

Route 28 Corridor Safety Study:

Preliminary Audit Results



Corridor Advisory Committee Meeting

June 25, 2009

Meeting Purpose

- Review Safety Audit results
- Reach consensus on “Top Ten List”
- Discuss land use analysis
- Meet consulting engineer team
- Discuss next steps/establish meeting date in July

Corridor-wide Issues / Solutions



Issues:

- Pavement edge of drop-offs
- Structures in the clear zone
- Street name/intersection warning sign
- Run off road crashes
- Lack of illumination
- Passing zones through intersections
- Overgrown vegetation
- End treatment on guardrails
- Pavement marking on side streets
- Signal adjustments and updates

Corridor-wide Issues / Solutions

Solutions:

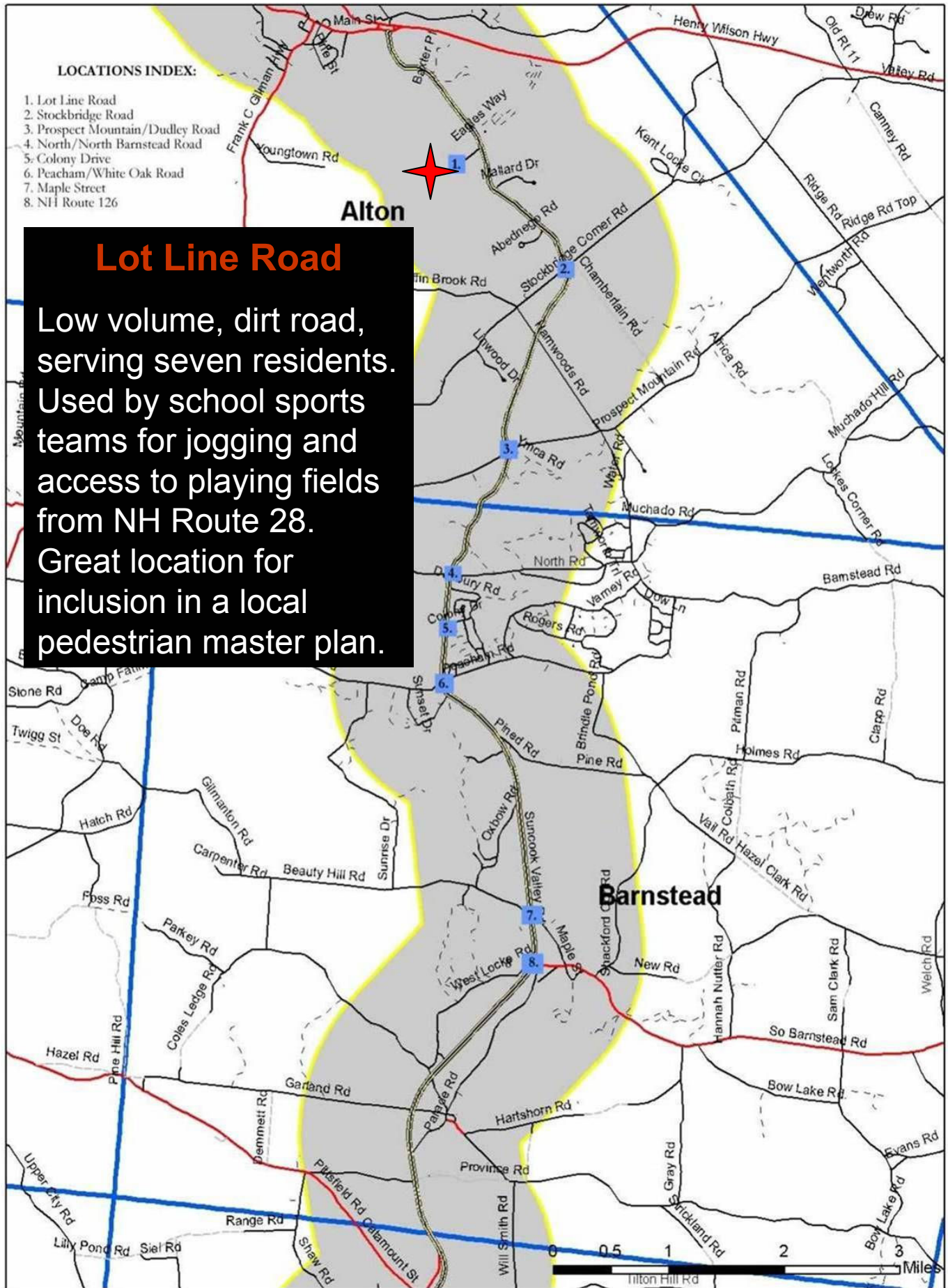
- Apply safety edge corridor-wide
- Consider edge line rumble stripes
- Consider feasibility of passing zones (through intersection)
- Replace existing signs according with the MUTCD current standards and add new as appropriate
- Include street name with all intersection warning signs
- Establish program to trim vegetation
- Stripe side streets as appropriate with center line and stop bars
- Install correct end treatment on guardrail s
- Align caution lights at intersections and consider LED upgrades

LOCATIONS INDEX:

- 1. Lot Line Road
- 2. Stockbridge Road
- 3. Prospect Mountain/Dudley Road
- 4. North/North Barnstead Road
- 5. Colony Drive
- 6. Peacham/White Oak Road
- 7. Maple Street
- 8. NH Route 126

Lot Line Road

Low volume, dirt road, serving seven residents. Used by school sports teams for jogging and access to playing fields from NH Route 28. Great location for inclusion in a local pedestrian master plan.

