



September 27, 2013

**The Honorable City Council**

Attn: Office of the City Clerk  
200 Colman A. Young Municipal Center  
2 Woodward Avenue  
Detroit, Michigan 48226

**Re: Request for Encroachment on Stocker Street east of Fort Street**

The Honorable City Council:

On behalf of Marathon Petroleum Company LP, we are petitioning the City of Detroit, City Council to allow for an encroachment within the Stocker Street Right-of-Way 480 feet east of Fort Street.

The proposed encroachment is for the installation of a pipe bridge to span across the Stocker Street Right-of-Way. This pipe bridge shown in Exhibit 1 will be constructed to have the foundations located outside the Stocker Street Right-of-Way within private property. There will be no portion of bridge foundations or supports physically constructed into the Stocker Street Right-of-Way. The pipe bridge will be elevated across Stocker to provide a minimum clearance of 20 feet between the roadway and the bottom of the pipe bridge. The pipe bridge will contain three pipes moving product between Marathon's Refinery and their Asphalt Plant north of Stocker. The pipe bridge will be constructed with a pan attached to the bottom to prevent any ice from falling to the street below.

Marathon currently has existing pipes crossing Stocker Street buried underground in this location. The existing pipes are scheduled for replacement due to existing underground conditions. This new pipe bridge will allow the existing pipes to be replaced onto an elevated bridge eliminating the future potential for any maintenance excavations within the existing Stocker Street.

This section of Stocker Street is located in a heavy industrial section within the City of Detroit; there are no residential properties adjacent to this section of Stocker Street as seen in the attached photo.

Respectfully Submitted,

A handwritten signature in blue ink that reads "David A. Rzyzi".

David A. Rzyzi, PE  
The Mannik & Smith Group, Inc.

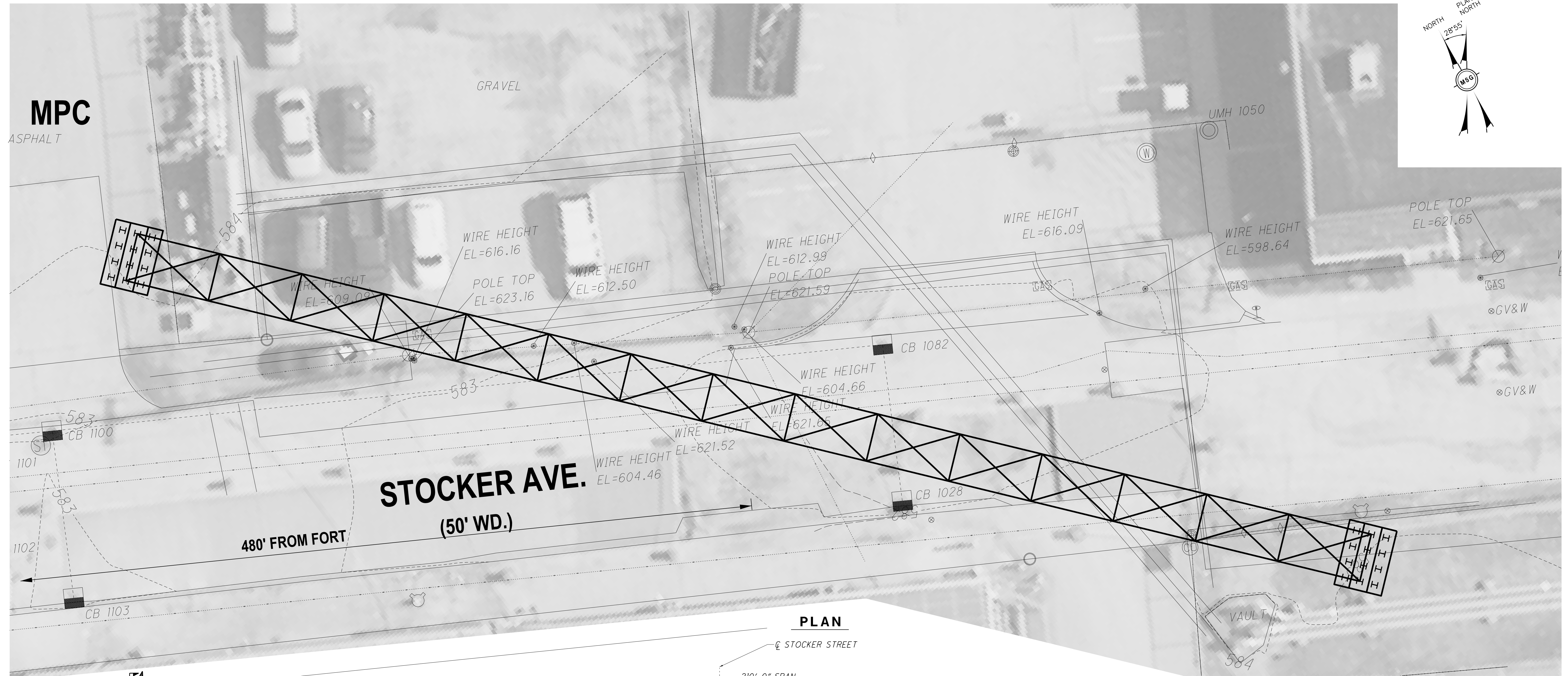
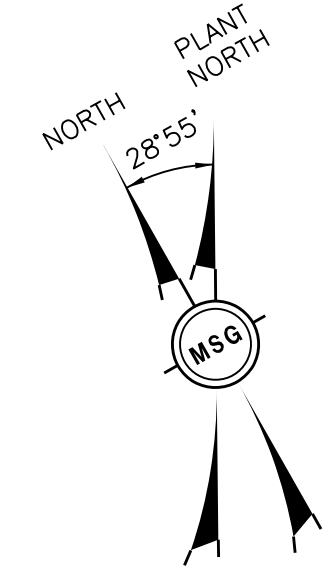
c: J. Knoll

