

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE**

FILE P.I. #0010016 **OFFICE** Design Policy & Support
GDOT District 7 - Metro Atlanta
DeKalb County **DATE** June 11, 2012
Kingsley Charter Elementary School - SRTS
FROM *Kym Phillips*
for Brent Story, State Design Policy Engineer
TO SEE DISTRIBUTION
SUBJECT **APPROVED CONCEPT REPORT**

Attached is the approved Concept Report for the above subject project.

Attachment

DISTRIBUTION:

Genetha Rice-Singleton, Program Control Administrator
Bobby Hilliard, State Program Delivery Engineer
Cindy VanDyke, State Transportation Planning Administrator
Angela Robinson, Financial Management Administrator
Glenn Bowman, State Environmental Administrator
Kathy Zahul, State Traffic Engineer
Georgene Geary, State Materials & Research Engineer
Lisa Myers, State Project Review Engineer
Jeff Baker, State Utilities Engineer
Ken Thompson, Statewide Location Bureau Chief
Rachel Brown, District Engineer
Scott Lee, District Preconstruction Engineer
Jonathan Walker, District Utilities Engineer
Ryan Fernandez, Project Manager
BOARD MEMBER - 6th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District Seven

KINGSLEY CHARTER ELEMENTARY SCHOOL IN DUNWOODY -SRTS

PROJECT CONCEPT REPORT

County: DEKALB
P. I. Number: 0010016

Federal Route Number: N/A
State Route Number: N/A

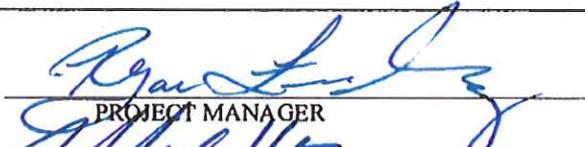
See Sheet 2 for Location Sketch

Date of Concept Report: August 22, 2011

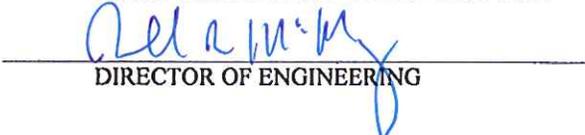
RECOMMENDED: 3-21-12
DATE

RECOMMENDED: 3-21-12
DATE

APPROVED: 6/7/12
DATE


PROJECT MANAGER


STATE PROGRAM DELIVERY ENGINEER


DIRECTOR OF ENGINEERING

Kingsley Charter Elementary School in Dunwoody - SRTS



Project Location Sketch
NTS

PROJECT CONCEPT REPORT

P.I. NO.:

0010016

Route No:

N/A

Description:

The proposed infrastructure project for improving routes to Kingsley Charter Elementary School within the City of Dunwoody and DeKalb County includes the following phases:

Phase 1: Crosswalks and Signage

Raised Asphalt Crosswalk (ADA accessible ramps with drainage included) at following intersection:

- 1) Dartford Drive and Brendon Drive
- *2) N. Peachtree Road and Davantry Drive
- *3) N. Peachtree Road and Brendon Drive
- *4) Brendon Drive and Brendon Ct.

Painted Stepladder Crosswalk (thermoplastic) and ADA accessible ramps including school crosswalk and advanced warning assemblies on both approaches to each crosswalk at the following intersections:

- 1) N. Peachtree Rd and Brendon Drive
- 2) Seaton Drive and Brendon Drive
- 3) Delverton Drive and N. Peachtree
- 4) Leisure Drive and N. Peachtree
- 5) Fenhurst Pl. and N. Peachtree
- 6) Welton Pl. and N. Peachtree
- 7) Sancroff Ct. and N. Peachtree
- 8) Waterton Ct. and N. Peachtree
- 9) N. Peachtree Way and N. Peachtree
- 10) Saffron Dr. and N. Peachtree
- 11) Prestwood Ct. and Brendon Dr.
- 12) Driveways (3) at entrance into Kingsley Charter Elem School

