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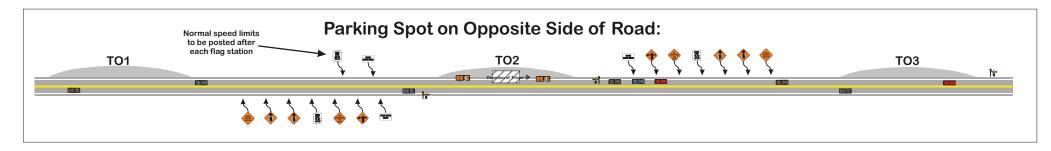
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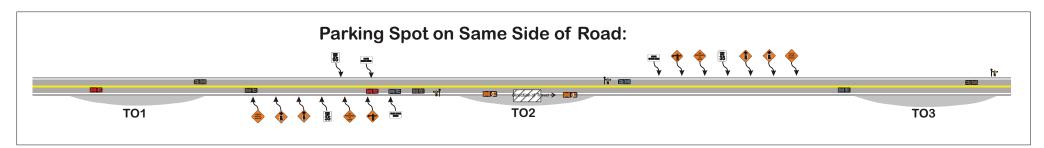


6.1 Highway Traffic Control Plans

6.1.1 Clear Traffic Plan (1 lane open)

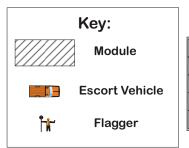
Proposed Traffic Control - 2 Lane Rural Roadways CLEAR Traffic Plan: (one lane for clearing traffic)





Notes:

- 1. For details on Traffic Clearance Procedure, refer to Sheet 6.1.7 in this section.
- Each Flagger will be certified by the American Traffic Safety Services Association (ATSSA) or equal.
- 3. Nighttime flag stations will be illuminated by lighting according to MDT standards.
- 4. Advanced warning signing will be placed so that the traffic queue does not extend beyond the flagger sign.
- 5. Flag station signing will be mounted in sign brackets on post mounted signs.
- Crew traveling with module will consist of a minimum of one Certified Traffic Supervisor, three certified Traffic Control Technicians and three Certified Flaggers. All members of crew will have Flagger Certifications.
- 7. All members of crew will be equipped with business band radios on a common frequency to maintain communications between traffic crew and transport crew.

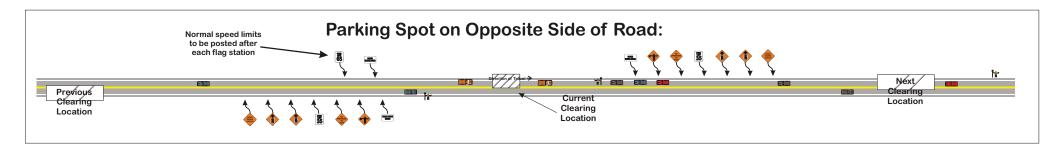


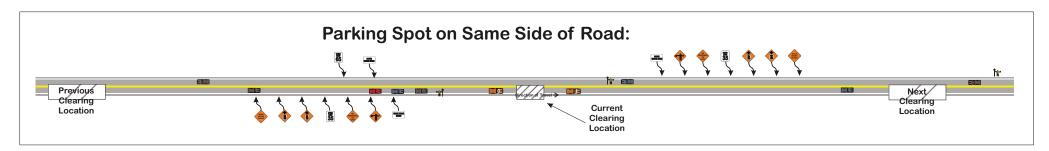
Owner MAMMOET			
Project Name Project Number			
Kearl Oil Sand Project			
Prime Contractor Traffic Control Contractor Western Traffic Control			
Phone	Sheet Number	Date	
406-541-7610	1-WMR, Rev.5	2/12/10	
Prepared By	Jeff Hollenback		



6.1.2 Clear on Shoulder Traffic Plan (1 lane open)

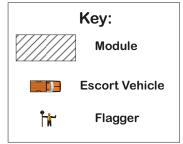
Proposed Traffic Control - 2 Lane Rural Roadways CLEAR on Shoulder Traffic Plan: (one lane for clearing traffic)





Notes:

- 1. For details on Traffic Clearance Procedure, refer to Sheet 6.1.7 in this section.
- Each Flagger will be certified by the American Traffic Safety Services Association (ATSSA) or equal.
- 3. Nighttime flag stations will be illuminated by lighting according to MDT standards.
- 4. Advanced warning signing will be placed so that the traffic queue does not extend beyond the flagger sign.
- 5. Flag station signing will be mounted in sign brackets on post mounted signs.
- Crew traveling with module will consist of a minimum of one Certified Traffic Supervisor, three certified Traffic Control Technicians and three Certified Flaggers. All members of crew will have Flagger Certifications.
- 7. All members of crew will be equipped with business band radios on a common frequency to maintain communications between traffic crew and transport crew.

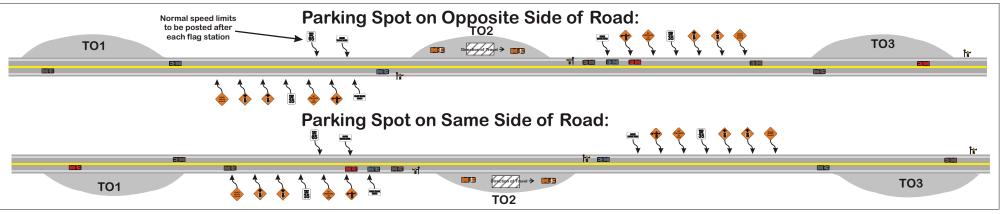


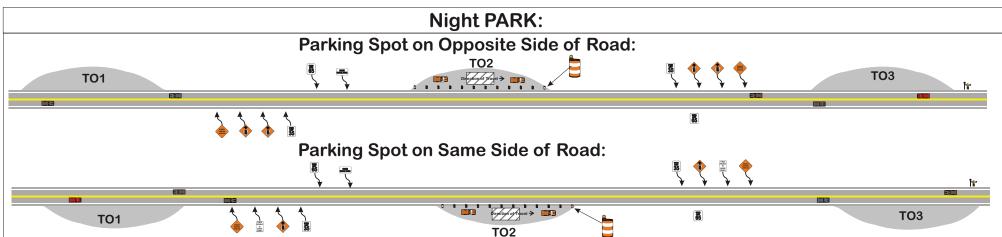
Owner MAMMOET		
Project Numbe Kearl Oil Sand Project		
Prime Contractor	Western 1	Traffic Control Contractor
Phone 406-541-7610	Sheet Number 2-WMR, Rev.5	2/12/10
Prepared By	Jeff Hollenback	



6.1.3 Park Traffic Plan (2 lanes open)

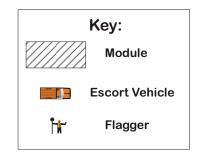
PARK Traffic Plan: (two lanes for clearing traffic)





Notes:

- 1. For details on Traffic Clearance Procedure, refer to Sheet 6.1.7 in this section.
- 2. Each Flagger will be certified by the American Traffic Safety Services Association (ATSSA) or equal.
- 3. Nighttime flag stations will be illuminated by lighting according to MDT standards.
- 4. Advanced warning signing will be placed so that the traffic queue does not extend beyond the flagger sign.
- 5. Flag station signing will be mounted in sign brackets on post mounted signs.
- 6. Crew traveling with module will consist of a minimum of one Certified Traffic Supervisor, three certified Traffic Control Technicians and three Certified Flaggers. All members of crew will have Flagger Certifications.
- 7. All members of crew will be equipped with business band radios on a common frequency to maintain communications between traffic crew and transport crew.

