

June 27, 2025

John Wiesemann, Code Enforcement Officer Town of Casco 635 Meadow Road Casco, Maine 04105

Re: Major Subdivision Final Plan Application
Meadow Road Subdivision – 7 lots
RN Willey & Sons Excavating, Inc. - Applicant

Dear John:

On behalf of our client RN Willey & Sons Excavating, Inc., please find the enclosed Final Subdivision Plan Application and supporting information related to a proposed seven-lot subdivision on a 17-acre property located on Meadow Road. The property is depicted as "Lot 3" on a previous subdivision approved by the Casco Planning Board in 2007 and recorded in CCRD Plan Book 207, Page 410. The property is located in the Commercial Zoning District and the lots are intended for residential use.

The Planning Board granted Preliminary Approval, with conditions, at the Board's meeting held on June 23. To satisfy the Board's stated conditions, we have made the following plan revisions and provided the following information with this application.

- The Subdivision Plan has been revised to make minor adjustments to the side lot lines to provide 80,000 sf of net area on each lot that excludes the land deducted for determining net residential density. A table has been added to the Plan showing the amount of net area on each proposed lot
- Driveway Entrance Permits have been issued by the Maine Department of Transportation for each of the 7 proposed driveways, and copies of the permit approval letters are attached.
- General Note #11 was added to the Subdivision Plan which requires a metes and bounds
 description of the stormwater buffer on each lot to be identified on any deed transferring
 ownership of a lot, and a requirement that the stormwater buffer remain in a natural forested
 state.
- General Note #12 was added to the Subdivision Plan, along with a driveway slope detail,
 referencing the driveway entrance permits and specifying slope requirements for the driveways.

If you have any questions or require any further information, please don't hesitate to contact us.

Sincerely,
DM Roma Consulting Engineers

Dustin Roma, P.E.

Dustin Roma

President

Cc: RN Willey & Sons Excavation, Inc. – Applicant

TOWN OF CASCO PLANNING BOARD APPLICATION FORM

APPLICANT:

NameRN Willey & Sons Excavating, Inc
Address PO Box 28
South Casco, ME 04077
Email rnwilleyexcavating@yahoo.com
Telephone Number - Home PLEASE PROVIDE AT Office (207) 655 - 7345 LEAST TWO NUMBERS Cell
Interest in Property Applicant is Owner of Property (attach documentation)
Interest in abutting property, if anyNone
OWNER:
Name Same as Applicant
Address
PLEASE CHECK THE ADDRESS TO WHICH THE TOWN SHOULD DIRECT ALL CORRESPONDENCE. TYPE OF PROSPECTIVE ACTIVITY:
Minor Subdivision Plan Review
Major Subdivision Preliminary Plan Review X Major Subdivision Final Plan Review Site Plan Review - List Type Other (specify)
PROJECT X Single Family Multiplex X Other - Commercial Zonin
LOCATION Street Address
Registry of Deeds Book 41383 Page 206 Assessor's Office Map 10 Lot 2-3
OTHER PROJECT INFORMATION
Size of Parcel (acres) 17 acres

Is Zoning Board of Appeals Approval required? _x_ No Yes
Does the applicant intend to request any waivers of Subdivision or Zoning Ordinance provisions? No Yes.
If yes, list and give reasons why:

FEES:

The current schedule of Town fees is attached or available online. Please note: If the Board requests consultation with the Town's lawyer, fees will be passed off to the applicant.

MAPS:

Digital Map Files need to be provided at the time of Planning Board approval. If available, digital map files including level of detail typically occurring on our tax maps (such as base line work, boundary dimensions, lot #'s, areas, road names, etc...).

DEP NOTIFICATION:

- 1. If land development over 20 acres or 5 lots or more, the request requires DEP review.
- DEP approval must be obtained PRIOR to final Planning Board approval.

OTHER:

1. Any WETLAND must be reviewed by the Army Corps of Engineers.

ABUTTOR NOTIFICATION:

- 1. Applicant MUST notify all landowners within 500' of the property by CERTIFIED MAIL RETURN RECEIPT REQUESTED.
- 2. Landowners MUST BE NOTIFIED AT LEAST 10 CALENDAR DAYS PRIOR TO SCHEDULED MEETING.
- 3. the list of landowners with ALL RECEIPTS MUST BE TURNED IN TO THE PLANNING BOARD SECRETARY NO LATER THAN SEVEN (7) DAYS PRIOR TO THE DATE OF THE MEETING.

