

Bronx Five

5 most dangerous intersections
for children in the Bronx

Tasks

1. Choose five worst intersections for child pedestrians in the Bronx
2. Propose short, medium and long term solutions
3. Consult with community and submit to Department of Transportation

Task One

- Choose Five Intersections
 - Number of children (age 14 and under) killed or injured by vehicles
 - Intersections where changes might be possible
 - Not part of larger study
 - Geographically dispersed

Child Fatalities

<u>#</u>	<u>Intersection</u>
2	Grand Concourse & East 167th Street
2	Grand Concourse & East 166th Street
2	University Avenue (MLK Boulevard) & West 181st Street (Hall of Fame Terrace)
2	Pelham Parkway South & Neill (Wilson) Avenue

Child Injuries I

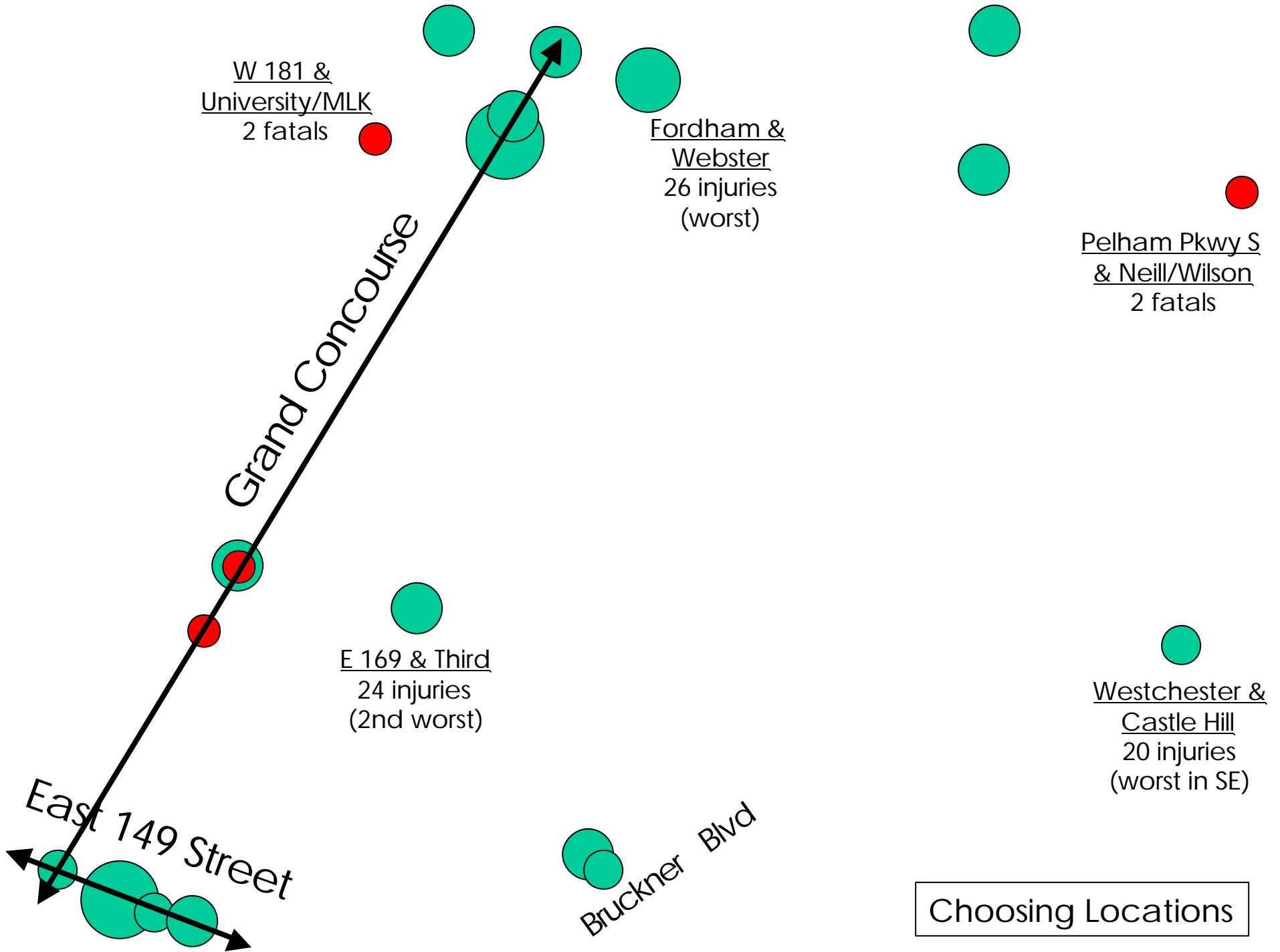
<u>#</u>	<u>Intersection</u>
33	Grand Concourse & East 183rd Street
33	Morris Avenue & East 149th Street
26	Webster Avenue & East Fordham Road
24	Grand Concourse & East Fordham Road
24	Third Avenue & East 169th Street
23	Grand Concourse & East 184th Street
23	Grand Concourse & East 167th Street

Child Injuries II

<u>#</u>	<u>Intersection</u>
22	Third Avenue & East 149th Street
22	University Avenue (MLK Blvd) & West Fordham Road
22	Southern Boulevard & Hunts Point Avenue & East 163rd Street
22	White Plains Road & Allerton Avenue
21	White Plains Road & Pelham Parkway North

Child Injuries III

<u>#</u>	<u>Intersection</u>
20	Courtland Avenue & East 149th Street
20	Grand Concourse & East 149th Street
20	Bruckner Boulevard / Hunts Point Avenue
20	Castle Hill Avenue / Westchester Avenue



Choosing Locations

Five Intersections

University Avenue (MLK Boulevard) &

West 181st Street (Hall of Fame Terrace)

Pelham Parkway South & Neill (Wilson) Avenue

Webster Avenue & East Fordham Road

Third Avenue & East 169th Street

Castle Hill Avenue / Westchester Avenue

Task Two

- Propose short, medium and long term solutions

Tools used

- Accurate Base Drawings
 - to ensure actions are feasible
- Conflict-analysis
 - to observe and understand issues
- Spot Speed Surveys
- Time-lapse Photography

Other Info Needed

- Crash Diagrams
- Complete Speed Surveys
- Pedestrian Route Analysis
- Volume Surveys
- Costs

Traffic Calming Principles

- Speed
- Pedestrian Crossing Time/Distance
- Driver Discipline
- 24/7

Task Three

- Consult with community for comment and consideration
- Submit to DOT