

INDEX

Page	Page
A.F. Bo. CSP... <i>See</i> Arimid Fiber Bonded CSP	
AASHTO LRFD Bridge Design Specifications.....	509-1
Abbreviations.....	101-1, 2
abutments.....	105-34
Acceptance.....	105-29
Acceptance Criteria, Test Soil Nail.....	504-17
Final Acceptance.....	105-29
Final Landscape Acceptance.....	623-7
Final Smoothness Acceptance.....	105-24
Initial Smoothness Acceptance.....	105-20
Owner Acceptance.....	106-10
Partial Acceptance.....	105-29
Thickness Acceptance.....	307-3, 4
Ultrasonic acceptance.....	509-5
Acceptance and Final Payment.....	109-13
Acceptance or Rejection of Recommendation.....	105-35
Accessible Pedestrian Signal.....	614-7, 8
ACM..... <i>See</i> Asbestos Containing Material	
ACPA... <i>See</i> American Concrete Pipe Association	
ACS..... <i>See</i> Asbestos Contaminated Soil	
Acts of God.....	107-10; 108-7
AD..... <i>See</i> Areas of Disturbance	
Additional Responsibilities of the Standing Disputes Review Board.....	105-32
Adjust Structure.....	210-2
Administrative Conference.....	105-45, 53
Admissibility of Recommendation.....	105-35
Admixtures.....	711-1
Air Entraining.....	412-1; 711-1
Chemical admixtures.....	412-1; 711-1
Corrosion inhibiting admixtures.....	711-1
Advertisement.....	101-2
AEP..... <i>See</i> Asphalt Emulsion for Prime Coat	
AFAD . <i>See</i> Automated Flagging Assistance Devices	
Affected Area.....	101-2
Aggregate	
Coarse Aggregate.....	703-1, 4
combined aggregate gradation.....	106-9
Fine Aggregate.....	703-1
Fine Aggregate Sand Equivalent.....	105-7
industrial by-product aggregates.....	206-2
Preparation of, in HMA.....	401-6
segregation of aggregates.....	503-10
Aggregate Bag.....	208-6, 18
Aggregate Base Course.....	105-7; 206-4; 304-1
Aggregate Base Course (RAP).....	304-1, 2; 703-2
Aggregate for Bases.....	703-2
Aggregate for Cover Coat Material.....	703-5
Aggregate for Median Cover.....	610-1; 703-8
aggregate spreader.....	409-1
aggregate stockpiles.....	106-10
Aggregate Gradation.....	703-1
Aggregate Gradation and Sand Equivalent	
106-12	
air pollution emission notice.....	250-5, 8
Air Quality Control.....	107-11, 206-4
ALT2 CSP ... <i>See</i> Aluminized Corrugated Steel Pipe Type 2	
ambient temperature.....	105-21; 609-2
American Concrete Pipe Association.....	706-1
American Welding Society.....	502-6
Anti-Collusion Affidavit.....	102-2
APEN..... <i>See</i> air pollution emission notice	
Approval and Qualifications of MSE Wall Installer.....	504-6
appurtenances.....	105-25, 26; 202-1
APS..... <i>See</i> Accessible Pedestrian Signal	
ARA..... <i>See</i> Asphalt rejuvenating agents	
Arbitration	
Arbitration in the Absence of a Party or Representative.....	105-47
Arbitration Provider.....	105-42
Arbitrator.....	105-43
Appointment of Arbitrator.....	105-44
Arbitrator's Compensation.....	105-52
Authority of arbitrator.....	105-46
Communication with Arbitrator.....	105-45
Disqualification of Arbitrator.....	105-44
Archaeological and Paleontological Discoveries.....	107-11
Areas of Disturbance.....	107-11
Asbestos.....	203-4, 9
Asbestos Contaminated Soil Statewide Management Plan.....	203-4
Asbestos-Contaminated Soil Guidance....	203-4
Asbestos Containing Material.....	206-4, 250-6
Asphalt.....	401-1
Asphalt Emulsion.....	409-1
asphalt mastic.....	706-1, 707-2
asphalt mix design.....	401-1
asphalt pavers.....	401-4
Asphalt rejuvenating agent.....	405-1; 411-1
Asphalt cement.....	401-1, 3; 702-1
Asphalt cement binder.....	420-1
Asphalt Cement Cost Adjustments.....	109-10
Preparation of, in HMA.....	401-6

INDEX

	Page
Asphalt Mat (Planing).....	
Removal of Asphalt Mat (Planing).....	
.....	109-9; 202-6
Asphalt materials	109-3; 411-1
Chip Seals.....	409-1; 702-3
Emulsified	307-1; 406-1; 409-1; 702-2
fog seal	409-1; 411-1
Prime Coat.....	307-3; 407-1; 702-5
rejuvenating agent	405-1; 411-1
seal coat	411-1
Tack Coat	105-23; 401-5; 407-1; 411-1; 609-2
Asphalt Mixing Plant	401-4
Asphalt Paver	401-4
ASSIGNMENT OF ANTITRUST CLAIMS	
.....	103-1
ATD.....	<i>See</i> average texture depth
Attendance at Hearings	105-46
audit.....	105-30, 34, 41; 109- 8
Authority and Duties of the Project Engineer	
.....	105-27
Authority of the Engineer	105-1
Automatic Controllers.....	623-1
auxiliary	202-2
available source.....	106-1, 2
average texture depth	105-18, 24
Award	101-2
Award and Execution	103-1
AWS	<i>See</i> American Welding Society
Backflow Preventer.....	623-1
Balling.....	214-1
Balling and burlapping.....	214-1
Bar List.....	602-1
barbed wire.....	710-1
Barricades	614-2, 22, 23
Barricades and Signs.....	107-7
Barrier	105-26
cast-in-place.....	606-1 thr 3
concrete	606-1; 630-1,6
landscape weed.....	420-1,2
median	105-26; 601-13, 612-4
Non-Concrete	630-5
Permanent Concrete.....	606-2
precast.....	606-3
sediment.....	208-4, <i>See</i> Silt Dikes
Sound.....	105-4
Temporary	630-6
Temporary Precast Type 7 Concrete	606-3
Wood Noise	607-1
bars.....	202-9; 412-1; 618-1
BASES	304-1
Stabilized Bases.....	412-11
Basis of Payment.....	101-2
Beads.....	106-14; 713-2
beams	106-8, 9
Bearing Device.....	512-1
Type I	512-1
Type II.....	512-1
Type III.....	512-2
Bearing Materials.....	705-2
Bed course material.....	206-4, 6, 703-6,7
for Sidewalks.....	703-6
for Slope protection or riprap filter blanket.....	703-6
Bending.....	602-1
BFM.....	<i>See</i> Bonded Fiber Matrices
Bidder.....	101-2
Prequalification of.....	102-1
Bidding Requirements	102-1
Bids	101-5
materially unbalanced.....	102-2
mathematically unbalanced	102-2
bikeways	608-1
Bit. Co. CSP.....	<i>See</i> Bituminous Coated CSP
Bituminous Coated Corrugated Steel Pipe and	
Pipe Arches	707-1
Bituminous Material	702-1
Asphalt Cements.....	702-1
Emulsified Asphalts	702-2
Hot Poured Joint and Crack Sealant.....	702-8
recycling agent	406-1
rejuvenating agent	407-1
Blading.....	203-8
Blading and Dozing.....	203-8
BLM.....	<i>See</i> Bureau of Land Management
Blotter Material	407-1
bluetops	105-26
Bolt.....	105-27
Bolt locations and patterns.....	105-27
bolts.....	508-2
Bonded Fiber Matrices.....	213-4
bonding	105-41; 109-13
Bonding and Grounding.....	614-18
Bonds	
Requirement of Contract	103-1
Borrow	109-9; 203-1
material.....	106-1
pits	106-1
break-away	210-1; 614-22; 614-1
breakpoint	105-21
Brick	
Clay or Shale	604-1; 704-1
Concrete.....	604-1; 704-1
Concrete Masonry Blocks	704-1
Sewer and Manhole	704-1

