

ENVIRONMENTAL SUSTAINABILITY COMMITTEE MEETING

Monday, October 26, 2020 – 10:30 A.M.

REMOTE ACCESS MEETING

AGENDA

Please be advised that all of the Environmental Sustainability Committee members will be remotely attending this Committee meeting by electronic means, in compliance with Governor's Executive Order 2020-39, issued on May 29, 2020, that extended the suspension of certain Open Meetings Act provisions relating to in-person attendance by members of a public body. Specifically, the Governor's Order: (1) suspends the requirement in Section 2.01 that "members of a public body must be physically present;" and (2) suspends the limitations in Section 7 on when remote participation is allowed. This Executive Order is effective the duration of the current Gubernatorial Disaster Proclamation.

The City will be providing members of the public with various opportunities to watch or attend this meeting, as well as provide public comment at the meeting. For example, members of the public can participate remotely in the meeting by following the public audience link which will provide both video and audio means to attend the meeting.

Public audience link: <https://us02web.zoom.us/j/82291559532>

Or dial by phone at: 312-626-6799

Webinar ID: 822 9155 9532

Passcode: 1861

I. CALL TO ORDER AND ROLL CALL

_____ Ald. Melanie Rummel, Chairman

_____ Ald. Jed Morris

_____ Ald. Jim Preschlack

II. INFORMATIONAL ITEMS

- a. UPDATE ON RECYCLING COSTS AND MARKETING CAMPAIGN** – Presented by Dan Martin & Marcus Norman, Norman Design
- b. INTRODUCTION ON SUSTAINABILITY INITIATIVES & PRIORITIES** – Presented by Mike Strong

III. ACTION ITEMS

- a. APPROVAL OF SEPTEMBER 17, 2020 MEETING MINUTES**
- b. REVIEW AND RECOMMEND APPROVAL TO CITY COUNCIL SUSTAINABILITY ENHANCEMENTS TO CIP PROJECTS FOR FY2022** – Presented by Mike Strong, Michael Thomas, Chuck Myers

IV. ADDITIONAL ITEMS

- a. DEERPATH STREETSCAPE PROJECT UPDATE** – Presented by Jim Lockefer

V. PUBLIC COMMENT

VI. NEXT MEETING DATE(S)

VII. ADJOURNMENT

INFORMATIONAL ITEM:
INTRODUCTION ON
SUSTAINABILITY INITIATIVES &
PRIORITIES



MEMORANDUM

THE CITY OF LAKE FOREST

OFFICE OF THE CITY MANAGER

TO: Members of the Environmental Sustainability Committee
FROM: Mike Strong, Assistant City Manager
DATE: October 21, 2020
SUBJECT: Report on Potential Sustainability Initiatives and Priorities

Purpose and Action Requested

The purposes of this memorandum are to provide a brief summary of the Sustainability Framework Project recently completed by MIST Environment ("MIST") and to present an introduction of a preliminary list of sustainability projects policy initiatives for the Committee to consider and prioritize.

City staff will introduce this item during the Committee meeting on Monday, October 26, but is not seeking specific action from the Committee at this time.

Background

Over the past four months the Environmental Sustainability Committee ("ESC") engaged in a collaboration with MIST Environment ("MIST") to support the newly created Committee in advancing the integration of environmental sustainability into City decisions and processes. MIST led this work, collaborating with multiple staff, community groups and related stakeholders. Overarching project goals of the engagement with MIST were to:

- Provide an assessment of Lake Forest's current sustainability performance
- Propose a structure to better integrate sustainability decisions into staff and ESC workflows
- Develop a strategic framework and assessment methodology to assist the ESC in prioritizing future projects and policy initiatives

The project was broken down into three main phases including an assessment, strategic framework, and assessment methodology to prioritize sustainability projects. After the completion of each phase, MIST presented their findings to the ESC. Due to the limited scope and engagement, the project excluded detailed cost estimates and detailed quantitative analysis of modeling of energy, water, waste or transportation systems. The main focus of the project was to provide support and direction in critical areas, and not intended to be an exhaustive examination.

Review of the Sustainability Assessment

MIST reviewed the City's public sustainability information through the City's website and legislative documents, along with other materials and long-range planning documents. To ensure a holistic review relative to sustainability practices and attributes, the following criteria and sustainability categories were used:

- **Strategy & Governance** – Budget and funding processes, sustainability plans and policies, transparency and reporting
- **Natural & Built Environment** – Climate goals, energy efficiency, waste management
- **Education & Engagement** – Availability of public information, educational materials, local partnerships

After reviewing available documentation, MIST completed a report card for the City of Lake Forest summarized below. Each category was given a red, yellow, or green grade based on MIST's quantitative and qualitative assessment. Green indicates the City is progressing well, yellow is satisfactory with room for improvement, and red indicates a deficiency.

Topic	Initiative	Score
Strategy & Governance	Budget & Funding	Yellow
	Inclusive & Equitable Approach	Red
	Municipal Governance Structure	Green
	Sustainable Business Development	Red
Natural & Built Environment	Climate and Resilience	Yellow
	Energy Efficiency & Renewable Energy	Green
	Waste Infrastructure and Management	Yellow
	Stormwater Management & Water Usage	Green
	Transportation and Mobility	Yellow
	Ecosystem Vitality & Ravine Conservation	Green
	Health & Wellness	Green
Education & Engagement	Communications & Public Engagement	Yellow
	Credibility & Recognition	Green
	Local & Community Partnerships	Green
	Transparency & Reporting	Yellow

Notable Lake Forest findings:

- Lake Forest is on-par compared to peers.
- Lake Forest should find opportunities to focus more resources on the Strategy & Governance initiatives to better implement sustainability in the long-term. Improving these areas will enable better policy and leadership decision making, offering the opportunity to make changes at the city-scale.
- Many Lake Forest residents are supportive of environmental initiatives but are unclear about the actionable steps they should be taking. Communication and education are key if residents are to feel empowered to take action.
- Lake Forest stakeholders want both a greater focus to achieve deeper impact on environmental initiatives and also a broader set of initiatives to be covered. However, limited resources do not allow both. This dichotomy is typical for many cities and Lake Forest leadership will have to choose priorities that can be dealt with based on available resources.

