



QUESTIONS AND RESPONSES

FOR:

**TOTEM LAKE CONNECTOR BRIDGE
JOB # 01-20-PW/NMC0861000**

CITY OF KIRKLAND, WASHINGTON

QUESTIONS RECEIVED THRU March 6, 2020

(contains 4 pages total – excluding this cover)

Walsh RFI #6	P.1
Thompson Metal Fab RFI #6	P.2
Supreme Steel RFI #2	P.3



March 5, 2020

Fax: (425) 587-3844

Attention: Aaron McDonald

Subject: Totem Lake Connector Bridge Job No. 01-20-PW

Dear Aaron

Reference is made to Special Provision Section 2-03.2 *Hazardous Materials Existing Conditions*. Please confirm that the City of Kirkland will be listed as generator and sign transportation and disposal manifests for any hazardous materials generated as a result of the contract work.

Sincerely;

Tim Hule

Sr. Project Manager

The Walsh Group

RESPONSE:

The City will make no additional determinations regarding disposal documentation requirements at this time.

From: Jason Chun <JChun@tmfab.com>
Sent: Monday, March 02, 2020 4:15 PM
To: Aaron McDonald
Subject: RFI - A709-HPS 50W PL

Aaron,

Can you please confirm the following

1) Can all plate for the project be A709-HPS 50W? Mills are wanting a 20-25ton min. to roll A709-HPS 50W and sources are wanting to quote all plate to that grade to meet the mills min.

Respectfully,

Jason Chun

Sales and Estimating

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jchun@tmfab.com | www.tmfab.com

RESPONSE:

ASTM A709-HPS 50W is acceptable.

Calculations by designer indicate approximately 30 tons needed for HPS 50W and approximately 7 tons of regular Grade 50.

We encourage any suppliers/sources to confirm the amounts and the savings available by using all HPS 50W in light of the information above about estimated weight needed for project.



SUPREME STEEL LP

Request for Information

To	Aaron McDonald	From	Supreme steel
Company	City of Kirkland	Date	March 6, 2020
Phone	425-587-3844	RFI#	200030-02
Email	AMcDonald@kirklandwa.gov	# Pages (incl cover)	- 2
Project	Totem Lake Bridge Connector	Reference Drawings	- Specifications
Area	Specifications	Priority Level	Critical

- **Please provide the following clarifications:**

1) Backing bars

AWS D1.1 cyclically loaded structures does not allow backing to be left in place, however backing is shown and not identified to be removed on TLC-S-137 detail 1. Furthermore, addendum 1, page 13 states all backing for tubular member girth or butt welds shall be continuous. Please confirm it is acceptable to leave backing in place.

The backing may remain in place.

2) NDT testing

From addendum 1, it is clear that all WPS need qualified and welders shall also be qualified to AWS D1.1. However, with the combination of AWS D1.1 and portions of AWS D1.5 (as stated in addendum 1), testing is not defined (other than TLC-S-101 4.10 for UT of field welds). Please confirm that testing is to AWS D1.1 visual only for shops.

Visual inspection only is not acceptable. See General Note 4.10 on Sheet TLC-S-101. Full Ultrasonic Testing of field welds is required. Testing of shop welds shall be in conformance with AWS D1.5, part 6.7 in particular.

3) CVN testing

Do we need to provide CVN after hot or cold bending? If so, please identify location of sample and other specifics related.

Per section 6-03.2 of the Special Provisions, CVN testing will be required after hot or cold bending unless the Contractor can demonstrate why the steel has the CVN required after bending - based on the CVN provided before bending combined documentation of the

effect on CVN for the bending process used. The fabrication method and procedures are to be submitted to the Engineer for review. Anecdotally, performing one test on each pipe size (20"x1/2", 24"x1/2", 24"x3/4") after bending for the tightest radius applicable to each would be sufficient if those lots fall within the frequency of testing requirements as outlined in part 5 of ASTM A673. The material most likely under review would be the outside edge of the pipe within the bend radius.

Issued by: Supreme Steel LP	Reply required by: March 10, 2020
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Response:

Reply by: Matt Baughman Company: COWI	Reply date: 3/9/2020
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Priority Levels:

- **Critical** – work cannot proceed, immediate attention required; response within 1 day;
- **Important** – work sequence interrupted, direct schedule impact, response within 2-3 days;
- **Normal** – no schedule impact, response within 5 days;