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**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**

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| --- |
| **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!

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|  | 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. |

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# Chapter 2

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Appendix A

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