



STAKEHOLDER ADVISORY GROUP **ENCOMPASS 2045**

Jennifer Sebesta

Transportation Planning Services (TPS) Manager

O: 405.234.2264

jsebesta@acogok.org

acogok.org



acog



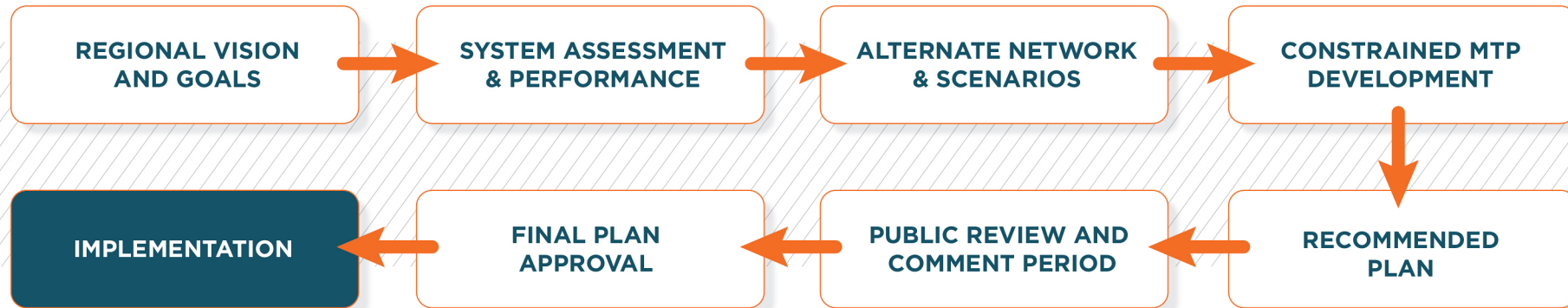
SEPTEMBER 2021

ENCOMPASS 2045 DRAFT PLAN SUMMARY

- Encompass 2045 includes:
 - Specific transportation projects and policy recommendations
 - Updated goals and objectives
 - Population and employment projections through 2045
 - Analysis of existing transportation system, future networks, and land use scenarios
 - Current and future regional multimodal transportation needs
 - Financial strategy to ensure that the adopted plan is affordable
 - National requirement for performance-based planning

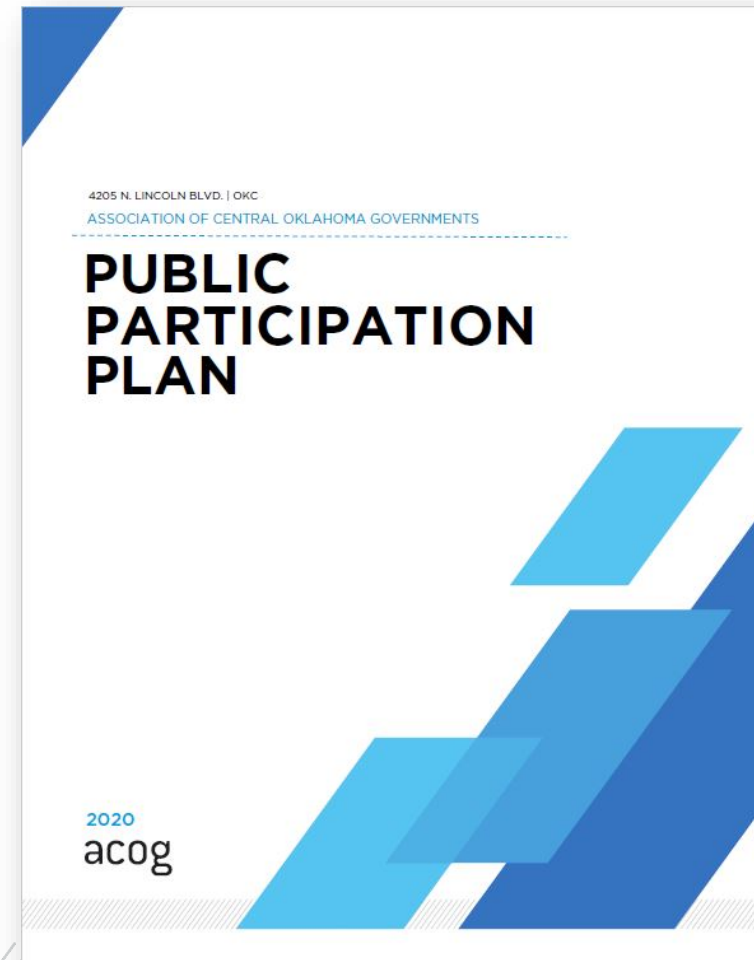


PLAN PROCESS FEDERAL GUIDANCE



PUBLIC AND STAKEHOLDER PARTICIPATION

- Online Public Survey (September 2020)
- Stakeholder Advisory Group (SAG)
 - Four meetings
 - Topics: long-range planning process, goals and objectives, project selection, land use scenarios, active transportation, regional air quality, etc.
 - SAG feedback
- Advisory, Technical, and Policy Committee Feedback
- Public Outreach Plan



