

CITY COUNCIL CONFERENCE

**MUNICIPAL BUILDING CONFERENCE ROOM
201 WEST GRAY, NORMAN, OK**

NOVEMBER 1, 2018

5:30 P.M.

- 1. CONTINUED DISCUSSION OF THE TRANSPORTATION AND STORMWATER BOND PROGRAMS AND FINALIZING THE SCOPE OF PROJECTS.**
- 2. DISCUSSION REGARDING POSSIBLE ELECTION DATES FOR THE TRANSPORTATION BONDS AND STORMWATER PROGRAM.**

Future Transportation Bond Issue Program Details

City Council Study Session

November 1, 2018




Transportation/Stormwater Bond Issue – Schedule 3 Options

First Reading	Second Reading	Notice to Election Board	Election Date
January 8, 2019	January 22, 2019	January 31, 2019	April 2, 2019
November 27, 2018	December 11, 2018	January 3, 2019	March 5, 2019
November 27, 2018	December 11, 2018	December 13, 2018	February 12, 2019



Bond Proposal Costs

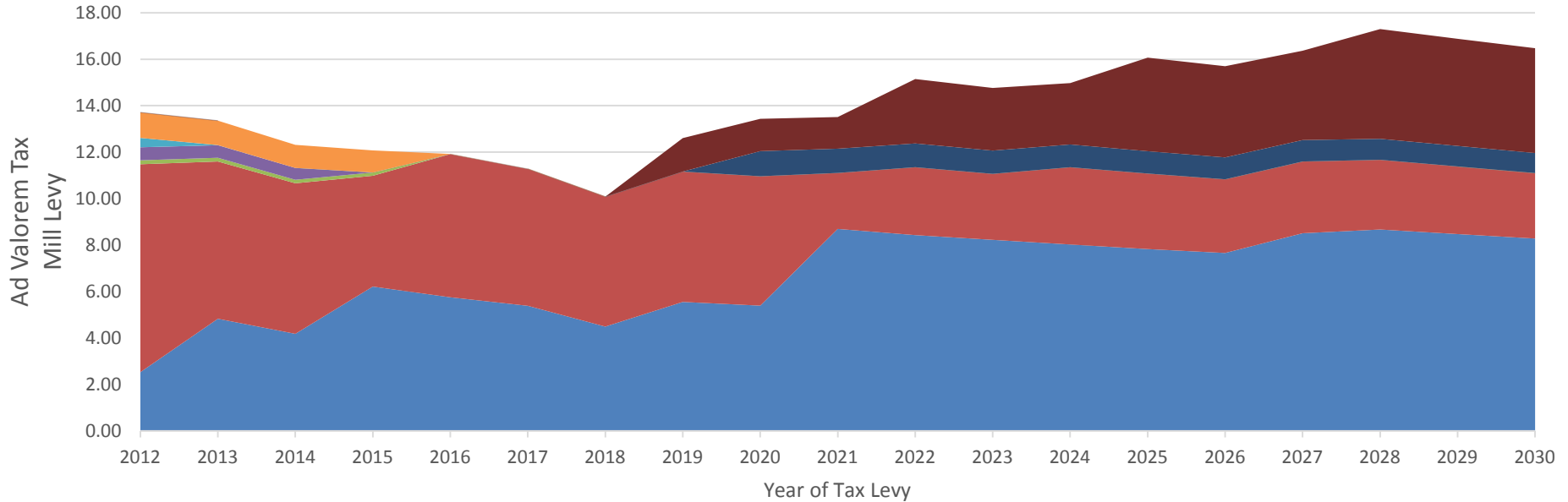
Proposition	Description	Federal Funds	Bond Funds	Total Cost
1	Transportation Projects Only with a blend of federally funded and locally funded projects	\$55 Million	\$70 Million	\$125 Million
2	Stormwater Projects Only locally funded	-	\$60 Million	\$60 Million
	Total	\$55M	\$130M	\$185M



City of Norman

GO Bond Mill Levy - Historical and Projected

(Projected includes \$70 Million for Major Street Projects, \$25 Million for Street Maintenance Projects, \$11.25 Million for Municipal Complex Project and \$60 Million for Stormwater Projects)



Major Street Projects
Library Improvements

Street Maintenance Projects
Animal Shelter

Fire Station Relocation
Municipal Complex Project

Siren System
Stormwater Projects

City of Norman

GOLTB Bond Mill Levy and Tax Impact Stormwater Projects - \$60 Million

Issued in Four Separate Bond Series: 2019 - \$15 Million, 2022 - \$15 Million, 2025 - \$15 Million and 2028 - \$15 Million
5 Mill Levy Cap

Levy Year	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Annual Average Over 20 Year Term
Mill Levy	1.44	1.36	1.31	2.61	2.49	2.39	3.58	3.42	3.28	4.35	4.16	3.99	2.56
Home Value	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Annual Tax Impact	\$15.83	\$15.00	\$14.40	\$28.73	\$27.39	\$26.31	\$39.33	\$37.59	\$36.09	\$47.88	\$45.78	\$43.92	\$28.16
Monthly Tax Impact	\$1.32	\$1.25	\$1.20	\$2.39	\$2.28	\$2.19	\$3.28	\$3.13	\$3.01	\$3.99	\$3.82	\$3.66	\$3.66
Home Value	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
Annual Tax Impact	\$24.47	\$23.18	\$22.25	\$44.40	\$42.34	\$40.67	\$60.78	\$58.09	\$55.78	\$74.00	\$70.75	\$67.88	\$43.52
Monthly Tax Impact	\$2.04	\$1.93	\$1.85	\$3.70	\$3.53	\$3.39	\$5.06	\$4.84	\$4.65	\$6.17	\$5.90	\$5.66	\$5.66
Home Value	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Annual Tax Impact	\$33.10	\$31.37	\$30.10	\$60.07	\$57.28	\$55.02	\$82.23	\$78.59	\$75.47	\$100.12	\$95.73	\$91.83	\$58.88
Monthly Tax Impact	\$2.76	\$2.61	\$2.51	\$5.01	\$4.77	\$4.59	\$6.85	\$6.55	\$6.29	\$8.34	\$7.98	\$7.65	\$7.65

Note: All Bonds would have a 20-year term, impacts shown through 2030 for planning purposes

