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John R. Cooper
Transportation Director

March 11, 2021

MEMORANDUM

TO: Region Engineers
Area Operation Engineers
Area Maintenance Engineers

ATTN: Area Traffic Engineers

FROM: Stacey N. Glass, P.E.  KCW
State Maintenance Engineer

RE: Signal/Roadway Lighting Agreement Revision Implementation Date

The ALDOT "Agreement for the Installation and/or Operation and/or Maintenance of Traffic Control Signals and/or Roadway Lighting" document has been revised and has an implementation date of March 11, 2021. The latest version of this document can be found on the Maintenance Bureau website. A copy of the revised document has also been attached to this memo for your review. Below is the update/revision to this document:

- **Section 8a** – Was updated to remove "or (B) Equipment Upgrade" from the first sentence. Moving forward a warrant analysis will not be required to be attached to the maintenance agreement unless it is "(A) New Installation with Traffic Control Signal".

Please pass this information along to those in your Region/Area/District that execute this document.

Thank you.

SNG/KCN/aoh

Attachment(s): "Agreement for the Installation and/or Operation and/or Maintenance of Traffic Control Signals and/or Roadway Lighting"
(Revision Date 03/11/2021)

For Official Use Only: ALDOT Agreement Number: _____

Region Tracking Number: _____ Project Number: _____

Region: North Region County: Madison

STATE OF ALABAMA acting by and through the
ALABAMA DEPARTMENT OF TRANSPORTATION: AGREEMENT for the
INSTALLATION and/or OPERATION and/or MAINTENANCE OF TRAFFIC CONTROL SIGNALS and/or
ROADWAY LIGHTING

This Agreement, in accordance with resolution number _____ dated (or minutes dated) _____ attached hereto and made part of this Agreement, is made and entered into by and between the Alabama Department of Transportation (herein referred to as STATE) and the **City of Madison, Alabama** (herein referred to as **MAINTAINING AGENCY**) for the accomplishment of the following work as hereinafter indicated by the alphabetic letter of "X" marked in the check-boxes below, to wit:

	(A) New Installation	(B) Equipment Upgrade	(C) Complete Removal	(D) Operation	(E) Maintenance
Traffic Control Signal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Intersection Flashing Signal/Beacon:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roadway Lighting:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The accomplishment of the work indicated by the alphabetic letter of "X" marked in the check-box(es) above and hereinafter signified by the use of the corresponding alphabetic letter A, B, C, D, and/or E as applicable, will be at the following location(s): {Example: AL-3/US-31 @ Main Street [A, D, & E] denotes the installation, operation, and maintenance of the equipment installed} **NOTE** – if more space is needed, please use continuation sheets.

TRAFFIC CONTROL SIGNAL: AL-2 (US-72) AT JACK CLIFT BOULEVARD (A,D&E)

1. For the purposes of this Agreement, "equipment and/or associated hardware" shall refer to the equipment and/or associated hardware used to install, upgrade, maintain, and/or operate traffic control signals, intersection flashing signals/beacons, roadway lighting, and/or other as specified in the chart above.
2. In the event the work to be accomplished above is identified by (A) and/or (B), the STATE MAINTAINING AGENCY will furnish and the STATE MAINTAINING AGENCY will install the equipment and/or associated

hardware utilized in the accomplishment of the work. In the event the STATE contributes funds to the work and the MAINTAINING AGENCY will be credited or debited for under-runs or overruns respectively, the "**Exhibit O**" is attached to and made part of this Agreement.

