

INDEX

<u>Item</u>	<u>Reference</u>	<u>Item</u>	<u>Reference</u>
A			
A + B bidding	1103.02	coated fence	4154
Abbreviations, definitions of	1101.02	coated wire	4154.04
Abrasion. See specific material.		conduit	4185.10
Abutting joints--steel structure	2408.03, F	extrusions	4186.02, D
Accelerated work schedule	1108.02, K	fasteners	4190.02
Acceptance and final payment	1109.09	nuts	4190.02, B
Adjustment		support structures	4187
in contract	1109.16	poles	4185.02, F
deficient work	1109.03, C	railing	2414
work or materials not in reasonably		sheet	4186.02, A
close conformity	1105.04	washers	4190.02, C
of fixture		welding	2423.03, B
HMA	2303.03, C, 7, c	Anchor bolts	
PCC	2301.03, D	foundations and	
of pin nuts	2408.03, U	substructures	2405.03, H
of proportions--PCC		highway lighting	2523.03, G
pavement	2301.02, A	steel structures	2408.03, V
Admixtures		Anchor lug removal	
air entraining	4103.01, B	measurement	2529.04, E
calcium chloride		payment	2529.05, E
pavement repair	2529.02, B, 5	Anchors--plant materials	2610.03, F
equipment for	2001.20, D	Annulment of approval	1103.07
for PCC pavement	2301.02, B, 5	Antistrip additive	4138.01, C
extended		Apparent	
delivery	2301.02, C, 4a, 5	error or omission in figures	
for structural concrete	2403.02, B	and drawings	1105.04, C
decks	2412.02	omission in plans	1105.04, C
surfacing, overlay, and repair	2413.02	Approval for Award and	
Aerial equipment	2601.03, A, 12	Award of Contract	1103.02
Aerial power cable	4185.12, B	Approximate start date	1108.02, C, 2
Affidavit, collusion	1102.09, E, 4	Appurtenances, water main	2554.03, B
Affirmative Action	1102.19	measurement	2554.04
Aggregate		payment	2554.05
cover	4125	Aprons--corrugated culvert	
feeders, dryer, or drum	2001.22, A	measurement	2417.04
for slurry seal	4124	payment	2417.05
furnished by county	1106.05, C	Aprons--rigid culvert	
spreaders	2001.13	measurement	2416.04
Aggregate for Type A HMA	4127	payment	2416.05
Aggregate for Type B HMA	4127	Arbitration	1109.12
Aggregate Gradations	Appendix	Arch	
Agitator	2001.21, C	anchorage, structural plate	2402.03, F
Agreed-price basis	1109.03, B, 1	pipe--concrete	4145
Air-Entraining Admixtures	4103.01, B	Archaeological salvage	2102.03, J
Air entrainment		clearance	2102.03, F, 3
pavement	2301.02, B, 4	Arches, pipe	2420
prestressed concrete	2407.03, B, 2	Area clearing and grubbing	2101
structural concrete	2403.02, B, 3	Arrow displays	2528.03, F
surface, overlay, and repair ..	2413.02, D	Asbestos removal	2536
Aluminum		Asphalt	
bolts	4190.02	binder control unit	2001.22, F
		cut-back and liquid	4138
		emulsified	4140
		stabilizing agent	2318.02, A

INDEX

<u>Item</u>	<u>Reference</u>
Asphalt Binder	4137
Assembling steel	2408.03, Q
shop	2408.03, C
Assembly--disc bearing	2434
Authority and duties	
of inspector	1105.07
of Engineer	1105.01
Award of contract	1103

B

Backfill	
granular	4133
porous	4131
selected or special	2102.04
special	4132
Ballast	
roadway luminaires	4185.03
tower lighting	2522.03, F
Balled-and-burlapped trees	
and shrubs	4170.02, B, 3
planting	2610.03, E
Bars, reinforcement	4151
Barbed wire	4154.04
stretching	2519.03, A, 6
Bare copper ground wire	4185.12, F
Barricades and	
warning signs	1107.09
channelizing devices	2528.03, C
lighting devices	2528.03, F
Barricades (See Safety Closures)	
Barrier, concrete	2513
markers	4186.12
rail, temporary	2528.03, E
Bars and plates	2408.02, E
Base	
breakaway, lighting	2523.03, H
macadam stone	2210
PCC	2201
HMA	2203
repair	2212
widening	2213
Basic Asphalt Binder Content	2303.02, D
Basic asphalt content. see Mixture	
Basis of payment. See specific item.	
Batch mixer--HMA	2001.22, K, 1
Batching equipment--PCC	2001.20
Beam guardrail	2505
end anchors	2505.03, A, 4
posts	2505.03, A, 3
Beams and stringers, wood	4162.03
Bearing	
area, preparation of	2408.03, M
formulas, pile	2501.03, M, 2

<u>Item</u>	<u>Reference</u>
required--piles	2501.03, N
surfaces, facing	2408.03, E
value of piles	2501.03, M
wave equation analysis	2501.03, M, 1
Bearing assembly--disc	2434
Bearing Pads	4195
Bearings	
bronze	2408.03, E, 7
material	4190.03
lead	2408.03, M, 3
material	4195.01
rocker	2408.03, W
Bedding pipe	2416.03, D, 2, a
structural plate	2420.03, B
Bending reinforcement	2404.03, B
Bent plates	2408.02, F
Bents, pile and framed	2409.03
Bid bond form	1102.11
Bidders	
competency and qualification	1102.11
disqualification	1102.03
increase in requirements	1102.03
instructions to	1101.03
joint	1102.09, D
notice to	1101.03
reduction in qualification	
restrictions	1102.02
suspension	1102.03
Bidding, A + B	1103.02
Bids, consideration of	1103.01
Bin type crib walls	2535
Bins, hot aggregate	2001.22, D
Bituminous	
distributors	2001.12
material	
heating	2001.11
measurement	4100.03
Bituminous Fog Seal (Pavement)	2306
Bituminous Fog Seal (Shoulders)	2308
Bituminous Seal Coat	2307
Blading and shaping	
shoulder material	2213.03, C
Blast Cleaning	2508
Blocks, spacer, guardrail	4155.06
Board of arbitration	1109.12
Boards, common	4162.06
Bolt holes	2408.02, L
Bolts	
aluminum	4190.02, A
anchor	
foundations and	
substructures	2405.03, H
galvanized	4100.07
high-strength	4153.06, B

INDEX

<u>Item</u>	<u>Reference</u>
installing	2408.03, S, 5
lighting pole	4185.02, B
panel, signing	4186.09
post clip	4186.09, B, 4
prestressed concrete	2407.02, G
ribbed	2408.02, C
steel structures	2408.02, C
materials	4153.06
structural plate pipe	2420.03
materials	4144.04
timber structures	4153.07
Bond, contract, requirements of	1103.05
Bonded, PCC Overlay	2310
Bonding construction joints	2403.03, H
Bonding new and old work	2403.03, I
Border, sign	4186.06, C
Boring pin holes	2408.02, M
Borrow	
alternate	2102.03, F, 1, b, 3
contractor's plan	2102.03, F, 2
designated	2102.03, F, 1, b, 4
excavation	2102
finishing	2102.03, K
mandatory	2102.03, F, 1, b, 1
optional	2102.03, F, 1, b, 2
restoration	2102.03, F, 4
roadway and excavation	2102
Boulders, removal	2102.03, C
measurement	2102.04, A, 1, f
payment	2102.05
Box culverts	2415
Brace post assembly	2519.03, A, 2
Brace wire	4154.05
Braces, field fence	4154.08
Bracing--timber structure	2409.03, I
Breakaway base, lighting	2523.03, H
Breaking up old pavement	2510.03, B
Bridge	
approach sections	2301.03, R
measurement	2301.04, D
payment	2301.05, D
decks, placing, new	2412.03
hauling	1105.12, B
painting	2408.02, Q
recreational trail	2429
Bridge cleaning	2427
paint removal	2508
Bronze bearing metal	4190.03
Brooms	2001.14
Burlap for curing concrete	4104

C

Cabinets, control	4185.07
-------------------------	---------

<u>Item</u>	<u>Reference</u>
Cable	
and wire	4185.12
guardrail	2505
materials	4155.03
guardrail end anchors	2505.03, A
guardrail posts	4155
high tension	2505
Calcium chloride, applied	2314
material	4194.01
surface application	2314
Calcium Chloride and Sodium Chloride ..	4194
Calibrated wrenches	2408.03, S, 5, C, 3
Calibration. See specific equipment	
Camber, prestressed concrete ..	2407.03, H, 4
Camber, steel structures	2408.02, K
Cancelled work	1109.04
Caps	
pile driving	2501.03, A, 7
post, for fence	4154.10, C
timber structures	2409.03, H
Cast-in-place prestressed concrete	2407
Castings	
galvanized	4100.07, A
iron	4153.04
steel	4153.03
manhole and intake	4149.04, I
Caulking Compound	4192
Cement	
Portland	4101
proportioning equipment	2001.20, B
Center lines	2527.03, D
Certificate of insurance	1103.04
Certification. See specific item.	
Certified plant inspection	2521
Certified statement of sales tax and	
use tax paid	1109.07
Chain link fence	2519.03, B
materials	4154
measurement	2519.04
payment	2519.05
Chairs, reinforcing	2404.03, E
Changeable message signs,	
portable	2528.03, B
Change of work, significant	1109.16, C
Changes and substitutions--steel	
structural	2408.03, A
Channel crossing fence	2519.03, A
Channel Excavation	2104
Channelizing devices	2528.03, C
Character of workers	1108.05
Charging of working days	1108.02, E
Charpy test	4152.02, B
Check dams, PCC pavement ..	2301.03, K, 4, d

