



**State of Vermont
Policy, Planning & Intermodal Development Division
Policy, Planning and Research Bureau
Development Review & Permitting Services Section**

Agency of Transportation

Barre City Place, 219 North Main Street [phone] 802-636-0037
Barre, VT 05641 [ttd] 800-253-0191
vtrans.vermont.gov

October 14, 2021

Randall Demers
1528 Us Route 2
East Montpelier, VT 05651

Subject: East Montpelier, US2, L.S. 0079+73 ~ 0080+78 RT
19 VSA § 1111 Permit

Dear Mr. Demers,

Your highway permit application to modify and pave the existing commercial access and modify drainage, at the above-referenced location, has been reviewed and found to meet the requirements for work within the highway right-of-way.

Pursuant to Title 19 VSA § 1111(b), authorization for this modified entrance and drainage modifications is strictly contingent upon its compliance with all local ordinances and regulations relating to highways and land use. Furthermore, under Title 19 VSA § 1111(g), the agency or a municipal designee may suspend this authorization if the modified entrance fails to comply with such ordinances and regulations. To enforce a suspension, the agency may also, at its discretion, physically close the driveway or access point.

The permit will contain, but will not be limited to, the attached Special Conditions.

This permit addresses only access to, work within, and drainage affecting the State highway. It does not address other possible transportation issues, such as access to town highways, use of private roads, and use of railroad crossings. If relevant to the proposed development, such issues must be addressed separately.

If you have any further questions about this matter, please call me at (802) 498-7055. **In accordance with the Special Conditions, you must contact the District Transportation Office #6 prior to starting work within the State highway right-of-way. The telephone number in Berlin is (802) 828-2691.**

Sincerely,

DocuSigned by:

9CE869E33627456...
Nathan Covey
Permit Coordinator

Attachments

cc: Town of East Montpelier
District # 6

DS


44856

PERMIT ID# _____

FOR AGENCY USE ONLY

Town: East Montpelier
Route: US 2
Mile Marker: 1.51 - 1.53 RT
Log Station: 79+73 - 80+78 RT

VERMONT AGENCY OF TRANSPORTATION
State Highway Access and Work Permit

Owner's/Applicant's Name, Address, E-mail & Phone No. Randall Demers R+D LLC
DEMERS AUTO BODY CO GMAIL.COM 802-229-6262

Co-Applicant's Name, Address, E-mail & Phone No. (if different from above) John Demers
Same E-mail Ph#

The location of work (town, highway route, distance to nearest mile marker or intersection & which side)
1518 US Rt 2 East Montpelier 04 miles to Town Hill Rd

Description of work to be performed in the highway right-of-way (attach plan)
Parking lot, Driveway

Letter to E-mails Dated 9-1-2021

Property Deed Reference Book: 111 Page: 99-105 (only required for Permit Application for access)
Fee \$ 250 (fees do not apply for residential or agricultural purposes)

Is a Zoning Permit required? Yes No - If Yes, # _____

Is a 30 VSA § 248 permit required? Yes No - If Yes, # _____

Is an Act 250 permit required? Yes No - If Yes, # _____

Other permit(s) required? Yes No - If Yes, name and # of each _____

Date applicant expects work to begin May 2022

Owner/Applicant: Randall Demers Position Title: Owner

Sign in Shaded area: Randall Demers Date: 9-14-21

Co-Applicant: John Demers Position Title: _____

Sign in Shaded area: John Demers Date: 9-14-21

Applicant to Complete

INSTRUCTIONS: -Contact the Development Review and Permitting Services Section (802.636.0037) or your local area Transportation Maintenance District Office to determine your issuing authority. The issuing authority will determine what plans, fee and other documents are required to be submitted with your Vermont Statutes Annotated, Title 19, Section 1111, permit application request.

- **Original signatures are required on an original Form.** The Owner/Applicant and Co-Applicant (if applicable) declares under the pains and penalty of perjury that all information provided on this form and submitted attachments are to the best of their knowledge true and complete.

FEE: -See Fee Schedule for applicable administrative processing and application review fee.

PERMIT APPROVAL

This covers only the work described below: Permission is granted to work within the State Highway right-of-way to modify and pave the existing commercial access and modify drainage, at the location indicated, in accordance with the attached plan and permit special conditions.

The work is subject to the restrictions and conditions on the reverse page, plus the Special Conditions stated on the attached page(s).

Date work is to be completed December 1, 2026 Date work accepted: _____

DocuSigned by: Craig Keller
By: 26D70EC912D14B4 Issued Date October 14, 2021 DTA or Designee _____
Authorized Representative for Secretary of Transportation

NOTICE: This permit covers only the Vermont Agency of Transportation's jurisdiction over this highway under Vermont Statutes Annotated, Title 19, Section 1111. It does not release the petitioner from the requirements of any other statutes, ordinances, rules or regulations. This permit addresses only access to, work within, and drainage affecting the state highway. It does not address other possible transportation issues, such as access to town highways, use of private roads, and use of railroad crossings. If relevant to the proposed development, such issues must be addressed separately.

No work shall be done under this permit until the owner/applicant has contacted the District Transportation Office at:
District #6 2178 Airport Road, Suite A, Barre, Vermont 05641 802-793-9461

RESTRICTIONS AND CONDITIONS

DEFINITIONS:

"Agency" means the Vermont Agency of Transportation (a/k/a VTrans).

"Engineer" means the authorized agent of the Secretary of Transportation.

"Owner/Applicant" means the party(s) to whom the permit is to be issued.

"Co-Applicant" means the party who performs the work, if other than Owner/Applicant or a secondary Owner/Applicant under a joint permit application.

"Permit Holder" means the party who currently owns the lands abutting the highway that are the subject of the permit.

GENERAL:

By accepting this permit, or doing any work hereunder, the Owner/Applicant agrees to comply with all of the restrictions and conditions and any imposed special conditions. If the Owner/Applicant is aggrieved by the restrictions and conditions or special conditions of the permit, they shall submit a written request for consideration to the Engineer within 30-days of permit issuance and prior to starting any work. No work will be authorized by the Agency, or performed under the permit, until the dispute is fully resolved.

