



Connecticut DOT

Number:

2015-3-EC

Bureau of Engineering and Construction

Date:

July 16, 2015

ENGINEERING & CONSTRUCTION DIRECTIVE

Chief Engineer

Standard Specifications Committee and Specifications

This Directive provides notification that the Standard Specifications Committee has been reconstituted and that Specification Working Groups are being established. It also documents processes and responsibilities for the development and maintenance of Standard Specifications and Supplemental Specifications. Additionally, it provides guidance in several areas related to specifications and contract documents.

Responsibility for recommending updates and publishing the Department's Standard Specifications and Supplemental Specifications is assigned to the Standard Specifications Committee with support from a variety of organizational units and the newly-established Specification Working Groups.

Standard Specifications Committee

This is a Standing Committee covered by an Administrative Memorandum. Members are appointed annually by the Commissioner or by the Committee Oversight Designee during the year. This Directive announces a change in membership, as outlined below:

Voting Members

- Bureau Chief (Engineering and Construction) – Oversight Designee
- District Engineer or Assistant District Engineer (Construction) - Chairperson
- Transportation Division Chief (Construction) (1)
- Transportation Division Chief (Traffic Engineering) (1)
- Transportation Division Chief (Highway Design) (1)
- Transportation Division Chief (Facilities & Transit) (1)
- Transportation Division Chief (Bridges) (1)
- Transportation Principal Engineer (Materials Testing)
- Transportation Maintenance Manager (2)
- Transportation Assistant Planning Director (Environmental) (3)
- Assistant District Engineers (Construction) (4)

Non-Voting Members

- Transportation Engineer (Construction) – Secretary (5)
- Assistant Attorney General (6)
- Federal Highway Administration representative (6)
- President, Connecticut Construction Industries Association, Inc.
- Member, Connecticut Construction Industries Association, Inc. (6)

Numerals within parenthesis refer to the notes below.

- 1 May designate staff to serve as member; designee will be a Supervising Engineer level or higher, unless approved by the Committee Chairperson
- 2 May designate staff to serve as member approved by the Committee Chairperson
- 3 May designate staff to serve as member; designee will be a Supervising Planner level or higher, unless approved by the Committee Chairperson
- 4 Membership will rotate among the non-Chairperson Assistant District Engineers annually; for continuity, all Assistant District Engineer are encouraged to attend meetings
- 5 Designated by the Transportation Division Chief (Construction)
- 6 Member is designated by represented organization

The Standard Specifications Committee is responsible for recommending revisions to the Standard Specifications and Supplemental Specifications.

The Committee will meet regularly, normally on a bi-monthly basis. Regular meetings will be scheduled one year in advance. Meetings will be canceled by the Chairperson when not warranted by the agenda or for other cause. The Chairperson may also convene special meetings.

The Secretary will prepare Committee meeting agenda, subject to the approval of the Chairperson.

Specification Working Groups

Each section of the Standard Specifications is being assigned to a Specifications Working Group (SWG). Each SWG will be co-chaired by a transportation division chief (or a Policy and Planning manager in a few cases) and assistant district engineer and will also include a Maintenance representative. Other Department organizational units are represented selectively and additional members will be appointed at the discretion and mutual agreement of the co-chairs. Attachments A & B identify the initial SWG assignments.

SWGs will review proposed specification changes and recommend approval or disapproval to the Standard Specifications Committee. Additionally, SWGs are being assigned responsibility for identifying sections for which a Developmental Specification (“Owned Special Provision”) [See last section for definition.] is needed.

SWGs will meet as required to perform their duties.

Standard Specification Revision Process (Work Flow)

The general process for revising Standard Specifications and Supplemental Specifications is outlined below:

- Recommended revisions may be submitted from organizations and personnel, which may or may not be affiliated with the Standard Specifications Committee. The submission should include a proposed specification conforming to the Department's *Specification Writing Style Guide* (publication/general availability pending), along with any supporting information (e.g., background, advantages, reference to other specifications and Department practice). Recommendations should be submitted to the Standard Specifications Committee Secretary.
- The Secretary will distribute proposed revisions to the appropriate Specifications Working Group (SWG) for review.
- After review by the SWG, the Standard Specifications Committee Secretary will place the proposed revision on the Standard Specifications Committee meeting agenda.
- The Standard Specifications Committee, with input from and participation by the cognizant SWG co-chairs, will evaluate the proposed revision.
- The Standard Specifications Committee will vote for or against recommending approval of the proposed revision. The Chairperson will only vote to break a tie.
- If a revision is voted down, the specification will be returned to the SWG with comments.
- Revisions recommended by the Standard Specification Committee will be forwarded to the Chief Engineer for approval.
- Upon approval by the Chief Engineer, the revised specification will be submitted to the Federal Highway Administration for approval.
- The Standard Specification Committee Secretary, on behalf of the Chairperson, will disseminate revisions to Department units with the recommended effective dates for incorporation in Final Design Plan submissions. Approved provisions requiring implementation prior to publication of the next edition of the Supplemental Specifications shall be incorporated in contracts as special provisions.

When an approved revision to the Standard Specifications or Supplemental Specifications is in conflict or inconsistent with a Department Standard Drawing or design policy (e.g., *Bridge Design Manual*, *Highway Design Manual*), the Standard Specification Committee Chairperson shall inform the Engineering division chief responsible for the Standard Drawing or design policy. Revisions to Standard Sheets and design policy or other accommodation shall be made in a manner and timing that avoids conflicts within the contract documents.

Other Guidance Related to Specifications and Contract Documents

The following clarifies various elements of contract documents and their appropriate use in Department contracts.

