



# ***LANGAN***

**Advanced Transportation Techniques:  
Enter... Enjoy... Exit**

Technical Excellence · Practical Experience · Client Responsiveness



Langan is committed to providing  
a healthy and safe work environment.

Mark Devaney, LEED AP  
Vice President, Business Development  
201.312.4427  
mdevaney@langan.com

**1 800 LANGAN | [www.langan.com](http://www.langan.com)**

# Advanced Transportation Techniques: Enter... Exit... Enjoy

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Traffic and parking create the first and last experience of every guest that visits your facility. Langan experts have been providing event traffic and parking operations consulting for decades.



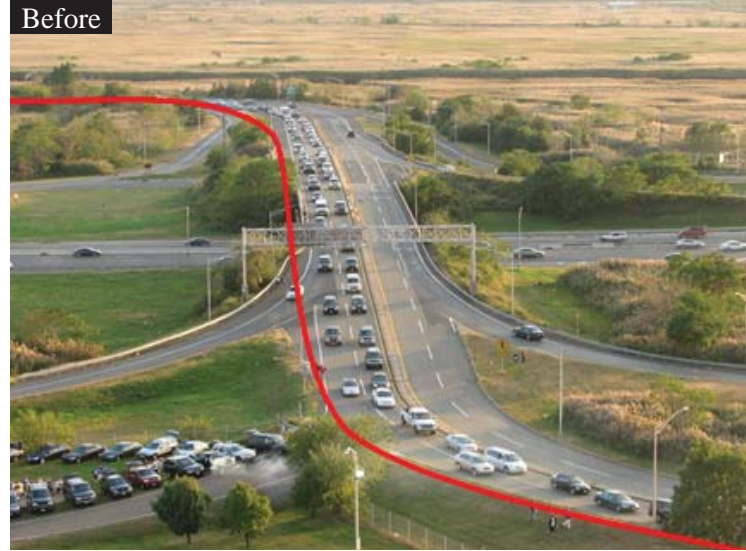
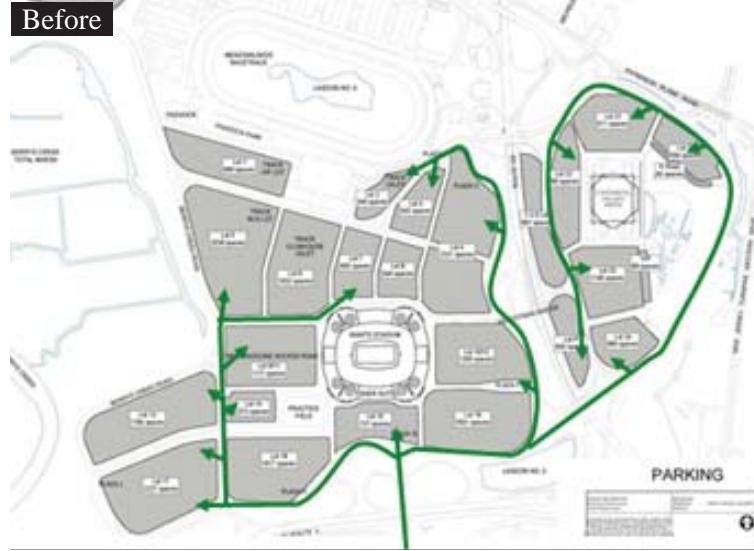
We use advanced simulation models to analyze the flow of pedestrian and vehicular traffic throughout a site. These models help identify operational bottlenecks and test various mitigation strategies.



Our models help evaluate existing emergency evacuation plans, confirm utilization of all exit routes, and compare model outputs with target exit times. Langan also uses simulation modeling to develop emergency evacuation procedures where no plans are in place.