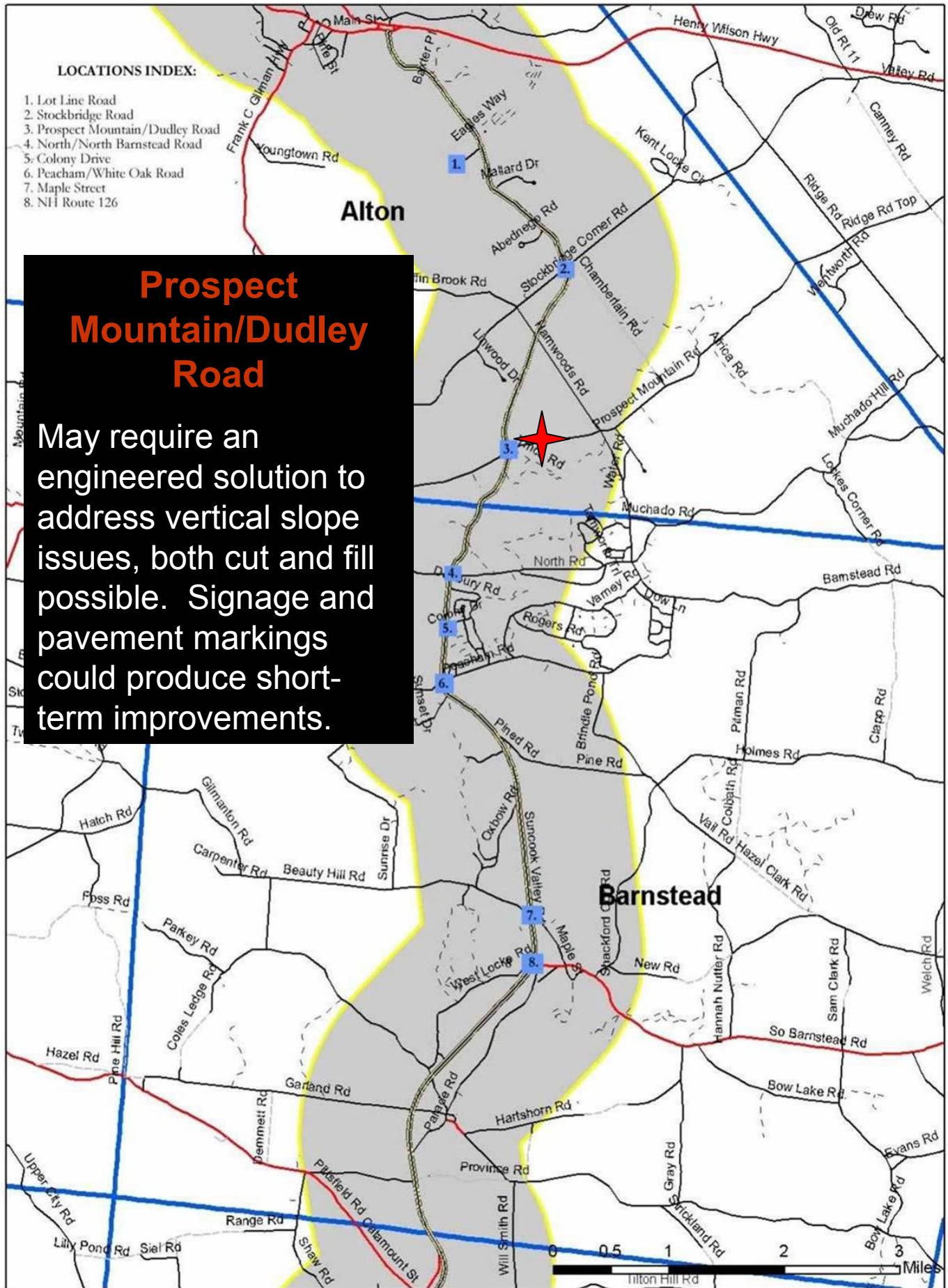


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Prospect Mountain/Dudley Road

May require an engineered solution to address vertical slope issues, both cut and fill possible. Signage and pavement markings could produce short-term improvements.

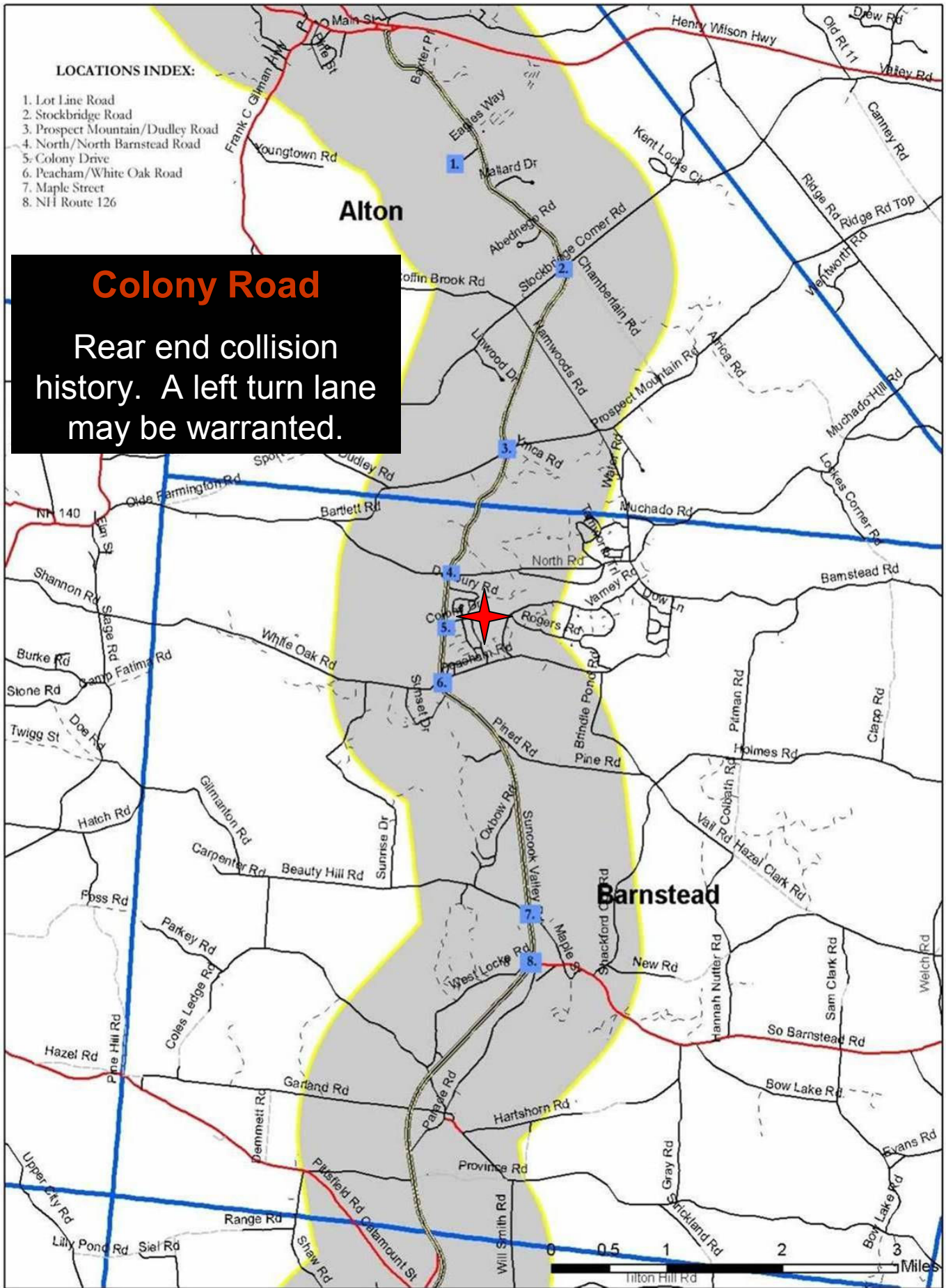


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Colony Road

Rear end collision history. A left turn lane may be warranted.

