

OTK PH II S. Elm St Reconstruction 60% Design

City Council Work Session

November 7, 2023



Agenda

S. Elm Street 60% Design Update

Bridge Design

Franchise Utility Relocation Update

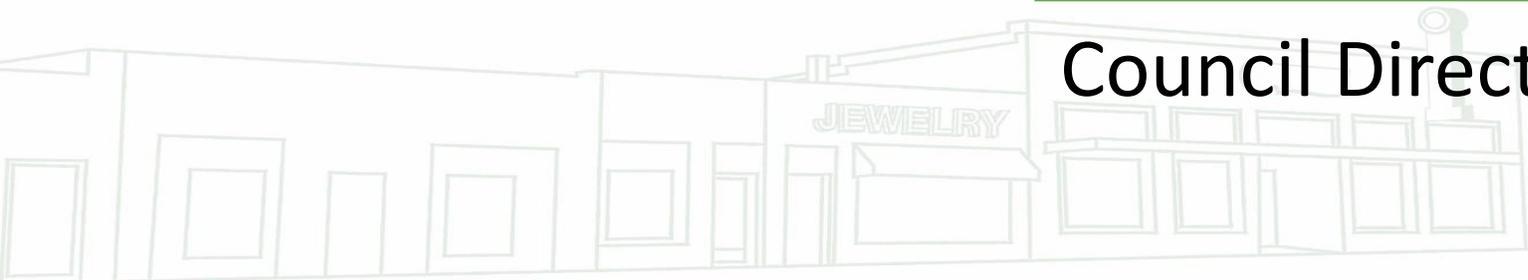
Roadway Pavement Option (Council Direction)

Wayfinding (Council Direction)

Project Schedule

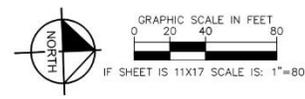
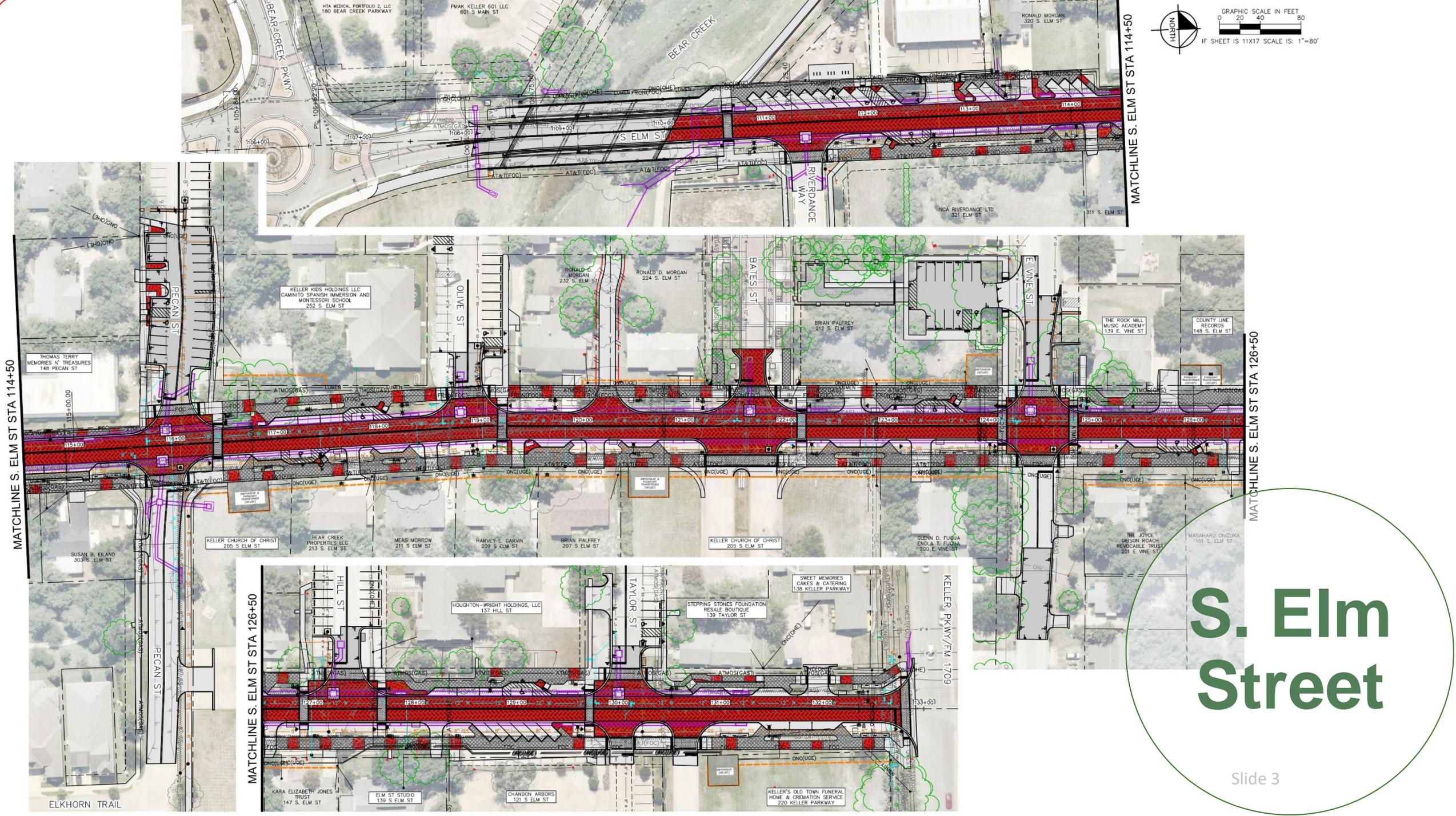
Opinion of Construction Costs

