BICYCLE AND/OR PEDESTRIAN AUDIT ACTION
Sustainable Jersey - 5 Points

Princeton, NJ
New Providence, NJ
Jamesburg, NJ
South Orange, NJ
Edison, NJ
Significance of Bicycling & Walking

- Viable transportation option
- Improved health & quality of life
- Economic vitality
- Reduction in traffic congestion & air pollution
- Reduction in dependence on automobiles

Purpose of Bicycle and/or Pedestrian Audit

- Address pedestrian & bicycling safety
- Identify safe, comfortable, accessible & welcoming bicyclist/pedestrian environment
- Understand challenges & opportunities for future planning, design & construction
- Provide benchmark for judging future success

Sustainable Jersey: Bicycle & Pedestrian Audit [5 Points]
Leadership & Involvement

- Municipal Staff - Engineer, Planner, Public Works, Police Department
- Community members (parents, student, seniors, etc.)
- State & County Planners & Engineers
- School Administration & Staff
- Bicycle or pedestrian advocacy group(s)
- Environmental Commission
- Health or Recreation Committee
- School Committee/Parent Organization(s)
- Transportation Management Association

Sustainable Jersey: Bicycle &/or Pedestrian Audit [5 Points]
Timeline for Bike or Pedestrian Audit Completion

The time required to complete the audit depends on a number of factors such as:

- Municipality’s transportation network
- Entity conducting the assessment (volunteers, municipal staff or consultants)
- Methodology used to conduct the assessment
Project Cost & Resource Requirement

The cost of a bike or pedestrian audit can vary, depending on the following factors:

- Entity conducting the audit
- Methodology used for conducting the assessment
- Community participation
- Inventory facilities for walking and bicycling
Importance of Bike or Pedestrian Audit

- Assess existing conditions that measure safety & desirability of using the routes.
- Identify barriers & opportunities for walking & bicycling which can be more than infrastructure such as plans, policies, ordinances, etc.
- Prioritize improvements to create walkable and bikeable communities.
Bicycle and/or Pedestrian Audit Requirements:

The Bike or Pedestrian Audit must include the following components to earn 5 points:

1. Survey of existing infrastructure conditions – (the audit)
2. Description of opportunities & constraints (gaps & barriers)

Note: The Bike/Pedestrian Audit must be no more than 5 years at time of submission.
Guidance & Recommendations

- Survey existing infrastructure conditions.
- Identify opportunities & constraints.
- Review & summarize related documents to determine how bike or pedestrian audit fits into broader planning context.
- Map/list & describe existing land use patterns, including major bicycle & walking trip generators & attractors.
- Perform public feedback & community engagement.
Submission Documentation Requirements for Sustainable Jersey

1. Bicycle and/or Pedestrian Audit including the following components:
   a) Survey of existing infrastructure conditions (the audit)
      e.g. photos with descriptions, maps, etc.
   b) Description of opportunities & constraints (gaps & barriers)

2. Short narrative (300 word max) about what was accomplished & steps taken.
Quick Tips for Pedestrian/Bike Audit

* The Bike & /or Pedestrian Audit must not be more than 5 years old.
* Take plenty of photos and show context of the issues.
* Examples of opportunities and barriers can be found on http://www.saferoutesnj.org/resources/stp/barriers-and-opportunities/
Resources

- Walkable Community Workshops - North Jersey Transportation Planning Authority (NJTPA).
  http://www.njtpa.org/Plan/Element/BikePed/walkable.aspx
- Walk/Bike Assessments – NJ Safe Routes to School.
  http://www.saferoutesnj.org/resources/ssp/walkbike-assessments/
- Road Safety Assessments – Rutgers Center for Advanced Infrastructure & Transportation.
  http://cait.rutgers.edu/tsrc/audits
  http://apply.bikeleague.org/member.php?act=register&categoryId=34
- Walk Friendly Communities Assessment Tool - Pedestrian & Bicycle Information Center.
  http://www.walkfriendly.org/index.cfm
- Web-based Mapping Programs
- Community Walk.
  http://www.communitywalk.com/
- ESRI Mapping for Everyone.
  http://www.esri.com/software/mapping-for-everyone
- ArcGIS App for Smartphones & Tablets.
  http://www.esri.com/software/arcgis/smартphones/app.html
- Google Maps & Google Earth.
  http://earth.google.com/outreach/index.html

Sustainable Jersey: Bicycle & Pedestrian Audit [5 Points]