

#### GRADING.

The roadbed shall be graded to a width of twenty *two* feet and shall have a uniform curvature, being six (6) inches higher in the center than at the edges, and shall conform to stakes to be set by the engineer in charge of the construction and to the cross section, as shown on profile filed herewith and made a part of these specifications. Where no change of grade is shown on the profile, the surface of the road shall be neatly dressed up, as the engineer may require, to a width of twenty *two* (.....) feet. The graded roadbed shall be completed and accepted by the superintendent or engineer one-half ( $\frac{1}{2}$ ) mile in advance of the graveling.

Ditches shall be constructed on both sides of the roadbed and shall be one (1) to one (1) and be cut to such grade and be provided with such outlet as the engineer may require. The cost of such drains has been estimated in grading and in no case will additional compensation be allowed therefor.

#### GRAVEL.

The gravel shall be of good quality, free from large stones and dirt and shall be subject to the approval of the engineer. Gravel must be dumped between boards ten (10) feet apart and seven and one-half ( $7\frac{1}{2}$ ) inches deep and shall be fourteen (14) inches deep in the center and to take its natural slope when boards are removed, and in quantity equal to five and one-half ( $5\frac{1}{2}$ ) cubic yards per lineal rod of the road. Where said road intersects with other roads, an additional amount of gravel shall be placed in such manner as the engineer may direct in order to make the proper approaches. The amount will be five cubic yards to each intersection and has been included in the estimate. After the entire road has been graveled, it shall be gone over, and all defects, either in quality or quantity of gravel, shall be remedied to the satisfaction of the engineer, and the gravel shall be gone over with a grader and dressed up and the stones raked off so that the road shall be in perfect condition when received.

Extra gravel, to the amount of 100 cubic yards has been included in the estimate to be used as the engineer may direct.

#### CULVERTS.

At points indicated on profile, culverts or cross drains shall be placed. These culverts shall be ~~corrugated metal culverts~~ of

*trifurcated tile or concrete as shown on profile. Where trifurcated tile are shown they must be enclosed at least 2" in concrete.*

*Gravel to be from the Annis pit 1 1/2 miles south east of the south end of Road. Average haul about 2 1/4 miles.*