



## Addendum

<b>From:</b>	Tom Burry, PE	<b>Date:</b>	6/17/2026
<b>Email:</b>	tburry@halff.com	<b>AVO:</b>	47826.190
<b>Subject:</b>	Addendum No. 1	<b>Project:</b>	McKissic Creek Park – Allen Road Trail

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The following is a list of changes made to the plans and specifications. The changes are outlined by item number, as well as plan sheet number.

### **DRAWINGS**

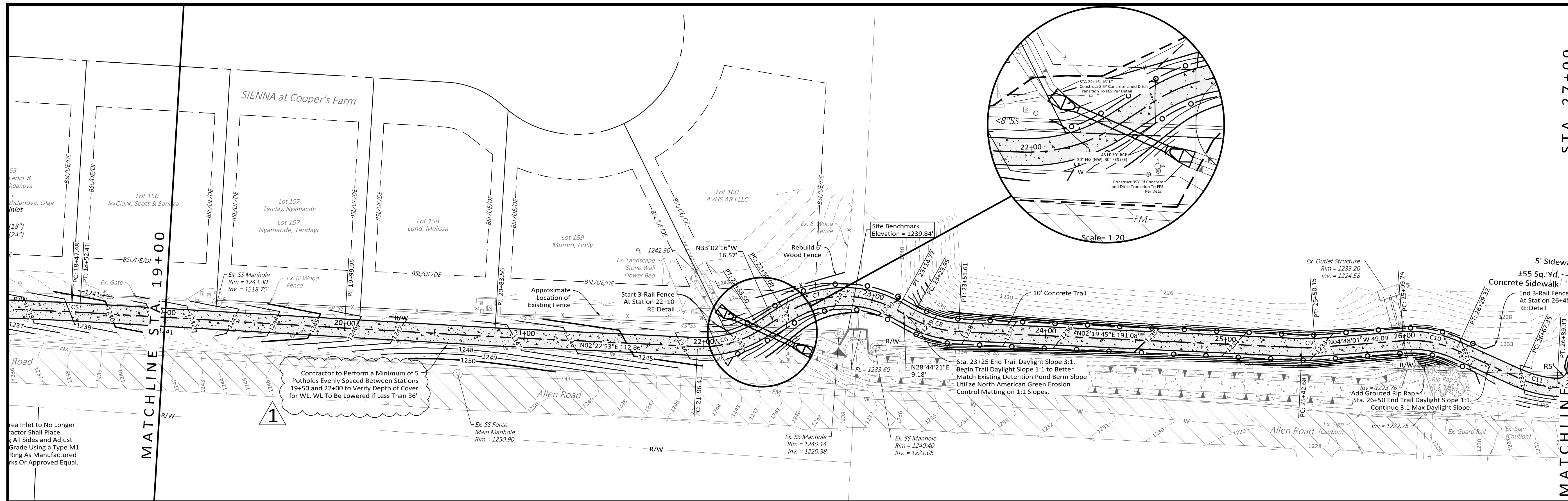
ITEM 1. Sheet 12 – ALLEN ROAD TRAIL PLAN AND PROFILE STA. 18+50 TO STA. 27+00

- a. Revised callout to add minimum number of potholes to verify waterline depth and added stationing limits 19+50 and 22+00.

### **SPECIFICATIONS**

ITEM 1. Specification Section 203 – Excavation and Embankment:

- a. Revised square yard to cubic yard at end of paragraph 1 of page 6.