INDEX

<u>Item</u>	<u>Reference</u>
Check dams, pavement widening	2302.03, e, 3, b
Check slots	2601.03, M, 1, a
Chert, unsound	4115.02
Choke stone base course	2210.03, D
Chutes	2403.03, B, 1, b
Circuits	2523.03, L
Claims	
against Contractor	1109.13
damage	1107.12
disputed	1109.11
Class A deck repair	2413.03, C, 2
Class B deck repair	2413.03, C, 3
Class L Fine Aggregate for PCC	4111
Class V Aggregate for PCC	4117
Clay sewer pipe	4149.02, A, 8
Cold In-Place Recycled Asphalt Pavement	2318
materials	2318.02
Cleaning and preparation	
of base	2212.03, B, 1
measurement	2212.04, A
payment	2212.05, A
Cleaning, Surface Preparation, and Painting of Galvanized Surfaces	2509
Clearing and Grubbing	2101
Closure day	1111.02, B
CMP subdrain outlets	2502.02, D
Course Aggregate for PCC	4115
Cofferdam construction	
foundations and substructures	2405.03, A
Cofferdam removal	2402.03, E
Cohesive soils	2102.02, D, 1, a
Cold finished steel	4153.02
Cleaning and Filling Cracks for HMA Surfaces	2541
Cold weather protection	
of pavement	2301.03, K, 3
Color	
code--steel, structural	2408.02, B
of retroreflective sheeting	4186.03
of traffic paint	4183
Combinations of aggregates	4100.05
Common boards and sheathing	4162.06
Common class timber and lumber	4162.01, B
Compacting	
backfill adjacent to culverts and structures	2107.03, O
measurement	2107.04, B, 4
payment	2107.05, A, 4
trench bottom	2107.03, M

<u>Item</u>	<u>Reference</u>
measurement	2107.04, B, 3
payment	2107.05, A, 3
Compaction	
Class IA	2303.03, C, 5, b, 1
Class IB	2303.03, C, 5, b, 2
Class IC	2303.03, C, 5, b, 3
Class II	2303.03, C, 5, c
special compaction of	
subgrade	2109.03, C
Type A	2107.03, E
Type B	2107.03, F
with moisture control	2107.03, F
with moisture and density control	2107.03, H
Competency and qualification	
of bidders	1102.01
Completion of contracts in default	1108.11
Concrete	
asphalt binder, pavement	2303.02, A
bearing piles	2501.03, D
bridge decks, new	2412
compression test specimen	4100.08
cracking and seating	2216
drilled shaft	2433.02, B
finishing structural	2403.03, P
footings--sign	2524.03, B, 1
headers	2301.03, J
lightweight, structural	2403.02, C
manhole units, precast	4149.04, A
mixed at the site,	
structural	2403.02, D, 2
mixing equipment	2001.21
bridge deck surfacing, repair and overlay	2413.02
Portland cement, pavement	2303.02, B 2301.02, B
Piles	2501.03, D
materials	4166
pipe	
culvert	4145
sanitary sewer	4149.02
storm sewer	4149.03
placing	
Portland cement, pavement	2301.03, C
structural	2403.03, C
rubblizing	2217
sealer, bridge seats	2403.03, P, 3
material	4139.01
sidewalk	2511.02, A
structural	2403
subjecting to exterior loads	2403.03, N
vibration of	2403.03, D
Concrete Drilled Shaft	2433

INDEX

<u>Item</u>	<u>Reference</u>
Concrete and Stone Revetment.....	2507
Concrete beams, high performance concrete (HPC)	
aggregate	2407.02, A, 1
construction	2407.03, B, 4
Concrete, barrier.....	2513
Concrete Box, Arch, and Circular	
Culverts	2415
Concrete bridge decks	
measurement	2412.04
payment	2412.05
placing concrete	2412.03, C
Concrete Culvert Pipe.....	4145
Concrete Decks, new bridge.....	2412
Concrete Median	2301.03, Q
measurement	2301.04, C
payment	2301.05, C
Concrete pavement undersealing by pressure grouting.....	2539
Concrete Structures.....	2406
Conduit.....	2523.03, N
and fittings.....	4185.10
Cones, traffic	2528.03, C, 1, b
Conference, preconstruction.....	1108.02, L
Conformity with and coordination of specifications, plans, special provisions developmental specifications, and supplemental specifications	1105.04
Connector assemblies	4185.11
Connectors	
lighting.....	2523.03, R
pipe	
culvert, concrete	4145.06, J
sanitary sewer	4149.02
storm sewer	4149.03
water main.....	4150.02
timber	2408.02, G
Consideration of bids.....	1103.01
Consistency--PCC pavement....	2301.02, B, 3
Consistency--structural	
concrete	2403.02, B, 2
Construction. See work type.	
Construction materials	Div. 41
Construction stakes	1105.06
Construction survey	2526
Contactors	4185.05
Container grown plant	
material	4170.02, B, 4
Containment	
non-hazardous paint	
removal	2508.01, A, 4
hazardous paint removal...	2508.01, B, 4
Contents of proposal forms.....	1102.04
Continuous mixer--HMA	2001.22, K, 2

<u>Item</u>	<u>Reference</u>
Continuous mixer--PCC.....	2001.21, D
Contract	
award of.....	1103.02
bond	1103.05
execution of	1103.06
failure to execute	1103.07
in default.....	1108.10
period	1103.03
extension of	1108.07
failure to complete within...	1108.09
price, adjustment	1109.03
deficient work.....	1109.03, C
work or material not in reasonably close conformity.....	1105.04
standardized contract clause	1109.06
subletting of	1108.01
supplemental	1109.06, B
Contraction joints	
PCC pavement	2301.03, N
pavement widening.....	2303.03, E, 2
sealing	2301.03, P
Contractor	
bid bond.....	1102.11
claims against.....	1109.13
financial statement.....	1102.01
nonsegregated facilities	
prime contractor.....	1102.19, C, 5
subcontractor.....	1102.06
responsibility for utility property and services	1107.15
responsibility for work	1107.14
supervision by.....	1105.05
termination of responsibility.....	1108.12
Contracts in default.....	1108.10
completion of	1108.11
Control	
cabinets.....	4185.07
cable.....	4185.12, D
station.....	2523.03, T
Control of Materials.....	1106
Control of Work.....	1105
Cooperation and coordination.....	1102.09, F
utilities	2523.03, C
Coordination of Contract	
Documents	1105.04
Corner posts.....	2519.03, A, 2, a, 2
Corporations, foreign	1102.15
Corrugated Culverts.....	2417
Corrugated Steel Culvert Pipe	4141
County, aggregate furnished by	1106.05
Cover Aggregate and Aggregate for Slurry Mixtures.....	4124
Cover aggregate, bituminous	

INDEX

<u>Item</u>	<u>Reference</u>
seal coat.....	2307.02, A
measurement	2307.04, A
payment	2307.05, A
spreaders	2307.03, A, 1
spreading	2307.03, B, 3
C.P.M.....	1110
Crack Cleaning and Sealing (HMA Surfaces).....	2541
Crack and Joint Cleaning and Sealing (PCC Pavement)	2542
Cracking and Seating Concrete Pavement.....	2216
Crash Cushions.....	2551
Creosote	4160.01, A
Crib walls, bin type	2535
Critical closure activity	1111.02, A
Critical path method.....	1110
Crossing ducts.....	2523.03, N, 2, b
Crossings, railroad	1104.10
Crownvetch seeding	2601.03, B, 4, f, 6
Crushed Stone Base Materials	4122
Crushed stone surfacing materials	4120
Cultipacker	2601.03, A, 6, a
Culvert pipe	
concrete	4145
corrugated steel.....	4141
plastic	4146
Culverts	
concrete box, arch, and circular.....	2415
corrugated	2417
plastic pipe	2417
rigid pipe.....	2416
unclassified.....	2422
Curb and Flume Removal.....	2514
Curb	
Integral	2301.03, I
Curb and gutter	2512
concrete	2512.02
concrete decks, new bridge ..	2412.03, F
Curing. See specific type of work.	
material	
burlap	4104
liquid	4105
plastic film.....	4106
Curing and Protection	
pavement	2301.03, K
structural concrete	2403.03, E
Cutback and liquid asphalts	4138
Cutout letters	4186.06, A, 6
Cutting, thermal	2408.02, H

D

DBE.....	1102.17
----------	---------

<u>Item</u>	<u>Reference</u>
administrative	
reconsideration	1102.17, E, 5
goals.....	1102.17, E, 2
good faith effort.....	1102.17, E
hauling materials	1102.17, D, 2, g
participation	1102.17, D
Damage claims.....	1107.12
Damages, liquidated.....	1108.08
Dams, retention	1107.07, C
Deaeration chamber	2001.22, F, 2, b
Debris picked up.....	2601.03, I, 3
Decks	
concrete bridge.....	2412
placing	2412.03, C
plank.....	2410
surface, overlay, and repair	2413
timber structures	
Default	
contracts in	1108.10
completion of contracts in	1108.11
Defective work, removal of	1105.09
Deficient work	
payment for	1109.03, C
not in reasonably close	
conformity.....	1105.04
reasonably acceptable	1105.04
Definitions	
abbreviations	1101.02
terms	1101.03
Deflected strands.....	2407.03, G
Degreasing, Signing materials ..	4186.06, A, 2
Delineators	2524.03
fasteners for	4186.09, C, 1
for guardrails	2505.03, A, 6
posts for	4186.10, C
reflectors for	4186.11, A
temporary	2527.02, D, 4
Delivery of Samples.....	2534
Density. See specific type of work.	
Design loads--falsework	2403.03, L, 4
Determination of	
bearing value of piles.....	2501.03, M
length of piles	2501.03, B
Detours.....	1107.08
maintenance of.....	1105.04
Diamond Grinding, pavement	2532
Diesel hammers	2501.03, A, 3
Differing site conditions.....	1109.16, A
Disadvantaged Business Enterprise ..	1102.17
Disc Bearing Assembly.....	2534
Disclosure of subcontractor	1103.08
Disk. See specific type of construction.	
grading	2107.03, D, 3
erosion control	2601.03, A, 1

