

SECTION 02210

EXCAVATION AND EMBANKMENT

The additions, modifications and deletions herein stated are hereby made to Section 02210, EXCAVATION AND EMBANKMENT, of the Wyoming Public Works Standard Specifications.

2.01 BORROW EXCAVATION

Amend Section 02210 EXCAVATION AND EMBANKMENT, PART 2 PRODUCTS, 2.01 BORROW EXCAVATION, Paragraph A. to read as follows:

- B. Borrow excavation shall consist of excavation made from borrow areas within the project limits and outside the normal grading limits for the completion of embankments. Borrow areas or areas within the project limits from which the borrow may be obtained will be designated on the Plans.

Amend Section 02210 EXCAVATION AND EMBANKMENT, PART 2 PRODUCTS, 2.01 BORROW EXCAVATION, Paragraph B. to read as follows:

- B. Borrow excavation shall be made only at those designated locations and within the horizontal and vertical limits as stated or directed. On completion of borrow operations, the borrow area will be adequately drained and finished to a neat and uniform grade acceptable the ENGINEER.

2.02 IMPORTED BORROW EXCAVATION:

Amend Section 02210 EXCAVATION AND EMBANKMENT, PART 2 PRODUCTS, 2.02 IMPORTED BORROW EXCAVATION, Paragraph A. to read as follows:

- A. Imported borrow excavation shall consist of excavation made from borrow areas outside the project limits and outside the normal grading limits for the completion of the embankments. Borrow areas or areas outside the project pits from which the imported borrow may be obtained will be designated. Any source chosen by the CONTRACTOR shall be subject to the approval of the ENGINEER.

Delete paragraph B. of Section 02210 EXCAVATION AND EMBANKMENT, PART 2 PRODUCTS, 2.02 IMPORTED BORROW EXCAVATION in it's entirety.

3.02 MOISTURE AND DENSITY CONTROL:

Amend the first sentence of Paragraph A., Section 02210 EXCAVATION AND EMBANKMENT, PART 3 EXECUTION, 3.02 MOISTURE AND DENSITY CONTROL to read as follows:

The CONTRACTOR shall provide proper compaction as required to obtain the density of 95% of maximum dry density or as approved by the Engineer for all backfills placed. No separate pay compensation shall be allowed for compaction.

Add the following to Section 02210 EXCAVATION AND EMBANKMENT, PART 3 EXECUTION, 3.02 MOISTURE AND DENSITY CONTROL, Paragraph A..

SECTION 02220

TRENCH EXCAVATION

The additions, modifications and deletions herein stated are hereby made to Section 02220, TRENCH EXCAVATION, of the Wyoming Public Works Standard Specifications.

3.01 CONSTRUCTION:

Amend Section 02220 TRENCH EXCAVATION, PART 3 EXECUTION, 3.01 CONSTRUCTION, Paragraph B, to read as follows:

- B. All excavated materials not required or suitable for backfill shall be removed from the site and disposed of in a manner and/or by methods acceptable to jurisdictional government agencies and as approved by the ENGINEER. The ENGINEER may require certification of proper disposal procedures.

3.03 TRAFFIC CONTROL AND WARNING DEVICES:

Amend Section 02220 TRENCH EXCAVATION, PART 3 EXECUTION, 3.03 TRAFFIC CONTROL AND WARNING DEVICES, Paragraph C, to read as follows:

- C. The Contractor shall submit his traffic control plan to the City of Torrington for approval prior to the beginning of work.

3.09 PREPARATION:

Amend Section 02220 TRENCH EXCAVATION, PART 3 EXECUTION, 3.09 PREPARATION, Paragraph A, 2, to read as follows:

2. Existing utilities which will intersect with the new pipelines or structures shall be relocated by the CONTRACTOR, as approved by the owner of said utility and subject to the approval of the ENGINEER.

3.11 EXPLORATORY EXCAVATION:

Amend Section 02220 TRENCH EXCAVATION, PART 3 EXECUTION, 3.11 EXPLORATORY EXCAVATION, to read as follows:

- A. Location of buried utilities that might interfere with alignment or grade shall be verified by the CONTRACTOR by exploratory excavation prior to construction. If any existing utility interferes with the work in either alignment or grade and has to be moved, such work shall be done by the CONTRACTOR.

3.13 DEWATERING:

Amend Section 02220 TRENCH EXCAVATION, PART 3 EXECUTION, 3.13 DEWATERING, Paragraph B, to read as follows:

SECTION 02225

TRENCH BACKFILL

The additions, modifications and deletions herein stated are hereby made to Section 02225, TRENCH BACKFILL, of the Wyoming Public Works Standard Specifications.

2.01 MATERIALS:

Amend Section 02225 TRENCH BACKFILL, PART 2 PRODUCTS, 2.01 MATERIALS, Paragraph A.1. to read as follows:

A. PIPE BEDDING MATERIALS

1. Type 1 Bedding material around the pipe from six (6) inches (150 mm) under the pipe to twelve (12) inches (300 mm) over the pipe shall consist of select coarse grained soils (over 50% retained on a no. 200 Sieve (75 mm)) and less than 5% fines such as gravel, sand, or silty sand meeting unified soil classification requirements as per ASTM designation D-2487 for type GW, GP, GM, GC, SW, SP, SM & SC, or as specifically approved by the ENGINEER. Bedding material shall not consist of fine soil (less than 50% retained on a No. 200 Sieve (75 mm)) such as silt, clay & organic soils meeting requirements for soil types ML, CH, & PT. Bedding material shall be free from clods, frozen material, or stones larger than 3/4 inch (19 mm) in their maximum dimension. Where wet or otherwise unstable conditions exist, the material in this zone shall be free draining, non-plastic material. Where suitable material is available in the material excavated from the trench, the CONTRACTOR may procure the select material by screening, sifting or manually sorting the material removed from the trench in a manner approved by the ENGINEER.

Amend Section 02225 TRENCH BACKFILL, PART 2 PRODUCTS, 2.01 MATERIALS, Paragraph B. to read as follows:

B. CEMENT TREATED FILL

Cement treated fill, when specified, shall meet the following criteria:

<u>INGREDIENTS</u>	<u>LBS/C.Y.</u>
CEMENT (0.45 SACK)	42 lbs (19 kg)
WATER (39 GALLONS)	325 lbs (147.4 kg)
COARSE AGGREGATE (SIZE NO. 57)	1700 lbs (771.1 kg)
SAND (ASTM C-33)	1845 lbs (837 kg)

The maximum desired 28 day strength is from 30 to 60 psi (207 kPa to 414 kPa). Other cement treated fill designs may be submitted to the ENGINEER for review and approval.

SECTION 02227

BACKFILLING FOR PAVEMENT

The additions, modifications and deletions herein stated are hereby made to Section 02227, BACKFILLING FOR PAVEMENT, of the Wyoming Public Works Standard Specifications.

2.01 MATERIALS:

Add the following Subsection 2.01 MATERIALS to Section 02227 BACKFILLING FOR PAVEMENT, PART 2 PRODUCTS.

1. Base course for trenches in roadways and surface base material in alleys shall be City of Torrington Standard, Type I.