Vermont Statutes Annotated, Title 30, Chapter 86 ("Dig Safe") requires notice to Dig Safe before starting excavation activities. The Permit Holder or his/her contractor must telephone Dig Safe at 811 at least 48 hours (excluding Saturdays, Sundays and legal holidays) before, but not more than 30 days before, starting excavation activities at any location. In addition, please note that the Agency and many municipalities are not members of Dig Safe and will need to have their utility facilities investigated with due diligence prior to starting excavation activities in or on the State Highway right-of-way.

The Permit Holder is to have a supervisory representative present any time work is being done in or on the State Highway right-of-way. A copy of this permit and Special Conditions must be in the possession of the individual performing this work for the Permit Holder.

Except with the specific, written permission of the District Transportation Administrator, all work in the State Highway right-of-way shall be performed during normal daylight hours and shall cease on Sunday, on all holidays (which shall include the day before and the day following), during or after severe storms, and between December 1 and April 15. These limitations will not apply for the purposes of maintenance, emergency repairs, or proper protections of the work which includes, but not limited to, the curing of concrete and the repairing and servicing of equipment.

The Owner/Applicant shall be responsible for all damages to persons or property resulting from any work done under this permit, even if the Applicant's Contractor performs the work. All references to the Owner/Applicant also pertain to the Co-Applicant.

The Owner/Applicant must comply with all federal and state statutes or regulations and all local ordinances controlling occupancy of public highways. In the event of a conflict, the more restrictive provision shall apply.

The Owner/Applicant must, in every case where there is a possibility of injury to persons or property from blasting, use a pre-approved Blasting Plan. All existing utility facilities shall be protected from damage or injury.

The Owner/Applicant shall erect and maintain barriers needed to protect the traveling public. The barriers shall be properly lighted at night and must be MUTCD (Manual on Uniform Traffic Control Devices) compliant.

All temporary and permanent traffic control measures and devices shall be MUTCD compliant.

The Owner/Applicant shall not do any work or place any structures or obstacles within the State Highway right-of-way, except as authorized by this permit.

The Owner/Applicant may pay the entire cost of the salary, subsistence and traveling expenses of any inspector appointed by the Engineer to supervise such work.

The Engineer may modify or revoke the permit at any time for safety-related reasons, without rendering the Agency or the State of Vermont liable in any way.

In addition to any other enforcement powers that may be provided for by the law, the Engineer may suspend this permit until compliance is obtained. If there is continued use or activity after suspension, the Engineer may physically close the work area and take corrective action to protect the safety of the highway users.

The Permit Holder shall be responsible to rebuild, repair, restore and make good all injuries or damage to any portion of the highway right-of-way that has been brought about by the execution of the permitted work, for a minimum period of eighteen (18) months after final inspection by the District.

Any approved variance from the permitted plans is to be recorded on "as-builts" with copies provided to both the Chief of Permitting Services and the District Transportation Administrator.

ACCESS:

This permit (if for access) does not become effective until the owner/applicant records in the office of the appropriate municipal clerk, the attached "Notice of Permit Action"

As development occurs on land abutting the highways, the Agency may revoke a permit for access and require the construction of other access improvements such as the combination of access points by adjoining owners.

Under Vermont Statutes Annotated, Title 19, Section 1111, no deed purporting to subdivide land abutting a state highway can be recorded unless all the abutting lots so created are in accordance with the standards of Section 1111.

The Permit Holder acknowledges and agrees that neither this permit nor any prior pattern of use creates an ownership interest or other form of right in a particular configuration or number of accesses to or through the highway right-of-way, and that the right of access consists merely of a right to reasonable access the general system of streets, and is not a right to the most convenient access or any specific configuration of access.

DRAINAGE:

The Owner/Applicant shall install catch basins and outlets as may be necessary, in the opinion of the Engineer, to preclude interference with the drainage of the state highway. Direct connections shall not be allowed without written approval.

UTILITY WORK; CUTTING AND TRIMMING TREES:

The Owner/Applicant shall obtain the written consent of the adjoining owners or occupants or, in the alternative, an order from the State Transportation Board in accordance with, Vermont Statutes Annotated, Title 30, Section 2506, regarding cutting of or injury to trees.

In general, all utilities shall be located adjacent to the State Highway right-of-way boundary line and shall be installed without damaging the highway or the highway right-of-way. No pole, push-brace, guy wire or other aboveground facilities shall be placed closer than 10 feet to the edge of traveled-way. If the proposed utility facilities are in conflict with the above, each location is subject to the approval of the Engineer.

Poles and appurtenances shall be located out of conflict with intersection sight distance, guardrail, ditches, signs, culverts, etc.

Where the cutting or trimming of trees is authorized by permit, all debris resulting from such cutting and trimming shall be removed from the State Highway right-of-way.

Open cut excavation for highway crossings is NOT the option of the Applicant, and may be utilized only where attempted jacking, drilling, or tunneling methods fail or are impractical. The Owner/Applicant shall obtain an appropriate modification of the highway permit from the Engineer before making an open cut.

JOINT PERMITS:

A joint permit application is required when more than one party will be involved with the construction, maintenance, and/or operation of the facility being constructed under this permit. Examples include, but are not limited to, joint ownership or occupancy of a utility pole line and construction of a municipal utility line by a contractor. Both utility companies, and in the second case, the municipality and the contractor, must be joint applicants.

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SPECIAL CONDITIONS

This permit is granted subject to the restrictions and conditions on the back of the permit, with particular attention given to the Special Conditions listed below. This permit pertains only to the authority exercised by the Vermont Agency of Transportation (Agency) under Vermont Statutes Annotated, Title 19, Section 1111, and does not relieve the Permit Holder from the requirements of otherwise applicable statutes, rules, regulations or ordinances (e.g., Act 250, zoning, etc.). The Permit Holder shall observe and comply with all Federal and State laws and local bylaws, ordinances, and regulations in any manner affecting the conduct of the work and the action or operation of those engaged in the work, including all orders or decrees as exist at present and those which may be enacted later by bodies or tribunals having jurisdiction or authority over the work, and the Permit Holder shall defend, indemnify, and save harmless the State and all its officers, agents, and employees against any claim or liability arising from or based on the violation of any such law, bylaws, ordinances, regulations, order, or decree, whether by the Permit Holder in person, by an employee of the Permit Holder, by a person or entity hired by the Permit Holder, or by a Subcontractor or supplier.