Phase 2: Sidewalks and Lighting

- 1) 5 ft sidewalk along south/west side of Brendon Drive from Seaton Drive to North Peachtree Rd. A 2 ft “beauty strip” will separate sidewalk from existing roll back curb
- 2) 5 ft sidewalk in front of school, near bus driveway
- * 3) 5 ft sidewalk along the north side of Dartford Road from Tilly Mill to Brendon Drive.
- 4) Street lighting (pedestrian/lamp post) on north side of Brendon Dr. from front of school to intersection of Seaton Dr. – 5 pedestrian/lamp posts including power; spacing at 75 ft o.c.

*** = changes to original application**

ADT:

2008: North Peachtree Road – 1,770
Brendon Drive - 603
Dartford Drive - < 1,000
Davantry Drive - < 1,000
Seaton Drive - < 1,000

Existing Right of Way:

**North Peachtree Road – 60’ Brendon Drive – 60’
Dartford Drive – 60’
Davantry Drive – 60’ Seaton Drive – 60’

Existing Traffic Control:

Intersections are controlled by stop signs.

Existing Major Structures:

None

Statement of Need & Purpose:

Kingsley Charter School is located in a residential neighborhood. 24 of its students live within 1/2 mile of the school and 115 live within 1 mile, but relatively few currently walk to school. The major reason is parent concern over traffic safety. Kingsley’s SRTS committee conducted a survey of parents, and learned that more than 58% would allow their child to walk to school as part of a “walking school bus”. The biggest concern by far which parents cited as an obstacle to allowing their child to walk or bike was traffic safety (75%).

Kingsley Charter School is located on Brendon Drive, which has become a major cut-through road between N. Peachtree and Tilly Mill Rd (mostly GA Perimeter college students). Additionally, the sidewalks on Brendon Drive end at the school property, forcing pedestrians to walk on the street. The area that currently has sidewalks is along a wooded section of the school property, and is very dark (especially in the morning).

In addition, a 3-way stop at Daventry Dr (which is where many of the walking students would cross North Peachtree) is frequently ignored. A similar situation exists at the 3-way stop at North Peachtree and Brendon Dr. Two other streets in the immediate area (Dartford Dr and Delverton Dr) have recently had speed tables installed to address problems with speeding cars.

Bicycle and Pedestrian Considerations:

Pedestrian accommodations will be added or improved along the proposed sidewalk routes.

Length:

3.60 miles

PDP Class:

Minor

Functional Classification:

Urban Minor Arterial – North Peachtree Road, Urban Collector Street – Brendon Drive

Design Speed:

25 mph Brendon Drive, 25 mph North Peachtree Road

Proposed Typical Section:

5' sidewalks with two feet grass strip

Proposed Major Structures:

None

Type Access Control:

By Permit

Traffic Control During Construction:

Temporary shoulder/lane closures

Right-of-Way Requirements:

None

Utilities:

None Anticipated

Estimated Cost:

\$327,774.00

Item Total Amount

<u>Item</u>	<u>State</u>
R/W	\$0
Utilities	\$0
Est. LGPA Total	\$0
Construction	\$312,166
Engineering and Inspection 5%	\$ 15,608
Total Construction	\$327,774

Permits Required:

None

Level of Environmental Analysis:

Windshield Survey. PCE anticipated.

