



FINAL REPORT

City of Santa Monica

FLEET UTILIZATION STUDY

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I. EXECUTIVE SUMMARY

A. BACKGROUND, SCOPE, AND METHODOLOGY

The City of Santa Monica (the City) municipal vehicle fleet consists of 796 units, ranging from sedans to construction equipment, and supports a City workforce of 2,300 employees. The value of the fleet, based on original purchase costs, is estimated at approximately \$72 million. An efficiency study of the City's Fleet Services Division, completed in March 2017, recommended the City conduct a utilization study to maximize the efficiency of the municipal fleet.

The study was conducted between August 2018 and February 2019, and consisted of four major phases: 1) project initiation and management, 2) fact finding, 3) analysis of fleet utilization, and 4) reporting.

The objectives of this utilization study are to quantify underutilization of units, identify opportunities for efficiency gains, and offer alternative means of transportation where appropriate. There are two main components of a fleet utilization study: 1) utilization analysis and 2) vehicle cost analysis. Utilization analysis determines how much and how often vehicles and equipment are used. Vehicle cost analysis determines the most economical means of transportation by comparing the costs of an assigned City vehicle or piece of equipment with alternative means of transportation.

To accomplish the study objectives, a methodology was employed that segregated vehicle and equipment classes into functional categories and then calculated the average miles/hours for each category. A formula was applied to this information to determine a high-, medium-, and low- use rating for each vehicle and piece of equipment in the fleet. Underutilized units were identified and considered as potential candidates for reassignment, downgrading, or disposal. These units were further evaluated in discussions with department representatives, during which suitable alternative means of transportation were explored. Possible alternative means of transportation include pooling, renting, leasing, or replacing with other more efficient and economical units.

B. RECOMMENDATIONS

The recommendations within this study relate to three broad categories: cost and utilization analysis; fleet reductions, pooling, and reassignments; and vehicle assignment policies.

The City's fleet management approach should be both efficient and customer-focused. While it is important that the fleet size align with industry standards, it is equally important that the City's operating services are not adversely impacted by any fleet reductions. City departments provided input to ensure that this balance would be achieved. By reducing the fleet, the City will achieve cost savings and benefits from both the one-time sale of surplus vehicles and equipment and from the elimination of ongoing operating, maintenance, and depreciation costs that are no longer necessary. Implementing the recommendations included into this report translates to a potential savings of \$188,485 in the first year and \$2,156,350 over 10 years. Additionally, a number of recommendations focus on more accurate utilization tracking and distribution of fleet costs supported by the establishment of rental rates that reflect all pool overhead costs.



RECOMMENDATIONS

Utilization and Cost Analysis	
1	Update the fleet inventory after initial recommendations in this report have been implemented, level the fleet on an annual basis, and reestablish a baseline and complete a utilization analysis, including assessing utilization categories, every two years thereafter.
2	Update guidelines and policies that support the most cost-effective means of transportation and periodically update the cost analyses.
Fleet Reductions, Pooling, and Reassignment	
3	Right-size the fleet based on results of the utilization analysis, which identified 40 units as potential candidates for reduction, reassignment, or pooling.
4	Transfer the responsibility of the City's centralized motor pool to Fleet Services and modify the pool dispatching process.
5	Develop central motor pool rates to recover ownership and operational costs of all units.
6	Expand the City's central motor pool by utilizing existing City vehicles and/or rental cars to provide access to vehicles that may be needed due to the surplusing of underutilized vehicles.
7	Train employees on the guidelines and policies for determining when to use a City vehicle, mileage reimbursement, or a rental vehicle.
8	Expand the composition of the shop loaner pool.
9	Establish a new central heavy equipment pool, supplemented with rentals, to provide access to equipment that may be needed due to the surplusing of underutilized equipment and require all requests for heavy equipment rentals to be processed and approved through Fleet Services.
10	Develop rental rates to recoup all ownership and operational costs of each unit in the central heavy equipment pool.
11	Establish a City Yard facility administrative pool, supplemented with rentals, to provide access for various administrative employees
12	Develop rental rates to recoup all ownership and operational costs of each unit in the City Yard facility administrative pool.
Vehicle Assignment Policies	
13	Review all current vehicle take-home authorizations and justify approvals based on miles traveled and number of call-outs.



II. BACKGROUND, SCOPE, AND METHODOLOGY

A. BACKGROUND

The City's municipal vehicle fleet consists of 796 units, ranging from sedans to construction equipment, and supports a City workforce of approximately 2,300 employees. The value of the fleet, based on current replacement costs, is estimated at approximately \$70 million. An efficiency study of the City's fleet, completed in March 2017, recommended the City conduct a utilization study to maximize the efficiency of the municipal fleet.

Over time, municipalities inevitably end up with vehicles that are not essential to their operations, causing the fleet to expand. This "fleet creep" typically goes undetected as years pass due to multiple contributing factors, including keeping vehicles and equipment that have been replaced by newer units, adding "free" surplus equipment or grant-obtained vehicles to the fleet, and reassigning high-use units to low-use applications. A lack of economic incentives and policy guidelines for acquisition and usage of vehicles can further contribute to excess and underutilized vehicles.

B. SCOPE AND METHODOLOGY

The purpose of this study is to identify underutilized vehicles and equipment, recommend alternative methods for City transportation needs, and develop a city-wide fleet utilization policy. The study was conducted between August 2018 and February, 2019 and consisted of four major phases: 1) project initiation and management, 2) fact finding, 3) analysis of fleet utilization, and 4) reporting.

There are two main components of a fleet utilization study: 1) utilization analysis, and 2) vehicle cost analysis. Utilization analysis determines how much and how often vehicles and equipment are used. Vehicle cost analysis determines the most economical means of transportation by comparing the costs of an assigned City vehicle or piece of equipment with alternative means of transportation. Alternatives include departmental and centralized light-duty pooling, heavy equipment pooling, commercially available rental vehicles and equipment, and reimbursing employees to use their personal vehicles to conduct City business.

Each department's permanently assigned and temporary vehicle requirements were analyzed to determine how best to accomplish the City's business objectives utilizing one of the following means of transportation:

- Permanently assigned City vehicles
- Departmental pooling
- City-wide pooling
- Renting/leasing

Vehicle utilization is typically measured by miles driven on an annual basis. However, mileage alone is not always the best indicator of usage, since annual mileage varies by the type of vehicle. Functional categories have been defined to be used in conjunction with metered and non-metered units to develop utilization criteria that are unique to each functional category and the City. Additionally, the City's use of pooled vehicles and personal mileage reimbursement were evaluated.



In this study, vehicles and equipment were separated into the following **eight functional categories** (described in detail later in this report):

- General Use Vehicles
- Mobile Workstation Vehicles
- Project or Short-term Fixed Duration Vehicles
- Specially Designed/Modified Emergency Vehicles and Equipment
- Specially Designed/Modified Vehicles and Equipment
- Construction/Allied Equipment
- Miscellaneous Equipment – Metered
- Miscellaneous Equipment – Non-Metered

The City's fleet inventory was then reconciled against these categories to the extent possible. Key objectives of this analysis were to identify underutilized units and units not being used as intended and offer alternative means of transportation that are more economical. To accomplish this, fleet usage criteria were established for new vehicle and equipment requests as well as annual usage standards for retaining units. It should be noted that establishing minimum usage criteria (low usage) is a starting point at which to evaluate whether a fleet unit should be retained or added to the fleet. Each fleet unit requires further analysis to determine its intended use and if it can be accomplished by other more cost effective and efficient manner.

Data Collection and Analysis

This analysis is based on data provided by the City, which has some limitations. Vehicle and equipment usage data typically comes from fleet software and fuel management systems. However, Fleet Services was unable to provide up-to-date vehicle and equipment usage data because they are in the process of obtaining a new fleet management system. This, coupled with the fact that Fleet Services' maintenance program is time-based rather than miles/hours-based, meant that up-to-date utilization information was not available. Consequently, we had to rely on life-to-date usage data provided by a fleet utilization questionnaire instead of the most recent 12 months of usage that we typically analyze.

Departments were asked to complete this questionnaire for each unit within their jurisdiction. The questionnaire was designed to determine each unit's intended use, the equipment and loads it transports, its destinations, and its frequency of use—including miles and hours for each unit. A number of incomplete fleet questionnaires were returned, which resulted in follow-up phone calls and in-person interviews to obtain the requested information. Additionally, there are an unknown number of vehicles that are not managed by Fleet Services, either because they were procured independently, or they were identified for surplus and then kept by the department.

After we reviewed the questionnaires, each unit was assigned to one of eight functional categories. Usage data (hours or miles) were analyzed and minimum usage standards for each functional category were developed. Each unit was then classified as having high, medium, or low usage. Underutilized units were identified and interviews were conducted with key managers and supervisors to further discuss these units and explore alternative means of transportation. Based on the usage analyses and interviews, recommendations for re-assignment, pooling, or downgrading were made.



Reductions in the City's fleet were developed along with an estimate of the associated salvage value, annual maintenance and repair cost savings, and replacement cost savings.



III. FLEET UTILIZATION ANALYSIS

A. UTILIZATION ANALYSIS

Vehicle and Equipment Functional Categories

For the purposes of this study, the City's vehicle and equipment fleet was divided into eight functional categories under two broad classifications: General Use, which contains three functional categories, and Special Use, which contains five functional categories. Special Use vehicles are specially designed, outfitted, or configured for a single activity or are used solely in support of a single activity. Each of the functional categories is described below.

General Use

- **General Use Vehicles:** These are vehicles without special equipment for transporting personnel and material. These vehicles are readily subject to rotation between high- and low-mileage assignments. Specific examples in the City's fleet include sedans, vans, SUVs, and light trucks.
- **Mobile Workstation Vehicles:** Mobile workstation vehicles transport craft workers, tools, and equipment needed for specialized work. They frequently have specialized equipment installed. They normally have mileage criteria for replacement and may be rotated with other general use vehicles by transferring any specialized equipment at a minimal cost. Examples of equipment specific to these vehicles include two-way radios, cross-boxes, camper shells, utility bodies, mounted equipment, small cranes, hydraulic lift gates, and racks. Specific examples in the City's fleet include vans, light and medium trucks, and flatbed trucks.
- **Project or Short-term Fixed Duration Vehicles:** These are vehicles required for a specific project or activity for a fixed/short amount of time. They are typically rented or leased from local commercial rental agencies if they not readily available in the City's light- and heavy-duty equipment pools.

Special Use

- **Specially Designed/Modified Emergency Vehicles and Equipment:** Some vehicles and equipment are unique to the function of emergency response and are outfitted or configured with radios, light bars, computers, etc. These vehicles support activities required by law or policy to be available at all times to respond to emergencies or unusual events. Examples include police patrol units, police motorcycles, fire apparatus, and ambulances.
- **Specially Designed/Modified Vehicles and Equipment:** Some vehicles and equipment are uniquely designed or modified for a particular job requirement. These are vehicles that are specially outfitted or configured for a single activity or used solely in support of a single activity. These vehicles have either:
 - Permanently installed features that cannot be economically used for any purpose other than the one for which they were designed; or
 - Transfer of equipment to allow rotation with other vehicles would require extensive modification of the unit and/or adversely impact safety

Examples include dump trucks, utility trucks, digger derricks, boom trucks, sewer cleaners, and street sweepers.



- **Construction/Allied Equipment:** These include mobile equipment or other construction equipment that is designed for a specific use and has unique design features. This equipment is typically measured in hourly usage rather than in mileage. This category of equipment normally cannot be utilized for general use. Examples include backhoes, loaders, tractors, graders, and auxiliary engines.
- **Miscellaneous Equipment – Metered:** This equipment has hour meters. Examples include generators, compressors, forklifts, gang mowers, and golf carts.
- **Miscellaneous Equipment – Non-Metered:** This equipment does not have meters but may include gas- or electric-powered riding and non-riding equipment. Examples include trailers and sprayers.

The City's 796-unit fleet is broken down in Table 1 by the eight functional categories:

TABLE 1: THE CITY'S FLEET UNITS BY FUNCTIONAL CATEGORY		
No.	Functional Category	Units
General Use		
1	General Use Vehicles	82
2	Mobile Workstation Vehicles ¹	170
3	Project or Short-Term Fixed Duration Vehicles ¹	3
Special Use		
4	Specially Designed/Modified Emergency Vehicles and Equipment	253
5	Specially Designed/Modified Vehicles and Equipment	105
6	Construction/Allied Equipment	26
7	Miscellaneous Equipment – Metered	99
8	Miscellaneous Equipment – Non-Metered*	58
Total		796

1. Note: Utilization standards were not computed for 58 pieces of miscellaneous, non-metered equipment, 21 shop loaner pool units, or three rent/leased units.

Utilization Criteria

Utilization criteria are developed in two steps. First, an average use per vehicle and equipment for each class was developed within each functional category. Second, the minimum utilization standard required to justify the retention of each in the fleet was determined. Recommended utilization criteria for each vehicle and equipment class are presented in the tables below.



Several factors impacted the ability to develop averages for some vehicle and equipment classifications. For example, “like year units” within the same functional category had odometer readings that varied considerably. This is partially a result of units not being salvaged when they are due for replacement, being kept in the fleet as spares or pool units or being reassigned to other departments. As a result, it is difficult to compute the average miles and hours of use for these units. Utilization data, typically the responsibility of Fleet Services, was either not available or was based on last the last time a unit was serviced. As a result, we had to rely on meter readings supplied to us from the questionnaires that departments filled out.

Units Measured in Miles

Average vehicle usage based on miles was computed using the information contained on the questionnaires that departments completed. The data used as the basis for evaluating the mileage usage of each unit is presented in Appendix A. “Low-Use,” “Medium-Use,” and “High-Use” ranges for class groupings are designated as “L,” “M” or “H” accordingly. “NA” refers to units that were not able to be classified due to insufficient or questionable data.

