

DBT handout 2020 Spec Book Significant Changes - design only - from 02-14-20 email

	A	B	C	D
1				
2		Significant differences between the 2012 and 2020 editions of the Spec Book. (Design concerns only)		
3		Note: Section references are taken from the current 2020 draft.		
4		Section	Change Type	Description of Change
5		Division 1		
6		101.03	Schedule	Revised definition of "Progress Schedule". Schedule to be submitted to Engineer after award and prior to starting work (previously was to be submitted to Department before award).
7		104.02	Schedule	Schedule added for the Department review of Working Drawings (14 Calendar Days for initial review; 7 Calendar Days for subsequent reviews)
8		105.01	Miscellaneous	Additional revisions will be required due to Division 2 Impasse Decision (204.03.B).
9		107.24	Miscellaneous	Added requirements for Federal Aviation Administration notification for structure work
10		108.05	Miscellaneous	Changes to this section are still possible due to ongoing impasse discussions. Industry opposes proposed changes in which more projects would require a CPM schedule and in which the Progress/CPM Schedule is not considered part of the contract (among other objections)
11		Division 2		
12		205.03.Q; 205.04.K	Paymt Qtys/Methods	Added new pay item: Berm Grading - \$Sta
13		205.04.A	Paymt Qtys/Methods	Revisions made to methods for calculating earthwork volumes
14		Division 3		
15		305.04.A	Paymt Qtys/Methods	Pay for HMA Base Crushing and Shaping based on width of proposed HMA surface (previously on plan quantity)
16		Division 4		
17		Table 401-1; Table 402-1	Miscellaneous	Regarding culverts and sewers: Special design is need for fill heights less than 1ft and greater than 33ft (previously just for greater than 33ft). Impasse meeting decision.
18		401.04	Paymt Qtys/Methods	Added new pay item: Culv, Outlet Headwall, _ inch - \$Each
19		401.04	Unit of measurement change	Culv End Sect, Grate now measured in Each (was Pound previously)
20		406.03.A	Schedule	Design for precast 3-sided, arch, or box culverts must be submitted to Engineer for approval at least 14 days prior to fabrication (was 7 previously)
21		406.03.D.4	Miscellaneous	Language added regarding concrete mix design requirements
22		Division 5		
23		501	Paymt Qtys/Methods	Number of HMA mixes reduced
24		Table 501-4	Plan quantity determinations	Minimum application rate for LVSP Top and Leveling courses is 220 lb/syd (was 165 lb/syd previously) <b>*Isn't LVSP being removed?</b>

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25		501.04; 902	Paymt Qtys/Methods	Pay Item removed: HMA, LVSP - \$Ton [Note: LVSP mix is still included in table 501-4.]
26		502.04	Unit of measurement change	Changed "Overband Crack Fill, Roadbed" and "HMA Crack Treatment, Roadbed" from "..., Roadbed" to "..., Lane"
27		502.04	Unit of measurement change	Changed pay unit for overband crack fill and HMA crack treatment to Lane Mile (was Roadbed Mile previously)
28		503.03.D.3	Plan quantity determinations	Apply PPSS, Type C at a rate of 90 lb/syd (was 83 lb/syd previously)
29		504.04.E	Unit of measurement change	Pay item added: "Micro-Surface, Longitudinal - \$Ft"
30	Division 6			
31		602.03.F.5	Plan quantity determinations	Added language for a Intersection Joint Layout Plan to be submitted to the Engineer at least 7 days before concrete placement
32		602.04	Paymt Qtys/Methods	Added pay item: Conc Pavt, Bridge Approach, Reinf - \$Syd
33		602.04	Paymt Qtys/Methods	Added pay item: Conc Pavt, Bridge Approach, Reinf, High Performance - \$Syd
34		602.04	Paymt Qtys/Methods	Added pay item: Conc Pavt, Nonreinf, __ inch, High Performance - \$Syd
35		602.04	Paymt Qtys/Methods	Added pay item: Conc Pavt, Ovly, Furnishing and Placing, High Performance - \$Cyd
36		602.04	Paymt Qtys/Methods	Added pay item: Conc Pavt, Ovly, Finishing and Curing, High Performance - \$Syd
37		602.04	Paymt Qtys/Methods	Added pay item: Conc Pavt, Misc, Nonreinf, __ inch, High Performance - \$Syd
38		602.04	Paymt Qtys/Methods	Added pay item: Conc Pavt, Ovly, Misc, Furnishing and Placing, High Performance - \$Cyd
39		602.04	Paymt Qtys/Methods	Added pay item: Conc Pavt, Ovly, Misc, Finishing and Curing, High Performance - \$Syd
40		602.04	Paymt Qtys/Methods	Added pay item: Shoulder, Nonreinf Conc, High Performance - \$Syd
41		602.04	Paymt Qtys/Methods	Added pay item: Joint, Contraction, (type), Intersection - \$Ft
42		602.04	Paymt Qtys/Methods	Added pay item: Joint, Expansion, (type), Intersection - \$Ft
43		602.04	Paymt Qtys/Methods	Added pay item: Joint, Plane-of-Weakness, (type), Intersection - \$Ft
44		603.03.A.5; 603.04.G	Paymt Qtys/Methods	Added pay items: "Diamond Grooving Conc Pavt - \$Syd" and "Diamond Grinding and Grooving Conc Pavt - \$Syd"
45		603.04	Paymt Qtys/Methods	Removed pay items: "Sawing and Sealing Longit Pavt Joints - \$Ft" and "Sawing and Sealing Trans Pavt Joints - \$Ft". Cost to be included in other pay items
46	Division 7			
47		704.03.A	Plan quantity determinations	At cofferdam and steel sheet piling locations where the combined depth of retained water and/or soil is 6 ft or greater, the Working Drawings and design calculations must be prepared and sealed by a Michigan PE
48		704.03.A	Miscellaneous	For cofferdams with a tremie seal, the minimum top of cofferdam elevation must be the design water surface elevation for the tremie seal. (Impasse meeting decision)

