



City Council Committee Meeting Notice

CITY COUNCIL
City Hall, 215 SE 7th Street, Suite 255
Topeka, KS 66603-3914
Tel: (785) 368-3710
www.topeka.org

Committee: Public Infrastructure
Meeting Date: May 21, 2024
Time: 11:00am
Location: 1st Floor Conference Room; Cyrus K. Holliday Building
620 SE Madison *virtual attendance option is available*

Agenda:

1. Call to Order
2. Approval of April 16, 2024 Minutes
3. Polk-Quincy Viaduct Update
4. Action Items: CIP Projects Exceeding \$250,000
 - a. (Utilities) SW Lakeside, SW Westover, SW 15th
 - b. Summerfield Neighborhood
 - c. Chesney Park Alley Replacement
 - d. SW Wegener Rd/57th Street Intersection
5. Presentation: 2024 Safe Streets & Roads for All
6. Presentation: Topeka Blvd (21st Street - 15th Street)
7. FIRM Project Memo
8. Other Items
9. Adjourn; Next meeting will be June 18th at 11:00am; 1st Floor Conference Room at the Holliday Building

STAFF REQUESTED: Public Works Director Braxton Copley, Utilities Director Sylvia Davis, Public Works Deputy Director Jason Tryon

Members: Sylvia Ortiz (Chair) - District 3
David Banks - District 4
Neil Dobler - District 7

Contact: Liz Toyne, City Council Assistant
785-368-3710

***In-person and virtual attendance options are available. Members of the public are asked to contact the City Council office at 785-368-3710 or email etoyme@topeka.org before 5:00pm on day prior of meeting to receive the log-in information. The meeting will be live-streamed on the City of Topeka Facebook and City4 Communications platforms.

1 RESOLUTION NO. _____

2
3 A RESOLUTION introduced by Public Infrastructure Committee comprised of
4 Councilmembers Sylvia Ortiz, David Banks and Neil Dobler
5 recommending approval of Project Nos. 281250.02, 281300.02 and
6 281301.02 for water line improvements for SW Lakeside Drive, SW
7 Westover Road and SW 15th Street.
8

9 WHEREAS, the Governing Body adopted a Resolution approving the 2024-2033
10 Capital Improvement Program and the 2024-2026 Capital Improvement Budget (Resolution
11 No. 9425); and

12 WHEREAS, the Resolution requires Governing Body approval for projects that are
13 ready for construction and whose total project budget exceeds \$250,000; and

14 WHEREAS, at its meeting on May 21, 2024, the Public Infrastructure Committee
15 recommended approval of the project(s).

16 NOW, THEREFORE, BE IT RESOLVED, BY THE GOVERNING BODY OF THE
17 CITY OF TOPEKA, KANSAS, that Project Nos. 281250.02, 281300.02 and 281301.02 for
18 water line improvements in Westboro for SW Lakeside Drive, SW Westover Road. and SW
19 15th Street as further described in Exhibit A are hereby approved.

20 ADOPTED and APPROVED by the Governing Body on _____.

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22 CITY OF TOPEKA, KANSAS

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27 _____
28 Michael A. Padilla, Mayor

29 ATTEST:

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32 _____
33 Brenda Younger, City Clerk

EXHIBIT A

Capital Improvement Project Final Approval

Project Name:	Westboro SW Lakeside Dr - SW Westover Rd and SW 15th	Complete replacement of the water distribution system within Westboro Subdivision. Work to include installation of over 21,700 LF of small-diameter water main by both HDD and open excavation, approximately 289 new water services, pavement patching and replacement, traffic control, storm water pollution control, and restoration of disturbed areas.
Main Project Number:	281250.02, 281300.02, 281301.02	
Project Manager:	Duncan Theuri	
Event	Target Date	
Design	Complete	
Construction	2024-2027	
<hr/>		
Funding Source	Final Estimate	
Revenue Bonds	\$ 7,564,859	
<hr/>		
Totals	\$ 7,564,859	

1 RESOLUTION NO. _____

2
3 A RESOLUTION introduced by Public Infrastructure Committee comprised of
4 Councilmembers Sylvia Ortiz, David Banks and Neil Dobler
5 recommending approval of Project Nos. 841091.02 and 501106.05 for
6 street and stormwater improvements in the Summerfield
7 neighborhood.
8

9 WHEREAS, the Governing Body adopted a Resolution approving the 2024-2033
10 Capital Improvement Program and the 2024-2026 Capital Improvement Budget (Resolution
11 No. 9425); and

12 WHEREAS, the Resolution requires Governing Body approval for projects that are
13 ready for construction and whose total project budget exceeds \$250,000; and

14 WHEREAS, at its meeting on May 21, 2024, the Public Infrastructure Committee
15 recommended approval of the project(s).

