

TRANSPORTATION

It is our mission to responsibly deliver, enhance, and maintain vital infrastructure and services for the good of our community.

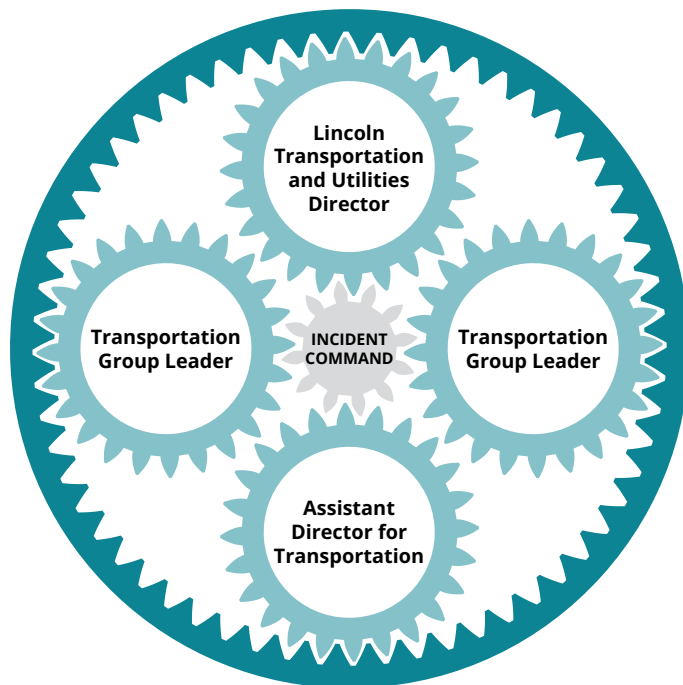


City of Lincoln
**TRANSPORTATION
AND UTILITIES**



For our Transportation Team, success is measured by the phrase "MOVING LINCOLN"—creating, enhancing, and maintaining the transportation infrastructure to support a variety of effective ways for people to get around Lincoln.

TOTAL TEAM RESPONSE UNDER INCIDENT COMMAND STRUCTURE



Helping the entire team create an effective response to best serve the community's needs during an event.

- Operating Procedures Documented
- Operations Planning
- Pre-Event Monitoring
- Pre-Event Preparatory Measures
- Active Event Response Actions
- Post-Event Recovery
- Debrief and Documentation

These steps are carried out by the entire Transportation team, in coordination with the community's specific needs, to ensure a comprehensive and effective response. Examples of such "events" include, but are not limited to, winter weather, floods, tornadoes, wind events, hazardous materials incidents, and special events like road races, biking events, football games, concerts, or any large gatherings of people.