Development of Strategic Framework and Assessment

Sustainability is just one of many priorities competing for City resources. In order to understand how City of Lake Forest staff and leadership make decisions around sustainability, MIST gathered feedback from relevant stakeholders involved in the Capital planning process to

understand how potential capital and operations projects are evaluated, how policies and ordinances are enacted and how sustainability instructions or initiatives are communicated. A survey tool was utilized to capture the importance of various criteria when making capital planning and operations decisions. When evaluating these projects criteria related to a project's environmental impact, initial costs, ongoing costs, and impact on local culture received higher values than criteria related to the marketability of projects and visitor experience.

Using this data, a strategic framework was developed to formalize a procedure by which the ESC can evaluate future policies, initiatives and projects. This process includes the following steps:

1. Sustainability Project Idea Log

- Sustainability project ideas come from many sources. The first step is sourcing and identifying projects and policy initiatives from existing long-range planning documents, City staff, ESC Members, and residents

2. Triage potential Projects

- Analyze the potential project to see if it aligns with an area identified in a long-range planning document (e.g. Comprehensive Plan, Strategic Plan, Sustainability Plan), if it positively impacts the environment, and if there is broad community support for the initiative.
- If the ESC determines that the project does not align with their priorities, they may reject it and/or provide feedback to the proposing party.

3. Further vetting of the Project (Those that pass the triage process)

- Using the criteria established in the Strategic Framework, eight weighted questions have been defined that can be consistently used to evaluate any project or policy idea. These questions are shown in order of priority below:
 - Does the project measurably reduce Lake Forest's environmental footprint?
 - Does the project create annual operations savings or reduce ongoing city staff time required? Does the project impact annual operational costs?
 - What Lake Forest Capital Funds are required?
 - Does the project improve Resident or Local Business Experience?
 - Does the project address an existing or near-future deferred maintenance need?
 - Is the potential policy, regulation, or behavior change reasonably enforceable?
 - Is outside/grant funding secured to finance or does the project support an existing revenue stream?
 - Does the project offer opportunities to promote LF's achievements, leading to stronger standing as compared to peer communities?
- Depending on the answers to these questions, scores are assessed to the project which aim to identify the relative importance of the policy in this context.

4. Recommendation for Next Steps

- If the project scores favorably, the ESC determines the appropriate next step, which may include one of the following outcomes:
 - Placing it into the Capital Planning Process
 - Developing policy or modifications to operations, or
 - Recommending communications and public education around the project

To document this process, a flowchart and an excel-based scoring sheet were created and are attached to this memorandum.

Next Steps – Potential Projects and Policy Initiatives

As the final part of this process, and at the direction of the ESC, City staff has aggregated a preliminary list of sustainability project policy initiatives and ideas from MIST, the ESC, Lake Forest City Staff, long-range planning documents, and external stakeholders. A list has been attached which identifies the sustainability category of the project or initiative, a basic scope of the project, the source of the initiative, triage and vetting scoring, and a preliminary priority level. Additionally, recommended next steps have been included based on the previously discussed recommendation steps discussed by the ESC.

It is important to note that many sustainable best practices are already occurring in Lake Forest, but communication of those achievements is lacking, resulting in the opinion of some stakeholders of a lack of progress. MIST's assessment has shown that Lake Forest is on par environmentally with its peers. However, projects are currently identified and executed mostly on an opportunistic basis, as stakeholders bring them forth. Since sustainability is a vast subject area, and resources are limited, it will be important for the ESC to identify priorities for the short-term to avoid the potential struggle of making deeper and lasting impact in environmental initiatives.

Action Requested

No formal action is requested at this time, memorandum is being provided for informational and discussion purposes only.

Attachments

- Triage and Project Evaluation Form Template
- Sustainability Project Idea Log

Environmental Sustainability Committee Project Triage Form

PROJECT NAME:

PROJECT #:

PRIORITY STATUS

GO

NO GO

SCORE

4

<4

Rank	Criteria	Weighted Score Range		Score	Comments (if applicable)*
1	Does the project align with an area of priority by the ESC?	Yes	1		
		No	0		
2	Does the project align with an area identified in a long-range planning document?	Yes	1		
		No	0		
3	Does the project address/positively impact the environment?	Yes	1		
		No	0		
4	Is there likely community support for the initiative?	Yes	1		
		No	0		
		TOTAL SCORE	4	0	

Feedback on vetting outcome and/or how to improve from ESC

ESC Adjusted Score:

* Comments required for any category that has points allocated.