DBT handout 2020 Spec Book Significant Changes - design only - from 02-14-20 email

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49		705.03.C.2.d; 705.04.A.8	Paymt Qtys/Methods	Added pay item: "Pile, Steel, Splice - \$Each". Expended specs for pile splicing
50		705.04.A.9	Paymt Qtys/Methods	Added pay item: "Pile Protection - \$Foot"
51		706.03.C; 706.03.D.4.b	Plan quantity determinations	Working drawings and design calcs for falsework and permanent metal deck forms must be sealed by Michigan PE
52		706.04.C	Paymt Qtys/Methods	Added pay item: Reinforcement, Stainless Steel - \$Pound
53		706.04	Paymt Qtys/Methods	Added pay items: "Substructure Conc, High Performance - \$Cyd", "Superstructure Conc, High Performance - \$Cyd" and "Superstructure Conc, Night Casting, High Performance - \$Cyd"
54		706.04.I	Paymt Qtys/Methods	Deleted pay item: "Support, Temp - \$Each"
55		706.04.N	Paymt Qtys/Methods	Added pay item: "Aesthetic Texturing - \$Syd"
56		708.04	Paymt Qtys/Methods	Added pay items "Prest Conc Bulb-Tee Beam, Furn, ___ inch by ___ inch - \$Ft" and "Prest Conc Bulb-Tee Beam, Erect, ___ inch by ___ inch - \$Ft"
57		708.04	Plan quantity determinations	For "Prest Conc Deck", plan width is the sum of the widths of the beams plus the sum of the spaces between beams. (Was plus the sum of the 1.5" spaces previously)
58		710.04	Paymt Qtys/Methods	Removed pay item: "Joint Waterproofing, Railroad - \$Sft"
59		711.03.G; 711.04.B	Paymt Qtys/Methods	Added pay items: "Bridge Railing, Aesthetic Parapet Tube, High Performance - \$Ft", "Bridge Railing, Aesthetic Parapet Tube, Det ___ - \$Ft" and "Bridge Railing, Aesthetic Parapet Tube, Det ___, High Performance - \$Ft"
60		711.04.E	Paymt Qtys/Methods	Added pay items: "Bridge Barrier Railing, Type ___, High Performance - \$Ft", "Bridge Barrier Railing, Type ___, Replacement - \$Ft" and "Bridge Barrier Railing, Type ___, Replacement, High Performance - \$Ft"
61		711.03.G; 711.04.E	Paymt Qtys/Methods	Added pay items: "Bridge Barrier Railing, Aesthetic, Type ___, Det ___ - \$Ft", "Bridge Barrier Railing, Aesthetic, Type ___, Det ___, High Performance - \$Ft", "Bridge Barrier Railing, Aesthetic, Type ___, Det ___, Replacement - \$Ft" and "Bridge Barrier Railing, Aesthetic, Type ___, Det ___, Replacement, High Performance - \$Ft"
62		712.03.F.2	Miscellaneous	For hand chipping concrete other than deck concrete, saw cut areas requiring patching or filling to an edge depth of at least 1" (was 1/2" previously)
63		712.04.C.3	Paymt Qtys/Methods	Added pay item: "Hand Chipping, Full Depth - \$Cft"
64		712.04.J	Paymt Qtys/Methods	Added pay item: "Bridge Joint, Strip Seal Gland Replacement - \$Ft"
65		712.04	Paymt Qtys/Methods	Removed pay items: "Bridge Joint, Revise Compression Seal - \$Ft" and "Bridge Joints, Clean and Seal (Structure No.) - \$LSUM"
66		713.03.C.2.b	Miscellaneous; Paymt Qtys/Methods	If girder pin plate is damaged during removal of the pin and hanger assembly, a corrective action plan with repairs designed by a licensed PE must be submitted to the Engineer for approval. Perform repairs at no additional cost to Department
67		713.04.I	Paymt Qtys/Methods	Added pay item "Salvage Support, Column, Temp - \$Ea"