16 NOW, THEREFORE, BE IT RESOLVED, BY THE GOVERNING BODY OF THE
17 CITY OF TOPEKA, KANSAS, that Project Nos. 841091.02 and 501106.05 for street and
18 stormwater improvements in the Summerfield neighborhood as further described in Exhibit
19 A are hereby approved.

20 ADOPTED and APPROVED by the Governing Body on _____.

21 CITY OF TOPEKA, KANSAS

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26 _____
27 Michael A. Padilla, Mayor

28 ATTEST:

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31 _____
32 Brenda Younger, City Clerk

EXHIBIT A

Capital Improvement Project Final Approval														
Project Name:	Summerfield Neighborhood	<p>This project consists of pavement rehabilitation in addition to stormwater improvements in the Summerfield neighborhood. Roadwork will be funded under 841091.02 (Pavement Management Program). Stormwater work will be funded under 501106.05 (Stormwater Conveyance System Rehabilitation Program), which leverages operating funds and revenue bonds.</p>												
Main Project Number(s):	841091.02; 501106.05													
Project Manager:	Robert Bidwell													
Event	Target Date													
Estimated Construction Year	2024													
<hr/>														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Funding Source</th> <th colspan="2" style="text-align: center;">Final Estimate</th> </tr> </thead> <tbody> <tr> <td>Citywide Half-Cent Sales Tax</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">1,199,000</td> </tr> <tr> <td>Stormwater - Revenue Bonds and Operating Funds</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">2,107,000</td> </tr> <tr> <td>Totals</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">3,306,000</td> </tr> </tbody> </table>			Funding Source	Final Estimate		Citywide Half-Cent Sales Tax	\$	1,199,000	Stormwater - Revenue Bonds and Operating Funds	\$	2,107,000	Totals	\$	3,306,000
Funding Source	Final Estimate													
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Stormwater - Revenue Bonds and Operating Funds	\$	2,107,000												
Totals	\$	3,306,000												

Capital Improvement Project Final Approval

Project Name:	Summerfield Neighborhood	This project consists of pavement rehabilitation in addition to stormwater improvements in the Summerfield neighborhood. Roadwork will be funded under 841091.02 (Pavement Management Program). Stormwater work will be funded under 501106.05 (Stormwater Conveyance System Rehabilitation Program), which leverages operating funds and revenue bonds.							
Main Project Number(s):	841091.02; 501106.05								
Project Manager:	Robert Bidwell								
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Estimated Construction Year	2024								
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Citywide Half-Cent Sales Tax	\$ 1,199,000								
Stormwater - Revenue Bonds and Operating Funds	\$ 2,107,000								
Totals	\$ 3,306,000								

1 RESOLUTION NO. _____
2

3 A RESOLUTION introduced by Public Infrastructure Committee comprised of
4 Councilmembers Sylvia Ortiz, David Banks and Neil Dobler
5 recommending approval of Project Nos. 601133.05 and 291128.02 for
6 Alley Repair in the 1800 block between Lincoln and Buchanan,
7 rescinding Resolution No. 9497.
8

9 WHEREAS, the Governing Body adopted a Resolution approving the 2024-2033
10 Capital Improvement Program and the 2024-2026 Capital Improvement Budget (Resolution
11 No. 9425); and

12 WHEREAS, the Resolution requires Governing Body approval for projects that are
13 ready for construction and whose total project budget exceeds \$250,000; and

14 WHEREAS, on February 20, 2024, the Public Infrastructure Committee
15 recommended approval of the project(s) and on March 5 the Governing Body approved the
16 same; and

17 WHEREAS, the estimated cost of the project(s) has increased more than the 15%
18 allowed by Resolution No. 9425; and

19 WHEREAS, on May 21, 2024, the Public Infrastructure Committee recommended
20 approval of the project(s) with the increased cost.