INDEX

<u>Item</u>	<u>Reference</u>
Dispenser for admixtures	2001.20, D
Displacing water with concrete	2403.03, J
Disputed claims for extra compensation	1109.11
Disqualification of bidder	1102.03, A, 3
Distributors, bituminous	2001.12
Distributors, water	2001.09
Ditches	
intercepting--erosion control ..	2601.03, G
intercepting--excavation	2102.03, H
reshaping	2125
Domestic origin, materials	1107.06, B
Dotted lines	2527.03, D, 6
Double plank decks	2410.03, C
Douglas Fir	4162, 4163
Dowel bars	4151.02, B
Drain Tiles	4148
Drainage	
provisions for	2102.03, H
temporary	2102.03, K
Drains, wick	2112
Drawings	
falsework	2403.03, L, 7
lighting	2523.03, B
signing	2524.03, A, 1, b, 2, c
steel structures	2408.03, A
Drifting, bolt holes	2408.03, D
Drilled holes	2408.02, M
Driveway surfacing	2315
Driveways, removal and construction of paved	2515
Driving	
caps	2501.03, A, 7
nuts	2408.02, O
piles. See Piles.	
Drum mixer	2001.22, K, 3
Drums, traffic control	4188.02
Ductile iron sewer pipe	4149.01, A, 7
Ducts, electrical	2523.03, N
Durability. See specific material.	
Dust collector	2001.22, I
Dust, spread of	1107.07, E
Duties of inspector	1105.07

E

EEO/AA	1102.19
Early completion, incentive/disincentive. 1111	
Earth shoulders for pavements	
and bases	2123
construction	2123.03, B
measurement	2123.04, A, 2
payment	2123.05, A, 2
finishing	2123.03, C

<u>Item</u>	<u>Reference</u>
measurement	2123.04, A, 1
payment	2123.05, A, 1
Edge	
lines	2527.03, D, 1
planing steel structures	2408.02, G
trim molding	4186.02, E
Edge Rut Slurry Treatment	2319
Elastomeric joint seal	4136.03, D
Elbows--corrugated culvert	2417.04, C
Elbows--rigid culvert	2416.04, C
Electrical	
ducts	2523.03, N
grounds--	
fence	2519.03, A, 9
.....	2519.03, B, 5
grounding, lighting	2523.03, M, 2
Electrode. See Welding	
Elliptical pipe	4145.04, D
Elongation of pipe	4141.01, C
structural plate	4144.03, B
Embankment-in-place	
measurement	2102.04, A, 1, d
payment	2102.05, A, 1
Embankment adjacent to culverts and structures	2107.03, O
Embankments, construction of	2107
rebuilding	2107.03, L
Emergency provisions, national	1109.15
Emulsified Asphalt	4140
End	
anchor	
guardrail	2505.03, A, 4
.....	2505.03, B, 4
prestressed concrete structures	2407.03, A, 1, b
connection angles, structures	2408.03, G
posts--fence	4154.07, B
End of run	2301.03, J
Endgate cyclone seeder	2601.03, A, 9
Energy output. See Hammers	
Engineer	1101.03
authority of	1105.01
Chief	1101.03
County	1101.03
Engineering Fabric	4196
Entrained air. See specific mixture.	
Entrance culverts	2422
Environmental Clearance	2102.03, F, 3
Epoxy	
coated dowels and tie bars	4151.02
coated reinforcement, structures	2404.03, B
material	4151.03

INDEX

<u>Item</u>	<u>Reference</u>
paint pavement markings.....	4183.04
Equal Employment Opportunity	1102.19
Equipment. See specific type of work.	
Erosion control	2601
mobilization	2601.03, S
Erosion Control Materials	4169
Erosion Stone.....	4130
Error, apparent	1105.04, C
Establishment period--plant materials.....	2610.03, I
Estimate of quantities	1102.07
Evaporation chart, bridge deck	2412.03, C, 4
Examination of plans, proposal form, specifications, supplemental specifications, developmental specifications, and site of work	1102.08
Excavation	
base widening	2213.01
bin type crib walls	2535
channel.....	2103
classification	
roadway and borrow	2102.03, B
structures.....	2402.03, J
finishing	2102.03, K
lighting.....	2523.03, D
pavement--PCC.....	2301.03, B
measurement	2301.04, E
payment	2301.05, E
pavement widening.....	2302.03, D
measurement	2302.04, A
payment	2302.05, A
pipe culverts	
concrete	
measurement.....	2416.04, E
payment.....	2416.05, E
metal	
measurement.....	447
payment.....	448
plastic	
measurement.....	2417.04, D
payment.....	2417.05, D
unclassified	
measurement.....	2422.04, B
payment.....	2422.05
roadway and borrow	2102
classification	2102.03, B
measurement	2102.04, A, 1
payment	2102.05, A, 1
topsoil.....	2105.03, B
measurement	2105.04
payment	2105.05
sectional plate structures	
measurement	2420.04

<u>Item</u>	<u>Reference</u>
payment.....	2420.05
sign support structures	
measurement.....	2423.04, B, 1
payment.....	2423.05, B, 1
structures.....	2402
classification	2402.03, J
Excelsior mat.....	2601.03, M
Execution of contract	1103.06
Expanded mesh roller.....	1601.03, A, 6, d
Expansion joint	
PCC pavement	2301.03, O
sealer	4136.03
structural concrete	2403.03, O, 2
Expansion tubes.....	4191.01, B
Expiration date--qualification.....	1102.01, B
Exploratory work.....	1104.01, C
Explosives, use of.....	1107.10
Extension of contract period	1108.07
Extensions and splices, piling	2501.03, P
Extra	
compensation	1109.11
depth excavation, structures	2402.05, B
piles, payment for	2501.04, F
work.....	1109.03, B
by subcontractor	1109.03, B, 3
payment.....	1109.03

F

Fabric reinforcement.....	2303.03., C, 2, c
measurement	2303.04, F
payment	2303.05, F
Fabrication of reinforcement	2404.03, B
Fabrication of structural steel.....	2408.02, B
Facing bearing surfaces	2408.03, E
Failure to complete work within contract period.....	1108.09
Failure to execute contract	1103.07
False forms.....	2301.03, A, 3, b
Falsework	
and forms	2406.03, A
design and construction.....	2403.03, L
plans.....	2403.03, L, 7
removal of.....	2403.03, M
Fast dry traffic paint	4183.02
.....	4183.03
Fasteners. See also Bolts	
accessories--sign.....	4186.09
Federal participation	1107.06
Fence Construction	2519
Fence Materials	4154
Fertilizer--erosion control	
material	4169.03
seeding.....	2601.03, B, 4, b

INDEX

<u>Item</u>	<u>Reference</u>	<u>Item</u>	<u>Reference</u>
sod	2601.03, F, 3, b	Flood plain fence	2519.03, A, 11
special ditch control	2601.03, K	Floodlighting, temporary	2528.03, H
stabilizing crop seeding	2601.03, C, 2	Flowable Mortar	2506
Fertilizer--installing plant		Flume, removal	2514.03, B
materials	2610.03, E, 2	Fly Ash	4108.01
Field		PCC pavement	2301.02, B, 6
measurement--liquid		structural concrete	2403.02, B, 5
bitumen	4100.03, A	Fog Seal, Bituminous	
painting--steel structures.....	2408.03, X	pavement.....	2306
tiller.....	2601.03, A, 3	shoulders.....	2308
Field Laboratory and Field Office	2520	Followers	2501.03, A, 8
Filing of proposal	1102.12	Footings	
Fill		culverts	2415.03, A
in streams and water bodies	1105.14	excavation for structures.....	2402
rock	2107.03, J	foundations and	
Filler. See specific mixture.		substructures.....	2405.03, C
Filler bitumen ratio	2303.03, D, 3, c	lighting	2523.03, G
Fillets		signing	2524.03, B, 1, e
Intersecting roads. See specific type		tower lighting	2522.03, B
of work.		Force account basis.....	1109.03, B, 2
paved shoulder	2121.03, D	Foreign corporations.....	1102.15
Filling steel pipe piles	2501.03, E, 3	Forfeiture, proposal guaranty.....	1103.07
Final		Forgings, steel	4153.01
acceptance--lighting.....	2523.03, U	Form line excavating machine	
acceptance and payment.....	1109.09	fixed form.....	2301.03, A, 3, a, 4
adjustment.....	1109.14	slip form.....	2301.03, A, 3, b, 1
cleaning up	1104.08	Formed steel beam guardrail	2505
inspection	1105.11	materials	4155.02
Financial statement	1102.01	railings	2414
Fine Aggregate for Portland		Forming and punching plates.....	4144.03
Cement Concrete	4110	Forms. See specific type of work.	
Fine Aggregate for Portland		Foundation piles	2501
Cement Concrete, Class L.....	4111	Foundation treatment.....	2402.03, C
Fine limestone--Class V.....	4117	Foundations and Substructures	2405
Finish. See specific type of work.		Framed bents	2409.03, G
Finishing earth shoulders.....	2123.03, C	Framing, timber structures	2409.03, E
Finishing embankments and		Free haul limit.....	2108.04, E
borrowes	2102.03, K	channel excavation	2104.05, B
Finishing machine		excavation for structures.....	2402.04, D
HMA	2001.19	Freezing and thawing test. See specific	
decks, bridge	2412.03, D	material.	
overlay.....	2413.03, A, 4	Fuel Adjustment.....	2120
PCC pavement	2301.03, A, 3, a	Full depth finish patches	2529
Fire hydrants	2554.03, B	Full depth repair patches	2212
measurement	2554.04, B, 3	Full Depth Reclamation	2116
payment	2554.05, B, 3	Furnish and Apply Granular	
Fittings, conduit and	4185.10	Shoulder Material	2128
Fittings, chain link--fence	4154.11	Furnishing and delivering materials	
Fixtures in pavement surface		on road, granular surfacing	2312
HMA	2303.04, C, 7, c		
PCC.....	2301.03, D		
Flaggers	2528.03, K		
Flange plates.....	2408.02, J, 1, c		
Floated surface finish	2403.03, P, 2, a		

