

## **NMDOT and NMSSPWC Specifications**

### **APWA New Mexico Chapter Construction Specifications**

<http://newmexico.apwa.net/PageDetails/6441>

### **Standard Specifications for Highway and Bridge Construction New Mexico Department of Transportation 2019 Edition**

[https://dot.state.nm.us/content/dam/nmdot/Plans\\_Specs\\_Estimates/2019\\_Specs.pdf](https://dot.state.nm.us/content/dam/nmdot/Plans_Specs_Estimates/2019_Specs.pdf)

**SPECIAL PROVISIONS  
AZTEC NORTH MAIN CORRIDOR  
CITY OF AZTEC, NEW MEXICO**

The *New Mexico Department of Transportation Standard Specifications for Highway and Bridge Construction*, 2019 Edition (NMDOT specs) controls construction of this project. In accordance with the NMDOT specs Section 663, the *New Mexico Standard Specifications for Public Works Construction*, 2006 edition (NMSSPWC) controls construction of various utility items and appurtenances. The following special provisions supplement or modify the Standard Specifications and take precedence over the Standard Specifications.

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## REVISION OF NMDOT SECTION 570

### PIPE CULVERT

**Section 570** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 570.2.1.5** is hereby deleted and replaced with the following:

#### **570.2.1.5 Selecting Pipe**

The contractor shall utilize the pipe material called for in the plans. Pipe handling, laying, jointing, bedding and backfilling shall be performed per manufacturer's Specifications and recommendations and all project, NMDOT, and NMSSPWC specifications and requirements. Where a conflict arises between these requirements, the City of Aztec or there designated representative shall determine the applicable requirement.

**REVISION OF NMDOT SECTION 601**

**REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

**Section 601** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 601.5** hereby includes the following additional Pay Items and Pay Units:

Pay Item	Pay Unit
Asphalt Saw Cutting	Linear Foot (LF)
Concrete Saw Cutting	Linear Foot (LF)
Removal of Concrete Curb and Gutter	Linear Foot (LF)

**Subsection 601.5.1.** is hereby deleted.

## REVISION OF NMDOT SECTION 603

### TEMPORARY EROSION AND SEDIMENT CONTROL

**Section 603** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 603.1.1.1 Final Erosion and Sediment Control Plan** is hereby deleted

**Subsection 603.1.1.2 Department Responsibilities** is hereby deleted

**Subsection 603.1.1.3 Contractor Responsibilities** is hereby deleted and replaced with the following:

#### **603.1.1.3 Contractor Responsibilities**

Before disturbing any soil, the Contractor shall prepare and submit to the Project Manager a Contractor developed SWPPP based on the planned construction phasing and schedule. The contractor shall obtain and maintain compliance with a National Pollution Discharge Elimination System (NPDES) Construction General Permit (General Permit). The Contractor shall prepare amendments to the SWPPP as Work progresses or as phasing or scheduling changes are made. Specifically, the Contractor shall prepare a Construction Phase SWPPP, complying with provisions of the NPDES Construction General Permit, and include at least the following items or activities:

1. Develop the SWPPP using a combination of structural, non-structural, and vegetative best management practices (BMPs) appropriate for the identified location to control erosion and sedimentation and manage storm water during construction activities;
2. Include proposed methods for minimizing or eliminating pollution of streams, lakes, reservoirs, canals, and other water impoundments from storm water discharge associated with construction activities;
3. Do not start earth—disturbing activities until the Contractor developed SWPPP has been submitted and the NOI is active;
4. Refer to the recommendations in the current version of the Department's National Pollutant Discharge Elimination System Manual: Storm Water Management Guidelines for Construction and Industrial Activities;
5. Provide a signed, certified statement that states the terms and conditions of the NPDES General Permit are fully understood. Include a statement of intent to fully implement the SWPPP as proposed or modified at the pre-construction meeting in the certification; and
6. Maintain the SWPPP in accordance with the NPDES Construction General Permit until final grading, erosion control, and seeding operation completion.

**Subsection 603.4.1 SWPPP Plan Preparation and Maintenance** is hereby deleted and replaced by the following:

#### **603.4.1 SWPPP Plan Preparation and Maintenance**

The Department will pay the Contractor's bid price to prepare the SWPPP, obtain and maintain the General Permit, prepare and install all BMPs associated with executing the SWPPP and maintaining compliance with all relevant NPDES permit items.

**Subsection 603.5 BASIS OF PAYMENT** is hereby deleted and replaced with the following:

**603.5 BASIS OF PAYMENT**

Pay Item	Pay Unit
Stormwater Management	Lump Sum (LS)

**REVISION OF NMDOT SECTION 608**

**SIDEWALKS, DRIVE PADS, AND CONCRETE MEDIAN PAVEMENT**

**Subsection 608.3.7 Surface Tolerance** is hereby deleted and replaced with the following:

**608.3.7 Surface Tolerance**

The Contractor shall not allow the surface of concrete Sidewalks and Median pavement to deviate more than 1/4 inch (in any direction), if tested with a ten (10) ft straightedge. In no case shall final grades of concrete exceed maximum grades allowed by ADA Accessibility Guidelines (ADAAG). This requirement shall supersede all other tolerances and allowances. The Contractor shall correct deviations at no additional cost to the Department. The Project Manager must approve the correction method.

