



## **Progress Report** **Week 4**

Submission Date: 12 February 2019

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## **1. Completed Work (2/4/19 – 2/10/19)**

- Brandon Adams – Formatted Cost Estimate Excel Spreadsheet for entries
- Natasha Napier – Completed preliminary sizing calculations
- Michael Ashworth – Continuing AASHTO Research
- Brandon Dial – Completed concrete girder research

## **2. Assigned Work (2/11/19 – 2/17/19)**

- John – Begin formatting the Alternatives report
- Michael – Continue AASHTO research and begin looking up cost data for estimate using RS Means reference books
- Brandon Dial – Gather manufacturing data on the following concrete alternatives:
  - I-Girders
  - Segmental Box Beams (Span-by-span)
- Zach Cumm – Gather manufacturing data on the following steel alternatives:
  - Plate girders (see spreadsheet for dimensions)
  - Rolled beams with cover plates
- Brandon Adams – Begin gathering costs for alternatives (including construction costs)
- Natasha Napier – Begin gathering cost data on each alternative and construction method, continue alternatives research

### 3. Summary of Hours Worked

Hours Worked (2/4/19 – 2/10/19)		
Employee Name	Hours (Weekly)	Hours (To Date)
Brandon Adams	5	7
Michael Ashworth	3	10
Zach Cumm	1.5	3.50
Brandon Dial	1	4.50
Natasha Napier	2.5	5.50
John Skaggs	1	3
<b>Company Total</b>	<b>14.00</b>	<b>33.50</b>

#### 4. Employee Timesheets

- **Brandon Adams**

Week #	Dates	Days	Hours Worked	Description	Weekly Hours Total
4	Feb 4 - 10	4-Feb	3	Research & Initial Cost excel template	5.00
		5-Feb	2	Cost excel sheet and Virtual meeting	
		6-Feb			
		7-Feb			
		8-Feb			
		9-Feb			
		10-Feb			

- **Michael Ashworth**

Week #	Dates	Days	Hours Worked	Description	Weekly Hours Total
4	Feb 4 - 10	4-Feb			3.00
		5-Feb	3	AASHTO Research & Virtual Meeting	
		6-Feb			
		7-Feb			
		8-Feb			
		9-Feb			
		10-Feb			

- **Zach Cumm**

Week #	Dates	Days	Hours Worked	Description	Weekly Hours Total
4	Feb 4 - 10	4-Feb	0.5	Supplier Research	1.50
		5-Feb	1	Group Meeting	
		6-Feb			
		7-Feb			
		8-Feb			
		9-Feb			
		10-Feb			

- **Brandon Dial**

Week #	Dates	Days	Hours Worked	Description	Weekly Hours Total
4	Feb 4 - 10	4-Feb			1.00
		5-Feb	1	Video Conference	
		6-Feb			
		7-Feb			
		8-Feb			
		9-Feb			
		10-Feb			

- **Natasha Napier**

Week #	Dates	Days	Hours Worked	Description	Weekly Hours Total
4	Feb 4 - 10	4-Feb	0.5	Research & Meeting Prep	2.50
		5-Feb	1	Virtual Meeting	
		6-Feb	1	Preliminary Sizing Calculations	
		7-Feb			
		8-Feb			
		9-Feb			
		10-Feb			

- **John Skaggs**

Week #	Dates	Days	Hours Worked	Description	Weekly Hours Total
4	Feb 4 - 10	4-Feb			1.00
		5-Feb	1	Virtual Meeting	
		6-Feb			
		7-Feb			
		8-Feb			
		9-Feb			
		10-Feb			

## **5. Meeting Minutes/Agendas**

- **5 Feb – Virtual Meeting Minutes**

- All members were in attendance and participated
- Tasks that need to be accomplished: (Due 6 Feb)
  - John Skaggs – WV DOH Research on Wearing Surface & other deck details
  - Michael Ashworth – AASHTO Research on Wearing Surface, Deck details, and effects of 12° skew on design
  - Brandon Dial – Research concrete superstructure designs (AASHTO & WVDOT), specifically girder limitations due to span length and cost
  - Zach Cumm - Research steel superstructure designs (AASHTO & WVDOT), specifically girder limitations due to span length and cost
  - Brandon Adams – Format the cost excel sheet to prepare for alternatives cost estimate
  - Natasha Napier – Preliminary sizing spreadsheet and alternatives research
- Scheduled Week 5 Meeting – Skype Video Conference
  - Tuesday, Feb 12<sup>th</sup> at 6:30 pm

## **6. Sent Correspondence – N/A**

## **7. Received Correspondence – N/A**