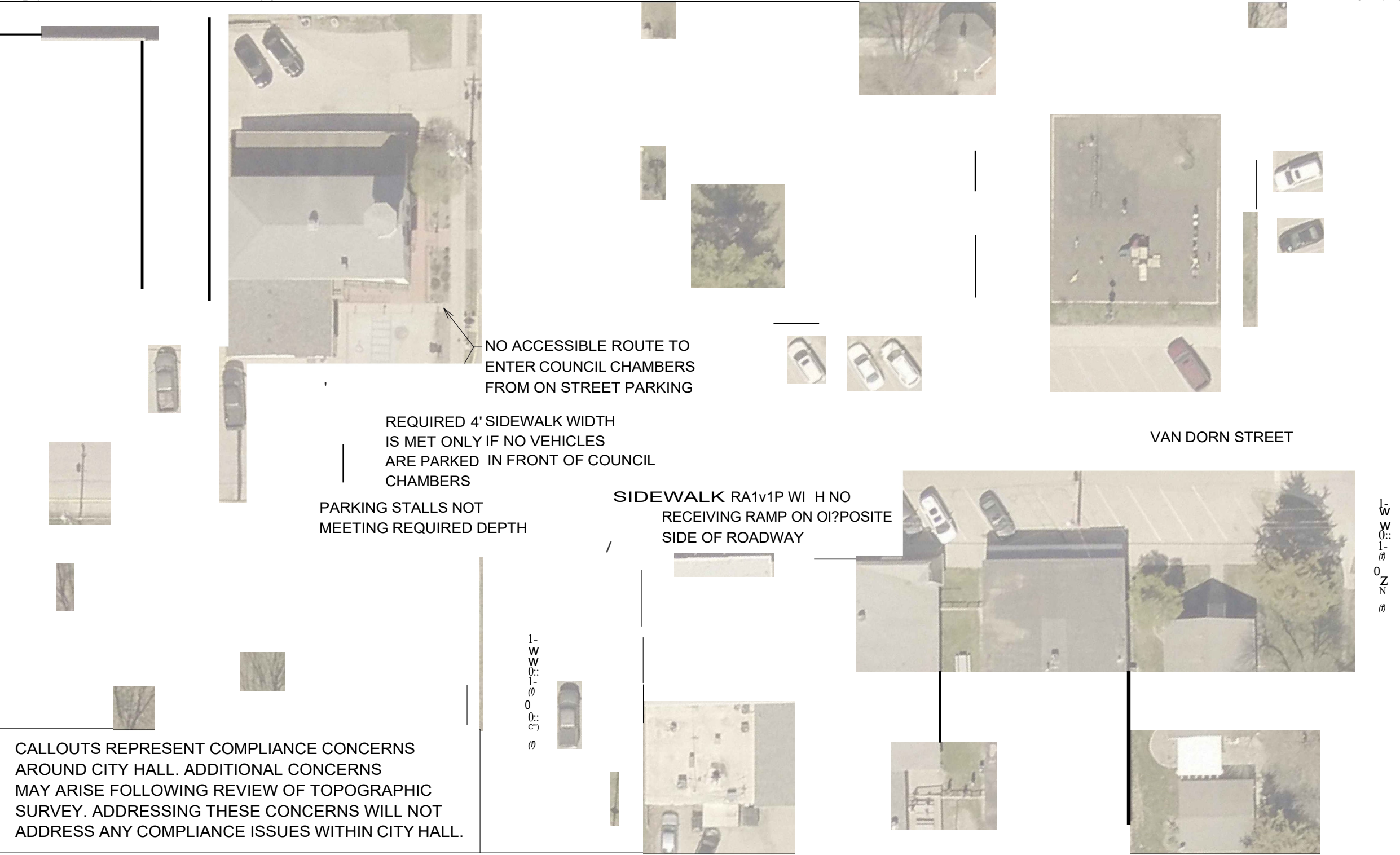
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June 25, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
EARTHWORK					
2.1	Excavation, Class 10 (1)	100	CY	\$ 35.00	\$ 3,500.00
STRUCTURES FOR SANITARY AND STORM					
6.1	Intake, SW-508, Top Only	1	EA	\$ 3,000.00	\$ 3,000.00
STREETS AND RELATED WORK					
7.1	Sidewalk, PCC, 4"	105	SY	\$ 65.00	\$ 6,825.00
7.2	Sidewalk, PCC, 6"	50	SY	\$ 80.00	\$ 4,000.00
7.3	Detectable Warning	60	SF	\$ 50.00	\$ 3,000.00
7.4	Removal of Pavement	375	SY	\$ 20.00	\$ 7,500.00
7.5	Removal of Sidewalk	150	SY	\$ 15.00	\$ 2,250.00
7.6	Curb and Gutter, 2.5' Width, 6" Standard	400	LF	\$ 45.00	\$ 18,000.00
TRAFFIC CONTROL					
8.1	Temporary Traffic Control	1	LS	\$ 10,000.00	\$ 10,000.00
8.2	Painted Pavement Markings, Solvent/Waterborne	10	STA	\$ 250.00	\$ 2,500.00
8.3	Painted Symbols and Legends	1	EA	\$ 500.00	\$ 500.00
8.4	Remove Existing Pedestrian Signal and Install Rectangular Rapid Flashing Beacon	1	LS	\$ 40,000.00	\$ 40,000.00
SITE WORK AND LANDSCAPING					
9.1	Plaza Landscaping (2)	1	LS	\$ 5,000.00	\$ 5,000.00
9.2	Surface Restoration	1	LS	\$ 5,000.00	\$ 5,000.00
GENERAL PROVISIONS					
11.1	Mobilization	1	LS	\$ 5,000.00	\$ 5,000.00
11.2	Additional Removals (3)	1	LS	\$ 2,000.00	\$ 2,000.00
Subtotal:					\$ 118,075.00
Contingency (~20%):					\$ 23,925.00
CONSTRUCTION TOTAL:					\$ 142,000.00
Engineering, Construction, and Administration (~20%):					\$ 29,000.00
TOTAL PROJECT COST (FY 2020):					\$ 171,000.00
TOTAL PROJECT COST (FY 2023):					\$ 182,000.00

Notes

- (1) Assumes 1' of excavation under all sidewalk area. Additional excavation may be necessary following completion of future topographic survey.
- (2) Price may vary depending on landscaping selected. Estimate should be consider an order of magnitude cost.
- (3) Includes removal of existing fencing, railing, and concrete block retaining wall to the east of existing City Hall parking.