INDEX

	Page		Page
Bridge.....	101-3	Certificate of Compliance	101-3; 208-1;
AASHTO LRFD Bridge Design Specifications	206-8; 509-1	.....	106-3,4
Bridge Expansion Device.....	518-1,2,11	Certifications, Calculations, and Testing	
approach.....	412-11	Reports	504-4
deck.....	105-20	Certified Invoice	101-3
Length.....	101-3	Certified Mill Test Reports	618-1, 5
Roadway Width	101-3	Certified Test Report.....	101-3; 106-15
prestressed concrete	105-1	certified welding inspector.....	502-6
steel.....	105-1; 106-13; 601-12; 709-1	CF.....	<i>See</i> coarseness factor
Test Bridge.....	412-3	Chain Link Fabric	710-1
Bridge Deck		Changes of Claim.....	105-45, 51
Curing	601-26	Channel Application.....	216-5
Placing, Consolidating and Finishing	601-24,25	Channelizing Device.....	630-3, 9
Brush Layer Cuttings	214-2, 3	Character of Workers; Methods and	
Bureau of Land Management.....	625-1; 629-1	Equipment	108-6
burlapping	214-1	Charpy V-notch	509-1
bus pad	105-21	check testing program	106-4,11
Buy America Requirements	106-13	Chief Engineer	101-4, 5; 105-27
cabinet.....	202-2, 614-4,5	Chief Engineer Decision	105-42
cableways.....	105-25	Chip seal	
CAG	<i>See</i> combined aggregate gradation	Weather Limitations	409-1
caissons	107-5; 503-4,8,12	CHIP SEAL.....	409-1
Calcium Chloride.....	712-1	POLYMERIZED EMULSIONS FOR.....	702-3
Calendar Day	101-3, 108-7	Chip sealing operations.....	409-1
caliper.....	214-3, 215-2	Chloride.....	203-3; 206-3
Camber Tolerance	509-13	Chronic Finding	208-20, 21
Cambering.....	509-8,10	circumferential	510-2
CAP.....	<i>See</i> Corrugated Aluminium Pipe	CJP	<i>See</i> Complete Joint Penetration
CAPWAP	<i>See</i> Case Pile Wave Analysis	Cl.....	<i>See</i> Chloride
	Program	Claim Package Submission.....	105-39
Carpentry.....	622-4; 717-2	Claims for Unresolved Disputes	105-38
Case Pile Wave Analysis Program	502-5	Clarification and Reconsideration of	
casing	503-3, 6	Recommendation	105-35
Cattle Guards	105-21; 611-1	Cleaning	
CBC.....	<i>See</i> concrete box culvert	Cleaning of Connections.....	509-17
CDOT Erosion Control and Stormwater		Cleaning of Surfaces to be Painted .	509-13
Quality Guide.....	208-10	Cleaning of Unpainted ASTM A709 Grade	
CDOT Project Engineer	101-5	50W Steel.....	509-13
CDOT Resident Engineer	101-3	Field Cleaning and Painting of Steel.....	509-20
CDOT's Regulated Asbestos-Contaminated		Final Cleaning Up.....	104-3
Soil Management Standard Operating		CLEARING AND GRUBBING	201-1
Procedure, dated October 18, 2016... 250-10		Closing of Hearing.....	105-48
CDPS-SCP	<i>See</i> Colorado Discharge Permit	CMTRs.....	<i>See</i> Certified Mill Test Reports
System Stormwater Construction Permit		coarseness factor	106-7
CDW	<i>See</i> Construction Dewatering	cobbles	420-1
Cement		COC	<i>See</i> Certificate of Compliance
Asphalt.....	401-3; 420-1; 702-1	cold recycled	406-1
Hydraulic.....	601-8; 701-1	Cold Weather Concrete Paving	412-8
mortar lining.....	716-2	Cold-Asphalt Pavement (recycle)	
Slag	601-4,8; 701-2	Weather Limitations	406-1
Ceramic Tile.....	622-3; 717-2	Colorado Contractors Association	105-31

INDEX

Page	Page
Colorado Discharge Permit System	Placing..... 412-3
Stormwater Construction Permit.....	Portland Cement Concrete Pavement.....
.....107-14; 208-1	..... 106-7,12; 412-1
Colorado Water Quality Control Act	Preparation of Subgrade
..... 107-11; 14	Pre-placement Conference..... 518-9; 601-17,24
Comfort Station and Sanitary Station Signs	PRESTRESSED
..... 622-2	Prestressed Concrete (Post-tensioned) 105-5
Compaction.....203-6; 304-1; 307-2; 401-8	Prestressed Concrete (Pre-tensioned)..... 105-5
Compaction equipment.....203.5; 206-5	Reinforcing Steel..... 202-1; 503-3, 7; 504-46;
compaction pavement test section .....	..... 602-1; 708-7; 709-1
401-1,9	Removing Forms
Compensation for Altered Quantities..... 109-4	412-11
Compensation for Changes and Force Account	Repair of Defective Concrete Pavement . 412-9
Work..... 109-4	Setting Forms
Compensation for Compensable Delays. ....	..... 412-11
..... 109-13	Slope and Ditch Paving
Competent Persons..... 107-3	507-1; 601-2
Complete Joint Penetration..... 502-8	Splitting Tensile Strength of Cylindrical
Completion Date Contract	Concrete Specimens
108-7	..... 105-18
Composition of Mixtures	Water
401-1	..... 712-1
Compost	Concrete blockouts
208-3; 212-1	Forms..... 518-10
compressive strength... 105-17; 106-12; 412-5,	Concrete Curing Materials..... 711-1
8, 14	Concrete for Pretensioned and
COMPRESSIVE STRENGTH CRITERIA.....	Combination Tensioned Products 618-2, 16
..... 105-18; 106-10, <i>See</i> Table 106-3	CONCRETE PAVEMENT.... 105-7,15; 202-8;
CONCRETE	..... 412-1
Acceptance and Pay Factors..... 601-27	Concrete Saw
AGGREGATE GRADATION TABLE	412-3
..... 703-1, <i>SEE</i> Table 703-1	Concrete slabs
AGGREGATES	412-9; 601-20
601-8,18; 703-1	Concrete Washout Structure..... 208-4, 17
Air Content Adjustment	Prefabricated, Type 1
601-10	..... 208-5, 17
Batching..... 412-1; 601-7; 618-16, 17	prefabricated, type 2..... 208-5, 17
Bridge Decks	Conduct of Proceedings
601-26	105-47
box culvert..... 104-3; 601-12,31	Conduit..... 603-1; <i>See</i> pipe
Cold Weather Concrete Paving	Bedding for Concrete or Clay
412-8	..... 603-2
Construction by Form Method	Concrete or Clay..... 603-2
412-11	Electrical..... 613-1; 713-4; 715-6
Construction by Slip Form Method..... 412-11	Fittings..... 613-5; 614-20; 713-6; 707-1
Curing..... 412-8; 601-21,26; 641-2; 713-9	Flashing at Flues, Breather Vents, Vents, Roof
Curing, water used..... 307-1; 712-1	Drains and Emergency Light Conduit.... 622-3
Curing Materials..... 711-1	Joining
Dowel Bar Retrofit .....	..... 603-2
412-8,17	Metal..... 603-2
Dowel Bars and Tie Bars..... 709-1	Placing..... 603-2
Epoxy..... 712-5; 713-8	Plastic
Falsework .....	..... 603-2
101-4; 601-15 thr 17	Conformity..... 101-3
Finishing	Conformity to Roadway Smoothness Criteria
412-4	..... 105-19
Finishing Equipment	Conformity to the Contract
412-2; 518-10	105-5
HYDRAULIC CEMENT . 601-8; 618-2; 701-1	Conformity to the Contract of Portland
JOINT	Cement Concrete Pavement..... 105-15
412-5; 705-1	Conformity to the Contract of Superpave
Limitations of Placing	Performance Graded Binders
412-3	..... 105-10
Macro Fiber-Reinforced	Connections Using High-Strength Bolts.....
507-1; 601-2	..... 509-13
maturity meters..... 206-5; 412-8,14; 601-12	Consistent ground freeze..... 212-3
Mixing	Consolidation or Joinder
412-2	105-43
Opening to Traffic	
412-14	
Pay Factors	
601-27; <i>See</i> Table 601-3	

INDEX

	Page		Page
Construction	101-8	contaminated material	106-2; 250-5
Construction by Form Method.....	412-11	Contract.....	101-3
Construction by Slip Form Method	412-11	Award of	103-1
Construction Dewatering	107-12	Conformity to the.....	105-5
Construction Drawings	101-3	Conformity to the Contract of Hot Mix Asphalt	105-11
Construction of Control Measures	208-16	Default of.....	108-9
Construction Over and Adjacent to Navigable Waters.....	107-7	Determination and Extension of Contract Time	108-7
Construction Requirements.....	101-3	Execution and Approval of.....	103-1
Construction Stakes, Lines and Grades	105-26	Intent of.....	104-1
Construction Surveying	625-1	Item.....	101-3
accuracy tolerance.....	625-3; 629-2	Modification Order	101-3
Changes.....	625-3	Payment Bond.....	101-3
Contractor Surveying	105-26; 625-2	Performance Bond	101-3
MATERIALS AND EQUIPMENT	625-1	Subletting of.....	108-1
Monuments and Stakes	625-3	Termination of	108-10
Pay Quantities Measurements	625-3	Time	101-3
Responsibility and Inspection	625-3	Contract Modification Order.....	101-3
Survey Records.....	625-3	Contractor	101-4
Construction Traffic Signs		Cooperation Between.....	105-26
Panel Size A.....	630-11	Cooperation by.....	105-25
Panel Size B	630-11	Cooperation with Utilities.....	105-25
Panel Size C	630-11	Engineer	101-4
Special.....	630-11	Responsibility for Work.....	107-10
Construction waste.....	107-14	Source	106-2; 107-11
Construction Zone Traffic Control.....	630-1	CONTRACTOR SUBMITTALS ...	105-3 thr 5
Automated Flagging Assistance Devices	630-1	Contractor Surveying	105-25; 625-2
barricades	630-1	CONTRACTORS PERFORMANCE	
Channelizing Device	630-3	CAPABILITY STATEMENT	103-1
Concrete Barrier.....	630-5	Control Measures	
delineators	630-1	Construction of	208-16
Electronic Advance Warning Signs	630-3	for Stormwater.....	208-13
Emergency Pull-Off Area (Temporary).	630-10	for Stormwater Pollution Prevention	101-4
flagging	630-1	CONTROL OF MATERIALS	106-1
Flagging and Pilot Car Operation	630-9	CONTROL OF WORK.....	105-1
flashing beacon (portable).....	210-2; 630-1	Controller Cabinet	
masking and unmasking existing signs....	630-1	Contents	614-4
mobile pavement marking zones.....	630-1	Cooperation Between Contractors	105-26
Non-Concrete Barrier.....	630-5	Cooperation by Contractor.....	105-25
pilot car operation	630-1	Cooperation with Utilities.....	105-25
Public Information	630-8	Coordination of Plans, Specifications, Supplemental Specifications, and Special Provisions.....	105-25
Signs and Barricades.....	630-1	Copper Pipe.....	717-3
Temporary Barrier	630-4	Core.....	105-23; 106-7; 712-5
Temporary Channelizing Devices.....	630-3	corrective action.....	106-2, 6
Temporary Masking Signs	630-9	Corrective work	105-19 thr 22
Temporary Portable Rumble Strip ...	630-10, 14	correlation curve	105-18
Temporary Traffic Signals.....	630-3	Corrosion resistant	624-2
Traffic Cones	630-3	Steel	710-1,2
Traffic Control Management	630-1, 7	turf reinforcement mat	216-3
Traffic Control Plan	630-5	Corrosion Resistant.....	<i>See Drainage Pipe</i>
Transportation Management Plan	630-5		
Transportation Operations Plan	630-7		
Consultant Project Engineer	101-5, 105-29		
Contaminated Groundwater Disposal	250-8		