G

Gabions and Revet Mattresses.....	2546
Galvanized reinforcement	2404.03, B, 5

INDEX

<u>Item</u>	<u>Reference</u>
materials.....	4151.03, B
Galvanized surfaces, cleaning, surface preparation, and painting	2509
Galvanizing. See specific material.	
various items	4100.07
Gates	
chain link fence.....	2519.03, B, 4
field fence.....	2519.03, A, 8
materials.....	4154.12
General Equipment Requirements.....	2001
General Provisions--Materials.....	4100
General Requirements	Div. 11
Girders, plate.....	2408.02, J
Government inspection--plant materials.....	4170.06
Gradation, aggregate.....	4109
Grading for paving	2102.03, L
Granular backfill	
bin type crib walls	2535.03, C
corrugated culverts	2416.03, D, 4
excavation for structures.....	2402.03, H
rigid pipe culverts.....	2416.03, D
Granular blankets	2107.03, K
Granular material for	
backfill--sanitary sewers	2552
embankments.....	2107.03, K
soil aggregate subbase.....	2110.02
Granular Subbase	2111
maintenance of completed....	2111.03, E
Granular Subbase Material.....	4121
Granular Surfacing Material.....	4120
Granular Shoulders	2121
Granular shoulder material, furnish and apply.....	2128
Grass seed.....	4169.02
sowing	2601.03, B, f
Gravel	
Class C.....	4120.03
special backfill	4132
Gravity hammers	2501.03, A, 1
Gravity seeder	2601.03, A, 8
Grooving decks	2412.03, C, 4
surfacing, repair, and overlay.....	2413.03, E, 3
Grooving pavement	2306.03, H, 3
Ground	
electrical--fence	2519.03, A, 9
limestone, fertilizer.....	4169.03, J
rod--lighting	4185.04
resistance measurements.....	2523.03, M, 2
Grounding, lighting	2523.03, M
Grout, concrete and stone	
revetment	2507.03, E
Guaranty, proposal	1102.11

<u>Item</u>	<u>Reference</u>
return of.....	1103.03
Guardrail--Materials.....	4155
Guying--installing plant materials.....	4170.09, C, 2

H

HMA	2303
quality assurance program....	2303.03, D
Hammers, pile driving.....	2501.03, A
Hand cyclone seeder	2601.03, A, 10
Hand tamping equipment.....	2601.03, A, 6, c
Handholes, lighting	2523.03, O
material	4185.08
Hangers--decks	2412.03, A, 2
Hardware--timber structures	2409.02, C
materials	4153.07
measurement	2409.05, B
payment	2409.05, B
Harrow.....	2601.03, A, 2
.....	2601.03, A, 5
Haul road, temporary primary road	1105.13
Haul routes, moistening	1107.07, E
Hauling bridge	1105.12, B
Hazardous Paint Removal	2508.01, B
Header	
concrete	2301.03, J
Health.....	1107.07
Heater scarification.....	2309
Heating	
and protection equipment .	2403.03, B, 4
equipment--bituminous materials.....	2001.11
prestressed concrete	2407.03, C, 2
structural concrete	2403.03, F, 4
Heavy equipment restrictions....	2407.03, C, 2
High performance concrete (HPC)	
concrete beams	
aggregate	2407.02, A, 1
construction	2407.3, B, 4
High pressure sodium lamps	4185.03
High strength fasteners.....	4153.06, B
High tension cable guardrail	2505
Highway Lighting	2523
Highway Lighting Materials.....	4185
Highway Signing.....	2524
Historic preservation.....	2102.03, F, 3, a
Holes	
prebored	2501.03, Q
structural steel	
bolt	2408.02, L
bolting.....	2408.03, S
drifting.....	2408.03, D
pin	2408.02, M

INDEX

<u>Item</u>	<u>Reference</u>
Holidays	1108.03, C
Hot aggregate proportioning	2001.22, J
Hot Mix Asphalt Mixtures	2303
construction	2303.03
gyratory mix design	
criteria	2303.02, D, 4
materials	2303.02
Hot mixture storage	2001.22, L
H-piles	2501.03, F
materials	4167.01, A
Hydrated lime	
HMA mixtures	2303.03, C, 3, c, 1
Soil stabilization	4193
Hydraulic seeder	2601.03, A, 7

I

Ice breakers	2405.03, G
Identification of steel	2408.02, B
Impact properties, structural steel	4152.02
tower lighting	2522.03, E
Imposition of increase in bidder	
qualification requirements	1102.03
Incentive	
bridge decks and bridge	
deck overlays	2428.05, A
pavement thickness	2301.05, A, 2
pavement smoothness	2316.05
value engineering	1105.15
Incentive/Disincentive for Early	
Completion	1111
closure day	1111.02, B
critical closure activity	1111.02, A
I/D Daily Rate	1111.02, C
I/D Payment or Assessment	1111.05
Income tax deduction on nonresident	
contractors	1102.16
Increased or decreased length or size	
of piles	2501.05, A
Increased or decreased quantities	1104.03
Inoculant	2601.03, B, 4, e
material	4169.04
Inserts--prestressed beams	2407.03, J, 2
Inspection	
arrangements	4100.02
certified plant	2521
final	1105.11
government--plant material	4170.06
work	1105.08
Inspector	
authority and duties	1105.07
structural steel	1108.02, P
Installing Plant Material	2610
Insulated forms	2403.03, F, 5, b

<u>Item</u>	<u>Reference</u>
Insulating covers	4106.02
Insulation-resistance measurements and	
report	2523.03, U, 2
Insurance	
liability	1107.02, A
certificate	1103.04
railroad protective	1107.02, B, 5
Intakes	
castings	4149.04, I
storm sewers	2435
subdrains	2502.03, A, 3
Integral curb	2301.03, A, 3, a, 2
Intent of plans and specifications	1104.01
Intercepting ditches	2102.03, H
Interest, final payment	1109.09, B
Intersection marking tape	2527.03, D, 10
Investigation by contractor	1104.01, C
Iron castings	4153.04
Irregular proposals	1102.10
Isolation joints--sidewalk	2511.03, C, 5
Issuance of proposals	1102.05

J

Jets, water, piling	2501.03, A, 9
Job mix formula (JMF). See type of work.	
Joint	
sealing--pavement	
widening	2302.03, E, 2
sealing compounds	
sanitary sewer	4149.02, A, 7, c
storm sewer	4149.02, A, 7, c
water main	4150.02, A, 2, c
Joint Fillers and Sealers	4136
Joint Repair	
longitudinal	2540
transverse	2543
Joints	
abutting--steel structures	2408.03, F
HMA	2303.03, C, 6
concrete pipe	2416.03, D, 5
concrete structures	2406.03, C
curb and gutter	2512.03, G
decks, bridge	2412.03, H
expansion	2301.03, O
foundations and	
substructures	2405.03, F
PCC pavement	2301.03, N
pavement widening	2301.03, P
pavement widening	2302.03, E, 2
sawing	2301.03, N
sealing	2301.03, P
sidewalks	2511.03, C, 3, a, 2
structural concrete	2403.03, O

INDEX

<u>Item</u>	<u>Reference</u>
Joists and plank.....	4162.03, A
Journey - Worker.....	1102.19, B, 3
Junction boxes, lighting materials.....	2523.03, P 4185.09

K

Keyway and Expansion Tubes.....	4191
Knots--timber piles	4165.03, B

L

Laboratory	
field office	2520.03, B
materials inspection	2520.03, A, 2, b
recognized.....	4103.01, A, 1
Lag bolts, timber structures	4153.07, E
Laminated pads.....	4195.02
Laminated Wood Decks	2411
Lamps	4185.03
Landscape Plant Materials	4170
Lane lines.....	2527.03, D

Lane Rental (Hourly) (A + B Bidding with Incentive/Disincentive)	1103.02, C
Lap, reinforcement	2404.03, F
Late start date	1108.02, C, 3
Laws to be observed	1107.01
Lead, bearing area	2408.03, M
material	4195.01
Legal Relations and Responsibility to the Public	1107
Legal rights, no waiver of.....	1107.17
Legumes, sowing	2601.03, B, 4, f
Letters, numerals, symbols, borders	4186.06, C
Leveling courses, placing	2303.03, C, 7
Liability insurance.....	1107.02, A
Liability of public officials	1107.16
Lift holes--pipe.....	4145.06, F
Light framing	4162.03, A
Lighting	
highway	2523
materials.....	4185
tower	2522
Lightweight concrete.....	2403.02, C
Lime, hydrated	
HMA mixtures.....	2303.03, C, 3, c, 1
Soil stabilization.....	4193
material	4193
Limestone, ground.....	4169.03, J
Limitations of operations.....	1108.03
Line posts.....	4154.07
.....	4154.09