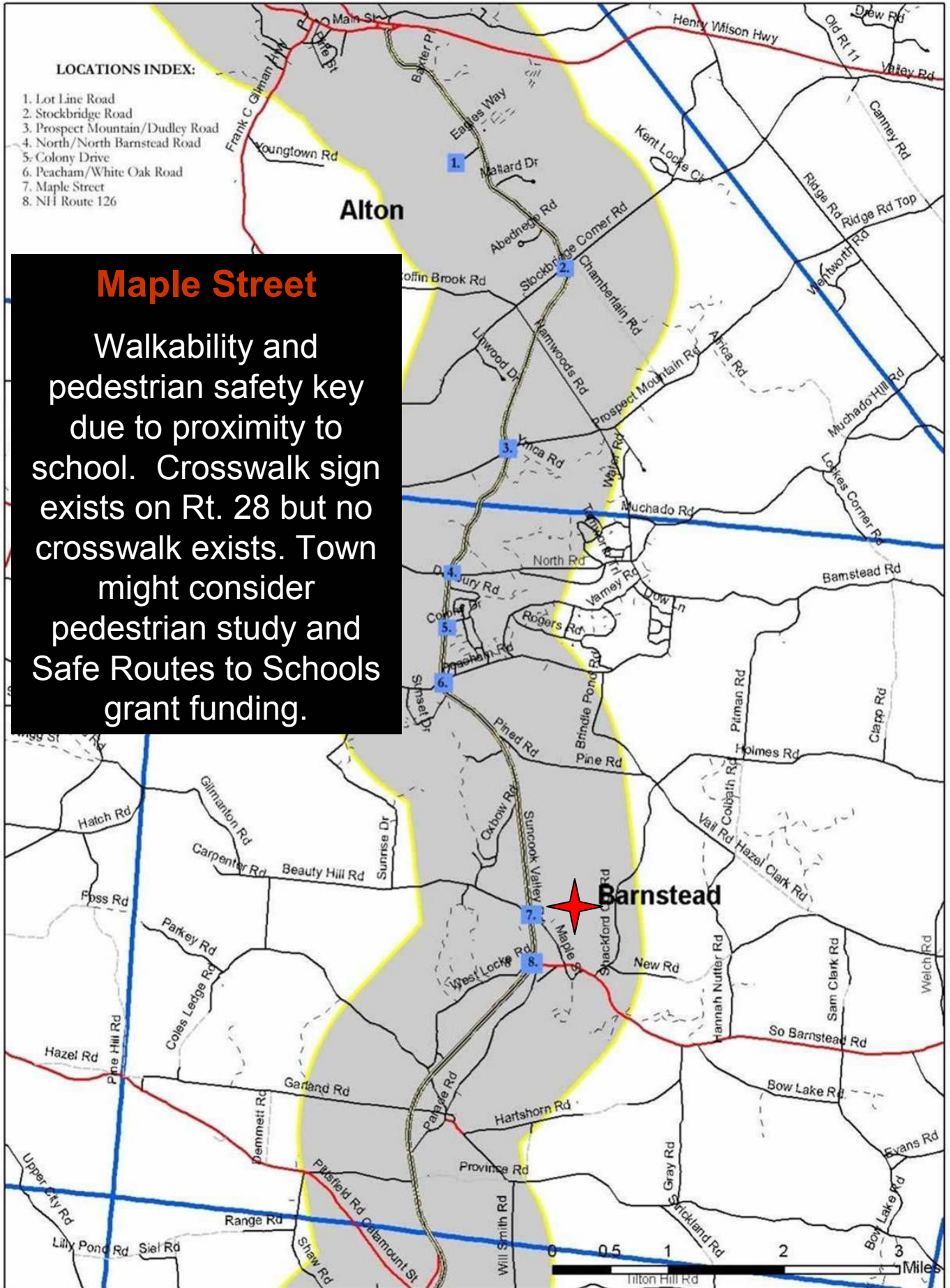


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Maple Street

Walkability and pedestrian safety key due to proximity to school. Crosswalk sign exists on Rt. 28 but no crosswalk exists. Town might consider pedestrian study and Safe Routes to Schools grant funding.

