

ITEM 204 SUBGRADE COMPACTION AND PROOF ROLLING

CONSTRUCT THE SUBGRADE AS FOLLOWS AND IN THE FOLLOWING SEQUENCE:

1. SHAPE THE SUBGRADE TO WITHIN 0.2 FEET OF THE PLAN SUBGRADE ELEVATION.
2. EXCAVATE AND REPLACE UNSUITABLE SUBGRADE BEFORE PROOF ROLLING. WHERE SUBGRADE SOILS FOUND TO BE UNSTABLE, NON-ORGANIC SOILS SHOULD BE OVER EXCAVATED 6 TO 12 INCHES AND BACKFILLED WITH ITEM 703.16.C, TYPE B GRANULAR UNDERLAIN BY GEOTEXTILE FABRIC.
3. COMPACT THE SUBGRADE ACCORDING TO 204.03.
4. THE ENGINEER WILL IDENTIFY THE ACTUAL LIMITS OF EXCAVATION FOR UNSTABLE SUBGRADE BASED ON THE PROOF ROLLING RESULTS AND VISUAL OBSERVATIONS. PROOF ROLL THE COMPACTED SUBGRADE ACCORDING TO 204.06.
5. EXCAVATE UNSTABLE SUBGRADE AS DIRECTED BY THE ENGINEER AND STABILIZE BY REPLACING WITH THE SPECIFIED MATERIALS ACCORDING TO 204.07. EXCAVATION WILL EXTEND 18" BEYOND THE EDGE OF THE SURFACE OF THE ROADWAY. WHERE SUBGRADE SOILS FOUND TO BE UNSTABLE, NON-ORGANIC SOILS SHOULD BE OVER EXCAVATED 6 TO 12 INCHES AND BACKFILLED WITH ITEM 703.16.C, TYPE B GRANULAR UNDERLAIN BY GEOTEXTILE FABRIC.
6. PROOF ROLL THE STABILIZED AREAS ACCORDING TO 204.06 TO VERIFY STABILITY.
7. FINE GRADE THE SUBGRADE TO THE SPECIFIC GRADE.

FOR ESTIMATING PURPOSE, THE BELOW CONTINGENT QUANTITIES ARE FOR THE ROADWAY AND ASSUMED AN AVERAGE OF 12" OF SOIL OVER EXCAVATED AND THE FOLLOWING QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY:

ITEM 204, EXCAVATION OF SUBGRADE.....	4465 C.Y.
ITEM 204, GRANULAR MATERIAL, TYPE B.....	4465 C.Y.
ITEM 204, PROOF ROLLING.....	7 HOURS
ITEM 204, GEOTEXTILE FABRIC.....	13400 S.Y.

ITEM 638 WATER MAIN, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 638 WATER MAINS AND SERVICE BRANCHES, EXCEPT AS HEREIN MODIFIED.

ALL MATERIALS, PROCEDURES, AND TESTING USED SHALL CONFORM TO VILLAGE ENGINEERING STANDARDS AND SPECIFICATIONS.

THE CONTRACTOR WILL PERFORM THE CHLORINATION AND BACTERIA TESTING. ADD A TEMPORARY 3/4" CTS PLASTIC SERVICE BRANCHES, UNLESS OTHERWISE SHOWN, WITH TAPPING SADDLES, COMPRESSION FITTINGS, AND CORPORATION STOPS NEAR ALL WATER MAIN CONNECTIONS FOR INSERTION OF CHLORINE BY CONTRACTOR.

IF THE EXISTING DITCH IS DISTURBED DURING THE WATER MAIN INSTALLATION THE CONTRACTOR IS RESPONSIBLE TO RESTORE THE DITCH GRADES TO ENSURE POSITIVE DRAINAGE.

PAYMENT FOR ITEM 638 WATER MAIN, AS PER PLAN, FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACT FOOT BID PRICE, MEASURED HORIZONTALLY, AND SHALL INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

ITEM 638 WATER SERVICE BRANCH, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 638 WATER MAINS AND SERVICE BRANCHES, EXCEPT AS HEREIN MODIFIED.

