

**** Contractor Announcement ****
New Construction Prequalification Work Classifications

MDOT is introducing the following new work classifications:

N9-1H - Heat Straightening for Localized Damaged Structural Steel (H-S Type 1)

N9-1I - Heat Straightening for Complex and High Load Hits (H-S Type 2)

RTC - Recreational Trail Construction

The requirements to attain these work classifications are outlined in the [Construction Prequalification Work Classifications](#) and are attached to this announcement. They include requiring staff with understanding and experience performing these types of work and having proper equipment and training.

Any prequalified contractors who would like one or more of the new work classifications added to their current prequalification should submit the required documentation and information using page 5 of [Form 1313](#) and a completed [Reference Form \(5107\)](#).

Requests for adding work classifications should be submitted following the “Classification Modification” section found under the Construction Prequalification section of the [MDOT eProposal site](#).

Contractors not currently prequalified with MDOT will need to complete a [prequalification application](#) in its entirety, including any additional documentation required for these new classifications. Information on how to become prequalified is available on our [website](#).

All requests for the Heat Straightening classifications will be reviewed by MDOT’s Bureau of Bridges and Structures and all requests for the Recreational Trail Construction will be reviewed by MDOT’s Design Division.

[Form 1313](#) has been updated to reflect the newly added classifications. If you have any questions regarding these new work classifications, you may contact [Theresa Myrick](#) or [Heather Stinson](#).

Lansing, MI
August 20, 2024

REQUIREMENTS FOR NEW CONSTRUCTION PREQUALIFICATION WORK CLASSIFICATIONS

N9-1H **HEAT STRAIGHTENING FOR LOCALIZED DAMAGED STRUCTURAL STEEL (H-S TYPE 1)** **(Sections 707, 713 Standard Specifications)**

This work shall consist of performing heat straightening (H-S Type 1) on localized damaged structural steel components using the application of appropriate and approved methods. The contractor must be capable of performing H-S Type 1 to repair local damaged structural steel using controlled heat applied in patterns to plastically deformed regions of local damaged steel, straighten the material gradually through repetitive heating and cooling cycles to achieve movement of the locally damaged area.

Required Equipment: Heat torches, calibrated hydraulic rams with pressure monitor system, restraining devices/mechanisms, temperature measuring devices.

N9-1I **HEAT STRAIGHTENING FOR COMPLEX AND HIGH LOAD HITS (H-S TYPE 2)** **(Sections 707, 713 Standard Specifications)**

This work shall consist of performing heat straightening (H-S Type 2) on complex and high load hits of damaged structural steel components using the application of appropriate and approved methods. The contractor must be capable of performing H-S Type 2 to repair complex and high load hits of damaged structural steel using controlled heat applied in patterns to plastically deformed regions of local damaged steel, straighten the material gradually through repetitive heating and cooling cycles to achieve movement of the locally damaged area.

Required Equipment: Heat torches, calibrated hydraulic rams with pressure monitor system, restraining devices/mechanisms, temperature measuring devices.

RTC **RECREATIONAL TRAIL CONSTRUCTION**

This work shall consist of developing a trail surface described by the DNR along an existing pathway that has been used by trail users in the past or developing a new alignment per DNR guidance. Trails will typically be through a wooded section of land and will require removal of trees or other vegetation for a path of a specified width and length. This work shall also consist of providing drainage structures as needed and construction using the latest soil erosion Best Management Practices along with awareness of DNR environmental specifications.

Required Equipment: Excavators - 28" to 48" wide, 39" to 49" wide, 59" wide, 77" wide
Track Carriers - 31" wide, 35" wide, 52" wide
On-road, Off-road Dump Trucks
Various small machines such as plate compactor, roller compactor, mini-skid steer (66" wide) and various welding machines.

**NOTE: This document is for informational purposes only to aid in the preparation of the
Prequalification Application (Form 1313).**