Council Direction





S. Elm St 60% Design



MATCHLINE S. ELM ST STA 114+50

MATCHLINE S. ELM ST STA 114+50

MATCHLINE S. ELM ST STA 126+50

MATCHLINE S. ELM ST STA 126+50

S. Elm Street

ELKHORN TRAIL

THOMAS TERRY MEMORIES 'N' TREASURES 148 PECAN ST

SUSAN B. ELAND 303 S. ELM ST

KELLER CHURCH OF CHRIST 205 S. ELM ST

BEAR CREEK PROPERTIES LLC 213 S. ELM ST

MEAS MORROW 211 S. ELM ST

HARVEY L. GARVIN 209 S. ELM ST

BRIAN PALFREY 207 S. ELM ST

KELLER CHURCH OF CHRIST 205 S. ELM ST

GLENN D. FUJIO GND & TI FLOOR 200 E. VINE ST

THE JOYCE GIBSON ROACH REVOCABLE TRUST 201 E. VINE ST

MASAHARU ONIZUKA 151 S. ELM ST

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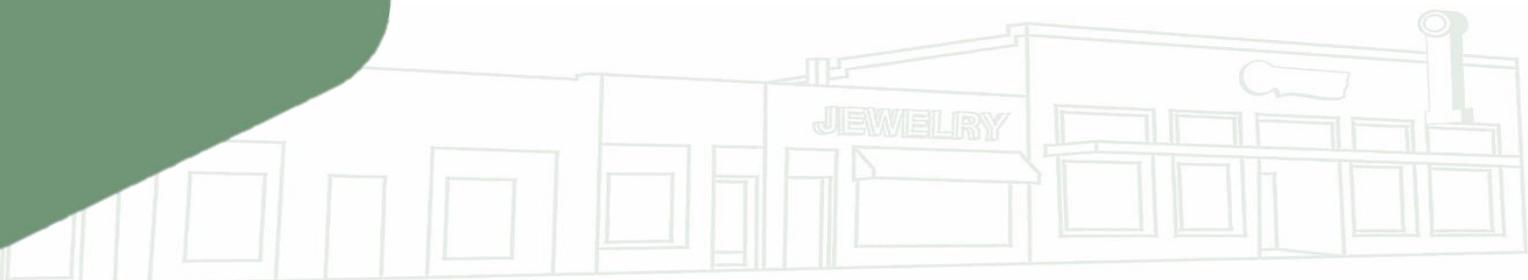
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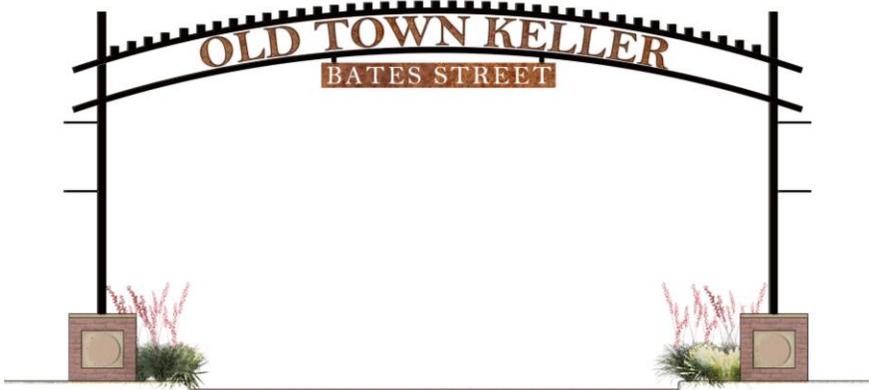
Roadway Improvements

- S Elm Street from Bear Creek Pkwy to FM 1709
 - On-Street Parking
 - Gateway Features
 - Landscaping
 - Street Furniture: Benches, Trash Cans, and Bike Racks
- Bear Creek Crossing Improvements (Bridge)
- Storm Drain, Water Line, and Sewer Line Improvements
- Franchise Utility Improvements