3. The equipment and/or associated hardware shall be installed in accordance with the applicable portions of the:
 - A. Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD), current ALDOT approved edition.
 - B. State of Alabama Project Details and Special and Standard Highway Drawings, current year version.
 - C. National Electrical Code, current edition.
 - D. Alabama Department of Transportation (ALDOT) Standard Specifications for Highway Construction, current edition and applicable special provisions.
 - E. Code of Alabama, 1975 (as Amended) with specific reference to:
 - (1) §23-1-113, Municipal Connecting Link Roads – Stipulations and Conditions [specifically sub-paragraphs (6) and (7)].
 - (2) §32-5A-32, Traffic – Control signal legend.
 - (3) §32-5A-33, Pedestrian – Control signals.
 - (4) §32-5A-34, Flashing signals.
 - (5) §32-5A-35, Lane – Direction – Control signals.
4. The STATE shall determine the quantity of the equipment and/or associated hardware to be utilized in the accomplishment of the work identified by (A) and/or (B) above. In the event the MAINTAINING AGENCY furnishes the equipment and/or associated hardware to be utilized in the accomplishment of the work identified by (A) and/or (B) above, the MAINTAINING AGENCY shall ascertain that the type and quality of the equipment and/or associated hardware is in accordance with the STATE's Materials, Sources, and Devices with Special Acceptance Requirements (APL) as maintained by the STATE's Bureau of Materials and Tests.
5. It is the sole responsibility of the MAINTAINING AGENCY to locate and/or relocate any and all utilities in conflict with the installation, upgrade, and/or maintenance of equipment and associated hardware prior to commencing work to install, upgrade, and/or maintain equipment and associated hardware. The MAINTAINING AGENCY will locate and/or relocate such utilities in accordance with all applicable Federal and State laws, regulations, and procedures. Associated utility costs will be at the sole expense of the MAINTAINING AGENCY. In the event utilities are damaged during the installation, upgrade, and/or maintenance of equipment and associated hardware due to failure of the MAINTAINING AGENCY to relocate and/or relocate such utilities, the MAINTAINING AGENCY shall be responsible for providing the funding to pay for any and all associated costs to repair the utilities.
6. Title to any and all equipment and/or associated hardware furnished by the STATE shall remain in the STATE and the STATE is deemed to be the sole owner of such equipment and/or hardware.
7. The equipment and/or associated hardware shall be operated and maintained at the sole expense of the MAINTAINING AGENCY. The MAINTAINING AGENCY agrees to provide electrical energy on a continuing basis as required, beginning at the time of the initial electrical service connection during the construction of the system. The MAINTAINING AGENCY agrees further to maintain the equipment and/or associated hardware in a good state of repair at all times, as required in

accordance with the applicable documents: Manual on Uniform Traffic Control Devices for Streets and Highways and the Alabama Department of Transportation Standard Specifications for Highway Construction and applicable special provisions. Any traffic control signal equipment and/or associated hardware must also be maintained in accordance with any traffic signal operating plan of the STATE which is in effect at the applicable time of the maintenance. If a malfunction of the equipment and/or associated hardware should ever occur, the MAINTAINING AGENCY shall make or cause to be made any repairs immediately. If a malfunction presents a potential hazard to the motoring public and the MAINTAINING AGENCY is unable to repair the equipment and/or associated hardware in a timely manner as determined by the STATE, the MAINTAINING AGENCY agrees that the STATE reserves the right to and may repair the equipment and/or associated hardware, and invoice the MAINTAINING AGENCY for all costs incurred. The MAINTAINING AGENCY agrees to pay the STATE all such costs incurred by the STATE promptly upon receipt of the invoice from the STATE.

7a. In instances where ALDOT maintains a fiber-optic trunk line that is used in conjunction with a closed-loop signal system, the MAINTAINING AGENCY shall maintain the fiber-optic cable from the splice point in the trunk line out to the traffic control equipment.

8a. Installation requests made by the MAINTAINING AGENCY and identified on page one as “(A) New Installation” with “Traffic Control Signal” marked must follow the Traffic Signal Warrant and Justification procedure as identified in the Alabama Department of Transportation Traffic Signal Design Guide and Timing Manual, latest edition. For any warrant study/analysis which does not satisfy a traffic signal warrant or warrants, the MAINTAINING AGENCY agrees to accept any and all responsibility for any damage or injury that may be caused by or related to the installation, location, operation, sequencing, and/or maintenance of the equipment and/or associated hardware and shall defend, indemnify, and hold harmless the State of Alabama, the Alabama Department of Transportation, and its agents, servants, employees, in their official or individual capacities and/or facilities from and against all claims, damages, losses and expenses, including but not limited to attorney’s fees, arising out of or resulting from the installation, operation, and maintenance of the equipment and/or associated hardware, or any claim, damage, loss, or expense to the person or property caused. A copy of the warrant study/analysis shall be attached to and made part of this Agreement.

