

**APPENDIX 4
GUIDELINES FOR AUTHORIZATION AND USE OF STANDARD
STATE VEHICLES BY CLASSIFICATION**

SEDANS

Passenger cars, marked and unmarked cars

<u>Type</u>	<u>Description</u>
1	Standard State Sedan (Gasoline): Normal staff/client transportation for driver and up to four passengers with limited trunk or storage space.
1-E	Fully Electric Compact Sedan: Fully electric vehicle capable of traveling at least 30 miles between charging.
1-H	Hybrid State Sedan: Same as Type 1 except fueled by combining a gasoline engine with a powerful electric motor.
1-M	Standard Mid-Size Sedan: Normal staff/client transportation for driver and up to four passengers with full trunk and storage space.
1-PH	Plug-In Hybrid Sedan: Same size as a Type 1 and fueled by combining a gasoline engine with a powerful electric motor.
2-C	Flex-Fueled Executive Sedan: May be fueled solely by ethanol (E-85), unleaded gasoline, or a mixture of the alcohol fuel and gasoline from the same tank.
2-H	Hybrid Executive Sedan: Fueled by combining a gasoline engine with a powerful electric motor.
2-PH	Plug-In Hybrid Executive Sedan: Fueled by combining a gasoline engine with a powerful electric motor.
3-1	Standard Maryland State Police (MSP) Sedan, Unidentified (Non-Ethanol): For use by MSP, Natural Resources Police, and line public safety functions with statutory arrest powers authorized to carry firearms and make arrests as part of routine duty.
4	Standard Law Enforcement Sedan (All-Wheel Drive (AWD)): For use by MSP, Natural Resources Police, and other law enforcement units in line operations that require a vehicle with more capability and interior room than the Type 1 Standard State Sedan.

LIGHT TRUCKS AND VANS (LTVs)

Light trucks and vans including pickup trucks, cargo, and carry-all vans with maximum rated payload of 2,500 pounds or less, and passenger vans with 12 passenger capacity (with the driver).

<u>Type</u>	<u>Description</u>
5	Compact Pick-up Truck: General light hauling where cargo/payload should not exceed 1,000 lbs. Not recommended for snowplow operation.

- 6-C **Flex-Fueled ½-Ton Pick-up Truck (Ethanol E-85):** General light hauling where cargo/payload should not exceed 1,500 lbs. Option available for 4 x 4 when necessary for off-road and grounds maintenance. May be fueled solely by ethanol (E-85), unleaded gasoline, or a mixture. Not recommended for snow plowing.
- 6-P **Police Special Service - 1/2-Ton Pick-up Truck (Unleaded gasoline):** Not recommended for snow plowing; has a V8 engine.
- 7 **¾-Ton Pick-up Truck:** General light hauling where cargo/payload should not exceed 2,500 lbs. Option available for 4 x 4 when necessary for off-road, grounds maintenance, or snow plow operation.
- 8 **1-Ton Pick-up Truck with Regular Cab:** General light hauling where cargo/payload does not exceed 3,500 lbs. Option for 4 x 4 available when necessary for off road, grounds maintenance, or light snow plowing.
- 9 **Part-time Four Wheel Drive Compact Utility Vehicle with Console:** For off-road transport and as justified based on job function and established criteria.
- 9-P **Flex-Fueled Part-time All Wheel Drive Compact Utility Vehicle (Ethanol E-85):** May be fueled solely by ethanol (E-85), unleaded gasoline, or a mixture of alcohol fuel and gasoline from the same tank. For off-road transport and as justified based on job function and established criteria.
- 10-1 **Part-time Four Wheel Drive Full Size Utility Vehicle with Extended Cab:** Restricted to those agencies towing 6,000 to 8,000 pounds and carrying payloads of 1,300 to 1,700 pounds. For off-road transport and as justified based on job function/established criteria.
- 10-C **Part-time Four Wheel Drive Full Size Utility Vehicle with Console (Ethanol E-85):** Restricted to those agencies towing 6,000 to 8,000 pounds and carrying payloads of 1,300 to 1,700 pounds. For off-road transport and as justified based on job function and established criteria; may be fueled solely by ethanol (E-85), unleaded gasoline, or a mixture of the alcohol fuel and gasoline from the same tank.
- 10-M **Part-time Four Wheel Drive Mid-Size Utility Vehicle:** Recommended for towing up to 5,000 pounds and carrying payloads of 12,000. For off-road transport and as justified based on job function and established criteria.
- 10-P **Two Wheel Drive Full-Size Utility Police Pursuit Certified Vehicle:** For use by law enforcement officers in pursuit, possibly off-road. Not recommended for towing.
- 11 **Five Passenger Mini-Wagon/Van:** Passenger/client transport with more cargo space than in the Standard Sedan.
- 11-1 **Mobility Mini-Van:** This vehicle is used as a paratransit vehicle, providing transportation for ambulatory passengers and having the capability to accommodate one or two wheelchair passengers.
- 11-C **Five Passenger Mini-Wagon/Van (Ethanol-85):** Passenger/client transport with more cargo space than in the Standard Sedan; may be fueled solely by ethanol (E-85), unleaded gasoline, or a mixture of the alcohol fuel and gasoline from the same tank.

