K&W ENGINEERS • CONSULTANTS
213 Granite Run Drive
Lancaster, PA 17601
(717) 735-9531 fax (717) 735-9532
www.kandwengineers.com

MEETING MINUTES

MEETING DATE: April 8, 2010

ISSUANCE DATE: April 12, 2010

SUBJECT: Coatesville Area School District
New South Brandywine Middle School

LOCATION: East Fallowfield Township

ATTENDEES:

NAME	COMPANY	PHONE	E-MAIL
Chris Della Penna, PE	Della Penna Engineering		
John Otten	PennDOT District 6-0	610-205-6571	jotten@state.pa.us
Greg Richardson	Traffic Planning and Design, Inc.	610-326-3100	grichardson@trafficpd.com
Carlos Garcia	Dawood Engineering	610-205-6580	cgarcia@Dawood.cc
Bill Androwick	CASD	717-291-1077	androwickb@coatesville.k12.pa.us
Brian Bingeman, RLA	K&W Engineers	717-735-9531	bbingeman@kandwengineers.com
Pat DeNardo, P.E.	K&W Engineers	717-735-9531	pdenardo@kandwengineers.com

A meeting was called to discuss the traffic review for the new South Brandywine Middle School on the Coatesville Area School District (CASD) campus located on Doe Run Road and Strasburg Road in East Fallowfield Township. The following is a summary of the discussions which occurred at the referenced meeting:

1. Access to State Roadways

- Strasburg Road Access

  In order to prevent trucks leaving the site from driving into the westbound traffic lane of Strasburg Road, it is recommending that the eastern curbing and paving be moved southward with an apron added on the east side of the entrance. Additionally, it is recommended that the curbing offset be increased by two feet on both sides of the entrance onto Strasburg Road. A two foot shoulder should be placed between the curbing and the travel lane. The shoulder on the west side shall extend the entire length of the proposed turn lane.

- Doe Run Road Access

  Turn movements shall be presented utilizing a bus in addition to the previously submitted fire truck diagram. If required, alter entrance design similar to Strasburg Road to prevent buses from crossing over into oncoming traffic lane. Also, verify internal bus / fire truck movements.

2. Stormwater Management

- *30" Drainage Pipe under Doe Run Road – Collects discharge from proposed Basin A*

  The concern with this discharge pipe is the existing erosion on the east side of Doe Run Road. The proposed design decreases the rate of runoff in the 50-year design storm from 55 cfs to 18 cfs. It was agreed that the school district is not responsible for additional improvements to this area due to the proposed improved condition.

- *Drainage at Intersection of Doe Run Road and Strasburg Road*

  K&W presented a new drainage design that improves the drainage leaving the school campus on at the southwest side, of the intersection and conveys it under the intersection to the northeast side, onto East Fallowfield Township property. It was recommended that the design utilized concrete end sections rather than concrete endwalls within the PennDOT ROW. Otherwise, the design was found acceptable.

- *Existing HW along Doe Run Road within State ROW*

  There are two existing headwalls located to the north of the 30" Drainage Pipe mentioned above. These are connected by a 30" CMP that provides drainage underneath the existing southern driveway entrance to the school. To address safety concerns, the School District will demolish the headwalls, cap the pipe ends and backfill.

3. Pedestrian Crossing as Intersection of Doe Run Road and Strasburg Road

- *The pedestrian path / sidewalk is requested by the Township to address movements from the school property to the deli located on the northwest corner of Strasburg and Doe Run Roads as well as access to the Township park. The original design was to cross on the western and northern sides of the intersection. Due to the parking configuration, angle of intersection and accessibility requirements, the design appears to not function. A number of ideas were discussed with the main one being relocating the crossing to the southern and eastern sides of the intersection. After a site visit to the intersection, it was determined the southern and eastern crossing were most appropriate to the site conditions. The ownership of the ROW at the southeast portion of the intersection will require research to determine width of legal right-of-way and the disposition of a municipal right-of-way as shown on the survey drawings. It may be necessary to approach the adjacent property owner for an easement or right-of-way for the geometry to accommodate the accessible design. The discussed layout involves reducing the*

existing paved radii approximately five (5) feet, installing a 2' strip of grass and a walkway connection between the landings. The grass will serve as delineation between the road and pedestrians making this crossing. When resubmitting the plan to PennDOT, K&W will provide inspection form calculations for the crosswalks.

4. Flashing Light Signage

- *The flashing light signage was discussed. The threshold for requiring the signage is at least one walking student. The flashing light signage has an alternate effect – reducing traffic speeds in the vicinity of the school. CASD needs to complete the form in order to submit to PennDOT.*

We believe these minutes accurately reflect the items discussed at this meeting. If there are any revisions or corrections to these minutes, please contact the undersigned within seven (7) days of the issuance date. If no revisions or corrections are required, the minutes will stand as submitted.

Respectfully submitted,

Patrick G. DeNardo, PE
Kurowski and Wilson, LLC

c: Ken Johnson, Gilbert Architects
All Attendees