Attachments:

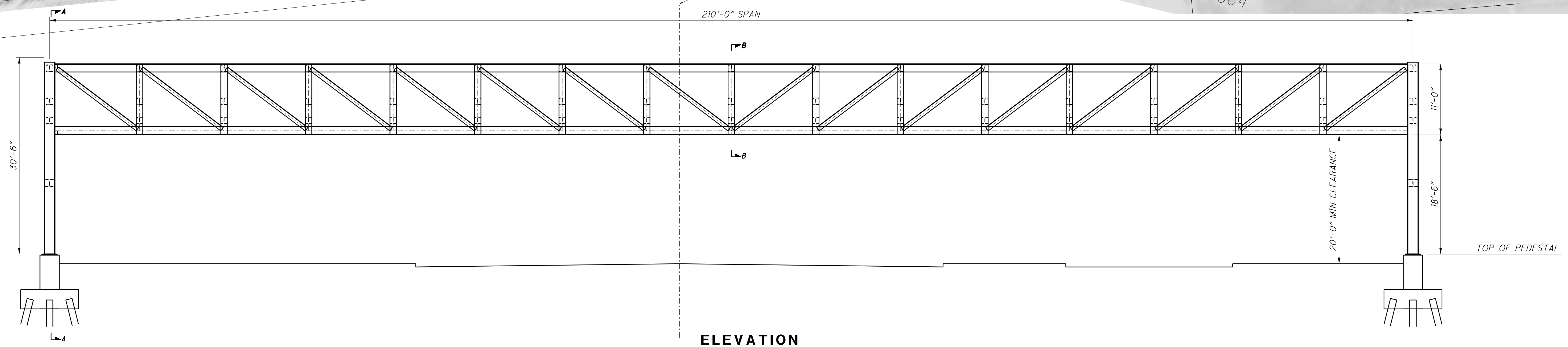
- Exhibit 1, Limits of Pipe Bridge Details
- Photo of Stocker Street



