



City of Polk City, Iowa

City Council Agenda Communication

Date: August 28, 2023 City Council Meeting
To: Mayor Steve Karsjen & City Council
From: Chelsea Huisman, City Manager
Subject: Amendment to the City 5-year Capital Improvement Plan (CIP)

BACKGROUND: The City Council approved a 5-year CIP (FY21-FY25) on September 14, 2020, and amended the CIP on April 25, 2022. Most of the projects outlined in the first 3 years have been completed, however, some adjustments need to be made to the plan, as priorities have changed. I recommend the City Council amend the CIP for a 2nd time. The City Council will hold a public hearing on September 25, 2023, for an amendment to the CIP. Below is a summary of capital projects prioritized by the City Council.

CIP Projects:

FY2022-2023: The following projects were prioritized:

1. N. 3rd Street Trail connection to outer city limits-Project in construction
2. City Hall Parking Lot-Project in construction (combined with City Hall)
3. Northeast Trunk Sewer Study-Project Complete
4. City Hall/Police/Fire Station Rebuilding/Remodel-Project in construction
5. 2022 Street Repair Project-Project Complete

FY2023-2024: The following projects were prioritized:

1. N 3rd Street Trail and Intersection align at Northside Dr-Project in construction
2. High Trestle Trail connector-Project in construction
3. White Tail Parkway Corridor Study-Project in construction
4. Parker Lift Station Upgrade-Not complete
5. West Bridge Road Trail Gap @ Van Dorn Property (Trail)-Project in construction
6. Van Dorn/3rd Street Improvements-Not complete
7. East Broadway Street Improvements-Not complete
8. Regional Park Facility-Not complete
9. Eastside Water Tower Project with DMWW-Project in construction
10. Water Tower Painting-Not complete
11. 2023 Street Repair project-Project in construction

FY2024-2025: The following projects are prioritized:

1. West Bridge Trail
2. Sump Pump Collector Lines

3. TCI Lift Station Upgrade
4. Twelve Oaks Park-Phase II (Parks)
5. North Broadway Sidewalks
6. Woodhaven Trail Connection (Trail)
7. 2024 Street Repair Project

Proposed adjustments to projects 5-year CIP:

FY2023-2024:

Parker Lift Station upgrade (Project #27): During Budget FY24 preparation, we evaluated the need to budget for lift station improvements and consulted with the City Engineer. The Parker Lift Station is currently operating at half its capacity. The biggest planned development project is Leonard Senior Living Center, and with that project there would be enough capacity at the lift station. The City Engineer believes the upgrades could be delayed, with the possibility that the pumps do not need to be upgraded, however, we should continue to monitor the need each year. Based on the City Engineer's recommendation, we would remove this project from the current CIP.

Van Dorn/3rd Street Improvements (Project #32): This project is not in the FY24 budget due to the City Hall/Community Center project. The scope of this project will change with the new facility, but I would recommend this be moved to FY25.

East Broadway Street Improvements (Project #34): This project is not in the FY24 budget. During the budget discussion, the Council asked to move the West Bridge Trail Parker to Neal Smith project (Phase 7 of the trail project) to FY24 and move the Broadway Street Improvements to FY25.

Regional Park Facility (Project #9): This project is not in the FY24 budget as we continue to work with the developer on potential cost sharing, and as the new water tower construction begins. This project needs to be moved to FY25.

Water Tower Painting (Project #41): The City is planning for construction of a 1.5-million-gallon water tower on the north side of the community. In discussions about the size of the future water tower, it was determined by the City Council to build a larger water tower, and eventually remove the existing 300,000-gallon water tower. The removal of the water tower will not be feasible until the new one is online. With the removal of the 300,000-gallon water tower, the city will not need to paint it. I would recommend we remove this project from the CIP.

FY2024-2025:

West Bridge Trail Parker to Neal Smith (Project #19): This project is in the current year budget. This project needs to be moved to FY24.

ALTERNATIVES: Do not amend the CIP.

FINANCIAL CONSIDERATIONS: There are some financial considerations for amending the CIP, however, we are only removing projects or moving a project into a different fiscal year, so the changes are not necessarily an increase in expenditures.

RECOMMENDATION: I recommend that the City Council formally amend the Capital Improvements Plan and hold a public hearing on September 25, 2023. The amendment information will be available to the public prior to the public hearing. An amendment to the CIP should match the City's budget, and it also allows the public an opportunity to comment on the amendment.

