

Distribution:
White - Applicant
Yellow - State Traffic Engineer
Pink - District Traffic Engineer

Do Not Write In This Space
Application No. _____
Permit No. _____

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

REQUEST FOR TRAFFIC SIGNAL

To the Georgia Department of Transportation:

The Board of Commissioners in Hall County hereby request approval for the use of a traffic signal at the location described below:

LOCATION

Local Street names: Cornelia Hwy at Kubota Way/Whitehall Rd

State Route Numbers: US 23/SR 365/SR 419 at _____

TYPE SIGNAL

Stop and Go Flashing Beacon School Beacon Other

CONDITIONS OF APPLICATION AND STANDARDS OF OPERATION

In the event that the Georgia Department of Transportation authorizes the use of a traffic signal at the above location, the undersigned agrees to participate in the costs to purchase and install the signal. This level of participation will be determined after a study of the location has been completed. The signal must be installed to the Department's standards and conform with the authorization issued by the Department and the provisions set forth therein.

COST OF OPERATION

The full and entire costs of the electric energy and telephone service used to operate the signal shall be at the expense of the applicant without any cost to the Georgia Department of Transportation. The applicant understands that the Department may ask for participation in the cost for the purchase, installation and maintenance of the signal if approved.

INSPECTION AND APPROVAL

The installation, maintenance and operation of said signal shall be subject at all times to inspection and approval by a duly authorized engineer of the Georgia Department of Transportation.

RIGHT TO REVOKE

The Georgia Department of Transportation reserves the right to revoke the approval should it for any reason desire to do so, by giving the applicant thirty (30) days written notice, and in that event, the applicant agrees to remove said signal from said right-of-way at its own expense or allow it to be removed by the Department.

This application is hereby submitted and all of the terms and conditions are hereby agreed to. The undersigned are duly authorized to execute this instrument.

This the _____ day of _____ 19__

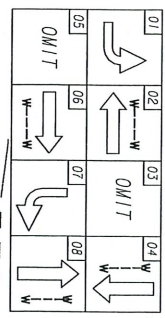
Attest:

By: _____

Title: _____

Clerk

PHASING DIAGRAM



Provide Numeric Analysis that looks at left turn vs. opposing thru/rt lanes broken out by approach.

Not necessary for new signal requests

Add CCTV on Luminaire Arm

Label setback loop distances from the stop bar. Extend loop detectors 2' beyond stop bar.

Recommend adding Detail 'C' White hatching in the radii

On the side roads, offset left turn lane stop bars 10'-12' from through lane stop bars

Not sure why this would be necessary unless AutoTurn revealed a conflict

SR 365 / Cornelia Hwy (65 MPH)

Shift heads as shown

Show arrows in right and left turn lanes starting 25' from stop bar, then evenly spaced 100' apart

Make certain ped poles are at least 5' from detectable warning strips (Maintain 5' diameter for peds on ramps)

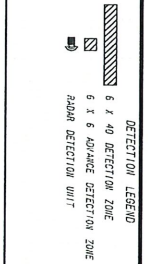
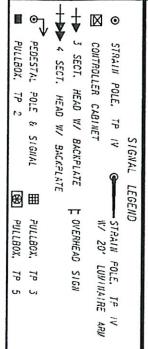
Label ADA ramps by type per GDOT Detail A-3

Recommend a smoother transition here

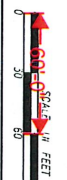
TRAFFIC SIGNAL CONCEPT NOT FOR CONSTRUCTION