Level of Public Involvement:

None

Time Saving Procedures Appropriate:

Yes (X)

No ()

Design Variances Required:

None

Alternates Considered:

No build

Comments:

None

Attachments:

Cost Estimate

Typical Section

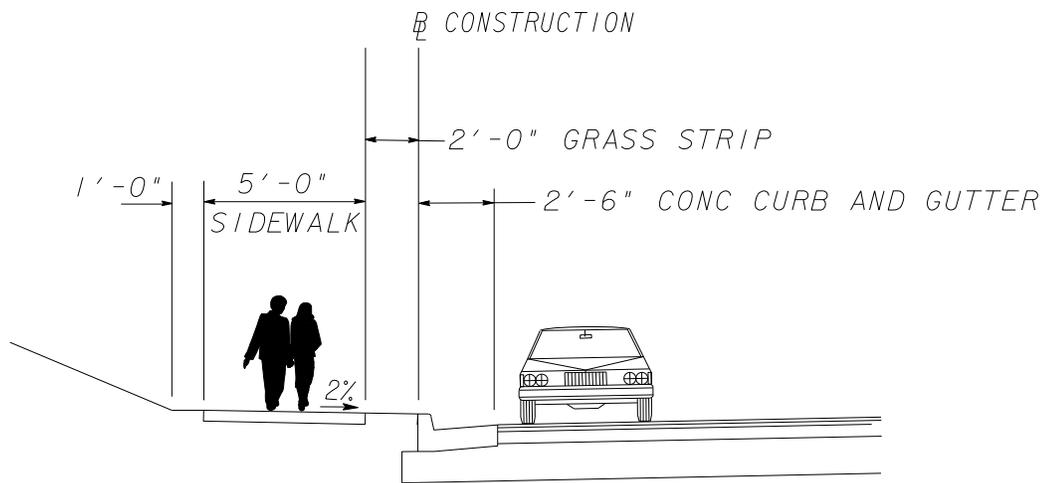
Concept Team Meeting Minutes

Local Government Support Letter - Lighting

Design Sketch

PROJECT COST ESTIMATE

ITEM DESCRIPTION	Quantity	Unit	Unit Price	Total Cost
Traffic Control	1	LS	\$8,000.00	\$8,000.00
Grading Complete	1	LS	\$10,500.00	\$10,500.00
Concrete Sidewalk-5 ft; 4in	1,500.00	SY	\$40.00	\$60,000.00
Permanent Grassing (sod)	1,600	SY	\$6.00	\$9,600.00
Silt Fence, Type A	800	LF	\$2.30	\$1,840.00
Silt Fence, Type C	500	LF	\$2.30	\$1,150.00
Maintenance of Temporary Silt Fence, Type A	400	LF	\$0.96	\$384.00
Maintenance of Temporary Silt Fence, Type C	250	LF	\$0.96	\$240.00
Re-establish landscaping/decorative wall	1	Each	\$1,200.00	\$1,200.00
ADA Ramps	36	Each	\$1,000.00	\$36,000.00
Crosswalks (thermoplastic)	18	Each	\$900.00	\$13,500.00
Crosswalk Warn (S1-1/W16-7P);installed	70	Each	\$500.00	\$35,000.00
Adv Warn Assembly(S-1/W16-9P);installed	70	Each	\$400.00	\$28,000.00
Pedestrian/Street Lamp Posts; incl power	5	Each	\$10,000.00	\$50,000.00
Galv. Steel Posts; TP 8	1,728.00	LF	\$9.00	\$15,552.00
Raised Asphalt Crosswalk	3	Each	\$6,500.00	\$19,500.00
Thermoplastic Solid Traffic Stripe,5in, Yellow	3	LM	\$1,500.00	\$4,500.00
Thermoplastic Pvmt Markings; WORD, TP3A	8	Each	\$500.00	\$4,000.00
Regulatory Sign (R1-1)	4	Each	\$300.00	\$1,200.00
Catch Basins (2 – 1034D, 1-1033D)	3	Each	\$4000.00	\$12,000
TOTAL				\$312,166.005



TYPICAL SECTION 1

BRENDON DRIVE STA 100+00.00 TO STA 117+00.00

BRENDON DRIVE STA 124+71.00 TO STA 125+61.00

DARTFORD DRIVE STA 10+00.00 TO STA 18+99.38

CONCEPT TEAM MEETING MINUTES
GDOT P.I. No. 0010016, DeKalb County; Sidewalk Improvements