21 NOW, THEREFORE, BE IT RESOLVED, BY THE GOVERNING BODY OF THE
22 CITY OF TOPEKA, KANSAS, that Project Nos. 601133.05 and 291128.02 for Alley Repair
23 in the 1800 block between SW Lincoln and SW Buchanan as further described in Exhibit A
24 are hereby approved.
25

26 ADOPTED and APPROVED by the Governing Body on _____.

27 CITY OF TOPEKA, KANSAS

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Michael A. Padilla, Mayor

33 ATTEST:

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Brenda Younger, City Clerk

EXHIBIT A

Capital Improvement Project Final Approval		
Project Name:	Chesney Park Alley Repair: SW 19th to SW 18th b/t SW Lincoln & SW Buchanan	This project is part of the Neighborhood Infrastructure Program (DREAMS 2). It consists of replacing both the sewer main along the alley and the service connections attached to the main. The alley will be replaced with a concrete surface. Sanitary will be funded under project number 291128.02.
Main Project Number:	601133.05; 291128.02	
Project Manager:	Vince Schuetz	
Event	Target Date	
Estimated Construction Year	2024	
Funding Source	Final Estimate	
ARPA	\$	179,235
Wastewater Operating Fund	\$	218,700
Totals	\$	397,935

Capital Improvement Project Final Approval

Project Name: Chesney Park Alley Repair: SW 19th to SW
18th b/t SW Lincoln & SW Buchanan

Main Project Number: 601133.05; 291128.02

Project Manager: Vince Schuetz

This project is part of the Neighborhood Infrastructure Program (DREAMS 2). It consists of replacing both the sewer main along the alley and the service connections attached to the main. The alley will be replaced with a concrete surface. Sanitary will be funded under project number 291128.02.

Event	Target Date
Estimated Construction Year	2024

Funding Source	Final Estimate	
ARPA	\$	179,235
Wastewater Operating Fund	\$	218,700
Totals	\$	397,935

1 RESOLUTION NO. _____
2

3 A RESOLUTION introduced by Public Infrastructure Committee comprised of
4 Councilmembers Sylvia Ortiz, David Banks and Neil Dobler
5 recommending approval of Project No. 841060.27 for street
6 improvement at the intersection of SW Wenger Road and SW 57th
7 Street.
8

9 WHEREAS, the Governing Body adopted a Resolution approving the 2024-2033
10 Capital Improvement Program and the 2024-2026 Capital Improvement Budget (Resolution
11 No. 9425); and

12 WHEREAS, the Resolution requires Governing Body approval for projects that are
13 ready for construction and whose total project budget exceeds \$250,000; and

14 WHEREAS, at its meeting on May 21, 2024, the Public Infrastructure Committee
15 recommended approval of the project(s).

16 NOW, THEREFORE, BE IT RESOLVED, BY THE GOVERNING BODY OF THE
17 CITY OF TOPEKA, KANSAS, that Project No. 841060.27 for street improvement at the
18 intersection of SW Wenger Road and SW 57th Street as further described in Exhibit A is
19 hereby approved.

20 ADOPTED and APPROVED by the Governing Body on _____.

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25 _____
26 Michael A. Padilla, Mayor

27 ATTEST:
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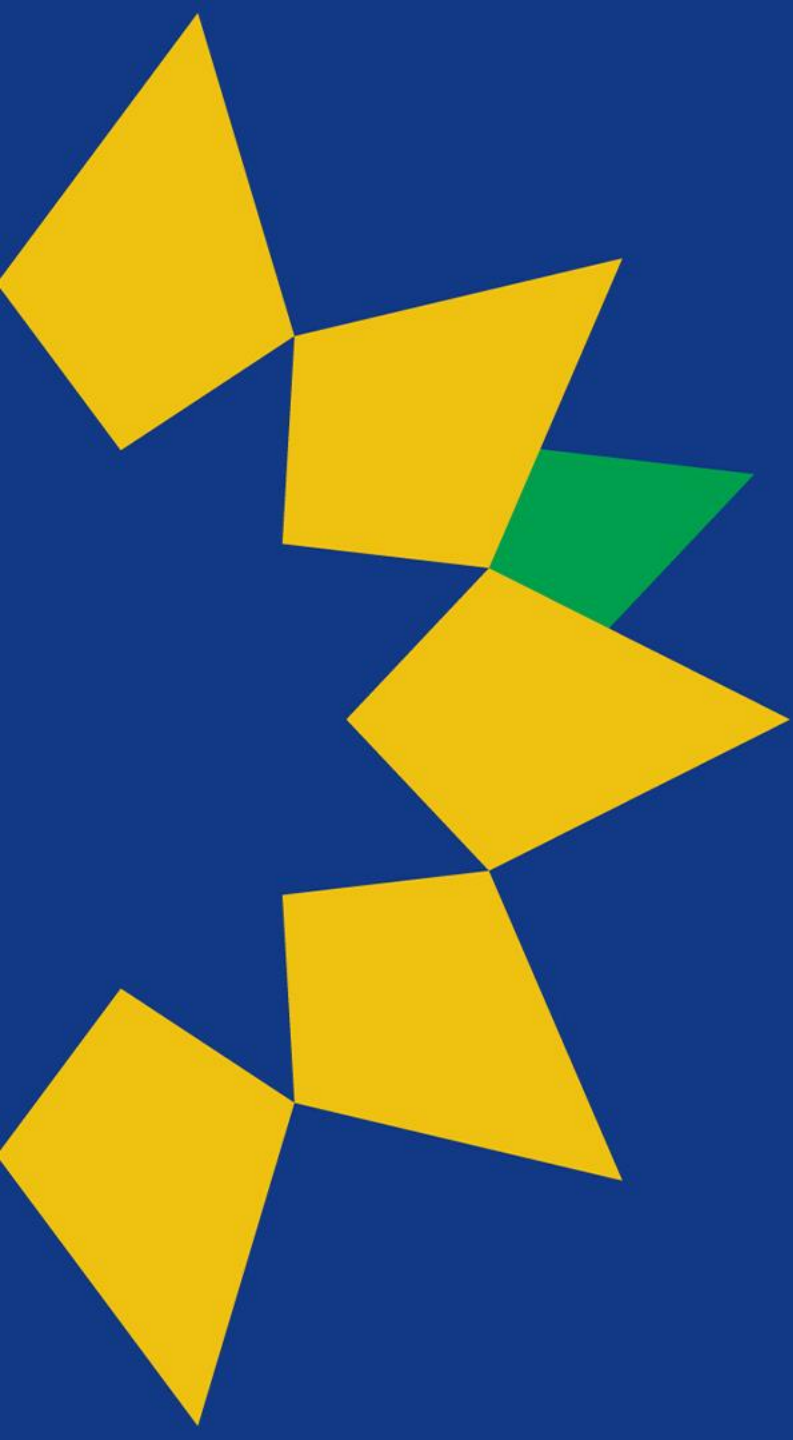
31 _____
32 Brenda Younger, City Clerk

