

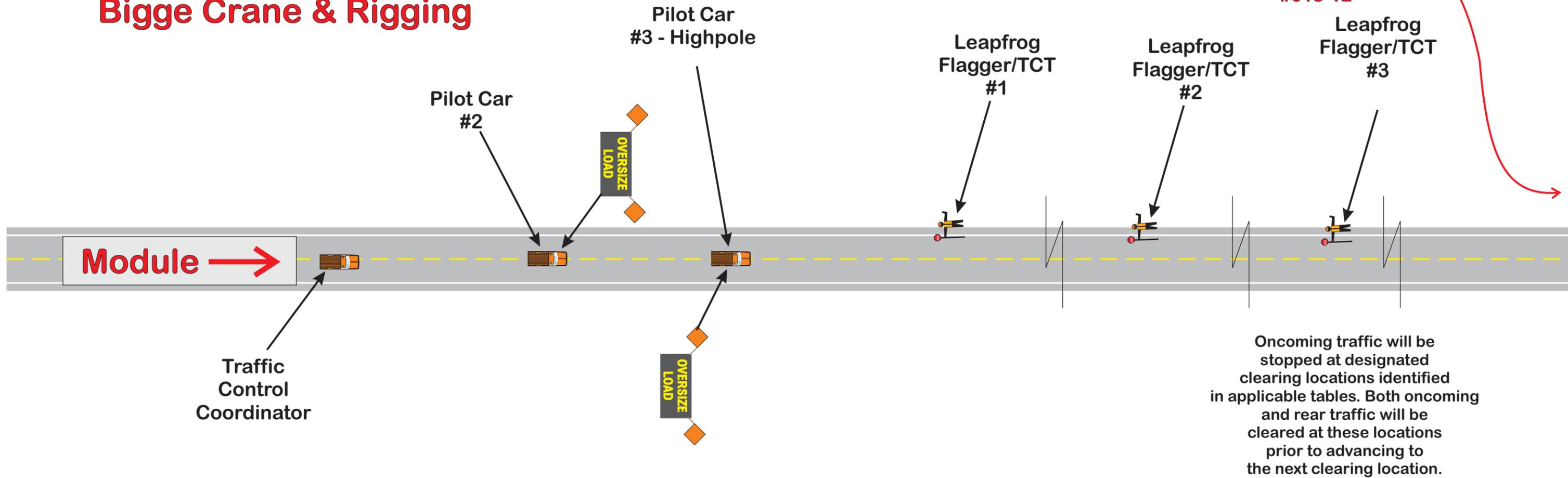
# Proposed Two Lane Traffic Control

## Calumet Refining Vessel

### Bigge Crane & Rigging

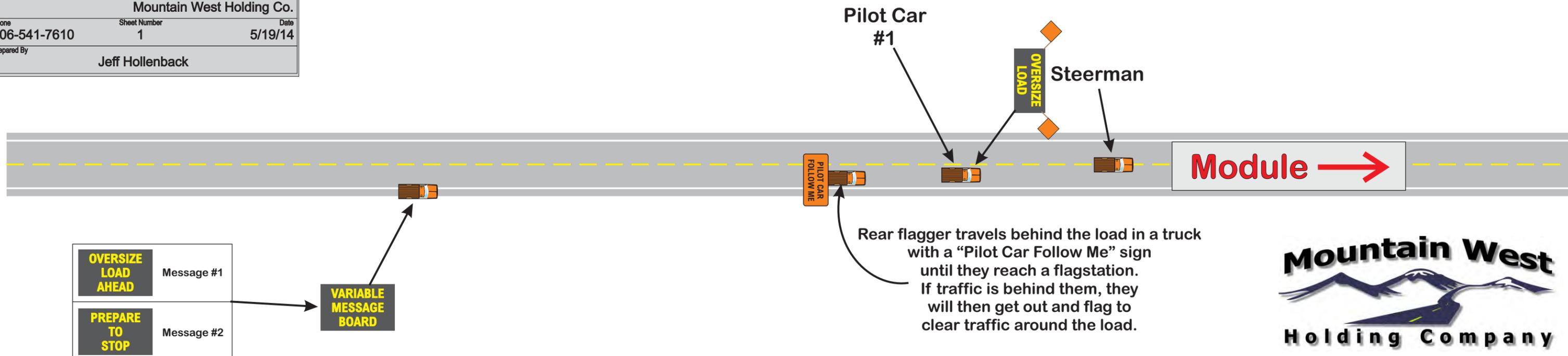
#### Traffic Control Layout in front of load:

Advanced signing according to MDT Detailed Drawing #618-12



Owner <b>Bigge Crane &amp; Rigging</b>		
Project Name Calumet MT Refin. Vessel	Project Number	
Prime Contractor Mountain West Holding Co.	Traffic Control Contractor	
Phone 406-541-7610	Sheet Number 1	Date 5/19/14
Prepared By Jeff Hollenback		