DBT handout 2020 Spec Book Significant Changes - design only - from 02-14-20 email

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68		717.04	Paymt Qtys/Methods	Changed pay item "Drain Casting, Assembly" to "Drain Casting Assembly, Type _"
69		717.03.A; 717.04.B	Paymt Qtys/Methods	Added pay item: "Drain Casting, Type __, ADA - \$Ea"
70		718.03.A	Miscellaneous	<b>Note that this section still has revisions pending resulting from the Impasse Meeting</b>
71		718.03.H	Miscellaneous	Added italicized text: "Do not vibrate concrete with a vibrator, <i>except for the top 5 feet for concrete placed with dry methods.</i> "
72		718.04.B	Paymt Qtys/Methods	Removed pay item: "Temp Casing - \$Ft"
73		718.04.A	Paymt Qtys/Methods	Steel reinforcement is included in its own pay item (706) and is no longer included in the Drilled Shafts pay items
74		Division 8		
75		802.04	Paymt Qtys/Methods	Consolidated pay items "Divider, Reinf Conc, Type I" and "Divider, Nonreinf Conc, Type __" into "Divider, Conc, Type __"
76		802.04.B	Plan quantity determinations	Deleted statement: "The plans will show the pay limits for Valley Gutter, Conc."
77		803.04.C	Paymt Qtys/Methods	"Sidewalk Ramp, Conc, __ inch" renamed "Curb, Ramp, Conc, __ inch".
78		803.04.G	Paymt Qtys/Methods	Added pay item "Curb Ramp Opening, Conc - \$Ft"
79		806.04.D	Paymt Qtys/Methods	Removed statement that "the Department will make deductions for structures, crossroads, sidewalk ramps, and other discontinuities in the shared used path paving."
80		807.03.G; 807.04.B	Paymt Qtys/Methods	Added pay item: "Guardrail, Reconst, Type_ - \$Ft"
81		807.04	Paymt Qtys/Methods	Removed pay item: "Guardrail Buffered End - \$Ea"
82		807.04.B	Paymt Qtys/Methods	Added pay items: "Guardrail Post, Furn and Install, __ inch - Ea", "Guardrail Height, Adj - \$Ft", "Guardrail Anchored in Backslope, Type __ - \$Ea", and "Guardrail Anch Bridge, Det __, Curved - \$Each".
83		808.02.D; 808.03.B.6; 808.04	Paymt Qtys/Methods	Added pay items: "Fence, Chain Link, __ inch, Vinyl Coated - \$Ft", "Fence Gate, __ foot, for __ inch Chain Link Fence, Vinyl Coated - \$Ea"
84		810.04	Paymt Qtys/Methods	Removed pay item "Truss Fdn Anchor Bolts, Replace - \$Ea"
85		810.03.B.4; 810.04.A.3	Paymt Qtys/Methods	Added pay item "Reflective Panel for Permanent Sign Support, __ foot - \$Ea"
86		810.04.A.4	Paymt Qtys/Methods	Added M&P info for multiple "...Connection, Conc, Perforated Steel Square Tube" pay items
87		810.04.M	Paymt Qtys/Methods	Added pay item "Sign, Type ____, Rem, Salv - \$Ea"
88		810.04.N	Paymt Qtys/Methods	Consolidated pay items "Post, Delineator" and "Post, Flexible, Delineator" into "Post, (type), Delineator"
89		810.04	Paymt Qtys/Methods	Changed "Delineator Reflector" to "Delineator Reflector, (color)"

