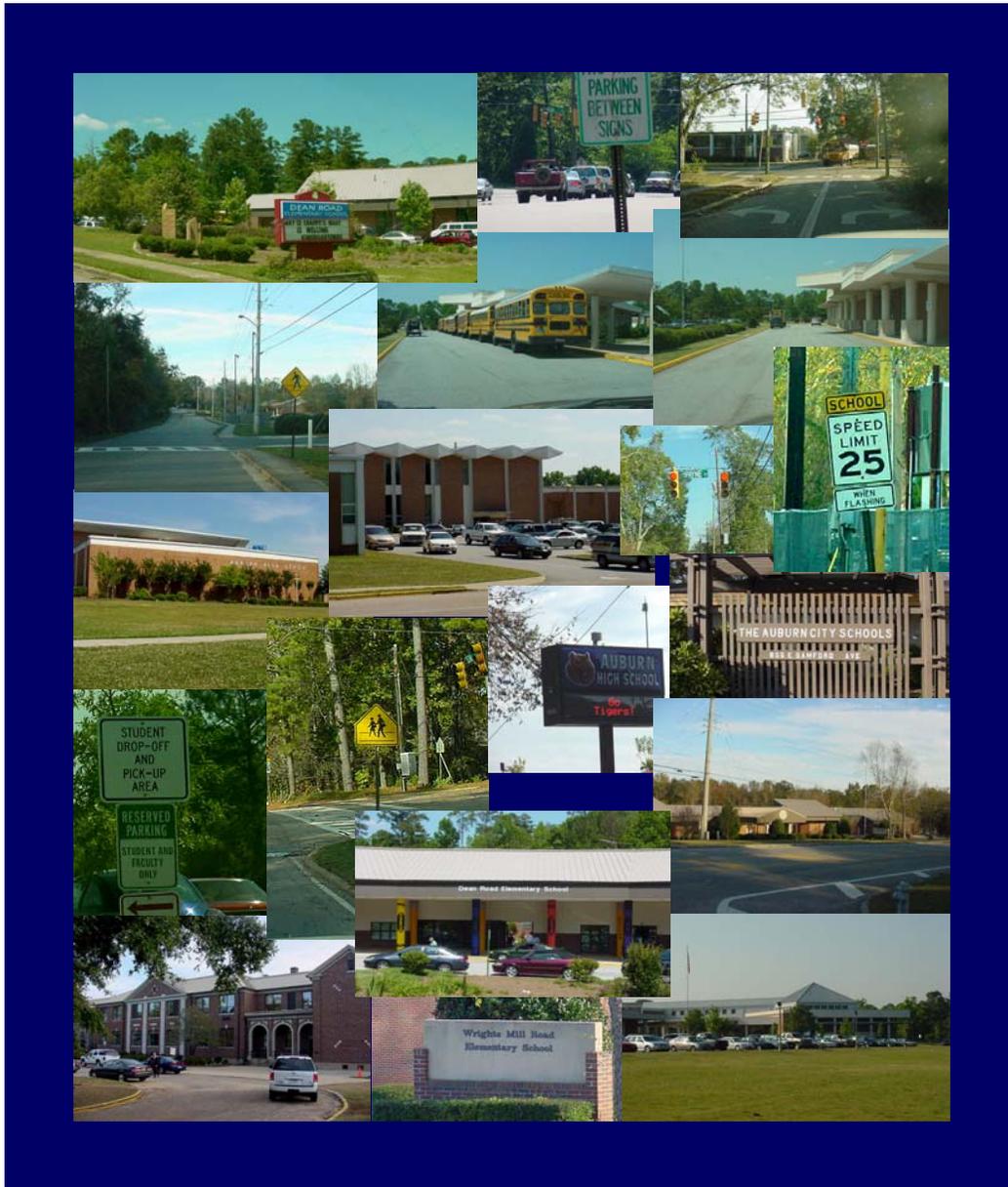


City of Auburn

School Traffic Study

Auburn High School - Wrights Mill Road Elementary School
Dean Road Elementary School - Auburn Junior High School



Prepared for:

**City of Auburn
Auburn, Alabama**

Prepared by:

SKIPPER
CONSULTING INC.

