RESOLUTION NO. 16-241

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, APPROVING THE ATTACHED "AMENDMENT TO THE TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT," INCLUDING "ATTACHMENT 1 REVISED TERMS AND CONDITIONS FOR THE TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT" TO THE "STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT, CONTRACT ARU46"; PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, in Resolution 15-224, the City Commission approved the "State of Florida Department of Transportation Traffic Signal Maintenance and Compensation Agreement, Contract ARU46", and in Resolution No. 16-181, the City Commission approved Exhibit A to the Agreement; and

WHEREAS, the State of Florida Department of Transportation seeks to amend the terms of the Agreement, as set forth in the attached Amendment and its Attachment 1; and

WHEREAS, City staff recommends approval of the Amendment and Attachment 1; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, AS FOLLOWS:

Section 1: That the attached "Amendment to the "State of Florida Department of Transportation Traffic Signal Maintenance and Compensation Agreement", including "Attachment 1 Revised Terms and Conditions for the Traffic Signal Maintenance and Compensation Agreement" is hereby approved.

Section 2: That the City Manager is authorized to execute any necessary documents on behalf of the City of Key West, upon consent of the City Attorney.

Section 3: That this Resolution shall go into effect immediately upon its passage and adoption and authentication by the signature of the Presiding Officer and the Clerk of the Commission.

Passed and adopted by the City Commission at a meeting held this 16 day of August, 2016.

Authenticated by the Presiding Officer and Clerk of the Commission on 17 day of August, 2016.

Filed with the Clerk on August 17, 2016.

Mayor Craig Cates	Yes
Vice Mayor Clayton Lopez	Yes
Commissioner Sam Kaufman	Yes
Commissioner Richard Payne	Yes
Commissioner Margaret Romero	Yes
Commissioner Billy Wardlow	Absent
Commissioner Jimmy Weekley	Yes

CRAIG CATES, MAYOR

ATTEST:

CHERYL SMITH, CITY CLERK

THE CITY OF KEY WEST
Post Office Box 1409 Key West, FL 33041 (305) 809-3883

MEMORANDUM

TO: Jim Scholl, City Manager

FROM: Jim Bouquet, P.E., Director of Engineering

DATE: July 12, 2016

RE: Traffic Signal Maintenance and Compensation Agreement, Contract No. ARU46.

ACTION STATEMENT:

Amend the existing Florida Department of Transportation *Traffic Signal Maintenance and Compensation Agreement, Contract No. ARU46* in accordance with *Attachment 1 Revised Terms and Conditions for the Traffic Signal Maintenance and Compensation Agreement*. Authorize the City Manager to execute the *Amendment to the Traffic Signal Maintenance and Compensation Agreement* and Attachment 1.

BACKGROUND:

The City of Key West entered into the *Traffic Signal Maintenance and Compensation Agreement, Contract No. ARU46* with the Florida Department of Transportation (FDOT) dated August 24, 2015 under City Commission Resolution 15-224. Exhibit A to this agreement was subsequently amended under Resolution 16-181.

FDOT has revised the current agreement as *Attachment 1 Revised Terms and Conditions for the Traffic Signal Maintenance and Compensation Agreement*. Changes from the current agreement include:

- Added Department of Financial Services/FDOT Comptroller standard payment terms to ensure invoices are paid and the agreements will stand up to a financial review.
- Simplified language for penalties and retainage.
- Changed responsibility for pursuing 3rd party damage insurance from Maintaining Agency to FDOT.
- Added requirement for the Maintaining Agency to provide an annual report of its traffic signal maintenance log.
- Added Force Majeure clause to remove liability from both the Maintaining Agency and the FDOT in the event of an Act of God, etc.

- Changed responsibility for periodic mast arm maintenance from Maintaining Agency to FDOT.
- Increased requirement for record retention from 3 to 5 years to comply with Florida's public record rule.
- Increased time to repair critical detectors to 90 days (previous agreement was 60 days).
- Decreased inspections to 50% of signals every year (previous agreement was 100% per year).
- Added requirement to allow FDOT access to traffic signal data.
- Deleted checklist in Exhibit C.
- Added new Exhibit C with form for reimbursement for 3rd party damage.

PURPOSE AND JUSTIFICATION:

Approval of this amendment to the *Traffic Signal Maintenance and Compensation Agreement* is a specific example of collaboration among community partners (government agencies) to address specific concerns for the benefit of the community (Government Goal #3). Furthermore, this agreement supports and nurtures an existing source of income for the City (Economy Goal #1).

FINANCIAL ISSUES

FDOT will compensate the City for services provided under the Agreement. The **estimated** annual compensation currently due the City is **$56,201.**

RECOMMENDATION

Staff recommends accepting *Attachment 1 Revised Terms and Conditions for the Traffic Signal Maintenance and Compensation Agreement* and authorizing the City Manager to execute the *Amendment to the Traffic Signal Maintenance and Compensation Agreement* and Attachment 1.

ATTACHMENT 1
REVISED TERMS AND CONDITIONS FOR THE TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT

CONTRACT NO. ARU46
FINANCIAL PROJECT NO. 405576-1-88-01
F.E.I.D. NO. _____

The following terms and conditions replace and supersede all the existing terms and conditions contained within the Traffic Signal and Maintenance Agreement:

A. The Department is authorized under Section 335.055, Florida Statutes, to enter into this Agreement.

B. The Maintaining Agency is authorized under RESOLUTION to enter into this Agreement and has authorized its undersigned representative to enter into and execute this Agreement on behalf of the Maintaining Agency.

NOW, THEREFORE, in consideration of the mutual covenants contained in the Agreement, the sufficiency of which is acknowledged, the parties mutually agree and covenant as follows:

1. The term "Traffic Signals and Devices" is defined as follows: all traffic signals, interconnected and monitored traffic signals ("IMTS") (defined as signals that are interconnected with telecommunications and are monitored at a central location), traffic signal systems (defined as central computer, cameras, message signs, communications devices, interconnect / network, vehicle, bicycle & pedestrian detection devices, traffic signal hardware and software, preemption devices, and uninterruptible power supplies ("UPS")), control devices (defined as intersection control beacons, traffic warning beacons, illuminated street name signs, pedestrian flashing beacons (i.e., school zone flashing beacons, pedestrian crossing beacons, and Rectangular Rapid Flashing Beacons)), blank-out signs, travel time detectors, emergency/fire department signals, speed activated warning displays, and other types of traffic signals and devices specifically identified within Exhibit A, which are located on the State Highway System within the jurisdictional boundaries of the Maintaining Agency.

   The Maintaining Agency shall be responsible for the maintenance and continuous operation of Traffic Signals and Devices ("Project"). The Maintaining Agency shall be responsible for the payment of electricity and electrical charges incurred in connection with operation of Traffic Signals and Devices upon completion of installation of each of the Traffic Signals and Devices.

2. The Department agrees to pay the Maintaining Agency an annual compensation amount based on the Department's fiscal year. The compensation amount consists of the cost of the maintenance and continuous operation of the Traffic Signals and Devices as identified in Exhibit A, which is attached and incorporated into this Agreement. Compensation will also be made for costs incurred for the repair and/or replacement of damaged Traffic Signals and Devices as identified in Exhibit C, attached and incorporated into this Agreement. Payments by the Department will be made in accordance with Exhibit B. In the case of construction contracts, the Maintaining Agency shall be responsible for the payment of electricity and electrical charges incurred in connection with the operation of the Traffic Signals and Devices, and shall undertake the maintenance and continuous operation of these Traffic Signals and Devices upon final acceptance of the installation by the Department. Prior to any final acceptance of the installation by the Department, the Maintaining Agency will have the opportunity to inspect and request modifications or corrections to the installation(s) and the Department agrees to undertake those modifications or corrections prior to final acceptance so long as the modifications or corrections comply with the Agreement, signal plans, and specifications previously approved by both the Department and Maintaining Agency. Repair or replacement and other responsibilities of the installation contractor and the Department, during construction, are contained in the Department's Standard Specifications for Road and Bridge Construction.

3. If Traffic Signals and Devices are damaged and the Maintaining Agency did not cause the damages, then the Department shall reimburse the Maintaining Agency for the actual costs incurred by the Maintaining Agency for repairs and/or replacement of Traffic Signals and Devices, once the following occurs:

   a. The Department has approved a properly completed invoice for reimbursement that was provided to the Department outlining the details of the requested reimbursements; and
   b. Evidence of the costs incurred were included as an attachment to the invoice.

   Exhibit C sets forth additional conditions that apply when the Maintaining Agency seeks to obtain reimbursement for costs incurred for repair and/or replacement of damaged Traffic Signals and Devices. Exhibit C also serves as a form invoice that can be used by the Maintaining Agency. The Maintaining Agency shall obtain written approval from the Department regarding the appropriate method of repair and/or replacement of damaged Traffic Signals and Devices prior to performing repair and/or replacement work. If there is an immediate risk to public safety due to damaged Traffic Signals and Devices and the Maintaining Agency is unable to immediately obtain the Department's written approval regarding the method of repair and/or replacement, then the Maintaining Agency shall immediately repair and/or replace the Traffic Signals and Devices. The Maintaining Agency shall notify the Department within thirty (30) calendar days of becoming aware of any damage to Traffic Signals and Devices caused by third parties. The Department shall be responsible for pursuing reimbursement from individuals and/or the third parties

who cause damages and are liable for replacement and/or repair costs to Traffic Signals and Devices. If the Maintaining Agency causes damages to the Traffic Signals and Devices, then the Maintaining Agency shall repair and/or replace the Traffic Signals and Devices, and the Maintaining Agency shall be fully responsible for the cost of repair and/or replacement to the extent the damages were caused by the Maintaining Agency.

