

CITY OF LANSING

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WORK SESSION AGENDA

February 27, 2020
Thursday
7:00 p.m.
Lansing City Hall



Call To Order:

- I. 2020 Wastewater Capital Projects
- II. 5 Year CIP/ 2020 Mill & Overlay

Adjournment



WORKSESSION ITEM

TO: Tim Vandall, City Administrator 
FROM: Anthony J. Zell, Jr., Wastewater Utility Director 
DATE: February 21, 2020
SUBJECT: 2020 Wastewater Capital Projects

Director Zell will brief the city council on the capital projects for 2020. Attached is a copy of the presentation.

WORKSESSION ITEM #





Wastewater Utility Capital Improvements – 2020

PRESENTED BY: ANTHONY J. ZELL, JR.

WASTEWATER UTILITY DIRECTOR

FEBRUARY 27, 2020



Master Plan Project #2, Phase I

▶ Background

- ▶ Located in NE area of Ward I – approx. 105 acres
- ▶ Serves all properties N of Connie, E of N 4th (Including Mobile Home Park)
- ▶ Flow Monitoring Confirms Acute Increases in Flow During Rain Events – 1 yr. Events
- ▶ Area is Experiencing Some Regrowth & Infill
- ▶ Prepare Area for Future Development

WWMP Project #2, cont.

▶ Project Specifics

- ▶ Total Project is 3,300 feet of 8" VCP Replacement
- ▶ Phase I Project is <1,000 ft. of 15" PVC
 - ▶ Connie Street South to Existing Interceptor
- ▶ Four New 5 ft. Manholes
- ▶ Will Require Easement Descriptions, Survey, & Property Acquisition From 3 Property Owners
- ▶ Remove and Replace Existing Sewer on Existing Alignment

Project Aerial




WWMP Project #2, cont.

Preliminary Cost Estimate

Item	Qty	Unit	Unit Price	Total Price
Engineering/Survey	1	Lump Sum	\$ 5,000	\$ 5,000
Appraisals	3	Lump Sum	\$ 900	\$ 2,700
Acquisition	3	Lump Sum	\$ 5,000	\$ 15,000
Clearing/Grubbing	1	Lump Sum	\$ 5,000	\$ 5,000
Core Existing Manhole	1	Ea.	\$ 1,200	\$ 1,200
5' Dia Manhole	4	Ea.	\$ 5,000	\$ 20,000
15" PVC San Pipe	975	L.F.	\$ 90	\$ 87,750
Pumping	1	Lump Sum	\$ 3,500	\$ 3,500
			Subtotal	\$ 140,150
			Contingency (25%)	\$ 35,038
			Total Project Cost	\$ 175,188



WORKSESSION ITEM

TO: Tim Vandall, City Administrator 

FROM: Mike Spickelmier, Director of Public Works

DATE: February 21, 2020

SUBJECT: 5 Year CIP / 2020 Mil & Overlay

The following projects have been identified in previous Capital Improvement Plans (CIP) as well as in response to KDOT funding, and council feedback. This list is a start point for discussion, and as a DRAFT document for the annual revision to the 5-Year CIP. The revised plan will be presented for review based on work session input.

Major Street & Intersection Projects

DeSoto & Eisenhower		2020	
K-7 & Eisenhower	\$ 600,000.00	2021	
DeSoto & 4H Roundabout	\$ 2,200,000.00	TBD	
K-7 & Gilman Traffic Signal	\$ 75,000.00	TBD	Apply for KDOT Funding

Pavement Preservation

2020 Mil & Overlay	\$ 555,000.00		
2021 Proposed Mil & Overlay	TBD		
2022 Proposed Mil & Overlay	TBD		
2023 Proposed Mil & Overlay	TBD		
2024 Proposed Mil & Overlay	TBD		

Major Stormwater / Bridge maintenance

Southfork Pipe	\$ 300,000.00		
LB-3 (W. McIntyre)	\$ 32,000.00	2020	Bridge Approach
LB-5 (E. Gilman)	\$ 32,000.00	2021	Deck Repair
LB-1 (DeSoto Rd)	\$ 1,000,000.00	TBD	MARC / STP Funding?
LB-2 (147th Street)	\$ 30,000.00	2022	Wing wall maint