Gateway Features

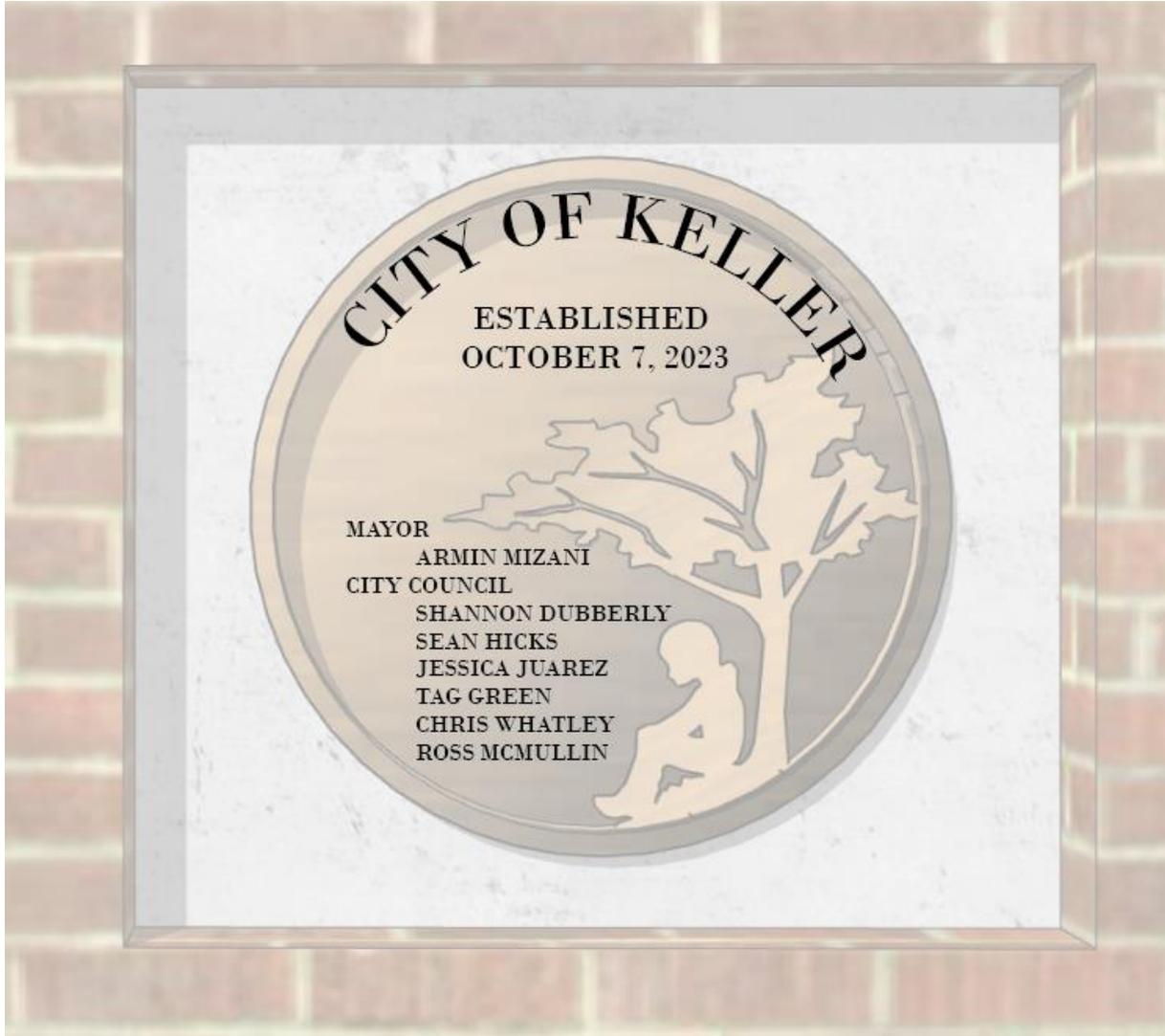
Bates Street @ S. Elm St



S. Elm St @ FM 1709



Bates Street Plaque



Landscape Elements



PLANT LEGEND

TREES	COMMON NAME
	EASTERN REDBUD
	DESERT WILLOW
	VITEX
SHRUBS	COMMON NAME
	KALEIDOSCOPE GLOSSY ABELIA
	LEMON LIME NANDINA
	MYSTIC SPIRES BLUE SALVIA
	COLOR GUARD YUCCA
	DWARF BOTTLEBRUSH
GRASSES	COMMON NAME
	MEXICAN FEATHER GRASS