4. The Maintaining Agency shall maintain and operate the Traffic Signals and Devices in a manner that will ensure safe and efficient movement of highway traffic and that is consistent with maintenance practices prescribed by the International Municipal Signal Association (IMSA) and operational requirements of the Manual on Uniform Traffic Control Devices (MUTCD), as amended.

5. The Maintaining Agency's maintenance responsibilities include, but are not limited to, locates, preventive maintenance (periodic inspection, service, and routine repairs), restoration of services, and emergency maintenance (troubleshooting in the event of equipment malfunction, failure, or damage). Restoration of services may include temporary poles and/or signals, stop signs or other methods to maintain traffic. The Maintaining Agency shall record its maintenance activities in a traffic signal maintenance log, as they occur, and include this as part of the annual report, highlighting the time it took to restore the normal service and number of times such events occurred.

6. Neither the Maintaining Agency nor the Department shall be liable to the other for any failure to perform under this Agreement to the extent such performance is prevented by a Force Majeure Event and provided that the party claiming the excuse from performance has (a) promptly notified the other party of the occurrence and its estimated duration, (b) promptly remedied or mitigated the effect of the occurrence to the extent possible, and (c) resumed performance as soon as possible.

   A "Force Majeure Event" means the occurrence of:
   (a) an act of war, hostilities, invasion, act of foreign enemies, riot, terrorism or civil disorder;
   (b) act of God (such as, but not limited to, fires, explosions, earthquakes, drought, hurricanes, storms, lightning, tornados, tidal waves, floods, extreme weather or environmental conditions, and other natural calamities);
   (c) or another event beyond the control of the non-performing party and which could not have been avoided or overcome by the exercise of due diligence.

7. The Department intends to conduct a structural inspection of the mast arm structures every sixty (60) months. The inspection report will serve as ninety (90) days notification to the Maintaining Agency that deficiencies exist that require preventive maintenance. Preventive maintenance of the mast arm structures includes, but is not limited to, spot painting, cleaning, all wiring repair and replacement, graffiti removal, all signal related issues (including lighting, signs and connections), tightening of nuts, replacing missing or deficient bolts, replacement of missing cap covers or equivalent, replacement of missing or deficient access hole cover plates, repairing improper grounding, and repainting any painted mast arms installed after April 30, 2015. If the preventive maintenance is not carried out after the expiration of the 90-day notice given to the Maintaining Agency, the Department shall withhold 8.33% up to a maximum of 25% of the total annual compensation amount under this Agreement for the affected signal locations each month.

8. Any and all work performed by the Maintaining Agency must conform to the current Department Standard Specifications for Road and Bridge Construction as applicable. Mast arms that the Department determines to be at the end of their useful life cycle will be replaced by the Department so long as documented preventive maintenance was satisfactorily performed by the Maintaining Agency. In the case of a total paint failure, as determined by the Department, on a mast arm installed prior to April 30, 2015, the Department may repaint or replace with a galvanized mast arm. The aforementioned requirement does not apply to any mast arm that was installed under a separate mast arm paint finish agreement; in such case, the terms of that agreement shall govern.

9. The Maintaining Agency may remove any component of the installed equipment for repair or testing; however, it shall only make permanent modifications or equipment replacements and only if the equipment provided is capable of performing at minimum the same functions as the equipment being replaced. The Department shall not make any modifications or equipment replacements without prior written notice to and consultation with the Maintaining Agency.

10. The Maintaining Agency shall implement and maintain the timing and phasing of the traffic signals in accordance with the Department's timing and phasing plans, specifications, special provisions, Department re-timing projects, and the Department's Traffic Engineering Manual. The Maintaining Agency shall obtain prior written approval from the Department for any modification in phasing of signals and flash times (where applicable). Signal Systems timings (cycle length, split, offsets) are considered operational changes and may be changed by the Maintaining Agency to accommodate changing needs of traffic. The Maintaining Agency may make changes in the signal timing provided these changes are made under the direction of a qualified Professional Engineer registered in the State of Florida. The Maintaining Agency shall make available a copy of the timings to the Department upon request. The Department reserves the right to examine equipment, timing and phasing at any time and, after consultation with the Maintaining Agency, may specify modifications. If the Department specifies modification in timing or phasing, implementation of such modifications will be coordinated with, or made by, the Maintaining Agency. All signal timing and phasing records shall be retained by the Maintaining Agency for at least three (3) years, and will be made available to the Department upon request.

ATTACHMENT 1
REVISED TERMS AND CONDITIONS FOR THE TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT

11. The Maintaining Agency shall note in the maintenance log any changes in timings and phasings, and keep a copy of the timings and phasings, and any approval documentation in a file. A copy of the log shall be provided to the Department upon request. Maintaining Agencies may provide this information electronically.

12. The Maintaining Agency and the Department shall update Exhibit A on an annual basis through an amendment of this Agreement. The Maintaining Agency designates City Manager as its authorized representative(s), who is delegated the authority to execute any and all amendments to Exhibit A of this Agreement on behalf of the Maintaining Agency. Exhibit A contains a list of Traffic Signals and Devices that identifies their location and type. No changes or modifications may be made to Exhibit A during the Department's fiscal year for compensation. Traffic Signals and Devices added by the Department during its fiscal year must be maintained and operated by the Maintaining Agency upon the Department's final acceptance of installation of the new Traffic Signals and Devices. The Maintaining Agency and the Department shall amend Exhibit A prior to the start of each new fiscal year of the Department to reflect the addition or removal of Traffic Signals and Devices. The Maintaining Agency will begin receiving compensation for new Traffic Signals and Devices that were added to Exhibit A by amendment of this Agreement in the Department's fiscal year occurring after the Traffic Signals and Devices are installed and final acceptance of such installation is given by the Department. In the event that no change has been made to the previous year's Exhibit A, a certification from the Maintaining Agency shall be provided to the Department certifying that no change has been made to Exhibit A in the Department's previous fiscal year. The annual compensation will be a lump sum payment (***minus any retainage or forfeiture***) as set forth in Exhibit B. Future payments will be based on the information provided in Exhibit A, in accordance with the provisions as set forth in Exhibit B, attached to and incorporated in this Agreement. Some of the Traffic Signals and Devices may not be listed in Exhibit A because the cost of operating and maintaining such devices is relatively small. The Department has factored in these costs and the compensation provided through this Agreement also covers the cost of operation and maintenance for Traffic Signals and Devices that are not listed in Exhibit A.

13. Payment will be made in accordance with Section 215.422, Florida Statutes.

14. There shall be no reimbursement for travel expenses under this Agreement.

15. Bills for fees or other compensation for services or expenses shall be submitted in detail sufficient for a proper pre-audit and post-audit thereof.

16. The Maintaining Agency should be aware of the following time frames. Inspection and approval of goods or services shall take no longer than twenty (20) working days. The Department has twenty (20) days to deliver a request for payment (voucher) to the Department of Financial Services. The twenty (20) days are measured from the latter of the date the invoice is received or the goods or services are received, inspected and approved.

17. If a payment is not available within forty (40) days, a separate interest penalty at a rate as established pursuant to Section 55.03(1), Florida Statutes, will be due and payable, in addition to the invoice amount, to the Maintaining Agency. Interest penalties of less than one (1) dollar will not be enforced unless the Maintaining Agency requests payment. Invoices returned to a Maintaining Agency because of Maintaining Agency preparation errors will result in a delay in the payment. The invoice payment requirements do not start until a properly completed invoice is provided to the Department.

18. A Vendor Ombudsman has been established within the Department of Financial Services. The duties of this individual include acting as an advocate for contractors or vendors who may be experiencing problems in obtaining timely payment(s) from a state agency. The Vendor Ombudsman may be contacted at (850) 413-5516.

19. Records of costs incurred under the terms of this Agreement shall be maintained and made available upon request to the Department at all times during the period of this Agreement and for five (5) years after final payment is made. Copies of these documents and records shall be furnished to the Department upon request. Records of costs incurred include the Maintaining Agency's general accounting records and the Project records, together with supporting documents and records, of the contractor and all subcontractors performing work on the Project, and all other records of the Contractor and subcontractors considered necessary by the Department for a proper audit of costs.

20. If, after Project completion, any claim is made by the Department resulting from an audit or for work or services performed pursuant to this Agreement, the Department may offset such amount from payments due for work or services done under any agreement which it has with the Maintaining Agency owing such amount if, upon demand, payment of the amount is not made within 60 days to the Department. Offsetting any amount pursuant to this paragraph shall not be considered a breach of contract by the Department.

21. The Maintaining Agency must submit the final invoice on the Project to the Department within 120 days after termination of the Agreement. Invoices submitted after the 120-day time period may not be paid.