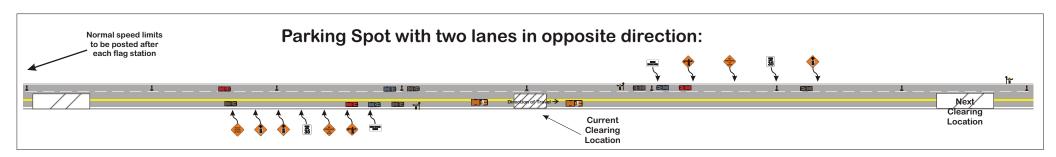


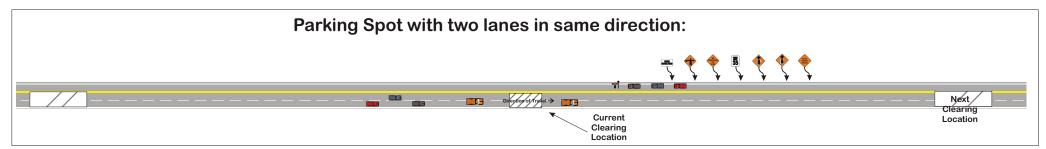
Owner	MAMMOET MAMMOET		
Project Name Pro Kearl Oil Sand Project			
Prime Contractor	Western	Traffic Control Contractor Traffic Control	
Phone 406-541-7610	Sheet Number 3-WMR, Rev.5	2/12/10	
Prepared By	Jeff Hollenback		



6.1.4 3 Lane Clear (1 lane open)

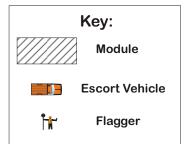
Proposed Traffic Control - 3 Lane CLEAR (one lane for clearing traffic)





Notes:

- 1. For details on Traffic Clearance Procedure, refer to Sheet 6.1.7 in this section.
- 2. Each Flagger will be certified by the American Traffic Safety Services Association (ATSSA) or equal.
- 3. Nighttime flag stations will be illuminated by lighting according to MDT standards.
- 4. Advanced warning signing will be placed so that the traffic queue does not extend beyond the flagger sign.
- 5. Flag station signing will be mounted in sign brackets on post mounted signs.
- Crew traveling with module will consist of a minimum of one Certified Traffic Supervisor, three certified Traffic Control Technicians and three Certified Flaggers. All members of crew will have Flagger Certifications.
- 7. All members of crew will be equipped with business band radios on a common frequency to maintain communications between traffic crew and transport crew.



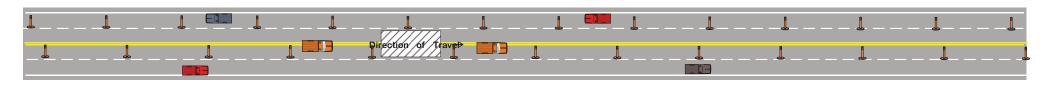
Owner MAMMOET		
Project Name Kearl Oil Sand F	Project	Project Number
Prime Contractor	Western 1	Traffic Control Contractor
Phone 406-541-7610	Sheet Number 4-WMR, Rev.5	2/12/10
Prepared By	Jeff Hollenback	



6.1.5 4 Lane Clear (2 lanes open)

Proposed Traffic Control - 4 Lane Rural Roadways PARK Traffic Plan: (two lanes for clearing traffic)







Notes:

In these sections, the module will occupy two lanes and the other two lanes will be used to clear traffic.
 Advanced signing will be according to MDT Detailed Drawing #618-24

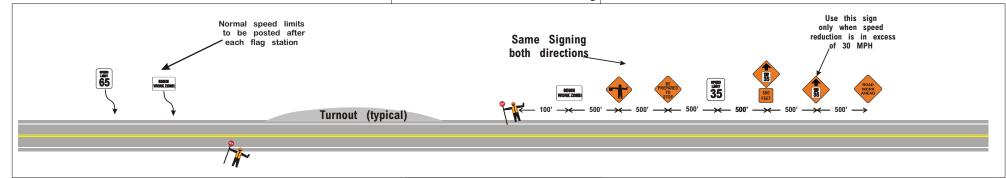
	MAMMOET			
Project Name		Project Number		
Kearl Offisandrierojeonject				
Prime Contraction	Western T	Traffic Control Contractors Tanàffo Control rol		
Phone	Sheet Numbeer	Date		
406-541-7610	5-WMR, Regr. 5 5	2/12/10		
Prepared Bijy	Jeff Holidebackk			



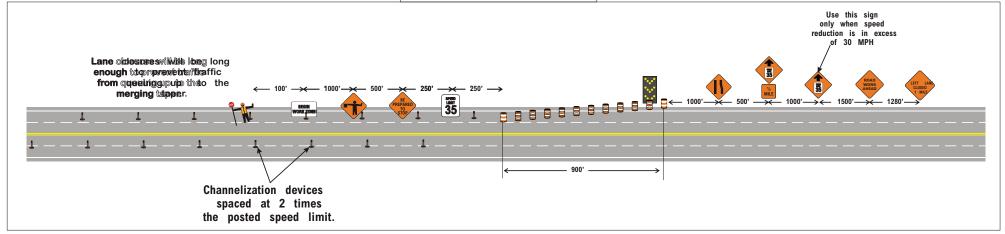
6.1.6 Typical Advanced Signing Detail

Typical Advanced Signing Detail:

