

# ODOT Salvaged Steel Program Guidelines

Due to interest expressed by the County Engineers Association (CEAO), the Department has implemented a program in which steel beams from bridges being replaced by ODOT, which are currently being retained by the Contractor and either reused or scraped, can be salvaged and reused by the Department on bridges planned for replacement on the local system.

## Intent

Under this new program, usable steel beams removed from a structure being replaced, will be made available by the Department, to the County Engineers, at no charge for 100% locally funded bridge projects located on the local roadway system. ODOT will absorb all costs associated with salvaging the beams during removal and transporting to a designated location by the prime contractor.

## Process for Utilization

Each year, at the end of May, the Office of Structural Engineering will send out an e-mail to the District P&E Administrators requesting detailed information for projects in the ODOT program that have rolled steel beams that will be replaced. The request will include the list of bridges (including award date) previously submitted to the program. The District need only submit updates to previously submitted bridges (for example an updated award date). Please include all bridges with rolled steel beams to be replaced that are in Ellis.

The districts will then submit a list of those bridges to Reza Zandi, Office of Structural Engineering by July 1 of every year. Information to be supplied:

1. Bridge identification (C:R:S and structural file number)
2. Rolled beam sizes (ie: W33 x 152). List all the sizes that are on the bridge.
3. Length of each stick of beam. The lengths of each stick would be center-to-center of field splices (or beam ends). The plan note to our contractor will indicate a removal process that cuts the beam at the field splices. An example would be: RIC-42-1324 (SFN 9999999) W33 x 152 –5 lengths of 64ft each, and W33 x 118 –5 lengths of 50ft each, and W33 x 118 –5 lengths of 42ft. each.
4. The framing plan, if available. (This will cut down the number of questions from the County Engineers)
5. General photos of the steel, if available. (This may reduce the number of questions about the condition of the beams).
6. Award date (This will let the County Engineer know approximately when the beams will be available).

The Office of Structural Engineering will submit this list with all pertinent information to the CEAO for publication on their website.

County Engineer(s) will submit a request for beams from the web listing, to the CEAO prior to Stage 3 submission date for the project. This request will include both a delivery location for the beams, as well as a contact person and information for coordination purposes. That request will then be forwarded on to the

ODOT District P & E Administrator, with a cc: to the Central Offices of Local Programs and Structural Engineering by the CEAO.

District P&E Administrator / PM will verify that the project is still moving forward and on schedule, and acknowledge acceptance of the request to the CEAO, Office of Local Programs and Office of Structural Engineering via e-mail. Additionally, the District Project Manager will ensure the Plan Note is incorporated into the ODOT plan set. The Plan Note directs the contractor to cut the steel beams only at the field splice and to transport the steel beams to the previously identified County Engineer's facility. The Plan Note can be found on the Office of Local Programs web site.

As a condition of receiving these materials, the recipient will be required to enter into an agreement with the Department by which the recipient will assume all future legal and financial responsibility for the steel, holding the Department harmless for any structural issues, lead paint, hazardous materials, and any other potential future liabilities associated with the steel. The recipient must also commit to using a substantial portion of the beams provided for construction of a future bridge with a minimum length of 20 ft. or greater, within 5 years of taking delivery. The ODOT Office of Local Programs will prepare this MOU between ODOT and the recipient, and ensure that it is signed by all parties prior to the plan file date. A copy of this MOU will be sent to the District Project Manager to include in the project files. The District Construction office will be responsible for verifying the coordination between the contractor and the County Engineer for delivery of the steel beams.

Structural steel beams will be removed by the prime contractor from the ODOT bridge and then transported to and stored in the yard of the recipient. The recipient will be responsible for making arrangements to unload the truck **at the time of delivery**.