February 2006

Auburn School Study Recommendations Auburn, Alabama

Auburn High School:

1. Stripe eastbound right turn lane on Samford Avenue east of Dean Road to first parking lot entrance;
2. Restripe Samford Avenue in vicinity of rear parking lot access to school and access to Memorial Park Cemetery;
3. Add northbound right turn lane out of rear parking lot access to school to allow right turning vehicles ease of turning onto Samford Avenue; and
4. Restrict passenger vehicles (allow buses only) in the drop-off/pick-up drive directly in front of the school during the morning peak hour and afternoon peak hour.

Dean Road Elementary School:

1. Additional parking for faculty/staff is needed; and
2. Northbound traffic on Dean Road entering the school drop-off/pick-up drive does back out onto Dean Road in the morning and afternoon peak hours but does not cause any congestion problems to the through traffic on Dean Road. In addition, a drainage structure on the east side of Dean Road would make adding a right turn lane into the school driveway costly.

Auburn High School/Dean Road Elementary School:

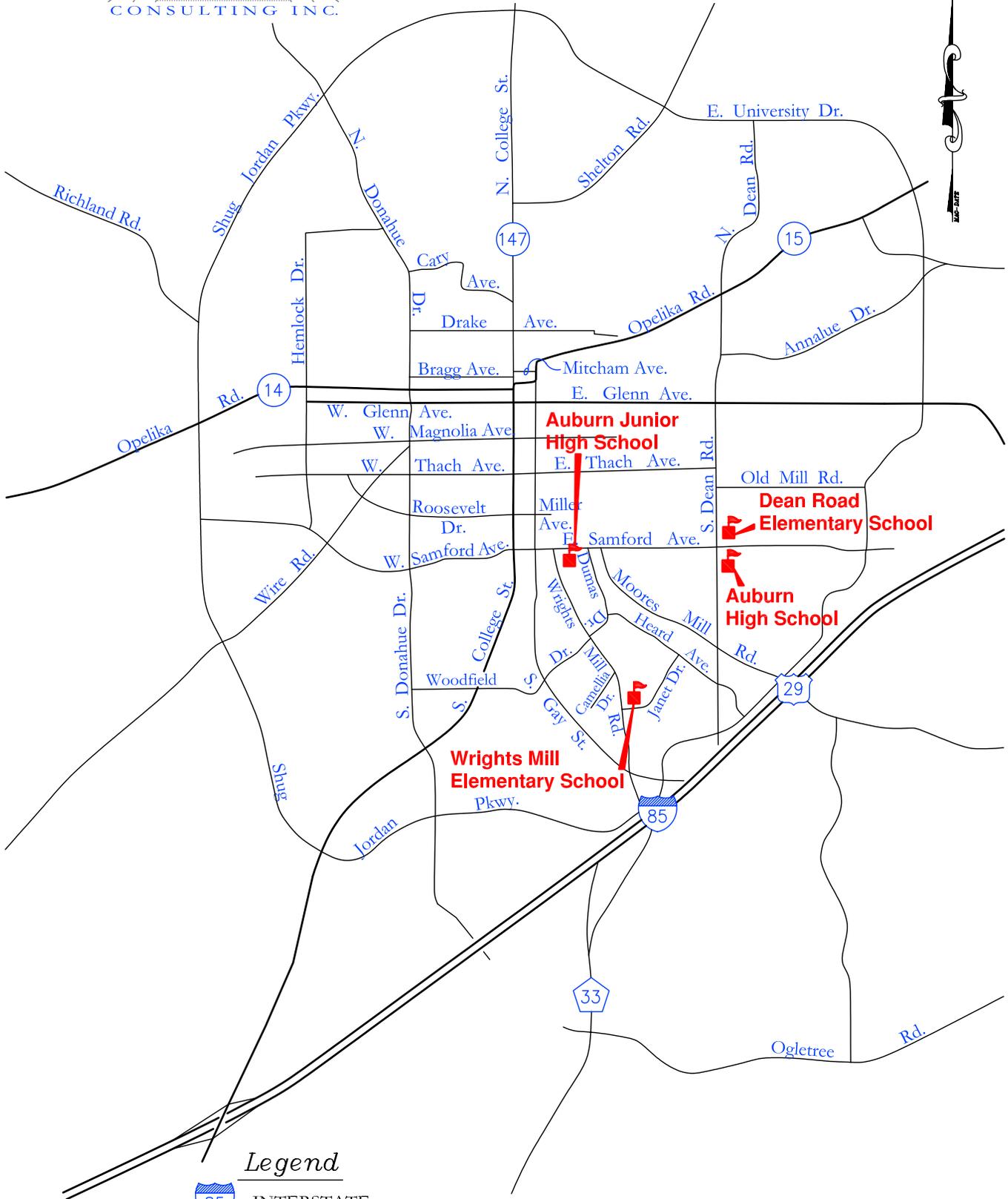
1. The signal timings at Dean Road and Samford Road need to be retimed during the morning and afternoon peak hours because the maximum green time is too short.

