

City of Lawton

CIP Update

August 2022

Presented by:
Joseph Painter, PE
Director of Engineering



Design

- ▶ Consultant: Dewberry Engineering, Inc.
- ▶ Cost: \$427,100
 - ▶ Paid: \$361,952.00; Remaining : \$65,148
- ▶ Widening the roadway to 5 lanes
- ▶ Roadway Design at 95% Level
- ▶ Water and Sewer Utilities reconstruction design at 100% level: Project EN1208A
- ▶ Coordinating with Utility Companies to relocate utilities in conflict

Right-of-Way

- ▶ Agent: Smith-Roberts Land Services, Inc.
- ▶ Cost: \$148,650 (including change orders for appraisal review and additional easements);
 - ▶ Paid: \$99,831.13; Remaining: \$48,818.87
- ▶ Council awarded a Contract on July 28, 2020.
- ▶ Four outstanding easements to be acquired

W. GORE BOULEVARD (67TH TO 82ND) PROJECT EN1208

Construction

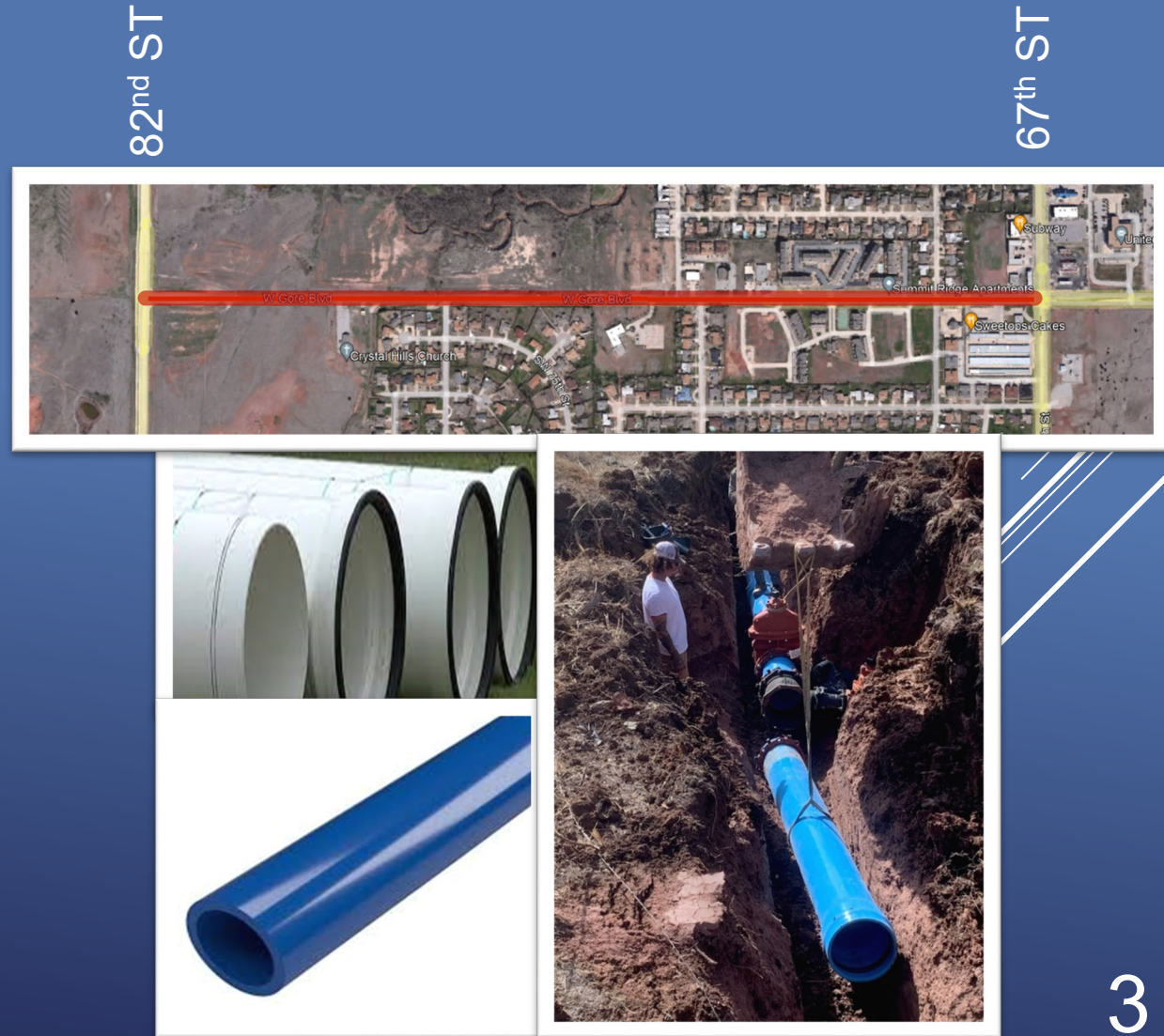
- ▶ Joint ODOT Project (80% contribution towards construction)
- ▶ Estimated Construction Cost: \$8,988,120
 - ▶ ODOT: \$5,971,191
 - ▶ City: \$3,016,929
- ▶ Available Funds: \$3,808,060.47
- ▶ ODOT NEPA categorical exclusion received
- ▶ Funding Source: 2015 CIP (rolled over to 2019 CIP/Propel)

W. GORE BLVD WATERLINE AND SEWERLINE RECONSTRUCTION

82ND ST TO 67TH ST

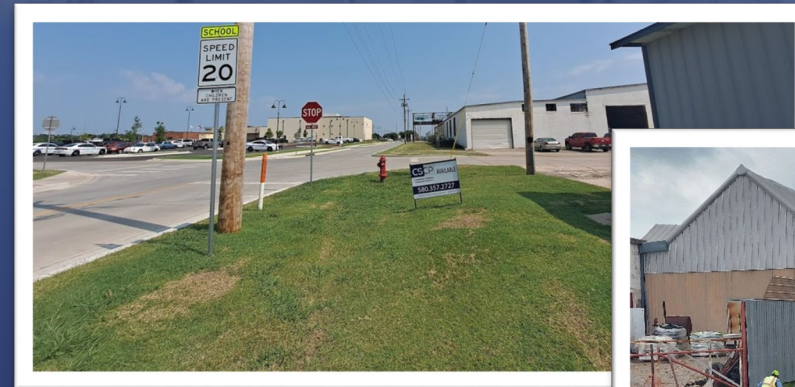
PROJECT EN1208A

- ▶ Consultant: Dewberry Engineering, Inc.
- ▶ Contractor: Charlie's Backhoe Demolition & Septic, Inc.
- ▶ Construction Cost: \$1,854,805.40
 - ▶ Paid: 1,244,602.74; Remaining: \$610,202.66
- ▶ Includes:
 - ▶ Replacement of 12-inch waterline & 8-inch and 12-inch Sanitary Sewer lines along Gore Blvd from 82nd ST to 67th ST
- Notice to Proceed: April 04, 2022
- Status:
 - ✓ 60% Complete; currently installing sewer lines and water lines
- Contractual End Date: November 15, 2022
- ▶ Funding Sources: 2015 CIP (rolled over to 2019 CIP/Propel)



