

EXHIBIT A

Revocable License Area

For County right-of-way RLA

(This exhibit shall depict the geographic area located within County right-of-way in which the proposed LES system will be fully contained within, and depict and detail the Signalization Equipment to which the proposed LES system will be attached. The exhibit shall include all above-ground, underground and aerial installation areas, as well as all areas containing infrastructure for which LES system equipment is proposed to be attached. Areas that will contain underground conduit and cabling to Florida Power & Light (FP&L) service points or to nearby existing network communications connection points shall also be included. The exhibit should use recent color aerial images and depict the proposed location of all equipment, including but not limited to supports, equipment cabinets, conduit, cabling and all other peripheral or auxiliary system components.)

Signalization Equipment

For City right-of-way RLA

(This exhibit shall depict and detail the Signalization Equipment located within municipal right-of-way to which the proposed LES system will be attached. The exhibit shall include all above-ground, underground and aerial installation areas, as well as all areas containing infrastructure for which LES system equipment is proposed to be attached. Areas that will contain underground conduit and cabling to Florida Power & Light (FP&L) service points or to nearby existing network communications connection points shall also be included. The exhibit should use recent color aerial images and depict the proposed location of all equipment, including but not limited to supports, equipment cabinets, conduit, cabling and all other peripheral or auxiliary system components.)

11/15/21

Exhibit A to RLA - LES System_v3-Final-2021-1115

EXHIBIT B

LES System

(This exhibit will provide a detailed listing of all of the LES system equipment and generally describe the installation, operation, and maintenance of the LES System and reference the applicable Broward County Right-of-Way Permit number and/or the Broward County Traffic Engineering Division Project reference number.)

11/15/21
Exhibit B to RLA - LES System_v3-Final-2021-1115

EXHIBIT C

Conditions of Use

1. City shall not use or operate its Law Enforcement Surveillance System ("LES System") for red light traffic enforcement under Florida Statute Section 316.0083, or any other traffic infraction enforcement under Florida Statute Chapter 316.
2. City shall not use or operate its LES System in a manner that violates any federal, state, or local laws, regulations, or ordinances. City shall report violations of any federal, state, or local laws, regulations, or ordinances associated with the operation of the LES System in writing to County within ten (10) days after City learns or, through the exercise of reasonable diligence, should have learned of such violation.
3. All LES System video cameras (including thermal cameras) shall have governing devices that either physically prevent cameras from being rotated, aimed, or zoomed into residential property or shall be digitally programmable to blur the field of vision if cameras were to be rotated, aimed, or zoomed outside of the public right-of-way into residential property.
4. City shall establish internal controls and procedures, in addition to physical equipment controls, to minimize any potential intrusion of privacy while using the LES System for law enforcement uses and to prohibit any opportunities for voyeurism, misconduct, or other inappropriate use of the LES System by any party with access to the LES System.
5. City shall restrict use of the LES System to law enforcement uses only and shall only allow its own law enforcement personnel or other federal, state, and local law enforcement agencies to have active access to the system.
6. City and any third-party contracted by City are prohibited from sharing or selling any data or images obtained from the use of the LES System other than for specific law enforcement purposes associated with an ongoing criminal investigation, emergency or incident management, or the search for a lost or missing persons, which may involve other law enforcement or emergency response agencies, or otherwise ordered by a court having jurisdiction.
7. City shall provide County a detailed list of all LES System equipment proposed and the equipment specifications and operational capabilities, including video surveillance capabilities (such as resolution, pan, tilt, and zoom parameters), which said list shall be included as part of the approved plans and referenced in Exhibit B. County shall have the right to reject the installation of certain LES System equipment or its proposed location should the equipment or its positioning allow for unnecessarily intrusive surveillance or potentially violate personal privacy.
8. City shall install and operate the LES System in such a manner as to prevent unnecessarily intrusive surveillance or potential violation of personal privacy. City shall report violations of personal privacy associated with the operation of the LES System in writing to County within ten (10) days after City learns or, through the exercise of reasonable diligence, should have learned of such violation.
9. City shall not install any LES System equipment inside the County's traffic signal control cabinets, nor splice any existing County cables or wiring.

