

Design Manual Errata

Use this page to display known technical errata that should be used now until they are incorporated into a subsequent revision. Please note that these errata do not exist in all versions of the *Design Manual*.

Page Updated: August 11, 2008

Chapter	Page	Location	Errata/Change	Date Listed
5	5.4(2)	Near Bottom	US Customary Example, changed 12.75 to 12.27 on example problem	July 14 2006
9	9.3(4)	Super Table	Change the maximum Radius for Metric table	January 9, 2007
4	4.3(5)	Sec 4.3.3 Item 4	Spelling - bases to basis	August 29, 2007
4	4.3(9)	Item 7 D	Change Rounding from four decimal points to two for US Customary and three for Metric	August 29, 2007
5	TOC	Sec 5.4.3 to Sec 5.4.10	Change Page numbers	August 29, 2007
5	5.1(3)	Item 5 Last paragraph	Spelling - them determine to then determined	August 29, 2007
5	5.2(19)	Sec.5.2.8 Item 2	Change select backfill to special backfill	August 29, 2007
5	5.2(18)	Sec 5.2.7		August 29, 2007
5	5.4(12)	Fig 5.4A both Frames	Remove rounding for Aggregate - Blotter - AREA(ft ²)	August 29, 2007
5	5.4(12)	Fig 5.4A both Frames	Change rounding for Aggregate - Blotter – Tons/Sta from 1 to 0.1	August 29, 2007
5	5.4(12)	Fig 5.4A metric Frame	Change rounding for Aggregate – Plant Mix – m ³ /Sta from 0.01 to 0.1	August 29, 2007
5	5.4(12)	Fig 5.4A both Frames	Change rounding for Cement – Portland Cement – Tons/Sta from 0.1 to 0.01	August 29, 2007
5	5.4(12)	Fig 5.4A both Frames	Change rounding for Cement – Fly Ash –Tons/Sta from 0.1 to 0.01	August 29, 2007
5	5.4(17)	Item 7 second paragraph	Added to end - 4% Cement and 1% Fly Ash can be used in place of 5% cement.	August 29, 2007
5	5.4(19)	Item 2 second paragraph	Remove second paragraph	August 29, 2007
5	5.4(46)	5.4.4.6 First paragraph	Changed - bridge decks, cattle guards to bridge decks, railroad crossing, cattle guards	August 29, 2007
5	5.4(46)	Figure 5.4P	Added Text railroad crossing , remove title BRIDGE END	August 29, 2007
5	5.4(48)	Example 5.4-4	Change 1 mile (km) to 1 mile (1.61 km)	August 29, 2007
5	5.4(49)	Metric Example	Changed rounding to two decimals	August 29, 2007
5	5.4(49)	Sec 5.4.4.9 last paragraph	Changed (metric) ton to cubic yard (cubic meter)	August 29, 2007
5	5.4(50)	Sec 5.4.4.9 first paragraph	Changed (metric) ton to cubic yard (cubic meter)	August 29, 2007

Chapter	Page	Location	Errata/Change	Date Listed
10	10.5(2)	Figure 10.5A US Customary frame	Removed text Minimum and Desirable	August 29, 2007
10	10.5(6)	Figure 10.5C Metric frame	Change calculated K-values for Design Speed 110 & 120 from 62.8 & 72.7 to 54.4 & 62.8 respectively	August 29, 2007
12	12(21)	Figure 12-6 , Earth Cut Section, Back Slope Cut Depth	Change from 3.0M - 6.0m to 3.0M – 4.5m	August 29, 2007
14	14.2(14)	Figure 14.2G	Change CLEAR ZONE = 32' to CLEAR ZONE = 28'	August 29, 2007
14	14.2(15)	Section 4 C	Change Adding 8' to 24' to Adding 8' to 20' and 32' to 28'	August 29, 2007
14	14.4(12)	Unflared Design equation	$Y = \frac{L_0 - L_2}{\tan 5^\circ} \text{ to } X = \frac{L_0 - L_2}{\tan 5^\circ}$	August 29, 2007
4	4.1(2)	4.1.2.1 Item 9 d	Added note to mass diagram - d.mass diagram. (not included in final construction plans)	July 18, 2008
4	4.3(16)	4.3.9.1 item 6	Added note to mass diagram - d.mass diagram. (not included in final construction plans)	July 18, 2008
4	4.3(16)	4.3.9.1 paragraph 3	Change Construction to Preliminary - mass diagram detail sheet is included in the preliminary plans	July 18, 2008
12	12(4) 12(5) 12(7) 12(8) 12(12) 12(13) 12(17) 12(18) 12(23) 12(24) 12(27) 12(28)	Figure 12.-2 Figure 12.-3 Figure 12.-4 Figure 12.-5 Figure 12.-6 Figure 12.-7 Figure 12.-8 Figure 12.-9 Earth Cut Section	Clarified Inslope as a Ditch Inslope	July 18, 2008
12	12(17) 12(18)	Figure 12-5 Roadway Elements	Clarify ADT as Current, Remove Design Year – Design Year Traffic	July 18, 2008
12	12(23) 12(24) 12(27) 12(28)	Figure 12-7 Figure 12-8 Earth Cut Slopes Ditch Inslope 2-Lane Uncurbed	Added (Des\4:1 Min) - 6:1(Des\4:1 Min)	July 18, 2008
12	12(23) 12(24) 12(27) 12(28)	Figure 12-7 Figure 12-8 Earth Cut Slopes Ditch Inslope Multi-Lane Uncurbed	Added (Des\4:1 Min) - 6:1(Des\4:1 Min)	July 18, 2008
12	12(31)	Figure 12-9 Earth Cut Section Ditch Inslope Design Criteria Uncurbed	Change 6:1 to 4:1	July 18, 2008
12	12(7)	Figure 12-3 Alignment Elements Min Radius 70 MPH	Changed 1820' to 1810'	August 11, 2008