22. In the event this contract is for services in excess of $25,000.00 and a term for a period of more than one (1) year, the provisions of Section 339.135(6)(a), F.S., are hereby incorporated:

"The Department, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The Department shall require a statement from the Comptroller of the Department that such funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding 1 year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the Department which are for an amount in excess of $25,000.00 and which have a term for a period of more than 1 year."

23. The Department's performance and obligation to pay under this Agreement is contingent upon an annual appropriation by the Legislature. If the Department's funding for this Project is in multiple fiscal years, funds approval from the Department's Comptroller must be received each fiscal year prior to costs being incurred. See Exhibit B for funding levels by fiscal year. Project costs utilizing these fiscal year funds are not eligible for reimbursement if incurred prior to funds approval being received. The Department will notify the Maintaining Agency, in writing, when funds are available.

24. In accordance with Section 287.134, Florida Statutes, an entity or affiliate who has been placed on the Discriminatory Vendor List may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity.

25. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

26. An entity or affiliate who has had its Certificate of Qualification suspended, revoked, denied or have further been determined by the Department to be a non-responsible contractor may not submit a bid or perform work for the construction or repair of a public building or public work on a contract with the Maintaining Agency.

27. The Department shall consider the employment by any contractor of unauthorized aliens a violation of Section 274A(e) of the Immigration and Nationality Act. If the contractor knowingly employs unauthorized aliens, such violation will be cause for unilateral cancellation of this Agreement.

28. No funds received pursuant to this Agreement may be expended for lobbying the Legislature, the judicial branch or a state agency.

29. The Maintaining Agency shall comply and require its contractors and subcontractors to comply with all terms and conditions of this Agreement and all federal, state, and local laws and regulations applicable to this Project.

30. The Maintaining Agency may be subject to inspections of Traffic Signals and Devices by the Department. Such findings will be shared with the Maintaining Agency and will be the basis of all decisions regarding payment reduction, reworking, Agreement termination, or renewal. If at any time the Maintaining Agency has not performed the maintenance responsibility on the locations specified in the Exhibit A, the Department has the option of (a) notifying the Maintaining Agency of the deficiency with a requirement that it be corrected within a specified time, otherwise the Department shall deduct payment, suspend funds, or terminate funds for any deficient maintenance of Traffic Signals and Devices that has not been corrected at the end of such time, or (b) take whatever action is deemed appropriate by the Department. Any deduction in payment, suspension of funds, or termination of funds does not relieve any obligation of the Maintaining Agency under the terms and conditions of this Agreement.

31. The Department shall monitor the performance of the Maintaining Agency in the fulfillment of its responsibilities under the Agreement. The Maintaining Agency shall submit an annual Report prior to June 30 of each year detailing the following:

    a. Critical Detection device malfunctions: Critical Detection devices include the detectors on side-streets and in left turn lanes on the main streets, and all pedestrian/bicycle detectors. Repairs to the side-street and main street left turn detectors shall be made within ninety (90) days and pedestrian detectors within seventy-two (72) hours of discovery. The Maintaining Agency shall ensure that 90% of all Critical Detection devices system wide are operating at all times. At any time the level drops below 90%, the Maintaining Agency shall notify the Department and correct the situation within a time frame determined in the sole discretion of the Department. Discovery and correction dates for Critical

ATTACHMENT 1
REVISED TERMS AND CONDITIONS FOR THE TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT

Detection device malfunction shall be logged into the annual report. If the repairs cannot be performed within stipulated times, the agency shall document the reason(s) why in the annual report. When the 90% Critical Detection device requirement is (are) not met, a 10% retainage of the total annual compensation amount (as shown in Exhibit B) for the affected Critical Detection device location(s) each month will be withheld after the 90-day period.

b. Traffic signal preventive maintenance inspections: Traffic signals shall receive a comprehensive preventive maintenance inspection on at least 50% of all traffic signals annually, alternating the remaining 50% the following year. Preventive maintenance inspection shall include verification that all detection is working, the traffic signal is cycling properly, the ventilation system is functioning and filters are clean. Basic traffic cabinet maintenance shall also verify power feed voltages, verify that the vehicle and pedestrian indications are functioning properly, test the effective functioning of pedestrian push buttons, and check hinges and door locks. At least one (1) conflict monitor test shall be performed on 50% of traffic signals annually, alternating the remaining 50% the following year. Each test is to be documented and included in the annual report to the Department. The inspection report shall note the location, date of inspection, and any items noted. If 50% of the traffic signals do not receive at least one (1) comprehensive preventive maintenance inspection during a twelve (12) month period, there shall be a 20% retainage of the annual compensation amount for the affected traffic signal locations until the preventive maintenance inspection is made. If not performed within the state's fiscal year, the 20% retainage of the annual compensation amount for the affected traffic signal locations will be forfeited.

c. For any traffic signals that are interconnected with telecommunications and their real-time operation is electronically monitored via software by personnel at a central location and are therefore receiving the higher compensation amount as described in Exhibit B, the name(s) and title(s) of those monitoring those intersections, and the location of the central monitoring facility(ies), are to be documented and contained in the annual report submitted to the Department.

32. The Maintaining Agency may enter into agreements with other parties pertaining to Traffic Signals and Devices including, but not limited to, agreements relating to costs and expenses incurred in connection with the operation of Traffic Signals and Devices on the State Highway System, provided that such Agreements are consistent with the mutual covenants contained in this Agreement. The Maintaining Agency shall furnish a copy of such agreements to the Department.

33. This Agreement may not be assigned or transferred by the Maintaining Agency in whole or in part without prior written consent of the Department.

34. The Maintaining Agency shall allow public access to all documents, papers, letters, or other material subject to provisions of Chapter 119, Florida Statutes, and made or received by the Maintaining Agency in conjunction with this Agreement. Failure by the Maintaining Agency to grant such public access will be grounds for immediate unilateral cancellation of this Agreement.

35. At no additional cost to the Department, the Maintaining Agency shall provide the Department access to all traffic signal data available from the firmware of the traffic signal controllers and other devices covered under this Agreement. The Maintaining Agency shall include the Department as a party to all traffic signal firmware/software related agreements that the Maintaining Agency enters into with other parties.

36. This Agreement is governed by and construed in accordance with the laws of the State of Florida. The invalidity or unenforceability of any portion of this Agreement does not affect the remaining provisions and portions hereof. Any failure to enforce or election on the part of the Department to not enforce any provision of this Agreement does not constitute a waiver of any rights of the Department to enforce its remedies hereunder or at law or in equity.

37. In no event shall the making by the Department of any payment to the Maintaining Agency constitute or be construed as a waiver by the Department of any breach of covenant or any default which may then exist on the part of the Maintaining Agency and the making of such payment by the Department, while any such breach or default shall exist, shall in no way impair or prejudice any right or remedy available to the Department with respect to such breach or default.

38. The term of this Agreement is twenty (20) years from the date of execution of the Agreement; provided that either party may cancel this Agreement prior to the expiration of the term of this Agreement. A minimum notice period of two (2) years plus the remaining months of the Department's fiscal year shall be provided to the other party in writing. Should the Maintaining Agency provide its written notice of cancellation to the Department, the notice shall be endorsed by the elected body (County Commission, City Council, or local agency governing body) under which the Agency operates.

39. Any Project funds made available by the Department which are determined by the Department to have been expended in violation of this Agreement or any other applicable law or regulation shall be promptly refunded in full to the Department. Acceptance by the Department of any documentation or certifications, mandatory or otherwise permitted, that the Maintaining Agency files shall not constitute a waiver of the Department's rights and Department has the right to verify all information at a

later date by audit or investigation. Within thirty (30) days of the termination of this Agreement, the Maintaining Agency shall refund to the Department any balance of unobligated funds which were advanced or paid to the Maintaining Agency. In the event the Maintaining Agency fails to perform or honor the requirements and provisions this Agreement, the Maintaining Agency shall return funds in accordance with this paragraph within thirty (30) days of termination of the Agreement.

40. Upon execution, this Agreement cancels and supersedes any and all prior Traffic Signal Maintenance Agreement(s) between the parties, except any specific separate Agreements covering painted mast arm maintenance or any other aspect related to the painting of mast arms.

41. The Department reserves the right to remove select critical corridors or critical intersections from the Maintaining Agency's obligation under this Agreement. The remaining intersections and corridors would continue to be covered under this Agreement. The Department will provide a minimum of one year notice prior to take-over of maintenance of critical corridors or critical intersections.

42. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which shall constitute the same Agreement. A facsimile or electronic transmission of this Agreement with a signature on behalf of a party will be legal and binding on such party.

43. The Department agrees that the Maintaining Agency must comply with State law regarding appropriations and budgets. This Agreement shall not be interpreted to conflict with State law applicable to the Maintaining Agency.

44. The Maintaining Agency shall:
    a. utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Maintaining Agency during the term of the Agreement; and
    b. expressly require any contractors and subcontractors performing work or providing services pursuant to the Agreement to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Agreement term.

45. Unless authorized by law and agreed to in writing by the Department, the Department will not be liable to pay attorney fees, interest, or cost of collection.