10. City shall install the LES System on a separate electric circuit completely segregated from the Signalization Equipment and shall not tap into or intercept the Signalization Equipment's electric circuit in any manner.
11. City shall not install any LES System equipment that may introduce electromagnetic, ultrasonic, electrical, or any other types of signal interference with any of the Signalization Equipment. If such interference is identified after the LES System is installed, the City shall remove, replace, or otherwise mitigate the interference at its own expense to the satisfaction of the Contract Administrator. County shall not be responsible for mitigating any interference introduced to the LES System due to the LES System's proximity to the Signalization Equipment.
12. City shall not utilize any existing County operated and maintained conduits, conduit sweeps, and pull boxes, unless approved in writing by County, through its Contract Administrator.
13. City shall be responsible for the installation, continued maintenance, and repair of its LES System.
14. City shall not access, enter, attach to, adjust, remove, relocate, or otherwise manipulate any County equipment without the physical presence of the County's Traffic Engineering Division staff. City shall contact Broward County Traffic Engineering Division at (954) 847-2600 at least two business days (Monday through Friday, excluding County-observed holidays) prior to commencement of work to allow proper scheduling of personnel.
15. City shall comply with all aspects of Chapter 556, Florida Statutes (Underground Facility Damage Prevention and Safety Act) relative to the installation, operation, and maintenance of the LES System.
16. City staff and its contractors performing the installation or maintenance of any LES System equipment attached to the Signalization Equipment must have a Traffic Signal Technician Level I Certification (or higher) from the International Municipal Signal Association (IMSA). Any work impacting the operation of the Signalization Equipment shall be performed during non-peak traffic hours, as approved by [*insert appropriate County division]. A law enforcement officer shall be present for traffic control if the traffic signal is turned off or placed in flashing operation. All expenses for traffic control and use of law enforcement office shall be the responsibility of the City. Work zone control shall be accordance with FDOT Standard Index 600.
17. If County undertakes any improvements or modifications to the Signalization Equipment in the future, City shall disconnect and re-connect its equipment as necessary and at its own expense.
18. City shall reimburse County for all project-specific administration, on-site supervision, and inspection services on an hourly basis in accordance with the pricing schedule attached hereto as Attachment C-1. For each occasion, the time charged shall include travel time to and from the work site and the time spent at the work site, or two hours, whichever is greater. County shall invoice the City for the cost thereof. City shall pay such invoice within thirty (30) calendar days after receipt.
19. City shall reimburse the County for any cost resulting from public records requests or subpoena of County staff for deposition or court testimony related to this Agreement or City's use of its LES

System. The reimbursement shall be in accordance with the pricing schedule attached hereto as Attachment C-1. For each occasion related to a subpoena, the time charged shall include travel time to and from the specified location in the subpoena and the time spent at the location. County shall invoice the City for the cost thereof. City shall pay such invoice within thirty (30) calendar days after receipt.

4/27/22

Exhibit C to RLA - LES System_v11-Final-2022-0427

Attachment C-1

REIMBURSEMENT HOURLY RATES

<u>Job Classification</u>	<u>Hourly Rate* (\$/Hr)</u>
Director of Traffic Engineering	\$ 73.05
Assistant Director of Traffic Engineering	\$ 58.80
Information Systems Manager	\$ 58.80
Engineering Unit Supervisor	\$ 54.70
Traffic Operations (Signals) Superintendent	\$ 50.88
Licensed Engineer	\$ 47.33
Traffic Signals Supervisor	\$ 40.96
Network Communications Technician	\$ 32.97
Traffic Signal Technician, Senior	\$ 32.97
Traffic Signal Technician	\$ 28.53
Administrative Specialist	\$ 28.53

*Hourly rates shown represent the midpoint of the corresponding job classification pay rate range (as of _____) and shall increase annually at the same percentage as any annual increase to the salary ranges approved by the Board of County Commissioners. Additional job classifications and hourly rates may be added by Contract Administrator upon written notice to City.

