

Figure 3-3

Figure 3-4

Table of FDOT Wall Types																						
Wall Type ¹	Proprietary QPL Item	Settlement Category	Design Settlement Limitations		Durability Category	Durability Factors			Other Allowable Wall Types ⁷													
			Total Settlement ²	Differential Settlement ³		Typical Wall Construction	Concrete Cover	Concrete Class	Calcium Nitrate	Soil Strap Type	1A	1B	1C	1D	2A	2B	2C	2D	2E	2F		
Type 1	No					Project Specific																
Type 1A						II			No													
Type 1B		1	<= 2"	and <= 0.1% and Cantilever, Gravity, and Counterfort Walls	B	IV			No													
Type 1C	Yes				C	IV			No													
Type 1D ⁴					D	IV			Yes													
Type 2	No					Project Specific																
Type 2A					A	II ⁵			No													
Type 2B					B	IV ⁵			No													
Type 2C		2	<= 6"	and <= 0.5% and MSE Walls	D	IV ⁵			No													
Type 2D	Yes				E	IV ⁶			Yes													
Type 2E					F	IV ⁶			No													
Type 2F ⁴					G	IV ⁶			Yes													
Type 3	Yes	3	n/a	<= 2.0% and Temporary Walls		n/a																n/a

- 1 - Listed in the Plans; Wall Type combines both Settlement Limitations and Durability Factors.
- 2 - Amount of wall settlements that will occur in its design life and includes both short and long term settlements. Short term settlements occur during wall construction and may contain elastic deformation and densification settlement. Long term settlements continue after completion of the wall and may include consolidation and secondary consolidation/creep settlements.
- 3 - Settlements along the alignment of and perpendicular to the wall face; usually are not uniform. Expansion joints for cast-in-place walls and slip joints for MSE walls are provided to control wall and wall panel cracks, respectively.
- 4 - Includes all underground walls and walls submerged in water
- 5 - For concrete requirements, see Specification Section 346 using slightly aggressive environment
- 6 - For concrete requirements, see Specification Section 346 using extremely aggressive environment
- 7 - "Other Allowable Wall Types" listed with an "X", have Settlement Limitations and Durability Factors greater than those required by the "Wall Type" (Column 1)