The Permit Holder shall accomplish all work under this permit in accordance with detail D and the profile and notes of standard drawing B-71, copy attached, and the attached plan dated received October 14, 2021.

A preconstruction meeting to discuss work to be completed must be held prior to the Permit Holder's employees or contractor beginning work. The Permit Holder is required to notify the District Transportation Administrator five (5) working days in advance of such meeting.

Please note that the Vermont Agency of Transportation is not a member of Dig Safe. The Permit Holder shall also contact Dan Ertel, State Signal Supervisor, at (802) 343-2188. Mr. Ertel will need to locate and mark all existing buried utility facilities owned by the Agency near the location of the proposed work.

The Permit Holder shall file a municipal clerk certified copy of the recorded "Notice of Permit Action" within one (1) month of the permit issuance date in the Office of the Development Review and Permitting Services Section.

Upon completion of the work, the Permit Holder shall be responsible to schedule and hold a final inspection. The Permit Holder is required to notify the District Transportation Administrator five (5) working days in advance of such inspection.

Roadway shoulder areas must be maintained free of unnecessary obstructions, including parked vehicles, at all times while work is being performed under this permit.

Two-way traffic shall be maintained at all times unless permission is granted from the District Transportation Administrator. Whenever two-way, one-lane controlled traffic is authorized to be maintained by the Applicant's Contractor, **the traveling public shall not be delayed more than 10 minutes.**

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All grading within the State Highway right-of-way associated with the proposed construction shall be subject to inspection and approval by the District Transportation Administrator or his or her staff. The Permit Holder shall be responsible for ensuring that all grading work in or on the State Highway right-of-way complies with applicable statutes, rules, regulations or ordinances.

In areas to be grass covered, the Permit Holder shall restore turf by preparing the area and applying the necessary topsoil, limestone, fertilizer, seed, and mulch, all to the satisfaction of the District Transportation Administrator. The Permit Holder shall be responsible for ensuring that all turf restoration work in or on the State Highway right-of-way is in compliance with applicable statutes, rules, regulations or ordinances.

This permit does not become effective until the Permit Holder records, in the office of the appropriate municipal clerk, the attached "Notice of Permit Action". The Permit Holder, and their assigns and successors in interest, are obligated by this permit to complete, operate and maintain the access(es) in accordance with the Special Conditions.

The conditions of this permit and the land uses permitted herein in using the State highway access shall run with the land and are binding upon and enforceable against the Applicant and their successors and assigns.

No change shall be made to the design, operation or use of the approved access without a permit amendment issued by the Agency of Transportation or a jurisdictional opinion from the Development Review and Permitting Services Section that a permit amendment is not required.

The access at L.S. 80+78 RT must be constructed in such a manner as to prevent water from flowing onto the State Highway. If the access is not constructed satisfactorily, the District Transportation Administrator can order reconstruction of the access at the Permit Holder's expense.

This access will serve as the only access to this property and to any future subdivisions of this property unless approved otherwise by the Agency. The Permit Holder is required to allow a connection and to grant an associated right to pass between the access and adjoining properties (in the future) that will result in a combination of accesses to serve more than one property or lot. By issuance of this permit, the Agency revokes all previous permits for access to this property.

In the event traffic from this project increases to the point where traffic signals, additional lanes for turning or any other modifications are necessary, the Permit Holder shall bear the expense of such improvements or facilities. The Agency may require the Permit Holder to update or provide a traffic study to determine if additional modifications are necessary.

The Permit Holder is responsible for access maintenance (beyond the edge of paved shoulder). "Access maintenance" will include, but not be limited to, the surface of the access, the replacement and maintenance of the culvert, as necessary, the trimming of vegetation, and the removal of snow banks to provide corner sight distance.

In conformance with Vermont Statutes Annotated, Title 19, Section 1111(f), the Agency may eliminate this access in the future where development has burdened the highway system to such an extent that a

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frontage road or other access improvements (which may serve more than one property or lot) must be constructed to alleviate this burden. The Permit Holder shall bear the expense of the frontage road or other access improvements. The Agency shall determine the need of a frontage road or other improvements based upon and justified by standard Agency procedures.

The Permit Holder shall pave the access (drive) from the edge of paved shoulder to the State Highway right-of-way.

In the event of the Permit Holder's failure to complete all the work, approved under this permit, by the "work completion date," the Agency, in addition to any other enforcement powers that may be provided for by law, may suspend this permit until compliance is obtained. If there is continued use or activity after suspension, the Agency may physically close the driveway or access point if, in the Agency's opinion, safety of highways users is or may be affected.

The Permit Holder shall promptly and unconditionally pay for full repair and restoration of any and all damages to existing underground utility facilities (meaning any underground pipe, conduit, wire or cable, including appurtenances) that have been brought about by the execution of the permitted work. The Permit Holder also is required to pay for any costs to repair the highway following and resulting from any repairs to existing utilities occurring as a result of the work covered by this permit. Except with the specific, written permission of the Engineer, the Permit Holder or his or her contractor shall expose all underground facilities to verify their location and depth, at each location where the authorized boring or drilling work crosses a facility; and at reasonable intervals when closely paralleling a facility. Whenever possible, existing facilities should be crossed at a perpendicular angle. The Permit Holder shall be responsible for obtaining the modification of this permit, if necessary, for any additional survey work before initiating boring or drilling operations under the permit. The Agency will treat the Permit Holder's failure to fully, promptly, and conscientiously comply with all of conditions of this paragraph, including but not limited to the obligation to pay for repairs, as grounds for the Agency to refuse to grant any further requests by the Permit Holder for any other permits for subsurface work unless the Permit Holder furnishes irrevocable financial security, in a type and an amount deemed sufficient by the Agency in its sole discretion, prior to such future subsurface work.

This permit approves the connection of the Permit Holder's stormwater management system to the Agency's State Highway stormwater management system. The Permit Holder's outfall will connect with the Agency culvert at Route US 2, Log Station 79+73 RT.

This permit only authorizes the Permit Holder's stormwater discharge from the defined area approved by the Agency and specified in the Permit Holder's application. The Permit Holder shall not connect (or allow the connection of) non-stormwater drainage systems, such as floor drains, to the stormwater management system that discharges to the Agency's stormwater management system.