**TECHNICAL SKILL.  
CREATIVE SPIRIT.**



PLAN



ELEVATION

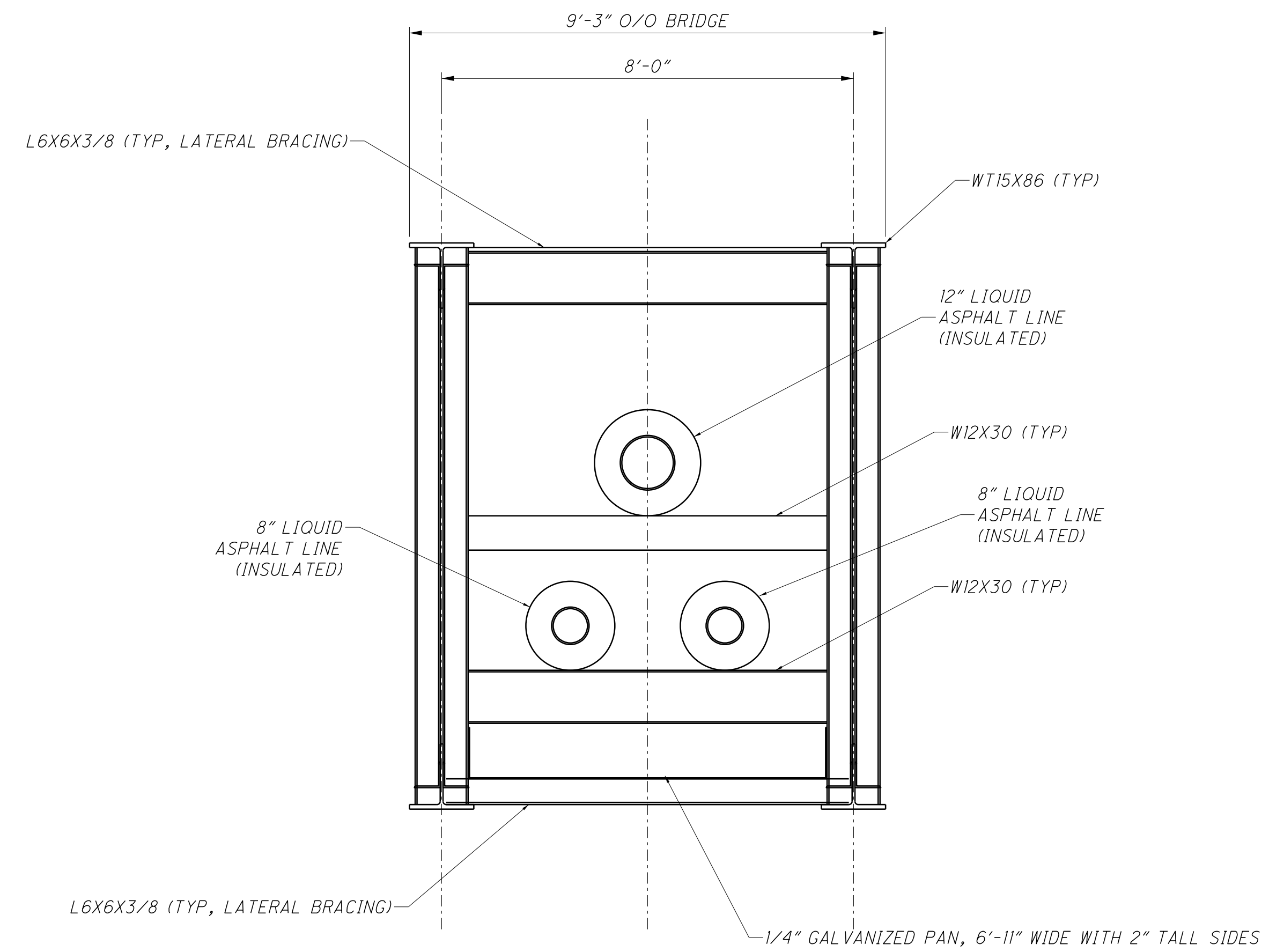
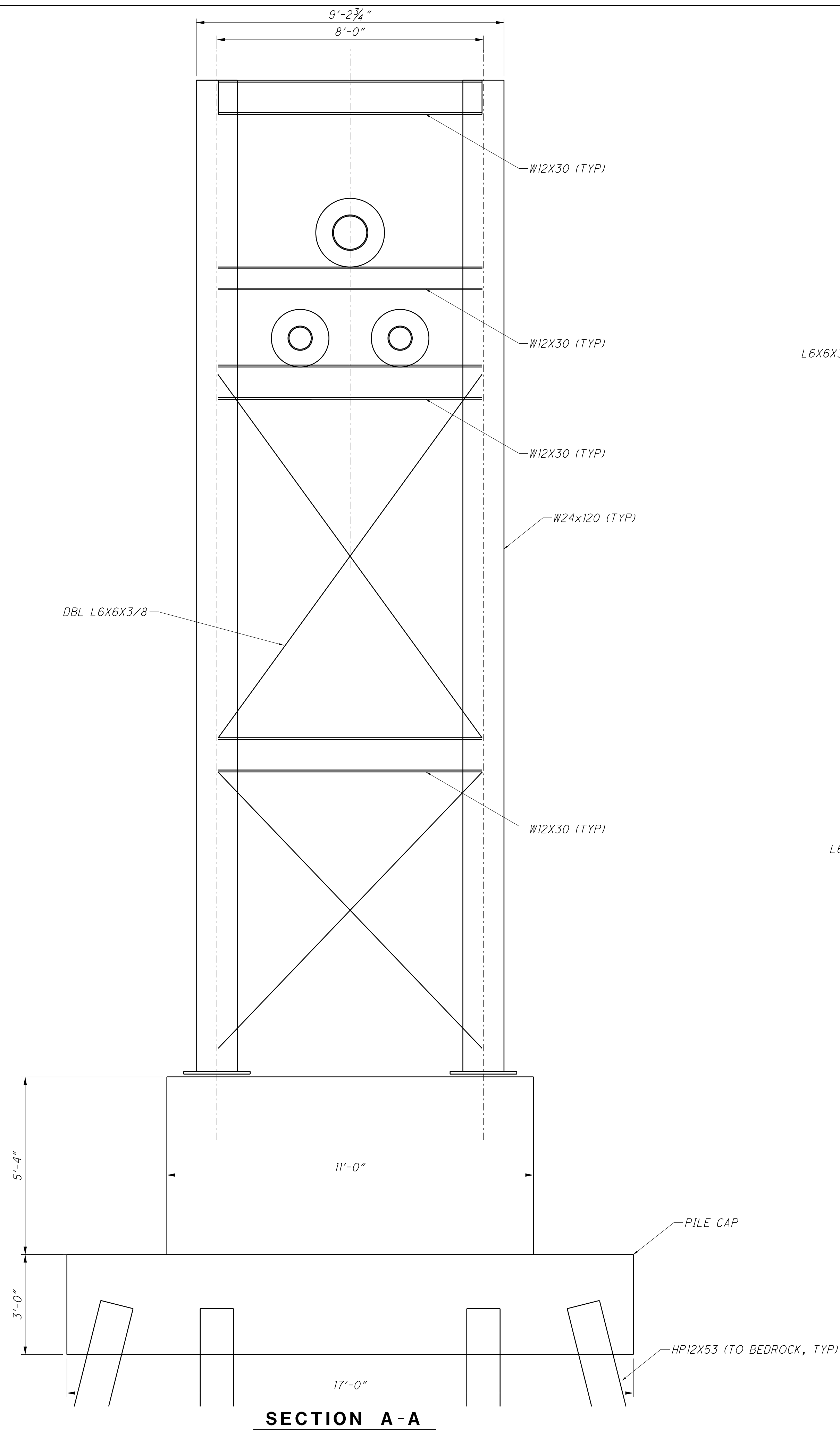
W:\Projects\Projects K-O\M2070176\ADMINISTRATION\Submittals\Encroachment\_Permit\M2070176\_S-282844.dwg