Project List

Transportation Projects Only with a Blend of Federally and Bond Funded Projects

Resolution No.	Project Location	Description
TBD	Jenkins Avenue - Imhoff Road to Lindsey Street	Reconstruction and widening from two to four lanes with a landscaped median, multimodal paths and new traffic signal at the Timberdell Road intersection
R-1415-44	Porter Avenue and Acres Street (Porter Corridor)	Intersection reconstruction and widening to add dedicated left turn lane on Porter Avenue, closure of Daws Street and new traffic signal
R-1516-42	Main Street / Gray Street Two-Way Conversion	Traffic Signal Modifications, intersection widening, signage, striping and railroad crossing modifications
R-1516-49	James Garner Avenue Special Corridor - Phase 3 - Acres Street to Duffy Street	Reconstruction and widening from two to three lanes with multi-modal path
R-1516-50	Porter Avenue Streetscape	New curbs, sidewalks, decorative lighting, landscape, street furniture, etc.
R-1516-35	Cedar Lane Road - East of 24 th Avenue SE to 36 th Avenue SE	Reconstruction and widening from two to four / five lanes with bike lanes and new traffic signal at the 36 th Avenue SE intersection
R-1415-40	Lindsey Street Special Corridor (Pickard Avenue to Jenkins Avenue)	Curb and gutter, drainage improvements, sidewalks, and roadway widening to add Bike lanes
R-1516-41	Constitution Street - Jenkins Avenue to Classen Boulevard	Curb and gutter, storm sewer, widening and sidewalks
TBD	36 th Avenue NW - North of Indian Hills Road to Moore City Limit	Reconstruction and widening from two to four lanes with bike lanes and bridge replacement
R-1519-44	36 th Avenue SE - Cedar Lane Road to State Highway 9	Reconstruction and widening from two to four / five lanes with bike lanes
R-1519-46	24 th Avenue NE - Rock Creek Road to Tecumseh Road	Reconstruction and widening from two to four / five lanes with bike lanes with bike lanes and new traffic signal at Rock Creek Road
TBD	Tecumseh Road – 12 th Avenue NE to 24 th Avenue NE	Reconstruction and widening from two to four lanes with bike lanes
TBD	48 th Avenue NW - Phase 2 - Rock Creek Road to Tecumseh Road	Reconstruction and widening from two to three lanes with bike lanes
TBD	48 th Avenue NW - Phase 4 - Franklin Road to Indian Hills Road	Reconstruction and widening from two to three lanes with bike lanes and new traffic signal at Franklin Road
TBD	Indian Hills Road – 48 th Avenue NW to Interstate 35	Reconstruction and widening from two to four lanes with landscaped median, bike lanes and new traffic signal at 48 th Avenue NW
TBD	Traffic Management Center (TMC)	Control Center for monitoring of the transportation network (e.g., computers, software, furniture, etc.)
TBD	Rock Creek Road – Queenston Avenue / Bruckner Drive to 24 th Avenue NE	Reconstruction and widening from two to four / five lanes with bike lanes and multi-modal path



17 Projects

(Blend of 6 City-funded and 11 Federally-funded projects)

Bond Funds - \$69,609,560

Federal Funds - \$55,283,151

Total Cost - \$124,892,877

Implementation Time - 10 Years

Selection Criteria for Bond Funded Projects

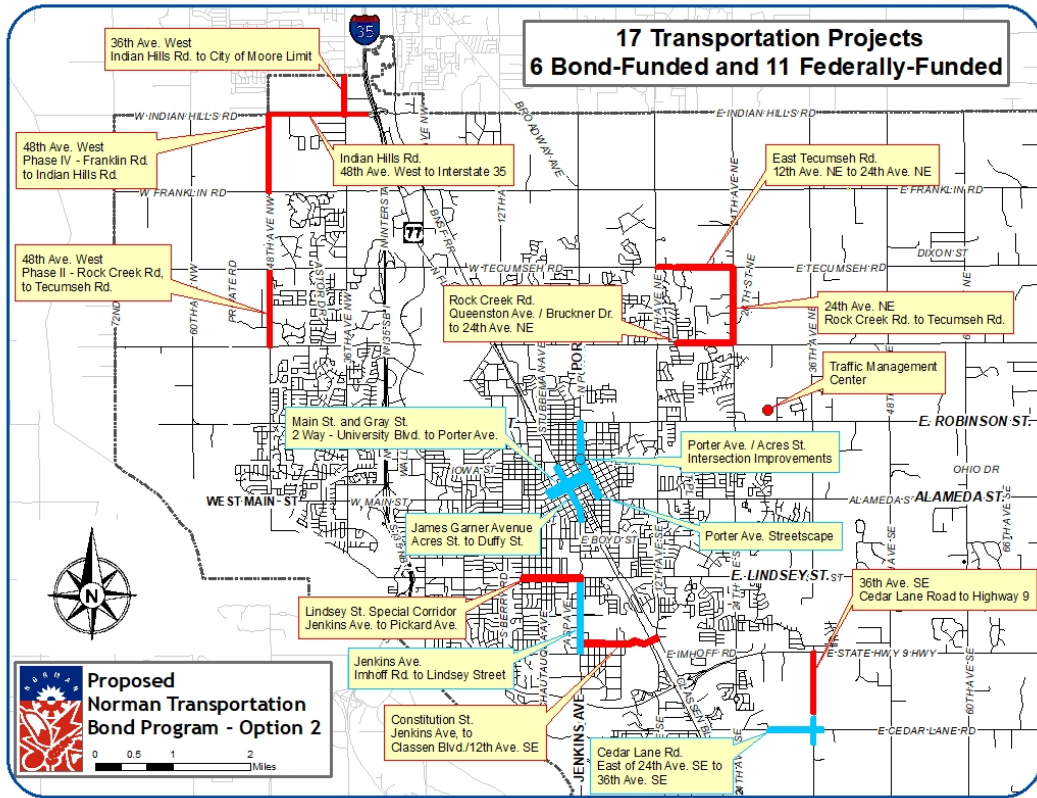
- **Higher Priority (e.g. Jenkins Avenue)**
- **Ready to Go (e.g., Porter / Acres Intersection, Cedar Lane Road)**
- **Federal funds difficult to secure (e.g., Main/Gray Two-Way Conversion)**

Project Costs

Transportation Projects Only with a Blend of Bond-Funded and Federally Funded Projects

