

CITY COUNCIL CONFERENCE

VIRTUAL MEETING HOSTED AT MUNICIPAL BUILDING COUNCIL CHAMBERS 201 WEST GRAY, NORMAN, OK

AUGUST 25, 2020

5:30 P.M.

This is a virtual meeting - Councilmembers Bierman, Foreman, Peacock, Petrone, Hall, Wilson, Holman, and Mayor Clark are appearing via video conference

1. DISCUSSION REGARDING THE ASSOCIATION OF CENTRAL OKLAHOMA GOVERNMENT'S REGIONAL TRANSPORTATION IMPROVEMENT PLAN.

It is the policy of the City of Norman that no person or groups of persons shall on the grounds of race, color, religion, ancestry, national origin, age, place of birth, sex, sexual orientation, gender identity or expression, familial status, marital status, including marriage to a person of the same sex, disability, retaliation, or genetic information, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination in employment activities or in all programs, services, or activities administered by the City, its recipients, sub-recipients, and contractors. In the event of any comments, complaints, modifications, accommodations, alternative formats, and auxiliary aids and services regarding accessibility or inclusion, please contact the ADA Technician at 405-366-5424, Relay Service: 711. To better serve you, five (5) business days' advance notice is preferred.

ACOG'S REGIONAL TRANSPORTATION IMPROVEMENT PLAN UPDATE

Council Conference

August 25, 2020

Presented by:

Shawn O'Leary, P.E. - Director of Public Works





Overhauling Norman's Transportation Infrastructure
The Last 30 Years – The Next 30 Years



Lindsey Street

36th Avenue SW to Ed Noble Parkway
I-35 to Pickard Avenue
Jenkins Avenue to Classen Boulevard
Classen Boulevard to 12th Avenue SE
Biloxi Drive to 24th Avenue SE

Alameda Street


Porter Avenue to 12th Avenue East
12th Avenue East to Ridge Lake Boulevard

Main Street

36th Avenue West to Ed Noble Parkway
Carter Avenue to 12th Avenue East

Robinson Street

48th Avenue NW to Brookhaven Boulevard
Brookhaven Boulevard to I-35
12th Avenue NE to 24th Avenue NE



Rock Creek Road

36th Avenue NW to 24th Avenue NW
Stubbeman Avenue to Porter Avenue
Porter Avenue to Queenston Avenue