LARRANCE STREET DRAINAGE IMPROVEMENTS (SW B AVE TO SW D AVE) PROJECT EN1406A

- ▶ Consultant: Dewberry Engineering, Inc.
- ▶ Contractor: MTZ Construction, Inc.
- ▶ Construction Cost: \$525,978.50
 - ▶ Paid: 499,248.20; Remaining: \$26,730.30
- ▶ Includes:
 - ▶ Storm drain and ditch grading on east side of Larrance ST from SW B Ave to SW D Ave to mitigate flooding issues by Larrance ST and B Ave intersection
- Notice to Proceed: February 14, 2022
- Status:
 - ✓ 98% Complete
 - ✓ Final inspection held on August 4, 2022
 - ✓ Working on punch list items and final quantity reconciliation
- Original Contract End Date: May 15, 2022
- Revised Contract End Date: July 10, 2022
- ▶ Funding Sources: 2012 CIP and 2016 CIP (rolled over to 2019 CIP/Propel)



EAST GORE BLVD./I-44 PEDESTRIAN BRIDGE PROJECT EN1604

- ❑ Council authorized funding on August 22, 2017
- ❑ Council approved Contract with ODOT hiring CEC Engineering for design on October 9, 2018
- ❑ Joint ODOT/COL Project
 - ❑ Design & Construction – Federal Funding (Transportation Alternatives Program)
- ❑ Meeting with CEC – July 2020
- ❑ Design concept changed to dual span standalone pedestrian bridge
- ❑ Received Land Access Permit for NEPA Study from Fort Sill Apache Tribe in April 2021
- ❑ Design is complete; working on Right-of-way acquisition and coordinating with utility companies
- ❑ City-ODOT Urban Funding Agreement is on August 9, 2022 meeting for approval.
- ❑ Funding Sources: Federal Funding, ADA Compliance Fund, Fund 35 and Propel



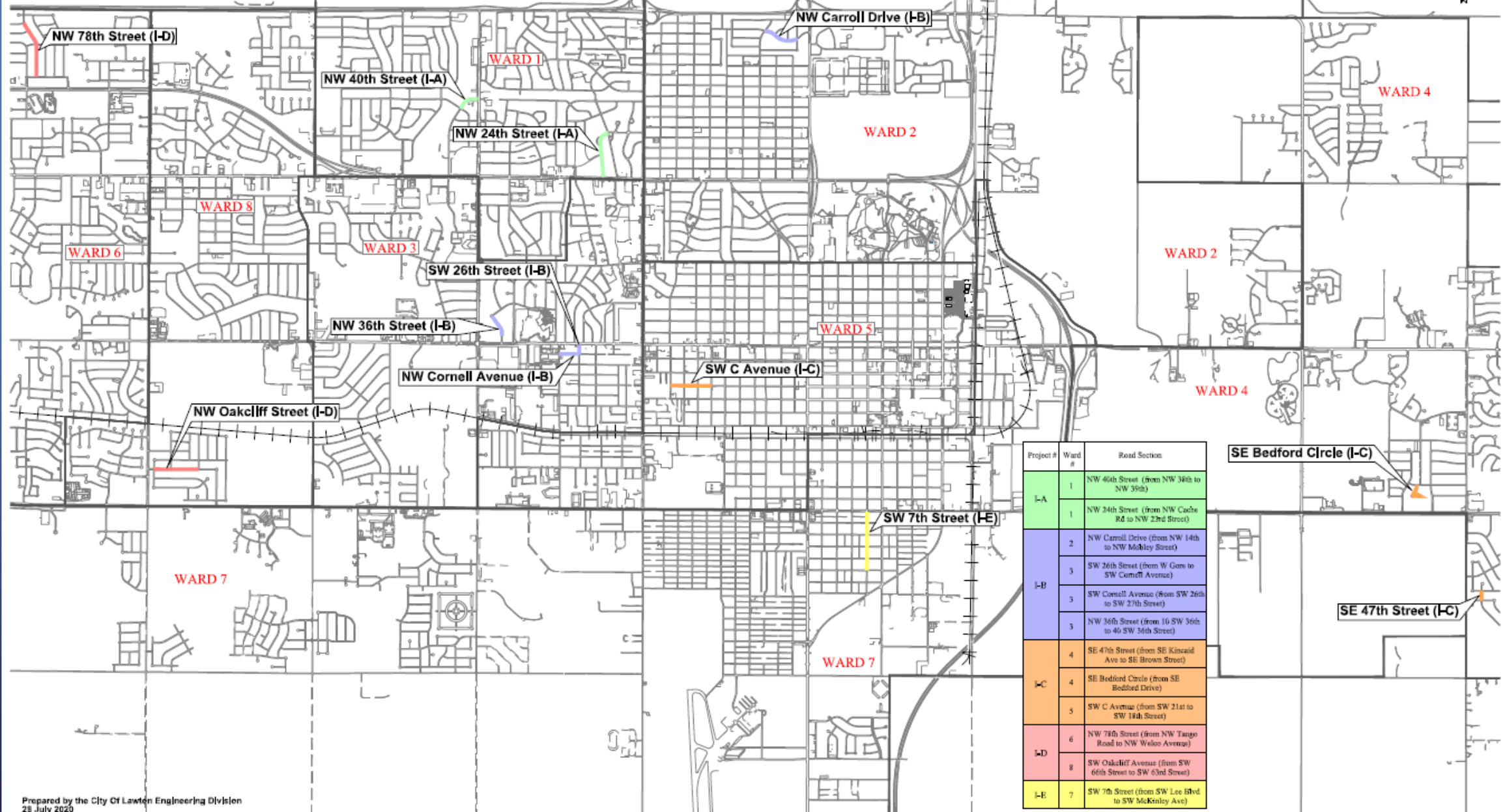
	Date Executed/ Based	Total	Federal \$	Fed %	COL \$	COL %
TAP Project Application	07/30/16	\$1,300,000	\$700,000	54%	\$600,000	46%
Design Fees	10/09/18	\$191,911	\$153,529	80%	\$38,382	20%
Total Actual Construction Share	6/22/22	\$1,870,988 (includes 6% ODOT Inspection Fees)	\$1,010,334	54%	\$860,654	46%
Overall Project Share* <small>*Based on estimated cost base date 6/22/22</small>	6/22/22	\$2,062,899	\$1,163,863	56%	\$899,036	44%