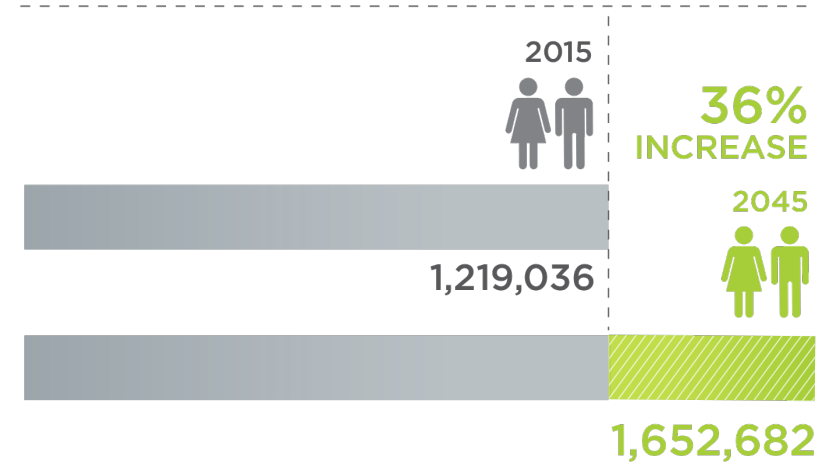
REGIONAL GOALS AND OBJECTIVES

- Encompass 2045 Goals:
 1. Connectivity
 2. Economic Strength
 3. Equity & Options
 4. Healthy Communities
 5. Performance
 6. Safety & Security
 7. System Preservation
- Objectives developed/updated for each goal
- Incorporated into ACOG's short-range implementation programs
- Approved April 2021

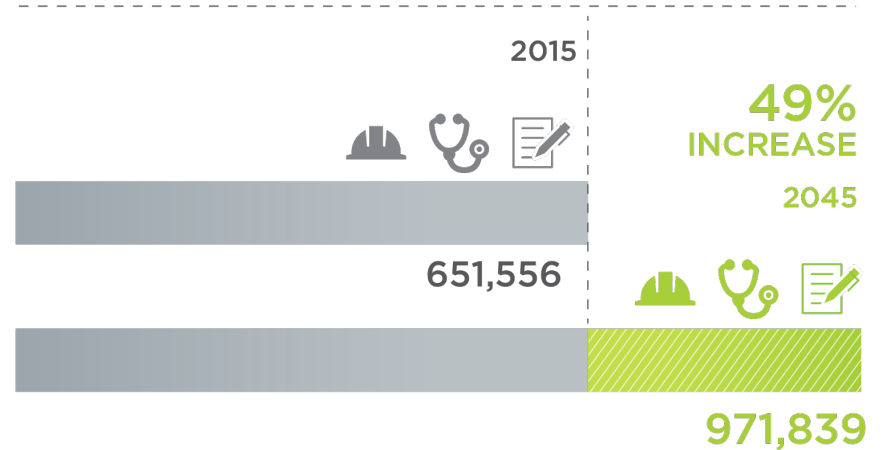
REGIONAL TRENDS

- Region will see significant growth
- Land Use Scenarios
 - Second plan to utilize this process
 - Illustrates how development could impact the transportation system
 - Outlines potential alternative development patterns
 - Two Scenarios: Trend and Nodal
 - Integrated into the regional travel demand model
- Long-term impacts of COVID-19 are unknown