Resolution No.	Project Location	Construction Cost (Federal Share)	Total Cost	Bond Cost
TBD	Jenkins Avenue - Imhoff Road to Lindsey Street		\$9,140,000	\$9,140,000
R-1415-44	Porter Avenue and Acres Street (Porter Corridor)		\$3,536,000	\$3,536,000
TBD	Main Street / Gray Street Two-Way Conversion		\$7,320,000	\$7,320,000
TBD	James Garner Avenue Special Corridor - Phase 3 - Acres Street to Duffy Street		\$6,000,000	\$6,000,000
TBD	Porter Avenue Streetscape		\$5,000,000	\$5,000,000
R-1415-40	Cedar Lane Road - East of 24 th Avenue SE to 36 th Avenue SE		\$11,704,892	11,704,892
TBD	Lindsey Street Special Corridor (Pickard Avenue to Jenkins Avenue)	\$1,792,000	\$2,490,000	\$698,000
TBD	Constitution Street - Jenkins Avenue to Classen Boulevard	\$1,600,000	\$2,200,000	\$600,000
R-1516-42	36 th Avenue NW - North of Indian Hills Road to Moore City Limit	\$5,835,200	\$8,444,000	\$2,608,800
R-1516-41	36 th Avenue SE - Cedar Lane Road to State Highway 9	\$6,038,906	\$8,722,632	\$2,683,726
TBD	24 th Avenue NE - Rock Creek Road to Tecumseh Road	\$6,272,000	\$9,240,000	\$2,968,000
TBD	Tecumseh Road – 12 th Avenue NE to 24 th Avenue NE	\$6,795,891	\$10,294,864	\$3,498,973
R-1519-44	48 th Avenue NW - Phase 2 - Rock Creek Road to Tecumseh Road	\$6,291,667	\$9,164,584	\$2,872,917
R-1519-46	48 th Avenue NW - Phase 4 - Franklin Road to Indian Hills Road	\$6,482,694	\$9,428,368	\$2,945,674
R-1516-49	Indian Hills Road – 48 th Avenue NW to Interstate 35	\$7,974,803	\$12,458,504	\$4,483,701
TBD	Traffic Management Center (TMC)	\$3,000,000	\$3,300,000	\$300,000
TBD	Rock Creek Road – Queenston Avenue / Bruckner Drive to 24 th Avenue NE	\$3,200,000	\$4,000,000	\$800,000
N/A	Program Management (~2% of Total)		\$2,448,877	\$2,448,877
Totals			\$55,283,161	\$124,892,877

Projects Map





Potential Stormwater Projects

(1 of 2)

Total Projects: 33

Bond Funds: \$59,563,869

Implementation Time: 20 Years

Selection Criteria for Projects:

- **City Rank**
 - **As specified in Storm Water Master Plan**
 - **Projects ranked #1 & 2 have been completed**
- **At least 3 projects in each Ward**
 - **Stormwater Citizen Committee Recommendation**

Project ID	Watershed	Ward	Project Location	Benefits of Completed Project	Estimated Cost
BC-10	Bishop Creek	1	Sinclair Dr and Beaumont Dr south of Boyd St and east of 12th Ave SE	Flood Reduction	\$2,606,948.00
BC-13	Bishop Creek	1	Behind Harbor Freight, south of Alameda on Triad Village Dr	Flood Reduction	\$922,153.00
BC-8	Bishop Creek	1	Lindsey Street south of Colonial Estates Park	Flood Reduction	\$844,794.00
CR-1	Canadian River	2	Intersection of Westbrooke Terrace Rd and Hollywood Street	Flood Reduction	\$919,988.00
IC-1	Imhoff Creek	2	South of State Highway 9 and east of S. Berry Rd	Flood Reduction and Water Quality Improvement	\$387,755.00
MC-1	Merkle Creek	2	At 24th Ave SW south of George Lynn Cross Dr	Flood Reduction	\$994,365.00
MC-2	Merkle Creek	2	At Main St between Merkle Dr and Hal Muldrow Dr	Flood Reduction	\$11,372,090.00
BHC-10	Brookhaven Creek	3	Intersection of Rambling Oaks Dr and Havenbrook St	Flood Reduction	\$1,714,545.00
BHC-2	Brookhaven Creek	3	At Main St between Lamp Post Rd and Willoway Dr	Flood Reduction and Water Quality Improvement	\$155,489.00
BHC-3	Brookhaven Creek	3	North of Main Street on the east side of Willow Branch Road	Flood Reduction and Water Quality Improvement	\$238,876.00
BHC-4	Brookhaven Creek	3	West of 36th Ave NW south of Hampton Ct	Flood Reduction and Water Quality Improvement	\$1,362,020.00
BHC-9	Brookhaven Creek	3	Intersection of Rambling Oaks Dr and Tall Oaks Circle	Flood Reduction	\$721,634.00
TMF-102	Ten Mile Flat Creek	3	West of 48th Ave NW and south of Robinson St	Flood Reduction	\$240,867.00
BC-3	Bishop Creek	4	South of Alameda St and S. Carter Ave	Flood Reduction and Water Quality Improvement	\$685,223.00
IC-3C	Imhoff Creek	4	Intersection of Boyd Street and Pickard Street	Flood Reduction	\$5,919,752.00
DBC-2	Dave Blue Creek	5	On 48th Ave SE north of Stonehenge Lane	Flood Reduction	\$373,494.00
RC-1	Rock Creek	5	On Robinson St east of 36th Ave NE	Flood Reduction	\$2,191,873.00



Potential Stormwater Projects

(2 of 2)

Total Projects: 33

Bond Funds: \$59,563,869

Implementation Time: 20 Years

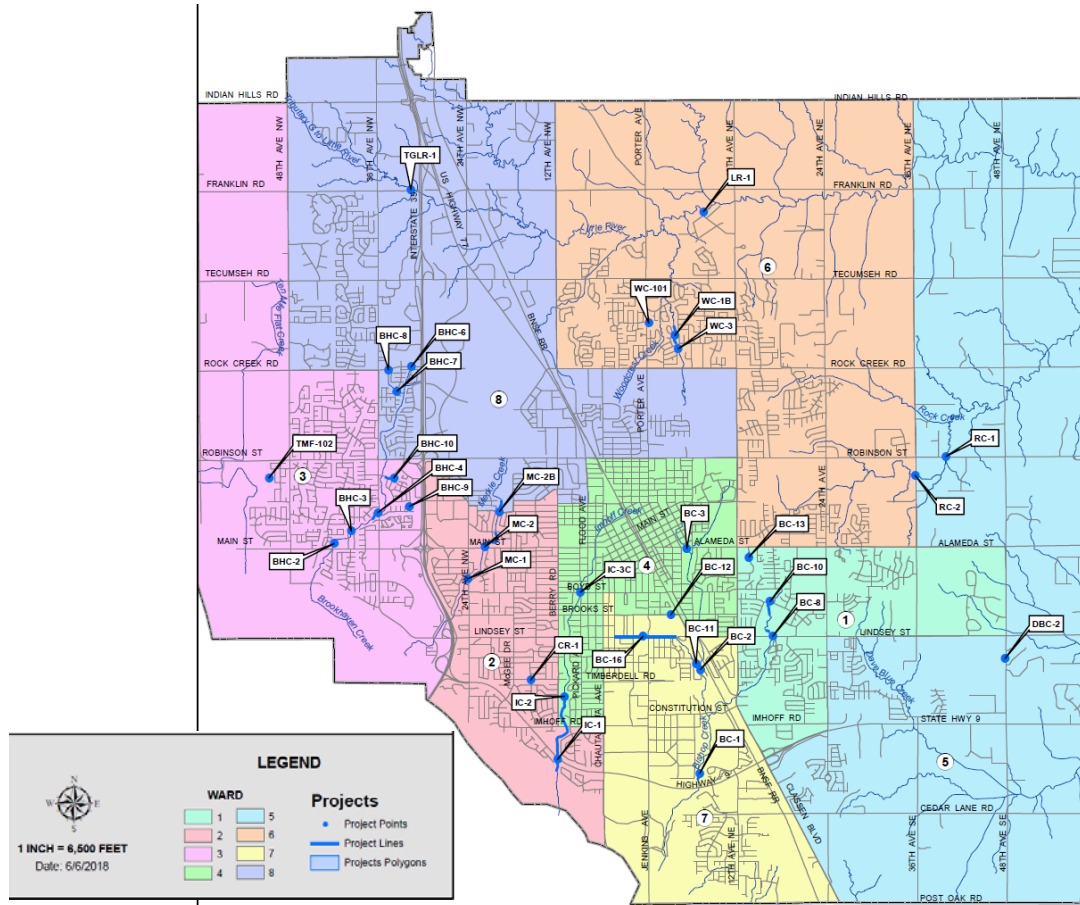
Selection Criteria for Projects:

