

# PATRIOT'S WAY SUMMARY

## • MAJOR ISSUES

Substandard Turning Lane Geometry  
Roadside Obstacle  
Substandard Roadway Geometry  
Deteriorated Pipe Culvert  
Severe Intersection Skew  
Substandard Drainage  
Substandard Intersection Capacity

## • ALTERNATIVES

Four Alternatives and their project costs were identified for this project:

1. **Full Reconstruction** - \$20,941,013
2. **Minor Reconstruction** - \$11,179,223
3. **Spot Improvements** - \$7,190,580
4. **No Build** - \$0

Portions of Alternative 2 and 3 can be interchanged with each other to meet public concerns.

### FULL RECONSTRUCTION

*Involves reconstruction of Patriots Way, Avenue of Honor, Peterkins Road and Zoar Road*

*Improvements include the following:*

1. New pavement
2. New drainage and stormwater management systems
3. Entrance improvements at Sussex Central High School
4. Safety improvements at "S-curve" on Patriots Way
5. Replacement of deteriorated pipe culvert
6. Re-Alignment of Patriots Way and Peterkins Road intersection
7. Cul-de-sac Patriots Way north of Peterkins Road intersection
8. Capacity and operational improvements including sign installation at Peterkins Road/Zoar Road intersection
9. Capacity and operational improvements at Patriots Way/Zoar Road intersection

### MINOR RECONSTRUCTION

*This alternative involves reconstruction of portions of Patriots Way, Peterkins Road and Zoar Road*

*Improvements include the following:*

1. New pavement
2. New drainage and stormwater management systems
3. Entrance improvements at Sussex Central High School
4. Safety improvements at "S-curve" on Patriots Way
5. Replacement of deteriorated pipe culvert
6. Re-Alignment of Patriots Way and Peterkins Road intersection
7. Minor Capacity and operational improvements at Peterkins Road and Zoar Road intersection through the addition of left turn lanes on Zoar Road
8. Cul-de-sac Patriots Way north of Peterkins Road intersection

### SPOT IMPROVEMENTS

*This alternative is intended to improve safety and operations at several locations on Patriots Way, Peterkins Road and Zoar Road*

*Improvements include the following:*

1. New pavement
2. New drainage and stormwater management systems
3. Entrance improvements at Sussex Central High School
4. Safety improvements at "S-curve" on Patriots Way
5. Replacement of deteriorated pipe culvert
6. Better define Patriots Way/Peterkins Road Intersection
7. Operational improvements including sign installation at Peterkins Road/Zoar Road intersection

### NO BUILD

*This alternative proposes NO MODIFICATIONS to the Project Area*

## • TIMELINE

Preliminary Design.....	November	2008
Public Workshop.....	December	2008
Final Design.....	February	2010
R/W Acquisition.....	February	2010
PS & E.....	September	2011
Construction.....	Spring	2012

## • ENVIRONMENTALLY SENSITIVE AREA POSSIBLE HOUSING:

American Brook Lamprey (fish)  
Ironcolor Shiner (fish)  
Alewife Floater (mussel)  
Northern Lance (mussel)  
Blackbanded Sunfish (fish)  
Yellow-throated Warbler (bird)  
*All species are either extremely or very rare within the State.*