All stormwater from the defined area approved by the Agency to discharge into the State Highway right-of-way shall be pre-treated (to the maximum extent practicable on the Permit Holder's land) for water volume, velocity, and quality prior to discharging into the Agency's stormwater management system.

The Permit Holder shall at a minimum install and maintain erosion prevention and sediment control measures in accordance with the Low Risk Site Handbook for Erosion Prevention and Sediment Control

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published by the Vermont Department of Environmental Conservation for the purposes of preventing sediment transport into the Agency's State Highway right of way and stormwater management systems or surface waters of the State. All disturbed earth areas having erosion potential must be temporarily or permanently stabilized, as soon as practicable or within seven (7) days of disturbance or, if precipitation is forecast sooner. Ditches or slopes steeper than 1:3 shall make use of appropriate biodegradable erosion matting composed of planar woven natural fiber. Stabilization measures constructed in the State Highway right-of-way shall be in compliance with the current version of the Vermont Agency of Transportation Standard Specifications for Construction.

Any vegetation removal in the State Highway right-of-way proposed within Stream/Riparian Buffer Zones shall conform to all Local, State, and Federal Regulatory requirements for Stream Buffer Protection. Vegetation removal in the State Highway right-of-way must be pre-approved by the District Transportation Administrator.

By acceptance of this permit, the Permit Holder agrees to defend, hold harmless and indemnify the Agency, the State of Vermont, and their officers and employees from and against all claims arising out of connections of the Permit Holder's stormwater management system to the Agency's State Highway stormwater management system.

This permit authorizes only the discharge of stormwater runoff to the Agency's stormwater management system with the following exemptions:

- water line flushing or other potable water sources,
- landscape irrigation or lawn watering,
- rising ground water,
- ground water infiltration to storm drains,
- air conditioning condensation,
- fire fighting activities.

The Permit Holder shall notify the Agency of any planned development or facility expansions or changes that may result in new or increased stormwater discharges. The Agency may require the Permit Holder to submit additional information on the proposed changes. The Agency may amend this permit and authorization to discharge, by requiring that the Permit Holder add to, modify, or replace the Route 2 stormwater management system, or may require the Permit Holder to seek a discharge point other than the State Highway right-of-way and the Agency's stormwater management system.

The Permit Holder shall verify the appropriate safety measures needed, prior to construction, so proper devices and/or personnel are available when and as needed. Traffic control devices, shall be in conformance with the MUTCD (Manual on Uniform Traffic Control Devices), Agency standards and any additional traffic control deemed necessary by the District Transportation Administrator. The Permit Holder's failure to utilize proper measures shall be considered sufficient grounds for the District Transportation Administrator to order cessation of the work immediately.

The Permit Holder will perform construction in such a way as to minimize conflicts with normal highway traffic. When two-way traffic cannot be maintained, the Permit Holder shall provide a sign package that

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conforms to the MUTCD (Manual on Uniform Traffic Control Devices) or Agency standards, as well as trained Flaggers. The District Transportation Administrator may require a similar sign package with trained Flaggers whenever it is deemed necessary for the protection of the traveling public. In addition, the District Transportation Administrator may require the presence of Uniform Traffic Officers (UTOs); moreover, the presence of UTOs shall not excuse the Permit Holder from its obligation to provide the sign package and Flaggers.

The Permit Holder shall ensure that all workers exposed to the risks of moving highway traffic and/or construction equipment wear high-visibility safety apparel meeting the requirements of ISEA (International Safety Equipment Association) "American National Standards for High-Visibility Safety Apparel," and labeled as ANSI (American National Standards Institute) 107-2004, or latest revisions, for Performance Class 2 or 3 requirements. A competent person - one designated by the Permit Holder's Contractor to be responsible for worker safety within the activity area of the State highway right-of-way - shall select the appropriate class of garment. The Engineer may suspend this permit until compliance is obtained.

Independence; Liability: The Permit Holder will act in an independent capacity and not as officers or employees of the State.

The Permit Holder shall defend the State and its officers and employees against all claims or suits arising in whole or in part from any act or omission of the Permit Holder or of any agent of the Permit Holder. The State shall notify the Permit Holder in the event of any such claim or suit, and the Permit Holder shall immediately retain counsel and otherwise provide a complete defense against the entire claim or suit.

After a final judgment or settlement, the Permit Holder may request recoupment of specific defense costs and may file suit in the Washington Superior Court requesting recoupment. The Permit Holder shall be entitled to recoup costs only upon a showing that such costs were entirely unrelated to the defense of any claim arising from an act or omission of the Permit Holder.

The Permit Holder shall indemnify the State and its officers and employees in the event that the State, its officers or employees become legally obligated to pay any damages or losses arising from any act or omission of the Permit Holder.

Insurance: Before beginning any work under this Permit the Permit Holder must provide certificates of insurance to show that the following minimum coverages are in effect. It is the responsibility of the Permit Holder to maintain current certificates of insurance on file with the State for the duration of work under the Permit. No warranty is made that the coverages and limits listed herein are adequate to cover and protect the interests of the Permit Holder for the Permit Holder's operations. These are solely minimums that have been established to protect the interests of the State.

Workers' Compensation: With respect to all operations performed under the Permit, the Permit Holder shall carry workers' compensation insurance in accordance with the laws of the State of Vermont.

General Liability and Property Damage: With respect to all operations performed under the Permit, the Permit Holder shall carry general liability insurance having all major divisions of coverage including, but not limited to:

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Premises - Operations
Products and Completed Operations
Personal Injury Liability
Contractual Liability