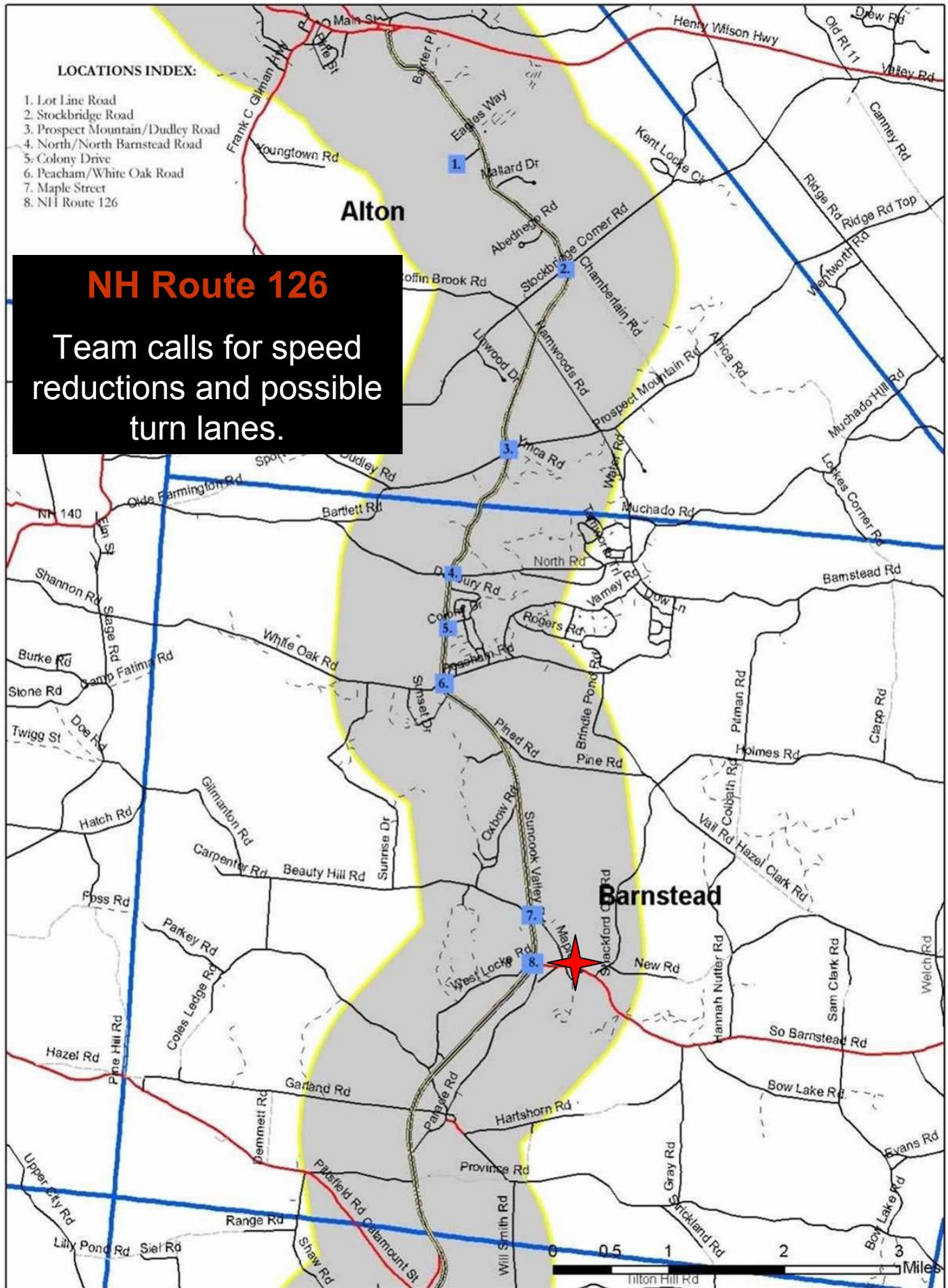


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NH Route 126

Team calls for speed reductions and possible turn lanes.

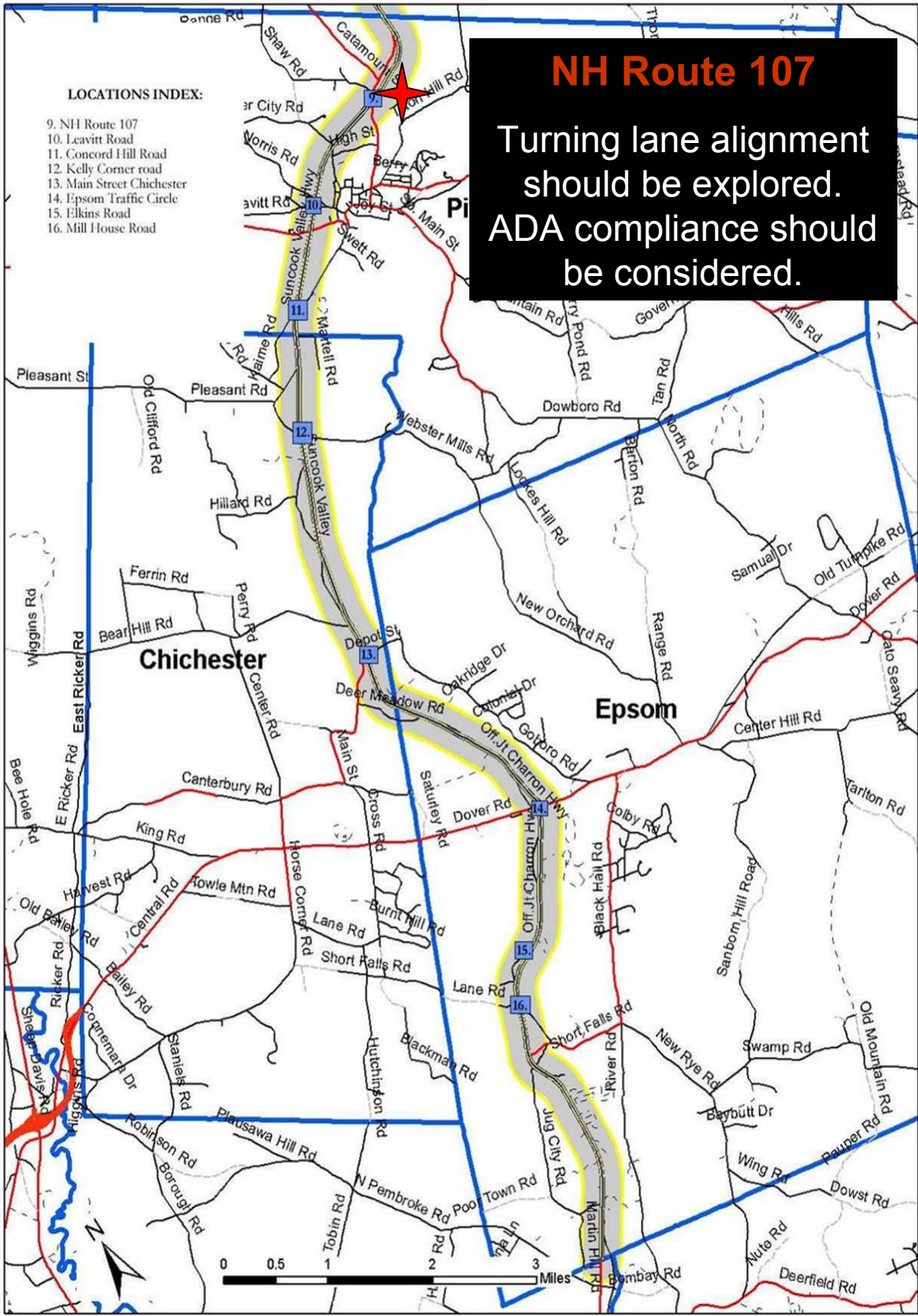


NH Route 107

Turning lane alignment should be explored. ADA compliance should be considered.