- **Standard Specifications:** Specifications approved for general application and repetitive use, compiled and made available in book form. The current version of the Department's Standard Specification is *Form 816*. Standard Specifications are made applicable to contracts by reference, rather than inclusion within specific contracts.
- **Supplemental Specifications:** Additions and revisions to the Standard Specifications, published and issued in the form of a "Supplement". Supplemental Specifications are made applicable to contracts by reference, rather than inclusion within specific contracts.
- **Special Provisions:** Additions and revisions to the Standard Specifications and Supplemental Specifications that apply only to an individual or small group of contracts. Applicable Special Provisions are included directly within the contract documents for specific contracts.
- **Developmental Specifications** (also known as **Pilot Specifications** or **Owned Special Provisions**): Specifications developed to cover a new process, procedure, or material and likely to require subsequent refinement/revision prior to adoption for general use. Developmental Specifications will have an assigned "Owner". A Department [web page](#) identifies current Owned Special Provisions and provides guidance for their use. Developmental Specifications are included directly within the contract documents for specific contracts.
- **Notice to Contractors:** Written statement, located at the front of the bid package, notifying bidders of important background or highlighting a change in contracting practices, specifications or other non-typical requirement associated with the particular contract. The Notice should direct the contractor to the appropriate location in the contract to view the new/revised requirements or Special Provision. Notices to Contractors should not be used to direct work, specify methods of measurement, bases of payment, or materials.

Please be guided by this information.

Attachment A: Specification-Working Group Assignments, Listed by Specification Section
Attachment B: Specification-Working Group Assignments, Listed by Working Group

Directive 2015-3-EC, Attachment A
Specification-Working Group Assignments
Listed by Specification Section

SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
DIVISION I					
1.01	Definition of Terms & Permissible Abbreviations	Facilities and Transit	Contract Development	2	Staff
1.02	Proposal Requirements & Conditions	Facilities and Transit	Contract Development	2	Staff
1.03	Award & Execution of Contract	Facilities and Transit	Contract Development	2	Staff
1.04	Scope of Work	Construction	Specifications	2	Staff
1.05	Control of the Work	Construction	Specifications	2	Staff
1.06	Control of Materials	Construction	Div Materials Testing	2	Staff
1.07	Legal Relations & Responsibilities	Construction	Specifications	2	Staff
1.08	Prosecution and Progress	Construction	Specifications	2	Staff
1.09	Measurement & Payment	Construction	Specifications	2	Staff
1.10	Environmental Compliance	Policy and Planning	Environmental Planning	2	Staff
1.11	Claims	Construction	Specifications	2	Staff
1.20	General Clauses for Facilities Construction	Facilities & Transit	Facilities Design	2	Staff
DIVISION II					
2.01	Clearing & Grubbing	Highway Design	State Highway Design	4	Highway
2.02	Roadway Excavation, Formation of Embankment & Disposal of Surplus Material	Highway Design	State Highway Design	1	Highway
2.03	Structure Excavation	Bridge Design	State Bridge Design	4	Bridge
2.04	Cofferdam and Dewatering	Bridge Design	State Bridge Design	2	Bridge
2.05	Trench Excavation	Highway Design	State Highway Design	1	Highway
2.06	Ditch Excavation	Highway Design	State Highway Design	1	Highway
2.07	Borrow	Highway Design	State Highway Design	1	Highway
2.08	Free-Draining Material	Highway Design	State Highway Design	1	Highway
2.09	Subgrade	Highway Design	State Highway Design	1	Highway
2.10	Water Pollution Control (Soil Erosion)	Policy and Planning	Environmental Planning	1	Highway
2.12	Subbase	Highway Design	State Highway Design	1	Highway
2.13	Granular Fill	Highway Design	State Highway Design	1	Highway
2.14	Compacted Granular Fill	Bridge Design	State Bridge Design	1	Bridge

Directive 2015-3-EC, Attachment A
Specification-Working Group Assignments
Listed by Specification Section

SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
2.16	Pervious Structure Backfill	Bridge Design	State Bridge Design	1	Bridge
2.18	Sedimentation Control Bales	Policy and Planning	Environmental Planning	1	Highway
2.19	Sedimentation Control System	Policy and Planning	Environmental Planning	1	Highway
3.02	Rolled Granular Base	Highway Design	State Highway Design	1	Highway
3.03	Concrete Base	Highway Design	State Highway Design	4	Highway
3.04	Processed Aggregate Base	Highway Design	State Highway Design	1	Highway
3.05	Processed Aggregate	Highway Design	State Highway Design	1	Highway
4.01	Concrete Pavement	Highway Design	State Highway Design	4	Highway
4.03	Cold Reclaimed Asphalt Pavement	Highway Design	Engineering Services	1	Highway
4.06	Bituminous Concrete	Highway Design	Engineering Services	1	Highway
4.14	Bituminous Surface Treatment	Highway Design	Engineering Services	1	Highway
4.15	Pressure Relief Joint	Highway Design	Engineering Services	1	Highway
5.01	Structures - General Clauses	Bridge Design	State Bridge Design	4	Bridge
5.03	Removal of & Alterations to Existing Bridges	Bridge Design	State Bridge Design	4	Bridge
5.04	Railroad Protection	Construction	Specifications	4	Staff
5.06	Retaining Walls, Endwalls & Steps	Highway Design	State Highway Design & Engineering Services	4	Highway
5.07	Catch Basins, Manholes & Drop Inlets	Highway Design	State Highway Design	1	Highway
5.08	Shear Connectors	Bridge Design	State Bridge Design	2	Bridge
5.09	Welded Studs	Bridge Design	State Bridge Design	2	Bridge
5.13	Polyvinyl Chloride Plastic Pipe	Bridge Design	State Bridge Design	4	Bridge
5.14	Prestressed Concrete Members	Bridge Design	State Bridge Design	4	Bridge
5.21	Elastomeric Bearing Pads	Bridge Design	State Bridge Design	4	Bridge
5.22	Elastomeric Compression Seal	Bridge Design	State Bridge Design	4	Bridge
6.01	Concrete for Structures	Bridge Design	State Bridge Design	4	Bridge
6.02	Reinforcing Steel	Bridge Design	State Bridge Design	2	Bridge
6.03	Structural Steel	Bridge Design	State Bridge Design	2	Bridge
6.05	Masonry Facing	Bridge Design	State Bridge Design	4	Bridge
6.06	Cement Rubble Masonry	Highway Design	State Highway Design	4	Highway

