CITY OF ARDMORE

23 South Washington Avenue Ardmore, Oklahoma 73401



STANDARD SPECIFICATIONS

for the
Construction of Public Infrastructure and Facilities,
including
General Project Provisions
Pavements and Earthwork
Drainage and Storm Sewerage
Water Systems
Sanitary Sewers
Traffic Control Systems
Structures
Incidental Construction
Automation and Controls Systems
Materials

Prepared and Issued by:

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CERTIFICATION AND APPROVAL PAGE

The Ardmore City Standard Specifications has been prepared by the Engineering Department, in coordination with the Departments of Public Utilities, Community Development and the Fire Department.

The Department acknowledges that much of the substance, verbiage and guidance has been adapted from the Engineering Specifications developed and published by the Cities of Oklahoma City and Norman.

APPROVED BY:	
THOMAS D. MANSUR, P.E., D.WRE	

CITY ENGINEER

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STANDARD SPECIFICATIONS for the Construction of Public Infrastructure and Facilities

- 1.0 INTRODUCTION. The City Standard Specifications establish the standards to which the City, its contractors, developers and citizens shall construct public improvements and private work which will either be dedicated to or accepted by the City. In addition, Specifications apply to all work within the public rights-of-way and City facilities. They are intended to provide for coordinated development, uniformity of goals and objectives, and coherent procedures to protect the health and safety of the citizenry and enhance the livability of our City.
- 2.0 SCOPE. These documents are meant to provide minimum criteria and to the maximum extent practicable apply to new works and developments which are not constrained by already existing improvements. Designers are encouraged to exceed these criteria whenever possible to provide better engineered facilities. Infill development in an urban area is often constrained when matching existing improvements. To the extent deemed practicable by the City Engineer, infill developments shall be completed in accordance with the City Engineering Manual and these Specifications. The City Engineer however, may allow modification of these requirements when necessary to allow private and public construction which is compatible with surrounding in-place improvements. Exceptions and variations from these Specifications shall be based upon sound engineering practice using the appropriate levels of science, technology, materials, and proven practice. The design criteria, standard specifications and construction standards shall also be used in conjunction with the City's zoning regulations and subdivision ordinances for site development work on private property.
- 3.0 STATUTES, ORDINANCES AND REGULATORY RULES. These Specifications are an engineering document, intended to summarize or highlight the essence of applicable ordinances and rules upon which these criteria or methods are based. The Specifications are not intended to supplant existing laws or ordinances; City staff and designers must abide by the applicable laws and ordinances.
- 4.0 STANDARD ENGINEERING DOCUMENTS. The City has developed, or is developing, and implementing a set of Standard Engineering Documents that are categorized in four separate components. These categories are:
 - Engineering Standards, Codes and Regulations
 - Standard Specifications and Details
 - Standard Contract Documents
 - Standard Construction Documents

The four principal engineering document sets are shown in the following schematic.

STANDARD ENGINEERING DOCUMENTS

ENGINEERING STANDARDS, CODES AND REGULATIONS

CITY ENGINEERING DESIGN MANUAL

COMMERCIAL AND REFERENCED STANDARDS

USACE NATIONWIDE PERMITS

ODEQ ENGINEERING REGULATIONS

ODOT ENGINEERING SPECIFICATIONS

SPECIAL EDITED WHOLE BUILDING DESIGN SPECIFICATIONS

ANALYSES, COMPUTATONS, AND MODELS

CONSTRUCTION PLANS

SPECIAL CONSTRUCTION SPECIFICATIONS

COST ESTIMATES

REGULATORY PERMIT APPLICATIONS

STANDARD CONSTRUCTION SPECIFICATIONS

SECTION 1
GENERAL
CONSTRUCTION PROJECT
PROVISIONS

SECTION 2 PAVEMENTS AND EARTHWORK

SECTION 3 DRAINAGE AND STORM SEWERAGE

> SECTION 4 WATER

SECTION 5 SANITARY SEWERS

SECTION 6 TRAFFIC CONTROL

> SECTION 7 STRUCTURES

SECTION 8 INCIDENTAL CONSTRUCTION

SECTION 9 AUTOMATION AND CONTROLS

SECTION 10 MATERIALS

STANDARD DRAWINGS AND DETAILS STANDARD CONTRACT DOCUMENTS

> NOTICE AND INSTRUCTIONS TO BIDDERS

> > ADDENDA

BID BONDS, AFFIDAVITS AND CERTIFICATES

BID PROPOSAL

BID TABULATION

COMMISSION AWARD RECOMMENDATION

NOTICE OF AWARD

INSURANCE CERTIFICATES

CONSTRUCTION CONTRACT

GENERAL CONDITIONS OF THE CONTRACT

PROJECT ENGINEERING SPECIFICATIONS

STATUTORY BOND

PERFORMANCE BOND

MAINTENANCE BOND

STANDARD CONSTRUCTION DOCUMENTS

NOTICE TO PROCEED

SUBMITTALS

DAILY INSPECTIONS REPORTS

PROGRESS PHOTOS

PARTIAL PAY REQUESTS

INVOICE AFFIDAVITS

RFIS AND FIELD ORDERS

CHANGE ORDERS

FINAL PAY REQUEST

SURETY'S CONSENT TO FINAL PAYMENT

OPERATION AND MAINTENANCE MANUALS AND WARRANTIES

RECORD DRAWINGS

DOCUMENTS PUBLISHED BY THE ENGINEERING DEPARTMENT

DOCUMENTS PUBLISHED BY THE CONTRACTOR

DOCUMENTS PUBLISHED BY MULTIPLE PARTIES