



Highway Maintenance Manual
Chapter 02 Administration
Section 25 Cost Invoicing
Subject 55 Non-standard Rates

Bureau of Highway Maintenance

02-25-55 Non Standard Equipment Pictures

Effective January 2025

Class	Description	Estimated Life	Rate	UOM
9006	Air Compressor (< 125 cu.ft.)	10 years	13.02	HR.
9011	Joint Cleaner (Blower)	10 years	8.12	HR.
9012	Bale Chopper or Mulcher, 25 hp or greater or PTO (Alternate Photo)	10 years	57.14	HR.
9013	Auger, Salt	10 years	22.46	HR.
9017	Concrete Repair Gun	7 years	128.04	HR.
9018	Curb Paver, Bituminous	12 years	5.98	HR.
9020	Crane, 45 tons,104' boom	15 Years	Set Rate Locally	HR.
9022	Boats (Pontoon)	10 Years	Set Rate Locally	DAY
9023	Boats (Row)	10 years	24.08	DAY
9031	Landfill Compactor	10 years	82.80	HR.
9035	Crane (Up to 10 tons)	15 years	57.14	HR.
9036	Centerliner, push-type	12 years	24.70	HR.
9038	Cutter Crusher or Mulch Krimper (Alternate Photo)	10 years	36.60	HR.
9039	Conveyor w/ silo	12 years	Set Rate Locally	TONS
9041	Crane (10 to 18 tons)	15 years	220.58	HR.
9046	Golf Cart	10 years	12.68	HR.
9048	Drill, Grain	10 years	40.12	HR.
9050	Finishing Machine, gas power	10 years	32.00	HR.
9051	Elevator	12 years	16.94	HR.
9054	Hammer, hydraulic, 100 thru 1100 ft/lbs, CIMA rating	10 years	35.44	HR.
9061	Truck Bed System, hot box	10 years	7.08	HR.
9070	Crane, Hydraulic (Truck Mtd.)	10 years	22.12	HR.
9073	Landscape Box	12 years	7.46	HR.
9079	Cold Milling Machine, Over 80 hp	12 years	Set Rate Locally	HR.
9080	Mortar Mixer	7 years	159.76	HR.
9081	Patch Machine, spray-injection, trailer mounted	12 years	55.06	HR.
9082	Pothole Patcher, spray injection, truck mounted, single unit	12 years	58.66	HR.
9084	Pile Drivers	12 years	Set Rate Locally	HR.
9087	Pug Mill	12 years	Set Rate Locally	CY
9088	Portable Traffic Signals, max 12/hr/day, 4 unit sets, includes trailer	7 years	28.64	HR.
9089	Paver, tailgate	12 years	24.98	HR.
9090	Plows, rotary (mtd. on sm. trac.)	5 years	50.30	HR.
9091	Snow Pusher	10 years	36.64	HR.
9092	Retro-reflectometer	10 years	77.60	DAY
9095	Snow Blower, rotary, hydraulic or PTO driven, does not use fuel	10 years	142.58	HR.
9109	Roller, push-type vibrating	8 years	11.00	HR.
9111	Speed Monitor (all)	10 years	19.36	/day
9112	Rooter	10 years	Set Rate Locally	HR.
9113	Rake, rock/Hydraulic Grapple (Alternate Photo)	10 years	17.64	HR.
9114	Roto-tiller (attachment)	8 years	48.46	HR.
9118	Scaffolding w/ electric hoist	15 years	Set Rate Locally	HR.
9128	Scaffolding (staging)	15 years	21.68	DAY
9130	Scaffolding (sections)	15 years	92.30	/sec/mo
9133	Scraper, tow behind	10 years	Set Rate Locally	HR.
9134	Scraper, truck style	10 years	58.46	HR.
9141	Sewer Cleaner	10 years	184.26	HR.
9142	Shredder, Dirt	10 years	306.24	HR.
9149	Sign Maker	10 years	29.32	HR.
9150	Stump Cutter, self powered	10 years	42.46	HR.

Class	Description	Estimated Life	Rate	UOM
9151	Heater, Patch, tailgate	8 years	11.70	HR.
9152	Stump Cutter, hydraulic	10 years	59.24	HR.
9155	Spray Bar Applicator, multiple purpose, including anti-icing liquid application system, with ground speed controller, to include tank, spray bar, pump, nozzles and hardware (either slide in, stand alone or pull behind) with tank size from 0 to 2000 gallons , non-plow truck	8 years	56.26	HR.