CITY OF POLK CITY, IOWA

CAPITAL IMPROVEMENTS PLAN
(CIP)
2020-2025



Mayor

Jason Morse 2014-2021

Steve Karsjen 2022-2026

City Council

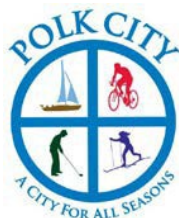
Ron Anderson Dave Dvorak

Rob Sarchet Mandy Vogel

Jeff Walters

City Manager

Chelsea Huisman



*hyperlinks included on each project line for easy navigation

FY 2020-2021

Trail Study – Town Center (Trail) ***complete***

Facility Needs Assessment ***complete***

2020 Street Repair Project ***complete***

HMA Overlay Project – 2020 ***complete***

Property Purchase ***complete***

FY 2021-2022

Town Square Parking Lot Study ***complete***

Inflow/Infiltration Study ***complete***

W. Bridge Road Water Main Loop ***complete***

North Trunk Sewer Study ***complete***

Lost Lakes Park – Phase II (Parks) ***complete***

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

FY 2022-2023

N. 3rd Street Trail Connection to Outer City Limits ***in construction***

City Hall Parking Lot ***in construction (combined with City Hall)***

Northeast Trunk Sewer Study ***complete***

City Hall / Police / Fire Station - Remodel / Rebuild ***in construction***

2022 Street Repair Project ***complete***

FY 2023-2024

N. 3rd Street Trail and Intersection Align at Northside Dr Project *in construction*

High Trestle Trail Connector *in construction*

White Tail Parkway Corridor Study *in construction*

Parker Lift Station Upgrade *not complete* **remove from current CIP**

West Bridge Road Trail Gap @Van Dorn Property (Trail) Project *in construction*

Van Dorn/3rd Street Improvements *not complete* **move to FY25**

East Broadway Street Improvements *not complete* **move to FY25**

Regional Park Facility *not complete* **move to FY25**

Eastside Water Tower Project with DMWW *in construction*

Water Tower Painting *not complete* **remove from current CIP**

2023 Street Repair Project *in construction*

FY 2024-2025 The following projects are prioritized:

West Bridge Trail - Parker to Neal Smith (Trail) **move to FY24**

Sump Pump Collector Lines

TCI Lift Station Upgrade

Twelve Oaks Park – Phase II (Parks)

North Broadway Sidewalks

Woodhaven Trail Connection (Trail)

2024 Street Repair Project

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: 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: 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: 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.