EXHIBIT A

Capital Improvement Project Final Approval		
Project Name:	SW Wenger Rd & SW 57th St Intersection	This project consists of concrete pavement replacement at the intersection of SW Wenger Rd & SW 57th St.
Main Project Number(s):	841060.27	
Project Manager:	Robert Bidwell	
Event	Target Date	
Estimated Construction Year	2024	
<hr/>		
Funding Source		Final Estimate
Citywide Half-Cent Sales Tax		\$ 249,975
Totals		\$ 249,975

Capital Improvement Project Final Approval

Project Name:	SW Wenger Rd & SW 57th St Intersection	This project consists of concrete pavement replacement at the intersection of SW Wenger Rd & SW 57th St.					
Main Project Number(s):	841060.27						
Project Manager:	Robert Bidwell						
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%; text-align: left;">Event</th> <th style="width: 30%; text-align: left;">Target Date</th> </tr> </thead> <tbody> <tr> <td>Estimated Construction Year</td> <td>2024</td> </tr> </tbody> </table>			Event	Target Date	Estimated Construction Year	2024	
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Estimated Construction Year	2024						
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Funding Source	Final Estimate						
Citywide Half-Cent Sales Tax	\$ 249,975						
Totals	\$ 249,975						



CITY OF
TOPEKA



FY24 Safe Streets and Roads for All

Alleigh Weems, Public Works

- Development of Comprehensive Safety Action Plan
- Demonstration activities to inform future implementation
- Initial focus on school zone safety improvements
- No fiscal impact to the City

USDOT Award	\$4,312,000
Build Kansas Fund (20% Match)	\$1,078,000
Total Funding	\$5,390,000



Eligible Demonstration Expenses

- Examples include:
 - Signage
 - Rectangular Rapid Flashing Beacons
 - Flex Delineators
 - High-Visibility Crosswalk Markings