9156	Spreader, Mini	8 years	Set Rate Locally	HR.
9159	Transit, Laser	10 years	5.60	HR.
9160	Survey Equip Total Station	10 years	48.64	HR.
9161	Survey Equip Instrument	10 years	Set Rate Locally	HR.
9162	Survey Equip GPS	10 years	9.32	HR.
9163	Survey Equip	10 years	18.26	HR.
9165	Survey Equip GPS	6 years	20.04	HR.
9168	Trailer, Construction Shed	10 years	40.36	DAY
9175	Trenching Shield	10 years	333.24	DAY
9176	Trencher	10 years	Set Rate Locally	HR.
9177	Trench Compactor	10 years	70.46	HR.
9178	Earth Saw or Trenching attachment (Alternate Photo)	10 years	35.38	HR.
9186	Screed, vib. strike-off	10 years	48.10	HR.
9198	Wrench for train cars	7 years	36.00	HR.
9199	Culvert Steamer/Pressure Washer, trailer or skid mounted	10 years	45.06	HR.
9201	All Terrain Vehicle/Utility Terrain Vehicle	10 years	26.92	HR.
9206	Reclaimer, Over 400 hp, 96" (teeth charged to project)	10 years	249.42	HR.
9207	Reclaimer, Under 400 hp (teeth charged to project)	10 years	188.42	HR.
9208	Profiler, planer small	8 years	72.70	HR.
9209	Re-enforcement Rod	10 years	Set Rate Locally	HR.
9230	Scrubber, Floor	10 years	Set Rate Locally	HR.
9231	Scraper (Seprt. Wheel, cable)	10 years	12.56	HR.
9232	Scraper (10 to 14 cu. yds.)	10 years	Set Rate Locally	
9235	Conveyor, Electric (20 hp/36" x 50")	12 years	62.60	HR.
9236	Conveyor, stainless or galvanized, hydraulic or electric, 70' or greater	12 years	156.50	HR.
9240	Fence Installer (for silt)	10 years	92.32	HR.
9241	Sewer Cleaner large, on trailer	10 years	20.50	HR.
9246	Generator, electric (over 20 kw)	12 years	46.22	HR.
9247	Shovel, over 200 hp	10 years	113.40	HR.
9251	Feeder Hopper	5 years	39.72	HR.
9254	Hammer, hydraulic, 1101 ft/lbs and over CIMA rating	10 years	40.18	HR.
9255	Spray Bar Applicator, multiple purpose, including anti-icing liquid application system, without ground speed controller, to include tank, spray bar, pump, nozzles and hardware (either slide in, stand alone or pull behind) with tank size from 0 to 2000 gallons , non plow truck	8 years	23.40	HR.
9256	Spray Bar Applicator, multiple purpose, including anti-icing liquid application system, with ground speed controller, to include tank, spray bar, pump, nozzles and hardware (either slide in, stand alone or pull behind) with tank size from 2001 gallons and greater , non plow truck	8 years	36.54	HR.
9257	Spray Bar Applicator, multiple purpose, including anti-icing liquid application system, without ground speed controller, to include tank, spray bar, pump, nozzles and hardware (either slide in, stand alone or pull behind) with tank size from 2001 gallons and greater , non plow truck	8 years	39.88	HR.