3.01 CONSTRUCTION:

Amend Section 02227 BACKFILLING FOR PAVEMENT, PART 3 EXECUTION, 3.01 CONSTRUCTION, Paragraph A. to read as follows:

- A. Surfaces for trenches in gravel streets or alleys shall be restored to their original shape and the surfacing material shall be of equal quality and equal thickness to that of the original surface, but in no case shall the depth of base be less than twelve inches (12") in streets and six inches (6") in alleys. Gravel surfacing material shall be approved by the ENGINEER. Care shall be taken to not contaminate existing gravel surfaces outside the trench area.

SECTION 02231

AGGREGATE SUB-BASE AND BASE COURSE

The additions, modifications and deletions herein stated are hereby made to Section 02231, AGGREGATE SUB-BASE AND BASE COURSE, of the Wyoming Public Works Standard Specifications.

1.01 SUMMARY:

AMEND Section 02231 AGGREGATE SUB-BASE AND BASE COURSE, PART 1 GENERAL, 1.01 SUMMARY to read as follows:

- A. This work shall consist of furnishing and placing one or more courses of aggregate and additives, if required, on a prepared surface in accordance with these specifications and in reasonably close conformity with the lines, grades, thickness, and typical cross sections shown on the plans or established by ENGINEER.

3.02 APPLICATION:

AMEND Section 02231 AGGREGATE SUB-BASE AND BASE COURSE, PART 3 EXECUTION, 3.02 APPLICATION, Paragraph C. to read as follows:

- C. Road Mix Method - After material for each layer of the course has been placed, the materials shall be mixed while in the range of plus 2% or minus 4% of optimum moisture content, by means of motor graders or other approved equipment until the mixture is uniform throughout.

3.03 SHAPING AND COMPACTION:

AMEND Section 02231 AGGREGATE SUB-BASE AND BASE COURSE, PART 3 EXECUTION, 3.03 SHAPING AND COMPACTION, Paragraph B. to read as follows:

- B. If the required compacted depth of sub-base course exceeds 6" (150 mm), the course shall be constructed in 2 or more layers of approximately equal thickness. The maximum compacted thickness of any one layer shall not exceed 6" (150 mm). When vibrating or other approved types of special compacting equipment are used, the depth of a single layer of the course may be increased upon approval by ENGINEER.

3.03 SHAPING AND COMPACTION:

Add the following Paragraph D. to Section 02231 AGGREGATE SUB-BASE AND BASE COURSE, PART 3 EXECUTION, 3.03 SHAPING AND COMPACTION.

- D. Aggregates shall be shaped in a manner as to prevent segregation of the sub-base and base course.

SECTION 02273

RIPRAP

The additions, modifications and deletions herein stated are hereby made to Section 02273, RIPRAP, of the Wyoming Public Works Standard Specifications.

1.01 SUMMARY:

Amend Section 02273 RIPRAP, PART 1 GENERAL, 1.01 SUMMARY to read as follows:

- A. This work shall consist of the bank or water course protection courses in accordance with these specifications and in reasonably close conformity with the lines, grades, and thickness shown on the plans or established by ENGINEER.

4.01 METHOD OF MEASUREMENT:

Amend Section 02273 RIPRAP, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02273 RIPRAP, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

[CONTRACTS: SS02280] 07/24/06

SECTION 02280

TOPSOIL

The additions, modifications and deletions herein stated are hereby made to Section 02280, TOPSOIL, of the Wyoming Public Works Standard Specifications.

4.01 METHOD OF MEASUREMENT:

Amend Section 02280 TOPSOIL, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02280 TOPSOIL, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

SECTION 02290

WATERING

The additions, modifications and deletions herein stated are hereby made to Section 02290, WATERING, of the Wyoming Public Works Standard Specifications.

1.01 SUMMARY:

Amend Section 02290 WATERING, PART 1 GENERAL, 1.01 SUMMARY to read as follows:

- A. This item shall consist of furnishing and applying water required in the compaction of embankments, subgrades, base courses and surface course, or for the control of dust for the safety and convenience of the public, for the reduction of the dust nuisance with adjacent property, or for other purpose as directed by the ENGINEER, in accordance with the requirements of these specifications.

2.01 WATER SOURCE:

Add the following paragraph to Section 02290 WATERING, PART 2 MATERIALS, 2.01 WATER SOURCE.

- B. Water obtained from the City Water Department shall be taken from locations and by methods as approved by ENGINEER.

3.01 WATER ADDED:

Amend Section 02290 WATERING, PART 3 EXECUTION, 3.01 WATER ADDED, Paragraph A. to read as follows:

- A. Deficiencies in moisture content of embankment materials, aggregate sub-base, base, or surfacing courses shall be corrected by the addition of water by approved water distribution equipment. Water for dust control, finishing operations, and seeding shall be applied by approved distributor equipment.

3.01 WATER ADDED:

Amend Section 02290 WATERING, PART 3 EXECUTION, 3.01 WATER ADDED, Paragraph A. 2. to read as follows:

2. Aggregate Courses. Water added to aggregate courses shall be applied to the material immediately prior to mixing and placing the material.

SECTION 02510

PORTLAND CEMENT TREATED MIXTURES

The additions, modifications and deletions herein stated are hereby made to Section 02510, PORTLAND CEMENT TREATED MIXTURES, of the Wyoming Public Works Standard Specifications.

2.01 MATERIALS:

Amend Section 02510 PORTLAND CEMENT TREATED MIXTURES, PART 2 PRODUCTS, 2.01 MATERIALS, Paragraph B.1. to read as follows:

1. Cement treated base: Comply with pavement base course specification under Section 02231, AGGREGATE SUB-BASE AND BASE COURSES.

3.03 CURING AND PROTECTION:

Amend Section 02510 PORTLAND CEMENT TREATED MIXTURES, PART 3 EXECUTION, 3.03 CURING AND PROTECTION, Paragraph A., to read as follows:

- A. Moist curing (water fogging): Exposed surfaces of cement treated base shall be kept continuously moist with a fog spray for 7 days.

SECTION 02511

ROAD MIX BITUMINOUS PAVEMENTS

The additions, modifications and deletions herein stated are hereby made to Section 02511, ROAD MIX BITUMINOUS PAVEMENTS, of the Wyoming Public Works Standard Specifications.

1.01 SUMMARY:

Amend Section 02511 ROAD MIX BITUMINOUS PAVEMENTS, PART 1 GENERAL, 1.01 SUMMARY, Paragraph B, to read as follows:

- B. This work shall consist of constructing one or more courses of a road mix bituminous mixture on the prepared foundation in accordance with these specifications, and in reasonably close conformity with the lines, grades, thickness, and typical cross sections on the plans or established by ENGINEER.

4.01 METHOD OF MEASUREMENT:

Amend Section 02511 ROAD MIX BITUMINOUS PAVEMENTS, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02511 ROAD MIX BITUMINOUS PAVEMENTS, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

SECTION 02512

PLANT MIX PAVEMENTS

The additions, modifications and deletions herein stated are hereby made to Section 02512, PLANT MIX PAVEMENTS, of the Wyoming Public Works Standard Specifications.

