

Prospect Park Drives Closure

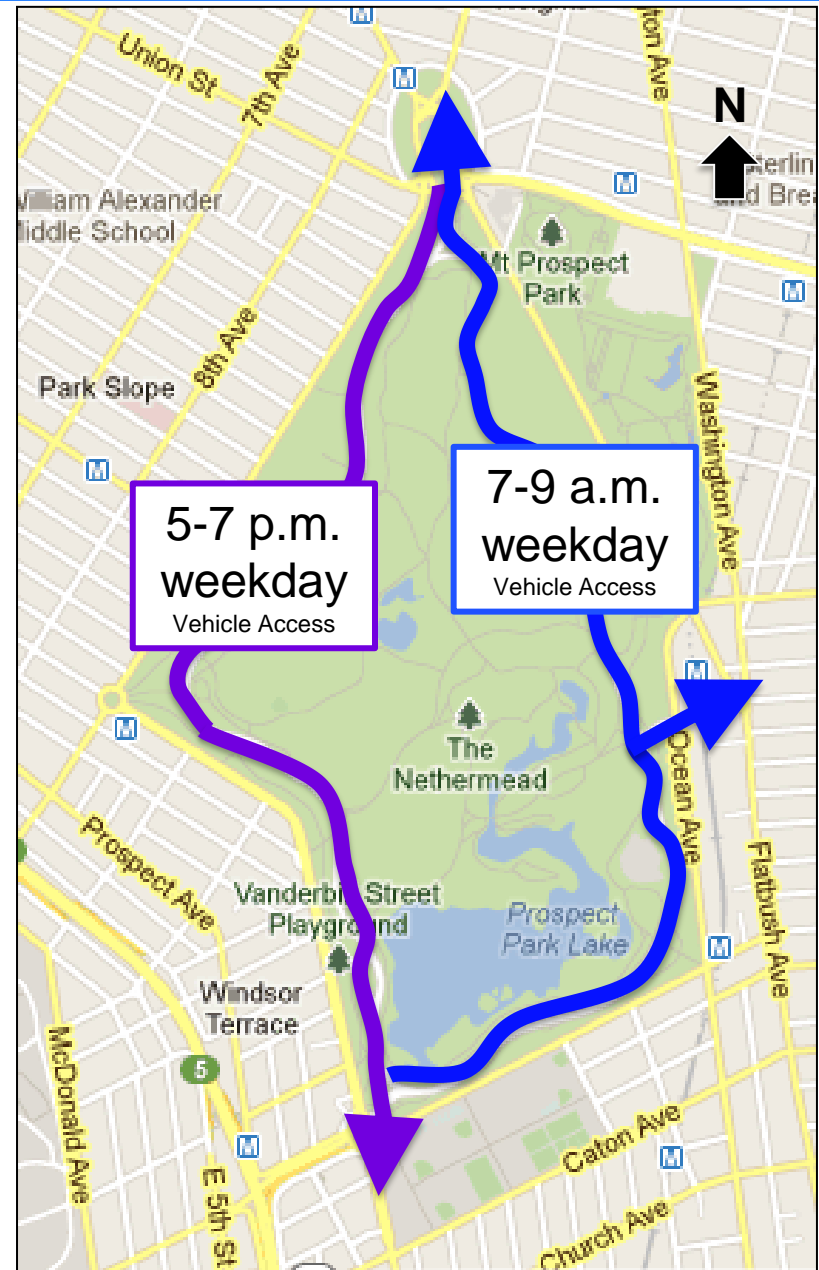
Information & Alternatives Analysis

Spring
2015



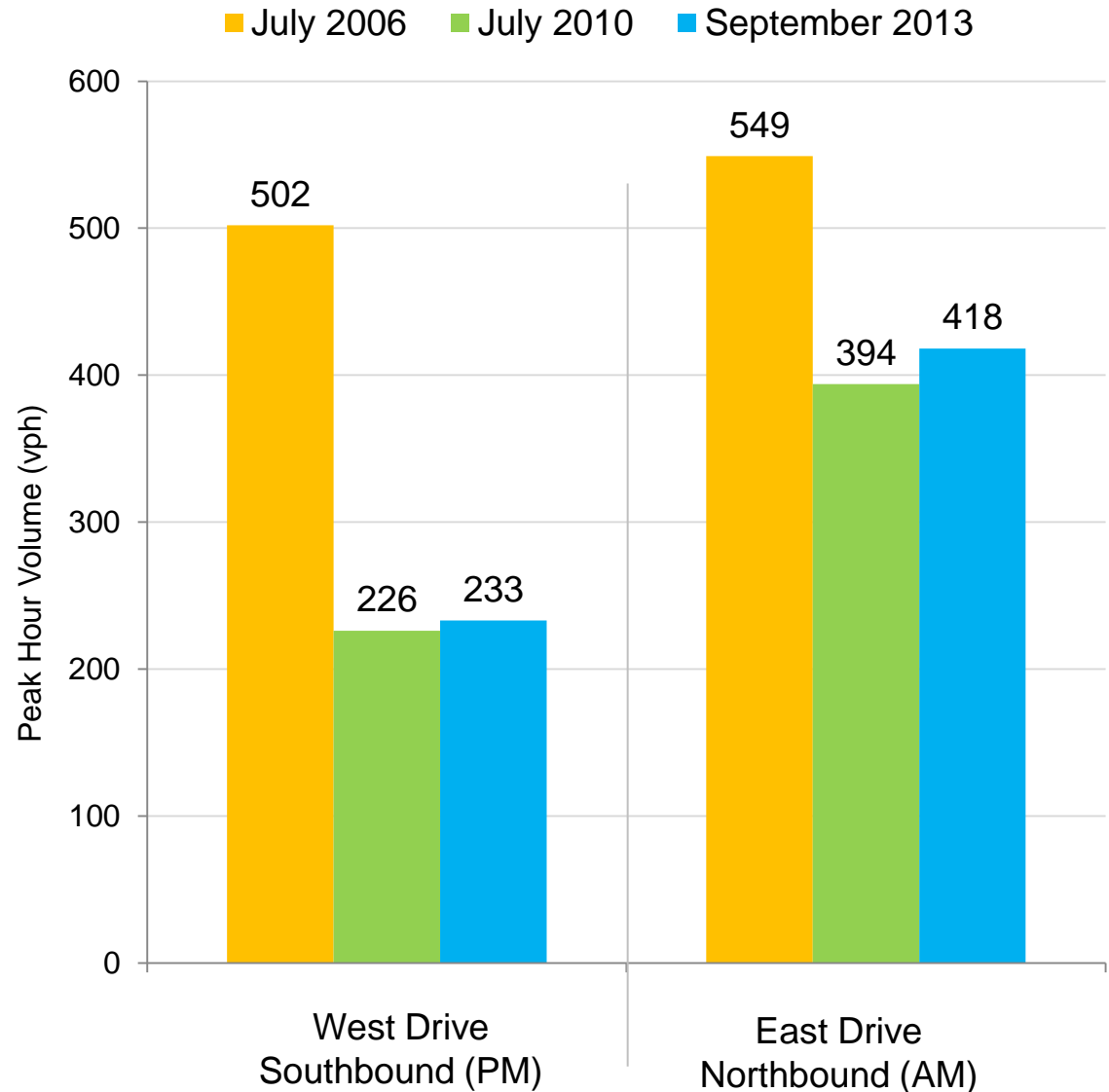
Park Drives: Existing Traffic Management

- **West Drive** (Southbound) is open to motor vehicles: Monday through Friday (except holidays), 5–7 p.m.
- **East Drive** (Northbound) is open to motor vehicles: Monday through Friday (except holidays), 7–9 a.m.
- The Park Drive is closed to motorists at all other times