36th Avenue NW

Main Street to Robinson Street
Robinson Street to Tecumseh Road

24th Avenue SW

State Highway 9 to Lindsey Street

24th Avenue SE

State Highway 9 to Lindsey Street
Lindsey Street to Alameda Street

24th Avenue NE

Alameda Street to Robinson Street

12th Avenue SE

Oak Tree Avenue to Cedar Lane Road

Cedar Lane Road

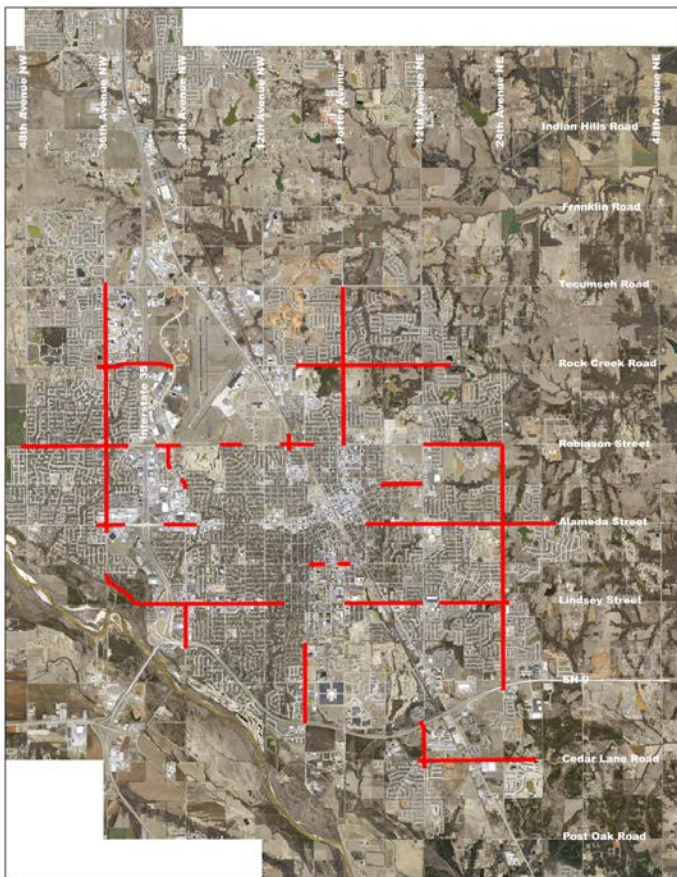
12th Avenue SE to Black Locust Court

Porter Avenue

Robinson Street to Rock Creek Road
Rock Creek Road to Tecumseh Road

WIDENING PROJECTS





**ACOG Federally Funded Projects
1991 to Present**

0 1,400 2,800 5,600 Feet

— Widened and Reconstructed Roadway
~ 26 Miles



Cedar Lane Road



West Lindsey Street at Imhoff Creek

~ 26 Miles of New,
Reconstructed
and Widened Streets



Lindsey Street / 36th Avenue SW
Connection



East Main Street Roundabout



Robinson Street Railroad Underpass



Bridge Replacements & New Bridges

West Main Street @ Brookhaven Creek

Rock Creek Road over Interstate 35

12th Avenue NW @ Little River

Franklin Road @ Little River

Lindsey Street @ Imhoff Creek

Constitution Street @ Bishop Creek

Constitution Street @ Bishop Creek Tributary

48th Avenue NE @ Rock Creek

Bridge Maintenance

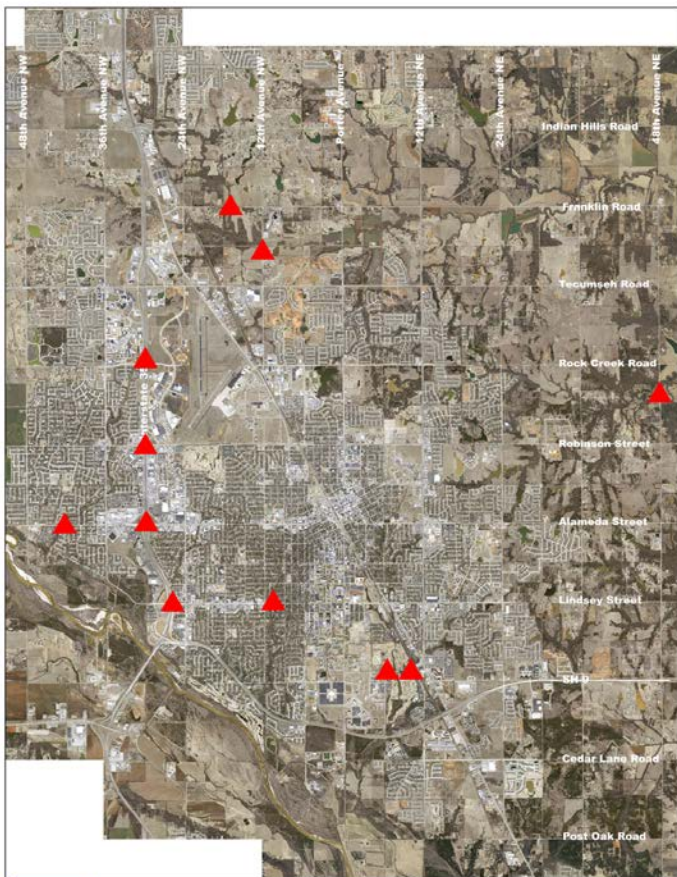
Lindsey Street over Interstate 35

Main Street over Interstate 35

Robinson Street over Interstate 35



BRIDGE MAINTENANCE AND REPLACEMENT PROJECTS



**ACOG Federally Funded Projects
1991 to Present**

0 1,400 2,800 5,600 Feet

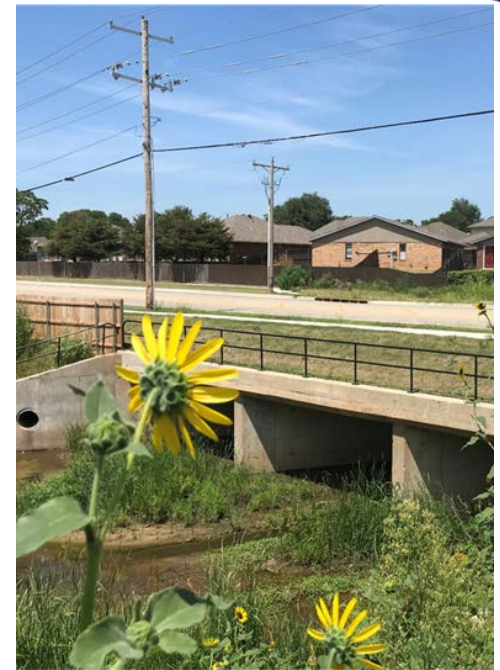
▲ Bridge Widening, Reconstruction and Maintenance
11 bridges



Constitution Street Bridge @ Bishop Creek




48th Avenue NE Bridge @ Rock Creek



West Main Street @ Brookhaven Creek

**8 New Bridges and 3
Rehabilitated Bridges**



Alameda Street and Findlay Avenue
Alameda Street and Shiloh Drive
Alameda Street and Crestland Avenue
Alameda Street and Vicksburg Avenue
Alameda Street and 24th Avenue East
State Highway 9 and 24th Avenue SW
State Highway 9 and Berry Road
State Highway 9 and 12th Avenue SE
State Highway 9 and Technology Place
State Highway 9 and John Saxon Boulevard
State Highway 9 and Classen Boulevard
Lindsey Street and Ed Noble Parkway
Lindsey Street and I-35
Lindsey Street and 24th Avenue SW
Lindsey Street and Wylie Road
Lindsey Street and McGee Drive
Lindsey Street and Jenkins Avenue
Lindsey Street and Biloxi Drive
Lindsey Street and Pickard Avenue

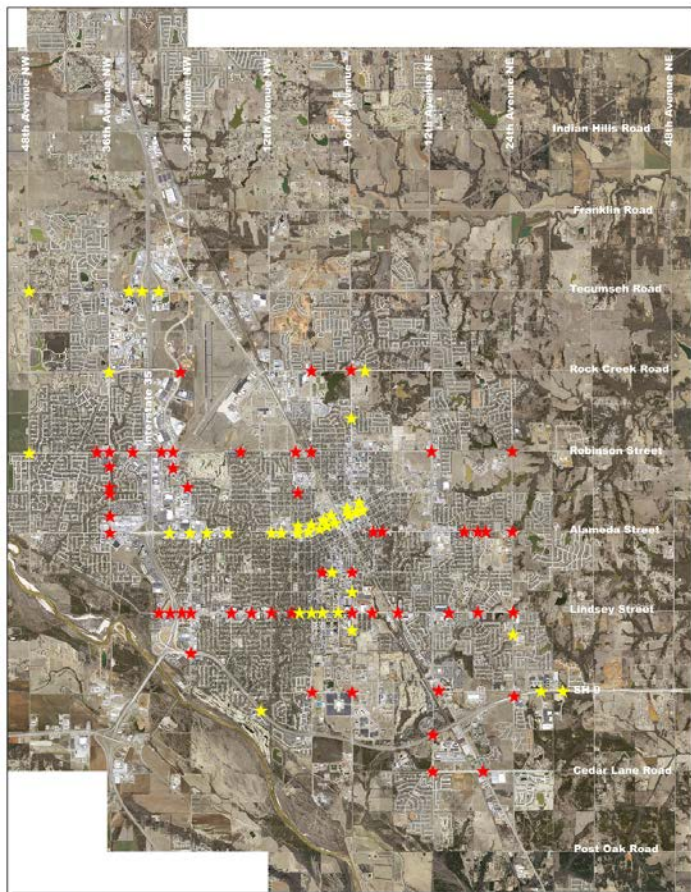
Lindsey Street and Oakhurst Avenue
Lindsey Street and 24th Avenue SE
Boyd Street and Elm Avenue
Boyd Street and Jenkins Avenue
Main Street and 24th Avenue West
Robinson Street and Brookhaven Boulevard
Robinson Street and Crossroads Boulevard
Robinson Street and North Interstate Drive
Robinson Street and Interstate Drive
Robinson Street and 24th Avenue NW
Robinson Street and Woods
Robinson Street and Flood Avenue
Robinson Street and Stubbeman Avenue
Robinson Street and 12th Avenue NE
Robinson Street and 24th Avenue NE
Chautauqua Avenue and Imhoff Road
Classen Boulevard / Porter Avenue and Alameda Street
Classen Boulevard and Imhoff Road
Classen Boulevard and Cedar and Road

Rock Creek Road and 24th Avenue NW
Rock Creek Road and Stubbeman Avenue
Rock Creek Road and Porter Avenue
36th Avenue NW and Havenbrook Street
36th Avenue NW and Brookhollow Road
36th Avenue NW and Quail Drive
36th Avenue NW and River Oaks Drive
36th Avenue West and Main Street
Flood Avenue and Acres Street
24th Avenue NW and Tee Drive
24th Avenue NW and Boardwalk
Jenkins Avenue and Imhoff Road



INTERSECTION WIDENING AND NEW SIGNAL

50 Intersection Widening with New Traffic Signal Projects



36th Avenue NW and Havenbrook Street



24th Avenue NW and Tee Drive



Boyd Street and Elm Avenue

**ACOG Federally Funded Projects
1991 to Present**

0 1,400 2,800 5,600 Feet

★ Intersection Widening and New Traffic Signal (50)
★ New Traffic Signal (40)



