

VT Agency of Transportation: Highway Safety & Design Section FY 2020 Paving Program Budget

House Transportation Committee – January 30, 2019

Presented by:

Jesse Devlin, Highway Safety & Design Program Manager





Paving Program General Overview

JANUARY 30, 2019

VT AGENCY OF TRANSPORTATION – HIGHWAY SAFETY & DESIGN SECTION
FY2020 PAVING PROGRAM BUDGET



VTrans' mission is to provide for the safe and efficient movement of people and goods:

- The pavement design group is responsible for the development and delivery of plans, specifications, and estimates for projects that are focused on preserving and improving our roadway surfaces.
- The projects contained within the Paving Program address safety, mobility, and asset condition, which directly contributes to meeting our mission.

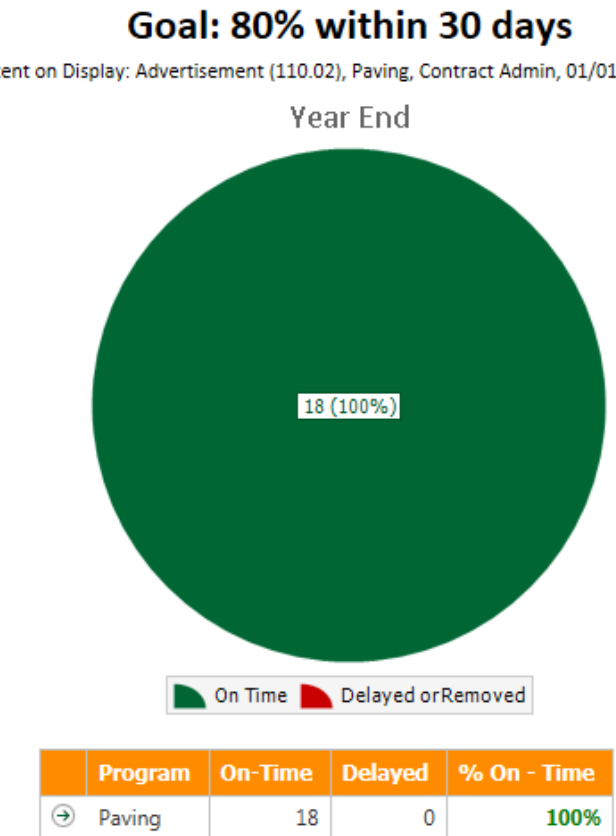
The pavement design group consists of six team members; comprised of project managers, engineers, and technicians.

In addition to the development of projects, the team has a great deal of responsibility including but not limited to:

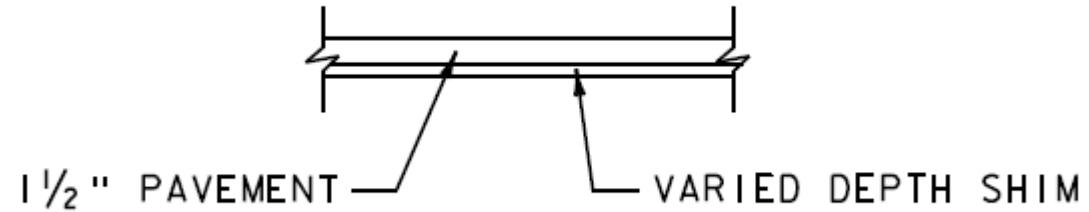
- **Fiscal responsibility:** *oversight of individual project and program budgets*
- **Customer Service:** *point of contact throughout a project's development*
- **Quality:** *ensure that the design meet's the intent of the project*
- **Schedule:** *on time delivery of a project*

Paving Program 2018 Accomplishments

- The pavement design group advertised 18 projects for construction
- Of the projects anticipated to be advertised in 2018, 100% were advertised within 30 days of their targeted advertisement date.

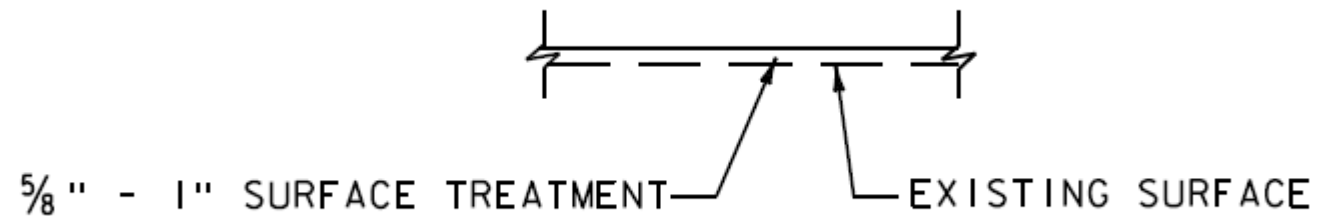


Pavement Treatments



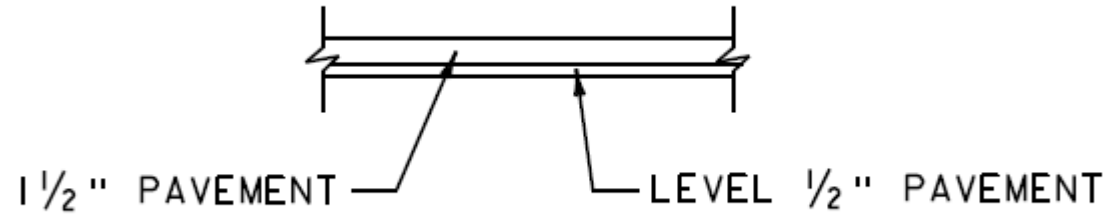
District Leveling: \$100,000 - \$125,000 per mile

