

INDEX

-A-

	Page
Abbreviations	101-1
Abrasive Coating	712-10
Acceptance	105-9
and Final Payment	109-11
Final	105-10
Partial	105-9
Accounts and Documents, Records	109-12
Act, Worker's Compensation	107-4
Adhesives	
Epoxy	712-70
for Pavement Markers	712-70
Adjustment and Disputes, Claims for	105-10
Admixtures	711-1
Concrete Curing Materials and	711-1
Advertisement, Definition of	101-2
Affirmative Action Requirements, Federal Nondiscrimination and	107-4
Aggregate	
Base Course	304-1
for Portland Cement Concrete, Coarse	703-3
for Concrete, Fine	703-1
for Dressing of Shoulders	703-15
for Hot Plant Mix Bituminous Pavement	703-8
for Open-Graded Plant Mix Seal	703-9
for Plant Mix Asphalt Concrete Base Course	703-5
for Portland Cement Concrete, Coarse	703-3
for Roadway Construction	703-11
for Slurry Seal	703-10
for Subbase	703-12
for Untreated Base	703-6
for Waterbound Macadam Base	703-5
Subbase Course	305-1
Aggregates	703-1
Alterations	
in Quantities or Scope of Work for Major Contract Items	
with Lump Sum Items	104-4
in Quantities or Scope of Work for Major Contract Items	
with Unit Prices	104-3
of Plans or Type of Work	104-2
Altered Quantities, Compensation for	109-3
Aluminum	715-1
Bridge Railing	710-6
Structures, Fabrication of Welded	715-1
American Products Preference	102-7
Archeological	
Historical and Burial Site Findings, Protection of Rivers,	
Streams, Impoundments, Forests and	107-11
Historical, and Burial Site Findings	107-13
Areas, Reconstruction of Weakened Pavement	651-1
Arms, Mast	712-39

	Page
Asphalt	
Cement	702-1
Concrete Base Course, Aggregate for Plant Mix	703-5
Concrete Base Course, Plant Mix	301-1
Concrete Base Course, Recycled Plant Mix	302-1
Concrete Pavement	401-1
Content of Bituminous Mixtures by the Nuclear Gage Method, Measuring Percent.....	106-5
Emulsified	702-1
Filler	702-2
Liquid	702-1
Paint	708-4
Treated Permeable Base	311-1
Assignment of Payments	109-9
Authority	
and Duties of Project Engineer	105-7
of the Engineer	105-1
Average Tax, Insurance Rate -	109-8
Award	
and Execution of Contract	103-1
Cancellation of	103-2
Definition of	101-2
of Contract	103-1

-B-

	Page
Backfill	
for Conduits and Structures, Excavation and	206-1
Material, Structure	703-14
Material, Trench	703-14
Structure and Trench	206-4
Test for Field Resistivity and pH of Material	106-4
Backflow Preventers	712-15
Bagasse	712-84
Band, Spiral Rib Coupling	707-9
Barbed Wire	710-1
Barricades and Warning Signs	107-10
Base Course, Definition of	101-2
Basement Material, Definition of	101-2
Basins, Manholes, Inlets and Catch	604-1
Beam Rail, Metal	710-4
Bearing	
and Expansion Plates	506-1
Devices and Related Materials	712-6
Pads, Elastomeric	712-7
Bed Course Material	703-12
Bid Opening	
Qualification Before	102-7
Substitution After	102-8
Bidder, Definition of	101-2

Page

Bidders	
Disqualification of	102-6
Definition of Notice to	101-5
Prequalification of	102-1
Bidding Requirements and Conditions	102-1
Bituminous	
Adhesive	712-79
Coated Corrugated Metal Pipe and Pipe Arch	707-5
(Four Application) Macadam Pavement (Emulsified Asphalt)	402-1
Materials	702-1
Pavement, Road Mix	405-1
Surface Treatment	410-1
Tack Coat	407-1
Blending Sand	703-15
Blotter	703-11
Board	
Bulletin	105-7
Disputes Review	105-16
of Water Supply (BWS) Facilities, Notes for	107-16
Bolts	
and Nuts	713-3
High-Strength	713-3
Bond	109-8
Contract	101-3
Contract Payment	101-3
Contract Performance	101-3
Requirement of Contract	103-2
Borrow	203-1, 203-4, 203-13
Pit	107-14
Box, Pipe Collar for Valve	712-31
Boxes and Covers, Valve (Plastic and Concrete)	712-86
Bourdon-Tube Type	712-89
Bracings and Inserts, Pipe Hangars, Lateral	712-35
Brackets, Expressway Sign	712-40
Breach of Contract Provisions, Responsibility for Damage	
Claims, Nonliability to Third Parties for Claims Based on	107-14
Breakers, Circuit	712-85
Brick	
Clay or Shale	704-1
Concrete	704-1
Bridge	
Definition of	101-2
Length	101-3
Paints	708-1
Railing, Aluminum	710-6
Railing, Steel	710-10
Roadway Width	101-3
Bridge-Bearing Pads, Testing of	106-5
Brooming Off	310-1
Bulletin Board	105-7

Page

Burial

Site Findings, Archeological, Historical, and	107-13
Site Findings, Protection of Rivers, Streams, Impoundments, Forests and Archeological and Historical and	107-11

-C-

Page

Cabinet, Meter and Service Equipment	712-86
Cables, Conductors and Wires	712-41
Calendar Day, Definition of	101-3
Calibration of Hydraulic Jacks and Pressure Gages Used in Prestressing Operations, Verification and	106-5
Cancellation of Award	103-2
Castings	
Gray Iron	713-12
Malleable	713-13
Steel	713-11
Cast-In-Place Concrete Pipe	643-1
Catch Basins, Manholes, Inlets and	604-1
Cement	
Asphalt	702-1
Concrete Pavement, Portland	411-1
Concrete, Coarse Aggregate for Portland	703-3
Hydraulic	701-1
Portland	701-1
Rubble Masonry	508-1
Titration Test	106-4
Treated Base, Portland	308-1
Centerline and Reference Survey Monuments	613-1
Certificate of Compliance	106-5
Definition of	101-3
Certification, Submission of Insurance	103-3
Certified Test Report, Definition of	101-3
Chain Link Fence	710-1
Change Order, Definition of Contract	101-3
Channel Excavation, Ditch and	207-1
Character of Workers, Methods, and Equipment	108-5
Chips, Wood	712-84
Circuit Breakers	712-85
Citizen Labor	107-4
Claims	
Nonliability to Third Parties for Claims Based on Breach of Contract Provisions, Responsibility for Damage	107-14
for Adjustments and Disputes	105-10
Clay	
and Plastic (PVC) Pipe, Concrete	706-1
or Shale Brick	704-1
Pipe (VCP) and Fittings for Sewer System, Vitrified	706-5
Cleaning Up, Final	105-9
Clearing and Grubbing	201-1
Coarse Aggregate for Portland Cement Concrete	703-3