OPTION 1



CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Streets

PROJECT: Project #34 East Broadway Street improvements

COUNCIL RANKING: D/15 points

PROPOSED DATE FOR CONSTRUCTION: FY23-24 July 1, 2023-June 30, 2024

SOURCE OF REVENUE: LOST

Description of Project: This project includes a recreational trail only, from the City square to the Deerhaven trail.

Cost Estimate:

Item	Total
Construction Costs	\$210,550
Construction Contingency	\$53,450
Engineering & Project Administration	<u>\$40,000</u>
	\$304,000
 Cost to construct in FY23-24:	 \$323,000

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The justification for this project is to connect the DeerHaven trail to the town square.

Project #34 East Broadway Street improvements

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS



RECREATIONAL TRAIL CONNECTION TO CITY SQUARE
CITY SQUARE TO EXISTING DEER HAVEN TRAIL

Polk City, Iowa

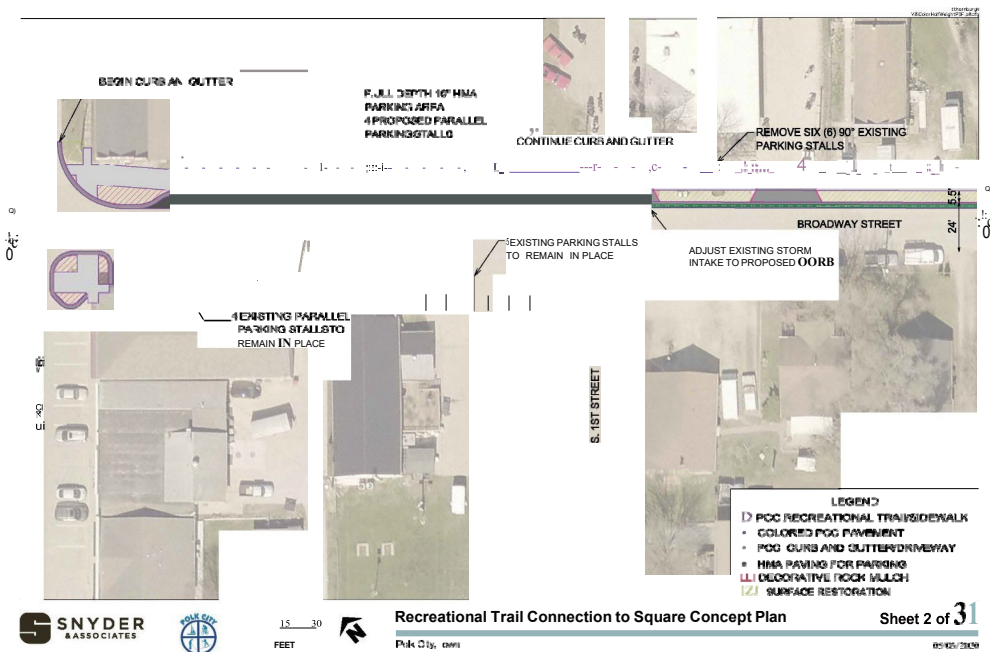
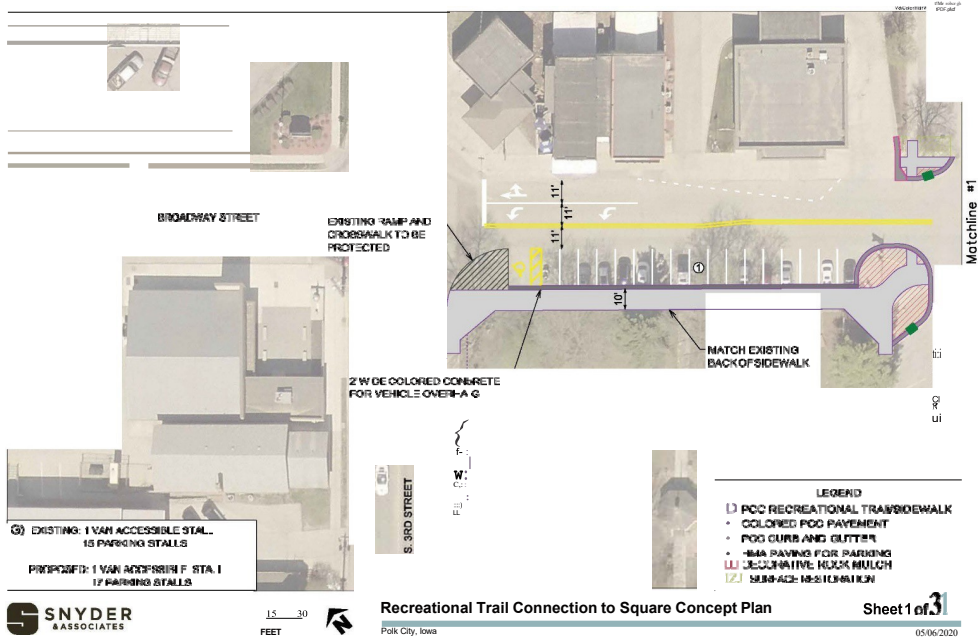
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June 25, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
EARTHWORK					
2.1	Special Shaping for Trail Placement	1	LS	\$ 5,000.00	\$ 5,000.00
SEWERS AND DRAINS					
4.1	Intake Adjustment, Minor	2	EA	\$ 1,250.00	\$ 2,500.00
4.2	Intake Adjustment, Major	1	EA	\$ 2,500.00	\$ 2,500.00
4.3	Intake, SW-501	2	EA	\$ 5,000.00	\$ 10,000.00
4.4	Storm Sewer, 15" RCP	400	LF	\$ 80.00	\$ 32,000.00
STREETS AND RELATED WORK					
7.1	Shared Use Path, PCC, 5"	795	SY	\$ 45.00	\$ 35,775.00
7.2	Shared Use Path, PCC, 6"	220	SY	\$ 75.00	\$ 16,500.00
7.3	Shared Use Path, Colored PCC, 5"	50	SY	\$ 250.00	\$ 12,500.00
7.4	Detectable Warning	120	SF	\$ 50.00	\$ 6,000.00
7.5	Driveway, Paved, PCC, 7"	165	SY	\$ 75.00	\$ 12,375.00
7.6	Pavement, HMA, 8"	75	SY	\$ 90.00	\$ 6,750.00
7.7	Curb and Gutter, 2' Width, 6" Standard	380	LF	\$ 30.00	\$ 11,400.00
7.8	Curb and Gutter, 3' Width, 6" Standard	470	LF	\$ 40.00	\$ 18,800.00
TRAFFIC CONTROL					
8.1	Temporary Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
8.2	Painted Pavement Markings, Solvent/Waterborne	15	STA	\$ 250.00	\$ 3,750.00
8.3	Painted Symbols and Legends	4	EA	\$ 300.00	\$ 1,200.00
SITE WORK AND LANDSCAPING					
9.1	Surface Restoration	1	LS	\$ 6,000.00	\$ 6,000.00
9.2	Rock Mulch (2)	50	TON	\$ 300.00	\$ 15,000.00
SITE WORK AND LANDSCAPING					
11.1	Mobilization	1	LS	\$ 7,500.00	\$ 7,500.00
Subtotal:					\$ 210,550.00
Contingency (~25%):					\$ 53,450.00
CONSTRUCTION TOTAL:					\$ 264,000.00
Engineering, Construction, and Administration (~15%):					\$ 40,000.00
TOTAL PROJECT COST (FY 2020):					\$ 304,000.00
TOTAL PROJECT COST (FY 2023):					\$ 323,000.00