Main Street and 24th Avenue West (Replacement)
Main Street and Hal Muldrow Drive (Replacement)
Main Street and Mercedes Drive (Replacement)
Main Street and Berry Road (Replacement)
Main Street at Norman High (Replacement)
Main Street and Flood Avenue (Replacement)
Main Street and Downtown Shopping Center (Replacement)
Main Street and University Boulevard (Replacement)
Main Street Webster Avenue(Replacement)
Main Street and Santa Fe Avenue(Replacement)
Main Street and Peters Avenue(Replacement)
Main Street Crawford Avenue(Replacement)
Main Street and Porter Avenue(Replacement)
Gray Street and Flood Avenue (Replacement)
Gray Street and University Boulevard (Replacement)
Gray Street and Webster Avenue (New)
Gray Street and Santa Fe Avenue (Replacement)
Gray Street and Peters Avenue (Replacement)
Gray Street and Porter Avenue (Replacement)

Lindsey Street and Flood Avenue (Replacement)
Lindsey Street and Chautauqua Avenue (Replacement)
Lindsey Street and Elm Avenue (Replacement)
Lindsey Street and Asp Avenue (Replacement)
Boyd Street and University Boulevard (Replacement)
Main Street and Interstate Drive / 26th Drive (New)
24th Avenue SE @ Reagan Elementary (New)
Jenkins Avenue and Brooks Street (New)
Jenkins Avenue and Stinson Street (New)
Porter Avenue and Sandpiper Lane (New)
Robinson Street and 48th Avenue NW (New)
Rock Creek Road and 36th Avenue NW (New)
Rock Creek Road and Sequoyah Trail (New)
Tecumseh Road and 48th Avenue NW (New)
Tecumseh Road and Journey Parkway (New)
Tecumseh Road and North Interstate Drive (New)
Tecumseh Road and I-35 Northbound On/Off Ramp (New)
State Highway 9 and Technology Place (New)
State Highway 9 and John Saxon Boulevard (New)



NEW TRAFFIC SIGNALS / REPLACEMENTS



Jenkins Avenue and Brooks Street
New Traffic Signal



Boyd Street and University Boulevard
Traffic Signal Replacement



Robinson Street and 48th Avenue NW
New Traffic Signal




Rock Creek Road and Sequoyah Trail
New Traffic Signal



Main Street and Peters Avenue
Traffic Signal Replacement

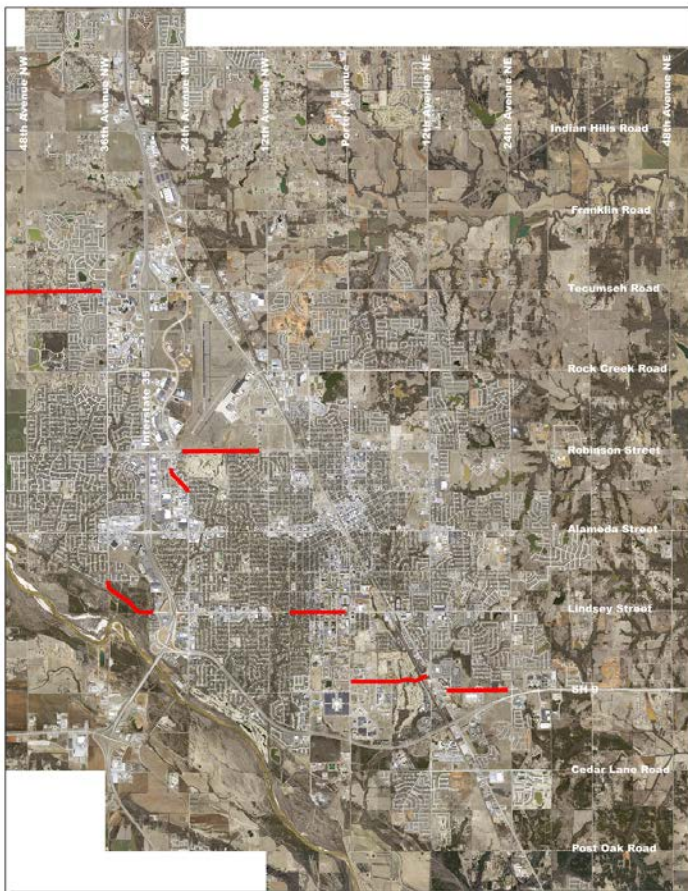
23 Traffic Signal Replacements and
17 New Traffic Signals



Tecumseh Road, between 60th Avenue NW and 36th Avenue NW
Robinson Street, between 24th Avenue NW and Berry Road
24th Avenue NW, between Westport Drive and Dakota Street
Lindsey Street, between 36th Avenue SW and Ed Noble Parkway
Lindsey Street, between Pickard Avenue and Jenkins Avenue
Constitution Street, between Jenkins Avenue and Classen Boulevard
Imhoff Road, between Classen Boulevard and 24th Avenue SE

ROADWAY OVERLAY PROJECTS





**ACOG Federally Funded Projects
1991 to Present**

0 1,400 2,800 5,600 Feet

— Roadway Overlay
• 0 Miles



Constitution Street
Between Jenkins Avenue and Oak Tree Avenue




Tecumseh Road
Between 60th Avenue NW and Interstate 35

~ 8 Miles of Overlaid Streets



Lindsey Street
Between Pickard Avenue and Asp Avenue



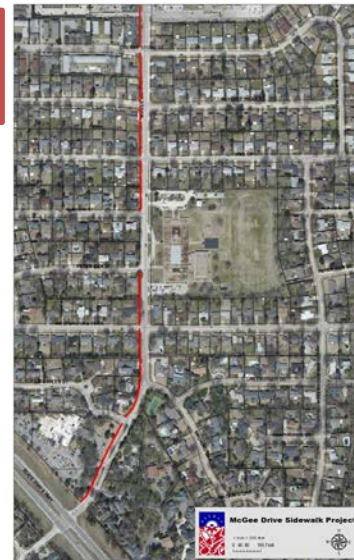
Boyd Street, between Porter Avenue and Barkley Street South Side)
McGee Drive, between State Highway 9 and Lindsey Street



NEW SIDEWALK PROJECTS



~ 5,900 Linear Feet of
 New Sidewalk




**ACOG Federally Funded Projects
 1991 to Present**

Sidewalks Boyd Street, between Classen Boulevard and Barkley Street
 McGee Drive, between State Highway 9 and Lindsey Street



**ACOG Federally Funded Projects
 1991 to Present**

Sidewalks Boyd Street, between Classen Boulevard and Barkley Street
 McGee Drive, between State Highway 9 and Lindsey Street



Pavement Marking Projects

8 Phases

Signal Upgrade Projects

ADA Pedestrian Push Buttons

LED Signal Displays

Battery Back-Up Systems

Flashing Yellow Arrow Displays

Emergency Vehicle Pre-Emption Systems

Signal Interconnect Projects

12th Avenue East

24th Avenue West

36th Avenue West

State Highway 9

Lindsey Street

Main Street

Robinson Street

Rock Creek Road

Tecumseh Road

Boyd Street

Roadway Lighting Projects

24th Avenue NW

Main Street

Jenkins Avenue

Lindsey Street

Tecumseh Road

SAFETY PROJECTS

New Traffic Signal Projects

Boyd Street and University Boulevard

Tecumseh and 48th Avenue NW

Rock Creek Road and Sequoyah Trail

Robinson Street and 48th Avenue NW

Tecumseh Road and 36th Avenue NW

Tecumseh Road and Healthplex Drive

Tecumseh Road and I-35 Ramps

Jenkins Avenue and Imhoff Road

Jenkins Avenue and Brooks Street

Jenkins Avenue and Stinson Street

36th Avenue NW and Rock Creek Road

\$800,000 annual average over the last 25 years ~ \$20 Million!!!