The undersigned, being the applicant, owner or legally authorized representative, states that all information contained in this application is true and correct to the best of his/her knowledge and hereby does submit the information for review by the Town and in accordance with applicable ordinances, statutes and regulations of the Town, State, and Federal Government.

* All materials to be considered by the Planning Board will be received no later than NOON on the due date for the specific Planning Board meeting. Any material or information received thereafter will not be heard by the Planning Board until a later meeting.

PLEASE TAKE NOTE OF THE FOLLOWING PROVISION OF THE SUBDIVISION ORDINANCE:

§6.1.1 Within six (6) months of the Planning board's classification of the proposal as a Major Subdivision, the applicant shall submit an application for approval of a Preliminary Plan. The Preliminary Plan shall approximate the layout shown on the sketch plan plus any recommendations made by the Planning Board. Substantial redesign of the sketch plan or failure to meet the six (6) month deadline shall require resubmission of the sketch plan to the Planning Board.

6-27-2025

DATE

Dustin Roma

SIGNATURE OF APPLICANT/OWNER OR REPRESENTATIVE



Governor

Maine Department of Transportation

Driveway/Entrance Permit

Bruce A. Van Note Commissioner

Permit Number: 40928 - Entrance ID: 1

OWNER

Name:

RN Willey & Sons Excavating INC

Address:

PO Box 28

South Casco, ME 04077

Telephone:

(207)831-6253

Date Printed: June 23, 2025

LOCATION

Route:

0121X, Meadow Road

Municipality:

Casco

County:

Cumberland

Tax Map:

10 Lot Number: 2-3 (lot 1)

Culvert Size:

15 inches

Culvert Type: Culvert Length: plastic 30 feet

Date of Permit:

June 23, 2025

Approved Entrance Width: 14 feet

In accordance with rules promulgated under 23 M.R.S.A., Chapter 13, Subchapter I, Section 704, the Maine Department of Transportation (MaineDOT) approves a permit and grants permission to perform the necessary grading to construct, in accordance with sketch or attached plan, a **Driveway** to **Single Family Dwelling** at a point **2218** feet **South** from **Townline Otisfield/Casco**, subject to the Chapter 299 Highway Driveway and Entrance Rules, standard conditions and special conditions (if any) listed below.

Conditions of Approval:

This Permittee acknowledges and agrees to comply with the Standard Conditions and Approval attached hereto and to any Specific Conditions of Approval shown here.

- G THE ENTRANCE SHALL BE LOCATED AT GPS COORDINATES: 44.015620N, -70.526323W.
- S In the town of Casco on the westerly side of Route 121, the centerline being approximately 2218 feet southerly of the Townline Otisfield/Casco and approximately 81 feet southerly of utility pole 22.
- S The culvert shall be HDPE smoothbore plastic pipe. The property owner must contact MaineDOT at (207) 998-4281 prior to culvert and entrance installation to review procedures and arrange an inspection.
- S The property owner will keep the trees, brush, limbs and vegetation trimmed looking in both directions from driveway/entrance so as to maintain proper sight distances.

Approved by: _	Van Tail	Date:	2-23-2029



Governor

Maine Department of Transportation

Driveway/Entrance Permit

Bruce A. Van Note Commissioner

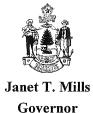
Permit Number: 40929 - Entrance ID: 1		LOCATION		
		Route:	0121X, Meadow Road	
	OWNER	Municipality:	Casco	
Name:	RN Willey & Sons Excavating INC	County:	Cumberland	
Address:	PO Box 28	Tax Map:	10 Lot Number: 2-3 (Lot 2)	
ridar Coo.	South Casco, ME 04077	Culvert Size:	inches	
Telephone:	(207)831-6253	Culvert Type:	N/R	
1 clephone. (207)851-0255	Culvert Length:	feet		
		Date of Permit:	June 23, 2025	
Date Printed: June 23, 2025		Approved Entrance V	Vidth: 14 feet	

In accordance with rules promulgated under 23 M.R.S.A., Chapter 13, Subchapter I, Section 704, the Maine Department of Transportation (MaineDOT) approves a permit and grants permission to perform the necessary grading to construct, in accordance with sketch or attached plan, a **Driveway** to **Single Family Dwelling** at a point **1937** feet **South** from **Townline Otisfield/Casco**, subject to the Chapter 299 Highway Driveway and Entrance Rules, standard conditions and special conditions (if any) listed below.