- 13-C **Flex-Fueled Full-Size Eight (8) Passenger Specialty Wagon/Van:** Passenger/client transport; may be fueled by ethanol (E-85), unleaded gasoline, or a mixture of alcohol fuel and gasoline from the same tank.
- 14-C **Flex-Fueled Full-Size Twelve (12) Passenger Wagon/Van:** Passenger/client transport; may be fueled by ethanol (E-85), unleaded gasoline, or a mixture of alcohol fuel and gasoline from the same tank.
- 17-C **Full-Size ¾-Ton Specialty Cargo Van:** May be fueled solely by ethanol (E-85), unleaded gasoline, or a mixture of alcohol fuel and gasoline from the same tank.
- 18 **Full Size 1 Ton Cargo Van:** General light hauling and utility work where cargo/payload does not exceed 3,600 lbs. Cargo/payload rides in same compartment as driver and passenger. Often used for building maintenance assignments where cargo/payload should not be transported in unprotected open bed pick-up trucks.

HEAVY TRUCKS

Trucks with a maximum rated capacity of over 2,500.

<u>Type</u>	<u>Description</u>
19	Truck – 1 Ton Dump – Regular Cab: General grounds and building maintenance such as hauling hand-loaded dirt, cinders, rock salt, and debris. 4 x 4 option available when necessary for off-road operation and medium-duty snowplowing.
19-1	Truck - 1-Ton Crew Cab & Chassis Dump: Same as Type 19 except equipped with 6-man crew cab. Can be fitted with the following body types: Type 19-2 - Stake Body with Hydraulic Tailgate Type 19-3 - Dump Stake Body Type 19-4 - Dump Stake Body with Hydraulic Tailgate Type 19-5 - 12' Van Body with Hydraulic Lift Gate
20	Truck - Regular Cab and Chassis - 16,000 lbs. Gross Vehicle Weight Rating (GVWR): Used for general hauling of materials loaded by hand or power shovel. Can be fitted with the following body types: Type 20-1 - Stake Body Type 20-2 - Stake Body with Hydraulic Tailgate Type 20-3 - Dump Stake Body Type 20-4 - Dump Stake Body with Hydraulic Tailgate Type 20-5 - 14' Van Body with Hydraulic Lift Gate
21	Truck – Regular Cab and Crew Cab Dump - 36,000 lbs. GVWR: Required for general highway maintenance such as hauling crushed stone, heavy rock, dirt, cinders, rock salt, and debris; heavy-duty snow removal by pushing a 10' snow plow of approximately 1,500 to 2,000 lbs. Type 21-2 – Stake Body with Hydraulic Tailgate Type 21-3 – Dump Stake Body Type 21-4 – Dump Stake Body with Hydraulic Tailgate Type 21-5 – 14' Van Body with Hydraulic Lift Gate