2017 AD VALOREM STREET AND ROADS PROGRAM (RESIDENTIAL), PHASE I - PROJECT NO. EN1707

- ▶ Contract awarded to Freese and Nichols, Inc. on June 12, 2018
- ▶ Contract includes the design of twelve (12) roadway improvement sections in eight different wards
- ▶ Design Cost: \$505,572.00; Revised Cost: \$606,328.00 (project split and easements)
- ▶ November 12, 2019, Council split the project into five (5) sub-projects, approximate value of \$1.5 million each
- ▶ Total Construction Cost (Concrete Paving): \$8,982,204.58
- ▶ Funding Source: Streets & Roadway GOBOND (Ad Valorem)

Project No.	Ward No.	Road Section	Map No.	Status	Total Construction Cost (Concrete Paving)
I-A	1	NW 40th Street (from NW 38th to NW 39th)	9SE	Under Construction	\$1,784,358.80
	1	NW 24th Street (from NE Cache Rd to NW 23rd Street)	10E		
I-B	2	NW Carroll Drive (from NW 14th to Mobley St)	11NE	Final Inspection	\$2,001,278.00
	3	SW 26th Street (from W Gore to SW Cornell Ave)	40NE		
	3	SW Cornell Avenue (from SW 26th to SW 27th Street)	40NE		
	3	NW 36th Street (from 10 NW 36th to 40 NW 36th)	27SW		
I-C	4	SE 47th Street (from SE Kincaid Ave to SE Brown St)	53	Under Construction	\$2,089,164.20
	4	SE Bedford Circle (from SE Bedford Dr.)	45SE		
	5	SW C Avenue (from SW 21st to SW 18th)	41NW		
I-D	6	NW 78th Street (from NW Tango Rd to NW Welco Ave)	7NW	Final Inspection	\$2,190,085.96
	8	SW Oakcliff Avenue (from SW 66th to SW 63rd)	38SW		
I-E	7	SW 7th street (from SW Lee Blvd to SW McKinley Ave)	57NW	Complete	\$917,317.62
Total					\$8,982,204.58

2017-07 Ad Valorem Residential Street Project, Phase 1





PHASE I-D

▪ MTZ Construction, Inc

Cost	
Construction Cost	\$2,006,636
With Change Orders	\$2,190,085.96
Invoice Paid to Contractor	\$1,872,959.66

▪ Roadway Sections:

- ❖ **Ward 6** - NW 78th Street (NW Tango Rd to NW Welco Ave)
- ❖ **Ward 8** - SW Oakcliff Avenue (SW 66th ST to SW 63rd ST)

▪ Notice to Proceed: October 12, 2020

▪ Status:

- ✓ Overall 98% Complete
- ✓ Working on punch list items and final quantity reconciliation

▪ Original Contractual End Date: December 10, 2021

▪ Revised Contractual End Date: June 08, 2022

▪ Funding Source: Streets & Roadway GOBOND (Ad Valorem)

PHASE I-E



- **AE Construction, LLC**

Cost	
Construction Cost	\$1,048,476
With Change Orders & Amendments	\$917,317.62
Invoice Paid to Contractor	\$917,317.62

- **Roadway Section:**

- ❖ **Ward 7 - SW 7th Street** (SW Lee Blvd to SW McKinley Ave)

- **Notice to Proceed: October 12, 2020**

- **Status:**

- ✓ 100% Complete

- **Contractual End Date: August 2, 2021**

- **Final Inspection Date: August 3, 2021**

- **Council accepted the project on October 12, 2021**

- **Funding Source: Streets & Roadway GOBOND (Ad Valorem)**

PHASE I-B

■ MTZ Construction, Inc

Cost	
Construction Cost	\$1,932,807
With Amendment & Change Order	\$2,001,278.00
Invoice Paid to Contractor	\$1,744,539.19

■ Roadway Sections:

❖ **Ward 2** – NW Carroll Drive (NW 14th to Mobley ST)

❖ **Ward 3** –

❖ SW 26th Street (W Gore to SW Cornell Ave)

❖ SW Cornell Ave (SW 26th ST to SW 27th ST)

❖ NW 36th Street (10 NW 36th to 40 NW 36th)

❖ **Ward 1** –

❖ Amendment No.1 & Change Order No. 1 includes NW Santa Fe Ave sidewalk into the contract

■ Notice to Proceed: January 11, 2021

■ Status:

✓ 98% Complete

✓ Final Inspection held on April 27, 2022; working on final quantity reconciliation

■ Funding Source: Streets & Roadway GOBOND (Ad Valorem)



PHASE I-C

- A-Tech Paving, Inc.

Cost	
Construction Cost	1,975,443.55
Invoice Paid to Contractor	\$1,797,918.76

- Roadway Sections:

- ❖ **Ward 4 –**

- ❖ SE 47th Street (SE Kincaid Ave to SE Brown ST)
 - ❖ SE Bedford Circle

- ❖ **Ward 5 - SW C Ave (SW 21st ST to SW 18th ST)**

- Notice to Proceed: August 9, 2021

- Status:

- ✓ Overall 80% Complete
 - ✓ SE Bedford Cr and 47th ST are done; working on storm drain installation and roadway construction on SW C Ave

- Contractual End Date: October 28, 2022

- Funding Source: Streets & Roadway GOBOND (Ad Valorem)

PHASE I-A

- AE Construction, Inc

Cost	
Construction Cost	\$1,751,746
With Amendment & Change Order	\$1,784,358.80
Invoice Paid to Contractor	\$1,066,286.23

- Roadway Sections:

- ❖ **Ward 1 –**

- ❖ NW 40th Street (NW 38th Street to NW 39th Street)
 - ❖ NW 24th Street (NE Cache Rd to NW 23rd Street)

