



CITY OF NORMAN

Norman's Traffic Management Center

Community Planning & Transportation Committee
October 22, 2026

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Building an Inclusive Community

TMC Design



Proposed Operation of Our TMC

- 3 stations (+1 in ECOC)
- One Operator per station
- Ability to monitor/manage/change over 1,000 traffic signals
- Over 500 live video feeds



Staffing Plan

Staffing Our TMC

- We landed on the idea that students – especially ones skilled with computers (gamers) – could be naturally skilled operators
- With the desire to staff the TMC in three separate shifts, the following shifts were advertised in the job description:
 - 7:00 to 10:00 AM Monday-Friday
 - 11:00 AM to 2:00 PM Monday-Friday



Staffing and Operations



TMC Staffing and Operations

- We talked with many people about our staffing plan and were discouraged from pursuing student help
- We persisted because the available shifts worked very well with a student's academic schedule
- We also wanted to find applicants who wanted to grow with us and stick around long-term even after completing their studies
- Some students may not have given a second thought to working in traffic and this opportunity may be enlightening for some
- Working with a large group of students also gave us an opportunity to evaluate future long-term employees in a real work setting
- Our work with the students began with an



Going Live!



April 1, 2026

- With construction substantially complete, we went live with our TMC on April 1, 2026
- While this is also known as April Fool's Day, perhaps this date for a go-live date was appropriate given that many wondered if this day would ever come to be
- Please note that we have a student operator stationed at each of the three control stations



TMC Accomplishments



Since April 1, 2026

- Traffic Monitoring and Adjustments
- Special-Event and Incident Response
- Equipment Monitoring and Reporting
- Data Collection and Operational Improvements



Congestion Monitoring & Response



Daily Monitoring and Adjustment

- Key signalized intersections and corridors are monitored
- 24 PTZ-Capable Cameras
- 300+ Video Detection Units
- When congestion occurs, operators can activate preset event plans to improve operations
- Operators can adjust preset plans to accommodate fluctuating traffic demand, reducing wasted time, and improving coordination



Unexpected Incidents



Daily Monitoring – Periodic Temporary Adjustment

- Norman Fire Dispatch Channel is monitored for collisions or other relevant emergencies
- Operators follow Standard Operating Procedures (SOPs) to manage traffic during incidents, congestion, and lane closures
- Unique events may spur changes to SOPs – Need for Continuous Improvement



Special Event Operation



Seasonal – Oct 17, 2026

- 3 Major Corridors
- 2 Operators, Staffed 3:00 PM to 11:20 PM
- Combination of Preset Plans and Manual Control to Hold Key Movements Green
- Attention to Side Street Demand
- Lindsey Street Clear in 50 minutes
- Flood Avenue Clear in 80 minutes
- State Highway 9 Clear in 90 minutes
- Plans effectively began at 9:50 PM



Data Collection & Continuous Improvement



Since April 1, 2026

- The TMC has built some of its own tools utilizing student help:
 - Assisted Logging Tools
 - Detector Monitoring Tools
 - Relevant logs are shared with field crew for reduced response time
 - These tools help identify and address problems before citizens need to report them



What's Next for Norman's TMC?



Planned 2026-2030

- Operational Improvements
 - Citywide Corridor Retiming
 - Traveler Information Updates
 - SOP Manual
- Federally Funded Safety Projects
 - CCTV PH 2 – Add. 24 per PH
 - Video Detection Upgrades PH 3&4
 - ADMS PH 1





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QUESTIONS



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