2 Lane Roadways



4 Lane Roadways



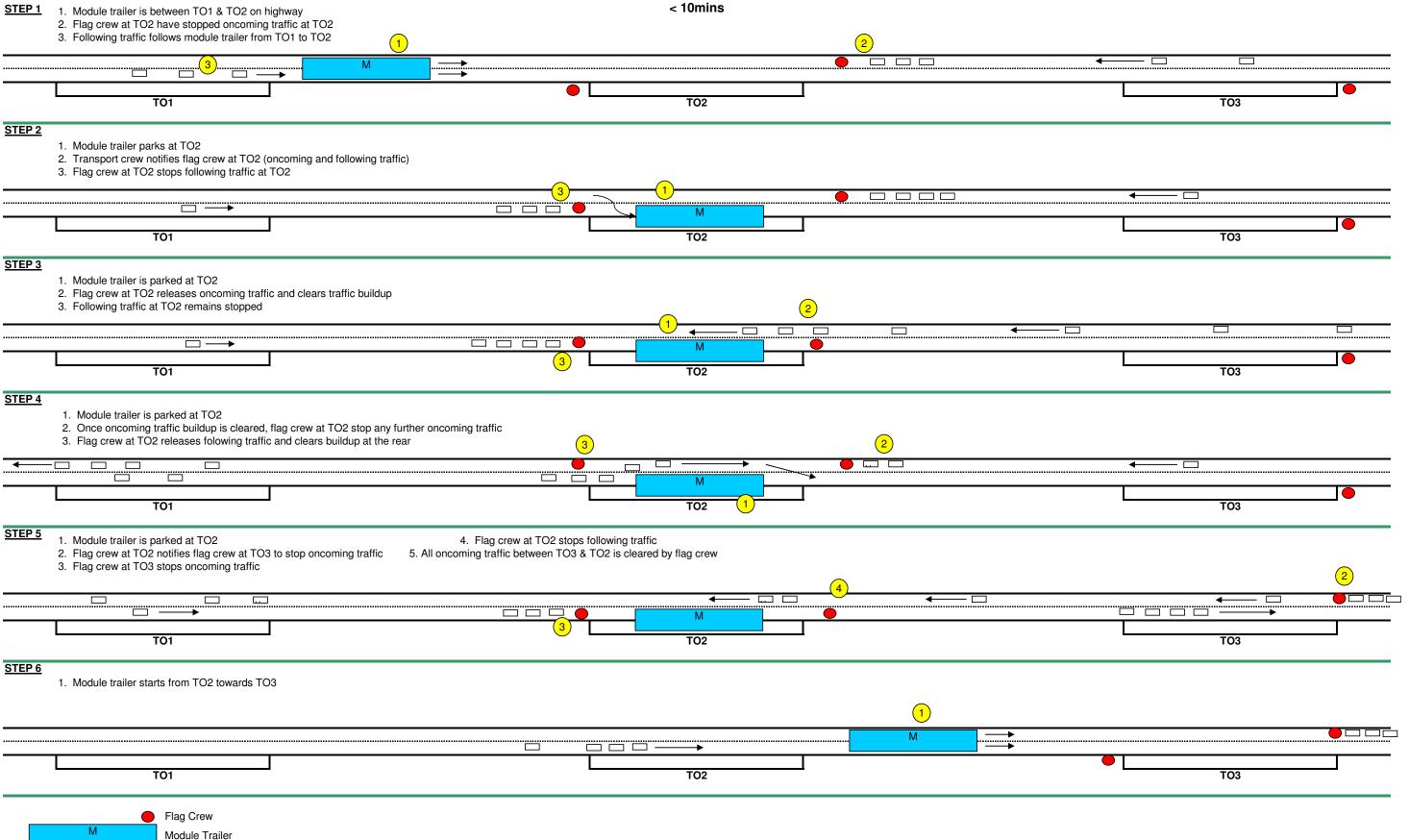
Owner MAMMOET		
Project Name: Kearl ODiSaßdri	∂rojaco ject	Project Number
Prime Contractor		raffic Control Contractor TarATO COD trod
Phone 406-541-7610	Sheet Number 28-WMR, Rev. 55	2/12/10
Prepared Bijyy	Jeff Holidabaakk	



6.1.7 Traffic Control Procedure

Traffic Control Plan Between 2 Clear Turnouts

Scenario: (Travel time for module trailer between TO2 and TO3 + travel time for public vehicle between TO3 and TO2 at posted highway speed - the time between successive vehicles at TO3) is