PROJECT NAME:		PROJECT #:		PRIORITY STATUS	SCORE
				1	>= 50
				2	25-49
				3	<25
Rank	Criteria	Weighted Score Range		Score	Comments (if applicable)*
1	Does the project measurably reduce or serve as a enabling action, leading to the future reduction of Lake Forest's environmental footprint?	Quantified major improvement, including metric(s)	20		
		Unverified or qualitative improvement	10		
		Little to no environmental improvement	0		
2	Does the project reduce or increase annual operations related costs?	Savings 15% or greater than capital expenditure	16		
		Savings 0%-15% of capital expenditure	8		
		Operations cost increase 0%-15% of capital expenditure	-2		
		Operations cost increase 15% or greater than capital expenditure	-4		
3	What Lake Forest Capital Funds are required for the sustainability portion of the project (ie - what does it cost to upgrade from a typical project to a sustainable project)?	Low (<\$25k)	16		
		Medium (\$25k-\$75k)	8		
		High (>\$75k)	0		
4	Does the project improve Resident or Local Business Experience?	Major Improvement	12		
		Minor Improvement	6		
		No	0		
5	Does the project address an existing or near-future deferred maintenance need?	Addresses a major need	12		
		Addresses a minor need	6		
		No	0		
6	Is the potential policy, regulation, or behavior change reasonably enforceable?	Yes	10		
		Likely, but challenges	5		
		No	0		
7	Is outside/grant funding secured to finance or does the project support an existing revenue stream?	100%-50% grant funded?	8		
		<50% grant-funded or supports revenue stream?	4		
		No outside funds	0		
8	Does project offer opportunities to promote LF's achievements, leading to stronger standing as compared to peer communities	Yes	6		
		No	0		
TOTAL SCORE			100	0	

Describe the cost/benefit of rehabilitation/upgrade vs. replacement, including anticipated extension in EUL:

ESC Adjusted Score:

* Comments required for any category that has points allocated.

CITY OF LAKE FOREST

SUSTAINABILITY PROJECT IDEA LOG

				Project Scoring		Priority Level 1 = ≥50 2 = 25-49 3 = <25	Recommended Next Step
Category	Project or Policy Initiative	Basic Scope	Source Document	Triage	Vetting		
Energy Efficiency & Renewable Energy	Municipal-Sponsored Community Solar Program	Launch community solar program to secure access to community solar subscriptions for Lake Forest residents.	Sustainability Plan	N/A	N/A	N/A	In Process
Waste Infrastructure & Management	Rethink Recycling Campaign	Develop programs/policies to increase the recycling rate and encourage responsible disposal of non-recyclable waste.	Sustainability Plan	N/A	N/A	N/A	In Process
Energy Efficiency & Renewable Energy	Community Choice Aggregation Program (100% Renewable Energy Credit)	Explore opportunity to engage in a community choice aggregation (CCA) program to procure power on behalf of residents, businesses, and municipal accounts from an alternative energy supplier that offers 100% green energy.	Sustainability Plan	4	66	1	Explore Policy Action or Modification to Operations, Ordinance, Codes
Sustainable Development	Create a framework to encourage and support investments by private property owners in sustainable development.	Consider incentives such as streamlined review processes and reduced permit fees, or regulations, to encourage developers and property owners to incorporate green building materials, techniques and practices into development and redevelopment projects. Including, but not limited to: pervious rather than impervious surfaces, reduced hardscape, rain gardens, solar installations, geo-thermal installations, use of natural/recyclable/recycled materials, building designs that reduce the need for heating and cooling and exterior lighting that respects the "right to night".	Sustainability Plan	4	66	1	Explore Policy Action or Modification to Operations, Ordinance, Codes
Ecosystem Vitality & Ravine Conservation	Ecosystem Land Management & Ravine Conservation Initiatives	Explore and/or promote capital projects and Initiatives that enhance natural land management and ecosystem investment. May include expanding infrastructure, habitats, ecosystems, and natural resource conservation and revegetation of open spaces and areas including ravines.	ESC	4	66	1	Explore Policy Action or Modification to Operations, Ordinance, Codes

SUSTAINABILITY PROJECT IDEA LOG

				Project Scoring		Priority Level 1 = ≥50 2 = 25-49 3 = <25	Recommended Next Step
Category	Project or Policy Initiative	Basic Scope	Source Document	Triage	Vetting		
Climate & Resilience	City-wide Greenhouse Gas (GHG) Emissions Inventory and Climate Action Plan	Update/complete a City-wide greenhouse gas emissions inventory completed in 2007-2009, which was a comprehensive community-wide inventory of greenhouse gases measured within Lake Forest. These include carbon dioxide, methane, nitrous oxide, fluorocarbons, hydrofluorocarbons and sulfur hexafluoride. Inventory identifies baseline data and projects greenhouse gas emissions absent any reduction measures. Explore the development of a comprehensive plan to help the City and its partners reduce their greenhouse gas (GHG) emissions. The plan identifies a starting point for emissions, helps establish goals for reduction targets, and tactics for how best to achieve those targets.	MIST Assessment	4	64	1	Explore Policy Action or Modification to Operations, Ordinance, Codes
Stormwater Management & Water Usage	Coal Tar Sealant Ordinance	Support policies that remove pollutants from runoff water by encouraging the use of coal tar alternative sealants when maintaining driveways and parking lots within the City. According to the U.S. Geologic Survey, a coal tar sealcoat degrades over time into small particles with high levels of polycyclic aromatic hydrocarbons (PAHs) which is a known carcinogen. This initiative would include the consideration of an ordinance discouraging or banning the use of coal-tar based sealants in Lake Forest.	Outside Group	4	63	1	Explore Policy Action or Modification to Operations, Ordinance, Codes
Stormwater Management & Water Usage	Forward "Gray to Green" Initiatives	Strive to reduce impervious cover and promote green infrastructure treatments and encourage the use of emerging methods to reduce runoff volumes for projects included in the City's capital improvement plan covering various City assets (e.g. storm sewers, gas light conversions, and parking lots).	Sustainability Plan	4	62	1	Review Opportunities as part of Annual Capital Planning Budget Process
Waste Infrastructure & Management	Increased Access to Residential Composting	Expand access and programs for composting to residents, or seek partnerships to promote and expand composting practices locally.	Sustainability Plan	4	62	1	Explore Policy Action or Modification to Operations, Ordinance, Codes
Municipal Governance Structure	Sustainability Intern/Consulting Services	Explore opportunities to secure ongoing sustainability consulting services support to forward programs and goals of the Environmental Sustainability Committee, either through partnerships with the Greenest Region Corps (GRCorps) program or Environmental Consulting Agency.	City Staff	4	58	1	Review Opportunities as part of Annual Operating Budget Planning Process