6 x 40 DETECTION ZONE
 6 x 6 ADVANCE DETECTION ZONE

2400 DETECTION UNIT



NVIS
 NIS ENGINEERING & CONSULTING, INC.
 10724 WESTSIDE AVE, SUITE 300
 ALPHARETTA, GA 30009
 WWW.NVIS.COM



REVISION DATES

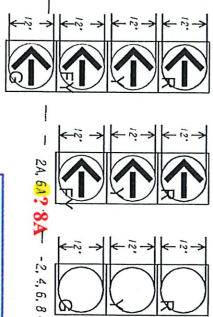
NO.	DATE	DESCRIPTION

TRAFFIC SIGNAL CONCEPT

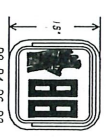
NO.	DATE	DESCRIPTION

KUBOTA WAY / WHITEHALL RD
 SR 365 @
 DRAWING NO. 27-001

LED SIGNAL HEADS WITH RETRO-REFLECTIVE BORDER ON BACKPLATE



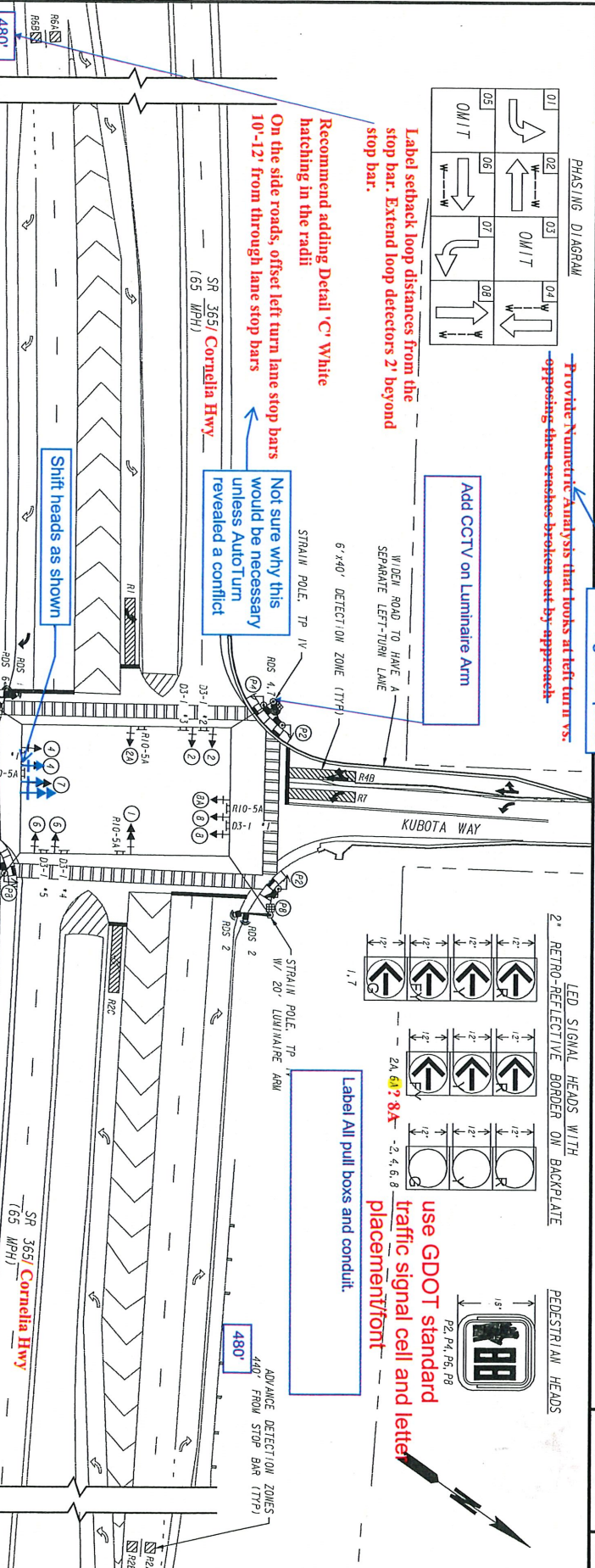
PEDESTRIAN HEADS



use GDOT standard traffic signal cell and letter placement/front

Label All pull boxes and conduit.

ADVANCE DETECTION ZONES 440' FROM STOP BAR (TYP)



PROPOSED CONTROL CABINET ROUTE POWER TO NEARBY TRANSFORMER OVERHEAD SIGNALS

Use local road name (Cornelia Hwy)

- SR 365 name (Cornelia Hwy)
- Kubota Way
- Whitehall Rd
- Kubota Way
- Whitehall Rd

PEDESTRIAN SIGNS