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Specification-Working Group Assignments
Listed by Specification Section

SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
6.07	Dry Rubble Masonry	Highway Design	State Highway Design	4	Highway
6.09	Repointed Masonry	Bridge Design	State Bridge Design	4	Bridge
6.11	Shotcrete	Bridge Design	State Bridge Design	4	Bridge
6.12	Concrete Cylinder Curing Box	Construction	Specifications	4	Staff
6.51	Culverts	Highway Design	State Highway Design	1	Highway
6.52	Culvert Ends	Highway Design	State Highway Design	1	Highway
6.53	Clean Existing Drainage System	Highway Design	State Highway Design	1	Highway
7.01	Drilled Shafts	Highway Design	Engineering Services	2	Highway
7.02	Piles	Highway Design	Engineering Services	2	Highway
7.03	Riprap	Highway Design	State Highway Design	1	Highway
7.04	Gabions	Highway Design	State Highway Design	1	Highway
7.05	Slope Paving	Bridge Design	State Bridge Design	4	Bridge
7.06	Micropiles	Highway Design	Engineering Services	2	Bridge
7.07	Membrane Waterproofing (Woven Glass Fabric)	Bridge Design	State Bridge Design	4	Bridge
7.08	Damp-proofing	Bridge Design	State Bridge Design	4	Bridge
7.13	Permanent Steel Sheet Piling	Bridge Design	State Bridge Design	2	Bridge
7.14	Temporary Sheet Piling	Bridge Design	State Bridge Design	2	Bridge
7.15	Sheet Piling Material Left in Place	Bridge Design	State Bridge Design	2	Bridge
7.25	Bagged Stone	Bridge Design	State Bridge Design	1	Bridge
7.28	Crushed Stone for Slope Protection	Highway Design	Engineering Services	1	Highway
7.32	Concrete Block Slope Protection	Bridge Design	State Bridge Design	1	Bridge
7.51	Underdrain and Outlets	Highway Design	State Highway Design	1	Highway
7.55	Geotextile	Highway Design	Engineering Services	1	Highway
8.03	Paved Ditches and Channels	Highway Design	State Highway Design	1	Highway
8.11	Concrete Curbing	Highway Design	State Highway Design	4	Highway
8.13	Stone Curbing	Highway Design	State Highway Design	1	Highway
8.14	Reset Stone Curbing	Highway Design	State Highway Design	1	Highway
8.15	Bituminous Concrete Curbing	Highway Design	State Highway Design	1	Highway
8.16	Granite Slope Curbing	Highway Design	State Highway Design	4	Highway

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Listed by Specification Section

SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
8.18	Protective Compound for Bridges	Bridge Design	State Bridge Design	4	Bridge
8.21	Precast Concrete Barrier Curb	Highway Design	Engineering Services	4	Highway
8.22	Temporary Precast Concrete Barrier Curb	Highway Design	Engineering Services	4	Highway
9.04	Metal Bridge Rail	Bridge Design	State Bridge Design	4	Bridge
9.05	Stone Wall Fence	Highway Design	State Highway Design	1	Highway
9.06	Wire Fence	Highway Design	State Highway Design	2	Highway
9.07	Barways	Highway Design	State Highway Design	2	Highway
9.08	Farm Wall Fence	Highway Design	State Highway Design	1	Highway
9.10	Metal Beam Rail	Highway Design	Engineering Services	2	Highway
9.11	Metal Beam Rail Anchorages	Highway Design	Engineering Services	2	Highway
9.12	Remove and Reset Posts, Rail & Rail Anchorages	Highway Design	Engineering Services	2	Highway
9.13	Chain Link Fence	Highway Design	State Highway Design	2	Highway
9.14	Metal Handrail	Highway Design	State Highway Design	2	Highway
9.15	Tree Root Protection	Highway Design	State Highway Design	1	Landscape
9.16	Noise Barrier Wall	Highway Design	State Highway Design	4	Highway
9.18	Three-Cable Guide Railing (I-Beam Posts) & Anchorages	Highway Design	Engineering Services	2	Highway
9.21	Concrete Sidewalks	Highway Design	Engineering Services	4	Highway
9.22	Bituminous Concrete Sidewalk, Bituminous Concrete Driveway	Highway Design	Engineering Services	1	Highway
9.23	Bituminous Concrete for Patching	Highway Design	Engineering Services	1	Highway
9.24	Concrete Driveway Ramps	Highway Design	Engineering Services	4	Highway
9.25	Pavement for Railing	Highway Design	Engineering Services	1	Highway
9.30	Object Marker	Traffic	Traffic Project Design	3	Highway
9.39	Sweeping for Dust Control	Construction	Specifications	4	Highway
9.41	Service Bridges	Construction	Specifications	4	Highway
9.42	Calcium Chloride for Dust Control	Construction	Specifications	4	Highway
9.43	Water for Dust Control	Construction	Specifications	4	Highway
9.44	Topsoil	Highway Design	State Highway Design	1	Landscape

Directive 2015-3-EC, Attachment A
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Listed by Specification Section

SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
9.45	Wildflower Establishment	Highway Design	State Highway Design	1	Landscape
9.46	Liming	Highway Design	State Highway Design	1	Landscape
9.47	Bus Passenger Shelter	Facilities and Transit	Facilities and Transit	4	Staff
9.49	Furnishing, Planting & Mulching Trees, Shrubs, Vines & Ground Cover Plants	Highway Design	State Highway Design	1	Landscape
9.50	Turf Establishment	Highway Design	State Highway Design	1	Landscape
9.51	Rock Excavation for Planting	Highway Design	State Highway Design	1	Landscape
9.52	Selective Clearing & Thinning	Highway Design	State Highway Design	1	Landscape
9.53	Sodding	Highway Design	State Highway Design	1	Landscape
9.70	Trafficperson	Construction	Specifications	3	Highway Ops
9.71	Maintenance & Protection of Traffic	Traffic	Traffic Project Design	3	Highway Ops
9.73	Safety Patrol Service	Construction	Specifications	3	Highway Ops
9.74	Removal of Existing Masonry	Highway Design	State Highway Design	4	Highway
9.75	Mobilization and Project Closeout	Construction	Specifications	3	Staff
9.76	Barricade Warning Lights	Traffic	Traffic Project Design	3	Signs & Markings
9.77	Traffic Cone	Traffic	Traffic Project Design	3	Signs & Markings
9.78	Traffic Drum	Traffic	Traffic Project Design	3	Signs & Markings
9.79	Construction Barricades	Traffic	Traffic Project Design	3	Signs & Markings
9.80	Construction Staking	Construction	Specifications	4	Highway
9.81	42 Inch (1 Meter) Traffic Cone	Traffic	Traffic Project Design	3	Signs & Markings
9.99	Disposal of Buildings	Highway Design	State Highway Design	4	Highway
10.00	General Clauses for Highway Illumination & Traffic Signal Projects	Traffic & Facilities	Traffic Project Design, Facilities Illumination	3	Highway Ops
10.01	Trenching & Backfilling	Traffic, Facilities & Maintenance	Traffic Project Design, Facilities Illumination & Highway Operations	3	Highway Ops
10.02	Light Standard & Traffic Control Foundations	Traffic, Facilities & Maintenance	Traffic Project Design, Facilities Illumination & Highway Operations	3	Highway Ops
10.03	Light Standards	Facilities & Transit	Facilities Illumination	3	Highway Ops

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SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
10.04	Roadway Luminaire	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.06	Underbridge Luminaire	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.08	Electrical Conduit	Traffic, Facilities & Maintenance	Traffic Project Design, Facilities Illumination & Highway Operations	3	Highway Ops
10.09	Cast Iron Junction Box	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.10	Concrete Handhole	Traffic, Facilities & Maintenance	Traffic Project Design, Facilities Illumination & Highway Operations	3	Highway Ops
10.11	4-Inch (102-Millimeter) Drain Pipe	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.12	Single Conductor	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.14	Cable In Duct	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.15	Grounding Conductor	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.17	Service Entrance & Cabinet	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.18	Navigation Light	Facilities & Transit	Facilities Illumination	3	Bridge
11.01	Pole Anchor	Traffic	Traffic Project Design	3	Highway Ops
11.02	Pedestals	Traffic	Traffic Project Design	3	Highway Ops
11.03	Span Pole	Traffic & Maintenance	Traffic Project Design & Highway Operations	3	Highway Ops
11.05	Traffic Signals	Traffic	Traffic Project Design	3	Highway Ops
11.06	Pedestrian Signal	Traffic	Traffic Project Design	3	Highway Ops
11.07	Pedestrian Push Button	Traffic	Traffic Project Design	3	Highway Ops
11.08	Controllers	Traffic, Facilities & Maintenance	Traffic Project Design, Facilities Illumination & Highway Operations	3	Highway Ops
11.11	Loop Vehicle Detector & Sawcut	Traffic & Facilities	Traffic Project Design, Facilities Illumination	3	Highway Ops
11.12	Magnetic Vehicle Detector	Traffic	Traffic Project Design	3	Highway Ops
11.13	Control Cable	Traffic & Facilities	Traffic Project Design, Facilities Illumination	3	Highway Ops

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SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
11.14	Messenger & Span Wire	Traffic	Traffic Project Design	3	Highway Ops
11.16	Illuminated Signs	Traffic	Traffic Project Design	3	Highway Ops
11.17	Alternate Flashing Signals for Warning Signs	Traffic	Traffic Project Design	3	Highway Ops
11.18	Removal and/or Relocation of Traffic Signal Equipment	Traffic	Traffic Project Design	3	Highway Ops
11.30	High Mounted Internally Illuminated Flashing Arrow	Traffic	Traffic Project Design	3	Highway Ops
11.30	Changeable Message Sign, Remote Controlled Changeable Message Sign	Traffic	Traffic Project Design	3	Highway Ops
12.00	General Clauses for Highway Signing-	Traffic	Traffic Project Design	3	Signs & Markings, Highway Ops
12.01	Overhead Sign Support	Bridge Design	State Bridge Design	3	Bridge, Highway Ops
12.02	Overhead Sign Support Foundation	Bridge Design	State Bridge Design	3	Bridge, Highway Ops
12.03	Side Mounted Sign Foundation	Bridge Design	State Bridge Design	3	Signs & Markings
12.04	Sign Panel Overlay	Traffic	Traffic Project Design	3	Signs & Markings
12.05	Delineators	Traffic	Traffic Project Design	3	Signs & Markings
12.06	Removal of Existing Signing, Removal of Existing Overhead Signing	Traffic	Traffic Project Design	3	Signs & Markings, Bridge
12.07	Sign Face - Extruded Aluminum (Type III Reflective Sheeting)	Traffic	Traffic Project Design	3	Signs & Markings
12.08	Sign Face - Sheet Aluminum	Traffic	Traffic Project Design	3	Signs & Markings
12.09	Painted Pavement Markings	Traffic	Traffic Project Design	2	Signs & Markings
12.10	Epoxy Resin Pavement Markings, Symbols & Legends	Traffic	Traffic Project Design	2	Signs & Markings
12.11	Removal of Pavement Markings	Traffic	Traffic Project Design	2	Signs & Markings

