



## Surface Width

### Good

22 ft or more  
(6.7 m)



1

Include any shoulder in the width that is suitable for travel

### Fair

16 to 21 ft  
(4.9 to 6.4 m)



2

Be aware of trees and slopes that may influence your width perception

### Poor

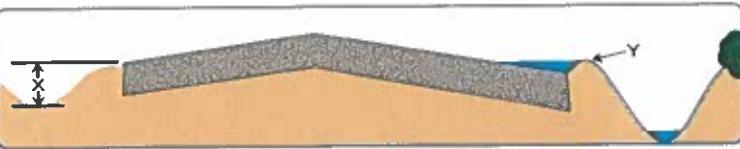
15 ft or less  
(4.6 m)



3

Oriентate yourself by physically measuring the width until you are comfortable making accurate estimates from your vehicle

## Drainage Adequacy



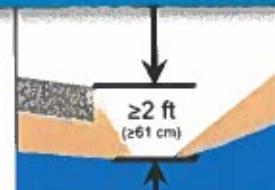
1

Note whether driveway culverts are present; if they are, then drainage is most likely good or fair

### Good

X is 2 ft or more  
(61 cm)

No secondary ditches (Y) present

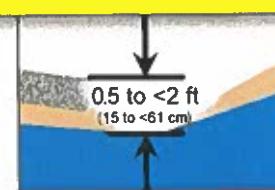


2

Be aware of conditions that would not warrant ditching (i.e., tops of hills) that may influence your perception of ditches

### Fair

X is 0.5 to <2 ft  
(15 to <61 cm)  
OR X is 2 ft or more AND secondary ditches present

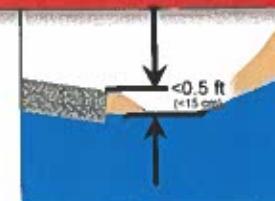


3

Measure the actual ditch depth until you are comfortable estimating accurately from your vehicle

### Poor

X is <0.5 ft  
(15 cm)  
Secondary ditches may or may not be present



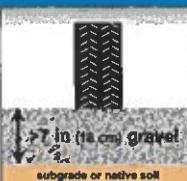
4

Be aware of tall grass hiding ditches

# Structural Adequacy

## Good

>7 in of good gravel  
(18 cm)



## Fair

4-7 in of good gravel  
(10 to 18 cm)



## Poor

<4 in of good gravel  
(10 cm)

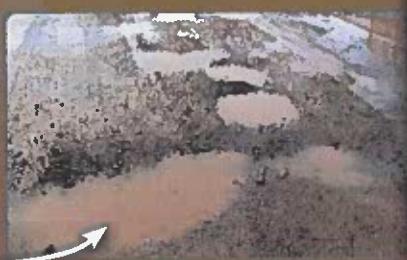


IF THICKNESS IS NOT KNOWN:

GOOD: NO STRUCTURAL DISTRESSES

FAIR: SOME | DURING WET PERIODS

RUTS: Prevalent, substantial, and > 1-inch deep



POTHOLES: Prevalent, substantial, and > 3-feet wide

POOR: MANY | THROUGHOUT THE ENTIRE YEAR

For more information, see *IBR System™ Training Manual* at [ctt.mtu.edu/asset-management-resources](http://ctt.mtu.edu/asset-management-resources)



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1  
Look into what is causing structural problems; more gravel is not a remedy for bad cross-slope drainage

2

If you do not know the segment's history, ask someone who does; otherwise, rate during thaw, wet, and/or dry periods to determine when the road is impassable and when ruts and potholes are present.

Width	Drain	Struc	IBR #
Good	Good	Good	10*
Good	Good	Good	9
Good	Good	Fair	8
Good	Good	Poor	7
Good	Fair	Good	9
Good	Fair	Fair	8
Good	Fair	Poor	6
Good	Poor	Good	7
Good	Poor	Fair	6
Good	Poor	Poor	5
Fair	Good	Good	8
Fair	Good	Fair	7
Fair	Good	Poor	6
Fair	Fair	Good	7
Fair	Fair	Fair	6
Fair	Fair	Poor	5
Fair	Poor	Good	6
Fair	Poor	Fair	5
Fair	Poor	Poor	4
Poor	Good	Good	5
Poor	Good	Fair	4
Poor	Good	Poor	3
Poor	Fair	Good	4
Poor	Fair	Fair	3
Poor	Fair	Poor	2
Poor	Poor	Good	3
Poor	Poor	Fair	2
Poor	Poor	Poor	1

\*Segment is < 1 year old