46. The Parties agree to comply with s.20.055(5), Florida Statutes, and to incorporate in all subcontracts the obligation to comply with s.20.055(5), Florida Statutes.

47. Exhibits A, B, and C are attached and incorporated into this Agreement.

48. This Agreement contains all the terms and conditions agreed upon by the parties.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

AMENDMENT TO THE TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT

CONTRACT NO. ARU46
FINANCIAL PROJECT NO. 405576-1-88-01
F.E.I.D. NO.
AMENDMENT NO. 1

THIS AMENDMENT TO THE TRAFFIC SIGNAL AND MAINTENANCE AGREEMENT ("Amendment") is made and entered into on this [enter date] day of [enter month] [enter year], by and between the STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION ("Department"), an agency of the State of Florida, and (enter name of Maintaining Agency), ("Maintaining Agency").

RECITALS

WHEREAS, the Department and the Maintaining Agency on [enter date] entered into a Traffic Signal Maintenance and Compensation Agreement ("Agreement").

WHEREAS, the Parties have agreed to modify the Agreement on the terms and conditions set forth herein.

NOW THEREFORE, in consideration of the mutual covenants in this Amendment, the Agreement is amended as follows:

All the terms and conditions of the Agreement are superseded and replaced in their entirety by the terms and conditions contained in Attachment "1", Revised Terms and Conditions for the Traffic Signal Maintenance and Compensation Agreement, attached to and incorporated into this Amendment.

IN WITNESS WHEREOF, the undersigned parties have executed this Amendment on the day, month and year set forth above.

City of Key West, Florida
(Maintaining Agency)

By JKScholl
(Authorized Signature)

Print/Type Name: James Scholl

Title: City Manager

Attorney: Date: 17 Aug 2016

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

By
(Authorized Signature)

Print/Type Name:

Title:

Legal Review:

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

ATTACHMENT 1

REVISED TERMS AND CONDITIONS FOR THE TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT

Reimbursement for Maintenance and Operation

EXHIBIT A

Compensation for Maintaining Traffic Signals and Devices for FY 2016-2017

Effective Date: July 1, 2016 To: June 30, 2017

Intersection Location	Traffic Signals (TS)	Traffic Signal Interconnected & Monitored (IMTS)	Intersection Control Beacon (ICB)	Pedestrian Flashing Beacon (PFB)	Emergency Fire Dept. Signal (FDS)	Speed Activated Warning Displays (SAWD) or Blank Out Sign (BOS)	Traffic Warning Beacon (TWB)	Travel Time Detector	Uninterruptlible Power Supplies (UPS)	Compensation Amount (using Unit Rates from Exhibit B)
(US-1) Whitehead St. at Fleming St.	1									$ 3,131
(US-1) Whitehead St. at Southard St.	1									$ 3,131
(US-1) Whitehead St. at Truman Ave.	1									$ 3,131
(US-1) Truman Ave. at Duval St.	1									$ 3,131
(US-1) Truman Ave. at Simonton St.	1									$ 3,131
(US-1) Truman Ave. at Windsor Lane	1									$ 3,131
(US-1) Truman Ave. at White St.	1									$ 3,131
(US-1) Truman Ave. at Florida St.	1									$ 3,131
(US-1) Truman Ave. at Eisenhower Drive and Jose Marti Drive	1									$ 3,131
(US-1) N. Roosevelt Blvd. at Fire Station Emergency Fire Department Signal (FDS)					1					$ 1,096
(US-1) N. Roosevelt Blvd. at Palm Ave.	1									$ 3,131
(US-1) N. Roosevelt Blvd. at MacMillan St./5th St.	1									$ 3,131
(US-1) N. Roosevelt Blvd. at Overseas Market	1									$ 3,131
(US-1) N. Roosevelt Blvd. at Kennedy Drive	1									$ 3,131
(US-1) N. Roosevelt Blvd. at Searstown	1									$ 3,131
(US-1) N. Roosevelt Blvd. at S. Roosevelt Blvd. (the "Triangle")	1									$ 3,131
(US-1) US-1/Overseas Hwy. at College Rd.	1									$ 3,131
(US-A1A) S. Roosevelt Blvd. at Flagler Avenue	1									$ 3,131
(US-1) N. Roosevelt Blvd. at the Former Radisson (3820 NRB)				1						$ 626
(US-1) N. Roosevelt Blvd. at Key Plaza (2900 NRB)				1						$ 626
(US-1) N. Roosevelt Blvd. at 3rd St. (2000 NRB)				1						$ 626
									Total Lump Sum Amount*	$ 56,201

* Amount paid shall be the Total Lump Sum minus any retainage or forfeiture.

I certify that the above traffic signals will be maintained and operated in accordance with the requirements of the Traffic Signal Maintenance and Compensation Agreement. For satisfactory completion of all services detailed in this Agreement for this time period, the Department will pay the Maintaining Agency a Total Lump Sum (minus any retainage or forfeiture) of **$56,201.00**.

JKSchall 19 AUG 2016

Maintaining Agency- City of Key West *Date* *Date*

ATTACHMENT 1
REVISED TERMS AND CONDITIONS FOR THE TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT

EXHIBIT B
TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT

1.0 PURPOSE

This exhibit defines the method and limits of compensation to be made to the Maintaining Agency for the services described in this Agreement and in Exhibit A and method by which payments will be made.

2.0 COMPENSATION FOR MAINTENANCE AND OPERATION

For the satisfactory completion of all services related to maintenance and operation detailed in this Agreement and Exhibit A of this Agreement, the Department will pay the Maintaining Agency the Total Lump Sum (***minus any retainage or forfeiture***) in Exhibit A. The Maintaining Agency will receive one lump sum payment (***minus any retainage or forfeiture***) at the end of each fiscal year for satisfactory completion of service.

Beginning in the fiscal year 2016-17, for traffic signals that are not interconnected with telecommunications and are not monitored at a central location, the compensation amount shall be $3,131. The compensation amount for traffic signals that are interconnected with telecommunications and are monitored at a central location shall be $4,500 per signal location. These differential compensation amounts shall be in effect beginning July 1, 2016. The Table below shows the compensation amount for the various devices for fiscal years 2015-16 and 2016-17, and beyond.

Total Lump Sum (***minus any retainage or forfeiture***) Amount for each fiscal year is calculated by adding all of the individual intersection amounts.
Pedestrian Flashing Beacon: includes school zone beacons, pedestrian crossing beacons, and rectangular rapid flashing beacons (RRFB). School zones, crosswalks and warning sign locations shall be paid at a unit rate regardless of the number of individual beacons or poles.

Unit Compensation Rates per Intersection on the State Highway System

FY	Traffic Signals (TS)	Traffic Signal - Interconnected & monitored (IMTS)	Intersection Control Beacon (ICB)	Pedestrian Flashing Beacon (PFB)	Emergency Fire Dept. Signal (FDS)	Speed Activated Warning Display (SAWD) or Blank Out Sign (BOS)	Traffic Warning Beacon (TWB)	Travel Time Detector	Uninterruptible Power Supplies (UPS)
2014-15*	$ 2,951		$738	$295	$738	$148	$148		
2015-16	3,040		760	608	1,064	304	304		
2016-17	3,131	4,500	783	626	1,096	313	313	100	100
2017-18	Based on the Consumer Price Index (CPI), the 2016-17 compensation amounts will be revised upwards.								
2018-19	Based on the CPI, the 2017-18 compensation amounts will be revised upwards.								
2019-20	Based on the CPI, the 2018-19 compensation amounts will be revised upwards.								

*Compensation pro-rata based on intersection approaches or legs on State Highway System.

Based on the Consumer Price Index (CPI), the Unit Rate for the following fiscal year will be adjusted accordingly, unless otherwise specified in an amendment to this Agreement. However, if CPI is negative, there shall be no reduction from the previous year's compensation.

3.0 COMPENSATION FOR REPAIR AND/OR REPLACEMENT OF DAMAGED TRAFFIC SIGNALS AND DEVICES

For the satisfactory completion of all services related to repair and/or replacement of damaged Traffic Signals and Devices detailed in this Agreement, the Department will pay the Maintaining Agency a Lump Sum amount of the actual costs incurred for the replacement and/or repair of the damaged Traffic Signals and Devices as set forth in the invoice submitted to the Department. The invoice for the costs incurred for the replacement and/or repair of

damaged Traffic Signals and Devices shall contain the information required in Exhibit C and any other additional information requested by the Department to justify the costs incurred. The reimbursement amount is subject to approval by the Department.

4.0 PAYMENT PROCESSING

For regular maintenance costs, the Maintaining Agency shall invoice the Department in a format acceptable to the Department, on an annual basis for the reimbursement costs incurred by the Maintaining Agency for the previous year prior to June 30th of each year. For example, the Maintaining Agency shall submit its invoice for the previous year beginning July 1, 2015 through June 30, 2016 no later than June 30, 2016.

For costs incurred for repair and/or replacement of damaged Traffic Signals and Devices, applicable reimbursements will be processed after the Department receives a properly completed and supported invoice from the Maintaining Agency. The Maintaining Agency shall submit invoices for repair and/or replacement costs due to damaged Traffic Signals and Devices at least on an annual basis but the Maintaining Agency may also submit such invoices to the Department on a quarterly basis.

