free to respond to any of the questions that you have read here. Please send them to:

ot been reviewed. It is recog-
nized that the design of structures is within the scope and
expertise of a competent licensed structural en

Modern Steel Construction

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Steps are taken in part

the min-
and J2.4 of

where elevated temperature applications
are involved, Type 1 bolts shall be specified

introduced into the column one should
imum weld size given in Tables J2

actual application for the bolts, it was dete

the weld must be delivered to

There are bolts manufactured for use in elevated

In Chapter 11 of Salmo

unbraced length is

column is

# STEEL INTERCHANGE

paper by N. Stephen Tanner "Allowable Bending Stresses for Overhanging Monorails." By considering the ratio of the

must be done of the resistance of welding between the sheet and reinforcement ("Collapse" stresses).

vative answer may be recomputed.

*Miguel A. Dodes P*

## NEW QUESTIONS

When consid

Jaramillo, T.J., "Deflections and Moments Due to a Concentrated Load on a Cantilever Plate of Infinite Length." Journal of Applied Mechanics, March 1950. American Society of Mechanical Engineers, New York, NY

***R.H.R. Tide***

**Wiss, Janney, Elstner Ass**

measurements by drilling holes, to deter

**the percent loss of capacity in steel**

**members due to weather exposure f**

**purpose of rating the truck cap**

**bridges.**

***Mike Alomari***

**the top of either the girders**

**? What happens to the strength**

**concrete cracks over**

**studs? Does this crack go all the**

**embers, spaced re**

**section (or width) of the wall shall be used**

**to the section of a stiffener?**

**The stiffening member may be a flat bar, an**

**or the bean**

**the shea**

**area of the**