- **City Rank**
 - **As specified in Storm Water Master Plan**
 - **Projects ranked #1 & 2 have been completed**
- **At least 3 projects in each Ward**
 - **Stormwater Citizen Committee Recommendation**

Project ID	Watershed	Ward	Project Location	Benefits of Completed Project	Estimated Cost
LR-1	Little River	6	North of Little River Rd west of 12th Ave NE	Flood Reduction and Water Quality Improvement	\$189,246.00
WC-101	Woodcrest Creek	6	East of the intersection Porter Ave and Highland Village Dr	Flood Reduction	\$374,500.00
WC-1B	Woodcrest Creek	6	North of Sequoyah Trail between Willow Creek Dr and Winding Creek Circle	Flood Reduction	\$984,624.00
WC-3	Woodcrest Creek	6	South of Sequoyah Trail between Willow Creek Dr and Winding Creek Circle	Flood Reduction and Water Quality Improvement	\$254,805.00
BC-1	Bishop Creek	7	North of State Highway 9 between Jenkins Ave and Marshall Ave	Flood Reduction and Water Quality Improvement	\$1,003,226.00
BC-11	Bishop Creek	7	South of Lindsey St north of The Reserve	Flood Reduction and Water Quality Improvement	\$813,256.00
BC-12	Bishop Creek	7	On East Brooks St between Trout Ave and the railroad tracks	Flood Reduction	\$756,333.00
BC-16	Bishop Creek	7	On Lindsey St between College St and the OU Duck Pond	Flood Reduction	\$6,801,424.00
BC-2	Bishop Creek	7	South of Lindsey St north of The Reserve	Flood Reduction and Water Quality Improvement	\$540,771.00
BHC-6	Brookhaven Creek	8	On Rock Creek Rd between Pendleton Dr and Interstate Dr	Flood Reduction	\$477,358.00
BHC-7	Brookhaven Creek	8	On Pendleton Dr west of Prairie Creek Park	Flood Reduction	\$242,752.00
BHC-8	Brookhaven Creek	8	On Rock Creek Road between 36th Ave NW and Pendleton Dr	Flood Reduction	\$594,754.00
TGLR-1	Trib G to Little River	8	On Franklin Rd near 24th Ave NW	Flood Reduction	\$1,518,138.00
IC-2	Imhoff Creek	2&4	South of Imhoff Rd between S. Berry Rd and Walnut Rd	Flood Reduction and Water Quality Improvement	\$10,042,186.00
MC-2B	Merkle Creek	2&8	On Iowa Street just west of Cleveland Elementary School	Flood Reduction	\$890,233.00
RC-2	Rock Creek	5&6	On 36th Ave NE between Robinson St and Alameda St	Flood Reduction	\$2,428,397.00

\$59,563,869.00

Potential Stormwater Project Locations Map



TRAFFIC MANAGEMENT, SPECIAL CORRIDORS AND STREETScape PROJECTS

Traffic Management Center (All Wards)

James Garner Avenue / Jenkins Avenue – Duffy Street to south of Acres Street (Ward 4)

Porter Avenue Streetscape (Ward 4)

Lindsey Street Special Corridor – Pickard Avenue to Jenkins Avenue (Wards 4 and 7)

Main Street and Gray Street Two-Way Conversion



Project Details

Scope

Traffic Management Center (TMC)

- ✓ Phase 1 Engineering (Systems Analysis) required for federal funding eligibility
- ✓ Phase 2 Engineering for final design
- ✓ Construction with 100% Federal Funds
- ✓ Includes, room alterations, video wall, work stations, computer hardware and software, communication equipment and furniture.

The TMC will serve as the operations center for the City's Traffic Signal Street network. This one location will monitor traffic signals, intersections, and roads and proactively deploys traffic management strategies to reduce congestion and coordinate state and local authorities during special events, emergencies, or daily stop-and-go traffic.



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$3,000,000	\$3,300,000	\$300,000



Project Details

James Garner Avenue Special Corridor - Phase 3 - Acres Street to Duffy Street

Scope

- ✓ Roadway Widening and Reconstruction
- ✓ New Traffic Signals at Main Street and Gray Street
- ✓ Two-Lane Divided Roadway Landscaped Median
- ✓ Stormwater Drainage System
- ✓ Sidewalks / Multimodal Path
- ✓ Landscaping
- ✓ Decorative Roadway and Pedestrian Way Lighting

Key Issues:

Preservation of Railroad Quiet Zone and traffic impact of James Garner Avenue connection to Flood Avenue

Key Stakeholder **BNSF**
RAILWAY



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$0	\$6,000,000	\$6,000,000

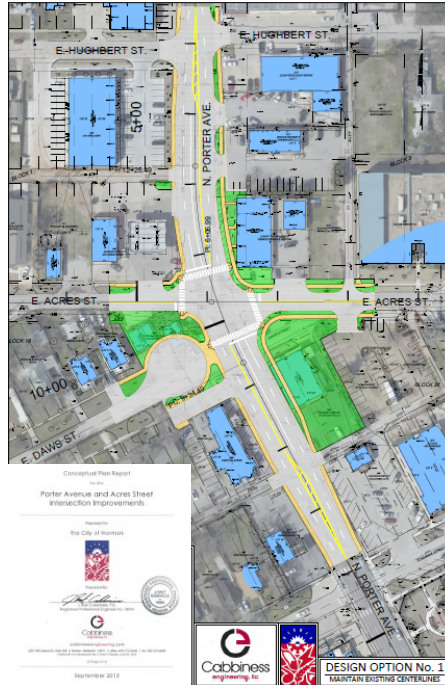


Project Details

Porter Avenue and Acres Street (Porter Corridor)

Scope

- ✓ Intersection Widening (new left turn lanes on Porter Avenue)
- ✓ New Traffic Signal
- ✓ Closure of Daws Street at Porter Avenue
- ✓ Stormwater Drainage System
- ✓ Sidewalks



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$0	\$5,000,000	\$5,000,000



Key Issues:

Safety of pedestrians crossing Porter Avenue (e.g., Longfellow Middle School students) and higher traffic demand on Acres Street associated with the opening of the new Central Library.