INDEX

Page	Page
Corrugated.....	203-3
aluminum.....	203-3
metal.....	202-1; 603-2
polypropylene.....	630-9
Steel Pipe and Pipe Arches.....	707-1
corrugated steel	
Sheeting.....	501-1
costs.....	105-20
County.....	101-4
Cover Coat Material.....	409-1
Cross Stitching.....	412-14
Equipment.....	412-15
Crosshole Sonic Log.....	503-10
CSL.....	<i>See</i> Crosshole Sonic Log
CSP.....	<i>See</i> Corrugated Steel Pipe
CTP.....	<i>See</i> check testing program
CTS.....	<i>See</i> compaction pavement test section
Culvert.....	101-4
and Sewers.....	603-1
Clean.....	202-6
concrete box.....	104-3; 601-12
Repair of Damaged.....	603-3
Culverts and Sewers.....	603-1
Backfilling.....	603-2
Bedding for Concrete or Clay Conduit....	603-2
Deflection Testing of Metal and Plastic Pipe	
.....	603-3
Elongation.....	603-2
Excavation.....	603-1
Joining Conduit.....	603-2
Placing Conduit.....	603-2
Curb	
Bituminous.....	609-2
fog coat.....	609-2
Type 2 Cast-in-Place Concrete.....	609-1
Type 4 Dowelled Concrete.....	609-1
Type 6 Sloping.....	609-1
Curb and Gutter.....	609-1
Backfilling.....	609-2
Bed Course Material.....	609-1
Bituminous.....	609-1
Cast-in-Place Concrete.....	609-1
Concrete.....	609-1
Curing.....	609-1
Excavation.....	609-1
Expansion Joints.....	609-1
Forms.....	609-1
Joint Filler.....	609-1
Machine.....	609-2
Mixing and Placing.....	609-1
Painting and Sealing.....	609-2
Reinforcing Steel.....	609-1
Sections.....	609-1
Surface Tolerance.....	609-2
Tack Coat.....	407-1; 609-2
Curb Ramp	
Bituminous.....	608-1
Concrete.....	608-1
Curb roll.....	208-7
Curb roll for Storm Drain Inlet Protection.....	
.....	208-7
curing	
accelerated.....	618-19
Blanket Method.....	601-26
Cold weather.....	507-3
Cold Weather Limitations.....	601-18
Concrete Other Than Bridge Decks.....	601-21
film.....	412-8, 641-2
Finishing and.....	307-3
Form Method.....	601-22
Hot Weather Limitations.....	601-18
initial.....	618-18
Membrane Forming Curing Compound	
Method.....	601-26
moist.....	618-18
self-curing.....	614-19
temperature.....	618-6,19
Water Method.....	601-26
Water used.....	307-1; 712-1
CVN.....	<i>See</i> Charpy V-notch
CWI.....	<i>See</i> certified welding inspector
Dampproofing.....	516-1
Date, Time, and Place of Hearing ...	105-46, 51
Day.....	101-4
De Novo Litigation or Merit Binding	
Arbitration.....	105-42
debris.....	107-5, 202-4, 614-19
deceleration lanes.....	105-16; 412-7
Deck	
Concrete.....	515-1
forms.....	601-10
overhang.....	601-16
Permanent Steel Bridge.....	601-13
precast panel.....	601-13
steel.....	601-13
defects.....	107-9, 504-9;509-7; 618-19
Delay.....	108-7
Delineators.....	612-1; 630-1
Flexible Posts.....	612-1
Steel Posts.....	612-1
Delineators and Reflectors.....	612-1
Department.....	101-4
Department Furnished Materials.....	106-13
Department Smoothness Verification Testing	
.....	105-24
Department Surveying.....	105-26

INDEX

	Page	Page
Design Heights and Supplied Reinforcing		Excavation Inspection..... 503-8
Material.....	504-3	Foundation Testing..... 503-11
Detectors		Installation Plan 503-1, 10
Magnetic.....	614-6	Load Tests..... 503-11
Micro Loop.....	614-6	Piers 503-1
Determining Quality Level.....	105-12; 106-3,6	Drip Emitters..... 623-2
Detours.....	104-2; 202-3	Drip Systems..... 623-5
dewatering.....	107-12, 13, 15	DSHAFT <i>See</i> Drilled Shaft Foundation Testing
Diamond Grinding.....	202-1; 412-4	ductile steel wire 216-4
Diamond Grinding Concrete Pavement..	202-8	Dust Palliative..... 209-1
Differing Site Conditions.....	104-1; 109-4	Duties of the Inspector..... 105-27
Differing Site Conditions, Suspensions of		EARTHWORK 201-1
Work, and Significant Changes in the		ECI..... <i>See</i> Erosion Control Inspector
Character of Work.....	104-1	ECM..... <i>See</i> Erosion Control Management
Discharges.....	107-12	EDMI..... <i>See</i> Electronic Distance Measuring
Allowable Non-Stormwater.....	107-14	Instruments
Allowable Stormwater.....	107-14	elastomeric..... 512-1
Disclosure.....	105-32, 44	Electrical Work..... 622-7,8
Disincentive.....	106-11	Electronic Distance Measuring Instruments
Disincentive payment.....	105-16; 106-11	..... 625-1; 629-1
Dispute Resolution.....	105-29,30	elevations..... 105-26
Dispute Review Board.....	105-31	Eliminated Items..... 109-6
Dispute Review Board Hearing.....	105-34	elliptical..... 603-2; 706-1
Dispute Review Board Recommendation.....	105-35, 40	Embankment 203-1
Dispute Review Board Three Party Agreement		General Embankment Construction
.....	105-37	Requirements..... 203-5
Document Retention.....	105-30	Embankment Material..... 109-3, 203-1
Documents.....	105-24,33, 45	Recycled concrete or asphalt 203-2
Doors, Frames and Windows.....	622-3; 717-1	Rock..... 203-2
Dozing.....	203-8	Rock Fill..... 203-2
Drain		Soil..... 203-2
French.....	605-1	Embankment Placement and Compaction
Geocomposite.....	605-1,712-5	Requirements..... 203-6
Pipe Underdrain and Pipe Edge.....	605-1	emergency pull-off areas..... 630-1, 10
Subsurface Outlet.....	605-2	end sections..... 603-1; 624-1
Drawings		Engineer..... 101-4
Construction.....	101-3; 105-3	CDOT Project..... 101-5
Shop.....	101-7; 105-1, 2	Environmental..... 107-11,12
Working.....	101-9; 105-2	Preconstruction conference..... 107-12; 208-7
DRB.....	<i>See</i> Dispute Review Board	Environmental Protection Agency.....
Drilled Shafts.....	503-1	..... 208-14; 217-1; 250-2, 8
Assembly and Placement of Reinforcing Steel		ENVIRONMENTAL, HEALTH AND
.....	503-8	SAFETY MANAGEMENT..... 250-1
Caissons.....	503-1	EPA..... <i>See</i> Environmental Protection Agency
Casings.....	503-3	epoxy material
cast-in-place drilled holes.....	503-1	curing..... 713-9
Cast-in-situ piles.....	503-1	Equipment... 101-4; 105-28,41; 107-12; 108-6;
Concrete.....	503-3	109-5
Concrete Placement, Curing, and Protection		Erosion and Sediment Control Activities.....
.....	503-9	..... 208-8
Construction Tolerances.....	503-9	Erosion Bales..... 208-1, 16
Excavation.....	503-5	

INDEX

Page	Page
Erosion control.....107-10; 208-1	Chain Link Fabric.....607-1; 710-1
CDOT Erosion Control and Stormwater	End Posts, corner posts and line brace posts
Quality Guide 208-10,13	..... 607-2
Inspector (ECI) 208-10	Plastic 607-1
Duties..... 208-10	Posts 607-1; 710-2
order of precedence inspections 208-10	Right of Way 607-1
Erosion Control and Drainage 420-1	Silt 208-2,16
Erosion Control Inspector 208-10	Snow..... 607-2; 710-1
Erosion Control Management 208-8, 23, 24	Wood Noise Barrier..... 607-1; 710-1
Erosion Log	Woven Wire 607-1; 710-1
Dimensions of..... 208-3	Fences 607-1
Type 1..... 208-3	Fences and Gates..... 210-1
Type 2..... 208-3	Field Laboratories 620-1
Type 3..... 208-3	Field Offices..... 620-1
Evidence..... 105-42, 47	Filter Material 206-4, 6; 703-7,8
Evidence by Affidavit and Post-hearing Filing	Class A 206-4
of Documents or Other Evidence..... 105-47	Class B..... 206-4
Examination of Plans, Specifications, Special	Class C..... 206-4
Provisions, and Site of Work..... 102-1	fitting..... 622-5; 623-2
Excavation..... 109-8; 203-1, 4; 206-4	flagging 630-1
Borrow..... 203-2	Nighttime flagging stations 630-9
Definitions 203-1	personnel 630-10
Potholing 203-2	Flagging and Pilot Car Operation 630-9
Removal of Unsuitable Material 203-1	Flagpole..... 622-8
Rock..... 203-1	Flashing beacon 210-2; 614-2, 22
Stripping 203-2	flexural strength 105-16, 106-8 thr 12
Unclassified..... 203-1	FLEXURAL STRENGTH CRITERIA 105-16 thr 18, <i>See</i> Table 105-11
EXCAVATION AND BACKFILL..... 206-1	Float 108-2
EXCAVATION AND EMBANKMENT. 203-1	Finish on Horizontal Surfaces 601-20
Expansion Devices	Floating 412-4
Asphaltic..... 518-1	Hand..... 412-4
Elastomeric 518-1	Flow Sensor 623-2
Modular 518-1	Flux Core Arc Welding 509-11
expansion joints 412-8; 518-1,6; 608-1; 601-1	fly ash..... 412-1; 601-3; 701-1; 703-5
Extensions of Time 105-48	fog seal..... 409-1, 2; 507-3
Extra Work 101-4; 104-2	footings 105-26; 202-2; 601-11
Failure to Complete Work on Time..... 108-8	Force Account Work 101-4; 109-4, 6
Failure to Comply 107-4	Forest Protection 107-8
Failure to Maintain Roadway..... 105-28	Form
Falsework..... 101-4, 601-14	Cast-in-Place Concrete Curb 609-1
Construction 601-16	Concrete Sidewalks and Bikeways..... 608-1
design..... 601-15	Construction by Form Method 412-11
footings..... 601-15	Construction by Slip Form Method..... 412-11
Removal..... 601-16	Lumber 601-11
FAST TRACK PROCEDURES..... 105-51	Metal..... 601-12
FCAW <i>See</i> Flux Core Arc Welding	Permanent Steel Bridge Deck..... 601-13
FCM <i>See</i> Fracture Critical Members	Precast Panel Deck 601-13
FCP..... <i>See</i> Fracture Control Plan	Re-use of..... 601-13
Federal Aid Provisions..... 107-1	Setting..... 412-11
Fence 105-26, 109-3; 208-2; 210-1; 710-1	Wooden 601-20
Barbed Wire..... 607-1; 710-1	
Chain Link..... 607-2	