Directive 2015-3-EC, Attachment A
Specification-Working Group Assignments
Listed by Specification Section

SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
12.12	Temporary Plastic Pavement Marking Tape	Traffic	Traffic Project Design	2	Signs & Markings
12.14	Preformed Black Line Mask Pavement Marking Tape	Traffic	Traffic Project Design	2	Signs & Markings
12.16	Black Epoxy Resin Pavement Markings, Black Epoxy Resin Symbols and Legends	Traffic	Traffic Project Design	2	Signs & Markings
12.20	Construction Signs - Encapsulated Lens Type III Reflective Sheeting	Traffic	Traffic Project Design	3	Signs & Markings
13.00	Utilities	Facilities & Transit	Utilities		
14.00	Vacant	Facilities & Transit	Utilities		
15.00	Vacant	Facilities & Transit	Utilities		
16.00	Vacant	Facilities & Transit	Utilities		
18.00	General Clauses - Impact Attenuation Systems	Highway Design	Engineering Services	2	Highway
18.02	Type A - Impact Attenuation System	Highway Design	Engineering Services	2	Highway
18.04	Type C and NC - Impact Attenuation Systems	Highway Design	Engineering Services	2	Highway
18.06	Type D Portable Impact Attenuation System	Construction	Specifications	2	Safety
18.07	Temporary Impact Attenuation Systems	Highway Design	Engineering Services	2	Highway
DIVISION III					
M.01	Gradation of Aggregate	Construction	Div Materials Testing	1	Highway
M.02	Granular Fill, Subbase, Granular Base & Surfaces, Stone Base, Pervious Structure Backfill, Free-Draining Material, Crusher-Run Stone	Construction	Div Materials Testing	1	Highway, Bridge
M.03	Portland Cement Concrete	Construction	Div Materials Testing	3	Bridge
M.04	Bituminous Concrete Materials	Construction	Div Materials Testing	1	Highway
M.05	Processed Aggregate Base and Pavement Surface Treatment	Construction	Div Materials Testing	1	Highway
M.06	Metals	Construction	Div Materials Testing	2	Bridge

Directive 2015-3-EC, Attachment A
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Listed by Specification Section

SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
M.07	Paint	Construction	Div Materials Testing	2	Bridge
M.08	Drainage	Construction	Div Materials Testing	1	Highway, Special Svcs
M.09	Sheet Piling & Piles	Construction	Div Materials Testing	2	Bridge
M.10	Railing and Fence	Construction	Div Materials Testing	2	Highway
M.11	Masonry Facing, Cement & Dry Rubble Masonry, Brick, Mortar	Construction	Div Materials Testing	3	Highway
M.12 -	Riprap, Slope Paving & Slope Protection, Stone & Granite Slope Curbing	Construction	Div Materials Testing	1	Highway
M.12 -	Bearing Areas, Waterproofing & Dampproofing, Calcium Chloride for Dust Control, Wood	Construction		3	Bridge
M.13	Roadside Development	Construction	Div Materials Testing	1	Landscape
M.14	Prestressed Concrete Members	Construction	Div Materials Testing	3	Bridge
M.15	Highway Illumination	Construction	Div Materials Testing	4	Highway Ops
M.16	Traffic Control Signals	Construction	Div Materials Testing	4	Highway Ops
M.17	Elastomeric Materials	Construction	Div Materials Testing	3	Bridge
M.18	Signing	Construction	Div Materials Testing	4	Signs & Markings
Misc.	Table of Contents	Construction	Specifications		Staff
Misc.	List of Standard Pay Items	Construction	Specifications		Staff

Directive 2015-3-EC, Attachment B
Specification-Working Group Assignments
Listed by Working Group

SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
2.14	Compacted Granular Fill	Bridge Design	State Bridge Design	1	Bridge
2.16	Pervious Structure Backfill	Bridge Design	State Bridge Design	1	Bridge
7.25	Bagged Stone	Bridge Design	State Bridge Design	1	Bridge
7.32	Concrete Block Slope Protection	Bridge Design	State Bridge Design	1	Bridge
2.04	Cofferdam and Dewatering	Bridge Design	State Bridge Design	2	Bridge
5.08	Shear Connectors	Bridge Design	State Bridge Design	2	Bridge
5.09	Welded Studs	Bridge Design	State Bridge Design	2	Bridge
6.02	Reinforcing Steel	Bridge Design	State Bridge Design	2	Bridge
6.03	Structural Steel	Bridge Design	State Bridge Design	2	Bridge
7.13	Permanent Steel Sheet Piling	Bridge Design	State Bridge Design	2	Bridge
7.14	Temporary Sheet Piling	Bridge Design	State Bridge Design	2	Bridge
7.15	Sheet Piling Material Left in Place	Bridge Design	State Bridge Design	2	Bridge
12.01	Overhead Sign Support	Bridge Design	State Bridge Design	3	Bridge, Highway Ops
12.02	Overhead Sign Support Foundation	Bridge Design	State Bridge Design	3	Bridge, Highway Ops
12.03	Side Mounted Sign Foundation	Bridge Design	State Bridge Design	3	Signs & Markings
2.03	Structure Excavation	Bridge Design	State Bridge Design	4	Bridge
5.01	Structures - General Clauses	Bridge Design	State Bridge Design	4	Bridge
5.03	Removal of & Alterations to Existing Bridges	Bridge Design	State Bridge Design	4	Bridge
5.13	Polyvinyl Chloride Plastic Pipe	Bridge Design	State Bridge Design	4	Bridge
5.14	Prestressed Concrete Members	Bridge Design	State Bridge Design	4	Bridge
5.21	Elastomeric Bearing Pads	Bridge Design	State Bridge Design	4	Bridge
5.22	Elastomeric Compression Seal	Bridge Design	State Bridge Design	4	Bridge
6.01	Concrete for Structures	Bridge Design	State Bridge Design	4	Bridge
6.05	Masonry Facing	Bridge Design	State Bridge Design	4	Bridge
6.09	Repointed Masonry	Bridge Design	State Bridge Design	4	Bridge
6.11	Shotcrete	Bridge Design	State Bridge Design	4	Bridge

