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## AGENDA ITEM SUMMARY

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**Subject: Discuss traffic control device agreements with the Iowa DOT as part of the 2021 Hwy 18 HMA Overlay Project**

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**Background Summary:**

As part of this year's Highway 18 HMA Overlay Project, the Iowa DOT will replace the traffic signals at Clark Street and North Grand Avenue. A new pedestrian crossing signal will also replace the existing signal at F Street for Lincoln Elementary School. Although these are not new signal locations and they replace existing signals, the Iowa DOT requires new traffic control agreements with the local jurisdictions when upgrading their system.

The DOT is in charge of the project, contractor, schedule, etc., so some of the agreement does not apply in our circumstance. I have had some conversations with the DOT, and have been told the agreements are standard and are not revised for individual projects. Brad has reviewed the agreements and concurs in the Council's approval.

The agreements will be placed on the January 19<sup>th</sup> City Council agenda for approval.



**AGREEMENT FOR APPROVAL OF A TRAFFIC CONTROL DEVICE**

County Floyd

This application and sketch must be filed with the appropriate Iowa Department of Transportation District Office.

Applicant City Of Charles City

Name of Governmental Authority

Approval is requested for authority to install and maintain a traffic control device at the following location:

Traffic signal replacement at the intersections of US 18 & Clark St and US 18 & N Grand Ave.

THE APPLICANT UNDERSTANDS THAT THE TRAFFIC CONTROL DEVICE MUST COMPLY WITH THE REQUIREMENTS OF THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, IOWA DEPARTMENT OF TRANSPORTATION. THE APPLICANT ASSUMES RESPONSIBLY FOR THE OPERATION OF THE TRAFFIC CONTROL DEVICE. THE APPLICANT ALSO ASSUMES ALL COSTS FOR ELECTRICITY, MAINTENANCE, AND REPLACEMENT FOR THE ABOVE TRAFFIC CONTROL DEVICE.

Attach (to all copies of the application) a drawing of the proposed installation. Drawing to be complete, showing location of traffic control device in relation to sidewalks, driveways, streets, etc.

Show extra indications such as pedestrian "Walk-Don't Walk", etc., in detail on proposed installation drawing.

**OPERATION**

The traffic control shall function as follows: Fully-actuated traffic signal with video detection for all approaches. Left turn phasing will be permissive only with the except of eastbound traffic along US 18 at both intersections will be protected/permissive phasing. The protected only phase will be activated only when more than one vehicle is queued at the intersections. Pedestrian phasing with pedestrian indications and pushbuttons will be provided for crossing all approaches at both intersections. Emergency vehicle preemption will be added to both intersections using audible technology to detect sirens.

By \_\_\_\_\_  
Name Title (Mayor, Clerk, or Engineer) Date

NOTE: The signal installation must have final inspection and approval by the Iowa Department of Transportation before being placed in operation. Please notify the State Traffic Engineer, Office of Traffic Engineering and Safety, Iowa Department of Transportation, Ames, Iowa, one (1) week before signal turn on.

AUTHORIZATION

Approval is granted, subject to the conditions and restrictions set forth herein, for the installation of a traffic control device at the location described above.

CONDITION AND/OR RESTRICTIONS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

THE IOWA DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO:

- (1) Require the removal of such traffic control device upon thirty days' written notice. Either lack of supervision, inadequate enforcement, unapproved operation, or intolerable congestion shall be considered sufficient reason to require removal.
- (2) Revoke and annul the issued permit if the installation is not in operation within eighteen (18) months after date of approval.

Name \_\_\_\_\_ Date \_\_\_\_\_  
State Traffic Engineer,  
Iowa Department of Transportation



**AGREEMENT FOR APPROVAL OF A TRAFFIC CONTROL DEVICE**

County Floyd

This application and sketch must be filed with the appropriate Iowa Department of Transportation District Office.

Applicant City Of Charles City

Name of Governmental Authority

Approval is requested for authority to install and maintain a traffic control device at the following location:

A pedestrian hybrid beacon will be installed at the intersection of US 18 & F Street.

THE APPLICANT UNDERSTANDS THAT THE TRAFFIC CONTROL DEVICE MUST COMPLY WITH THE REQUIREMENTS OF THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, IOWA DEPARTMENT OF TRANSPORTATION. THE APPLICANT ASSUMES RESPONSIBLY FOR THE OPERATION OF THE TRAFFIC CONTROL DEVICE. THE APPLICANT ALSO ASSUMES ALL COSTS FOR ELECTRICITY, MAINTENANCE, AND REPLACEMENT FOR THE ABOVE TRAFFIC CONTROL DEVICE.

Attach (to all copies of the application) a drawing of the proposed installation. Drawing to be complete, showing location of traffic control device in relation to sidewalks, driveways, streets, etc.

Show extra indications such as pedestrian "Walk-Don't Walk", etc., in detail on proposed installation drawing.

**OPERATION**

The traffic control shall function as follows: The pedestrian hybrid beacon will be dark until a pedestrian pushes the button for detection. Following detection, the pedestrian hybrid beacon will go through a driver warning, vehicle clearance, ped walk, don't walk, and clearance phase. Since the pedestrain hybrid beacon is at an intersection, no turning movement blank-out signs will be displayed for the stop controlled approaches of F Street.

By \_\_\_\_\_  
Name Title (Mayor, Clerk, or Engineer) Date

NOTE: The signal installation must have final inspection and approval by the Iowa Department of Transportation before being placed in operation. Please notify the State Traffic Engineer, Office of Traffic Engineering and Safety, Iowa Department of Transportation, Ames, Iowa, one (1) week before signal turn on.

AUTHORIZATION

Approval is granted, subject to the conditions and restrictions set forth herein, for the installation of a traffic control device at the location described above.

CONDITION AND/OR RESTRICTIONS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

THE IOWA DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO:

- (1) Require the removal of such traffic control device upon thirty days' written notice. Either lack of supervision, inadequate enforcement, unapproved operation, or intolerable congestion shall be considered sufficient reason to require removal.
- (2) Revoke and annul the issued permit if the installation is not in operation within eighteen (18) months after date of approval.

Name \_\_\_\_\_ Date \_\_\_\_\_  
State Traffic Engineer,  
Iowa Department of Transportation