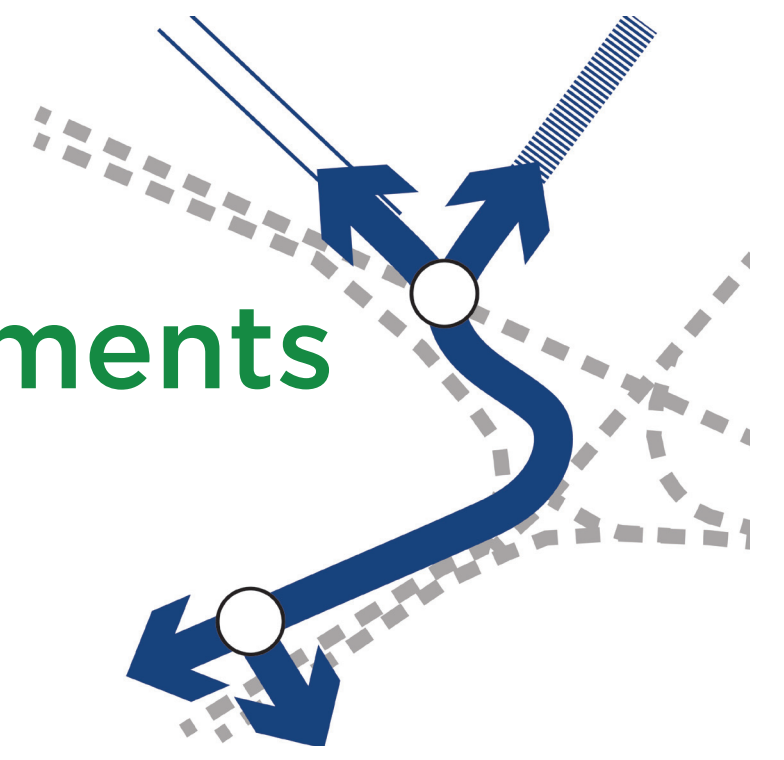


CONCEPT ALTERNATIVE 1

Three Lanes with On-Road Bike Lanes and Sidewalks

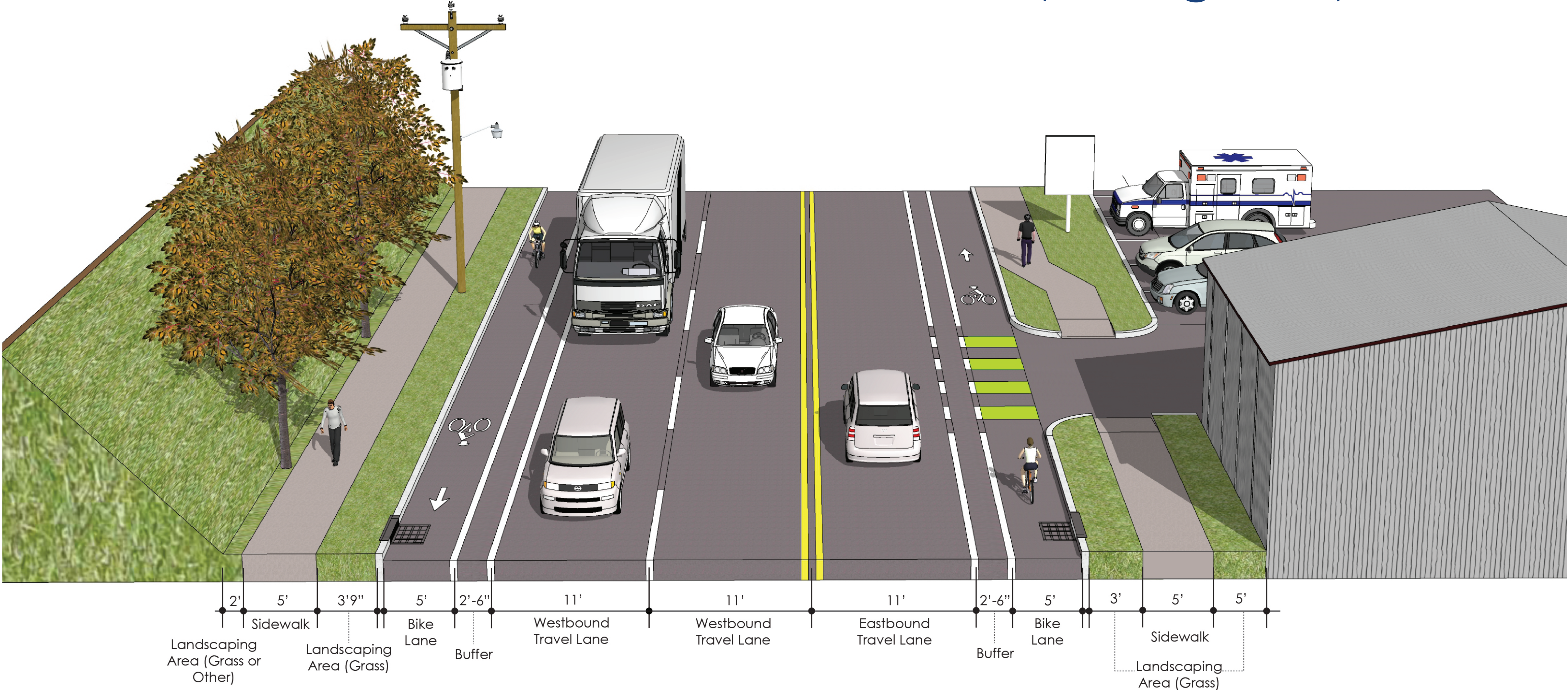


Alternative 1 Facilities

- One eastbound travel lane and two westbound travel lanes
- Continuous 5' sidewalk on both sides
- Buffered bike lanes on both sides
- One eastbound left turn lane and one right turn lane at Front Street intersection