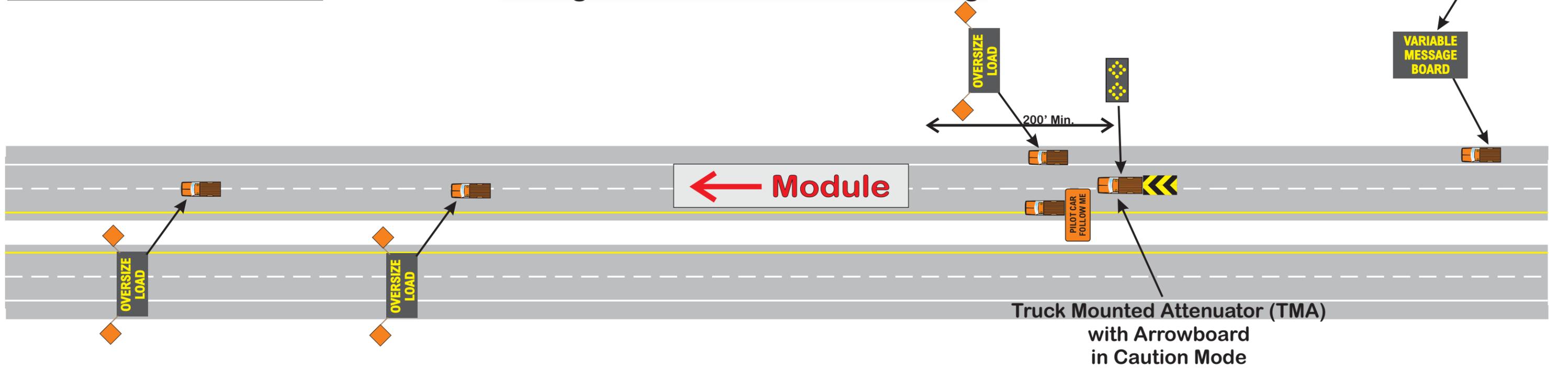
#### Traffic Control Layout behind load:



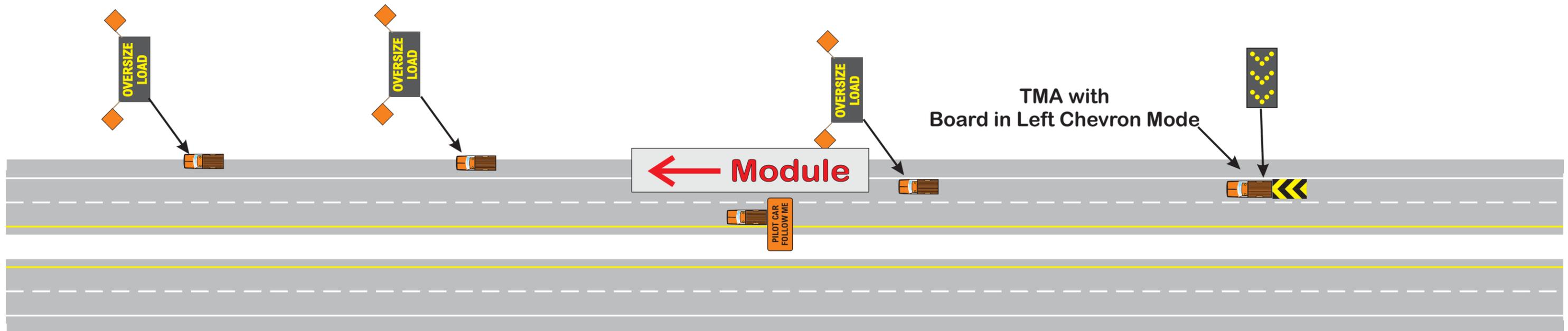
<b>Owner</b>		
<b>Bigge Crane &amp; Rigging</b>		
<b>Project Name</b>	<b>Project Number</b>	
Calumet MT Refin. Vessel		
<b>Prime Contractor</b>	<b>Traffic Control Contractor</b>	
Mountain West Holding Co.		
<b>Phone</b>	<b>Sheet Number</b>	<b>Date</b>
406-541-7610	2	5/19/14
<b>Prepared By</b>		
Jeff Hollenback		

# Proposed 4-Lane Traffic Control Calumet Refining Vessel - Bigge Crane & Rigging

## Configuration while load is traveling:



## Configuration for Clearing rear traffic:



# Calumet Refining Vessel Bigge Crane & Rigging Proposed Route Map

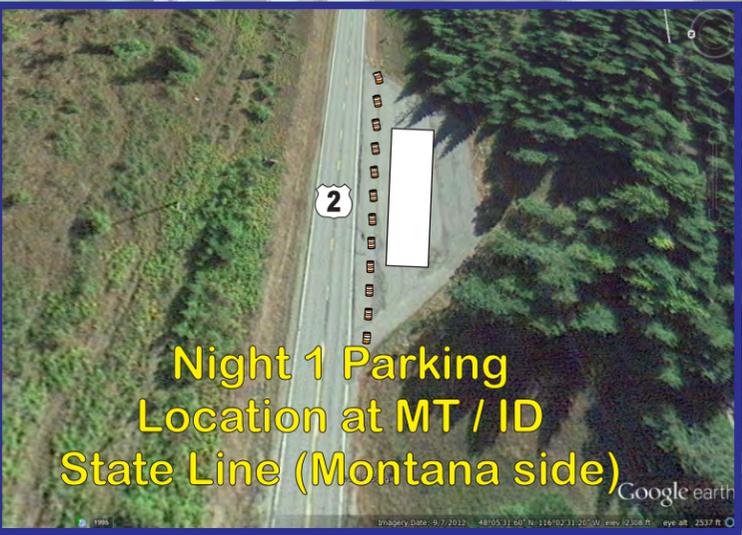


<b>Mountain West Holding Company</b>		
Owner	<b>Bigge Crane &amp; Rigging</b>	
Project Name	Calumet MT Refin. Vessel	Project Number
Prime Contractor	Traffic Control Contractor <b>Mountain West Holding Co.</b>	
Phone	Sheet Number	Date
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Prepared By	Jeff Hollenback	