ATTACHMENT 1
REVISED TERMS AND CONDITIONS FOR THE TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT

EXHIBIT C
Reimbursement for Replacement and/or Repair of Damaged Traffic Signals and Devices

The Department will reimburse the Maintaining Agency a Lump Sum amount for costs incurred for the replacement and/or repair of Traffic Signals and Devices damaged as a result of third parties or as a result of other causes that were not caused by the Maintaining Agency.

The Maintaining Agency is not required to provide a police report in situations where damage is caused to Traffic Signals and Devices by a Force Majeure Event or as a result of other causes beyond the control of the Maintaining Agency that do not necessarily prevent performance, which includes but is not limited to: storms, winds, lightning, flooding and other natural and weather related causes. The Maintaining Agency must provide a police report in all situations where a traffic accident, theft, or vandalism causes damage to Traffic Signals and Devices to the extent the Maintaining Agency has the ability and opportunity to obtain a police report.
Applicable reimbursements will be processed after the Department receives a properly completed and supported invoice from the Maintaining Agency. The following information shall be provided by the Maintaining Agency to be eligible for the reimbursement payment:

Date and Time of Accident/Incident:	
Location of Accident/Incident:	
Provide Police Report (if applicable) and the Following Information: 1. Attach pictures of damaged traffic signals and devices. 2. Attach invoices or receipt of equipment purchased to replace damaged components. 3. Attach detailed documentation of labor costs associated with replacing and/or repairing damaged components, including dates of performance and completion of the work.	
Contract No.:_____ Project No.:_____	
Total Lump Sum Reimbursement Amount	**$**

The Maintaining Agency hereby certifies that it has replaced and repaired all the Traffic Signals and Devices at the location or signalized intersection referenced above. Henceforth, this document is the Maintaining Agency's request for reimbursement to the Department for the services of restoring the Traffic Signals and Devices to their original operating condition.

The Parties agree to the Total Lump Sum Reimbursement Amount set forth above.

_____
Maintaining Agency Date

_____
District Traffic Operations Engineer Date

RESOLUTION NO. 15-224

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, APPROVING THE ATTACHED "STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT, CONTRACT NO. ARU46"; PROVIDING FOR AN EFFECTIVE DATE

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, AS FOLLOWS:

Section 1: That the attached "State of Florida Department of Transportation Traffic Signal Maintenance and Compensation Agreement, Contract ARU46" is hereby approved.

Section 2: That the City Manager is authorized to execute the Agreement on behalf of the City of Key West, upon consent of the City Attorney.

Section 3: That this Resolution shall go into effect immediately upon its passage and adoption and authentication by the signature of the Presiding Officer and the Clerk of the Commission.

Passed and adopted by the City Commission at a meeting held this 7th day of July, 2015.

Authenticated by the Presiding Officer and Clerk of the Commission on 8th day of July, 2015.

Filed with the Clerk on July 8, 2015.

Mayor Craig Cates	Absent
Vice Mayor Mark Rossi	Yes
Commissioner Teri Johnston	Yes
Commissioner Clayton Lopez	Yes
Commissioner Billy Wardlow	Yes
Commissioner Jimmy Weekley	Yes
Commissioner Tony Yaniz	Yes

MARK ROSSI, VICE MAYOR

ATTEST:

CHERYL SMITH, CITY CLERK

THE CITY OF KEY WEST
Post Office Box 1409 Key West, FL 33041 (305) 809-3883

MEMORANDUM

TO: Jim Scholl, City Manager

FROM: Jim Bouquet, P.E., Director of Engineering

DATE: June 2, 2015

RE: Traffic Signal Maintenance and Compensation Agreement, Contract No. ARU46.

ACTION STATEMENT:

The City of Key West agrees to maintain traffic signals, beacons, controls, and mast arms in accordance with a Florida Department of Transportation (FDOT) *Traffic Signal Maintenance and Compensation Agreement, Contract No. ARU46.* Authorize the City Manager to execute the agreement.

BACKGROUND:

The City of Key West has a standing Maintenance and Compensation Agreement with the FDOT, Contract No. A-Q764, executed May 6, 2011, under which the City maintains FDOT traffic signals and receives annual payment for this service. FDOT has requested that the City enter into a new Maintenance and Compensation agreement to replace the current agreement. The new agreement provides the following benefits to the City over the current agreement:

1. The new agreement includes an 'opt-out' clause allowing the City, for any reason, to terminate the agreement at the close of the FDOT's fiscal year with a minimum of two years notice. The current agreement has no provision for termination by the City.

2. The new agreement provides a higher rate of compensation.

3. Under the new agreement, the FDOT agrees to compensate the City for emergency repair and replacement costs if the City is unable to recover those costs from the responsible party(s) within 180 days.

PURPOSE AND JUSTIFICATION:

Approval of the *Traffic Signal Maintenance and Compensation Agreement* is a specific example of collaboration among community partners (government agencies) to address specific concerns for the benefit of the community (Government Goal #3). Furthermore, this agreement supports and nurtures an existing source of income for the City (Economy Goal #1).

FINANCIAL ISSUES

FDOT will compensate the City for services provided under the Agreement. The **estimated** annual compensation due the City based on the schedule of currently installed signals is:

2015-2016 **$48,640**
2016-2017 **$50,095**
Subsequent years' compensation shall be increased based on the Consumer Price index (CPI).

The City currently has an agreement with KEYS Energy Services, Inc. (KEYS) for maintenance and periodic inspection of traffic signals. The KEYS agreement is consistent with the new FDOT *Traffic Signal Maintenance and Compensation Agreement.* The average cost to the City for these services has historically been well below the scheduled FDOT compensation. Compensation and KEYS maintenance costs are managed under City project EN1304.

RECOMMENDATION

Staff recommends The City of Key West agree to maintain traffic signals in accordance with the Florida Department of Transportation *Traffic Signal Maintenance and Compensation Agreement, Contract No. ARU46.* Staff recommends the City Manager be authorized to execute the agreement.

RESOLUTION NO. 16-181

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, APPROVING THE ATTACHED "EXHIBIT A" (2016-17) TO THE "STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT, CONTRACT ARU46"; PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, in Resolution 15-224, the City Commission approved the "State of Florida Department of Transportation Traffic Signal Maintenance and Compensation Agreement, Contract ARU46"; and

WHEREAS, Section 10 of the Agreement requires an annual update to Exhibit A of the Agreement; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF KEY WEST, FLORIDA, AS FOLLOWS:

Section 1: That the attached Exhibit A (2016-17) to the "State of Florida Department of Transportation Traffic Signal Maintenance and Compensation Agreement, Contract ARU46" is hereby approved.

Section 2: That the City Manager is authorized to execute any necessary documents on behalf of the City of Key West, upon consent of the City Attorney.

Section 3: That this Resolution shall go into effect immediately upon its passage and adoption and authentication by the signature of the Presiding Officer and the Clerk of the Commission.

Passed and adopted by the City Commission at a meeting held this 7th day of June, 2016.

Authenticated by the Presiding Officer and Clerk of the Commission on 8th day of June, 2016.

Filed with the Clerk on June 8, 2016.

Mayor Craig Cates	Yes
Vice Mayor Clayton Lopez	Yes
Commissioner Sam Kaufman	Yes
Commissioner Richard Payne	Yes
Commissioner Margaret Romero	Yes
Commissioner Billy Wardlow	Yes
Commissioner Jimmy Weekley	Yes

CRAIG CATES, MAYOR

ATTEST:

CHERYL SMITH, CITY CLERK

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT

CONTRACT NO. ARU46
FINANCIAL PROJECT NO. 405576-1-88-01
F.E.I.D. NO. _____

THIS TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT ("Agreement"), is entered into this 24th day of August 2015 between the Florida Department of Transportation, an agency of the State of Florida, hereinafter called the "Department", and CITY OF KEY WEST, Florida, 3140 Flagler Ave, Key West, Florida 33040 ("Maintaining Agency").

WITNESSETH:

A. The Department is authorized under Section 335.055, Florida Statutes, to enter into this Agreement.

B. The Maintaining Agency is authorized under Resolution 15-224 to enter into this Agreement and has authorized its undersigned representative to enter into and execute this Agreement on behalf of the Maintaining Agency.

NOW, THEREFORE, in consideration of the mutual covenants contained in the Agreement, the sufficiency of which is acknowledged, the parties mutually agree and covenant as follows:

1. The Maintaining Agency shall be responsible for the maintenance and continuous operation of the traffic signals, interconnected and monitored traffic signals (IMTS) (defined as signals that are interconnected with telecommunications and are monitored at a central location), traffic signal systems (defined as central computer, cameras, message signs, communications devices, interconnect / network, vehicle, bicycle & pedestrian detection devices, traffic signal hardware and software, preemption devices, and uninterruptible power supplies ("UPS")), control devices (defined as intersection control beacons, traffic warning beacons, illuminated street name signs, pedestrian flashing beacons (i.e., school zone flashing beacons, pedestrian crossing beacons, and Rectangular Rapid Flashing Beacons)), and emergency/fire department signals and speed activated warning displays. The Maintaining Agency shall be responsible for the payment of electricity and electrical charges incurred in connection with operation of such traffic signals and signal systems and devices upon completion of installation of each signal or device. All traffic signals and control devices mentioned in this paragraph are referred to in this Agreement as "Traffic Signals and Devices".