Proposed Sidewalk Projects

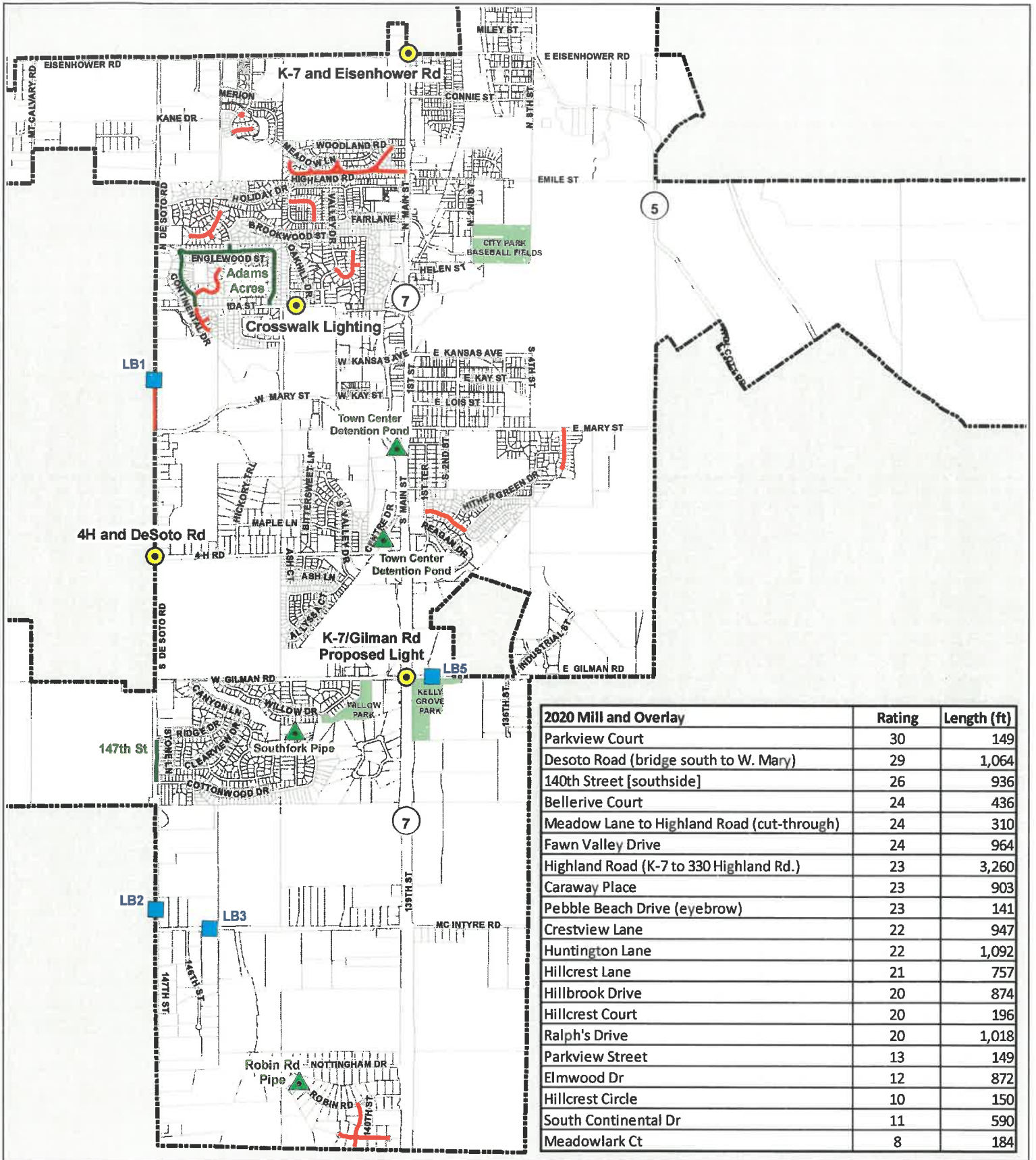
147th Sidewalks	\$ 210,000.00	TBD	No UDS469 Participation
Adams Acres Sidewalks			
Phase 1 (Brookridge to Englewood)	\$ 486,000.00	TBD	Resident Survey
Phase 2 (Continental to Hillcrest)	\$ 505,000.00	TBD	

Identified Potential Future Projects

DeSoto Rd. (Ida to 4H)	\$ 8,000,000.00	TBD	
Gilman Rd (Willow to 147th)	\$ 5,000,000.00	TBD	

WORKSESSION ITEM #

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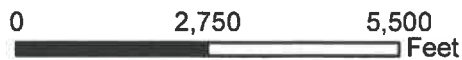


- Legend**
- Bridge Maintenance
 - ▲ CIP Stormwater Locations
 - CIP Street Locations
 - Proposed Sidewalk
 - 2020 Mill and Overlay
 - Parks
 - Parcels
 - Lansing City Boundary

2020 - 2025 Capital Improvement Project Locations Lansing, Kansas



1 inch = 2,750 feet



Date: 2/20/2020
Author: khanne