Project 1197-10-77 Domestic Materials Reference Spreadsheet

						Construction Material									
Item	Description	Units	DM	Temporary Item	Iron or Steel	Non-Ferrous Metals	Plastic & Polymer Based Products	Glass	Fiber Optic Cable	Optical Fiber	Lumber	Engineering Wood	Drywall	Manufactured Product	Comments
203.0100	Removing Small Pipe Culverts	EACH	No												
204.0100	Removing Concrete Pavement	SY	No												
204.0150	Removing Curb & Gutter	LF	No												
204.0170	Removing Fence	LF	No												
204.0180	Removing Delineators and Markers	EACH	No												
204.0190	Removing Surface Drains	EACH	No												
204.0220	Removing Inlets	EACH	No												
204.0245	Removing Storm Sewer (size)	LF	No												
204.9060.S	Removing (item description)	EACH	No												
205.0100	Excavation Common	CY	No												
205.3000.S	Temporary Emergency Pullouts	EACH	No												
208.0100	Borrow	CY	No												
209.1100	Backfill Granular Grade 1	CY	No												
213.0100	Finishing Roadway (project)	EACH	No												
305.0110	Base Aggregate Dense 3/4-Inch	TON	No												
305.0120	Base Aggregate Dense 1 1/4-Inch	TON	No												
415.0095	Concrete Pavement 9 1/2-Inch	SY	Yes		dowel bars, baskets, tie bars		Yes-Expansion Joint Filler (BitumiNous Type NA)								
415.0210	Concrete Pavement Gaps	EACH	No		dowel bars, baskets, tie bars										
416.061	Drilled Tie Bars	EACH	Yes		Yes										
416.0620	Drilled Dowel Bars	EACH	Yes		Yes										
416.1010	Concrete Surface Drains	CY	Yes		Yes										
416.1710	Concrete Pavement Repair	SY	Yes		Yes										
450.4000	HMA Cold Weather Paving	TON	No												
455.0605	Tack Coat	GAL	No												
460.2000	Incentive Density HMA Pavement	DOL	No												
460.6224	HMA Pavement 4 MT 58-28 S	TON	No												
460.6244	HMA Pavement 4 MT 58-34 S	TON	No												
465.0110	Asphaltic Surface Patching	TON	No												
465.0120	Asphaltic Surface Driveways and Field Entrances	TON	No												
465.0125	Asphaltic Surface Temporary	TON	No												
465.0310	Asphaltic Curb	LF	No												
465.0315	Asphaltic Flumes	SY	No												
520.8000	Concrete Collars for Pipe	EACH	No												
520.8700	Cleaning Culvert Pipes	EACH	No												
521.1036	Apron Endwalls for Culvert Pipe Steel 36-Inch	EACH	Yes		Yes										
521.1615	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 15-Inch 10 to 1	EACH	Yes		Yes										
521.1618	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 18-Inch 10 to 1	EACH	Yes		Yes										
521.1624	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 24-Inch 10 to 1	EACH	Yes		Yes										
521.3136	Culvert Pipe Corrugated Steel 36-Inch	LF	Yes		Yes										
522.0418	Culvert Pipe Reinforced Concrete Class IV 18-Inch	LF	Yes		Yes									Yes	
522.0424	Culvert Pipe Reinforced Concrete Class IV 24-Inch	LF	Yes		Yes									Yes	
522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	Yes		Yes									Yes	
522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	Yes		Yes									Yes	
522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	EACH	Yes		Yes									Yes	
522.2624	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	EACH	Yes		Yes									Yes	
531.1100	Concrete Masonry Ancillary Structures Type NS	CY	Yes		Yes										
531.1140	Steel Reinforcement HS Ancillary Structures Type NS	LB	Yes		Yes (Including Tie Wire)										
531.2024	Drilling Shaft 24-Inch	LF	No												
601.0557	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	LF	Yes		Yes-Tie Bars		Yes-Expansion Joint Filler							Yes-If used: Bituminous Type Joint Filler	
603.8000	Concrete Barrier Temporary Precast Delivered	LF	No												
603.8125	Concrete Barrier Temporary Precast Installed	LF	No												
603.8500	Anchoring Concrete Barrier Temporary Precast	LF	No												
606.0200	Riprap Medium	CY	No												
606.0300	Riprap Heavy	CY	No												