**Subsection 608.5 Pay Items** hereby includes the following pay items in addition to those listed:

Pay Item	Pay Unit
ADA Ramp with Detectable Warning Surface	Each (EA)
ADA Compliant Pedestrian Crossing with Trench Drain	Each (EA)

**Subsection 608.5.1 Work Included in Payment** is hereby deleted and replaced with the following:

**608.5.1 Work Included in Payment**

The following Work and items will be considered Incidental to the main items:

1. All labor, manufacturer field assistance, Materials, Equipment, submittals, repairs, and cleanup;
2. Detectable warning surface; and
3. Excavation, backfill, compaction, expansion joint, coloring, and other related items and appurtenances.
4. Bedding Material (or base courses) shall be paid separately in their respective line items.

**REVISION OF NMDOT SECTION 609**

**CURB AND GUTTER**

**Section 609** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 609.5 BASIS OF PAYMENT** hereby includes the following the following:

**603.5 BASIS OF PAYMENT**

Pay Item	Pay Unit
Curb and Gutter – 5-ft gutter	Linear Foot (LF)



## REVISION OF NMDOT SECTION 663

### UTILITY ITEMS

**Subsection 663.1.1.2 Applicable Sections** hereby includes the following sections of these Special Provisions in addition to those NMSSPWC sections listed:

1. Section 1506, "Potholing;"
2. Section 1507, "Gas Main;"
3. Section 1508, "Electric Service Line."

**Subsection 663.1.1.3 Modifications to NMSSPWC** is hereby deleted

**Subsection 663.4 METHOD OF MEASUREMENT** is hereby deleted

**Subsection 663.5 BASIS OF PAYMENT** is hereby deleted

**REVISION OF NMDOT SECTION 701**

**TRAFFIC SIGNS AND STRUCTURES**

**Section 701** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 701.5** is hereby deleted and replaced with the following:

All items under this section shall be paid under item #700000 on a lump sum basis.  
Subsection 701.5.1 remains in effect.

**REVISION OF NMDOT SECTION 702**

**CONSTRUCTION TRAFFIC CONTROL DEVICES**

**Section 702** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 702.5** is hereby deleted and replaced with the following:

All items under this section shall be paid under item #702810 on a lump sum basis.  
Subsection 702.5.1 remains in effect.

**REVISION OF NMDOT SECTION 704**

**PAVEMENT MARKINGS**

**Section 704** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 704.5** is hereby deleted and replaced with the following:

All items under this section shall be paid under item #700000 on a lump sum basis.  
Subsections 704.5.1 and 704.5.2 remain in effect.

**REVISION OF NMSSPWC SECTION 701**

**TRENCHING, EXCAVATION AND BACKFILL**

**Section 701** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 701.17.1.3** is hereby deleted and replaced by the following:

Subsection 701.17.1.3 The unit of measurement shall be by the linear foot at the depth shown in the plans.

**Subsection 701.17.1.4** is hereby deleted

**REVISION OF NMSSPWC SECTION 801**

**INSTALLATION OF WATER TRANSMISSION, COLLECTOR  
AND DISTRIBUTION LINES**

**Section 801** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 801.22.2** is hereby deleted and replaced by the following:

Subsection 801.22.2 TRENCHING AND BACKFILL:

The contract unit price for pipe and appurtenances in all cases shall include the trenching, installation, and compacted backfilling for trench cuts at the depth shown in the plans, as specified in Section 701.

**Subsection 801.22.4.1** is hereby revised to replace the unit of measurement of per pound with per each.

**Subsection 801.22.4.3** is hereby revised to replace the unit of measurement of per pound with per each.

**REVISION OF NMSSPWC SECTION 901**

**SANITARY SEWER COLLECTOR AND INTERCEPTOR FACILITIES**

**Section 901** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 901.9.1.1** is hereby deleted and replaced by the following:

Subsection 901.9.1.1 For straight lines the pipe length shall be the intervening distance between the inner edges of manholes along a line parallel to the pipe invert.

**Subsection 901.9.1.2** is hereby deleted and replaced by the following:

Subsection 901.9.1.2 For curvilinear lines the pipe length shall be the intervening arc distance between the inner edges of manholes along a line parallel to the pipe invert.

**Subsection 901.9.1.3** is hereby deleted and replaced by the following:

Subsection 901.9.1.3 For lateral lines, such as from main or manhole to a storm inlet, the pipe length shall be the distance between the inner edge of the manhole or centerline of main to the interior wall face of the storm inlet along a line parallel to the pipe invert.

**Subsection 901.9.1** shall include the following:

Subsection 901.9.1.5 The contract unit price for pipe and appurtenances in all cases shall include the trenching, installation, and compacted backfilling for trench cuts at the depth shown in the plans, as specified in Section 701.

## REVISION OF NMSSPWC SECTION 910

### STORM SEWER PIPE INSTALLATIONS

**Section 910** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 910.9.1.1** is hereby deleted and replaced by the following:

Subsection 910.9.1.1 For straight lines the pipe length shall be the intervening distance between the inner edges of manholes along a line parallel to the pipe invert.

