

Items Referenced in the 2014 Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges



Rev. 01/23/24

Item	Title	Items, Articles, and Sections Referenced
1	Abbreviations and Definitions	None
2	Instructions to Bidders	None
3	Award and Execution of Contract	None
4	Scope of Work	None
5	Control of the Work	None
6	Control of Materials	None
7	Legal Relations and Responsibilities	None
8	Prosecution and Progress	None
9	Measurement and Payment	None
100	Preparing Right of Way	103
103	Disposal of Wells	100
104	Removing Concrete	None
105	Removing Treated and Untreated Base and Asphalt Pavement	None
106	Obliterating Abandoned Road	None
110	Excavation	132
112	Subgrade Widening	110, 132, 204
132	Embankment	100, 160, 204, 210, 216, 260, 400
134	Backfilling Pavement Edges	162, 166, 168, 300, 314, 3096
150	Blading	None
152	Road Grader Work	110, 132, 150, 154, 156
154	Scraper Work	132, 150, 152
156	Bulldozer Work	132
158	Specialized Excavation Work	132
160	Topsoil	168
161	Compost	160
162	Sodding for Erosion Control	166, 168
164	Seeding for Erosion Control	162, 166, 168
166	Fertilizer	520
168	Vegetative Watering	None
169	Soil Retention Blankets	None
170	Irrigation System	402, 403, 618, 620, 622, 624, 628
180	Wildflower Seeding	None
192	Landscape Planting	161, 166, 168
193	Landscape Establishment	166, 192
204	Sprinkling	None
210	Rolling	None
216	Proof Rolling	210
247	Flexible Base	105, 204, 210, 216, 520
251	Reworking Base Courses	204, 210, 216, 247, 520
260	Lime Treatment (Road-Mixed)	105, 132, 204, 210, 216, 247, 300, 310, 520, 3096
263	Lime Treatment (Plant-Mixed)	204, 210, 216, 247, 300, 310, 520, 3096
265	Fly Ash or Lime-Fly Ash Treatment (Road-Mixed)	204, 210, 216, 247, 300, 310, 520, 3096

275	Cement Treatment (Road-Mixed)	132, 204, 210, 216, 247, 300, 310, 520, 3096
276	Cement Treatment (Plant-Mixed)	204, 210, 216, 247, 300, 520, 3096
292	Asphalt Treatment (Plant-Mixed)	300, 301, 320, 520, 585, 3096
300	VOIDED - Asphalts, Oils, And Emulsions	None
301	Asphalt Antistripping Agents	520
302	Aggregates For Surface Treatments	300, 301, 3096
305	Salvaging, Hauling, And Stockpiling Reclaimable Asphalt Pavement	None
310	Prime Coat	300, 316, 3096
314	Emulsified Asphalt Treatment	204, 300, 3096
315	Fog Seal	204, 300, 316, 3096
316	Surface Treatments	210, 300, 302, 340, 520, 3096
318	Hot Asphalt-Rubber Surface Treatments	210, 300, 302, 340, 341, 520, 3076, 3096
320	Equipment for Asphalt Concrete Pavement	210, 504, 520
330	Limestone Rock Asphalt Pavement	300, 320, 520, 585, 3096
334	Hot-Mix Cold-Laid Asphalt Concrete Pavement	204, 300, 301, 320, 520, 585, 3096
340	VOIDED - Dense-Graded Hot-Mix Asphalt (Small Quantity)	None
341	VOIDED - Dense-Graded Hot-Mix Asphalt	None
342	VOIDED - Permeable Friction Course (PFC)	None
344	VOIDED - Superpave Mixtures	None
346	VOIDED - Stone-Matrix Asphalt	None
347	VOIDED - Thin Surface Mixtures (TSM)	None
348	VOIDED - Thin Bonded Friction Courses	None
350	Microsurfacing	300, 520, 3096
351	Flexible Pavement Structure Repair	132, 204, 247, 260, 263, 275, 276, 292, 310, 316, 330, 334, 340, 341, 3076
354	Planing and Texturing Pavement	None
356	Fabric Underseal	300, 316, 520, 3096
358	Asphalt Concrete Surface Rehabilitation	210, 300, 340, 341, 585, 3076, 3096
360	Concrete Pavement	421, 422, 438, 440, 529, 585
361	Repair of Concrete Pavement	360, 421, 440
400	Excavation and Backfill for Structures	110, 132, 401, 402, 403, 416, 420, 421, 423
401	Flowable Backfill	421
402	Trench Excavation Protection	None
403	Temporary Special Shoring	410, 411, 423
404	Driving Piling	405, 423
405	Foundation Load Test	404, 416
406	Timber Piling	404, 492
407	Steel Piling	404, 405, 441, 446, 448
409	Prestressed Concrete Piling	404, 405, 420, 421, 424, 425, 440
410	Soil Nail Anchors	421, 431, 440
411	Rock Nail Anchors	421, 431, 440
416	Drilled Shaft Foundations	405, 420, 421, 423, 440, 448
420	Concrete Substructures	400, 404, 421, 422, 426, 427, 440, 441, 448
421	Hydraulic Cement Concrete	360, 361, 416
422	Concrete Superstructures	420, 421, 424, 438, 440, 448, 454, 780
423	Retaining Walls	110, 132, 216, 400, 416, 420, 421, 424, 440, 445, 458, 556
424	Precast Concrete Structural Members (Fabrication)	420, 421, 425, 426, 440, 448
425	Precast Prestressed Concrete Structural Members	409, 420, 421, 424, 426, 427, 434, 440, 442, 445, 448
426	Post-Tensioning	420, 422, 424
427	Surface Finishes for Concrete	420