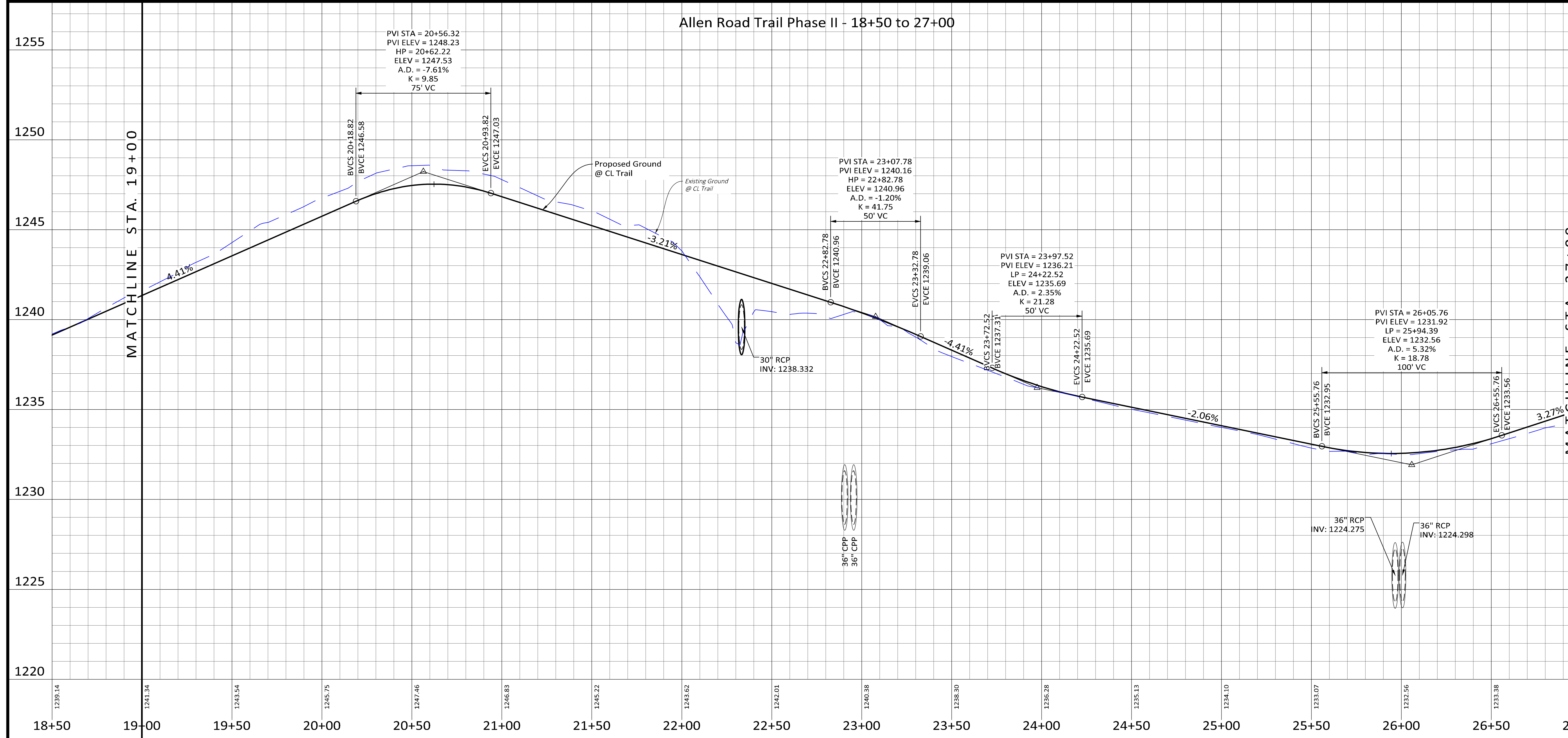
Scale in Feet

30 0 30

CALL BEFORE YOU DIG  
1-800-482-8988  
ARKANSAS ONE CALL SYSTEM

Curve Table:					
Curve #	Radius	Length	Tangent	Chord Bearing	Chord Length
C6	60.00'	37.09'	19.16'	N 15°19'41" W	36.50'
C7	60.00'	64.69'	35.89'	N 02°08'58" W	61.60'
C8	60.00'	37.66'	14.08'	N 15°32'03" E	27.41'
C9	60.00'	7.47'	3.74'	N 01°14'08" W	7.46'
C10	60.00'	30.08'	15.36'	N 09°33'38" E	29.76'
C11	60.00'	21.98'	11.11'	N 13°25'37" E	21.86'

Sta. 27+11  
End Trail  
Ex. SS Manhole  
Rim = 1235.6  
Inv. = 1231.9  
Sta. 26+50  
Inv. = 1233.0  
FL = 1232.78



STATE OF ARKANSAS  
LICENSED PROFESSIONAL ENGINEER  
No. 14691  
THOMAS A. BERRY  
06/17/2026

**halff**

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**PHASE II  
Trail Improvements  
McKissic Creek Park -  
Allen Road Trail  
for the  
City of Centerton, Arkansas**

Issued for Bidding  
April 2026

**ALLEN ROAD TRAIL  
PLAN AND PROFILE  
STA. 18+50 TO STA. 27+00**

Revisions  
1 Addendum 1 (2026-06-16)

Drawn By: KAC  
Approved By: RCS  
Date: April 2026  
Project No.: 47826.190

Vert. Scale: 1"=3'  
Horiz. Scale: 1"=30'  
Plot Scale: 1  
DWG Name: PLAN SHEETS

SHEET **12** of 23

Drawing Name: A:\47000\47826\190\BTV\GEN-262\_McKissic Park-Allen Road Trail\DWG\GEN-262\_Plan Sheets-Phase II.dwg, Last Modified: Apr 08, 2026 - 12:44pm Plotted on: Jun 16, 2026 - 4:53pm by ahs885

## **SECTION 203 EXCAVATION AND EMBANKMENT**

**203.01 DESCRIPTION.** This work shall consist of excavation, construction of embankments, grading, compaction, hauling, disposal and topsoiling which is within the limits of the work necessary for the construction of the improvements in accordance with the specifications and in reasonably close conformity with the lines, grades, thicknesses and typical cross sections shown on the plans or established by the Engineer.

