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APPENDIX A LIST OF ACRONYMS

AASHTO	American Association of State Highway & Transportation Officials
ADA	Americans with Disabilities Act
B/P	Bicycling (or Bicyclist) and Pedestrian
DMV	Department of Motor Vehicles
DOH	Department of Health
DOS	Department of State
DOT	Department of Transportation
DPW	Department of Public Works
DSP	Department of State Police
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
GTSC	Governor's Traffic Safety Council
ISTEA	Intermodal Surface Transportation Efficiency Act
ITE	Institute of Transportation Engineers
MUTCD	Manual of Uniform Traffic Control Devices
MPO	Metropolitan Planning Organization
NEPA	National Environmental Policy Act
NHS	National Highway System
NYBC	New York Bicycling Coalition
OPRHP	Office of Parks, Recreation and Historic Preservation
SCORP	State Comprehensive Outdoor Resources Plan
SEQRA	State Environmental Quality Review
STIP	Statewide Transportation Improvement Plan
TE	Transportation Enhancements
TEA-21	Transportation Equity Act for the 21st Century
TIP	Transportation Improvements Plan
	New York Metropolitan Planning Organizations (MPO's)
A/GFTC	Adirondack & Glens Falls Transportation Council
BMTS	Binghamton Metropolitan Transportation Study
CDTC	Capital District Transportation Committee
ETCCC	Executive Transportation Committee for Chemung County
GTC	Genesee Transportation Council
GBNRTC	Greater Buffalo & Niagara Transportation Council
HOCTS	Herkimer & Oneida Counties Transportation Study
ITCTC	Ithaca & Tompkins County Transportation Council
N-OCTC	Newburgh & Orange Transportation Council
NYMTC	New York Metropolitan Transportation Council
PDCTC	Poughkeepsie & Dutchess County Transportation Council
SMTC	Syracuse Metropolitan Transportation Council
	NYS Office of Parks, Recreation and Historic Preservation (OPRHP) Regions

A	Allegany
AP	Adirondack Park
CP	Catskill Park
C	Central
FL	Finger Lakes
G	Genesee
LI	Long Island
N	Niagara
NYC	New York City
P	Palisades
SCD	Saratoga/Capital District
T	Taconic
TIR	Thousand Islands Region

APPENDIX B

NYS AGENCIES LISTED BY COUNTY

(Most NYS Agencies are identified by county or regional office.)

DOH: Department of Health

DOT: Department of Transportation

DEC: Department of Environmental Conservation

MPO: Metropolitan Planning Organization

OPRHP: Office of Parks, Recreation and Historic Preservation

COUNTY	NYS DOT REGION	MPO REGION	NYS DEC	NYS OPRHP REGION	NYS DOH HEALTHY HEART PROGRAM
Albany	1	CDTC	4	SCD	Yes
Allegany	6		9	A	
Broome	9	BMTS	7	C	Yes
Bronx	11	NYMTC	2	NYC	Yes
Cattaraugus	5		9	A	Yes
Cayuga	3		7	FL	Yes
Chautauqua	5		9	A	
Chemung	6	ETCCC	8	FL	Yes
Chenango	9		7	C	Yes
Clinton	7		5	TIR & AP	Yes
Columbia	8		4	T	
Cortland	3		7	C	Yes
Delaware	9		4	C	Yes
Dutchess	8	PDCTC	3	T	
Erie	5	GBNRTC	9	N	Yes
Essex	1		5	AP	
Franklin	7		5	TIR & AP	Yes
Fulton	2		5	AP & SCD	
Genesee	4		8	G	Yes
Greene	1		4	SCD & CP	
Hamilton	2		5	AP	
Herkimer	2	HOCTS	6	AP & C	
Jefferson	7		6	TIR	
Kings (Brooklyn)	11	NYMTC	2	NYC	Yes
Lewis	7		6	TIR & AP	
Livingston	4		8	G	
Madison	2		7	C	Yes
Monroe	4	GTC	8	G	Yes
Montgomery	2		4	SCD	Yes
Nassau	10	NYMTC	1	LI	Yes

COUNTY	NYS DOT REGION	MPO REGION	NYS DEC	NYS OPRHP REGION	NYS DOH HEALTHY HEART PROGRAM
New York (Manhattan)	11	NYMTC	2	NYC	Yes
Niagara	5	GBNRTC	9	N	Yes
Oneida	2	HOCTS	6	AP & C	Yes
Onondaga	3	SMTC	7	C	Yes
Ontario	4		8	FL	
Orange	8	N-OCTC	3	P	
Orleans	4		8	G	
Oswego	3		7	C	
Otsego	9		4	C	
Putnam	8		3	T	
Queens	11	NYMTC	2	NYC	Yes
Rensselaer	1	CDTC	4	SCD	
Richmond (Staten Island)	11	NYMTC	2	NYC	Yes
Rockland	8	NYMTC	3	P	Yes
St. Lawrence	7		6	TIR & AP	
Saratoga and CDTC	1	A/GFTC	5	AP & SCD	
Schenectady	1	CDTC	4	SCD	Yes
Schoharie	9		4	SCD	
Schuyler	6		8	FL	
Seneca	3		8	FL	
Steuben	6		8	FL	Yes
Suffolk	10	NYMTC	1	LI	Yes
Sullivan	9		3	CP & P	Yes
Tioga	6		7	FL	
Tompkins	3	ITCTC	7	FL	
Ulster	8		3	CP & P	Yes
Warren	1	A/GFTC	5	AP & SCD	Yes
Washington	1	A/GFTC	5	AP	
Wayne	4		8	FL	
Westchester	8	NYMTC	3	T	Yes
Wyoming	4		9	G	Yes
Yates	6		8	FL	