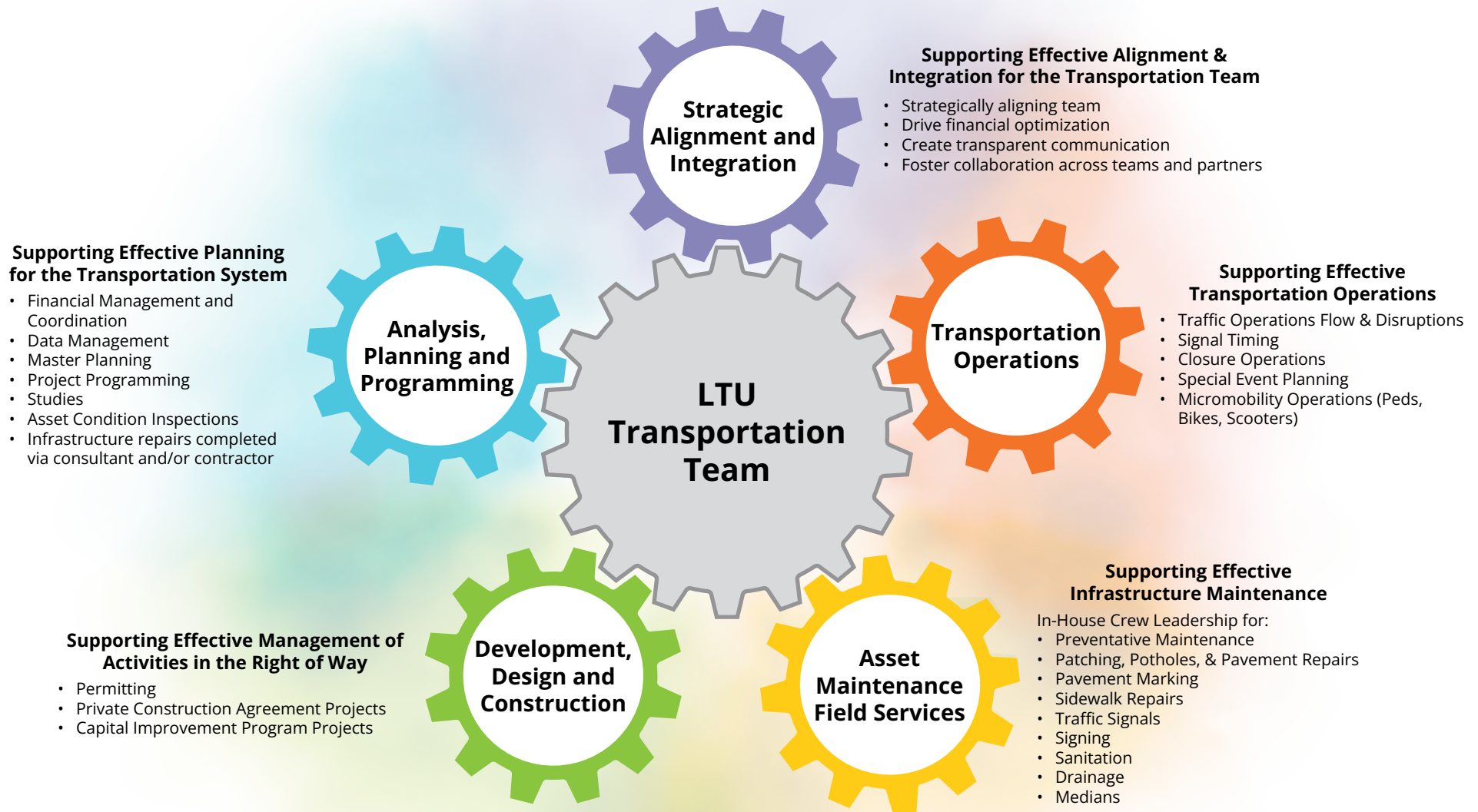
Key Definition: "Effective" means focusing on whether something is accomplished by producing or achieving a desired outcome that aligns with the team's objectives.

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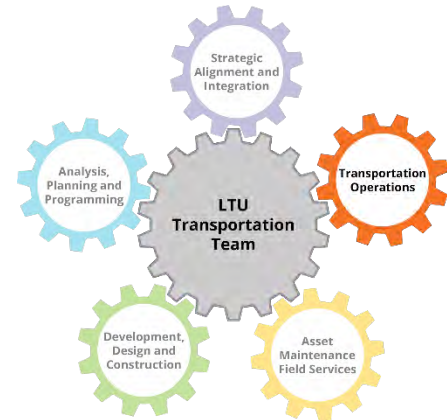




Transportation Operations Overview

Purpose

The Transportation Operations group aims to enhance transportation efficiency by optimizing traffic flow, reducing congestion, and integrating various transportation modes. This involves managing traffic systems, coordinating street closures, and improving infrastructure.



Primary Responsibilities

- **Traffic Management Center:** Monitor traffic operations and adjust the signal system as needed; deployment of message boards and work zone management.
- **Special Event Management:** Coordinate and manage workload and resources across several departments to ensure events are operating in an appropriate manner. (Lincoln Marathon, Uncle Sam Jam, Good Life Halfsy, and Nebraska Football Game traffic)
- **Street Closure Operations:** Coordinate street closures for utilities, construction, and special events, street use permits, over dimensional permits.
- **Emergency Traffic Operations:** Coordinate incident response for accidents, utility breaks, and infrastructure failures.
- **Data Collection/Analysis:** Maintain traffic count program, conduct signal warrant analysis, conduct intersection capacity reviews, and support operational signal phasing, assess signing and marking for the uniform representation to traffic.
- **Network Specialists:** Maintain and troubleshoot the traffic communications network, including ITS devices and ensuring remote connectivity.
- **Bike, Scooter and Other Forms of Transportation:** Manage the City of Lincoln Bike and Scooter program and analyze other forms of transportation as technology advances.