Declining Motor Vehicle Traffic in Park

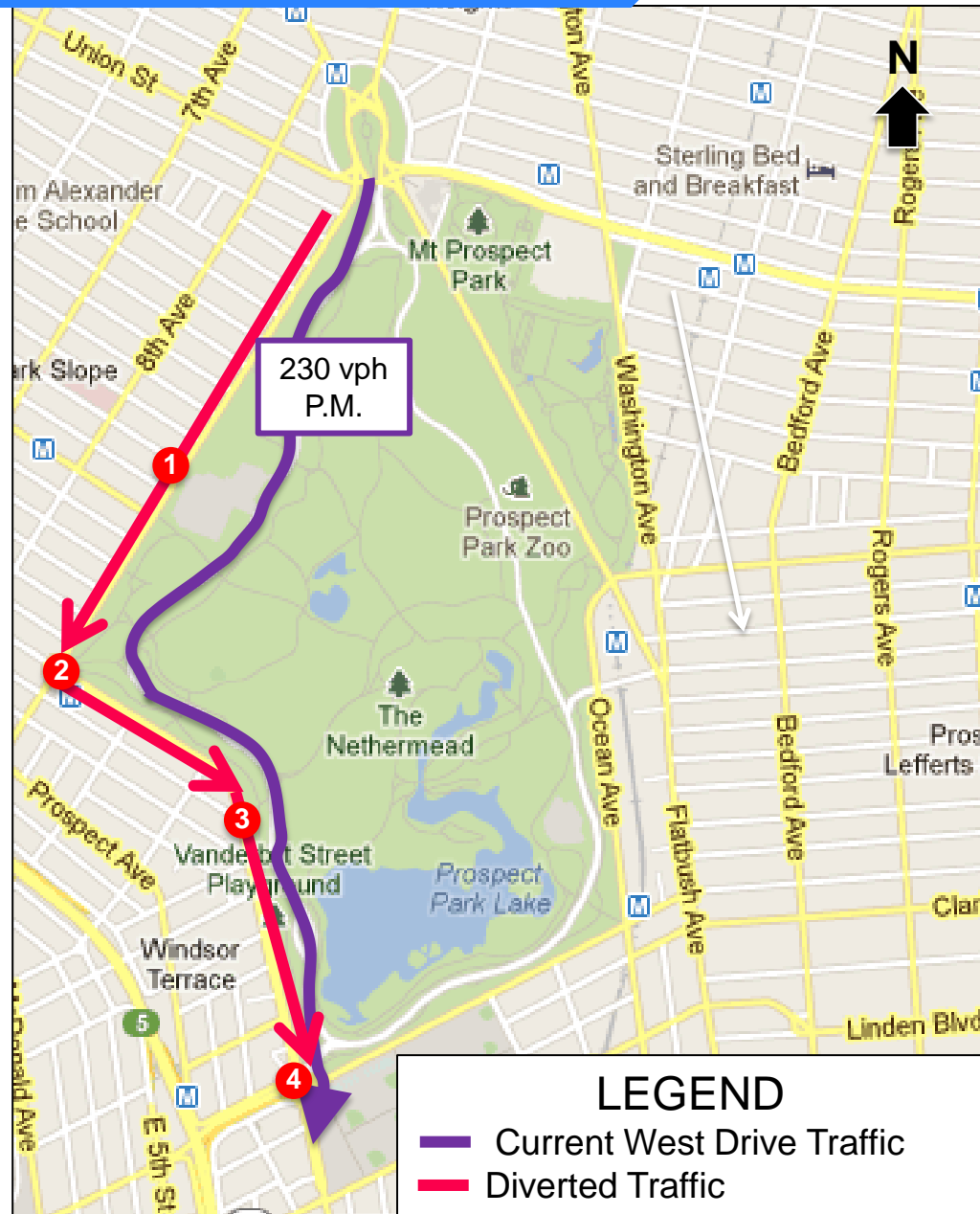
- Motor vehicle volumes on Park Drives have declined significantly since 2006



Volume is the peak hour during the AM (7-9 am) and PM (5-7 pm) periods when drives are open to motor vehicles.

