

Specifications for Reestablishment of Maintenance on a Low Volume Road In Houghton County

This specification is a minimum road construction standard for upgrading an existing county road which may never have been maintained in the winter or has deteriorated through misuse or excessive growth of vegetation to the point where it is not either safe or economical to maintain.

This specification is to apply to upgrading an existing road for the benefit of a single family principal residence and use of passenger vehicles or light trucks.

The cost of these improvements are to be paid for by other than Houghton County Road Commission funds.

By permitting these minimal standards to reestablish road maintenance, the Houghton County Road Commission is recognizing the past income received from the Michigan Transportation Fund.

Upon completion, the Houghton County Road Commission will maintain these roadways at equal standards with other similarly categorized roads in Houghton County.

It should be realized that these standards for improvement are very minimal for roads in areas such as Houghton County, which are subject to heavy snow and severe frost damage, and the Road Commission would encourage superior construction standards so that the inconvenience of dust in the summer and rutting during spring breakup is kept to a minimum.

It should also be noted that service to low volume single family "local" roads is generally performed after completion of county "primary" roads.

The higher volume collector routes carrying school buses and emergency services to outlying areas are maintained at higher standards in order to benefit the greatest number of residents.

Specific maintenance information can be furnished upon request.

Details of construction standards are shown on the accompanying Exhibit No. 1.

ROAD SPECIFICATIONS FOR MULTIPLE FAMILY RESIDENCE TRAFFIC

ITEM
DESCRIPTIONS

WEARING SURFACE:

1. 24' wide minimum top;
2. 12" high above adjacent ground at blade clearance width;
3. Fill may be pit run, under 3" diameter, with less than 3 percent loss by wash, providing a dense, stable surface. If unstable, the top 3" should be MDOT 23A gravel or similar. For a marginal subgrade material 3" of stamp sand may be used under the 23A wearing surface;
4. Shall be a 14'0 high vertical height clear of branches or wires.

BLADE CLEARANCE

1. 40' wide minimum clear horizontal distance between trees, stumps, hedges, rocks or other obstructions which might damage a plow or wing;
2. This area should be cleared of all organic material such as topsoil, peat or wood prior to shaping.

SNOW STORAGE

1. This area should be able to withstand storage of snow pushed into it, and be "generally" clear of natural or man-made objects which either might be damaged or cause damage to Houghton County Road Commission snow removal equipment.

TURNAROUND AREAS:

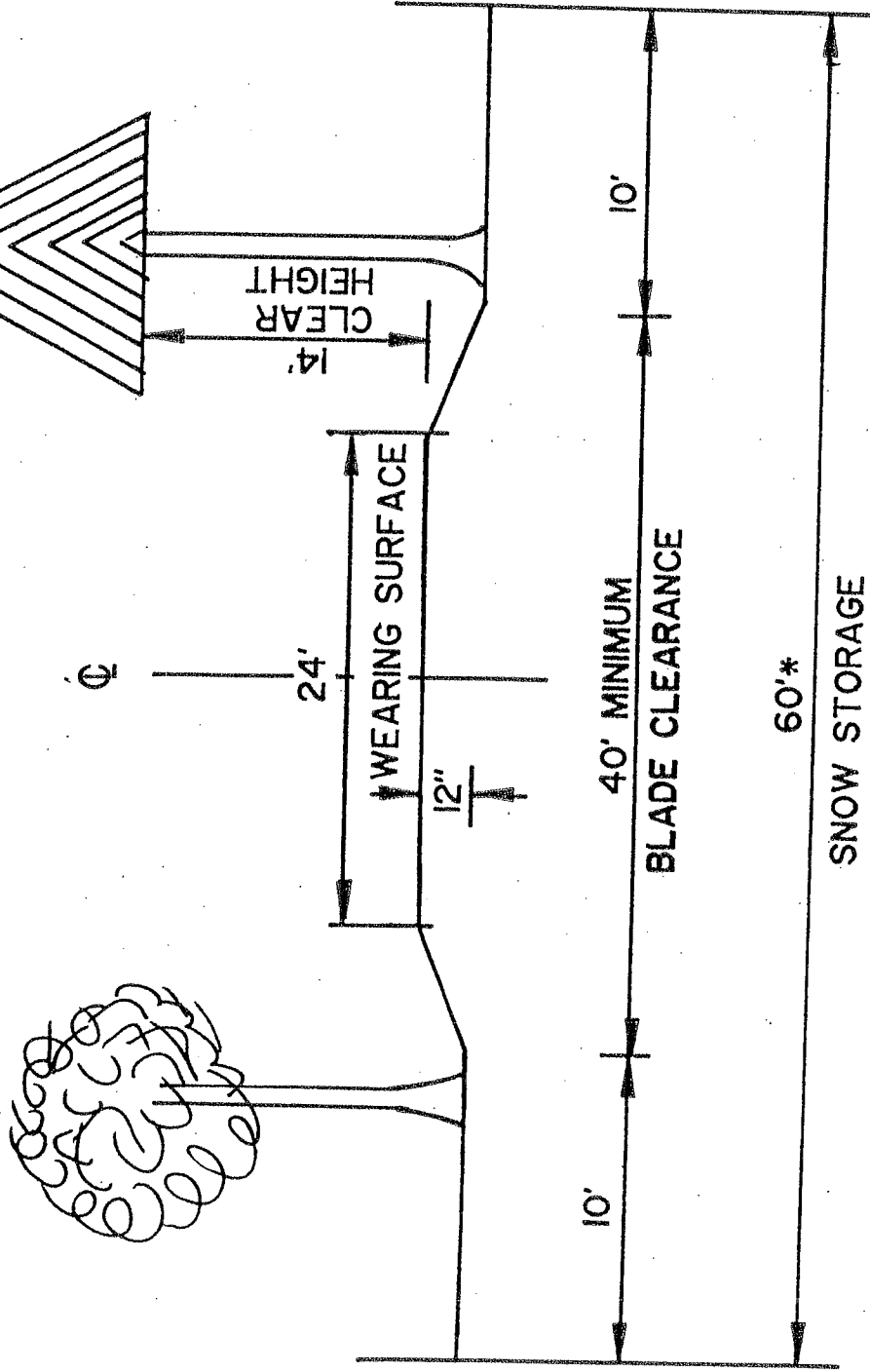
If no outlet is available, a minimum 10,000 sft. area should be furnished by the owner, preferably on a permit basis which relieves the Road Commission of any liability.

DITCHES:

If ditches are present, the ditch area, including foreslope, ditch bottom and at least three feet up the backslope shall be cleared and grubbed.

TYPICAL CROSS SECTION

TO REESTABLISH WINTER MAINTENANCE
ON AN EXISTING SEASONAL COUNTY
ROAD FOR MULTIPLE FAMILY
RESIDENCE TRAFFIC



* OR WIDTH OF RIGHT OF WAY