- Notice to Proceed: September 7, 2021

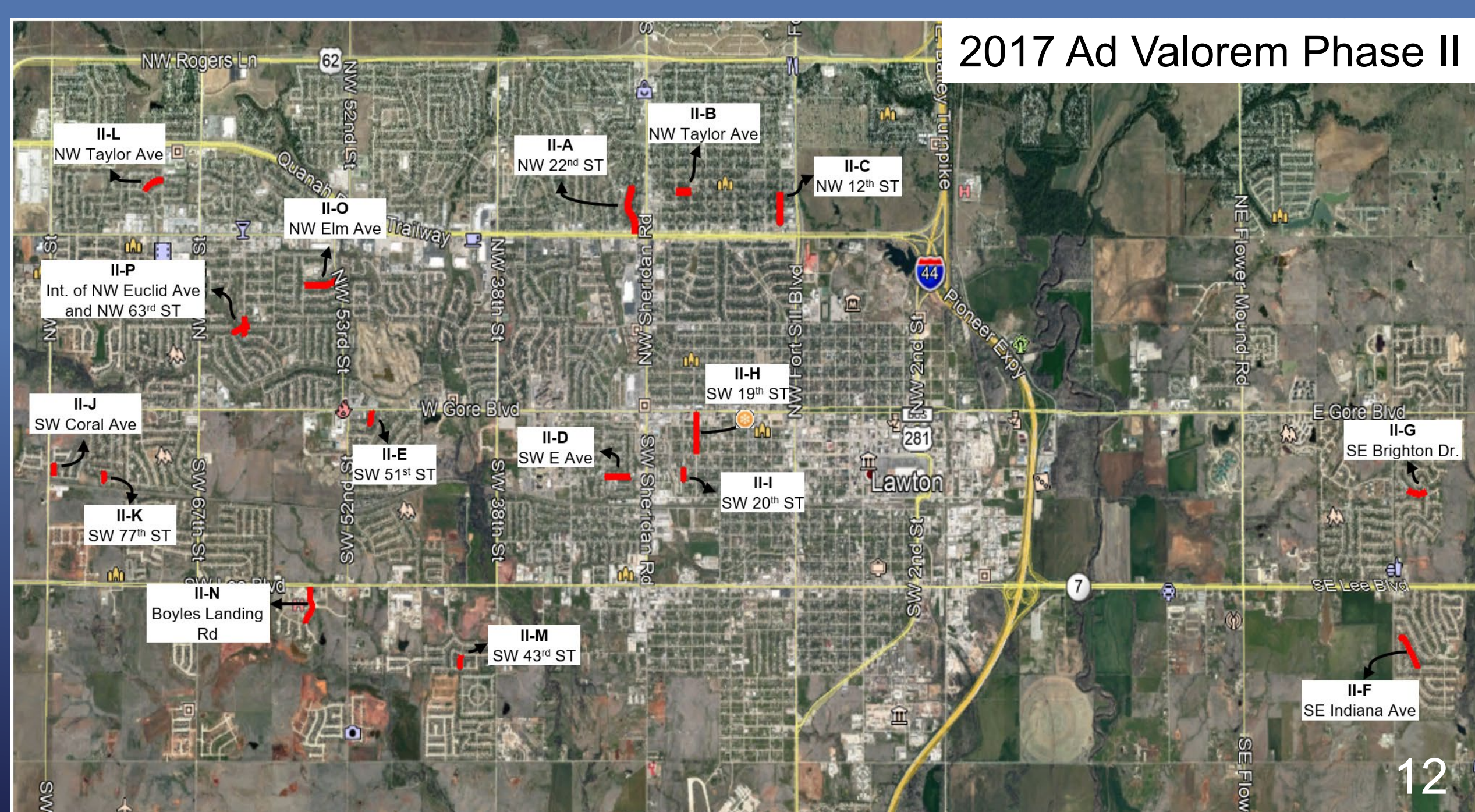
- Status:

- ✓ Overall 60% complete
 - ✓ NW 40th St – Completed
 - ✓ Working on NW 24th St

- Contractual End Date: October 30, 2022

- Funding Source: Streets & Roadway GOBOND (Ad Valorem)

2017 Ad Valorem Phase II



Project No.	Ward No.	Road Sections	Map No.
II-A	3	SW 51st ST (Gore Blvd southwest approximately 450-ft to between #10 and #12 SW 51st ST)	39 NW
	6	SW Coral Ave (Forest Ave to Boatsman Ave)	37 NW
		SW 77th ST (Forest Ave to Delta Ave)	37 NW
		NW Taylor Ave (Hunter Rd to 72nd ST)	07 SE
	7	SW 43rd ST (Wolf ST to Wendy Dr)	60 NE
		Boyles Landing Rd (Pamela Ln to Lee Blvd)	61 NE
	8	NW Elm Ave (53rd ST to 57th ST)	29 NE
		Intersection of NW Euclid Ave and NW 63rd ST	29SW
II-B	1	NW 22nd ST (Cache Rd to Baltimore Ave)	10 SE
	2	NW Taylor Ave (18th ST to 19th ST)	11 SW
		NW 12th ST (Taylor Ave to Lawton Ave)	11 SE
	3	SW E Ave (23rd PI to 25th ST)	40 NE
	4	SE Indiana Ave (Kincaid Ave to 1608 Indiana Ave)	53 NW
		SE Brighton Dr (Meiling Dr to Brighton PI)	46 NW
	5	SW 19th ST (Gore Blvd to C Ave)	41 NW
		SW 20th ST (E Ave to D Ave)	41 NW

2017 AD VALOREM STREET AND ROADS PROGRAM (RESIDENTIAL), PHASE II - PROJECT NO. EN1707P2

- ❑ Freese and Nichols, Inc. Contract was amended to add Phase II on March 12, 2019
- ❑ Contract includes the design of fifteen (15) roadway improvement sections and one intersection in eight different wards
- ❑ Design Cost: \$596,795; Revised Cost: \$693,155 (Easement & Project Split)
- ❑ Design at 60% level
- ❑ Currently working on Right-Of-Way acquisition (approximately 115 easements; 69% acquired) and utilities relocations
- ❑ Amendment No. 5 was approved on February 08, 2022, council meeting for splitting the project into two-sub projects
- ❑ Estimated Construction Cost: \$9,700,000
- ❑ Funding Source: Streets & Roadway GOBOND (Ad Valorem)

REHABILITATION OF NEAL AND ARD STREET PROJECT NO. EN1904

- ◆ T&G Construction, Inc.
- ◆ Cost: \$1,276,177.45
- ◆ Council awarded a Contract at the April 27, 2021 meeting
- ◆ Notice to Proceed: May 17, 2021
- ◆ Status:
 - ✓ 100% Complete
- ◆ Contractual End Date: January 23, 2022
- ◆ Revised Contractual End Date: February 23, 2022
- ◆ Final Inspection Date: February 09, 2022
- ◆ Council accepted the project on May 24, 2022 council meeting
- ◆ Funding Sources: Industrial Improvement Funds (\$1.0 million) and 2016 CIP