THE PROPOSED SERVICES SHALL CONSIST OF FURNISHING AND INSTALLING MINIMUM 1" CTS PLASTIC SERVICE BRANCHES, AND SHALL INCLUDE NEW TAPPING SADDLES, COMPRESSION FITTINGS, CORPORATION STOPS, METER PIT, AND CONNECTION TO THE EXISTING SERVICE AT THE METER PIT AS SHOWN ON THE PLANS.

VILLAGE TO PROVIDE METER PIT, METER, AND LID, CONTRACTOR TO INSTALL, REMOVE EXISTING METER PIT, AND RECONNECT SERVICE.

PAYMENT FOR ITEM 638 WATER SERVICE BRANCH, AS PER PLAN, FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACT FOOT BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

ITEM SPECIAL DARK GREEN TRACK COATING

THIS WORK SHALL INCLUDE THE APPLICATION OF "DARK GREEN" FORTIFIED PLEXIPAVE OR "DARK GREEN" ADVANTAGE LAYKOLD TDS, OR EQUIVALENT. THE "DARK GREEN" FORTIFIED PLEXIPAVE IS MANUFACTURED BY CALIFORNIA PRODUCTS CORPORATION, 150 DASCOMB ROAD, ANDOVER, MASSACHUSETTS 01810 USA, PHONE NUMBER: 978-623-9980. THE "DARK GREEN" ADVANTAGE LAYKOLD TDS IS MANUFACTURED BY ADVANCED POLYMER TECHNOLOGY CORPORATION, 109 CONICA LANE, HARMONY, PENNSYLVANIA 16037, PHONE NUMBER: 724-452-1330.

INSTALLATION SHALL INCLUDE 3 APPLICATIONS OF EITHER PRODUCT ACCORDING TO MANUFACTURERS INSTALLATION GUIDELINES.

PAYMENT FOR ITEM SPECIAL DARK GREEN TRACK COATING FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACT SQUARE FOOT BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

ITEM 611 CONDUIT, MISC.: PLUG EXISTING CONDUIT

THIS ITEM SHALL CONSIST OF THE CONSTRUCTION OF BULKHEADS IN EXISTING CONDUIT.

BULKHEADS SHALL BE LOCATED AT THE LIMITS OF THE AREA INDICATED ON THE PLANS. THE BULKHEADS SHALL CONSIST OF BRICK OR CONCRETE MASONRY WITH A MINIMUM THICKNESS OF 12 INCHES.

PAYMENT FOR ITEM 611 CONDUIT, MISC.: PLUG EXISTING CONDUIT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACT EACH BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

ITEM 661 MULCH, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF THE WORK AS DESCRIBED IN OHIO DEPARTMENT OF TRANSPORTATION ITEM 661 PLANTING TREES, SHRUBS, PERENNIALS AND VINES, EXCEPT AS HEREIN MODIFIED.

CONTRACTOR IS TO ENSURE ALL TREES TO REMAIN WITHIN THE PROJECT LIMITS HAVE 4" OF BROWN MULCH 2' OUTSIDE OF EACH SIDE OF THE TREE BEFORE CONSTRUCTION. DURING CONSTRUCTION CONTRACTOR IS TO ENSURE THE 4" OF MULCH REMAINS AROUND THE REMAINING TREES. AFTER CONSTRUCTION IS COMPLETE THE CONTRACTOR MAY NEED TO REAPPLY MULCH TO ENSURE THAT THERE IS 4" OF MULCH REMAINING AROUND THE TREES.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR USE AS DIRECTED BY THE CONSTRUCTION ENGINEER FOR THE WORK NOTED ABOVE:

ITEM 661 MULCH, AS PER PLAN.....	100 C.Y.
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PAYMENT FOR ITEM 661 MULCH, AS PER PLAN, FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACT CUBIC YARD BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

CALCULATED
bfg
CHECKED
MJH

GENERAL NOTES

HAR-ADA LINCOLN ST.
PHASE 3