EXHIBIT D

Broward County Department of Public Works Law Enforcement Surveillance (LES) System Special Technical Provisions

General

1. The following Broward County Special Technical Provisions provide installation guidance parameters for the installation of Law Enforcement Surveillance (LES) systems at signalized intersections operated and maintained by Broward County within Broward County jurisdictional roadways, and at signalized intersections operated and maintained by Broward County on behalf of other agencies, including local municipalities.

Governing Standards and Specifications

1. The governing standards and specifications for all LES systems shall be those adopted and in effect as of the date of permit application for projects to be installed within Broward County right-of-way, or as of the date of initial plans submittal to the Broward County Traffic Engineering Division for projects to be installed within municipal right-of-way that do not require a Broward County right-of-way permit.
2. Placement of all LES equipment within the public right-of-way shall comply with the applicable sections of the Florida Department of Transportation (FDOT) Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Green Book), FDOT Roadway Design Standards, and the Broward County Minimum Standards Applicable to Public Right-of-Way Under Broward County, Florida Jurisdiction (Broward County Minimum Standards).
3. The LES video surveillance equipment, vehicle detection equipment, structural supports, cabling, conduits, communications equipment, and any other supporting peripheral or auxiliary equipment associated with the LES System shall be in accordance with the applicable sections of the following FDOT Standard Specifications:
 - Section 603 – General Requirements for Traffic Control Signals and Devices
 - Section 620 – Grounding and Lightning Protection
 - Section 630 – Conduit
 - Section 633 – Communication Cable
 - Section 635 – Pull, Splice and Junction Boxes
 - Section 639 – Electrical Power Service Assemblies
 - Section 646 – Aluminum Poles, Pedestals and Posts
 - Section 649 – Mast Arm, Span Wire, and Pole Mounting Assemblies
 - Section 659 – Vehicle Detection Systems
 - Section 660 – Galvanized Steel Poles, Mast Arms, and Monotube Assemblies
 - Section 676 – Traffic Cabinets
 - Section 680 – System Control Equipment
 - Section 684 – Network Devices
 - Section 685 – Traffic Control System Auxiliaries

4. Underground communications systems serving the LES System shall be in accordance with the most current applicable sections of the FDOT Roadway Design Standards and FDOT Standard Specifications for Road and Bridge Construction.
5. Structural support posts and assemblies for all LES equipment and other ancillary equipment installations on Broward County and municipal roadways shall be in accordance with FDOT Roadway Design Standards. All support poles, support posts, other structural support elements and brackets must have FDOT product approval (i.e., listed on the FDOT Approved Product List). Design details and shop drawing of structural supports to be installed in Broward County right-of-way and/or attached to Broward County-maintained infrastructure must be approved by the Broward County's Contract Administrator or designee prior to installation.
6. All LES system equipment shall be grounded in accordance with FDOT Standard Specifications Section 620 and all other applicable electric codes. Grounding of the LES System equipment shall not in any way affect the grounding of any preexisting signal equipment.
7. Lightning protection and dissipation systems shall be installed in accordance with FDOT Standard Specifications Section 620. LES equipment and/or support assemblies shall be equipped with lightning deterrent systems in accordance with manufacturer's recommended practices and grounded accordingly.
8. Any proposed LES equipment or technology submittals that are not addressed under a FDOT standard specification shall include a detailed summary of its operating specifications and any applicable nationally recognized industry testing certifications to demonstrate its suitability for use in the public right-of-way and anticipated operating environment. It is recognized that certain types of law enforcement equipment and peripheral devices and supports will inherently not have FDOT Approved Product List certifications, however, Broward County reserves the right to ensure such equipment is adequately tested and certified, and substantially conforms to FDOT specifications to the greatest extent possible. Broward County may request certain proposed equipment be substituted with FDOT approved equipment if such reasonable substitutions exist. Broward County may deny installation of any proposed equipment if Broward County determines the proposed equipment does not have other adequate industry certifications or otherwise may pose a hazard to the public and/or represent a potential point of failure.
9. Lane closures required for the installation of the LES System must be included as part of a maintenance of traffic (MOT) plan submitted to and approved by Broward County. The allowable timeframe of lane closures shall be determined by Broward County at time of MOT plan submission and approval.
10. All aspects of the LES System installation shall comply with all applicable provisions of Chapter 556, Florida Statutes (Underground Facility Damage Prevention and Safety Act). The City shall be responsible for Chapter 556 compliance, including but not limited to, responding to Sunshine One-Call of Florida locate requests for location of the underground infrastructure associated with the LES System.