SUSTAINABILITY PROJECT IDEA LOG

				Project Scoring		Priority Level 1 = ≥50 2 = 25-49 3 = <25	Recommended Next Step
Category	Project or Policy Initiative	Basic Scope	Source Document	Triage	Vetting		
Budget & Funding	Incorporate Sustainability into Capital and Operating Budget Planning - Create "Sustainability Fund"	Dedicate source funding to support new or supplement existing projects with environmental sustainability-focused initiatives or improvements (e.g. enhance project designs, upgrade capital equipment, etc.).	MIST Assessment	4	54	1	In Process
Energy Efficiency & Renewable Energy	Solar Panel Installations on City Facilities	Investigate purchasing and installing solar panels on city facilities to help offset energy consumption and usage.	Sustainability Plan	4	52	1	Review Opportunities as part of Annual Capital Planning Budget Process
Transportation & Mobility	"Green Fleet" Initiative	Strive to consider gasoline-alternative/bio-diesel alternatives for capital equipment replacements and new purchases (e.g. hybrid/electric vehicles, electric/battery-powered equipment, etc.).	Sustainability Plan	4	52	1	Review Opportunities as part of Annual Capital Planning Budget Process
Transportation & Mobility	Electric Vehicle Sticker Incentive	Evaluate incentives for fuel-efficient and electric vehicles, including a reduction in the cost of a vehicle sticker, or other, for residents.	ESC	4	51	1	Explore Policy Action or Modification to Operations, Ordinance, Codes
Transportation & Mobility	EV Charging Station Installation	Explore opportunities to install or expand access to EV Charging Stations in City municipal parking lots.	Sustainability Plan	4	50	1	Explore Policy Action or Modification to Operations, Ordinance, Codes
Health & Wellness	Gas Powered Landscape Equipment	Support policies that address the usage of gas-powered landscape equipment (e.g. leaf blowers, mowers, trimmers, etc.). This initiative would include the consideration of an ordinance, policy, or marketing campaign to discourage, reduce hours of operation, or limit/prohibit gas-powered equipment to be used in Lake Forest.	Outside Group	3	47	2	Further Research and Deliberation Needed by ESC
Health & Wellness	Anti-Idling Initiative	Support policies that reduce air pollution from the City's fleet and equipment, and that reduce idling in the City. This initiative would include the consideration of an ordinance, policy, or marketing campaign to discourage idling on City-owned property in Lake Forest.	Sustainability Plan	3	45	2	Further Research and Deliberation Needed by ESC
Waste Infrastructure & Management	Decreased use of Plastic Bags and Polystyrene	Consider an Ordinance regulating or enacting disincentives for the use of single-use plastics within the City.	Sustainability Plan	3	45	2	Further Research and Deliberation Needed by ESC
Municipal Governance Structure	Develop "Green Purchasing Policy"	Enhance purchasing policy to promote green/environmentally-preferable procurement procedures.	Sustainability Plan	3	40	2	Further Research and Deliberation Needed by ESC

SUSTAINABILITY PROJECT IDEA LOG

				Project Scoring		Priority Level 1 = ≥50 2 = 25-49 3 = <25	Recommended Next Step
Category	Project or Policy Initiative	Basic Scope	Source Document	Triage	Vetting		
Ecosystem Vitality & Ravine Conservation	Biodiversity Recovery Plan	Develop a Plan to provide guidance on maintaining, restoring, and preserving the integrity of open space in Lake Forest.	Sustainability Plan	Partner with LFOLA			
Health & Wellness	Community Gardening Initiative	Expand access to health foods by implementing a community gardening initiative and providing farming/nutrition based educational opportunities or partnership opportunities with local agencies (e.g. Elawa Farm).	Strategic Plan	Partner with ELAWA, School District 67			

ACTION ITEM:
APPROVAL OF
SEPTEMBER 17, 2020
MEETING MINUTES

1 ENVIRONMENTAL SUSTAINABILITY COMMITTEE MEETING

2 Thursday, September 17, 2020 – 6:30 P.M.

3 REMOTE ACCESS MEETING

4
5 ROLL CALL/CALL TO ORDER

6
7 Chairman Melanie Rummel called the meeting to order at 6:30 P.M. Aldermen
8 Jed Morris and Jim Preschlack were present.

9
10 Staff in attendance included Mike Strong, Assistant City Manager; Michael
11 Thomas, Director of Public Works; Cameron Burrell, Business Analyst; Elizabeth
12 Holleb, Finance Director; Cathy Czerniak, Director of Community Development
13 and Layla Werner, Administrative Intern.

14
15 Also in attendance was Mike Stopka, Consultant and Crystal Egelkamp,
16 Consultant.

17
18 There were approximately 10 members of the public that attended the meeting
19 remotely.