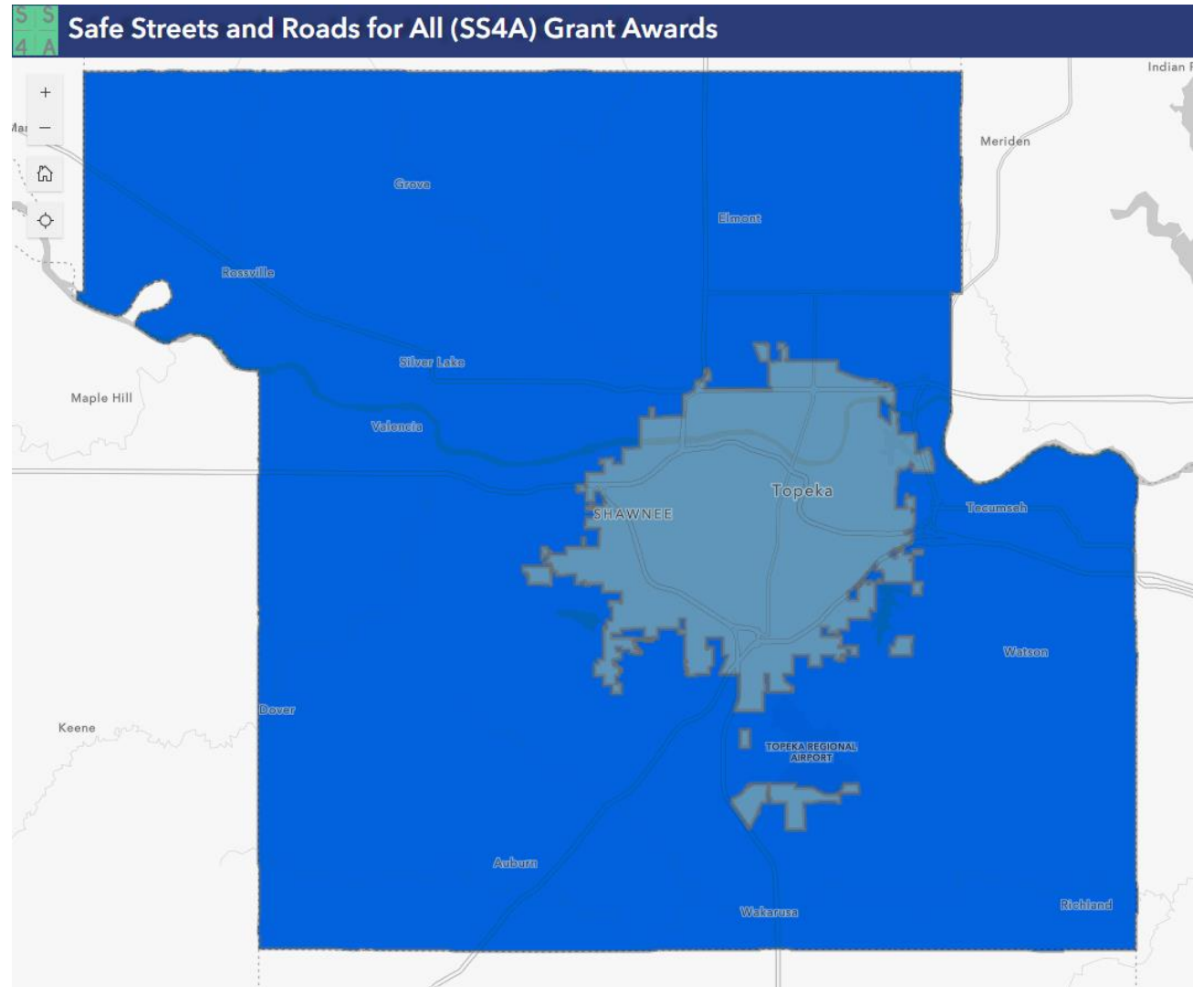
1499 NE Quincy St – Painted Transverse Lines
Useful Life: Approx. 1 Year



822 SW 8th Ave – Precast Longitudinal Bars
Useful Life: Approx. 3-5 Years

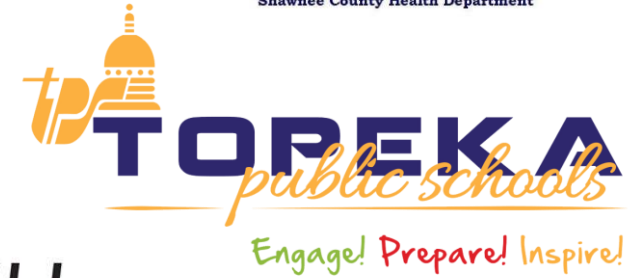
Regionwide Approach

- Shawnee County awarded SS4A in 2023 for CSAP
 - Currently in RFP process for development of plan
- Goal to complement County plan



Support Spotlight

- Shawnee County Commission
- Topeka Citizen Advisory Council
- ADA Advisory Council
- Topeka Sustainability Advisory Board
- Topeka Bikeways
- Topeka Public Schools
- Safe Kids Shawnee County
- Office of Senator Roger Marshall
- Office of Senator Jerry Moran
- Topeka Police Department
- LiveWell Shawnee County
- Shawnee County Health Department
- Kansas Department of Transportation



Questions?