PEOPLE INCREASE



JOB INCREASE



RECOMMENDED PLAN

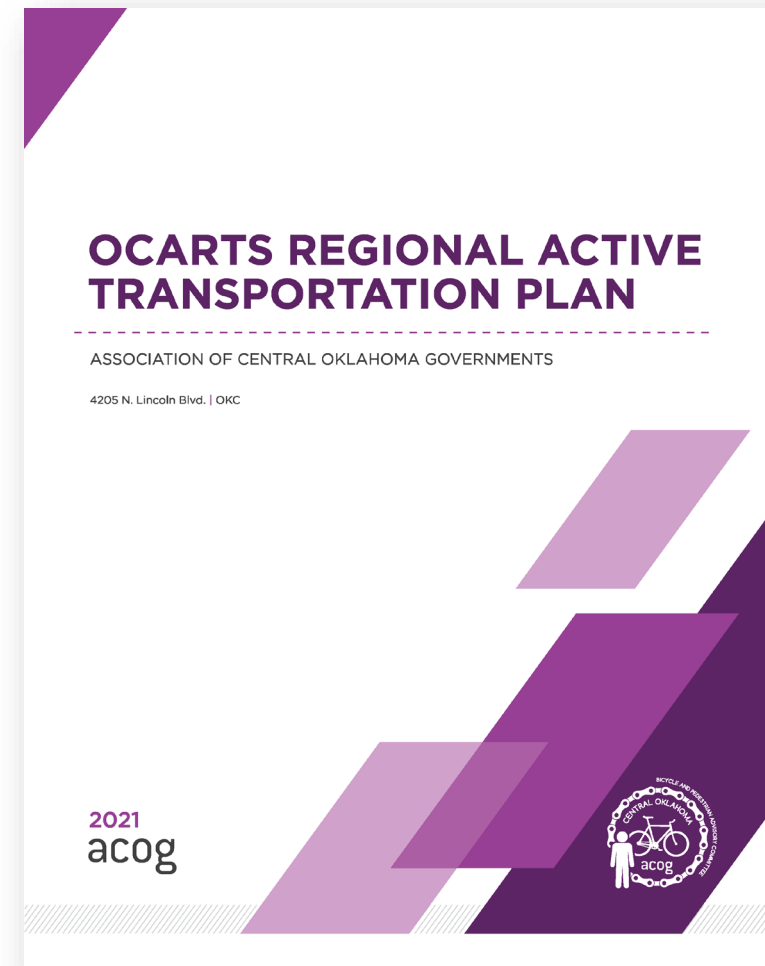
- Projects and Investment Opportunities
 - List of transportation projects
 - > 277 eligible projects submitted during Call for Projects (March 2021)
 - > <https://arcg.is/1O9Xz>
 - Additional Priorities
 - > Active Transportation
 - > Complete Streets
 - > Regional Transit Network
 - > Congestion and Safety

Widening	106
Bike/Ped	69
Ints./Intchg.	40
Bridge	31
Reconstruction	18
New Const.	4
Road Diet	2
Roundabout	2
Other	5
TOTAL	277

ACTIVE TRANSPORTATION

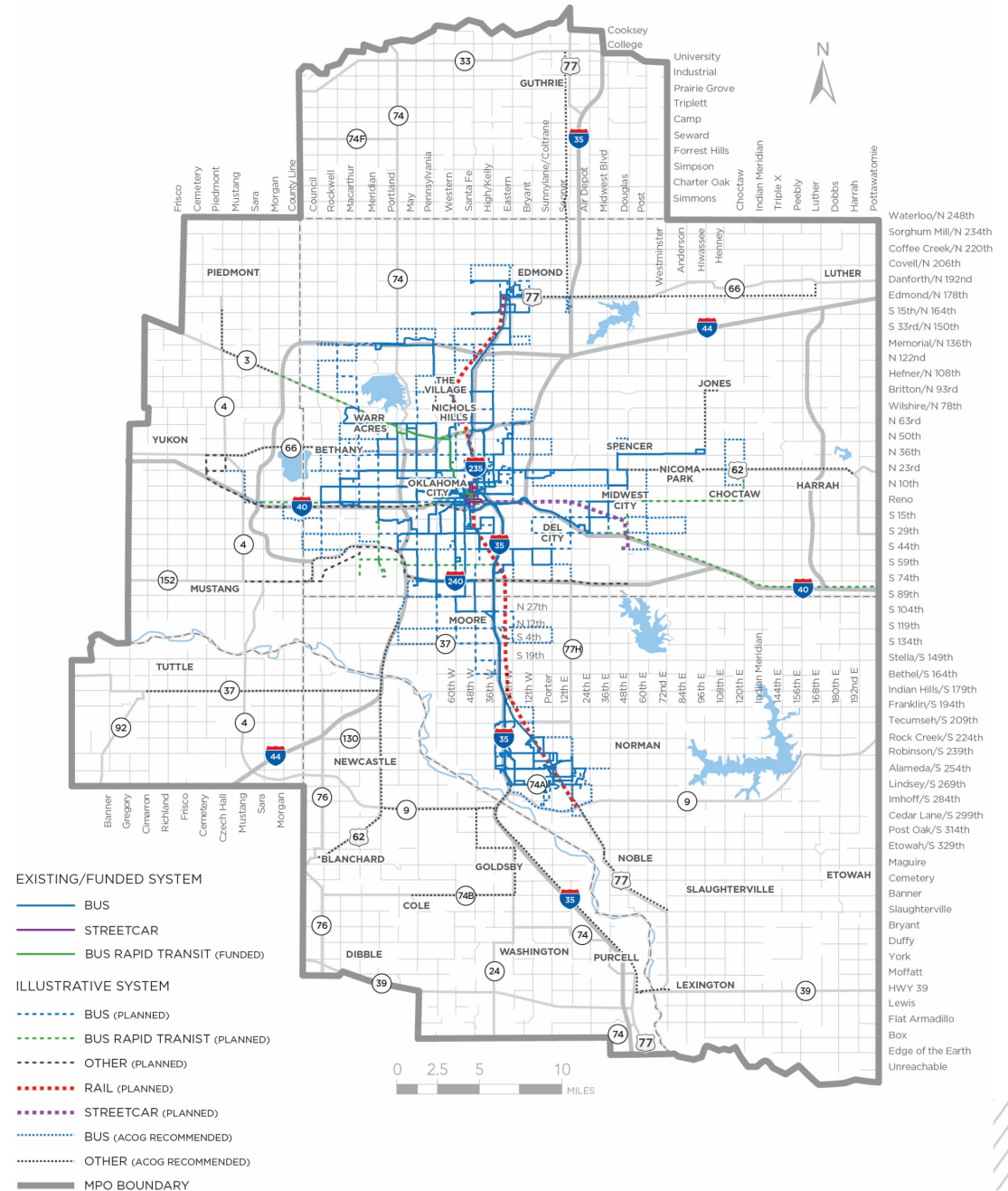
- Incorporates ACOG's Regional Active Transportation Plan
 - Outlines current and future investments in bicycle and pedestrian infrastructure and programs
 - Identifies priority areas and corridors*
 - Sets recommendations and implementation strategies
 - > Facility and Design Guidance
 - Adopted April 2021
- <https://bicycle-and-pedestrian-resource-center-acog.hub.arcgis.com/>