	Page
Coat	
Bituminous Tack	407-1
Prime	408-1
Seal	409-1
Coated Corrugated Metal Pipe and Pipe Arch, Bituminous	707-5
Coating, Abrasive	712-10
Cofferdams	206-2
Cold Planing of Existing Pavement	652-1
Collar for Valve Box, Pipe	712-31
Combustibles, Use of Explosives or	107-11
Compaction Test, Relative	106-4
Companies, Cooperation with Utility	105-3
Compensation	
Act, Worker's	107-4
for Altered Quantities	109-3
Completion Date, Definition of Specified	101-7
Compliance	
Certificate of	106-5
Definition of Certificate of	101-3
Compound	
Flashing	705-3
for Sewer Pipe, Jointing	705-6
Test for Cold Applied Two Component Polysulfide Polymer Type Joint Sealing	106-4
Comptroller, Definition of State	101-7
Concrete	
Brick	704-1
Clay, and Plastic (PVC) Pipe	706-1
Coarse Aggregate for Portland Cement	703-3
Curb and Gutter, Precast	712-4
Curing Materials and Admixtures	711-1
Cylinder Pipe	706-18
Driveways, Reinforced	610-1
Fine Aggregate for	703-1
Low-Head Pressure Pipe, Reinforced	706-18
Members, Prestressed	504-1
Meter and Valve Boxes and Covers, Precast	712-31
Pavement, Portland Cement	411-1
Pipe, Cast-In-Place	643-1
Pipe (RCP), Reinforced	706-1
Sampling of Fresh	106-4
Structural	601-1
Structures	503-1
Units, Precast	712-5
Conditions	
Bidding Requirements and	102-1
Differing Site	104-5
Conductors and Wires, Cables	712-41
Conduits	712-36
and Structures, Excavation and Backfill for	206-1
Connectors, Welded Stud Shear	713-1
Conflicts of Interest	107-6
Conformity with the Contract	105-2

	Page
Connectors for Highway Lighting, Waterproof	712-105
Consideration of Proposals	103-1
Construction	
Aggregate for Roadway	703-11
and Maintenance of Detours	104-8
Embankment	203-7
Incidental	601-1
Stakes, Lines and Grades	105-4
Contents of Proposal Forms	102-2
Contract	
and Site of Work, Examination of	102-3
Award and Execution of	103-1
Award of	103-1
Bond	101-3
Change Order, Definition of	101-3
Conformity with the	105-2
Default and Termination of	108-10
Definition of	101-3
Emergency and Legally Justifiable Cause for Termination of	108-11
Execution of	103-3
Failure to Execute	103-3
Furnishing and Coordination of the Contract	105-3
Intent of	104-1
Item (Pay Item), Definition of	101-3
Items, Definition of Major and Minor	101-5
Payment Bond	101-3
Performance Bond	101-3
Plans	105-1
and Working and Shop Drawings	105-1
Provisions, Responsibility for Damage Claims, Nonliability to Third Parties for Claims on Breach of Contract	107-14
Subletting of	108-1
Time, Definition of	101-4
Time, Determination and Extension of	108-8
Contractor, Definition of	101-4
Contractors, Cooperation Between	105-4
Contractor's	
Licensing Laws	107-5
Responsibility for Utility Property and Services	107-15
Responsibility for Work	107-15
Control	
Devices, Traffic Control	645-1
Erosion and Siltation	107-11
of Material	106-1
of Work	105-1
Photo	712-46
Signs, Traffic	621-1
System, Irrigation	712-82
Water Pollution	639-1
Controller	
Equipment	712-46
Pump, Motor and Motor	712-83

	Page
Cooperation	
Between Contractors	105-4
with Utility Companies	105-3
Coordination of the Contract, Furnishing and	105-3
Copper Service Pipe and Appurtenances	707-6
Corrugated	
Metal Pipe and Pipe Arch	707-4
Metal Pipe and Pipe Arch, Bituminous Coated	707-5
County, Definition of.....	101-4
Coupling Band, Spiral Rib	707-9
Course	
Aggregate for Plant Mix Asphalt Concrete Base	703-5
Definition of Leveling	101-5
Covers	
and Ladder Rungs, Frames, Grates,	712-5
Precast Concrete Meter and Valve Boxes and	712-31
(Plastic and Concrete) Valve Boxes and	712-86
Culvert, Definition of.....	101-4
Culverts and Storm Drains	603-1
Curb and Gutter, Precast Concrete	712-4
Curb and/or Gutter	609-1
Curing Materials	711-1
and Admixtures, Concrete Curing Materials	711-1
Cylinder Pipe, Concrete	706-18

-D-

	Page
Damage Claims, Nonliability to Third Parties for Claims Based on	
Breach of Contract Provisions, Responsibility for	107-14
Damages, Failure to Complete on Time and Liquidated	108-9
Dark Green Enamel Paint	708-1
Date, Definition of Specified Completion	101-7
Dates and Laws, Definition of Effective	101-4
Day, Definition of Working	101-8
Declaration of Non-Collusion	102-7
Deduction from Payment	109-9
Default and Termination of Contract	108-10
Delineator	
Post, Flexible	712-89
Traffic	712-84
Delivery of Proposal	102-6
Density	
of Asphalt Concrete Pavement by Cores, Relative	106-5
of Soil in Place	106-4
Test In-Place Density of Bituminous Concrete, Nuclear Gage	106-5
Department, Definition of	101-4
Department-Furnished Material	106-3
Destination and Expressway Sign Supports, Ground Mounted	713-15
Determination	
and Extension of Contract Time	108-8
of Hourly Rental Rate	109-5

