

RULES AND REGULATIONS GOVERNING THE APPROVAL FOR CONSTRUCTION OF AN INSTALLATION OF PROPOSED DRIVEWAYS AND DRIVEWAY DRAINAGE CULVERT OR PIPES HAVING FRONTAGE OR DIRECT ACCESS TO OR OTHERWISE DIRECTLY RELATED TO A TOWN ROAD.

GENERAL PROVISIONS

DRIVEWAY CULVERT PIPE:

All driveway culvert pipe with necessary collars, couplings or connectors must be furnished by applicant. Culvert pipe must be new or in a condition acceptable to the Town of Mamakaling Highway Department. Minimum diameter of pipe for normal drainage area shall be twelve inches (12"). If water shed or drainage area warrants a larger pipe, the size determined and recommended by the Town of Mamakaling Highway Department shall be installed. The length of the pipe installation shall be thirty feet (30') minimum not exceeding forty feet (40') maximum. If conditions warrant a deviation from above rule or specification, approval must be obtained from the Superintendent of Highways. Installation of driveway culvert pipe shall be subject to approval of permit.

DRIVEWAY GRADES:

Driveway grades shall be constructed to slope downward from the edge of road pavement to the existing drainage or ditchline. Where approaches are to be paved with bituminous material or concrete, the minimum rate of slope shall be 1/4" per foot. For all other surfacing, the slope shall be a minimum of 1/2" per foot.

Driveway must have suitable drainage ditches and be crowned no less than 1/4" per foot.

Area of driveway between edge of road pavement and ditchline shall have suitable base of at least eight inches (8") of gravel or equivalent.

Driveways with pavement starting at the edge of the existing road pavement shall slope downward to the centerline of existing ditchline with a minimum slope of 1/4" per foot.

Where existing driveways are to be paved or repaved and do not meet the requirements given herein, they shall be regraded to meet the minimum standards acceptable to this Department.

Drainage of highway ditches shall not be impeded. All driveway pipes must be installed to conform with the existing grade of ditch or drainage line.

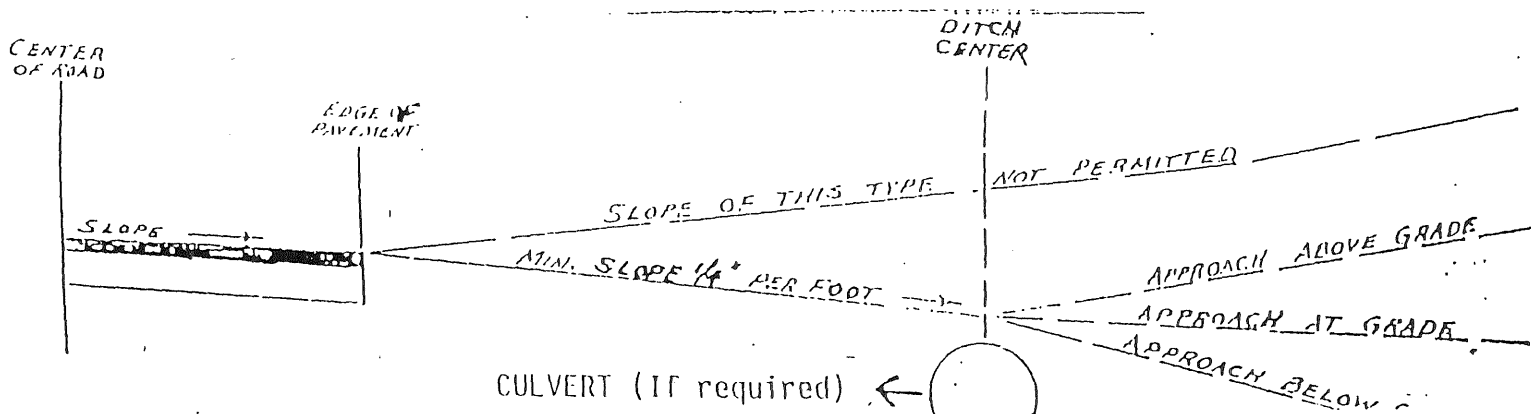
No part of any driveway shall be constructed outside of the frontage of an applicant's property. Extreme care should be taken in, properly locating and grading drives so as not create "Blind" points of egress along a highway.

If a culvert pipe is required, diameter and length shall be specified by the Town of Mamakaling Highway Department

NOTES: From the standpoint of safety and utility, the approach from a driveway or side road must be constructed as shown below.