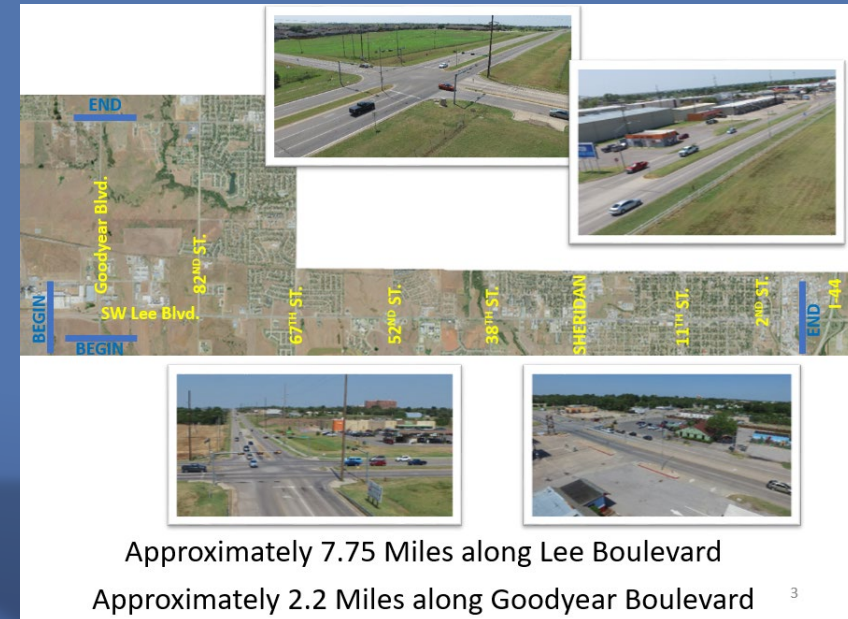


Project includes:

- Reconstruct intersection at Neal Blvd and Ard St.
- Mill and Overlay of Neal Blvd and Ard St.
- Drainage improvement at Ard St.

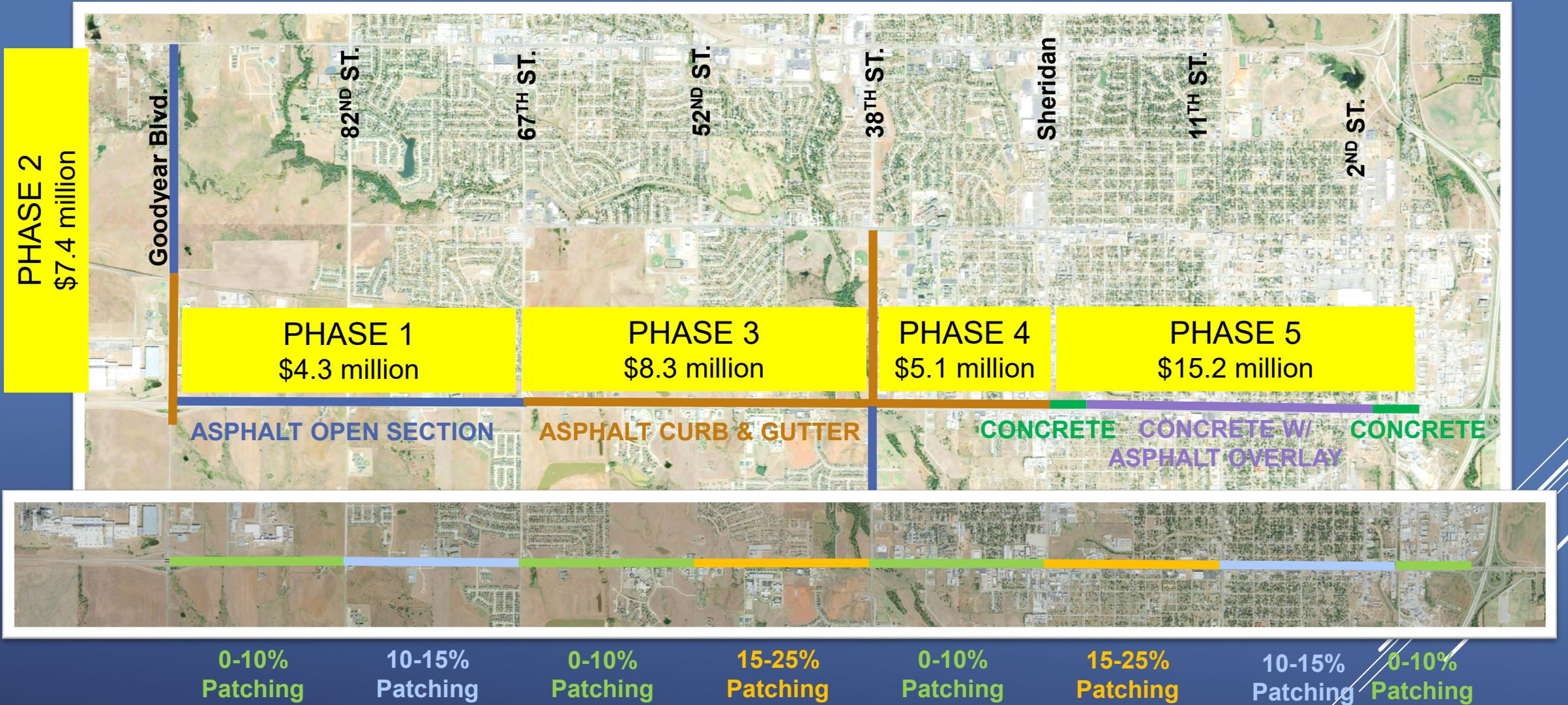
REHABILITATE LEE BLVD – 97TH ST (GOODYEAR BLVD.) TO I-44 PROJECT EN2002

- ❑ Council approved a contract with EST, Inc., for Corridor Pavement Evaluation Study on September 08, 2020.
- ❑ Cost: Contract Amount: \$232,700
Task Order #4: \$4,590
Revised Amount: \$237,290
- ❑ Study Limits:
 - SW Lee Boulevard approximately 0.75 miles West of Goodyear Boulevard and extends approximately 8.6 miles East
 - Goodyear Boulevard beginning approximately 0.1 miles south of Lee Boulevard and extending approximately 2.1 miles North
 - Includes collection of existing information (as-built plans, traffic data, accident history), distress survey, pavement coring, geotechnical report and pavement recommendations, cost estimates



- ❑ Study 100% Complete; Report Finalized
- ❑ Phase-1 Lee Blvd. Resurfacing Plans (SW 67th ST to SW 97th ST)
Project No. EN2002A: 100% complete
- ❑ Funding Source: Propel

PHASE 2
\$7.4 million



- Recommendations:
 - Cold mill and overlay for asphalt sections.
 - Replace panels and crack seal for concrete section.

