

Van Horne Institute Oil Sands Summit

May 13, 2009

SUPERLOADS

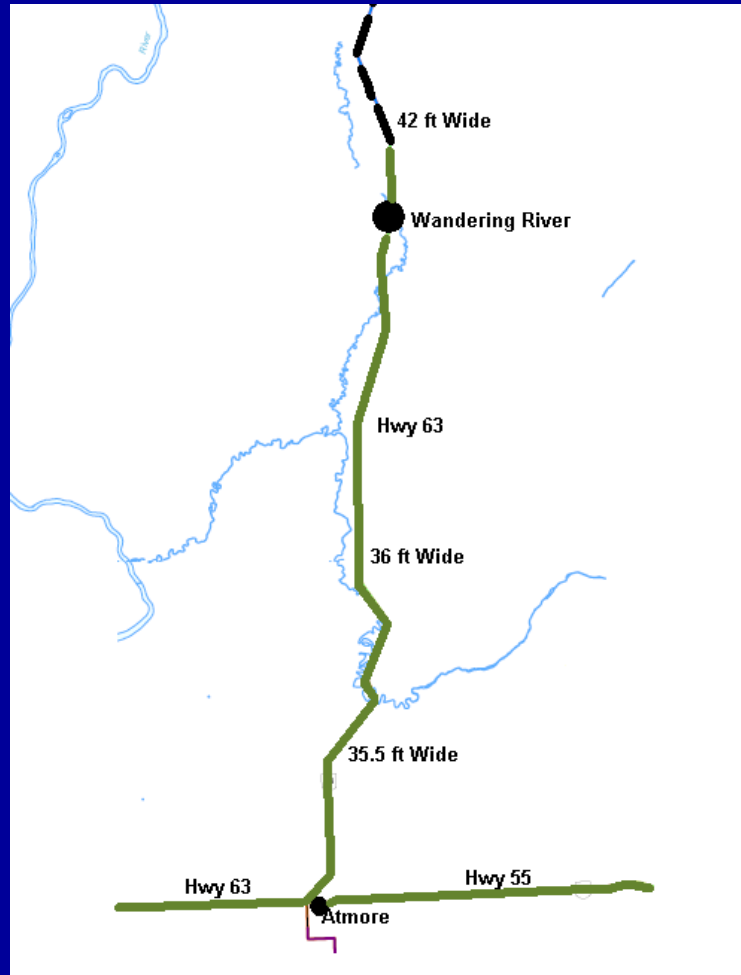
- Alberta Transportation Goals
 - Safety
 - Accommodate other traffic
 - Protect infrastructure
 - Facilitate the movement of goods

SUPERLOADS

- Problem Areas
 - Narrow Highways
 - High Traffic Volumes
 - Natural Obstacles
 - Man Made Obstacles

NARROW HIGHWAYS

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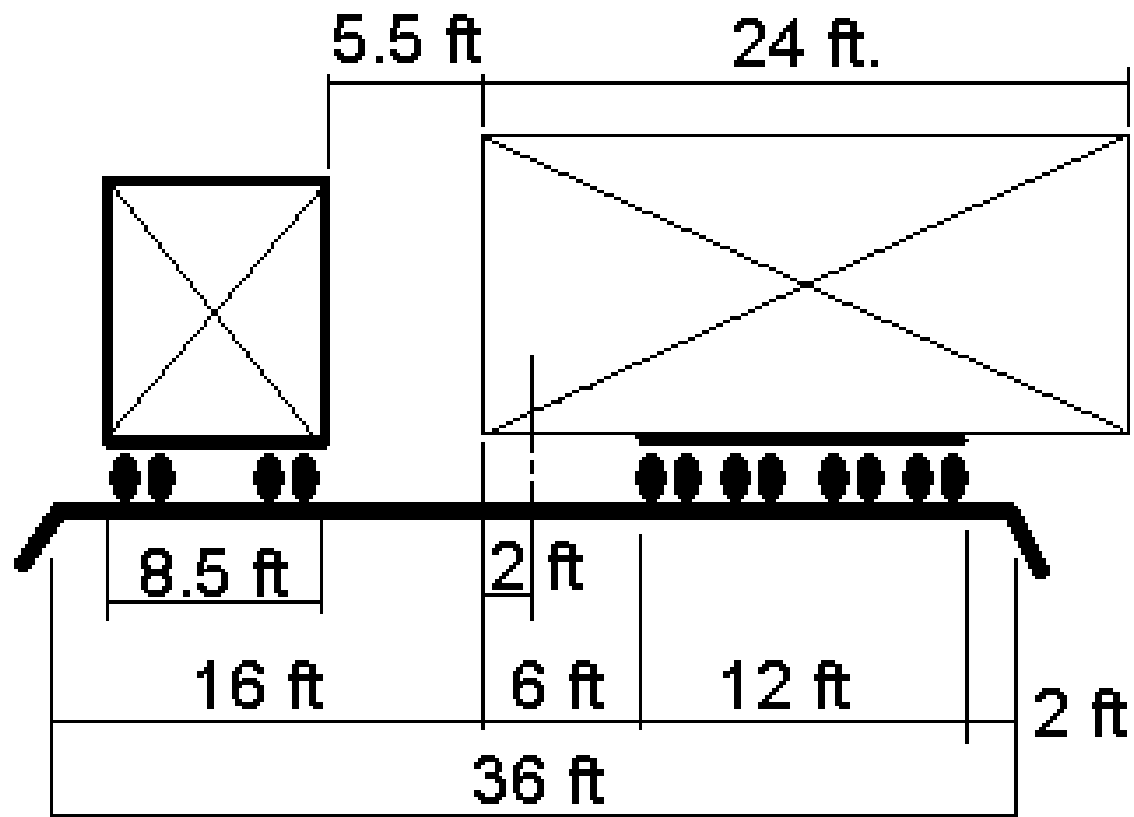