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

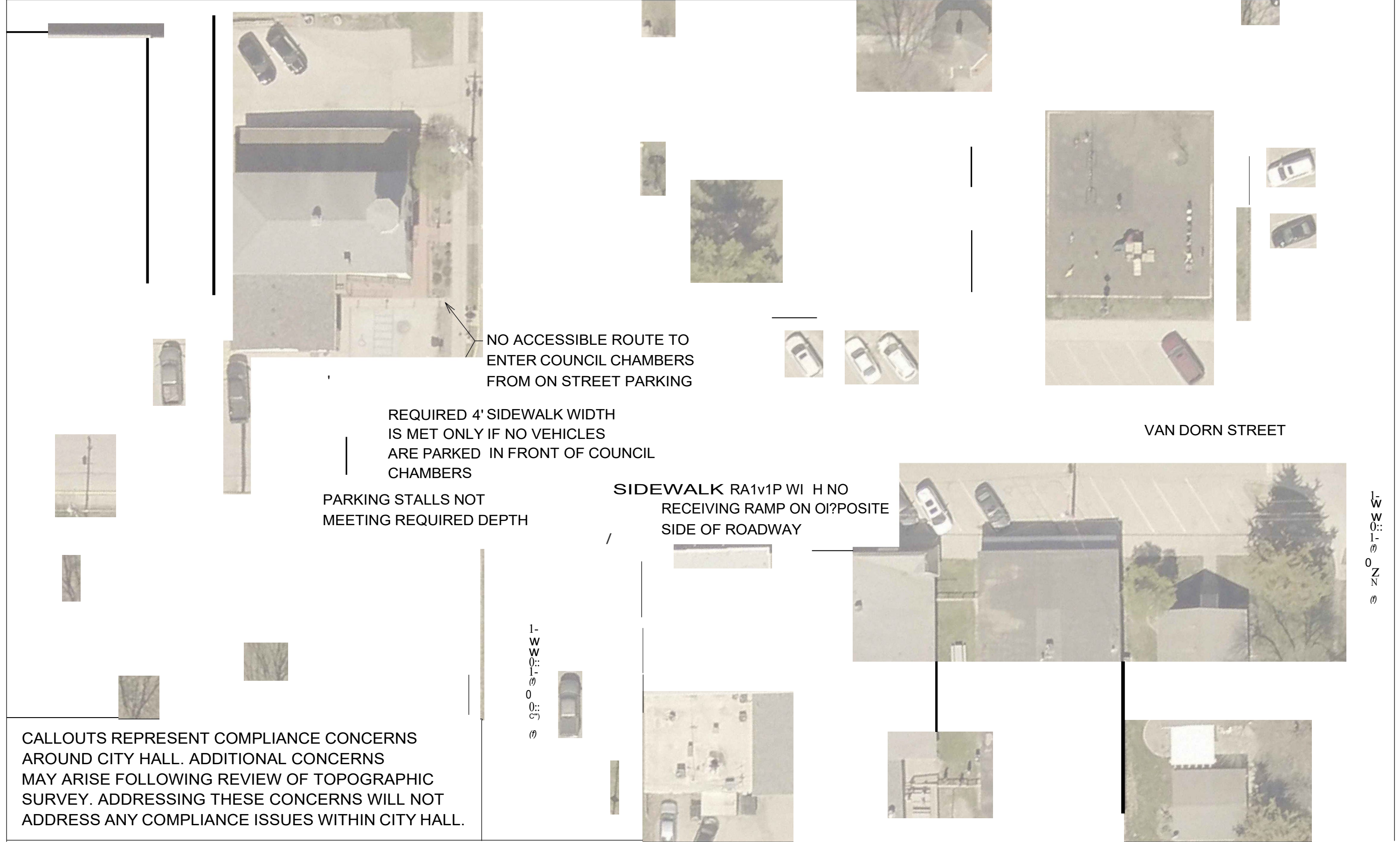
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June 25, 2020

