



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

Memorandum

To: Distribution

From: Paul Ferry, P.E. **signed by PF on 10/16/14**
Highways Engineer

Date: October 16, 2014

Subject: Obliterate Roadway – Use/Disposal of Existing Plant Mix

A memo dated March 19, 2014 discussed various issues with the obliteration of existing roadways. The memo also noted that the Department of Environmental Quality (DEQ) had determined that in some respect, plant mix is a hazardous material. Consequently, the old plant mix could no longer be buried next to the old roadway, which was a common practice in the past. The DEQ further determined that the old plant mix from an obliterated roadway could be used in the new roadway construction.

MDT's Hazardous Waste Section Supervisor has determined that the removed asphalt material can be used for the following road construction purposes:

- Crushed Aggregate Course
- Digout backfill material
- Shoulder gravel
- Recycled asphalt pavement (RAP)
- Special borrow
- Subgrade fill material

When used for these purposes it must be blended in the appropriate proportions as determined by the Materials Bureau.

Another factor to be considered is that since asphalt is a degradable material, it must not be placed in a position where it could be affected by fluctuating ground water levels. Thus, use of the material in the foundation of a road must consider seasonal ground water fluctuations and must be located to ensure the asphalt material is above the highest anticipated seasonal saturation level of the foundation. Consequently, if it is used as special borrow it cannot be used as special borrow that is placed as a foundation treatment over wet areas. When it is used as fill it should be placed in the upper section of the fill and covered by at least a foot of "normal" embankment material to prevent degradation and leaching.

If the asphalt material cannot be put to a beneficial use on the project, it should become the property of the contractor or it must be disposed of in a Class 2 landfill.

If you have questions concerning this information, please contact Paul Ferry.

Copies:

Lesly Tribelhorn,	Highways Design Engineer
Damian Krings,	Road Design Engineer
Shane Stack,	Preconstruction Engineer – Missoula District
Dustin Rouse,	Preconstruction Engineer – Butte District
Steve Prinzing,	Preconstruction Engineer – Great Falls District
Gary Neville,	Preconstruction Engineer – Billings District
Jim Frank,	Preconstruction Engineer – Glendive District
Paul Jagoda,	Construction Engineering Services Engineer
Lisa Durbin,	Construction Administration Services Engineer
Suzy Price,	Supervisor – Contract Plans Bureau
Ryan Dahlke,	Consultant Design Engineer
Bryan Miller,	Consultant Design Bureau
John Cornell,	Road Plans Checker
Kevin Farry,	Road Plans Checker
Jerry Sabol,	Road Plans Checker