*Projects included in the Regional Active Transportation Plan are deemed consistent with Encompass 2045.



REGIONAL TRANSIT NETWORK (Illustrative)

- Components of the desired 2045 regional transit system include:
 - 48 miles of commuter rail (CR)
 - 40 miles of bus rapid transit (BRT)
 - 10 miles of modern streetcar
 - Over 300 miles of enhanced and express bus service with connection to BRT, streetcar, and CR stations
 - An additional 200 miles of bus service to connect the entire region to transit
 - 150 miles of non-fixed route transit to serve all communities within the TMA



COMPLETE STREETS

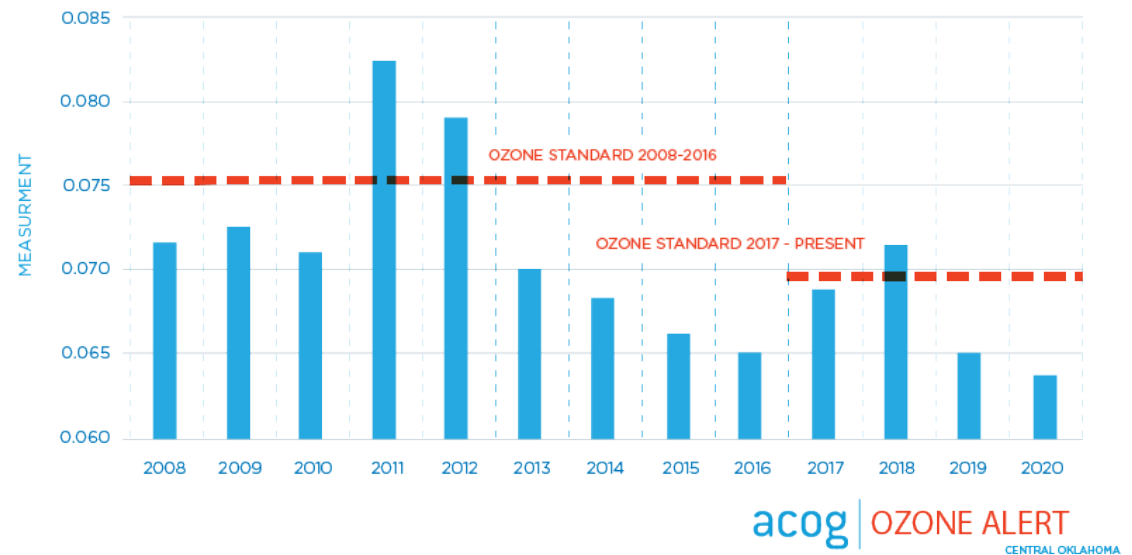
- Complete Streets are streets, highways, and bridges that are routinely planned, designed, operated, and maintained to prioritize safety, comfort, and access to destinations for all people who use the facility.
- Promotes a safe, accessible, efficient, and coordinated transportation network
- Recommended by FHWA and SAG members
- Adopted in August 2021
- Incorporated into ACOG's transportation grant programs after Encompass 2045 adoption