# Calumet Refining Vessel Bigge Crane & Rigging



Highway 200		
Milepost	Description / Location:	
0.3	Turnout	Right side
1.8	State Maint Yard	Left side
3.4	Turnout	Right side
5.0	turnout	Right side
6.1	Turnout	Right side
8.0	Turnout	Right side
10.4	Jct. 56	
Highway 56		
Milepost	Description / Location:	
1.2	Turnout	Right side
5.2	Turnout	Right side
11.3	Turnout	Left side
13.8	Turnout	Right side
14.6	Shoulder Clear	Right side
19.8	Turnout	Right side
21.0	Turnout	Left side
25.9	Mailbox turnout	Right side
31.9	Mailbox turnout	Right side
32.8	Turnout	Left side
	Weigh Scale	Right side
Highway 2		
Milepost	Description / Location:	
19.9	Turnout	Left side
20.1	Turnout	Right side



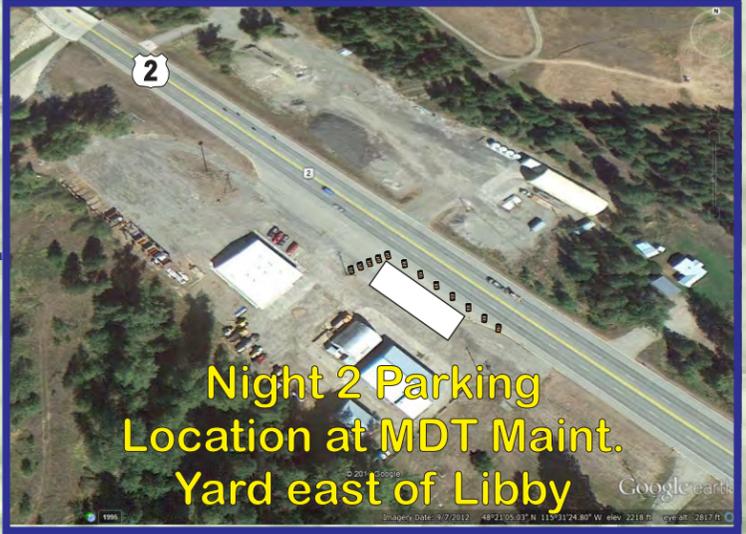
Owner	<b>Bigge Crane &amp; Rigging</b>		
Project Name	Calumet MT Refin. Vessel	Project Number	
Prime Contractor	Mountain West Holding Co.	Traffic Control Contractor	
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		Date	5/19/14
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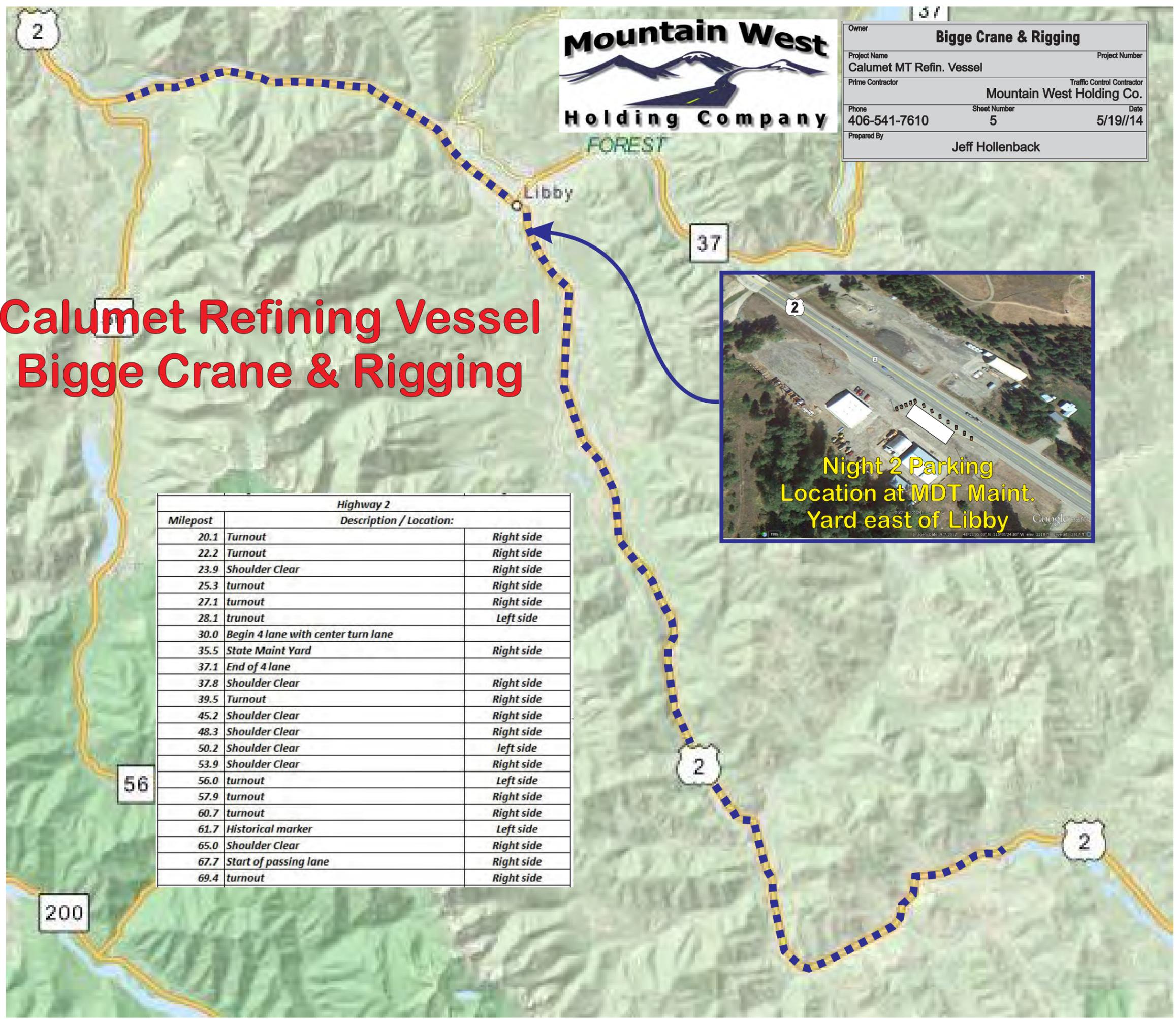