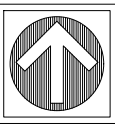
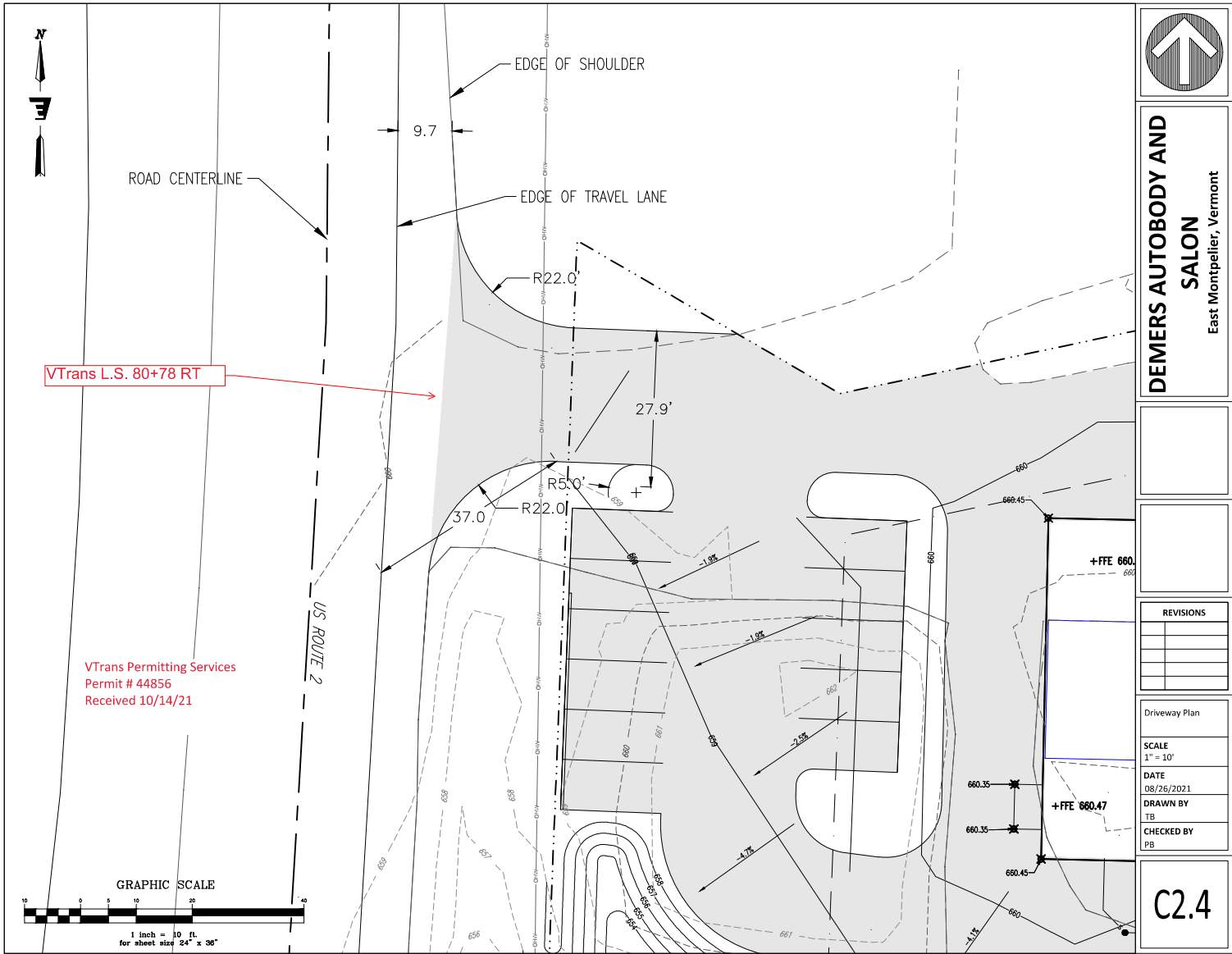
The policy shall be on an occurrence form and limits shall not be less than:

\$2,000,000 Per Occurrence
\$2,000,000 General Aggregate
\$2,000,000 Products/Completed Operations Aggregate
\$ 50,000 Fire/Legal Liability

Permit Holder shall name the State of Vermont and its officers and employees as additional insureds for liability arising out of this Permit.

Automotive Liability: The Permit Holder shall carry automotive liability insurance covering all motor vehicles, including hired and non-owned coverage, used in connection with the Permit. Limits of coverage shall not be less than: \$1,000,000 combined single limit.

Permit Holder shall name the State of Vermont and its officers and employees as additional insureds for liability arising out of this Permit.



DEMERS AUTOBODY AND SALON
 East Montpelier, Vermont

REVISIONS

Driveway Plan
 SCALE
 1" = 10'
 DATE
 08/26/2021
 DRAWN BY
 TB
 CHECKED BY
 PB

C2.4

PROPOSED SITE FEATURES LEGEND

EXISTING FEATURES	
C1	NEW BUILDING ADDITIONS
C2	RELOCATED SEPTIC TANK AND PUMP STATION
C3	NEW GRAVEL PARKING AREA
C4	PROPOSED DRAINAGE SWALE
C5	PROPOSED CONCRETE PAD AT ENTRANCE
C6	PROPOSED ±150'-LF OF CONCRETE WALL TO MATCH EXISTING
—X—	FENCE
—	PROPERTY LINE
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
—S—	SANITARY SEWER LINE
—ST—	STORM WATER LINE
—W—	WATER LINE
—B—	CONSTRUCTED BERM
—	EDGE OF PAVEMENT
⊕	UTILITY POLE

ZONING DISTRICT:	B INDUSTRIAL			
	REQUIRED	EXISTING	PROPOSED	CHANGED?
MINIMUM LOT SIZE	1 AC	3.3 AC	3.3 AC	NO
MINIMUM FRONTAGE	150 FT	677 FT	677 FT	NO
SETBACK - FRONT	50 FT	87 FT	86 FT	YES
SETBACK - N SIDE	25 FT	39 FT	31 FT	YES
SETBACK - S SIDE	25 FT	36 FT	36 FT	NO

EROSION CONTROL LEGEND & NOTES

ALL MEASURES SHOWN ON THIS SHEET MUST BE INSTALLED PRIOR TO INITIATING PRINCIPAL EARTHWORK ACTIVITIES. ACCESS TO SCHOOL AND ALLARD SQUARE TO BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE AGREED WITH THOSE PARTIES AND THE CITY. EXTENTS OF FENCING AND GATE LOCATIONS SHOWN ARE CONCEPTUAL, AND MAY VARY BASED ON CONSTRUCTION REQUIREMENTS AND PHASING.

INSTALL LIMITS OF DISTURBANCE (FENCING) AROUND ALL WORK AREAS AND CONSTRUCTION ENTRANCE PRIOR TO BEGINNING EARTH DISTURBANCE IN ANY AREA. SILT FENCING AND INLET PROTECTION MUST BE INSTALLED DOWNSTREAM/DOWNSLOPE OF ANY WORK AREAS BEFORE EARTH DISTURBANCE BEGINS.

