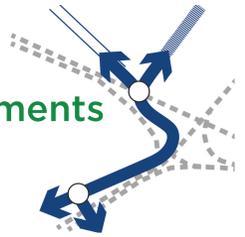


2

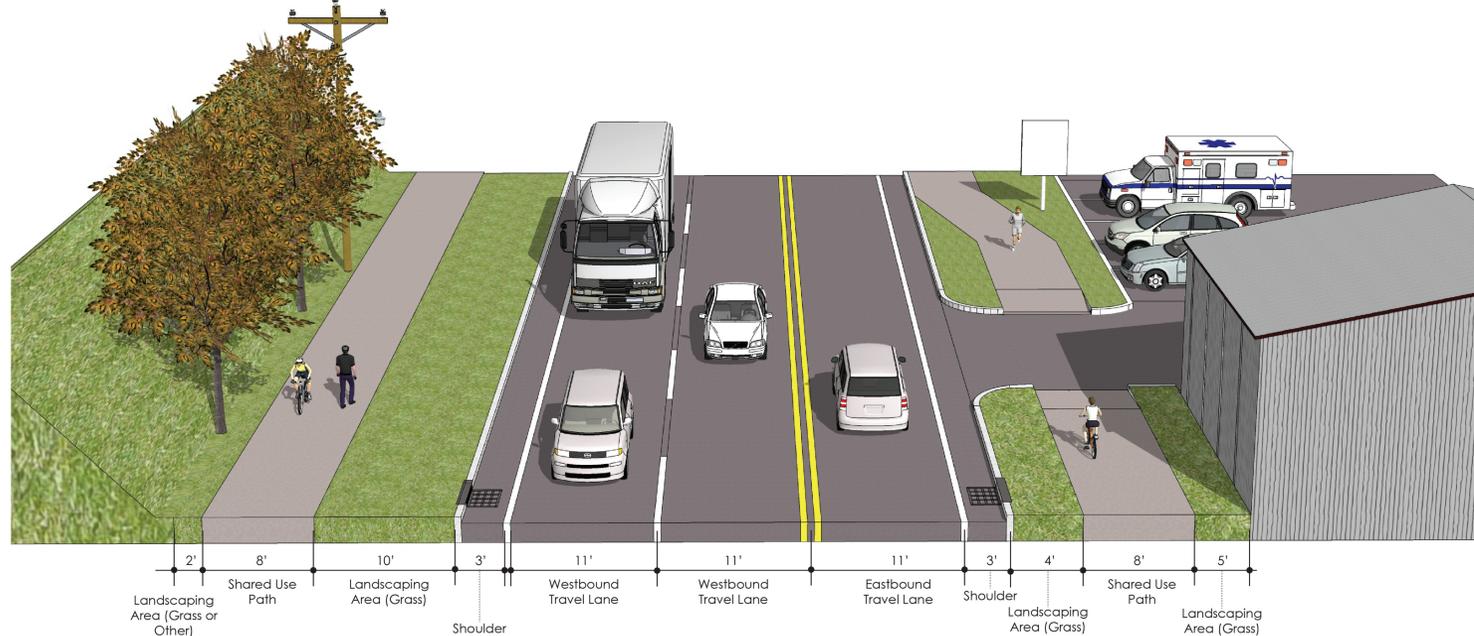
CONCEPT ALTERNATIVE 2 Three Lanes with Shared Use Paths



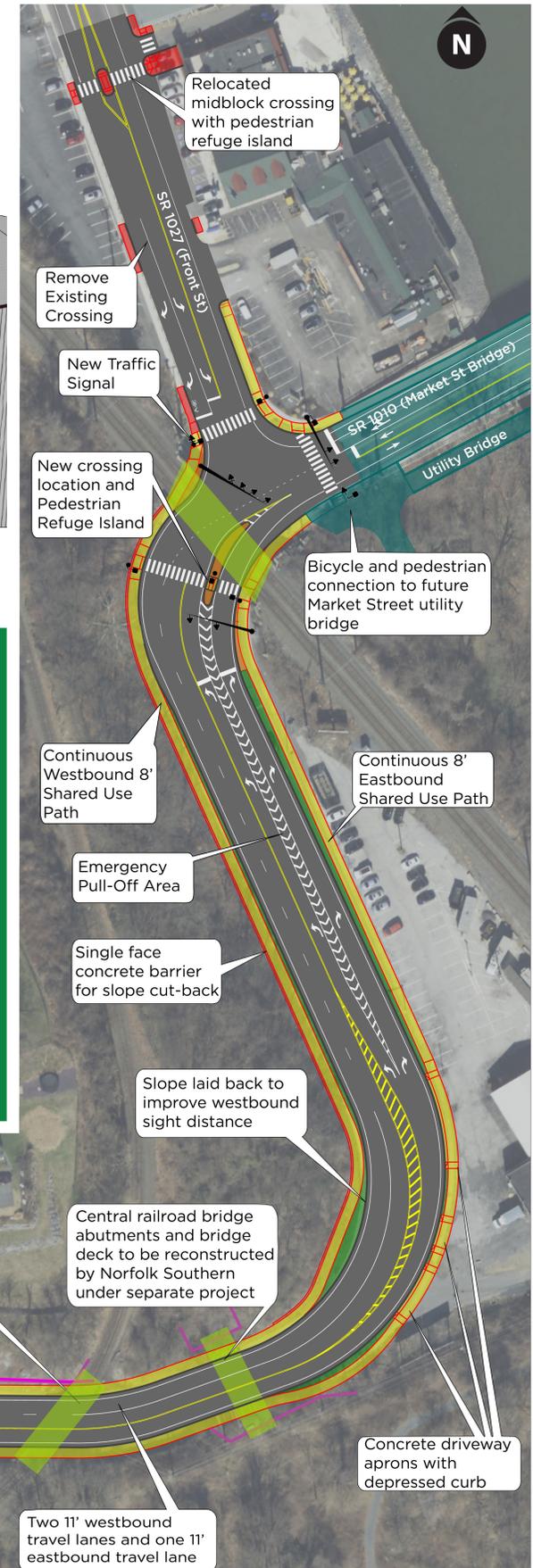
Alternative 2 Facilities

- One lane eastbound and two lanes westbound
- 8' Shared Use Path on both sides with landscaped areas
- Shoulders on both sides (3' typical)
- One eastbound left turn lane and one right turn lane at Front Street intersection

Section View at Reardon Steel (Facing East)



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



<h4>MOTOR VEHICLE SAFETY</h4> <ul style="list-style-type: none"> • Widen travel lanes through the Bottleneck to 11' minimum • Add shoulders throughout the project limits at 3' 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 	<h4>TRAFFIC OPERATIONS</h4> <ul style="list-style-type: none"> • Channelizing island improves navigation through Market & Front Street intersection • 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 	<h4>MULTIMODAL FACILITIES</h4> <ul style="list-style-type: none"> • Continuous ADA compliant shared use paths and ramps on both sides of the roadway for pedestrians and bicyclists • Shared use path on both sides provides continuous vertical separation for bikes from vehicle lanes reducing bicycle level of stress • Bike and pedestrian connection to future Market Street utility bridge 	<h4>EMERGENCY SERVICES</h4> <ul style="list-style-type: none"> • Emergency Vehicle Preemption at both signalized intersection provides primary EMS access • Painted median gore provides secondary EMS access near the Market & Front Street intersection • Single eastbound lane provides easier access in/out of PennState Health Life Lion, LLC
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Legend

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