Federal Leveling: \$200,000 - \$250,000 per mile

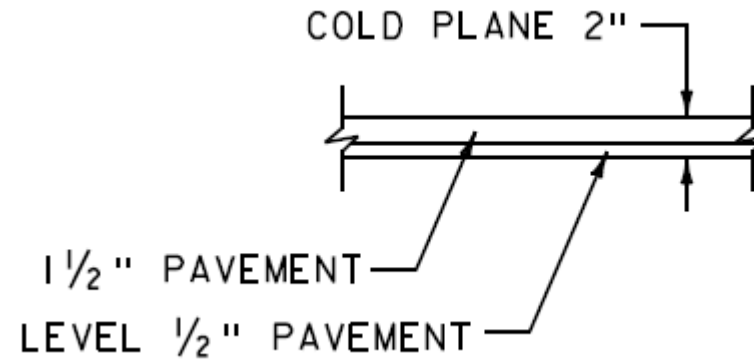


Preventative Maintenance: \$150,000 - \$200,000 per mile

Pavement Treatments



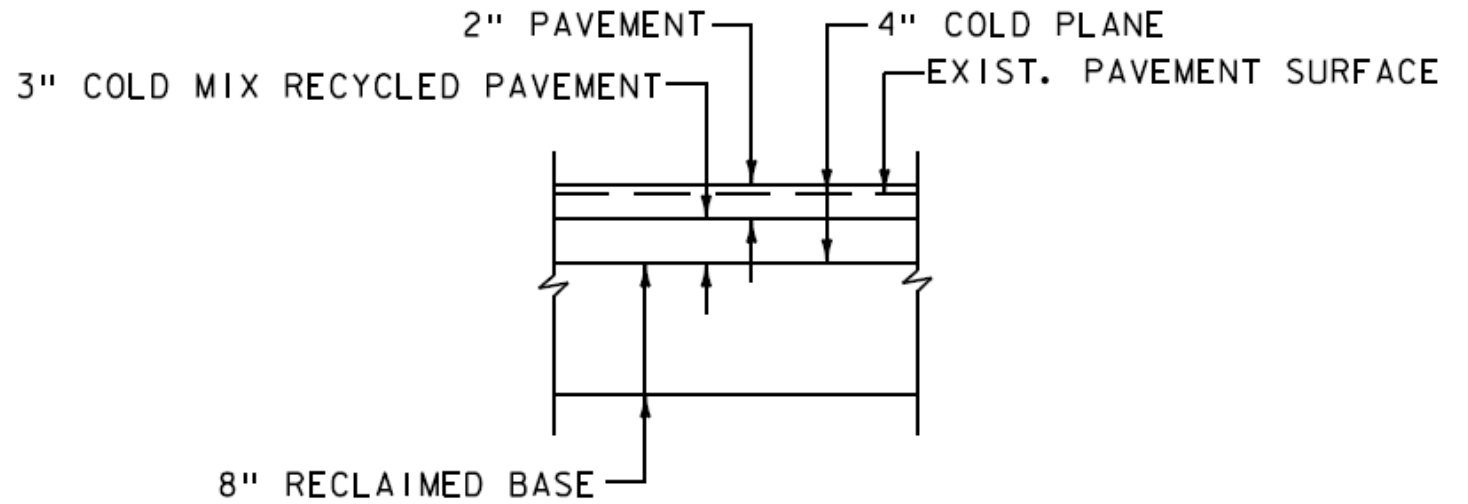
Level & Overlay: \$300,000 - \$400,000 per mile



Mill & Fill (State System): \$400,000 - \$500,000 per mile

Mill & Fill (Class I TH): \$750,000 - \$1,250,000 per mile

Pavement Treatments



Reclaim: \$1,000,000 - \$1,500,000 per mile

Scope: Removal of existing concrete slabs, placement of subbase material, and new pavement on approximately 9.6 miles of VT Route 100 in Waterbury and Stowe. This project also includes the installation of a new traffic signal, drainage improvements, and slope stabilization.

Construction Cost Est: \$26.5 Million

Completion Date: October 2019

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WATERBURY-STOWE STP 2945(1) – VT ROUTE 100

FY 2020 PAVING PROGRAM TAB 5A

- Appropriation of \$100.7 million
- Decrease of \$3.5 million compared to the FY 2019 Paving Program budget
- Includes three primary project phases
 - Preliminary Engineering (design activities)
 - Right-of-Way (acquisition of property and/or easements)
 - Construction
- Budget will fund construction of 48 projects, and will fund the preliminary engineering and/or right-of-way acquisition on an additional 24 projects

156 Miles to be paved on the Interstate, State, and Class I system

71 Miles to be paved under Federal and District leveling on the State system

2019 Sample Projects

- **Essex-Underhill STP PS19(6)** – Tab 5A – Page 7
 - **Scope:** Project consists of a mill and fill pavement treatment of approximately 13 miles of VT Route 15 in Essex, Jericho, and Underhill.
 - **Cost Estimate:** \$6.8 million
 - **Project Status:** Project is scheduled to be advertised in February of 2019, with construction occurring in 2019.

- **Londonderry-Chester STP PS19(10)** – Tab 5A – Page 10
 - **Scope:** Project consists of a resurfacing of approximately 13.8 miles of VT Route 11 in Londonderry, Andover, Windham, and Chester.
 - **Cost Estimate:** \$12.8 million
 - **Project Status:** Project is scheduled to be advertised in summer of 2019, with construction occurring in 2019 and 2020.