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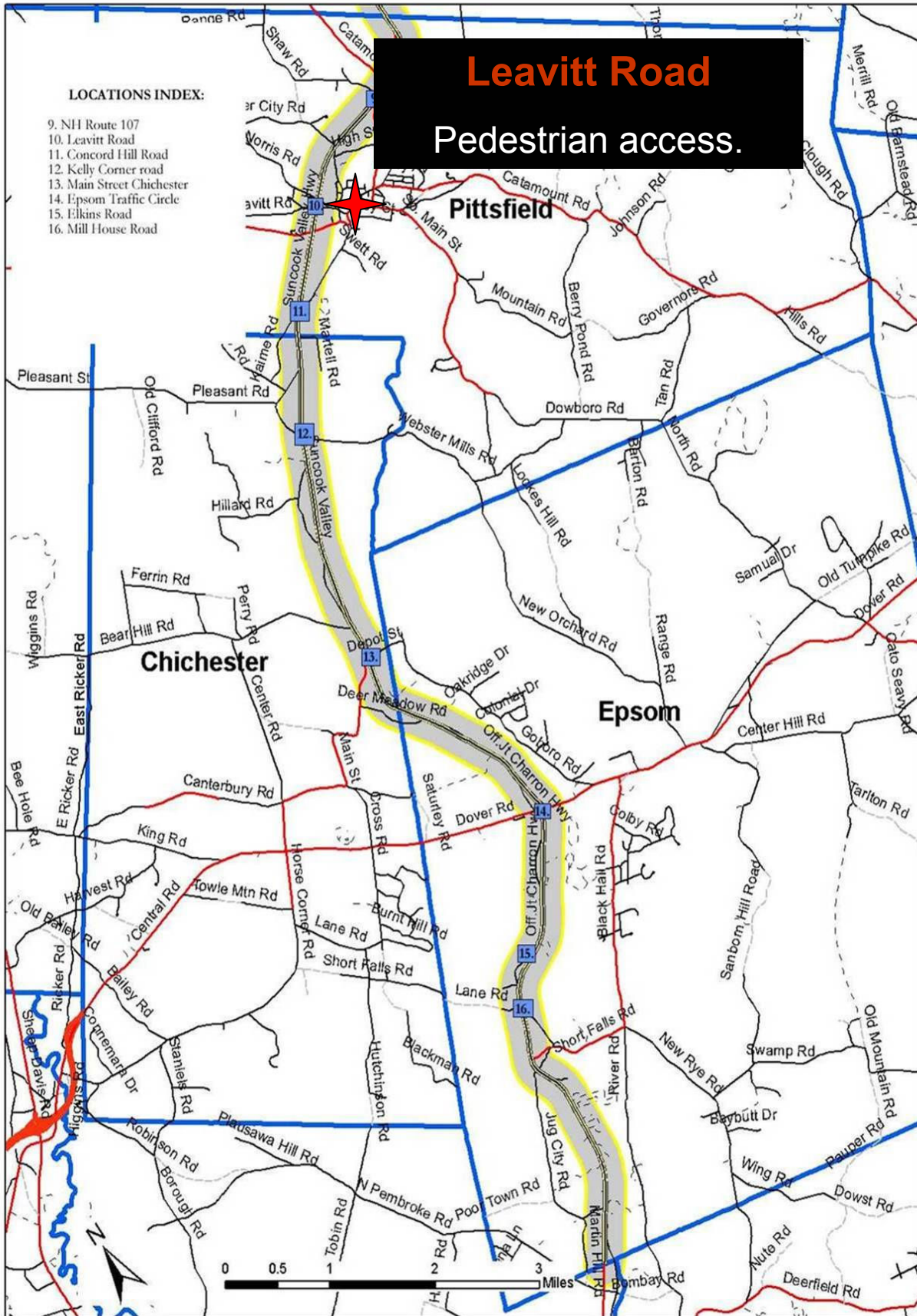
- 9. NH Route 107
- 10. Leavitt Road
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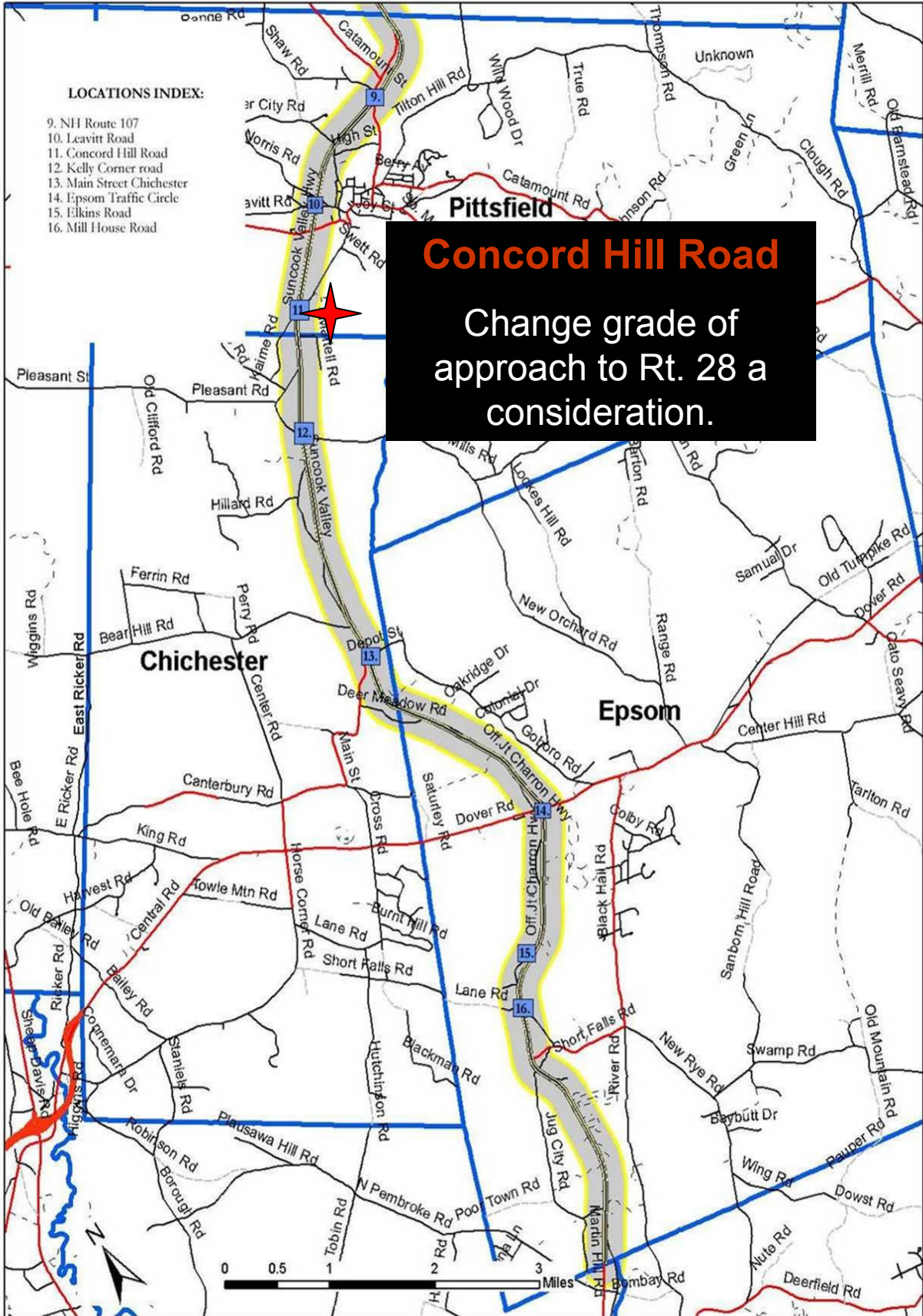