8b. Check one:

The CITY (Incorporated Municipality)

Subject to the limitations on damages applicable to municipal corporations under Alabama Code § 11-47-190(1975), the CITY shall indemnify and hold harmless the State of Alabama, the Alabama Department of Transportation, its officers, officials, agents, servants, and employees from and against (1) claims, damages, losses, and expenses, including but not limited to attorney’s fees arising out of, connected with, resulting from, or related to the work performed by the CITY, or its officers, employees, contracts, agents or assigns (2) the provision of any services or expenditure of funds required, authorized, or undertaken by the CITY pursuant to the terms of this Agreement, or (3) any damage, loss, expense, bodily injury, or death, or injury or destruction or tangible property (other than the work itself), including loss of use therefrom, and including but not limited

to attorney's fees, caused by the willful, negligent, careless, or unskillful acts of the CITY, its agents, servants, representatives, or employees, or the misuse, misappropriation, misapplication, or misexpenditure of any source of funding, compensation, or reimbursement by the CITY, its agents, servants, representatives, or employees, or anyone for whose acts the CITY may be liable.

The COUNTY (County Government or Agency)

The COUNTY shall be responsible at all times for all of the work performed under this agreement and, as provided in Alabama Code § 11-93-2(1975), the COUNTY shall indemnify and hold harmless the State of Alabama, the Alabama Department of Transportation, its officers, officials, agents, servants, and employees.

For all claims not subject to Alabama Code § 11-93-2(1975), the COUNTY shall indemnify and hold harmless the State of Alabama, the Alabama Department of Transportation, its officers, officials, agents, servants, and employees from and against any and all damages, claims, loss, liabilities, attorney's fees or expense whatsoever, or any amount paid in compromise thereof arising out of, connected with, or related to (1) work performed under this Agreement, (2) the provision of any services or expenditure of funds required, authorized, or undertaken by the COUNTY pursuant to the terms of this Agreement, or (3) misuse, misappropriation, misapplication, or misexpenditure of any source of funding, compensation or reimbursement by the COUNTY, its officers, officials, agents, servants, and employees.

The term "hold harmless" includes the obligation of the MAINTAINING AGENCY to pay damages on behalf of the State of Alabama, the Alabama Department of Transportation, and its agents, servants, and/or employees.

9. Complete removal of the equipment and/or associated hardware, hereinabove identified by (C), will be at the sole expense of the STATE MAINTAINING AGENCY.
10. The STATE reserves the right to demand the removal of the equipment and/or associated hardware should the STATE determine that the signal is no longer required or deem its condition or operation hazardous. Further, the STATE shall have the right to remove the equipment and/or associated hardware should the MAINTAINING AGENCY fail to do so upon demand by the STATE. The MAINTAINING AGENCY agrees to reimburse the STATE for its costs associated with the removal. Any equipment and/or associated hardware which is deemed by the STATE to be non-uniform or obsolete will be removed and disposed of by the MAINTAINING AGENCY. None of the non-uniform or obsolete equipment and/or associated hardware which has been removed shall be reused on the STATE highway system.
11. If future traffic conditions require changes and/or adjustments to said equipment and/or associated hardware (other than ordinary timing), the MAINTAINING AGENCY shall obtain the approval of the STATE before such changes are implemented and the STATE shall make a determination on whether a new Agreement is required to be submitted for the UPGRADING, OPERATION, and MAINTENANCE of the new equipment and/or associated hardware. All such changes shall be at the sole cost and expense of the MAINTAINING AGENCY.