20
21 Chairman Rummel made the following statement as required by the Open
22 Meetings Act. In accordance with state statute, Chairman Rummel has made a
23 determination that it was not practical or prudent to schedule an in-person
24 Committee meeting because of the COVID-19 pandemic, which is why this
25 August 19, 2020 Environmental Sustainability Committee meeting is being held
26 remotely.

27
28 ACTION ITEMS

29
30 I. REVIEW AND APPROVAL OF AUGUST 19, 2020 MEETING MINUTES

31
32 Alderman Morris moved to approve the August 18, 2020 Environmental
33 Sustainability Committee meeting minutes subject to the corrections
34 shared with Layla Werner. Alderman Preschlack seconded the motion.
35 The following voted "Aye": Chairman Rummel, Alderman Morris and
36 Preschlack. The following voted "Nay": None. 3-Ayes, 0 Nays, motion
37 carried.

38
39 DISCUSSION ITEMS

40
41 I. COMMITTEE STRATEGY, FOCUS AREAS, INITIATIVES AND PRIORITIES –
42 MIKE STOPKA

43
44 Chairman Rummel Thanked Mike Stopka, Mike Strong and other City
45 staff members that have worked to develop the Committee strategies.
46 She introduced Mike Stopka to discuss the potential recommendations
47 brought forward by the committee to City Council. Mike Strong gave a

brief over view of the steps staff has been taking to advance the Committees goals.

Mike Stopka gave a presentation explaining the sustainability framework the Committee can use to advance sustainability goals City wide. He briefly summarized the project scope beginning with the first phase, the assessment, the second phase, the strategy framework and finally, the prioritized project list.

He provided a brief background on the first and second phases before discussing the third phase more in depth. In phase three, he explained the ultimate question is how we take the previous work done, and how potential projects can be filtered through prioritization process. He also discuss how MIST uses the assessment to identify priority areas. Mr. Stopka provided to the committee three recommended project areas to focus on long term.

Chairman Rummel asked if there were any questions or discussion on this agenda item.

The Committee had discussion on the priorities presented by MIST Environment. The Committee had additional discussion on moving forward with additional projects over the next two years.

Chairman Rummel asked if there were any additional comments from the Committee, seeing none she asked if there were any questions or comments from the public.

Rommy Lopat offered her comments to the Committee about priority areas as determined by the Committee

Marion Cartwright offered her comments to the Committee about the direction of the prioritization of projects.

Chairman Rummel asked if there were any additional comments from the committee.

The Committee had lengthy discussion on the potential opportunity areas presented.

Mike Stopka continued with his presentation, displaying to the committee a process that could be used to organize the priority projects. Mr. Stopka went into further depth on a potential "idea log" to track and house potential projects the City could undertake. He explained that by triaging projects, the Committee will have to opportunity to identify if the project aligns with Committee values as well as City values.

The Committee had lengthy discussion about what projects would be determined to need capital funds versus operating funds and the categorization process of projects.

Mike Stopka continued to explain the proposed scoring format, based on the questions included in the survey in phase two. He briefly summarized the score sheet that was developed, similarly to the capital planning worksheet used by City staff. Mike Stopka walked the committee through a brief demonstration of the score sheet.

Mike Strong discussed the top six projects that were prioritized by staff after undergoing the scoring process. He explained how the categories were identified stating that some currently overlapped with the CIP, concluding that an environmental component could be an addition to the projects proposed.

Director of Public Works, Mike Thomas discussed the capital planning process and how the Public Works department will work with the Committee to present multiple options that may include a sustainability component, when the department can.

Chairman Rummel asked if there were any questions or comments from the Committee

The Committee had lengthy discussion on capital funding when prioritizing potential projects, including a sustainability component.

Mike Stopka continued to discuss the final step of the prioritization process describing the different lanes, if appropriate, where a project can be placed. Additionally, Mike Strong stated staff would work to identify recommended outcomes to update the budgeting process to include funding for sustainability projects, if needed. He continued to explain that this could include, but was not limited to, an ordinance, policy, or an opportunity for an education campaign.

Mike Stopka concluded the presentation by describing the work that has already been done in regard to sustainability, and the role that MIST played, helping the Committee document the work it has accomplished.

The Committee thanked Mike Stopka and the work MIST has done to create an inclusive and transparent process.

II. UPDATE AND INPUT ON PROJECTS AND CAPITAL PLANNING PROCESS – MIKE STRONG

Assistant City Manager, Mike Strong gave a brief overview of changes City staff has discussed to implement sustainability projects in the

budgeting process. He further explained how a mechanism had not yet been institutionalized in the capital and operating processes in relation to sustainability. Moving forward with the planning process, City staff has had internal discussions to move forward with initiatives, while still meeting funding goals that fall within the budgeted targets.

Finance Director, Elizabeth Holleb gave a more detailed explanation about the capital planning process, and including a different bucket to categorize budgeted funds for environmental sustainability.

Chairman Rummel asked if there were any questions or comments from the committee.

The Committee had lengthy discussion on the updated capital planning and funding process. Additionally, there was discussion on processes and strategy to include the entire City Council.

Chairman Rummel asked if there were any additional comments from the Committee, seeing none she asked if there were any questions or comments from the public.

Seeing none, she moved to the next agenda item.

OTHER BUSINESS

I. STATUS OF MUNICIPAL-SPONSORED COMMUNITY SOLAR PROGRAM – MIKE STRONG

Assistant City Manager, Mike Strong gave a very brief update on the Community Solar Program. He stated that the City published an article in the dialogue referencing the program which sparked interest from residents to participate in the program. He explained that as soon as the registration process is open, staff will alert residents via the e-news and other appropriate outlets.