	Page
Detours	
Construction and Maintenance of	104-8
Special	104-7
Devices	
and Related Materials, Bearing	712-6
Disconnect and Protective	712-45
Materials and Processes, Patented	107-5
Traffic Control	645-1
Differing Site Conditions	104-5
Director, Definition of	101-4
Disadvantaged Business Enterprise (DBE) Requirements, Statement of Affirmation and Acknowledgement of	102-8
Disconnect and Protective Devices	712-45
Discrepancies Between	
Calculated and Scaled Dimensions	105-3
Documents	105-3
Prices Written in Words and Written in Figures	102-4
Provisions within a Document	105-3
Unit Bid Price and Extension	103-1
Discrimination, Labor	107-4
Disputes	
Claims for Adjustment and	105-10
Review Board	105-16
Disqualification of Bidders	102-6
Ditch	
and Channel Excavation	207-1
Lined Drainage	640-1
Documents, Records, Accounts and	109-12
Domestic Materials	106-6
Dowels	709-1
Drainage Ditch, Lined	640-1
Drain, Geocomposite	646-1
Drains	
Culverts and Storm	603-1
Slotted	637-1
Drawings,--	
Contract Plans and Working and Shop	105-1
Working	101-8
Working and Shop	105-2
Dressing of Shoulders, Aggregate for	703-15
Drilled Shafts	511-1
Driveways, Reinforce Concrete	610-1
Dry Unit Weight, Maximum	106-4
Ductile Iron Pipe	707-1
Duties of	
Project Engineer, Authority and	105-7
the Inspector	105-7

	Page
Earthwork	201-1
Elastomeric Bearing Pads	712-7
Electric Company Facilities, Notes for	107-17
Electrical Appurtenances	712-85
Eliminated Items	109-9
Elongated Particles, Flat and	106-4
Embankment	
Construction	203-7
Excavation and	203-1
Granular Material for	703-15
Emergency and Legally Justifiable Cause for Termination of Contract .	108-11
Emulsified Asphalts	702-1
Enamel Paint, Dark Green	708-1
Engineer	
Authority and Duties of Project	105-7
Authority of	105-1
Definition of	101-4
Special Maintenance Ordered by the	104-6
Engineering, Value	105-12
Epoxy	
Adhesives	712-70
Sealer	712-97
Epoxy-Resin System	712-1
Equipment	109-4, 109-8
Cabinet, Meter and Service	712-86
Character of Workers, Methods and	108-5
Controller	712-46
Definition of	101-4
Not on the Project Site	109-6
on the Project Site	109-6
Substitution of Materials and	102-7
Erosion and Siltation Control	107-11
Estimated Quantities	102-3
Examination of Contract and Site of Work	102-3
Excavation	203-1
and Backfill for Conduits and Structures	206-1
and Embankment	203-1
Roadway	203-1
Surplus	203-5
Execute Contract, Failure to	103-3
Execution of	
Contract, Award and	103-1
the Contract	103-3
Existing Pavement, Cold Planing of	652-1
Expanded Polystyrene and Hardboard	705-7
Expansion Plates Bearing and	506-1
Exploratory Work at Structure Footings	634-1
Expressway	
Sign Brackets	712-40
Sign Supports, Ground Mounted Destination and	713-15
Sign Supports, Overhead	713-16

	Page
Explosives or Combustibles, Use of	107-11
Extension of Contract Time, Determination and	108-8
Extra	
and Force Account (F.A.) Work	109-4
Work	101-4, 104-5

-F-

	Page
Fabric, Paving	412-1, 716-4
Facilities	
Notes for Board of Water Supply (BWS)	107-16
Notes for Hawaiian Electric Company (HECO)	107-17
Notes for Gasco, Inc. Facilities	107-18
Notes for Hawaiian Telephone Company (HTCO) and Signal Corps (SC) ..	107-18
Notes for Wastewater Management (DWM)	107-18
Failure to	
Complete on Time and Liquidated Damages	108-9
Execute Contract	103-3
Maintain Roadway or Structures	105-9
Pay Required Wages or to Submit Payroll Records	107-3
Falsework Lighting	104-9
Fasteners for Signs	713-15
Federal	
Aid Provisions	107-6
Nondiscrimination and Affirmative Action Requirements	107-4
Fence	
and Guardrail	710-1
Chain Link	710-1
Posts	710-4
Fences	607-1
Fertilizer	712-15
Field Resistivity and pH of Backfill, Test for	106-4
Filler	703-11
Asphalt	702-2
Fillers, Joint	705-1
Filter Material	206-5, 703-13
Final	
Acceptance	105-10
Cleaning Up	105-9
Payment, Acceptance and	109-11
Findings, Protection of Rivers, Streams, Impoundments, Forests and Archeological and Historical and Burial Site	107-11
Fine Aggregate for Concrete	703-1
Fire Hydrants and Appurtenances	712-35
Flagger	104-7
Flashing Compound	705-3
Flat and Elongated Particles	106-4
Flexible	
Delineator Post	712-89
Watertight Gaskets	705-1

	Page
Footings, Exploratory Work at Structure	634-1
Force Account (F.A.) Work, Extra and	109-4
Forest Protection	107-12
Forests and Archeological and Historical and Burial Site Findings, Protection of Rivers, Streams, Impoundments,	107-11
Forgings and Steel Shafting, Steel	713-11
Form, Definition of Proposal	101-6
Forms	
Contents of Proposal	102-2
Issuance of Proposal	102-2
Foundation Treatment	206-3
Frames, Grates, Covers and Ladder Rungs	712-5
Funds from Which The Engineer will make Payment	109-12
Furnishing	
and Coordination of the Contract	105-3
Right-of-Way	107-19

-G-

	Page
Gasco, Inc. Facilities, Notes for	107-18
Gaskets, Flexible Watertight	705-1
Geocomposite Drain	646-1
Geotextiles	716-1
for Permeable Separator Applications	716-2
for Underdrains	716-3
Glass, Recycling of Waste	106-6
Grade, Definition of Profile	101-6
Grades, Construction Stakes, Lines and	105-4
Grading Plane, Definition of	101-4
Granular Material for Embankment	703-15
Grassed Surfaces	618-1
Grates, Covers and Ladder Rungs, Frames	712-5
Green Enamel Paint, Dark	708-1
Ground Rods	712-86
Grout	712-2
Grouted Rubble Paving	612-1
Guaranty	
Definition of Proposal	101-6
Material	102-7
Proposal	102-5
Return of Proposal	103-2
Guardrail	606-1
Fence and	710-1
Hardware	710-5
Posts	710-5
Gutter	
Curb and/or	609-1
Precast Concrete Curb and	712-4
Guy Wires, Turnbuckles and Markers, Stakes,	712-16

