

TRANSPORTATION UPDATE

Bernie Luger, III
Chief Operating Officer

Consultant's Review - Background

- ▣ PPSD asked MPS, Inc, the consultants who did the review of the transportation operation this past school year, to conduct a follow-up study.
- ▣ MPS was on site from September 30, 2013 to October 2, 2013.
- ▣ Findings were issued on October 25, 2013.

Summary of Findings

- ▣ The consultants determined:
 - Our bus fill rates improved from 70% to 77%.
 - Our average run time is down 1 minute from last year.
 - We have almost no buffer time built into the system; in particular, we are severely constrained in the 3:15 p.m. to 3:45 p.m. region, resulting in many late busses for the 3:31 p.m. dismissal schools.

Summary of Findings, cont.

- ▣ While the bell times were changed, the time between them was not increased as originally recommended.
- ▣ There is not enough time between tiers.
- ▣ Bus routes were not re-engineered. While their original recommendation was not to re-engineer the bus routes if possible, they were also very specific that re-engineering was necessary if the bell times were changed.

Conclusions

- ▣ The consultant advised us that we were running a very constrained system that would respond negatively to virtually any disruption.
 - A small snow storm, an accident, or even unusually heavy traffic could severely affect our ability to transport our students in a timely manner.
- ▣ We need to:
 - Re-engineer Routes
 - Add a limited number of buses.

The consultants have advised that the industry standard for late busses is 2%.

Actions Taken / Planned

- ▣ Transportation Management Reassigned
- ▣ *Edulog* routing specialist with 17 years experience brought in to re-engineer the routes and add buses as necessary.
 - Routing is a six-week process during the summer, when the busses aren't moving.
 - We are rerouting now while the busses are moving; we expect to be done by Thanksgiving.

Changes...So Far

- ▣ Moved 56 buses to earlier departure times.
- ▣ Rerouted the Hopkins buses.
 - Added 1 bus
 - Changes started 11/13/2013.
- ▣ Rerouted the Greene buses.
 - Added 1 bus
 - Changes started 11/18/2013.
- ▣ Rerouting to Stuart and Williams done.
 - Added no buses.
 - Changes start November 25, 2013.
- ▣ These changes solve many of the 2nd tier problems, as well.

Changes....to Come

- ▣ Delsesto
- ▣ Fortes/Lima
- ▣ Kennedy
- ▣ Bishop
- ▣ Lauro

These changes should be accomplished by
Thanksgiving.

Data

- ▣ See the attached graphs.
- ▣ Late arrivals are approaching 2% in the morning and late busses in the afternoon are improving.

Questions?

◀ Oct 2013		~ November 2013 ~					Dec 2013 ▶	
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Weekly Total	
					AM bus runs late=11 =8% PM bus runs late=11 =8%	2	AM TOTAL=11 8% PM TOTAL=11 8%	
3	4 AM bus runs late=10 =7% PM bus runs late=12 =9%	5 AM bus runs late=7 =5% PM bus runs late=11 =8%	6 AM bus runs late=7 =5% PM bus runs late=13 =10%	7 AM bus runs late=8 =6% PM bus runs late=15 =11%	8 AM bus runs late=8 =6% PM bus runs late=9 =7%	9	AM TOTAL=40 6% PM TOTAL=60 9%	
10	11 Veterans Day	12 AM bus runs late=9 =7% PM bus runs late=6 =4%	13 AM bus runs late=6 =4% PM bus runs late=14 =10%	14 AM bus runs late=5 =3% PM bus runs late=12 =9%	15 AM bus runs late=4 =3% PM bus runs late=7 =5%	16	AM TOTAL=24 4% PM TOTAL=39 7%	
17	18 AM bus runs late=8 =6% PM bus runs late=14 =10%	19 AM bus runs late=4 =3% PM bus runs late=12 =9%	20 AM bus runs late=3 =2%	21	22	23	AM TOTAL=15 4% PM TOTAL=26 9%	
24	25	26	27	28	29	30	AM TOTAL PM TOTAL	