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7.05	Slope Paving	Bridge Design	State Bridge Design	4	Bridge
7.07	Membrane Waterproofing (Woven Glass Fabric)	Bridge Design	State Bridge Design	4	Bridge
7.08	Damp-proofing	Bridge Design	State Bridge Design	4	Bridge
8.18	Protective Compound for Bridges	Bridge Design	State Bridge Design	4	Bridge
9.04	Metal Bridge Rail	Bridge Design	State Bridge Design	4	Bridge
M.01	Gradation of Aggregate	Construction	Div Materials Testing	1	Highway
M.04	Bituminous Concrete Materials	Construction	Div Materials Testing	1	Highway
M.05	Processed Aggregate Base and Pavement Surface Treatment	Construction	Div Materials Testing	1	Highway
M.12 -	Riprap, Slope Paving & Slope Protection, Stone & Granite Slope Curbing	Construction	Div Materials Testing	1	Highway
M.02	Granular Fill, Subbase, Granular Base & Surfaces, Stone Base, Pervious Structure Backfill, Free-Draining Material, Crusher-Run Stone	Construction	Div Materials Testing	1	Highway, Bridge
M.08	Drainage	Construction	Div Materials Testing	1	Highway, Special Svcs
M.13	Roadside Development	Construction	Div Materials Testing	1	Landscape
M.06	Metals	Construction	Div Materials Testing	2	Bridge
M.07	Paint	Construction	Div Materials Testing	2	Bridge
M.09	Sheet Piling & Piles	Construction	Div Materials Testing	2	Bridge
M.10	Railing and Fence	Construction	Div Materials Testing	2	Highway
1.06	Control of Materials	Construction	Div Materials Testing	2	Staff
M.03	Portland Cement Concrete	Construction	Div Materials Testing	3	Bridge
M.14	Prestressed Concrete Members	Construction	Div Materials Testing	3	Bridge
M.17	Elastomeric Materials	Construction	Div Materials Testing	3	Bridge

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M.11	Masonry Facing, Cement & Dry Rubble Masonry, Brick, Mortar	Construction	Div Materials Testing	3	Highway
M.15	Highway Illumination	Construction	Div Materials Testing	4	Highway Ops
M.16	Traffic Control Signals	Construction	Div Materials Testing	4	Highway Ops
M.18	Signing	Construction	Div Materials Testing	4	Signs & Markings
18.06	Type D Portable Impact Attenuation System	Construction	Specifications	2	Safety
1.04	Scope of Work	Construction	Specifications	2	Staff
1.05	Control of the Work	Construction	Specifications	2	Staff
1.07	Legal Relations & Responsibilities	Construction	Specifications	2	Staff
1.08	Prosecution and Progress	Construction	Specifications	2	Staff
1.09	Measurement & Payment	Construction	Specifications	2	Staff
1.11	Claims	Construction	Specifications	2	Staff
9.70	Trafficperson	Construction	Specifications	3	Highway Ops
9.73	Safety Patrol Service	Construction	Specifications	3	Highway Ops
9.75	Mobilization and Project Closeout	Construction	Specifications	3	Staff
9.39	Sweeping for Dust Control	Construction	Specifications	4	Highway
9.41	Service Bridges	Construction	Specifications	4	Highway
9.42	Calcium Chloride for Dust Control	Construction	Specifications	4	Highway
9.43	Water for Dust Control	Construction	Specifications	4	Highway
9.80	Construction Staking	Construction	Specifications	4	Highway
5.04	Railroad Protection	Construction	Specifications	4	Staff
6.12	Concrete Cylinder Curing Box	Construction	Specifications	4	Staff
Misc.	Table of Contents	Construction	Specifications		Staff
Misc.	List of Standard Pay Items	Construction	Specifications		Staff
M.12 -	Bearing Areas, Waterproofing & Dampproofing, Calcium Chloride for Dust Control, Wood	Construction		3	Bridge

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SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
1.20	General Clauses for Facilities Construction	Facilities & Transit	Facilities Design	2	Staff
10.18	Navigation Light	Facilities & Transit	Facilities Illumination	3	Bridge
10.03	Light Standards	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.04	Roadway Luminaire	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.06	Underbridge Luminaire	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.09	Cast Iron Junction Box	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.11	4-Inch (102-Millimeter) Drain Pipe	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.12	Single Conductor	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.14	Cable In Duct	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.15	Grounding Conductor	Facilities & Transit	Facilities Illumination	3	Highway Ops
10.17	Service Entrance & Cabinet	Facilities & Transit	Facilities Illumination	3	Highway Ops
13.00	Utilities	Facilities & Transit	Utilities		
14.00	Vacant	Facilities & Transit	Utilities		
15.00	Vacant	Facilities & Transit	Utilities		
16.00	Vacant	Facilities & Transit	Utilities		
1.01	Definition of Terms & Permissible Abbreviations	Facilities and Transit	Contract Development	2	Staff
1.02	Proposal Requirements & Conditions	Facilities and Transit	Contract Development	2	Staff
1.03	Award & Execution of Contract	Facilities and Transit	Contract Development	2	Staff
9.47	Bus Passenger Shelter	Facilities and Transit	Facilities and Transit	4	Staff
4.03	Cold Reclaimed Asphalt Pavement	Highway Design	Engineering Services	1	Highway
4.06	Bituminous Concrete	Highway Design	Engineering Services	1	Highway
4.14	Bituminous Surface Treatment	Highway Design	Engineering Services	1	Highway
4.15	Pressure Relief Joint	Highway Design	Engineering Services	1	Highway
7.28	Crushed Stone for Slope Protection	Highway Design	Engineering Services	1	Highway
7.55	Geotextile	Highway Design	Engineering Services	1	Highway
9.22	Bituminous Concrete Sidewalk, Bituminous Concrete Driveway	Highway Design	Engineering Services	1	Highway
9.23	Bituminous Concrete for Patching	Highway Design	Engineering Services	1	Highway