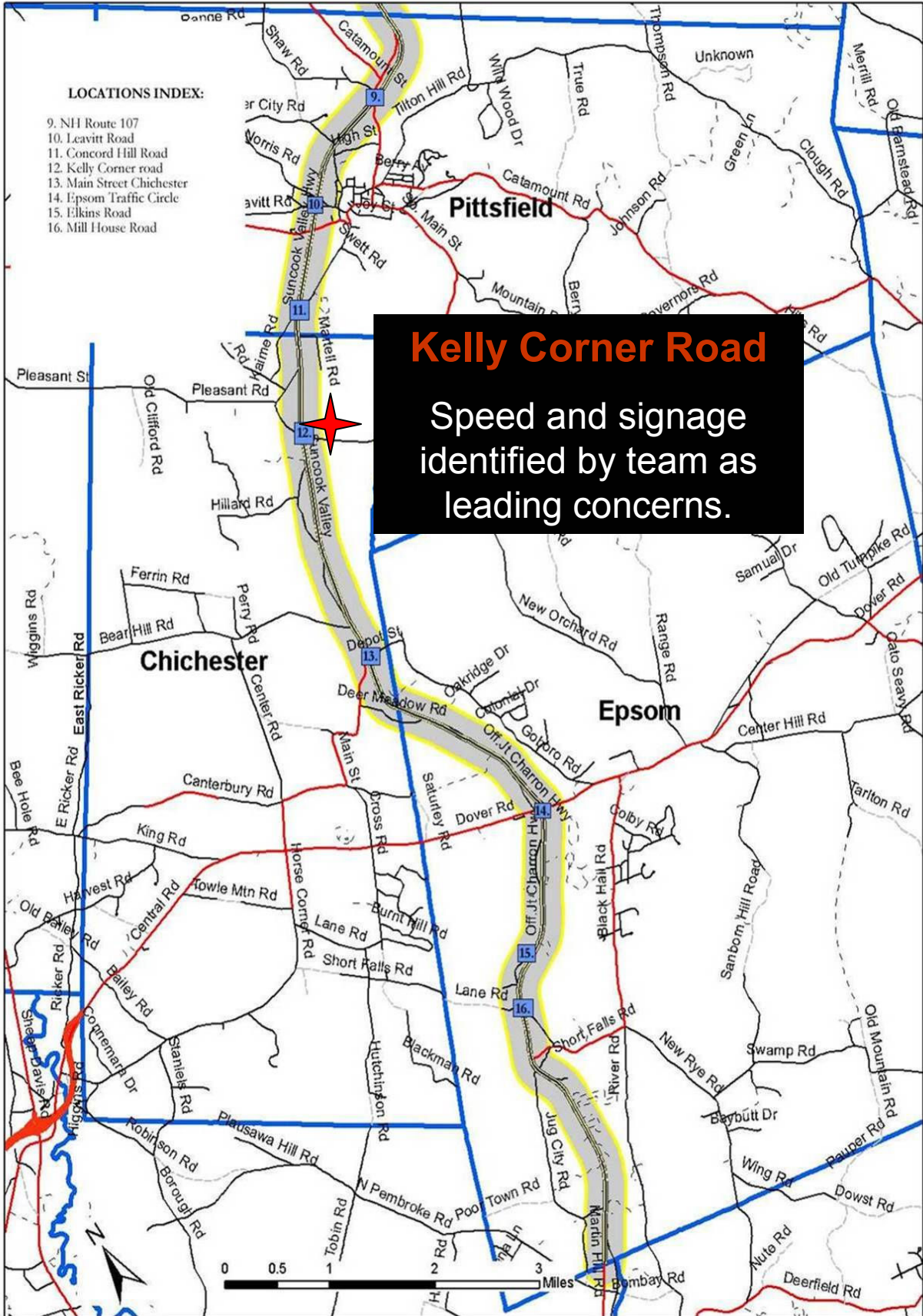
Leavitt Road Pedestrian access.