	Page
Hand-Laid Riprap	611-1
Handling Materials	106-3
Hangars, Lateral Bracings and Inserts, Pipe	712-35
Hardboard, Expanded Polystyrene and	705-7
Hardware	
for Timber Structures	714-2
Guardrail	710-5
Hawaiian	
Electric Company (HECO) Facilities, Notes for	107-17
Telephone Company (HTCO) Facilities, Notes for	107-18
Heads, Sprinkler	712-10
Health and Safety Provisions, Sanitary	107-6
Helical Lock Seam Corrugated Pipe	106-5
High-Strength Bolts	713-3
Highway	
Lighting, Waterproof Connectors for	712-105
Street, or Road, Definition of	101-4
Highways Division, Definition of	101-4
Historical	
and Burial Site Findings, Archeological,	107-13
and Burial Site Findings, Protection of Rivers, Streams, Impoundments, Forests and Archeological and	107-11
Holidays, Definition of	101-5
Hourly Rental Rate, Determination of	109-5
Hours Requirements, Wages and	107-1
Hydrant and Appurtenances, Fire	712-35
Hydrated Lime	712-2
Hydraulic Cement	701-1
Hydrographic Survey Data	102-4
Hydro-Mulch Seeding	641-1

	Page
Impoundments, Forests and Archeological and Historical and Burial Site Findings, Protection of Rivers, Streams,	107-11
Incidental Construction	601-1
Index (Profilograph), Test for Profile	106-4
Inlets and Catch Basins, Manholes	604-1
Inserts, Pipe Hangars, Lateral Bracings and	712-35
Inspection	206-3
of Work	105-7
Plant	106-2
Inspector	
Definition of	101-5
Duties of the	105-7
Insurance	
and Tax	109-4
Certification, Submission of	103-3
Rate - Average Tax	109-8
Intent of Contract	104-1

	Page
Interest, Conflict of	107-6
Iron	
Castings, Gray	713-12
Pipe, Ductile	707-1
Irregular Proposals	102-5
Irrigation Control System	712-82
Isolating Transformers	712-40
Issuance of Proposal Forms	102-2
Item	
Definition of Major and Minor Contract	101-5
Eliminated	109-9
(Pay Item), Definition of Contract	101-3

-J-

	Page
Joint	
Fillers	705-1
Materials	705-1
Mortar	705-1
Packing for Lead	705-6
Sealer	705-1
Sealing Compound, Test for Cold Applied Two Component Polysulfide Polymer Type	106-4
Jointing Compound for Sewer Pipe	705-6

-L-

	Page
Labor	109-4, 109-8
Citizen	107-4
Discrimination	107-4
Laboratory, Definition of	101-5
Ladder Rungs, Frames, Grates, Covers and	712-5
Land for State Projects, Quarries and Pits on State	104-9
Landscape, Protection and Restoration of Property and	107-11
Lateral Bracings and Inserts, Pipe Hangars	712-35
Laws	
Contractor's Licensing	107-5
Definition of Effective Dates and to be Observed	101-4
107-1	
Lead	705-5
Joint, Packing for	705-6
Plate	712-7
Sheet	712-6
Legal	
Relations and Responsibility to Public	107-1
Rights, No Waiver of	107-19
Legally Justifiable Cause for Termination of Contract, Emergency and	108-11
Leveling	
Course, Definition of	101-5
Surfaces	615-1

	Page
Liability of Public Officials, Personal	107-19
Licenses and Taxes, Permits,	107-5
Licensing Laws, Contractor's	107-5
Light	
Poles	712-37
Sources	712-40
Lighting	
Falsework	104-9
System, Roadway	622-1
Waterproof Connectors for Highway	712-105
Lime, Hydrated	712-2
Limitation of Operations	108-5
Lined Drainage Ditch	640-1
Lines and Grades, Construction Stakes	105-4
Link Fence, Chain	710-1
Liquid Asphalts	702-1
Liquidated Damages, Failure to Complete on Time and	108-9
Load	
Restrictions	105-8
Test for Piles	106-4
Low-Head Pressure Pipe, Reinforced Concrete	706-18
Luminaires	712-38

-M-

	Page
Maintain Roadway or Structure, Failure to	105-9
Maintenance	105-9
of Detours, Construction and	104-8
of Traffic	104-6
of Traffic During Suspension of Work	104-7
Ordered by the Engineer, Special	104-8
Major	
and Minor Contract Item, Definition of	101-5
Contract Items with Lump Sum Items, Alterations in Quantities or Scope of Work for	104-4
Contract Items with Unit Prices, Alterations in Quantities or Scope of Work for	104-3
Manholes, Mortar for	705-5
Manholes, Inlets and Catch Basins	604-1
Manure	712-16
Markers	
Adhesives for Pavment	712-70
Pavement	712-61
Stakes, Guy Wires, Turnbuckles and	712-16
Markings	
Pavement	629-1
Reflective Thermoplastic Compound Pavement	712-100
Masonry, Cement Rubble	508-1
Masonry Units	704-1
Mast Arms	712-39

	Page
Material	109-4
Basement, Definition of	101-2
Control of	106-1
Department-Furnished	106-3
Filter	206-5, 703-13
for Embankment, Granular	703-15
Guaranty	102-7
Payment for	109-9
Sources, Natural	106-1
Structure Backfill	703-14
Trench Backfill	703-14
Unsuitable	203-7
Materials	109-8, 701-1
and Admixtures, Concrete Curing	711-1
and Equipment, Substitution of	102-7
and Processes, Patented Devices,	107-5
Bituminous	702-1
Curing	711-1
Definition of.....	101-5
Department-Furnished.....	106-3
Domestic	106-6
Found on the Work, Rights In and Use of.....	104-8
Handling.....	106-3
Joint	705-1
Samples, Tests, Cited Specification.....	106-2
Selected	203-3
Source of Supply and Quality Requirements.....	106-1
Sources, Natural	106-1
Storage of.....	106-3
Unacceptable.....	106-3
Maximum Dry Unit Weight	106-4
Measurement	
and Payment	109-1
of Quantities	109-1
Metal	
--Beam Rail	710-4
Pipe	707-1
Pipe and Pipe Arch, Corrugated	707-4
Pipe and Pipe Arch, Bituminous Coated Corrugated	707-5
Pipe, Spiral Rib	707-9
Meter	
and Service Equipment Cabinet	712-86
and Valve Boxes and Covers, Precast Concrete	712-31
Sockets	712-86
Method	
of Random Sampling, Standard	106-5
of Sample Preparation, Wet	106-4
Methods	
and Equipment, Character of Workers,	108-5
Special Test	106-4
Minor Contract Items, Definition of Major and	101-5
Miscellaneous	712-1
Mobilization	699-1