Project Details

Porter Avenue Streetscape

Scope

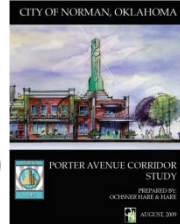
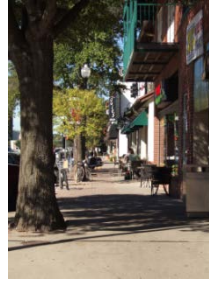
- ✓ New Sidewalks
- ✓ Driveway consolidation / elimination (Access Management)
- ✓ Decorative Roadway & Pedestrian Way Lighting
- ✓ Landscaping
- ✓ New curb and gutter
- ✓ Street Furniture (e.g., benches, trash receptacles, ash urns, etc.)

Key Issues:

Access Management (elimination or consolidation of driveways), re-establishment of curbs and replacement of antiquated roadway lighting system

Key Stakeholders:

Porter Avenue merchants and property owners



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$0	\$5,000,000	\$5,000,000



Project Details

Lindsey Street Special Corridor – Pickard Avenue to Jenkins Avenue

Scope

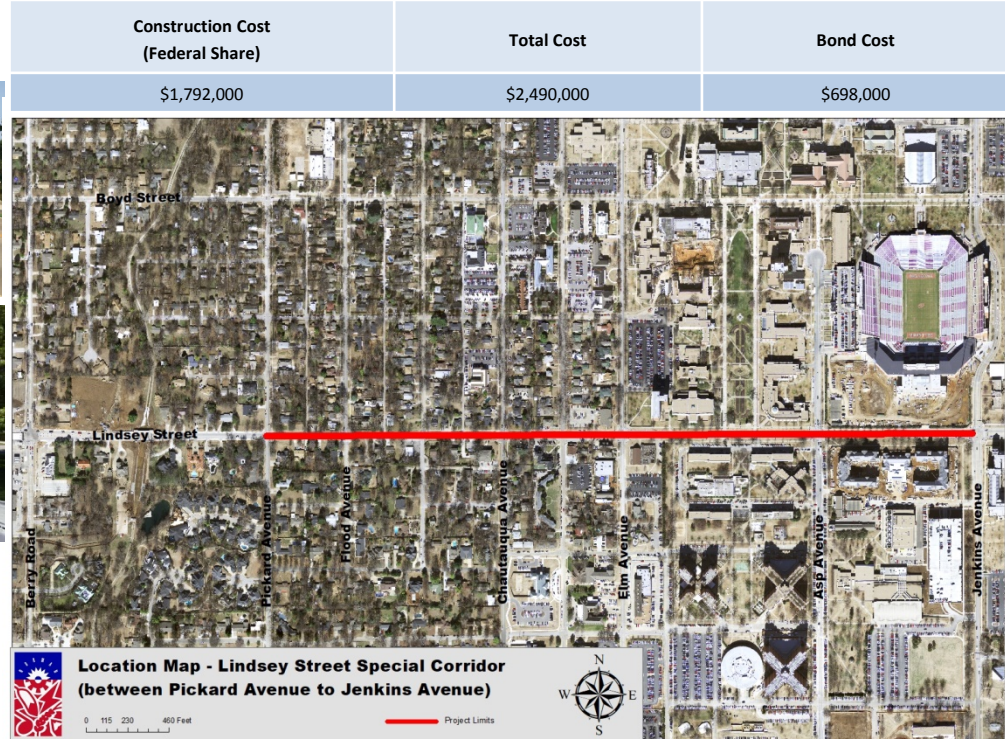
- ✓ Roadway Widening to add left turn lane at intersections
- ✓ Traffic Signal Modifications
- ✓ On-Street Bicycle Lanes
- ✓ Stormwater Drainage System
- ✓ Curb and gutter
- ✓ Sidewalks



Key Issue:

Restricted left turns at signalized intersections, lack of continuous sidewalks and bicycle lanes, and chronic flooding. Need stakeholder participation to define final scope of project.

Key Stakeholder 

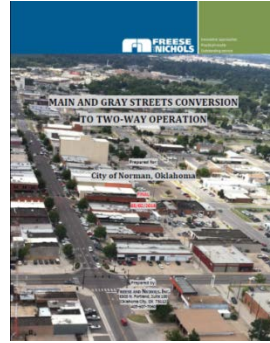


Project Details

Main Street / Gray Street Two-Way Conversion

Scope

- ✓ Traffic Signal Modifications
- ✓ Intersection Widening
- ✓ Four-Quadrant Gate Systems at Railroad Crossings
- ✓ Restriping
- ✓ Signage



Key Issues:
Preservation of Railroad Quiet Zone and traffic impact of James Garner Avenue connection to Flood Avenue

Key Stakeholder **BNSF** RAILWAY

Construction Cost (Federal Share)	Total Cost	Bond Cost
\$0	\$7,320,000	\$7,320,000



ROADWAY AND INTERSECTION CAPACITY IMPROVEMENT PROJECTS

Jenkins Avenue – Imhoff Road to Lindsey Street (Ward 7)

Cedar Lane Road – east of 24th Avenue SE to 36th Avenue SE (Ward 5)

Constitution Street – Jenkins Avenue to Classen Boulevard (Ward 5)

36th Avenue NW – north of Indian Hills Road to Moore City Limit (Ward 8)

Tecumseh Road – 12th Avenue NE to 24th Avenue NE (Ward 6)

24th Avenue NE – Rock Creek Road to Tecumseh Road (Ward 6)

36th Avenue SE – Cedar Lane Road to State Highway 9 (Ward 5)

Indian Hills Road – 48th Avenue NW to Interstate 35 (Ward 8)

48th Avenue NW – Rock Creek Road to Tecumseh Road Wards 3 and 8)

48th Avenue NW – Franklin Road to Indian Hills Road (Wards 3 and 8)

Rock Creek Road – Queenston Avenue / Bruckner Drive to 24th Avenue NE (Ward 6)

Porter Avenue and Acres Street Intersection (Ward 4)



