

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

Memorandum

To:

Distribution

From:

Paul Ferry, P.E. Highways Engineer

Date:

September 14, 2009

Subject:

Type B - Portable Scale Sites

Dimension Revision

MCS has requested that the dimension where the tapers intersect the roadway shoulder on the Type B Portable Scale Site be changed from 300 ft (91.2 m) to 500 ft (152.4 m). See the attached figure. The change is due to the increased lengths of commercial trucks.

MCS has also indicated that the installation of the concrete pad can be optional for the Type B site, with the decision to be made at the district level.

The changes will be made to the Road Design Manual, but the 500-foot length should be used in the interim. If you have questions concerning this, please contact me at 444-6244.

Pf.

Attachment

Distribution:

Lesly I ribelhorn,	Highways Design Engineer	
Damian Krings,	Road Design Engineer	. "
Duane Williams	Traffic & Safety Engineer	44
Tim Conway,	Acting Consultant Design Engineer	u
Suzy Price,	Supervisor – Contract Plans Bureau	ee
Jim Frank,	Glendive District Engineering Services Supervisor	tt
Gary Neville,	Billings District Engineering Services Supervisor	66
Joe Olsen,	Butte District Engineering Services Supervisor	44
Shane Stack,	Missoula District Engineering Services Supervisor	u
Steve Prinzing,	Great Falls District Engineering Services Supervisor	65
John Cornell,	Road Plans Checker	u
Kevin Farry,	Road Plans Checker	EE
Chris Clearman	Contract Plans Bureau	u
Bryan Vieth	Consultant Design Bureau	"
Mark Moberly,	Chief, Enforcement Bureau, MCS Division	u

Figure 18.5B

TYPICAL PORTABLE SCALE SITE (Type "B")

12.0 ft. (3.6 m) 12.0 ft. (3.6 m) SHOULDER 84 ft. (25.5 m) 28 ft. (8.5 m) 84 ft. (25.5 m) 500 ft. (152,4) 12 ft. (3.6 m) 180 ft. (54.6 m) 4 ft. (1.2 m) 300 ft. (91.2 m) CONCRETE PAD
SEE FIGURE 18.5C 84 ft. (25.5 m) 84 ft. (25.5 m) - SHOULDER