100% Federal Funds for Construction



Every Traffic Signal Touched by at least one of these projects:

ADA Pedestrian Push Buttons
Count Down Pedestrian Signal Heads LED Signal Displays
Battery Power Back-Up Systems
Left Turn Flashing Yellow Arrow Displays
Video Detection Upgrades
Emergency Vehicle Detection Upgrades
Controller Upgrades




ACOG Federally Funded Projects 1991 to Present

Traffic Signal Upgrades

ADA Pedestrian Push Buttons
Count-Down Pedestrian Signals
LED Signal Displays
Battery Power Back-Up System

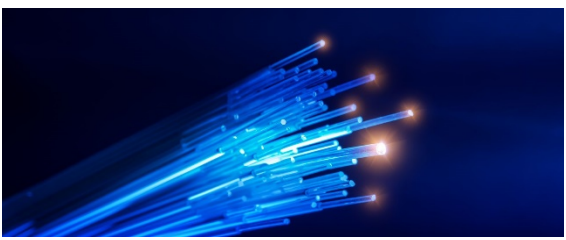
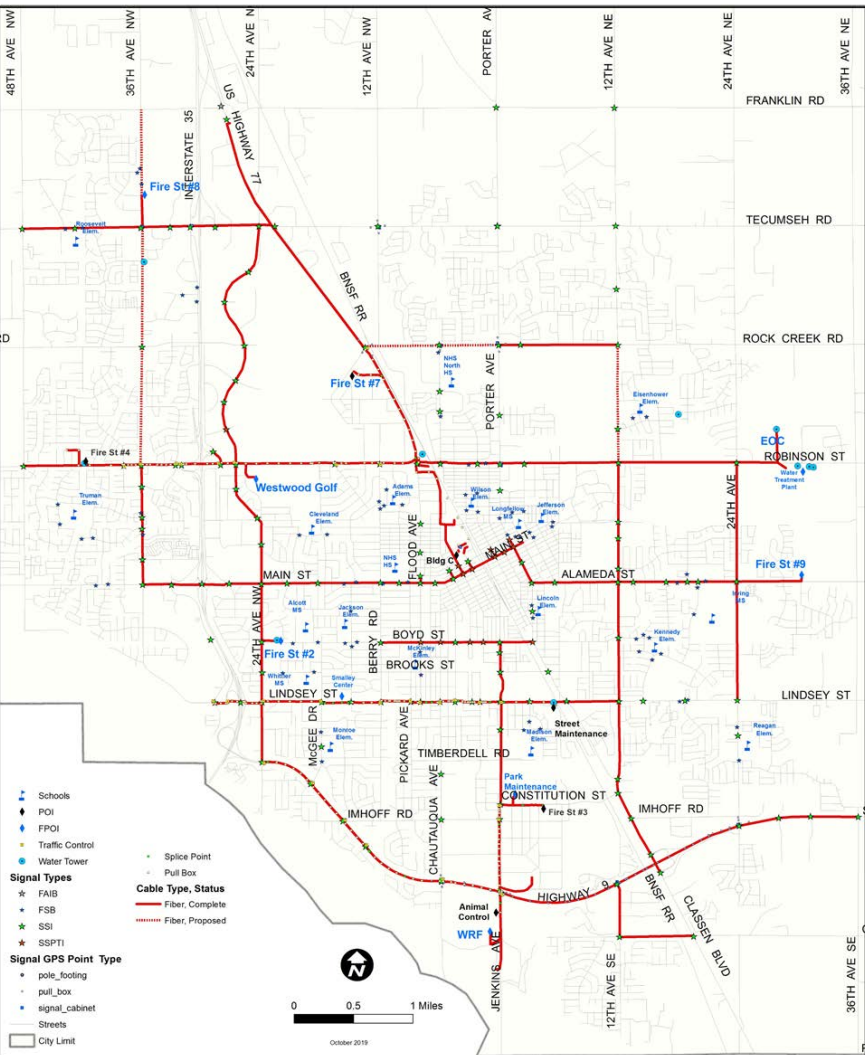
Left Turn Flashing Yellow Arrow Display
Video Detection
Emergency Vehicle Traffic Signal Pre-emption System
Controller Upgrades




Tecumseh Road, between 48th Avenue NW and Flood Avenue
Flood Avenue, between Franklin Road and Robinson Street
24th Avenue West, between State Highway 9 and Tecumseh Road
Main Street, between 48th Avenue NW and 24th Avenue NE
Rock Creek Road, between Porter Avenue and 12th Avenue NE
36th Avenue NW, between Main Street and Robinson Street
Main Street, between 36th Avenue West and Porter Avenue
Alameda Street, between Porter Avenue and 24th Avenue East
Boyd Street, between Berry Road and Classen Boulevard
Lindsey Street, between Ed Noble Parkway and 12th Avenue SE
Jenkins Avenue, between Constitution Street and Boyd Street
State Highway 9, between 24th Avenue SW and 36th Avenue SE
24th Avenue East, between Lindsey Street and Robinson Street (Under Construction)
12th Avenue SE, between Cedar Lane Road and State Highway 9
Cedar Lane Road, between 12th Avenue SE and Classen Boulevard
Classen Boulevard, between State Highway 9 and 12th Avenue SE
12th Avenue East, between Classen Boulevard and Robinson Street