	Page
Moisture Content of Bituminous Mixtures and Mineral Aggregates by the Microwave Oven Method, Measuring the	106-5
Monument, Centerline and Reference Survey	613-1
Monuments, Standard Street Survey	614-1
Mortar	
for Manholes	705-5
Joint	705-1
Motor and Motor Controller, Pump	712-83
Mulch and Soil Amendments	712-84

-N-

	Page
Natural Material Sources	106-1
No Waiver of Legal Rights	107-19
Non-Collusion, Declaration of	102-7
Nondiscrimination and Affirmative Action Requirements, Federal	107-4
Nonliability to Third Parties for Claims Based on Breach of Contract Provisions, Responsibility for Damage Claims,	107-14
Notes for	
Board of Water Supply (BWS) Facilities	107-16
Hawaiian Electric Company (HECO) Facilities	107-17
Gasco, Inc. Facilities	107-18
Hawaiian Telephone Company (HTCO) and Signal Corps (SC) Facilities	107-18
Wastewater Management (DWM) Facilities	107-18
Notice to Bidders, Definition of	101-5
Notice to Proceed (NTP)	108-2
Definition of	101-5
Nuclear Gage	
Density Test In-Place Density of Bituminous Concrete	106-5
Method, Measuring Percent Asphalt Content of Bituminous Mixtures by the	106-5
Nuts, Bolts and	713-3

-O-

	Page
Observed, Laws to be	107-1
Officer-in-Charge, Definition of	101-5
Officials, Personal Liability of Public	107-19
Open-Graded	
Plant Mix Seal.....	403-1
Plant Mix Seal, Aggregate for	703-9
Opening	
of Proposals, Public	102-6
Sections of Project to Traffic	107-14
Operations, Limitation of	108-5
Order, Definition of Contract Change	101-3
Ordered by the Engineer, Special Maintenance	104-8
Overhaul.....	205-1
Overtime Payment for County Inspection Service	108-11

	Page
Packing for Lead Joint	705-6
Pads	
Elastomeric Bearing	712-7
Preformed Fabric	712-7
Testing of Bridge-Bearing	106-5
Paints	708-1
Asphalt	708-4
Bridge.....	708-1
Dark Green Enamel	708-1
for Bedding Masonry Plates, Red Primer Paint	712-6
Thinner	708-3
White and Yellow Traffic	708-4
Zinc	708-1
Panelboards	712-85
Partial Acceptance	105-9
Particles, Flat and Elongated	106-4
Patented Devices, Materials and Processes	107-5
Pavement	
Areas, Reconstruction of Weakened	651-1
Cold Planing of Existing	652-1
Definition of	101-5
Markers	712-61
Markers, Adhesives for	712-70
Marking Tape, Preformed	712-92
Markings	629-1
Markings, Reflective Thermoplastic Compound Pavement	712-100
Penetration Macadam	406-1
Portland Cement Concrete	411-1
Road Mix Bituminous	405-1
Structure, Definition of	101-5
Pavements	401-1
Paving	
Fabric	412-1, 716-4
Grouted Rubble	612-1
Payment	109-6
Acceptance and Final.....	109-11
Deduction from	109-9
for County Inspection Services, Overtime	108-11
for Material.....	109-9
Funds from which the Engineer will make	109-12
of Wages Conceded to be Due	107-3
Measurement and	109-1
Scope of	109-3
Payments	
Assignment of	109-9
Progress	109-10
Payrolls and Payroll Records.....	107-3
Penetration Macadam Pavement.....	406-1
Perforated Plastic Pipe	706-17
Permeable	
Separator	648-1
Separator Applications, Geotextiles for	716-2

	Page
Permits, Licenses and Taxes.....	107-5
Personal Liability of Public Officials.....	107-19
pH of Backfill Material, Test for Field Resistivity and	106-4
Photo Control	712-46
Piles	
Load Test for	106-4
Timber	714-3
Piling	505-1
Pins and Rollers	713-11
Pipe	
and Appurtenances, Copper Service	707-6
and Fittings for Sprinkler System, PVC	706-17
and Fittings, Zinc-Coated	707-6
and Pipe Arch, Bituminous Coated Corrugated Metal	707-5
and Pipe Arch, Corrugated Metal	707-4
Cast-In-Place Concrete	643-1
Collar for Valve Box	712-31
Concrete, Clay and Plastic (PVC)	706-1
Concrete Cylinder	706-18
Ductile Iron	707-1
for Railings, Steel	710-11
for Sewer System, PVC	706-10
Hangers, Lateral Bracings and Inserts	712-35
Helical Lock Seam Corrugated	106-5
Jointing Compound for Sewer	705-6
Metal	707-1
Perforated Plastic	706-17
Polyethylene	706-18
(RCP), Reinforced Concrete	706-1
Reinforced Concrete Low-Head Pressure	706-18
Spiral Rib Metal	707-9
Structural Aluminum Plate for	707-5
(VCP) and Fittings for Sewer Systems, Vitrified Clay	706-5
Pit, Borrow	107-14
Pits on State Land for State and Federal Projects Only, Quarries and	104-9
Plane, Definition of Grading	101-4
Planing of Existing Pavement, Cold	652-1
Plans	
and Working and Shop Drawings, Contract	105-1
Contract	105-1
Definition of.....	101-6
Definition of Standard	101-7
or Type of Work, Alterations of	104-2
Plant Inspection.....	106-2
Plant	
Mix Asphalt Concrete Base Course	301-1
Mix Asphalt Concrete Base Course, Aggregate for	703-5
Mix Asphalt Concrete Base Course, Recycled	302-1
Mix Bituminous Pavement, Aggregate for Hot	703-8
Mix Glassphalt Concrete Base Course	312-1
Mix Seal, Open-Graded	403-1
Mix Seal, Aggregate for Open-Graded	703-9