All mileage type classes were assigned to a functional category. Similar classes were grouped together and average yearly miles were computed based on life-to-date usage. These figures were cross-checked with the average yearly usage over the life of each unit to identify any large variations. The usage criteria were then applied to the yearly miles to arrive at “Low-Use,” “Medium-Use,” and “High-Use” ranges for class groupings, as described in Table 2. These usage criteria became the basis for the justification range for all units measured in miles.

TABLE 2: USAGE CRITERIA, UNITS MEASURED IN MILES	
Usage	Description
High-Use	Use exceeds 80% of yearly average mileage
Medium-Use	Use falls between 50% and 80% of yearly average mileage
Low-Use	Use is less than 50% of yearly average mileage

For example, the annual average mileage for all 82 vehicles within the General Use Vehicle category was computed at 3,019 miles per year. By applying the usage criteria above, average high-, medium-, and low-mileage usage ranges were developed and used to justify a unit. As a result, any unit averaging more than 2,415 miles per year (80% of 3,019 miles) would be considered high-use, units averaging between 1,509 and 2,415 miles per year (between 50% and 80% of 3,019 miles) would be considered medium-use, and units averaging less than 1,500 miles per year (50% of 3,019 miles) would fall into the low-use category.

Units Measured by Hour Meters

Average vehicle usage based on hours was computed using the information contained on the questionnaires that departments completed. Appendix B presents the data used as the basis for evaluating the hourly usage of each unit. “Low-Use,” “Medium-Use,” and “High-Use” ranges for class groupings are designated as “L,” “M” or “H” accordingly. “NA” refers to units that were not able to be classified due to insufficient or questionable data.



All units measured by hours were assigned to one of two functional categories: Construction/Allied Equipment or Miscellaneous Equipment – Metered. Similar classes were grouped together, and their average yearly hours were computed based on life-to-date usage. These averages were cross-checked with the average yearly usage over the life of the unit to identify any large variations. The usage criteria were applied to the yearly hours to arrive at low-use, medium-use, and high-use” ranges for class groupings, presented in Table 3. These usage criteria became the basis for the justification range for all units measured by hour meters.

TABLE 3: USAGE CRITERIA, UNITS MEASURED BY HOUR METERS	
Usage	Description
High-Use	Use exceeds 80% of yearly average hours
Medium-Use	Use falls between 50% and 80% of yearly average hours
Low-Use	Use is less than 50% of yearly average hours

For example, the annual average hours for all eight backhoe/loaders within the Construction/Allied Equipment category was calculated at 328 hours per year. By applying the usage criteria to this average, the high, medium, and low ranges were developed. As a result, any unit that utilized more than 262 hours per year (80% of 328 hours) would be considered “High-Use,” any unit that utilized between 164 and 262 hours per year (between 50% and 80% of 328 hours) would be considered “Medium-Use,” and units using under 164 hours per year (50% of 328 hours) would fall into the “Low-Use” category.

TABLE 4: SUMMARY OF THE CITY’S FLEET USAGE			
Usage	Miles Metered	Hour Metered	Total Units
High-Use	337	36	373
Medium-Use	93	6	99
Low-Use	118	35	153
Not Applicable ¹ -	56	33	89
Total	604	109	714

1. These units were not able to be classified due to insufficient or questionable data.

¹ Note: There is no industry standard regarding the percentages used to determine low, medium and high usage. It is merely a calculation to identify what units fall within miles an hour thresholds as a starting point to analyze the frequency of use. Once the minimum miles/hour thresholds have been established, the City can use them as a means to justify ongoing use and to justify whether a request for a new unit be granted



B. VEHICLE COST ANALYSIS

The City may provide necessary transportation by assigning City-owned, general use vehicles, making pooled vehicles available, renting or leasing from commercial agencies, or reimbursing employees for the use of their vehicles. The costs of these alternatives were evaluated using two breakeven analysis methods, monthly cost comparison and single trip cost comparison, to help determine which alternative to use depending on the miles driven.

Breakeven analysis is utilized to determine the point at which an enterprise moves from a loss to a profit position. In fleet management, this is the point at which a fleet can own, operate, and maintain a vehicle more economically than reimbursing a City employee to drive a personally owned vehicle, use a City motor pool unit, or provide a commercial rental vehicle.

Mileage reimbursement for use of a personal vehicle in conducting City business is tied to the Internal Revenue Service (IRS) rate. Between July 1, 2017 and June 30, 2018, a total of \$27,948 was paid in mileage reimbursement representing 351 transactions², according to the City's Finance Department records. This represents a total of approximately 51,773 miles based on the City's mileage reimbursement rates, which ranged between \$0.535/mile and \$0.545/mile during this period. Roundtrips ranged from 3.5 miles at a cost of \$1.91 to 940 miles that cost \$502.90. The 51,773 miles that employees drove their personal vehicles over a 12-month period equates to about 17 assigned vehicles based on the average annual miles traveled by a general-purpose City sedan. Records obtained from the City's Finance Department did not indicate the destinations or purpose of the trips.

Breakeven Analysis: Single Trip Cost Comparison

Table 5 (on pages 9 and continued on page 10) shows the cost comparison for single trips based on various mileage thresholds. It compares the costs of checking out a City pool vehicle (a Honda Civic GX) with the costs to reimburse an employee for using their personal vehicle or renting a vehicle from a commercial rental car firm. A full breakeven analysis is presented using ownership and operational costs including current fuel costs and IRS reimbursement rates in the following tables. This example applies to a general use pool vehicle.

This analysis demonstrates that, for a single roundtrip of less than 38 miles, it is more economical for the City to reimburse an employee for mileage rather than use a City pool vehicle (see figures highlighted in green). For roundtrips of more than 96 miles, it is more economical for the City to rent a commercially available vehicle (see figures highlighted in blue). For example, renting a car for trips to Anaheim would be more economical than using a City vehicle or paying mileage reimbursement.

TABLE 5: SINGLE TRIP BREAKEVEN POINT FOR A CITY-OWNED POOL VEHICLE COMPARED TO PERSONAL CAR REIMBURSEMENT AND RENTING A VEHICLE			
Roundtrip Miles Traveled Daily	City Pool Vehicle- Honda Civic GX Ownership and Operational Costs ¹	Cost to Reimburse for Use of Personal Car at \$0.58/mile ²	Enterprise Daily Rental Costs for Hybrid Electric Vehicle (includes fuel) ³
5	\$8.08	\$2.90	\$42.21

² Some transactions included multiple trips as employees at times will combine their mileage into one monthly claim.



TABLE 5: SINGLE TRIP BREAKEVEN POINT FOR A CITY-OWNED POOL VEHICLE COMPARED TO PERSONAL CAR REIMBURSEMENT AND RENTING A VEHICLE

Roundtrip Miles Traveled Daily	City Pool Vehicle- Honda Civic GX Ownership and Operational Costs ¹	Cost to Reimburse for Use of Personal Car at \$0.58/mile ²	Enterprise Daily Rental Costs for Hybrid Electric Vehicle (includes fuel) ³
10	\$10.18	\$5.50	\$42.42
20	\$14.38	\$11.60	\$42.83
30	\$18.58	\$17.40	\$43.25
38	\$21.94	\$22.04	\$43.60
40	\$22.78	\$23.20	\$43.67
50	\$26.98	\$29.00	\$44.08
60	\$34.78	\$34.80	\$44.50
80	\$39.58	\$46.40	\$45.29
96	\$46.30	\$55.68	\$45.03
100	\$47.98	\$58.00	\$46.17
200	\$89.98	\$116.00	\$58.80
300	\$131.98	\$174.00	\$67.20

1 The City's pool vehicle costs are detailed in the table below.

2. 2019 IRS rate.

3. Assumes that one-half of roundtrip miles are traveled under electric power and the other half on gasoline. Daily rental costs of \$42.00 taken from Enterprise Rent-A-Car contract with the State of California.

4. In Table 5 above, figures shaded in green reflect the mileage point at which the cost of reimbursing an employee to use their personal vehicle exceeds the cost of a City pool vehicle. Figures shaded in blue reflect the mileage point at which the cost of a City pool vehicle exceeds the cost of renting a vehicle.

TABLE 6: THE CITY'S COSTS

Category	Cost
Cost of 2015 Honda Civic GX (CNG)	\$21,719
Less Salvage Value (10%)	(\$2,172)
Total	\$19,547
Divide by Life of Vehicle (Months)	144
Ownership Cost/Year	\$1,628.92



TABLE 6: THE CITY'S COSTS	
Category	Cost
Ownership Cost/Month	\$135.74
Ownership Cost/Day	\$5.98
Maintenance & Repairs (average) ¹	\$0.27/Mile
Fuel	\$0.15/Mile
Total Cost Per Mile for Maintenance, Repairs, and Fuel	\$0.42/Mile

1. Average cost of maintenance and repairs taken from sample of five Honda Civic GXs.



IV. OBSERVATIONS AND RECOMMENDATIONS

A. UTILIZATION AND COST ANALYSIS

Utilization Analysis

Recommendation 1: Update the fleet inventory after initial recommendations in this report have been implemented, level the fleet on an annual basis, and reestablish a baseline and complete a utilization analysis, including assessing utilization categories, every two years thereafter.

The utilization criteria presented above was applied to the City's current fleet of 714 units to establish the usage distribution of the fleet. Not included were 58 non-metered units, 21 shop loaner units and 3 rent/leased units. The results of the analysis, shown in [Table 4](#), indicate that 153, or 21%, of metered vehicles and equipment in the fleet are considered low-use units.

The City should continue to track both miles and hours utilized for all vehicles and equipment in the fleet, and reevaluate the utilization criteria for low-, medium-, and high-usage units on a regular basis. Regularly assessing utilization categories will ensure that fleet management decisions align with evolving business needs and strategic goals. City-wide fleet leveling should occur on an annual basis, with in-depth utilization analysis every two years. The same eight functional categories outlined in this report are appropriate for all units unless their function has changed. During each update, Fleet Services should review the need for units that are not meeting the established usage criteria with department directors.

The formula for calculating low, medium, and high mileage and hourly utilization is constructed in a manner that enables annual review and adjustment. Elements of the formula, such as downtime and fueling time, can vary with changes in fleet age, maintenance practices, and units removed from service. An annual review of the calculations should be made, as appropriate.

Actual miles and hours per year and per class should also be tracked during the next year. The percentage formula will remain the same, but adjustments to the annual miles and hours may be made based on the average for each vehicle and equipment classification.

Vehicle Cost Analysis

Recommendation 2: Update guidelines and policies that support the most cost-effective means of transportation and periodically update the cost analyses.

A city's vehicle use policy establishes procedures for the assignment of city vehicles. It also addresses take-home vehicles and mileage reimbursement for employees using their personal vehicles for city business. As addressed in the 2018 Fleet Efficiency Study, the City's vehicle use policies and procedures should be updated to adhere to best practice. The policy should include requirements for all vehicles and equipment to be purchased, managed, and surplus by Fleet Services, and included in the fleet management system; without full fleet data, the City is unable to effectively manage all fleet assets.

The City should update its vehicle use and mileage reimbursement policies to more effectively manage travel-related costs. Depending on the situation, it may be to the City's advantage for



employees to use their personal vehicles, use City motor pool units (which would increase the average monthly pool vehicle mileage), or make better use of existing permanently assigned department vehicles rather than retaining the low-use City vehicles identified in this report. Given increasing fuel costs and the impact on vehicle costs, annually updating the breakeven analysis will help ensure the most economical means of transportation for certain trips are reflected in City policies.

With direct mileage reimbursement, the City only pays for transportation when a private vehicle is driven compared to the total costs associated with owning a vehicle that may not be utilized consistently. Motor pools, which are discussed below, are commonly used in government and corporate fleets to minimize the size of the fleet and maximize the use of existing fleet vehicles. However, in some cases the City may want employees to use fleet vehicles because they can be identified by driving in vehicles with City markings.

B. FLEET REDUCTIONS, POOLING, AND REASSIGNMENT

Fleet Reductions

Recommendation 3: Right-size the fleet based on results of the utilization analysis, which identified 40 units as potential candidates for reduction, reassignment, or pooling.

Fleet reductions can be accomplished by selling units or reassigning underutilized units to a vehicle or equipment pool. A total of 40 vehicles and equipment were identified as candidates for reduction, reassignment, or pooling based on a review of utilization data, information obtained from the fleet survey, and interviews with the various City departments. (Specific vehicles and equipment are listed in Appendix G.) Of the 40 units:

- Sixteen are recommended for disposal
- Nine are recommended for reassignment to a new central heavy equipment pool at the City Yard Facility
- Four are recommended to be reassigned and added to the City's existing central motor pool
- Four are recommended for designation as shop loaner vehicles, adding to the existing shop loaner pool
- Five are recommended to be reassigned from various Public Works divisions to a new City Yard Facility Administration Pool
- One is recommended to be reassigned from the Resource, Recovery & Recycle Division to Beach Maintenance
- One Public Works aerial lift is recommended to be downsized to a pickup.

Before any surplus vehicles and equipment are sold, the City should evaluate whether they are in better condition than comparable higher-use units and make replacements accordingly.



City Central Motor Pool

Recommendation 4: Transfer the responsibility of the City's centralized motor pool to Fleet Services and modify the pool dispatching process.

The Mobility Division of the Planning and Community Development Department operates a centralized motor pool, consisting of six sedans and one passenger van, located in the Civic Center parking structure. City employees are encouraged to use the pool for short, daily trips. Employees requiring a vehicle for overnight trips must find another means of transportation, such as using a rental car. The City contracts with Enterprise Rent-A-Car for rental car situations.

The motor pool is also used as part of the Guaranteed Ride Share Program. This program guarantees that a vehicle will be available to a city employee who takes public transportation to and from work in the event that employees have to work overtime or are impacted by weather or some other event that would prevent them from getting home. We were informed that the number of instances in which employees required a pool vehicle averages less than 20 times per year.

City employees can reserve a vehicle through the online SharePoint Calendar. A Mobility Division employee is responsible for distributing the vehicle keys. The process to check out a motor pool vehicle could be modified to provide more convenient service.