**203.02 APPLICABLE SPECIFICATIONS.** Subgrade preparation or modification shall be as specified in other sections of these specifications.

**203.03 CLASSIFICATION.** All material excavated shall be defined as "Unclassified Excavation" unless, in the proposal form, prices are asked and bids are taken for "Rock Excavation" and "Common Excavation".

"Unclassified Excavation" shall include all excavation performed under this item regardless of the material encountered.

"Rock Excavation" when provided in the proposal, shall include all solid rock and ledges, imbedded deposits in unstratified masses and conglomerate deposits which are so firmly cemented they present all the characteristics of solid rock, greater than one (1) cubic yard in volume, and which cannot be removed without the use of rippers or impact hammers.

"Common Excavation", when provided in the proposal, shall consist of all excavation not included in "Rock excavation".

"Undercut Excavation" shall consist of the removal and disposal of deposits of saturated or unsaturated mixtures of soils and organic matter, or other soils, not suitable for foundation material and which is located at a lower elevation than the subgrade.

"Select Material" shall consist of excavation made from off-site borrow areas, or on-site borrow areas designated by the Engineer. It shall be the Contractor's responsibility to locate and obtain the select material subject to the approval of the Engineer. Select material shall be granular, maximum particle size of 3 inches, graded from coarse to fine, conforming to AASHTO classification A-1, A-2-4 or A-2-5, or a sandy or gravely clay conforming to classification A-2-6 or A-6 with the exception that the plasticity index shall not exceed 15. Select material shall have a minimum California Bearing Ratio of 8.0 when tested in accordance with ASTM D1883-21. The Contractor shall furnish, at his expense, test data to indicate compliance of select material with this specification.

"Topsoil" shall be the surface layer of soil with no admixture or refuse or any material toxic to plant growth, and it shall be reasonably free from subsoil and stumps, roots, brush, stones more than 2 inches in diameter, clay lumps or similar objects. This surface layer of soil shall contain humus and organic matter and any grass roots and native seeds that may have accumulated in the surface layer.

**203.04 CONSTRUCTION REQUIREMENTS.**

- (a) GENERAL. The grading work shall consist of all excavation, embankment, dressing, shaping and finishing necessary for the construction, compaction and completion of all subgrades and other earthwork indicated on the plans, strictly to the required alignment, grade and typical cross section as shown on the plans or as directed by the Engineer.

Excavation shall not be made below grade except where rock is encountered or removal of unstable material is directed by the Engineer. Should the Contractor, through negligence or other fault, excavate below the designated lines, he shall replace the excavation with approved materials, in an approved manner and condition at his own expense. The Engineer shall have complete control over the excavation, moving, placing and disposition of all material, and shall determine the suitability of material to be placed in embankments.

The Contractor shall inform and satisfy himself as to the character, quantity and distribution of all material to be excavated.

Excavation work shall be performed to provide drainage at all times. When directed, temporary drains and drainage ditches shall be installed to intercept or divert surface water which may affect the work. Operations on earthwork shall be suspended at any time when satisfactory results cannot be obtained because of rain, freezing weather, or other unsatisfactory conditions.

Material determined by the Engineer to be unsatisfactory for subgrade construction shall be classified as undercut excavation and shall be removed as directed by the Engineer. Undercut areas shall be backfilled with select material unless otherwise directed by the Engineer. All unsuitable material removed from undercut areas shall be disposed of on-site as directed by the Engineer or it shall be disposed of at a suitable off-site in a suitable disposal area obtained by the Contractor.

All rock or other unyielding material that cannot be shaped to conform to the subgrade elevations shall be excavated to a minimum depth of 6" below the finished subgrade elevation. The excavation shall be filled to grade with approved material. Blasting will not be permitted.