	Page
Planting	
and Transplanting	619-1
Soil.....	617-1, 712-15
Plastic	
Pipe, Perforated	706-17
(PVC) Pipe, Concrete, Clay and	706-1
Plate	
for Pipe, Pipe Arch, and Arch, Structural Steel	707-5
Lead	712-7
Plates, Bearing and Expansion	506-1
Poles, Light	712-37
Pollution	107-12
Control, Water	639-1
Polyethylene Pipe	706-18
Polystyrene and Hardboard, Expanded	705-7
Polysulfide Polymer Type Joint Sealing Compound, Test for Cold Applied Two Component	106-4
Portland	
Cement.....	701-1
Cement Concrete, Coarse Aggregate for	703-3
Cement Concrete Pavement	411-1
Cement Treated Base.....	308-1
Post, Flexible Delineator	712-89
Posts	
Fence	710-4
Guardrail	710-5
Sign	713-13
Precast Concrete	
Curb and Gutter	712-4
Meter and Valve Boxes and Covers	712-31
Units	712-5
Pre-Construction Data.....	103-1
Preference, American Products.....	102-7
Preformed Pavement Marking Tape	712-92
Preparation	
-of Proposal	102-4
Subgrade	203-12
Wet Method of Sample	106-4
Prequalification of Bidders.....	102-1
Preservatives	714-1
Pressure	
Pipe, Reinforced Concrete Low-Head	706-18
Regulators	712-15
Prestressed Concrete Members	504-1
Prestressing Steel	709-3
Reinforcing Steel, Wire Rope and	709-1
Preventers, Backflow	712-15
Prime Coat	408-1
Proceed	
Definition of Notice to	101-5
Notice to	108-2
Processes, Patented Devices, Materials and	107-5
Products Preference, American	102-7

	Page
Profile	
Grade, Definition of	101-6
Index (Profilograph), Test for	106-4
Progress	
Prosecution and	108-1, 108-3
Payments	109-10
Project	
Definition of	101-6
Engineer, Authority and Duties of	105-7
Site, Equipment on the	109-6
Site, Equipment Not on the	109-6
Projects, Quarries and Pits on State Land for State	104-9
Property and Landscape, Protection and Restoration of	107-11
Proposal	
Consideration of	103-1
Definition of.....	101-6
Delivery of	102-6
Form, Definition of	101-6
Form, Contents of	102-2
Forms, Issuance of	102-2
Guaranty	102-5
Guaranty, Return of	103-2
Guaranty, Definition of	101-6
Preparation of.....	102-4
Public Opening of.....	102-6
Proposals	
Consideration of	103-1
Irregular	102-5
Public Opening of	102-6
Withdrawal or Revision of	102-6
Prosecution and Progress.....	108-1, 108-3
Protection	
and Restoration of Property and Landscape.....	107-11
Forest	107-12
of Rivers, Streams, Impoundments, Forests and Archeological and Historical and Burial Site Findings	107-11
Protective Devices, Disconnect and	712-45
Provisions	
Definition of Special	101-7
Federal Aid	107-6
Sanitary, Health and Safety	107-6
Public	
Convenience and Safety	107-6
Officials, Personal Liability of	107-19
Opening of Proposals	102-6
Pullboxes.....	712-5
Pump, Motor and Motor Controller	712-83
PVC	
Pipe and Fittings for Sprinkler System	706-17
Pipe for Sewer System	706-10

	Page
Qualification Before Bid Opening	102-7
Quality Requirements, Source of Supply and	106-1
Quantities	
Compensation for Altered	109-3
Estimated	102-3
Measurement of	109-1
or Scope of Work for Major Contract Items with Unit Prices, Alterations in	104-3
or Scope of Work for Major Contract Items with Lump Sum Items, Alterations in	104-4
Quarries and Pits on State Land for State and Federal Projects Only .	104-9
Questionnaire, Definition of.....	101-6

	Page
Rail, Metal Beam	710-4
Railing	
Aluminum Bridge	710-6
Steel Bridge	710-10
Steel Pipe for	710-11
Railings.....	507-1
Rain Sensor Switch	712-91
Ramps, Wheelchair	650-1
Random Sampling, Standard Method of	106-5
Rapid Set Epoxy Adhesive	712-72
Rate	
- Average Tax, Insurance	109-8
Determination of Hourly Rental	109-5
of Wages	107-2
Rental	109-4
Receptacles	712-86
Reconstruction of Weakened Pavement Areas	651-1
Records	109-8
Accounts and Documents	109-12
Payrolls and Payroll	107-3
Recycled Plant Mix Asphalt Concrete Base Course.....	302-1
Recycling of Waste Glass	106-6
Reference Survey Monuments, Centerline and	613-1
Reflective Thermoplastic Compound Pavement Markings	712-100
Reflector Marker	712-28
Regulators, Pressure	712-15
Reinforced Concrete	
Driveways	610-1
Low-Head Pressure Pipe	706-18
Pipe (RCP)	706-1
Reinforcing Steel	602-1, 709-1
Wire Rope and Prestressing Steel	709-1
Relations and Responsibility, Legal	107-1
Relative	
Compaction Test	106-4
Density of Asphalt Concrete Pavement by Cores	106-5

	Page
Removal of	
Concrete	202-2
Bridges	202-3
Structures and Obstructions	202-1
Unacceptable and Unauthorized Work	105-8
Rental Rate	109-4
Determination of Hourly	109-5
Report, Definition of Certified Test	101-3
Requirement of Contract Bond	103-2
Requirements	
and Conditions, Bidding	102-1
Federal Nondiscrimination and Affirmative Action	107-4
Source of Supply and Quality	106-1
Wages and Hours	107-1
Resistivity and pH of Backfill, Test for Field	106-4
Responsibility	
for Damage Claims, Nonliability to Third Parties for Claims	
Based on Breach of Contract Provisions	107-14
for Utility Property and Services, Contractor's	107-15
for Work, Contractor's	107-15
Legal Relations and	107-1
Restrictions, Load	105-8
Return of Proposal Guaranty	103-2
Review Board, Disputes	105-16
Revision of Proposal, Withdrawal or	102-6
Rib	
Coupling Band, Spiral	707-9
Metal Pipe, Spiral	707-9
Rights	
In and Use of Materials Found on the Work	104-8
No Waiver of Legal	107-19
Right-of-Way	
Definition of.....	101-6
Furnishing	107-19
Riprap, Hand-Laid	611-1
Rivers, Streams, Impoundments, Forests and Archeological and	
Historical and Burial Site Findings, Protection of	107-11
Road, Definition of Highway, Street or	101-4
Road Mix Bituminous Pavement	405-1
Roadbed, Definition of.....	101-6
Roadside	
Definition of	101-6
Development, Definition of	101-6
Roadway	
Construction, Aggregate for	703-11
Definition of	101-6
Excavation	203-1
Lighting System	622-1
or Structure, Failure to Maintain	105-9
Rods, Ground	712-86
Rollers	401-15
Pins and	713-11

	Page
Rope	
and Prestressing Steel, Reinforcing Steel	709-1
or Wire Cable, Wire	709-2
Rubberized Sealant, Hot Applied	712-105
Rubble	
Masonry, Cement	508-1
Paving, Grouted	612-1
Rungs, Frames, Grates, Covers and Ladder	712-5