DBT handout 2020 Spec Book Significant Changes - design only - from 02-14-20 email

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90		810.04	Paymt Qtys/Methods	Added pay item "Truss Connection, Hanger Mount - \$Ea"
91		810.04	Paymt Qtys/Methods	Added pay item "Sign Connection, Wall Mount - \$Ea"
92		810.04	Paymt Qtys/Methods	Added pay item "Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem - \$Ea"
93		810.04	Paymt Qtys/Methods	Added pay item "Delineator, Rem - \$Ea"
94		811.03.B	Plan quantity determinations	Added requirement for pavement marking layout plan to be provided to Engineer for approval
95		Table 811-1	Plan quantity determinations	Changes to Pavement Marking Material Application Rates per Mile
96		811.03.D.8	Paymt Qtys/Methods	Added 6 "Pavt Mrkg, Modified Urethane..." pay items
97		811.03.D.9	Paymt Qtys/Methods	Added 5 "Pavt Mrkg, Preformed Thermoplastic..." pay items
98		811.03.G; 811.04.H	Paymt Qtys/Methods	Added 3 "Recessed Pavt Mrkg,..." pay items
99		811.03.H; 811.04.I	Paymt Qtys/Methods	Added pay item: Pavt Mrkg, Thermopl, Rumble Strip - \$Ft
100		811.03.J	Paymt Qtys/Methods	Added pay items: "Pavt Mrkg, Wet Reflective Waterborne, 2nd Application __ inch, (color)- \$Ft" and "Pavt Mrkg, Wet Reflective (binder), __ inch, (color) - \$Ea"
101		811.03.K; 811.04.J	Paymt Qtys/Methods	Removed pay item: "Pavt Mrkg, Polyurea, _ inch, Turning Guide Line (color) - \$Ft" Added pay items: "Pavt Mrkg, (binder), __ inch, Solid Thru Guide Line - \$Ft", "Pavt Mrkg, (binder), __ inch, Solid Turning Guide Line - \$Ft" and "Pavt Mrkg, (material), __ inch, Dotted Thru Guide Line - \$Ft"
102		811.04	Paymt Qtys/Methods	Added pay items: "Pavt Mrkg, (binder), __ inch, Shadow Liquid, Black - \$Ft" and "Pavt Mrkg, (binder), For On-Street Parking, __ inch, White - \$Ft"
103		811.04	Paymt Qtys/Methods	Added pay items: "Pavt Mrkg, Ovly Cold Plastic, __ inch, Shadow Tape, Black - \$Ft", "Pavt Mrkg, Ovly Cold Plastic, __ inch, Wet Reflective, (color) - \$Ft" and "Pavt Mrkg, Ovly Cold Plastic, __ inch, Dotted Turning Guide Line, (color) - \$Ft"
104		811.04	Paymt Qtys/Methods	Removed pay items: "Pavt Mrkg, (material), 4 inch, SRSM (color) - \$Ft" and "Pavt Mrkg, (material), 4 inch, SRSM, 2nd Application, (color) - \$Ft"
105		811.04.G	Paymt Qtys/Methods	Added pay items: "Scarification, for Polyurea Longit Mrkg - \$Ft" and "Scarification, for Modified Urethane Longit Mrkg - \$Ft"
106		812.03.D.5.a	Miscellaneous	42-inch channelizing devices are no longer allowed at night.
107		812-1	Miscellaneous	Added new specs for maximum spacing for 42-inch Channelizing Devices for work zone speeds greater or equal to 45mph
108		812.03.D.10	Miscellaneous	Temporary barrier endings subject to approach traffic and not terminated behind guardrail must be attenuated or, if applicable shielded with a temporary concrete barrier sloped end section.

