

March 27, 2006

**SPECIAL SPECIFICATION**

**SECTION 01001S**

**MODIFYING THE NEW MEXICO DEPARTMENT OF TRANSPORTATION  
STANDARD SPECIFICATIONS**

**New Mexico Department of Transportation Standard Specifications Used in This Project:**

- Section 104 Scope of Work
- Section 603 Temporary Erosion and Sediment Control
- Section 618 Traffic Control Management
- Section 701 Traffic Signs and Sign Structures
- Section 702 Traffic Control Devices for Construction
- Section 704 Pavement Markings
- Section 801 Construction Staking by the Contractor

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**MODIFYING THE NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD  
SPECIFICATIONS**

General Modifications

1. On July 1, 2003, the New Mexico State Highway and Transportation Department (NMSHTD) changed its name to New Mexico Department of Transportation (NMDOT). Both names are used interchangeably in this and the referenced specifications.
2. The following table shall be applied to all New Mexico State Highway and Transportation Department Standard Specifications in order to change certain commonly used terms found in these Specifications to their Sandia equivalent, specific to this Project. Wherever the NMSHTD term from the column at left is found the Sandia (SNL) term from the column at right should be substituted.

NMSHTD Term

SNL Term

Project Manager	SDR
The Department	SDR or Sandia National Laboratories (SNL)
Traffic Services Engineer	SNL Traffic Engineer
Engineer	SDR
District Traffic Engineer	SNL Traffic Engineer

Section-By-Section Modifications

1. Section 104:
  - A. All work shall be done in compliance with Section 104 of the latest version of the New Mexico State Highway and Transportation Department – Standard Specifications for Highway and Bridge Construction (with exceptions below).
    1. Paragraph 104.1 – Delete this paragraph in its entirety.
    2. Paragraph 104.2 – Delete this paragraph in its entirety.
    3. Paragraph 104.3 – Delete this paragraph in its entirety.
    4. Paragraph 104.4 – Delete this paragraph in its entirety.
    5. Paragraph 104.5 – Delete all and insert: “The Contractor shall furnish, erect, and maintain barricades, warning signs, and flagmen in accordance with the MUTCD, the Contractor prepared and SNL approved Traffic Control Plan, the Traffic Control Details included on the drawings, and the requirements of NMSHTD Sections 618, 701, 702, and 704 of these Modifications. Flagmen shall be provided with equipment and training pursuant to the current “Instructions to Flagmen” issued by the New Mexico State Highway and Transportation Department. The equipment used by the flagmen shall be kept clean and in good repair by the Contractor at the Contractor’s expense. The Contractor shall take all steps necessary to either keep the existing

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roadway open with a minimum of inconvenience to SNL or provide an approved alternate route.

When requested by the Contractor and approved by the SDR, or when shown on the plans, sections of the project will be opened to traffic prior to completion of the entire contract. Such opening shall not constitute acceptance of the work or any part thereof or a waiver of any provisions of the contract. For sections not shown on the plans, written instructions from the SDR will state which sections will be opened prior to completion of the Contract.

On any portions of the project which are ordered by the SDR to be opened for traffic in the case of unforeseen necessity which is not the fault of the Contractor, compensation for additional expenses, if any, and an allowance for additional time, if any, shall be negotiated and set forth in a Change Order if such adjustment qualifies under the Standard Terms and Conditions of the Contract.

When a section is opened as a result of the Contractor's request, the Contractor shall remain liable until final acceptance of the entire phase, and damage to the waterlines, streets, walks or landscaping occurring before that time shall be repaired by the Contractor at the Contractor's expense.

The Contractor's equipment shall enter and leave the traveled way only in the direction of public traffic. All movements on or across the traveled way shall be performed in a manner that will not endanger the traveling public.

When directed by the SDR, the Contractor shall maintain the pavement surface of the lanes open to traffic adjacent to the work zone within the limits of the project traffic control. This work will be paid for in accordance with Standard Terms and Conditions of the Contract.

Sandia will be responsible for snow removal on all sections of roadway open to the traveling public. The Contractor shall be responsible for snow removal as required for the protection of the work on all sections of the project not open to the traveling public.

Should the Contractor fail to furnish warning devices, take protective measures as above provided, complete street, walks, landscape repairs or other features of the work, the SDR, at his or her discretion, will so notify the Contractor in writing of the defects along with a reasonable period of time in which the work must be corrected or completed. If the Contractor fails to make a reasonable effort toward correction in this period of time, the SDR may then take such steps, as the SDR deems necessary, to correct defects or the SDR may terminate the contract for default under Standard Terms and Conditions of the Contract."