NARROW HIGHWAYS



12 ft lane + 6 ft shoulder = 36 ft roadway

NARROW HIGHWAYS



NARROW HIGHWAYS



NARROW HIGHWAYS



NARROW HIGHWAYS

2008.09.29 808:02:C1 DL:R1 km 2.931 JCT HWY 595:02 JCT HWY 11



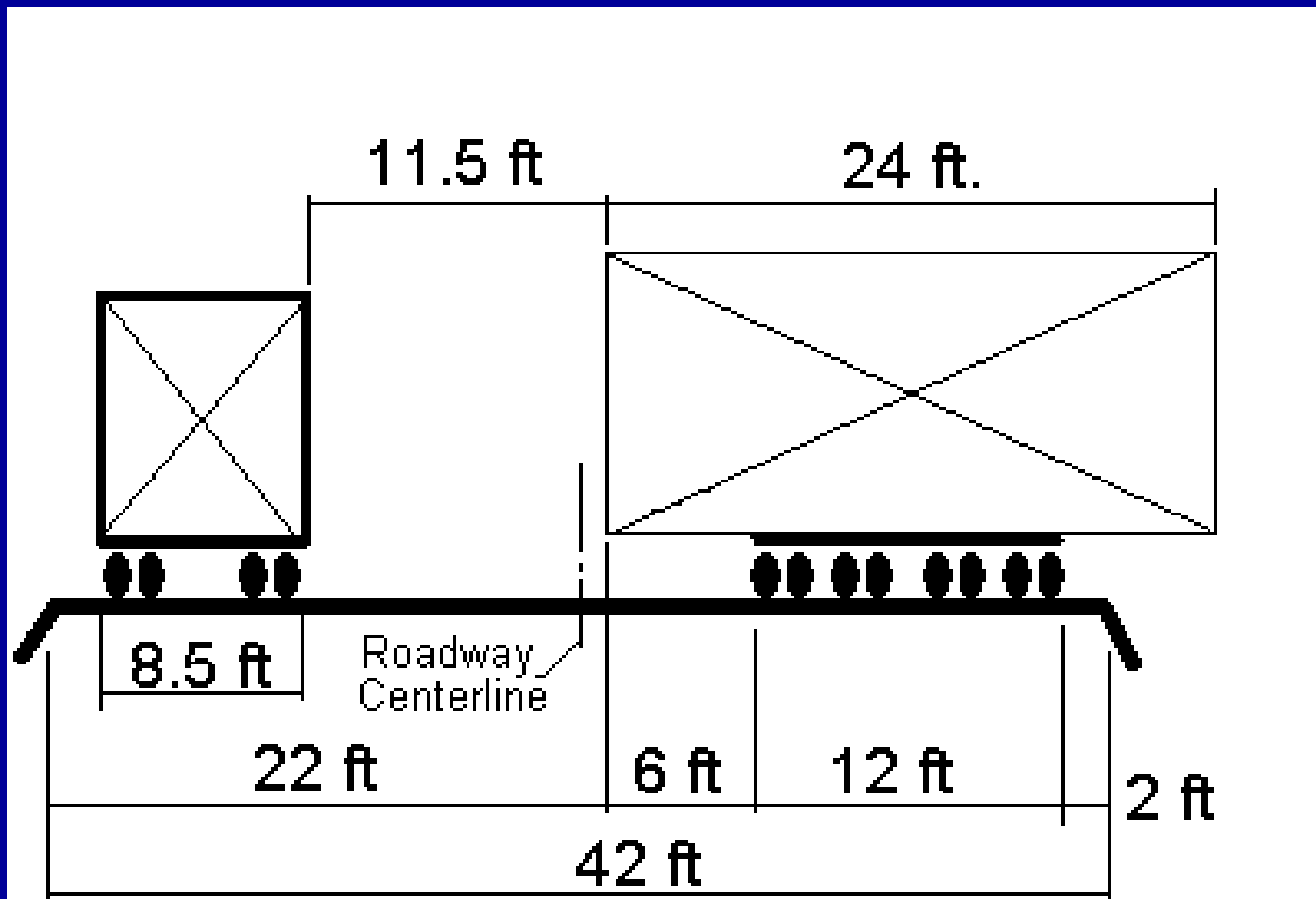
12 ft lane + 3 ft shoulder = 30 ft roadway