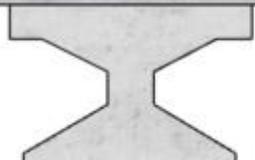
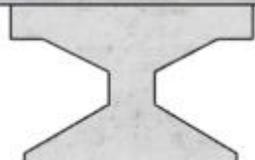
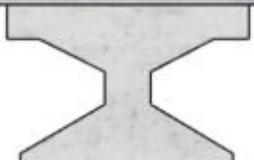
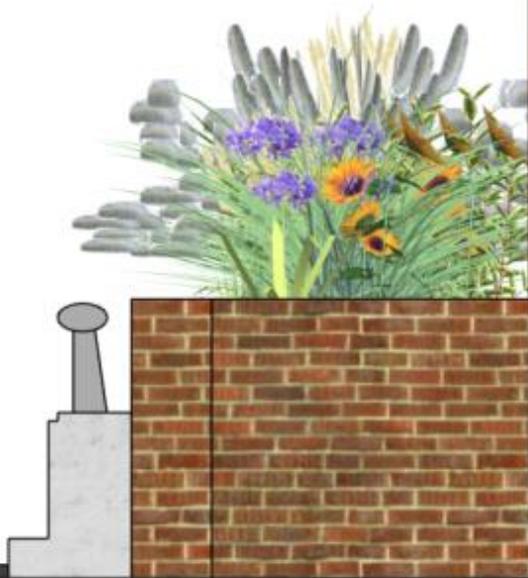
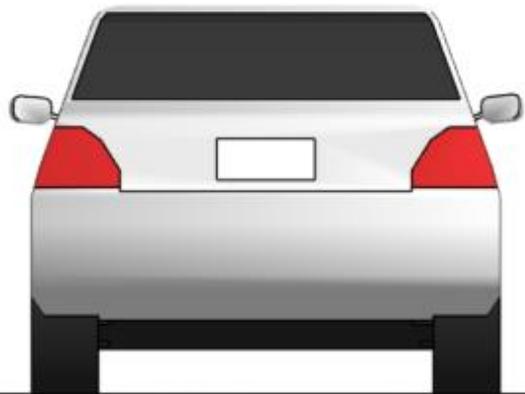
Street Furniture