TEMPORARY STABILIZED CONSTRUCTION ENTRANCE
THIS STRUCTURAL MEASURE IS A STABILIZED PAD OF AGGREGATE UNDERLAIN WITH FILTER FABRIC LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY, SIDEWALK, OR PARKING AREA. THE PURPOSE OF A STABILIZED CONSTRUCTION ENTRANCE IS TO REDUCE OR ELIMINATE THE TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY OR STREETS. THIS WILL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE PROJECT SITE HAS BEEN PERMANENTLY STABILIZED. ONCE REMOVED, THE IMPACTED AREA SHALL BE SEEDED AND MULCHED.

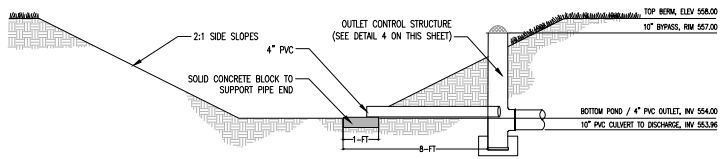
TEMPORARY STAGING AND WASTE AREAS (APPROXIMATE)
THESE ARE APPROVED LOCATIONS WHERE NON-SOIL, NON-ERODIBLE MATERIALS MAY BE STORED. SOILS SHALL NOT BE STORED IN THESE AREAS. COORDINATE EXACT LOCATION WITH CONTRACTOR.

TEMPORARY SOIL STOCKPILE AREAS (APPROXIMATE)
THESE ARE APPROVED LOCATIONS WHERE TOPSOIL AND OTHER SOIL MATERIALS MAY BE STORED. THESE STOCKPILES WILL BE PROTECTED FROM EROSION BY A NUMBER OF METHODS, INCLUDING INSTALLING SILT FENCING AROUND THE DOWN GRADIENT PERIMETER OF THE STOCKPILE AND SEEDING AND MULCHING THE STOCKPILE WHEN NOT IN USE FOR MORE THAN FIVE DAYS. COORDINATE EXACT LOCATION WITH CONTRACTOR.

TEMPORARY SILT FENCING
THIS STRUCTURAL MEASURE IS A TEMPORARY BARRIER OF GEOTEXTILE FABRIC USED TO INTERCEPT SEDIMENT LADEN RUNOFF FROM SMALL DRAINAGE AREAS OF DISTURBED SOIL. IT IS INSTALLED ALONG THE PERIMETER OF IMPACTED AREAS AND ALONG THE BASE OF THE FILL SLOPES. ADDITIONALLY, WHEN DESIGNATED ALONG THE LIMITS OF DISTURBANCE, INSTALL CONSTRUCTION FENCE BEHIND THE SILT FENCE. SILT FENCING IS EFFECTIVE IN REDUCING STORMWATER RUNOFF VELOCITIES, ASSIST IN THE DEPOSITION OF TRANSPORTED SEDIMENT LOAD AND PREVENT EROSION OF SOILS ONTO ADJACENT AREAS. THESE WILL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE PROJECT SITE HAS BEEN PERMANENTLY STABILIZED.

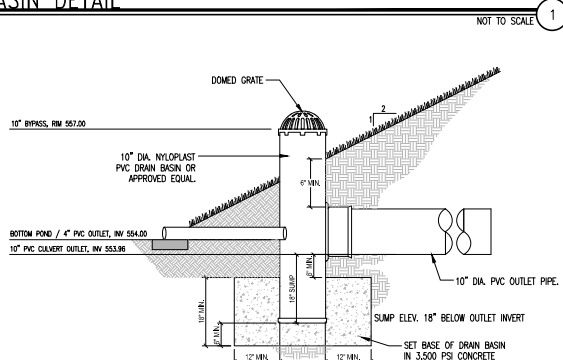
LIMITS OF DISTURBANCE
THE CONTRACTOR SHALL CONTAIN ANY EARTH MOVING ACTIVITIES WITHIN THE DESIGNATED LIMITS SHOWN ON THIS PLAN. THE ENGINEER SHALL REVIEW THE SITE TO MAKE ANY ADJUSTMENTS TO ACCOUNT FOR ENVIRONMENTALLY SENSITIVE AREAS, SPECIMEN TREES AND SPECIAL AREAS OF CONCERN. LIMIT OF DISTURBANCE TO BE DELINEATED WITH CHAIN-LINK FENCE. COORDINATE WITH CONTRACTOR.

STORMWATER DETAILS



DRY RETENTION AREA NOTES:
1. UPGRADIENT AREAS DRAINING TO BASIN SHALL BE FINAL STABILIZED PRIOR TO DIRECTING RUNOFF INTO THE PROPOSED DRY RETENTION BASIN.
2. A DENSE AND VIGOROUS VEGETATIVE COVER MUST BE ESTABLISHED PRIOR TO USE.