Chairman Rummel asked the Committee about the timing of addressing the three guiding principles as discussed in previous meetings, and asked about adding an additional principle.

There was concurrence among the Committee to maintain the three principle, but to reach out to residents for further guidance and ideas.

PUBLIC COMMENT

Chairman Rummel asked if there were any public comments on any non-agenda items.

September, 17 2020

Joy Guscott-Mueller offered her comments to the committee in regard to the climate and resilience project and the score it received during MIST environments review.

Chairman Rummel asked if there were any comments or questions from the Committee, seeing none Chairman Rummel asked if there were any additional public comments on any non-agenda items.

Seeing none, Chairman Rummel moved to the next agenda item.

NEXT MEETING DATE(S) – OCTOBER

There was concurrence among the Committee members to meet the third or fourth week of October. Assistant City Manager, Mike Strong stated that he would send out a poll to gauge the availability of the Committee members prior to setting the next meeting date.

ADJOURNMENT

Alderman Morris moved to adjourn the meeting of the Environmental Sustainability Committee at 8:57 P.M. seconded by Alderman Preschlack. The motion carried unanimously by voice vote.

Respectfully Submitted,

Layla Werner
Administrative Intern

Reviewed by,

Mike Strong
Assistant City Manager

ACTION ITEM:

**REVIEW AND RECOMMEND
APPROVAL OF SUSTAINABILITY
ENHANCEMENTS TO CIP
PROJECTS FOR FY2022**

Environmental Sustainability Capital Project:
Preliminary List of Capital Project Opportunities:
DRAFT - FY2022 Budget

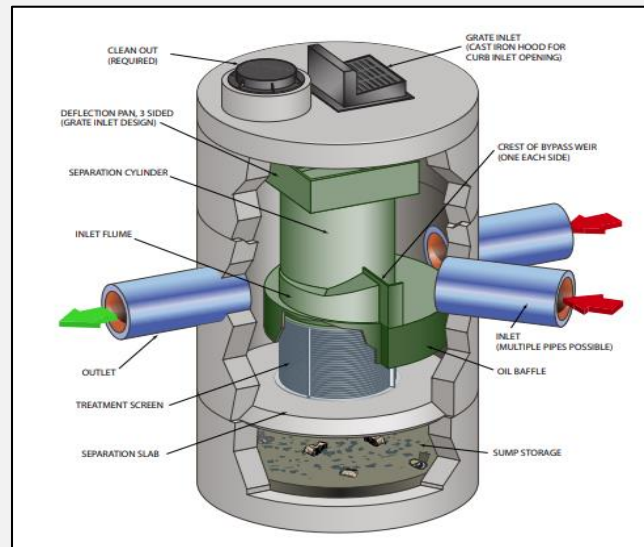
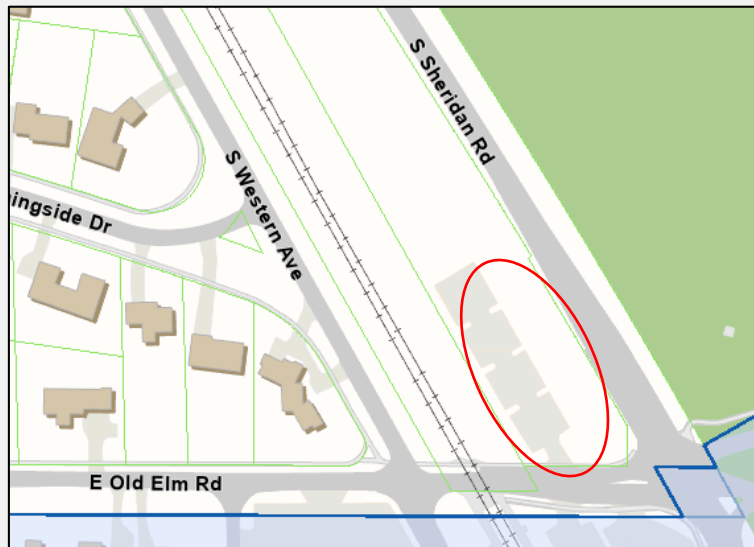
Project Name	Project #	Baseline Amount FY2022	Estimated Incremental Costs for Sustainability Component(s)				
			FY2022	FY2023	FY2024	FY2025	FY2026
Rockefeller / Loch Storm Sewer Ravine Design	PW-RAV-01-21	\$ 100,000	\$ 5,000				
Rockefeller / Loch Storm Sewer Ravine Construction	PW-RAV-01-22				TBD		
Seminary Ravine Sanitary/Storm Sewer Study	PW-RAV-03-22	\$ 40,000	\$ 5,000				
*Capital Equipment - "Green Fleet" Initiative	PW-CEQ-01-09	\$ 500,000	\$ 5,000				
Gas Light LED Conversions	PW-RDB-02-19	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ -
*Smoke Testing Program	PW-SAN-01-20			\$ -		\$ -	
*Manhole Lining and I&I Repairs	PW-SAN-02-20				\$ -		\$ -
Water Meter Replacement Project Design	PW-WAT-01-19	\$ 75,000	\$ -				
Off-Street: North Shore Parking Lot Resurfacing	PW-RDB-29-09	\$ 110,000	\$ 37,500				
Forest Park Trail Addition/Boardwalk	PK-PRK-04-20			\$ -			
Ravine Restoration	PK-CEM-05-07	\$ 200,000	\$ -				
Veterans Park Redesign	PK-Rec-05-18	\$ 250,000	\$ -				
Storm Sewer Upgrade - Burr Oak	PW-STM-05-15	\$ 2,764,000	\$ -				
Deerpath Streetscape Project	PW-01-21			\$ -	\$ -		
East Ravine Restoration Project	PK-CEM-01-22	\$ 500,000	\$ -				
Synthetic Turf Complex: Route 60	PK-REC-10-02	\$ 8,023,400	\$ -				
Rockefeller / Loch Storm Sewer Ravine Construction	PW-RAV-01-22			\$ -			
Ringwood Ravine Headwall Washout	PW-RAV-05-20	\$ 1,400,000	\$ -				
Water Meter Replacement Project	PW-WAT-01-22			\$ -	\$ -		
Forest Park Bluff Slope Stabilization	PW-01-22	\$ 250,000	\$ -	\$ -			
Off-Street: Forest Ave Parking Lot Resurfacing	PW-RDB-04-14			\$ 20,000	TBD		
Deerpath Landscaping: Bridge Abutment & Ramp Areas	PK-PRK-01-21				TBD		
South Park: Athletic Field Parking Lot	PK-PRK-02-12	\$ 40,000	\$ 10,000		TBD		
Waveland Park: W Parking Lot Resurface & Expansion	PK-PRK-02-13	\$ 30,000	\$ 5,000		TBD		
Beach Profile Study	PK-PRK-06-15		\$ -				
*Denotes a recurring/annual CIP program and expenditure			\$ 14,372,400	\$ 67,500	\$ 20,000	\$ -	\$ -

