

Vermont Agency of Transportation

Workzone Safety and Lighted Paddles

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Workzone Safety

Workzone Safety Engineer within the Construction Section

- Perform Site visits to review workzone effectiveness and compliance
- Reviewed Site Specific Traffic Control Plans and Nighttime Lighting Plans

Temporary Transverse Rumble Strip pilot

- Pittsford NH 019-3(491)

Received approval to pilot Driveway Assistance Devices

- Springfield BF 0134 (43) & Springfield BF 0134 (45)
- Chester BF 0134(50)
- Newfane BF 0106(6)



Workzone Committee Overview

- In September 2018 the Agency worked with FHWA to conduct a Work Zone Capability Maturity Framework and Process Review Workshop
 - Multi-day, in-person event
 - Representation from across the Agency
- Overarching recommendation coming out of that review was to revise and update the 2007 Work Zone Safety and Mobility Guidance document and 2011 Appendix to that document
- A Technical Committee was appointed to guide this effort with representation from VTrans, FHWA, and AGC, and a consultant hired to to develop the revised document



Work Zone Safety and Mobility document rewrite overview

- Consultant VHB selected by the Technical Committee to develop the new document in late 2019
- Review of existing documentation, best practices from other states and FHWA requirements
- Interviews and surveys of users in VTrans, the contracting community and consultant community
- Complete draft currently out for review and final edits prior to completion and approval
- Rollout target date for spring of 2021



Work Zone Safety and Mobility document change highlights

- Streamlined Traffic Management Plan (TMP) form and improving process for distributing that information
- Revised and expanded training requirements
 - Required Work Zone training for all workers
 - Expanded list of required and optional training based on job classification
 - Sets up mechanism for VTrans Bureaus to track trainings and mentor employees
- Sets forth a list of ongoing tasks for the Work Zone Committee to continue working on, in recognition that Work Zone best practices are continually evolving



Lighted Flagger Paddles

SPECIFICATION

Standard Specification T-30

Part 6E.03 of the Manual Uniform on Traffic Control Devices (MUTCD)

PILOT QUESTIONNAIRE

Paddle availability and Manufacturer

- Number of Lights
- Type and color of Lights

Paddle effectiveness

- More effective
- More visible
- Function as expected

Pilot Projects

	Bid Ad Date	Bid Opening	Contract Award	Contractor
Craftsbury-Irasburg, STP FPAV(32) and Eden, STP FPAV(29)	9/2/2020	10/6/2020	10/9/2020	Pike Industries, Inc.
Williston, STP 5500(7)	9/2/2020	10/9/2020	10/22/2020	Engineers Construction, Inc.
Chester, BF 0134(50)	10/14/2020	11/6/2020	11/30/2020	Bazin Brothers Trucking, Inc.
Essex, BF 5400(9)	10/21/2020	11/13/2020	12/3/2020	Engineers Construction, Inc.
Calais, BHF 037-2(10) (11) and (12)	9/9/2020	11/20/2020	12/14/2020	A.L. St. Onge Contractor, Inc.
Chester-Springfield, STP 2942(1), PS19(4) and Springfield, STP PS19(5)	10/28/2020	11/20/2020	12/7/2020	Pike Industries, Inc.
Enosburgh, BF 0283(42) and Berkshire, STP SCR(23)	11/18/2020	12/11/2020	12/29/2020	A. L. St. Onge Contractor, Inc.
Springfield, BF 0134(43) and (45)	1/13/2021	2/5/2021		
Wilmington-Brattleboro, NH 2971(1)	1/27/2021			
Montgomery, STP DECK(40) and (47)	10/13/2021			



Questions

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