1.01 SUMMARY:

Amend Section 02512 PLANT MIX PAVEMENTS, PART 1 GENERAL, 1.01 SUMMARY, Paragraph B. to read as follows:

- B. This work shall consist of one or more courses of bituminous mixture constructed on the prepared foundation in accordance with these specifications and the specific requirements of the type under contract, and in reasonably close conformity with the lines, grades, thickness and typical cross sections shown on the plans or established by ENGINEER.

1.01 RELATED WORK:

Add the following Paragraph F. to Section 02512 PLANT MIX PAVEMENTS, PART 1 GENERAL, 1.01 RELATED WORK.

- F. Section 02227, Backfilling for pavement.

1.05 DEFINITIONS:

Amend Section 02512 PLANT MIX PAVEMENTS, PART 1 GENERAL, 1.05 DEFINITIONS to read as follows:

- A. Plant mix pavement is considered a surface course in all cases.
- B. Plant mix bituminous base is considered a sub-surface course.

3.02 APPLICATION:

Amend Section 02512 PLANT MIX PAVEMENTS, PART 3 EXECUTION, 3.02 APPLICATION, Paragraphs B, C & D to read as follows:

- B. Plant mix wearing course shall be placed between the dates of June 1st and September 15th unless otherwise specified by ENGINEER in the Special Provisions.
- C. Bituminous plant mix shall not be placed on any wet surface; when the atmospheric temperatures are less than those specified in the following table; or,

SECTION 02520

PORTLAND CEMENT CONCRETE PAVEMENT

The additions, modifications and deletions herein stated are hereby made to Section 02520, PORTLAND CEMENT CONCRETE PAVEMENT, of the Wyoming Public Works Standard Specifications.

1.01 SUMMARY:

Amend Section 02520 PORTLAND CEMENT CONCRETE PAVEMENT, PART 1 GENERAL, 1.01 SUMMARY to read as follows:

- A. This work shall consist of constructing a pavement composed of Air-Entrained Portland Cement Concrete constructed on a prepared subgrade or base course in accordance with these specifications and in reasonably close conformity with the lines, grades, thicknesses, and typical cross sections shown on the plans or designated by the ENGINEER.

3.05 CONDITIONING OF SUBGRADE OR BASE COURSE:

Amend Section 02520 PORTLAND CEMENT CONCRETE PAVEMENT, PART 3 EXECUTION, 3.05 CONDITIONING OF SUBGRADE OR BASE COURSE, Paragraphs A. & B. to read as follows:

- A. When side forms have been securely set to grade, the subgrade or base course shall be brought to proper cross section. Low areas may be filled with subgrade or base course material and compacted to the specified density, or filled with concrete integral with the pavement. The finished grade shall be maintained in a smooth and compacted condition until the pavement is placed.
- B. The subgrade or base course shall be uniformly moist when the concrete is placed. If it subsequently becomes too dry, the subgrade or base course shall be sprinkled, but the method of sprinkling shall not be such as to form mud or pools of water.

4.01 METHOD OF MEASUREMENT:

Amend Section 02520 PORTLAND CEMENT CONCRETE PAVEMENT, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

SECTION 02528

CONCRETE CURBS AND COMBINED CURBS AND GUTTERS

The additions, modifications and deletions herein stated are hereby made to Section 02528, CONCRETE CURBS AND COMBINED CURBS AND GUTTERS, of the Wyoming Public Works Standard Specifications.

2.01 MATERIALS:

Amend Section 02528 CONCRETE CURBS AND COMBINED CURBS AND GUTTERS, PART 2 PRODUCTS, 2.01 MATERIALS, Paragraph A. to read as follows:

- A. PORTLAND CEMENT CONCRETE – Air-entrained Portland Cement Concrete shall conform to the requirements of Section 03304, Subsection 2.07, Class 4000.

3.04 FINISHING:

Delete Paragraph E. in Section 02528 CONCRETE CURBS AND COMBINED CURBS AND GUTTERS, PART 3 EXECUTION, 3.04 FINISHING, in its entirety.

3.05 JOINTING:

Amend Section 02528 CONCRETE CURBS AND COMBINED CURBS AND GUTTERS, PART 3 EXECUTION, 3.05 JOINTING, Paragraph A. CONTRACTION JOINTS to read as follows:

- A. CONTRACTION JOINTS - Transverse weakened-plane contraction joints shall be constructed at right angles to the curb line at intervals not exceeding 10 feet (3.05 meters). Joint depth shall average at least 1/3 of the cross section of the concrete. Joints in new construction shall match joints in adjacent existing concrete.

Amend Section 02528 CONCRETE CURBS AND COMBINED CURBS AND GUTTERS, PART 3 EXECUTION, 3.05 JOINTING, Paragraph B. EXPANSION JOINTS to read as follows:

- B. Expansion joints, when required, shall be constructed at right angles to the curb line at immovable structures and at points of curvature for short-radius curves.

Amend Section 02528 CONCRETE CURBS AND COMBINED CURBS AND GUTTERS, PART 3 EXECUTION, 3.05 JOINTING, Paragraph D. to read as follows:

- D. Curbs or combined curbs and gutters constructed adjacent to existing concrete shall have the same type of joints as in the existing concrete, with similar spacing; however, contraction joint spacing shall not exceed 10 feet (3.05 meters).

SECTION 02545

BITUMINOUS MATERIALS

The additions, modifications and deletions herein stated are hereby made to Section 02545, BITUMINOUS MATERIALS, of the Wyoming Public Works Standard Specifications.

4.01 METHOD OF MEASUREMENT:

Amend Section 02545 BITUMINOUS MATERIALS, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02545 BITUMINOUS MATERIALS, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

[CONTRACTS: SS02550] 07/31/06

SECTION 02550

PRIME COAT

The additions, modifications and deletions herein stated are hereby made to Section 02550, PRIME COAT, of the Wyoming Public Works Standard Specifications.

3.01 PREPARATION:

Amend Section 02550 PRIME COAT, PART 3 EXECUTION, 3.01 PREPARATION, Paragraph A. to read as follows:

- A. The surface to be primed shall be shaped to the required grade and section, shall be free from all ruts, corrugations, segregated material, or other irregularities, and shall be uniformly compacted.

4.01 METHOD OF MEASUREMENT:

Amend Section 02550 PRIME COAT, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02550 PRIME COAT, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

[CONTRACTS: SS02551] 07/31/06

SECTION 02551

TACK COAT

The additions, modifications and deletions herein stated are hereby made to Section 02551, TACK COAT, of the Wyoming Public Works Standard Specifications.

4.01 METHOD OF MEASUREMENT:

Amend Section 02551 TACK COAT, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02551 TACK COAT, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

SECTION 02552

SEAL COAT

The additions, modifications and deletions herein stated are hereby made to Section 02552, SEAL COAT, of the Wyoming Public Works Standard Specifications.