428	Penetrating Concrete Surface Treatment	427
429	Concrete Structure Repair	421, 431, 440, 780
431	Pneumatically Placed Concrete	420, 421, 429, 440
432	Riprap	247, 420, 421, 431, 440
434	Bridge Bearings	420, 441, 442, 445, 446, 449
438	Cleaning and Sealing Joints	None
439	Bridge Deck Overlays	420, 421, 429, 440, 483
440	Reinforcement for Concrete	448
441	Steel Structures	420, 442, 445, 446, 447, 448
442	Metal for Structures	441, 445, 446, 447, 448
445	Galvanizing	441
446	Field Cleaning and Painting Steel	441, 445
447	Structural Bolting	441, 442
448	Structural Field Welding	440, 441, 442
449	Anchor Bolts	445
450	Railing	420, 421, 422, 424, 440, 441, 442, 445, 446, 448, 540
451	Retrofit Railing	421, 429, 440, 442, 445, 446, 450, 540
454	Bridge Expansion Joints	429, 442, 785
458	Waterproofing Membranes for Structures	None
459	Gabions and Gabion Mattresses	None
460	Corrugated Metal Pipe	400, 402, 403, 445, 467, 476
461	Structural Plate Structures	400, 402, 403, 420, 421, 440, 442, 445, 447, 467
462	Concrete Box Culverts and Drains	400, 402, 403, 420, 421, 422, 424, 440, 464, 476
464	Reinforced Concrete Pipe	400, 402, 403, 467, 476
465	Junction Boxes, Manholes, and Inlets	400, 420, 421, 424, 440, 471
466	Headwalls and Wingwalls	400, 420, 421, 432, 440, 464
467	Safety End Treatment	400, 420, 421, 432, 440, 442, 445, 460, 464
471	Frames, Grates, Rings, and Covers	441, 445, 448, 465
472	Removing and Re-Laying Culvert	400, 402, 403, 460, 464, 476
474	Linear Drains	400, 420, 421, 440, 445, 460, 471
476	Jacking, Boring, or Tunneling Pipe or Box	402, 403, 460, 462, 464
479	Adjusting Manholes and Inlets	400, 421, 465, 471
480	Cleaning Existing Culverts	None
481	Pipe for Drains	400
483	Concrete Bridge Deck Surfacing	None
490	Timber Structures	445, 491, 492
491	Timber for Structures	406, 490, 492
492	Timber Preservative and Treatment	None
495	Raising Existing Structures	420, 421, 434, 442, 448
496	Removing Structures	None
497	Sale of Salvageable Material	None
499	Adjusting Steel Shoes	429, 442, 448
500	Mobilization	None
502	Barricades, Signs, and Traffic Handling	None
504	Field Office and Laboratory	None
506	Temporary Erosion, Sedimentation, and Environmental Controls	161, 432, 556
508	Constructing Detours	None
510	One-Way Traffic Control	502
512	Portable Traffic Barrier	420, 421, 424, 440, 442