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SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
9.25	Pavement for Railing	Highway Design	Engineering Services	1	Highway
7.06	Micropiles	Highway Design	Engineering Services	2	Bridge
7.01	Drilled Shafts	Highway Design	Engineering Services	2	Highway
7.02	Piles	Highway Design	Engineering Services	2	Highway
9.10	Metal Beam Rail	Highway Design	Engineering Services	2	Highway
9.11	Metal Beam Rail Anchorages	Highway Design	Engineering Services	2	Highway
9.12	Remove and Reset Posts, Rail & Rail Anchorages	Highway Design	Engineering Services	2	Highway
9.18	Three-Cable Guide Railing (I-Beam Posts) & Anchorages	Highway Design	Engineering Services	2	Highway
18.00	General Clauses - Impact Attenuation Systems	Highway Design	Engineering Services	2	Highway
18.02	Type A - Impact Attenuation System	Highway Design	Engineering Services	2	Highway
18.04	Type C and NC - Impact Attenuation Systems	Highway Design	Engineering Services	2	Highway
18.07	Temporary Impact Attenuation Systems	Highway Design	Engineering Services	2	Highway
8.21	Precast Concrete Barrier Curb	Highway Design	Engineering Services	4	Highway
8.22	Temporary Precast Concrete Barrier Curb	Highway Design	Engineering Services	4	Highway
9.21	Concrete Sidewalks	Highway Design	Engineering Services	4	Highway
9.24	Concrete Driveway Ramps	Highway Design	Engineering Services	4	Highway
2.02	Roadway Excavation, Formation of Embankment & Disposal of Surplus Material	Highway Design	State Highway Design	1	Highway
2.05	Trench Excavation	Highway Design	State Highway Design	1	Highway
2.06	Ditch Excavation	Highway Design	State Highway Design	1	Highway
2.07	Borrow	Highway Design	State Highway Design	1	Highway
2.08	Free-Draining Material	Highway Design	State Highway Design	1	Highway
2.09	Subgrade	Highway Design	State Highway Design	1	Highway
2.12	Subbase	Highway Design	State Highway Design	1	Highway

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SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
2.13	Granular Fill	Highway Design	State Highway Design	1	Highway
3.02	Rolled Granular Base	Highway Design	State Highway Design	1	Highway
3.04	Processed Aggregate Base	Highway Design	State Highway Design	1	Highway
3.05	Processed Aggregate	Highway Design	State Highway Design	1	Highway
5.07	Catch Basins, Manholes & Drop Inlets	Highway Design	State Highway Design	1	Highway
6.51	Culverts	Highway Design	State Highway Design	1	Highway
6.52	Culvert Ends	Highway Design	State Highway Design	1	Highway
6.53	Clean Existing Drainage System	Highway Design	State Highway Design	1	Highway
7.03	Riprap	Highway Design	State Highway Design	1	Highway
7.04	Gabions	Highway Design	State Highway Design	1	Highway
7.51	Underdrain and Outlets	Highway Design	State Highway Design	1	Highway
8.03	Paved Ditches and Channels	Highway Design	State Highway Design	1	Highway
8.13	Stone Curbing	Highway Design	State Highway Design	1	Highway
8.14	Reset Stone Curbing	Highway Design	State Highway Design	1	Highway
8.15	Bituminous Concrete Curbing	Highway Design	State Highway Design	1	Highway
9.05	Stone Wall Fence	Highway Design	State Highway Design	1	Highway
9.08	Farm Wall Fence	Highway Design	State Highway Design	1	Highway
9.15	Tree Root Protection	Highway Design	State Highway Design	1	Landscape
9.44	Topsoil	Highway Design	State Highway Design	1	Landscape
9.45	Wildflower Establishment	Highway Design	State Highway Design	1	Landscape
9.46	Liming	Highway Design	State Highway Design	1	Landscape
9.49	Furnishing, Planting & Mulching Trees, Shrubs, Vines & Ground Cover Plants	Highway Design	State Highway Design	1	Landscape
9.50	Turf Establishment	Highway Design	State Highway Design	1	Landscape
9.51	Rock Excavation for Planting	Highway Design	State Highway Design	1	Landscape
9.52	Selective Clearing & Thinning	Highway Design	State Highway Design	1	Landscape
9.53	Sodding	Highway Design	State Highway Design	1	Landscape
9.06	Wire Fence	Highway Design	State Highway Design	2	Highway