**Subsection 910.9.1.2** is hereby deleted and replaced by the following:

Subsection 910.9.1.2 For curvilinear lines the pipe length shall be the intervening arc distance between the inner edges of manholes along a line parallel to the pipe invert.

**Subsection 910.9.1.3** is hereby deleted and replaced by the following:

Subsection 910.9.1.3 For lateral lines, such as from main or manhole to a storm inlet, the pipe length shall be the distance between the inner edge of the manhole or centerline of main to the interior wall face of the storm inlet along a line parallel to the pipe invert.

**Subsection 910.9.1** shall include the following:

Subsection 910.9.1.5 The contract unit price for pipe and appurtenances in all cases shall include the trenching, installation, and compacted backfilling for trench cuts as specified in Section 701.



**REVISION OF NMSSPWC SECTION 915**  
**STORM SEWER DRAINAGE APPURTENANCES**

**Section 915** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 915.6.1** is hereby deleted.

**Subsection 915.6.2** is hereby deleted.

**Subsection 915.6.3** is hereby deleted.

**Subsection 915.6.5** is hereby deleted.

**REVISION OF NMSSPWC SECTION 920**

**SANITARY AND STORM MANHOLES**

**Section 920** of the Standard Specifications is hereby revised for this project as follows:

**Subsection 920.8.2.2** is hereby deleted and replaced by the following

Subsection 920.8.2.2 The measurement and payment for rim elevation adjustments on existing manholes will be made on a per each basis.

**Subsection 920.8.2.2.1** is hereby deleted

**Subsection 920.8.2.2.2** is hereby deleted

**Subsection 920.8.2.2.3** is hereby deleted

## SECTION 1506

### POTHOLING

**Section 1506** is hereby added to the Standard Specifications for this project as follows:

#### 1506.1 GENERAL

Potholing shall be performed in advance of excavation in order to determine location and depth of all underground utilities shown on plans or marked in the field. The work shall be performed with appropriate equipment and care as to not damage the existing utilities.

#### 1506.2 REFERENCES

1506.2.1 *New Mexico Standard Specifications for Public Works Construction. 2006*

Section 701

#### 1506.3 DAMAGE TO UTILITIES

Any damage to existing utilities shall be repaired immediately at the contractor's expense.

#### 1506.4 MEASUREMENT AND PAYMENT

Potholing shall include all necessary permits, locating services, and excavation needed to expose the utilities. Upon exposure of the utilities their location shall be surveyed and the utility bedded and backfilled to original grade in accordance with Section 701.

Measurement and payment shall be on an hourly basis for excavation and backfilling equipment and labor being used for potholing operations as directed. All other cost related to the potholing work shall be considered incidental and will not be measured or paid for separately.

## SECTION 1507

### GAS MAIN

**Section 1507** is hereby added to the Standard Specifications for this project as follows:

#### 1507.1 GENERAL

Gas main installation in shared trench with water main.

#### 1507.2 REFERENCES

1507.2.1 *New Mexico Plumbing Code. 2006*

Chapter 12

#### 1507.3 GAS MAIN INSTALLATION

Gas main installation shall be in accordance with Chapter 12 of the New Mexico Plumbing Code, 2006.

#### 1507.4 MEASUREMENT AND PAYMENT

Work to be included in unit price shall consist of installation of pipe and fittings, bedding, installation of tracer wire, and installation of warning ribbon. The CONTRACTOR is responsible for coordinating with New Mexico Gas for inspections during the installation of pipe. The cost of trenching, backfilling, and compaction to subgrade are not included in this work; they shall be included in the unit price for Water Main.

Measurement and payment shall be on a linear foot basis as shown on the plans.

## SECTION 1508

### PRIMARY ELECTRIC SERVICE LINE

**Section 1508** is hereby added to the Standard Specifications for this project as follows:

#### 1508.1 GENERAL

Installation of primary electric service line conduit, including trenching.

#### 1508.2 REFERENCES

1508.2.1 *New Mexico Standard Specifications for Public Works Construction, 2006*

Section 701

1508.2.2 *New Mexico DOT Standard Specifications for Highway and Bridge Construction, 2007*

Section 709

#### 1508.3 TRENCHING

Trenching, bedding, and backfill shall be in accordance with Section 701.

#### 1508.4 CONDUIT INSTALLATION

Conduit installation shall be in accordance with Section 709 of the NMDOT Standard Specifications for Highway and Bridge Construction, 2007.

#### 1508.5 MEASUREMENT AND PAYMENT

Work to be included in unit price shall consist of all labor, materials, and equipment costs associated with the excavation of the trench and laying of conduit, including dewatering, excavation, rock excavation (blasting) and the legal disposal of the excavated material, bedding for the conduit, backfilling and compacting the trench with approved backfill up to the bottom of the required base course.

CONTRACTOR shall be responsible for the installation conduit, pull boxes, and warning tape. The CITY will furnish wire and pull it through conduit.

Measurement and payment shall be on a linear foot basis as shown on the plans.