title should be centered in this area to make room for the flying t logo

**Type of Report**

**PROJECT ###**

TITLE

**Type of Report**

**PROJECT ###**

by

for

oregon department of transportation

Research Section

555 13th Street NE, Suite 1

Salem OR 97301

and

Federal Highway Administration

1200 New Jersey Avenue SE

Washington, DC 20590

**Month Year**

Technical Report Documentation Page

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. 1. Report No. | 2. Government Accession No. | | | 3. Recipient’s Catalog No. | |
| 4. Title and Subtitle | | | | 1. Report Date   -month- -year- | |
| 1. Performing Organization Code | |
| 7. Author(s) | | | | 8. Performing Organization Report No. | |
| 9. Performing Organization Name and Address  Oregon Department of Transportation  Research Section  555 13th Street NE, Suite 1  Salem, OR 97301 | | | | 10. Work Unit No. (trais) | |
| 1. Contract or Grant No. | |
| 1. Sponsoring Agency Name and Address   Oregon Dept. of Transportation  Research Section Federal Highway Admin.  555 13th Street NE, Suite 1 1200 New Jersey Avenue SE  Salem, OR 97301 Washington, DC 20590 | | | | 1. Type of Report and Period Covered   \_\_\_\_\_\_\_ Report | |
| 1. Sponsoring Agency Code | |
| 1. Supplementary Notes | | | | | |
| 1. Abstract | | | | | |
| 17. Key Words | | 18. Distribution Statement  Copies available from NTIS, and online at [www.oregon.gov/ODOT/TD/TP\_RES/](http://www.oregon.gov/ODOT/TD/TP_RES/) | | | |
| 19. Security Classification (of this report)  Unclassified | 1. Security Classification (of this page)   Unclassified | | 21. No. of Pages  XXX | | 22. Price |

Technical Report Form dot f 1700.7 (8-72) Reproduction of completed page authorized  Printed on recycled paper

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SI\* (MODERN METRIC) CONVERSION FACTORS** | | | | | | | | | | | | | | | | |
| **APPROXIMATE CONVERSIONS TO SI UNITS** | | | | | | | | **APPROXIMATE CONVERSIONS FROM SI UNITS** | | | | | | | | |
| Symbol | | When You Know | Multiply By | | To Find | Symbol | | Symbol | | When You Know | Multiply By | | To Find | Symbol | | |
| **LENGTH** | | | | | | | | **LENGTH** | | | | | | | | |
| in | inches | | | 25.4 | millimeters | | mm | mm | millimeters | | | 0.039 | inches | | in | |
| ft | feet | | | 0.305 | meters | | m | m | meters | | | 3.28 | feet | | ft | |
| yd | yards | | | 0.914 | meters | | m | m | meters | | | 1.09 | yards | | yd | |
| mi | miles | | | 1.61 | kilometers | | km | km | kilometers | | | 0.621 | miles | | mi | |
| **AREA** | | | | | | | | **AREA** | | | | | | | | |
| in2 | square inches | | | 645.2 | millimeters squared | | mm2 | mm2 | millimeters squared | | | 0.0016 | square inches | | in2 | |
| ft2 | square feet | | | 0.093 | meters squared | | m2 | m2 | meters squared | | | 10.764 | square feet | | ft2 | |
| yd2 | square yards | | | 0.836 | meters squared | | m2 | m2 | meters squared | | | 1.196 | square yards | | yd2 | |
| ac | acres | | | 0.405 | hectares | | ha | ha | hectares | | | 2.47 | acres | | ac | |
| mi2 | square miles | | | 2.59 | kilometers squared | | km2 | km2 | kilometers squared | | | 0.386 | square miles | | mi2 | |
| **VOLUME** | | | | | | | | **VOLUME** | | | | | | | | |
| fl oz | fluid ounces | | | 29.57 | milliliters | | ml | ml | milliliters | | | 0.034 | fluid ounces | | fl oz | |
| gal | gallons | | | 3.785 | liters | | L | L | liters | | | 0.264 | gallons | | gal | |
| ft3 | cubic feet | | | 0.028 | meters cubed | | m3 | m3 | meters cubed | | | 35.315 | cubic feet | | ft3 | |
| yd3 | cubic yards | | | 0.765 | meters cubed | | m3 | m3 | meters cubed | | | 1.308 | cubic yards | | yd3 | |
| ~NOTE: Volumes greater than 1000 L shall be shown in m3. | | | | | | | |  |  | | |  |  | |  | |
| **MASS** | | | | | | | | **MASS** | | | | | | | | |
| oz | ounces | | | 28.35 | grams | | g | g | grams | | | 0.035 | ounces | | | oz |
| lb | pounds | | | 0.454 | kilograms | | kg | kg | kilograms | | | 2.205 | pounds | | | lb |
| T | short tons (2000 lb) | | | 0.907 | megagrams | | Mg | Mg | megagrams | | | 1.102 | short tons (2000 lb) | | | T |
| **TEMPERATURE (exact)** | | | | | | | | **TEMPERATURE (exact)** | | | | | | | | |
| °F | Fahrenheit | | | (F-32)/1.8 | Celsius | | °C | °C | Celsius | | | 1.8C+32 | Fahrenheit | | °F | |
| \*SI is the symbol for the International System of Measurement | | | | | | | | | | | | | | | | |