SUBJECT: Concept Team Meeting: Kingsley Charter Elementary School in Dunwoody

PROJECT NO: SRTS, GDOT P.I. No. 0010016, DeKalb County; Sidewalk Improvements

MEETING DATE: January 19, 2011

MEETING TIME: 10:00 am

LOCATION: Kingsley Charter Elementary School, 2051 Brendon Drive, Dunwoody, GA 30338

ATTENDEES:

Emmanuella Myrthil, GDOT Project Manager
Michael Smith, Public Works Director, City of Dunwoody
Abby Mattera, SRTS Outreach Coordinator, URS/GDOT
Tom Lambert, Kingsley Charter School SRTS Committee Coordinator
Bernd Serda, Consultant Project Engineer, LCW Engineering, Inc.

PREPARED BY: Bernd Serda, P.E.

TOPICS DISCUSSED

-
- Opening remarks by Emmanuella Myrthil including project objectives and critical issues.
-
- Introduction of attendees
-
- Bernd Serda handed attendees plans, concept report and briefly described the proposed project based on the five phases as indicated on the concept report.
-
- Michael Smith and Tom Lambert comments are as follows:
 - Remove proposed speed humps shown on plans along N. Peachtree Road because they are using radar.
 - Provide an alternative option pedestrian treatment at Mt. Vernon & N. Peachtree Road and also include a warrant study for a Pedestrian Signal proposed at midblock at this location. Look at the MUTCD for Hawk Signal use at this intersection.
 - Due to cars running the intersections of N. Peachtree Road and Davantry Drive and N. Peachtree Road and Brendon Drive, an elevated cross walk may be needed at these intersections.
 - Michael Smith is to email Emmanuella Myrthil and Loretta Washington the GIS Data sharing agreement which both will have to sign this agreement
 - Dartford Dr. and Brendon Dr. will need to be further investigated if it is warranted for 3-way stop.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INDICATION OF SCHOOL LIGHTING SUPPORT

To the Georgia Department of Transportation:

Attn: State Traffic Engineer
935 E. Confederate Ave, Building 24
Atlanta, GA 30316

Location

The City of Dunwoody supports the consideration of lighting at the location specified below.

State/County Route Numbers: **Kingsley Elementary Charter School in Dunwoody - SRTS,
Brendon Drive.**

Associated Conditions

The undersigned agrees to participate in the following maintenance of the school in the event that the lighting is selected as the preferred concept alternative:

- **The full and entire cost of the electric energy used for any lighting installed and the maintenance thereof (if needed)**

We agree to participate in a formal Local Government Lighting Project Agreement during the preliminary design phase. This indication of support is submitted and all of the conditions are hereby agreed to. The undersigned are duly authorized to execute this agreement.