514	Permanent Concrete Traffic Barrier	400, 416, 420, 421, 424, 440, 442, 448
520	Weighing and Measuring Equipment	None
528	Colored Textured Concrete and Landscape Pavers	132, 247, 275, 401, 420, 421, 440
529	Concrete Curb, Gutter, and Combined Curb and Gutter	360, 420, 421, 440
530	Intersections, Driveways, and Turnouts	247, 260, 263, 275, 276, 292, 316, 330, 334, 340, 341, 360, 421, 440, 3076
531	Sidewalks	104, 360, 420, 421, 440, 530
533	Milled Rumble Strips	None
536	Concrete Medians And Directional Islands	420, 421, 427, 440, 529
538	Right Of Way Markers	420, 421, 440
540	Metal Beam Guard Fence	421, 441, 445, 492, 529
542	Removing Metal Beam Guard Fence	None
543	Cable Barrier System	421, 658
544	Guardrail End Treatments	None
545	Crash Cushion Attenuators	421
550	Chain Link Fence	421, 445
552	Wire Fence	445, 492
556	Pipe Underdrains	402, 432
560	Mailbox Assemblies	None
585	Ride Quality for Pavement Surfaces	None
610	Roadway Illumination Assemblies	416, 421, 432, 441, 442, 445, 449, 614, 616, 618, 620, 622, 624, 628
613	High Mast Illumination Poles	416, 421, 432, 441, 442, 445, 449, 618
614	High Mast Illumination Assemblies	441, 442, 445, 613, 616, 620, 628
616	Performance Testing of Lighting Systems	618, 620, 622
617	Temporary Roadway Illumination	416, 610, 613, 614, 618, 620, 621, 622, 624, 627, 628
618	Conduit	400, 476
620	Electrical Conductors	610, 628
621	Tray Cable	620
622	Duct Cable	400, 620
624	Ground Boxes	302, 420, 421, 432, 440, 618, 620
625	Zinc-Coated Steel Wire Strand	None
627	Treated Timber Poles	None
628	Electrical Services	441, 445, 449, 618, 620, 627, 656
636	Signs	643
643	Sign Identification Decals	None
644	Small Roadside Sign Assemblies	421, 440, 441, 442, 445, 636, 643, 656
647	Large Roadside Sign Supports and Assemblies	416, 421, 440, 441, 442, 445, 636
650	Overhead Sign Supports	416, 420, 421, 441, 442, 445, 449, 618, 636, 654
654	Sign Walkways	441, 445
656	Foundations for Traffic Control Devices	400, 416, 420, 421, 432, 440, 441, 442, 445, 447, 449, 618
658	Delineator and Object Marker Assemblies	445
662	Work Zone Pavement Markings	666, 668, 672, 677
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668	Prefabricated Pavement Markings	678
672	Raised Pavement Markers	677, 678
677	Eliminating Existing Pavement Markings and Markers	300, 302, 316, 3096
678	Pavement Surface Preparation for Markings	677
680	Highway Traffic Signals	416, 610, 618, 620, 624, 625, 627, 628, 636, 656, 682, 684, 686, 688
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682	Vehicle and Pedestrian Signal Heads	None

684	Traffic Signal Cables	None
685	Roadside Flashing Beacon Assemblies	441, 442, 445, 449, 610, 620, 621, 624, 628, 656, 682, 684, 687
686	Traffic Signal Pole Assemblies (Steel)	416, 421, 441, 442, 445, 449
687	Pedestal Pole Assemblies	445, 449, 656, 682
688	Pedestrian Detectors and Vehicle Loop Detectors	618, 624, 682, 684
690	Maintenance of Traffic Signals	416, 421, 476, 610, 618, 620, 622, 624, 625, 627, 628, 636, 656, 680, 682, 684, 685, 686, 687, 688
700	Pothole Repair	300, 330, 334, 340, 341, 520, 3076, 3096
712	Cleaning and Sealing Joints and Cracks (Asphalt Concrete)	300, 340, 341, 3076, 3096
713	Cleaning and Sealing Joints and Cracks (Concrete Pavement)	None
720	Repair of Spalling in Concrete Pavement	429
721	Fiber Reinforced Polymer Patching Material	302
730	Roadside Mowing	None
731	Herbicide Treatment	None
734	Litter Removal	None
735	Debris Removal	734, 738
738	Cleaning and Sweeping Highways	None
740	Graffiti Removal and Anti-Graffiti Coating	427, 446
745	Picnic Area Maintenance	740
751	Landscape Maintenance	193, 730, 734, 745
752	Tree and Brush Removal	None
760	Cleaning and Reshaping Ditches	None
764	Pump Station and Drainage System Cleaning	None
770	Guard Fence Repair	421, 429, 441, 448, 540, 542, 544
771	Repair Cable Barrier System	421, 658
772	Post and Cable Fence	421
774	Attenuator Repair	448
776	Metal Rail Repair	429, 441, 445, 446, 448, 450
778	Concrete Rail Repair	429, 450, 776
780	Concrete Crack Repair	None
784	Steel Member Repair	421, 441, 442, 446, 448, 780
785	Bridge Joint Repair or Replacement	429, 438, 448, 449, 454
786	Carbon Fiber Reinforced Polymer (CFRP)	429
788	Concrete Beam Repair	424, 429, 441, 780, 786
789	Treatment for ASR-Affected Concrete	427, 428
3002	Spray Applied Underseal Membrane	320
3076	Dense-Graded Hot-Mix Asphalt	300, 301, 316, 320, 340, 341, 342, 347, 348, 520, 585, 3079, 3081, 3082, 3096
3077	Superpave Mixtures	300, 301, 316, 320, 342, 344, 347, 348, 520, 585, 3079, 3081, 3082, 3096
3079	Permeable Friction Course (PFC)	300, 301, 320, 342, 520, 585, 3096
3080	Stone-Mix Asphalt	300, 301, 320, 346, 520, 585, 3096
3081	Thin Overlay Mixtures (TOM)	300, 301, 320, 347, 520, 585, 3096
3082	Thin Bonded Friction Courses	210, 300, 301, 320, 342, 348, 520, 585, 3079, 3096
3084	Bonding Course	300, 3002, 3096
3085	Underseal Course	300, 302, 316, 3002, 3096
3096	Asphalts, Oils, and Emulsions	None