Auburn Junior High School:

1. There are no improvements recommended on the west or north side of the school campus;
2. On the east side, the one-way drop-off/pick-up circle off of Dumas Drive needs better organization of stacking in the circle;
3. The drop-off/pick-up circle off of Dumas Drive needs to properly accommodate parallel parking through striping as well as putting a physical obstruction to prevent lefts out of this access;
4. Some type of physical barrier, i.e., bollards, should be installed on the west side of Dumas Drive adjacent to the sidewalk to prevent parking on the sidewalk; and
5. Parallel parking on east side of Dumas Drive in front of one-way drop-off/pick-up circle creates gridlock on Dumas Drive during the afternoon peak hour. The majority of the vehicles that were parallel parked on the east side of Dumas Drive appeared to be faculty/staff to the school. No parking signs on Dumas Drive should be installed during the afternoon pick-up period. Installing additional faculty/staff parking on campus should also be considered.

Wrights Mill Road Elementary School:

1. The southbound left turn lane should be extended back to the intersection on Wrights Mill Road;
2. The northbound right turn lane should be extended to the corner on Wrights Mill Road; and
3. The police officer should be retained at the exit.



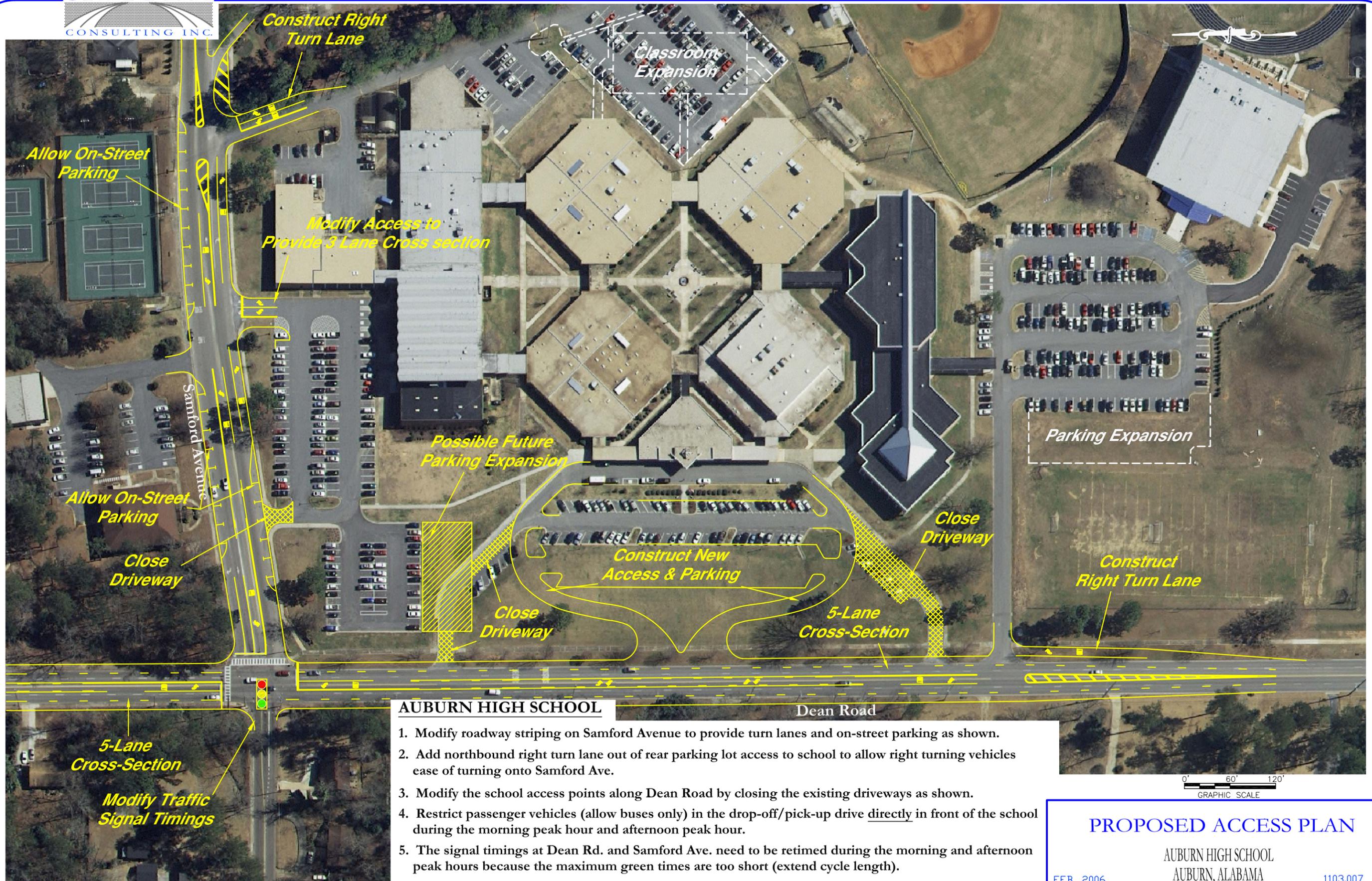
Legend

-  INTERSTATE
-  U.S. HIGHWAY
-  STATE ROUTE
-  COUNTY ROAD
-  SCHOOL LOCATION

DRAWING NOT TO SCALE

FIGURE 1 SITE LOCATION MAP