-S-

	Page
Safety	
Provisions, Sanitary, Health and	107-6
Public Convenience and	107-6
Switches	712-86
Sample Preparation, Wet Method of	106-4
Samples, Tests, Cited Specifications	106-2
Sampling	
of Fresh Concrete	106-4
Standard Method of Random	106-5
Sand, Blending	703-15
Sanitary, Health, and Safety Provisions	107-6
Scope of	
Payment	109-3
Work	104-1
Sealant, Hot Applied Rubberized	712-105
Seal	
Aggregate for Open-Graded Plant Mix	703-9
Aggregate for Slurry Seal	703-10
Coat	409-1
Open-Graded Plant Mix	403-1
Slurry	404-1
Sealer	
-Epoxy	712-97
Joint	705-1
Section and Subsection, Definition of	101-6
Seeding, Hydro-Mulch	641-1
Selected Materials	203-3
Sensitive Soil, Highly	203-7
Sensor Switch, Rain	712-91
Separator, Permeable	649-1
Service Equipment Cabinet, Meter and	712-86
Sewer	
Pipe, Jointing Compound for	705-6
System	625-1
System, PVC Pipe for	706-10
System, Vitrified Clay Pipe (VCP) and Fittings for	706-5
Shafting, Steel Forgings and Steel	713-11
Shafts, Drilled	511-1
Shale Brick, Clay or	704-1
Shear Connectors, Welded Stud	713-1

	Page
Shop Drawings	
Contract Plans and Working and	105-1
Working and	105-2
Shotcrete	628-1
Shoulder, Definition of	101-7
Shoulders, Aggregate for Dressing of	703-15
Sidewalk, Definition of	101-7
Sidewalks	608-1
Signal Corps (SC) Facilities, Notes for Hawaiian Telephone Company (HTCO) and	107-18
Signal	
Standards, Traffic	712-48
System, Traffic	623-1
Signals and Appurtenances, Traffic	712-51
Sign	
Brackets, Expressway	712-40
Posts	713-13
Supports, Ground Mounted Destination and Expressway	713-15
Supports, Overhead Expressway	713-16
Signs	712-17
Barricades and Warning	107-10
Fasteners for	713-15
Traffic Control	621-1
Siltation Control, Erosion and	107-11
Site	
Conditions, Differing	104-5
Equipment on the Project	109-6
Equipment Not on the Project	109-6
of Work, Examination of Contract and	102-3
Slides	203-6
Slopes	203-5
Slopes, Widening	203-2
Slotted Drains	637-1
Slurry Seal	404-1
Aggregate for	703-10
Snap Switches	712-86
Sockets, Meter	712-86
Soil	
Amendments, Mulch and	712-84
Highly Sensitive	203-7
Planting	617-1, 712-15
Source of Supply and Quality Requirements	106-1
Sources	
Light	712-40
Natural Material	106-1
Special	
Detours	104-7
Maintenance Ordered by the Engineer	104-8
Provisions, Definition of	101-7
Test Methods	106-4
Specifications	
Definition of	101-7
Samples, Tests, Cited	106-2
Specified Completion Date, Definition of	101-7

	Page
Spiral Rib	
Coupling Band	707-9
Metal Pipe	707-9
Splicing	602-2
Springs for Sprinkler Risers	712-85
Sprinkler	
Heads	712-10
System	616-1
System, PVC Pipe and Fittings for	706-17
Stakes	
Guy Wires, Turnbuckles and Markers	712-16
Lines and Grades, Construction	105-4
Standard	
Method of Random Sampling	106-5
Plans, Definition of	101-7
Set Epoxy Adhesive	712-75
Street Survey Monuments	614-1
Standards, Traffic Signal	712-48
State	
Comptroller, Definition of	101-7
Definition of	101-7
Excise Tax	109-8
Land for State and Federal Projects Only Projects, Quarries and Pits on	104-9
Statements	109-8
Steel	
and Related Materials, Structural	713-1
Bridge Railing	710-10
Castings	713-11
Forgings and Steel Shafting	713-11
Pipe for Railings	710-11
Prestressing	709-3
Reinforcing	602-1, 709-1
Structural	713-1
Structures	501-1
Storage of Materials	106-3
Storm Drains, Culverts and	603-1
Street, or Road, Definition of Highway,	101-4
Streams, Impoundments, Forests and Archeological and Historic and Burial Site Findings, Protection of Rivers,	107-11
Structural	
Aluminum Plate for Pipe	707-5
Concrete	601-1
Steel	713-1
Steel and Related Materials	713-1
Steel Plate for Pipe, Pipe Arch, and Arch	707-5
Timber and Lumber	714-1
Timber and Related Materials	714-1

	Page
Structure	
and Trench Backfill	206-4
Backfill Material	703-14
Definition of	101-7
Definition of Pavement	101-5
Failure to Maintain Roadway or	105-9
Footings, Exploratory Work at	634-1
Structures	501-1
and Obstructions, Removal of	202-1
Concrete	503-1
Excavation and Backfill for Conduits and	206-1
Fabrication of Welded Aluminum	715-1
Hardware for Timber	714-2
Steel	501-1
Timber	502-1
Stud Shear Connectors, Welded	713-1
Subbase	
Aggregate for	703-12
Course, Aggregate	305-1
Definition of	101-7
Subcontracting	109-8
Subcontractor, Definition of	101-7
Subgrade	
Definition of	101-7
Preparation	203-12
Subletting of Contract	108-1
Submission of Insurance Certification	103-3
Subsection, Definition of Section and	101-6
Substructure, Definition	101-7
Substitution	
After Bid Opening	102-8
of Materials and Equipment	102-7
Subsurface Information	102-4
Superintendent, Definition of	101-7
Superstructure, Definition of	101-8
Supply and Quality Requirements, Source of	106-1
Supports	
Ground Mounted Destination and Expressway Sign	713-15
Overhead Expressway Sign	713-16
Surety, Definition of	101-8
Surface Treatment, Bituminous	410-1
Surfaces	
by the Magnetic Gage Method, Measuring Thickness of Zinc-Coated ...	106-5
Grassed	618-1
Leveling	615-1
Surfacing, Definition of	101-8
Surplus Excavation	203-5
Survey	
Monuments, Centerline and Reference	613-1
Monuments, Standard Street	614-1
Suspension of Work	
Maintenance of Traffic During	104-6
Temporary	108-6