Project Details

Jenkins Avenue – Imhoff Road to Lindsey Street

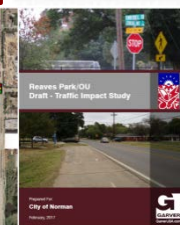
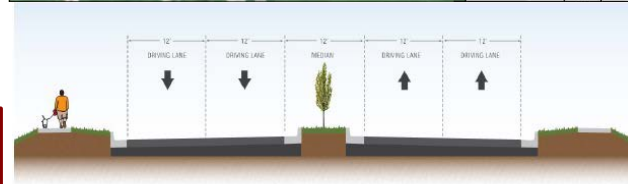
Scope

- ✓ Roadway Widening and Reconstruction
- ✓ Four-lane divided roadway (like Lindsey Street east of Jenkins Avenue)
- ✓ New Traffic Signal at Timberdell Road
- ✓ Traffic Signal Modifications at Stinson Street and Constitution Street
- ✓ New Sidewalk / Multimodal Path
- ✓ Decorative Roadway Lighting
- ✓ Stormwater Drainage System
- ✓ Landscaping

Key Issue:

Need additional roadway capacity to accommodate Reeves Park and OU Development Traffic.

Key Stakeholder



Construction Cost (Federal Share)	Total Cost	Bond Cost
	\$9,140,000	\$9,140,000



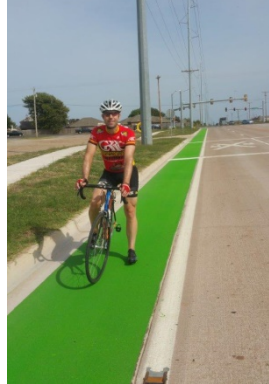
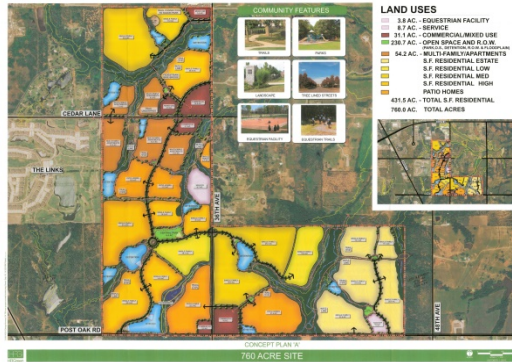
Project Details

Cedar Lane Road - East of 24th Avenue SE to 36th Avenue SE

Scope

- ✓ Roadway Widening and Reconstruction
- ✓ New Traffic Signal at 36th Avenue SE
- ✓ Four Lanes with On-Street Bicycle Lanes
- ✓ Stormwater Drainage System
- ✓ Sidewalks

Key Issues:
Traffic Safety at the intersection of Cedar Lane Road and 36th Avenue SE



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$0	\$11,704,892	\$11,704,892



Project Details

Constitution Street – Jenkins Avenue to Oak Tree Avenue

Scope

- ✓ Roadway Widening to add continuous two-way left turn lane between Jenkins Avenue and Ryan Avenue
- ✓ Curb and Gutter
- ✓ Storm water Drainage System
- ✓ Sidewalk on the south side

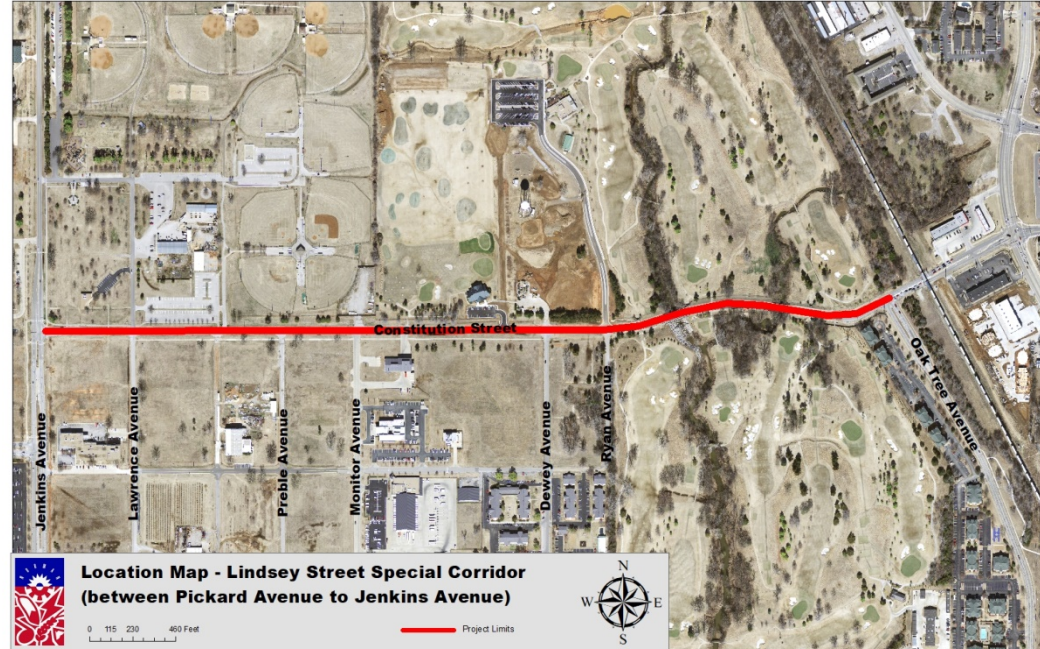


Key Issue:
Need additional roadway capacity to accommodate Reaves Park special event traffic, improved pedestrian facilities and preservation of Railroad Quiet Zone.

Key Stakeholder **BNSF**
RAILWAY

Key Stakeholder **OU**

Construction Cost (Federal Share)	Total Cost	Bond Cost
\$1,600,000	\$2,200,000	\$600,000



Location Map - Lindsey Street Special Corridor (between Pickard Avenue to Jenkins Avenue)

Project Details

36th Avenue NW – North of Indian Hills Road to Moore City Limit

Scope

- ✓ Roadway Widening and Reconstruction
- ✓ Bridge Replacement
- ✓ Four / Five Lanes with On-Street Bicycle Lanes
- ✓ Stormwater Drainage System
- ✓ Sidewalks

Key Issue:

Need additional roadway capacity to accommodate future development traffic and regional connectivity (City of Moore).

Key Stakeholder



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$5,835,200	\$8,444,000	\$2,608,800



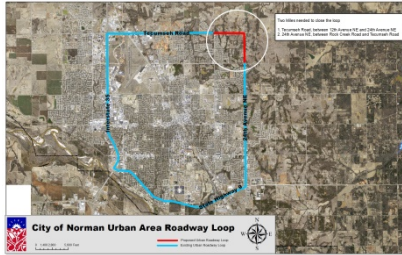
Location Map - 36th Avenue NW (between Indian Hills Road and Moore City Limit)

Project Details

Tecumseh Road - 12th Avenue NE to 24th Avenue NE

Scope

- ✓ Roadway Widening and Reconstruction
- ✓ Four-Lane Roadway with exclusive left turn lane at intersections and On-Street Bicycle Lanes
- ✓ Stormwater Drainage System
- ✓ Sidewalks



Key Issue:

Poor roadway profile and sight distance issues makes roadway unsafe and restricts development. Project addresses the urban roadway loop.