DRY RETENTION BASIN DETAIL



VTrans Permitting Services
Permit # 44856
Received 10/14/21

CONTROLLED OUTLET STRUCTURE DETAIL



DEMERS AUTOBODY AND SALON
East Montpelier, Vermont

REVISIONS

NO.	DESCRIPTION

Site Plan Notes & Details

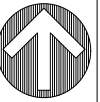
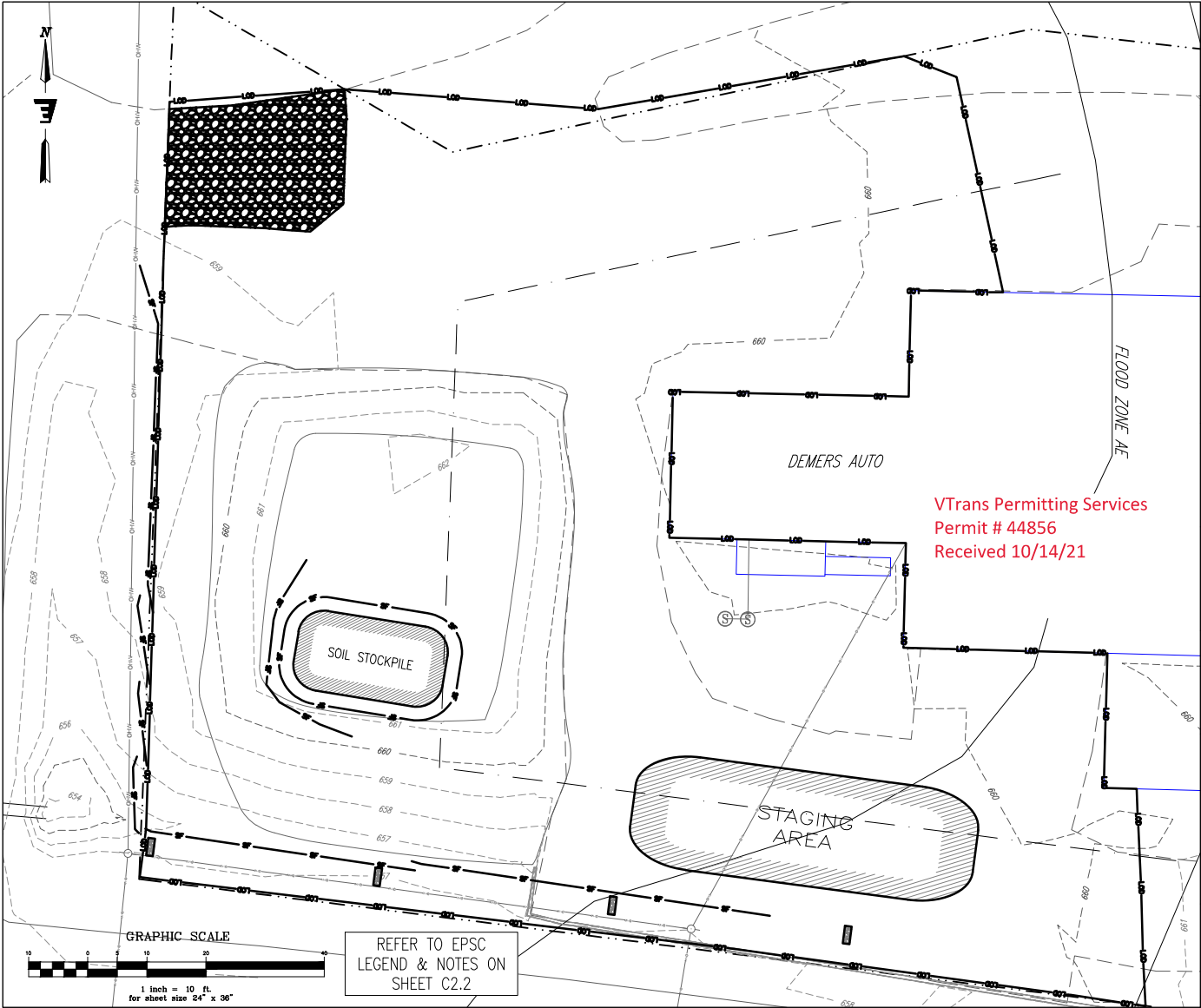
SCALE
1" = 10'

DATE
08/31/2021

DRAWN BY
HKW

CHECKED BY
PB

C2.2



DEMERS AUTOBODY AND SALON
East Montpelier, Vermont

VTrans Permitting Services
Permit # 44856
Received 10/14/21

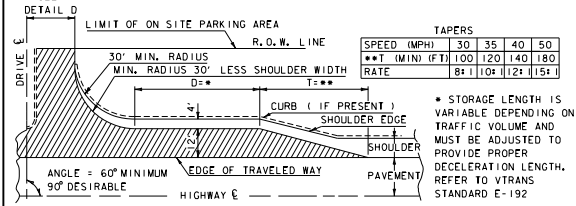
REVISIONS

EPSC Plan
SCALE
1" = 10'
DATE
08/26/2021
DRAWN BY
HKW
CHECKED BY
PB

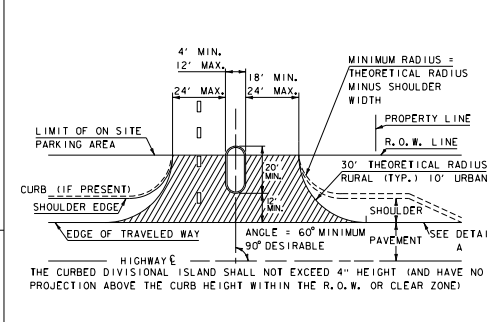
C2.3

REFER TO EPSC
LEGEND & NOTES ON
SHEET C2.2

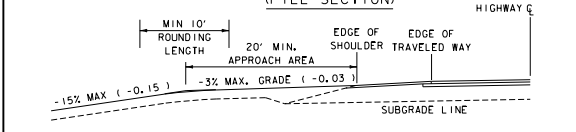
DETAIL A RIGHT TURN LANE FOR COMMERCIAL DRIVE (UNSIGNALIZED INTERSECTIONS ONLY)



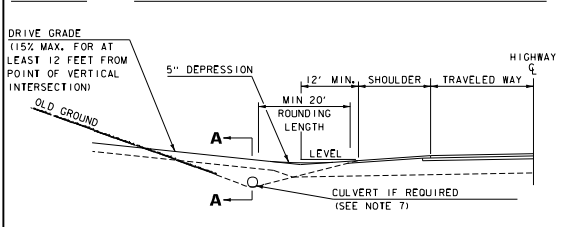
DETAIL B TWO-WAY COMMERCIAL DRIVE WITH DIVISIONAL ISLAND



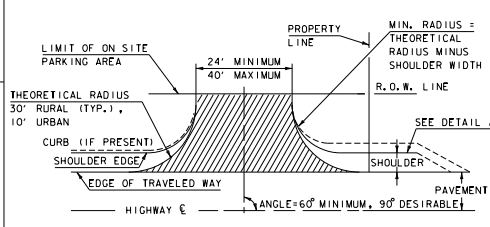
DETAIL C PROFILE OF DRIVE INTERSECTION (FILL SECTION)



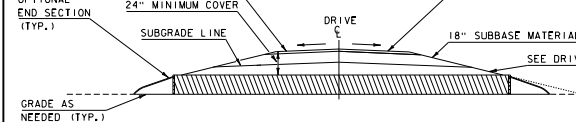
DETAIL E PROFILE OF DRIVE INTERSECTION (CUT SECTION)