All suitable excavated material shall be used in the formation of embankments and backfills unless otherwise specified. The excavated material shall be placed in the areas of the embankment as directed by the Engineer. Muck, peat, matted roots, or other unsatisfactory material for a subgrade foundation shall be removed to the depth directed by the Engineer. All material determined unsuitable shall be disposed of off-site by the Contractor, or as directed by the Engineer.

Construction of embankments or backfilling shall not be started until the area has been inspected and approved by the Engineer. Fill areas shall be cleared, grubbed so as to remove all vegetation and objectionable material. Also, all topsoil shall be removed prior to the commencement of filling. All depressions or holes beneath the ground surface, whether caused by grubbing or other reasons, shall be backfilled with suitable material and compacted before the construction of the subgrade is commenced. Areas to be filled shall be scarified to a depth of 6" prior to placement of fill. Fill shall be constructed to the specified grade in uniform layers parallel to the finished surface and not more than 8" in thickness, loose measurement. The material in the layers shall be of the proper moisture content before compacting. Wetting or drying of the material and manipulation when necessary to secure a uniform moisture content throughout the layer shall be required.

Backfilling of trenches for storm drainage facilities, water line improvements and utility relocations shall be accomplished as specified in other sections of these specifications. Backfill shall be compacted to the specified density.

- (b) **SOIL COMPACTION.** In the preparation of subgrades and compaction of earthwork, the material shall be compacted to provide a stable, uniform surface. The subgrade shall be compacted to the required density and stability and shall show no evidence of displacement or rutting. Proof rolling shall be provided to evaluate the stability of the subgrade and shall be as directed by the Engineer.

Where modification of the subgrade is specified, stabilization and compaction requirements shall be as specified in other sections of these specifications.

Soils shall be compacted to the following standards. The maximum dry density shall be based on the Standard Test, AASHTO T-99.

- (1) All soils in the upper 6" of the subgrade beneath pavements or driveways shall be compacted to 95% density.
- (2) All other soils shall be compacted to 93% density.
- (3) Trench densities shall be as specified for that type trench excavation. When no density is specified, the densities specified in 1 and 2 above shall apply.

The moisture content of the material being compacted shall be within a range of two percent below optimum to a maximum of two percent above. The Contractor shall adjust the moisture content of the material to maintain the range specified by the addition of water or by aeration.

All testing shall be done by a testing laboratory approved by the Engineer. The cost of the testing will be paid for by the Owner with the following exception: the Contractor shall pay for re-testing areas that fail initial tests, and the cost of testing any materials proposed by him for substitution of previously approved materials, unless in the opinion of the Engineer, the substitution will be of particular benefit to the Owner.

Not less than one field density determination shall be made for each 750 square yards of area in each lift of embankment and on the finished subgrade. Trench backfill density determinations shall include a minimum of one determination for each 250 linear feet of completed trench.

The field density determination shall be made in accordance with AASHTO T-310 In-Place Density and Moisture Content of Soil and Soil Aggregate by Nuclear Methods.

- (c) SUBGRADES. The completed subgrade surface shall be true to the lines, grades and cross sections shown on the plans or as directed by the Engineer. Any irregularities or depressions that develop shall be corrected by loosening the material until the surface is smooth, uniform and compact. Should the subgrade be rutted prior to the next phase of construction over the subgrade, it shall be reshaped and compacted without additional compensation to the Contractor.

Shaping and compacting of subgrades prior to construction of pavements shall be as specified in other sections of these specifications.

- (d) TOPSOIL. Topsoil stripped from within the project limits shall be stockpiled at an off-site location provided by the Contract unless on-site stockpile areas are designated on the plans. The topsoil shall be stockpiled in such a manner that other materials will not become intermixed and interfere with reuse of the topsoil. Topsoil shall be stripped from the designated areas and shall be stripped to a minimum depth of 6" unless otherwise indicated on the plans.

When suitable topsoil is not available on the site, the Contractor shall locate and obtain a supply subject to the approval of the Engineer. The Contractor shall notify the Engineer sufficiently in advance of operations in order that necessary measurements and tests can be made.

Immediately prior to dumping and spreading the topsoil on any area, the surface shall be loosened by discs or by other means approved by the Engineer, to a minimum depth of 2" to facilitate bonding of the topsoil to the covered subgrade soil. The surface of the area to be topsoiled shall be cleared of all stones larger than 2" in diameter and all litter.

The topsoil shall be evenly spread on the prepared areas to a uniform depth of 4" after compaction. Spreading shall not be done when the ground or topsoil is frozen, excessively wet, or otherwise in a condition detrimental to the work. Spreading shall be carried on so that seeding operations can proceed with a minimum of soil preparation or tilling. After spreading is completed, the topsoil shall be smooth-graded and the surface left at the prescribed grades in an even properly compacted condition. The finished grades shall prevent the formation of low places or pockets where water will stand. Light rolling with placing or spreading equipment, and wetting if needed, will be required to consolidate the topsoil to the finished grades.