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SECTION	SECTION NAME	Working Group Representation			
		DIVISION	UNIT/SECTION	DISTRICT	MAINT UNIT
9.07	Barways	Highway Design	State Highway Design	2	Highway
9.13	Chain Link Fence	Highway Design	State Highway Design	2	Highway
9.14	Metal Handrail	Highway Design	State Highway Design	2	Highway
2.01	Clearing & Grubbing	Highway Design	State Highway Design	4	Highway
3.03	Concrete Base	Highway Design	State Highway Design	4	Highway
4.01	Concrete Pavement	Highway Design	State Highway Design	4	Highway
6.06	Cement Rubble Masonry	Highway Design	State Highway Design	4	Highway
6.07	Dry Rubble Masonry	Highway Design	State Highway Design	4	Highway
8.11	Concrete Curbing	Highway Design	State Highway Design	4	Highway
8.16	Granite Slope Curbing	Highway Design	State Highway Design	4	Highway
9.16	Noise Barrier Wall	Highway Design	State Highway Design	4	Highway
9.74	Removal of Existing Masonry	Highway Design	State Highway Design	4	Highway
9.99	Disposal of Buildings	Highway Design	State Highway Design	4	Highway
5.06	Retaining Walls, Endwalls & Steps	Highway Design	State Highway Design & Engineering Services	4	Highway
2.10	Water Pollution Control (Soil Erosion)	Policy and Planning	Environmental Planning	1	Highway
2.18	Sedimentation Control Bales	Policy and Planning	Environmental Planning	1	Highway
2.19	Sedimentation Control System	Policy and Planning	Environmental Planning	1	Highway
1.10	Environmental Compliance	Policy and Planning	Environmental Planning	2	Staff
12.09	Painted Pavement Markings	Traffic	Traffic Project Design	2	Signs & Markings
12.10	Epoxy Resin Pavement Markings, Symbols & Legends	Traffic	Traffic Project Design	2	Signs & Markings
12.11	Removal of Pavement Markings	Traffic	Traffic Project Design	2	Signs & Markings
12.12	Temporary Plastic Pavement Marking Tape	Traffic	Traffic Project Design	2	Signs & Markings
12.14	Preformed Black Line Mask Pavement Marking Tape	Traffic	Traffic Project Design	2	Signs & Markings
12.16	Black Epoxy Resin Pavement Markings, Black Epoxy Resin Symbols and Legends	Traffic	Traffic Project Design	2	Signs & Markings

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9.30	Object Marker	Traffic	Traffic Project Design	3	Highway
9.71	Maintenance & Protection of Traffic	Traffic	Traffic Project Design	3	Highway Ops
11.01	Pole Anchor	Traffic	Traffic Project Design	3	Highway Ops
11.02	Pedestals	Traffic	Traffic Project Design	3	Highway Ops
11.05	Traffic Signals	Traffic	Traffic Project Design	3	Highway Ops
11.06	Pedestrian Signal	Traffic	Traffic Project Design	3	Highway Ops
11.07	Pedestrian Push Button	Traffic	Traffic Project Design	3	Highway Ops
11.12	Magnetic Vehicle Detector	Traffic	Traffic Project Design	3	Highway Ops
11.14	Messenger & Span Wire	Traffic	Traffic Project Design	3	Highway Ops
11.16	Illuminated Signs	Traffic	Traffic Project Design	3	Highway Ops
11.17	Alternate Flashing Signals for Warning Signs	Traffic	Traffic Project Design	3	Highway Ops
11.18	Removal and/or Relocation of Traffic Signal Equipment	Traffic	Traffic Project Design	3	Highway Ops
11.30	High Mounted Internally Illuminated Flashing Arrow	Traffic	Traffic Project Design	3	Highway Ops
11.30	Changeable Message Sign, Remote	Traffic	Traffic Project Design	3	Highway Ops
9.76	Barricade Warning Lights	Traffic	Traffic Project Design	3	Signs & Markings
9.77	Traffic Cone	Traffic	Traffic Project Design	3	Signs & Markings
9.78	Traffic Drum	Traffic	Traffic Project Design	3	Signs & Markings
9.79	Construction Barricades	Traffic	Traffic Project Design	3	Signs & Markings
9.81	42 Inch (1 Meter) Traffic Cone	Traffic	Traffic Project Design	3	Signs & Markings
12.04	Sign Panel Overlay	Traffic	Traffic Project Design	3	Signs & Markings
12.05	Delineators	Traffic	Traffic Project Design	3	Signs & Markings
12.07	Sign Face - Extruded Aluminum (Type III Reflective Sheeting)	Traffic	Traffic Project Design	3	Signs & Markings
12.08	Sign Face - Sheet Aluminum	Traffic	Traffic Project Design	3	Signs & Markings

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12.20	Construction Signs - Encapsulated Lens Type III Reflective Sheeting	Traffic	Traffic Project Design	3	Signs & Markings
12.06	Removal of Existing Signing, Removal of Existing Overhead Signing	Traffic	Traffic Project Design	3	Signs & Markings, Bridge
12.00	General Clauses for Highway Signing-	Traffic	Traffic Project Design	3	Signs & Markings, Highway Ops
10.00	General Clauses for Highway Illumination & Traffic Signal Projects	Traffic & Facilities	Traffic Project Design, Facilities Illumination	3	Highway Ops
11.11	Loop Vehicle Detector & Sawcut	Traffic & Facilities	Traffic Project Design, Facilities Illumination	3	Highway Ops
11.13	Control Cable	Traffic & Facilities	Traffic Project Design, Facilities Illumination	3	Highway Ops
11.03	Span Pole	Traffic & Maintenance	Traffic Project Design & Highway Operations	3	Highway Ops
10.01	Trenching & Backfilling	Traffic, Facilities & Maintenance	Traffic Project Design, Facilities Illumination & Highway Operations	3	Highway Ops
10.02	Light Standard & Traffic Control Foundations	Traffic, Facilities & Maintenance	Traffic Project Design, Facilities Illumination & Highway Operations	3	Highway Ops
10.08	Electrical Conduit	Traffic, Facilities & Maintenance	Traffic Project Design, Facilities Illumination &	3	Highway Ops
10.10	Concrete Handhole	Traffic, Facilities & Maintenance	Traffic Project Design, Facilities Illumination & Highway Operations	3	Highway Ops
11.08	Controllers	Traffic, Facilities & Maintenance	Traffic Project Design, Facilities Illumination & Highway Operations	3	Highway Ops