

Material submittals and shop drawings requested present the minimum expected by the Engineer. This is not meant to be an all-inclusive list. Additional submittals may be identified by the Owner, Engineer, Construction Manager, or Contractor.

DIV	Section	Title	Para	Description
DIVISION 00 - CONTRACT DOCUMENTS				
				Schedule of Values
				Insurance Certificates
				Performance Bond
				Payment Bond
				Material Bond
				Corporate Safety Manual
				Site Specific Safety Plan
DIVISION 01 - GENERAL REQUIREMENTS				
	01 11 00	Summary of Work		
			1.15	Permit - CDPHE Construction Dewatering Permit
			1.15	Permit - CDPHE Construction Stormwater Discharge Permit
			1.15	Permit - CDPHE Discharge from Hydrostatic Testing of Pipelines, Tanks, and Similar Vessels
			1.15	Permit - CDPHE Land Development Air Pollution Emission Notice (APEN) and Construction
			1.15	CDPHE Drinking Water Design Submittal (Appendix B of Design Criteria for Potable Water Systems)
			1.15	Colorado DWR - Notice of Intent (NOI) for Temporary Dewatering Well
	01 12 00	Surveying		
			1.03	Qualification Data and Contact Information for Surveyor, Crew Chief, and Other Important Persons Proposed to Perform Surveys/ Survey Related Duties
			1.03	Information on Equipment to be Used for Field Survey
			1.03	Verification of Methods and Procedures for Surveying by a Professional Land Surveyor
			1.03	Survey Data Weekly Updates
	01 21 00	Allowances		
			1.03	Invoices/ Delivery Slips to Indicate Actual Costs of Owner Directed Items
	01 31 00	Project Coordination and Meetings		
			1.05	Coordination Drawings
			1.06	RFI Log
	01 32 00	Construction Progress Documentation		
			1.04 A	Qualification Data for Scheduling Consultant
			1.04 B	Schedule of Submittals
			1.04 C	Preliminary Construction Progress Schedule
			1.04 D	Preliminary Network Diagram
			1.04 E	Construction Progress Schedule
			1.04 F	Schedule of Values
			1.04 G	Bi-Weekly Construction Progress Reports
			1.04 H	Daily Construction Reports
			1.05 I	Bi-Weekly Material Location Reports
			1.05 J	Field Condition Reports
			1.05 K	Special Reports
	01 32 33	Photographic Documentation		
			3.01	Progress Site Photographs
			3.02	Existing Site Photographs
			3.03	Audio/Video Recording
			3.04	Additional Photographs
	01 35 00	Special Procedures		
			1.03	Trench Backfill and Maintenance - Milling and Saw Cutting Schedule
	01 40 00	Quality Requirements		
			1.04 A	Testing Agency Qualifications
			1.04 B	Schedule of Tests and Inspections
			1.04 C	Testing Agency/Laboratory Certified Reports
			1.04 D	Permits, Licenses, and Certificates
	01 51 00	Temporary Utilities and Facilities		
			1.03 A	Temporary Utilities - Water
			1.03 A	Temporary Utilities - Telephone Service
			1.03 A	Temporary Utilities - Sanitary Facilities
			1.03 A	Temporary Utilities - Sewers and Drainage
			1.03 A	Temporary Utilities - Construction Aids
			1.03 A	Temporary Utilities - Safety and Health
			1.03 A	Temporary Utilities - Fire Protection
			1.03 B	Implementation and Termination Schedule
	01 52 00	Field Offices and Sheds		
				Owners Office Site - Location, Building Schematic, Layout, Parking, Heating/Cooling
				Owners Office Furnishings - Tables, chairs, printers, televisions, cables, refrigerator, microwave, etc.