701049.00
SW Topeka Blvd
15th Street – 21st Street
Infrastructure Improvements

Robert Bidwell, PE
City of Topeka
Project Manager



Jason Fundis, PE
PEC Project Manager



Project Description

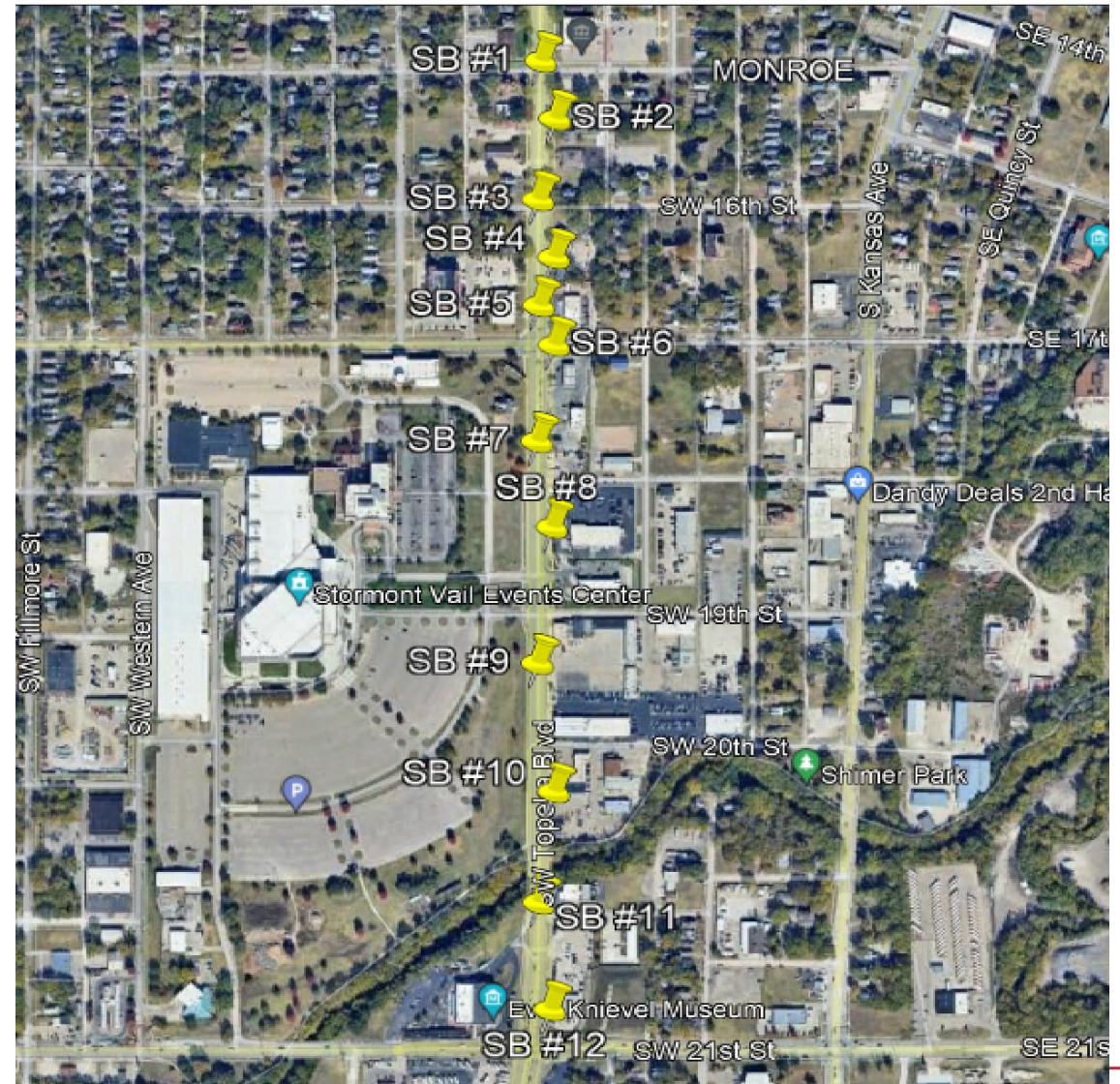
- Current CIP lists the project to consist of pavement rehabilitation on SW Topeka Blvd. from 21st St. to 15th St. No work planned for the 21st St. nor the 15th St. intersection
- The average PCI is 33, meeting the standard of full reconstruction for a major arterial.
- Current CIP Construction Budget \$6.0 Million

Potential Improvement Options

- Full Pavement Reconstruction
- Mill & Overlay/Full Depth Repair
- Storm Sewer
- Water
- Sanitary
- Complete Street Elements

Pavement Evaluation – Geotechnical Investigation

- Performed twelve (12) subsurface borings five (5) feet below existing grade in Northbound and Southbound lanes.