Owner	<b>Bigge Crane &amp; Rigging</b>	
Project Name	Calumet MT Refin. Vessel	Project Number
Prime Contractor	Mountain West Holding Co.	Traffic Control Contractor
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Prepared By	Jeff Hollenback	

# Calumet Refining Vessel Bigge Crane & Rigging



Highway 2		
Milepost	Description / Location:	
20.1	Turnout	Right side
22.2	Turnout	Right side
23.9	Shoulder Clear	Right side
25.3	turnout	Right side
27.1	turnout	Right side
28.1	trunout	Left side
30.0	Begin 4 lane with center turn lane	
35.5	State Maint Yard	Right side
37.1	End of 4 lane	
37.8	Shoulder Clear	Right side
39.5	Turnout	Right side
45.2	Shoulder Clear	Right side
48.3	Shoulder Clear	Right side
50.2	Shoulder Clear	left side
53.9	Shoulder Clear	Right side
56.0	turnout	Left side
57.9	turnout	Right side
60.7	turnout	Right side
61.7	Historical marker	Left side
65.0	Shoulder Clear	Right side
67.7	Start of passing lane	Right side
69.4	turnout	Right side



# Calumet Refining Vessel Bigge Crane & Rigging

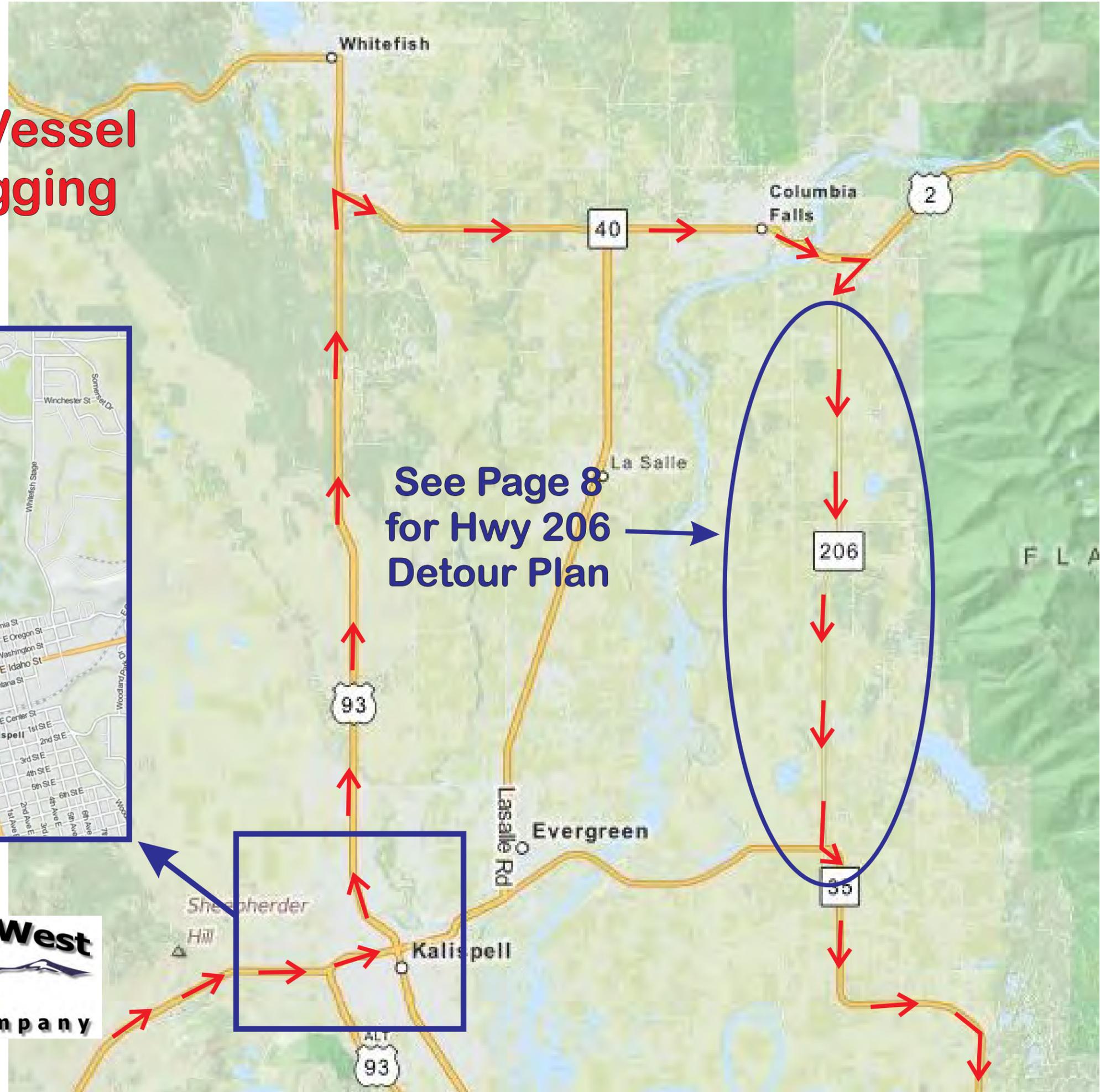