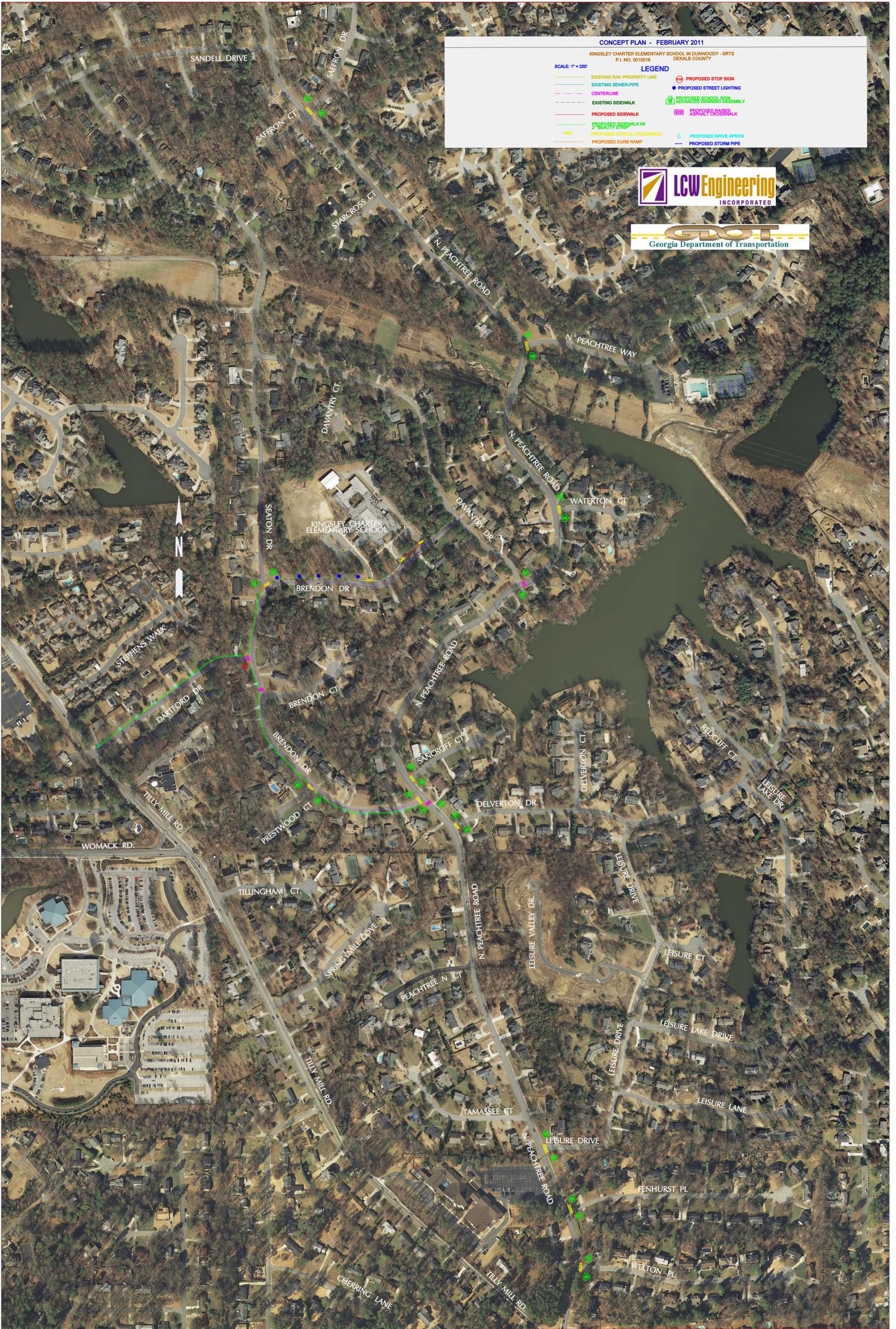
This is the _____ day of _____ 2012

Attest:

By:

Title: _____

Clerk



CONCEPT PLAN - FEBRUARY 2011
 KINGSLEY CHARTER ELEMENTARY SCHOOL IN DUNWOODY - SR75
 P.I. NO. 0010016 DEKALB COUNTY

SCALE: 1" = 200'

LEGEND

— (dashed line)	EXISTING RAW - PROPERTY LINE	⬮ (red circle)	PROPOSED STOP SIGN
— (solid line)	EXISTING SEWER PIPE	⬮ (blue circle)	PROPOSED STREET LIGHTING
— (dashed line)	CENTERLINE	⬮ (green circle)	PROPOSED SCHOOL ASSEMBLY
— (dashed line)	EXISTING SIDEWALK	⬮ (pink circle)	PROPOSED CROSSWALK
— (solid line)	PROPOSED SIDEWALK	⬮ (blue circle)	PROPOSED DRIVE APRON
— (dashed line)	PROPOSED SIDEWALK W/ 2' BEAUTY STRIP	⬮ (blue circle)	PROPOSED STORM PIPE
— (dashed line)	PROPOSED SCHOOL CROSSWALK		
— (dashed line)	PROPOSED CURB RAMP		