The City should consider adopting a more user-friendly and expedient method of checking out motor pool units. For example, implementing an automated dispensing system that utilizes a secure key storage box, where keys can be picked up and returned and all activity is automatically recorded (including odometers). This system could be used in conjunction with the Key Valet Motor Pool Management System that is part of the AssetWorks Fleet Software System soon to be installed by Fleet Services. This would eliminate the need for a person to check out pool vehicles and would allow City employees to check out a vehicle after hours or on weekends if necessary.

Based on our discussions with Mobility Division personnel, key elements related to motor pool utilization are not currently tracked. For example, destinations and the number of unavailable vehicles are not recorded. These elements are important to track as they may impact the number and type of vehicles needed in the motor pool.

The Mobility Division is responsible for dispatching motor pool vehicles, but does not perform some of the duties commonly found with operating a motor pool. These include, washing, vacuuming, fueling, and daily maintenance (checking fluid levels). We were informed that when a vehicle breaks down a Mobility Division employee is dispatched to the scene to secure the vehicle and wait for a tow truck or someone from Fleet Services to arrive.

Given these issues, we believe that the responsibility of pool operation should be transferred to Fleet Services. They are in a better position to service the units and have trained personnel to maintain and look after the vehicles.

Recommendation 5: Develop central motor pool rates to recover ownership and operational costs of all units.

Mobility does not charge City Departments/Divisions who use central motor pool cars. Furthermore, the costs to own and operate the motor pool vehicles are not part of the Mobility Division's operating



budget. This is not a common practice in most municipal motor pools where employees are usually charged on an hourly, daily, weekly, and monthly basis.

Central motor pool rates should include all costs associated with the motor pool program, including: vehicle ownership and operation, administrative and dispatching, pool operations, shuttling, fueling, and cleaning.

Recommendation 6: Expand the City's central motor pool by utilizing existing City vehicles and/or rental cars to provide access to vehicles that may be needed due to the surplusing of underutilized vehicles.

During discussions related to this study, City departments expressed a willingness to give up their assigned vehicle and use a motor pool vehicle if they could be assured that a vehicle would always be available and convenient to access. The City has several options to consider in expanding the centralized motor pool at City Hall, including:

- **Transfer newer model units that are currently assigned to City departments to the central motor pool:** To accommodate the needs of departments, the central motor pool should include an estimated nine vehicles. However, the pool can be supplemented with rental vehicles if the need arises. Specific vehicles recommended for reassignment and current units to be retained or eliminated, are identified in Table 7.
- **Utilize a local commercial rental car agency to supply vehicles on demand:** The practice of utilizing commercial rental vehicles has become increasingly popular among public agencies. Advantages to this option include:
 - Broad choice of vehicle classes (compact, intermediate, standard, full-size, cargo vans, SUVs, 4x4 pickups, and passenger vans)
 - Delivery and pickup of vehicles by the rental agency
 - Access to new, low-mileage vehicles
 - Clean and fully fueled vehicles
 - 24-hour road service
 - Choice of daily, weekly, or monthly rates

The City currently contracts with Enterprise Rent-A-Car to provide vehicles when needed. According to Fleet Services, the City pays \$31.83, plus tax, per day for a compact-size vehicle and \$37.13, plus tax, per day for a mid-size vehicle. These rates are similar to the State of California's Travel Program, which is open to all government agencies, special districts, and school districts. As part of this program, the State contracts with two commercial rental car agencies, National and Enterprise, to provide vehicles at very competitive rates. The City should check to see if it is receiving the State contract prices by calling the DGS/STP Contractor Administrator listed below:

Georgia Kattenhorn, DGS/STP Contract Administrator
707 3rd Street, MS 600
West Sacramento, CA 95605
Phone: (916) 376-3990
Email: Georgia.Kattenhorn@dgs.ca.gov

- **Utilize a ride sharing program to supply vehicles on demand:** Companies such as Zip-Car and Envoy provide vehicles that can be accessed through their website or an app. In some



cases, city employees may require that the vehicle display a city logo. This can be accomplished by attaching a magnetic placard to the vehicle and removing it when the vehicle is turned in.



TABLE 7: PROPOSED CENTRAL MOTOR POOL UNITS

Unit Number	Year/Type	Recommendation
Current Central Pool		
20329	2015/Sedan-CNG	Retain
20330	2015/Sedan-CNG	Retain
20394	2016/Sedan-Electric	Retain
20446	2016/Sedan-Electric	Retain
N/A	Passenger Van-Rented	Retain
15769	2002/Sedan-CNG	Transfer to Shop Loaner Pool
15825	2003/Sedan-Hybrid	Transfer to Shop Loaner Pool
Recommended Additions to Central Pool		Reassign From
20516	2017 Sedan-Electric	PW-Resource, Recovery & Recycle
20413	2016 Sedan-Electric	PW-Facilities Management
20514	2017 Sedan-Electric	PW-Fleet Management
20515	2017 Sedan-Electric	PW-Fleet Management

Recommendation 7: Train employees on guidelines and policies for determining when to use a City vehicle, mileage reimbursement, or a rental vehicle.

The employee responsible for checking out motor pool vehicles should keep detailed records about usage and analyze utilization on a regular basis. Motor pool utilization should be monitored for 6 to 12 months to determine the appropriate number and type of units required to meet City employee needs. Daily use statistics should be tracked, including but not limited to:

- Department and name of person checking out unit
- Date and time of check out and return
- Destination
- Miles driven
- Reason for loaning out unit
- Number of times a pool unit is requested but not available

Mileage use criteria can be used to determine when it is most economical for the City to have an employee use a pool vehicle, receive mileage reimbursement, or use a commercial rental vehicle. Automated pooling technologies are also available.



Shop Loaner Pool

Recommendation 8: Expand the composition of the shop loaner pool.

Currently, Fleet Services operates a shop loaner pool consisting of three pickups, two sedans, an SUV, a stake bed truck, and a small trailer. These units are loaned out to Fleet Services customers whose vehicles are in the shop for maintenance or repair work.

Best fleet management practices emphasize that the size and makeup of shop loaner pools should have a direct correlation to the productivity and efficiency of a fleet's operation and should be exempt from customer charges, with the exception of heavy equipment pool units. Fleet customers should not be expected to pay for motor vehicles and equipment unless their vehicles are being repaired as a result of operator negligence or abuse. The operational costs associated with shop loaner pools typically becomes part of Fleet Services' overhead. Additionally, an excess number of shop loaner pool vehicles might suggest that maintenance and repair work is not being accomplished in a timely manner. Consequently, the costs associated with keeping a large number of pool units on hand will ultimately add to the costs of the Fleet Services operation and drive up overhead.

The number and types of units that currently comprise the shop loaner pool should be expanded to support those fleet customers that require a vehicle while their units are being serviced. We are recommending increasing the size of the pool with two units—a sedan from the Water Division and a pickup from the Resource, Recovery, and Recycle Division. We also are recommending that units 20514 and 20515, which are 2017 electric sedans, be transferred to the City's central motor pool in exchange for two older sedans (units 15769 and 15825). We believe that the two sedans would better serve the City's central motor pool since they are newer. Additionally, we are recommending that unit 15475, a small trailer, be transferred to the new central heavy equipment pool.

Specific vehicles recommended for reassignment and retention are listed in Table 8.

TABLE 8: PROPOSED SHOP LOANER POOL UNITS		
Unit Number	Year/Type	Status
15839	2003 1/2 Ton Pickup	Retain
15876	2004 1/2 Ton Pickup	Retain
15202	1996 Pickup W/Special Body	Retain
15781	2002 Stakebed Truck with Liftgate	Retain
15927	2002 SUV	Retain
20514	2017 Sedan-Electric	Transfer to central motor pool
20515	2017 Sedan-Electric	Transfer to central motor pool
15769	2002/Sedan-CNG	From central motor pool
15825	2003/Sedan-Hybrid	From central motor pool
15475	1999 Small Trailer	Transfer to central heavy equipment pool



TABLE 8: PROPOSED SHOP LOANER POOL UNITS		
20194	2011 Sedan	From Water
15293	1997 Pickup W/Service Body	From PW-Resource, Recovery & Recycle

Central Heavy Equipment Pool

Recommendation 9: Establish a new central heavy equipment pool, supplemented with rentals, to provide access to equipment that may be needed due to the surplusing of underutilized equipment and require all requests for heavy equipment rentals to be processed and approved through Fleet Services.

The City does not operate a heavy equipment pool. However, some departments at the City's Corporation Yard will occasionally share construction-type equipment with one another. City departments rarely share equipment with other public agencies, but will rent equipment from local equipment rental firms due to the freeze on vehicle and equipment purchases that has been in place over the last several years.

Table 9 reflects equipment currently being rented, the duration of the rental to date, and the corresponding monthly rental cost.

TABLE 9: CURRENT EQUIPMENT BEING RENTED AND MONTHLY COSTS			
Department/Division	Year/Type	Duration of Rental	Monthly Rental Cost
PW-Electrical	Dump Truck	2 years	\$1,809.60
PW-Electrical	Mini Excavator	2 years	\$1,148.87
Water	Zero-Turn Lawnmower	3 months	\$1,796.12
Wastewater	Utility Truck	3.5 months	\$1,806.91
Wastewater	2 Brush Hogs & Trailer	1.5 months	\$1,585.76

Source: Fleet Services

Of the 16 units being recommended for surplusing, four heavy equipment units are being recommended for surplusing (see Appendix G). This may necessitate the sharing of equipment to accommodate departments that are losing resources. Departments could either develop a system for sharing equipment or establish a central heavy equipment pool, which is a best practice. The advantage of a central heavy equipment pool is the ability to track usage and allocate costs based on usage.

One of the drawbacks of the City's current practice is that the entire cost for maintaining and replacing the equipment is absorbed by the department/divisions to which the unit is assigned. One way to spread the ownership and maintenance costs fairly among user divisions is to place equipment in a pool that is administered by a central fleet operation. In this way, City departments can draw from this pool on an as-needed basis and pay for the time they use the equipment.



The City should establish a central heavy equipment pool at the City Yard facility, with the understanding that some equipment is specialized and does not lend itself to various applications. However, a number of heavy-duty units are not specialized and qualify to be placed into an equipment pool. Units recommended to be assigned to the central heavy equipment pool are identified in Table 10. User departments agreed that the units shown in Table 10 could be moved to a central heavy equipment pool.

TABLE 10: PROPOSED HEAVY EQUIPMENT POOL UNITS		
Unit Number	Year/Type	Reassign From
20503	2016 Pickup W/Stake Bed	PW-Resource, Recovery & Recycle
20054	2011 Wheel Loader	PW-Beach Maintenance
15505	1999 Backhoe	PW-Water
20095	2012 Dump Truck W/Loader	PW-Water
20304	2015 Bin Wash Truck	PW-Resource, Recovery & Recycle
15587	2000 Compressor	PW-Streets
15586	2000 Compressor	PW-Streets
20084	2001 Cement Mixer	PW-Water
20235	2013 Pressure Washer	PW-Facilities Management
15475	1999 Small Trailer	PW-Fleet Management

The City should monitor central heavy equipment pool utilization over the next six months to determine the best type and number of units required to meet the needs of customers. This can be accomplished by tracking daily use, including:

- Department and name of person checking out unit
- Date and time of check out and return
- Miles driven
- Reason for loaning unit
- Number of times a pool unit is requested but not available

Renting equipment on an as-needed basis may still be the most economical option when compared with purchasing equipment that might otherwise sit idle for a good part of the year. This is considered a fleet management best practice. The City should establish contracts with local equipment rental firms in order to fulfill requests for equipment not available from the central heavy equipment pool.

All requests for rental equipment should be approved through a centralized source such as the Fleet Manager, rather than being approved within each department. Designating one person with responsibility for renting equipment will ensure that all requests can be met from the central heavy equipment pool or through a commercial vendor with whom Fleet Services has a contract.



Recommendation 10: Develop rental rates to recoup all ownership and operational costs of each unit in the central heavy equipment pool.

Managing a central heavy equipment pool will require additional attention from the Fleet Manager. Heavy equipment pools are the same as private sector pools in that they require constant monitoring. Since Fleet Services is responsible for the ownership and operational costs of the units in the pool, the division must be able to recoup these costs via rental rates. If a unit is not rented on a regular basis, Fleet Services may not be able to recoup its costs and be faced with the decision to possibly eliminate the unit from the pool and rely on renting from the commercial sector.

Regardless of the method chosen to manage heavy equipment, City employees who use a central heavy equipment pool unit should be required to pay a fee. This fee should include all costs associated with the central heavy equipment pool program, including: ownership and operation, administrative and dispatching, pool operations, shuttling, fueling, and cleaning. Furthermore, Fleet Services should consider developing a graduated rental scale that incorporates half-day, weekly, and monthly rates.

City Yard Facility Administrative Pool

Recommendation 11: Establish a City Yard facility administrative pool, supplemented with rentals, to provide access for various administrative employees.

Our review of administrative vehicles used by divisions located at the City Yard facility, located at 2500 Michigan Street, found that many were underutilized. We discussed the idea of forming an administrative pool at this location for managers and supervisors to access vehicles to perform their tasks in the field. All agreed that this was a good idea and agreed to give up their vehicles to support the pool.

A total of eight assigned units were agreed to be given up by various divisions and five were reassigned to the City Yard facility administrative pool. The remaining three units were either surplus or reassigned to other pools. Those units recommended to be assigned to the City Yard facility administrative pool are identified in Table 11.

TABLE 11: PROPOSED CITY YARD FACILITY ADMINISTRATIVE POOL		
Unit Number	Year/Type	Reassign From
20445	2016 Sedan-Electric	PW-Street Maintenance
20246	2013 SUV	PW-Facilities Management
20349	2015 Sedan-Electric	PW-Facilities Management
20345	2015 Sedan-Electric	PW-Water
20214	2013 Sedan	PW- Resource, Recovery & Recycle



Recommendation 12: Develop rental rates to recoup all ownership and operational costs of each unit in the City Yard facility administrative pool.