Highway 2		
Milepost	Description / Location:	
69.4	turnout	Right side
72.0	Mailbox turnout	Right side
75.4	turnout	Right side
77.3	Center turn lane	right side
80.7	Shoulder Clear	right side
82.5	turnout	Right side
83.1	turnout	right side
84.2	turnout	left side
85.7	turnout	Left side
86.1	turnout	Right side
87.3	turnout	Right side
88.2	turnout	Right side
89.1	turnout	Right side
92.3	turnout	Right side
94.5	turnout	Right side
96.1	turnout	Left side
100.6	turnout	Right side
101.6	turnout	Right side
102.3	turnout	Left side
105.7	turnout	Left side
106.9	turnout	Right side
109.5	turnout	Right side
113.4	turnout - Park option #1	Right side
115.4	Center turn lane	Right side
115.7	Weigh Scale - Park option #2	Right side



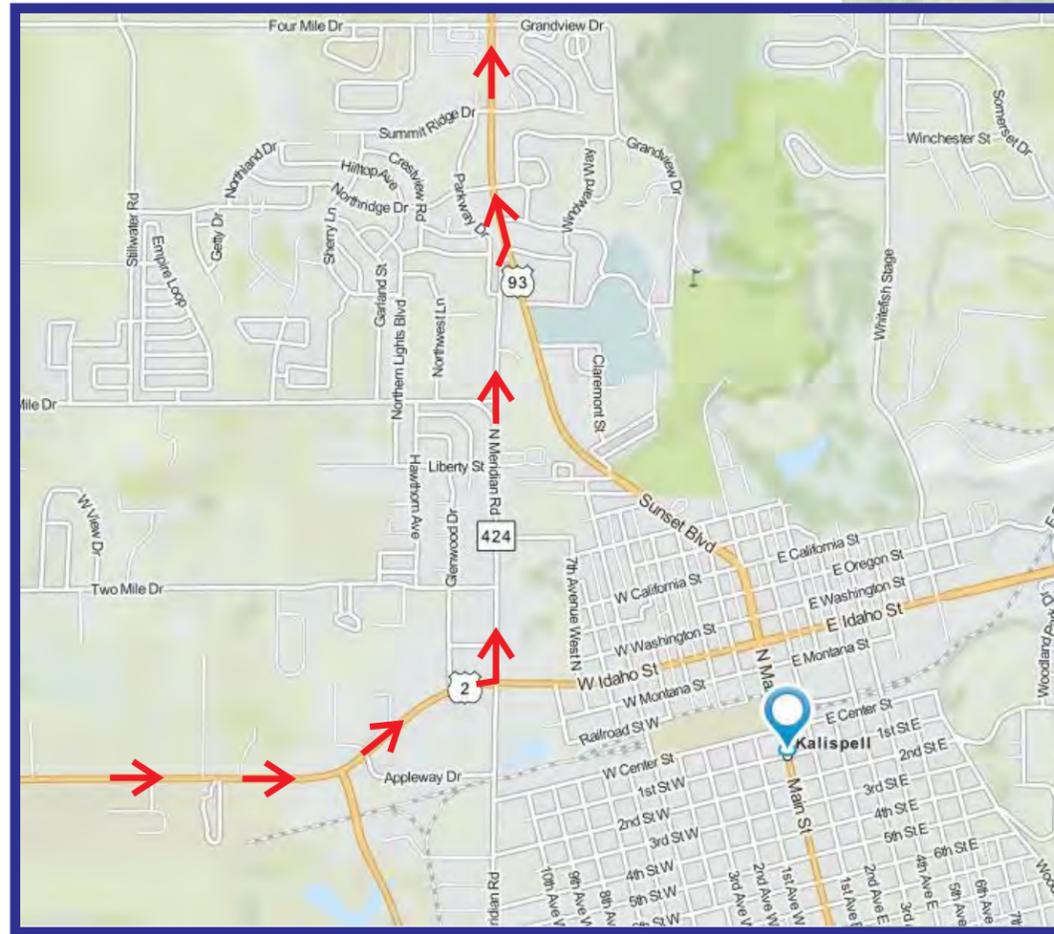
Owner	<b>Bigge Crane &amp; Rigging</b>	
Project Name	Calumet MT Refin. Vessel	Project Number
Prime Contractor	Traffic Control Contractor <b>Mountain West Holding Co.</b>	
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# Calumet Refining Vessel Bigge Crane & Rigging