Conditions of Approval:

This Permittee acknowledges and agrees to comply with the Standard Conditions and Approval attached hereto and to any Specific Conditions of Approval shown here.

- G THE ENTRANCE SHALL BE LOCATED AT GPS COORDINATES: 44.016272N, -70.526665W.
- S In the town of Casco on the westerly side of Route 121, the centerline being approximately 1937 feet southerly of the centerline of the Otisfield/Casco Townline and approximately 171 feet northerly of utility pole 22.
- S To achieve the required sight distance the driveway must maintain the same existing elevation/grade and must be elevated in the platform area for proper sight distances, see attached details.
- S The Property Owner shall employ one of the two following right-of-way (ROW) drainage improvements: 1)The existing drainage swale in the highway ROW shall be excavated, thereby creating a ditch of sufficient depth and length to allow water to flow into and out of a HDPE smoothbore plastic pipe under the driveway; or 2) A paved apron with a well defined swale shall be installed so that drainage in the ROW swale passes over the apron.
- S The property owner will keep the trees, brush, limbs and vegetation trimmed looking in both directions from driveway/entrance so as to maintain proper sight distances.



Driveway/Entrance Permit

Bruce A. Van Note
Commissioner

Permit Number: 40930 - Entrance ID: 1 **LOCATION** Route: 0121X, (No road name) Municipality: Casco **OWNER** County: **Cumberland** Name: RN Willey & Sons Excavating INC Tax Map: 10 Lot Number: 2-3 (lot 3) Address: PO Box 28 Culvert Size: inches South Casco, ME 04077 Culvert Type: N/R Telephone: (207)831-6253 Culvert Length: feet Date of Permit: June 23, 2025 Date Printed: June 23, 2025 Approved Entrance Width: 14 feet

In accordance with rules promulgated under 23 M.R.S.A., Chapter 13, Subchapter I, Section 704, the Maine Department of Transportation (MaineDOT) approves a permit and grants permission to perform the necessary grading to construct, in accordance with sketch or attached plan, a **Driveway** to **Single Family Dwelling** at a point **1602** feet **South** from **Townline Otisfield/Casco**, subject to the Chapter 299 Highway Driveway and Entrance Rules, standard conditions and special conditions (if any) listed below.

Conditions of Approval:

This Permittee acknowledges and agrees to comply with the Standard Conditions and Approval attached hereto and to any Specific Conditions of Approval shown here.

- G THE ENTRANCE SHALL BE LOCATED AT GPS COORDINATES: 44.017017N, -70.527246W.
- S In the town of Casco on the westerly side of Route 121, the centerline being approximately 1602 feet southerly of the centerline the Otisfield/Casco Townline and approximately 94 feet southerly of utility pole 24.
- S The property owner will keep the trees, brush, limbs and vegetation trimmed looking in both directions from driveway/entrance so as to maintain proper sight distances.

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Approved by:	, ,	Date:	007000



Driveway/Entrance Permit

Bruce A. Van Note Commissioner

Permit Number: 40931 - Entrance ID: 1

OWNER

Name:

RN Willey & Sons Excavating INC

Address:

PO Box 28

South Casco, ME 04077

Telephone:

(207)831-6253

Date Printed: June 23, 2025

LOCATION

Route:

0121X, Meadow Road

Municipality:

Casco

County:

Cumberland

Tax Map:

10 Lot Number: 2-3 (lot 4)

Culvert Size:

inches

Culvert Type: Culvert Length: N/R feet

Date of Permit:

June 23, 2025

Approved Entrance Width: 14 feet

In accordance with rules promulgated under 23 M.R.S.A., Chapter 13, Subchapter I, Section 704, the Maine Department of Transportation (MaineDOT) approves a permit and grants permission to perform the necessary grading to construct, in accordance with sketch or attached plan, a Driveway to Single Family Dwelling at a point 1503 feet South from Townline Otisfield/Casco, subject to the Chapter 299 Highway Driveway and Entrance Rules, standard conditions and special conditions (if any) listed below.