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$6,795.891	\$10,294,864	\$3,498,973



Project Details

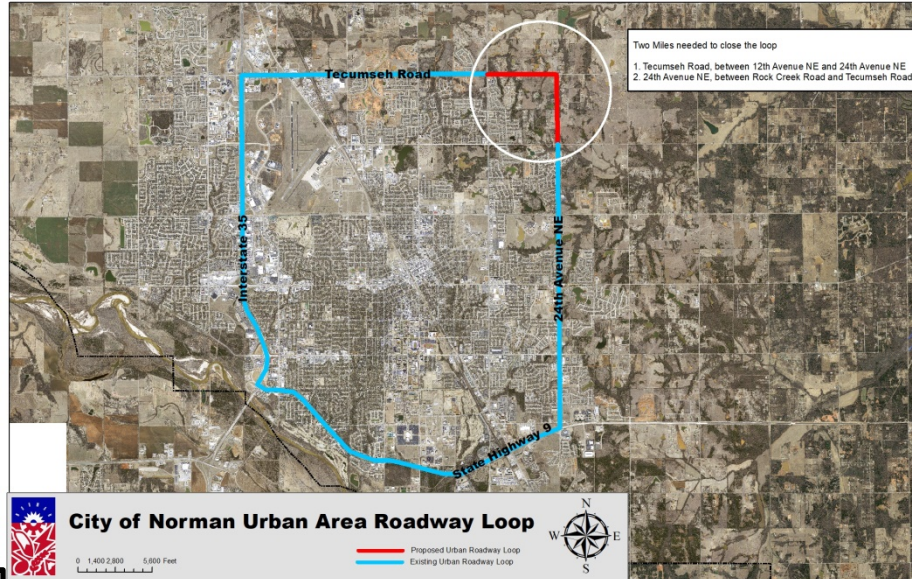
24th Avenue NE - Rock Creek Road to Tecumseh Road

Scope

- ✓ Roadway Widening and Reconstruction
- ✓ Four / Five Lane Roadway with on-Street Bicycle Lanes
- ✓ Traffic Signals at Tecumseh Road and Rock Creek Road
- ✓ Stormwater Drainage System
- ✓ Sidewalks

Key Issue:

Project addresses the urban roadway loop.



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$6,272,000	\$9,240,000	\$2,968,000



Project Details

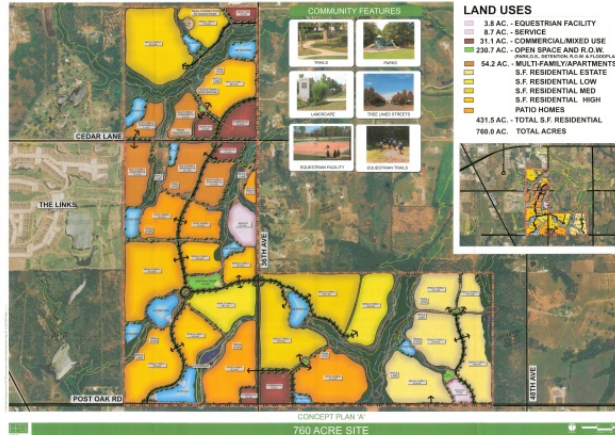
36th Avenue SE - Cedar Lane Road to State Highway 9

Scope

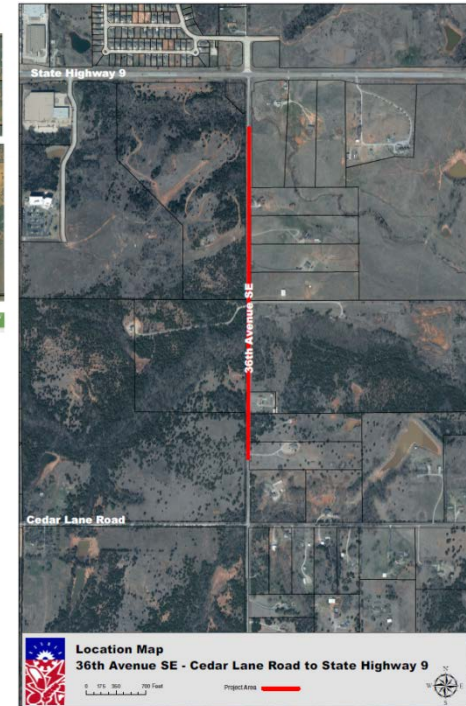
- ✓ Roadway Widening and Reconstruction
- ✓ Four-Lane Roadway with exclusive left turn lane at intersections and On-Street Bicycle Lanes
- ✓ Bridge Widening
- ✓ Stormwater Drainage System
- ✓ Sidewalks

Key Issue:

Need additional roadway capacity to accommodate future traffic from Destin Landing, John Saxon Park and the Industrial Area west of the park.



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$6,038,906	\$8,722,632	\$2,683,726



Project Details

Indian Hills Road – 48th Avenue NW to Interstate 35

Scope

- ✓ Roadway Widening and Reconstruction
- ✓ Four/Six-Lane Divided Roadway with exclusive left turn lane at intersections and On-Street Bicycle Lanes
- ✓ Stormwater Drainage System
- ✓ Sidewalks
- ✓ \$2 million for I-35 and Indian Hills Road Interchange



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$7,974,803	\$14,458,504	\$6,483,701



Key Stakeholder



Key Issue:

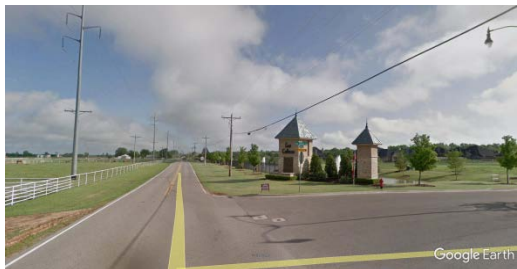
Need additional roadway capacity to accommodate future development traffic. Coordination with ODOT critical.