Fleet Services would manage the City Yard facility administrative pool in the same manner that it manages the central heavy equipment pool. This would include dispatching units and assuring that units were fueled and kept clean. A graduated rental scale that incorporates half-day, weekly, and monthly rates should be developed to recoup all ownership and operating costs associated with each pool unit.

C. VEHICLE ASSIGNMENT POLICIES

Daily Take-Home and Standby Units

Recommendation 13: Review all current vehicle take-home authorizations and justify approvals based on miles traveled and number of call-outs.

Aside from the Chief Resilience Officer in the Office of Emergency Management, the only City employees that have permanently-assigned take-home units are Police and Fire personnel. Guidelines regarding the Police and Fire units are contained in the Police Officers and Firefighter Memorandums of Understanding (MOUs). These guidelines stipulate the maximum number of roundtrip miles allowed between the employee's place of residence and designated work location, but do not address the minimum number of call-outs (responses to emergency situations).

Questionnaires received from both the Police department and the Fire Department, indicate that a total of 74 units are driven a total of 889,890 miles, annually, between each employee's home and workplace. This includes 16 permanently-assigned Fire units that travel 211,728 miles per year and 58 police, unmarked, undercover units that travel 678,162 miles per year.

The questionnaires indicated that, within the Police Department, 29 of 58 take-home units averaged one call-out per month while the remaining units averaged anywhere between zero and six call-outs per month. The Fire Department take-home units averaged anywhere from one to four call-outs per year.

A good vehicle take-home policy should stipulate that all requests be economically justified in terms of typical performance indicators, including miles traveled (total and work specific), usage (actual hours of use), and downtime, standby, and utilization percentages. To economically justify a unit, each request should be evaluated by comparing the costs of taking a City vehicle home with reimbursing an employee for using their own vehicle, drawing a vehicle from the pool, or renting a vehicle. The costs of these alternatives have been identified in Section IIIB, Vehicle Cost Analysis.

Part of the justification for taking City vehicles home on a regular or standby basis should be based on a minimum number of callouts over a period of time. City departments should be responsible for tracking the number, type, and miles traveled on callouts, and Fleet Services should be responsible for reviewing and monitoring this usage on a quarterly basis to ensure that it complies with the City's vehicle take-home policy.

Employees on standby or call-out status do not take city vehicles home but rather drive their personal vehicles to their respective workplace where they secure a vehicle to respond to emergency situations.



Car Allowances

The City provides auto allowances to seven City Council members at a rate of \$184.62 bi-weekly and \$90.00 bi-weekly to one staff member. These are typical of what other cities pay council members and department heads. Many cities offer upper management a choice between a monthly car allowance and a city vehicle. Typically, car allowances range between \$250 and \$500 per month.

Electric Vehicles

The City operates a total of 124 electric vehicles, which represents about 16% of the City's entire fleet. Of the 124 electric vehicles, 74 are sedans, vans, and SUVs. There are seven charging stations located throughout the City that contain 59 chargers that are dedicated for City vehicles to use. The charging stations and number of chargers are reflected in Table 12, along with the number and locations where all 74 electric vehicles are domiciled.

The remaining 50 electric vehicles are scooters, utility carts, and electric trucks that can be charged with conventional 120-volt electrical outlets.

Office/Parking Location	No. of Chargers	No. of Electric Vehicles
1212 5th Street	0	2
1437 4th Street	0	5
Airport	2	2
Arcadia	2	3
City Yard Facility	14	22
Civic Center Parking Structure	31	36
Clover Park	1	1
Colorado Yard	4	2
Main Library ¹	5	1
TOTALS	59	74

1. Two chargers are designated for city vehicles only. An additional two chargers are available for city vehicles from 3:00 P.M. to 9:00 A.M.

During our interviews with City department representatives, several engineering employees at the 4th street complex voiced concern over having to drive to the Civic Center to charge their electric vehicles. Otherwise, we did not hear much dissatisfaction with the availability of charging stations. During the writing of this report, we learned that additional chargers, dedicated to City employees with electric vehicles, were installed at the Main Library. These new chargers are much more convenient for the engineering staff.



V. ESTIMATED COST SAVINGS

By disposing of 16 of the 40 vehicles and equipment that were identified as potential candidates for reduction, pooling, or reassignment, the City can leverage the proceeds and achieve ongoing cost avoidance. Initial revenues would be derived from the sale of the surplus vehicles (est. \$107,000) and cost avoidance from relief of annual maintenance and fuel costs (est. \$81,485).

Estimated one-year and ten-year cost savings associated with the recommendations in this report are presented in Table 13. Replacement costs are based on the City's current replacement intervals.

TABLE 13: SUMMARY OF SURPLUS COST SAVINGS		
Savings and Cost Avoidance	First Year	Over 10 Years
Operational costs (includes fuel)	\$81,485	\$814,850
Replacement Avoidance	N/A	\$1,341,500
One-time income from disposal of 16 units	\$107,000	N/A
TOTAL	\$188,485	\$2,156,350

As noted previously, additional savings will be realized by Fleet Service customers who have given up their vehicles and equipment to be placed in the central heavy equipment pool, City Yard facility administrative pool, shop loaner pool, and City central motor pool. Some of these savings could be offset by charges imposed for renting out units. If the disposal of any of these units is deferred, the City should not replace them, or similar units, until the department concludes its review of the recommendations contained in this report.



APPENDIX A. ALL DEPARTMENTS MILEAGE METERED UNITS (EXCLUDING POLICE AND FIRE)

UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT/DIVISION	METER	L/M/H/NA	FUNCTIONAL CATEGORY
20453	2016	TORO	DINGO 323	BACKHOE - COMPACT UTILITY LOADER	PARK MAINTENANCE	40	L	6
15715	2001	JCB	214	BACKHOE LOADER	WATER	1330	L	6
15751	2002	JOHN DEERE	LDR/BACKHOE	BACKHOE LOADER	CEMETERY	3872	M	6
20305	2014	CAT	420F	BACKHOE LOADER	STREET MAINTENANCE	1662	H	6
20203	2012	JOHN DEERE	315SK	BACKHOE LOADER	WATER	2533	H	6
15505	1999	JCB	LDR/BACKHOE	BACKHOE LOADER	WATER	8758	H	6
20202	2012	JOHN DEERE	315SK	BACKHOE LOADER	WATER	2940	H	6
20306	2014	CAT	420F	BACKHOE LOADER	STREET MAINTENANCE	1981	H	6
20010	2009	JOHN DEERE	6230	TRACTOR	PARK MAINTENANCE	316	L	6
20231	2003	KUBOTA	B2410 TRACTOR	TRACTOR	PARK MAINTENANCE	684	L	6
15765	2002	JOHN DEERE	5320	TRACTOR	PARK MAINTENANCE	1565	L	6
20009	2009	JOHN DEERE	6230	TRACTOR	PARK MAINTENANCE	916	L	6
16039	2007	JOHN DEERE	7520	TRACTOR	BEACH MAINTENANCE	3011	L	6
20006	2009	JOHN DEERE	7630	TRACTOR	BEACH MAINTENANCE	7928	H	6
20200	2012	JOHN DEERE	6170R	TRACTOR	BEACH MAINTENANCE	18889	H	6
20596	2018	BOBCAT	5600 TURBO TOOLCAT	Tool Cat Compact Tractor Loader	BEACH MAINTENANCE	2	L	6
15813	2003	JOHN DEERE	324H LOADER	TRACTOR LOADER	WATER	821	L	6
20054	2011	VOLVO	L35B-PRO	WHEEL LOADER TRACTOR	URBAN FOREST	489	L	6
20026	2010	DOOSAN	DL200TC	WHEEL LOADER	STREET MAINTENANCE	1378	M	6
20313	2014	CAT	924K	WHEEL LOADER	BEACH MAINTENANCE	1597	H	6
15599	2000	JCB	212	TRACTOR LOADER	AIRPORT	14245	H	6
15720	2002	JOHN DEERE	270	LOADER/SKID STEER	PIER MAINTENANCE	2656	N/A	6



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT/DIVISION	METER	L/M/H/NA	FUNCTIONAL CATEGORY
15994	2006	JOHN DEERE	332	LOADER/SKID STEER	STREET MAINTENANCE	737	N/A	6
20450	2016	LEE-BOY	8515D	PAVER	STREET MAINTENANCE	402	N/A	6
16207	2008	BOMAG	BW 135AD	TANDEM ROLLER	STREET MAINTENANCE	463	N/A	6
16237	2009	BOMAG	BW120AD-4	TANDEM ROLLER	STREET MAINTENANCE	4106	N/A	6
15426	1998	NATIONAL	SUN-UP	ARROWBOARD	WATER	101	L	7
15444	1999	STARLITE	SUN-UP	ARROWBOARD	WATER	100	L	7
15396	1998	STARLITE	KC 80	ARROW BOARD	WATER	1330	M	7
15395	1998	STARLITE	KC 80	ARROW BOARD	WASTEWATER	5112	H	7
20011	2009	BEACH TECH	2800	BEACH CLEANER	BEACH MAINTENANCE	100	N/A	7
20227	2013	CHERRINGTON	5500	BEACH CLEANER	BEACH MAINTENANCE	3265	N/A	7
16183	2008	JLG	T350	BOOM LIFT	FACILITIES MANAGEMENT ADMINISTRATION	19	L	7
16205	2008	BIL JAX	5533A	BOOM LIFT	PIER MAINTENANCE	111	H	7
16202	2009	JLG	E300AJ	BOOM LIFT	CIVIC AUDITORIUM	149	H	7
15950	2005	JLG	450AJ	BOOM LIFT	BEACH MAINTENANCE	220	H	7
15588	2000	INGERSOLL RAND	COMPRESSOR	COMPRESSOR - PORT	AIRPORT	62	L	7
15586	2000	INGERSOLL RAND	COMPRESSOR	COMPRESSOR - PORT	STREET MAINTENANCE	66	L	7
15587	2000	INGERSOLL RAND	COMPRESSOR	COMPRESSOR - PORT	STREET MAINTENANCE	689	L	7
15589	2000	INGERSOLL RAND	COMPRESSOR	COMPRESSOR - PORT	Fleet	750	M	7
20089	2010	AIRMAN	PDS 1855	TRAILER MOUNTED AIR COMPRESSOR	WATER	572	H	7
20090	2010	AIRMAN	PDS 1855	TRAILER MOUNTED AIR COMPRESSOR	WATER	1125	H	7
20091	2010	AIRMAN	PDS 1855	TRAILER MOUNTED AIR COMPRESSOR	WATER	1851	H	7
20087	2011	WACKER NEWSON	KOW1003GE	DIESEL POWERED LIGHT TOWER	WATER	54	N/A	7



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT/DIVISION	METER	L/M/H/NA	FUNCTIONAL CATEGORY
20088	2011	WACKER NEWSON	KOW1003GE	DIESEL POWERED LIGHT TOWER	WATER	83	N/A	7
20597	2018	CLARK	GCX20E	FORKLIFT	WATER	0	L	7
15685	2001	YALE CHASE	FORK LIFT	FORK LIFT	WATER	695	L	7
16196	2008	HYSTER	J40ZT	FORK LIFT	PARK MAINTENANCE	579	L	7
16197	2008	HYSTER	J40ZT	FORK LIFT	WATER	618	L	7
15678	2001	YALE CHASE	GNP050RGNUAF086	FORK LIFT	CIVIC AUDITORIUM	1330	L	7
15885	1995	YALE	FORK LIFT	FORK LIFT	FLEET MANAGEMENT - VEHICLE FUND	6374	H	7
20212	2013	YALE	GLP060VXNVSE087	FORK LIFT	RESOURCE RECOVERY AND RECYCLING	1781	H	7
15703	2001	YALE CHASE	FORK LIFT	FORK LIFT	FLEET MANAGEMENT - VEHICLE FUND	11034	H	7
16256	2005	SMITHCO	SWEEPSTAR 60	LAWN SWEEPER - FINGER REEL	PARK MAINTENANCE	12	L	7
16257	2006	SMITHCO	SWEEP STAR 48	LAWN SWEEPER - BRUSH STYLE	PARK MAINTENANCE	257	L	7
20093	2011	SMITHCO	SWEEPSTAR 60	LAWN SWEEPER - FINGER REEL	PARK MAINTENANCE	580	H	7
20452	2016	SMITHCO	SWEEPSTAR 60	LAWN SWEEPER - FINGER REEL	PARK MAINTENANCE	209	H	7
20301	2014	SMITHCO	SWEEPSTAR 60	LAWN SWEEPER - FINGER REEL	PARK MAINTENANCE	466	H	7
20029	2010	SMITHCO	SWEEPSTAR 60	LAWN SWEEPER - FINGER REEL	PARK MAINTENANCE	1233	H	7
20229	2013	JOHN DEERE	7700	MOWER, FAIRWAY	PARK MAINTENANCE	0	L	7
16293	2009	JOHN DEERE	2653B	TRIPLEX MOWER	PARK MAINTENANCE	1	L	7
20049	2010	JOHN DEERE	1435 II	MOWER	PARK MAINTENANCE	1	L	7
20033	2010	JOHN DEERE	1435 II	MOWER	PARK MAINTENANCE	1	L	7
16158	2008	JOHN DEERE	2653B	TRIPLEX MOWER	PARK MAINTENANCE	3	L	7