Notes

- Item used to install additional parking area. Includes 4" of base course, 2" of intermediate course, and 2" of surface course, 5% asphalt binder.
- Assumes rock mulch is to be installed at 12" depth and a density of 75 pounds per cubic feet.





SNYDER
ASSOCIATES



0 15 FEET

Recreational Trail Connection to Square Concept Plan

Sheet 3 of 3

Polk City, Iowa

05/06/2020

CITY OF POLK CITY

CAPITAL IMPROVEMENT

PROJECT

DEPARTMENT: Streets

PROJECT: Project #43 2023 Street Repairs Project

COUNCIL RANKING:

PROPOSED DATE FOR CONSTRUCTION: FY23-24, July 1, 2023 – June 30, 2024

SOURCE OF REVENUE: Local Option Sales Tax (LOST)/Road Use Tax (RUT)

Description of Project: This project consists of addressing streets in need of repairs.

Cost Estimate:

<u>Item</u>	<u>Total</u>
<u>Construction Costs</u>	<u>\$170,000</u>
<u>Construction Contingency</u>	<u>\$</u>
<u>Right of Way costs</u>	<u>\$</u>
<u>Engineering & Project Administration</u>	<u>\$30,000</u>
	<u>\$</u>
<u>Cost to construct in FY23-24:</u>	<u>\$200,000</u>

Justification for Project: This project is an ongoing project. The City identified multiple concrete streets in town that needed to be repaired. Each year the City designates a dollar amount to repair as many streets as possible to increase the longevity of the City's streets.

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CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Parks & Rec

PROJECT: Project #19 West Bridge Trail Parker to Neal Smith (Trail)

COUNCIL RANKING: F/14 points

PROPOSED DATE FOR CONSTRUCTION: FY24-25 July 1, 2024-June 30, 2025

SOURCE OF REVENUE: LOST

Description of Project: This project consists of installing a trail connection from KwikStar (once their project takes place) to the Neal Smith Trail/Sports Complex facility. The City will need to seek approval from the USA-CE to install this trail on their property.

Cost Estimate:

Item	Total
Construction Costs	\$65,125
Construction Contingency	\$13,875
Engineering & Project Administration	<u>\$12,000</u>
	\$91,000
Cost to construct in FY24-25:	\$99,000

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The overall intent of this project is to fill in a gap along Bridge Road to the Neal Smith Trail/Sports Complex. Completing this trail gap project will provide a complete trail connection from Bridge Road to the Neal Smith Trail.