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109		812.03.D.1.a; 812.04.C-D	Paymt Qtys/Methods	Added pay items "Sign, Type B, Temp, Prismatic, Special, Furn/Oper - \$\$ft"
110		812.03.D.16; 812.04.I-J	Paymt Qtys/Methods	Added pay items "Sign, Portable, Changeable Message, NTCIP-Compliant, Furn/Oper - \$Ea"
111		812.04	Paymt Qtys/Methods	Removed pay item "Sign, Portable, Changeable Message, Short Term - \$Ea"
112		812.04	Paymt Qtys/Methods	Changed "Plastic Drum, High Intensity, Furn/Oper - \$Ea" to "Plastic Drum, Fluorescent, Furn/Oper - \$Ea"
113		812.04.A.1-2	Paymt Qtys/Methods	Revised how plastic drums are paid for. Removed pay items "Plastic Drum, High Intensity, Lighted, Furn/Oper - \$Ea"
114		812.04	Paymt Qtys/Methods	Removed 6 "Barricade, Type III..." pay items. (Retained "Barricade, Type III, High Intensity, Double Sided, Lighted, Furn/Oper - \$Ea")
115		812.03.F; 812.04.N.2	Paymt Qtys/Methods	Added "Wet Reflective" to temp pavt mrkg pay item names and added 8" wet reflective pay items.
116		812.04.N.4	Paymt Qtys/Methods	Added 5 "Pavt Mrkg, Type NR, Paint..." pay items
117		812.04.N.1.b	Paymt Qtys/Methods	Added pay items: "Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem - \$Ft" and "Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem - \$Ft"
118		812.03.D.13; 812.04.V	Paymt Qtys/Methods	Added 2 pay items for "Temp Rumble Strips (Orange)... - \$Ft"
119		812.03.D.6; 812.04.X	Paymt Qtys/Methods	Added pay items "Delineator, Flexible, Temp, Furn/Oper - \$Ea" and "Delineator, Panels, Temp, Furn/Oper - \$Ea"
120		812.03.9.a; 812.04.Y	Paymt Qtys/Methods	Added 3 pay items for "Glare Screen, Temp..."
121		812.03.D.5.b; 812.04.AA-BB	Paymt Qtys/Methods	Added pay items "Tubular Marker - \$Ea" and "Tubular Marker, Replacement - \$Ea"
122		812.03.D.1.b; 812.04.CC	Paymt Qtys/Methods	Added pay items "Conc Barrier-Mounted Temp Sign System, Furn/Oper - \$Ea"
123		812.03.D.3.a; 812.04.DD	Paymt Qtys/Methods	Added pay items "Reflective Panel for Temp Sign Support, Furn/Oper - \$Ea"
124		814.02.A	Miscellaneous	HMA paved ditches to match shoulder leveling coarse HMA
125		814.03.A	Miscellaneous	Extend geotextile liner under the HMA paved ditch to create at least a 1 foot overlap
126		814.03.D	Miscellaneous	Prepared bases for HMA paved ditches should be at least 3 inches thick, and at least 330 pounds per square yard (was 2in and 220 lb/syd previously). Feather down the top course mixture at the location of the paved ditch when the top course is constructed.