<u>Item</u>	<u>Reference</u>
Lines-temporary pavement marking	2527.03, F
Liquid admixtures for PCC	4103
Liquid asphalts	4138
Liquid Curing Compounds	4105
Liquid Sealing Materials for Concrete Surfaces.....	4139
Liquidated damages	1108.08
Load tests, pile	2501.03, M, 3
Locating tile lines.....	2102.03, H, 3
measurement	2102.04, A, 6
payment	2102.05, A, 6
Longitudinal	
joint repair.....	2540
subdrains.....	2502.03, C
materials.....	4143.01, B
measurement.....	2502.04, B
payment.....	2502.05, B
Low devices, luminaire	4185.03, B
Lubricant, lighting cable	2523.03, Q, 3
Lumber	
for laminated wood decks	2411.02, A
for plank decks	2410.02, A
for timber structures.....	2409.02, A
forms and falsework.....	2403.03, L
treated	4163
untreated	4162
Luminaire	
highway lighting	2523.03, K
materials.....	4185.03
lowering device.....	2522.03, G
tower lighting	2522
Lumps in Portland cement	4101.01, D

M

Macadam Stone Base	2210
Macadam stone base material.....	4122
Main members, steel structures.....	2408.02
Maintenance	
of base	2210.03, G
of completed work	1107.13, A
of detours	1104.05
of subbase.....	2111.03, E
Mandatory borrow.....	2102.03, F, 1, b, 1
Manhole	
materials.....	4149.04
sanitary and storm sewers	2435
Marking pavement	2527
Marking tape.....	2527.02
profiled	2527.03, D, 9
Mastarms	2523.03, J
materials.....	4185.02, C
Material	

INDEX

<u>Item</u>	<u>Reference</u>	<u>Item</u>	<u>Reference</u>
bins.....	2001.06	equipment.....	2001.21
change in plans	1105.02	prewetting aggregate	2001.08
change in quantities.....	1104.03	structural concrete	2403.02, D
Materials		Mobilization	2533
acceptance of	1106.01	Modification in contract price	
control of.....	1106	deficient work.....	1109.03, C
found in right-of-way	1104.07	work not in reasonably close	
inspection of	1106.01	conformity	1105.04, E
	1106.02	Modified Subbase.....	2115
reasonably close conformity .	1105.04, E	Modular Block Retaining Wall	2430
storage within right-of-way	1107.08, I	Modular glare screen	2528.03, E, 2
unacceptable	1106.04	Moisture and density control	2107.03, H
Mattresses.....	2546	Moisture Control	2107.03, I
Measurement and Payment and		Mortar, flowable	2506
Metric Conversion.....	1109	Motor graders	2001.15
Measurement of liquid		Moving heavy equipment.....	1105.12
bituminous materials.....	4100.03	Mowing	
quantities	1109.01	erosion control	2601.03, B, 4, n
Mechanical		maintenance	2612
paint removal.....	2508.01, A, 3, b, 2	Mowers, erosion control.....	2601.03, A, 16
tampers	2001.04	Mulch.....	2601.03, D
trencher	2601.01, A, 15	erosion control	4169.07
Mechanically Stabilized Earth (MSE)		plant materials	4170.09, D
Retaining Wall	2432	special ditch control	2601.03, L
Median, concrete	2301.03, Q	stabilizer	2601.03, A, 14
Medium curing asphalt.....	4138.01, A	Mulching--installing plant	
Mesh reinforcement.....	4151.04	materials.....	2610.03, G
Metal		seed areas.....	2601.03, D
keyway	4191	Multiple	
nonferrous	4190	lane construction--PCC	
Methods and equipment	1108.04	pavement.....	2301.03, G
Methods of sampling and testing	4100.04	structures, structural plate.....	2420.03, C
Metric conversion	1109.01, B		
Metric Station	1109.01, B		
Milepost markers	2524.03, A, 2		
measurement	2524.04, F		
payment	2524.05, F		
Mill and shop inspection	2408.02, P		
Mill orders and shipping			
statements.....	2408.02, P, 5		
Milled Shoulder Rumble			
Strips - HMA or PCC Surface	2548		
Milling pavement.....	2531		
Mineral filler. See specific mixture.			
Minority.....	1102.19, B, 4		
Miscellaneous hardware--timber structures			
measurement	2509.04, C		
payment	2509.05, B		
Miscellaneous Iron and Steel.....	4153		
Misplaced holes.....	2408.02, L, 7		
Mixing			
HMA	2303.03, C, 3, d		
equipment.....	2001.22		
PCC.....	2301.02., C, 4		

N

National emergency provisions	1109.15
Native grass	
drill.....	2601.03, A, 11
seeding.....	2601.03, I
Natural Subgrade	2109
Noeprene bearing pads	4195.02
Neoprene washers	4186.09, A, 4, d
New Hire.....	1102.19, B, 5
No passing lanes	2527.03, D, 5
No waiver of legal rights.....	1107.17
Nonferrous Metals	4190
Non-hazardous Paint Removal	2508.01, A
Nonreflective sheeting	4186.04
Nonresident contractors, income	
tax deduction	1102.16
Nonsegregated facilities notice for Federal	
aid projects	
prime contractors.....	1102.19, B, 8
subcontractors and suppliers	1102.06

INDEX

<u>Item</u>	<u>Reference</u>
Notice to proceed	1108.02, G
Nuts. See also Bolts.	
pilot and driving	2408.02, O
pin	2408.03, U

O

Obstructions, removal	1104.06
Omission, apparent	1105.04, C
Opening sections of highway to traffic	1107.13
Overhaul	2108
Overhaul--channel excavation	2104.05, B
Overhaul--excavation for structures	2402.05, D
Overlay	
Bridge Decks, surfacing and repair	2413
Type "B" Guide Signs	2545
Overseeding	2601.03, B, 4, k
Oxygen cutting	2408.02, H

P

Pad mounted cabinet, lighting	4185.07, A, 12
Pads, bearing	4195
.....	4190.03
Paint, traffic	4183
Painting. See specific work.	
Panel bolts, sign	4186.09
Panels, sign	4186.02
Partial depth finish patches	2530
Partial payments	1109.05
Patches--base repair	
full depth repair	2212.03, B, 2, b
partial depth repair	2212.03, B, 2
surface	2212.03, B, 2, c
Patches--finish	
full depth finish	2529
partial depth finish	2530
Patented devices, materials, and processes	1107.04
Paved invert--corrugated pipe	2417.02
Paved shoulders	2122
fillet	2121.03, D
Pavement PCC	
cracking and seating	2216
slipform	2301
standard	2301
vibrator	
monitoring	2301.03, A, 3, a, b, a, 6
Pavement marking	2527
removal	2527.03, C
Pavement surface repair	
(diamond grinding)	2532
Pavement surface repair (milling)	2531

<u>Item</u>	<u>Reference</u>
Pavement widening	2302
Pavement Scarification	2214
Pavement smoothness	2316, 2317
Paving, grading for	2102.03, L
Paving--machine	
HMA	2001.19
PCC	
standard	2301.03, A, 3, a, 6
slip form	2301.03, A, 3, b
Paving mixer	2001.21
.....	2001.22
Payment	
agreed price basis	1109.03, B, 1
contract quantities	1109.01, A, 2
definite prices	1109.03, A
final acceptance	1109.09
for cancelled work	1109.04
for deficient work	1109.03, C
for extra work	1109.03, B
force account basis	1109.03, B, 2
measurement	1109.01
partial	1109.05
responsibility for	1109.10
scope of	1109.02
Penetration of piles	2501.03, O
Pentachlorophenol	4161.03
Permits, licenses, and taxes	1107.03
Personal liability of public officials	1107.16
Photoelectric control	4185.06
Pile	
bents--timber structures	2409.03, F
encasement	2501.03, F, 2
heads, treatment	2409.03, D
loading tests	2501.03, M, 3
Piles	
bearing value	2501.03, M
concrete	2501.03, D
concrete bearing	2501.03, G
concrete sheet	2501.02, G
determination of length	2501.03, M
falsework	2403.03, L, 3
.....	2408.03, L
increased or decreased	
length or size	2501.05, A
preparation of, wood	2501.03, J
sheet--steel	2501.03, G
steel	4167
substructures	2405.03, L
test	2501.03, C
timber	4165
trestle	2501.03, I
materials	4165.05
Piles and Pile Driving	2501
Pilot and driving nuts	2408.02, O

INDEX

<u>Item</u>	<u>Reference</u>	<u>Item</u>	<u>Reference</u>
Pilot cars	2528.03, D	self propelled	2001.05, C
Pin clearance	2408.03, H	Pole mounted cabinet	4185.07, A, 11
Pin holes, boring	2408.02, M	Poles	
Pin nuts, adjustment of	2408.03, U	aluminum	4185.02, F
Pins and rollers	2408.02, D	and mastarms	4185.02, C
Pipe. See also specific type.		and supports	4185.02
arches	2420	steel	4185.02, E
piling	2501.03, E	wood	4185.02, G
railings	2414.02, B	Pollution	1107.07
Pipeline notification	1107.15	Pollution control-water (soil erosion)	2602
Placement of backfill material	2102.03, D, 3, c	Polyethylene	
Placement of fill in streams and		culverts	2417
water bodies	1105.14	insulated cable	4185.12, A, 1
Placement of selected or special		Polymeric coating	4141.02, A, 1
backfill	2102.03, F, 2, d, 1	Porous Backfill Material	4131
Placement of surplus material	2102.03, G	Portable Changeable Message	
Placing concrete		Signs	2528.03, B
pavement	2301.03, F	measurement	2528.04, A, 2
structural	2403.03, C	payment	2528.05, A, 2
Placing reinforcement	2404.03, D	Portland Cement	4101
Plan quantities	1109.01, A, 2	Portland Cement Concrete Base	2201
Plank Decks	2410	Portland Cement Concrete Curb	
Plans	1105.02	and Gutter	2512
alteration	1109.16, C, 1	Portland Cement Concrete Pavement	2301
conformity with and coordination of		rubblizing	2217
contract documents	1105.04	Portland Cement Concrete Pavement	
intent of	1104.01	Widening	2302
working drawings	1105.03	Portland Cement Concrete Sidewalks	2511
Plant		Post clip bolts	4186.09
calibration--HMA	2001.22, N	Posts	
calibration--PCC	2001.22, A, 2	and timbers	4162.05, B
certified inspection	2521	fence	4154
equipment--HMA	2001.22, F	guardrail	4155
equipment--PCC	2001.21	signing	4186.10
establishment period	2610.03, I	traffic control	2528.03, A, 7
materials	4170	treated wood	4164
Planting	2610.03, E	Post tensioned concrete	2407.03, I
Plants, shipment of	4170.08	Power cable	4185.12
Plastic		Impact wrenches	2408.03, S, 5, a, 8
conduit	4185.10, D	Prebored holes, piling	2501.03, Q
netting	4169.09	Precast	
pipe	4146	box culverts	2415.01, B
sanitary sewer	4149.02, A	concrete sewer structures	4149.04
storm sewer	4149.03	Precast and Prestressed Concrete	
water main	4150.02, A, 1	Bridge Units	2407
Plastic Film for Subgrade Treatment	4107	Precast, Prestressed, Concrete	
Plastic film and insulating covers for		Deck Panels	2425
curing PCC	4106	Preconstruction conference	1108.02, L
Plate girders	2408.02, J	Pre-Engineered Steel Truss Recreational	
Plates, bars and	2408.02, E	Trail Bridge	2429
Plates, bent	2408.02, F	Preformed	
Plates, structural	2420	elastomeric joint seal	4136
Pneumatic tired rollers		expansion joint filler	4136.03
pull type	2001.05, D	polymer tape	2527.02, D, 7