3.02 APPLICATION EQUIPMENT:

Amend Section 02552 SEAL COAT, PART 3 EXECUTION, 3.02 APPLICATION, Paragraph B. EQUIPMENT, Subparagraph 3. to read as follows:

3. A pneumatic-tired roller which shall be self-propelled, the gross load of which shall be adjustable to apply 200 to 350 pounds per square inch (1.40 to 2.45 mPa) of compaction width as directed. The operating weight shall be as directed. Tire pressure or contact pressure may be specified for pneumatic-tired rollers. Pneumatic-tired rollers shall be operated at a maximum speed of 5 miles per hour (8 kmh).

4.01 METHOD OF MEASUREMENT:

Amend Section 02552 SEAL COAT, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02552 SEAL COAT, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

SECTION 02553

BITUMINOUS SURFACE TREATMENT

The additions, modifications and deletions herein stated are hereby made to Section 02553, BITUMINOUS SURFACE TREATMENT, of the Wyoming Public Works Standard Specifications.

4.01 METHOD OF MEASUREMENT:

Amend Section 02553 BITUMINOUS SURFACE TREATMENT, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02553 BITUMINOUS SURFACE TREATMENT, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

SECTION 02570

ADJUSTING STREET FIXTURES

The additions, modifications and deletions herein stated are hereby made to Section 02570, ADJUSTING STREET FIXTURES, of the Wyoming Public Works Standard Specifications.

3.01 METHOD OF CONSTRUCTION:

Amend Section 02570 ADJUSTING STREET FIXTURES, PART 3 EXECUTION, 3.01 METHOD OF CONSTRUCTION, Paragraph C. to read as follows:

- C. Manholes, cleanouts and water valve boxes shall be adjusted to final grade before the seal coat is applied. Preliminary adjustment may be required to allow placing of base courses and paving over the manholes, cleanout or water valve.

4.01 METHOD OF MEASUREMENT:

Amend Section 02570 ADJUSTING STREET FIXTURES, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02570 ADJUSTING STREET FIXTURES, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

SECTION 02645

FIRE HYDRANTS

The additions, modifications and deletions herein stated are hereby made to Section 02645, FIRE HYDRANTS, of the Wyoming Public Works Standard Specifications.

2.01 MATERIALS:

Amend Section 02645 FIRE HYDRANTS, PART 2 PRODUCTS, 2.01 MATERIALS, Paragraph 2 to read as follows:

2. Hydrants shall be Mueller, Model No. A-423 Centurion 250, counter-clockwise open, for six-foot cover or as approved by ENGINEER. All cap screws and T-bolts below finish grade shall be stainless steel.

Delete Paragraph 3. of Section 02645 FIRE HYDRANTS, PART 2 PRODUCTS, 2.01 MATERIALS in it's entirety.

3.01 INSTALLATION:

Amend the last sentence of Paragraph B., Section 02645 FIRE HYDRANTS, PART 3 EXECUTION, 3.01 INSTALLATION to read as follows:

Hydrant installation shall be in accordance with the City of Torrington Standard Drawing for Fire Hydrant & Valve Assembly, or as specified in the Special Provisions.

4.01 METHOD OF MEASUREMENT:

Amend Section 02645 FIRE HYDRANTS, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02645 FIRE HYDRANTS, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

SECTION 02665

WATER DISTRIBUTION AND TRANSMISSION SYSTEMS

The additions, modifications and deletions herein stated are hereby made to Section 02665, WATER DISTRIBUTION AND TRANSMISSION SYSTEMS, of the Wyoming Public Works Standard Specifications.

2.01 MATERIALS:

Amend Section 02665 WATER DISTRIBUTION AND TRANSMISSION SYSTEMS, PART 2 PRODUCTS, 2.01 MATERIALS, A. PIPE, 1. to read as follows:

1. Pipe used in new water main construction shall be Polyvinyl Chloride Pressure Pipe as specified to follow, unless otherwise called out in the Special Provisions. All other water main installations shall be in accordance with the following specifications:

Amend Section 02665 WATER DISTRIBUTION AND TRANSMISSION SYSTEMS, PART 2 PRODUCTS, 2.01 MATERIALS, A. PIPE, 2. DUCTILE IRON PIPE, Paragraph a. to read as follows:

- a. Ductile iron pipe shall conform to the provisions of AWWA Specifications C-151. Wall thickness shall be as shown in the Special Provisions. Ductile iron pipe (D.I.P.) shall have a minimum pressure rating of 150 psi.

Amend Section 02665 WATER DISTRIBUTION AND TRANSMISSION SYSTEMS, PART 2 PRODUCTS, 2.01 MATERIALS, A. PIPE, 2. DUCTILE IRON PIPE, Paragraph d. to read as follows:

- d. When polyethylene encasement is required, the requirements of AWWA Specification C105/A21.5-05 shall be met.

Amend Section 02665 WATER DISTRIBUTION AND TRANSMISSION SYSTEMS, PART 2 PRODUCTS, 2.01 MATERIALS, A. PIPE, 3. POLYVINYL CHLORIDE (PVC) PRESSURE PIPE, Paragraph a. to read as follows:

- a. PVC pipe for the water mains shall meet the requirements of AWWA Specification C-900, "Polyvinyl Chloride Pressure Pipe", made to ductile iron O.D.'s for "Push-On" joints, Class 150 (DR 18). Pipe joints shall be with an elastomeric gasket or joint.

[CONTRACTS: SS02670] 09/25/06

SECTION 02670

HYDROSTATIC TESTING

The additions, modifications and deletions herein stated are hereby made to Section 02670, HYDROSTATIC TESTING, of the Wyoming Public Works Standard Specifications.

3.02 HYDROSTATIC TESTING OF WATER MAINS:

Amend Section 02670 HYDROSTATIC TESTING, PART 3 EXECUTION, 3.02 HYDROSTATIC TESTING OF WATER MAINS, A. PVC, GRAY AND DUCTILE CAST IRON PIPE, Paragraph 1. PRESSURE TEST to read as follows:

1. PRESSURE TEST

After the pipe has been laid, all newly laid pipe or any valved section thereof shall be subjected to a hydrostatic pressure of at least 1.5 X the working pressure at the point of testing, or a minimum of 150 psi (1,035.0 kPa), whichever is greater. The test pressure may be reduced as directed by ENGINEER. Hydrostatic testing shall include all service line connections from the point of connection to the curb stop.

[CONTRACTS: SS02675] 09/25/06

SECTION 02675

DISINFECTION

The additions, modifications and deletions herein stated are hereby made to Section 02675, DISINFECTION, of the Wyoming Public Works Standard Specifications.

3.02 DISINFECTING WATER MAINS:

Amend Section 02675 DISINFECTION, PART 3 EXECUTION, 3.02 DISINFECTING WATER MAINS, B. to read as follows:

- B. When the disinfecting of water mains is to be done under a separate contract the ENGINEER shall provide the following items of specific information in his supplementary specifications. When the disinfecting of water mains is to be done as part of a contract for installing the mains, the CONTRACTOR shall provide the following items of specific information as part of his work plan and progress schedule, subject to approval of the ENGINEER:

SECTION 02700

SANITARY SEWER SYSTEMS

The additions, modifications and deletions herein stated are hereby made to Section 02700, SANITARY SEWER SYSTEMS, of the Wyoming Public Works Standard Specifications.