Activities: Key activities include traffic monitoring, signal timing, incident response, deployment of message boards and traffic control devices, lane and sidewalk closures, and special event coordination.

Impact

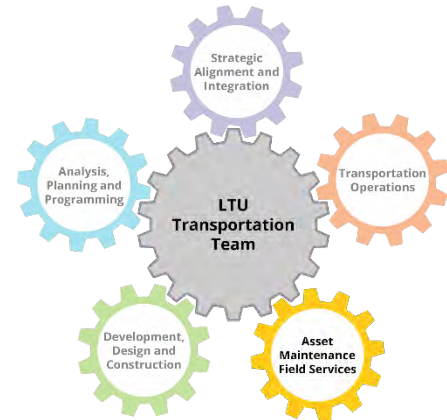
- **Traffic System Management:** Ensure clear communication between internal and external stakeholders for coordinated implementation.
- **Traffic Management Center:** Define protocols for managing software, cameras, and signal optimization.
- **Incident Management:** Set communication strategies for sharing information across departments during incidents.
- **Emergency Operations:** Coordinate with responders and stakeholders for swift actions during critical incidents.
- **Public Communication:** Establish processes for informing the public about traffic impacts and coordinating with utility companies and event organizers for smooth operations.



Asset Maintenance Field Services Overview

Purpose

The Asset Maintenance Field Services group delivers in-house, hands-on general and preventative maintenance and emergency repair and response services, ensuring the continuous functionality and reliability of the transportation system.



Primary Responsibilities

- **Preventative and reactionary activities** for pavement, bridges, sidewalks, and manage and maintain traffic control measures (signals, signage, pavement markings).
- **Routine maintenance** such as concrete and asphalt repairs, pothole patching, unpaved roadway and alley grading and graveling, dust control, repairing and replacing traffic signal equipment, addressing signals in flash, repairing detections, replacing LED modules, cabinet clearing, conduct annual traffic cabinet evaluations.
- **Winter operations:** Plan, program, and deliver the city's response to adverse winter weather providing safer operation of the transportation system for all users.
- **Incident response:** Help lead and support internal and external operations when manmade or natural incidents threaten the safety and security of the city.
- **Storm sewer maintenance:** Ensure the stormwater system is functioning properly through inspection and maintenance of inlets, manholes, closed pipes and open ditches.
- **Street sweeping:** Perform routine sweeping of all paved streets to reduce pollutants from entering local waterways via the storm drain system maintaining environmental compliance.
- **Right-of-way maintenance:** Manage and maintain city ROW such as turf medians, enhanced landscaping, irrigation systems, guardrails, fences and retaining walls.
- **Data collection and asset maintenance activity coordination:** Maintain an accurate database of managed assets to support maintenance programs.

- **Inventory and material management:** Maintain adequate supplies of tools, equipment, and materials to efficiently deliver programs through accurate record keeping and forecasting.

Activities: Key activities include project planning, bidding, inspection, management and performance of infrastructure repairs via internal and contracted resources.

Impact

- **Preventative and reactionary activities:** Ensure clear communication between internal and external stakeholders for coordinated implementation.
- **Routine maintenance:** Define protocols for managing and prioritizing routine repairs.
- **Winter operations:** Set communication strategies for sharing information across departments during incidents. *(Public communication is the highest priority, internal communication is a close second but is primarily FYI for others to base decisions on for their teams.)*
- **Data collection and asset maintenance activity coordination:** Define a robust process to determine how tasks beyond our scope of resources are assigned and accomplished.
- **Materials procurement:** Provide support and internal coordination for timely procurement in accordance with City procedures.