INDEX

	Page
Form 605..... <i>See</i> CONTRACTORS PERFORMANCE CAPABILITY STATEMENT	
Form 621..... <i>See</i> ASSIGNMENT OF ANTITRUST CLAIMS	
Formation of Dispute Review Board	105-32
Formwork.....	101-4; 601-16
foundation	109-1; 202-1; 412-11; 504-7
Fracture Control Plan.....	509-20
Fracture Critical Members	509-20
friable	207-1
Fuel cost adjustment	109-8 thr 10
galvanized	509-13,16; 710-1; 716-2
Galvanized and Metallized Steel	509-2
gas lines.....	105-25
Gaskets.....	705-1
Gate.....	607-1
Deer.....	607-2
Driveway.....	607-2
Walk.....	607-2
General Land Office	625-1; 629-1
geomembrane.....	420-1; 712-1
Geomembrane and Joints.....	504-4
Geosynthetic	420-1; 504-2; 712-1
geotextiles	420-1 thr 3; 504-3,17; 712-2
Fabric Properties	208-4
Requirements	208-4, <i>See</i> Table 208-6
Separator	420-2
Girder	105-27; 107-4; 250-6; 509-8 thr 16; 601-11,16,20; 618-20 thr 22
seats.....	105-27
Glass and Glazing	622-4; 712-2
Glass Beads for Pavement Marking.....	106-14
glass cullet..... <i>See</i> Recycled broken glass	
GLO..... <i>See</i> General Land Office	
Global Positioning System.....	625-1; 629-1
GPS	<i>See</i> Global Positioning System
Grade stakes	105-26
grades	105-26; 401-1
Grinding	105-23; 202-8; 412-4
Ground Sign.....	210-1; 614-17
grounding 107-4; 614-18; 622-8; 713-4; 715-7	
groundwater	107-12; 250-7,8
grout 412-15; 504-11 thr 14; 618-1,8,13 thr 15	
guardrail	109-1; 202-1; 210-1; 606-1; 710-1
concrete.....	606-2
Hardware.....	606-1
Posts	606-1
Type 3 Guardrail – Midwest Guardrail System (MGS) W Beam 31 Inches.....	606-1
Type 4 Precast Concrete Barrier	606-1
Type 6 Guardrail – Thrie Beam	606-1
Type 7 Guardrail – F-Shape Concrete Barrier (Precast) (Temporary).....	606-1
Type 9 Guardrail – Single Slope Concrete Barrier	606-1
gutter	105-21; 107-13; 202-1; 604-1
gutter pan	105-21
Hand finishing.....	412-4
hardiness zones	214-1
<i>HASP</i> <i>See</i> Health and Safety Plan	
Hazardous Waste Disposal.....	250-8
heads	202-2
Health and Safety Officer	250-2
Health and Safety Plan.....	250-3
Heating and Scarifying	405-1
Heating and Ventilation.....	622-7
Heavy Metal Based Paint Management..	250-6
heavy metals.....	206-2; 250- 6
HERBICIDE TREATMENT	217-1
HIGH MOLECULAR WEIGHT METHACRYLATE	
Properties	<i>See</i> Table 518-3
High-Reactivity Pozzolans	702-2
High Strength Bolt	509-1
Highway.....	101-4; 107-7
Highway Signs and Traffic Signals.....	614-16
HMA	<i>See</i> Hot mix asphalt
HMA Overlay.....	105-23
HMA Removal and Replacement	105-23
HMWM..... <i>See</i> High Molecular-weight Methacrylate	
holes	202-1; 412-16; 508-2; 509-10 thr 13; 601-20
Holidays	101-4
Hopper Scale.....	109-2
horizontal	104-5; 108-3
horticulturally approved.....	214-3
hot mix asphalt.....	105-11,13; 106-3; 401-2, 9; .....403-1; 406- 2
minimum temperature..	401-8, <i>See</i> Table 401-5
Pavement Samples	401-10
Periods Requiring Overlay of Treated Surfaces	401-4, <i>See</i> Table 401-4
Placement Temperature Limitations in °F	401-3, <i>See</i> Table 401-3
Weather Limitations and Placement Temperatures	401-3
HRP..... <i>See</i> High-Reactivity Pozzolans	
<i>HSO</i> <i>See</i> Health and Safety Officer	
Hybrid or Smaller Panel MSE Wall Systems.	504-5
hydrated lime	307-2; 401-2, 6; 712-1

INDEX

Page	Page
Hydraulic Cement	601-8; 701-1
Hydraulic seeding equipment	212-4
hydrologic	107-13; 208-1
I/DP <i>See</i> Incentive and Disincentive Payments	
IAT	<i>See</i> Independent Assurance Testing
Impermeable Synthetic Liner Requirements	<i>See</i> Table 208-8
Impervious Lining.....	420-1
Imported Structure Backfill for Pipes	206-3
Incentive.....	105-16; 106-11
Incentive and Disincentive Payments ...	412-12
Independent Arbitration Provider and Delegation of Duties	105-43
Independent Assurance Testing.....	106-11
Index Values for Natural Fiber Netting.....	208-4, <i>See</i> Table 208-5
Indian tribal rights.....	107-14
Inertial Profiler and Operator.....	105-19
Initial Dispute Resolution	105-30
Initiation of Arbitration	105-43
Initiation of Dispute Review Board	105-31
inlets.....	107-13; 208-13; 604-1
inspect	105-27; 107-6
Inspection and Testing of Work	105-27
Inspection of Pretensioned, Post-tensioned and Combination Tensioned Members	618-4
Inspection or Investigation.....	105-47
Inspector.....	101-5; 105-27
Interim Measures	105-48
Interior Insulation.....	622-4; 717-2
International Roughness Index	105-21
Interpretation and Application of Rules	105-50
Interpretation of Plans & Specifications.	102-1
Interpreters	105-46
Interruption of Irrigation Water Flow.....	107-8
intersection.....	104-2; 401-4; 412-2
Invitation for Bids.....	101-5
IRI	<i>See</i> International Roughness Index
Irrigation	214-3
Irrigation Scheduling	623-7
irrigation system.....	214-4; 623-1 thr 4
Joint and Crack Sealant.....	408-1
Joint Fillers.....	705-1
Joint sealant.....	105-24; 412-10; 705-1
Joints	401-7 thr 10; 412-5; 504-4; 518-1
Abutting.....	509-13
Butt.....	509-6
Construction	412-5; 601-20
Cross Stitching.....	412-14
Expansion	412-8
Longitudinal Construction.....	412-5
Longitudinal Weakened Plane.....	412-6
sawed.....	412-3
sealing.....	412-10
Shiplap	504-2
T	509-6
Transverse Construction.....	412-5; 601-14, 20
Transverse Weakened Plane.....	412-6
Vertical slip	504-3
Weakened Plane	412-6
Jurisdiction.....	105-46
Kick Blocks.....	623-4
laboratory	
.....	101-5, 106-4, 8, 11, 15; 108-4, 203-3
CDOT Central Lab	203-2
CDOT Region.....	203-2
Contractor's.....	203-2
land monuments	625-1, 3
Landscape	107-7, 15; 214-1
Pre-construction Conference	214-1
Landscape Establishment.....	214-4
Landscape Maintenance.....	105-30; 214-4
Landscape Weed Barrier	420-2
Landscaping	209-1
lane.....	105-20 thr 24; 106-12; 202-8; 614-11
Lawn Grass Seeding	212-4
Laws to be Observed.....	107-1
layout.....	105-26; 209-1
LDA	<i>See</i> Limits of Disturbance
Leveling Pad	504-4
Light Standard.....	105-25; 210-1; 613-1 thr 3; 715-1,2
Light Standards, Metal transformer bases.....	715-1
lighting	613-1
Lime Treated Subgrade.....	307-1
SCHEDULE FOR MINIMUM SAMPLING AND TESTING.....	307-4, <i>See</i> Table 307-1
Limitation of Operations.....	108-6
Limits of Construction	107-11; 208-9
limits of disturbance.....	107-11,12; 208-9, 19
liquid limit.....	703-7
Liquidated Damages	108-9
Liquidated Damages and Stop Work Orders	208-20
Load and Resistance Factor Design	601-16
Load Restrictions	105-28
LOC	<i>See</i> Limits of Construction
Long Term Design Strength of Reinforcement	504-2
longitudinal surface smoothness	
.....	105-20; 405-1; 406-3