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT/DIVISION	METER	L/M/H/NA	FUNCTIONAL CATEGORY
16250	1999	TORO	REELMASTER 3500D	LAWN TRACTOR AND MOWER	PARK MAINTENANCE	20	H	7
16292	2009	JOHN DEERE	2653B	TRIPLEX MOWER	PARK MAINTENANCE	15	H	7
20396	2015	REELMASTER	3100-D	MOWER	PARK MAINTENANCE	10	H	7
20237	2013	STEAMX	SS30005VH	PRESSURE WASHER	FACILITIES MANAGEMENT ADMINISTRATION	50	L	7
20498	2016	HAAKER	PRESSURE WASHER	PRESSURE WASHER	PROMENADE MAINTENANCE	24	M	7
16154	2008	HYDRO TEK	SS PROLINE SS30005VH	PRESSURE WASHER	FACILITIES MANAGEMENT ADMINISTRATION	156	M	7
16153	2008	HYDRO TEK	SS PROLINE SS30005VH	PRESSURE WASHER	FACILITIES MANAGEMENT ADMINISTRATION	613	H	7
16285	2009	MAGNUM	MLG8M	RUNWAY CROSSES	AIRPORT	1	N/A	7
16286	2009	MAGNUM	MLG8M	RUNWAY CROSSES	AIRPORT	145	N/A	7
20334	2015	WANCO, INC.	WSLT-M	SOLAR LIGHT TOWER/TRAILER	STREET MAINTENANCE	25	N/A	7
20333	2015	WANCO, INC.	WSLT-M	SOLAR LIGHT TOWER/TRAILER	STREET MAINTENANCE	113	N/A	7
20589	2018	TENNANT	M-6100	M-6100 INDUSTRIAL FLOOR SWEEPER	AIRPORT MAINTENANCE	0	N/A	7
20590	2018	TENNANT	S30	SWEEPER - RIDE-ON	PROMENADE MAINTENANCE	0	N/A	7
20595	2018	TENNANT	T-17	TENNANT FLOOR SWEEPER	PROMENADE MAINTENANCE	0	N/A	7
16024	2007	POWERBOSS	SW6X	SWEEPER - SMALL	PARK MAINTENANCE	1	L	7
16027	2007	MARCO	MAGNUM	SWEEPER - SMALL	FLEET MANAGEMENT - VEHICLE FUND	2	L	7
16079	2007	POWERBOSS	SW6X	SWEEPER - SMALL	PARK MAINTENANCE	243	H	7
16168	2007	POWERBOSS	SW6X	SWEEPER - SMALL	PARK MAINTENANCE	252	H	7



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT/DIVISION	METER	L/M/H/NA	FUNCTIONAL CATEGORY
20092	2011	POWERBOSS	SW/6XV ARMADILLO	SWEEPER - SMALL	PARK MAINTENANCE	523	H	7
20594	2018	TENNANT	M-30	SWEEPER/SCRUBBER	PROMENADE MAINTENANCE	0	N/A	7
20593	2018	TENNANT	M30	SWEEPER/SCRUBBER	PROMENADE MAINTENANCE	0	N/A	7
20592	2018	TENNANT	M30	SWEEPER/SCRUBBER	PROMENADE MAINTENANCE	0	N/A	7
20591	2018	TENNANT	M20	SWEEPER/SCRUBBER	PROMENADE MAINTENANCE	0	N/A	7
20322	2015	TENNANT	M30	SWEEPER/SCRUBBER	PROMENADE MAINTENANCE	50	L	7
20373	2015	TENNANT	M30	SWEEPER/SCRUBBER	PROMENADE MAINTENANCE	1481	H	7
15212	1996	ZIEMAN	2650	TRAILER - LARGE	STREET MAINTENANCE	1	L	7
15682	2001	CARSON	HC101	TRAILER - SMALL	RESOURCE RECOVERY AND RECYCLING	3	L	7
15475	1999	BIG TEX	TRAILER	TRAILER - SMALL	FLEET MANAGEMENT - VEHICLE FUND	5	L	7
20223	2012	ZIEMAN	713	TRAILER-SMALL	PARK MAINTENANCE	111	H	7
20225	2013	ZIEMAN	713	TRAILER-SMALL	PARK MAINTENANCE	111	H	7
20320	2015	ZIEMAN	1166-S	TURF TRAILER	PARK MAINTENANCE	101	H	7
20224	2013	ZIEMAN	713	TRAILER-SMALL	PARK MAINTENANCE	200	H	7
20222	2013	ZIEMAN	713	TRAILER-SMALL	PARK MAINTENANCE	300	H	7
20083	1998	MULTIQUIP	M1-6TDD	DNR	WASTEWATER	101	N/A	7
20082	2000	SRECO	RODDER	DNR	WASTEWATER	111	N/A	7
15611	2001	INGERSOLL RAND	63KVA	GENERATOR - PORTABLE	FACILITIES MANAGEMENT ADMINISTRATION	181	N/A	7
16258	2009	HUSQUVARNA	FS4800	FLAT SAW	WATER	139	N/A	7
20037	2000	HONDA	3535 QH	PORTABLE POWER WASHER/STEAMER	BEACH HOUSE MAINTENANCE	1356	N/A	7



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT/DIVISION	METER	L/M/H/NA	FUNCTIONAL CATEGORY
16259	2009	PACIFIC TEC	PV-66 CH20S	POWER VACUUM	WATER	1430	N/A	7
20281	2012	WIRTGEN	W 35-DC	SMALL GRINDER	STREET MAINTENANCE	6	N/A	7
16177	2008	RAYCO	1635SJR	STUMP CUTTER W/TRAILER	URBAN FOREST	220	N/A	7
20307	2015	BARBER	600HD	SURF RAKE	BEACH MAINTENANCE	2760	N/A	7
15959	2006	MILLER	BOBCAT 225	WELDER - PORTABLE	FLEET MANAGEMENT - VEHICLE FUND	131	N/A	7
20319	2015	ZIEMAN	713	TILT-TYPE TOWED TRAILER	PARK MAINTENANCE	71	N/A	7
20337	2004	MULTIQUIP	MC 94	CONCRETE MIXER	STREET MAINTENANCE	240	N/A	7
16309	2008	WOODSMAN	12X	BRUSH CHIPPER	URBAN FOREST	158	N/A	7
20058	2010	WIRTGEN	W120	COLD MILLING MACHINE	STREET MAINTENANCE	925	N/A	7



APPENDIX B. ALL DEPARTMENTS HOUR-METERED UNITS (EXCLUDING POLICE AND FIRE)

UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT/DIVISION	METER	L/M/H/NA	FUNCTIONAL CATEGORY
20453	2016	TORO	DINGO 323	BACKHOE - COMPACT UTILITY LOADER	PARK MAINTENANCE	40	L	6
15715	2001	JCB	214	BACKHOE LOADER	WATER	1330	L	6
15751	2002	JOHN DEERE	LDR/BACKHOE	BACKHOE LOADER	CEMETERY	3872	M	6
20305	2014	CAT	420F	BACKHOE LOADER	STREET MAINTENANCE	1662	H	6
20203	2012	JOHN DEERE	315SK	BACKHOE LOADER	WATER	2533	H	6
15505	1999	JCB	LDR/BACKHOE	BACKHOE LOADER	WATER	8758	H	6
20202	2012	JOHN DEERE	315SK	BACKHOE LOADER	WATER	2940	H	6
20306	2014	CAT	420F	BACKHOE LOADER	STREET MAINTENANCE	1981	H	6
20010	2009	JOHN DEERE	6230	TRACTOR	PARK MAINTENANCE	316	L	6
20231	2003	KUBOTA	B2410 TRACTOR	TRACTOR	PARK MAINTENANCE	684	L	6
15765	2002	JOHN DEERE	5320	TRACTOR	PARK MAINTENANCE	1565	L	6
20009	2009	JOHN DEERE	6230	TRACTOR	PARK MAINTENANCE	916	L	6
16039	2007	JOHN DEERE	7520	TRACTOR	BEACH MAINTENANCE	3011	L	6
20006	2009	JOHN DEERE	7630	TRACTOR	BEACH MAINTENANCE	7928	H	6
20200	2012	JOHN DEERE	6170R	TRACTOR	BEACH MAINTENANCE	18889	H	6
20596	2018	BOBCAT	5600 TURBO TOOLCAT	Tool Cat Compact Tractor Loader	BEACH MAINTENANCE	2	L	6
15813	2003	JOHN DEERE	324H LOADER	TRACTOR LOADER	WATER	821	L	6
20054	2011	VOLVO	L35B-PRO	WHEEL LOADER TRACTOR	URBAN FOREST	489	L	6
20026	2010	DOOSAN	DL200TC	WHEEL LOADER	STREET MAINTENANCE	1378	M	6
20313	2014	CAT	924K	WHEEL LOADER	BEACH MAINTENANCE	1597	H	6
15599	2000	JCB	212	TRACTOR LOADER	AIRPORT	14245	H	6
15720	2002	JOHN DEERE	270	LOADER/SKID STEER	PIER MAINTENANCE	2656	N/A	6
15994	2006	JOHN DEERE	332	LOADER/SKID STEER	STREET MAINTENANCE	737	N/A	6
20450	2016	LEE-BOY	8515D	PAVER	STREET MAINTENANCE	402	N/A	6



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT/DIVISION	METER	L/M/H/NA	FUNCTIONAL CATEGORY
16207	2008	BOMAG	BW 135AD	TANDEM ROLLER	STREET MAINTENANCE	463	N/A	6
16237	2009	BOMAG	BW120AD-4	TANDEM ROLLER	STREET MAINTENANCE	4106	N/A	6
15426	1998	NATIONAL	SUN-UP	ARROWBOARD	WATER	101	L	7
15444	1999	STARLITE	SUN-UP	ARROWBOARD	WATER	100	L	7
15396	1998	STARLITE	KC 80	ARROW BOARD	WATER	1330	M	7
15395	1998	STARLITE	KC 80	ARROW BOARD	WASTEWATER	5112	H	7
20011	2009	BEACH TECH	2800	BEACH CLEANER	BEACH MAINTENANCE	100	N/A	7
20227	2013	CHERRINGTON	5500	BEACH CLEANER	BEACH MAINTENANCE	3265	N/A	7
16183	2008	JLG	T350	BOOM LIFT	FACILITIES MANAGEMENT ADMINISTRATION	19	L	7
16205	2008	BIL JAX	5533A	BOOM LIFT	PIER MAINTENANCE	111	H	7
16202	2009	JLG	E300AJ	BOOM LIFT	CIVIC AUDITORIUM	149	H	7
15950	2005	JLG	450AJ	BOOM LIFT	BEACH MAINTENANCE	220	H	7
15588	2000	INGERSOLL RAND	COMPRESSOR	COMPRESSOR - PORT	AIRPORT	62	L	7
15586	2000	INGERSOLL RAND	COMPRESSOR	COMPRESSOR - PORT	STREET MAINTENANCE	66	L	7
15587	2000	INGERSOLL RAND	COMPRESSOR	COMPRESSOR - PORT	STREET MAINTENANCE	689	L	7
15589	2000	INGERSOLL RAND	COMPRESSOR	COMPRESSOR - PORT	Fleet	750	M	7
20089	2010	AIRMAN	PDS 1855	TRAILER MOUNTED AIR COMPRESSOR	WATER	572	H	7
20090	2010	AIRMAN	PDS 1855	TRAILER MOUNTED AIR COMPRESSOR	WATER	1125	H	7
20091	2010	AIRMAN	PDS 1855	TRAILER MOUNTED AIR COMPRESSOR	WATER	1851	H	7
20087	2011	WACKER NEWSON	KOW1003GE	DIESEL POWERED LIGHT TOWER	WATER	54	N/A	7
20088	2011	WACKER NEWSON	KOW1003GE	DIESEL POWERED LIGHT TOWER	WATER	83	N/A	7
20597	2018	CLARK	GCX20E	FORKLIFT	WATER	0	L	7
15685	2001	YALE CHASE	FORK LIFT	FORK LIFT	WATER	695	L	7
16196	2008	HYSTER	J40ZT	FORK LIFT	PARK MAINTENANCE	579	L	7
16197	2008	HYSTER	J40ZT	FORK LIFT	WATER	618	L	7



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT/DIVISION	METER	L/M/H/NA	FUNCTIONAL CATEGORY
15678	2001	YALE CHASE	GNP050RGNUAF086	FORK LIFT	CIVIC AUDITORIUM	1330	L	7
15885	1995	YALE	FORK LIFT	FORK LIFT	FLEET MANAGEMENT - VEHICLE FUND	6374	H	7
20212	2013	YALE	GLP060VXNVSE087	FORK LIFT	RESOURCE RECOVERY AND RECYCLING	1781	H	7
15703	2001	YALE CHASE	FORK LIFT	FORK LIFT	FLEET MANAGEMENT - VEHICLE FUND	11034	H	7
16256	2005	SMITHCO	SWEEPSTAR 60	LAWN SWEEPER - FINGER REEL	PARK MAINTENANCE	12	L	7
16257	2006	SMITHCO	SWEEP STAR 48	LAWN SWEEPER - BRUSH STYLE	PARK MAINTENANCE	257	L	7
20093	2011	SMITHCO	SWEEPSTAR 60	LAWN SWEEPER - FINGER REEL	PARK MAINTENANCE	580	H	7
20452	2016	SMITHCO	SWEEPSTAR 60	LAWN SWEEPER - FINGER REEL	PARK MAINTENANCE	209	H	7
20301	2014	SMITHCO	SWEEPSTAR 60	LAWN SWEEPER - FINGER REEL	PARK MAINTENANCE	466	H	7
20029	2010	SMITHCO	SWEEPSTAR 60	LAWN SWEEPER - FINGER REEL	PARK MAINTENANCE	1233	H	7
20229	2013	JOHN DEERE	7700	MOWER, FAIRWAY	PARK MAINTENANCE	0	L	7
16293	2009	JOHN DEERE	2653B	TRIPLEX MOWER	PARK MAINTENANCE	1	L	7
20049	2010	JOHN DEERE	1435 II	MOWER	PARK MAINTENANCE	1	L	7
20033	2010	JOHN DEERE	1435 II	MOWER	PARK MAINTENANCE	1	L	7
16158	2008	JOHN DEERE	2653B	TRIPLEX MOWER	PARK MAINTENANCE	3	L	7
16250	1999	TORO	REELMASTER 3500D	LAWN TRACTOR AND MOWER	PARK MAINTENANCE	20	H	7
16292	2009	JOHN DEERE	2653B	TRIPLEX MOWER	PARK MAINTENANCE	15	H	7
20396	2015	REELMASTER	3100-D	MOWER	PARK MAINTENANCE	10	H	7
20237	2013	STEAMX	SS30005VH	PRESSURE WASHER	FACILITIES MANAGEMENT ADMINISTRATION	50	L	7
20498	2016	HAAKER	PRESSURE WASHER	PRESSURE WASHER	PROMENADE MAINTENANCE	24	M	7
16154	2008	HYDRO TEK	SS PROLINE SS30005VH	PRESSURE WASHER	FACILITIES MANAGEMENT ADMINISTRATION	156	M	7
16153	2008	HYDRO TEK	SS PROLINE SS30005VH	PRESSURE WASHER	FACILITIES MANAGEMENT ADMINISTRATION	613	H	7
16285	2009	MAGNUM	MLG8M	RUNWAY CROSSES	AIRPORT	1	N/A	7
16286	2009	MAGNUM	MLG8M	RUNWAY CROSSES	AIRPORT	145	N/A	7