PAVEMENT RESURFACING, LEE BLVD PHASE I (SW 67TH ST TO SW 97TH ST) PROJECT NO. EN2002A

- Consultant: EST, Inc.
- Contractor: T&G Construction, Inc.
- Cost: \$2,855,300.03 (\$855,300.03 Lawton's share)
 - Paid: \$688,842.47; Remaining: \$2,166,457.56
- Council awarded the contract on April 12, 2022
- Notice to Proceed: May 16, 2022
- Awarded with \$2.0 million EDA grant for SW 97th ST to 38th ST section through ASCOG
- Funding Sources: EDA Grant (\$2.0 million) and Propel



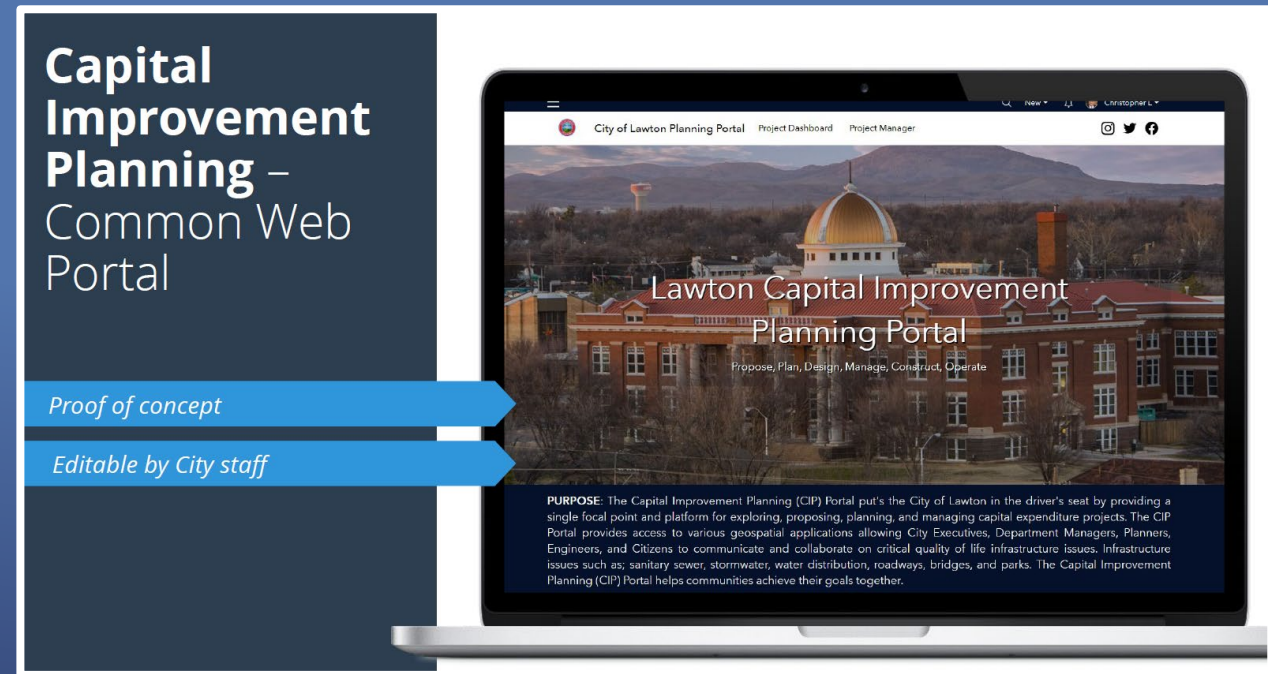
CITY HALL RENOVATION PROJECT EN2004A

- ▶ EST Inc. providing Project Management Services
 - ▶ Cost: \$26,600
- ▶ Design Consultant: MA+ Architecture
 - ▶ Schematic design approved by City Council: July 13, 2021
 - ▶ Schematic design (Preliminary Report) fees: \$67,500
 - ▶ Estimated costs, including Construction Costs, A&E fees and FF&E costs: \$6,734,087.13 (Includes base bid + Alternate Package I)
 - ▶ Amendment No.1 approved by Council on September 28, 2021 to include final design & construction services into MA+ Architecture contract in the amount \$328,515
- ▶ Agreement between City of Lawton and CMS Willowbrook, Inc. for Construction Manager at Risk (CMAR) Services for the Project EN2004A City Hall Renovation with a construction budget not to exceed \$5,755,630.00 was approved at May 10, 2022, Council meeting.
- ▶ Design is at 95% level for final design comments. The estimated time required for this contract is 23 months
- ▶ Construction of the parking lot needs to take place prior to starting on other portions of the work, to provide adequate parking spaces for customers and Staff. Along with the parking lot plans, the Council at the June 28, 2022 council meeting, approved the purchase of the HVAC units required for the remodeling project.
 - ▶ Bid Opening held on July 27, 2022
- ▶ Funding Source: Propel



PROPEL CIP PROGRAM PLANNING PROJECT EN2009

- ❑ Consultant: Garver, Inc.
- ❑ Fee: \$543,540; Paid: \$426,462.90
- ❑ Council awarded contract on 23rd February 2021
- ❑ Includes development of a process to prioritize and budget projects to implement a city-wide CIP
- ❑ Kick-off meeting took place on April 16, 2021
- ❑ Project is 95% complete
- ❑ Finalized Business Case Evaluation form and scoring matrix
- ❑ Working on ranking/prioritizing, budgeting projects for the next five fiscal years
- ❑ Funding Source: Propel



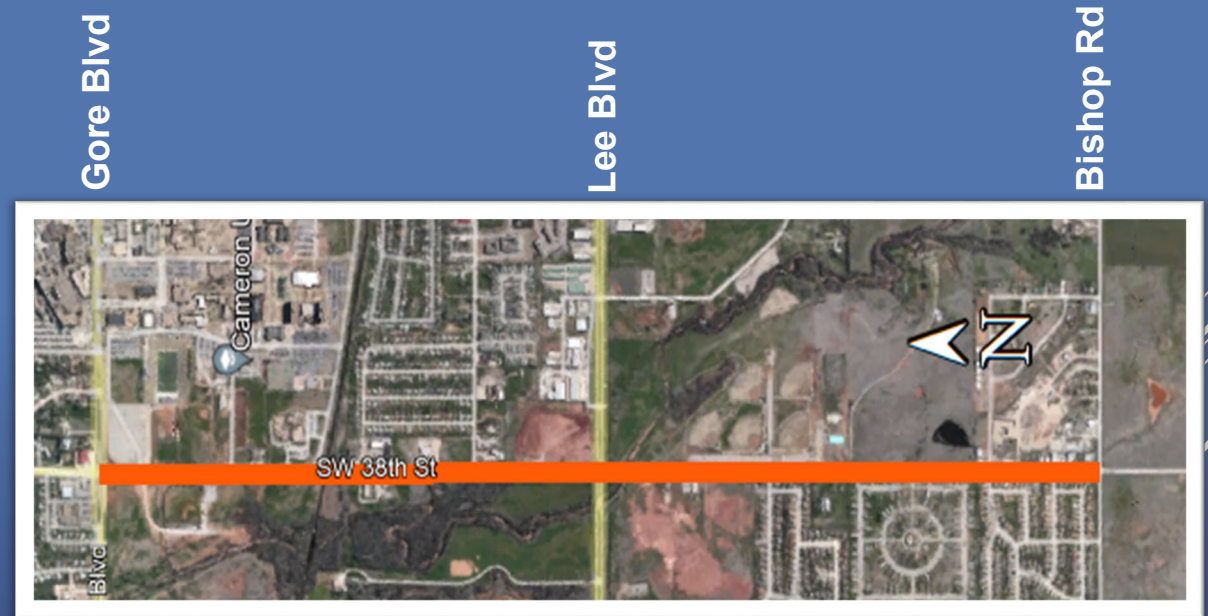
*Source: Garver; Meshek & Associates

AD VALOREM PHASE III

SW 38TH ST – BISHOP RD TO GORE BLVD.