TRAFFIC SIGNAL FIBER OPTIC COMMUNICATION PROJECTS





~ 60 Miles of Traffic Signal Fiber Optic Communication Network

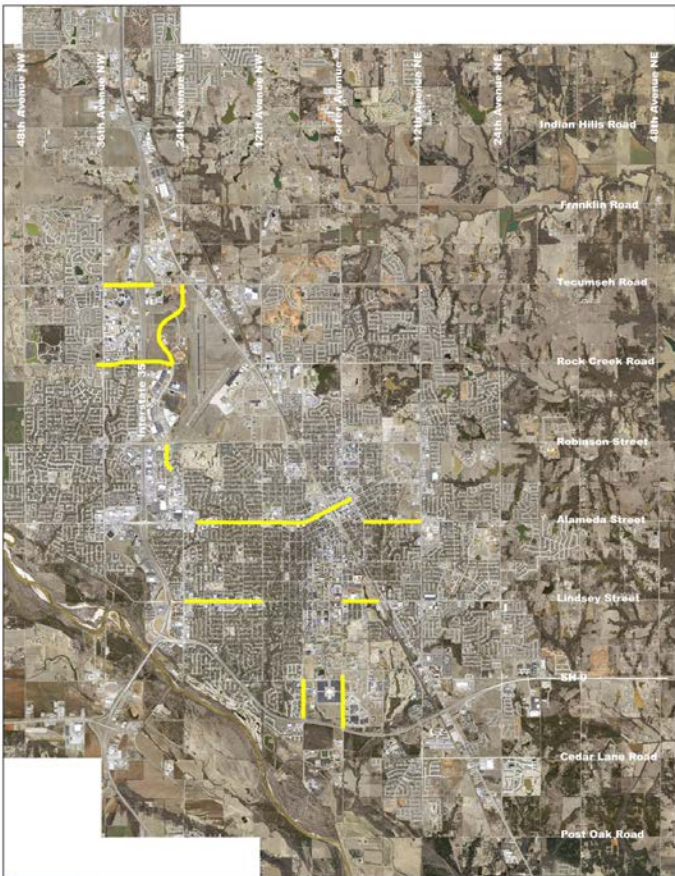


Tecumseh Road, between 36th Avenue NW and Interstate 35
Rock Creek, between 36th Avenue NW and Rock Creek Road
24th Avenue NW, between Rock Creek Road and Tecumseh Road
24th Avenue NW, between Palmer Circle and Robinson Street
Main Street, between Hal Muldrow Drive and Porter Avenue
Lindsey Street, between Interstate 35 and Berry Road
Lindsey Street, between Jenkins Avenue and Classen Boulevard
Chautauqua Avenue, between State Highway 9 and Imhoff Road
Jenkins Avenue, between State Highway 9 and Jenkins Avenue
Alameda Street, between Porter Avenue and 12th Avenue SE

CONTINUOUS ROADWAY LIGHTING PROJECTS



~ 10 Miles of Continuous Roadway Lighting



**ACOG Federally Funded Projects
1991 to Present**

0 1,400 2,800 5,600 Feet

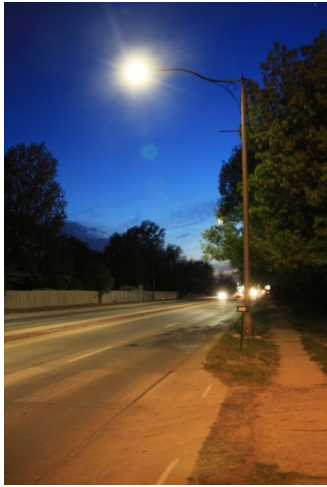
Continuous Roadway Lighting
~ 10 Miles



Jenkins Avenue LED Roadway Lighting



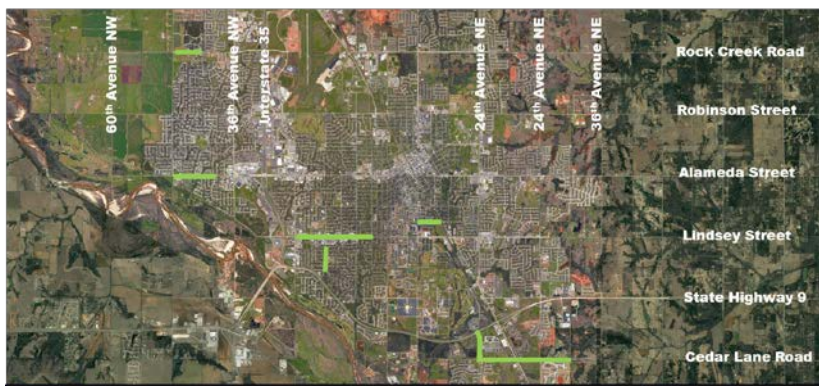
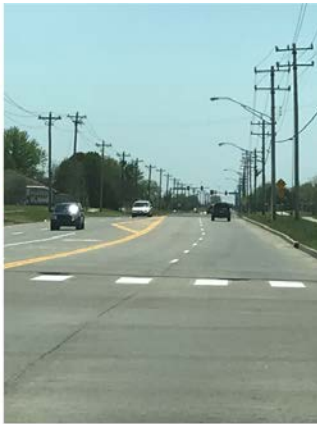
West Tecumseh Road