				Owners Office Utilities - Broadband Internet including service provider and hardware
				Owners Office Utilities - Temporary Toilets
				Owners Office Utilities - Water
	01 55 26	Traffic Control		
			1.01	Traffic Control Plans
			1.01	Contact for Designated Person Responsible for Traffic Controls
			2.01	Crushed Rock
	01 56 00	Temporary Barriers and Controls		
	01 57 13	Temporary Erosion and Sediment Control		
			1.04	Storm Water Management Plan (SWMP)
			2.02	Mulch
			2.03	Tackifier
			2.04	Erosion Control Blankets and Logs
			2.05	Silt Fence
			2.06	Straw Bales
			2.07	Concrete Washout Structure
			2.08	Vehicle Tracking Pads
			2.09	Curb Socks (Rock Socks)
			2.10	Channel Slopes and other Disturbed Areas
			2.11	Active Flowing Stream or Diversion
			2.12	Storm Sewer Inlet Protection
	01 58 00	Project Identification and Signs		
			2.01	Identification Signs
			2.02	Informational Signs
	01 73 29	Cutting and Patching		
			1.02	Cutting and Patching Proposal
	01 78 00	Contract Closeout		
			1.02 A	Warranties, Workmanship Bonds, Maintenance Agreements, Final Certifications, and Similar Documents
			1.02 A	Releases Enabling Owner Unrestricted Use of the Work - Occupancy Permits, Operating Certificates, and Similar Releases
			1.02 A	Final Project Photographs
			1.02 A	Damage or Settlement Surveys
			1.02 A	Property Surveys
			1.04 B	Record Drawings
			1.04 C	Record Specifications
			1.04 D	Record Project Data
			1.04 E	Record Samples
			1.04 G	Instruction Books, Operating and Maintenance Manuals
			1.05	Spare Parts
			1.03 A	Final Payment Request, Final Statement Including Contract Price
			1.03 A	Engineer's Final Inspection List
			1.03 A	Final Meter Readings for Utilities and Measured Record of Stored Fuel
			1.03 A	Consent of Surety to Final Payment
			1.03 A	Evidence of Insurance
			1.03 A	Final Liquidated Damages Settlement Statement
	01 78 36	Warranties		
			1.04 A	Written Warranties (Warranty Binder)
	01 78 36	Post Installed Concrete Anchors		
			1.03	Product Specification Data Including Product Finishes
			1.03	Installation Instructions
			1.03	Installer Certifications
DIVISION 03 - CONCRETE				
	03 10 00	Concrete Formwork		
			2.01	Materials for Facing
			2.02	Form Ties
			2.03	Chamfer Strips
	03 15 19	Post Installed Concrete Anchors		
			2.01	Concrete Anchors
			2.02	Mechanical Anchors
			2.03	Adhesive Anchors
	03 20 00	Concrete Reinforcing		
			1.03	Bar Schedule, Details, and Erection Drawings

EXPECTED CONTRACTOR SUBMITTAL LOG

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DIV	Section	Title	Para	Description
			1.03	Opening Sizes and Locations
			1.03	Concrete Protective Cover
			1.03	Grade of Steel
			1.03	Lap Splice Lengths
			1.03	Mechanical Splice Product Specification and Data
			2.01	Reinforcement Bars, Ties, and Stirrups
			2.02	Bolsters, Chairs, and Accessories
			2.03	Precast Concrete Block Bar Supports
	03 30 00	Concrete		
			1.04 B	Nonshrink Grouts
			1.04 B	Admixtures
			1.04 B	Bonding Agents
			1.04 B	Curing Agents
			1.04 B	Expansion Joint Materials
			1.04 B	Joint Sealants
			1.04 B	Waterstops
			1.04 C	Mill Certificates
			1.04 D	Concrete Mix Design
	03 37 13	Shotcrete		
			1.02 B	Applicator and Personnel Qualifications
			1.02 C	Mix Design