DETAIL D TWO-WAY UNDIVIDED COMMERCIAL DRIVE



DETAIL F SECTION A-A



DRIVE SIDE SLOPES TABLE

LOCATION OF SLOPE	SLOPE RATE
DESIGN SPEED > 40 MPH	1:6 OR FLATTER
URBAN AREAS, OR DESIGN SPEED < 40 MPH	1:4 DESIRABLE 1:2 ALLOWABLE
OUTSIDE CLEAR ZONE	1:2 OR FLATTER

- THIS SHEET IS INTENDED FOR USE BY DESIGNERS ON HIGHWAY PROJECTS AND IN CONJUNCTION WITH A PERMIT FOR WORK WITHIN HIGHWAY RIGHTS OF WAY. ALL CONSTRUCTION REQUIRED BY THE PERMIT AND INDICATED ON THIS SHEET SHALL BE THE RESPONSIBILITY OF THE APPLICANT AND IS SUBJECT TO THE APPROVAL OF THE VERMONT AGENCY OF TRANSPORTATION. WHEN USED WITH THE PLANS FOR A HIGHWAY CONSTRUCTION PROJECT, THIS SHEET IS INTENDED TO BE A GUIDE FOR THE DESIGNER CONCERNING DRIVE WIDTHS, HORIZONTAL, VERTICAL AND GEOMETRIC CHARACTERISTICS.
- ALL COMMERCIAL DRIVES SHALL BE PAVED FROM THE EDGE OF THE TRAVELED WAY TO THE HIGHWAY RIGHT-OF-WAY, TO THE FARTHEST POINT OF CURVATURE ON THE DRIVEWAY EDGE OR AS DIRECTED BY THE DISTRICT TRANSPORTATION ADMINISTRATOR. THIS PAVING IS INDICATED IN DETAILS (A, B AND D) BY HATCHING.
- DEPTH OF SUBBASE AND PAVEMENT TO BE THE SAME AS HIGHWAY OR AS SHOWN IN DETAIL F WITHIN THE LIMITS OF THE HIGHWAY RIGHT-OF-WAY.
- VEHICULAR ACCESS FROM PARKING AREAS TO THE RIGHT-OF-WAY AT OTHER THAN APPROVED ACCESS POINTS WILL BE PREVENTED BY THE CONSTRUCTION OF CURBING OR OTHER SUITABLE PHYSICAL BARRIER.
- IF CURB IS PRESENT, SEE APPROPRIATE CURB DETAIL STANDARD.
- WHERE TRAFFIC VOLUME FOR A PROJECT IS SUBSTANTIAL THE AGENCY MAY REQUIRE SPECIAL LANES FOR TURNING, SIGNALS OR OTHER MODIFICATIONS. BASED ON TRAFFIC STUDIES THE AGENCY WILL DETERMINE SPECIFIC TREATMENT TO BE USED.
- CIRCULAR DRAINAGE CULVERTS UNDER DRIVES SHALL HAVE A MINIMUM INSIDE DIAMETER 11.0" OR 15" OR AS OTHERWISE SHOWN ON THE PLANS. PIPE ARCHES USED UNDER DRIVES SHALL HAVE A MINIMUM INSIDE CROSS-SECTIONAL AREA EQUIVALENT TO THAT PROVIDED BY A 15" CIRCULAR PIPE. IF A CULVERT LARGER THAN 15" IS LOCATED UPSTREAM OF THE PROPOSED CULVERT THEN THE NEW CULVERT SHALL, AS A MINIMUM, MATCH THE SIZE OF THE UPSTREAM CULVERT.
- THE OFFSET BETWEEN THE PROPERTY LINE AND THE EDGE OF THE DRIVEWAY MAY BE GOVERNED BY LOCAL ZONING LAWS. DRIVEWAY WIDTH RESTRICTIONS SHOWN PERTAIN ONLY TO THE AREA WITHIN THE HIGHWAY R.O.W. OR THE END OF THE TURNING RADIUS WHICHEVER IS GREATEST.
- DRIVEWAY GRADES STEEPER THAN THOSE SHOWN MAY BE ALLOWED AS LONG AS A 20' APPROACH AREA IS ACHIEVED FOR THE VEHICLE TO PAUSE BEFORE ENTERING THE HIGHWAY.
- THIS STANDARD APPLIES TO LARGER RESIDENTIAL DEVELOPMENTS, SUBDIVISIONS AND OTHER COMMERCIAL ACCESSES. SEE VTRANS STANDARD B-71A FOR FIELD DRIVES, LOGGING DRIVES, AND RESIDENTIAL ACCESSES SERVING UP TO TWO SINGLE FAMILY HOMES OR A DUPLEX.
- FOR DRIVEWAY AND INTERSECTION SPACING DISTANCES REFER TO THE "VERMONT AGENCY OF TRANSPORTATION ACCESS MANAGEMENT PROGRAM GUIDELINES", LATEST REVISION.
- INTERSECTION SIGHT DISTANCES, EQUAL TO OR GREATER THAN THOSE SHOWN BELOW, SHOULD BE PROVIDED IN BOTH DIRECTIONS FOR ALL DRIVES ENTERING ON PUBLIC HIGHWAYS, UNLESS OTHERWISE APPROVED BY THE AGENCY OF TRANSPORTATION. INTERSECTION SIGHT DISTANCE IS MEASURED FROM A POINT ON THE DRIVE AT LEAST 15 FEET FROM THE EDGE OF TRAVELED WAY OF THE ADJACENT ROADWAY AND MEASURED FROM A HEIGHT OF EYE OF 3.5 FEET ON THE DRIVE TO A HEIGHT OF 5 FEET ON THE ROADWAY. STOPPING SIGHT DISTANCE IS MEASURED FROM AN EYE HEIGHT OF 3.5 FEET TO AN OBJECT HEIGHT OF 2.0 FEET ON THE ROADWAY.

SIGHT DISTANCE TABLE

POSTED SPEED OR DESIGN SPEED (MPH)	MINIMUM STOPPING SIGHT DISTANCE (FT)	MINIMUM INTERSECTION SIGHT DISTANCE (FT)
25	155	280
30	200	335
35	250	390
40	305	445
45	360	500
50	425	555
55	495	610

THE ABOVE VALUES ARE TAKEN FROM THE 2011 AASHTO "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS & STREETS."

REV.	DATE	DESCRIPTION
0	JUL 1, 2019	ORIGINAL APPROVAL

OTHER STANDARDS REQUIRED:

COMMERCIAL DRIVES



STANDARD B-71B