Conditions of Approval:

This Permittee acknowledges and agrees to comply with the Standard Conditions and Approval attached hereto and to any Specific Conditions of Approval shown here.

(G = GPS Location; W = Waiver; S = Special Condition)

G - THE ENTRANCE SHALL BE LOCATED AT GPS COORDINATES: 44.017287N, -70.527327W.

- S In the town of Casco on the westerly side of Route 121, the centerline being approximately 1503 feet southerly of the centerline of the Otisfield/Casco Townline and approximately 20 feet northerly of utility pole 24.
- S The driveway shall have a slope no steeper than the highway shoulder for a length of 25 feet.
- S The property owner will keep the trees, brush, limbs and vegetation trimmed looking in both directions from driveway/entrance so as to maintain proper sight distances.

Approved by:	Van Tall	Date:	6-23-2025
approved by.		Date	



Driveway/Entrance Permit

Bruce A. Van Note Commissioner

Permit Number: 40932 - Entrance ID: 1		LOCATION		
Name: Address:	OWNER RN Willey & Sons Excavating INC PO Box 28	Route: Municipality: County: Tax Map: Culvert Size:	0121X, Meadow Road Casco Cumberland 10 Lot Number: 2-3 (Lot 5) inches	
Telephone:	South Casco, ME 04077 (207)831-6253	Culvert Type: Culvert Length:	N/R feet	
Date Printed	: June 23, 2025	Date of Permit: Approved Entrance Width	June 23, 2025 · 14 feet	

In accordance with rules promulgated under 23 M.R.S.A., Chapter 13, Subchapter I, Section 704, the Maine Department of Transportation (MaineDOT) approves a permit and grants permission to perform the necessary grading to construct, in accordance with sketch or attached plan, a **Driveway** to **Single Family Dwelling** at a point **709** feet **South** from **Townline Otisfield/Casco**, subject to the Chapter 299 Highway Driveway and Entrance Rules, standard conditions and special conditions (if any) listed below.

Conditions of Approval:

This Permittee acknowledges and agrees to comply with the Standard Conditions and Approval attached hereto and to any Specific Conditions of Approval shown here.

- G THE ENTRANCE SHALL BE LOCATED AT GPS COORDINATES: 44.019431N, -70.528016W.
- S In the town of Casco on the westerly side of Route 121, the centerline being approximately 709 feet southerly of the Otisfield/Casco Townline and approximately 115 feet northerly of utility pole 27.
- S The property owner will keep the trees, brush, limbs and vegetation trimmed looking in both directions from driveway/entrance so as to maintain proper sight distances.

Approved by:	In Tulk	Date:	6-23-2025
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Driveway/Entrance Permit

Bruce A. Van Note Commissioner

Permit Number: 40933 - Entrance ID: 1

OWNER

Name:

RN Willey & Sons Excavating INC

Address:

PO Box 28

South Casco, ME 04077

Telephone:

(207)831-6253

Date Printed: June 23, 2025

LOCATION

Route:

0121X, Meadow Road

Municipality:

Casco

County:

Cumberland

Tax Map:

10 Lot Number: 2-3 (lot 6) inches

Culvert Size: Culvert Type:

N/R

Culvert Length:

feet

Date of Permit:

June 23, 2025

Approved Entrance Width: 14 feet

In accordance with rules promulgated under 23 M.R.S.A., Chapter 13, Subchapter I, Section 704, the Maine Department of Transportation (MaineDOT) approves a permit and grants permission to perform the necessary grading to construct, in accordance with sketch or attached plan, a Driveway to Single Family Dwelling at a point 462 feet South from Townline Otisfield/Casco, subject to the Chapter 299 Highway Driveway and Entrance Rules, standard conditions and special conditions (if any) listed below.

Conditions of Approval:

This Permittee acknowledges and agrees to comply with the Standard Conditions and Approval attached hereto and to any Specific Conditions of Approval shown here.