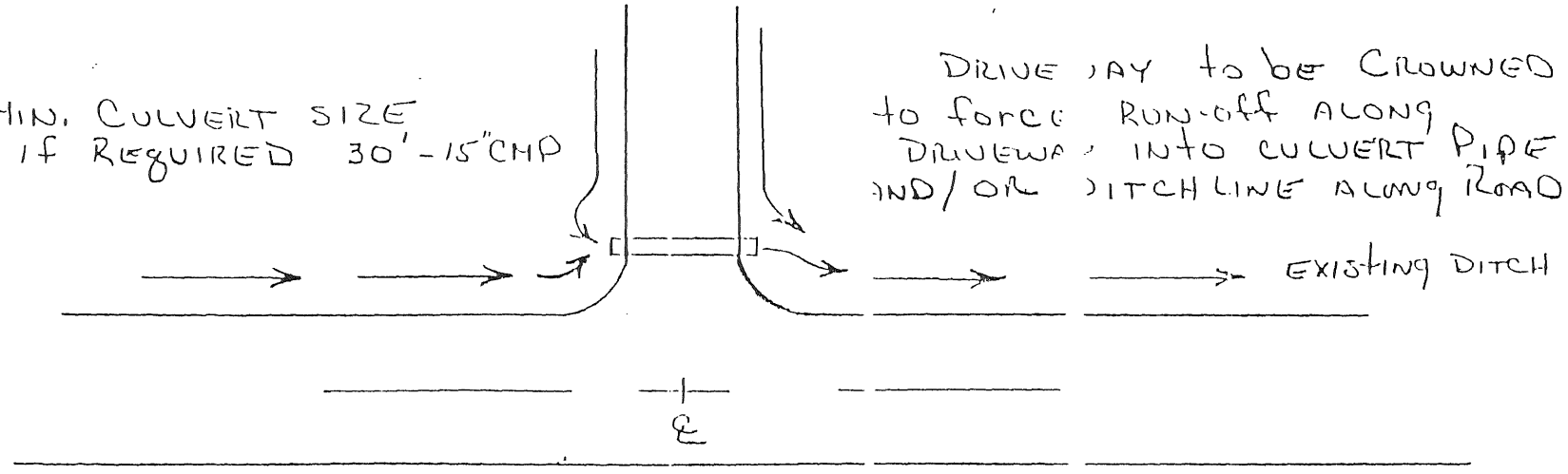
Failure to maintain the proper slope and width of shoulder at such driveway and side road approaches creates a traffic hazard and a poor drainage condition.

STANDARD APPROACH TO TOWN ROADS  
TYPICAL CROSS SECTION (Not to Scale)