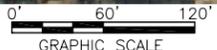
AUBURN SCHOOLS STUDY
AUBURN, ALABAMA



AUBURN HIGH SCHOOL

Dean Road

1. Modify roadway striping on Samford Avenue to provide turn lanes and on-street parking as shown.
2. Add northbound right turn lane out of rear parking lot access to school to allow right turning vehicles ease of turning onto Samford Ave.
3. Modify the school access points along Dean Road by closing the existing driveways as shown.
4. Restrict passenger vehicles (allow buses only) in the drop-off/pick-up drive directly in front of the school during the morning peak hour and afternoon peak hour.
5. The signal timings at Dean Rd. and Samford Ave. need to be retimed during the morning and afternoon peak hours because the maximum green times are too short (extend cycle length).



PROPOSED ACCESS PLAN

AUBURN HIGH SCHOOL
AUBURN, ALABAMA



DEAN ROAD ELEMENTARY SCHOOL

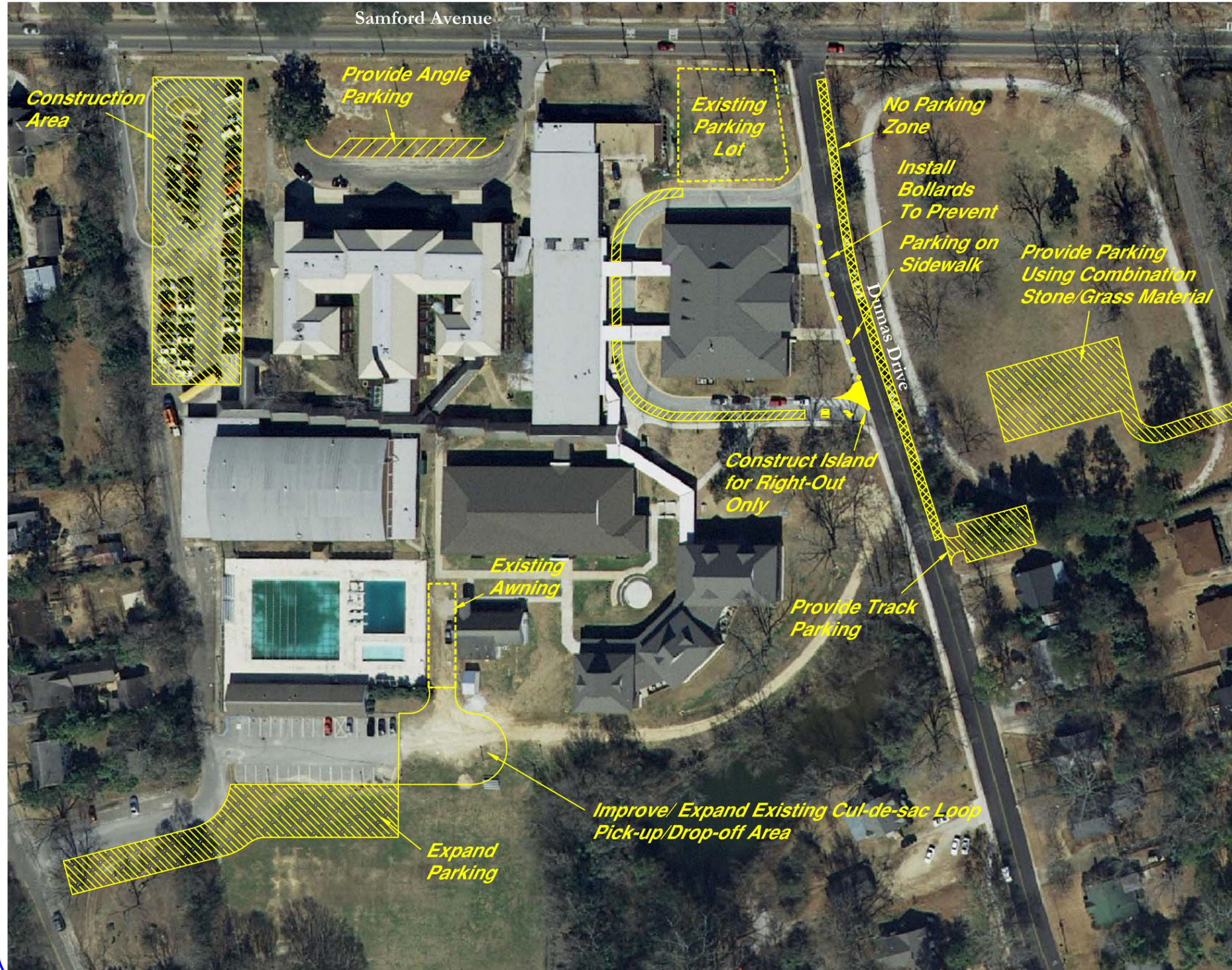
1. Additional parking for faculty/staff is needed.
2. Northbound traffic on Dean Rd. entering the school drop-off/pick-up drive does back out onto Dean Rd. in the morning and afternoon peak hours but does not cause any congestion problems to the through traffic on Dean Rd. In addition, a drainage structure on the east side of Dean Rd. would make adding a right turn lane into the school driveway costly.
3. The signal timings at Dean Rd. and Samford Ave. need to be retimed during the morning and afternoon peak hours because the maximum green times are too short (extend cycle length).