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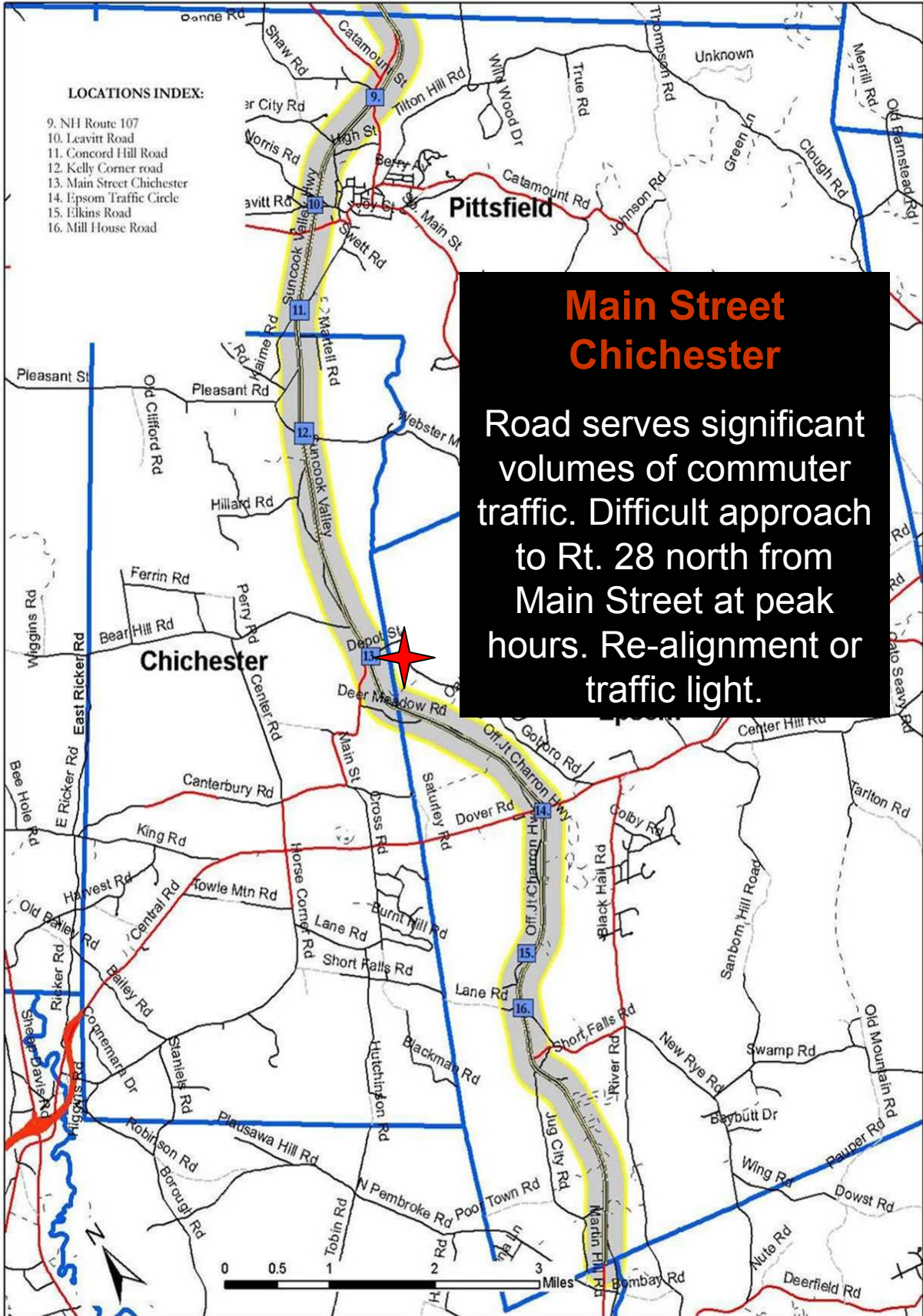
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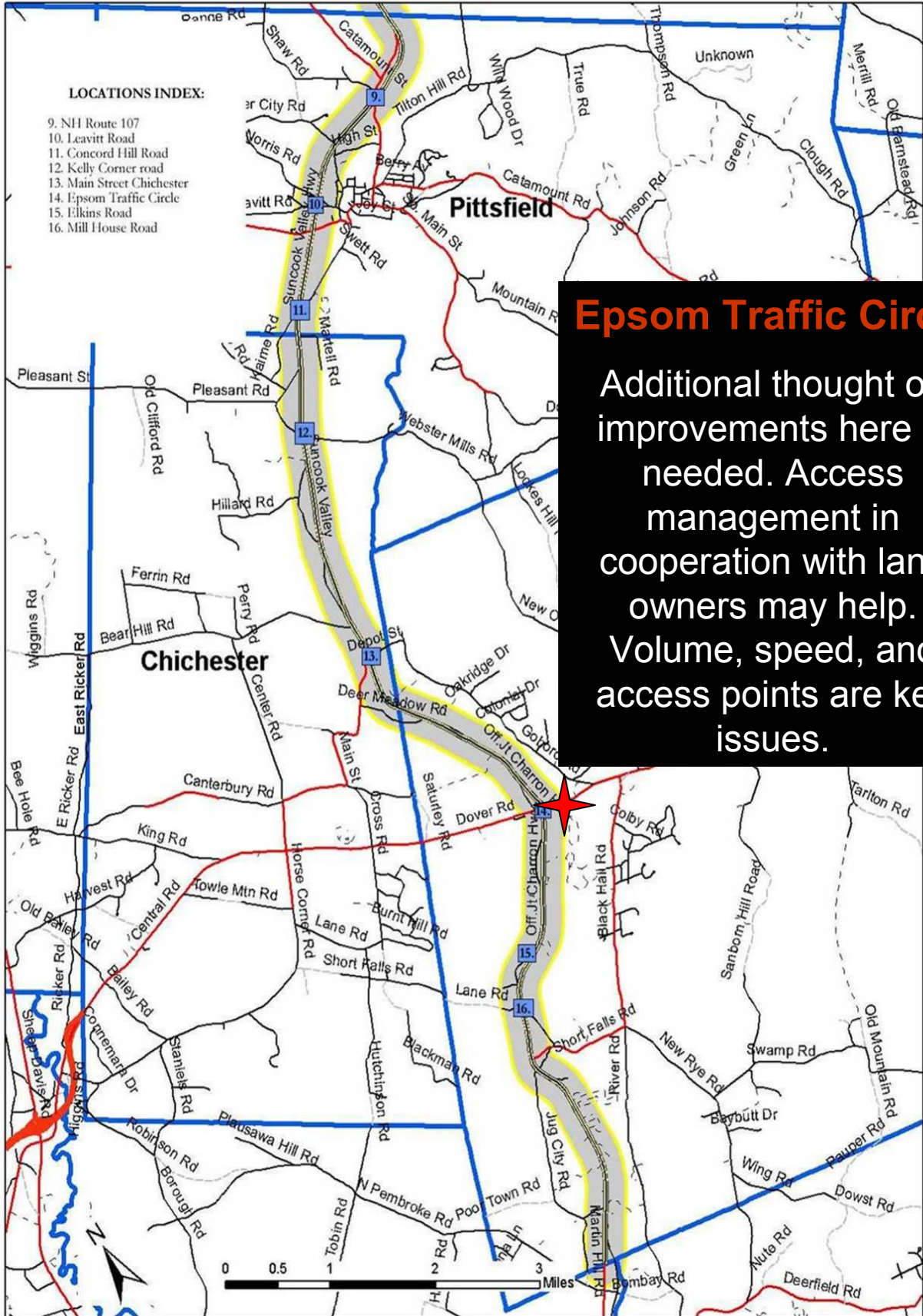
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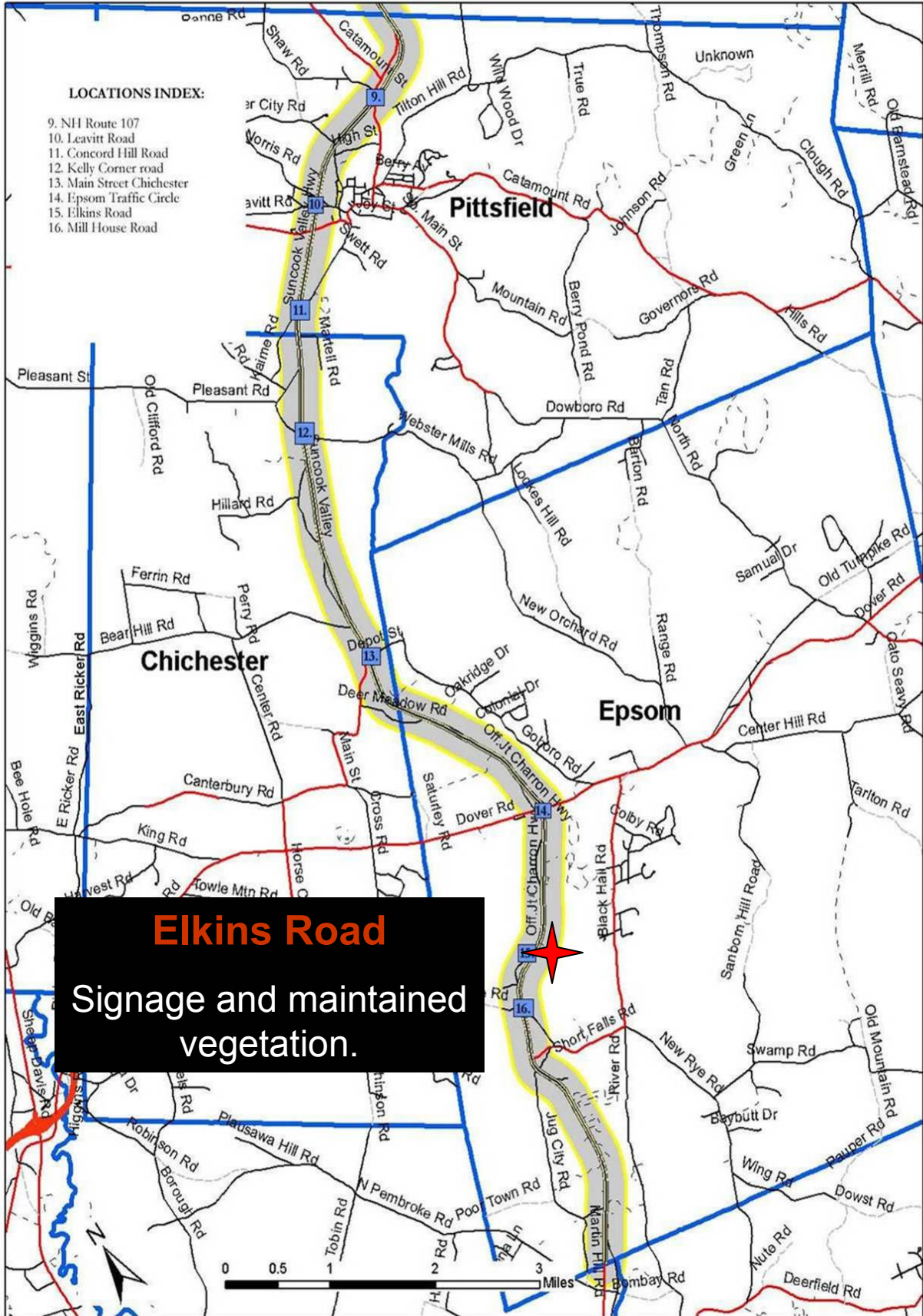
Kelly Corner Road