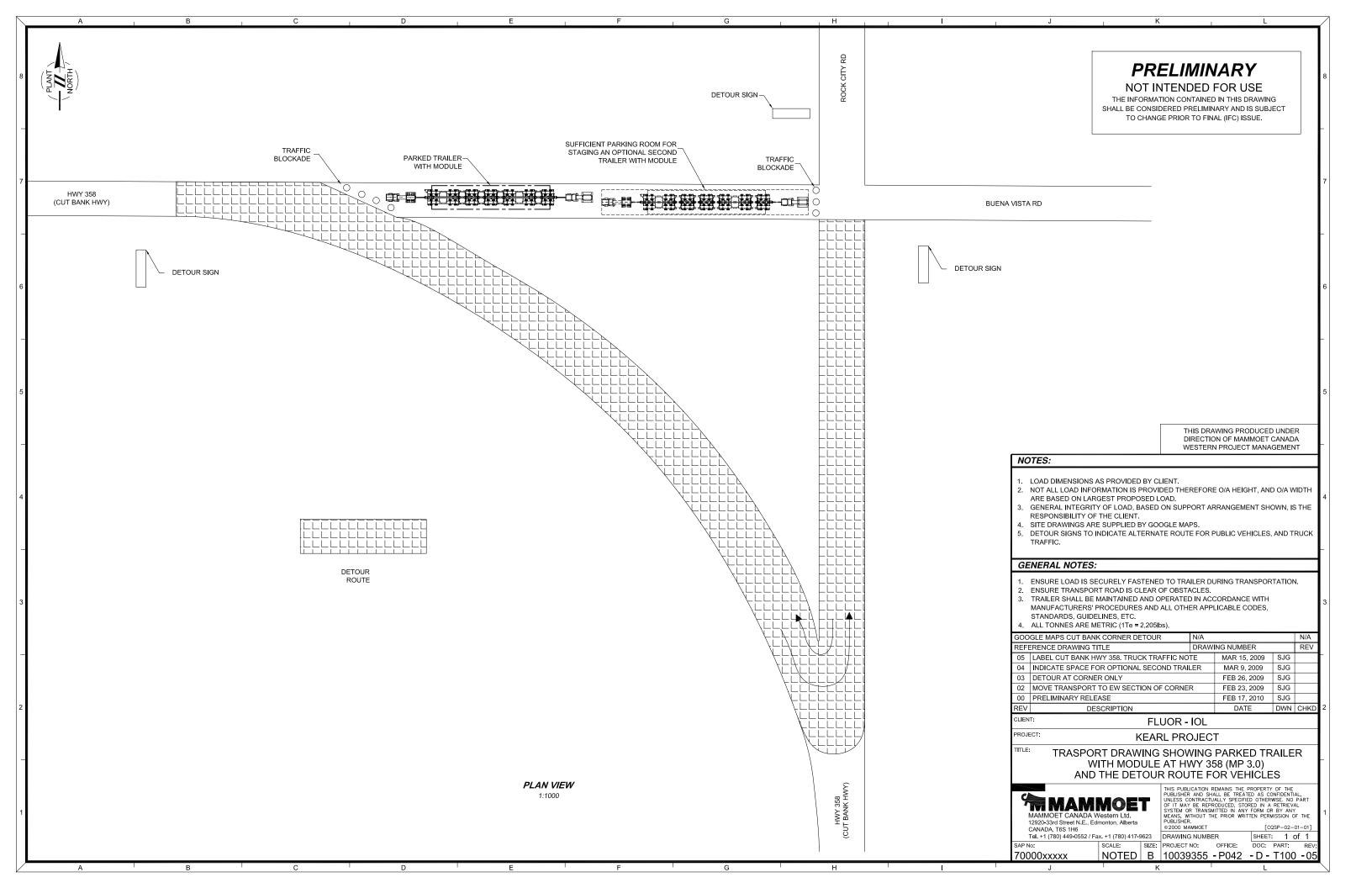


6.1.8 a) Dupuyer Rest Area





6.1.8 b) Hwy 358 - MP 3.0 Detour





6.1.8 c) Hwy 214 – MP 16.8, Typical Clear on a Curve





6.1.9 Junction of Hwy 200 & 287





6.1.10 Junction of Hwy 287 & 408



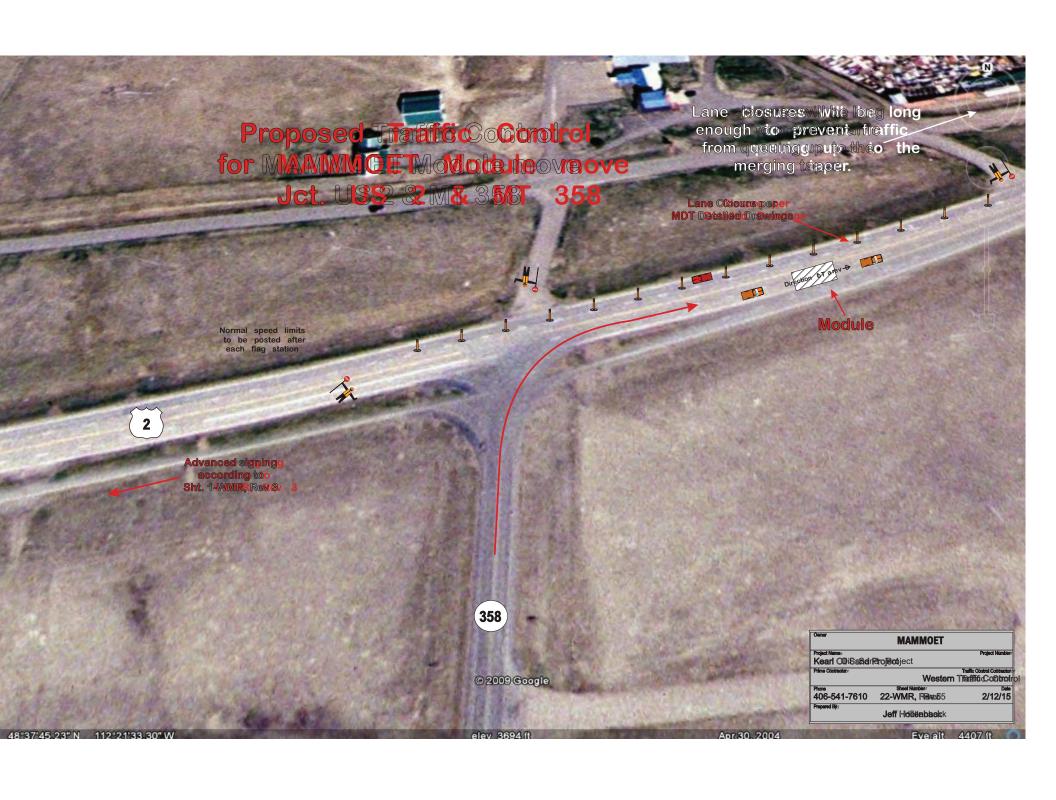


6.1.11 Junction of Hwy 89 & 44





6.1.12 Junction of Hwy 2 & 358





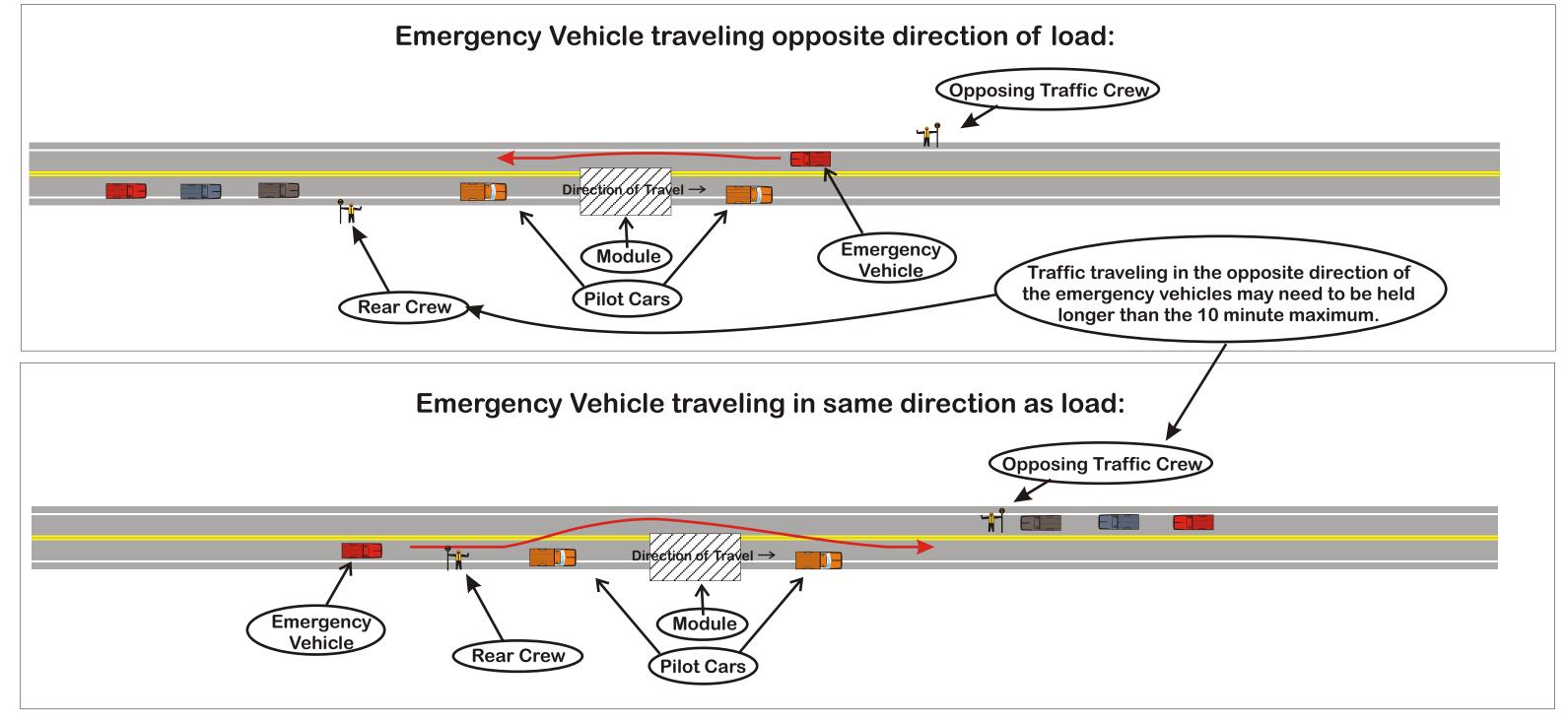
6.1.13 Junction of Hwy 214 & Sweetgrass Rd.