Main Street LED Roadway Lighting



24th Avenue NW



 **Location of Colored Bike Lanes in Norman, OK** 

 Colored Bike Lane

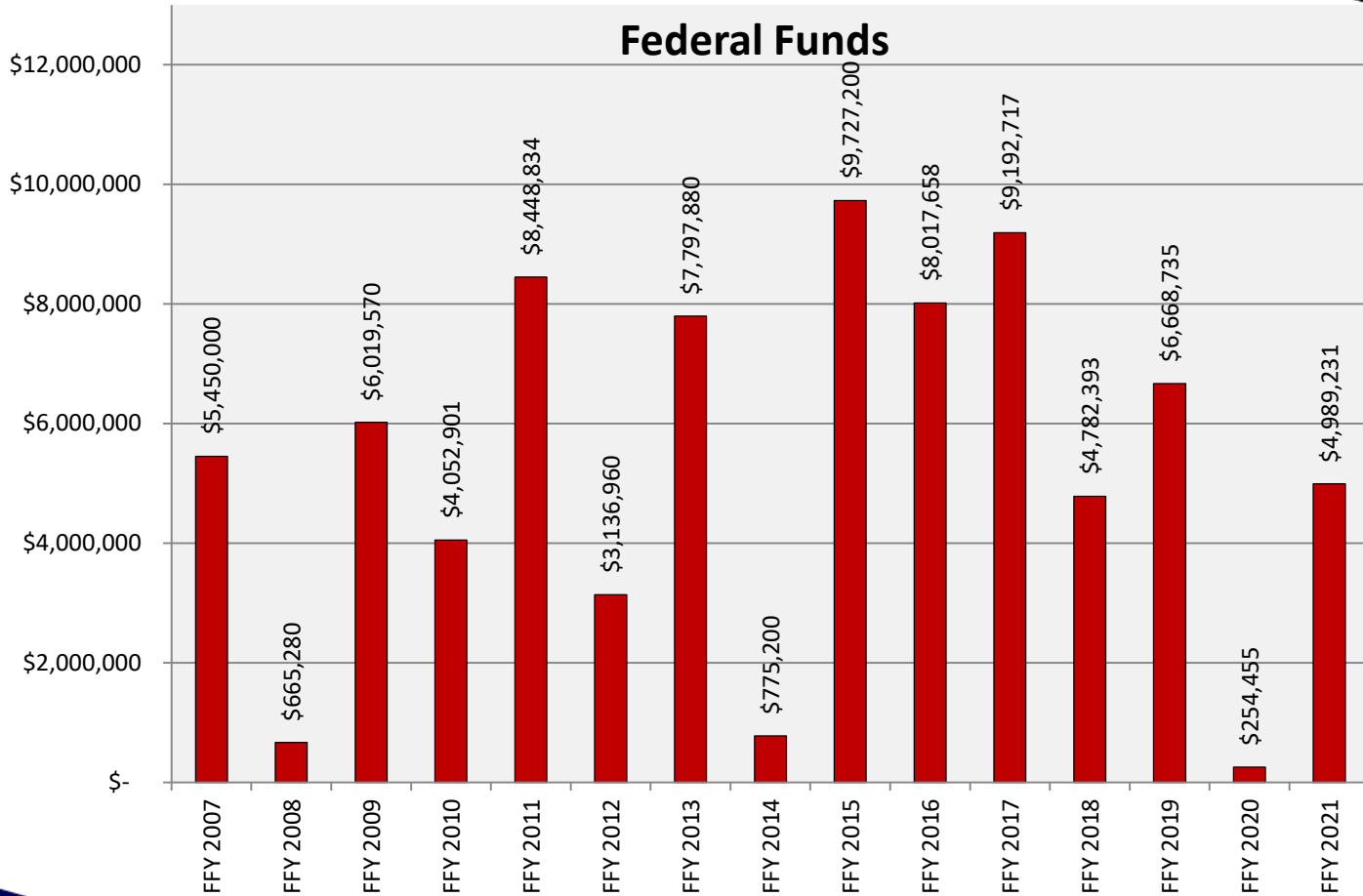


~ \$2 Million worth of Pavement Markings applied on most arterial roadways in the urban area

- Center Lines
- Edge Lines
- Lane Lines
- Crosswalks
- Stop and Yield Lines
- Raised Pavement Markers
- Arrows
- Words (e.g., ONLY and SCHOOL)
- Colorized Bike Lanes

 **ACOG Federally Funded Projects 1991 to Present**

Pavement Markings



\$6 Million average over the last 28 years ~ \$160 Million!!!



How has the City of Norman being abled to secure ~\$160 Million to help fund the construction of more than 140 Transportation Improvement Projects in the last 28 years?

Where does the money come from?



Regional Transportation Improvement Plan

- ~ \$20 Million available per year
- 10% set aside for cost overruns
- 10% set aside for safety projects (100%)
- 80% of construction cost funded for other projects
- Competitive process (Individual projects rated and ranked)
- ACOG member agencies within the Encompass 2040 Planning area are eligible to apply
- No single local government can receive more than 56% of the total funding
- Plan can be amended if funds are available
- Until recently, first year was guaranteed. Subsequent years needed to compete again. Starting this year, first **two** years will be guaranteed




U.S. Department
of Transportation
Federal Highway
Administration






Regional Transportation Improvement Plan (TIP)

- Cooperatively developed 4-year program outlining multimodal transportation improvements and services to be implemented within the Oklahoma City Area Regional Transportation Study (OCARTS) area.
 - Federal law requires that all Metropolitan Planning Organizations (MPOs) prepare a TIP for their designated region, in cooperation with the State and affected transit operators.
 - The OCARTS Area TIP is prepared annually by ACOG in its role as the MPO for transportation planning within the Central Oklahoma region. This document is prepared under the guidance of the Intermodal Transportation Technical and Policy Committees, and is submitted to the Governor, the Federal Transit Administration (FTA), and the Federal Highway Administration (FHWA) through the Oklahoma Department of Transportation (ODOT).
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ACOG TIP Process Timeline



- June – August - Project selection criteria reviewed and modified (if necessary)
 - Early September - Call for Projects
 - Late October- Deadline for Local Governments to submit project applications to ACOG
 - November – December - ACOG staff reviews applications and develops ranking list
 - Mid January - ITTC Special Meeting to reviews project list and develop recommendations
 - Late January - ITTC recommendations included in ITPC Agenda for approval
 - April - ACOG submits TIP to ODOT for inclusion in STIP
 - September - Oklahoma Transportation Commission approves STIP
 - September - STIP submitted to FHWA for approval
 - October 1 - Funds become available for projects in the first two years of the TIP
- 

Project Selection Criteria

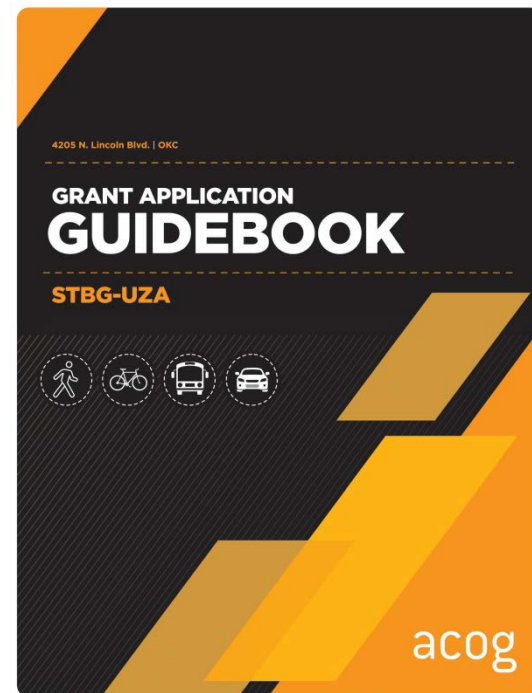
- Used when the requests for STBG-UZA funds for a given federal fiscal year exceed the funds available for planning purposes
- Assists the Intermodal Transportation Technical and Policy Committees in assessing regional project priorities and in developing a financially reasonable program of STB-UZA projects
- Addresses the priorities of the Federal Transportation Act (e.g., preservation of existing transportation facilities, relieving and preventing congestion, providing for various mode choices, and increasing the safety of the traveling public)
- Proposed projects must be included in, or be consistent with **Encompass 2040** (the Metropolitan Transportation Plan adopted by ACOG)



Project Selection Criteria

Eligible Projects:


1. Widening, including Railroad/Highway Grade Separations
2. New Construction
3. Intersection Improvements
4. Resurfacing, Reconstruction, Rehabilitation, Restoration
5. Bridges
6. Independent Bicycle and Pedestrian Facilities
7. Transit, Park-and-Ride, High Occupancy Vehicle (HOV) Lanes
8. Carpool/Vanpool
9. Safety Projects (100% Federal)



Project Selection Criteria




Significant changes to the project selection criteria were made for FFY 2019. Several cities and counties in the region promulgated an update to the criteria in order to:

- Better align the project selection criteria with the regional Multimodal Transportation Plan goals and objectives
 - Integrate transportation system performance management into the project selection process
 - Develop a results and efficiency driven process with a proper prioritization methodology designed to ensure that the region's transportation funding is being used in the most effective way
 - Adjust the scoring between types of projects to better reflect the current needs of the region, while preserving an emphasis on bike/ped, ITS, safety, transit, multimodal, connectivity and walkability improvements
 - Improve the competitiveness of projects that utilize cost-effective congestion mitigation and safety enhancing strategies from the Congestion Management Plan toolbox
 - Simplify the project application process and criteria
- 