(G = GPS Location; W = Waiver; S = Special Condition)

G - THE ENTRANCE SHALL BE LOCATED AT GPS COORDINATES: 44.020157N, -70.528430W.

- S In the town of Casco on the westerly side of Route 121, the centerline being approximately 462 feet southerly of the Otisfield/Casco Townline and approximately 121 feet northerly of utility pole 28.
- S The property owner will keep the trees, brush, limbs and vegetation trimmed looking in both directions from driveway/entrance so as to maintain proper sight distances.

Approved by: _	Vantual	Date: _	Q-23-2025



Driveway/Entrance Permit

Bruce A. Van Note Commissioner

Permit Number: 40934 - Entrance ID: 1		LOCATION		
	OWNER	Route: Municipality:	0121X, Meadow Road Casco	
Name: Address: Telephone:	RN Willey & Sons Excavating INC PO Box 28 South Casco, ME 04077 (207)831-6253	County: Tax Map: Culvert Size: Culvert Type: Culvert Length:	Cumberland 10 Lot Number: 2-3 (lot 7) inches N/R feet	
Date Printed	: June 23, 2025	Date of Permit: Approved Entrance Width:	June 23, 2025 14 feet	

In accordance with rules promulgated under 23 M.R.S.A., Chapter 13, Subchapter I, Section 704, the Maine Department of Transportation (MaineDOT) approves a permit and grants permission to perform the necessary grading to construct, in accordance with sketch or attached plan, a **Driveway** to **Single Family Dwelling** at a point **81** feet **South** from **Townline Otisfield/Casco**, subject to the Chapter 299 Highway Driveway and Entrance Rules, standard conditions and special conditions (if any) listed below.

Conditions of Approval:

This Permittee acknowledges and agrees to comply with the Standard Conditions and Approval attached hereto and to any Specific Conditions of Approval shown here.

- G THE ENTRANCE SHALL BE LOCATED AT GPS COORDINATES: 44.020970N, -70.528390W.
- S In the town of Casco on the westerly side of Route 121, the centerline being approximately 81 feet southerly of the Otisfield/Casco Townline and approximately 34 feet northerly of utility pole 30.
- S The driveway shall have a slope no steeper than the highway shoulder for a length of 25 feet.
- S The property owner will keep the trees, brush, limbs and vegetation trimmed looking in both directions from driveway/entrance so as to maintain proper sight

distances.				
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Approved by: _	· · · · · · · · · · · · · · · · · · ·	Date:	(- C/ - CO -)	

STANDARD CONDITIONS AND APPROVAL

- 1. Provide, erect and maintain all necessary barricades, lights, warning signs and other devices as directed by MaineDOT to properly safeguard traffic while the construction is in progress.
- 2. At no time cause the highway to be closed to traffic
- 3. Where the driveway is located within a curb, curb and gutter, and/or sidewalk section, completely remove the existing curb, curb and gutter, and/or sidewalk as may be required to create the driveway and restore drainage. All driveways abutting sidewalk sections shall meet the requirements set forth in the Americans with Disabilities Act of 1990, 42 U.S.C. Sec. 12131 et seq.
- 4. Obtain, have delivered to the site, and install any culverts and/or drainage structures which may be necessary for drainage, the size, type and length as called for in the permit pursuant to 23 M.R.S.A. Sec. 705. All culverts and/or drainage structures shall be new.
- 5. Start construction of the proposed driveway within twenty-four (24) months of the date of permit issuance and substantially complete construction of the proposed driveway within twelve months of commencement of construction.
- 6. Comply with all applicable federal, state and municipal regulations and ordinances.
- 7. Do not alter, without the express written consent of the MaineDOT, any culverts or drainage swales within the MaineDOT right of way.
- 8. File a copy of the approved driveway permit with the affected municipality or LUPC, as appropriate within 5 business days of receiving the MaineDOT approval.
- 9. Construct and maintain the driveway side slopes to be no steeper than the adjacent roadway side slopes, but in no case to be steeper than 3 horizontal to 1 vertical, unless the side slope is behind existing roadway guardrail, in which case it shall be no steeper than 2 horizontal to 1 vertical.
- 10. Notify the MaineDOT of a proposed change of use served by the driveway when increase in traffic flow is expected to occur. This does not exempt the need for obtaining a Traffic Movement Permit (TMP) if trip generation meets or exceeds 100 passenger car equivalents (PCE) during the peak hour of the day.
- 11. Construct or implement and maintain erosion and sedimentation measures sufficient to protect MaineDOT facilities.
- 12. Driveways shall be designed such that all maneuvering and parking of any vehicles will take place outside the highway right-of-way and where vehicles will exit the premises without backing onto the highway traveled way or shoulders. All driveways will have a turnaround area to accommodate vehicles using the premises.
- 13. Closing any portion of a highway or roadway including lanes, shoulders, sidewalks, bike lanes, or ATV access routes is not permitted without MaineDOT approval.