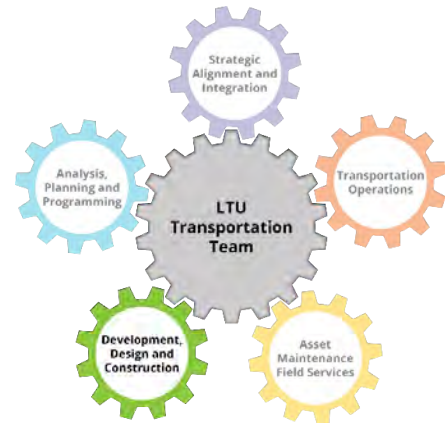


Development, Design and Construction (DDC) Overview

Purpose

The Development, Design and Construction (DDC) group is a vital component of Lincoln Transportation and Utilities' Transportation branch. Its primary purpose is to support effective management of all activities within the City's right-of-way while ensuring that both developer-initiated and capital improvement projects for Lincoln's transportation infrastructure are delivered on time and on budget.

The group provides comprehensive design, coordination, and construction services for a diverse range of infrastructure projects funded through both public and private means. These projects encompass critical elements of urban infrastructure including roadways, traffic signals, sidewalks, storm drainage systems, water utilities, and wastewater facilities. Additionally, the DDC group maintains oversight responsibility for permitting of the transportation system and infrastructure in the public right of way, ensuring compliance with city regulations and standards.



Primary Responsibilities

Project Development and Design

- Lead feasibility studies and concept development.
- Manage procurement and design contracts.
- Oversee Capital Improvement Program (CIP) design projects.
- Develop and maintain City Standard Specifications and Plans.

Construction Management

- Ensure quality, compliance and construction of design plans.
- Provide engineering and inspection services throughout project construction.
- Manage contractor contracts, payment processing, and change orders.
- Verify adherence to specifications, codes and quality standards.

Right-of-Way (ROW) Permitting

- Administer permits for construction in the right-of-way:
 - o Curb cut permits for driveway access
 - o Street cut permits for utility work
 - o Temporary construction access
 - o Sidewalk repair and replacement
 - o Fiber optic installation permits
 - o Underground utility placement
 - o Utility pole installation/replacement
 - o Service line connections
 - o Roadside memorial permits
 - o Special event road usage
 - o Oversized load transportation
 - o Temporary street closures
 - o Ensure compliance with city standards for public right-of-way use.

Private Development Oversight

- Review private development plans.
- Conduct inspections and grant final project approvals.
- Facilitate Private Construction Agreements for public infrastructure.

Impact

The work of the Development, Design and Construction group is fundamental to Lincoln's urban development and infrastructure sustainability. By ensuring that transportation projects are properly designed, permitted, and constructed, the DDC group directly contributes to:

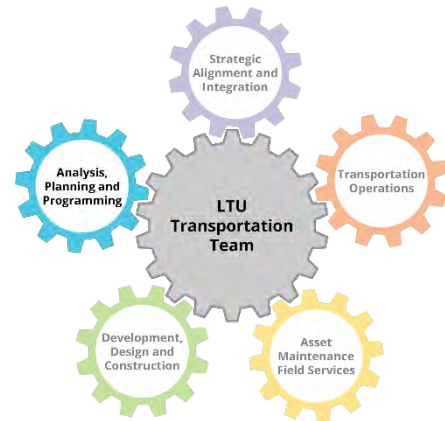
- Enhanced public safety through properly designed and built infrastructure
- Economic growth by facilitating efficient commercial and residential development
- Improved quality of life for Lincoln residents through accessible multi-modal transportation options
- Long-term fiscal responsibility and sustainability through durable infrastructure that meets design specifications
- Advances LTU's mission of service to the Lincoln community: to responsibly deliver, enhance, and maintain vital infrastructure and services for the good of the community.



Analysis, Planning and Programming (APP) Overview

Purpose

The Analysis, Planning and Programming (APP) group is responsible for analyzing, evaluating, planning, and programming Lincoln's transportation infrastructure with a focus on strategic investment, operational safety, and transportation system performance. This group provides a comprehensive, data-driven approach to infrastructure planning, public mobility, and project programming. The group plays a critical role developing best practices and guiding decisions that support safe, efficient, and sustainable transportation for multimodal travel.