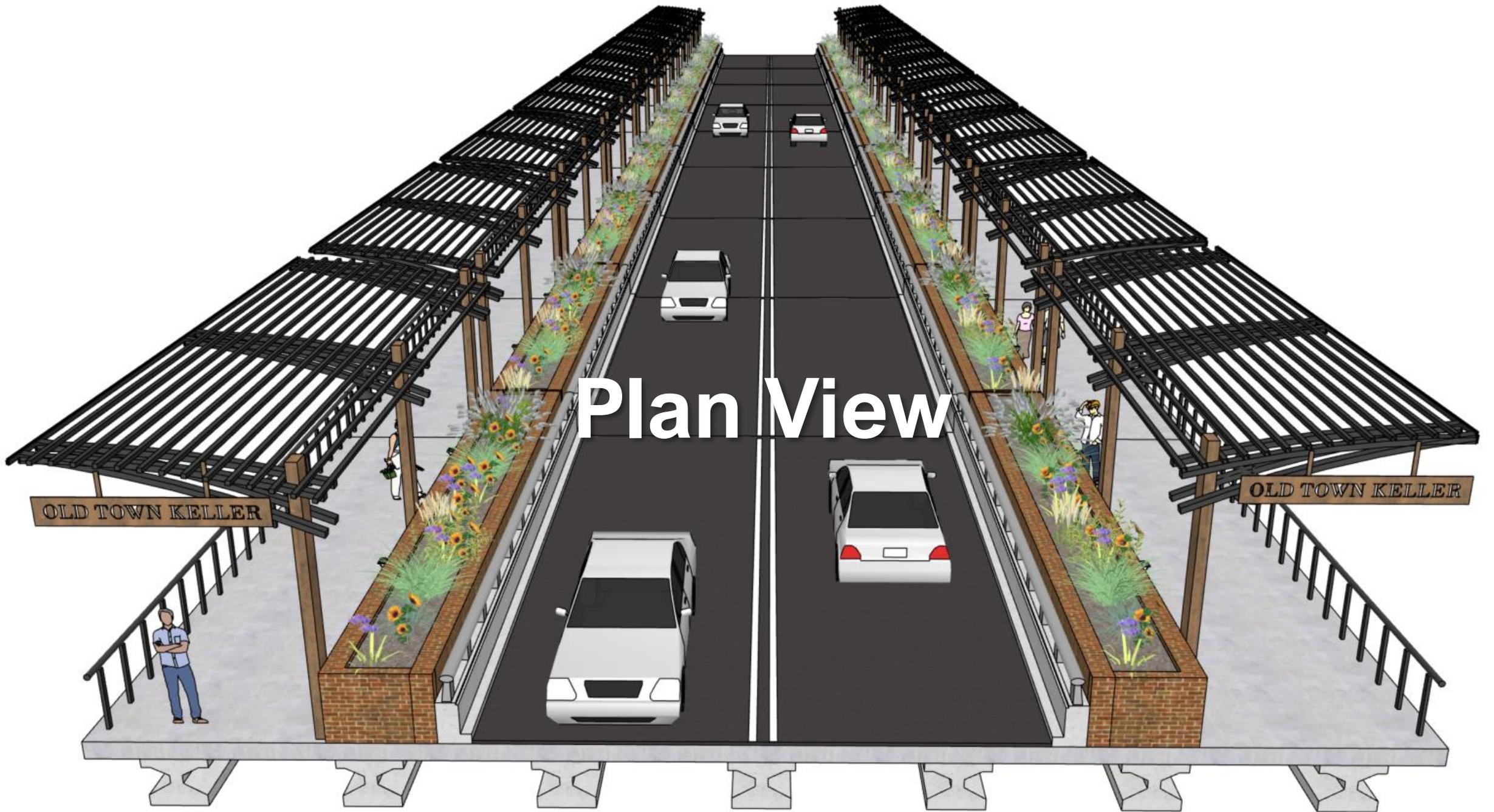




Bridge Design

Section View





Plan View

OLD TOWN KELLER

OLD TOWN KELLER



Pedestrian

Perspective



Vehicular



Franchise Utility Relocation

Utilities, Easements, Equipment, and Costs

Communication and Electric Relocations

- Combination of Overhead and Underground
 - Proposed Relocation to Underground
 - Exception: Properties that are serviced overhead will have service poles
- Proposed Easements
 - Communication: None needed
 - Oncor Electric:
 - 5-10' wide easements along roadway
 - Switchgear/transformer easements – only for underground relocation
- Costs:
 - Conduit, foundations, and pullboxes
 - Relocation cost to companies

Switchgear and Transformers



Dual Transformers (Bates Street)



Switchgear (Oak Street, Roanoke)

Franchise Utility Opinion of Construction Costs (Planning to 30% Design)

	Construction Cost Total
2018 Planning Phase	\$1M Per Street
Bates Street Franchise Utility Relocations	\$211,180 <i>\$788,820 less than budget</i>
30% S. Elm Street Franchise Utility Relocation Budget	\$1M

Franchise Utility Opinion of Construction Costs (60% Design)

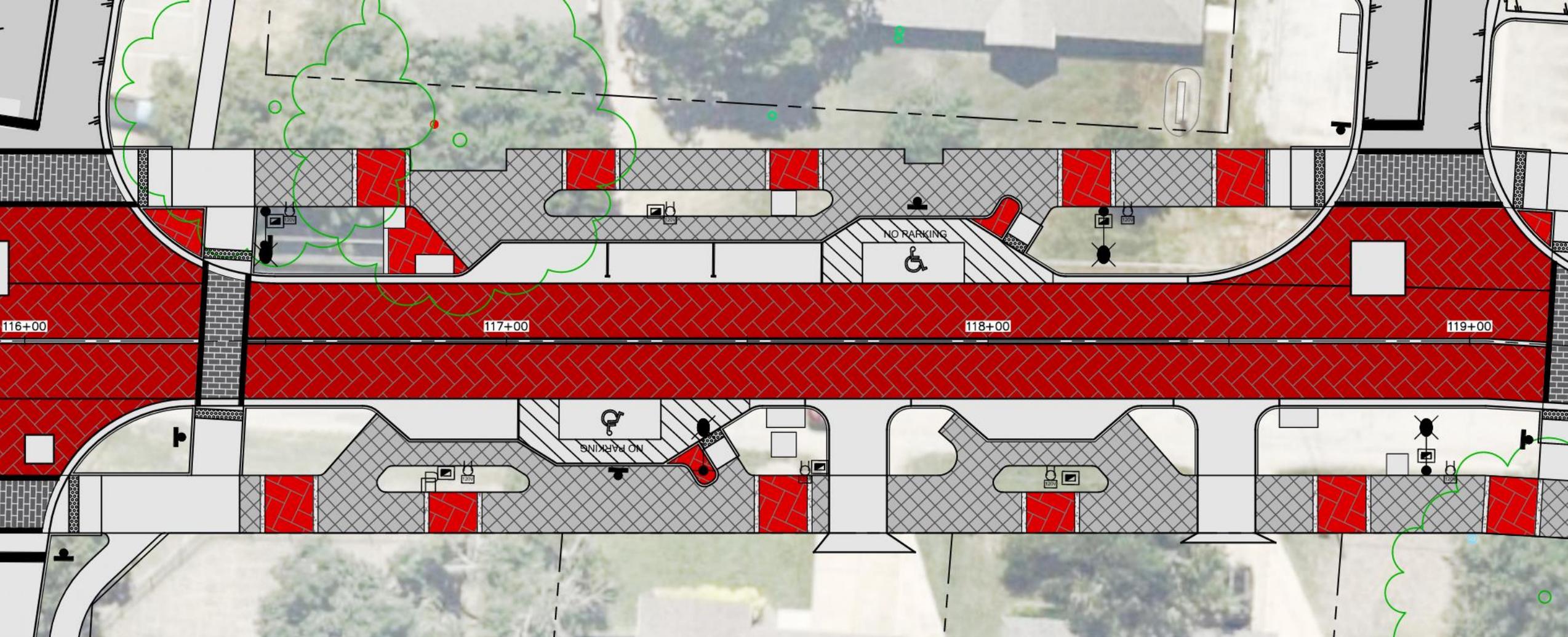
	Construction Cost Total
60% Utility Construction	\$930,000
Anticipated Payment to Utility Companies	\$1,550,000*
Total	\$2.48M <i>(Estimated \$1.48M over 30% budget)</i>

*Utility companies are preparing costs and will provide final numbers. Cost shown were extrapolated based on the Bates Street Reconstruction project.