2. The Department agrees to pay the Maintaining Agency an annual compensation amount based on the Department's fiscal year. The compensation amount consists of the cost of the maintenance and continuous operation of the Traffic Signals and Devices as identified in Exhibit A. Payments by the Department will be made in accordance with Exhibit B. In the case of construction contracts, the Maintaining Agency shall be responsible for the payment of electricity and electrical charges incurred in connection with the operation of the Traffic Signals and Devices, and shall undertake the maintenance and continuous operation of these Traffic Signals and Devices upon final acceptance of the installation by the Department. Prior to any final acceptance of the installation by the Department, the Maintaining Agency will have the opportunity to inspect and request modifications or corrections to the installation(s) and the Department agrees to undertake those modifications or corrections prior to final acceptance so long as the modifications or corrections comply with the Agreement, signal plans, and specifications previously approved by both the Department and Maintaining Agency. Repair or replacement and other responsibilities of the installation contractor and the Department, during construction, are contained in the Department's Standard Specifications for Road and Bridge Construction.

3. The Maintaining Agency shall maintain and operate the Traffic Signals and Devices in a manner that will ensure safe and efficient movement of highway traffic and that is consistent with maintenance practices prescribed by the International Municipal Signal Association (IMSA) and operational requirements of the Manual on Uniform Traffic Control Devices (MUTCD), as amended.

4. The Maintaining Agency's maintenance responsibilities include, but are not limited to, locates, preventive maintenance (periodic inspection, service and routine repairs), restoration of services, and emergency maintenance (trouble shooting in the event of equipment malfunction, failure, or damage). Restoration of services may include temporary poles, stop signs or other methods to maintain traffic. The Maintaining Agency shall record its maintenance activities in a traffic signal maintenance log.

5. The Department intends to conduct a structural inspection of the mast arm structures and strain poles every 60 months, which inspection shall comply with the checklist included in Exhibit C, attached to and incorporated in this Agreement. The inspection report will serve as a 90-day notification to the Maintaining Agency that deficiencies exist which require preventative maintenance and periodic maintenance. Preventative maintenance includes but is not limited to: spot painting, cleaning, all wiring issues, graffiti removal, all signal related issues (lighting, signs and connections), and response to traffic impact including repair and replacement of all components damaged by the traffic impact. For any new painted mast arms installed after the date of this agreement, preventative maintenance includes all items described above and also includes repainting,

tightening of nuts, replacing missing or deficient bolts, replacement of missing cap covers or equivalent, replacement of missing or deficient access hole cover plates, and repairing improper grounding. Damaged mast arm structures and strain poles must be properly repaired or replaced by the Maintaining Agency. If the Maintaining Agency is not successful in recovering damage costs from responsible party(ies) within 180 days from the occurrence of damage, the Department will reimburse the Maintaining Agency for costs incurred due to traffic impacts to mast arms, which reimbursements will be processed after the Department receives a properly completed and supported invoice from the Maintaining Agency. The Department will pursue reimbursements from individuals and/or the third parties who cause damages to mast arms and are liable for replacement/repair costs. Failure to perform preventative maintenance after notification of an inspection deficiency will result in the Maintaining Agency being responsible for the corrective actions. If spot painting or any other described preventative maintenance is not carried out, there shall be a 25% retainage of the annual compensation amount for the affected signal locations until the preventative maintenance is performed. For each month subsequent to the expiration of the 90-day notice given to the Maintaining Agency that preventative maintenance deficiencies exist, 1/12th of the annual compensation amount for the affected signal locations will be forfeited up to 25% of the annual compensation amount. In the case of a total paint failure on a mast arm installed prior to the date of this Agreement, the Department will fund the cost of repainting. This does not include any mast arm that was installed with a separate mast arm painted finish agreement. The terms of that agreement will control.

6. Periodic maintenance includes but is not limited to: repair of cracks in the mast arm structure; removal and/or repair of grout pads; resetting of anchor bolts; and repair or replacement of deteriorated anchor bolts and nuts. For any new mast arm installations after the date of this Agreement, if a Maintaining Agency requests a painted mast arm, the Maintaining Agency agrees to perform all required periodic and preventative maintenance. Any periodic maintenance performed on the mast arm structure by the Maintaining Agency needs Department approval prior to commencement of work and shall be performed within 90 days unless under an emergency situation. Any and all work performed by the Maintaining Agency must conform to the current Department Standard Specifications for Road and Bridge Construction as applicable. Mast arms that the Department determines to be at the end of its useful life will be replaced by the Department so long as documented preventative maintenance and any applicable periodic maintenance was satisfactorily performed by the Maintaining Agency.

The Table below summarizes the roles of the Maintaining Agency and the Department with regard to preventative and periodic maintenance of mast arms:

Maintaining Agency	Florida DOT
Preventative maintenance of all mast arm structures	Periodic maintenance of all mast arm structures (except for any new painted and existing painted structures with signed separate Agreement)
Periodic maintenance of structures (for any new painted and existing painted structures with signed separate Agreement)	
Damage repair or replacement of structures	Compensate Maintaining Agency for damage repair or replacement of structures
	Replacement at end of life cycle of the structure

7. The Department will reimburse the Maintaining Agency for costs incurred due to traffic impacts to traffic signal controller cabinet assemblies, traffic signal battery backup, UPS cabinet assemblies, pedestrian flashing beacons, strain pole repair or replacement, and all devices shown in Exhibit A, if the Maintaining Agency is not successful in recovering damage costs from responsible parties. The Maintaining Agency will be responsible for pursuing reimbursements from individuals and/or the third parties that cause damages. However, if the Maintaining Agency is not successful in recovering damage costs from responsible party(ies) within 180 days from the occurrence of damage, the Department will pursue reimbursements from individuals and/or the third parties who cause damages and are liable for replacement/repair costs to the traffic signal controller cabinet assemblies, traffic signal battery backup, UPS cabinet assemblies, pedestrian flashing beacons, strain poles, and all devices shown in Exhibit A. Applicable reimbursements will be processed after the Department receives a properly completed and supported invoice from the Maintaining Agency.

8. The Maintaining Agency may remove any component of the installed equipment for repair or testing; however, it shall only make permanent modifications or equipment replacements and only if the equipment provided is capable of performing at minimum the same functions as the equipment being replaced. The Department shall not make any modifications or equipment replacements without prior written notice to and consultation with the Maintaining Agency.

   a. The Maintaining Agency shall implement and maintain the timing and phasing of the traffic signals in accordance with the Department's timing and phasing plans, specifications, special provisions, Department re-timing projects, and the Department's Traffic Engineering Manual. The Maintaining Agency shall obtain prior written approval from the Department for any modification in phasing of signals and flash times (where applicable). Signal Systems timings (cycle length, split, offsets, sequence) are considered operational changes and may be changed by the Maintaining Agency to accommodate changing needs of traffic. The Maintaining Agency may make changes in the signal timing

provided these changes are made under the direction of a qualified Professional Engineer registered in the State of Florida. The Maintaining Agency shall make available a copy of the timings to the Department upon request. The Department reserves the right to examine equipment, timing and phasing at any time and, after consultation with the Maintaining Agency, may specify modifications. If the Department specifies modification in timing or phasing, implementation of such modifications will be coordinated with, or made by, the Maintaining Agency. All signal timing and phasing records shall be retained by the Maintaining Agency for at least three (3) years, and will be made available to the Department upon request.

9. The Maintaining Agency shall note in the maintenance log any changes in timings and phasings, and keep a copy of the timings and phasings, and any approval documentation in a file. A copy of the log shall be provided to the Department upon request. Maintaining Agencies may provide this information electronically.

10. The Maintaining Agency and the Department shall update Exhibit A on an annual basis which Exhibit A is attached to and incorporated in this Agreement. Exhibit A will contain all Traffic Signals and Devices on the State Highway System which are within the jurisdiction of the Maintaining Agency, those that are maintained by the Maintaining Agency and those that are maintained but not included for compensation. No changes or modifications may be made to Exhibit A during the Department's fiscal year for compensation. New Traffic Signals and Devices added by the Department during its fiscal year must be maintained and operated by the Maintaining Agency upon the Department's final acceptance as stated in paragraph 2. The Maintaining Agency and the Department shall update Exhibit A preceding each Department's fiscal year, which will include all new Department Traffic Signals and Devices added during the Department's previous fiscal year and delete those removed. Exhibit A will need to be incorporated into this Agreement by an amendment to this Agreement each time Exhibit A is updated. The Maintaining Agency will begin receiving compensation for new Traffic Signals and Devices in the Department's fiscal year after the Traffic Signals and Devices are installed and final acceptance is given by the Department. In the event that no change has been made to the previous year's Exhibit A, a certification from the Maintaining Agency shall be provided to the Department certifying that no change has been made to Exhibit A in the Department's previous fiscal year. The annual compensation will be a lump sum payment (minus any retainage or forfeiture) as set forth in Exhibit B. Future payments will be based on the information provided in Exhibit A, in accordance with the provisions as set forth in Exhibit B, attached to and incorporated in this Agreement.

