



ENGINEERS

CONSTRUCTION INSPECTION REPORT

Project: Birch St. Rehabilitation				Report No: 33		
File No : 092027.03				Date: December 16, 2011		
Consultant: PND Engineers				Day of the Week: Friday		
Weather:						
	Bright Sun	Clear	Overcast X	Rain X	Snow X	Other
Temperature:						
	Below 0	0-32	32-50 X	50-70	70-85	Over 85
Wind:						
	Still X	Mod	High	Comments: rain/snow mix at times		
Humidity:						
	Dry	Mod	Humid X	Comments:		
Contractor Information						
Name of Contractor		Non-Manual		Manual		Remarks
McGraw's Custom Construction		1		4		Zach Williams-Superintendent
VISITORS						
Name		Title		Phone No.		Remarks

CONSTRUCTION ACTIVITIES

General:

- Work began at 7AM and stopped at approximately 4:30PM. Lunch was taken from 12:30PM to 1:15PM.

Questions/Action Items/Responses:

- Bullrail from beginning of Birch Street to pile cap no. 56 on east side and to pile cap no. 59 on west side must be re-installed with two additional shear plates; one in the bottom side of bullrail and one in the top side of decking. Progress was made on west side bullrail: from approx. pile cap no. 59 to no. 34. - **Open**

Field Activities:

1. Install
 - a. Decking previously placed on stringers was made flush with the external stringers and nailed down to interior stringers. Holes drilled for the nails in the decking were treated with CreCoat.
 - b. Bullrail previously installed was removed with a CAT 303.5 excavator and IR reach forklift. After IR reach forklift was removed from project site, excavator and a CAT 236B forklift were used to remove bullrail and scupper blocks. Prior to removal, plate washers and nuts from underside of stringer and handrail post bolts were removed. Shear plates were installed into underside of bullrail and top side of decking. Where needed, dapping tool was used to drill recesses in bullrail and decking. Drilled recesses were treated with Bitumastic or BlackJack. Shank nails encountered during drilling were countersunk further into decking.

Field Activities (continued):

Name: Ryan Barnes

Title: Construction Inspector

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Excavator and IR reach forklift removed bullrail and scupper blocks. Note: Cloth straps were used so as to not damage the bullrail.



Excavator and IR reach forklift removed bullrail and scupper blocks. Note: cloth straps were used so as to not damage the bullrail.



Workers removed bolts on bullrail.



Workers removed scupper blocks that were toe nailed into bullrail.

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Damage on removed scupper block from mallet impact. Note: Scupper block was removed by mallet rather than pulling the toe nails. Notified Contractor of damage.



Drilling recesses into bullrail.



Drilling recesses into bullrail.



Recesses were treated with Bitumastic.

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Shear plates were installed in bullrail.



Shear plates were installed in bullrail and decking.



Section of bullrail reinstalled.



At end of Birch Street, decking was predrilled and treated and shank nails were installed.