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127		815.03.F.5; 815.03.I	Plan quantity determinations	Place mulch in a four inch layer (was 5 to 6 inches previously)
128		815.03.I.2	Plan quantity determinations	Inserted an additional water quantity spec: "A volume that saturates the soil to a depth of 3 inches for perennials and container grown stock"
129		816.03.B.1	Plan quantity determinations	For Class A fertilizer, evenly apply 176 pounds of chemical fertilizer nutrient per acre on a prepared seed bed. (Was 228 pounds previously)
130		Table 816-1	Miscellaneous	Medium to high salt tolerance required for Turf Urban Freeway (TUF) seed mix (was low to high previously)
131		816.03.G; 816.04.F	Paymt Qtys/Methods	Replaced pay item "Mulch Netting - \$Syd" with "Turf Reinforcement Mat - \$Syd". Removed Mulching Netting specs and added Turf Reinforcement Mat specs
132		817	Paymt Qtys/Methods	Removed old Section 817 and pay item "Mowing - \$Acre"
133		818	Paymt Qtys/Methods	Removed old Section 818 and pay item "Dune Grass Planting - \$Syd"
134		818.03.F; 818.04.I-K	Miscellaneous	Added specifications for unmetered and metered service and for electrical service removal. Added 6 associated pay items.
135		818.04	Paymt Qtys/Methods	Removed pay item "DB Cable, in Conduit, 600 Volt (number), 1/C# (size) - \$Ft"
136		818.04	Paymt Qtys/Methods	Removed pay item "Elec Serve, Rem - \$Ea"
137		818.02.C; 818.04.O	Paymt Qtys/Methods	Added pay items "Bracket Arm, Clamp On, _ Ft, with _ Ft Rise - \$Ea" and "Bracket Arm, Clamp On, Rem - \$Ea"
138		819.03.D.1	Miscellaneous	Calculations associated with light standard design must be sealed by MI licensed PE
139		819.04	Paymt Qtys/Methods	Changed "Luminaire, (watt) High Pressure Sodium..." pay items to "Luminaire, (watt) LED..."
140		820.03.D; 820.04.B	Paymt Qtys/Methods	Added pay items "TS Head, Adj - \$Ea", "TS Head, Temp - \$Ea", "TS Bag - \$Ea" and "TS Bag, Rem - \$Ea"
141		820.04.C	Paymt Qtys/Methods	Added pay items "Strain Pole Fdn, 6 Bolt - \$Ft" and "Strain Pole, Steel, 6 bolt, __ foot - \$Ea". Added materials specs under the heading 820.02.Traffic Signal Strain Pole.A-B
142		820.04.C	Paymt Qtys/Methods	Added pay items "Mast Arm Pole, Cat__ - \$Ea", "Mast Arm, __Foot, Cat__ - \$Ea" and "Mast Arm Pole Fdn, 6 Bolt - \$Ft"
143		820.01.J-K; 820.03.F-G; 820.04.C	Paymt Qtys/Methods	Added pay items "Mast Arm, Remove - \$Ea" and "Mast Arm Std, Rem - \$Ea". Includes disposal of materials. Added materials specs under the heading 820.02.Traffic Signal Mast Arm Pole and Mast Arm.A-B
144		820.04	Paymt Qtys/Methods	Added pay item "Fdn Rem Partial - \$Ea" <b>*Is this pay item still being included? It still shows up on the list within the 820 draft doc, but Impasse Meeting item D820-6 says it will be a 7000 item</b>
145		820.04	Paymt Qtys/Methods	Added pay items "Pedestal, Pushbutton, Alum - \$Ea" and "Pedestal, Pushbutton, Rem - \$Ea"
146		820.02.B; 820.04	Paymt Qtys/Methods	Added pay item "Casing - \$Ft" (used with strain poles and mast arm poles)

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147		820.04	Paymt Qtys/Methods	Added pay item "Case Sign, Sav - \$Ea"
148		820.01.C; 820.04	Paymt Qtys/Methods	Added pay item "Guy, Rem - \$Ea". Disposal of material included.
149		822.04	Paymt Qtys/Methods	Replaced pay items "Shoulder Corrugations, Ground or Cut, HMA/Conc - \$Ft" with "Freeway/Non-Freeway, Should Corrugations, Milled, HMA/Conc - \$Ft"
150		822.04	Paymt Qtys/Methods	Added pay items: "Centerline Corrugations, Milled, HMA/Conc - \$Ft"
151		823.04.A	Paymt Qtys/Methods	Added pay item "Water Main, DI, __ inch __ (used for water main in a casing) - \$Ft". Expanded list of what is included in the cost of Water Main, DI pay items
152		823.03.H; 823.04	Paymt Qtys/Methods	Added pay item "Water Main Line Stop, __ inch - \$Ea"
153		823.04.C	Paymt Qtys/Methods	Added pay item "Gate Well Cover - \$Ea"
154		823.04.G	Paymt Qtys/Methods	Added pay item "Water Main Conflict, __ inch - \$Ea"
155		824.03.V	Plan quantity determinations	Determine final staking quantities by plan sheet (was by plan sheet breakdown previously) Impasse Meeting decision
156		824.03.V	Plan quantity determinations	Removed requirement requiring cross sections to represent the same scale shown on the plans (Impasse Meeting decision)
157		824.04	Paymt Qtys/Methods	Combined "Staking Plan Errors and Extras, One/Two/Three Person - \$Hour" into one pay item. Maximum rate is \$180/hour regardless of crew size
158		825	Paymt Qtys/Methods	Added new Sanitary Sewer System section and associated pay items
159		Division 9		
160		918.04.A	Miscellaneous	Expanded specifications for color coding electrical cables
161		Table 919-1	Miscellaneous	Multiple changes to Sign Panel and Face Types specifications (added a Type V and reduced size limits for Types I and II)
162		919.02.A.1	Miscellaneous	Aluminum sign panels: "Position the 6 inch panel between 2- 12 inch panel sections. Do not use 6 inch panel for the signs top or bottom"
163		922.05	Miscellaneous	Removed statement allowing Contractor to reuse existing guardrail posts in good condition for reconstructing guardrail
164		Division 10		