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT/DIVISION	METER	L/M/H/NA	FUNCTIONAL CATEGORY
20334	2015	WANCO, INC.	WSLT-M	SOLAR LIGHT TOWER/TRAILER	STREET MAINTENANCE	25	N/A	7
20333	2015	WANCO, INC.	WSLT-M	SOLAR LIGHT TOWER/TRAILER	STREET MAINTENANCE	113	N/A	7
20589	2018	TENNANT	M-6100	M-6100 INDUSTRIAL FLOOR SWEEPER	AIRPORT MAINTENANCE	0	N/A	7
20590	2018	TENNANT	S30	SWEEPER - RIDE-ON	PROMENADE MAINTENANCE	0	N/A	7
20595	2018	TENNANT	T-17	TENNANT FLOOR SWEEPER	PROMENADE MAINTENANCE	0	N/A	7
16024	2007	POWERBOSS	SW6X	SWEEPER - SMALL	PARK MAINTENANCE	1	L	7
16027	2007	MARCO	MAGNUM	SWEEPER - SMALL	FLEET MANAGEMENT - VEHICLE FUND	2	L	7
16079	2007	POWERBOSS	SW6X	SWEEPER - SMALL	PARK MAINTENANCE	243	H	7
16168	2007	POWERBOSS	SW6X	SWEEPER - SMALL	PARK MAINTENANCE	252	H	7
20092	2011	POWERBOSS	SW/6XV ARMADILLO	SWEEPER - SMALL	PARK MAINTENANCE	523	H	7
20594	2018	TENNANT	M-30	SWEEPER/SCRUBBER	PROMENADE MAINTENANCE	0	N/A	7
20593	2018	TENNANT	M30	SWEEPER/SCRUBBER	PROMENADE MAINTENANCE	0	N/A	7
20592	2018	TENNANT	M30	SWEEPER/SCRUBBER	PROMENADE MAINTENANCE	0	N/A	7
20591	2018	TENNANT	M20	SWEEPER/SCRUBBER	PROMENADE MAINTENANCE	0	N/A	7
20322	2015	TENNANT	M30	SWEEPER/SCRUBBER	PROMENADE MAINTENANCE	50	L	7
20373	2015	TENNANT	M30	SWEEPER/SCRUBBER	PROMENADE MAINTENANCE	1481	H	7
15212	1996	ZIEMAN	2650	TRAILER - LARGE	STREET MAINTENANCE	1	L	7
15682	2001	CARSON	HC101	TRAILER - SMALL	RESOURCE RECOVERY AND RECYCLING	3	L	7
15475	1999	BIG TEX	TRAILER	TRAILER - SMALL	FLEET MANAGEMENT - VEHICLE FUND	5	L	7
20223	2012	ZIEMAN	713	TRAILER-SMALL	PARK MAINTENANCE	111	H	7
20225	2013	ZIEMAN	713	TRAILER-SMALL	PARK MAINTENANCE	111	H	7
20320	2015	ZIEMAN	1166-S	TURF TRAILER	PARK MAINTENANCE	101	H	7
20224	2013	ZIEMAN	713	TRAILER-SMALL	PARK MAINTENANCE	200	H	7
20222	2013	ZIEMAN	713	TRAILER-SMALL	PARK MAINTENANCE	300	H	7
20083	1998	MULTIQUIP	M1-6TDD	DNR	WASTEWATER	101	N/A	7



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT/DIVISION	METER	L/M/H/NA	FUNCTIONAL CATEGORY
20082	2000	SRECO	RODDER	DNR	WASTEWATER	111	N/A	7
15611	2001	INGERSOLL RAND	63KVA	GENERATOR - PORTABLE	FACILITIES MANAGEMENT ADMINISTRATION	181	N/A	7
16258	2009	HUSQUVARNA	FS4800	FLAT SAW	WATER	139	N/A	7
20037	2000	HONDA	3535 QH	PORTABLE POWER WASHER/STEAMER	BEACH HOUSE MAINTENANCE	1356	N/A	7
16259	2009	PACIFIC TEC	PV-66 CH20S	POWER VACUUM	WATER	1430	N/A	7
20281	2012	WIRTGEN	W 35-DC	SMALL GRINDER	STREET MAINTENANCE	6	N/A	7
16177	2008	RAYCO	1635SJR	STUMP CUTTER W/TRAILER	URBAN FOREST	220	N/A	7
20307	2015	BARBER	600HD	SURF RAKE	BEACH MAINTENANCE	2760	N/A	7
15959	2006	MILLER	BOBCAT 225	WELDER - PORTABLE	FLEET MANAGEMENT - VEHICLE FUND	131	N/A	7
20319	2015	ZIEMAN	713	TILT-TYPE TOWED TRAILER	PARK MAINTENANCE	71	N/A	7
20337	2004	MULTIQUIP	MC 94	CONCRETE MIXER	STREET MAINTENANCE	240	N/A	7
16309	2008	WOODSMAN	12X	BRUSH CHIPPER	URBAN FOREST	158	N/A	7
20058	2010	WIRTGEN	W120	COLD MILLING MACHINE	STREET MAINTENANCE	925	N/A	7



APPENDIX C. ALL DEPARTMENTS NON-METERED UNITS (EXCLUDING POLICE AND FIRE)

UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	FUNCTIONAL CATEGORY
20347	2015	JOHN DEERE	1200A	BUNK & FIELD RAKE	PARK MAINTENANCE	8
20184	2012	JOHN DEERE	1200A	BUNK & FIELD RAKE	PARK MAINTENANCE	8
20034	2010	JOHN DEERE	1200A	BUNK & FIELD RAKE	PARK MAINTENANCE	8
16161	2008	JOHN DEERE	1200A	BUNK & FIELD RAKE	PARK MAINTENANCE	8
20451	2016	JOHN DEERE	1200A	BUNKER RAKE	PARK MAINTENANCE	8
20299	2014	JOHN DEERE	1200A	BUNK & FIELD RAKE	PARK MAINTENANCE	8
20080	2010	CHANGZHOU	TRAILER - FOLDABLE	FOLDABLE TRAILER	ECONOMIC DEVELOPMENT	8
20079	2010	CHANGZHOU	TRAILER - FOLDABLE	FOLDABLE TRAILER	ECONOMIC DEVELOPMENT	8
20078	2010	CHANGZHOU	TRAILER - FOLDABLE	FOLDABLE TRAILER	ECONOMIC DEVELOPMENT	8
20077	2010	CHANGZHOU	TRAILER - FOLDABLE	FOLDABLE TRAILER	ECONOMIC DEVELOPMENT	8
20076	2010	CHANGZHOU	TRAILER - FOLDABLE	FOLDABLE TRAILER	ECONOMIC DEVELOPMENT	8
20600	2018	SOLAR TECH	SILENT MESSENGER II	MESSAGE BOARD	STREET MAINTENANCE	8
20527	2017	SOLAR TECH	SILENT MESSENGER II	MESSAGE BOARD	STREET MAINTENANCE	8
20236	2013	STEAMX	SS30005VH	PRESSURE WASHER	FACILITIES MANAGEMENT ADMINISTRATION	8
20235	2013	STEAMX	SS30005VH	PRESSURE WASHER	FACILITIES MANAGEMENT ADMINISTRATION	8
20447	2011	SIGNATURE SERIES	SS4030HD0F	PRESSURE WASHER - HOT WATER	FACILITIES MANAGEMENT ADMINISTRATION	8
20132	2011	LANDA	VHG4-22024A	PRESSURE WASHER	RESOURCE RECOVERY AND RECYCLING	8
20074	2011	WASTECADDY	CART	DUMPSTER MOVER	ECONOMIC DEVELOPMENT	8
20075	2011	WASTECADDY	CART	WASTECADDY CART	ECONOMIC DEVELOPMENT	8
20455	2016	CAR CADDY	HEAVY-DUTY 36VDC	PUSHER	FLEET MANAGEMENT - VEHICLE FUND	8
20601	2018	LUNA	SAND SCRAPER	SAND RAKE	BEACH MAINTENANCE	8
20522	2017	LUNA	SAND SCRAPER	SAND RAKE	BEACH MAINTENANCE	8
20520	2017	LUNA	SAND SCRAPER	SAND RAKE	BEACH MAINTENANCE	8
20022	2010	LUNA	SAND SCRAPER	SAND SCRAPER	BEACH MAINTENANCE	8



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	FUNCTIONAL CATEGORY
20586	2018	MULTIQUIP	MVC-88VTHW	VIBRA PLATE	STREET MAINTENANCE	8
20585	2018	MULTIQUIP	MVC-88VTHW	VIBRA PLATE	STREET MAINTENANCE	8
20584	2018	MULTIQUIP	MVC-88VTHW	VIBRA PLATE	STREET MAINTENANCE	8
20504	2017	WACKER NEWSON	KOW1003GE	VIBRATORY PLATE	STREET MAINTENANCE	8
20531	2017	DROP DECK	HGL TANDEM	TRAILER	AIRPORT	8
20374	2002	HAULMARK	CB6X14DS2	TRAILER - LARGE	HUMAN SERVICES - NEIGHBORHOOD & PARKS UNIT	8
14886	1991	BIG TEX	CARRIER TRLR	TRAILER - SMALL	POLICE - ADMINISTRATIVE SERVICES	8
16227	2008	TRIPLE-L	4610	TRAILER - SMALL	RESOURCE RECOVERY AND RECYCLING	8
15368	1998	WELLS CARGO	W/CLORINATOR	TRAILER - SMALL	RESOURCE RECOVERY AND RECYCLING	8
20000	2009	ZIEMAN	1170-E	TRAILER - LARGE	STREET MAINTENANCE	8
15486	1999	ZIEMAN	TRAILER	TRAILER - SMALL	STREET MAINTENANCE	8
15349	1997	ZIEMAN	1137-S	TRAILER - SMALL	STREET MAINTENANCE	8
20318	2015	WELLS CARGO	TW101	TRAILER - SMALL	TRAFFIC ENGINEERING & MANAGEMENT	8
20036	2010	KAUFMAN	TRAILER	TRAILER, FORKLIFT	WATER	8
20190	2012	MARKSMAN	TRA001-PP6X4	PORTA POTTY, TRAILERED	STREET MAINTENANCE	8
20192	2012	MARKSMAN	TRA001-PP6X4	PORTA POTTY, TRAILERED	STREET MAINTENANCE	8
20126	2012	MARKSMAN	TRA001-PP6X4	PORTA POTTY, TRAILERED	WATER	8
20127	2012	MARKSMAN	TRA001-PP6X4	PORTA POTTY, TRAILERED	WATER	8
20097	2005	POLY JOHN	PJN3	PORTABLE TOILET	WATER	8
15943	2005	POLY JOHN	PJN3	PORTABLE TOILET	WATER	8
01226	2000	PLACEHOLDER	PLACEHOLDER	OSE	OFFICE OF SUSTAINABILITY & THE ENVIRONMENT	8
01551	2002	PLACEHOLDER	PLACEHOLDER	PLACEHOLDER	FACILITIES MANAGEMENT ADMINISTRATION	8
20338	2000	DAYTON	4YX97	PALLET JACK/TRUCK	FACILITIES MANAGEMENT ADMINISTRATION	8
20467	2008	GENIE	AWP-30S	SCISSOR LIFT	FACILITIES MANAGEMENT ADMINISTRATION	8
20335	2015	XILIN	CBD15A	SEMI-ELECTRIC PALLET TRUCK	FACILITIES MANAGEMENT ADMINISTRATION	8



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	FUNCTIONAL CATEGORY
20030	2010	REDEXIM VERTITIP	VERTI TOP	TURF CLEANER ATTACHMENT	PARK MAINTENANCE	8
20454	2016	REDEXIM	TURF STRIPPER 2000	TURF STRIPPER	PARK MAINTENANCE	8
20532	2017	MARKSMAN	TRA001-PP6X4	UNIT PURCHASED BY PARKS DEPARTMENT WITH THEIR OWN FUNDS.	PARK MAINTENANCE	8
20300	2014	JOHN DEERE	2653B	UTILITY MOWER	PARK MAINTENANCE	8
20120	2012	API	TRAILER	MODULAR BUILDING, TRAILERED	PIER MAINTENANCE	8
20221	2013	TEXAS BRAGG	Utility	TRAILER W/ WATER HAUL	RESOURCE RECOVERY AND RECYCLING	8
20449	2017	STIHL	MS311	CHAINSAW	STREET MAINTENANCE	8
20379	2015	WACKER NEWSON	PT 6LT PUMP/TRAILER	WATER PUMP, TRAILERED	WASTEWATER	8
20529	2017	PACIFIC-TEC	PV-100-D1W-T	POWER VACUUM, TRAILERED MOUNTED	WATER	8