LES System Isolation and Segregation from Signalization Equipment

1. It is the intent of these specifications to require that all LES systems operate in isolation and independently from all other traffic control devices and Signalization Equipment operated and maintained by Broward County.
2. All video equipment, detection equipment, electronic data transmission, communications infrastructure, power service and all other components of the LES System shall be constructed, installed, owned, operated, and maintained by the City. No LES System equipment will be operated or maintained by Broward County, nor shall there be any expectation that Broward County staff will operate, maintain, or repair any aspect of such systems.
3. The LES System shall be independently powered via an exclusive Florida Power & Light (FP&L) service point connection, separate from the traffic signal service point connection, and shall be serviced through an independent electrical circuit served by its own power service disconnect (circuit breaker) located on an independent stub pole. The service point connection and service disconnect stub-pole assembly shall be in accordance with FDOT Standard Index 17736 and may either be metered or non-metered (formula based) per FP&L requirements. However, in certain circumstances where an excessive hardship is demonstrated, consideration may be given to allow the LES equipment to share the use of an existing FP&L power service point that is already used to supply power to the Signalization Equipment. Such consideration would be contingent upon the LES equipment power circuit (load side) being completely separated from the traffic signal circuit via a separate power service disconnect (breaker box) such that at outage of the LES equipment circuit (e.g., open breaker) does not affect the traffic signal circuit. Approval of a shared FP&L service point shall be granted solely at the discretion of Broward County's Contract Administrator, and subject to further connection approval by FP&L. Broward County's approval of such a connection configuration does not guarantee approval concurrence by FP&L.
4. LES system cabling will not be permitted to occupy any underground conduits owned or maintained by Broward County, or those owned by FDOT that are maintained by Broward County through its signal maintenance agreement with FDOT District Four. Any conduits owned by FDOT on the State Highway System that have been determined to be "surplus" or "abandoned" by FDOT, and no longer serve as spare conduit maintained by Broward County, may be occupied by LES equipment if written notification of such approval is provided to Broward County by FDOT.
5. All self-standing LES equipment shall be designed and installed within an independent, non-intrusive system, separate from direct comingling with the Signalization Equipment. This independent system shall comprise of a separately installed communications and power service infrastructure that is physically separated from and operated exclusively from Signalization Equipment. LES system equipment or wiring shall not be allowed within the traffic signal controller cabinet or associated signal communications cabinet. All LES equipment shall be located as to not obstruct any roadway sight triangles or visibility of traffic control devices. Any proposed LES posts or pedestals shall be located outside of the horizontal clear zones from travel lanes and outside roadside clear recovery areas.
6. LES system projects that propose passive (non-intrusive) attachment of LES cameras, detectors, and other equipment to signal supports shall be installed in a manner that will not interfere with the safe operation and efficient maintenance of the Signalization Equipment as determined by the Broward

County. Such passive installations shall not violate any provision of the federal Manual on Uniform Traffic Control Devices (MUTCD) or any applicable federal, state, and local laws and regulations. Such attachments shall also not obscure signal indications or traffic control signs or represent a visual distraction to the motoring public. The passive attachment of LES equipment to signal supports may require a structural analysis by a registered professional engineer to determine if the existing system supports will meet applicable wind loading and other structural criteria with the addition of the LES equipment. The acceptability of any passive system to be attached to Broward County-maintained infrastructure shall be at the sole discretion of the Broward County's Contract Administrator or designee.

11/15/21

Exhibit D to RLA - LES System_v7-Final-2021-1115