Primary Responsibilities

Strategic Planning and Infrastructure Management

- Evaluate and prioritize infrastructure needs for streets, bridges, sidewalks, curb ramps, and signals using data and performance metrics.
- Maintain inventories and conduct inspections for streets, bridges, sidewalks, curb ramps, and traffic signals.
- Manage the Sidewalk Repair and Reimbursement Programs.
- Program capital improvement projects and assist with project development.
- Coordinate emergency repair responses and field evaluations, railroad crossings and community member requests.
- Develop and monitor the Transportation Capital Improvement Program (CIP) and Transportation Improvement Program (TIP).
- Collaborate with the Metropolitan Planning Organization (MPO) and regional agencies on infrastructure planning and programming.
- Administer special assessment districts for paving, repaving, sidewalks, grading/graveling, water, wastewater and ornamental lighting.

Technical Operations and Field Services

- Lead safety initiatives including conducting crash data analysis and intersection safety reviews.
- Review development and infrastructure plans.
- Lead updates to traffic engineering standards and Municipal Code Title 10.

- Respond to community inquiries regarding infrastructure and traffic operations.
- Maintain and update GIS layers for pavement markings, school walking routes, truck routes, sidewalks, curb ramps, bridges, and other assets.
- Manage and analyze the street conditions database.
- Conduct technical studies and field data collection, including:
 - o Speed studies
 - o Traffic counts
 - o Intersection control studies (Stop/Yield)
 - o Traffic calming evaluation
- Manage Durable Pavement Marking contracts and inspections.
- Develop and manage the Vision Zero program with the goal to eliminate traffic fatalities and serious accidents.
- Review Over Dimensional Permits through city limits and determine route through city limits.
- Evaluate and monitor intersection sight distance compliance.
- Lead traffic safety and multimodal public engagement and education efforts.

Multimodal Oversight

- Manage Safe Routes to School program reviews and implementation.
- Support micromobility planning and infrastructure integration.
- Coordinate pedestrian and bicycle safety improvements.

Impact

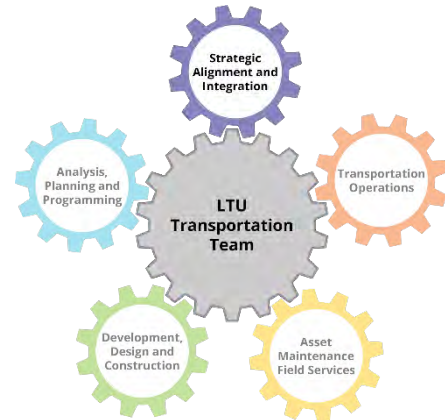
The Analysis, Planning and Programming group plays an essential role in shaping Lincoln's transportation network by integrating long-term planning with real-time operational insight. Through its combined focus on system evaluation and traffic engineering, the group enhances infrastructure investment decisions, improves mobility, and increases safety for all modes of travel. By leading data-driven initiatives and providing timely public engagement, the group ensures that Lincoln's transportation system evolves in alignment with community needs and citywide goals.



Strategic Alignment & Integration Overview

Purpose

The Strategic Alignment and Integration group ensures that transportation initiatives follow a cohesive vision, fostering collaboration across departments and external partners. By integrating financial strategy, operational efficiency, and communication, this group helps the team drive impactful decision-making to support long-term success.



Primary Responsibilities

Align Transportation Activities with Strategic Goals

- Tracking activities of our strategic transportation initiatives.
- Conduct regular reviews of performance metrics and goals for alignment with city-wide objectives for effective success and impact.

Optimize Financial Planning and Budget Efficiency

- Help with budget analysis for transportation operations and CIP programs.
- Oversee funding tracking that maximizes resources and ensures sustainability.
- Develop clear process structures for financial and operational needs.

Strengthening Customer Service and Team Communication

- Facilitate regular communication processes to enhance collaboration, coordination and transparency.
- Assist in public outreach and community involvement to address concerns and gather input.

Foster Cross-Team and External Partnerships Integration

- Ensure seamless integration Financial and Procurement support
- Human Resources Processes and Record keeping
- Permitting and Program Support
- Bolster the Permitting and Program Activities

Impact

Through leading streamlined alignment and integration, the group enhances Transportation team decision-making, facilitates optimization of resources, and strengthens organizational collaboration. This ensures transportation initiatives are efficient, financially sound, and strategically positioned to serve the community and adapt to future challenges.