1.01.1 RELATED WORK:

Add the following Section 1.01.1 RELATED WORK to follow Section 02700 SANITARY SEWER SYSTEMS, PART 1 GENERAL, 1.01 SUMMARY:

1.01.1 RELATED WORK:

- A. Section 02665, Water Distribution and Transmission Systems.

1.03 QUALITY ASSURANCE:

Amend Section 02700 SANITARY SEWER SYSTEMS, PART 1 GENERAL, 1.03 QUALITY ASSURANCE, A. to read as follows:

- A. All new sewer pipe and fittings shall be POLYVINYL CHLORIDE (PVC) PIPE, SDR 35, as specified to follow, unless otherwise called out in the Special Provisions. Wye or tee branches shall be of the same material and design as the sewer pipe used.

2.01 MATERIALS:

Amend Section 02700 SANITARY SEWER SYSTEMS, PART 2 PRODUCTS, 2.01 MATERIALS, F. CASING PIPE, Paragraph 1. to read as follows:

1. Pipe used to case waterline - sewerline crossings shall be (PVC) DR-26 water pipe, (PVC) DR-35 sewer pipe, smooth steel pipe or pipe as approved by ENGINEER with a minimum inside diameter of 1.25 times outside diameter of carrier pipe.

Amend Section 02700 SANITARY SEWER SYSTEMS, PART 2 PRODUCTS, 2.01 MATERIALS, G. MANHOLES, Paragraph 1. to read as follows:

1. Manholes shall be constructed of precast concrete rings with frames and covers and steps in accordance with details shown on City of Torrington Standard Drawing, Standard Precast Manhole. Polyethylene manholes shall be as approved by ENGINEER.

STORM DRAINS AND CULVERTS

The additions, modifications and deletions herein stated are hereby made to Section 02725, STORM DRAINS AND CULVERTS, of the Wyoming Public Works Standard Specifications.

2.01 MATERIALS:

Amend Section 02725 STORM DRAINS AND CULVERTS, PART 2 PRODUCTS, 2.01 MATERIALS, A. to read as follows:

- A. Pipe used in new storm drain construction shall be Hancor Hi-Q Sure-Lok™, or equal, unless otherwise called out in the Special Provisions. All other storm drain installations shall be in accordance with the specifications set forth to follow.

Amend Section 02725 STORM DRAINS AND CULVERTS, PART 2 PRODUCTS, 2.01 MATERIALS, E. HIGH DENSITY POLYETHELENE (HDPE) PIPE to read as follows:

- E. HIGH DENSITY POLYETHELENE (HDPE) PIPE
 1. The use of High Density Polyethylene (HDPE) Pipe and fittings shall be as approved by the ENGINEER unless otherwise provided in the Special Provisions.
 2. High Density Polyethylene (HDPE) Pipe and fittings shall conform to the requirements of ASTM F1759-97 (2004) Standard Practice for Design of High-Density Polyethylene (HDPE) Manholes for Subsurface Applications.
 3. Installation shall be in accordance with ASTM D-2321, Standard Practice for Underground Installation of Thermoplastic Sewer Pipe.

Amend Section 02725 STORM DRAINS AND CULVERTS, PART 2 PRODUCTS, 2.01 MATERIALS, F. MANHOLES to read as follows:

- F. MANHOLES
 1. Manholes shall be constructed of precast concrete rings with frames and covers and steps in accordance with details shown on City of Torrington Standard Drawing, Standard Precast Manhole.
 2. Polyethylene manholes shall be as approved by ENGINEER.

Amend Section 02725 STORM DRAINS AND CULVERTS, PART 2 PRODUCTS, 2.01 MATERIALS, G. RINGS AND COVERS to read as follows:

- G. RINGS AND COVERS
 1. Rings and covers shall be Deeter No. 1256-1258 or equivalent, unless otherwise noted in the Special Provisions.

SECTION 02776

CONCRETE SIDEWALKS, DRIVEWAY APPROACHES, CURB TURN FILLETS,
VALLEY GUTTERS AND MISCELLANEOUS NEW CONCRETE CONSTRUCTION

The additions, modifications and deletions herein stated are hereby made to Section 02776, CONCRETE SIDEWALKS, DRIVEWAY APPROACHES, CURB TURN FILLETS, VALLEY GUTTERS AND MISCELLANEOUS NEW CONCRETE CONSTRUCTION, of the Wyoming Public Works Standard Specifications.

1.01 SUMMARY:

Amend Section 02776 CONCRETE SIDEWALKS, DRIVEWAY APPROACHES, CURB TURN FILLETS, VALLEY GUTTERS AND MISCELLANEOUS NEW CONCRETE CONSTRUCTION, 1.01 SUMMARY, Paragraph A, to read as follows:

- A. Concrete sidewalk and driveway approaches, curb turn fillets, valley gutters, new monument boxes and other miscellaneous new concrete construction shall consist of air-entrained Portland Cement Concrete constructed in accordance with these specifications. This work shall be in reasonably close conformity with the lines and grades, thicknesses, and typical cross sections shown on the plans or established by the ENGINEER. See applicable City of Torrington Standard Drawings.

2.01 MATERIALS:

Amend Section 02776 CONCRETE SIDEWALKS, DRIVEWAY APPROACHES, CURB TURN FILLETS, VALLEY GUTTERS AND MISCELLANEOUS NEW CONCRETE CONSTRUCTION, 2.01 MATERIALS, Paragraph A, to read as follows:

- A. PORTLAND CEMENT CONCRETE - Air-entrained Portland Cement Concrete shall conform to the requirements of Section 03304, PORTLAND CEMENT CONCRETE. Unless otherwise provided in the Special Provisions, all items shall be Class 4000.

3.02 SUBGRADE AND BASE COURSE PREPARATION:

Amend Section 02776 CONCRETE SIDEWALKS, DRIVEWAY APPROACHES, CURB TURN FILLETS, VALLEY GUTTERS AND MISCELLANEOUS NEW CONCRETE CONSTRUCTION, PART 3 EXECUTION, 3.02 SUBGRADE AND BASE COURSE PREPARATION, D., to read as follows:

- D. When required on the plans base course will be installed to the required grade in accordance with Section 02231.

SECTION 02805

RELOCATE STREET SIGNS, UTILITY POLES AND MAILBOXES

The additions, modifications and deletions herein stated are hereby made to Section 02805, RELOCATE STREET SIGNS, UTILITY POLES AND MAILBOXES, of the Wyoming Public Works Standard Specifications.

4.01 METHOD OF MEASUREMENT:

Amend Section 02805 RELOCATE STREET SIGNS, UTILITY POLES AND MAILBOXES, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02805 RELOCATE STREET SIGNS, UTILITY POLES AND MAILBOXES, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

[CONTRACTS: SS02895] 09/27/06

SECTION 02895

ENGINEERING FABRIC

The additions, modifications and deletions herein stated are hereby made to Section 02895, ENGINEERING FABRIC, of the Wyoming Public Works Standard Specifications.

