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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 <br> 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.
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.


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6.1.2 Clear on Shoulder Traffic Plan (1 lane open)

## Proposed Traffic Control-2 Lane Rural Roadways <br> 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.
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.


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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.

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6.1.4 3 Lane Clear (1 lane open)

## Proposed Traffic Control - 3 Lane CLEAR <br> (one lane for clearing traffic)



## Parking Spot with two lanes in same direction:



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.


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6.1.5 4 Lane Clear (2 lanes open)


Advanced SSighing
according to MDT
according ©
Detailed
Drawing
\#618-24

## 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

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| Pinme conotueber | Western Tirrafficicoiontro |  |
| Phone | 5-WMR, RRev | $2 / 12 / 10$ |
| Properecticy | Jeff Hdolebback |  |

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## Typical Advanced Signing Detail:



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6.1.7 Traffic Control Procedure

# Scenario: (Travel time for module trailer between TO2 and TO3 + travel time for public vehicle between 




```
STEP 2 1. Module trailer parks at TO2
2. Transport crew notifies flag crew at TO2 (oncoming and following traffic)
3. Flag crew at TO2 stops following traffic at TO2
```



STEP 4

1. Module trailer is parked at TO2
2. Once oncoming traffic buildup is cleared, flag crew at TO2 stop any further oncoming traffic
3. Flag crew at TO2 releases folowing traffic and clears buildup at the rear

$\begin{array}{ll}\text { STEP } 5 & \begin{array}{l}\text { 1. Module trailer is parked at TO2 }\end{array} \\ & \text { 4. Flag crew at TO2 stops following traffic } \\ \text { 2. Flag crew at TO2 notifies flag crew at TO3 to stop oncoming traffic } & \text { 5. All oncoming traffic between TO3 \& TO2 is cleared by flag crew }\end{array}$
4. Flag crew at TO2 notifies flag crew at TO3 to stop oncoming traffic $\quad$. All oncoming traffic between TO3 \& TO2 is cleared by flag crew
5. Flag crew at TO3 stops oncoming traffic


STEP 6 1. Module trailer starts from TO2 towards TO3


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6.1.8 a) Dupuyer Rest Area


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6.1 .8 b) Hwy 358 - MP 3.0 Detour



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


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6.1.11 Junction of Hwy 89 \& 44


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6.1.13 Junction of Hwy 214 \& Sweetgrass Rd.


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## Plan for Clearing Emergency Vehicles on Two Lane Roadways:

Emergency Vehicle traveling opposite direction of load:


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.

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|  |  |  |
| Pime Contractor | Western Traffic Control |  |
| Phone | Sheot Number |  |
| 406-541-7610 | 1-EVP | 1/27/10 |
| Jeff Hollenback |  |  |

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6.1.15 Clear of Oncoming Over-Dimensional Load


PLAN VIEW- CLEARING OF OVERDIMENSIONAL LOAD
PULLOUT CONDITION

GENERAL NOTES:

TRAFFIC FLOW SEQUENCE NARRATIVE:



- MPOULL TRAVELS FROM THE CURRENT "PARK" TURNOUT \#1 AND CONTINUES AS PER NORMAL "CLEAR"PROCEDURE UNTIL
MODULE I P PARKED AT "PARk" TURNOUT \#2
- ONCOMIG ANO REARWARD LIGHT VEHCLE TRAFFIC IS RELEASED AS PER PPARM TRAFFIC CONTROL PLLN
REARWARD LIGHT VEHICLE TRAFFIC II STOPPED AND ONCOMING OVE
MODULE CONTINES AS PER ESTABLSHED TRAFFIC CONTROL PLANS


## PRELIMINARY

NOT INTENDED FOR USE THE INFORMATON CONTANED IN THIS RRAMING
SHALL BE CONSIDERED PRELIMNARY AND IS SUBJECT HALL BE CONSIDERED RRELIMNARY AND IS SUE
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### 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 <br> When Mainline is Flash Yellow and side road is Flash Red

Under this Plan, the mainline signals are in "Flash Yellow" mode and the side road signals are in "Flash Red" mode. With the Module traveling on mainline and having the right of way over side road traffic, the mainline signal head in the northbound lane will be rotated just prior to the Module reaching the intersection and then rotated back as soon as the Module has passed the signal head.


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



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6.2.4 a) Missoula - Reserve \& Brooks


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


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6.2.4 c) Missoula - Reserve\& I-90


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6.2.4 d) Missoula - I-90 \& Hwy 200


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6.2.7 a) Choteau (South)


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6.2 .7 b) Choteau (North)



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