6. Paragraph 104.6 – Delete this paragraph in its entirety.

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7. Paragraph 104.7 – Delete this paragraph in its entirety.
  8. Paragraph 104.8 – Delete this paragraph in its entirety.
2. Section 603:
- A. All work shall be done in compliance with Section 603 of the New Mexico State Highway and Transportation Department – Standard Specifications for Highway and Bridge Construction (with exceptions below).
    1. The Measurement and Payment sections of Specification Section 603 shall be deleted. This includes Sections 603.4, 603.5, and 603.6. No separate measurement and payment for these items of work shall be allowed.
    2. Paragraph 603.11 – Delete the first sentence from this paragraph, and insert the sentence, “This work shall consist of constructing, inspecting, and maintaining erosion and sediment control measures in accordance with these specifications and in compliance with the SNL-approved Stormwater Pollution Prevention Plan (SWPPP).”
    3. Paragraph 603.12 – Delete this paragraph in its entirety, and insert, “Storm Water Pollution Prevention Plan (SWPPP). SWPPP is a document that contains documentation and forms related to the management of storm water during construction activities by Sandia National Laboratories and the Contractor certifying that they will comply with the project’s SWPPP, the Contractor filing a Notice of Intent with the United States Environmental Protection Agency, obtaining a Construction General Permit (CGP) which authorizes storm water discharges from construction activities, implementing Best Management Practices (BMPs) contained in the SWPPP, and ensuring compliance with the SWPPP by performing the required inspections, keeping and posting the proper records, and taking corrective actions where needed. SNL has prepared a SWPPP that shall be used as the basis for the Contractor’s SWPPP for this project.”
    4. Paragraph 603.121 – Delete this paragraph in its entirety, and insert, “Temporary Erosion and Sediment Control Plan (TESCP). The TESCP is typically a set of sheets that depict the location, type, and length of temporary erosion and sediment control measures. This project shall require the Contractor to implement the BMPs contained in the TESCP in the SWPPP in order to temporarily control erosion and sediment during the Contractor’s construction activities. Detail sheets of the BMPs that are applicable to this project are contained in the SWPPP. The Contractor is responsible for following the TESCP, complying with the SWPPP, and implementing the appropriate BMPs. The SWPPP contains 11” x 17” fold out maps that may be edited and used to document the TESCP/BMPs or the Contractor can provide their own maps that identify the location, type, and length of each BMP.”
    5. Paragraph 603.122 – Delete this paragraph in its entirety.

6. Paragraphs 603.2 and 603.25 – Delete these paragraphs in their entirety.
7. Paragraph 603.321 – Delete the fifth sentence from this paragraph.
8. Paragraph 603.4 – Delete this paragraph in its entirety.

3. Section 618:

- A. All work shall be done in compliance with Section 618 of the New Mexico State Highway and Transportation Department – Standard Specifications for Highway and Bridge Construction (with exceptions below).
  1. The Measurement and Payment sections of Specification Section 618 shall be deleted. This includes Sections 618.4 and 618.5. No separate measurement and payment for these items of work shall be allowed.
  2. Paragraph 618.231 – Delete this paragraph in its entirety.
  3. Paragraph 618.31 – Delete the fifth sentence from this paragraph, and insert the sentence, “When a project is under suspension due to the Contractor’s failure to comply with this section, the Contractor shall continue to provide traffic control management and no additional measurement or payment will be made.”
  4. Standard Traffic Control Plans/Details/Notes are included on the drawings. Project coordination requirements are also indicated on the drawings. Contractor is responsible for coordinating waterline replacement activities with building service requirements.
  5. The Contractor shall submit a detailed Traffic Control Plan for SNL approval two weeks prior to commencement of the waterline replacement should the provided approved Traffic Control Plan be altered.
  6. Traffic control measures must always allow for emergency vehicles a minimum of a 14-foot wide pathway. Coordinate with SDR.

4. Section 701:

- A. All work shall be done in compliance with Section 701 of the New Mexico State Highway and Transportation Department – Standard Specifications for Highway and Bridge Construction (with exceptions below).
  1. The Measurement and Payment sections of Specification Section 701 shall be deleted. This includes Sections 701.5 and 701.6. No separate measurement and payment for these items of work shall be allowed.