			1.02 D	Batch Tickets
			2.01 B	Addmixtures
			2.01 C	Aggregate
			2.02	Shotcrete Mix
	03 41 00	Precast Structural Concrete		
			1.06 A	Product Data
			1.06 B	Design Mixtures
			1.06 C	Shop Drawings
			1.06 D	Permissible Design Deviations
			1.06 E	Product Design Criteria
			1.06 F	Delegated-Design Submittal
			1.06 G	Qualification Data
			1.06 H	Welding Certificates
			1.06 I	Material Certificates
			1.06 J	Material Test Reports
			1.06 K	Preconstruction Test Reports
			1.06 L	Source Quality-Control Reports
			1.06 M	Field Quality-Control Reports
			2.01	Mold Materials
			2.02	Reinforcing Materials
			2.03	Prestressing Tendons
			2.04	Concrete Materials
			2.05	Steel Connection Materials
			2.06	Bearing Pads
			2.07	Grout Materials
			2.08	Concrete Mixtures
			2.09	Fabrication
DIVISION 05 - Metals				
	05 12 00	Structural Steel Framing		
			1.05	Fabrication and Erection Drawings for All Work
			1.05	Drawings Indicating Stud Shear Connector Spacing
			1.05	Drawings Showing Each Piece Including Anchor Bolts
			1.05	Proposed Method and Location for Erection Piece Mark Numbering
			1.05	Manufacturer's Literature on Products
			1.05	AWS Certified Welding Inspector Certificates
			1.05	Welder Qualification Records
			1.05	Qualified Welding Procedure Specifications and Procedure Qualification Test Results
			2.01 A	Steel
			2.01 B	Stainless or Heat-Resisting Chromium-Nickel Steel
			2.01 C	Connection Bolts, Nuts, Washers, and Compressible Washer-Type, Direct Tension Indicators
			2.01 D, 2.03	Anchor Bolts
			2.01 E	Pipe for Structural Uses
			2.01 F	Square and Rectangular Tubing Hollow Structural Sections (HSS)
			2.01 G	Grating
			2.01 H	Checkered Plate
			2.01 I	Threaded Rods
			2.01 K, 2.08	Galvanizing Procedure
			2.02	Steel Fabrication
			2.05	Edge Angles, Plates, and Lintels
			2.06	Concrete Anchors
			2.07	Shop-Protective Coating
	05 45 00	Aluminum		
			1.05	Specifications
			1.05	Fabrication and Erection Drawings
			1.05	Catalog Cuts
			1.05	Structural Computations and Metal Properties
			1.05	Material Samples
			1.05	Manufacturer's Assembly and Installation Instructions
			1.05	Manufacturer's Maintenance Manual
			2.02	Structural Shapes and Plate
			2.03	Nuts and Bolts
			2.04	Handrails and Guardrails
			2.05	Ladders
			2.06	Gratings and Treads
			2.07	Tread Plates
DIVISION 08 - OPENINGS				
	08 31 13	Access Doors and Frames		
			1.02	Product Data
			1.02	Complete Schedule
			1.02	Shop Drawings
			1.02	ASME Code Section VII Division 1 Pressure Calculations
			2.01	Circular Watertight Access Doors/Manways
			2.02	Lid Doors (Valve Vaults Access Hatches)
DIVISION 09 - FINISHES				
	09 90 00	Protective Coating		
			1.03	Schedule of Products and Paint Systems
			1.03	Color Charts for Selection and Acceptance
			1.03	Technical and Material Safety Data Sheets
			1.03	Certifications by Coating Manufacturers
			1.03	Contractor shall certify in writing to the Engineer/Architect that applicators have previously applied all the systems in this Specification
			2.03	Coating Systems
			2.05	Paint Color Schedule
	09 90 05	Steel Pipe Polyurethane		
			1.05	Catalog cuts and other manufacturer's information shall be submitted for all materials provided on a system-by-system basis
