

CELL SPECIFIC SOILS AND CONSTRUCTION NOTES

TEST EQUIPMENT

MNROAD OPERATIONS REQUIRES 6 WORKING DAYS ON THE FINISHED SUBGRADE FOR THE INSTALLATION OF CONDUIT AND INSTRUMENTATION. ANOTHER 4 WORKING DAYS IS REQUIRED ON THE FINISHED BASE FOR INSTALLATION OF INSTRUMENTATION. DURING THE PAVING OPERATION THE CONTRACTOR SHALL COORDINATE WITH MNROAD OPERATIONS FOR THE INSTALLATION OF PAVEMENT SENSORS.

GRADING

TOPSOIL - THE TOPSOIL SHALL BE SALVAGED, PULVERIZED AND SUBSEQUENTLY PLACED ON THE DISTURBED AREAS AS SHOWN IN THE TYPICAL SECTIONS.

GRADING GRADE IS DEFINED AS THE BOTTOM OF THE CLASS 5 AGGREGATE BASE.

SELECT GRADING MATERIAL SHALL BE ANY GRANULAR SOIL ENCOUNTERED IN EXCAVATION OR BORROW AREAS MEETING THE REQUIREMENTS OF SELECT GRANULAR BORROW, SPEC. 3149.2B2.

SUITABLE GRADING MATERIAL IS ANY MINERAL SOIL ENCOUNTERED IN THE EXCAVATION OR BORROW AREAS MATCHING THE TEXTURAL CLASS IN THE AREAS OF CONSTRUCTION NOT DEFINED AS UNSUITABLE.

UNSUITABLE MATERIAL IS DEFINED AS DEBRIS, PEAT, MUCK, TOPSOIL, CLAY, SILT, LOAM, MARL OR OTHER ORGANIC MATERIAL.

THE BOTTOM OF THE SUBCUT SHALL BE SHAPED AND COMPACTED BY THE QUALITY COMPACTION METHOD WITH A MINIMUM OF 4 PASSES OF AN APPROVED ROLLER.

EXCESS MATERIALS AND ALL MATERIALS NOT DESIGNATED FOR SALVAGE AND ALL DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF OFF THE R/W IN ACCORDANCE WITH MN/DOT SPEC. 2104.

UNSUITABLE MATERIAL MAY NOT BE PLACED WITHIN THE 1:1.5 SLOPE OUTWARD AND DOWN FROM THE GRADING SHOULDER P.I. OR WITHIN THE UPPER 4' OF THE SUBGRADE.

PROVIDE 1(V) TO 1(H) TAPER WHERE CONNECTING TO ADJACENT MAINLINE. PROVIDE 1(V) TO 1(H) TAPER WHERE MATCHING CROSSROADS.

COMPACTION REQUIREMENTS

GRADING MATERIALS
 AGG. BASE CLASS 5
 AGG. SHLD. MATERIALS

QUALITY COMPACTION METHOD
 PENETRATION INDEX COMPACTION METHOD
 QUALITY COMPACTION METHOD