NARROW HIGHWAYS



12 ft lane + 9 ft shoulder = 42 ft roadway

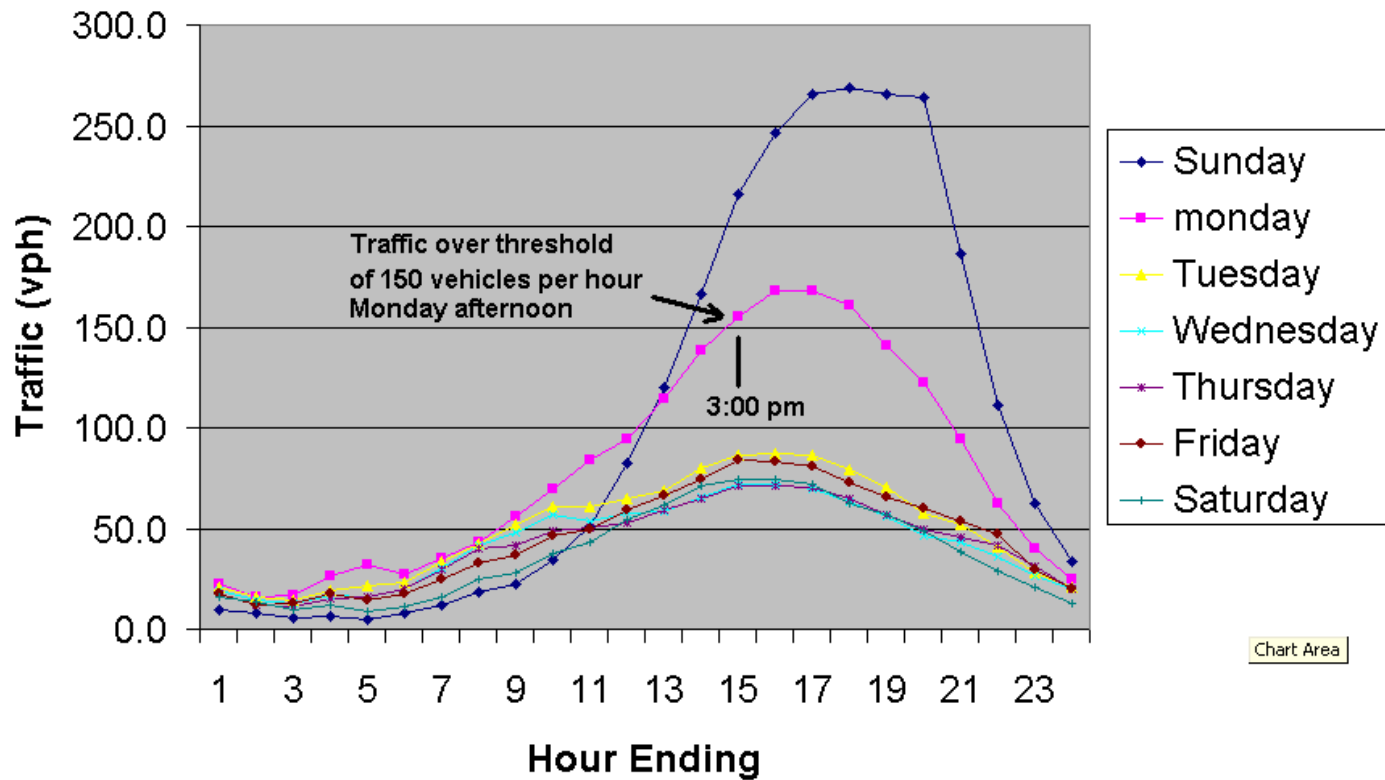
NARROW HIGHWAYS



TRAFFIC VOLUMES

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Northbound Traffic
Hwy 63 north of Jct 55 (Atmore)

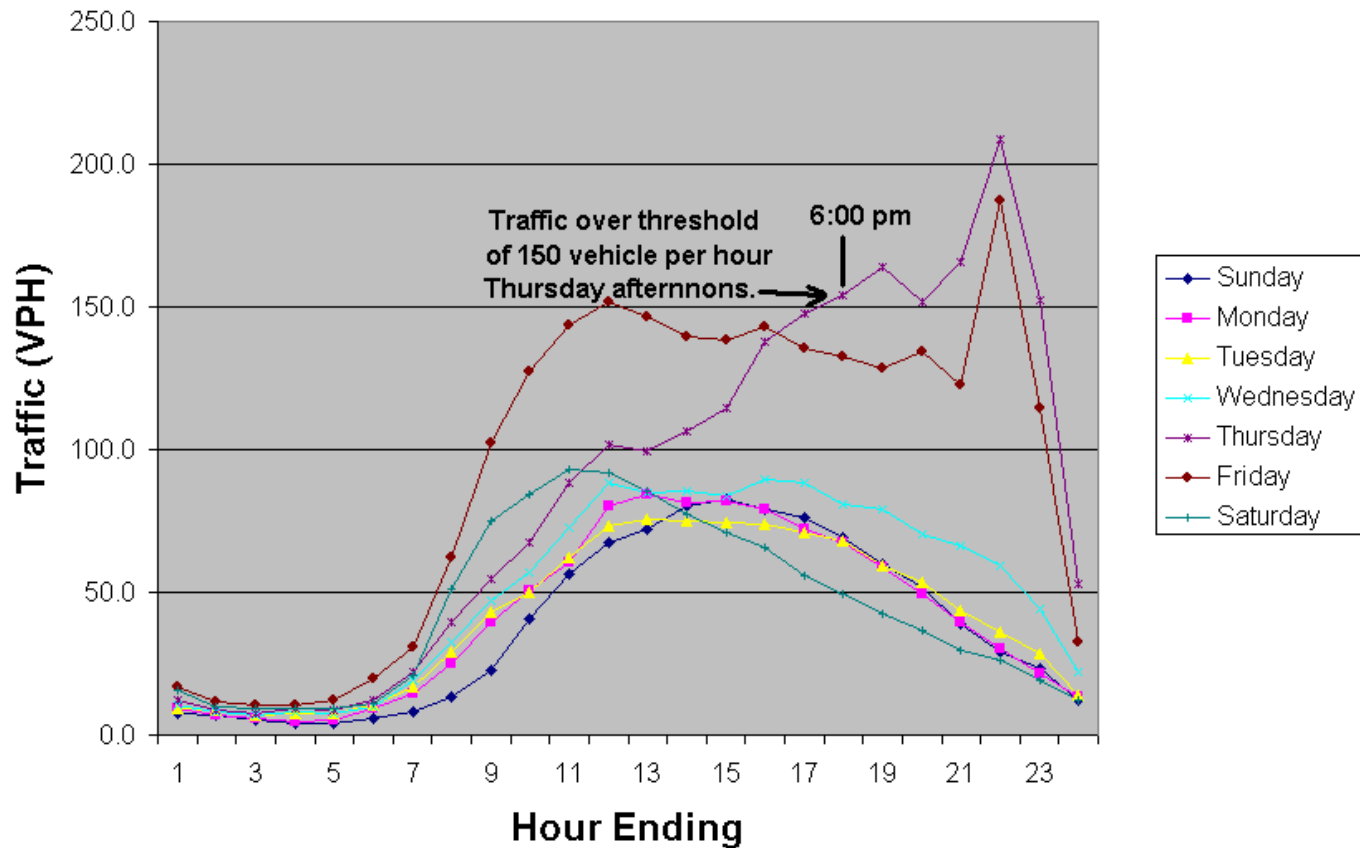


TRAFFIC VOLUMES

- Northbound traffic on Hwy 63
 - Peaks on Sunday and Monday afternoons and evenings.
 - Friday afternoon volumes are no different than remainder of the week.
 - Four lanes would not assist in moving wide loads on Sunday or Monday evenings.
 - Possible window on Sunday mornings.