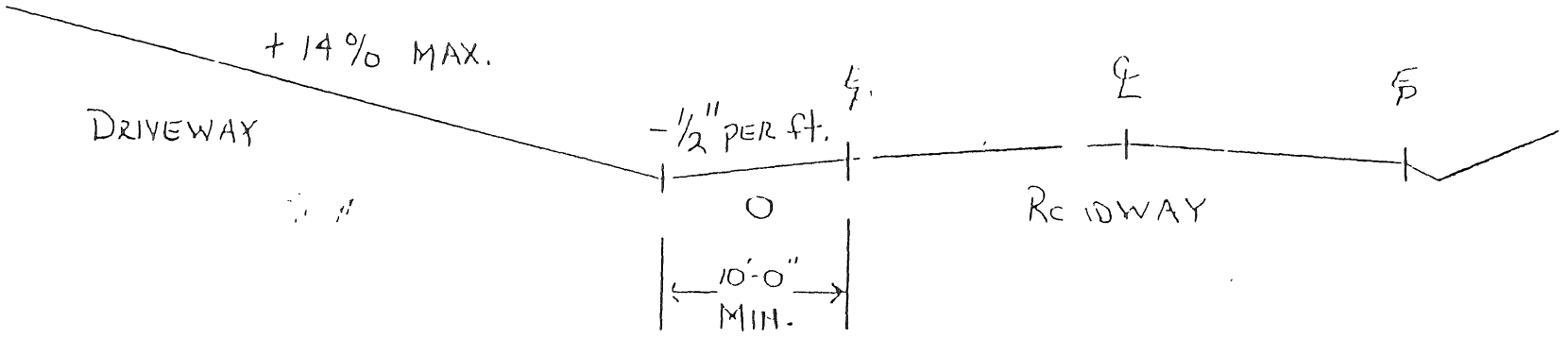


MIN. CULVERT SIZE  
IF REQUIRED 30'-15" CMP

DRIVEWAY TO BE CROWNED  
TO FORCE RUN-OFF ALONG  
DRIVEWAY INTO CULVERT PIPE  
AND/OR DITCH LINE ALONG ROAD



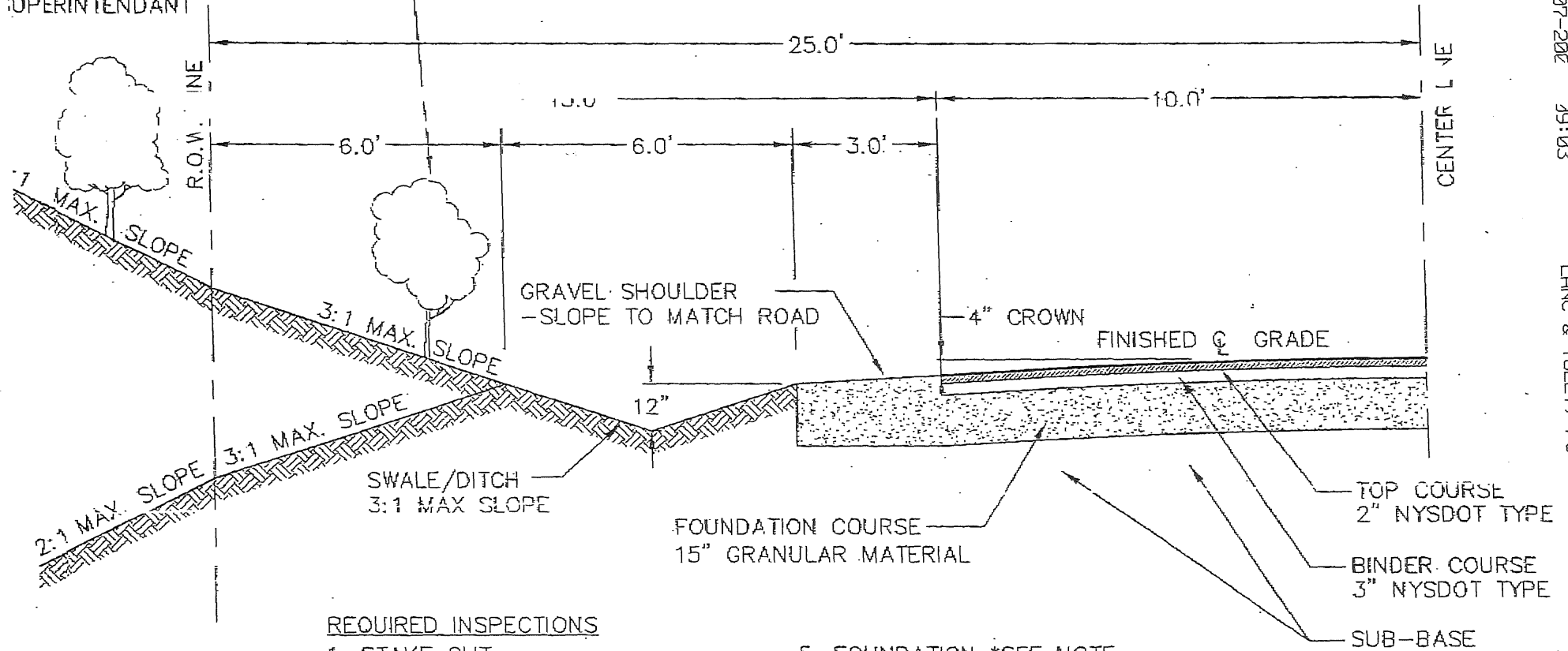
PLAN.



Profile

# TOWN OF MAMAKATING

EXISTING TREES & VEGETATION TO REMAIN UNLESS APPROVED OR REMOVAL BY HIGHWAY SUPERINTENDANT



REQUIRED INSPECTIONS

- |                               |                         |
|-------------------------------|-------------------------|
| 1. STAKE OUT                  | 5. FOUNDATION *SEE NOTE |
| 2. CLEAR & GRUB WITHIN R.O.W. | 6. BINDER               |
| 3. GRADING-SUBBASE            | 7. TOPSOIL, SEED        |
| 4. UTILITIES-STORM DRAINAGE   | 8. TOPCOURSE            |

NOTE: \* FOUNDATION COURSE IS TO BE PROOF ROLLED PRIOR TO PLACEMENT OF PAVEMENT.

\*\* COLLECTOR STREET TO PROVIDE ADDITIONAL 10' OF R.O.W. UNLESS AREA IS PROPOSED NOT TO BE DISTURBED.

WHERE IN THE OPINION OF THE TOWN ENGINEER AND HIGHWAY SUPERINTENDANT, THE PROPOSED SLOPES OF ROADWAYS AND SWALES WARRANT IT, CATCH BASINS AND DRAINAGE PIPES CAN BE REQUIRED. -TYPICALLY THIS WILL OCCUR WHEN SLOPES EXCEED 7% BUT DUE TO SPECIFIC SITE CONDITIONS THIS SLOPE MAY BE REDUCED.

## MINOR AND COLLECTOR\*\* STREETS CROSS SECTION

NOT TO SCALE