- 22 **Truck – Regular Cab Dump - 21,000 lbs. GVWR:** For general hauling of materials loaded by hand or power shovel. Can be used with 9' maximum width snowplow.
- 23 **Police Motorcycle:** Motorized vehicle for law enforcement agencies with arrest powers. Used for patrolling and other law enforcement activities.
- 24 **Aerial Bucket Truck:** Used for the installation and maintenance of overhead power lines, parking lot light standards, road signs, tree trimming, or other assignments involving work at heights not normally accessible to workers using ordinary step ladders or other forms of portable scaffolding. The characteristics of the cab and chassis are determined by the boom and bucket requirements.
- 25 **Wrecker Truck:** Used for the transport or towing of other motor vehicles or other mobile equipment (bulldozers, tractors, disabled vehicles, etc.) The characteristics of the cab and chassis are determined by the size and weight of the vehicle to be transported. Loaded by hand or power shovel. Can be used with 9' maximum width snowplow.
- 26 **Client Transport Bus:** Used to transport groups of more than 15 people (patients, prisoners, etc.). The characteristics of the particular unit (e.g., seating capacity and arrangements, security screening, etc.) are determined by the mission to be accomplished.
- 27 **Sewer Vac Truck:** Used by highway maintenance facilities to remove debris from roadside drainage systems. The characteristics of the cab and chassis are determined by the requirements of the vacuuming system.
- 28 **Road Sweeper Truck:** Used by highway maintenance facilities to remove debris from roads and bridges. The characteristics of the cab and chassis are determined by the requirements of the sweeping system.
- 29 **De-icer Truck:** Used by airports to apply de-icing fluid to aircraft. The characteristics of the cab and chassis are determined by the requirements of the de-icing system.
- 30 **High Speed Multi-Purpose Snow Removal Trucks:** Used to remove snow from airport runways. The characteristics of the cab and chassis are determined by the requirements of the de-icing system.
- 31 **Mobile Command Truck:** Used by State Law Enforcement units as a mobile command center and enables these units to direct operational activities from the field.
- 32 **Armored Personnel Vehicle:** Used by State Law Enforcement units to perform critical response and rescue operations in a safe, secure, and highly mobile armored vehicle.

BUS: A bus that has a seating capacity of more than 15 passengers, including those with modified capacity to accommodate the mission of the program (e.g., wheelchair lifts).

AIRCRAFT: Airplanes and helicopters including those designed to alight on water, and the associated ground support equipment (e.g., tugs, tow bars, auxiliary power units, etc.).

WATERCRAFT: All types of boats regardless of power source (sail, inboard, outboard, paddles, oars, etc.), boat trailers or other equipment (except sedans, LTVs, or trucks) used to transport watercraft over land, and all types of outboard motors, including electric.

RAIL VEHICLE: Any vehicle designed to operate on the rail system to include engines, subway cars, passenger cars, and all types of railway cargo carriers or rolling stock.

MISCELLANEOUS/OTHER: Any vehicle not covered by one of the other categories, including motorcycles, all-terrain vehicles, snowmobiles, road graders, farm tractors, riding mowers, trailer mounted motor-generator sets and/or air compressors, portable office trailers, motor homes, cargo trailers, equipment haulers, back hoes, trenchers, and other motorized equipment whose primary purpose does not include transport of persons or personal effects.