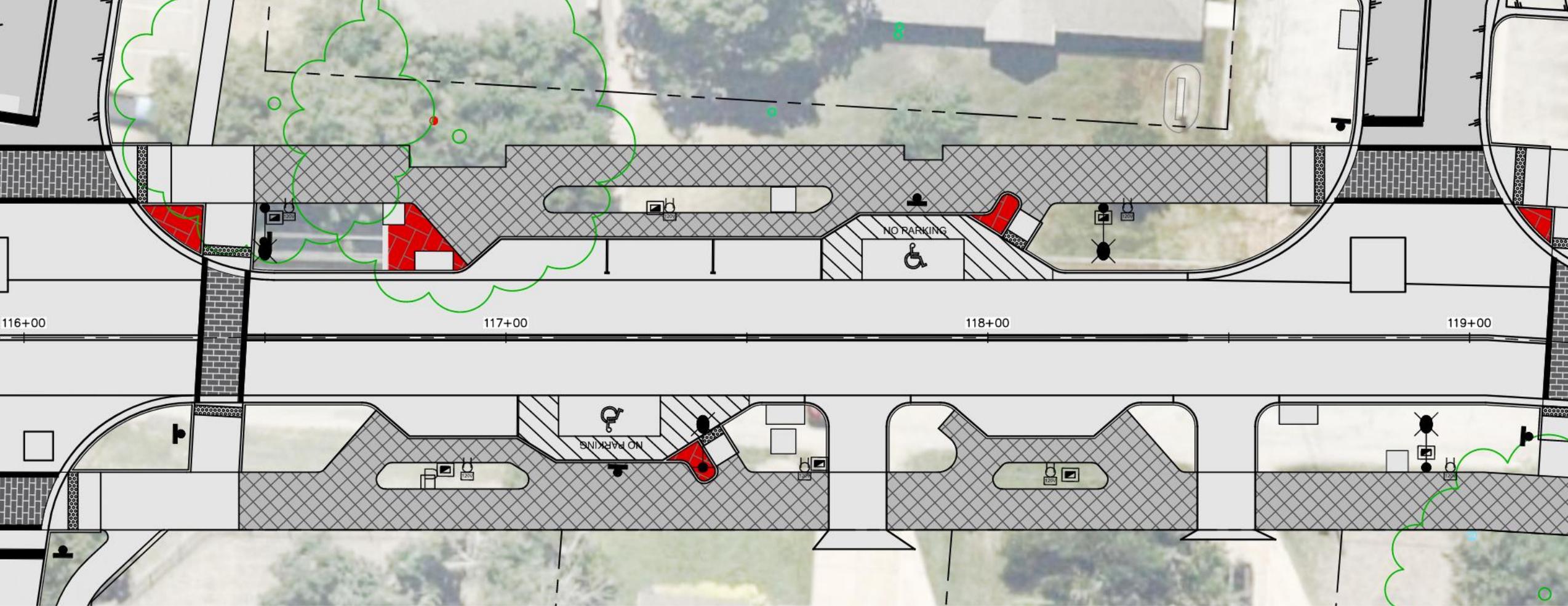
Roadway Pavement Options

Council Direction Needed



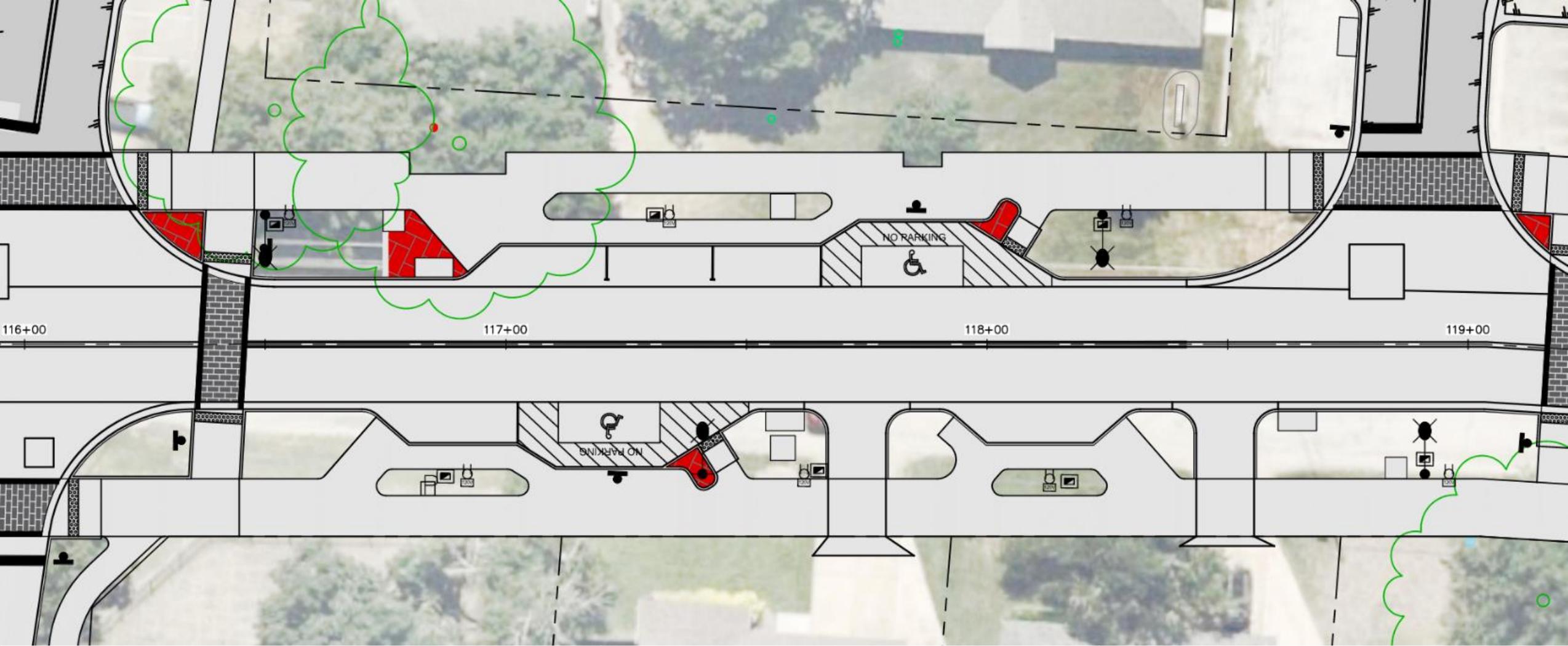
	Construction Cost Subtotal	Construction Contingency	Construction Total	Comparison to Current Design
S Elm Street (Current Design)	\$15,610,000	\$2,810,000 (18%)	\$18,420,000	-