Project #19 West Bridge Trail Parker to Neal Smith (Trail)

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS



**TRAIL CONNECTION TO NEAL SMITH TRAIL
FROM KWIK STAR TO NEAL SMITH TRAIL**

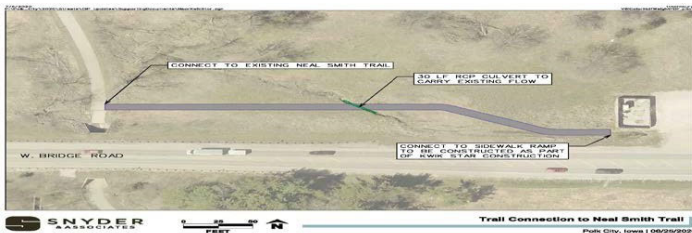
POLK CITY, IOWA

120.0001.01
June 25, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
EARTHWORK					
2.1	Excavation, Class 10 (1)	285	CY	\$ 35.00	\$ 9,975.00
2.2	Special Subgrade Preparation for Shared Use Path (2)	570	SY	\$ 5.00	\$ 2,850.00
2.3	Clearing and Grubbing (3)	0.25	ACRE	\$ 5,000.00	\$ 1,250.00
SEWERS AND DRAINS					
4.1	Pipe Culvert, Trenched, RCP, 15-24" (1)	30	LF	\$ 150.00	\$ 4,500.00
4.2	Pipe Apron, RCP, 15-24" (2)	2	EA	\$ 1,750.00	\$ 3,500.00
STREETS AND RELATED WORK					
7.1	Shared Use Path, PCC, 5" (475)	475	SY	\$ 70.00	\$ 33,250.00
7.2	Concrete Washout (1)	1	LS	\$ 1,000.00	\$ 1,000.00
TRAFFIC CONTROL					
8.1	Sidewalk Closure Traffic Control (1)	1	LS	\$ 1,000.00	\$ 1,000.00
SITE WORK AND LANDSCAPING					
9.1	Conventional Seeding, Seeding, Fertilizing, and Mulching, Type 1 (4)	0.25	ACRE	\$ 7,000.00	\$ 1,750.00
9.2	Filter Sock, 8" (5)	425	LF	\$ 4.00	\$ 1,700.00
9.3	Filter Sock, Removal (5)	425	LF	\$ 2.00	\$ 850.00
GENERAL PROVISIONS					
11.1	Mobilization (1)	1	LS	\$ 3,500.00	\$ 3,500.00
				Subtotal:	\$ 65,125.00
				Contingency (~20%):	\$ 13,875.00
				CONSTRUCTION TOTAL:	\$ 79,000.00
				Engineering, Construction, and Administration (~15%):	\$ 12,000.00
				TOTAL PROJECT COST (FY 2020):	\$ 91,000.00
				TOTAL PROJECT COST (FY 2024):	\$ 99,000.00

Notes

- (1) Assumes 1.5' of excavation over trail width and one (1) additional foot on each side.
- (2) Assumes subgrade preparation under trail and one (1) additional foot on each side.
- (3) Assumes clearing and grubbing width of 20' along trail length.
- (4) Assumes seeding will be required for 5' on each side of shared use path.
- (5) Assumes filter sock to be placed along downhill side of shared use path.



CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Storm Sewer

PROJECT: Project #29 Sump Pump collector lines

COUNCIL RANKING: F/14 points

PROPOSED DATE FOR CONSTRUCTION: FY24-25 July 1, 2024-June 30, 2025

SOURCE OF REVENUE: Special Assessment, General Fund, Stormwater fee

Description of Project: This project consists of installing pipe at the edge of the curb to allow a neighborhood to connect their sump pump line into the storm sewer. The sump pump lines for this project consist of the following streets: Roosevelt Street, Sunset Drive, Lyndale Drive, and Oaklyn Drive.

Cost Estimate:

Item	Total
Construction Costs	\$209,450
Construction Contingency	\$42,550
Preparation of Assessment documents	\$20,000
Bond Council	\$8,000
Engineering & Project Administration	<u>\$31,000</u>
	\$311,000
 Cost to construct in FY24-25:	 \$344,000

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The City has identified certain areas of town that need sump pump collector lines. There is a problem in these areas with water flow across the sidewalk and onto the street. This causes a mossy film in the summer and icing in the winter on the sidewalks and the city streets. It also saturates the subgrade of the roadbed and causes soft spots which causes the road to be less supported.

Project #29 Sump Pump collector lines

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS



SUMP COLLECTOR LINES
ROOSEVELT STREET, SUNSET DRIVE, LYNDAL DRIVE, OAKLYN DRIVE

POLK CITY, IOWA

120.0001.01

June 25, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
SEWERS AND DRAINS					
4.1	Sump Collector, PVC, 6", Trenched (1)	3100	LF	\$ 20.00	\$ 62,000.00
4.2	Sump Collector, PVC, 6", Trenchless (2)	1900	LF	\$ 35.00	\$ 66,500.00
4.3	Sump Collector Cleanout, Type A-1, 6" (3)	20	EA	\$ 600.00	\$ 12,000.00
4.4	Sump Collector Outlets and Connections	14	EA	\$ 500.00	\$ 7,000.00
4.5	Connect Existing Sump Lines (4)	63	EA	\$ 650.00	\$ 40,950.00
TRAFFIC CONTROL					
8.1	Temporary Traffic Control	1	LS	\$ 5,000.00	\$ 5,000.00
SITE WORK AND LANDSCAPING					
9.1	Surface Restoration (5)	1	ACRE	\$ 6,000.00	\$ 6,000.00
GENERAL PROVISIONS					
11.1	Mobilization	1	LS	\$ 10,000.00	\$ 10,000.00
Subtotal:					\$ 209,450.00
Contingency (~20%):					\$ 42,550.00
CONSTRUCTION TOTAL:					\$ 252,000.00
<u>Other Project Costs</u>					
Preparation of Assessment Documents:					\$ 20,000.00
Bond Council:					\$ 8,000.00
Engineering, Construction, and Administration (~12%):					\$ 31,000.00
TOTAL PROJECT COST (FY 2020):					\$ 311,000.00
TOTAL PROJECT COST (FY 2025):					\$ 344,000.00

Notes

- (1) Includes footing drain collector installation on both sides of all four streets.
- (2) Includes 63 trenchless driveway crossings with an average width length of 30'.
- (3) Assumes cleanouts will be placed with an average spacing of 250'.
- (4) Assumes each impacted parcel will require a connection of the existing sump pump line.
- (5) Assumes an approximate trench width of 10' will be disturbed and restored along all trench collector line installation.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Sewer

PROJECT: Project #28 TCI Lift Station upgrade

COUNCIL RANKING: F/14 points

PROPOSED DATE FOR CONSTRUCTION: FY24-25 July 1, 2024-June 30, 2025

SOURCE OF REVENUE: Sewer Fund

Description of Project: Replace the existing pumps with larger pumps.