STANDARD PURCHASE PRICES FOR VEHICLES – FY 2023

Type No		Description	Estimated Vehicle Pricing
1	-	Compact Sedan or Wagon, Gas	\$17,941.00
1-E	-	Compact Sedan or Wagon, Electric	\$28,757.00
1-H	-	Compact Sedan or Wagon, Hybrid	\$24,899.00
1-PH	-	Compact Sedan or Wagon, Plug-In Hybrid	\$31,038.00
2	-	Mid-Size Sedan or Crossover, Gas	\$17,847.00
2-H	-	Mid-Size Sedan or Crossover, Hybrid	\$24,174.00
2-PH	-	Mid-Size Sedan or Crossover, Plug-In Hybrid	\$31,033.00
3	-	Full-Size Sedan (Executive Sedan)	\$23,249.00
3-C	-	Full-Size Sedan, Flex Fueled-E85 (Executive Sedan)	\$23,249.00
4-1-R6	-	Full Size Sedan, Certified Police Pursuit Rated, V-6 Engine, RWD	\$23,203.00
4-1-A8	-	Full Size Sedan, Certified Police Pursuit Rated, V-8 Engine, AWD	\$25,258.00
4-1-R8		Full Size Sedan, Certified Police Pursuit Rated, V-8 Engine, RWD	\$23,356.00
4H	-	Certified Police Pursuit Rated, 4 Cylinder, AWD, Hybrid	\$28,582.00
4-6-P	-	½ Ton Pick-up Truck, 4WD, 4x4, Police Special Services	\$26,695.00
4-9-P	-	Compact Utility Vehicle, AWD or 4x4, Certified Police Pursuit Rated	\$27,941.00
4-10-P	-	Mid-Size Utility Vehicle, AWD or 4x4, Certified Police Pursuit Rated	\$31,649.00
4-10-M-P	-	Mid-Size Utility Vehicle, AWD or 4x4 Certified Police Pursuit Rated	\$33,331.00
4-10M-PH	-	Mid-Size Utility Vehicle, AWD or 4X4 Certified Police Pursuit Rated	\$36,710.00
5	-	Mid-Size Pick-up Truck Extended Cab, RWD	\$23,582.00
5-1	-	Mid-Size Pick-up Truck, Extended Cab 4x4	\$26,393.00
6-C	-	½ Ton Pick-Up Truck (E-85) V6 Engine, 6.4ft. Extended Cab	\$24,575.00
7-L	-	¾-Ton Pick-up Truck, Gas (Crew Cab) 6.4ft. bed	\$27,948.00
7-X	-	¾ Ton Pick –up Truck, Gas (Extended Cab) 6.4ft. bed	\$23,151.00
7-R	-	¾ Ton Pick-up Truck, Gas (Regular Cab) 8ft. bed	\$22,899.00
8-L	-	1-Ton Pick-up Truck, Gas (Crew Cab) 6.4ft bed	\$30,256.00

Type No		Description	Estimated Vehicle Pricing
8-LL	-	1 Ton Pick-up Truck Gas (Crew Cab) 8ft. bed	\$30,475.00
8-X	-	1 Ton Pick-up Truck, Gas (Extended Cab) 6.4ft. bed	\$29,008.00
8-XX	-	1 Ton Pic-up Truck with Extended Cab & 8ft bed	\$28,550.00
8-R	-	1 Ton Pick-up Truck (Regular Cab) 8ft, bed	\$26,826.00
9	-	Compact Utility Vehicle Gas AWD or 4x4	\$21,420.00
9-H	-	Compact Utility Vehicle, Hybrid, AWD or 4x4	\$26,798.00
10	-	Full Size Utility Vehicle, AWD or 4x4	\$35,554.00
10-1	-	Full-Size Utility Vehicle, Extended, AWD or 4x4 , E-85	\$41,501.00
10-C	-	Full-Size Utility Vehicle, AWD or 4x4, E-85	\$34,554.00
10-M	-	Mid-Size Utility Vehicle, AWD or 4x4	\$26,469.00
11	-	Mini-Van/Wagon, 7 Passenger (formerly Compact Specialty)	\$23,376.00
11-PH	-	Mini-Van/Wagon, 7 Passenger, Plug-in, Hybrid	\$39,920.00
13	-	Full Size Van/Wagon, 12 Passenger	\$24,661.00
16	-	Mini Cargo Van/Wagon, Compact Specialty	\$17,238.00
17	-	¾ Ton Full Size Cargo Van	\$21,815.00
17-D	-	¾ Ton Full Size Cargo Van/Wagon	\$25,917.00
17-1	-	¾ Ton Full Size Cargo Van/Wagon, 4x4, Diesel	\$28,435.00
17-1-D	-	¾ Ton Full Size Cargo Van/Wagon, 4x4, Diesel	\$40,800.00