9258	Sweeper, Floor	5 years	79.52	DAY
9260	Compactor, Hydraulic	10 years	58.72	HR.
9265	Trailer, Live Bottom (w/ conveyor)	7 years	Set Rate Locally	HR.
9272	Asphalt Wedger, with or without engine	5 years	124.38	HR.
9275	Truck, Mobile Public Assistance Vehicle	5 years	21.24	HR.

Class	Description	Estimated Life	Rate	UOM
9284	Bale Chopper/Mulcher, less than 25 hp	10 years	38.98	HR.
9286	Welder and Generator (engine driven)	10 years	25.64	HR.
9296	Snow Blower, powered by engine, rotary plow, integral unit, used exclusively for snow plowing and uses motor fuel	10 years	237.22	HR.
9298	Post Pounder	10 years	88.62	HR.
9310	Compactor, gyrating	6 years	Set Rate Locally	TONS
9312	Boom Lift, towed on own trailer	10 years	65.44	HR.
9336	Centerliner, mounted on tri-axle or quad-axle truck	10 years	177.70	HR.
9340	Crane, 8.5 carry deck, platform	10 years	Set Rate Locally	HR.
9346	Dowel Drill	10 years	53.18	HR.
9347	Hopper Conveyor, skid mtd.	6 years	Set Rate Locally	HR.
9348	Hopper Feeder for spreader (to shed)	8 years	69.82	HR.
9349	Spreader, v-box insert, small, self-contained	8 years	69.06	HR.
9351	Forklift, VERY lg, 110 hp telesc. Reach	10 years	60.04	HR.
9352	Forklift	10 years	62.96	HR.
9354	Hammer, Hydraulic, stand alone	10 years	106.36	HR.
9355	Rock Box	10 years	226.26	HR.
9356	Sweeper, Lawn	10 years	Set Rate Locally	HR.
9357	Sweeper, regen., mtd. on 2 axles	10 years	Set Rate Locally	HR.
9360	Chip Spreader, hydra. Ext.	10 years	215.52	HR.
9372	Light Tower	15 years	39.54	HR.
9375	Vacuum, (Jet Vac)	10 years	70.72	HR.
9377	Vegetation Unit	10 years	20.70	HR.
9387	Emergency response trailer, fully enclosed with area that could be used as a command center with radio communications	12 years	396.66	DAYS
9388	Emergency response trailer, fully enclosed without area for command center operations		119.08	DAYS
9389	Emergency response trailer – open trailer for transporting supplies and tools to the incident		Set Rate Locally	DAYS
9400	Crane (75 tons and over)	15 years	Set Rate Locally	HR.
9404	Snow Blower, rotary, powered by engine, uses motor fuel	10 years	335.36	HR.
9406	Brush Chipper, 3 point tractor mounted	10 years	32.28	HR.
9408	Brush Cutter and Mulcher, hydraulic driven, equipment mounted	10 years	42.30	HR.
9410	Infrared Asphalt Heater, trailer mounted	20 years	Set Rate Locally	HR.
9412	Offset Hitch	10 years	17.40	HR.
9414	Skid Steer Mounted Shoulder Machine	10 years	16.82	HR.
9416	Temporary Portable Rumble Strips (6 strip set, includes carrier)	5 years	81.30	DAY
9418	Truck Mount Mower, includes truck, boom and power source	10 years	77.38	HR.
9420	Shot Blaster, includes vacuum	5 years	1.16	HR
9422	Confined Space Entry Equipment	6 years	127.00	HR
9424	GPS Grade Controller (Alternate Photo)	10 years	18.94	HR
9426	Tree Shears, excavator attachment	5 years	68.64	HR
9428	Sign Trailer, with auger and lift	10 years	12.62	HR
9430	Tow Plow	10 years	112.72	HR.
9432	Hydraulic Bucket	12 years	162.60	HR.
9434	Automatic Barrel Recovery Unit	8 years	382.68	HR.
9436	Barrel Recovery Trailer	8 years	13.56	HR.
9437	Dry Ice Blaster/Cleaner	10 years	Set Rate Locally	HR.
9438	Loader Fork Attachment	10 years	Set Rate Locally	HR.
9439	Centerliner	10 years	Set Rate Locally	HR.
9440	SeaSnake Camera	10 years	Set Rate Locally	HR.

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2025 Non-standard Equipment Alphabetical Listing				
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9201	All Terrain Vehicle/Utility Terrain Vehicle	10 years	26.92	HR.