11. Payment will be made in accordance with Section 215.422, Florida Statutes.

12. There shall be no reimbursement for travel expenses under this Agreement.

13. Bills for fees or other compensation for services or expenses shall be submitted in detail sufficient for a proper pre-audit and post-audit thereof.

14. The Maintaining Agency should be aware of the following time frames. Inspection and approval of goods or services shall take no longer than twenty (20) working days. The Department has twenty (20) days to deliver a request for payment (voucher) to the Department of Financial Services. The twenty (20) days are measured from the latter of the date the invoice is received or the goods or services are received, inspected and approved.

15. If a payment is not available within forty (40) days, a separate interest penalty at a rate as established pursuant to Section 55.03(1), Florida Statutes, will be due and payable, in addition to the invoice amount, to the Maintaining Agency. Interest penalties of less than one (1) dollar will not be enforced unless the Maintaining Agency requests payment. Invoices returned to a Maintaining Agency because of Maintaining Agency preparation errors will result in a delay in the payment. The invoice payment requirements do not start until a properly completed invoice is provided to the Department.

16. A Vendor Ombudsman has been established within the Department of Financial Services. The duties of this individual include acting as an advocate for contractors or vendors who may be experiencing problems in obtaining timely payment(s) from a state agency. The Vendor Ombudsman may be contacted at (850) 413-5516 or by calling the Division of Consumer Services at 1-877-693-5236.

17. Records of costs incurred under the terms of this Agreement shall be maintained and made available upon request to the Department at all times during the period of this Agreement and for three (3) years after final payment is made. Copies of these documents and records shall be furnished to the Department upon request. Records of costs incurred include the Maintaining Agency's general accounting records and the project records, together with supporting documents and records, of the contractor and all subcontractors performing work on the project, and all other records of the Contractor and subcontractors considered necessary by the Department for a proper audit of costs.

18. In the event this contract is for services in excess of $25,000.00 and a term for a period of more than one (1) year, the provisions of Section 339.135(6)(a), F.S., are hereby incorporated:

"The Department, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as

available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such contract. The Department shall require a statement from the Comptroller of the Department that such funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding 1 year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the Department which are for an amount in excess of $25,000.00 and which have a term for a period of more than 1 year."

19. The Department's obligation to pay is contingent upon an annual appropriation by the Florida Legislature.

20. An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity.

21. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

22. The Department shall consider the employment by any contractor of unauthorized aliens a violation of Section 274A(e) of the Immigration and Nationality Act. If the contractor knowingly employs unauthorized aliens, such violation will be cause for unilateral cancellation of this Agreement.

23. The Maintaining Agency may be subject to inspections of Traffic Signals and Devices by the Department. Such findings will be shared with the Maintaining Agency and will be the basis of all decisions regarding payment reduction, reworking, Agreement termination, or renewal. If at any time the Maintaining Agency has not performed the maintenance responsibility on the locations specified in the Exhibit A, the Department has the option of (a) notifying the Maintaining Agency of the deficiency with a requirement that it be corrected within a specified time, otherwise the Department shall deduct payment for any deficient Traffic Signal(s) and Device(s) maintenance not corrected at the end of such time, or (b) take whatever action is deemed appropriate by the Department. Any suspension or termination of funds does not relieve any obligation of the Maintaining Agency under the terms and conditions of this Agreement.

24. The Department shall monitor the performance of the Maintaining Agency in the fulfillment of the agreement. The Maintaining Agency shall submit an annual Report prior to June 30 of each year detailing the following:

    a. Critical Detection device malfunctions: Critical detection is defined as the detection on side-streets and in left turn lanes on the main streets, and all pedestrian/bicycle detection. Repairs to the side-street and main street left turn detections shall be made within sixty (60) days of discovery and repairs to the pedestrian detection shall be made within 72 hours after notification. All these events shall be logged into the annual report. If repairs cannot be performed within 60 days, the agency shall document the reasons why. Discovery of such events shall be logged into the annual report. The Maintaining Agency shall ensure that 90% of all critical detectors systemwide are operating properly at all time. Any time the level drops below 90%, the Agency would have ninety (90) days to correct the situation. A 5% retainage of the total annual compensation amount (as shown in Exhibit A) will be withheld whenever the 90% critical detection requirement is not met within the 90-day period.

    b. Traffic signal preventative maintenance inspections: All traffic signals shall receive at least one (1) minor preventative maintenance inspection, preferably two inspections, within a twelve (12) month period. Preventative maintenance inspection shall include verification that all detection is working, the signal is cycling properly, the ventilation system is functioning and filters are clean. Basic traffic cabinet maintenance shall also verify power feed voltages, verify that the vehicle and pedestrian indications are functioning properly, test the effective functioning of pedestrian push buttons, and check hinges and door locks. At least one (1) conflict monitor test shall be performed during a twelve (12) month period. Each test is to be documented and included in the annual report to the Department. The inspection report should note the location, date of inspection and any items noted. If the traffic signals do not receive at least one (1) minor preventative maintenance inspection during a twelve (12) month period, there shall be a 20% retainage of the annual compensation amount for the affected signal locations until the preventative maintenance inspection is made. If not performed within the state's fiscal year, the 20% retainage of the annual compensation amount for the affected signal locations will be forfeited.

c. For any traffic signals that are interconnected with telecommunications and their real-time operation is electronically monitored via software by personnel at a central location and are therefore receiving the higher compensation amount as described in Exhibit B, the name(s), titles of those monitoring those intersections, and the location of the central monitoring facility(s) are to be documented and contained in the annual report submitted to the Department.

d. In addition to the above requirements, if at least 50% of the traffic signals are not inspected and if at least half of the critical detection requirements as stated in 24a are not met, the Department will retain an additional 25% of the remaining compensation amount.

25. The Maintaining Agency may enter into agreements with other parties pertaining to Traffic Signals and Devices including, but not limited to, agreements relating to costs and expenses incurred in connection with the operation of traffic signals and devices on the State Highway System, provided that such Agreements are consistent with the mutual covenants contained in this Agreement. The Maintaining Agency shall furnish a copy of such agreements to the Department.

26. This Agreement may not be assigned or transferred by the Maintaining Agency in whole or in part without consent of the Department.

27. The Maintaining Agency shall allow public access to all documents, papers, letters, or other material subject to provisions of Chapter 119, Florida Statutes, and made or received by the Maintaining Agency in conjunction with this Agreement. Failure by the Maintaining Agency to grant such public access will be grounds for immediate unilateral cancellation of this Agreement by the Department.

28. This Agreement is governed by and construed in accordance with the laws of the State of Florida. The invalidity or unenforceability of any portion of this Agreement does not affect the remaining provisions and portions hereof. Any failure to enforce or election on the part of the Department to not enforce any provision of this Agreement does not constitute a waiver of any rights of the Department to enforce its remedies hereunder or at law or in equity.

29. This term of this Agreement is twenty (20) years; provided that either party may cancel this Agreement prior to the expiration of the term of this Agreement. A minimum notice period of two (2) years plus the remaining months of the Department's fiscal year shall be provided to the other party in writing. Should the Maintaining Agency provide its written notice of cancellation to the Department, the notice shall be endorsed by the elected body (County Commission, City Council, or local agency governing body) under which the Agency operates.

30. Upon execution, this Agreement cancels and supersedes any and all prior Traffic Signal Maintenance Agreement(s) between the parties, except specific separate Agreements covering painted mast arm maintenance or any other aspect related to the painting of mast arms.

31. The Department reserves the right to remove select critical corridors or critical intersections from the Maintaining Agency's obligation under this Agreement. The remaining intersections and corridors would continue to be covered under this Agreement. The Department will provide a minimum of one year notice prior to take-over of maintenance of critical corridors or critical intersections.

32. The Department agrees that the Maintaining Agency must comply with State law regarding appropriations and budgets. This Agreement shall not be interpreted to conflict with State law applicable to the Maintaining Agency.

33. The Maintaining Agency shall:
    a. utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Maintaining Agency during the term of the contract; and
    b. expressly require any contractors and subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

34. Exhibits A, B, and C are attached and incorporated by reference.

35. This Agreement contains all the terms and conditions agreed upon by the parties.

IN WITNESS WHEREOF, the parties have caused these presents to be executed, the day and year first above written.