OLD ELM & SHERIDAN PARKING LOT

Base Budget - \$110,000

Sustainability Component Incremental Cost Increase - \$37,500

- **Water Quality Structure - \$15,000**
- **EV Charging Station - \$22,500**
- The base budget is for the resurfacing of the parking lot
- Engineering firm has reviewed the lot for potential sustainability components; recommended a water quality structure
 - Structure replaces existing storm sewer structure immediately downstream of the parking lot, removing hydrocarbons & sediment prior to discharging to the Forest Preserve
- City staff identified an EV charging station similar to the station in the parking lot behind City Hall as a potential opportunity



FIRE DEPARTMENT MID-SIZE SUV REPLACEMENT

Base Budget - \$40,000

Sustainability Component Incremental Cost Increase - \$5,000

- The base budget is for the direct replacement of a Fire Department mid-size SUV
- City staff identified this vehicle replacement as a potential opportunity for a hybrid vehicle replacement
 - On-board electrical equipment can be powered using the lithium-ion hybrid battery, allowing the gasoline engine to shut off (runs only intermittently to charge the battery)
 - Significant improvements in fuel economy and reduced engine idle time



ROCKEFELLER / LOCH STORM SEWER RAVINE PROJECT DESIGN

Base Design Budget - \$100,000

Sustainability Component Incremental Cost Increase - \$5,000

- Base design will address failing City storm sewer outfalls that convey roadway stormwater to ravines
- Projects have been combined due to their close proximity and similar repair work
- By nature ravine project designs feature sustainability components
 - Native plant material for project construction / slope stabilization & stormwater flow dissipation
- If additional funds are allocated, the City can work with the design contracting firm to identify additional sustainable components to incorporate into the project plans and construction
 - Current construction estimate = \$900,000; any additional components identified will increase the construction cost



Rockefeller Ravine



Loch Ravine



SEMINARY RAVINE SANITARY/STORM SEWER STUDY

Base Budget - \$40,000

Sustainability Component Incremental Cost Increase - \$5,000

- Study of the exposed City sanitary sewer / failing storm sewer outfall in the ravine system adjacent to the college
- Study will help to develop specific project scope, phasing, and grant opportunities
 - City staff anticipates this as a multimillion dollar project that will be phased over multiple years
- By nature ravine project designs feature sustainability components
 - Native plant material for project construction / slope stabilization & stormwater flow dissipation
- If additional funds are allocated, the City can work with the contracting firm to identify additional sustainable components to incorporate into the project plans
 - There are no current construction estimates



ADDITIONAL PROJECTS

- **South Park: Replacement of existing gravel parking lot (Design)**

Base Budget - \$40,000

Sustainability Component Incremental Cost Increase - \$10,000

Bioretention, bio swales, wildlife habitat, etc. in landscape areas, medians, and roundabouts

Permeable pavement in roads, parking stalls and walkways

Native trees and plants in landscaped areas, and amended or engineered soils to improve infiltration, pollutant remove and plant health, and others



