

511 Entry Request Form

The 511 Entry Request Form is available on DOTnet at <http://dotnet/carsrequestform.aspx>.

If you have any questions about this form, contact the TMC at 515-237-3300

Several fields have a [\[?\]](#) which you can hover over to see examples of the information required.

General Notes on Restrictions

- Width and height restrictions as well as detours must be reported 10 days in advance. Standard Specification 1108.02M states:

The Contractor shall provide the Engineer with 10 calendar days notice before commencing or resuming work on a Primary or Interstate road or bridge open to traffic. This notification is needed to suspend the issuance of permits for oversized loads when width or vertical clearance restrictions occur during construction.

- Width limits 18 feet or less must be reported.
- All height limits must be reported. This includes temporary vertical restrictions such as temporary traffic lights.
- Report the vertical clearance and location for each overhead structure (bridge or temporary traffic signal) within the project limits.
- Report the horizontal clearance and location for each bridge within the project limits.
- Report the lane and shoulder widths separately. Shoulder surface material should also be included in the comments.
- All width restrictions should be at least one foot less than the actual measured width.

Prior to removal of the vertical or horizontal restriction from the 511 system, an accurate measurement of the clearance must be made and reported to the Office of Research and Analytics. The final clearance shall be reported on Form 220206, "Primary Highway Underpass Vertical & Horizontal Clearance Form". For projects which reside in Bridge 2000, clearances must also be reported on Section B of that form.

Vertical Clearance Log and Vertical Clearance Update

You may use the Clearance Logs to determine the vertical clearance information.

Vertical Clearance Log: <http://www.iowadot.gov/mvd/omcs/vertclearlog.pdf>

Vertical Clearance Update: <http://www.iowadot.gov/mvd/omcs/VerticalClearanceUpdate.pdf>

Width Restrictions:

Width limits 18 feet or less must be reported.

All width restrictions on the 511 Entry Request Form, must be actual measurement minus at least 1 foot and according to Standard Specification 2528.03, C, 2 to accommodate equipment and traffic control devices.

For two lane, two way operations, available lane widths need to take into consideration encroachment into the opposite lanes, especially on narrower bridges. These narrow bridge constraints need to be noted for each structure. A 28 foot wide bridge in a TLTWO project essentially only provides for a 13 foot width on each side of the center line of traffic control devices for a wide load to traverse. This 13 foot width should be reported as a 12 foot available opening. These narrow locations need to be included in the 511 width restrictions.

When there are two lanes available (in each direction) a width restriction is not ordinarily required but comments should be entered in the “additional project information” describing the available lane widths, available shoulder widths and shoulder surface material.

If width restrictions only occur during nighttime hours or only while the contractor is working, this should be noted in the “additional restriction information” section, since over-width loads are required to operate during daylight hours.

Motor carriers should call the RCE to coordinate wide loads driving through projects with intermittent lane closures or intermittent closures when possible. A comment should be added in the “additional project information” to alert Motor Carriers to call your office.

Motor Carrier Services has advised some permits issued for oversized vehicles are valid for 5 days. Therefore, any events that are entered into the 511 system which include width or height restrictions and/or detours must be requested at least 10 calendar days in advance of the start date.

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Height Restrictions

Documenting vertical restriction changes resulting from construction provides freight haulers, Motor Carrier Services, the Office of Research and Analytics and the Office of Bridges and Structures with accurate information on available clearance under bridges. It is essential that 511 be updated with vertical restrictions **before** the clearance changes, and be maintained until the final vertical clearance is reported to the Office of Research and Analytics and the Office of Bridges and Structures.

When a new overhead bridge is constructed or when the vertical clearance changes for an existing bridge, the vertical restriction, in English units (feet/inches), should be placed on 511 as follows.

In the case of a new bridge over existing traffic, the vertical restriction should be placed on 511 at the start of the project. The minimum vertical clearance as shown on the plans may be used until such time the vertical clearance is measured.

In the case of a project in which the vertical clearance changes, ie. HMA resurfacing, enter the new clearance in 511 at the start of the resurfacing project.

In the case of a new road with a new overhead bridge, enter the new clearance in 511 at the start of the project.

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Attaching Restriction Information to the 511 Request Form

A restriction tabulation should be available on projects in the near future. Check the Proposal for the letting date and bid order number. Once this is in place, you can attach this information to the form instead of entering the restriction information manually.

The Plans can be found here: w:\highway\contracts\letting

Within this folder is a list of lettings, open the appropriate folder and find the bid order number (located after the date), then you will find a plan folder containing a pdf.

Example file path: W:\Highway\Contracts\Letting\130716\16JUL152\Plan\13-0043-032

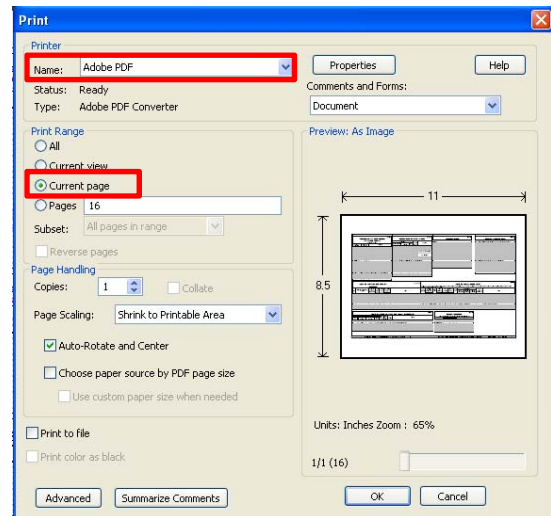
Letting Date

Bid Order number

The tabulation can be found in the C sheets. Once you have navigated to the plan sheet that contains the restrictions tabulation, you can save the page by clicking on File/Print. Under Printer Name select Adobe PDF. In the Print Range, select Current Page. Save the file to the location of your choice.

Navigate to this location after you click on the browse button in the restrictions section of the 511 Request Form.

NOTE: If you can't find the tabulation in the plan, you should check the Final Addenda folder:
W:\Highway\Contracts\FinalAddenda. These files are also sorted by letting date and bid order number.



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