FURTHER CONDITION OF THE PERMIT

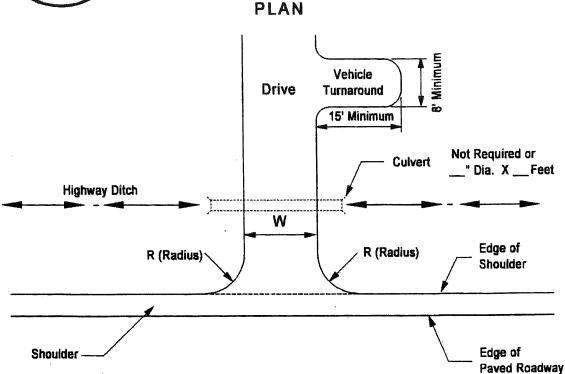
The owner shall assume, the defense of, and pay all damages, fines, and penalties for which he/she shall become liable, and shall indemnify and safe harmless said Department, its representatives, agents and employees from liability, actions against all suits, claims, damages for wrongful death, personal injuries or property damage suffered by any person or association which results from the willful or negligent action or inaction of the owner/applicant (agent) and in proceedings of every kind arising out of the construction and maintenance of said entrance(s), including snow removal.

Nothing herein shall, nor is intended to, waive any defense, immunity or limitation of liability which may be available to the MaineDOT, their officers, agents or employees under the Maine Tort Claims Act or any other privileges and/or immunities provided by law. It is a further condition that the owner will agree to keep the right of way inviolate for public highway purposes and no signs (other than traffic signs and signals), posters, billboards, roadside stands, culvert end walls or private installations shall be permitted within Right of Way limits.



State of Maine Department of Transportation

Entrance / Driveway Details

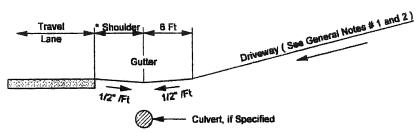


GENERAL NOTES -

- 1. ALL RESIDENTAL OR COMMERCIAL DRIVES WITH 10% GRADE OR MORE SLOPING DOWN TOWARDS THE HIGHWAY SHALL BE PAVED TO THE RIGHT OF WAY LINE, AS A MINIMUM, INCUDING SHOULDER, IF GRAVEL AND HAVE DITCHES TO CONTROL RUNOFF.
- 2. DRIVES SLOPING TO THE HIGHWAY SHALL BE CROWNED (1/2" PER FT. MINIMUM).
- 3. TO THE MAXIMUM EXTENT PRACTICAL, THE ENTRANCE MUST BE CONSTRUCTED PERPENDICULAR TO THE HIGHWAY AT THE POINT OF ACCESS. EXCEPT WHERE CURBING EXISTS OR IS PROPOSED, THE MINIMUM RADIUS ON THE EDGES OF THE ENTRANCE MUST BE 10 FEET OR AS OTHERWISE REQUIRED AS SHOWN.
- 4. ENTRANCES/DRIVEWAYS WILL BE BUILT WITH AN ADEQUATE TURN-AROUND AREA ON SITE TO ALLOW ALL VEHICLES TO MANUVER AND PARK WITHOUT BACKING ONTO THE HIGHWAY. THIS TURN-AROUND SHALL BE AT LEAST 8 FEET WIDE BY 15 FEET LONG.
- 5. ENTRANCES/DRIVEWAYS AND OTHER ASSOCIATED SITE WORK WHICH DIRECTS WATER (RUNOFF) TOWARD THE HIGHWAY MUST BE CONSTRUCTED, CROWNED STABILIZED AND MAINTAINED WITH MATERIALS AND APPROPRIATE TEMPORARY/PERMANENT EROSION CONTROL MATERIALS IN ACCORDANCE WITH MOOT BEST MANAGEMENT PRACTICES.
- 6. THE PROFILE OF THE ENTRANCES MUST COMPLY WITH THE DETAILS SHOWN ON PAGE 2.