Cost Estimate:

Item	Total
Construction Costs	\$71,000
Construction Contingency	\$12,100
Engineering & Project Administration	<u>\$11,000</u>
	\$82,000

Cost to construct in FY24-25:	\$96,000
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A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: This project is needed due to increased sewer flows from the Whitetail Ridge and Big Creek Valley developments as they build out to completion. Smaller flow pumps were initially installed because the sewer flows received by this lift station were too low for larger flow pumps to operate properly. The flows have increased to accommodate the higher flow pumps.

ENGINEER'S PRELIMINARY BUDGETARY OPINION OF PROBABLE PROJECT COSTS



TCI LIFT STATION UPGRADE

Polk City, Iowa

120.0001.01

July 2, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
1.0	Install 1 Additional Pump (1)	1	LS	\$ 25,000.00	\$ 25,000.00
2.0	Parallel 6" Force Main (2)	620	LF	\$ 45.00	\$ 27,900.00
3.0	Connection to Existing Force Main	2	EA	\$ 3,000.00	\$ 6,000.00
Subtotal:					\$ 58,900.00
Contingency (~20%):					\$ 12,100.00
CONSTRUCTION TOTAL:					\$ 71,000.00
Engineering, Construction, and Administration (~15%):					\$ 11,000.00
TOTAL PROJECT COST (FY 2020):					\$ 82,000.00
TOTAL PROJECT COST (FY 2024):					\$ 96,000.00

Notes

- (1) Overall lift station capacity required and sizing for new pump should be verified during preliminary design.
- (2) Includes one creek crossing installed by directional drilling. Exact length of proposed force main required is approximate due to uncertainty regarding location of the end of the existing force main it must connect to.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Parks & Rec

PROJECT: Project #10 Twelve Oaks Park-Phase II (Parks)

COUNCIL RANKING: F/13 points

PROPOSED DATE FOR CONSTRUCTION: FY24-25 July 1, 2024-June 30, 2025

SOURCE OF REVENUE: LOST

Description of Project: This project consists of additional improvements in Twelve Oaks Park. This project consists of some site improvements and a sidewalk connection.

Cost Estimate:

Item	Total
Construction Costs	\$166,250
Construction Contingency	<u>\$15,000</u>
	181,250

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The City completed a Master Park Plan for this proposed park. Implementation of that plan is slated to occur to finish building out the park facility.

Project #10 Twelve Oaks Park-Phase II (Parks)



2017 POLK CITY PARK IMPROVEMENTS
12 OAKS PARK - PHASE 2- 2023/24 PROJECTION
 CITY OF POLK CITY, IOWA
 Opinion of Probable Construction Cost
 06/30/20
 117.0001

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
Earthwork					
1.1	Strip/Stockpile/Respread Topsoil	300	CY	\$ 11.00	\$ 3,300.00
1.2	Excavation	1,500	CY	\$ 11.00	\$ 16,500.00
1.3	Earthwork Fill	1,500	CY	\$ 11.00	\$ 16,500.00
1.4	Rip Rap and Filter Fabric, 20"	750	SF	\$ 80.00	\$ 60,000.00
1.5	Dewatering	1	LS	\$ 15,000.00	\$ 15,000.00
				Subtotal:	\$ 111,300.00
PCC Pavement					
2.1	5" PCC Sidewalk	610	SY	\$ 55.00	\$ 33,550.00
				Subtotal:	\$ 33,550.00
Miscellaneous					
3.1	Pond Fountain w Elec Services and Panel	1	LS	\$ 15,000.00	\$ 15,000.00
3.2	Safety Signage	4	EA	\$ 350.00	\$ 1,400.00
3.3	Park Entry Sign	1	EA	\$ 5,000.00	\$ 5,000.00
				Subtotal:	\$ 21,400.00
				CONSTRUCTION TOTAL:	\$ 166,250.00
				Contingency (10%):	\$ 15,000.00
				TOTAL PROJECT COST:	\$ 181,250.00

Notes

- (1) This opinion of probable cost was completed using conceptual site layout. Snyder & Associates, Inc. is not responsible for an discrepancies between this assumed layout and quantities and the actual bids of the final plans and final quantities
- (2) This opinion of probable cost includes only those items related to site development known by Snyder & Associates, Inc. pertaining to thi project; and does not include engineering, legal items, abstracing, appraisal fees, architectural fees, bonds, park site dedication, marketing soils geotechnical and or utility testing, administration, land costs, buildings, off-street parking, walls, and landscaping



CITY OF POLK CITY
CAPITAL IMPROVEMENT
PROJECT

DEPARTMENT: Streets

PROJECT: Project #43 2024 Street Repairs Project

COUNCIL RANKING:

PROPOSED DATE FOR CONSTRUCTION: FY24-25, July 1, 2024 – June 30, 2025

SOURCE OF REVENUE: Local Option Sales Tax (LOST)/Road Use Tax (RUT)

Description of Project: This project consists of addressing streets in need of repairs.