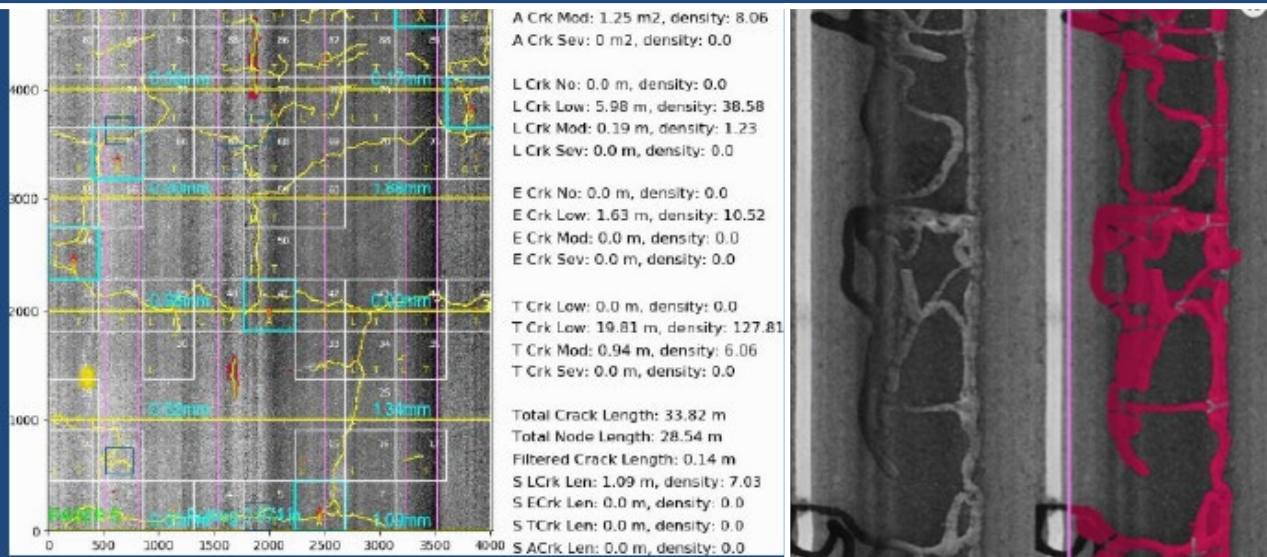
PROJECT NO. EN2102

- Consultant: EST, Inc.
- Council awarded the design contract on September 14, 2021
- Design Cost: \$406,770
- Design at 30% level
- Includes:
 - Geotechnical investigations and pavement design
 - Right-of-way and utility relocation coordination; and
 - Design and preparation of construction plans for approximately 2 miles section from Gore Blvd to Bishop Rd.
- Funding Source: Streets & Roadway GOBOND (Ad Valorem)