9272	Asphalt Wedger, with or without engine	5 years	124.38	HR.
9013	Auger, Salt	10 years	22.46	HR.
9434	Automatic Barrel Recovery Unit	8 years	382.68	HR.
9012	Bale Chopper or Mulcher, 25 hp or greater or PTO (Alternate Photo)	10 years	57.14	HR.
9284	Bale Chopper/Mulcher, less than 25 hp	10 years	38.98	HR.
9436	Barrel Recovery Trailer	8 years	13.56	HR.
9022	Boats (Pontoon)	10 Years	Set Rate Locally	DAY
9023	Boats (Row)	10 years	24.08	DAY
9312	Boom Lift, towed on own trailer	10 years	65.44	HR.
9406	Brush Chipper, 3 point tractor mounted	10 years	32.28	HR.
9408	Brush Cutter and Mulcher, hydraulic driven, equipment mounted	10 years	42.30	HR.
9439	Centerliner	10 years	Set Rate Locally	HR.
9336	Centerliner, mounted on tri-axle or quad-axle truck	10 years	177.70	HR.
9036	Centerliner, push-type	12 years	24.70	HR.
9360	Chip Spreader, hydra. Ext.	10 years	215.52	HR.
9079	Cold Milling Machine, Over 80 hp	12 years	Set Rate Locally	HR.
9310	Compactor, gyrating	6 years	Set Rate Locally	TONS
9260	Compactor, Hydraulic	10 years	58.72	HR.
9017	Concrete Repair Gun	7 years	128.04	HR.
9422	Confined Space Entry Equipment	6 years	127.00	HR.
9039	Conveyor w/ silo	12 years	Set Rate Locally	TONS
9235	Conveyor, Electric (20 hp/36" x 50")	12 years	62.60	HR.
9236	Conveyor, stainless or galvanized, hydraulic or electric, 70' or greater	12 years	156.50	HR.
9041	Crane (10 to 18 tons)	15 years	220.58	HR.
9400	Crane (75 tons and over)	15 years	Set Rate Locally	HR.
9035	Crane (Up to 10 tons)	15 years	57.14	HR.
9020	Crane, 45 tons,104' boom	15 Years	Set Rate Locally	HR.
9340	Crane, 8.5 carry deck, platform	10 years	Set Rate Locally	HR.
9070	Crane, Hydraulic (Truck Mtd.)	10 years	22.12	HR.
9199	Culvert Steamer/Pressure Washer, trailer or skid mounted	10 years	45.06	HR.
9018	Curb Paver, Bituminous	12 years	5.98	HR.
9038	Cutter Crusher or Mulch Krimper (Alternate Photo)	10 years	36.60	HR.
9346	Dowel Drill	10 years	53.18	HR.
9048	Drill, Grain	10 years	40.12	HR.
9437	Dry Ice Blaster/Cleaner	10 years	Set Rate Locally	HR.
9178	Earth Saw or Trenching attachment (Alternate Photo)	10 years	35.38	HR.
9051	Elevator	12 years	16.94	HR.
9389	Emergency response trailer – open trailer for transporting supplies and tools to the incident		Set Rate Locally	DAYS
9387	Emergency response trailer, fully enclosed with area that could be used as a command center with radio communications	12 years	396.66	DAYS
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9251	Feeder Hopper	5 years	39.72	HR.