Project Details

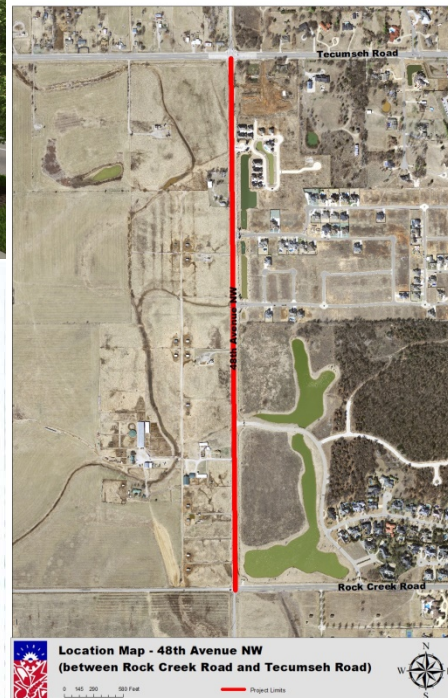
48th Avenue NW - Rock Creek Road to Tecumseh Road

Scope

- ✓ Roadway Widening and Reconstruction
- ✓ Two-Lane Divided Roadway with exclusive left turn lane at intersections and On-Street Bicycle Lanes
- ✓ Stormwater Drainage System
- ✓ Sidewalks



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$6,291,667	\$9,164,584	\$2,872,917



Key Issue:

Need additional roadway capacity to accommodate future traffic from Las Colinas (a.k.a Windstone Farms) and J&J Additions.

Project Details

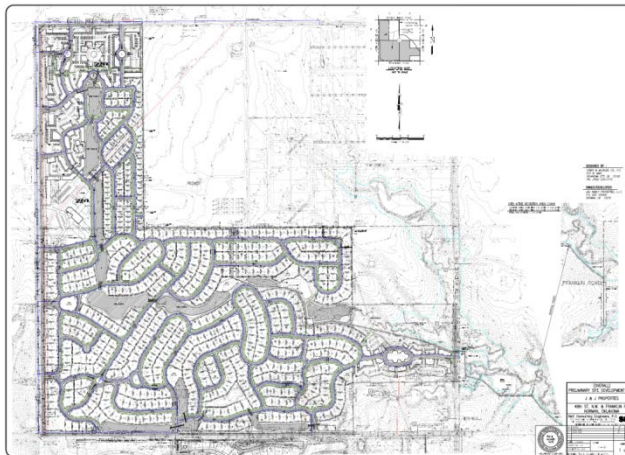
48th Avenue NW - Franklin Road to Indian Hills Road

Scope

- ✓ Roadway Widening and Reconstruction
- ✓ Two-Lane Divided Roadway with exclusive left turn lane at intersections and On-Street Bicycle Lanes
- ✓ Traffic Signals at Franklin Road and Indian Hills Road
- ✓ Stormwater Drainage System
- ✓ Sidewalks

Key Issue:

Need additional roadway capacity to accommodate future traffic from Las Colinas (a.k.a Windstone Farms) and J&J Additions.



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$6,482,694	\$9,428,368	\$2,945,674



Location Map - 48th Avenue NW (between Franklin Road and Indian Hills Road)

Project Details

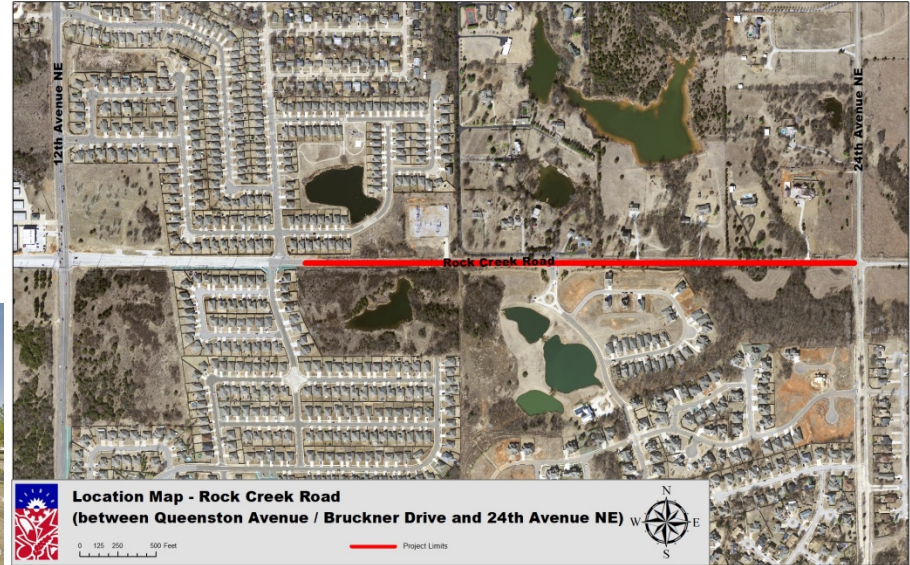
Rock Creek Road – Queenston Road / Bruckner Drive to 24th Avenue NE

Scope

- ✓ Roadway Widening and Reconstruction
- ✓ Four-Lane Roadway with exclusive left turn lane at intersections and On-Street Bicycle Lanes
- ✓ Stormwater Drainage System
- ✓ Sidewalks



Construction Cost (Federal Share)	Total Cost	Bond Cost
\$3,200,000	\$4,000,000	\$800,000



Key Issue:

Need additional roadway capacity to accommodate future traffic from Hallbrooke Addition and other undeveloped areas along the corridor. Completes the last segment of Rock Creek Road in the urban part of the City.



Future Transportation Bond Issue Summary

Construction Cost (Federal Share)	Total Cost	Bond Cost
\$55,283,161	\$124,892,877	\$69,609,560



Future Transportation Bond Issue

Proposed Implementation Schedule

FYE 2020

Cedar Lane Road - East of 24th Avenue SE to 36th Avenue SE
Porter Avenue and Acres Street

FYE 2021

Jenkins Avenue - Imhoff Road to Lindsey Street

FYE 2022

James Garner Avenue Special Corridor - Phase 3

FYE 2023

Traffic Management Center
Tecumseh Road - 12th Avenue NE to 24th Avenue NE
Constitution Street - Jenkins Avenue to Classen Boulevard

FYE 2024

36th Avenue NW - Indian Hills Road to Moore City Limit

FYE 2025

36th Avenue SE - Cedar Lane Road to State Highway 9
24th Avenue NE - Rock Creek Road to Tecumseh Road

FYE 2026

48th Avenue NW - Franklin Road to Indian Hills Road

FYE 2027

Indian Hills Road - 48th Avenue NW to Interstate 35
Main Street / Gray Street Traffic Flow Conversion
Porter Avenue Streetscape - Alameda Street to Robinson Street

FYE 2028

Lindsey Street - Pickard Avenue to Jenkins Avenue
48th Avenue NW - Rock Creek Road to Tecumseh Road

FYE 2029

48th Avenue NW - Rock Creek Road to Tecumseh Road

FYE 2030

Rock Creek Road - Queenston Avenue to 24th Avenue NE