PAVEMENT ASSESSMENT PROGRAM PROJECT EN2103

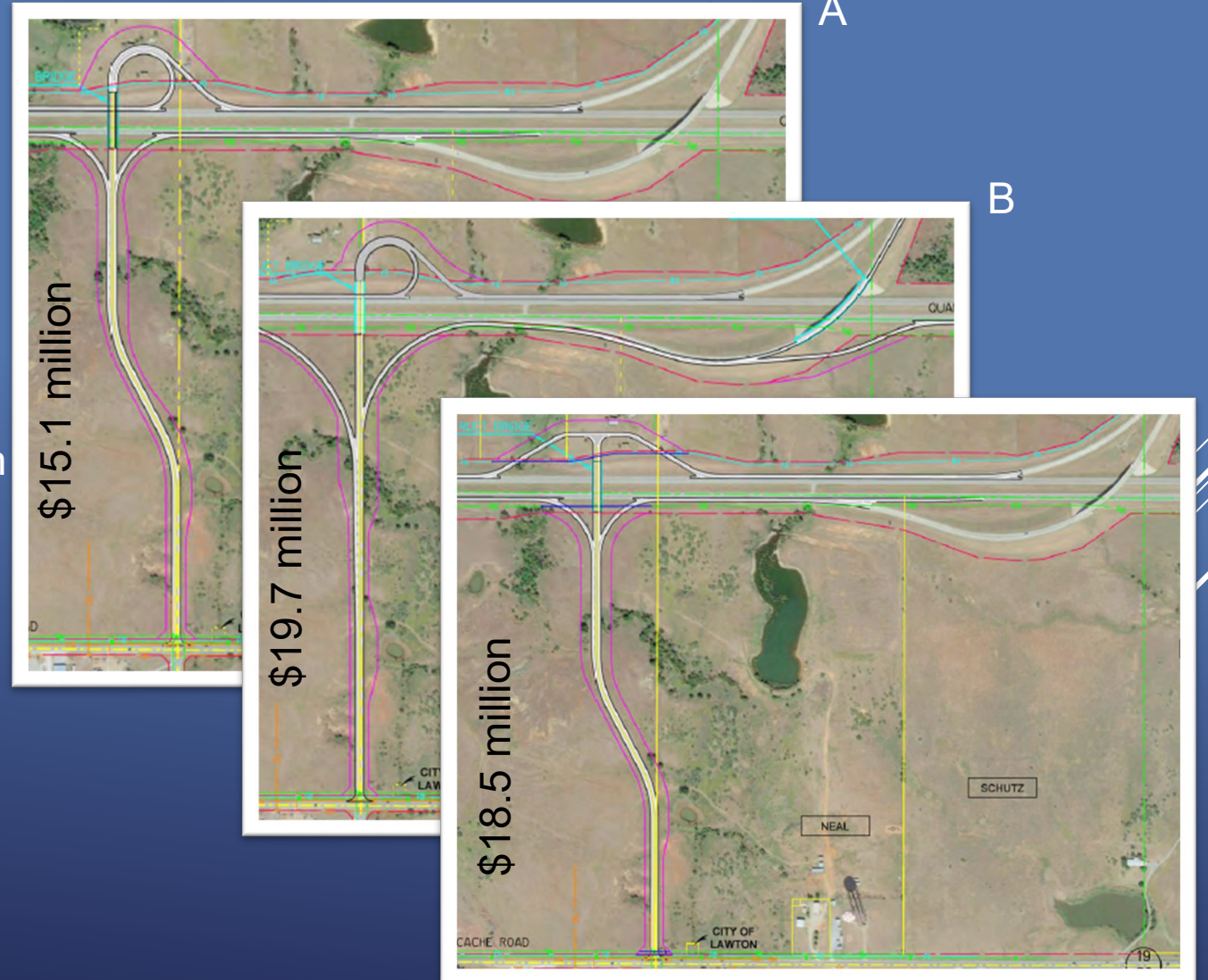
Data Collection
Vehicle
LCMS-2



- ▶ Request for Proposal was sent out on June 21, 2021
- ▶ Cost: \$450,616
 - ▶ Paid: \$142,848.00; Remaining: \$307,768.00
- ▶ Includes:
 - ▶ Pavement Condition Data Collection and Processing
 - ▶ Loading Pavement Data into ESRI ARC GIS
 - ▶ Pavement Analysis and Budget Development
- ▶ Submission Deadline: August 04, 2021
- ▶ Received proposals from three different firms
- ▶ Selected Consultant: **Infrastructure Management Services, LLC**
- ▶ Council awarded the contract on January 11, 2022 council meeting
- ▶ Status:
 - ▶ Deflection testing is completed; condition data of pavements is completed
 - ▶ working on analyzing condition data and processing deflection data
- ▶ Funding Source: Propel

GOODYEAR BOULEVARD EXTENSION TO US-62 INTERCHANGE PROJECT EN2104

- ▶ Consultant: EST, Inc.
- ▶ Design Cost: \$1,185,610
- ▶ Design contract with EST, Inc. is on August 23, 2022, Council meeting; Selected Option G as the preferred Alternative
- ▶ ODOT-City funding share for Construction: 80%-20%
- ▶ Funding Source: Propel



ON CALL CITYWIDE SIDEWALK CONTRACT PROJECT EN2107

- ▶ To construct sidewalk around the city with overall project amount of One Million Dollars (\$1,000,000) at the contract unit prices bid and to be constructed within a period of one year.
- ▶ Council awarded construction contract to MTZ Construction, Inc. for the On-Call Citywide Sidewalk - Project EN2107 at February 8, 2022, meeting.
- ▶ Notice to Proceed: April 11, 2022
 - ▶ Work Order No. 1: Sheridan Rd. from NW Cache Rd. to NW Smith Ave. was completed on June 23rd (27 days ahead of schedule)
 - ▶ Work Order No. 2: Gore Blvd. from NW 53rd Street to NW 67th Street began construction on June 24th (150 days) and is now approximately halfway completed
 - ▶ Work Order No. 3: NW 53rd Street from Gore Blvd. to Cache Rd. is currently under design
- ▶ Groundbreaking Ceremony was held on April 21, 2022.
- ▶ Funding Sources: MM sales tax proceeds, Propel



McMAHON MEMORIAL AUDITORIUM ADDITION AND RENOVATION, PHASE 1

PROJECT EN2108P1

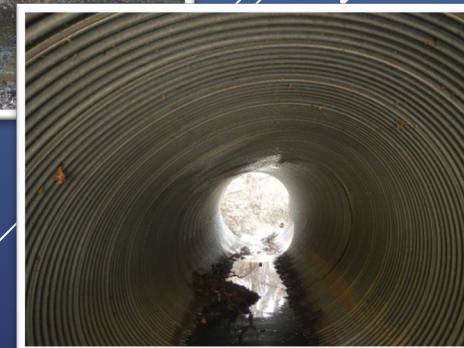
- Design Consultant: C.H. Guernsey
 - Design fees: \$328,950
- Design contract includes the design elements for ADA requirements, HVAC Systems upgrades along with associated landscaping to meet the current building code requirements
- Council awarded contract to C.H. Guernsey at the June 8, 2021 meeting
- Held kick-off meeting on July 15, 2021
- Working on final design and construction delivery package
- Agreement between City of Lawton and CDBL, Inc. for Construction Manager at Risk (CMAR) Services for the Project EN2108P1 McMahon Auditorium and Renovation, Phase 1 with a construction budget not to exceed \$4.0 million was approved at May 10, 2022, Council meeting.
- Status: Working on final design and construction delivery package. The estimated time required for this contract is 16 months.
- Funding Source: Propel

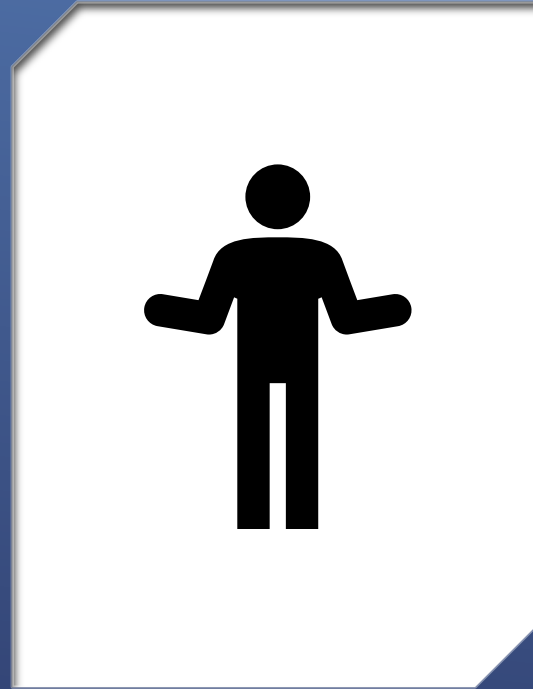


BRIDGE PROJECTS – REPLACEMENT & REHABILITATION

PROJECT EN2106

- ▶ Replace Bridges **M94-2** and **M94-3** on 11th Street
 - ▶ Design Consultant: H.W. Lochner
 - ▶ **Fees: \$492,703**
 - ▶ Total Estimated Project Cost:
 - ▶ For M94-2 & M94-3: \$5,300,000
 - ▶ Funding Source: Propel
- ▶ Rehabilitation Bridges **M09-1** and **M09-2** on Cache Road over Wolf Creek
 - ▶ Design Consultant: H.W. Lochner
 - ▶ **Fees: \$65,900**
 - ▶ Total Estimated Project Cost:
 - ▶ For M09-1 & M09-2: \$1,150,000
 - ▶ Funding Source: Propel
- ▶ Replace Bridge **M14-4** on NE 29th St over Wrattan Creek
 - ▶ Design Consultant: H.W. Lochner
 - ▶ **Fees: \$59,900**
 - ▶ Funding Source: Propel





QUESTIONS?