Pavement Evaluation — Geotechnical Findings — Pavement Cores



Boring #1 – Southbound Lane

- Asphalt section is showing stripping
- Concrete Base is severely damaged



Boring #8 – Northbound Lane

- Asphalt section is showing severe stripping
- Concrete Base is degraded



Boring #11 – Southbound Lane

- Asphalt section is cracked
- Concrete Base is showing severe distress

Pavement Evaluation

- The pavement cores indicate that the existing roadway is in severe deterioration.
- Based on Geotechnical findings, Full Pavement Reconstruction is recommended, in line with to the PCI Index of 33.
- A Flexible Pavement (Asphalt) and a Rigid Pavement (Concrete) will be utilized for bid alternatives.

Additional Roadway Element Improvements

- Resurface the Existing Bridge
- SW 17th Street Intersection Pavement Replacement
- Replace all ADA Ramps & Sidewalks not meeting current ADA requirements & guidelines
- Replace sidewalk with a 6-foot-wide or 8-foot-wide Shared Use Path along Stormont Vail Event Center Property
- Evaluate additional Complete Street Elements
 - Lighting
 - Shared Use Paths
 - Sidewalks

City of Topeka Utilities

- **Watermain Replacement**
 - Full Replacement with a new connection across Shunga Creek
- **Storm Sewer Rehabilitation**
 - Coordinate with City Utility Department to evaluate for Full Replacement versus Repair Options
- **Sanitary Sewer Rehabilitation**
 - Coordinate with City Utility Department for replacement of structures and line repairs

City of Topeka Utilities — Watermain Replacement

- Replace undersized watermain (1892-1947 6" Cast-Iron Pipe) with 12" PVC Main.
- Add a new connection across Shunga Creek creating a new loop for redundancy
- Watermain Project currently under contract for design and funded by Utilities Department

City of Topeka Utilities – Storm Sewer Replacement

- Hydrologic and Hydraulic evaluation of existing system for capacity as a majority of the project lies within the FEMA Floodplain.
 - Adding Inlets and Pipe Crossings for Flood Zone south of SW 17th Street
- Currently coordinating with City Utilities Department on evaluation of existing structures and pipes for condition.
- Intentions to rehab or replace corrugated metal pipe (CMP) and replace the system where it does not meet City requirements.

City of Topeka Utilities – Sanitary Sewer Rehabilitation

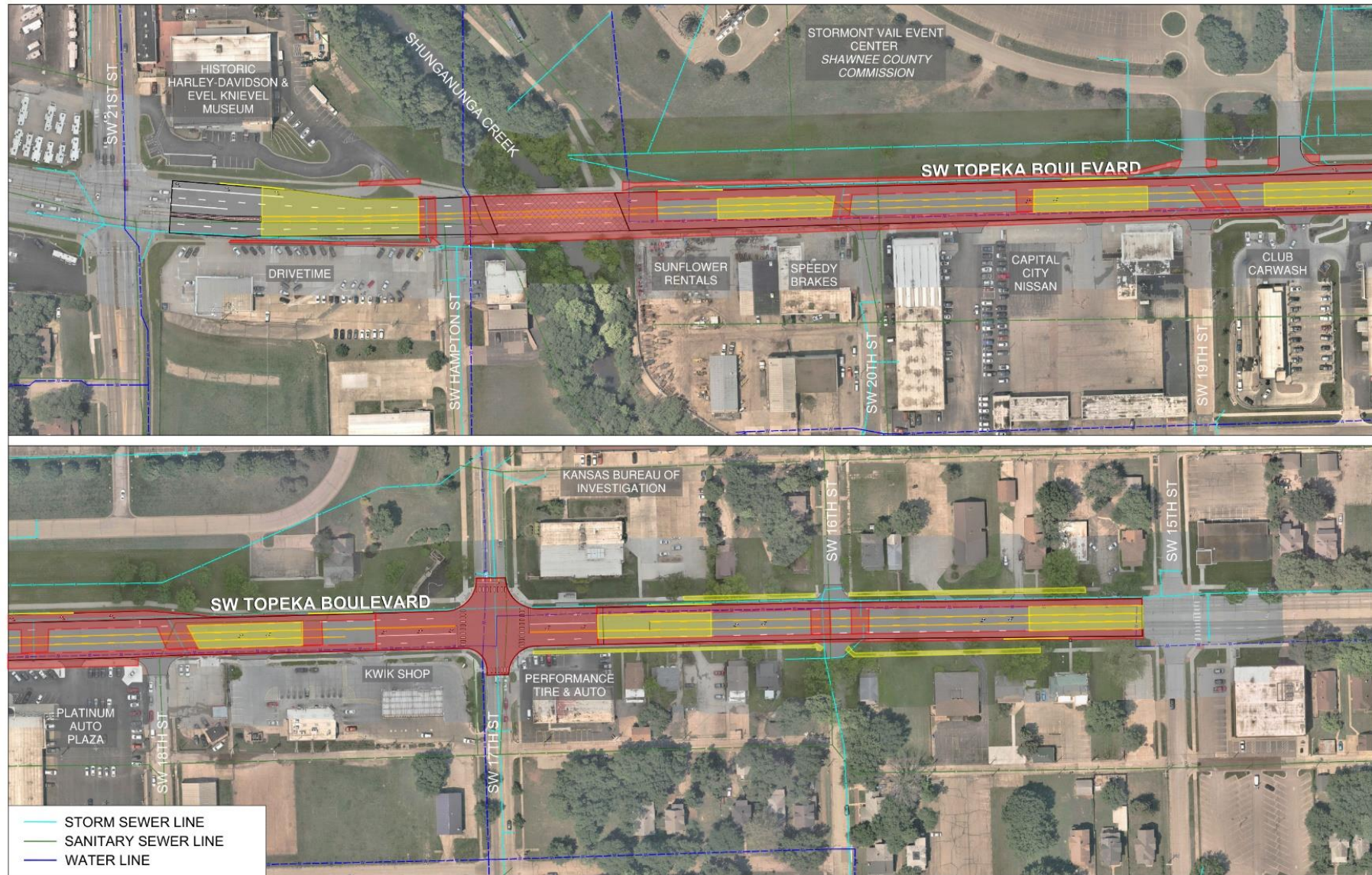
- Will coordinate with City Utility Department for Sanitary Sewer Rehabilitation.
- Existing crossings at SW 20th Street, SW 18th Street, SW 17th Street, and SW 16th Street
- Replace brick structures within the roadway.