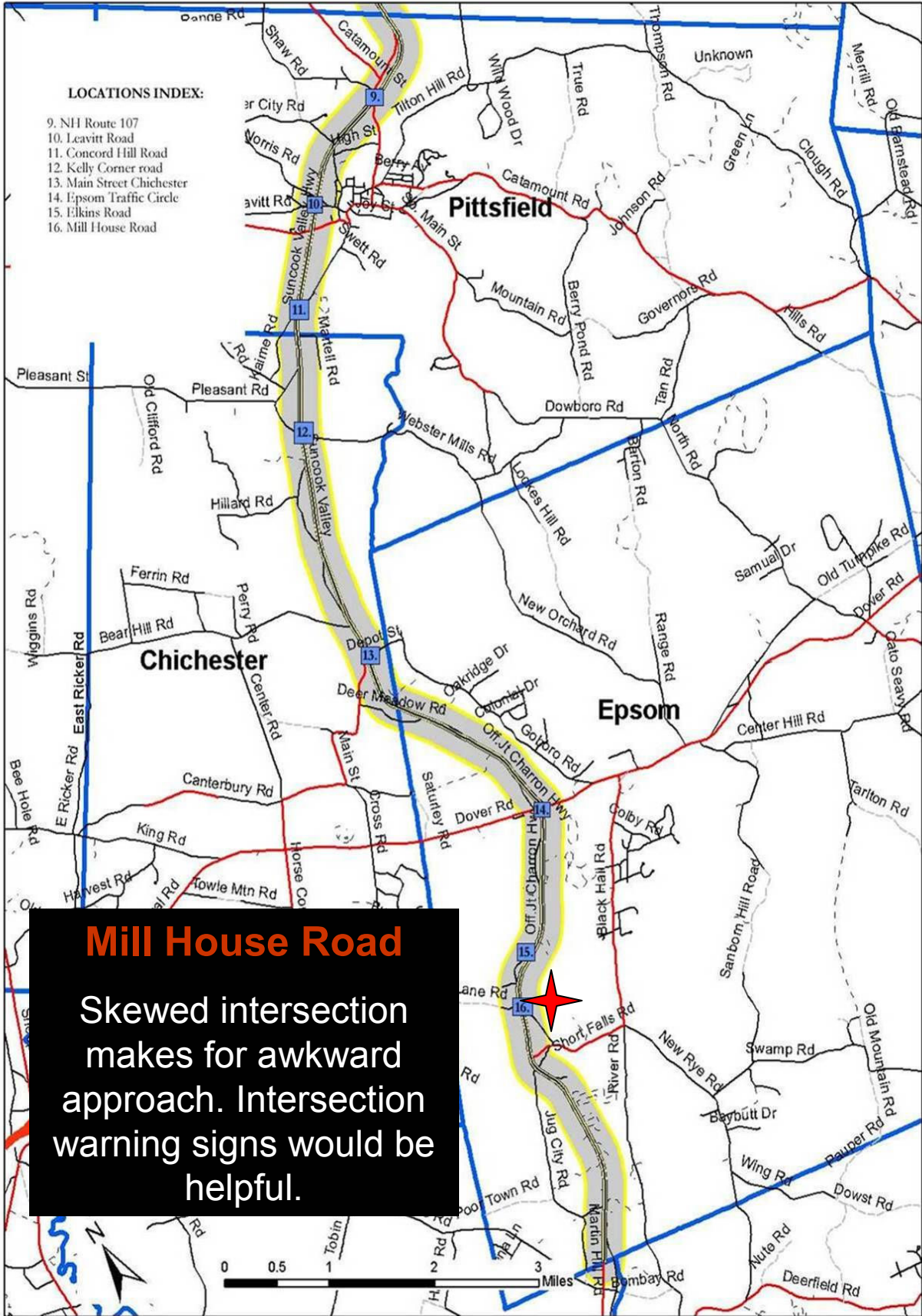
Speed and signage identified by team as leading concerns.











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Mill House Road
 Skewed intersection
 makes for awkward
 approach. Intersection
 warning signs would be
 helpful.

Additional Concerns:

Town Line Curve - on original Committee list of concerns.

Kings Grant Modular Home Park - concern expressed through several phone calls.

RSA Team Ranking of Concerns

1. Peacham - White Oak Road / NH Route 28
2. North Barnstead - North Road / NH Route 28
3. Stockbridge Road / NH Route 28
4. Main Street Chichester
5. Epsom Traffic Circle
6. Prospect Mountain - Dudley Road / NH Route 28
7. Leavitt Road (pedestrian access)
8. NH Route 107 / NH Route 28
9. NH Route 126 / NH Route 28
10. Maple Street, Barnstead (pedestrian)

11. Concord Hill Road / NH Route 28
12. Kelly Corner Road
13. Colony Drive
14. Mill House Road
15. Lot Line Road / NH Route 28
16. Elkins Road