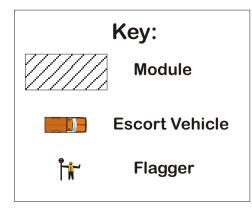
6.1.14 Emergency Vehicle Clearing Procedure

Plan for Clearing Emergency Vehicles on Two Lane Roadways:



Emergency Response Narrative:

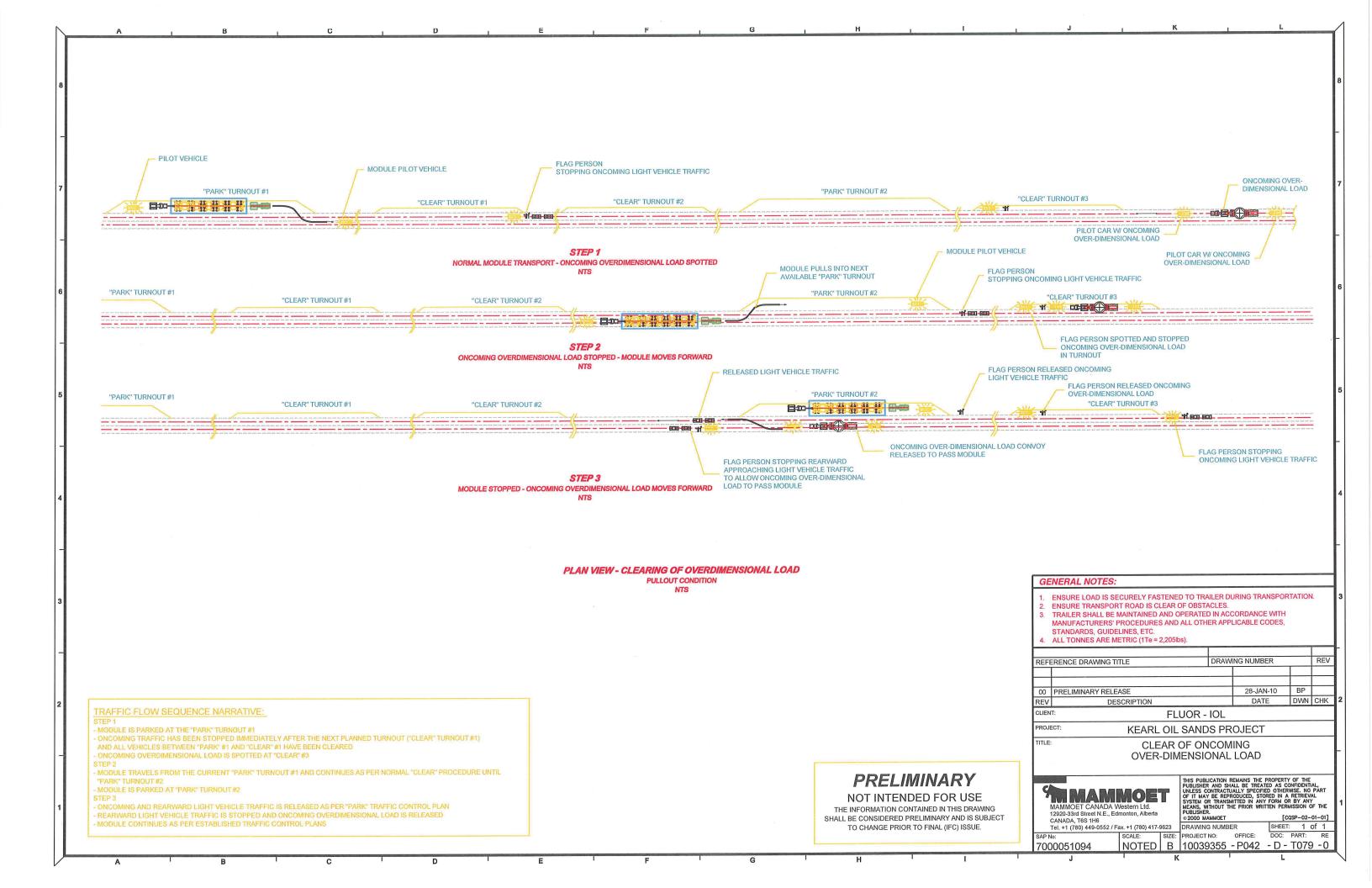
The Highway Patrol and other Emergency Response entities will be given the radio frequency of our onsite Traffic Safety Supervisor (TSS). In the event that emergency vehicles approach the Module move, they can contact our TSS with their location, direction of travel and estimated time of arrival at the Module. When the TSS receives an emergency call, he will communicate the need fo the module and escort vehicles to pull over on the shoulder of the road and stop. The TSS will direct the flagger in the opposite direction of the emergency vehicle to stop their traffic until the emergency vehicles pass. Vehicles traveling in the same direction as the emergency vehicle will be directed to proceed past the Module to allow a clear path for the emergency vehicles. Prior to the start of this project, their will be a meeting between Mammoet, Western Traffic Control and the MHP to discuss and establish the best possible practice for handling emergency vehicle traffic.



Owner MAMMOET			
Project Name		Project Number	
Kearl Oil Sand Project			
Prime Contractor		Traffic Control Contractor	
	Wester	n Traffic Control	
Phone	Sheet Number	Date	
406-541-7610	1-EVP	1/27/10	
Prepared By Jeff Hollenback			