Cost Estimate:

<u>Item</u>	<u>Total</u>
<u>Construction Costs</u>	<u>\$170,000</u>
<u>Construction Contingency</u>	<u>\$</u>
<u>Right of Way costs</u>	<u>\$</u>
<u>Engineering & Project Administration</u>	<u>\$30,000</u>
	<u>\$</u>
 <u>Cost to construct in FY24-25:</u>	 <u>\$200,000</u>

Justification for Project: This project is an ongoing project. The City identified multiple concrete streets in town that needed to be repaired. Each year the City designates a dollar amount to repair as many streets as possible to increase the longevity of the City's streets.

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Parks & Rec

PROJECT: Project #21 North Broadway sidewalks

COUNCIL RANKING: F/12 points

PROPOSED DATE FOR CONSTRUCTION: FY24-25 July 1, 2024-June 30, 2025

SOURCE OF REVENUE: Special Assessment, General Fund

Description of Project: This project consists of installing sidewalks on the north side of Broadway to fill in sidewalk gaps. The range of this project varies as it is unknown at this time whether the City would like to initiate this project, pay for a portion of it, or complete a special assessment project.

Cost Estimate:

Item	Total
Construction Costs	\$312,105
Construction Contingency	\$44,895
Preparation of Assessment documents	\$20,000
Bond Council	\$8,000
Engineering & Project Administration	<u>\$54,000</u>
	\$439,000

Cost to construct in FY24-25: **\$476,000**

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The overall intent of this project is to connect to 2 existing trail systems and have a completed sidewalk system on Broadway Street.

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS



SIDEWALKS ALONG BROADWAY STREET

FALCON DRIVE TO 3RD STREET

POLK CITY, IOWA

120.0001.01

August 6, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
EARTHWORK					
2.1	Excavation, Class 10 (1)	2000	CY	\$ 20.00	\$ 40,000.00
2.2	Clearing and Grubbing	1	LS	\$ 5,000.00	\$ 5,000.00
STREETS AND RELATED WORK					
7.1	Sidewalk, PCC, 4"	1700	SY	\$ 50.00	\$ 85,000.00
7.2	Sidewalk, PCC, 6"	105	SY	\$ 75.00	\$ 7,875.00
7.3	Driveway, Paved, PCC, 6"	230	SY	\$ 60.00	\$ 13,800.00
7.4	Detectable Warning	144	SF	\$ 45.00	\$ 6,480.00
7.5	Removal of Pavement (2)	500	SY	\$ 15.00	\$ 7,500.00
TRAFFIC CONTROL					
8.1	Sidewalk Safety Closures	20	EA	\$ 500.00	\$ 10,000.00
SITE WORK AND LANDSCAPING					
9.1	Combined Concrete Sidewalk and Retaining Wall	60	CY	\$ 1,300.00	\$ 78,000.00
9.2	Conventional Seeding, Seeding, Fertilizing, and Mulching (3)	1.5	ACRE	\$ 5,000.00	\$ 7,500.00
9.3	Filter Sock, 8" (4)	4500	LF	\$ 2.00	\$ 9,000.00
9.4	Filter Sock, Removal (4)	4500	LF	\$ 1.00	\$ 4,500.00
9.5	Chain Link Fence, Vinyl Coated, 48" (5)	415	LF	\$ 30.00	\$ 12,450.00
GENERAL PROVISIONS					
11.1	Mobilization	1	LS	\$ 25,000.00	\$ 25,000.00
Subtotal:					\$ 312,105.00
Contingency (~15%):					\$ 44,895.00
CONSTRUCTION TOTAL:					\$ 357,000.00
<u>Other Project Costs</u>					
Preparation of Assessment Documents:					\$ 20,000.00
Bond Council:					\$ 8,000.00
Engineering, Construction, and Administration (~15%):					\$ 54,000.00
TOTAL PROJECT COST (FY 2020):					\$ 439,000.00
TOTAL PROJECT COST (FY 2024):					\$ 476,000.00
POTENTIAL SPECIAL ASSESSMENT TO PROPERTY OWNERS:					\$ 238,000.00