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

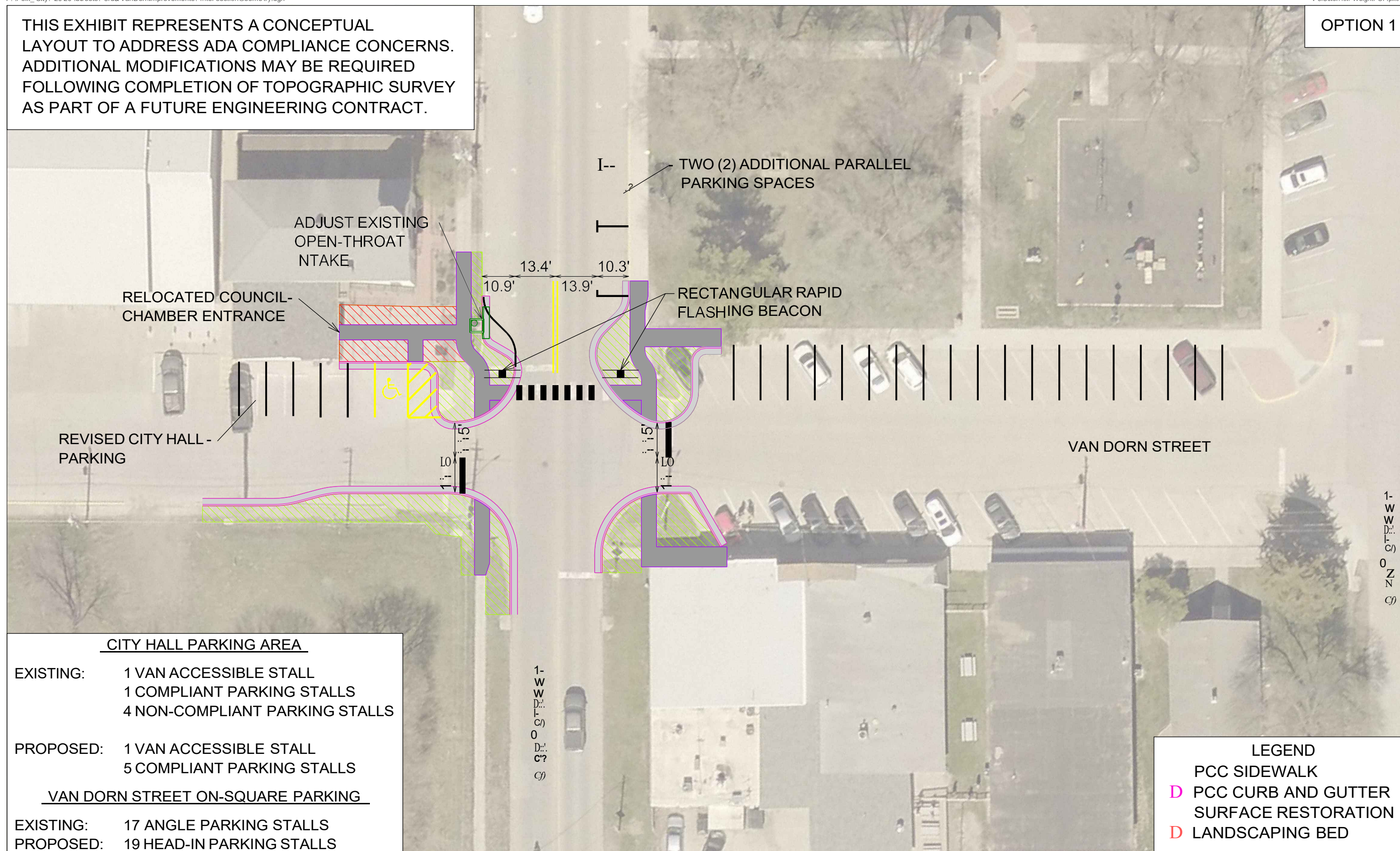
Notes

- (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.



THIS EXHIBIT REPRESENTS A CONCEPTUAL LAYOUT TO ADDRESS ADA COMPLIANCE CONCERNS. ADDITIONAL MODIFICATIONS MAY BE REQUIRED FOLLOWING COMPLETION OF TOPOGRAPHIC SURVEY AS PART OF A FUTURE ENGINEERING CONTRACT.

OPTION 1



CITY HALL PARKING AREA

EXISTING:	1 VAN ACCESSIBLE STALL
	1 COMPLIANT PARKING STALLS
	4 NON-COMPLIANT PARKING STALLS
PROPOSED:	1 VAN ACCESSIBLE STALL
	5 COMPLIANT PARKING STALLS

VAN DORN STREET ON-SQUARE PARKING

EXISTING:	17 ANGLE PARKING STALLS
PROPOSED:	19 HEAD-IN PARKING STALLS

LEGEND

PCC SIDEWALK

PCC CURB AND GUTTER

SURFACE RESTORATION

LANDSCAPING BED

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.

ENGINEER'S CONCEPTUAL OPINION OF PROBABLE PROJECT COSTS
**RECREATIONAL TRAIL CONNECTION TO CITY SQUARE
CITY SQUARE TO EXISTING DEER HAVEN TRAIL**

Polk City, Iowa

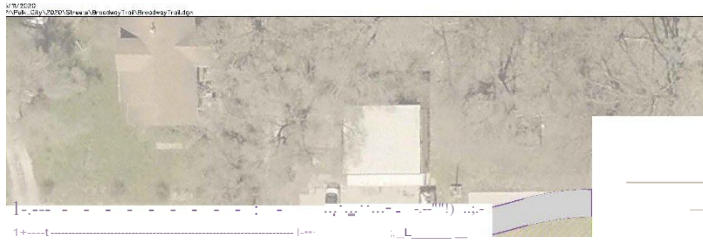
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June 25, 2020

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.



20'±



SUMMER STREET



WALKER STREET

- LEGEND
- PCC RECREATIONAL TRAIL/SIDEWALK
 - COLORED PCC PAVEMENT
 - PCC CURB AND GUTTER/DRIVEWAY
 - HMA PAVING FOR PARKING
 - DECORATIVE ROCK MULCH
 - SURFACE RESTORATION



0 15 30
FEET

Recreational Trail Connection to Square Concept Plan

Polk City, Iowa

Sheet 3 of 3

05/06/2020

CITY OF POLK CITY
CAPITAL IMPROVEMENT PROJECT

DEPARTMENT: Water

PROJECT: Project #41 Water Tower painting

COUNCIL RANKING: C/17 points

PROPOSED DATE FOR CONSTRUCTION: 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.

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: 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.

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" (1)	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.