AIR QUALITY PLANNING

- Transportation (vehicle exhaust, fuel evaporation) is a significant source of ozone precursors
- Cost of Nonattainment Study
 - Expected completion October 2021
- Air Quality Programs:
 - Ozone Alert Day and other public outreach activities
 - Air Quality Small Grant and Public Fleet Grant Programs
 - Ozone Advance
 - Promotion of alternative transportation

REGIONAL AVERAGE OF 4TH HIGHEST O₃ READING



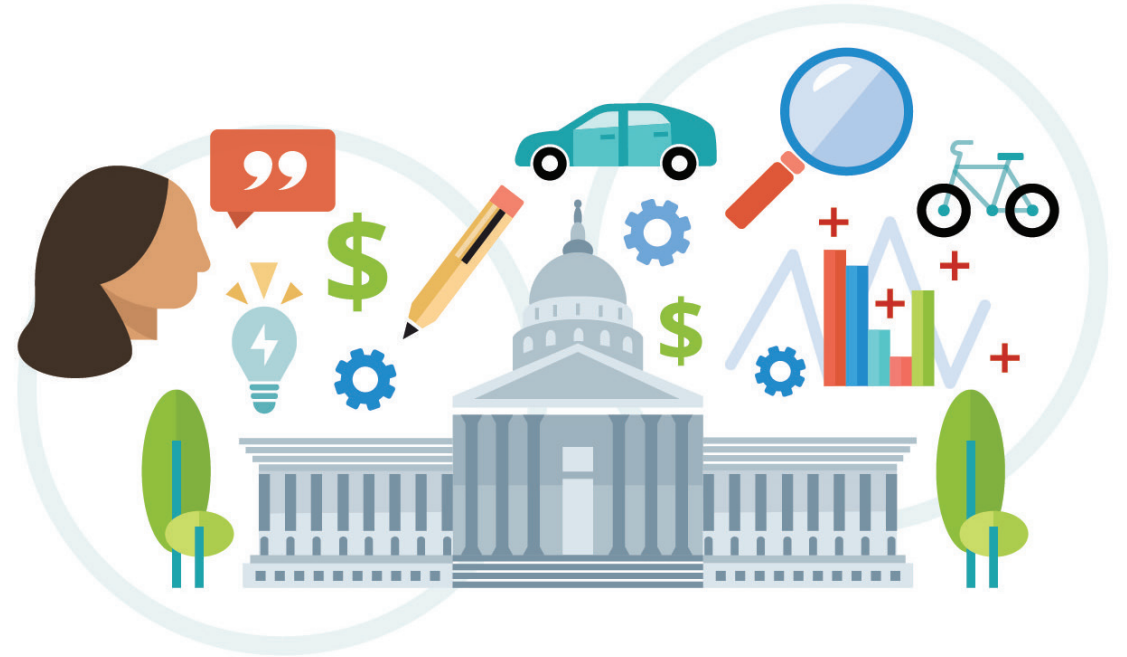
2

ADDITIONAL RECOMMENDATIONS

- Regional Intelligent Transportation Systems (ITS) and Congestion Management Process (CMP) Strategies
- Expanded Electric Vehicle (EV) Charging Network
- Planning for Connected and Autonomous Vehicles, Micromobility, and Emerging Transportation Options

PROJECTED COSTS AND IMPACTS

- Costs and Revenues
 - Financial Plan
 - More than \$10 billion (anticipated)
 - Majority of the cost is for maintenance
- Social, Economic, and Environmental Impacts
 - Impact Analysis
 - Air Quality Modeling
 - Does not replace NEPA



PLAN ADOPTION

- Public Involvement
- Draft Plan Document
 - Public review and comment period
 - Resources:
 - > <https://www.acogok.org/transportation-planning/encompass-2045-plan/>
 - > <https://encompass-2045-acog.hub.arcgis.com/>
- Final Plan Adoption
 - November 18, 2021



QUESTIONS?

Jennifer Sebesta

TPS Manager

O: 405.234.2264

jsebesta@acogok.org

acogok.org

ASSOCIATION OF
CENTRAL OKLAHOMA
GOVERNMENTS

acog