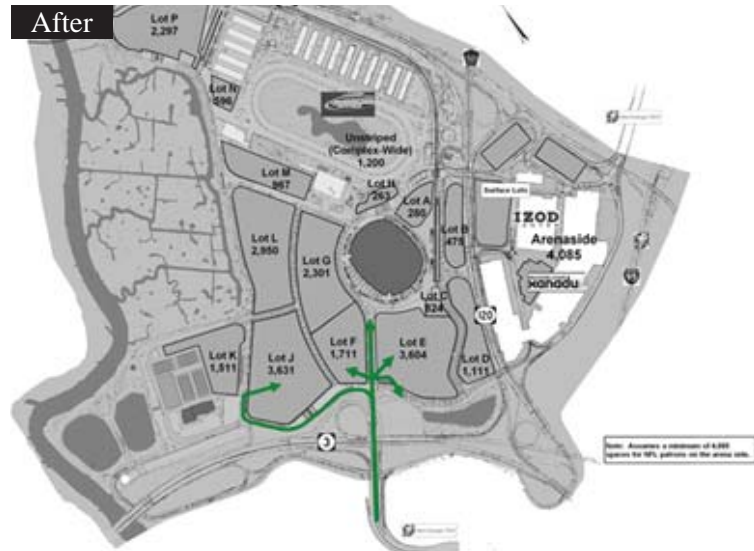
# MetLife Stadium - Game Day Operations

East Rutherford, NJ



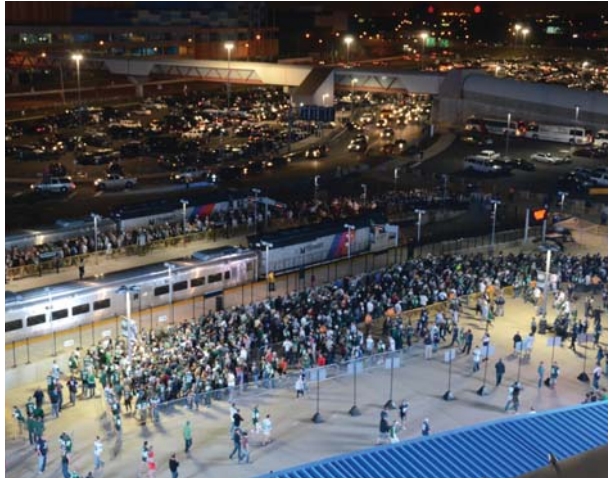
*Langan's unique simulation model visualizes the flow of over 200,000 vehicles and 80,000 pedestrians within the vicinity of the NFL stadium during every New York Giants and Jets home game.*

CLIENT:  
New York Football Giants  
New York Jets



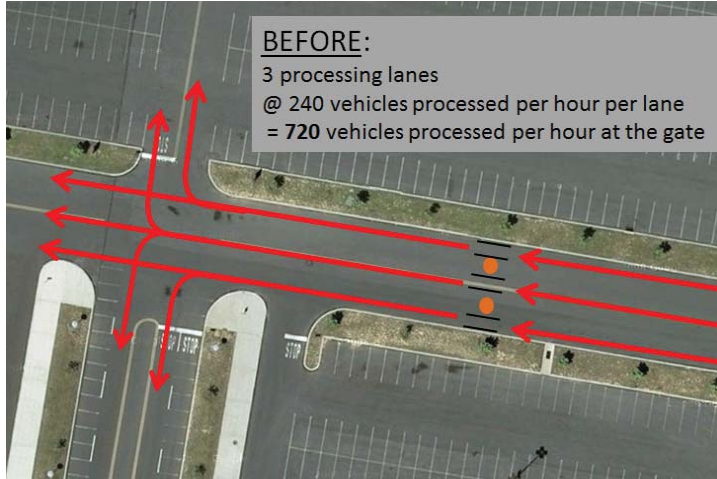
Services Provided:  
Master Planning  
Traffic  
Parking Studies  
Signage and Wayfinding

In the NFL, nothing matters more than fans and Langan has enhanced their gameday experience by greatly decreasing traffic congestion prior to kickoff, while also reducing egress times by nearly one hour.



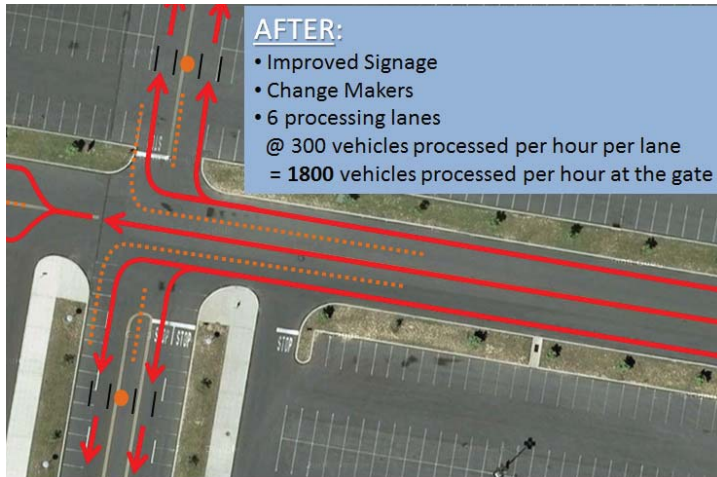
# Philadelphia Sports — Cutting Queue Times