6.1.15 Clear of Oncoming Over-Dimensional Load

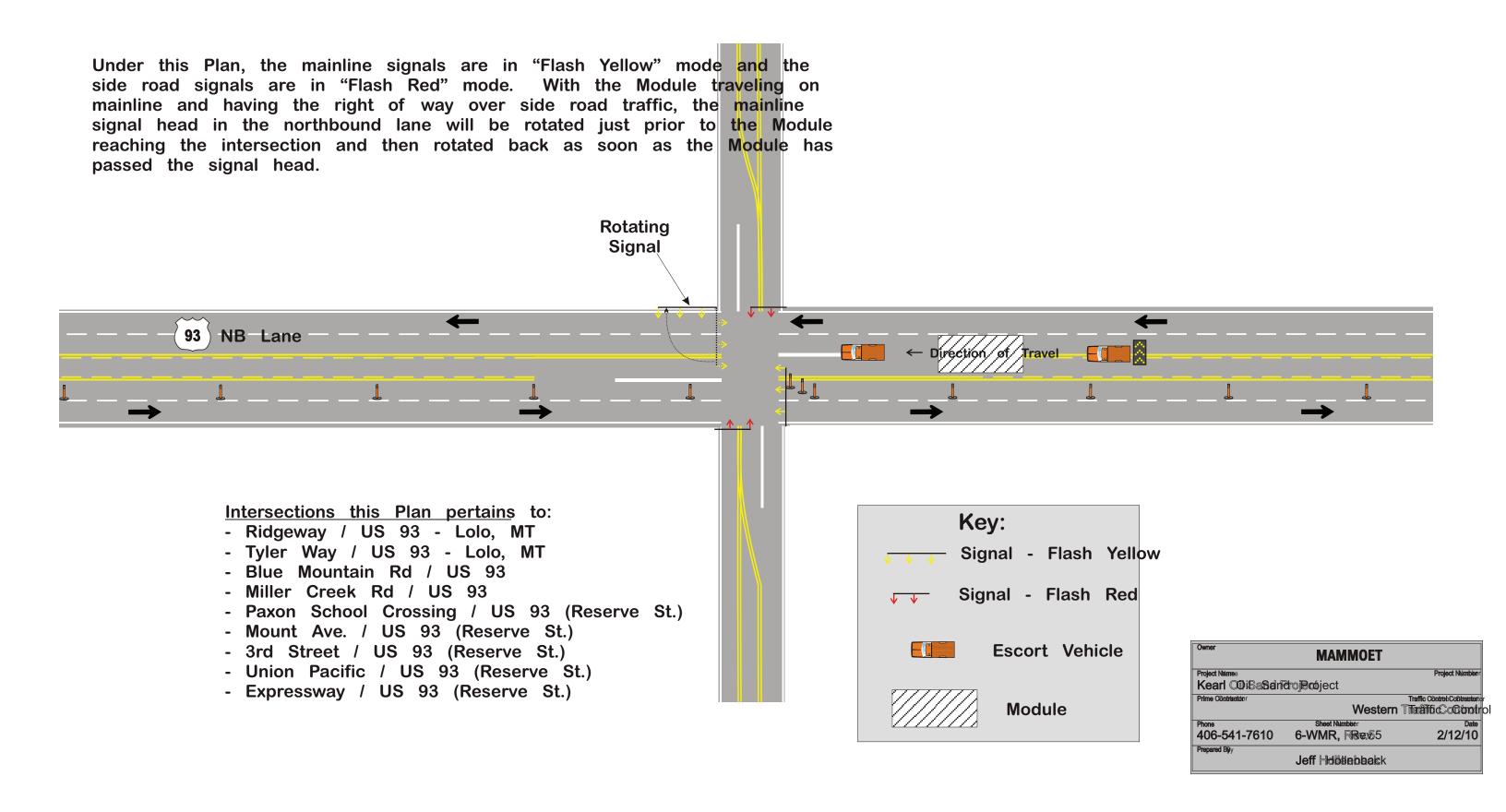




6.2 City / Town Traffic Control Plans

6.2.1 4 Lane Rotating Signal Head - Mainline Flash Yellow

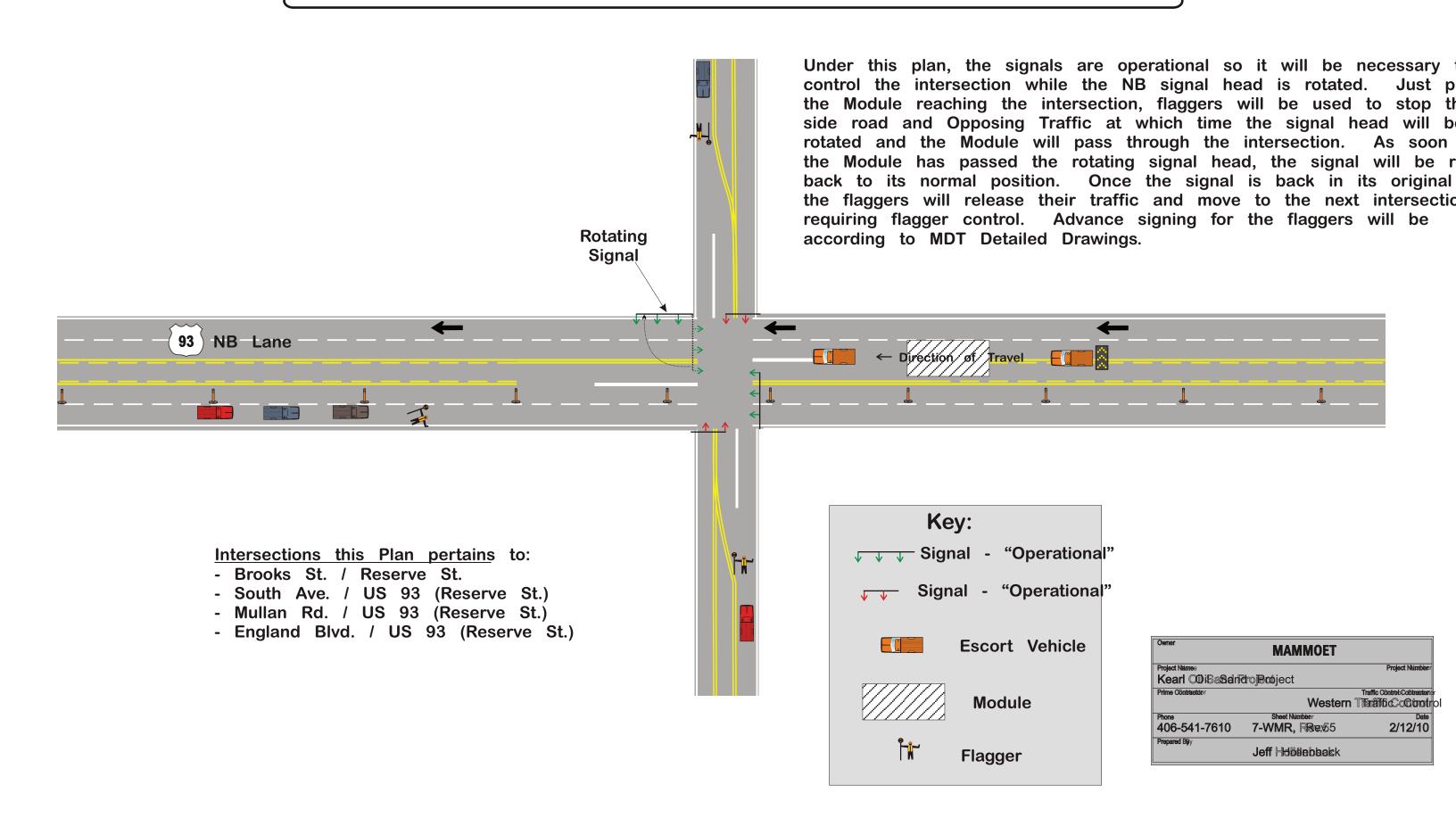
Proposed Traffic Control - 4 Lane Rotating Signal Head When Mainline is Flash Yellow and side road is Flash Red