Project Selection Criteria



- Olsson and Associates was hired by ACOG to guide the process and several members of the Intermodal Transportation Technical Committee served on a steering committee that met on numerous occasions to review the ideas and recommendations that were eventually used in the new criteria and process.
 - The new criteria was finalized and accepted by both the ITTC and ITPC and was used for the first time in the formulation of the FFY 2020-2023 TIP. All ACOG member entities agreed to play by the new rules.
 - Recognizing that the new criteria was going to greatly enhance the competitiveness of certain project types that already have their own funding source, the committee adopted a 10% cap on the total funds that could be used during any one year for implementation of transit projects and sidewalk / multimodal path stand-alone projects.
 - **Project readiness no longer a factor in the criteria**
- 



FFY 2021-2023 Transportation Improvement Plan Update

City of Norman

(Preliminary)

FFY 2021			FFY 2022			FFY 2023			FFY 2024		
Project	Score	Federal Funds	Project	Score	Federal Funds	Project	Score	Federal Funds	Project	Score	Federal Funds
James Garner Avenue New Construction (from north of Acres Street to Flood Avenue)	76.550	\$ 6,047,790	Tecumseh Road @ 24th Avenue NW and Flood Avenue	67.060	\$ 6,842,444	Rock Creek Road Widening and Reconstruction (from Grandview Avenue to West of 36th Avenue NW)	53.470	\$ 3,113,751	Alameda Street (from Ridge Lake Boulevard to 48th Avenue East)	39.990	\$ 4,291,541
Robinson Street West of I-35	73.380	\$ 4,103,904	Rock Creek Road @ 12th Avenue NW and Trailwood Drive Intersection Widening and New Traffic Signals	58.150	\$ 2,740,498	36th Avenue NW and Tecumseh Road	51.660	\$ 1,302,520	Traffic Management Center		\$ 3,000,000
McGee Drive Sidewalk, between S.H. 9 and Cherry Stone Street (East Side)	36.720	\$ 245,154	36th Avenue NW (Phase 1) (North of Tecumseh Road to north of Franklin Road)	54.650	\$ 5,848,858	36th Avenue NW (Phase 2) (North of Franklin Road to north of Indian Hills Road)	46.210	\$ 7,500,000	Traffic Signal Emergency Vehicle Pre-Emption System Upgrade - Phase 2		\$ 500,000
CART Bus Replacement		\$ 400,000	Pavement Markings (Multiple Locations) (Phase 7) (100% Safety)	47.070	\$ 307,055	36th Avenue NW and Crail Drive	35.000	\$ 813,490	CART Bus Replacement		\$ 400,000
Traffic Signal Video Detection Upgrades - Phase 3 (Citywide) (100% Safety)	60.810	\$ 651,651				Traffic Signal Video Detection Upgrades - Phase 4 (100% Safety)	41.480	\$ 473,060	Pavement Markings (Multiple Locations) (Phase 9) (100% Safety)		\$ 400,000
36th Avenue NW traffic signals and fiber interconnect at Cascade Boulevard and Bart Conner Drive (100% Safety)	54.570	\$ 840,547									
Pavement Markings (Multiple Locations) (Phase 8) (100% Safety)	53.860	\$ 307,053									
Alameda Street and Summit Lakes Boulevard/Lochwood Drive Traffic Signal (100% Safety)		\$ 250,000									
Total		\$ 12,846,099			\$ 15,738,855			\$ 13,202,821			\$ 8,591,541



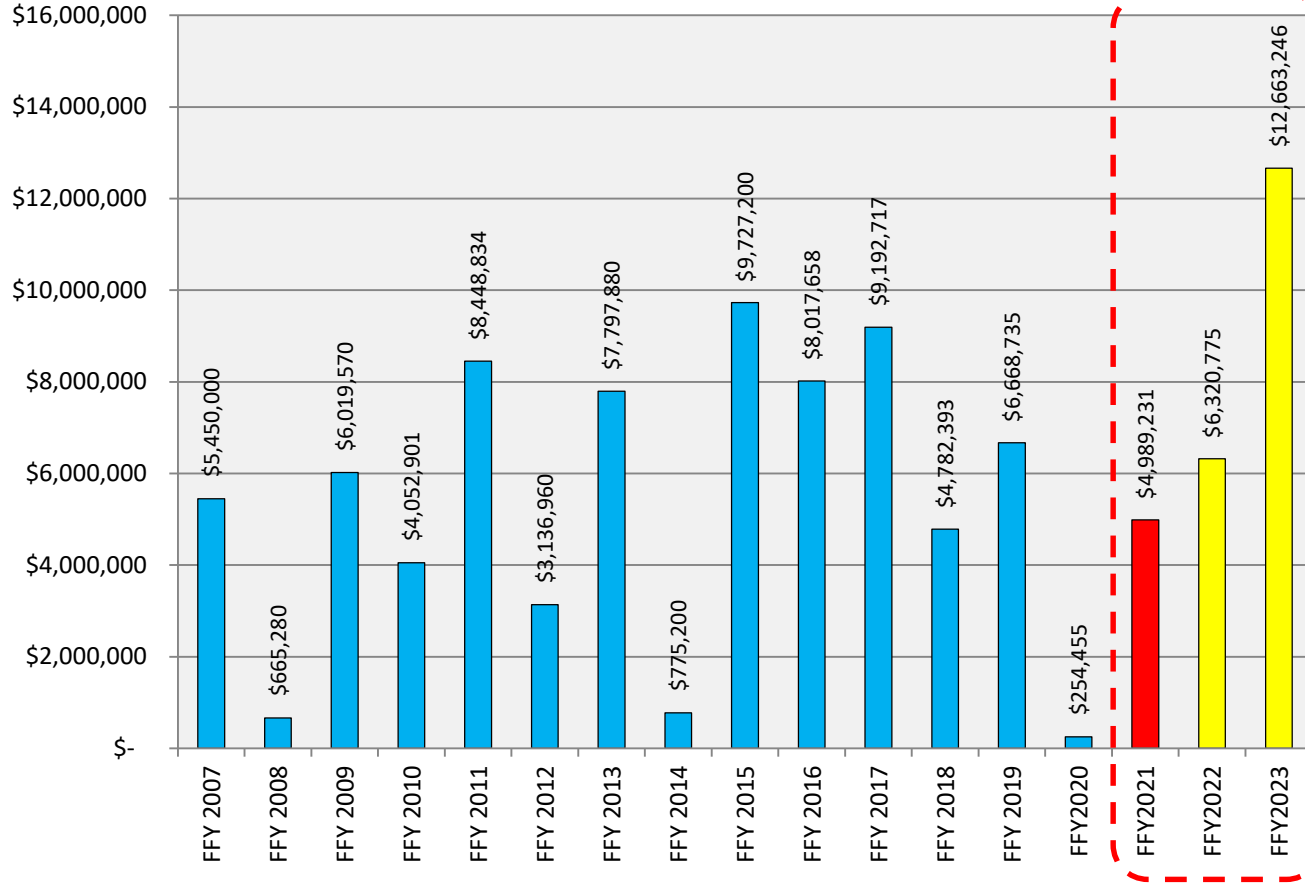
FFY 2021-2023 Transportation Improvement Plan Update