4. Re-configure and expand Rec Center parking lot to accommodate a bus loop and additional parking as shown.
5. Segregate car loading zone and bus loading zone as shown. Add right turn lane northbound along Dean Road into car loading zone as shown.
6. Extend the car loading zone further around the loop as shown.
7. Modify the existing Rec center driveway intersection with Dean Road to provide a three (3) lane cross section.



PROPOSED ACCESS PLAN

DEAN ROAD ELEMENTARY SCHOOL
AUBURN, ALABAMA



AUBURN JUNIOR HIGH SCHOOL

1. Due to building construction the parking areas along the west side of the school campus should be expanded.
2. The temporary drop off/ pick up cul-de-sac located along the rear of the school should be improved and expanded.
3. On the east side, the one-way drop-off/pick-up circle off of Dumas Dr. needs better organization of stacking in the circle.
4. The drop-off/pick-up circle off of Dumas Dr. needs to properly accommodate parallel parking through striping as well as putting a physical obstruction to prevent lefts out of this access.
5. Some type of physical barrier, i.e., bollards, should be installed on the west side of Dumas Dr. adjacent to the sidewalk to prevent parking on the sidewalk.
6. Parallel parking on east side of Dumas Dr. in front of one-way drop-off/pick-up circle creates gridlock on Dumas Dr. during the afternoon peak hour. The majority of the vehicle that were parallel parked on the east side of Dumas Dr. appeared to be faculty/staff to the school. No parking signs on Dumas Dr. should be installed during the afternoon pick-up period. Installing additional faculty/staff parking on campus should also be considered.

 Pick-Up/Drop-Off Area

0' 50' 100'
GRAPHIC SCALE

PROPOSED ACCESS PLAN

AUBURN JUNIOR HIGH SCHOOL
AUBURN, ALABAMA



WRIGHTS MILL ROAD ELEMENTARY SCHOOL

1. The southbound left turn lane should be extended back to the intersection on Wrights Mill Rd.
2. The northbound right turn lane should be extended to the corner on Wrights Mill Rd.
3. The police officer should be retained at the exit.
4. Expand southern parking lot (FUTURE).



PROPOSED ACCESS PLAN

WRIGHTS MILL ELEMENTARY SCHOOL
AUBURN, ALABAMA

FEB. 2006

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