

Roundabouts in Connecticut

This presentation describes 4
roundabouts either built or proposed
on state maintained roads in
Connecticut



West Haven Roundabout “Oyster River Roundabout”

- Intersection of Route 162 and S.R. 705 (Ocean Avenue and Jones Hill Road).
- Three pedestrian accidents and one fatal accident (motorcyclist turning left onto Jones Hill Road struck by oncoming car). Several accidents immediately adjacent east of the intersection due to high speeds and sharp curve.
- A traffic signal with a left turn lane was proposed, but it was felt that it would not have addressed several safety concerns.
- A roundabout was chosen for safety enhancements and capacity improvements.



West Haven (Before)

Intersection of Route 162 and S.R. 705



Connecticut Department of Transportation



West Haven (Concept)

Intersection of Route 162 and S.R. 705



Connecticut Department of Transportation



West Haven (Completed)

Intersection of Route 162 and S.R. 705



Connecticut Department of Transportation



West Haven (Completed)

Intersection of Route 162 and S.R. 705



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Killingworth Roundabout

- Intersection of Route 80 and Route 81.
- Existing roundabout had excess pavement which allowed higher speeds and conflicts between entering and circulating traffic.
- Minor widening and alignment adjustments improved deflection and slowed speeds approaching and in the roundabout.
- Additionally, a truck apron was installed so that vehicles with a large turning radius could properly use the roundabout.



Killingworth (Before)

Intersection of Route 80 and Route 81



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Killingworth (Completed)

Intersection of Route 80 and Route 81



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Killingworth (Completed) Intersection of Route 80 and Route 81



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Ellington Roundabout

- Will begin construction Spring 2011.
- Intersection of Route 74 and Route 286 locally known as “Five Corners”.
- Roundabout chosen to reduce congestion and improve the flow of traffic during peak hours.
- Once completed, this location will be the first five-leg roundabout on a State maintained road.



Ellington Roundabout (Existing)



Connecticut Department of Transportation



Ellington Roundabout (Proposed)



Intersection Reconstruction
Conceptual Design
Roundabout at Routes 74 & 286
Town of Ellington



Connecticut Department of Transportation

Salem Roundabout

- Selected to improve safety at Salem “Four Corners” Routes 85 and 82.
- Large number of head-on turning accidents at this intersection and also at the driveway just east of the intersection on Route 85.
- A roundabout will eliminate this type of maneuver, improving intersection safety.



Salem Roundabout (Existing)



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Salem Roundabout (Existing)



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Salem Roundabout (Proposed)



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Salem Roundabout (Proposed plan)