acknowledgements

I thank everyone!

Disclaimer

This document is disseminated under the sponsorship of the Oregon Department of Transportation and the United States Department of Transportation in the interest of information exchange. The State of Oregon and the United States Government assume no liability of its contents or use thereof.

The contents of this report reflect the view of the authors who are solely responsible for the facts and accuracy of the material presented. The contents do not necessarily reflect the official views of the Oregon Department of Transportation or the United States Department of Transportation.

The State of Oregon and the United States Government do not endorse products of manufacturers. Trademarks or manufacturers’ names appear herein only because they are considered essential to the object of this document.

This report does not constitute a standard, specification, or regulation.

Table of Contents

[1.0 Each chapter heading uses style Heading 1 1](#_Toc15395194)

[1.1 OVERVIEW (FIRST SUBSECTION) (STYLE – HEADING 2) 1](#_Toc15395195)

[1.1.1 Second level subsection as needed (Style - Heading 3) 1](#_Toc15395196)

[2.0 Chapter 2 3](#_Toc15395197)

[2.1 3](#_Toc15395198)

[2.1.1 3](#_Toc15395199)

[3.0 References 5](#_Toc15395200)

[Appendix A A-1](#_Toc15395201)

List of Tables

[Table 1.1: Tables are Left Aligned, Captioned and Title Goes above the Table (style: Table Title) 2](#_Toc529872501)

List of Figures

[Figure 1.1: Figures themselves used style: Figure, figure titles are captioned, title goes below the figure (style: Figure Title) 1](#_Toc529872502)

# Each chapter heading uses style Heading 1

Body Text 1/2/3 follows headings 1, 2, and 3.

## OVERVIEW (FIRST SUBSECTION) (STYLE – HEADING 2)

Body Text 1/2/3 follows headings 1, 2, and 3.

1. Numbered lists should be consistent throughout the document on their indentation according to body text used, numbering format, and how they are used.

### Second level subsection as needed (Style - Heading 3)

Body Text 1/2/3 follows headings 1, 2, and 3.

* Bulleted lists should be consistent throughout the document on their indentation according to body text used and how they are used

#### Third level subsection as needed (Style – Heading 4)

Body Text 4 follows heading 4.

1. Numbered lists should be consistent throughout the document on their indentation according to body text used, numbering format, and how they are used.

* Bulleted lists should be consistent throughout the document on their indentation according to body text used and how they are used

C:\Users\tdb154\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\I821A761\MC900299735[1].wmf

Figure 1.1: Figures themselves used style: Figure, figure titles are captioned, title goes below the figure (style: Figure Title) Note: If the figure reproduced from another work the authors must document permission, unless the table source has a Creative Commons license that allows reproduction.

Table 1.1: Tables are Left Aligned, Captioned and Title Goes above the Table (style: Table Title)

|  |  |
| --- | --- |
| Column and row headings in tables should be bolded and centered. (style – Table heading) |  |
|  | All text in tables need to be 12 point font and single line spacing (style – Table text) |
|  | Unless it cannot be avoided, tables should not wrap between multiple pages. |

Note: If the table is substantially reproduced from another work the authors must document permission, unless the table source has a Creative Commons license that allows reproduction.

# Chapter 2

## 

### 

# References

Appendix A

Appendix body starts here