Roadway Pavement (Current Design)



	Construction Cost Subtotal	Construction Contingency	Construction Total	Comparison to Current Design
No Decorative Roadway Pavement, Scored Sidewalk	\$15,170,000	\$2,0,000 (18%)	\$17,910,000	-\$510,000

Roadway Pavement (Option 1)

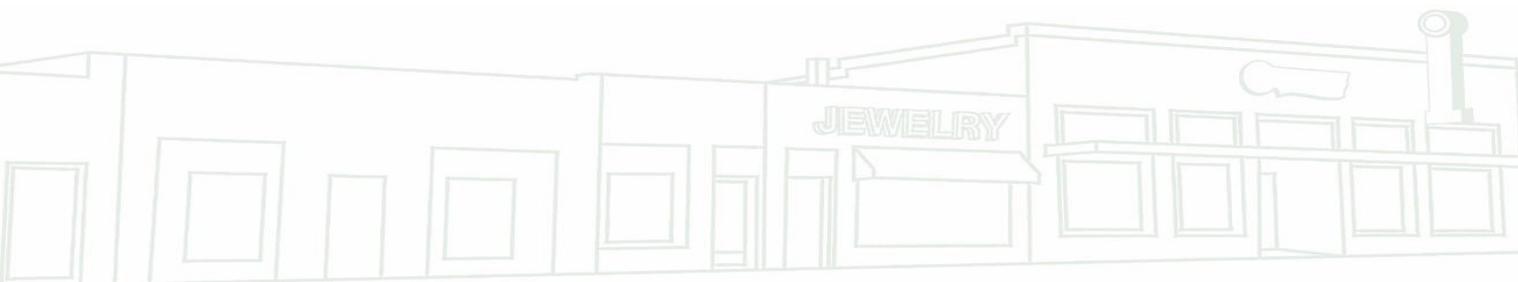


	Construction Cost Subtotal	Construction Contingency	Construction Total	Comparison to Current Design
No Decorative Roadway or Sidewalk Pavement	\$14,440,000	\$2,600,000 (18%)	\$17,040,000	-\$1,380,000

Roadway Pavement (Option 2) (Recommended)

Construction Cost (S. Elm Street Only)

	Construction Cost Subtotal	Construction Contingency	Construction Total	Comparison to Current Design
S Elm Street (Current Design)	\$15,610,000	\$2,810,000 (18%)	\$18,420,000	-
<u>Option 1</u> No Decorative Roadway Pavement, Scored Sidewalk (Maintain Decorative Crosswalk)	\$15,170,000	\$2,740,000 (18%)	\$17,910,000	-\$510,000
<u>Option 2</u> No Decorative Roadway or Sidewalk Pavement (Maintain Decorative Crosswalk)	\$14,440,000	\$2,600,000 (18%)	\$17,040,000	-\$1,380,000





