

17-4.02(01) Subgrade-Treatment Types [Rev. Jan. 2011, Mar. 2014]

For each of the subgrade treatment types described below, the contractor is to choose from the applicable options for each type. Where subgrade treatment other than that described here below is recommended by the Office of Geotechnical Services, a special provision should be prepared.

The subgrade treatment methods are as follows:

1. Type I. This treatment consists of The contractor's options are as follows:
 - a. 14 in. chemical soil modification;
 - b. 12 in. of the subgrade excavated and replaced with coarse aggregate No. 53; or
 - c. 24 in. of soil compacted to density and moisture requirements.
2. Type IA. Type IA has been deleted from the *Standard Specifications*. The contractor's options are as follows:
 - a. 14 in. chemical soil modification; or
 - b. 12 in. of the subgrade excavated and replaced with coarse aggregate No. 53.
3. Type IB. This treatment consists of 14 in. chemical soil modification.
4. Type IC. This treatment consists of 12 in. of subgrade excavated and replaced with coarse aggregate No. 53.
5. Type II. This treatment consists of The contractor's options are as follows:
 - a. 8 in. chemical soil modification;
 - b. 6 in. of the subgrade excavated and replaced with coarse aggregate No. 53; or
 - c. 12 in. of soil compacted to density and moisture requirements.
6. Type IIA. This treatment consists of The contractor's options are as follows:
 - a. 8 in. chemical soil modification; or
 - b. 6 in. of the subgrade excavated and replaced with coarse aggregate No. 53.
7. Type III. This treatment consists of The contractor's options are as follows:
 - a. 6 in. of soil compacted to density and moisture requirements; or
 - b. 6 in. of the subgrade excavated and replaced with coarse aggregate No. 53.
8. Type IIIA. Type IIIA has been deleted from the *Standard Specifications*. This treatment consists of 6 in. of the subgrade excavated and replaced with coarse aggregate No. 53.

9. Type IV. This treatment consists of 12 in. of the subgrade excavated and replaced with coarse aggregate No. 53 on Type IB geogrid.
10. Type V. This treatment consists of 3 in. of subgrade excavated and replaced with 3 in. coarse aggregate No. 53.