12. At such time as a warrant study is conducted on an existing signalized intersection and the results differ from the previous warrant study conducted at that signalized intersection, a new Agreement for Installation and/or Operation and/or Maintenance of Traffic Control Signals and/or Roadway Lighting shall be executed with the MAINTAINING AGENCY.

13. In the event Federal funds are utilized in the accomplishment of the work hereinbefore described, "Exhibit M" is attached to and made a part of this Agreement.

14. FUNDS SHALL NOT BE CONSTITUTED AS A DEBT

It is agreed that the terms and commitments contained herein shall not be construed as a debt of the State of Alabama in violation of Article 11, Section 213 of the Constitution of Alabama, 1901, as amended by Amendment Number 26. It is further agreed that if any provision of this Agreement shall contravene any statute or Constitutional Provision or Amendment, then the conflicting provision in this Agreement shall be deemed null and void.

For any and all disputes arising under the terms of this Agreement, the parties hereto agree, in compliance with the recommendations of the Governor and Attorney General, when considering settlement of such disputes, to utilize appropriate forms of non-binding alternative dispute resolution including, but not limited to, mediation by and through the Attorney General's Office of Administrative Hearings or where appropriate, private mediators.

15. The type and number of signal & pedestrian heads per intersection or roadway lighting hardware are as follows: {Example: 5 – 3 sec, 12", red ball, yellow/green left arrow. OPTION: If plans are available to convey information below, just enter "SEE ATTACHED PLANS".} NOTE – If more space is needed, please use continuation sheets.

SEE ATTACHED SIGNAL PLANS

TYPE OF SIGNAL		CONTROLLER	
<input checked="" type="checkbox"/> Traffic Control	<input checked="" type="checkbox"/> Pedestrian Control	Make:	Model #:
<input type="checkbox"/> Flashing	<input type="checkbox"/> Lane Control	<input type="checkbox"/> Fixed Time	<input type="checkbox"/> Two Phase
<input type="checkbox"/> School Flasher	<input type="checkbox"/> Railroad Crossing	<input type="checkbox"/> Semi Actuated	<input type="checkbox"/> Four Phase
<input type="checkbox"/> Other: _____		<input checked="" type="checkbox"/> Full Actuated	<input checked="" type="checkbox"/> Eight Phase
_____		<input type="checkbox"/> Other: _____	

		SYSTEM	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

16. In the event the work to be accomplished is identified by (A), (B), and/or (C) and [1] in part or wholly constitutes an interconnected, coordinated, fixed time relationship, signal control operation between two or more intersections (herein referred to as a SYSTEM and hereinabove indicated by the SYSTEM check-box for YES marked in the controller box above), [2] is located within the limits of a SYSTEM, or [3] is within close proximity as to adjoin a SYSTEM, the STATE MAINTAINING AGENCY shall substantiate the work identified by (A), (B), and/or (C) to be SYSTEM compatible.
17. By entering into this agreement, the MAINTAINING AGENCY is not an agent of the State, its officers, employees, agents or assigns. The MAINTAINING AGENCY is an independent entity from the State and nothing in this agreement creates an agency relationship between the parties.
18. By signing this contract, the contracting parties affirm, for the duration of this agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of this agreement and shall be responsible for all damages resulting there from.

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK. SIGNATURE PAGE TO FOLLOW.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by those officers, officials, and persons thereunto duly authorized, and the Agreement is deemed to be dated and to be effective on the date stated hereinafter as the date of the approval of the Region Engineer.

(Seal of MAINTAINING AGENCY)

City of Madison, Alabama

Legal Name of MAINTAINING AGENCY

Attest: _____
(Seal or notary signature)

By: _____
Authorized Signature for MAINTAINING AGENCY

Agreement Recommended for approval:

By: _____
Area Traffic Engineer Signature

STATE OF ALABAMA acting by and through the ALABAMA DEPARTMENT OF TRANSPORTATION

The within and foregoing Agreement is hereby approved on this _____ day of _____, 20_____.

APPROVED:

RECORDED:

By: _____
Region Engineer Signature

By: _____
State Traffic Engineer Signature

Date: _____
(Added to Archive)