4.01 METHOD OF MEASUREMENT:

Amend Section 02895 ENGINEERING FABRIC, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02895 ENGINEERING FABRIC, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

[CONTRACTS: SS02900] 09/27/06

SECTION 02900

LANDSCAPING

The additions, modifications and deletions herein stated are hereby made to Section 02900, LANDSCAPING, of the Wyoming Public Works Standard Specifications.

4.01 METHOD OF MEASUREMENT:

Amend Section 02900 LANDSCAPING, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02900 LANDSCAPING, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

SECTION 02915

UNIT PAVERS

The additions, modifications and deletions herein stated are hereby made to Section 02915, UNIT PAVERS, of the Wyoming Public Works Standard Specifications.

1.01 SUMMARY:

Amend Section 02915 UNIT PAVERS, PART 1 GENERAL, 1.01 SUMMARY to read as follows:

- A. Furnish and place base course, setting bed and interlocking concrete unit pavers, at the following locations, in the quality, shape, thickness and color specified. Coordinate with work of other sections.
 - 1. Driveways and streets.
 - 2. Walkways and plazas.

1.03 QUALITY ASSURANCE:

Amend Section 02915 UNIT PAVERS, PART 1 GENERAL, 1.03 QUALITY ASSURANCE, Paragraph A. to read as follows:

- A. Comply with applicable sections of these specifications for base course and setting bed preparation, and with ASTM C936 - "Standard Specification for Solid Concrete Interlocking Paving Units." Provide products of acceptable manufacturers which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, store, and install pavers in accordance with manufacturer's printed instructions and approved submittals.

2.01 MATERIALS:

Amend Section 02915 UNIT PAVERS, PART 2 PRODUCTS, 2.01 MATERIALS, Paragraph G. to read as follows:

- G. Base course: Comply with Section 02231 of these specifications.

3.01 PREPARATION:

Amend Section 02915 UNIT PAVERS, PART 3 EXECUTION, 3.01 PREPARATION to read as follows:

- A. The base course shall be shaped to grade and cross-section, and compacted as specified in Section 02210, to a uniform depth of six inches (6") (150 mm), held 4 1/8" (103.2 mm) below finish grade.

[CONTRACTS: SS03200] 09/27/06

SECTION 03200

CONCRETE REINFORCEMENT

The additions, modifications and deletions herein stated are hereby made to Section 03200, CONCRETE REINFORCEMENT, of the Wyoming Public Works Standard Specifications.

4.01 METHOD OF MEASUREMENT:

Amend Section 03200 REINFORCING STEEL, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 03200 REINFORCING STEEL, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

[CONTRACTS: SS03251] 09/27/06

SECTION 03251

EXPANSION AND CONTRACTION JOINTS

The additions, modifications and deletions herein stated are hereby made to Section 03251, EXPANSION AND CONTRACTION JOINTS, of the Wyoming Public Works Standard Specifications.

2.06 JOINT SEALANT – HOT-APPLIED:

Add the following to Section 03251 EXPANSION AND CONTRACTION JOINTS, PART 2 PRODUCTS, 2.06 JOINT SEALANT – HOT-APPLIED:

- F. Unless otherwise provided in the Special Provisions, Joint Sealant shall be Koch 9070 Sealant.

SECTION 03304

PORTLAND CEMENT CONCRETE

The additions, modifications and deletions herein stated are hereby made to Section 03304, PORTLAND CEMENT CONCRETE, of the Wyoming Public Works Standard Specifications.

2.04 COARSE AGGREGATE:

Amend Section 03304 PORTLAND CEMENT CONCRETE, PART 2 PRODUCTS, 2.04 COARSE AGGREGATE, Paragraph A. to read as follows:

- A. Sieve Analysis: Graded in accordance with ASTM C 33, as indicated in Table No. 03304-2.04. Unless otherwise provided in the Special Provisions, all coarse aggregate shall be Grade 57.

2.05.1 SOUNDNESS AND REACTIVITY OF AGGREGATE:

Add the following Section to follow Section 03304 PORTLAND CEMENT CONCRETE, PART 2 PRODUCTS, 2.05 FINE AGGREGATE:

2.05.1 SOUNDNESS AND REACTIVITY OF AGGREGATE:

- A. Determine coarse and fine aggregate soundness in accordance with ASTM C 88.
 - 1. For Coarse Aggregate: Weight loss; not exceeding 12 percent by weight when subjected to 5 cycles of sodium sulfate or 18 percent by weight when subjected to 5 cycles of magnesium sulfate.
 - 2. For Fine Aggregate: Weight loss; not exceeding 10 percent by weight when subjected to 5 cycles of sodium sulfate or 15 percent by weight when subjected to 5 cycles of magnesium sulfate.
- B. Determine alkali-silica reactivity in accordance with ASTM C 289. Do not use aggregates determined either potentially or actually deleterious unless service records have shown the aggregates to be innocuous and ENGINEER approves.

2.07 ACI MIX DESIGN:

Add the following to Section 03304 PORTLAND CEMENT CONCRETE, PART 2 PRODUCTS, 2.07 ACI MIX DESIGN:

- C. Unless otherwise provided in the Special Provisions or approved by the ENGINEER, concrete shall be a six (6) sack mix, minimum twenty-eight (28) day strength of 4,000 psi and four and one-half inch (4 1/2") maximum slump with five to seven percent (5-7%) air entrainment.

SECTION 03310

CONCRETE WORK

The additions, modifications and deletions herein stated are hereby made to Section 03310, CONCRETE WORK, of the Wyoming Public Works Standard Specifications.

1.01 SUMMARY:

Amend Section 03310 CONCRETE WORK, PART 1 GENERAL, 1.01 SUMMARY, Paragraph A, to read as follows:

- A. Concrete placement operations for cast-in-place slabs on grade, slabs on fill, structural frame, drive approaches, curb and gutter, sidewalk and other concrete components.

3.08 CONTROL TESTING:

Amend Section 03310 CONCRETE WORK, PART 3 EXECUTION, 3.08 CONTROL TESTING to read as follows:

- A. ENGINEER may require one slump test for each batch of concrete placed in the work.
- B. In the event that a super-plasticizer is used, ENGINEER may require two slump tests per batch, one slump test before addition of the super-plasticizer and one test after addition of the super-plasticizer.
- C. ENGINEER may require a set of at least four standard six-inch test cylinders made and tested for every concrete placement.
- D. ENGINEER may require one test for air content of the concrete for each batch of concrete placed in the work. An air content test shall also be made each time a compression test cylinder is made.

4.01 METHOD OF MEASUREMENT:

Amend Section 03310 CONCRETE WORK, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 03310 CONCRETE WORK, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

SECTION 03480

PRE-CAST CONCRETE UNITS

The additions, modifications and deletions herein stated are hereby made to Section 03480, PRE-CAST CONCRETE UNITS, of the Wyoming Public Works Standard Specifications.

1.06 DELIVERY, STORAGE AND HANDLING:

Amend Section 03480 PRE-CAST CONCRETE UNITS, PART 1 GENERAL, 1.06 DELIVERY, STORAGE AND HANDLING, Paragraph E to read as follows:

- E. Unless otherwise approved in writing by the ENGINEER, do not deliver units to job site until required for installation.