INDEX

<u>Item</u>	<u>Reference</u>
Preinoculated seed.....	2601.03, B, 4, e, 3
Premolded resilient filler--decks.....	2412.03, H
Preparation of proposals.....	1102.09
Preparation of sod for grading	2105.03, A
Preparation of subgrade, base widening	2213.03, E
Preservative Treatment	4161
Presplitting and Production Blasting of Rock Slope Cuts.....	2103
Pressure grouting pavement.....	2539
Prestressed concrete beams, high performance concrete (HPC) aggregates	2407.02, A, 1
construction	2407.03, B, 4
Prestressed concrete units	2407
Prestressing steel.....	4151.05
stresses.....	2407.03, a
Prewetting equipment.....	2001.08
Price adjustment.....	1109.03, A
deficient work	1109.03, C
material or work not in reasonably close conformity.....	1105.04
Primary service ducts	2523.03, N, 2, C
Production blasting, rock slope cuts.....	2103.03, C
Production limits, producer's.....	1106.01, B
Profiled marking tape.....	2527.02, D, 9
Profilograph.....	2316.02, B, 2317.02, A
Progress of the work.....	1108.02, K
Progress scheduling	1110
Proof rolling subgrade	2301.03, B, 3, c
Proportions--PCC pavement..	2301.03, B, 3, c
Proportions--structural concrete.....	2403.02, B
Proposal filing.....	1102.12
form.....	1102.04
guaranty	1102.11
irregular	1102.10
issuance	1102.05
preparation	1102.09
withdrawal of	1102.13
Proposal Requirements and Conditions..	1102
Prosecution and Progress	1108
Prosecution of work	1108.02
Protection. See specific type of work. and restoration of property.....	1107.11
trees and shrubs.....	2610.03, A
water quality and wetlands	1105.14
Provisions for drainage.....	2102.03, H
Pruning.....	2610.03, C
Public convenience and safety	1107.08
Public officials, liability of	1107.16
Public opening of proposals.....	1102.14
Public utilities	1107.15

<u>Item</u>	<u>Reference</u>
Pull posts chain link fence.....	2519.03, B, 2, g
field fence.....	2519.03, A, 3
Pulverizing equipment	2001.17
Punched holes.....	2408.02, L, 2
Pure-live-seed basis	4169.02

Q

Qualification of bidders	1102.01
Qualification of welders.....	2408.13
Quality index. See specific type of work.	
Quality Assurance Program	2303.03, D
sampling and testing.....	2303.03, D
production plant	2303.03, D
JMF working ranges	2303.03, D, 3, c
Quality Control--Small HMA Paving Quantities	2303.03, E
Quality, water	1105.14
Quantities, increased or decreased.....	1104.03
Quantities, measurement of.....	1109.01

R

RAP	2303.02, C
Railings	2414
Railroad Approach Sections	2517
Railroad crossings.....	1104.10
Rails chain link fence.....	4154.10
supplementary.....	2301.03, A, 3, a, 3
temporary barrier	2528.03, E
Rain, protection of pavement....	2301.03, K, 4
Rapid curing asphalt.....	4138.01, A
Ready mixed concrete	2301.03, K, 4
mixers.....	2001.21, C
Reaming.....	2408.02, N
Reasonably acceptable	1105.04, E
Reasonably close conformity.....	1105.04
Rebuilding embankments	2107.03, L
Rebuilding shoulders	2213.03, J
Recall	1102.19, B, 6
Reclamation, full depth	2116
Reclaiming Present Surfacing Material ..	2126
Recognized laboratory.....	4103.01, A, 1
Reconstruction of Roadbed	2127
Recycled Asphalt Pavement	2303.02, C
Reduction in bidder qualification restrictions.....	1102.02
Refertilizing.....	2601.03, E
Reflectorizing Spheres for Traffic Paint..	4184
Rehire.....	1102.19, B, 7

INDEX

<u>Item</u>	<u>Reference</u>	<u>Item</u>	<u>Reference</u>
Reinforced bridge approach sections	2301.03, R	lighting	2523.03, U
Reinforcement		Responsibility for damage claims.....	1107.12
bridge decks	2412.03, B	Responsibility for payment.....	1109.10
culverts		Restoration	
cast-in-place	2415.03, B, 2, c	borrow	2102.03, F, 4
pipe	4145.06	final cleaning up.....	1104.08, B
PCC Pavement.....	2301.03, E	property	1107.11
Precast and prestressed		surfaces opened by permit.....	1107.05
concrete.....	2407, E	Restrictions. See also specific type of work.	
structures.....	4151.03	moving and use of heavy	
Release by the Engineer	1107.12, C	equipment.....	1105.12
Release of pretensioned		tractors with lugs.....	2001.01, C
reinforcement	2407.03, H	Retaining walls	2516
Remediation, soil	2537	modular block	2430
Remodeling structures.....	2401.03, B	segmental.....	2431
Removal and construction of		mechanically stabilized	
guardrail	2505	earth (MSE)	2432
paved driveways	2515	Retarder. See Admixtures	
PCC sidewalk	2511	Retention dams	1107.07, C
retaining walls and steps.....	2516	Retention of preservative	4161.03
Removal of		Retroreflective sheeting	4186.03
anchor lugs.....	2510.01	Return of proposal guaranty	1103.03
asbestos.....	2536	Requirement of contract bond.....	1103.05
boulders	2102.03, C	Revetment.....	2507
buildings	2538.03, D, 6	Revetment Stone	4130
cofferdams.....	2402.03, E	Ribbed bolts	2408.02, C
concrete and masonry	2401.03, F	Right-of-way	
curb, base widening.....	2213.03, C	available to Contractor.....	1104.09
curb, pavement.....	2514	materials found on	1104.07
defective work.....	1105.09	Rigid conduit.....	4185.10
excavated material	2402.03, G	Rigid Pipe Culverts	2416
existing structures.....	2401	Roadbed correction	
flumes paved driveways.....	2515	soil aggregate subbase.....	2110.03, B
pipe culverts.....	1104.06, B	Roadbed, reconstruction of.....	2127
retaining walls.....	2516	Roadside Development	Div. 26
sidewalks.....	2511	Roadway	
steel.....	2401.03, E	and borrow excavation.....	2102
steps.....	2516	cover aggregate.....	2307
structures and obstructions.....	1104.06	luminaires	2523.03, K
substructures	2401.03, C	Rock cuts.....	2102.03, E
superstructures.....	2401.03, B	Rock slope cuts, presplitting and	
underground tanks.....	2537	production blasting.....	2103
unsuitable or unstable soil	2102.03, D	Rock fills	2107.03, J
Remulching	2601.03, E	Rocker bearings, setting	2408.03, W
Replacement of		Rodent guard-subdrains	4143.03, B, 4
erosion control	2601.03, R	Rods	
plant materials	2610.03, I	for splicing fence.....	2519.03, A, 7, a
Request for proposal forms.....	1102.05	ground--fence	2519.03, B, 5
Requirement of contract bond.....	1103.05	ground--light	4185.04
Reseeding	2601.03, E	Rollers	2001.05
Reshaping Ditches	2125	expanded mesh	2601.03, A, 6, d
Resilient joint filler.....	4136.03, A	restrictions on use.....	2303.03, B, 3
Resistance measurements,		Rollers, pins and.....	2408.02, D

INDEX

<u>Item</u>	<u>Reference</u>
Rotary brooms.....	2001.14
Rotary tiller	2601.03, A, 4
Rough bolted connections	2408.02, C
Rough dimensions--timber and lumber	4162.03
Round wood posts.....	4164.02
Route markers, 6 inches by 6 inches.....	2524.03, A, 3
Rubblizing existing Portland cement concrete	2217
Runout ditches	2102.03, H, 2
Rust.....	2404.03, A

S

Safety	
closure.....	2518
fence for pavement.....	2301.03, L
heater scarification	2309.03, G
health, pollution, and sanitation ..	1107.07
material bins	2001.06, C
pavement scarification	2214.03, D
public convenience and	1107.08
requirements--HMA plants.....	2001.22, M
sampling locations	1107.07, B
Sales tax	1109.07
Savage, removal and disposal of obstructions	2538
Salvage, archaeological	2102.03, J
Salvaging topsoil	2105
Samples	
HMA	
measurement	2303.04, H
payment	2303.05, H
PCC	
measurement	2301.04, a
payment	2301.05, a
Samples and tests	1106.02
Sampling and testing	
methods	4100.04
safety	1107.07, B
Sample delivery.....	2534
Sand cover	4125
Sand spreader.....	2001.13, C
Sanitary Sewers	2504
structures	2435
Sanitation	1107.07, A
Sawed wood posts	4164.03
Scales	
HMA plants.....	2001.22
PCC plants	2001.20
weighing equipment.....	2001.07
Scarifying equipment.....	2001.16
Scarifying pavement.....	2214