Assessment: West Drive (Southbound)

- P.M. Peak 230 vph diverted
- Diverted traffic will be accommodated with minor signal timing changes
 1. Prospect Park West
 - Has the capacity to accommodate diverted traffic (from ~1,000/hr to 1,200/hr in two lanes)
 2. Bartel Pritchard Circle
 - Minor reallocation of green time to handle extra traffic around the circle
 3. Prospect Park Southwest
 - Minor reallocation of green time to handle extra traffic
 4. Park Circle
 - West drive exit would no longer need to be signalized
 - Green time reallocation to Prospect Park Southwest leg



Assessment: East Drive (Northbound)

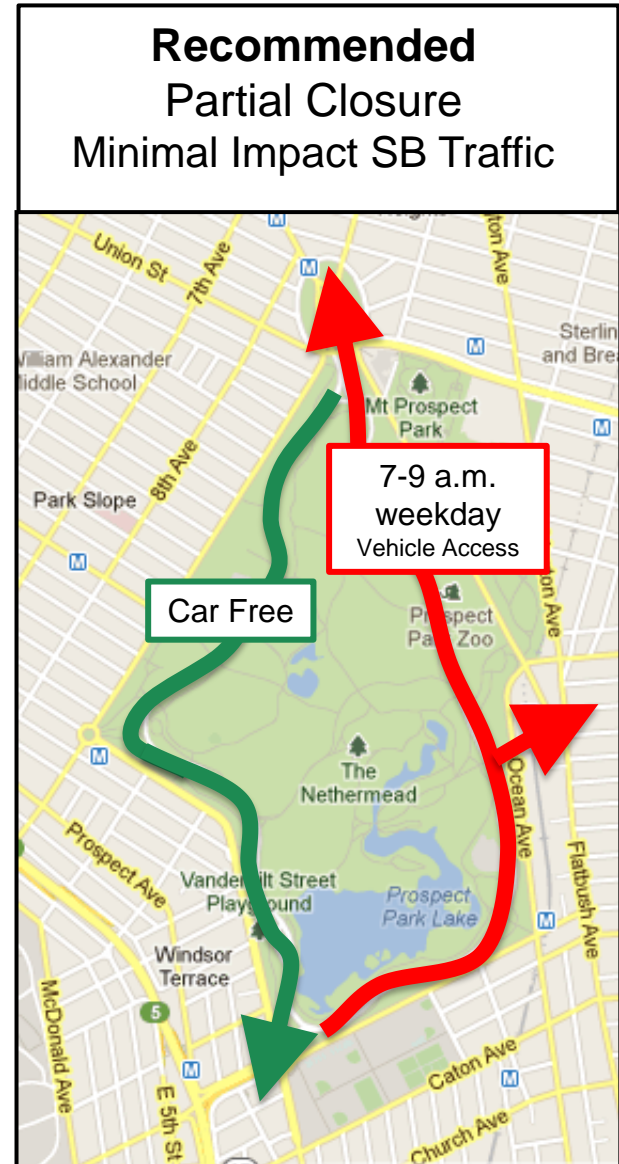
- A.M. Peak 420 vph diverted
- Adjacent roadways are high crash with high volumes of pedestrians and transit use (5 bus lines, 1 limited)
- Diverted traffic causes unacceptable operations on neighborhood streets with minimal ability to improve
- Diversion causes additional left-turn conflicts with pedestrians
 1. Parkside Ave & Ocean Ave
 2. Parkside Ave & Flatbush Ave
 3. Ocean Ave & Flatbush Ave
 4. Empire Blvd & Washington Ave



Recommendation

Partial Closure-West Drive closed & East Drive remains open

- Large benefit to park users
- Eliminates dangerous condition where pedestrians, bicyclists and motorists share the West Drive during dark hours (5-7pm) for approx. half the year
- Minimal added delay if minor signal timing adjustments are made





Questions?

Thank
You