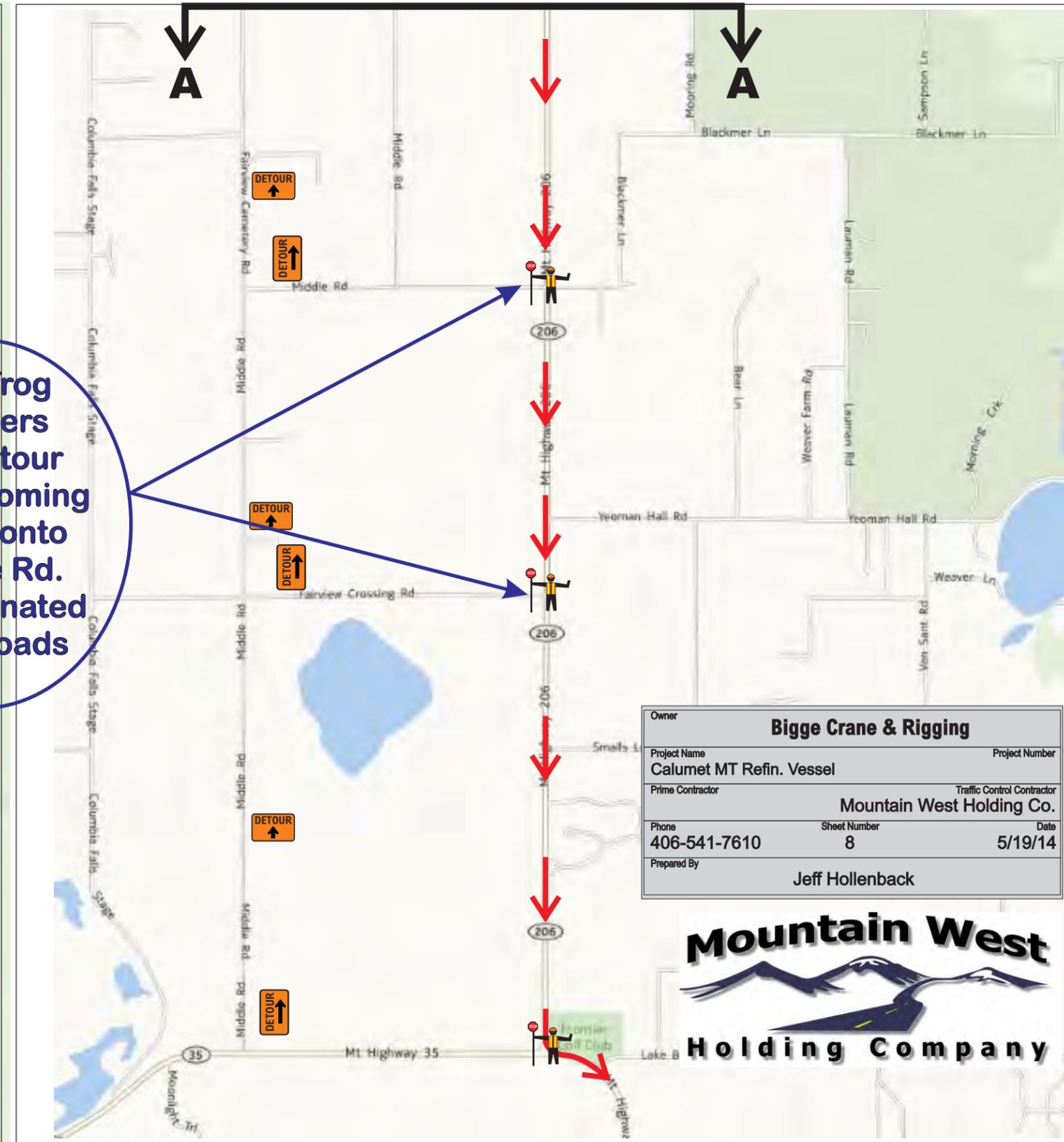
See Page 8  
for Hwy 206  
Detour Plan



Owner	<b>Bigge Crane &amp; Rigging</b>	
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Prepared By	Jeff Hollenback	