<u>Item</u>	<u>Reference</u>
Schedule of staging	1108.02, J
Scheduling, progress	1110
Scope of payment.....	1109.02
Scope of Work.....	1104
Seal coat	
bituminous	2307
Seal courses	
foundations and substructures.....	2405.03, B
structural concrete	2403.03, J, 5
Sealers, joint fillers	4136
Sealing. See specific type of work.	
Seedbed preparation	2601.03, B, 4, a
Seeding	2601.03, B
aerial	2601.03, A, 12
special ditch control	2601.03, J
Seeds.....	4169.02
Segmental Retaining Wall	2431
Selected backfill material	2102
measurement	2102.04, A, 3
payment	2102.05, A, 3
placement.....	2102.03, D, 3, c
Selective saving--plants.....	2101.05
Self locking nuts	4190.02, B, 4
Setting	
anchor bolts	
steel structures	2408.03, V
substructures	2405.03, H
forms	2301.03, C
posts--chain link fence	2519.03, B, 2
posts--field fence	2519.03, A
rocker bearings.....	2408.03, W
Sewer Pipe and Manhole Materials	4149
Sewers	
sanitary.....	2504
storm	2403
structures.....	2435
Shaft--concrete drilled.....	2433
Sheathing	4162.07
Sheet	
aluminum.....	4186.02, A
piles.....	2501
Sheeting, retroreflective.....	4186.03
Shelter--structural concrete.....	2403.03, C, 4
Shipment, of plants.....	4170.08
Shipments, liquid bituminous	
materials.....	4100.03, B
Shipping structural steel	2408.02, R
Shoe, joint matching	2001.19
Shop	
assembly	2408.03, C
drawings	1105.03
highway lighting	2523.03, B
signing	2524.03, A, 1, b, 2, c

INDEX

<u>Item</u>	<u>Reference</u>	<u>Item</u>	<u>Reference</u>
steel structures	2408.03, A	Sod.....	4169.07
tower lighting	2408.03, A	shredding for grading	2105.03, A
erection	2408.03, J	Sodding	2601.03, F
inspection	2408.02, P	Sodium chloride	4194.02
painting.....	2408.02, Q	Sodium lamps.....	4185.03
storage of materials	2408.03, S	Soil	
Shotcrete.....	2424	cohesive	2102.02, D, 1, a
Shoulders		granular	2102.02, D, 1, b
earth	2123	remediation.....	2537
fillet, granular	2121.03, D	suitable for embankment... 2102.02, D, 2	
granular	2121	unsuitable for	
material, furnish and apply.....	2128	embankment.....	2102.02, D, 3
paved	2122	Soil aggregate subbase	2110
pavement widening.....	2302.03, F	Soil, erosion.....	2602
measurement.....	2302.04, D	Solid white barrier lines.....	2527.03, D, 9
payment.....	2302.05, D	Source of supply and quality	
rebuilding--base widen.....	2213.03, J	requirements.....	1106.01
Shrubs.....	2610	Southern pine--timber and lumber	
with warranty	2611	treated	4163
Sidewalks	2511	untreated	4162
removal	2511	Spacer blocks, guardrail	4155.06
Sight conditions, differing.....	1109.16, A	Special	
Sign		backfill material	4132
letters, numerals, symbols		measurement.....	2102.04, A, 4
and borders	4186.06, C	payment.....	2102.05, A, 4
posts, Types A and B.....	2524.03, B	placement	2102.03, D, 3, c
measurement.....	2524.04	compaction of subgrade.....	2109.03, C
payment.....	2524.05	measurement.....	2109.04, B
posts--traffic control	2528.03, A, 7	payment.....	2109.04, B
posts, wood	4164.04	ditch control	2601.03, H
Significant change in character of		fittings--fence	4154.11
work	1109.16, C	seed	2601.03, B, 4, d
Signing, highway	2524	surface finish--structural	
Signing Materials	4186	concrete.....	2403.03, P, 2, c
Signs		treatment--wood posts	4161.03, B, 3
traffic	2524.03, A, 1	Specialty items	1108.01, A
traffic control.....	2528.03	Specific intensity.....	4186.11, B
Type A.....	2524.03, A, 1, b, 1	Specifications, conformity with	1105.04
Type B.....	2524.03, A, 1, b, 2	intent of.....	1104.01
warning.....	1107.09	Specified starting date	1108.02, C, 1
Silt basins, silt dikes, silt ditches, silt		Spheres, reflectorizing	4184
fence, and silt fence for		Spike tooth harrow.....	2601.03, A, 5
ditch checks.....	2602	Spiral reinforcement.....	4151.03, A
Single conductor wire and cable ...	4185.12, A	Splices	
Single plank decks.....	2410.03, B	field fence	2519.03, A, 7
Skewed - arch spans	2420.03, E	lighting	2523.03, S
Slip form concrete pavement	2301.01, B	piles.....	2501.03, P
Slope protection	2601.03, H	reinforcement.....	2404.03, F
Slow curing asphalt	4138.01, A	Spreaders.....	2001.13
Slump. See specific type of work.		Spreading topsoil.....	2105
Smoothness, pavement.....	2316	Stabilizing crop seeding and	
primary interstate	2317	fertilizing	2601.03, C
Smoothness, bridge decks and bridge		measurement.....	2601.04, A
deck overlays	2428	payment.....	2601.05, A

INDEX

<u>Item</u>	<u>Reference</u>
Staging, schedule of	1108.02, J
Stakes, construction	1105.06
Stakes for holding sod	4169.09
Staking	
and guying material	4170.09, C
plants	2610.03, F
sod flumes and ditch	
canals	2601.03, F, 3, c, 4
Standard concrete pavement	2301.01, A
Standard subdrains	2502.03, A
materials	4143.01, C
measurement	2502.04, A
payment	2502.05, A
Standardized contract clauses	1109.16
differing site conditions	1109.16, A
significant change in the character	
of work	1109.16, C
suspension of work	1109.16, B
Staples	
fence	4154.06
for special ditch control	4169.09, A
Starting date	
approximate	1108.02, C, 2
late	1108.02, C, 3
specified	1108.02, C, 1
Stationary mixer	2001.21, B
Steam hammers	2501.03, A, 2
Steel	
assembling	2408.03, Q
beam guardrail	4155.02
castings	4153.03
galvanized	4100.07, A
cold finished	4153.02
conduit	4185.10, B
for prestressing	4151.05
forgings	4153.01
galvanized--sign	4186.02, B
H-piles	2501.03, F
identification	2408.02, B
miscellaneous	4153
piles	4167
pipe	4153.05
pipe piles	2501.03, F
poles--light	4185.02, E
posts	
braces, and rails	4154.08
guardrail	4155.05
line	4154.09
sign	4186.10
traffic control	2528.03, A, 7
railings	2414
reinforcement	4151
removal of	2401.03, E
sheet piles	2501.03, G

<u>Item</u>	<u>Reference</u>
structural	4152
structures	2408
tired rollers	2001.05, B
truss bridge--pre-engineered	2429
Steps, manhole	4149.04, L
Sticking agent	2601.03, B, 4, e, 5
materials	4169.05
Stockpiles. See specific type of work.	
Stone revetment	4130
Storage. See also specific type of work.	
HMA	2001.22, L
Stored materials, partial	
payment	1109.05, A, 2
Storm Sewers	2503
pipe for	4149
structures	2435
Straightening and straightness. See	
specific material.	
Strands, deflected	2407.03, G, 9
Strands, release of	2407.03, H
Straw mulching machine	2601.03, A, 13
Strength. See specific material.	
Strengthening courses	2303.03, C, 7, a
Stress relieving	2408.02, I
Stresses, prestressing	2407.03, G
Stretching fence	
barbed wire	2519.03, A, 6
field fence	2519.03, A, 5
Stringers	2409.03, J
Strip-down surface finish	2403.03, P, 2, D
Stripping and Removal of	
Unsuitable Material	2312.03, E
Stripping, Salvaging, and Spreading	
Topsoil	2105
Structural	
panels, Type B signs	4186.02, D
plates for pipe, pipe arches, and	
arches	4144
plate pipes, pipe arches, and	
arches	2420
reinforcing	2404
steel	4152
steel railings	2414
timber and lumber	
treated	4163
untreated	4162
Structural Concrete	2403
air content	2403.02, B, 3
bonding	
construction joints	2403.03, H
new and old work	2403.03, I
cold weather protection	
and curing	2403.03, F
placement	2403.03, C