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS



**SIDEWALKS ALONG BROADWAY STREET
FALCON DRIVE TO 3RD STREET**
POLK CITY, IOWA
120.0001.01
August 6, 2020

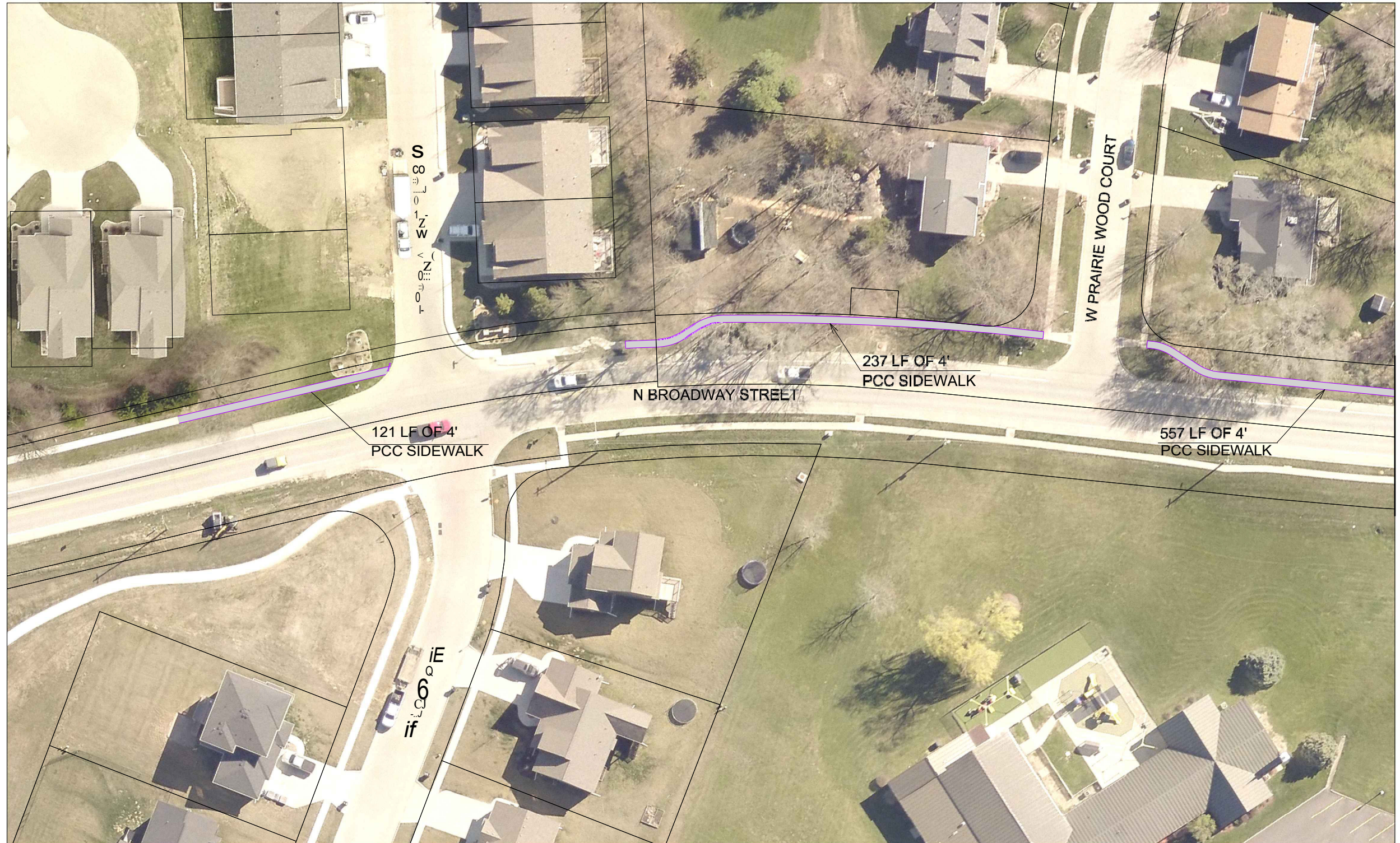
Notes

- (1) Assumes 2' of excavation over sidewalk width and one (1) additional foot on each side.
- (2) Quantity includes removal of existing sidewalk and driveway pavement as required to construct improvements.
- (3) Assumes seeding between the back of curb and Right of Way.
- (4) Assumes filter sock to be placed along downhill side of sidewalk.
- (5) Fence to be installed along the top of retaining walls as fall protection.

All modifications to irrigation systems present in Public Right of Way will be the responsible of the property owners.

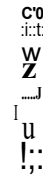
Estimate does not include costs associated with acquisition of easements for sidewalk construction.

Estimate includes installation of sidewalk along United Methodist Church frontage. If these improvements are completed as part of Site Plan Amendment, reduce this estimate by \$13,000.

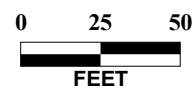








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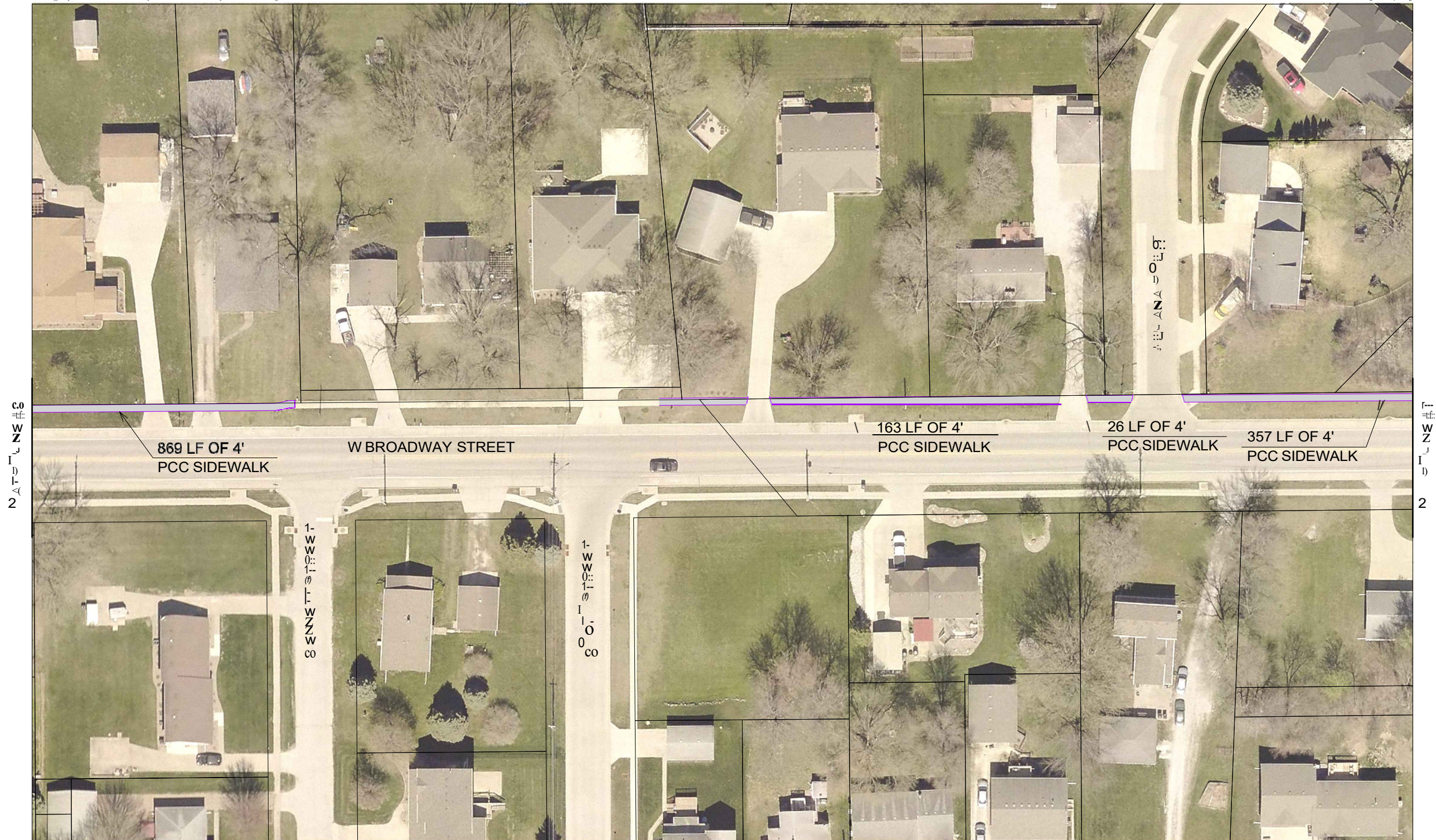