# Calumet Refining Vessel - Bigge Crane & Rigging Hwy 206 NB Traffic Detour Plan



Leapfrog  
Flaggers  
will detour  
any oncoming  
traffic onto  
Middle Rd.  
at designated  
crossroads

Owner	<b>Bigge Crane &amp; Rigging</b>	
Project Name	Calumet MT Refin. Vessel	Project Number
Prime Contractor	Traffic Control Contractor <b>Mountain West Holding Co.</b>	
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# Calumet Refining Vessel Bigge Crane & Rigging

Hwy 83 Clearing Locations:		
Milepost	Description / Location:	
Jct 83	Church parking lot	
90.5	Turnout	right side
88.3	center turn lane	echo lake
84.5	Turnout	right side
83.5	Turnout	right side
Jct 209	center turn lane	
80.4	Turnout	weigh scale
78.5	Turnout	right side
77.7	Turnout	right side
75.7	Turnout	right side
74.4	Turnout	left side
73.5	Turnout	right side
72.9	Turnout	right side
71.8	Turnout	right side
71.5	Turnout	right side
71.2	Turnout	left side
70.8	Turnout	left side
69.0	Turnout	right side
68.1	Turnout	right side
65.0	Turnout	right side
59.2	Turnout	right side
56.9	Turnout	both sides
55.2	Turnout	left side
54.9	Turnout	left side
47.6	Turnout	both sides
54.4	Turnout	both sides
43.4	Turnout	right side
42.9	Turnout	left side
42.1	Turnout	both sides
39.5	Turnout	right side
38.2	Turnout	right side
38.0	Turnout	both sides
36.5	Turnout	both sides
36.2	Turnout	left side
34.6	Turnout	left side
33.6	Turnout	both sides
32.5	Turnout	right side
31.8	Turnout	right side
30.6	Turnout	right side
25.2	Turnout	right side
22.4	Turnout	right side
21.8	Turnout	right side
19.9	Turnout	both sides
16.1	Turnout	right side
14.5	Turnout	both sides
13.1	center turn lane	
10.0	Turnout	right side
9.1	Turnout	right side
8.8	Turnout	right side
8.4	Turnout	right side
6.4	Turnout	right side
5.7	Turnout	right side
5.2	Turnout	right side
3.6	Turnout	both sides
2.9	Turnout	left side
2.0	Turnout	left side
1.7	center turn lane	
Jct 200	Turnout	both sides



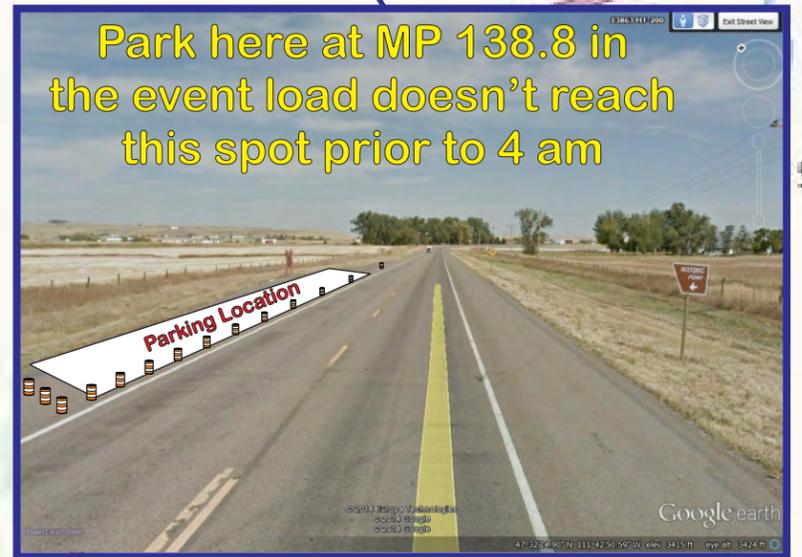
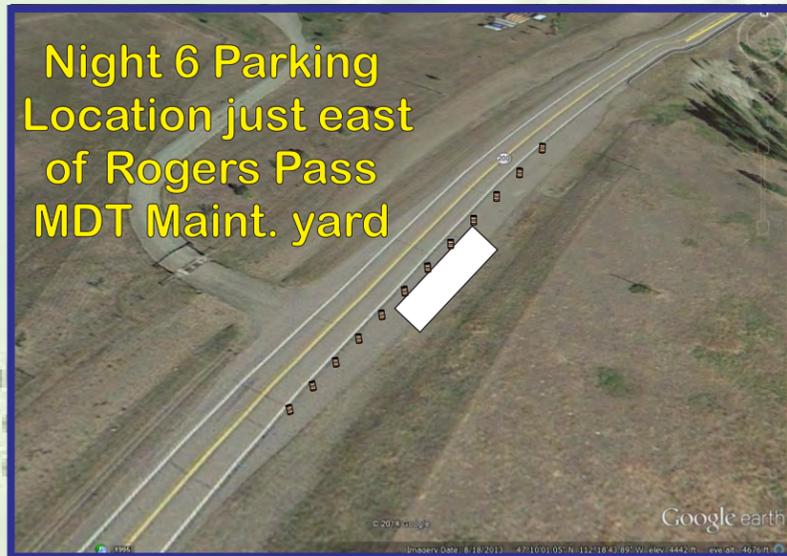
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Project Name	Calumet MT Refin. Vessel	Project Number
Prime Contractor	Mountain West Holding Co.	Traffic Control Contractor
Phone	406-541-7610	Date
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Prepared By	Jeff Hollenback	
		5/19/14