INDEX

	Page
LRFD <i>See</i> Load and Resistance Factor Design	
LTDS <i>See</i> Long Term Design Strength	
Magnesium chloride.....	209-1
Magnetic Detector Amplifiers.....	614-6
Connector Circuitry	614-6
Magnetic Detectors	614-6
Mailbox	210-1
Maintaining Traffic	104-2
Maintaining Traffic During Free Time ...	104-2
Maintaining Traffic During Suspension of Work.....	104-2
Maintenance Directed by the Engineer...	104-2
Maintenance During Construction.....	105-28
Major structures	105-26
Majority Decision	105-48
manhole.....	105-21; 210-2
Manholes, Inlets, and Meter Vaults.....	604-1
Manual on Uniform Traffic Control Devices	107-7, 614-1; 627-1; 630-1
marks.....	105-26; 107-7; 601-23
MARV <i>See</i> Minimum Average Roll Value	
Masonry	622-1
“T” anchors	622-3
Concrete	622-2
Brick.....	604-1
Cleaning.....	622-2
Installation of Masonry	622-2
Masonry and Masonry Wall Reinforcement..	717-1
Masonry Work in Cold Weather	622-2
Mortar	704-1
Mortar for.....	717-1
Precautions and Protection.....	622-2
Material Guaranty	102-2
Material Handling.....	250-7
Material Inspection at Plant	106-10
Material Sources	106-1
Materials	101-5; 104-2; 105-5,11,15; .....106-1,23; 107-1
Materials Details	701-1
Materials Handling and Spill Prevention.....	208-18
Mean Roughness Index.....	105-22,23
MEASUREMENT AND PAYMENT	109-1
Measurement Not Required	102-1
Measurement of Quantities	109-1
Measurement required	102-1
mechanical earth anchor	216-4
Mechanically Stabilized Earth	504-1
median.....	105-20
median barrier	601-12
Median Barrier Reflector	612-3
Median Cover Material	610-1
Bituminous.....	610-1
Concrete.....	610-1
Patterned Concrete.....	610-1
Stone	610-1
medians	105-20
metal landscape border	213-3,5; 420-2, 3
Metal Specialties.....	622-2;717-1
meter	105-25; 109-3
Methamphetamine Lab Sites.....	250-10
Method for Handling Traffic.....	105-20; 630-5
Method of Measurement	101-5; 109-3
MFBM..... <i>See</i> Thousand Feet Board Measure	
MGS..... <i>See</i> Midwest Guardrail System	
MHT..... <i>See</i> Method for Handling Traffic	
Micro Loop Detectors	614-6
Midwest Guardrail System	606-1
Milling.....	406-1
Mineral filler	401-3; 703-5
Mineral slurry.....	503-3,4
Requirements	503-4; <i>See</i> Table 503-1
Mineral Survey.....	625-1; 629-1
Minimum Average Roll Value.....	504-1;712-1
Minor structures	105-26
MISCELLANEOUS CONSTRUCTION	601-1
Mix Design.....	401-1
Mixing.....	304-1; 307-2; 401-4, 6
Mobilization.....	108-4; 109-6; 626-1
Modified Epoxy Pavement Marking.....	105-8; .....627-3; 713-18
Moisture and Density Control.....	209-1
Monitoring Technician	250-3
monuments.....	107-7; 625-3; 629-1 thr 3
MRI	<i>See</i> Mean Roughness Index
MS..... <i>See</i> Mineral Survey	
MS4s <i>See</i> Municipal Separate Storm Sewer System	
MSE	<i>See</i> Mechanically Stabilized Earth
MSE Wall.....	504-5
MT.....	<i>See</i> Monitoring Technician
Mulch	
Hay or Straw	213-4
Hydraulic	213-4
Spray-on Mulch Blanket (Type 2).....	213-3
Spray-on Mulch Blanket Type 1.....	213-3
wood cellulose fiber, specifications.....	213-1
mulch tackifier	213-2, 5
MULCHING.....	213-1
Municipal Separate Storm Sewer System.....	101-2; 208-12,
MUTCD..... <i>See</i> Manual on Uniform Traffic Control Devices	

INDEX

	Page
National Geodetic Survey	625-1; 629-3
National Oceanic and Atmospheric Administration/ National Geodetic Survey	625-1
Native Seeding	212-5
NDT	<i>See</i> Nondestructive Testing
Neutral Arbitrator's Compensation	105-50
NGS.....	<i>See</i> National Geodetic Survey
No Waiver of Legal Rights	107-10
NOAA / NGS	<i>See</i> National Oceanic and Atmospheric Administration/ National Geodetic Survey
Nominal Driving Resistance	502-2, 4
Dynamic Testing	502-4
of Production Piles	502-5
Wave Equation Analysis	502-4
nondestructive testing	509-4
Notice of Intent to File a Claim	105-39
Notice to Proceed.....	101-3, 5; 108-1, 5
Notification of Fabrication for Pretensioned and Combination Tensioned Members ...	618-4
OA.....	<i>See</i> Owner Acceptance
Oaths	105-46
OG.....	<i>See</i> Optimized Gradation
On Demand DRB.....	105-31, 33
Opening Sections of Project to Traffic....	107-9
operations.....	105-25; 107-4, 8, 12
Optimized Gradation.....	106-9; 601-2, 6
Ordinary High Water Mark.....	101-5
Original Contract Amount.....	101-5
Other Submittals	105-1, 3
Overhead Sign Structures	614-21
Butterfly.....	614-21
Cantilever	614-21
Sign Bridge.....	614-21
Sign Bridge Cantilever	614-21
Owner Acceptance	106-9; 601-27, 29
PA.....	<i>See</i> Project Acceptance
paint..	105-8; 202-2; 250-6; 508-2; 509-13,20; .....609-2; 614-20; 622-4; 627-2
Paint Removal and Waste Disposal	250-6
Paints.....	708-1
pan.....	105-21
Panel.....	504-1 thr 4, 6, 8
Parshall measuring flumes	615-1
Partial Acceptance.....	105-29; 208-22
Partial Joint Penetration	502-6, 7, 8
Partial Payments.....	109-6
patching.....	105-11; 106-3; 403-1; 412-16, 18; .....601-13
Patented Devices, Materials, and Processes	107-1
patterns.....	202-2
roller.....	401-9
Pavement.....	105-23; 106-12,14; 202- 2,3,8; .....401-1, 10
pavement marking.....	105-8; 106-14; 202-2, 5; .....627-1 thr 7; 708-2; 713-6 thr 10
Pavement Structure	101-5
pavement surface texture	105-19
Pavements	202-3; 401-1
PLANT MIX	401-1, 4
Pavements, Sidewalks, Curbs	202-3
paving.....	401-4, 7; 412-2, 8; 420-1
pay factor	105-9, 12; 401-2; 601-27; <i>See</i> Table 105-9
Pay Item	101-3; <i>See</i> Contract Item
Payment Schedule.....	108-5, 6
PBA.....	<i>See</i> Push Button Assembly
PC.....	<i>See</i> Process Control
PC Manager	618-4
PC/OA.....	<i>See</i> Process Control/Owner Acceptance
PCC.....	<i>See</i> Portland Cement Concrete
PCCP.....	<i>See</i> Portland Cement Concrete Pavement
PCP	<i>See</i> Process Control Plan
PCU.....	<i>See</i> Power Control Unit
PDA.....	<i>See</i> Pile Driving Analyzer
PE.....	<i>See</i> Polyethylene, <i>See</i> Professional Engineer
pedestal	202-2; 613-1,6; 614-18 thr 20; .....715-6,7
PEDESTRIAN AND BIKEWAY RAILING	514-1
Pedestrian Push Buttons.....	614-7
PERFORMANCE GRADED BINDER LIMITS	105-10, 11
Permanent Water Quality	208-13, 22
Permits, Licenses, and Taxes.	107-1
Personal Liability/Public Employees. ...	107-10
personal protective equipment .....	.....107-1, 4; 250-2,3,5
petroleum, oils, and lubricants	208-18
PF	<i>See</i> Pay Factors
pH.....	203-3 thr 5; 206-4
PHOTODEGRADABLE FOR BIODEGRADABLE BLANKETS Performance Requirements	<i>See</i> Table 216-2
Physical Requirements	<i>See</i> Table 216-2