Philadelphia, PA



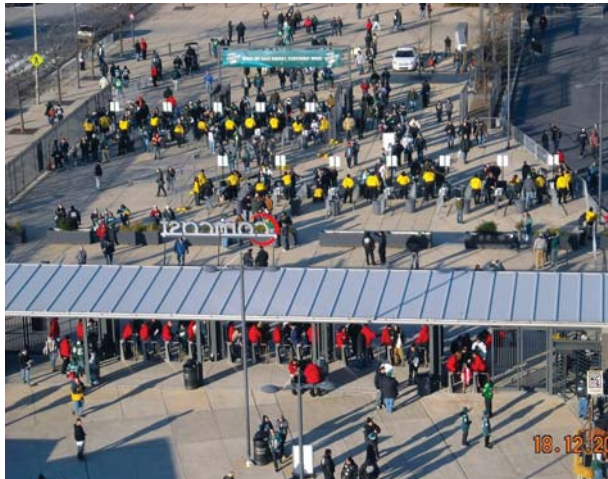
*Langan evaluated existing operations at Citizens Bank Park, Lincoln Financial Field, and the Wells Fargo Center.*

**CLIENT:**  
Mayor's Office for Transportation  
Philadelphia Industrial Development Corporation



**Services Provided:**  
Transportation Planning  
Traffic  
Event Operations Planning  
Simulation Modeling

Langan's innovative simulation model improved the experience of Philadelphia sports fans by reducing traffic queues on multiple departure routes by more than a mile.



# University of Southern Mississippi — Evacuation Modeling

Hattiesburg, MS



*Langan reviewed USM's emergency egress plan and made recommendations to improve game day and emergency egress operations.*

**CLIENT:**  
University of Southern Mississippi

## Services Provided:

- Transportation Planning
- Traffic
- Event Operations Planning
- Simulation Modeling
- Parking Studies



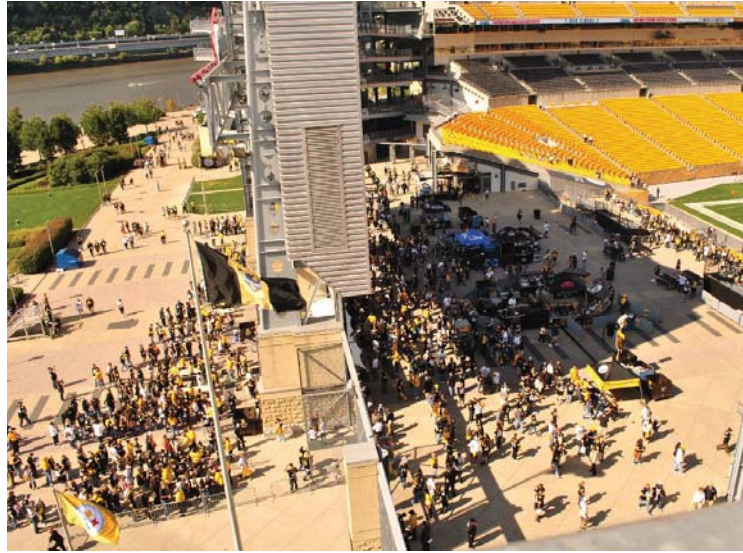


Langan created a simulation model showing the emergency egress of 35,000 fans from the stadium, to their vehicles, and then to a safe off-site location.