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2. Paragraph 701.211 – Delete all and insert: Sign Manufacturer's Quality Control. The Contractor shall provide certification that the signs are manufactured in accordance with the New Mexico State Highway and Transportation Department's Certified Quality Control Program.
3. Paragraph 701.212 – Delete this paragraph in its entirety.
4. Paragraph 701.213 – Delete this paragraph in its entirety.
5. Paragraph 701.214.A.4 – “Property of Sandia National Laboratories, Defacing or Theft is a crime.”
6. Section 701.215 – Delete the term “Project Manager,” and insert the term, “Sandia’s Traffic Engineer or Title III Services A/E.”
7. Section 701.221 – Delete the term “Department’s,” and insert the term, “New Mexico State Highway and Transportation Department.”
8. Paragraph 701.226 – Delete the last sentence from this paragraph, and insert the sentence, “Signs not conforming in all respects to the requirements of these specifications may be rejected.”
9. Paragraph 701.24 – Delete the term “Departments,” and insert the term, “New Mexico State Highway and Transportation Department.”
10. Paragraph 701.31 – Delete the second sentence from this paragraph, and insert the sentence, “Title III service A/E will review shop drawings.”
11. Section 701.32 – Delete the first sentence of this paragraph, and insert the sentence, “Standard signs shall be constructed in accordance with the drawings.”
12. Paragraph 701.41 – Delete the term “Contract,” and insert the term, “SNL-approved traffic control plans.”
13. Paragraph 701.41 – Delete the last sentence from this paragraph, and insert the sentence, “Existing traffic control signs and sign structures removed by the Contractor shall be delivered to locations designated in the Contract, or by the Project Manager.”
14. Paragraph 701.44 – Delete this paragraph in its entirety.
15. Paragraph 701.452 – Delete the third sentence from this paragraph, and insert the sentence, “Holes left by the removal of I-beam post footing shall be backfilled and compacted in compliance with Specification Section 02200S, “Earthwork.””

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5. Section 702:

A. All work shall be done in compliance with Section 702 of the New Mexico State Highway and Transportation Department – Standard Specifications for Highway and Bridge Construction (with exceptions below).

1. The Measurement and Payment sections of Specification Section 702 shall be deleted. This includes Sections 702.4 and 702.5. No separate measurement and payment for these items of work shall be allowed.
2. Paragraph 702.212 – Delete the term, “Department’s,” and insert the term, “New Mexico State Highway and Transportation Department.”
3. Section 702.223 – Delete this paragraph in its entirety.
4. Section 702.31 – Delete the term “Contract,” and insert the term, “SNL-approved, Contractor-submitted traffic control plans.”
5. Paragraph 702.311 – Delete the term, “Departments,” and insert the term, “New Mexico State Highway and Transportation Department.”
6. Section 702.312 – Delete this paragraph in its entirety.
7. Paragraph 702.34 – Delete the second sentence from this paragraph, and insert the sentence, “When a message board doesn’t function, it must be corrected immediately.”

6. Section 704:

A. All work shall be done in compliance with Section 704 of the New Mexico State Highway and Transportation Department – Standard Specifications for Highway and Bridge Construction (with exceptions below).

1. The Measurement and Payment sections of Specification Section 704 shall be deleted. This includes Sections 704.5 and 704.6. No separate measurement and payment for these items of work shall be allowed.
2. Paragraph 704.21 – Delete the term “Department’s,” and insert the term, “New Mexico State Highway and Transportation Department’s.”
3. Paragraph 704.22 – Delete the term “Department’s” and insert the term “New Mexico State Highway and Transportation Department’s.”
4. Paragraph 704.31 – Delete the second sentence of this paragraph.
5. Paragraph 704.331 – Delete this paragraph in its entirety.

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6. Paragraph 704.343 – Delete the term “Project Manager,” and insert the term, “Sandia Traffic Engineer.”
7. Paragraph 704.4 – Delete this paragraph in its entirety, and insert the sentence, “The Contractor shall dispose of thinner, solvent, and all other hazardous waste in accordance with the Contract.”

7. Section 801:

Highway and Transportation Department – Standard Specifications for Highway and Bridge Construction (with exceptions below).

1. The Measurement and Payment section of the Specification Section 801 shall be deleted. This includes Sections 801.4 and 801.5. No separate measurement and payment for these items of work shall be allowed.
2. Paragraph 801.12 – Delete this paragraph in its entirety, and insert, “The Department will furnish to the Contractor sufficient data to lay out, control, and complete the project. The data is supplied in plans furnished to the Contractor by SNL.”
3. Paragraph 801.32 – Delete the term “Department’s,” and insert the term, “New Mexico State Highway and Transportation Department’s.”
4. Paragraph 801.35 – Delete this paragraph in its entirety.
5. Paragraph 801.36 – Delete the second sentence from this paragraph.
6. Paragraph 801.37 – Delete paragraphs “E” and “F.”

END OF SECTION