INDEX

	Page		Page
pick-up machine.....	406-3	Corrugated Steel Pipe and Pipe Arches ...	707-1
pier cap.....	105-26; 601-17, 23, 24	Corrugated Steel Pipe for Underdrains	707-1
piers.....	105-26, 27; 503-1	Corrugated Steel Pipe Nestable	603-1
Pile Driving Analyzer	502-4	culvert	101-4; 202-1, 6; 206-5; 603-1
pile head.....	5508-2	Deflection Testing of Metal and Plastic...	603-3
pile tips.....	502-7	Drain Tile.....	706-1
Piles		Drainage.....	206-8; 420-1; 504-4, 7; 601-20; 605-1; 622-5, 6; 624-1
Determination of Nominal Driving Resistance .	502-4	Ductile Iron	603-1; 707-1
Driving	502-3	edge drain.....	605-2
Extensions and Splices.....	502-6	Elliptical shaped.....	603-2; 706-1
Filling and Capping.....	502-4	full circle	510-1
Hammer Cushion	502-3	Galvanized	509-2; 716-2
Hammer efficiencies	<i>See Table 502-1</i>	irrigation.....	107-8; 214-3, 4; 623-1
Hammers.....	502-2	Jacked.....	619-1
HP Piles sizes.....	<i>See Table 502-2</i>	line owners.....	105-25
Jetting.....	502-3	MATERIALS ALLOWED FOR CLASS OF	
Length	502-6	.....	624-2
Pile Driving Equipment	502-1	METAL.....	707-1
Predrilling to Facilitate Pile Driving.....	502-4	nestable	603-1
Protective Coatings	502-1	non-reinforced concrete	203-3; 601-4; 706-1
Rolled Structural Steel.....	502-1	Perforated.....	605-1; 616-1; 706-1; 707-1, 2; 712-5
Static Load Test	502-5	Perforated Concrete	706-1
Steel Pipe	502-1	Pipe Class.....	203-3; 206-3
Piling.....	105-26, 501-1; 502-1	plastic	203-3; 206-3; 603-13; 623-2; 712-5
Defective.....	502-7	Plastic Pipe and Fittings.....	623-2
pilot car operation	630-1, 9, 12	Plastic Pipe for Underdrains	712-5
pins and rollers.....	509-2	Polymer Precoated Corrugated Steel Pipe	707-2
Pipe		Polyvinyl Chloride.....	518-1; 623-2; 705-6; 712-1, 6
Aluminized Corrugated Steel Pipe Ty 2 ..	707-2	Porous Concrete.....	706-1
aluminum alloy	510-1; 601-18; 624-2; 713-1; 715-1	pre-coated corrugated steel	203-3
aramid fiber bonded corrugated steel.....	203-3; 206-3; 707-1	pressure	623-2 thr 5
arch.....	509-12; 510-1; 601-17	PVC.....	<i>See Polyvinyl Chloride</i>
bell-and-spigot	603-2; 716-2	Reinforced Concrete	203-1; 706-1
bituminous coated corrugated steel.....	203-3; 206-3; 605-1; 624-1; 707-1, 2	Relaid.....	210-1; 603-2
Bituminous Coated Corrugated Steel Pipe for		RESISTIVITY REQUIREMENTS FOR	
Underdrains.....	707-2	METAL PIPES	624-3
CARRYING NON-POTABLE WATER	716-1;	Rotational Molded Pipe	712-5
.....	<i>See Table 716-2</i>	underdrain	504-10, 14, 18; 605-1; 707-1, 2
CARRYING POTABLE WATER.....	716-1;	Vitrified Clay	603-1; 605-1; 706-1
.....	<i>See Table 716-1</i>	Welded Steel.....	619-1; 716-1
Cast Iron.....	508-1; 509-21; 616-1; 716-1	PJP.....	<i>See Partial Joint Penetration</i>
cast iron soil	717-2	Planned Force Account	101-5
Coated Concrete.....	706-1	Plans.....	101-5; 102-1; 105-1, 25
Concrete and Clay.....	706-1	Plans, Shop Drawings, Working Drawings, Other submittals, and Construction Drawings	
copper.....	623-7; 716-1, 2; 717-3	.....	105-1
corrugated aluminum	203-3; 206-3; 707-2	Plant Mix Pavements	401-1
Corrugated Aluminum Pipe for Underdrains		PLANTING.....	214-1
.....	707-2	Planting pits	214-2
corrugated metal.....	202-1; 603-2	Planting Seasons	214-2
corrugated steel	203-3; 206-3; 501-1; 603-1; 707-1	plates 109-1, 3; 504-11; 509-1; 510-1; 512-2, 5	
		Platform Scales	109-2

INDEX

Page	Page
platforms	105-26; 601-26
PLS. <i>See</i> Professional Land Surveyor, <i>See</i> pure live seed	
PLSS.....	<i>See</i> Public Land Survey System
Plumbing and Drainage.....	622-5
pneumatic tire.....	203-7; 406-2, 3; 409-1
pneumatically applied concrete.....	641-1
POL.....	<i>See</i> petroleum, oils, and lubricants
poles	202-2; 613-3, 6; 614-9, 17 thr 20;
.....	715-1, 2
Pollutant byproducts of highway construction	107-13; 208-10, 12
Polyester Concrete	
Aggregate for.....	518-5
Aggregate Gradation	<i>See</i> Table 518-4
Composite System Properties... <i>See</i> Table 518-5	
Polyester Concrete End Dam	518-2, 9
Pre-placement Conference	518-2
POLYESTER RESIN BINDER	
Properties.....	518-4; <i>See</i> Table 518-2
Polyethylene.....	504-2; 601-26; 624-1
Polymer Slurry	503-4
Polypropylene	216-1; 504-2; 624-1;
.....	641-1; 712-6
polytetrafluoroethylene	512-1; 705-4
Polyvinyl Chloride	518-1; 624-1; 705-6;
.....	712-1, 5
Portions of Structures.....	202-3
Portland Cement.....	412-1
Portland Cement Concrete	518-1
Portland Cement Concrete Pavement	105-15; 106-7; 412-1
Classification.....	412-1
Coarse Aggregate	412-1; 601-2, 3, 6, 8; 703-1;
.....	<i>See</i> Table 703-1
Fine Aggregate	412-1; 703-1, 3
Fly Ash	412-1; 701-1
Portland Cement	412-1; 701-1
Postponements	105-47
posts	208-2; 210-1; 514-1; 710-1, 2
post-tensioning.....	618-1, 2
Potholing.....	203-1, 5, 9
Power Control Unit.....	614-8
PP	<i>See</i> Polypropylene
PPE.....	<i>See</i> personal protective equipment
<i>PQR</i>	<i>See</i> Procedure Qualification Record
Pre-Cast Concrete Panel	504-4
Pre-Cast Concrete Panel Facing Unit and	
Panel Joint Material	504-4
Pre-construction Conference.....	101-5
Environmental	218-12, 13
Landscape.....	214-1
Pre-erection Conference.....	107-6; 509-16;
.....	618-21
Pre-Fabricated Concrete Washout Structure	
Type 1.....	208-5
Type 2.....	208-5
Pre-Hearing Exchange and Production of	
Information	105-45
Pre-Hearing Phone Conference.....	105-34
Pre-Hearing Submittal	105-33
Preliminary Hearing.....	105-45, 53
Prestressed Concrete	618-1
Prestressed Unit Materials	714-1
prestressing	618-1
Presurvey Conference	625-1; 629-1
Prewetting	209-1
PRICE REDUCTION FACTORS	105-7;
.....	<i>See</i> Table 105-2
Price Reductions	
Multiplier for HMA.....	105-8; <i>See</i> Table 105-4
Multiplier for Misc Items	105-7;
.....	<i>See</i> Table 105-3
Reflectivity.....	105-9; <i>See</i> Table 105-5
Primary Control surveys	625-3; 629-3
Prime Coat	407-1
Prime Coat, Tack Coat, and Rejuvenating	
Agent.....	407-1
Procedure Qualification Record.....	509-11, 14;
.....	614-16
PROCEDURES FOR LARGE, COMPLEX CONSTRUCTION DISPUTES	105-53
Process Control	105-19, 106- 3, 7
Contractor Process Control.....	203-5
Contractor's Process Control Representative	203-5 thr 7
Process Control Plan..	106-3,7; 509-3, 14, 17;
.....	618-4
process control testing.....	106-5, 7, 9, 12
Process Control/Owner Acceptance.....	401-2
Professional Engineer	101-3, 5; 105-24;
.....	625-1; 629-1
Professional Land Surveyor.....	105-24; 625-1;
.....	629-1
profile.....	105-19 thr 22
Profile Grade	101-5
profile grade line	105-21
Project	101-5
Project Acceptance.....	105-30; 108-5; 412-12
project control staking.....	105-27
Project Engineer.....	101-5; 105-29 thr 31
Project Engineer Review.....	105-31

INDEX

	Page		Page
Project Environmental Permits	208-12	Steel Tube	514-1
Project Review, Schedule, and Erosion Control Management	208-7	Timber.....	514-1
Project Safety & Health Requirements ...	107-4	railroad crossing.....	105-21
Project Safety Management Plan	107-1	Railroad-Highway Provisions.....	107-7
Project Safety Manager.....	107-1, 2, 4, 5	ramps.....	105-16
Project Schedule.....	108-1, 2, 3, 4, 5, 8	RAP.....	<i>See</i> recycled asphalt pavement
Project Special Provisions.....	101-6	Recalcitrant Finding.....	208-13, 20
Project Termini.....	101-6	Reconditioning.....	306-1
Proof Rolling.....	203-7; 206-7; 307-2	Record Set.....	101-6
Proposal.....	101-6	recycled asphalt pavement	703-2
Combination or Conditional	102-2	Recycled broken glass.....	206-2
Consideration of.....	103-1	recycled concrete	203-7; 208-13
Form.....	101-6	Recycled crushed concrete.....	208-5
Guaranty.....	101-6	Recycling Train	406-2
Interpretation of Quantities in.....	102-1	reflectors	612-1; 713-2
Irregular.....	102-2	Region Transportation Director .	101-6; 105-39
Preparation of.....	102-2	Region Transportation Director Decision	105-41
Submittal of Conceptual.....	104-3	.....	105-41
Submittal of Full Value Engineering Change	104-4	Region Water Pollution Control Manager	208-8
PROSECUTION AND PROGRESS	108-1	Regional Planning Environmental Manager	107-11
Protection and Restoration of Property and Landscape	107-7	Regular Finding	208-20
Protection of Existing Structures and Drilled Holes	503-7	REGULAR TRACK PROCEDURES ..	105-43
Protective Coatings	502-1	Regulated Asbestos Contaminated Soils.	250-9
Pruning.....	214-3	Regulated Asbestos Contaminated Soils Management.....	250-9
PTFE	<i>See</i> polytetrafluoroethylene	Regulatory Enforcement Actions.....	107-4
Public Convenience and Safety	107-6	Regulatory Mechanism/Water Quality	208-19
Public Information	630-5, 8	Reinforcing steel	202-3; 503-2, 8; 504-19; 602-1; <i>See</i> Table 503-4
Public information requirements.....	630-8	Reinforcing Steel and.....	709-1
Public Land Survey System.....	625-1; 629-1	Reinforcement Length	504-1
Public Land Surveyor	625-1; 629-1	Rejuvenating Agent.....	407-1; <i>See</i> Table 702-8
pure live seed	212-1	relocation.....	105-25, 26
Push Button Assembly	614-8	Remote Control.....	623-1
PVC.....	<i>See</i> Polyvinyl Chloride	Removability Modulus.....	206-1, 2
PWQ.....	<i>See</i> Permanent Water Quality	removal	105-27; 107-6; 202-1, 2, 4; 203-1
QA.....	<i>See</i> Quality Assurance	Removal of Asphalt Mat (Planing)	202-6
QA inspector	509-2, 4	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	202-1
QL	<i>See</i> Quality Levels	Removal of Unacceptable Work and Unauthorized Work.	105-27
Qualification of Testing Personnel and Laboratories	106-3	Reopening of Hearing.....	105-48
Quality Assurance	509-2	Representation.....	105-46
Quality Level .	105-12, 25; 106-3 thr 5; 401-10	Reset Monuments and Stakes	625-3
RACS ..	<i>See</i> Regulated Asbestos Contaminated Soils	RESET STRUCTURES.....	210-1
radiographic	509-7	Resident Engineer	101-3
Railing	Combination.....	Resident Engineer Review.....	105-31
Combination.....	514-1	residue	105-7; 107-11; 208-5
Pedestrian and Bikeway.....	514-1	Resistance	208-6, 7; 502-3 thr 6; 518-6
Pipe	514-1		