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608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	Yes		Yes		Gaskets, geotextile joint wrap							Yes	
608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	Yes		Yes		Gaskets, geotextile joint wrap							Yes	
608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	Yes		Yes		Gaskets, geotextile joint wrap							Yes	
608.0336	Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	LF	Yes		Yes		Gaskets, geotextile joint wrap							Yes	
608.2324	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	LF	Yes		Yes		Gaskets, geotextile joint wrap							Yes	
608.3015	Storm Sewer Pipe Class III-A 15-Inch	LF	Yes		Yes		Poly Pipe / Gaskets, geotextile joint wrap							Yes-If Concrete	
611.0430	Reconstructing Inlets	EACH	Yes		Yes										
611.0642	Inlet Covers Type MS	EACH	Yes		Yes										
611.3901	Inlets Median 1 Grate	EACH	Yes		Yes										
611.3902	Inlets Median 2 Grate	EACH	Yes		Yes										
611.8120.S	Cover Plates Temporary	EACH	No												
613.1100.S	Cable Barrier Type 1	LF	Yes		Yes										
613.1200.S	Cable Barrier End Terminal Type 1	EACH	Yes		Yes										
614.0396	Guardrail Mow Strip Asphalt	SY	No												
614.0397	Guardrail Mow Strip Emulsified Asphalt	SY	No												
614.0905	Crash Cushions Temporary	EACH	No												
614.0920	Salvaged Rail	LF	No												
614.0925	Salvaged Guardrail End Treatments	EACH	No												
614.1000	MGS Guardrail Temporary	LF	No	Yes											
614.1100	MGS Guardrail Temporary Thrie Beam Transition	LF	No	Yes											
614.1200	MGS Guardrail Temporary Terminal EAT	EACH	No	Yes											
614.2300	MGS Guardrail 3	LF	Yes		Yes		Plastic Blocks				Yes				
614.2610	MGS Guardrail Terminal EAT	EACH	Yes		Yes		Plastic Blocks				Yes				
616.0100	Fence Woven Wire (height)	LF	Yes		woven wire, hardware, staple						Yes				
618.0100	Maintenance And Repair of Haul Roads (project)	EACH	No												
619.1000	Mobilization	EACH	No												
624.0100	Water	MGAL	No												
625.0100	Topsoil	SY	No												
627.0200	Mulching	SY	No												
628.1104	Erosion Bales	EACH	No	Yes											
628.1504	Silt Fence	LF	No	Yes											
628.1520	Silt Fence Maintenance	LF	No	Yes											
628.1905	Mobilizations Erosion Control	EACH	No												
628.1910	Mobilizations Emergency Erosion Control	EACH	No												
628.2004	Erosion Mat Class I Type B	SY	No	Yes											
628.7005	Inlet Protection Type A	EACH	No	Yes											
628.7010	Inlet Protection Type B	EACH	No	Yes											
628.7020	Inlet Protection Type D	EACH	No	Yes											
628.7504	Temporary Ditch Checks	LF	No												
628.7555	Culvert Pipe Checks	EACH	No	Yes											
628.7560	Tracking Pads	EACH	No	Yes											
628.7570	Rock Bags	EACH	No	Yes											
629.0210	Fertilizer Type B	CWT	No												
630.0130	Seeding Mixture No. 30	LB	No												
630.0200	Seeding Temporary	LB	No												
630.0500	Seed Water	MGAL	No												
631.0300	Sod Water	MGAL	No												
633.0100	Delineator Posts Steel	EACH	Yes		Yes										
633.0500	Delineator Reflectors	EACH	Yes		Hardware									Yes-delineator	Aluminum with sheeting shop-applied.
633.1100	Delineators Temporary	EACH	No												
633.5200	Markers Culvert End	EACH	Yes		Hardware (See Comments)		Yes (See Comments)							Yes (See Comments)	If components packaged and delivered together classify as MP. Track hardware if arrive separate from markers.
634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	Yes								Yes				
634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	Yes								Yes				
635.0200	Sign Supports Structural Steel HS	LB	Yes		Yes										
637.2210	Signs Type II Reflective H	SF	Yes		Yes-Hardware		Yes-Washers (nylon, plastic, synthetic)							Yes	
638.2101	Moving Signs Type I	EACH	No												
638.2601	Removing Signs Type I	EACH	No												
638.3100	Removing Structural Steel Sign Supports	EACH	No												
642.5201	Field Office Type C	EACH	No												
643.0300	Traffic Control Drums	DAY	No	Yes											
643.0420	Traffic Control Barricades Type III	DAY	No	Yes											
643.0500	Traffic Control Flexible Tubular Marker Posts	EACH	No	Yes											