_____, Florida (Maintaining Agency)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
By	By
_____	_____

(Authorized Signature)	(Authorized Signature)
Print/Type Name: J K Schell	Print/Type Name: DEBORA M. RIVERA
Title: City Manager	Title: DIRECTOR
Attest: Susan P. Harrison	Legal Review:
Attorney:	Date: July 8, 2015

EXHIBIT A

TRAFFIC SIGNAL INTERSECTIONS AND INTERSECTION CONTROL BEACONS MAINTAINED AND OPERATED FOR FY 2015-2016

Effective Date: July 1, 2015 To: June 30, 2016

Intersection Locations	Traffic Signal (TS)	Traffic Signal Interconnected & Monitored (IMTS)	Intersection Control Beacon (ICB)	Pedestrian Flashing Beacon (PFB)	Emergency Fire Dept. Signal (FDS)	Speed Activated Warning Displays (SAWD) or Blank Out Sign (BOS)	Traffic Warning Beacon (TWB)	Travel Time Detector	Uninterruptible Power Supplies (UPS)	Compensation Amount (using Unit Rates from Exhibit B)
(US-1) Whitehead St. at Fleming St.	1									3,040
(US-1) Whitehead St. at Southard St.	1									3,040
(US-1) Whitehead St. at Truman Ave.	1									3,040
(US-1) Truman Ave. at Duval St.	1									3,040
(US-1) Truman Ave. at Simonton St.	1									3,040
(US-1) Truman Ave. at Windsor Lane	1									3,040
(US-1) Truman Ave. at White St.	1									3,040
(US-1) Truman Ave. at Florida St.	1									3,040
(US-1) Truman Ave. at Eisenhower Drive and Jose Marti Drive	1									3,040
(US-1) N. Roosevelt Blvd. at Fire Station Emergency Fire Department Signal (FDS)					1					1,064
(US-1) N. Roosevelt Blvd. at Palm Ave.	1									3,040
(US-1) N. Roosevelt Blvd. at MacMillan St./5th St.	1									3,040
(US-1) N. Roosevelt Blvd. at Overseas Market	1									3,040
(US-1) N. Roosevelt Blvd. at Kennedy Drive	1									3,040
(US-1) N. Roosevelt Blvd. at Searstown	1									3,040
(US-1) N. Roosevelt Blvd. at S. Roosevelt Blvd. (the "Triangle")	1									3,040
(US-1) US-1/Overseas Hwy. at College Rd.	1									3,040
(US-1) N. Roosevelt Blvd. at the Former Radisson (3820 NRB)				1						608
(US-1) N. Roosevelt Blvd. at Key Plaza (2900 NRB)				1						608
(US-1) N. Roosevelt Blvd. at 3rd St. (2000 NRB)				1						608
									Total Lump Sum Amount*	51,528

* Amount paid shall be the Total Lump Sum minus any retainage or forfeiture.

I certify that the above traffic signals will be maintained and operated in accordance with the requirements of the Traffic Signal Maintenance and Compensation Agreement. For satisfactory completion of all services detailed in this Agreement for this time period, the Department will pay the Maintaining Agency a Total Lump Sum (minus any retainage or forfeiture) of $51,528.00.

Maintaining Agency- City of Key West — Date: 20 JULY 2015

District Traffic Operations Engineer — Date: 8/24/15

EXHIBIT B
TRAFFIC SIGNAL MAINTENANCE AND COMPENSATION AGREEMENT

1.0 PURPOSE

This exhibit defines the method and limits of compensation to be made to the Maintaining Agency for the services described in this Agreement and in Exhibit A and method by which payments will be made.

2.0 COMPENSATION

For the satisfactory completion of all services detailed in this Agreement and Exhibit A of this Agreement, the Department will pay the Maintaining Agency the Total Lump Sum (minus any retainage or forfeiture) in Exhibit A. The Maintaining Agency will receive one lump sum payment (minus any retainage or forfeiture) at the end of each fiscal year for satisfactory completion of service.

Beginning in the fiscal year 2016-17, for traffic signals which are not interconnected with telecommunications and are not monitored at a central location, the compensation amount shall be $3,131. The compensation amount for traffic signals that are interconnected with telecommunications and are monitored at a central location shall be $4,500 per signal location. These differential compensation amounts shall be in effect beginning July 1, 2016. The Table below shows the compensation amount for the various devices for fiscal years 2015-16 and 2016-17, and beyond.

Total Lump Sum (minus any retainage or forfeiture) Amount for each fiscal year is calculated by adding all of the individual intersection amounts.
Pedestrian Flashing Beacon: Includes school zone beacons, pedestrian crossing beacons, and rectangular rapid flashing beacons (RRFB). School zones, crosswalks and warning sign locations shall be paid at a unit rate regardless of the number of individual beacons or poles.

Unit Compensation Rates per Intersection on the State Highway System

FY	Traffic Signals (TS)	Traffic Signal - Interconnected & monitored (IMTS)	Intersection Control Beacon (ICB)	Pedestrian Flashing Beacon (PFB)	Emergency Fire Dept. Signal (FDS)	Speed Activated Warning Display (SAWD) or Blank Out Sign (BOS)	Traffic Warning Beacon (TWB)	Travel Time Detector	Uninterruptible Power Supplies (UPS)
2014-15*	$ 2,951		$738	$295	$738	$148	$148		
2015-16	3,040		760	608	1,064	304	304		
2016-17	3,131	4,500	783	626	1,096	313	313	100	100
2017-18	Based on the Consumer Price Index (CPI), the 2016-17 compensation amounts will be revised upwards.								
2018-19	Based on the CPI, the 2017-18 compensation amounts will be revised upwards.								
2019-20	Based on the CPI, the 2018-19 compensation amounts will be revised upwards.								

*Compensation pro-rata based on intersection approaches or legs on State Highway System.

Based on the Consumer Price Index (CPI), the Unit Rate for the following fiscal year will be adjusted accordingly, unless otherwise specified in an amendment to this Agreement. However, if CPI is negative, there shall be no reduction from the previous year's compensation.

3.0 PAYMENT PROCESSING

The Maintaining Agency shall invoice the Department in a format acceptable to the Department, on an annual basis for the reimbursement costs incurred by the Maintaining Agency for the previous year prior to June 30th of

each year . For example, the Maintaining Agency shall submit its invoice for the previous year beginning July 1, 2015 through June 30, 2016 no later than June 30, 2016.

EXHIBIT C

TRAFFIC SIGNAL MAST ARM CHECKLIST

Traffic Signal Mast Arm Checklist

- Foundation, including condition of grout pad if present
- Anchor bolts and nuts
- Base plate
- Base plate connection to vertical member
- Hand hole and hand hole covers and inside of vertical member by removing hand hole covers
- Connections between vertical and horizontal members
- Any member splices
- Attachments
- Member caps

EXHIBIT A

TRAFFIC SIGNAL INTERSECTIONS AND INTERSECTION CONTROL BEACONS MAINTAINED AND OPERATED FOR FY 2016-2017

Effective Date: July 1, 2016 To: June 30, 2017

Intersection Locations	Traffic Signal (TS)	Traffic Signal Interconnected & Monitored (IMTS)	Intersection Control Beacon (ICB)	Pedestrian Flashing Beacon (PFB)	Emergency Fire Dept. Signal (FDS)	Speed Activated Warning Displays (SAWD) or Blank Out Sign (BOS)	Traffic Warning Beacon (TWB)	Travel Time Detector	Uninterruptible Power Supplies (UPS)	Compensation Amount (using Unit Rates from Exhibit B)
(US-1) Whitehead St. at Fleming St.	1									3,131
(US-1) Whitehead St. at Southard St.	1									3,131
(US-1) Whitehead St. at Truman Ave.	1									3,131
(US-1) Truman Ave. at Duval St.	1									3,131
(US-1) Truman Ave. at Simonton St.	1									3,131
(US-1) Truman Ave. at Windsor Lane	1									3,131
(US-1) Truman Ave. at White St.	1									3,131
(US-1) Truman Ave. at Florida St.	1									3,131
(US-1) Truman Ave. at Eisenhower Drive and Jose Marti Drive	1									3,131
(US-1) N. Roosevelt Blvd. at Fire Station Emergency Fire Department Signal (FDS)					1					1,096
(US-1) N. Roosevelt Blvd. at Palm Ave.	1									3,131
(US-1) N. Roosevelt Blvd. at MacMillan St./5th St.	1									3,131
(US-1) N. Roosevelt Blvd. at Overseas Market	1									3,131
(US-1) N. Roosevelt Blvd. at Kennedy Drive	1									3,131
(US-1) N. Roosevelt Blvd. at Searstown	1									3,131
(US-1) N. Roosevelt Blvd. at S. Roosevelt Blvd. (the "Triangle")	1									3,131
(US-1) US-1/Overseas Hwy. at College Rd.	1									3,131
(US-A1A) S. Roosevelt Blvd. at Flagler Avenue	1									3,131
(US-1) N. Roosevelt Blvd. at the Former Radisson (3820 NRB)				1						626
(US-1) N. Roosevelt Blvd. at Key Plaza (2900 NRB)				1						626
(US-1) N. Roosevelt Blvd. at 3rd St. (2000 NRB)				1						626
									Total Lump Sum Amount*	56,201

* Amount paid shall be the Total Lump Sum minus any retainage or forfeiture.

I certify that the above traffic signals will be maintained and operated in accordance with the requirements of the Traffic Signal Maintenance and Compensation Agreement. For satisfactory completion of all services detailed in this Agreement for this time period, the Department will pay the Maintaining Agency a Total Lump Sum (minus any retainage or forfeiture) of $56,201.00.

JK Schloll CITY MANAGER — 08 JUNE 2016

Maintaining Agency- City of Key West — *Date* — *District Traffic Operations Engineer* — *Date*

Exhibit A - Attached to and made part of *Traffic Signal Maintenance and Compensation Agreement* (Contract No. ARU46)