INDEX

Page	Page
Resistivity .....203-3; 624-3; <i>See</i> Table 624-4	Sand Equivalence 105-18; 601-6; 703-1;
RESISTIVITY AND PH OF IMPORTED	..... <i>See</i> Table 106-2, Table 106-3
MATERIAL ... <i>See</i> Table 203-2; Table 206-2	Sanitary Facilities..... 620-2
Responsibility for Damage Claims, Insurance	Sanitary Napkin Disposal .....622-2; 717-1
Types and Coverage Limits..... 107-8	Sanitary Sewer, Septic Tank, Leaching Field,
REST AREAS AND BUILDINGS 622-1	Sewage Lift Station and Sanitary Station622-8
Restoration/Surfaces Opened by Permit . 107-1	SAW <i>See</i> Submerged Arc Welding
retaining wall 504-1, 8	scarifying..... 405-1
Retroreflective..... 614-1, 2; 630-1; 713-1	Scope of Payment. 109-3
CDOT Retroreflective Sheeting Materials	scope of work..... 104-1
Guide 630-1	screed 401-4
RETROREFLECTIVE SHEETING TYPES	Sealant.....408-1; 412-10; 622-4; 702-8
..... 630-2; <i>See</i> Table 630-1	Secondary Control surveys 625-2
Right of Way 101-6; 107-10; 208-14	Sediment Trap 208-3, 16
Rights in and Use of Materials..... 104-2	Seed, Soil Conditioners, Fertilizers, and Sod
Riprap..... 506-1	..... 212-1
Abrasion Resistance 506-1	Seeding Seasons..... 212-3; <i>See</i> Table 212-2
Compressive Strength..... 507-1	SEEDING, FERTILIZER, SOIL
Gradation <i>See</i> Table 506-2	CONDITIONER, AND SODDING.....212-1
RIPRAP (GABIONS) AND SLOPE	Seeding, Mulching, Sodding, Soil Retention
MATTRESS 506-3	Blanket 208-16
RL <i>See</i> reinforcement length	service connections 105-25
RM <i>See</i> Removability Modulus	service interruptions..... 105-25
Road 101-6	Serving of Notice 105-48, 51
Roadbed 101-6	Severe Finding 208-20, 21
Roadside..... 101-6	Sewer.....208-12; 603-1
Roadside Development 101-6	Storm 624-1
Roadway 101-6	Shielded Metal Arc Welding 509-11
Roadway Prism 101-6	Shop drawings...101-7; 105-2, 3; 107-6; 622-1
Rock Check Dam 208-3	Shop drawings, Working Drawings, and Other
Roofing, Flashing and Roof Insulation... 622-3	Submittals 105-1; <i>See</i> Table 105-1
ROW <i>See</i> Right of way	Shoring..... 101-7; 202-4; 206-7
RPEM . <i>See</i> Regional Planning Environmental	Shotcrete 504-12, 13, 18; 601-3; 641-1;
..... Manager	.....<i>See</i> Table 504-6
RTD..... <i>See</i> Region Transportation Director	curing..... 641-2, 3
rumble strips.....614-21; 630-4, 10	Shotcrete Application Method Statement641-1
RWPCM... <i>See</i> Region Water Pollution Control	Shoulder ...101-6; 105-16, 19, 20; 630-7 thr 10
Manager	sidewalk .....101-7; 202-3
SA <i>See</i> Smoothness Acceptance	sidewalks.....202-2, 608-1
safety .....107-1 thr 6; 250-1; 401-3	Sidewalks and Bikeways..... 608-1
Safety Critical Work..... 101-6	Bituminous 608-2
Safety Stand-Down 107-4	Concrete..... 608-1
Safety, Health, and Sanitation Provisions107-1	sign..... 105-25; 202-2; 630-5; 713-1
Salvable Material .....101-6; 202-2	Sign Illumination and Illuminated Signs.614-2
salvaging and stockpiling topsoil..... 207-1	Sign Structure.....210-1; 614-1
Samples, Tests, Cited Specifications..... 106-2	Signal
Sampling & Testing of Hot Mix Asphalt 106-3;	Programmed Visibility Vehicle Signal Faces
..... <i>See</i> Table 106-1	..... 614-9
Sampling and Testing of Portland Cement	Traffic Signal Faces..... 614-9
Concrete Paving 106-7	Traffic Signal Poles 614-9
	signals .....202-2; 614-1

INDEX

	Page
Significant Changes in the Character of Work	104-1
Signs and Traffic Signals	202-2; 614-16
Silica Fume	601-8; 702-2
Silt Berm	208-2; <i>See</i> Table 208-3
Silt Dike Segment Requirements	208-4; <i>See</i> Table 208-7
Silt Dikes.....	208-4; <i>See</i> Table 208-7
Silt Fence	208-2; <i>See</i> Table 208-2
Silt Fence (Reinforced).....	208-2
Siphons.....	616-1
Drain Valves and Valve Boxes	616-1
Trash Guards.....	616-1
slip form	412-2, 3, 11; 601-2
slip joints.....	504-3, 6
SLOPE AND DITCH PAVING	507-1
Asphalt.....	507-2
Concrete	507-1, 2
Dry Rubble.....	507-1, 2
Grouted Riprap.....	507-1, 2
Grouted Rubble.....	507-1, 2
Slope Application.....	216-4; <i>See</i> Table 216-2
slope mattresses	506-3; 712-3
slopes.....	105-26; 203-4, 5; 207-1
Slot Stitching.....	412-16
Slot Formation	412-17
slurry	107-11; 503-2, 4, 7
Mineral.....	503-3
Polymer.....	503-4
Sampling and Testing	503-7
Water.....	503-4
SMA	<i>See</i> Stone Matrix Asphalt
SMAW	<i>See</i> Shielded Metal Arc Welding
Smoking	250-5
Smoothness Acceptance.....	105-20, 24
Smoothness Criteria	105-19
Smoothness Process Control.....	105-19
Snow Fence.....	210-1; 710-1
SO4	<i>See</i> Sulfate
Sodding	212-4
Soil Conditioners and Fertilizer	214-1
soil embankment	203-2
placing.....	203-6
Soil Reinforcement	504-1
Soil Reinforcement Length.....	504-1
Soil Reinforcement Material.....	504-1
Soil Retention Blanket	216-1;
.....	<i>See</i> Table 216-1 ; <i>See</i> Table 216-2
Soil retention covering.....	216-1
Solid Waste Disposal.	250-8
Source of Supply and Quality Requirements	106-1
SPC	<i>See</i> Smoothness Process Control
SPCC.....	<i>See</i> Spill Prevention, Control and Countermeasure Plan
Special Provisions.....	101-7
Specifications..	101-7, 8; 102-1; 105-25; 106-2
Specified Completion Date.....	101-7; 108-5
Spill prevention and containment measures	107-14
Spill Prevention, Control and Countermeasure Plan	107-7
Spill Response Plan.....	208-12, 18, 19
Spray-on mulch blanket	208-14, 25; 213-3
Spreading and Finishing	401-7
Spring thaw	212-3
Sprinkler Heads.....	623-2
SRPE	<i>See</i> Steel Reinforced Polyethylene stabilization
.....	208-1, 14, 15, 21
Staging areas	107-15; 208-9, 19
stainless-steel ...	512-1; 623-3; 705-5; 715-2, 7;
.....	717-1
stakes.....	105-26, 208-2, 4; 214-2
Staking	214-3
CDOT Survey Manual Chapter 6	625-3
Standard Special Provisions.....	101-7
Standard Specifications.....	101-7
Standing DRB	105-31 thr 33
State.....	101-7
State waters	101-7; 107-11 thr 14;
.....	208-1, 9, 10, 17, 18
static load test.....	502-5; 503-11
Stationing.....	412-4; 625-2, 10
Steel Reinforced Polyethylene.....	624-1; 712-6
Steel Sheet Piling	501-1
Type I.....	501-1
Type II.....	501-1
Steel Structures	509-1, 11, 13, 15
steel wheel.....	401-8; 405-1; 406-2
Stenographic Record.....	105-46, 51
Stockpile Management.....	208-19
stockpiled	107-14; 109-12; 250-7
Stockpiled Material.....	109-12
stone matrix asphalt	703-4, 8; <i>See</i> Table 703-5
Storm Drain Inlet Protection.....	208-6, 16;
.....	<i>See</i> Table 208-13, Table 208-14
I, II, III - Properties	208-7
Properties	208-7
Type I.....	208-7
Type II.....	208-7
Type III	208-7
Stormwater Administrator.....	107-12 thr 15;
.....	208-7 thr 13