- **Waveland Park: Resurface and Expansion of west parking lot (Design)**

Base Budget - \$30,000

Sustainability Component Incremental Cost Increase - \$5,000

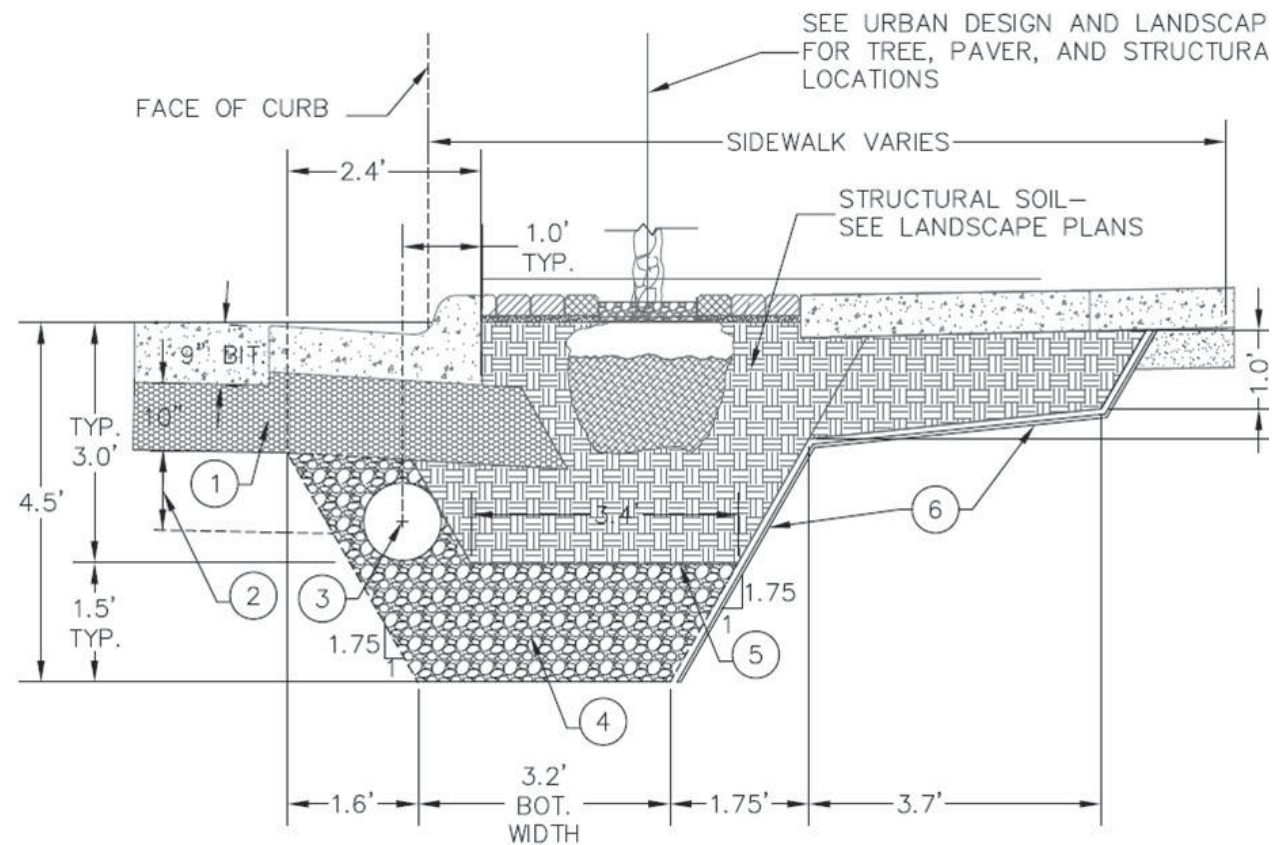
Bioretention, bio swales, wildlife habitat, etc. in landscape areas, medians, and roundabouts

Permeable pavement in roads, parking stalls and walkways

Native trees and plants in landscaped areas, and amended or engineered soils to improve infiltration, pollutant remove and plant health, and others



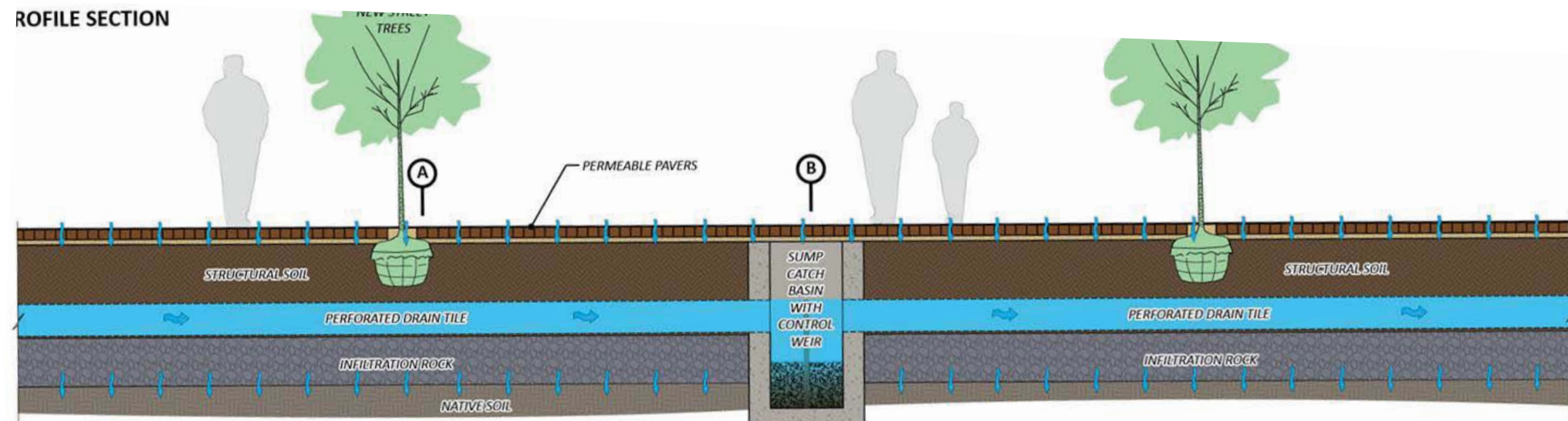
ADDITIONAL ITEM:
DEERPATH STREETSCAPE
PROJECT UPDATE



EXAMPLE CROSS SECTION OF TREE TRENCH CONDITION



INSTALLATION-TREE TRENCH PLANTINGS



TREE TRENCH PLANTINGS-CONCEPTUAL DESIGN

DEERPATH STREETSCAPE: GREEN INFRASTRUCTURE-URBAN TREE WITH PERMEABLE PAVERS

AUGUST/SEPTEMBER 2020



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