9240	Fence Installer (for silt)	10 years	92.32	HR.
9050	Finishing Machine, gas power	10 years	32.00	HR.
9352	Forklift	10 years	62.96	HR.
9351	Forklift, VERY lg, 110 hp telesc. Reach	10 years	60.04	HR.
9246	Generator, electric (over 20 kw)	12 years	46.22	HR.
9046	Golf Cart	10 years	12.68	HR.
9424	GPS Grade Controller (Alternate Photo)	10 years	18.94	HR.

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9054	Hammer, hydraulic, 100 thru 1100 ft/lbs, CIMA rating	10 years	35.44	HR.
9254	Hammer, hydraulic, 1101 ft/lbs and over CIMA rating	10 years	40.18	HR.
9354	Hammer, Hydraulic, stand alone	10 years	106.36	HR.
9151	Heater, Patch, tailgate	8 years	11.70	HR.
9347	Hopper Conveyor, skid mtd.	6 years	Set Rate Locally	HR.
9348	Hopper Feeder for spreader (to shed)	8 years	69.82	HR.
9432	Hydraulic Bucket	12 years	162.60	HR.
9410	Infrared Asphalt Heater, trailer mounted	20 years	Set Rate Locally	HR.
9011	Joint Cleaner (Blower)	10 years	8.12	HR.
9031	Landfill Compactor	10 years	82.80	HR.
9073	Landscape Box	12 years	7.46	HR.
9372	Light Tower	15 years	39.54	HR.
9438	Loader Fork Attachment	10 years	Set Rate Locally	HR.
9080	Mortar Mixer	7 years	159.76	HR.
9412	Offset Hitch	10 years	17.40	HR.
9081	Patch Machine, spray-injection, trailer mounted	12 years	55.06	HR.
9089	Paver, tailgate	12 years	24.98	HR.
9084	Pile Drivers	12 years	Set Rate Locally	HR.
9090	Plows, rotary (mtd. on sm. trac.)	5 years	50.30	HR.
9088	Portable Traffic Signals, max 12/hr/day, 4 unit sets, includes trailer	7 years	28.64	HR.
9298	Post Pounder	10 years	88.62	HR.
9082	Pothole Patcher, spray injection, truck mounted, single unit	12 years	58.66	HR.
9208	Profiler, planer small	8 years	72.70	HR.
9087	Pug Mill	12 years	Set Rate Locally	CY
9113	Rake, rock/Hydraulic Grapple (Alternate Photo)	10 years	17.64	HR.
9206	Reclaimer, Over 400 hp, 96" (teeth charged to project)	10 years	249.42	HR.
9207	Reclaimer, Under 400 hp (teeth charged to project)	10 years	188.42	HR.
9209	Re-enforcement Rod	10 years	Set Rate Locally	HR.
9092	Retro-reflectometer	10 years	77.60	DAY
9355	Rock Box	10 years	226.26	HR.
9109	Roller, push-type vibrating	8 years	11.00	HR.
9112	Rooter	10 years	Set Rate Locally	HR.
9114	Roto-tiller (attachment)	8 years	48.46	HR.
9130	Scaffolding (sections)	15 years	92.30	/sec/mo
9128	Scaffolding (staging)	15 years	21.68	DAY
9118	Scaffolding w/ electric hoist	15 years	Set Rate Locally	HR.
9232	Scraper (10 to 14 cu. yds.)	10 years	Set Rate Locally	
9231	Scraper (Seprt. Wheel, cable)	10 years	12.56	HR.
9133	Scraper, tow behind	10 years	Set Rate Locally	HR.
9134	Scraper, truck style	10 years	58.46	HR.
9186	Screed, vib. strike-off	10 years	48.10	HR.
9230	Scrubber, Floor	10 years	Set Rate Locally	HR.
9440	SeaSnake Camera	10 years	Set Rate Locally	HR.
9141	Sewer Cleaner	10 years	184.26	HR.
9241	Sewer Cleaner large, on trailer	10 years	20.50	HR.
9420	Shot Blaster, includes vacuum	5 years	1.16	HR.
9247	Shovel, over 200 hp	10 years	113.40	HR.
9142	Shredder, Dirt	10 years	306.24	HR.
9149	Sign Maker	10 years	29.32	HR.
9428	Sign Trailer, with auger and lift	10 years	12.62	HR.
9414	Skid Steer Mounted Shoulder Machine	10 years	16.82	HR.
9296	Snow Blower, powered by engine, rotary plow, integral unit, used exclusively for snow plowing and uses motor fuel	10 years	237.22	HR.