# Calumet Refining Vessel Bigge Crane & Rigging

Clearing locations for Highway 200		
Milepost	Description / Location:	
32.0	Clearwater Jct. - Private Approach	Left side
32.2	Historical Marker turnout	Right side
34.0	Shoulder Clear	
35.2	Shoulder Clear in guardrail section	Right side
39.0	Turnout	Left side
40.2	Turnout	Right side
45.2	Turn lane	Ovando
50.3	Historical Marker turnout	Left side
51.2	Shoulder Clear	Right side
52.8	Shoulder clear - marginal, skip if possible.	
55.2	Turnout	Right side
56.7	Shoulder Clear	Right side
57.7	Turnout	Right side
59.5	Turnout	Left side
60.4	Shoulder Clear	Right side
62.4	Four lane section	
63.8	Shoulder Clear	Right side
65.3	turnout	Right side
65.3	turnout	Right side
66.6	turnout	Left side
66.7	Shoulder clear	Right side
67.5	turnout	Right side
71.3	Shoulder clear	So. Edge of Lincoln
75.0	turnout	Left side
82.7	turnout	Right side
85.0	turnout	Right side
86.8	turnout	Right side
88.4	turnout	left side

Clearing locations for Highway 200		
Milepost	Description / Location:	
89.6	turnout	Left side
89.9	Summit of pass	
90.3	turnout	Left side
90.7	turnout	Right side
91.0	turnout	Left side
91.3	turnout	Right side
92.1	turnout	Right side
93.1	turnout	Both sides
93.4	Chain removal	Right side
96.2	Shoulder Clear	Right side
97.5	Chain removal	right side
98.7	Chain removal	right side
99.6	Shoulder Clear	Left side
101.5	turnout	right side
106.5	turnout	left side
109.2	Jct. 287 - Bowmans Corner	
110.8	Passing lane	
113.6	Passing lane	
120.0	Passing lane	
121.8	Passing lane	
123.7	Passing lane	
125.5	Passing lane	
127.6	Jct. 51 to Augusta in Simms	
133.0	Historical sign turnout	left side
136.5	Center turn lane	
138.8	Historical sign turnout	left side
8.0	Stop sb traffic prior to start of 4 lane nb	



# Calumet Refining Vessel Bigge Crane & Rigging

# Vaughn Interchange

Milepost	Description / Location:	
136.5	Center turn lane	
138.8	Historical sign turnout	left side
8.0	Stop sb traffic prior to start of 4 lane nb	
0.1	Potential Park location on vaught frontage rd - marginal	
1.6	Stop traffic here and clear to jct of 200 prior to load entering front rd.	
2.2	Right hand turn lane	
3.7	Center turn lane	

Module  
Route

Vaughn Frontage Rd

Leapfrog flag stations on frontage road will be at MP's 1.6, 2.2 & 3.7. WB frontage road traffic will be detoured onto I-15 at the NW Bypass interchange (see Page 8) as soon as the load enters onto the frontage road. Detour will be removed as soon as the load passes the closure location.

Owner	<b>Bigge Crane &amp; Rigging</b>	
Project Name	Calumet MT Refin. Vessel	Project Number
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	Sheet Number	11
Prepared By	Jeff Hollenback	
	Date	5/19/14



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# Calumet Refining Vessel — Bigge Crane & Rigging

## Proposed Plan for Short Term Closure of Vaughn Road

Ramp will remain open to left hand turns until load reaches ramp and then stopped and held until load passes ramp.

Module  
Route

Owner	<b>Bigge Crane &amp; Rigging</b>	
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Prime Contractor	Mountain West Holding Co.	Traffic Control Contractor
Phone	406-541-7610	Date
	Sheet Number	5/19/14
Prepared By	Jeff Hollenback	



# Calumet Refining Vessel Bigge Crane & Rigging



Owner	<b>Bigge Crane &amp; Rigging</b>	
Project Name	Calumet MT Refin. Vessel	Project Number
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Sheet Number	13	5/19/14
Prepared By	Jeff Hollenback	



# Calumet Refining Vessel Bigge Crane & Rigging

Module  
Route

NW Bypass

3rd Street NW

Owner	<b>Bigge Crane &amp; Rigging</b>	
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Project Number		
Prime Contractor	Traffic Control Contractor	
	<b>Mountain West Holding Co.</b>	
Phone	Sheet Number	Date
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Prepared By	Jeff Hollenback	



# Calumet Refining Vessel Bigge Crane & Rigging

Module  
Route

Parking  
Location

3rd Street NW

17th Ave NE

Owner	<b>Bigge Crane &amp; Rigging</b>	
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Prime Contractor	Mountain West Holding Co.	Traffic Control Contractor
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