TRAFFIC VOLUMES

Southbound Traffic
Hwy 63 north of Jct 55 (Atmore)



TRAFFIC VOLUMES

- Southbound on Hwy 63
 - Peaks on Thursday and Friday afternoons and evenings.
 - Four lanes would eliminate conflict with southbound traffic on Thursdays and Fridays.

NATURAL OBSTACLES

NATURAL OBSTACLES



NATURAL OBSTACLES



NATURAL OBSTACLES

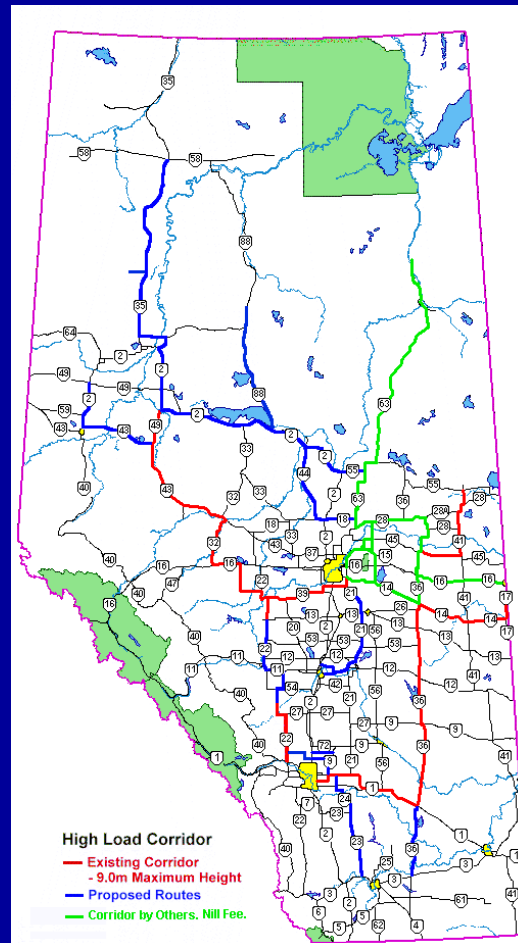


HIGH LOAD CORRIDOR

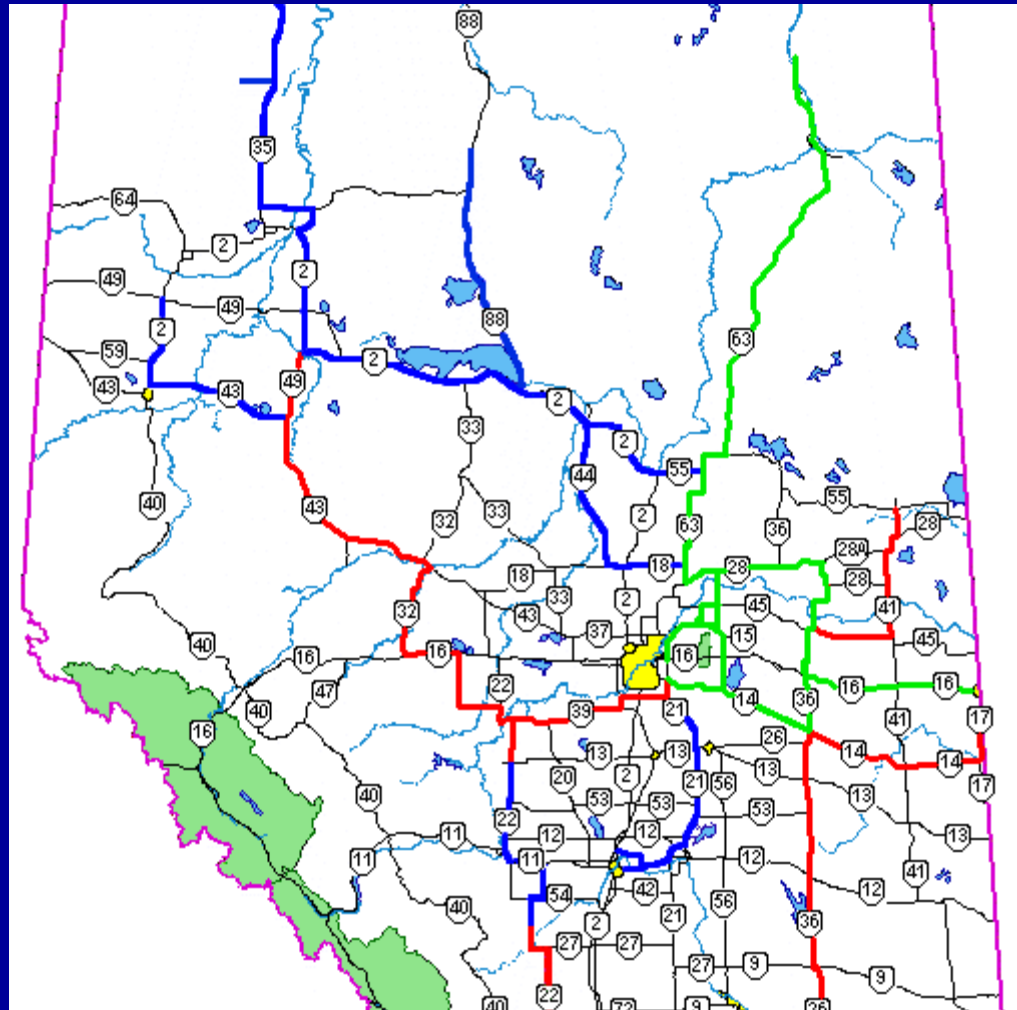
HIGH LOAD CORRIDOR