MDOT Entrance / Driveway Details, Continued

PROFILE Details

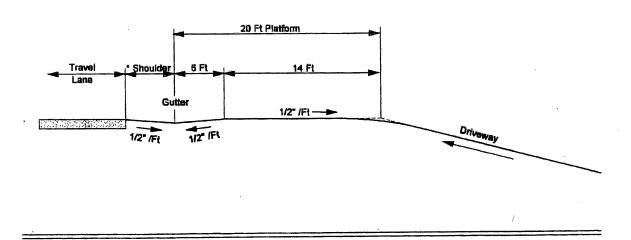


NOTE:

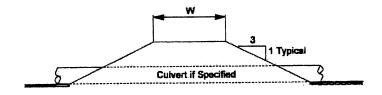
Grade of Existing Shoulder Should Be Maintained To Create A Gutter With a Minimum Of Three Inches Below The Edge Of Traveled Way.

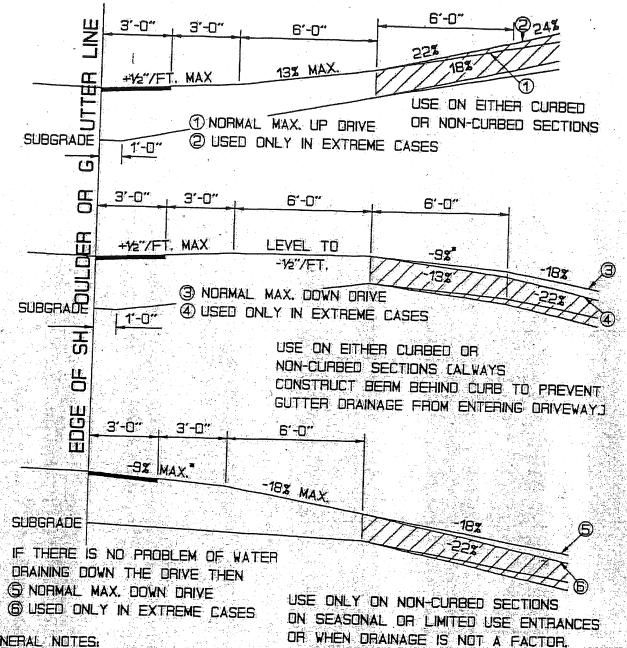
* Distance Of The Gutter From The Edge Of Traveled Way Should Be

The Same As Existing Shoulder Or A Minimum Of 4 Feet.



Driveway Cross Section





GENERAL NOTES:

- 1. THE FIRST 3' SHOWN AS PAVEMENT SHALL BE PAVED ONLY WHEN ABUTTING A PAYED AREA.
- 2. ALL RESIDENTIAL OR COMMERCIAL DRIVES 10% AND OVER SHALL BE PAVED.

NOTES ON MAXIMUM DRIVENAY PROFILES:

- 1. THESE PROFILES ARE A GUIDE FOR THE MAJORITY OF CASES. BUT SHOULD BE FIELD CHECKED WHEN THE MAIN LINE GRADE IS STEEP (4% TO 5% OR GHEATER) OR THE ANGLE OF APPROACH TO THE DRIVE IS UNUSUAL.
- 2. GENERALLY THE MAJORITY OF DRIVES ON A PROJECT WILL BE BUILT WITH FLATTER PROFILES THAN THESE MAXIMUM CASES.
- 3. WHEN GRADING DRIVES WHICH ARE FLATTER THAN THE MAXIMUM PROFILES THE FOLLOWING RULE OF THUMB SHOULD BE USED, DO NOT EXCEED A GRADE I CHANGE OF MORE THAN 91 IN A 6 FOOT INCREMENT OF DRIVEWAY LENGTH. THIS APPLIES TO BOTH UP AND DOWN PROFILES.