INDEX

<u>Item</u>	<u>Reference</u>	<u>Item</u>	<u>Reference</u>
repair	2426	Survey, Construction	2526
steel		Suspension of bidder	1102.03
painting.....	2508	Suspension of work, temporary.....	1108.06
Structures		Swinging the span	2412.03, A
concrete	2406	Symbols and legend	2527.03, D, 8
removal	2401		
sanitary and storm sewer.....	2435	T	
steel.....	2408	Tack coats--HMA.....	2303.02, E, 1
timber	2409	Tack welds. Included in Welding	
Subbase		Tagging plant materials	4170.03
Class A.....	2114	Tampers, mechanical	2001.04
granular	2111	Tape, marking	
modified.....	2115	intersection	2527.02, D, 10
soil aggregate.....	2110	regular	2527.02, D, 3
Subcontractor		profiled pavement	2527.02, D, 9
disclosure	1103.08	Targeted Small Business.....	1102.18, B
nonsegregated facilities	1102.06	Tee sections, payment	
Subdrain pipe	4143	corrugated culvert	2417.05, C
Subdrains	2502	rigid culvert.....	2416.05, B
Subgrade		Temperature limitations. See specific type	
natural	2109	of work.	
preparation	2111.03, B	Temporary	
preparation for base		barrier rail	2528.03, E
widening	2213.03, E	concrete barrier	2513
proof rolling.....	2301.03, B, 3, c	crash cushions.....	2552.03, B
special compaction	2104.03, C	delineators.....	2527.02, D, 4
stabilization material	2113	drainage	2102.03, H
Subjecting concrete to exterior		floodlighting	2528.03, H
loads.....	2403.03, N	lighting devices	2528.03, F
Subletting of contract.....	1108.01	Pavement Marking.....	2527.03, F
Substitutions--plant materials....	4170.02, B, 6	primary road haul roads.....	1105.13
Substitutions--steel structures... 2408.03, A, 3		moistening	1107.07, E
Substructures	2405	stream access	2547
Supervision by Contractor	1105.05	suspension of work	1108.06
Supplemental contract for		traffic signals.....	2528.03, G
work interrupted.....	1109.06, B	Water Pollution Control	2602
Support Structures for Highway Signs,		Tension, bolt.....	2408.03, S, 5, a, 6
Luminaires, and Traffic Signals.....	2423	Tension wire--fence	4154.05
Supports, reinforcing	2404.03, E	Theoretical rate of evaporation chart,	
Surety company	1103.05	bridge deck.....	2412.03, C, 4
Surface		Termination of Contractor's	
Preparation overlays.....	2310.03, B	responsibility.....	1108.12
Application of Calcium Chloride	2314	Terms, definition of	1101.03
Courses.....	Div. 23	Testing	
Recycling by Heater Scarification ..	2309	methods of.....	4100.04
Surfacing		zinc coating.....	4100.06
driveway	2315	Tests and samples	1106.02
granular	2312	Test piles	2501.03, C
material, granular.....	4120	Test strip	
reclaiming present	2126	(HMA pavement)	2303.03, C, 5, b, 4
Surfacing and Repair and Overlay of		Thermoplastic wire and cable	4185.13, C
Bridge Decks	2413	Thrie beam rail.....	4155.02, B
Surge tank--HMA.....	2001.22, F, 2, b, 1	Tie wire--fence.....	4154.05
Surplus material, placement of	2102.03, G		

INDEX

<u>Item</u>	<u>Reference</u>
Tile, drain	4143.03, C
Tile lines, locating.....	2102.03, H, 3
Tiller	2601.03, A
Timber and lumber	
treated	4163
untreated	4162
Timber Piles	4165
Timber Structures.....	2409
Time for opening pavements	2301.03, 4
earth shoulders.....	2123.03, B, 8
Time limits for final adjustment	1109.14
Time, mixing	
HMA	2303.03, C, 3, d, 5
PCC	2001.21
Topsoil	
for installing plant materials .	4170.09., A
stripping, salvaging, and	
spreading	2105
Torque wrench	2408.03, S, 5, c
Tower lighting	2522
Traffic control	2528
Traffic control devices.....	2528.03
Traffic, opening sections to	1107.13
Traffic paint	4183
Traffic signalization	
controller	2525.03, E
detector loops.....	2525.03, F
handholes.....	2525.03, B
signals.....	2525.03, G
signal supports	2525.03, H
temporary	2528.03, G
Traffic signs.....	2524.03, A, 1
Trainee.....	1102.19, B, 9
Transformer base, material.....	4185.02, D
Transverse	
pavement marking	2527.03, D, 7
Treated Timber and Lumber	4163
Treated Wood Posts.....	4164
Treatment of treated wood	
piles.....	2501.03, I, 5
Treatment preservative.....	4161
Tree wrap	4170.09, E
Trees, protection of.....	2102.03, I
Tremie.....	2403.03, B
Trench	
bottom, compacting	2107.03, M
drains	2502.03, B
Excavation and Backfill.....	2553
excavating machines	2001.18
rollers	2001.05, E
subdrain	2502.03
Trenchless Construction.....	2553
Trencher, mechanical	2601.03, A, 15
Trestle piles.....	2501.03, I

<u>Item</u>	<u>Reference</u>
material	4165.05
Truck mixer and agitator	2001.21, C
Trucks--bituminous mixtures.....	2001.03
Tying reinforcement.....	2404.03, D, 2
decks	2412.03, B, 2
Type	
A compaction.....	2107.03, E
A sign posts.....	2524.03, B
A signs	2524.03, A, 1, b, 1
B compaction.....	2107.03, F
B sign posts.....	2524.03, B
B signs	2524.03, A, 1, b, 2
L-1 connectors.....	4185.11, D
L-2 connectors.....	4185.11, E
Y-1 connectors	4185.11, A
Y-2 connectors	4185.11, B
Y-3 connectors	4185.11, C

U

Unacceptable materials	1106.04
Unauthorized work.....	1105.10
Unclassified Pipe Culverts	2422
Unexpected rock excavation	
earthwork.....	2102.05, A, 1, f
structures.....	2402.05, E
Underground ducts	2523.03, N, 2
Underground tanks	2537
Undersealing pavements	2539
Underwater placement	
equipment.....	2403.03, B, 2
Units of aggregate, sampling	4100.05
Unsuitable or unstable soil	
removal	2102.03, D
use of	2107.04, N
Untreated Timber and Lumber.....	4162
Untreated timber piles.....	4165.03
Urban seeding	2601.03, B, 4, J
Use of	
explosives.....	1107.10
materials found on the	
right-of-way.....	1104.07
Use tax paid	1109.07
Utilities, public	1107.15
Utility companies, highway	
lighting.....	2523.03, C
Utility property and services.....	1107.15

V

Valves, water mains	2555
Value engineering proposal	1105.15
Vertical panels.....	2528.03, C, 1, b
Vibration of structural concrete	2403.03, D

INDEX

<u>Item</u>	<u>Reference</u>
deck overlays	2413.03, E, 2, i
Vibrators for pavement	2301.03, A, 3, a, 6, a
Vibratory compactor-- subdrains.....	2502.03, C, 7
Vibratory rollers	2001.05, F
Volumetric proportioning--PCC	2001.20, E

W

Waiver of damages due to delays	1108.02, C, 2
Waiver of legal rights, no	1107.17
Walls	
modular block retaining.....	2430
segmental retaining	2431
mechanically stabilized earth (MSE) retaining.....	2432
Walls and steps.....	2516
Warning lights.....	2528.03, F
Warning signs.....	1107.09
Washers	
aluminum.....	4190.02, C
high strength fasteners	4153.06, B
signing.....	4186.09
timber structures.....	4153.07, B
Water	
calcium chloride application	2314
cement ratio. See specific mixture.	
distributors.....	2001.09
embankments, measurements.....	2107.04, B, 6
jets	2501.03, A, 9
payment	2107.05, A, 6
pollution control	2602
supply equipment	2001.10
washing--PCC pavement.....	2301.03, A, 3, f
washing--structural concrete.....	2403.03, C, 2
Watering	
haul routes.....	1107.07, E
plants.....	2610.03, E, 6
sod	2601.03, F, 3, e
special ditch control	2601.03, Q
Water Mains, Valves, and Appurtenances	2555
Water quality and wetlands.....	1105.14
Weather restrictions. See specific type of work.	
Web stiffeners	2408.02, J, 2
Weekly report of working days.....	1108.02, H
Weighing equipment and procedures	2001.07
HMA	2001.22

<u>Item</u>	<u>Reference</u>
PCC.....	2001.20
Welding	
iron castings	4153.04, C
pipe reinforcement	4145.06, C
prestressed concrete reinforcement.....	2407.03, C
steel piles	4167.01
steel structures	2408.03, B
support structures	2423.03, B
tower lighting	2522.03, D
Welds, temporary--bridge decks.....	2412.03, A, 2
White	
fast dry traffic paint	4183.03
pigmented curing compounds ...	4105.05
Wick Drains	2112
Winter seal	
Aggregate.....	2307.02, A, 1
base widening.....	2213.03, I
Winter work	1108.02, F
Wire	
and cable.....	4185.12
barbed	4154.04
fence	4154.02
mesh reinforcement	4151.04
staples, fence	4154.06
staples, special ditch control.....	4169.09, A
tie and brace.....	4154.05
Withdrawal of proposal	1102.13
Wood	
excelsior mat	4169.09, B, 1
decks	
laminated	2411
plank.....	2410
piles.....	4165
poles, lighting.....	4185.02, G
posts	
fence.....	4154.07
guardrail.....	4155.04
round	4164.02
sawed	4164.03
sign.....	4164.04
treated	4164
railings	
materials	2414.02, C
construction	2414.03, C
Wood Preservatives.....	4160
Work	
accelerated schedule	1108.02, D
alteration of, character of	1109.16, C
cancelled	1109.04
completion of--erosion control.....	2601.03, R

INDEX

<u>Item</u>	<u>Reference</u>
Contractor's responsibility for.....	1107.14
control of	1105
defective	1105.09
deficient.....	1109.03, C
extra	1104.04
failure to complete	1108.09
inspection of	1105.08
interrupted	1109.06
payment for	1109.03
progress	1108.02
progress scheduling	1110
prosecution of.....	1108.02
significant change.....	1109.16, C
special	1104.02
temporary suspension of	1108.06
unauthorized.....	1105.10
winter	1108.02, F
Working day	
charging	1108.02, E
weekly report	1108.02, H
Working drawings.....	1105.03
Workers, character of	1108.05

Y

Yellow	
fast dry traffic paint	4183.03

Z

Zinc	
coating, testing	4100.06
coatings, galvanizing	4100.07
rich paint.....	4182.02