APPENDIX D. FIRE METERED AND NON-METERED UNITS

UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	METER MILES	METER HOURS	TAKE HOME MILES	L/M/H/NA	FUNCTIONAL USE
20303	2014	POLARIS	RANGER 6X6 800	ATV	FIRE ADMINISTRATION	2,533			N/A	4
20302	2014	POLARIS	RANGER 6X6 800	ATV	FIRE ADMINISTRATION	2,939			N/A	4
20265	2014	FORD	FOCUS	ELECTRIC SEDAN	FIRE ADMINISTRATION	5,774			M	4
20266	2014	FORD	FOCUS	ELECTRIC SEDAN	FIRE ADMINISTRATION	7,315			H	4
20267	2014	FORD	FOCUS	ELECTRIC SEDAN	FIRE ADMINISTRATION	10,316			H	4
20414	2016	FORD	FOCUS	ELECTRIC SEDAN	FIRE ADMINISTRATION	5,216			H	4
20415	2016	TOYOTA	8FGC45U	FORK LIFT	FIRE ADMINISTRATION		29		N/A	4
20327	2011	DODGE	RAM 5500	LIGHT UTILITY TRUCK	FIRE ADMINISTRATION	14,900			N/A	4
16318	2010	DODGE	RAM 3500	PICKUP TRUCK - 3/4 TON	FIRE ADMINISTRATION	9,871			L	4
15788	2003	FORD	F-250	4X4 SUPER DUTY PICKUP TRUCK	FIRE ADMINISTRATION	47,554			L	4
15910	2005	DODGE	RAM 1500	PICKUP TRUCK	FIRE ADMINISTRATION	205,715		9,600	H	4
15892	2004	FORD	F-150	PICKUP TRUCK - 1/2 TON	FIRE ADMINISTRATION	186,687			H	4
15952	2006	DODGE	RAM 2500	PICKUP TRUCK	FIRE ADMINISTRATION	206,296			H	4
15891	2004	CHEVROLET	SUBURBAN	SUV	FIRE ADMINISTRATION	30,485			L	4
20435	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	FIRE ADMINISTRATION	18,430		13,440	L	4
20434	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	FIRE ADMINISTRATION	13,235		8,064	L	4
20432	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	FIRE ADMINISTRATION	18,213		11,904	M	4
20282	2013	CHEVROLET	SUBURBAN	SUV	FIRE ADMINISTRATION	20,066			M	4
20437	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	FIRE ADMINISTRATION	26,997		18,432	M	4
20420	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	FIRE ADMINISTRATION	9,910			H	4
16314	2010	FORD	EDGE	SUV	FIRE ADMINISTRATION	106,080		16,128	H	4



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	METER MILES	METER HOURS	TAKE HOME MILES	L/M/H/NA	FUNCTIONAL USE
20433	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	FIRE ADMINISTRATION	30,124		15,360	H	4
20436	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	FIRE ADMINISTRATION	28,256		336	H	4
20433	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	FIRE ADMINISTRATION	30,124			H	4
20205	2013	FORD	FOCUS	SEDAN	FIRE ADMINISTRATION	11,861			L	4
20204	2013	FORD	FOCUS	SEDAN	FIRE ADMINISTRATION	11,915			L	4
16316	2010	FORD	CROWN VICTORIA	SEDAN	FIRE ADMINISTRATION	97,320		19,200	L	4
16317	2010	FORD	CROWN VICTORIA	SEDAN	FIRE ADMINISTRATION	79,923		13,440	L	4
16315	2010	FORD	CROWN VICTORIA	SEDAN	FIRE ADMINISTRATION	106,746		17,664	M	4
20197	2012	DODGE	CHARGER	SEDAN - PURSUIT	FIRE ADMINISTRATION	41,102		192	H	4
15972	2006	FORD	CROWN VICTORIA	SEDAN	FIRE ADMINISTRATION	163,637		13,056	H	4
20253	2014	DODGE	CHARGER	SEDAN - PURSUIT	FIRE ADMINISTRATION	55,780		9,216	H	4
20196	2012	DODGE	CHARGER	SEDAN - PURSUIT	FIRE ADMINISTRATION	78,687		2,304	H	4
20198	2012	DODGE	CHARGER	SEDAN - PURSUIT	FIRE ADMINISTRATION	93,807		43,392	H	4
16313	2010	FORD	E-250	VAN	FIRE ADMINISTRATION	22,879			N/A	4



APPENDIX E. POLICE METERED AND NON-METERED UNITS

UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	METER	TAKE HOME MILES	L/M/H/NA	FUNCTIONAL USE
20296	2013	HONDA	ST1300PA M/C	MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	18,828		H	4
20258	2013	HONDA	ST1300PA M/C	MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	22,791		H	4
20297	2013	HONDA	ST1300PA M/C	MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	27,890	38,400	H	4
20464	2016	BMW	MOTORCYCLE	PD MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	13,082	23,040	H	4
20295	2013	HONDA	ST1300PA M/C	MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	38,991	23,040	H	4
20466	2016	BMW	MOTORCYCLE	PD MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	17,200	23,040	H	4
20255	2013	HONDA	ST1300PA M/C	MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	43,250	0	H	4
20298	2013	HONDA	ST1300PA M/C	MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	44,178	26,112	H	4
20252	2012	HONDA	ST1300PA M/C	MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	59,226	21,504	H	4
20461	2016	BMW	MOTORCYCLE	PD MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	25,339	26,880	H	4
20462	2016	BMW	MOTORCYCLE	PD MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	28,223	26,880	H	4
20463	2016	BMW	MOTORCYCLE	PD MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	32,305	23,040	H	4
20465	2016	BMW	MOTORCYCLE	PD MOTORCYCLE	POLICE - ADMINISTRATIVE SERVICES	33,280	24,576	H	4
20316	2014	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	17,423		L	4
20474	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	3,274		L	4
20488	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	5,521		M	4
20475	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	5,710		M	4
20469	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	5,839		M	4
20468	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	6,014		M	4
20315	2014	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	14,670		M	4
20484	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	7,721		H	4
20470	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	7,882		H	4
20489	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	8,401		H	4
20473	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	8,906		H	4



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	METER	TAKE HOME MILES	L/M/H/NA	FUNCTIONAL USE
20482	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	8,987		H	4
20485	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	9,666		H	4
20480	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	10,336		H	4
20487	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	10,401		H	4
20314	2014	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	21,175		H	4
20483	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	10,863		H	4
20471	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	11,121		H	4
20490	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	11,673		H	4
20478	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	11,929		H	4
20472	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	12,714		H	4
20476	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	13,353		H	4
20481	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	13,655		H	4
20477	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	13,718		H	4
20486	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	14,273		H	4
20479	2016	GO-4	INTERCEPT IV	SCOOTER	POLICE - ADMINISTRATIVE SERVICES	14,557		H	4
20554	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	0		N/A	4
20551	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	32		N/A	4
20552	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	981		N/A	4
20553	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	2,096		N/A	4
16055	2007	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	45,329		M	4
20259	2014	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	17,944		M	4
20431	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	9,814		M	4
16156	2008	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	49,409		M	4



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	METER	TAKE HOME MILES	L/M/H/NA	FUNCTIONAL USE
16053	2007	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	55,252		M	4
20035	2010	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	40,967		M	4
15983	2004	FORD	F-150	PICKUP TRUCK - 1/2 TON	POLICE - ADMINISTRATIVE SERVICES	90,583		H	4
20007	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	65,731		H	4
20052	2011	CHEVROLET	SILVERADO	4X4 PICKUP TRUCK	POLICE - ADMINISTRATIVE SERVICES	52,952		H	4
15982	2004	FORD	F-150	PICKUP TRUCK - 1/2 TON	POLICE - ADMINISTRATIVE SERVICES	111,234		H	4
20423	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	19,062		H	4
20422	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	25,848		H	4
20002	2009	FORD	F-250	PICKUP TRUCK - 3/4 TON	POLICE - ADMINISTRATIVE SERVICES	117,840		H	4
20003	2009	FORD	F-250	PICKUP TRUCK - 3/4 TON	POLICE - ADMINISTRATIVE SERVICES	166,333		H	4
20421	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	11,384		H	4
16298	2009	FORD	F-250	PICKUP TRUCK - 3/4 TON	POLICE - ADMINISTRATIVE SERVICES	12,735		L	4
16299	2009	FORD	F-250	PICKUP TRUCK - 3/4 TON	POLICE - ADMINISTRATIVE SERVICES	17,237		L	4
15773	2002	FORD	F-150	PICKUP TRUCK - 1/2 TON	ANIMAL CONTROL	59,772		M	4
15980	2007	FORD	F-350	PICKUP TRUCK - 1 TON	POLICE - ADMINISTRATIVE SERVICES	91,268		H	4
15913	2005	FORD	F-350	PICKUP TRUCK - 1 TON	POLICE - ADMINISTRATIVE SERVICES	152,643		H	4
16225	2008	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	18,105	23,040	L	4
16270	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	48,945	7,200	M	4
20290	2014	FORD	POLICE INTERCEPTOR	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	25,841	6,144	M	4
16261	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	62,131	15,360	H	4
16187	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	76,967	5,760	H	4
16185	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	69,204	16,530	H	4
16265	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	87,529	17,280	H	4



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	METER	TAKE HOME MILES	L/M/H/NA	FUNCTIONAL USE
20418	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	24,320	32,640	H	4
20020	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	170,133	11,520	H	4
20535	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	30	1,920	N/A	4
20540	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	10,999	15,744	N/A	4
20548	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	4,924	10,752	N/A	4
20549	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	5,810	14,592	N/A	4
20546	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	1,577		N/A	4
20550	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	32		N/A	4
16260	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	48,742		H	4
16179	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	50,951		H	4
16188	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	51,975		H	4
16178	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	53,642		H	4
16181	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	110,468		H	4
20157	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	48,052	13,440	L	4
20171	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	55,231	11,520	L	4
20179	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	73,311	13,440	H	4
20169	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	94,651	13,440	H	4
20167	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	109,547	13,824	H	4
20128	2012	CHEVROLET	SUBURBAN	SUV	POLICE - ADMINISTRATIVE SERVICES	8,496	3,840	L	4
16003	2007	FORD	CROWN VICTORIA	SEDAN	ANIMAL CONTROL	16,645	0	L	4
16224	2008	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	19,009	0	L	4
20099	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	16,114	0	L	4



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	METER	TAKE HOME MILES	L/M/H/NA	FUNCTIONAL USE
16049	2007	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	32,925	0	L	4
16264	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	35,311	3,840	L	4
20101	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	31,995	3,840	L	4
15999	2007	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	54,311	0	M	4
20429	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	10,001	6,720	M	4
16002	2007	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	57,853	0	M	4
20137	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	38,194	0	M	4
16066	2007	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	66,399	0	M	4
20416	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	12,164	11,520	M	4
15957	2007	CHEVROLET	TAHOE LS	SUV	POLICE - ADMINISTRATIVE SERVICES	71,735	0	H	4
20140	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	51,094	7,680	H	4
20136	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	51,140	4,992	H	4
16269	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	66,428	0	H	4
16229	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	68,624	17,664	H	4
20138	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	56,156	0	H	4
16281	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	78,231	0	H	4
16289	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	79,389	0	H	4
20428	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	17,765	8,448	H	4
20139	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	64,744	11,904	H	4
20424	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	20,437	10,752	H	4
20019	2010	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	83,121	3,840	H	4
16271	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	93,639	0	H	4
16230	2009	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	98,003	12,288	H	4



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	METER	TAKE HOME MILES	L/M/H/NA	FUNCTIONAL USE
20425	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	21,794	13,056	H	4
20025	2010	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	90,327	14,208	H	4
20024	2010	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	91,858	11,520	H	4
20426	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	23,091	11,520	H	4
20419	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	38,760	0	H	4
20427	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	55,883	16,896	H	4
20534	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	11,518	16,512	N/A	4
20536	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	2,938	3,840	N/A	4
20538	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	1,642	0	N/A	4
20539	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	787	0	N/A	4
20547	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	7,508	14,976	N/A	4
20555	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	4,735	11,520	N/A	4
20556	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	10,699	13,440	N/A	4
20557	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	7,140	18,816	N/A	4
20558	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	10,324	20,160	N/A	4
20533	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	6,771	12,672	N/A	4
20537	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	5,902	13,440	N/A	4
20100	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	71,411	11,520	H	4



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	METER	TAKE HOME MILES	L/M/H/NA	FUNCTIONAL USE
20417	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	22,104	3,456	H	4
20031	2010	CHEVROLET	TAHOE	PICKUP TRUCK	POLICE - ADMINISTRATIVE SERVICES	20,538		L	4
20180	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	19,784		L	4
20326	2014	FORD	F-150	PICKUP TRUCK	POLICE - ADMINISTRATIVE SERVICES	12,882		L	4
20325	2014	FORD	F-150	PICKUP TRUCK	POLICE - ADMINISTRATIVE SERVICES	13,055		L	4
16311	2010	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	29,099		L	4
16310	2010	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	35,223		M	4
16160	2008	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	44,270		M	4
20170	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	33,129		M	4
16312	2010	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	38,305		M	4
20161	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	34,007		M	4
20215	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	34,371		M	4
20160	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	36,946		M	4
20163	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	37,450		M	4
20021	2010	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	45,769		M	4
20121	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	42,070		H	4
20027	2010	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	49,354		H	4
16096	2007	CHEVROLET	TAHOE	SUV	POLICE - ADMINISTRATIVE SERVICES	73,376		H	4
20175	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	47,913		H	4
20178	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	49,211		H	4
20166	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	50,723		H	4
20177	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	50,812		H	4
20164	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	52,264		H	4
20176	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	53,234		H	4
20154	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	53,479		H	4