- The high load corridor is a network of highways where the utility lines have been permanently raised to accommodate loads up to 9.0 metres in height.
- The initial cost of the corridor is covered by the department but is recovered in the form of user fees.
- A portion of the corridor is fee exempt as industry had paid the initial cost.

HIGH LOAD CORRIDOR



HIGH LOAD CORRIDOR

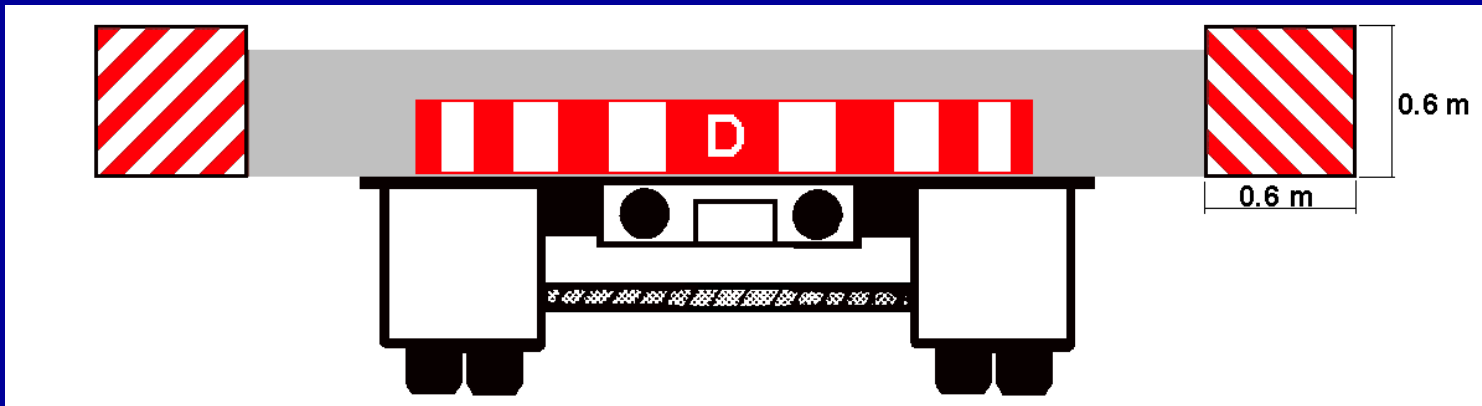


HIGH LOAD CORRIDOR

- High load corridor also includes the construction of pullouts and staging areas.
 - Two Hills
 - Lamont

SAFETY FEATURES

SAFETY FEATURES



SAFETY FEATURES