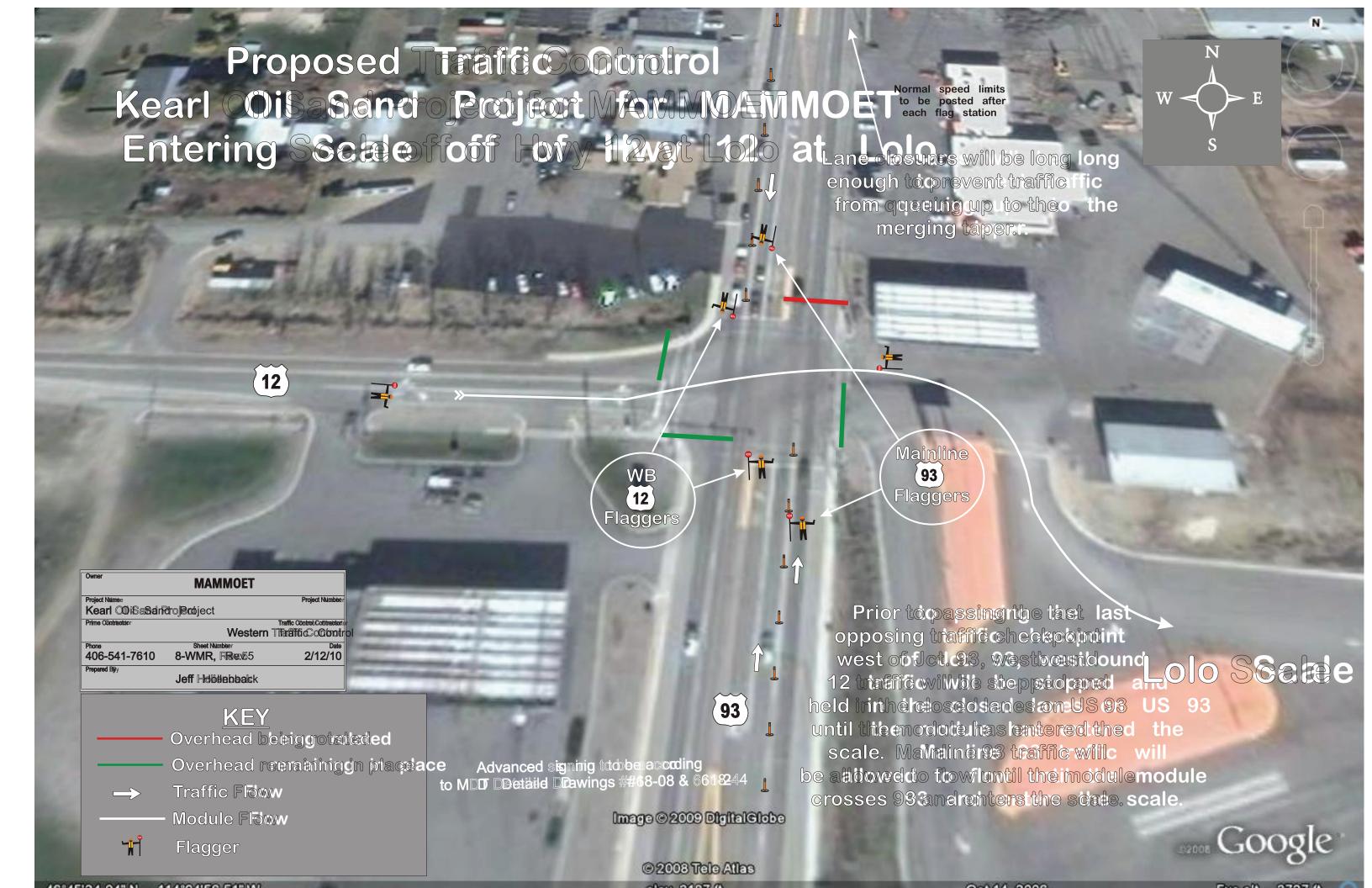
6.2.2 4 Lane Rotating Signal Head – Signals Operational

Proposed Traffic Control - 4 Lane Rotating Signal Head Where Signals are Operational