			1.05	Provide copies of polyurethane coating system submittals to the coating applicator
			1.05	Coating Systems Data Sheets
			2.02	Exterior Shop Applied Coatings
			2.03	Field Exterior Joint Coating
			2.04	Field Repair of Coatings
DIVISION 13 - SPECIAL CONSTRUCTION				
	13 21 18	Ground-Level AWWA D115 Post-Tensioned Concrete Water Storage Tanks		
			1.06 B	Resumé of the proposed on-site superintendent responsible for the construction with list of qualifying projects.
			1.06 B	Resumé of the proposed engineer in responsible charge of the project with list of qualifying projects.
			1.06 B	Resumé of the proposed post-tensioning subcontractor's superintendent with list of qualifying projects.
			1.06 B	Resumé of the proposed post-tensioning subcontractor's professional engineer in responsible charge.
			1.06 C	Structural design calculations and detailed construction drawings, seals by the professional engineer in responsible charge.
			1.06 C	Technical data including product manufacturer's information, specifications, and installation instructions.
			1.06 C	Shop drawings for mild steel reinforcement, formwork, post-tensioning systems, piping, appurtenances, etc.
			1.06 C	Design calculations with clear indications of loads used in design.
			1.06 C	Reinforcing shop drawings showing fabrication and placement and including mill certificates for mild reinforcing, prestressing steel, and any other steel components
			1.06 C	Concrete design mixes, including all admixtures, and placement procedures.
			1.06 C	Weld certificates.
			1.06 C	Bacteriological test results.
			1.06 C	Operation and maintenance manuals.
			1.06 C	Tank surface finishes and coating materials.
			1.06 C	Field quality control and test results.

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DIV	Section	Title	Para	Description
			1.06 C	Warranty documents.
			1.06 C	Safety program
			1.06 D	Approval by the Engineer of the drawings and calculations submitted by the Contractor will not in any way relieve the Contractor of full responsibility for the accuracy and completeness of the drawings and calculations.
			1.06 E	Operation and Maintenance Data - Obstruction Lighting
			1.06 E	Operation and Maintenance Data - Lightning Protection
			1.06 E	Operation and Maintenance Data - Cathodic Protection
			1.06 E	Operation and Maintenance Data - Tank Heaters
			1.06 F	Submit one (1) 22"x34" computer source copy of as-constructed drawings in PDF Format
			2.01 B	Concrete
			2.01 C	Reinforcing Steel
			2.01 D	Post-Tensioning Systems
			2.01 E	Strand for Seismic Cables
			2.01 F	Elastomeric Materials
			2.01 G	Water Stops
			2.01 H	Appurtenances
	13 21 19	Ground-Level AWWA D110 Type III Prestressed Concrete Water Storage Tanks		
			1.04 A	Qualification requirements listed in "Quality Assurance" for contractors that are not prequalified
			1.04 A	Resume of the proposed project manager and site superintendent.
			1.04 A	Resume of the proposed on-site superintendent responsible for the construction with list of qualifying projects.
			1.04 A	Resume of the proposed engineer in responsible charge of the project with list of qualifying projects.
			1.04 A	Resume of the proposed post-tensioning subcontractor's superintendent with list of qualifying projects.
			1.04 A	Resume of the proposed post-tensioning subcontractor's professional engineer designee.
			1.04 A	Preliminary construction schedule
			1.04 A	Preliminary drawings indicating limits of excavation
			1.04 A	Preliminary tank drawings and details showing methods of construction and details of architectural features.
			1.04 B	Waterstops
			1.04 B	Roof Hatch
			1.04 B	Access Manway
			1.04 B	Guardrail (including gate and hardware)
			1.04 B	Ladders
			1.04 B	Roof Vent and Enclosure
			1.04 B	Overflow
			1.04 B	Protective Coatings
			1.04 B	Mill certificates for mild reinforcing, prestressing steel, and any other steel components
			1.04 B	Warranty documents.
			1.04 B	Safety program
			1.04 B	Design calculations with clear indications of loads used in design.
			1.04 B	Specifications and shop drawings
			1.04 C	Construction Submittals for Review Prior to Use
			1.04 D	Welding certificates.
			1.04 E	Bacteriological Test Results.
			1.04 G	Operation and Maintenance Data - Obstruction Lighting
			1.04 G	Operation and Maintenance Data - Lightning Protection
			1.04 G	Operation and Maintenance Data - Cathodic Protection
			1.04 G	Operation and Maintenance Data - Tank Heaters
			1.04 H	Submit one (1) 22"x34" computer source copy of as-constructed drawings in pdf format
			2.01	Concrete
			2.02	Shotcrete
			2.03	Mortar Fill and Non-Shrink Grout
			2.04	Reinforcing Steel
			2.05	Base Restraint Cables
			2.06	Steel Diaphragm
			2.07	Circumferential Prestressing Steel
			2.08	Elastomeric materials
			2.09	Exterior Coatings
			2.1	Appurtenances
	13 21 20	Water Storage Reservoir Cleaning and Testing		
			2.01	Wash Water
DIVISION 26 - ELECTRICAL				
	26 00 00	General Electrical Requirements		
			1.04 C	Provide Conforming to Construction Records schematic diagrams and wiring diagrams
			1.04 D	Product Data
			1.04 E	Shop Drawings
			1.04 F	Coordination Drawings
			1.04 G	As-Built Records
			1.04 H	Operation and maintenance manuals.
			1.04 I	Field Quality-Control Reports
			2.02	Systems
	26 05 19	Low-Voltage Electrical Power Conductors and Cable		
			1.06 A	Product Data
			1.06 B	Special Procedure Submittals
			2.01 A	Cable Connectors for Control and Instrument Cable
			2.01 B	Cable Connectors for Power Cable
			2.01 C	Termination and Splice Kits
			2.01 D	Shielded VFD Power Cable Termination Kits
			2.01 E	Tape and Insulation Putty
			2.01 F	Cable Ties
			2.01 G	Cable Supports
			2.01 H	Terminal Blocks
			2.01 I	Cable Identification Tags
			2.01 J	Fiber-Optic Cables
			2.01 K	Fiber-Optic Cable Connectors, Duplex Jumpers, Patch Panels and Accessories
			2.02 B	Communication Cables
			2.02 C	Control Cables
			2.02 D	Fiber Optic Cables
			2.02 E	Ground Conductors
			2.02 F	Instrument Cables
			2.02 G	Power Cables
			2.02 H	VFD Cables
			2.03 B	Power Connectors (10 AWG and Smaller) 600V and Below
			2.03 C	Power Connectors (sizes 8 to 4 AWG) 600V and Below
			2.04 D	Power Connectors (sizes 2 AWG to 750 MCM) 600V and Below
			2.04 E	Power Connectors (sizes 2 AWG to 750 MCM) above 600V
			2.04 F	Control, Instrument, and Specialty Cable Connectors
			2.04	Motor lead Termination/ Splice (Low Voltage, 600V and Below, Power Cable)
			2.05	VFD Cable Termination Kits
			2.06	Cable Supports
			2.07	Cable Ties
			2.08	Terminal Blocks
			2.09	Cable Identification Tags
			2.1	Fiber-Optic Patch Panels
	26 05 26	Grounding and Bonding for Electrical Systems		
			1.05 A	Product Data
			1.05 B	Qualification Data
			1.05 C	All field test reports
			2.02	Conductors
			2.02	Service Surge Protection
			2.02	Grounding Bus
			2.02	Bonding Plates, Connectors, Terminals, and Clamps
			2.02	Ground Rods or Ground Electrodes
			2.02	Electrical Grounding Connecting Accessories
			2.02	Mastic Coatings
	26 05 29	Hangers and Supports for Electrical Systems		
			1.06 A	Product Data
			1.06 B	Shop Drawings
			2.02 E	Clevis Conduit Hangers
			2.02 E	Riser Clamps
			2.02 E	Steel Rod Couplings
			2.02 E	C-Beam Clamps
			2.02 E	I-Beam Clamps
			2.02 E	One-Hole Conduit Straps
			2.02 E	Two-Hole Conduit Straps
			2.02 E	Hexagonal Nuts, Flat Washers and Lock Washers
			2.02 E	Round Threaded Steel Rod
			2.02 E	Conduit Clamps
			2.02 E	U-Bolts
			2.02 F	Fabricated Supports

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DIV	Section	Title	Para	Description
			2.02 G	Coated Supports
			2.02 H	Hot-Dipped Galvanized Supports
			2.02 I	Stainless-Steel Supports
			2.02 J	Anchors
			2.02 K	Conduit Cable Supports
			2.02 L	U-Channel Strut Systems
			2.02 M	Fire and Smoky Stop Compounds
	26 05 33	Raceways, Boxes, Seals, and Fittings for Electrical Systems		
			1.05 A	Product Data
			1.05 B	Certifications
			2.01 A	Rigid Galvanized-Steel Conduit (RGS), Intermediate Metal Conduit, and Electrical Metallic Tubing (EMT)
			2.01 B	Fittings for Rigid Steel Conduit, Intermediate Metal Conduit, and Electrical Metallic Tubing
			2.01 C	Rigid Steel Conduit and Fittings with Bonded Polyvinyl Chloride (PVC) Jacket
			2.01 D	Rigid Polyvinyl Chloride (PVC) Conduit and Fittings
			2.01 E	Reinforced Thermosetting Resin Conduit and Fittings
			2.01 F	Surface Metal Raceway
			2.01 G	Liquid-Tight Flexible Metal Conduit
			2.01 H	Flexible Metal Conduit
			2.01 I	Outlet and Device Boxes
			2.01 J	Pull and Junction Boxes
			2.01 K	Conduit Hubs and Bodies
			2.01 L	Fittings
			2.01 M	Bushings, Grounding Bushings, and Locknuts
			2.01 N	Electrical Enclosures
			2.01 O	Anchor Manufacturers
			2.01 P	Metal Channel System Manufacturers
			2.01 Q	Fiberglass System Manufacturers
			2.02	Conduit
			2.03	Rigid Galvanized Steel Conduit
			2.04	Intermediate Metal Conduit
			2.05	Electrical Metallic Tubing
			2.06	Rigid Steel Conduit and Fittings with Bonded Polyvinyl Chloride (PVC) Coating
			2.07	Rigid Polyvinyl Chloride (PVC) Conduit
			2.08	Surface Metal Raceway
			2.09	Liquid-Tight Flexible Metal Conduit
			2.1	Flexible Metal Conduit
			2.11	Outlet and Device Boxes
			2.12	Pull and Junction Boxes
			2.13	Support Systems
			2.14	Firestopping, Wall and Duct Seal
			2.15	Grout
	26 05 43	Underground Duct Banks and Handholes		
			1.05 A	Product Data
			1.05 B	Shop Drawings
			1.05 C	Closeout Submittals
			2.02	Ducts
			2.03	Reinforcing Steel
			2.04	Concrete
			2.05	Handholes
			2.06	Castings
			2.07	Warning Tape
			2.08	"Pulling In" Rope
	26 05 44	Sleeves and Sleeve Deals for Electrical Raceways and Cabling		
			1.05 A	Product Data
			2.01 A	Wall Entrance Seals
			2.01 B	Duct Seal
			2.02	Sleeves
			2.03	Sleeve-Seal Systems
			2.04	Grout
			2.05	Conduit Wall Entrance Seals
			2.06	Seal Fittings and Couplings for Rigid Steel, Aluminum and PVC-Jacketed Rigid Steel Conduit
			2.07	Duct Seal
			2.08	Silicone Sealants
	26 05 53	Identification for Electrical Systems		
			1.05 A	Product Data
			1.05 B	Samples
			2.02 B	Orange "Emergency" and "()-VOLT" Conduit, Equipment, Box, and Cable Tray Markers
			2.02 C	Underground Type Plastic Line Marker
			2.02 D	Conduit, wireway and cable tray identification tags
			2.02 E	Wire/Cable Identification Bands
			2.02 F	Plasticized Tags
			2.02 G	Self-Adhesive Plastic Signs
			2.02 H	Baked Enamel "Danger" Signs
			2.02 I	Baked Enamel "Caution" Signs
			2.02 J	Based Enamel "WARNING" Signs
			2.02 K	Engraved Plastic-Laminate Nameplates
	26 24 13	Switchboards		
			1.05 A	Product Data
			1.05 B	Shop Drawings
			1.05 C	Paint manufacturer's certification of VOC compliance and MSDS sheets
			1.05 D	Special Procedure Submittals
			1.05 E	Test and Evaluation Reports
			1.05 F	Closeout Submittals
			1.05 G	Maintenance Material Submittals
			2.02 C	Service Entrance Switchboard
			2.02 D	AC Dead-Front Distribution Switchboards
			2.02 E	Enclosures
			2.02 F	Finish
			2.02 G	Circuit Breakers
			2.02 I	Switchboard Bus
			2.02 J	Ground-Fault Protectors
			2.02 K	System Coordination
			2.02 L	Provide one of the manufacturer's standard solid-state trip programming and test devices to the Owner
			2.02 M	Space Heaters
			2.03	Surge Protective Devices (SPD)
	26 24 16	Panelboards		
			1.05 C	Product Data
			1.05 D	Shop Drawings
			1.05 E	Operation and Maintenance Manuals
			1.05 F	Maintenance Material Submittals - Spare Keys and Circuit Breakers
			2.02 E	Enclosures
			2.02 F	Phase, Neutral, and Ground Buses
			2.02 G	Conductor Connectors
			2.02 H	Service Equipment Label
			2.02 I	Future Devices
			2.02 J	Panelboard Short-Circuiting Current Rating
			2.02 L	Surge Protection Devices
			2.03	Lighting and Appliance Branch-Circuit Panelboards
	26 27 26	Wiring Devices		
			1.05 B	Product Data
			2.02 B	Flush-Mounted and Surface-Mounted Receptacles
			2.02 C	Ground Fault Circuit Interrupter (GFCI) Receptacles
			2.02 D	Weatherproof Receptacles
			2.02 E	Twist Locking Receptacles
			2.02 F	Surface-Mounted Explosion Proof Receptacle
			2.02 G	Special Receptacles
			2.02 H	Floor Receptacles
			2.02 I	Poke-Through Assembly Devices
			2.03 C	Flush-Mounted, Tumbler, Self-Grounding, Heavy-Duty Switches
			2.03 D	Surface-Mounted, Tumbler, Self-Grounding, Heavy-Duty Switches
			2.03 E	Weatherproof, Self-Grounding, Heavy-Duty Switches
			2.03 F	Dimmer Switches
			2.03 G	Combination Dimmer and Occupancy Sensor
			2.03 H	0-10V Dimmer
	26 42 13	Passive Cathodic Protection for Underground and Submerged Plumbing		
			1.03 A	Galvanic anode alloy, size, and wire type and length

EXPECTED CONTRACTOR SUBMITTAL LOG

Material submittals and shop drawings requested present the minimum expected by the Engineer. This is not meant to be an all-inclusive list. Additional submittals may be identified by the Owner, Engineer, Construction Manager, or Contractor.

DIV	Section	Title	Para	Description
			1.03 A	Dielectric insulating fittings
			1.03 A	Test station wire conductors
			1.03 A	Joint bond wire
			1.03 A	Joint bond clips
			1.03 A	Test station enclosures, terminal boards, and shunts
			1.03 A	Exothermic welding equipment
			1.03 A	Exothermic weld connection coating systems
			1.03 A	Reference Electrodes

EXPECTED CONTRACTOR SUBMITTAL LOG

Material submittals and shop drawings requested present the minimum expected by the Engineer. This is not meant to be an all-inclusive list. Additional submittals may be identified by the Owner, Engineer, Construction Manager, or Contractor.

DIV	Section	Title	Para	Description
			1.04	Test results from laboratory for proposed borrow material
			1.04	Test results from laboratory for granular material and trench stabilization material
			1.04	CLSM test results from laboratory
			1.04	Grading, Erosion, and Sediment Control Plan
			1.04	Dewatering Plan
			1.04	Sheeting and Shoring Excavation Plan
	31 20 55	Sedimentation and Erosion Control		
			1.04	Erosion Protection and Sediment Control Plan
	31 23 33.13	Trenching and Backfilling for Utilities		
			1.03	Design Calculations and Notes for Sloping, Benching, Support Systems, Shield Systems
		Squeegee	2.01	Granular Pipe Embedment Material (Pipe Bedding)
			2.02	Trench Stabilization Material
			2.03	Controlled Low Strength Material (CLSM) - Trench Backfill
			2.05	Trench Backfill Material
	31 23 33.16	Trenching and Backfilling for Utility Structures		
			1.03	Design Calculations and Notes for Sloping, Benching, Support Systems, Shield Systems
DIVISION 32 - EXTERIOR IMPROVEMENTS				
	32 11 23	Aggregate Base Courses		
			2.02	Aggregate Base Course Material - Class 6
	32 12 16	Asphaltic Paving		
			1.04	Asphalt Pavement Mix Design - Colorado Boulevard
			1.04	Test Report for Tack Coat
			1.04	Test Report for Asphalt Cement
	32 16 00	Curbs, Gutters, Sidewalks, and Driveways		
			2.05	Joint Dowels
			2.06	Expansion Joint Filler
			2.07	Joint Sealer
			2.08	Curing Compound
	32 17 23	Pavement Markings		
			1.03	Temporary Striping - Paint
			1.03	Reflective Glass Beads - Product Data and Application Rates
			1.03	Permanent Striping - Thermoplastic Markings - Product Data, Installation, Equipment, and Procedure
	32 91 05	Topsoiling and Finished Grading		
			2.01 A	Imported Topsoil
			2.01 B	Soil Sterilant
			2.03	Starter Fertilizer
	32 92 00	Seeding and Sodding		
			1.04 A	Sequence and Limits of Site Reclamation
			1.04 B	Soil amendment certifications
			1.04 B	Seed Certifications
			2.01	Topsoil
			2.02	Soil Amendment
			2.03	Seed
			2.04	Lawn Sod
			2.05	Hydromulch
DIVISION 33 - UTILITIES				
	33 05 97	Utility Identification		
			2.01	Tracer Wire
			2.02	Tracer Wire Access Boxes
			2.03	Underground Location and Warning Tape
			2.04	Utility Marker Post
			2.05	Locating Ball Markers
	33 08 00	Abandonment of Existing Pipelines and Structures		
	33 11 00	Pressure Pipe		
			1.03 B	Pipe and Joint Details
			1.03 B	Special, fitting and coupling details
			1.03 B	Laying and installation schedule
			1.03 B	Specifications, data sheets, and affidavits for protective shop coatings and linings.
			1.03 B	Manufacturers design calculations
			2.02	Ductile Iron Pipe
		PVC	2.03	PVC Pipe
			2.04	Restraining Systems
			2.05	Sleeves and Couplings
			2.06	Gaskets and Bolting Materials
	33 12 16	Utility Valves and Accessories		
			2.01	Resilient-Seated Gate Valves
			2.01	Combination Air/Vacuum Valves
			2.02	Valve Boxes
			2.03	Compression Couplings
			2.04	Blow Off Assemblies
			2.05	Fire Hydrants
			2.06	Shop Painting
	33 31 50	Pipe Installation		