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	METER	TAKE HOME MILES	L/M/H/NA	FUNCTIONAL USE
20150	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	54,104		H	4
16095	2007	CHEVROLET	TAHOE	SUV	POLICE - ADMINISTRATIVE SERVICES	85,180		H	4
20067	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	54,652		H	4
20173	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	54,859		H	4
20123	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	55,098		H	4
20158	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	55,146		H	4
20066	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	58,730		H	4
20162	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	59,070		H	4
20149	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	60,542		H	4
20145	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	60,639		H	4
20141	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	61,403		H	4
20146	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	61,597		H	4
20144	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	64,063		H	4
20143	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	64,214		H	4
20165	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	64,951		H	4
20125	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	65,547		H	4
20124	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	65,600		H	4
20142	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	66,464		H	4
20151	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	67,384		H	4
20148	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	67,821		H	4
20153	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	68,364		H	4
20068	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	68,705		H	4
20152	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	69,382		H	4
20156	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	93,025		H	4
20122	2011	FORD	CROWN VICTORIA	SEDAN	POLICE - ADMINISTRATIVE SERVICES	93,824		H	4
20053	2011	CHEVROLET	SILVERADO	PICKUP 4X4	#REF!	108,688		H	4



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	METER	TAKE HOME MILES	L/M/H/NA	FUNCTIONAL USE
20542	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	13,782		N/A	4
20543	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	12,368		N/A	4
20544	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	6,626		N/A	4
20545	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	8,693		N/A	4
20328	2015	HONDA	CIVIC GX	SEDAN	POLICE - ADMINISTRATIVE SERVICES	2,254		L	4
20272	2013	HONDA	CIVIC GX	SEDAN	POLICE - SPEC. ENFOR	5,307		L	4
20541	2018	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	1,231		M	4
20274	2013	HONDA	CIVIC GX	SEDAN	POLICE - SPEC. ENFOR	6,430		M	4
20273	2013	HONDA	CIVIC GX	SEDAN	POLICE - SPEC. ENFOR	6,742		M	4
16193	2008	FORD	F-150	PICKUP TRUCK - 1/2 TON	POLICE - ADMINISTRATIVE SERVICES	40,518		H	4
20238	2014	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	POLICE - ADMINISTRATIVE SERVICES	28,464		H	4
20061	2011	FORD	E150	VAN - CARGO	POLICE - ADMINISTRATIVE SERVICES	2,090		L	4
20008	2009	FORD	E-250	VAN - CARGO	POLICE - ADMINISTRATIVE SERVICES	7,625		L	4
20370	2012	FORD	TRANSIT CONNECT	VAN - CARGO	POLICE - ADMINISTRATIVE SERVICES	9,168		M	4
20369	2012	FORD	TRANSIT CONNECT	VAN - CARGO	POLICE - ADMINISTRATIVE SERVICES	10,074		H	4
20372	2012	FORD	TRANSIT CONNECT	VAN - CARGO	POLICE - ADMINISTRATIVE SERVICES	10,076		H	4
20117	2012	FORD	TRANSIT CONNECT EV	VAN - CARGO	POLICE - ADMINISTRATIVE SERVICES	12,086		H	4
20371	2012	FORD	TRANSIT CONNECT	VAN - CARGO	POLICE - ADMINISTRATIVE SERVICES	13,360		H	4
20106	2012	FORD	TRANSIT CONNECT EV	VAN - CARGO	POLICE - ADMINISTRATIVE SERVICES	32,326		H	4
16171	2008	DODGE	CARAVAN	VAN PASSENGER	POLICE - ADMINISTRATIVE SERVICES	22,395		N/A	4
20565	2018	FORD	E 350	PRISONER TRANSPORT VAN	POLICE - ADMINISTRATIVE SERVICES	285		N/A	4
20211	2013	HONDA	MUV700	UTILITY VEHICLE	BEACH ADMINISTRATION	22		L	4
20210	2013	HONDA	MUV700	UTILITY VEHICLE	BEACH ADMINISTRATION	331		L	4



UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT	METER	TAKE HOME MILES	L/M/H/NA	FUNCTIONAL USE
20331	2015	POLARIS	RANGER CREW 900	ATV	POLICE - ADMINISTRATIVE SERVICES	4,793		H	4
20332	2015	POLARIS	RANGER CREW 900	ATV	POLICE - ADMINISTRATIVE SERVICES	6,250		H	4
20102	2010	HAULMARK	BOX TRAILER	EMERGENCY TRAILER - 6X10 HLC	POLICE - ADMINISTRATIVE SERVICES	0		N/A	4
14886	1991	BIG TEX	CARRIER TRLR	TRAILER - SMALL	POLICE - ADMINISTRATIVE SERVICES	100		N/A	4
20526	2015	SKYWATCH	FRONTIER	WATCH TOWER	POLICE - ADMINISTRATIVE SERVICES	0		N/A	4
20395	2016	FREIGHTLINER	TRUCK	MOBILE COMMAND CENTER	POLICE - ADMINISTRATIVE SERVICES	0		N/A	4
20519	2017	WORK AREA PROTECTION	MICRO MINI	MESSAGE BOARD	POLICE - ADMINISTRATIVE SERVICES	0		N/A	4
16238	2009	SUNDOWNER	720	HORSE TRAILER	POLICE - ADMINISTRATIVE SERVICES	11		N/A	4
20193	2001	MIGHTY MOVER	Unknown	TRAILER - BIN	POLICE - ADMINISTRATIVE SERVICES	15		N/A	4
16300	2009	FEATHERLITE	HORSE TRAILER	HORSE TRAILER	POLICE - ADMINISTRATIVE SERVICES	500		N/A	4
15214	1996	SEAWAY	PATROL BOAT	F96DLSEAMISN	POLICE - ADMINISTRATIVE SERVICES	100		N/A	4
20430	2016	FORD	POLICE INTERCEPTOR UTILITY	POLICE INTERCEPTOR UTILITY	OFFICE OF EMERGENCY MANAGEMENT	10,364		N/A	4



APPENDIX F. SHOP LOANER POOL AND TEMPORARILY ASSIGNED UNITS

UNIT NO.	YEAR	MAKE	MODEL	DESCRIPTION	USING DEPARTMENT/DIVISION	METER	L/M/H/NA	FUNCTIONAL USE
15846	2004	AUTOCAR	IN FLEETS POSSESSION	WATER TRUCK	WATER	5035	N/A	2
15324	1998	FORD	F-250	PICK UP - 3/4 TON (LOANER)	PARK MAINTENANCE	16842	N/A	2
15581	2000	HONDA	CIVIC GX	SEDAN (LOANER)	FLEET MANAGEMENT - VEHICLE FUND	45114	N/A	2
15741	2002	FORD	F-150	PICK UP - 1/2 TON (LOANER)	URBAN FOREST	40248	N/A	2
15786	2002	FORD	F-150	PICK-UP (LOANER)	WATER	40474	N/A	2
15577	2000	FORD	E-250	VAN (LOANER)	PARKS IRRIGATION	50541	N/A	2
15320	1998	FORD	F-250	PICK UP - 3/4 TON (LOANER)	FLEET MANAGEMENT - VEHICLE FUND	58700	N/A	2
15739	2002	FORD	F-150	PICK UP - 1/2 TON (LOANER)	STREET MAINTENANCE	48487	N/A	2
15740	2002	FORD	F-150	PICK UP - 1/2 TON (LOANER)	STREET MAINTENANCE	52084	N/A	2
15565	2000	FORD	F-150	PICK UP - 1/2 TON (LOANER)	PIER MAINTENANCE	58603	N/A	2
15785	2002	FORD	F-150	PICK UP - 1/2 TON (LOANER)	PARK MAINTENANCE	57741	N/A	2
15734	2002	FORD	F-150	PICK UP - 1/2 TON (LOANER)	WATER	65434	N/A	2
15774	2002	CHEV	SILVERADO	PICK-UP (LOANER)	PARKS	107693	N/A	2
15808	2003	FORD	F-150	PICK-UP (LOANER)	PARKS	157440	N/A	2
20515	2017	NISSAN	LEAF	ELECTRIC SEDAN (CY POOL)	FLEET MANAGEMENT - VEHICLE FUND	2045	N/A	2
20514	2017	NISSAN	LEAF	ELECTRIC SEDAN (CY POOL)	FLEET MANAGEMENT - VEHICLE FUND	2930	N/A	2
20401	2016	NISSAN	LEAF	ELECTRIC SEDAN (LEASE)	OFFICE OF SUSTAINABILITY & THE ENVIRONMENT	4050	N/A	2
20400	2016	NISSAN	LEAF	ELECTRIC SEDAN (LEASE)	OFFICE OF SUSTAINABILITY & THE ENVIRONMENT	8301	N/A	2
15839	2003	FORD	F-150	PICKUP TRUCK - 1/2 TON	FLEET MANAGEMENT - VEHICLE FUND	34444	N/A	2
15876	2004	FORD	F-150	PICKUP TRUCK - 1/2 TON	FLEET MANAGEMENT - VEHICLE FUND	69435	N/A	2
15202	1996	CHEVROLET	W4/TILTMASER	PICKUP TRUCK W/SPECIAL BODY	FLEET MANAGEMENT - VEHICLE FUND	42229	N/A	2
15781	2002	ISUZU	NPR	PICKUP TRUCK W/STAKE BED	WATER	24875	N/A	2
15927	2002	TOYOTA	RAV-4	ELECTRIC SUV	FLEET MANAGEMENT - VEHICLE FUND	30076	N/A	2



APPENDIX G: VEHICLE AND EQUIPMENT REDUCTION RECOMMENDATIONS

NO.	DEPARTMENT	DIVISION	UNIT NUMBER	DESCRIPTION	DISPOSITION
1	PLANNING & COMMUNITY DEVELOPMENT	Mobility-Central Pool	15769	2002/Sedan-CNG	Reassign to Shop Loaner Pool
2	PLANNING & COMMUNITY DEVELOPMENT	Mobility-Central Pool	15825	2003/Sedan-Hybrid	Reassign to Shop Loaner Pool
3	PUBLIC WORKS	Resource, Recovery & Recycle	20516	2017 Sedan-Electric	Reassign to Central Pool
4	PUBLIC WORKS	Facilities Management Admin	20413	2016 Sedan-Electric	Reassign to Central Pool
5	PUBLIC WORKS	Fleet Management	20514	2017 Sedan-Electric	Reassign to Central Pool
6	PUBLIC WORKS	Fleet Management	20515	2017 Sedan-Electric	Reassign to Central Pool
7	PUBLIC WORKS	Resource, Recovery & Recycle	20503	2016 Pickup W/Stake Bed	Reassign to Heavy Equipment Pool
8	PUBLIC WORKS	Beach Maintenance	20054	2011 Wheel Loader	Reassign to Heavy Equipment Pool
9	PUBLIC WORKS	Water	15505	1999 Backhoe	Reassign to Heavy Equipment Pool
10	PUBLIC WORKS	Water	20095	2012 Dump Truck W/Loader	Reassign to Heavy Equipment Pool
11	PUBLIC WORKS	Streets	15588	2000 Compressor	Reassign to Heavy Equipment Pool
12	PUBLIC WORKS	Streets	15586	2000 Compressor	Reassign to Heavy Equipment Pool
13	PUBLIC WORKS	Water	20084	2001 Cement Mixer	Reassign to Heavy Equipment Pool
14	PUBLIC WORKS	Facilities Management Admin	20235	2013 Pressure Washer	Reassign to Heavy Equipment Pool
15	PUBLIC WORKS	Resource, Recovery & Recycle	20304	2015 Bin Wash Truck	Reassign to Heavy Equipment Pool
16	PUBLIC WORKS	Street Maintenance	20445	2016 Sedan-Electric	Reassign to City Yard Facility Admin Pool
17	PUBLIC WORKS	Facilities Management Admin	20246	2013 SUV	Reassign to City Yard Facility Admin Pool
18	PUBLIC WORKS	Facilities Management Admin	20349	2015 Sedan-Electric	Reassign to City Yard Facility Admin Pool
19	PUBLIC WORKS	Water	20345	2015 Sedan-Electric	Reassign to City Yard Facility Admin Pool
20	PUBLIC WORKS	Resource, Recovery & Recycle	20214	2013 Sedan	Reassign to City Yard Facility Admin Pool
21	PUBLIC WORKS	Resource, Recovery & Recycle	20500	2016 Rear Broom Sweeper	Reassign to Beach Maintenance
22	PUBLIC WORKS	Water	20194	2011 Sedan-Electric	Reassign to Shop Loaner Pool
23	PUBLIC WORKS	Resource, Recovery & Recycle	15293	1997 Pick up W/Service Body	Reassign to Shop Loaner Pool
24	PUBLIC WORKS	Facilities Management Admin	15885	1995 Forklift	Surplus



NO.	DEPARTMENT	DIVISION	UNIT NUMBER	DESCRIPTION	DISPOSITION
25	PUBLIC WORKS	Park Maintenance	20453	2016 Compact Backhoe/Loader	Surplus
26	PUBLIC WORKS	Park Maintenance	20010	2009 Tractor	Surplus
27	PUBLIC WORKS	Promenade Maintenance	15725	2001 Pickup W/Stake Bed	Surplus
28	PARKS & REC	Park Maintenance	20011	2009 Beach Cleaner	Surplus
29	PUBLIC WORKS	Water	15813	2003 Wheel Loader	Surplus
30	PUBLIC WORKS	Wastewater	20081	2000 Cement Mixer	Surplus
31	PUBLIC WORKS	Facilities Management Admin	16154	2008 Pressure Washer	Surplus
32	PUBLIC WORKS	Facilities Management Admin	16183	2008 Boom Lift	Surplus
33	PUBLIC WORKS	Resource, Recovery & Recycle	20132	2011 Pressure Washer	Surplus
34	PUBLIC WORKS	Resource, Recovery & Recycle	15368	1998 Small Trailer	Surplus
35	PUBLIC WORKS	Resource, Recovery & Recycle	15682	2001 Small Trailer	Surplus
36	PUBLIC WORKS	Streets & Signs Maintenance	15683	2011 Aerial Lift	Surplus
37	PUBLIC WORKS	Street Maintenance	15870	2004 Electric Turf Truck	Surplus
38	PUBLIC WORKS	Street Maintenance	16207	2008 Tandem Roller	Surplus
39	PUBLIC WORKS	Cemetery	15613	2001 Pickup	Surplus
40	PUBLIC WORKS	Facilities Management Admin	15684	2001 Aerial Lift	Downsize to Pickup