INDEX

Page	Page
CDOT Erosion Control and Stormwater	
Quality Guide	208-10, 12
Control Measures.....	101-4; 208-13
Construction Permit	107-15
Management Plan.....	101-7; 107-14; 208-7
runoff.....	208-1
Plan sheets	208-11
Site map.....	208-9 thr 13
Street	101-8
structural	109-3, 12
Structural Concrete Coating.....	601-1, 23, 32;
.....	708-5
Classes of Finish.....	601-223
Structural Plate Structures.....	510-1
Structure Backfill .	206-1, 4; <i>See</i> Table 703-12,
.....	Table 703-13
Class 1	206-1, 5
Class 2	206-5
Class 3	206-1
Flow-Fill.....	206-1, 5
Structure Excavation and Structure Backfill	
.....	206-4
Structure Number.....	508-2
Structures ...	101-8; 202-1, 3; 206-1, 5; 208-17;
.....	210-1; 501-1; 503-7; 508-1; 509-1
studs	504-11; 509-2, 12 thr 15; 601-11
Subcontractor	101-8; 108-6; 109-10
subgrade ..	101-8; 105-26; 203-4; 306-1; 307-1
Submerged Arc Welding	509-11
Submittal of Conceptual Proposal	104-3
Submittal of Full Value Engineering Change	
Proposal.....	104-4
Substructure	101-8
Subsurface Drains	605-1
Sulfate	203-2, 3; <i>See</i> Table 203-1; Table 206-1
Water soluble.....	203-3; 206-3,601-5
SULFATE, CHLORIDE AND pH OF	
IMPORTED MATERIAL ..	<i>See</i> Table 206-1
SULFATE, CHLORIDE AND pH OF	
IMPORTED MATERIAL ..	<i>See</i> Table 203-1
Superintendent	101-8
Superpave Performance Graded Binders	105-10; 702-1; <i>See</i> Table 702-1
Superstructure	101-8
Supplemental Specifications.....	101-7, 8
Surety	101-3, 8; 107-1; 108-9, 10, 11; 109-6
Surface Conditioning	401-5
Surface roughening	208-14, 18
Surface Smoothness ...	105-20; 401-10; 412-10
All Bridge Deck Surfaces.....	601-25
surface texture.....	105-19, 24; 202-9
Survey	625-1
boundary.....	625-1; 629-1
CDOT Survey Manual.....	625-1
land monuments	625-1
Mineral Survey (MS) monuments	625-1
MONUMENTATION	629-1
Public Land Survey System.....	625-1
Survey Monumentation	
Installing Monuments.....	629-3
Locating Monuments.....	629-2
Monument Box.....	629-4
Preserving and Referencing Monuments.	629-2
Surveying	
CONSTRUCTION SURVEYING	625-1
Contractor.....	105-26
Contractor surveying	625-2
Department	105-26
equipment.....	625-1; 629-1
Suspension for Nonpayment.....	105-50
Suspensions of Work Ordered by the Engineer	
.....	104-1
<i>SV</i>	<i>See</i> Smoothness Verification Testing
SWMP	<i>See</i> Stormwater Management Plan
Tack Coat	401-5, 407-1
Tailgate meetings	107-1
tapers	105-20
TCP	<i>See</i> Traffic Control Plan
Technical Representative of Wall Product	
Supplier	504-6
TECS.....	<i>See</i> Transportation Erosion Control
Supervisory Certificate Training	
Temporary Berms.....	208-2, 15
Temporary channelizing devices.....	630-3
Stackable Tubular Markers	630-4
Stackable Vertical Panels	630-3
Temporary Portable Rumble Strips	630-4
Temporary Masking Signs	630-9
Temporary Pavement Marking ..	202-2; 627-1;
.....	<i>See</i> Table 202-1
Temporary Slope Drains	208-2, 16
Test Methods for Examining of Composting	
and Compost	212-1
texturing	105-19; 202-8; 412-4; 601-25;
.....	708-5, 6
The Ultimate tensile strength.....	504-1 thr 4
Thermoplastic Pavement Marking	627-3 thr 6;
.....	713-2, 3,6, 7
Third Party Beneficiary.....	107-10
Thousand Feet Board Measure	508-3
Timber.....	109-3
TIMBER STRUCTURES.....	109-3; 508-2
Time of Award.....	105-48, 51

INDEX

	Page		Page
TL.....	See Tolerance Limit	U.S. Coast and Geodetic	629-3
TMECC.....	See Test Methods for Examining of Composting and Compost	U.S. Geological Survey.....	629-3
TMP	See Transportation Management Plan	U-Channel	630-1
TO requirements	See Transportation Operations Plan	Ultrasonic Testing	502-4
Tolerances for Hot Mix Asphalt.....	See Table 401-1	Extent and Acceptance Criteria of Ultrasonic Testing	509-5
Tolerance Limit.....	105-6, 11 thr 13, 16, 18; 106-5 thr 9; 412-12, 13; 712-4	ultrasonically tested	502-7; 509-5
Toolbox	107-1	Unacceptable work.....	105-27
Topsoil.....	106-2; 207-1	Unauthorized work.....	105-27
Wetland topsoil material	203-8; 207-1	underdrains.....	101-8; 504-10, 18; 605-1; 707-1, 2; 712-5
Toxicity Characteristic Leaching Procedure	206-2; 250-6; 701-1	US Army Corps of Engineers	208-14
traffic circle.....	105-20	USACE	See US Army Corps of Engineers
traffic cones.....	630-3	USCG.....	See U.S. Coast and Geodetic
traffic control devices	107-7, 9; 202-1; 614-1, 16; 630-1, 5 thr 9	Use of Explosives	107-5
Traffic Control Management.....	630-1, 8, 12	USGS	See U.S. Geological Survey
Traffic Control Plan	101-8; 104-2; 630-5, 9 thr 11	UT	See Ultrasonically Tested
traffic signal ..	105-28; 202-2; 210-2; 614-2, 17	utility	105-25
traffic signal controller.....	202-2; 614-2 thr 4; See Table 614-1	Utility Company.....	107-15
Traffic Signal Electrical Conductors and Control Cable.....	614-10, 17	utility facilities	105-25
Traffic Signal Faces	614-9	utility owners	105-23
Traffic Signal Poles.....	614-9	VAC.....	See Volts Alternating Current
Traffic Signal Systems	614-17	Vacancies.....	105-45
Bonding and Grounding.....	614-18	Value Engineering Change Proposal.....	101-8
Traffic Signal Vehicle Detector Amplifier	614-11	Basis of Payment	104-6
transplanted.....	215-1, 2	by the Contractor	104-3
TRANSPLANTING ...	215-1; See Table 215-3	Contractor Appeal Process.....	104-6
Transportation Erosion Control Supervisory Certificate Training	208-8	Evaluation	104-4
Transportation Management Plan	630-5	VECP (Category A).....	104-3
Transportation Operations Plan	630-5, 7	VECP (Category B).....	104-3
Trash Receptacles	622-4; 712-2	valve boxes.....	105-23; 210-2; 616-1
Traveled Way	101-8	vaults	604-1
treatment, storage and disposal	250-2, 8	VECP	See Value Engineering Change Proposal
TRM.....	See Turf reinforcement mat	Vehicle detector amplifier	614-11
TSD	See treatment, storage and disposal	Vehicle Tracking Pad	208-5
Tubular markers	630-2 thr 4; 713-3, 4; See Table 630-4	Minimum dimensions of the modular system	208-5; See Table 208-9, Table 208-10
TULT.....	See the Ultimate tensile strength	Vertical Slip Joints	504-3
Turf reinforcement mat	208-2; 216-3	Vertical tracking.....	208-18
Performance Requirements.....	See Table 216-4	vibrations per minute	412-2
Physical Requirements.....	See Table 216-3	vibratory rollers.....	203-6, 7; 401-9, 10
turn slots.....	105-20	Violation of Working Time Limitation ...	105-9
		VOC	See Volatile Organic Compound
		Voids	106-5; 412-9
		Volatile Organic Compound.....	412-8; 601-21, 26; 708-1
		Volts Alternating Current	613-1; 614-8
		VPM.....	See Vibrations per minute
		VTP	See vehicle tracking pad
		V-type heating.....	509-9
		“W” Beam Rail	710-1

INDEX

	Page		Page
Waiver of Rules.....	105-48	waterproofing membrane	401-7; 515-1
Walls.....	504-1	Waterstops	518-1, <i>See</i> Expansion Devices
Design Heights	504-3	Waterstops and Expansion Joints.....	518-1
Elevations	504-1	Watertight Joint Systems..	603-2; 624-3; 705-1
Layouts	504-1	web	502-1, 6; 509-1, 4, 8 thr 10
Leveling Pad.....	504-8	Welded Stud Shear Connectors.....	509-2
Panel and Reinforcement Locations.....	504-1	welded wire fabric.....	208-2; 504-11, 602-1;
Placement Schedule.....	504-3	.....	618-1; 709-1
Soil Reinforcement.....	504-1	Western Alliance for Quality Transportation	
Tiered.....	504-3	Construction.....	203-5
WAQTC	<i>See</i> Western Alliance for Quality Transportation Construction		
Wastewater	107-18; 208-5; 250-8; 412-3, 4	Wetland areas	107-13
Water Control Devices	615-1	Wetland Perennial Plants	214-2
Water lines.....	105-25; 619-1; 622-6; 717-3	Wetland plugs.....	215-2
Water Quality	107-11	Wetland Topsoil	203-8; 207-1
Items to Be Completed Before Requesting		Wheel Path.....	101-8
Partial Acceptance.....	208-22	wheel paths.....	105-21; 401-7
List and Evaluation of Potential Pollutants	208-12	wire lines	105-25
Permanent.....	208-22	Wood cellulose fiber mulch	213-1;
Permanent Water Quality Plan Sheets...	208-13	.....	<i>See</i> Table 213-1
Water Quality Control.....	107-11; 208-9, 19	Wood chip mulch	213-3
Construction Requirements	107-11	Wood Noise Barrier	607-1; 710-1
Water Slurry	503-4	Work.....	101-8; 104-1; 105-1; 108-8
WATERING AND DUST PALLIATIVES.....		Work zone	630-2, 5
.....	209-1	Working Day	101-8
Waterproofing	517-1; 705-1, 5;	Working Drawings	101-9
.....	<i>See</i> Table 705-7		
		Workplace Violence	101-9, 108-6
		Woven wire	710-1
		Wrapping material.....	214-3