A = Allegany
 AP = Adirondack Park
 CP = Catskill Park
 C = Central
 FL = Finger Lakes
 G = Genesee
 LI = Long Island

N = Niagara
 NYC = New York City
 P = Palisades
 SCD = Saratoga / Capital District
 T = Taconic
 TIR = Thousand Islands Region

APPENDIX C

FUNDING SOURCES FOR BICYCLING AND PEDESTRIAN PROJECTS

This list covers the major funding programs, but is not exhaustive. It is meant as a starting point. Check local government programs and new state and federal programs as well. Private sources, such as local land developers, may also be able to provide some funding for your project.

DOT

ISTEA/TEA-21

OPRHP

Recreational Trails Grant (FHWA)

Land and Water Conservation Fund (Department of the Interior)

Municipal Parks Matching Grant Program (EPF & Clean Water / Clean Air Bond Act)

DOH

Healthy Neighborhoods Program

MPO

ISTEA / TIPS

Greenway Conservancy for the Hudson River Valley:

Greenway Small Grants Program

Greenway Trail System Program

NYS Canal Corporation:

Matching Grants Program

Empire State Development:

Economic Development Fund

Urban Community Development Program (UCDP)

Metropolitan Economic Revitalization Fund (MERF)

APPENDIX D

AN ANALYSIS OF AVAILABLE BICYCLE AND PEDESTRIAN ACCIDENT DATA IN NEW YORK STATE

By Richard Brustman

For a complete copy of this report you can download a PDF file from www.nybc.net

KEY FINDINGS

- B/P Traffic Accidents pose a considerably bigger societal problem than most people assume. While such accidents are 1% of all reported traffic accidents, their detrimental effects are disproportionately larger because:

Each B/P Accident is more serious:

- B/P accidents are 16% of all reported serious traffic injuries
- B/P accidents are 30% of all reported traffic fatalities.

B/P Traffic Accidents affect the very young and elderly:

- Small children and young adults are chief bicycling accident victims.
- Small children and very elderly are chief pedestrian victims.

B/P Accidents have greater economic impacts:

- A bicyclist fatality averages ten years more loss in productive life than other traffic fatalities; and
- B/P injuries on average are more serious, incurring higher medical costs.

B/P Accidents are underreported:

- Bicyclist-only accidents do not involve auto insurance claims, removing a filing incentive.
- One-third of bicycling accident hospitalization cases are not in traffic accident databases.

While New York City has more B/P accidents than the balance of NYS, accident severity is more serious on Long Island and Upstate:

- Counties outside NYC have 30% of all pedestrian accidents, but have 50% of the fatalities.
- Similarly, they have 45% of all bicycling accidents, but 60% of the fatalities.

Systems for Collecting B/P accident data are fairly good, but issues remain:

- Underreporting of bicycling accidents, compared to motor vehicle accidents occurs due to differences in accident definitions, in reporting criteria, and in public awareness of reporting requirements.
- Not all collected data is processed and so does not become available for analysis.
- Routine B/P accident analyses and surveillance's are few and limited in scope.

Simple improvements to data systems are administratively and financially possible:

- Recommended remedial actions are within the existing administrative authorities of overseeing state agencies.
- Programs in TEA-21 (the principal federal transportation legislation) mean to encourage safety data systems improvement and offer financial assistance to states for system upgrades.

APPENDIX E RECOMMENDED PUBLICATIONS

Many of these publications are available from the agency or organization website.

A Policy on Geometric Design of Highways and Streets. 1994
American Association of State Highway and Transportation Officials (AASHTO)

This is the often referred to as "The Green Book."

www.aashto.org

Bicycle and Pedestrian related laws (Share the Road & Vehicle Laws)

www.dot.state.ny.us/progs/bike/share.html

Guide to Bicycle Advocacy.