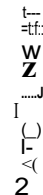
Polk City, Iowa

08/04/2020









CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Buildings

PROJECT: Project #2 City Hall/Police/Fire Station Remodel/rebuild

COUNCIL RANKING: F/12

PROPOSED DATE FOR CONSTRUCTION: ~~FY24-25 July 1, 2024 June 30, 2025~~FY22-23 July 1, 2022 – June 30, 2023

SOURCE OF REVENUE: General Obligation Loan/~~LOST~~/General Fund Reserves

Description of Project: This project consists of the remodeling/rebuilding the 3 departments. ~~The decision to remodel vs. rebuild will be up to the City Council and will be determined at a later date. A new City Hall/Community Center will built property owned by the City at S 3rd and W Van Dorn. The Fire Department will remodel the current Fire Station and Community Room for expansion. The Police Station location has not yet been determined, however the City is actively looking for property to purchase for the new Police Station, construction start TBD. The Fire Department will expand into the existing Police Station once the new Police Station is completed.~~

Cost Estimate:

Item	Total
Construction Costs	\$1,600,000
Architecture/Design (15%)	\$240,000
Construction Contingency (10%)	\$160,000
	\$2,000,000

City Hall Construction \$4,500,000

Fire Department Remodel \$700,000

Police Department Land Purchase \$650,000

Justification for Project: The justification for this project is due to facility spacing needs. The departments located at and near City Hall need more space, and the City will need to address the facility needs. A facility needs assessment ~~is slated to occur in~~has been completed FY20-21, and that assessment ~~will assist with a future decision~~determined the future needs of the Community. Once that assessment is complete, the City will implement a project estimate into this CIP. For this CIP, the City has included \$2,000,000 worth of improvements to the facilities.

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CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Parks & Rec

PROJECT: Project #20 Woodhaven Linear Park trail connection

COUNCIL RANKING: F/11 points

PROPOSED DATE FOR CONSTRUCTION: FY24-25 July 1, 2024-June 30, 2025

SOURCE OF REVENUE: LOST

Description of Project: This project consists of installing a trail connector from Parker Boulevard to Woodhaven Drive. The connection would consist of 225 LF of trail.

Cost Estimate:

Item	Total
Construction Costs	\$39,500
Construction Contingency	\$6,500
Engineering & Project Administration	<u>\$10,000</u>
	\$56,000
Cost to construct in FY24-25:	\$64,000

A detailed cost estimate from Snyder & Associates is attached.

Justification for Project: The overall intent of this project is to connect to 2 existing trail systems and have a completed system in the Woodhaven development.

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS



WOODHAVEN TRAIL CONNECTION
WOODHAVEN DRIVE TO NEAL SMITH TRAIL
POLK CITY, IOWA
120.0001.01
August 4, 2020

ITEM #	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
	EARTHWORK				
2.1	Excavation, Class 10 (1)	300	CY	\$ 40.00	\$ 12,000.00
2.2	Special Subgrade Preparation for Shared Use Path (2)	300	CY	\$ 5.00	\$ 1,500.00
	STREETS AND RELATED WORK				
7.1	Shared Use Path, PCC, 5'	275	SY	\$ 70.00	\$ 19,250.00
	TRAFFIC CONTROL				
8.1	Sidewalk Closure Traffic Control	1	LS	\$ 1,000.00	\$ 1,000.00
	SITE WORK AND LANDSCAPING				
9.1	Conventional Seeding, Seeding, Fertilizing, and Mulching, Type 1	0.2	ACRE	\$ 7,000.00	\$ 1,400.00
9.2	Filter Sock, 8"	225	LF	\$ 4.00	\$ 900.00
9.3	Filter Sock, Removal	225	LF	\$ 2.00	\$ 450.00
	GENERAL PROVISIONS				
11.1	Mobilization	1	LS	\$ 3,000.00	\$ 3,000.00
Subtotal:					\$ 39,500.00
Contingency (~15%):					\$ 6,500.00
CONSTRUCTION TOTAL:					\$ 46,000.00
Other Project Costs					
Engineering, Construction, and Administration (~20%):					\$ 10,000.00
TOTAL PROJECT COST (FY 2020):					\$ 56,000.00
TOTAL PROJECT COST (FY 2025):					\$ 64,000.00

Notes

- (1) Assumes 3' of excavation over trail width and on (1) additional foot on each side.
- (2) Assumes subgrade preparation under trail and one (1) additional foot on each side.
- (3) Assumes seeding will be required for 10' on each side of shared use path.
- (4) Assumes filter sock to be placed along downhill side of shared use path.
- (5) **Alignment may be modified following completion of a topographic survey and determination of sidewalk ramp locations.**