Wayfinding

Council Direction Needed

Wayfinding

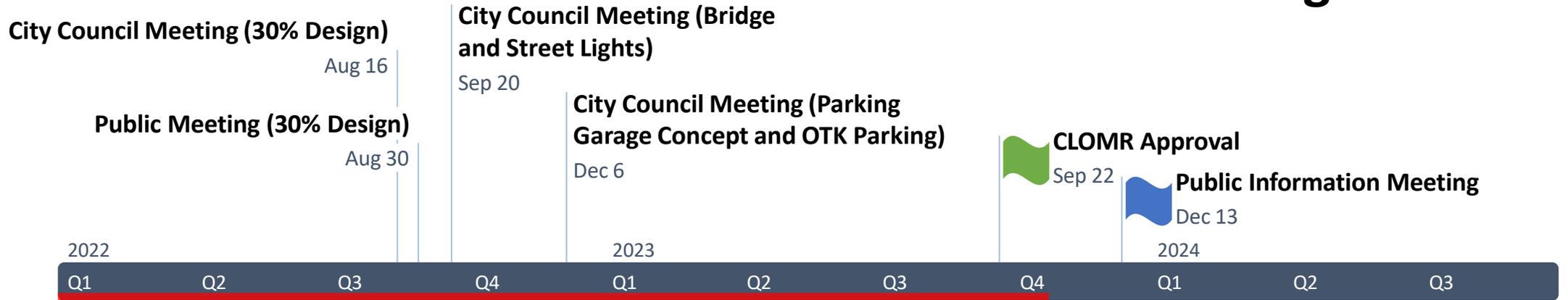
- Pedestrian Scale
- Old Town Keller Map
- QR Code for Business Directory





Project Schedule

S. Elm Street Design Schedule



Design Schedule

★ **Design Contract Execution**
Feb 1, 2022

★ **60% Design Submittal**

90% Design

Bid Package

Bidding and Award

Start Construction ★
Sep 13

**Tarrant County Bond Reimbursement to be Completed by Fiscal Year ending September 30, 2027*



Construction Costs

Opinion of Construction Cost Summary and Cost Saving Options

Total Project Costs

	Construction Cost Subtotal	Construction Contingency & Inflation	Construction Cost Total
S. Elm Street Roadway	\$15,206,000	\$2,791,500 (18%)	\$18,000,000
Franchise Utility	-	-	\$2,480,000
Project Total	\$15,206,000	\$2,791,500	\$20,480,000
TC Bond Contribution	-	-	\$5,750,000
TOTAL CITY COST			\$14,730,000

*Based on Roadway Pavement Option 2

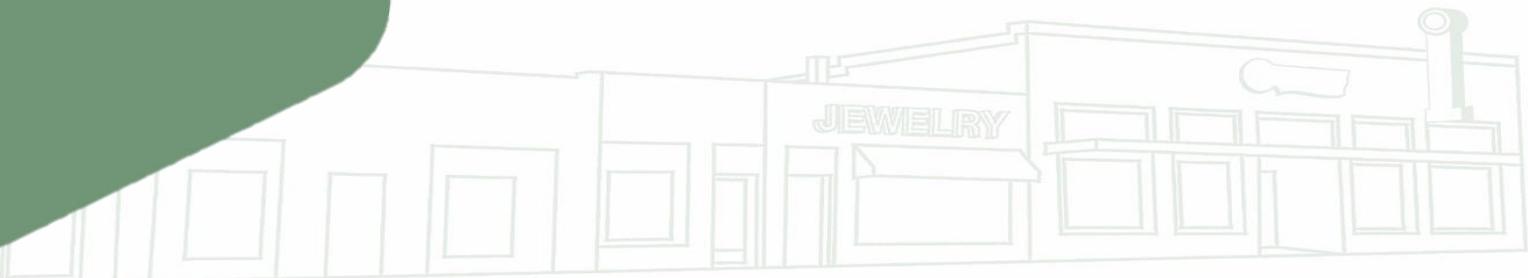




Council Direction

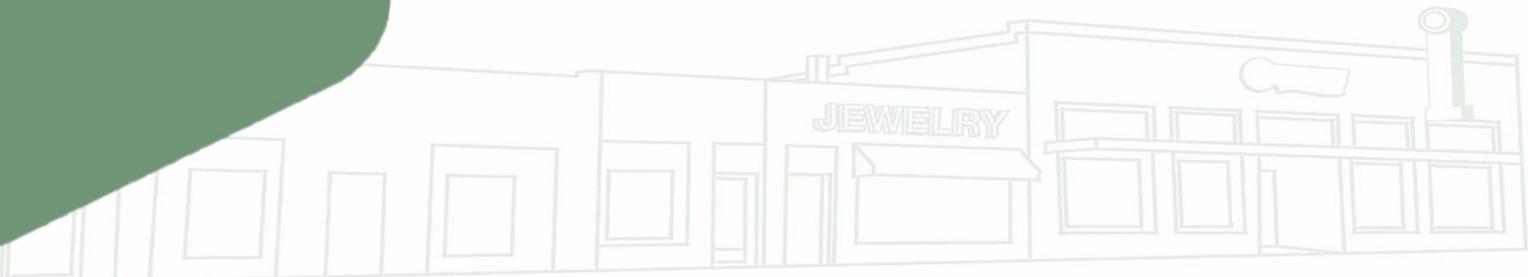
Council Direction

- Roadway Pavement
 - Recommendation: Move Forward w/Option 2
- Wayfinding
 - Recommendation: Proceed with design as shown



Next Steps

- Public Information Meeting
 - December 13, 2023
- Bidding/Construction
 - August/September Construction Start (End of Summer/Early Fall)





Questions