NO.	DATE	BY	REVISIONS	CK.	APP.	NO.	DATE	BY	REVISIONS	CK.	APP.	NO.	DATE	BY	REVISIONS	CK.	APP.	REFERENCE DWG.	DESCRIPTION
9						5						1							
10						6						2							
11						7						3							
12						8						4							



MICHIGAN REFINING DIVISION  
 STRUCTURAL - OUTSIDE FENCE  
 STOCKER STREET PIPE BRIDGE  
 GENERAL PLAN OF STRUCTURE

DRAWN: MTM	DATE: 8/14/13
CHECKED BY: XXX	APPROVED BY: XXX
SCALE: 1"= XX'-X"	UNIT: X.X.
AFE NO.:	CHARGE NO.:
DRAWING # DXX-XXXX	SHT. 1
	REV. 0



**SECTION B-B**

**SECTION A-A**

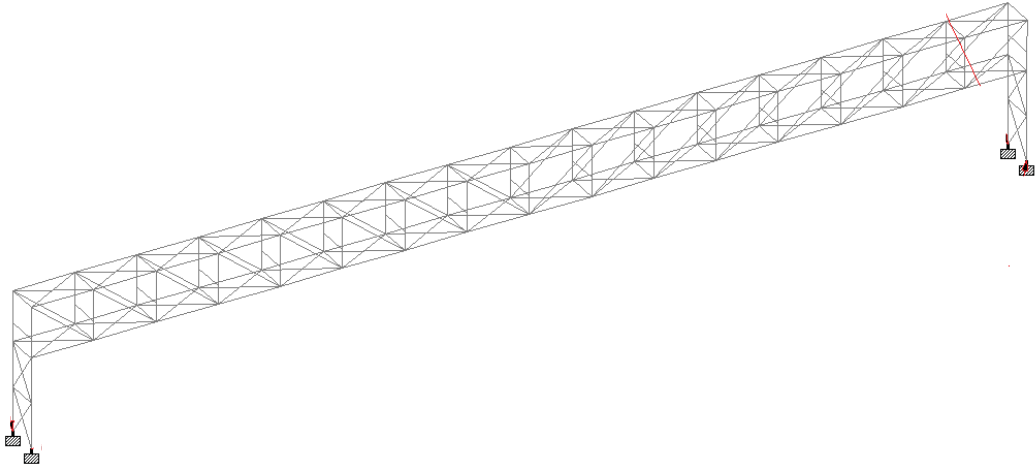
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NO.	DATE	BY	REVISIONS	CK.	APP.	NO.	DATE	BY	REVISIONS	CK.	APP.	NO.	DATE	BY	REVISIONS	CK.	APP.	REFERENCE DWG.	DESCRIPTION
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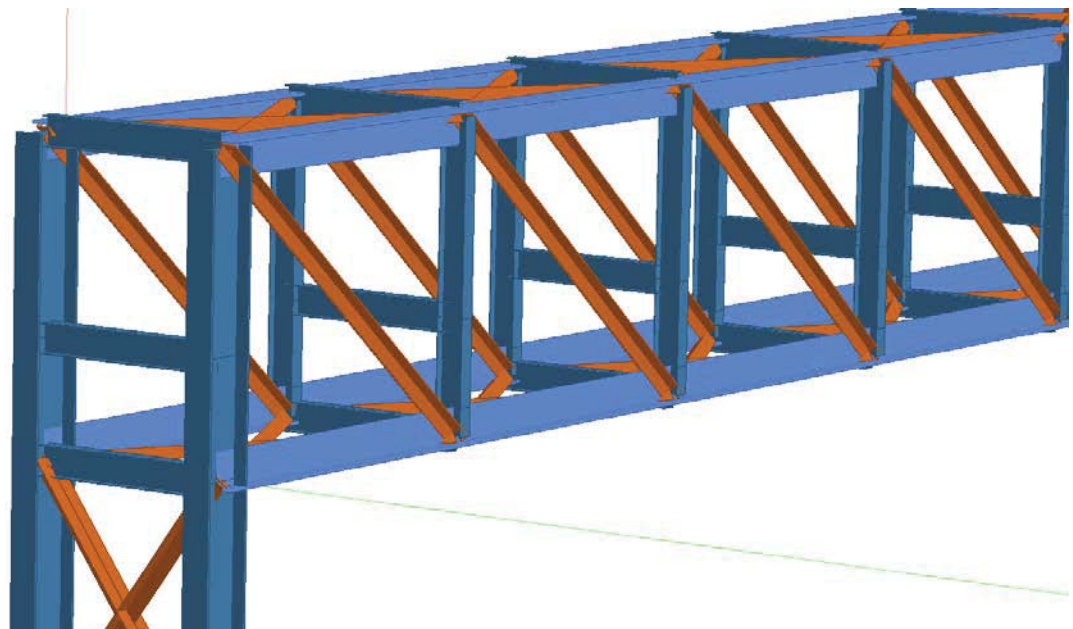


MICHIGAN REFINING DIVISION  
 STRUCTURAL - OUTSIDE FENCE  
 STOCKER STREET PIPE BRIDGE  
 TYPICAL SECTIONS

DRAWN: MTM	DATE: 8/14/13
CHECKED BY: XXX	APPROVED BY: XXX
SCALE: 1"= XX'-X"	UNIT: X.X.
DATE NO.:	CHARGE NO.:
DRAWING # DXX-XXXX	SHT. 2 REV. 0



STAADPro MAXIMUM REACTION LOADS



STAADPro 3-D RENDERING OF END OF TRUSS