Bikes Belong Coalition

www.bikesbelong.org

Design and Implementation of Bicycle Networks & Facilities

DOT

www.dot.gov

Guide for the Development of Bicycle Facilities (1999)

American Association of State Highway and Transportation Officials

Establishes minimum requirements for design and construction of bicycle facilities on Department projects. This is consistent with the provisions of 23 CFR 652.13 which establishes the AASHTO Guide as FHWA's standards for construction and design of bicycle facilities.

www.aashto.org

Highway Design Manual (2000 Edition, Contains Revisions 1 - 36)

NYS DOT Design Division

Implementing Bicycle Improvements at the Local Level (1999)

Institute of Transportation Engineers (ITE)

www.ite.org

National Strategies for Advancing Bicycle Safety: A Call to Action (2001)

National Bicycle Safety Network

www.cdc.gov/ncipc/bike/

Oregon Bicycle and Pedestrian Plan: An Element of the Oregon Transportation Plan (1995)

Oregon Department of Transportation (OR DOT)

Selecting Roadway Design Treatments to Accommodate Bicycles

(Publication No. FHWA-RD-92-073)

FHWA

Provides guidance about the types and recommended widths of typical on-road bicycle facilities that may be constructed to address needs identified in project Design Approval Documents. Available for \$35 from www.ite.org

The Americans with Disabilities Act Accessibility

Guidelines for Building and Facilities (ADAAG) (1993)

Landscape Architecture Bureau, NYS DOT

NYS DOT standards used for the design and construction of all pedestrian facilities in all Department projects.

**State of New York Local Government Handbook, 5th Edition, January 2000
NYS DOS**

www.dos.state.ny.us/lgss/list9.html

Traffic Calming: State of the Practice. Institute of Traffic Engineers.

www.trafficcalming.org

**The New York State Bicycle and Pedestrian Plan, an Appendix to "The Next Generation. . .
Transportation Choices For The 21st Century" (1997)**

NYS DOT Statewide Pedestrian & Bicycle Program

Order a copy by calling 518-457-8307.

APPENDIX F SAMPLE VERBAL DESCRIPTION REPORT

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PROG ID: CLASS4200                                NYSNOT-SAPPTV INFORMATION MANAGEMENT SYSTEM
                                                ACCIDENT VERBAL DESCRIPTION REPORT
                                                **** NDRR ACCIDENTS ONLY ****
                                                DATE: 12/06/00 14:27
                                                PAGE: 1
Hgn/Cnty: J.J. ALBANY                            Municipality: J.J. ALBANY
Node: 50121 DELAWARE AVE LARK ST
*** Node: 50121 MADISON AVE US20 US9W ***
SEP 23 1994 FRI NON-REPORTABLE                 Case: 1994 4588830
CCT-03-1994 MON 06AM Persons Killed: 0 Persons Injured: 1 Property Damage Only: N Num of Veh: 2 Case: 1994-460476
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NOT REPORTED
Manner of Collision: RRAR FND Weather: OTHER
Road Surface Condition: OTHER Road Char.: NOT REPORTED Light Condition: NOT REPORTED
Veh: 1 CAR/VAN/PICKUP Direction of Travel: NOT REPORTED Driver's Age: 18
Pre-Accd Action: STOPPED IN TRAFFIC
Apparent Factors: NONE
Veh: 2 CAR/VAN/PICKUP Direction of Travel: NOT REPORTED Driver's Age: 49
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NONE
NOV-02-1994 WED 10AM Persons Killed: 0 Persons Injured: 3 Property Damage Only: Y Num of Veh: 2 Case: 1994-4662783
Type of Accident: COLLISION WITH MOTOR VEHICLE Traffic Control: NOT REPORTED
Manner of Collision: LEFT TURN (AGAINST OTHER CAR) Weather: RAIN
Road Surface Condition: WET Road Char.: NOT REPORTED Light Condition: DAYLIGHT
Veh: 1 TRUCK Direction of Travel: NORTH-WEST Driver's Age: 37
Pre-Accd Action: MAKING LEFT TURN
Apparent Factors: DRIVER INATTENTION FAILURE TO YIELD RIGHT OF WAY
Truck/Bus Clsif.: NOT REPORTED
Veh: 2 CAR/VAN/PICKUP Direction of Travel: SOUTH Driver's Age: 22
Pre-Accd Action: GOING STRAIGHT AHEAD
Apparent Factors: NONE
NOV-07-1994 MON NON-REPORTABLE                 Case: 1994-4668828
    
```



CITIZEN'S SITE SURVEY

OBSERVER: _____

Date _____

Time of Day _____ Weather _____

MUNICIPALITY

County _____

City _____

Village _____

Town _____

LOCATION

Principal Street _____

Intersecting Street(s) _____

Reason for Selection _____

SKETCH						
N						

INTERSECTION CHARACTER

Area Type _____

Street Types/Lanes _____

Alignment _____

Pavement Condition _____

PHOTOS

Roll _____ Frame(s) _____

TRAFFIC CONTROL:

Signals _____

Signs _____

Markings _____

Other _____

Significant Parking/Turning Restrictions _____

TRAFFIC FLOW/BEHAVIOR:

Motor Vehicles _____

Pedestrians _____

Bicycles _____

Apparent Violations/Conflicts _____

OTHER FEATURES:

Lighting _____

Transit Facilities _____

Parking _____

Bicycle Facilities _____

Driveways _____

Sidewalks _____

Other Features Worth Noting _____

NOTES

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