9095	Snow Blower, rotary, hydraulic or PTO driven, does not use fuel	10 years	142.58	HR.
9404	Snow Blower, rotary, powered by engine, uses motor fuel	10 years	335.36	HR.
9091	Snow Pusher	10 years	36.64	HR.

Class	Description	Estimated Life	Rate	UOM
9111	Speed Monitor (all)	10 years	19.36	/day
9155	Spray Bar Applicator, multiple purpose, including anti-icing liquid application system, with ground speed controller, to include tank, spray bar, pump, nozzles and hardware (either slide in, stand alone or pull behind) with tank size from 0 to 2000 gallons , non plow truck	8 years	56.26	HR.
9255	Spray Bar Applicator, multiple purpose, including anti-icing liquid application system, without ground speed controller, to include tank, spray bar, pump, nozzles and hardware (either slide in, stand alone or pull behind) with tank size from 0 to 2000 gallons , non plow truck	8 years	23.40	HR.
9256	Spray Bar Applicator, multiple purpose, including anti-icing liquid application system, with ground speed controller, to include tank, spray bar, pump, nozzles and hardware (either slide in, stand alone or pull behind) with tank size from 2001 gallons and greater , non plow truck	8 years	36.54	HR.
9257	Spray Bar Applicator, multiple purpose, including anti-icing liquid application system, without ground speed controller, to include tank, spray bar, pump, nozzles and hardware (either slide in, stand alone or pull behind) with tank size from 2001 gallons and greater , non plow truck	8 years	39.88	HR.
9156	Spreader, Mini	8 years	Set Rate Locally	HR.
9349	Spreader, v-box insert, small, self-contained	8 years	69.06	HR.
9152	Stump Cutter, hydraulic	10 years	59.24	HR.
9150	Stump Cutter, self powered	10 years	42.46	HR.
9163	Survey Equip	10 years	18.26	HR.
9162	Survey Equip GPS	10 years	9.32	HR.
9165	Survey Equip GPS	6 years	20.04	HR.
9161	Survey Equip Instrument	10 years	Set Rate Locally	HR.
9160	Survey Equip Total Station	10 years	48.64	HR.
9258	Sweeper, Floor	5 years	79.52	DAY
9356	Sweeper, Lawn	10 years	Set Rate Locally	HR.
9357	Sweeper, regen., mtd. on 2 axles	10 years	Set Rate Locally	HR.
9416	Temporary Portable Rumble Strips (6 strip set, includes carrier)	5 years	81.30	DAY
9430	Tow Plow	10 years	112.72	HR.
9168	Trailer, Construction Shed	10 years	40.36	DAY
9265	Trailer, Live Bottom (w/ conveyor)	7 years	Set Rate Locally	HR.
9159	Transit, Laser	10 years	5.60	HR.
9426	Tree Shears, excavator attachment	5 years	68.64	HR.
9177	Trench Compactor	10 years	70.46	HR.
9176	Trencher	10 years	Set Rate Locally	HR.
9175	Trenching Shield	10 years	333.24	DAY
9061	Truck Bed System, hot box	10 years	7.08	HR.
9418	Truck Mount Mower, includes truck, boom and power source	10 years	77.38	HR.
9275	Truck, Mobile Public Assistance Vehicle	5 years	21.24	HR.
9375	Vacuum, (Jet Vac)	10 years	70.72	HR.
9377	Vegetation Unit	10 years	20.70	HR.
9286	Welder and Generator (engine driven)	10 years	25.64	HR.
9198	Wrench for train cars	7 years	36.00	HR.