

Section 5.1: Specifications

This section lists various codes and standards that are required for all subcontractors.

- **American Association of State Highway and Transportation Officials (AASHTO) Standard Specifications for Transportation Materials and Methods of Sampling and Testing (28th Edition, 2008):**
 - AASHTO is a standards-setting organization that publishes standards for transportation infrastructure, including material specifications, testing procedures,^[1] and construction practices. The "Standard Specifications for Transportation Materials and Methods of Sampling and Testing" (often referred to as the "Materials Standards") is a critical resource for maintaining the quality and health of transportation infrastructure.^{[2][3]}
 - While specific links to the 28th edition from 2008 might be harder to find directly, AASHTO regularly issues new editions of its "Materials Standards." The 45th edition was released in 2025,^{[4][5]} and the 44th in 2024.^[4] These newer editions contain updated specifications, recommended practices, and test methods.^{[2][6]} You can typically purchase these publications directly from the AASHTO bookstore or through authorized distributors.^[7] The Asphalt Institute also references AASHTO standards in its publications, like its "MS-2 Asphalt Mix Design Methods" manual.
- **Asphalt Institute (AI) The Asphalt Handbook (7th Edition, 2007):**
 - The Asphalt Institute's "MS-4 The Asphalt Handbook" is a comprehensive manual on the use of asphalt and serves as a primary reference manual for the industry.^{[8][10][8][9]}
 - You can find information about this publication, including its 7th edition, on the Asphalt Institute's website and in their bookstore. They also offer other technical resources related to asphalt,^{[9][11][12]} such as "MS-2 Asphalt Mix Design Methods" and "MS-22 Construction of Quality Asphalt Pavements".
- **Nevada Department of Transportation (NDOT) Standard Specifications for Road and Bridge Construction (2014):**
 - The Nevada Department of Transportation provides access to its "Standard Specifications for Road and Bridge Construction" on its official website.^{[13][14]} You can usually find both current and historical versions available for download.
 - The NDOT website also provides contact information for their specifications supervisor and standards and manuals supervisor if you have specific questions.^{[13][14]}
- **Regional Transportation Commission (RTC) of Southern Nevada Uniform Standard Specifications for Public Works Construction of Off-Site Improvements Clark County Area Nevada (Current Edition):**
 - The Regional Transportation Commission of Southern Nevada (RTC) publishes "Uniform Standard Specifications for Public Works Construction Off-Site Improvements." These specifications are adopted by various entities in the Clark County area.^[15]

- These documents are often available on the RTC's website or the websites of the participating entities (e.g., Clark County,^[15] City of Las Vegas).^[15] They are revised periodically to reflect advancements in construction technology.
- **Federal Highway Administration (FHWA) Manual on Uniform Traffic Control Devices (2009 with Revisions 1 and 2):**
 - The "Manual on Uniform Traffic Control Devices" (MUTCD) is the national standard for all traffic control devices on public roads in the United States.^{[16][17][18][16][17][18][19]} It is published by the FHWA.^[18]
 - The 2009 edition with revisions is likely available on the FHWA's MUTCD website.^[18] The MUTCD is updated periodically, with the 11th edition being adopted in late 2023.
- **Federal Highway Administration Standard Highway Signs and Markings (SHSM) Book – Design Details (2004 with 2012 Supplement):**
 - The SHSM book provides design details for signs and pavement markings, serving as a companion to the MUTCD.^{[20][21][22]}
 - The FHWA's MUTCD website hosts information and phased releases for the new SHS publication, along with the 2004 edition and its 2012 supplement.^{[23][24][25][22]} The 2012 supplement includes new and revised sign designs adopted in the 2009 MUTCD.^[22]
- **NNSS Road Repairs Specification #01562-SPC-01 Chip Seal Surface Treatment (0):**
 - An internal specification for the Nevada National Security Site (NNSS). You will receive a copy of this specification along with the request for proposal.

Section 5.2: Drawings

This section refers to general categories of drawings.

- **Regional Transportation Commission (RTC) of Southern Nevada Uniform Standard Drawings for Public Works Construction of Off-Site Improvements Clark County Area Nevada (Current Edition):** Similar to the specifications, these drawings would be found on the RTC's website or those of the adopting local governments.^[15]
- **Nevada Department of Transportation (NDOT) Standard Plans for Road and Bridge Construction (2020):** The NDOT website provides current and historical "Standard Plans for Road and Bridge Construction".^{[13][14][26]} The 2020 edition should be available there.

It's crucial to always refer to the most current versions of these documents or the specific revisions indicated in the SOW. Many of these resources are updated regularly, and using an outdated version could lead to non-compliance.

Sources:

1. www.appliedtesting.com
2. www.transportation.org
3. www.transportation.org
4. www.transportation.org
5. www.transportation.org
6. www.intertekinform.com
7. www.asphaltinstitute.org
8. www.asphaltinstitute.org
9. www.researchgate.net
10. www.asphaltinstitute.org
11. www.asphaltinstitute.org
12. www.asphaltinstitute.org
13. www.nv.gov
14. www.nv.gov
15. www.rtcshv.com
16. www.fdot.gov
17. www.dot.gov
18. www.dot.gov
19. www.dot.gov
20. www.westlaw.com
21. www.txdot.gov
22. www.dot.gov
23. www.dot.gov
24. www.dot.gov
25. www.dot.gov
26. www.nv.gov