# Heinz Field — Supporting the Steel Curtain

Pittsburgh, PA



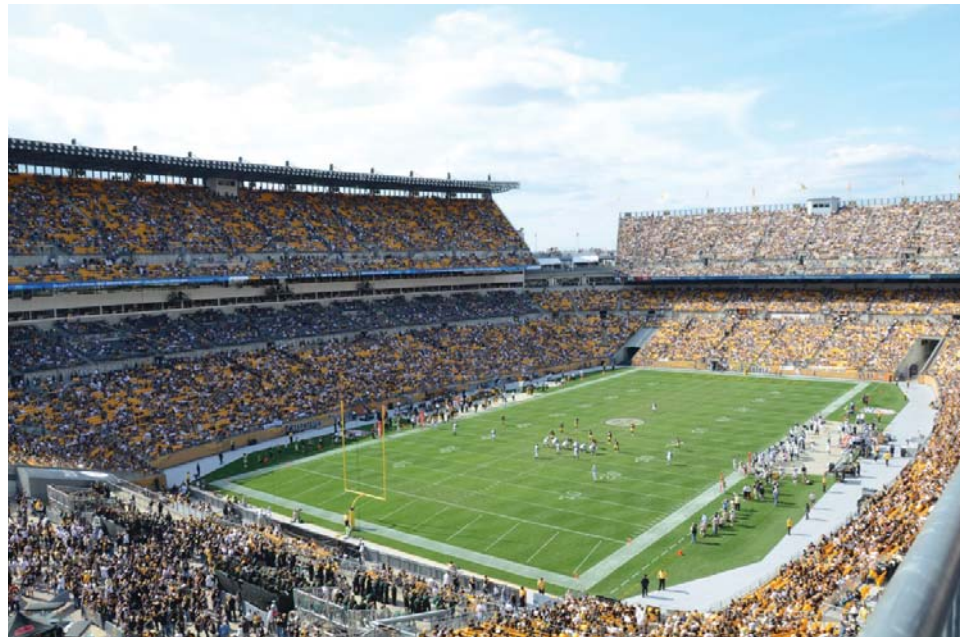
Langan helped prioritize recommendations to improve the traffic and parking experience for guests.

*Langan worked with the Pittsburgh Steelers staff and local agencies to develop a plan to improve ingress and egress at Heinz Field events.*

CLIENT:  
Pittsburgh Steelers

## Services Provided:

- Transportation Planning
- Traffic
- Event Operations Planning



# SunLife Stadium Water Park — Saving Spaces

Miami, FL

Langan's recommendation fostered ADA accessibility, enabled tiered parking zones, and improved ingress/egress.

*Langan developed a plan to reconfigure existing parking regions to mitigate the loss of nearly 2,000 spaces for the development of a water park near the stadium.*

CLIENT:  
The Related Companies



**Services Provided:**  
Parking Facility Design  
Transportation Planning  
Event Operations Planning

# Nationwide Footprint. International Reach.

Elmwood Park, NJ  
New York, NY  
White Plains, NY  
New Haven, CT  
Lawrenceville, NJ  
Philadelphia, PA  
Doylestown, PA  
Bethlehem, PA  
Pittsburgh, PA  
Washington, DC  
Arlington, VA  
Miami, FL  
Fort Lauderdale, FL



San Francisco, CA  
Oakland, CA  
San Jose, CA  
Sacramento, CA  
Irvine, CA  
Bismarck, ND  
Akron, OH  
Houston, TX  
Abu Dhabi, UAE  
Athens, Greece  
Dubai, UAE  
Doha, Qatar  
Istanbul, Turkey

# Health & Safety

Langan's OSHA rates have been lower than the industry average for the past three years.



Langan is committed to providing a healthy and safe work environment. Our goal is to stay accident free every day. To promote our goal to employees, Langan management leads a firm-wide effort that goes beyond compliance with applicable federal and state occupational health and safety laws. We have implemented policies, procedures, operations, and technologies that increase awareness and acceptance of our goal.

Langan strives to avoid work-related injuries to our employees through a program that:

- *Communicates Langan's corporate policy to all employees while at work*
- *Provides effective health and safety training to employees*
- *Develops and enforces policies, procedures, and practices relative to the protection of the health and safety of employees*
- *Eliminates injuries and incidents through hazard identification and risk assessment and the use of site specific health and safety plans*
- *Reports and investigates work-related incidents, injuries, and near-misses*
- *Convenes regular meetings of the corporate Health & Safety Committee where health and safety policy is reviewed and performance is evaluated*
- *Holds weekly health and safety discussions at firm-wide operations meetings*
- *Reinforces to employees that working safely is a condition of employment*
- *Includes subcontractors in our commitment to health and safety*
- *Responds to the needs of our clients*