Field Evaluation — Pavement Rehab vs Full Replacement

- Mill & Overlay Option **STILL** requires the following **(shown in red)**:
 - 17th Street Intersection Pavement Replacement
 - Shunga Creek Bridge Repairs & Resurfacing
 - Watermain Replacement/Pavement
 - Storm Sewer Replacement/Pavement
- Mill & Overlay Project would include the following Pavement Rehab **(shown in yellow)**:
 - 60% Full Depth Pavement Repair
 - 35% Curb & Gutter Replacement
 - Sidewalk/ADA Ramp Replacements

Field Evaluation

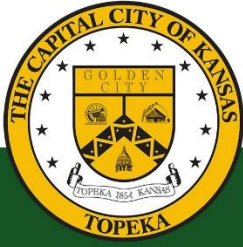
- Rehab is already including over 70% of pavement for replacement.
- Estimated Cost for Rehab Project - \$5.3 Million.



In Conclusion

- Recommend Full Pavement Replacement due to geotechnical findings and extensive needs for pavement rehabilitation.
 - Full Replacement Project: \$6.0 Million
 - Pavement Rehab Project: \$5.3 Million
- Utility Improvements per the City Utilities Department recommendations.

Questions?



CITY OF TOPEKA

Department of Public Works
620 SE Madison Street
Topeka, KS 66607

Date: May 15th, 2024

To: Richard Nienstedt, City Manager
From: Jason Tryon, Deputy Director of Public Works

Re: Facilities Improvements, Repair and Maintenance Program Unexpected Repairs Update and Budget Requests

The following projects budgets have been updated based on additional design and bid information:

<u>Project #</u>	<u>Name</u>	<u>Previous Estimate</u>	<u>Updated Budget</u>	<u>Net Inc/Dec</u>
131079.11	FIRE STATION WINDOW UPDATES	\$202,000	\$133,613	(\$68,387)
131083.01	LEC RE-PAVE PH II	\$500,000	\$760,413	\$260,413
131087.06	TPAC FACIA PHASE 2	\$240,000	\$180,173	(\$59,827)
131087.07	HOLLIDAY TUCKPOINTING PH 2	\$60,000	\$71,162	\$11,162
131087.08	TPAC ADA RAMP DESIGN	\$0	\$17,688	\$17,688
131087.09	LEC BOILER REPLACEMENT	\$400,000	\$626,400	\$226,400
131087.10	FS 9 REMODEL	\$868,650	\$810,000	(\$58,650)
	Net Increase			\$328,799

Project 131079.11 FIRE STATION WINDOW UPDATES, is being reduced as a result of final bids closing. The remaining projects are being updated based on revised cost estimates from our architects and engineers. Multiple projects include alternates that may or may not be selected in the final scope of work based on cost. We will update this body with additional information as bids are received.

With the above changes \$29,827 of spending authority would remain in the 2024 FIRM. We do not anticipate bringing additional projects to the governing body unless we receive favorable bids and can reduce budgets.