- (e) **BACKFILLING CURBS AND WALKS.** After the completion of the walks, curbs and driveways, the Contractor shall backfill adjacent areas to the grade shown on the plans. This backfill shall be placed so as not to damage the walks, curbs and driveways and shall be compacted.
- (f) **TOLERANCES.** Grading shall be accomplished to the tolerances listed below for the various areas and classes of work as shown. The tolerances listed are maximum variations which will be acceptable for each class of work without exception.
  - (1) The subgrade beneath structures shall be formed and compacted to within 0.05 feet of the finished subgrade as established by grade hubs or stakes.
  - (2) The subgrade for streets, drives and sidewalks shall be formed and compacted within 0.05 feet of the finished subgrade as established by grade hubs or stakes.
  - (3) All areas outside of those mentioned in the previous paragraphs and which are not to receive any type of a finished structure or pavement shall be rough graded to within 0.10 feet of the finished grade after the necessary allowances have been made for the thickness of topsoil. This tolerance shall be reduced as necessary to provide drainage at all points and to prevent the formation of water pockets in the finished grading.

Any deviation in excess of the amounts shown above shall be corrected by loosening, adding or removing materials, reshaping and recompacting by sprinkling and rolling.

**203.05 MEASUREMENT AND PAYMENT.** The measurement and payment of the work included in this section of the specifications shall be at the unit prices listed in the Proposal for the various classes of work. Payment at the unit prices listed in the proposal for each of these items shall be considered full compensation for all hauling, equipment, tools, material, labor, supplies and incidentals necessary for completion of the specified work item.

All earthwork including excavation, construction of embankments, undercut excavation and backfill, and subgrade preparation shall be paid for at the unit or lump sum price as listed in the Proposal for "Grading", unless other classes of work are listed therein. Where payment is to be made on a unit price basis, grading will be measured by the cubic yard or station. Unless otherwise delineated on the plans, the area to be measured shall be the finished subgrade.

Classes of earthwork listed in the proposal will be measured by the cubic yard and, unless otherwise specified, will be measured in its original position based on cross sections, field measurements or ground surveys and calculated by volumetric means. Truckload counts shall not be used in measuring any class of earthwork volume.

- (a) UNCLASSIFIED EXCAVATION. Unclassified excavation will be measured by the cubic yard as specified above. Payment will be made at the contract unit price per cubic yard as listed in the proposal, and shall be considered full compensation for excavation, hauling, stockpiling and other manipulation of the excavated material, including the formation of on-site embankments as shown on the plans.
- (b) Rock excavation will be measured and paid for when provided for in the Proposal. Rock excavation will be measured by volume computed by the average end area method. Payment will be made at the contract unit price per cubic yard and shall be considered full compensation for removal and proper disposal of rock.
- (c) Undercut excavation, when authorized by the Engineer, will be measured by the cubic yard in its original position calculated as specified above. Undercut excavation including removal, drying, mixing or conditioning and replacement will be paid for at the contract unit price for "Undercut Excavation". Undercut excavation and backfill with select material will be paid for at the contract unit price for "Undercut Excavation and Backfill (Select Material)". Payment at the contract unit price shall be considered full compensation for excavation, removal and disposal of material, backfilling, select material, grading and compaction. No separate payment will be made for materials or placement of materials used to backfill undercut areas. Undercut excavation payment will not be made for removal, excavation and backfill of areas in which trees and stumps are cleared and grubbed.

No separate payment will be made for borrow excavation or placement of borrow material.

No separate payment will be made for salvaging and stockpiling topsoil; payment for this work shall be considered incidental to other work included in these specifications. No separate payment will be made for topsoil obtained from and placed within the project limits.

Topsoil obtained from an off-site site source will be measured and paid for at the unit price per

cubic yard or per square yard stated in the proposal for "Topsoil". Payment at the contract unit price shall be considered full compensation for excavating, hauling, preparation and placing of topsoil. Measurement of topsoil by the cubic yard will be based on the compacted, in-place volume calculated from the area and thickness shown on the plans. The contract price per square yard shall be for the compacted thickness shown on the plans or stated in the proposal.

No separate payment will be made for removal, stockpiling and replacement of existing pavement materials unless otherwise specified in other sections of these specifications or listed in the Proposal as a separate bid item.