4.01 METHOD OF MEASUREMENT:

Amend Section 03480 PRE-CAST CONCRETE UNITS, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 03480 PRE-CAST CONCRETE UNITS, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

SECTION 03600

GROUT

The additions, modifications and deletions herein stated are hereby made to Section 03600, GROUT, of the Wyoming Public Works Standard Specifications.

2.02 PORTLAND CEMENT GROUT:

Amend Section 03600 GROUT, PART 2 PRODUCTS, 2.02 PORTLAND CEMENT GROUT, Paragraph A. to read as follows:

A. Grout shall be 4 sack mix, Type II Portland Cement Concrete, 65% sand, 35% pea gravel, 5" to 7" slump with 5% to 7% air entrainment.

3.01 INSTALLATION:

Amend Section 03600 GROUT, PART 3 EXECUTION, 3.01 INSTALLATION, Paragraph B. to read as follows:

B. Comply with manufacturer's instructions.

4.01 METHOD OF MEASUREMENT:

Amend Section 03600 GROUT, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 03600 GROUT, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

A. The basis of payment shall be as called for in the Special Provisions.

SECTION 09080

CHAIN LINK FENCING

2.01 MATERIALS:

- A. All fencing and accessories, wire, gates and accessories, posts and rails shall be galvanized to ASTM A-525 G-90.
- B. All pipe shall be schedule 40.
- C. Chain link fabric shall be 9 gauge, 2" mesh, 6' high, closed loop top and bottom.
- D. Line posts shall be 2" O.D., corner of brace posts shall be 3" O.D., gate posts shall be 4" O.D. and brace rail shall be 1-1/2" O.D..
- E. Brace rail shall be 1-1/2" O.D., corner or brace posts shall 3" O.D. and gate posts shall 4' O.D..
- F. Tension wire shall be one strand of 7 gauge steel, tie wire shall be one stand 9 gauge aluminum. The fence fabric ties shall be by 9 gauge wire.
- G. Tension bars shall be 3/16" x 3/4".
- H. Gate frames shall be constructed of schedule 40 pipe. Galvanized pipe shall have all welds painted with aluminum paint. Gates shall be furnished with malleable cast hinges, truss rods as shown, and freeze proof locking devices and gate holdbacks.

3.01 CONSTRUCTION:

- A. Chain link fabric shall be installed on the outside of the fence.
- B. Posts shall be of sufficient length that field welding post extensions is not required and it will not be permitted.
- C. Brace panels shall be placed at a maximum of 500' centers along the fence line, at corners and deflection points. End panels shall be placed at begin/end points and a gate posts.
- D. Tension wire and tie wire shall both be stretched from terminal to terminal and secured firmly to the fabric with 9 gauge hog rings on 24" center. The fence fabric shall be tied to the posts with 9 gauge wire 15" on centers.
- E. Gate frames shall be assembled by welding. Pipe diameters of horizontal vertical members are as shown. Gates posts and gate holdbacks shall be set in concrete.

4.01 METHOD OF MEASUREMENT AND BASIS OF PAYMENT: Method of measurement and basis of payment shall be as called for in the Special Provisions.

www.ada.gov/taman2.html#II-5.3000

The Americans with Disabilities Act

Title II Technical Assistance Manual

Covering State and Local Government Programs and Services

II-5.3000 Curb ramps. Public entities that have responsibility or authority over streets, roads, or walkways must prepare a schedule for providing curb ramps where pedestrian walkways cross curbs. Public entities must give priority to walkways serving State and local government offices and facilities, transportation, places of public accommodation, and employees, followed by walkways serving other areas. This schedule must be included as part of a transition plan (see II-8.3000).

To promote both efficiency and accessibility, public entities may choose to construct curb ramps at every point where a pedestrian walkway intersects a curb. However, public entities are not necessarily required to construct a curb ramp at every such intersection.

Alternative routes to buildings that make use of existing curb cuts may be acceptable under the concept of program accessibility in the limited circumstances where individuals with disabilities need only travel a marginally longer route. In addition, the fundamental alteration and undue burdens limitations may limit the number of curb ramps required. To achieve or maintain program accessibility, it may be appropriate to establish an ongoing procedure for installing curb ramps upon request in areas frequented by individuals with disabilities as residents, employees, or visitors.

SECTION 01041

PROJECT COORDINATION

The additions, modifications and deletions herein stated are hereby made to Section 01041, PROJECT COORDINATION, of the Wyoming Public Works Standard Specifications.

1.01 SUMMARY:

Amend Section 01041 PROJECT COORDINATION, PART 1 GENERAL, 1.01 SUMMARY, Paragraphs B. and C. to read as follows:

- B. Conduct all construction activities between the hours 7:00 a.m. and 6:00 p.m., Monday through Friday, except for emergencies. No work will be allowed on Saturdays or Sundays without OWNER'S permission, except for emergencies.
- C. Water for use during construction will be obtained by CONTRACTOR at his expense. If he elects to obtain water from the public utility, he will make all the arrangements, comply with their regulations, and pay all fees and charges as set forth by the public utility. Further provisions in respect to water for use during construction may be included in the Special Provisions.

1.03 COORDINATION WITH OWNER AND ENGINEER:

Amend Section 01041 PROJECT COORDINATION, PART 1 GENERAL, 1.03 COORDINATION WITH OWNER AND ENGINEER, Paragraphs A. and B. to read as follows:

- A. OWNER will provide engineering surveys to establish bench marks and survey stakes as necessary. CONTRACTOR shall, without cost to the owner, provide assistance as may be required by ENGINEER in making surveys. Bench marks and survey stakes shall be preserved by CONTRACTOR and in the case of their destruction they will be replaced by ENGINEER at CONTRACTOR'S expense. Construct all work in accordance with the lines and grades shown on the Drawings, and as designated by ENGINEER. These lines and grades may be modified by ENGINEER as provided in the General Conditions. Notify ENGINEER a minimum of 24 hours in advance to request surveying. Further provisions in respect to bench marks and survey stakes may be included in the Special Provisions.
- B. Unless otherwise provided for in the Contract, OWNER shall employ and pay for the services of an independent testing laboratory to perform all tests required by the Contract Documents. CONTRACTOR shall correct work failing such tests and test corrected work by an independent testing laboratory at CONTRACTOR'S expense. Selection of testing laboratory employed by CONTRACTOR shall be subject to approval of ENGINEER. Notify ENGINEER a minimum of 24 hours in advance to request testing.

SECTION 01090

REFERENCES

The additions, modifications and deletions herein stated are hereby made to Section 01090, REFERENCES, of the Wyoming Public Works Standard Specifications.

1.02 DEFINITIONS:

Amend Section 01090 REFERENCES, PART 1 GENERAL, 1.02 DEFINITIONS, Paragraph A, to read as follows:

- A. These specifications use "Article 1 – DEFINITIONS AND TERMINOLOGY" of the Standard General Conditions of the Construction Contract, Form EJCDC C-700, prepared and issued by the Engineers Joint Contract Documents Committee (EJCDC 2002), as the basis for the definition of terms herein. Changes in these definitions shall be made either by substitution for that article or as Supplementary Conditions.