	Page
Switch, Rain Sensor	712-91
Switching Tensiometer	712-89
Switches	
Safety	712-86
Snap	712-86
System	
Epoxy-Resin	712-1
Irrigation Control	712-82
PVC Pipe and Fittings for Sprinkler	706-17
PVC Pipe for Sewer	706-10
Roadway Lighting	622-1
Sewer	625-1
Sprinkler	616-1
Traffic Signal	623-1
Vitrified Clay Pipe (VCP) and Fittings for Sewer	706-5
Water	624-1

-T-

	Page
Tack Coat, Bituminous	407-1
Tape, Preformed Pavement Marking	712-92
Tax	
Insurance and	109-4
Insurance Rate - Average	109-8
State Excise	109-8
Taxes, Permits, Licenses and	107-5
Telephone Company (HTCO) and Signal Corps (SC) Facilities, Notes for Hawaiian	107-18
Temporary Suspension of Work	108-6
Tensiometer, Switching	712-89
Termination of Contract	
Default and	108-10
Emergency and Legally Justifiable Cause for	108-11
Test	
Cement Titration	106-4
for Cold Applied Two Component Polysulfide Polymer Type Joint Sealing Compound	106-4
for Field Resistivity and pH of Backfill Material	106-4
for Piles, Load	106-4
for Profile Index (Profilograph)	106-4
In-Place Density of Bituminous Concrete, Nuclear Gage Density	106-5
Methods, Special	106-4
Relative Compaction	106-4
Report, Definition of Certificate of Compliance or Certified	101-3
Testing of Bridge-Bearing Pads	106-5
Tests, Cited Specification, Samples	106-2
Thermoplastic Compound Pavement Markings, Reflective	712-100
Thickness of Zinc-Coated Surfaces by the Magnetic Gage Method, Measuring	106-5
Thinner, Paint	708-3
Tie Bars	709-2

	Page
Timber	
and Lumber, Structural	714-1
and Related Materials, Structural	714-1
Piles	714-3
Structure	502-1
Structures, Hardware for	714-2
Time	
and Liquidated Damages, Failure to Complete on	108-9
Definition of Contract	101-4
Determination and Extension of Contract	108-8
Title	109-8
Titles (or Headings), Definition of	101-8
Titration Test, Cement	106-4
Traffic	
Control Devices	645-1
Control Signs	621-1
Delineator	712-84
Detours, Construction and Maintenance of	104-8
During Suspension of Work, Maintenance of	104-7
Maintenance of	104-6
Opening Sections of Project to	107-14
Paint, White and Yellow	708-4
Signal Standards	712-48
Signal System	623-1
Signals and Appurtenances	712-51
Transformers	712-86
Isolating	712-40
Transplanting, Planting and	619-1
Traveled Way, Definition of	101-8
Treatment	
Bituminous Surface	410-1
Foundation	206-3
Trench	
Backfill Material	703-14
Backfill, Structure and	206-4
Turnbuckles and Markers, Stakes, Guy Wires,	712-16
Type of Work, Alterations of Plans or	104-2

-U-

	Page
Unacceptable	
and Unauthorized Work, Removal of	105-8
Materials	106-3
Underdrains	605-1
Geotextiles for	716-3
Unit Weight, Maximum Dry	106-4
Units, Masonry	704-1
Unsuitable Material	203-7
Untreated Base, Aggregate for	703-6

	Page
Utility	
Companies, Cooperation with	105-3
Property and Services, Contractor's Responsibility for	107-15

-V-

	Page
Value Engineering	105-12
Valve	
Box, Pipe Collar for	712-31
Boxes and Covers (Plastic and Concrete)	712-86
Boxes and Covers, Precast Concrete Meter and	712-31
Valves	712-12
and Appurtenances	712-32
Verification and Calibration of Hydraulic Jacks and Pressure Gages Used in Prestressing Operations	106-5
Vitrified Clay Pipe (VCP) and Fittings for Sewer System	706-5

-W-

	Page
Wages	
and Hours Requirements	107-1
Conceded to be Due, Payment of	107-3
or to Submit Payroll Records, Failure to Pay Required	107-3
Rate of	107-2
Withholding of	107-3
Waiver of Legal Rights, No	107-19
Warning Signs, Barricades and.....	107-10
Waste Glass, Recycling of	106-6
Wastewater Management (DWM) Facilities, Notes for	107-18
Water	712-1
Pollution Control	639-1
-System	624-1
Waterbound Macadam Base	
Aggregate for	703-5
Course	303-1
Watering	620-1
Waterproof Connectors for Highway Lighting	712-105
Waterproofing	705-4
Waterstops	705-4
Watertight Gaskets, Flexible	705-1
Weakened Pavement Areas, Reconstruction of	651-1
Weight, Maximum Dry Unit	106-4
Welded	
Aluminum Structures, Fabrication of	715-1
Stud Shear Connectors	713-1
Wet Method of Sample Preparation	106-4
Wheelchair Ramps	650-1
White and Yellow Traffic Paint	708-4
Widening Slopes	203-2

	Page
Wire	
Barbed	710-1
Rope and Prestressing Steel, Reinforcing Steel	709-1
Rope or Wire Cable	709-2
Woven	710-1
Wires	
Cable, Conductors and	712-41
Turnbuckles and Markers, Stakes, Guy	712-16
Withdrawal or Revision of Proposals	102-6
Withholding of Wages	107-3
Wood Chips	712-84
Work	
at Structure Footings, Exploratory Work	634-1
Alterations of Plans or Type of	104-2
Contractor's Responsibility for	107-15
Control of	105-1
Definition of	101-8
Definition of Extra	101-4
Examination of Contract and Site of	102-3
Extra	104-5
Extra and Force Account (F.A.)	109-4
Inspection of	105-7
Maintenance of Traffic During Suspension of	104-7
Removal of Unacceptable and Unauthorized	105-8
Rights In and Use of Materials Found on the	104-8
Scope of	104-1
Temporary Suspension of	108-6
Workers, Methods and Equipment, Character of	108-5
Worker's Compensation Act	107-4
Working	
and Shop Drawings	105-2
and Shop Drawings, Contract Plans and	105-1
Day, Definition	101-8
Drawings, Definition of	101-8
Woven Wire	710-1

-Y-

	Page
Yellow Traffic Paint, White and	708-4

-Z-

	Page
Zinc-Coated	
Pipe and Fittings	707-6
Surfaces by the Magnetic Gage Method, Measuring Thickness of	106-5
Zinc-Coating	501-11, 712-10
Zinc Paints	708-1