



Montana Department of Transportation
PO Box 201001
Helena, MT 59620-1001

Memorandum

To: Distribution

From: Paul Ferry, P.E.
Highways Engineer

Date: October 6, 2008

Subject: Fog Seal
Isolation Lifts

Fog Seal

In a memo dated December 28, 2007 we determined that a newly paved surface should receive a fog seal if the surface was going to receive a chip seal in the same season (not be left unsealed over a winter). Since that time, the Materials Bureau has extended the warranty requirement for chip seals. They have determined that the longer warranty will provide the same results as a fog seal. Therefore, a fog seal is no longer needed when a new pavement receives a chip seal in the same construction season.

As a consequence, the fog seal quantity will be eliminated from plans.

Isolation Lifts

To help construction personnel more easily track quantities in the field, Construction has requested that the following changes be made to the way isolation lift information is shown in the plans:

- On the Typical Section, show the isolation lift as a separate lift and show the isolation lift quantities separately
- In the Surfacing Summary provide separate columns for the plant mix and asphalt cement used in the isolation lift. Provide subtotals for these quantities. These quantities will be combined with the other plant mix and asphalt cement quantities for the final totals.
- Refer to the attached sample sheets for the changes to the Typical Section and Surfacing Summary.

The fog seal quantity will be eliminated and the change to the way isolation lifts are shown will be added to all applicable projects beginning with the January 2009 letting.

If you have questions concerning this, please contact me at 444-6244.

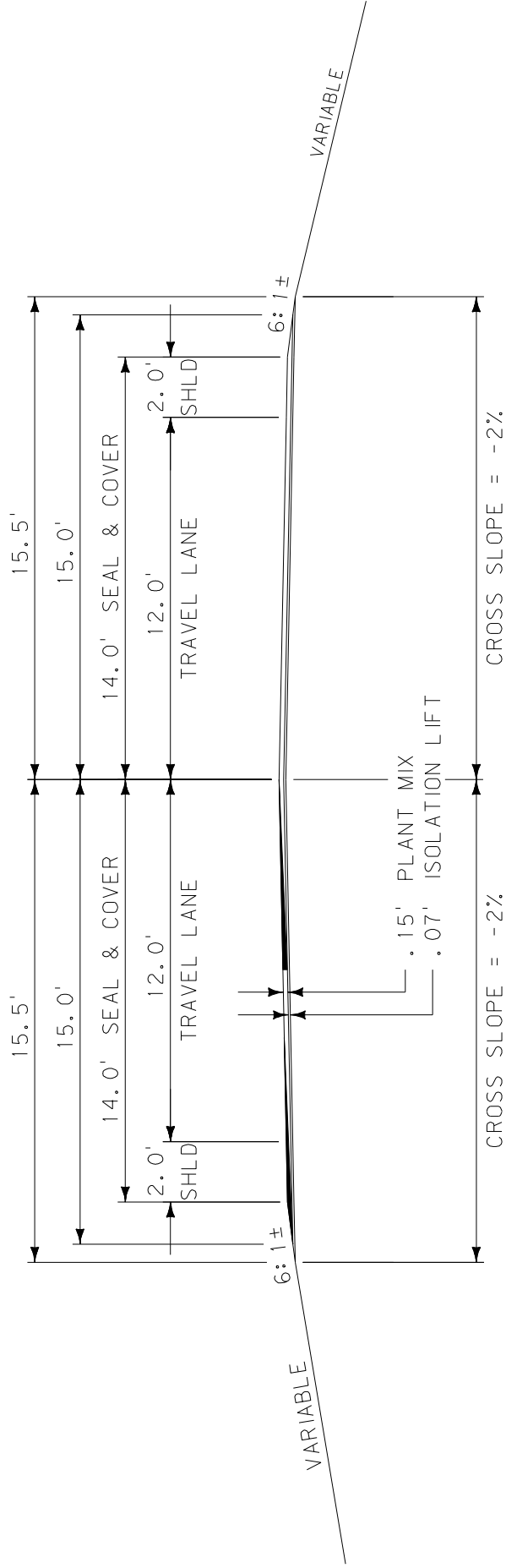
Pf.

Attachment

Distribution:

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TYPICAL SECTION NO. 1



QUANTITIES

UNIT	AGGREGATE			UNIT	BITUMINOUS MATERIAL		
	COVER	PLANT MIX	PLANT MIX ISO. LIFT		ASPHALT CEMENT	ASPHALT CEMENT ISO. LIFT	SEAL
AREA square feet		4.35	2.14	square yards PER STATION	1.67	0.82	3.11
cubic yards PER STATION		16.1	7.9	tons PER STATION			0.53
tons PER STATION		31.0	15.2	gallons PER STATION			
square yards PER STATION	311						