Amend Section 01090 REFERENCES, PART 1 GENERAL, 1.02 DEFINITIONS, Paragraph B, 2, to read as follows:

2. Approved: Acceptance of an item submitted for approval. Not a limitation or release for compliance with the Contract Documents or any regulatory requirements. Refer to limitations of "Approved" in the EJCDC General Conditions, Paragraph 1.02 Terminology, B. Intent of Certain Terms or Adjectives, 1., if used.

SECTION 01442

PARTNERING

The additions, modifications and deletions herein stated are hereby made to Section 01442, PARTNERING, of the Wyoming Public Works Standard Specifications.

3.01 FACILITATOR:

Amend Section 01442 PARTNERING, PART 3 EXECUTION, 3.01 FACILITATOR, Paragraph A. to read as follows:

- A. Upon agreement of all parties involved, a professional Facilitator may be employed to oversee and guide a meeting of decision making personnel from every entity involved in the project. The Facilitator's role, should a Facilitator be employed, is to explain the process and pave the way to collective understanding.

3.02 PROCESS:

Amend Section 01442 PARTNERING, PART 3 EXECUTION, 3.02 PROCESS, Paragraph A. to read as follows:

- A. Executive (decision making) people from involved entities, generally the Owner, Contractor, and Engineer/Architect meet to, by mutual agreement, explore each other's concepts of their roles in the project as well as their own. The Facilitator, should a Facilitator be involved in the process, guides the discussion and aids in establishing project goals such as avenues to avoiding disputes and quick resolution of problems. Establishment of communication with agreed upon paths to success for everyone involved is the goal. The strength of the process is the mutual commitment and consensus, with all parties signing onto the pact being required for success of the process.

SECTION 01505

TEMPORARY FACILITIES

Delete 01505, TEMPORARY FACILITIES, of the Wyoming Public Works Standard Specifications, in its entirety, and insert the following in its place:

SECTION 01505

TEMPORARY FACILITIES

PART 1 GENERAL

1.01 SUMMARY

- A. Furnish temporary services and utilities, including use fees and operation costs:
 - 1. Potable and non-potable water
 - 2. Lighting and power
 - 3. Materials storage
- B. Furnish construction facilities, including utility costs:
 - 1. Construction equipment
 - 2. Dewatering and pumping
- C. Furnish security and protection requirements:
 - 1. Fire extinguishers
 - 2. Site enclosure fence, barricades, warning signs, and lights
 - 3. Snow and ice removal, if applicable
- D. Furnish personnel support facilities:
 - 1. Sanitary facilities
 - 2. Drinking water
 - 3. First aid facilities
 - 4. Coordinate emergency medical services
 - 5. Trash removal

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION (NOT USED)

PART 4 METHOD OF MEASUREMENT

4.01 METHOD OF MEASUREMENT

- A. No separate measurement will be made for items under this section. Full compensation shall be considered as included in the prices paid for the various contract items and no additional compensation will be allowed therefore.

4.02 BASIS OF PAYMENT

- A. No separate payment will be made for items under this section. Full compensation shall be considered as included in the prices paid for the various contract items and no additional compensation will be allowed therefore.

SECTION 02050

REMOVAL AND DISPOSAL OF STRUCTURES AND OBSTRUCTIONS

The additions, modifications and deletions herein stated are hereby made to Section 02050, REMOVAL AND DISPOSAL OF STRUCTURES AND OBSTRUCTIONS, of the Wyoming Public Works Standard Specifications.

3.01 CONSTRUCTION METHODS:

Add the following Paragraph 6 to Section 02050 REMOVAL AND DISPOSAL OF STRUCTURES AND OBSTRUCTIONS, PART 3 EXECUTION, 3.01 CONSTRUCTION METHODS.

6. Minimum length of removal and replacement of sidewalk, curb and gutter, combined curb, gutter and sidewalk shall be five (5) lineal feet, or as directed by ENGINEER.

4.01 METHOD OF MEASUREMENT:

Amend Section 02050 REMOVAL AND DISPOSAL OF STRUCTURES AND OBSTRUCTIONS, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02050 REMOVAL AND DISPOSAL OF STRUCTURES AND OBSTRUCTIONS, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

SECTION 02110

CLEARING AND GRUBBING

The additions, modifications and deletions herein stated are hereby made to Section 02110, CLEARING AND GRUBBING, of the Wyoming Public Works Standard Specifications.

4.01 METHOD OF MEASUREMENT:

Amend Section 02110 CLEARING AND GRUBBING, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.01 METHOD OF MEASUREMENT to read as follows:

- A. The method of measurement shall be as called for in the Special Provisions.

4.02 BASIS OF PAYMENT:

Amend Section 02110 CLEARING AND GRUBBING, PART 4 METHOD OF MEASUREMENT AND BASIS OF PAYMENT, 4.02 BASIS OF PAYMENT to read as follows:

- A. The basis of payment shall be as called for in the Special Provisions.

SECTION 02190

AGGREGATES

The additions, modifications and deletions herein stated are hereby made to Section 02190, AGGREGATES, of the Wyoming Public Works Standard Specifications.

1.01 SUMMARY:

Amend the Paragraph A. of Section 02190 AGGREGATES, PART 1 GENERAL, 1.01 SUMMARY to read as follows:

- A. This section includes the preparation and stockpiling of aggregates for Portland cement concrete, bases, bituminous pavements and surface treatment, cover coats, bed courses, drains, pervious backfill and riprap.

2.02 AGGREGATE FOR PORTLAND CEMENT CONCRETE:

Add the following to Paragraph 1. of Section 02190 AGGREGATES, PART 2 PRODUCTS, 2.02 AGGREGATE FOR PORTLAND CEMENT, B. COARSE AGGREGATE:

Aggregate shall be forty percent crushed limestone, or as approved by ENGINEER.

Amend the last sentence of Paragraph 2. c. of Section 02190 AGGREGATES, PART 2 PRODUCTS, 2.02 AGGREGATE FOR PORTLAND CEMENT CONCRETE, B. COARSE AGGREGATE to read as follows:

If not specified, Type 57 shall be the gradation used.

2.03 AGGREGATE FOR UNTREATED SUB-BASE AND BASE:

Amend the last entry in the gradation chart in Paragraph 3., for #200 sieve, Grading D, of Section 02190 AGGREGATES, PART 2 PRODUCTS, 2.03 AGGREGATE FOR PORTLAND CEMENT CONCRETE, B. COARSE AGGREGATE to read as follows:

<u>Sieve Designation</u>	<u>Grading D</u>
#200	2 - 15

2.08 AGGREGATE FOR PLANT MIX WEARING COURSE:

Amend the last two entries in the gradation chart in Paragraph A., for #8 and #200 sieves, Type A, of Section 02190 AGGREGATES, PART 2 PRODUCTS, 2.08 AGGREGATE FOR PLANT MIX WEARING COURSE, to read as follows: