

DIVISION I

GENERAL REQUIREMENTS AND COVENANTS

- 1 Definitions and Terms
- 2 Proposal Requirements and Conditions
- 3 Award and Execution of Contract
- 4 Scope of the Work
- 5 Control of the Work
- 6 Control of Materials
- 7 Legal Requirements and Responsibility to the Public
- 8 Prosecution and Progress
- 9 Measurement and Payment

DIVISION II CONSTRUCTION DETAILS

GENERAL CONSTRUCTION OPERATIONS

- 100 Construction Equipment - General Requirements
- 101 Mobilization
- 102 Maintenance of Traffic
- 103 Temporary Work Structures
- 104 Prevention, Control, and Abatement of Erosion and Water Pollution
- 105 Contractor Quality Control General Requirements

CLEARING CONSTRUCTION SITE

- 110 Clearing and Grubbing

EARTHWORK AND RELATED OPERATIONS

- 120 Excavation and Embankment
- 121 Flowable Fill
- 125 Excavation for Structures and Pipe
- 145 Geosynthetic Reinforcement
- 160 Stabilizing
- 162 Prepared Soil Layer
- 175 Cracking and Resealing Existing Concrete Pavement

BASE COURSES

- 200 Rock Base
- 204 Graded Aggregate Base
- 210 Reworking Limerock Base
- 230 Limerock Stabilized Base
- 234 Superpave Asphalt Base
- 283 Reclaimed Asphalt Pavement Base
- 285 Optional Base Course
- 286 Turnout Construction
- 287 Asphalt Treated Permeable Base
- 288 Cement Treated Permeable Base
- 290 Granular Subbase

BITUMINOUS TREATMENTS SURFACE COURSES AND CONCRETE PAVEMENT

- 300 Prime and Tack Coats for Base Courses

320 Hot Bituminous Mixtures - Plant, Methods, and Equipment
327 Milling of Existing Asphalt Pavement
330 Hot Bituminous Mixtures - General Construction Requirements
334 Superpave Asphalt Concrete
336 Asphalt Rubber Binder
337 Asphalt Concrete Friction Courses
338 Value Added Asphalt Pavement
339 Miscellaneous Asphalt Pavement
341 Asphalt Rubber Membrane Interlayer
346 Portland Cement Concrete
347 Portland Cement Concrete - Class I (Nonstructural)
350 Cement Concrete Pavement
352 Grinding Concrete Pavement
353 Concrete Pavement Slab Replacement
355 Value Added Portland Cement Concrete Pavement
370 Bridge Approach Expansion Joints

STRUCTURES

400 Concrete Structures
410 Precast Concrete Box Culvert
411 Epoxy Injection of Cracks in Concrete Structures
413 Sealing Cracks and Concrete Structure Surfaces
415 Reinforcing Steel
416 Installing Adhesive-Bonded Anchors & Dowels for Structural Applications
425 Inlets, Manholes, and Junction Boxes
430 Pipe Culverts and Storm Sewers
431 Pipe Liner
435 Structural Plate Pipe and Pipe Arch Culverts
436 Trench Drain
440 Underdrains
443 French Drains
446 Edgedrain (Draincrete)
449 Precast Concrete Drainage Products
450 Precast Prestressed Concrete Construction
451 Prestressed Soil Anchors
455 Structures Foundations
459 Bitumen Coating and Polyethylene Sheeting on Concrete Piles
461 Multirotational Bearings
470 Timber Structures

INCIDENTAL CONSTRUCTION

502 Shear Connectors
504 Steel Grid Floors
506 Bridge Drainage System
510 Navigation Lights for Fixed Bridges
514 Plastic Filter Fabric (Geotextile)
520 Concrete Gutter, Curb Elements, and Traffic Separator
521 Concrete Barriers, Traffic Railing Barriers and Parapets
522 Concrete Sidewalk
523 Patterned/Textured Pavement
524 Concrete Ditch and Slope Pavement

525 Asphalt Concrete Curb
526 Architectural Pavers
527 Detectable Warnings on Walking Surfaces
530 Riprap
534 Sound Barriers
536 Guardrail
538 Resetting Guardrail
544 Vehicular Impact Attenuators
546 Rumble Strips
548 Retaining Wall Systems
550 Fencing
555 Directional Bore
556 Jack and Bore
557 Vibratory Plowing
560 Shop, Field, and Maintenance Coating of Structural Steel
562 Repair of Galvanized Surfaces
563 Anti-Graffiti Coating System
570 Grassing (By Seeding)
575 Sodding
580 Landscape Installation

TRAFFIC CONTROL DEVICES

603 General Requirements for the Installation and Evaluation of Traffic Control Signal Equipment and Materials
608 Guaranties
611 Acceptance Procedures
620 Signal Installation Grounding
630 Conduit
632 Signal and Interconnect Cable
634 Span Wire Assembly
635 Pull and Junction Boxes
639 Electrical Power Service Assemblies
641 Prestressed Concrete Poles
649 Steel Strain Poles, Steel Mast Arm and Monotube Assemblies
650 Vehicular Signal Assemblies
653 Pedestrian Signal Assemblies
660 Inductive Loop Detectors
665 Pedestrian Detector Assembly
670 Traffic Controller Assembly
671 Traffic Controllers
676 Controller Cabinets
678 Controller Accessories
690 Removal of Existing Traffic Signal Equipment
699 Internally Illuminated Signs

TRAFFIC CONTROL

700 Highway Signing
705 Highway Delineators
706 Raised Retro-Reflective Pavement Markers and Bituminous Adhesive
709 Traffic Stripes and Markings-Two-Reactive Components
710 Painted Pavement Markings

711 Thermoplastic Traffic Stripes and Markings
713 Permanent Tape Stripes and Markings
715 Highway Lighting System

DIVISION III

MATERIALS

AGGREGATES

901 Coarse Aggregate
902 Fine Aggregate

FLEXIBLE-PAVEMENT MATERIALS (INCLUDING MATERIALS FOR STABILIZING)

911 Limerock Material for Base and Stabilized Base
913 Shell Material
913a Shell - Rock Material
914 Materials for Subgrade Stabilization
915 Cemented Coquina Shell Material
916 Bituminous Materials
917 Mineral Filler
919 Ground Tire Rubber for Use in Asphalt Rubber Binder

MATERIALS FOR PORTLAND CEMENT CONCRETE (STRUCTURAL PAVEMENT AND MISCELLANEOUS)

921 Portland Cement and Blended Cement
923 Water for Concrete
924 Admixtures for Concrete
925 Curing Materials for Concrete
926 Epoxy Compounds
927 Iron Oxide Pigment (for Coloring Concrete Surfaces)
929 Pozzolans and Slag
930 Materials for Concrete Repair

ACCESSORY MATERIALS FOR CONCRETE PAVEMENT AND CONCRETE STRUCTURES

931 Metal Accessory Materials for Concrete Pavement and Concrete Structures
932 Nonmetallic Accessory Materials for Concrete Pavement and Concrete Structures
933 Accessory Materials for Prestressed Concrete
934 Non-Shrink Grout
936 Wire Rope for Fender Pile Cluster
937 Adhesive Bonding Material Systems for Structural Applications
938 Post-Tensioning Grout

DRAINAGE MATERIALS

942 Pipe Gaskets
943 Corrugated Steel Pipe and Pipe Arch (Including Underdrain)
944 Structural Plate Steel Pipe and Pipe Arch
945 Aluminum Pipe, Including Underdrain, Pipe Arch and Structural Plate Pipe and Pipe Arch
946 Cast Iron Pipe
948 Miscellaneous Types of Pipe
949 Brick and Concrete Masonry Units for Manholes, Inlets and Other Structures

TIMBER PRODUCTS AND MATERIALS

- 951 Inspection of Timber Products
- 952 Structural Timber
- 953 Timber Piling (Including Timber Sheet Piling)
- 954 Timber Fence Posts and Braces
- 955 Timber Treatment (Including Treating Materials)

METAL MATERIALS AND FABRICATION DETAILS FOR METAL ITEMS

- 965 General Provisions for Aluminum Items (Including Welding)
- 967 Rail Elements for Guardrail

PAVEMENT MARKINGS, COATINGS AND RECYCLED MATERIAL (MSC.)

- 970 Materials for Raised Retroreflective Pavement Markers and Bituminous Adhesive
- 971 Traffic Marking Materials
- 972 Recycled Plastic Products
- 975 Structural Coating Materials

EROSION CONTROL MATERIALS

- 981 Grassing and Sodding Materials
- 982 Fertilizer
- 983 Water for Grassing
- 985 Geotextile Fabrics
- 987 Prepared Soil Layer Materials

TRAFFIC CONTROL MATERIALS

- 990 Temporary Traffic Control Devices Materials
- 992 Highway Lighting Materials
- 993 Highway Delineators (Including Posts and Attachments)
- 994 Retroreflective and Nonreflective Sign Sheeting
- 995 Demountable Sign Face Materials