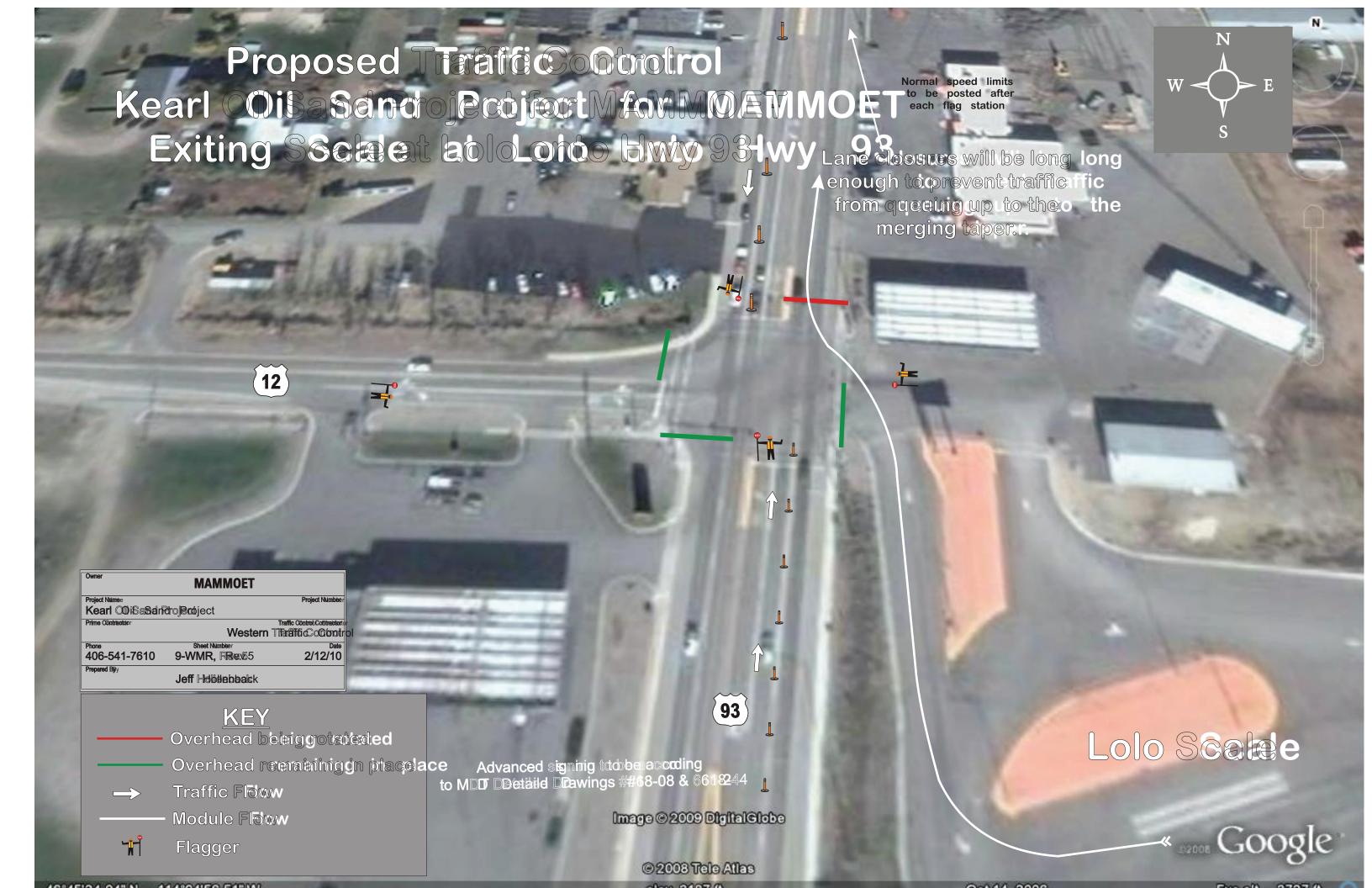


6.2.3 a) Lolo - Entering Scale





6.2.3 b) Lolo - Exiting Scale



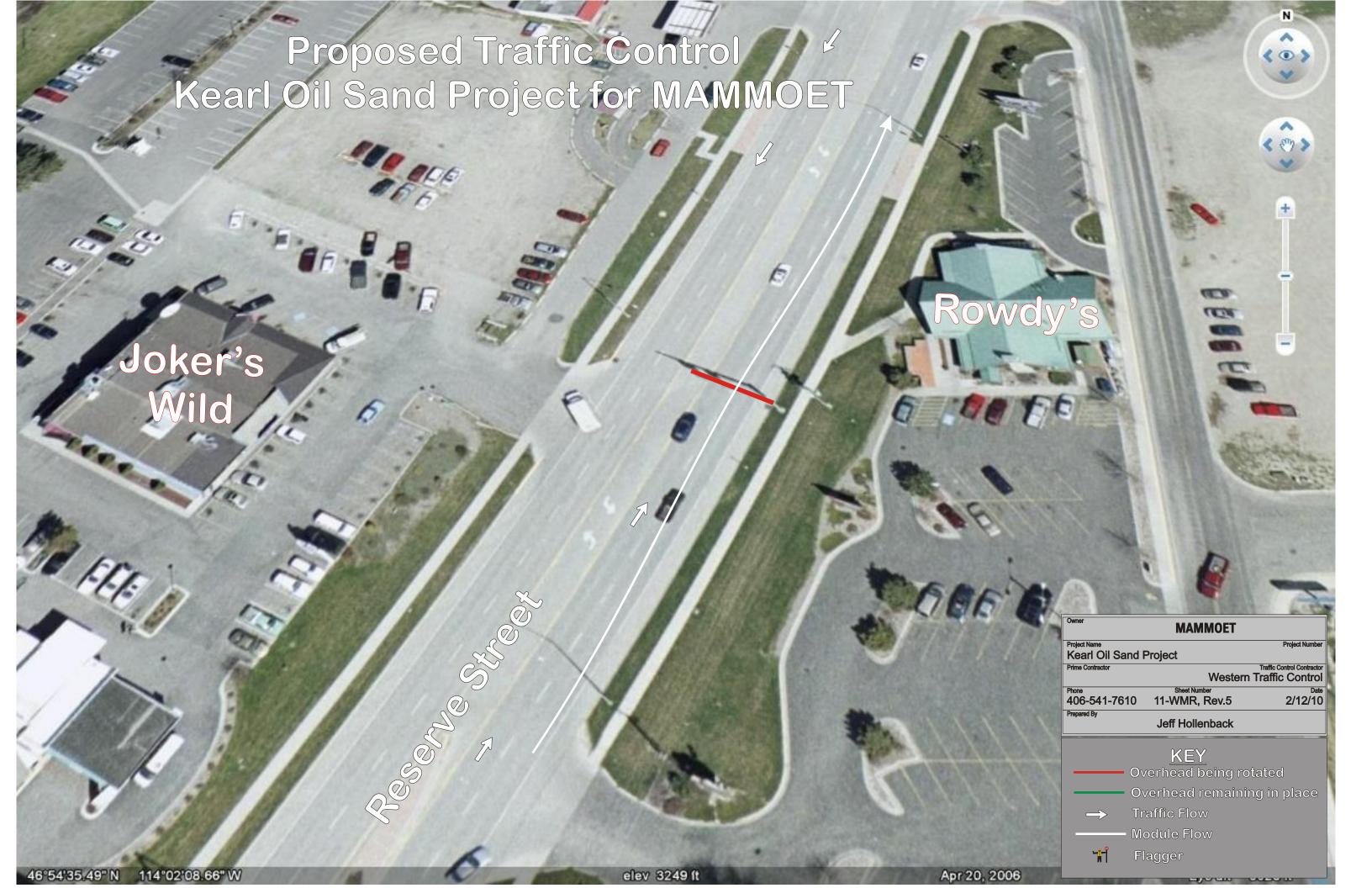


6.2.4 a) Missoula - Reserve & Brooks





6.2.4 b) Missoula – Reserve @ Overhead Sign (Joker's Wild)





6.2.4 c) Missoula - Reserve& I-90



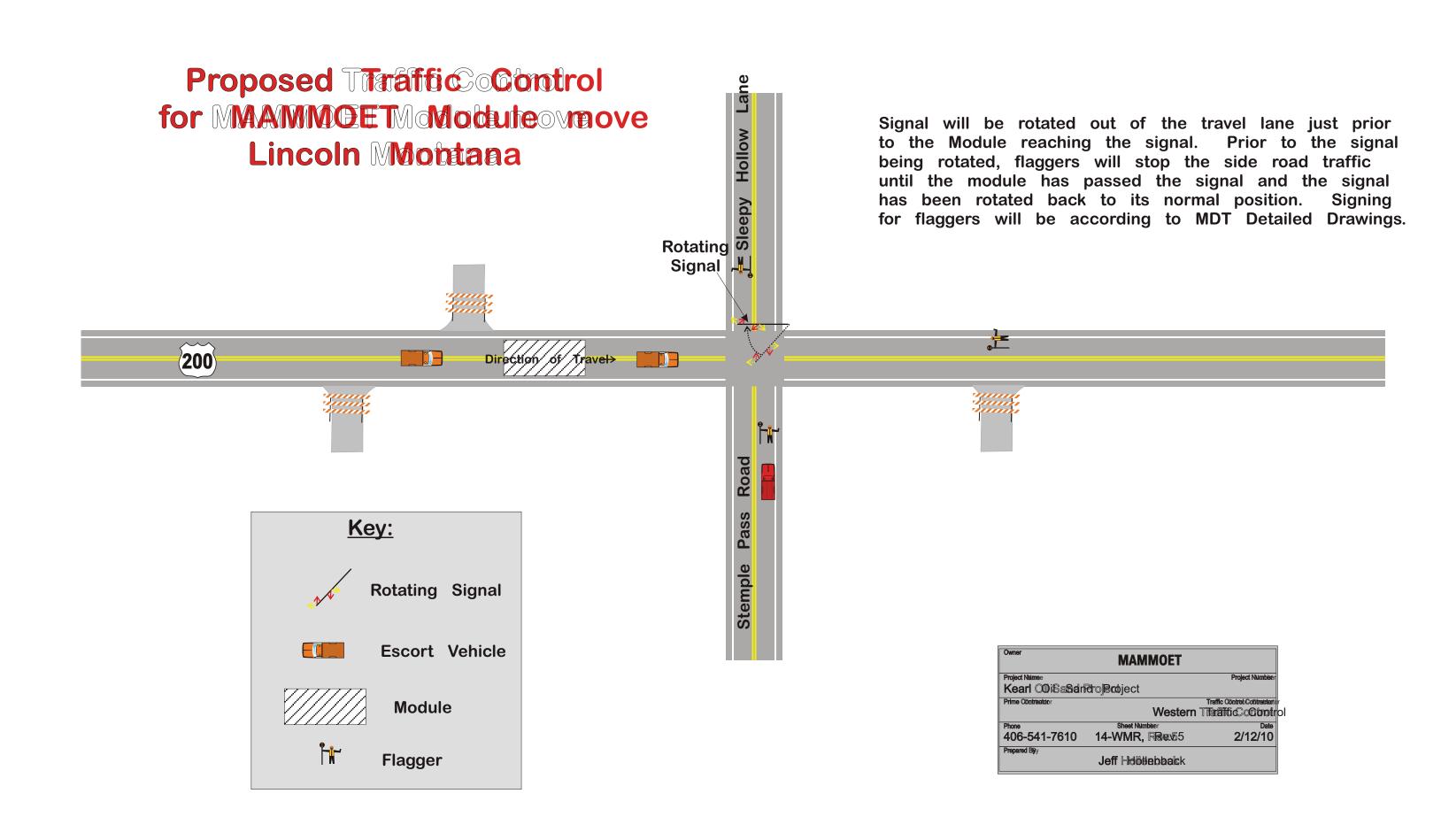


6.2.4 d) Missoula – I-90 & Hwy 200





6.2.5 Lincoln





6.2.6 Augusta





6.2.7 a) Choteau (South)





6.2.7 b) Choteau (North)





6.2.7 c) Choteau (Truck Detour)





6.2.8 Valier





6.2.9 Cut Bank