Note: This illustration is a general representation and may vary due to changing conditions and constraints within the project boundaries

Section View at Reardon Steel (Facing East)



MOTOR VEHICLE SAFETY

- Widen travel lanes through the Bottleneck to 11' minimum
- Add shoulders throughout the project limits at 5' minimum which removes inlets from wheel paths
- Single eastbound lane eliminates weaving/lane changing through the curve
- Driveway safety improvements to reduce conflicts near the Market Street and 3rd Street Intersection
- Increased distance from travel lanes to fixed objects (e.g. railroad abutments, utility poles, etc.)
- Travel lanes better accommodate trucks through the curve
- Improved sight distance for drivers



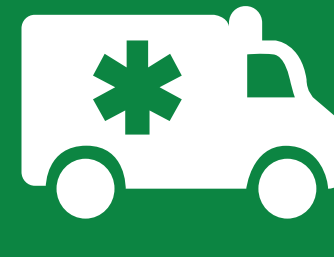
TRAFFIC OPERATIONS

- New traffic signal at Market & Front Street Intersection with improved signal timing
- Improved signal timing at Market & 3rd Street Intersection
- Maintains acceptable traffic Level of Service



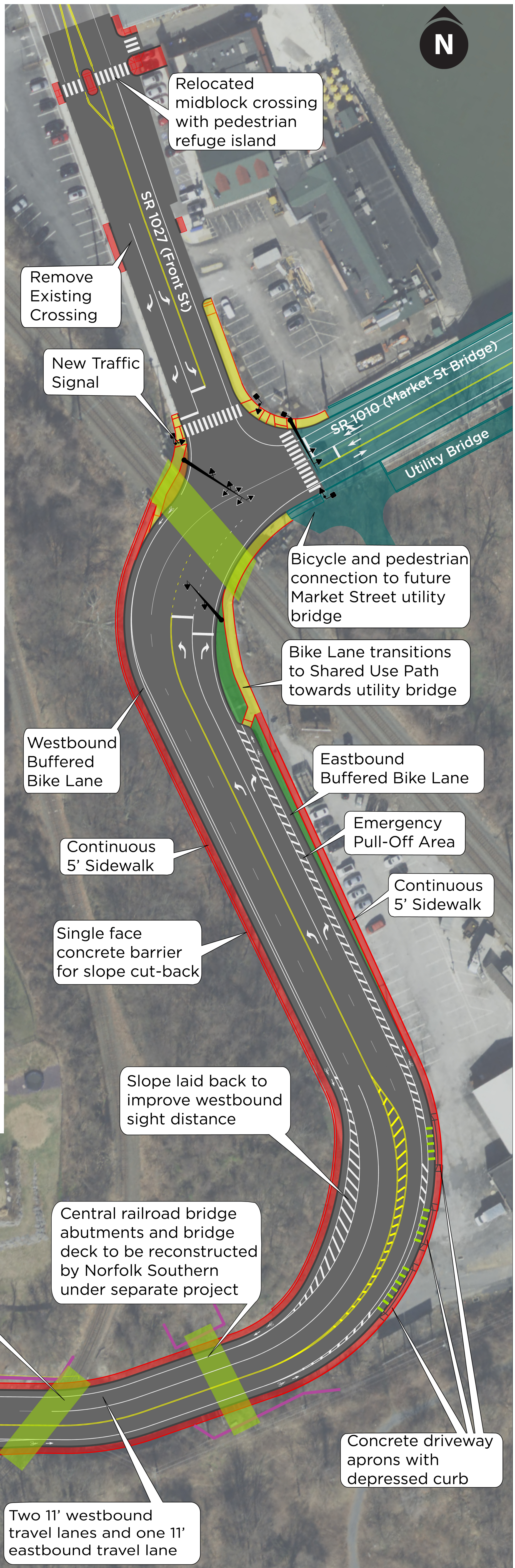
MULTIMODAL FACILITIES

- Continuous ADA compliant sidewalk and ramps on both sides of the roadway for pedestrians
- Buffered bike lanes on both sides with markings to alert motorists (no vertical separation from vehicle lanes)
- Bike and pedestrian connection to future Market Street utility bridge



EMERGENCY SERVICES

- Emergency Vehicle Preemption at both signalized intersection provides primary EMS access
- Buffered bike lanes provide vehicle pull-off area for secondary EMS access
- Single eastbound lane provides easier access in/out of PennState Health Life Lion, LLC



Legend

- Sidewalk
- Shared Use Path
- Landscape Area
- Hardscaping Area
- Railroad Bridge
- Proposed Railroad Bridge Abutment/Walls
- Proposed Market Street Bridge

1 SECTION AT REARDON STEEL