City of Norman


(As Adopted by ITPC)


FFY 2021			FFY 2022			FFY 2023		
Project	Score	Federal Funds	Project	Score	Federal Funds	Project	Score	Federal Funds
CART Bus Replacement	88.500	\$ 468,222	James Garner Avenue New Construction (from north of Acres Street to Flood Avenue	71.550	\$ 4,667,175	Tecumseh Road @ 24th Avenue NW and Flood Avenue	67.040	\$ 6,873,976
Robinson Street West of I-35	79.600	\$ 4,012,056	36th Avenue NW traffic signals and fiber interconnect at Cascade Boulevard and Bart Conner Drive (100% Safety)	79.230	\$ 1,335,600	36th Avenue NW - Phase 1 - Tecumseh Road to Franklin Road	65.390	\$ 4,626,077
Pavement Markings (Multiple Locations (Phase 8) (100% Safety)	88.860	\$ 291,488	Pavement Markings (Multiple Locations) (Phase 7) (100% Safety)	77.630	\$ 318,000	Traffic Signal Video Detection Upgrades - Phase 3 (Citywide) (100% Safety)	60.500	\$ 693,933
Alameda Street and Summit Lakes Boulevard/ Lochwood Drive Traffic Signal (100% Safety)	50.220	\$ 217,465				Traffic Signal Video Detection Upgrades - Phase 4 (100% Safety)	60.000	\$ 469,260
Total		\$ 4,989,231			\$ 6,320,775			\$ 12,663,246
		23.13%			28.62%			56.00%

Federal Funds



 Previously Secured

 Secured for FFY 2021

 Tentatively Secured for FFY 2022-2023

FFY 2022 - 2025 TIP APPLICATION CYCLE



- Staff to rate and rank all projects
 - Capital
 - 2012 Transportation Bond Issue (two remaining projects - 36th Avenue NW and Alameda Street)
 - 2019 Transportation Bond Issue (include all projects?)
- Identify the 20 higher ranked projects (20 is the maximum number of projects that can be submitted)
- Select projects for each of the years based on their scores, with FFY 2022 including the higher ranked projects



2019 Transportation Bond Issue Projects

Project Location	Project Description	Federal Share	City Share	Total Construction Cost	Potential TIP Score	Rank
Porter Avenue and Acres Street	Intersection reconstruction and widening to add dedicated left turn lanes on Porter Avenue, closure of Daws Street and new traffic signal	\$ -	\$ 3,605,415	\$ 3,605,415	60.87	7
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.	\$ -	\$ 9,416,553	\$ 9,416,553	73.69	5
Porter Avenue Streetscape	Sidewalks, driveway consolidation, new curb and gutter, lighting, street furniture and landscaping	\$ -	\$ 2,422,417	\$ 2,422,417	87.61	2
James Garner Avenue - Acres to Duffy	Roadway widening and reconstruction, new traffic signals at Main Street and Gray Street, landscaped median, stormwater drainage system, sidewalks / multimodal path, lighting and landscaping	\$ -	\$ 4,853,440	\$ 4,853,440	54.50	8
Gray Street Two-Way Conversion	Traffic signal modifications, intersection widening, four-quadrant gate systems at railroad crossings, restriping and signage	\$ -	\$ 4,721,104	\$ 4,721,104	51.62	9
Cedar Lane Road - East of 24th Avenue SE to 36th Avenue SE	Reconstruction and widening from two to four / five lanes with bike lanes and new traffic signal at the 36th Avenue SE intersection	\$ 7,500,000	\$ 3,005,652	\$ 10,505,652	42.25	14
Constitution Street - Jenkins to Classen	Widening for continuous two-way left turn lane, curb and gutter, storm sewer and sidewalks	\$ 3,887,539	\$ 971,885	\$ 4,859,424	41.49	16
36th 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	\$ 2,960,036	\$ 740,009	\$ 3,700,045	69.00	6
Traffic Management Center	Video Wall, Work Stations, Computer Hardware and Software, Communication Equipment and Furniture, Closed-Circuit Television (CCTV) for monitoring of Signalized Intersections and Redundant Communication System.	\$ 3,000,000	\$ -	\$ 3,000,000	92.00	1
36th Avenue SE - Cedar Lane Road to State Highway 9	Reconstruction and widening from two to four / five lanes with bike lanes	\$ 5,075,919	\$ 1,268,980	\$ 6,344,899	23.48	19
24th Avenue NE - Rock Creek Road to Tecumseh Road	Reconstruction and widening from two to four / five lanes with bike lanes, new traffic signal at Rock Creek Road, storm sewer system and sidewalks	\$ 6,517,615	\$ 1,629,404	\$ 8,147,019	42.00	15
48th Avenue NW - Phase 1 - Robinson Street to Rock Creek Road	Reconstruction and widening from two to three lanes with bike lanes	\$ 4,917,469	\$ 1,229,367	\$ 6,146,836	41.00	17
Lindsey Street Special Corridor (Elm Avenue to Jenkins Avenue)	Roadway widening to add left turn lanes, traffic signal modifications, on-street bicycle lanes, curb and gutter, storm sewer system and sidewalks	\$ 6,371,661	\$ 1,592,915	\$ 7,964,576	77.64	3
Indian Hills Road - 48th Avenue NW to Interstate 35	Reconstruction and widening from two to four lanes with landscaped median, bike lanes and new traffic signal at 48th Avenue NW	\$ 7,500,000	\$ 4,396,865	\$ 15,981,626	47.99	10
Indian Hills Road and I-35 Interchange	Matching Funds to provide an incentive for earlier construction	\$ -	\$ 2,000,000	\$ 2,000,000		N/A
48th Avenue NW - Phase 2 - Rock Creek Road to Tecumseh Road	Reconstruction and widening from two to three lanes with bike lanes	\$ 5,415,113	\$ 1,353,778	\$ 6,768,892	38.00	18
Lindsey Street Special Corridor (Pickard Avenue to Elm Avenue)	Roadway widening to add left turn lanes, traffic signal modifications, on-street bicycle lanes, curb and gutter, storm sewer system and sidewalks	\$ 2,789,062	\$ 697,266	\$ 3,486,328	76.65	4
Tecumseh Road - 12th Ave NE to 24th Ave NE	Reconstruction and widening from two to four lanes with bike lanes	\$ 6,901,160	\$ 1,725,290	\$ 8,626,451	44.72	11
Rock Creek Road - Queenston to 24th Avenue NE	Reconstruction and widening from two to four / five lanes with bike lanes, storm sewer system and sidewalks	\$ 4,228,643	\$ 1,057,161	\$ 5,285,804	44.72	12
Total		\$ 67,064,218	\$ 46,687,501	\$ 117,836,480		



DIRECTION

- Should all 2019 Bond Issue Projects, including those anticipated to be funded with only City funds, be considered in the FFY 2022-2025 ACOG Transportation Improvement Plan applications cycle?

NEXT STEP

- Council adoption of programming resolution requesting federal funds for specific projects (September 8, 2020 Council Meeting)

DISCUSSION

