

Vermont State Report 2023 Construction

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NATIONAL PAVEMENT PRESERVATION CONFERENCE

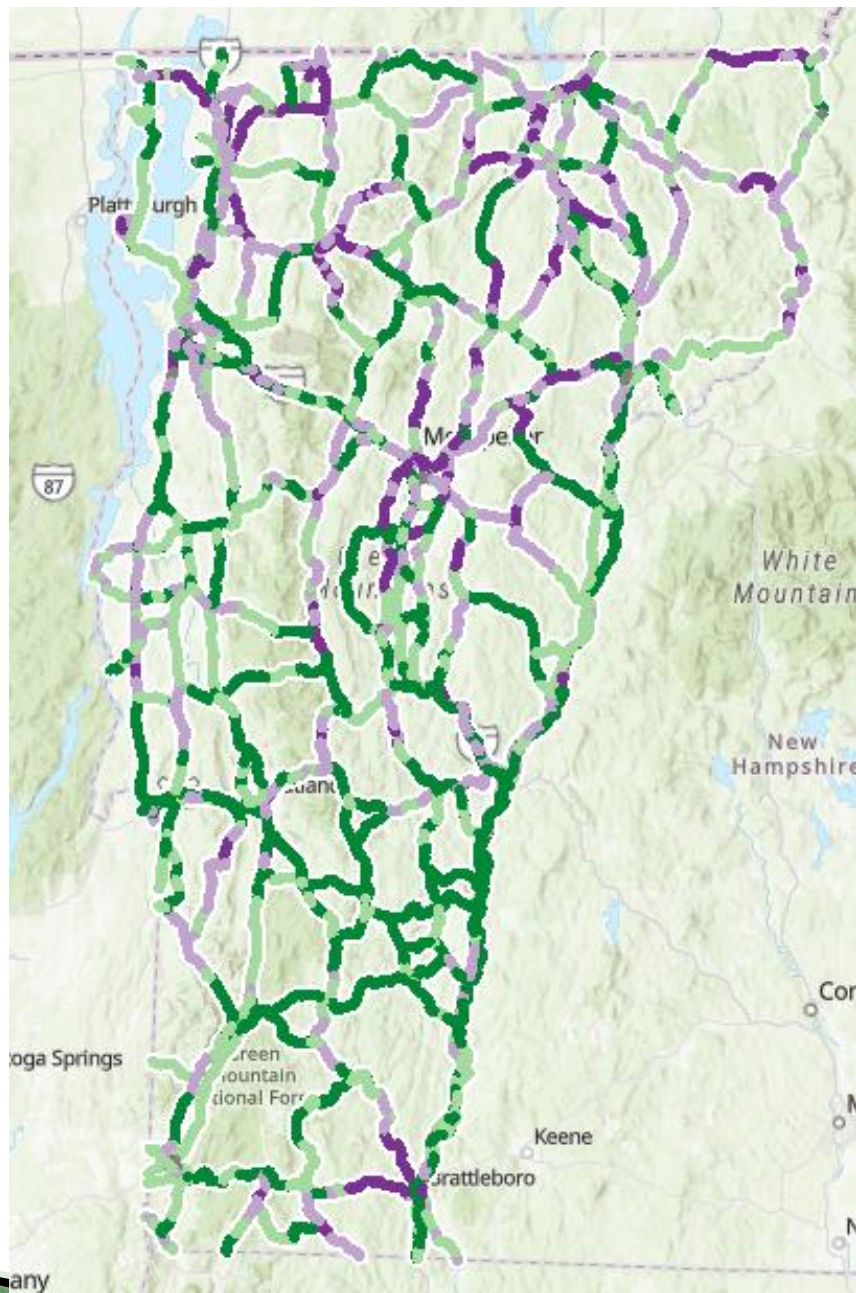


MICHIGAN STATE
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VTrans Pavement Responsibilities

- ▶ 3200 miles of roads
- ▶ Design ~250 miles of paving projects per year, all scopes
- ▶ 2023 Paving Budget ~\$160M



Paving Program Scopes

- ▶ Preventative Maintenance
 - Bonded Wearing Course, main work horse
 - Crack Seal
 - Asphalt Rubber Chip Seal – One trial project so far
- ▶ FPAV/District Leveling
 - Leveling, minimal treatments to hold roads over, 1-1/2” mill and fill
- ▶ Structural Overlays and Mill and Fill
 - Condition data driven ~2” depth projects
- ▶ Rehabilitation
 - Cold In-Place Recycling, Full Depth Reclamation, Slab Removal

2023 Construction

- ▶ **Pulverize/Repave – 39 Miles**
 - Reclaim, Slab Removal, CIPR
- ▶ **Two Inch Treatment – 76 Miles**
 - Mill/Fill, Level/Overlay, Class 1
- ▶ **Leveling – 40 Miles**
 - One pass, 1.5”
- ▶ **Preventative Maintenance**
 - BWC – 63 Miles
 - Crack Seal – 160 Miles
 - 140 Miles Blow/Go
 - 20 Miles Rout and Seal

2023 Construction

- ▶ Total Tons – 450.5k
 - HMA – ~390k Ton
 - BWC – ~60k Ton/1.4M SY
 - Note: Assumes 23SY/Ton mix



Hopeful Regular Treatment Additions

- ▶ Asphalt Rubber Chip Seals
- ▶ HIPR on Interstate Typicals
- ▶ CIPR with Foamed Asphalt
- ▶ Trial In-The-Works:
 - High RAP Wearing Course, SuperPave



Contracting Mechanisms

- ▶ Primarily Design–Bid–Build
- ▶ ID/IQ has been reserved for leveling projects
- ▶ Crack Seal program is expedited DBB
 - Full evaluation of network in late winter months followed by bids in spring for same year construction

Preventative Maintenance Scope Items

- ▶ Recent history has mainly been interstate BWC
 - Scope includes lines, shoulder fog and cover coat, guardrail repairs, ramp paving with BWC
- ▶ State System Preventative Maintenance
 - Typically BWC, one sample of AR-Chip
 - Includes guardrail repairs, lines including new lane configurations in existing footprint, ditching, DI rehabs, centerline rumbles

QUESTIONS / THANK YOU!



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