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643.0600	Traffic Control Flexible Tubular Marker Bases	EACH	No	Yes											
643.0705	Traffic Control Warning Lights Type A	DAY	No	Yes											
643.0715	Traffic Control Warning Lights Type C	DAY	No	Yes											
643.0800	Traffic Control Arrow Boards	DAY	No	Yes											
643.0900	Traffic Control Signs	DAY	No	Yes											
643.0920	Traffic Control Covering Signs Type II	EACH	No	Yes											
643.1051	Traffic Control Signs PCMS with TMC Communications	DAY	No	Yes											
643.1070	Traffic Control Cones 42-Inch	DAY	No	Yes											
643.3105	Temporary Marking Line Paint 4-Inch	LF	No	Yes											
643.3120	Temporary Marking Line Epoxy 4-Inch	LF	No	Yes											
643.3150	Temporary Marking Line Removable Tape 4-Inch	LF	No	Yes											
643.3205	Temporary Marking Line Paint 8-Inch	LF	No	Yes											
643.3220	Temporary Marking Line Epoxy 8-Inch	LF	No	Yes											
643.3250	Temporary Marking Line Removable Tape 8-Inch	LF	No	Yes											
643.3760	Temporary Marking Raised Pavement Marker Type I	EACH	No	Yes											
643.3960	Temporary Marking Removable Mask Out Tape 6-Inch	LF	No	Yes											
643.3970	Temporary Marking Removable Mask Out Tape 10-Inch	LF	No	Yes											
643.4100	Traffic Control Interim Lane Closure	EACH	No	Yes											
643.5000	Traffic Control	EACH	No	Yes											
645.0120	Geotextile Type HR	SY	Yes		Yes-Anchors		Yes								
646.1020	Marking Line Epoxy 4-Inch	LF	Yes				Yes-Epoxy	Yes-Beads							
646.1040	Marking Line Grooved Wet Ref Epoxy 4-Inch	LF	Yes				Yes-Epoxy	Yes-Beads							
646.1555	Marking Line Grooved Contrast Permanent Tape 4-Inch	LF	Yes											Yes	
646.2020	Marking Line Epoxy 6-Inch	LF	Yes				Yes-Epoxy	Yes-Beads							
646.2025	Marking Line Grooved Black Epoxy 6-Inch	LF	Yes				Yes-Epoxy	Yes-Beads							
646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	Yes				Yes-Epoxy	Yes-Beads							
646.2050	Marking Line Grooved Permanent Tape 6-Inch	LF	Yes											Yes	
646.3555	Marking Line Grooved Contrast Permanent Tape 8-Inch	LF	Yes											Yes	
646.4020	Marking Line Epoxy 10-Inch	LF	Yes				Yes-Epoxy	Yes-Beads							
646.4050	Marking Line Grooved Permanent Tape 10-Inch	LF	Yes											Yes	
646.4520	Marking Line Same Day Epoxy 4-Inch	LF	Yes				Yes-Epoxy	Yes-Beads							
646.6464	Cold Weather Marking Epoxy 4-Inch	LF	Yes				Yes-Epoxy	Yes-Beads							
646.6468	Cold Weather Marking Epoxy 8-Inch	LF	Yes				Yes-Epoxy	Yes-Beads							
646.9000	Marking Removal Line 4-Inch	LF	No												
646.9010	Marking Removal Line Water Blasting 4-Inch	LF	No												
646.9050	Marking Removal Line Grooved Permanent Tape 4-Inch	LF	Yes											Yes	
646.9100	Marking Removal Line 8-Inch	LF	No												
650.4000	Construction Staking Storm Sewer	EACH	No												
650.4500	Construction Staking Subgrade	LF	No												
650.5000	Construction Staking Base	LF	No												
650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	No												
650.6000	Construction Staking Pipe Culverts	EACH	No												
650.7000	Construction Staking Concrete Pavement	LF	No												
650.8000	Construction Staking Resurfacing Reference	LF	No												
650.9911	Construction Staking Supplemental Control (project)	EACH	No												
650.9920	Construction Staking Slope Stakes	LF	No												
690.0150	Sawing Asphalt	LF	No												
690.0250	Sawing Concrete	LF	No												
715.0715	Incentive Flexural Strength Concrete Pavement	DOL	No												
740.0440	Incentive IRI Ride	DOL	No												
801.0905	Fuel Cost Adjustment	DOL	No												
804.2005	Disincentive Density HMA Pavement	DOL	No												
804.4410	Disincentive IRI Ride	DOL	No												
804.6005	Nonconforming Thickness Concrete Pavement	DOL	No												

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ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	No												
ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	No												

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