Shape File Name	*Airports_LackLuz*
Description	*Lackawanna and Luzerne County airport locations*
Narrative:	
	This shape file contains the point locations of regional and general aviation airports in Lackawanna and Luzerne Counties.
Parent Shape File	*Padot_pub_airport_2002*
Source	*PA Department of Transportation (PennDOT) via the PA State Data Center Web Site (www.pasda.psu.edu)*
Type	*Point*
# of Features	*4*
Projection	*GCS_Assumed_Geographic_1*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*02/22/2008*

Field Name	Description	Source
FACNAME	Facility name	*Padot_pub_airport_2002*
OWNER	Owner's name	*Padot_pub_airport_2002*
CONTACTPER	Contact person	*Padot_pub_airport_2002*
OWNRADD	Owner's address	*Padot_pub_airport_2002*
OWNRADD1	Owner's address 1	*Padot_pub_airport_2002*
OWNRCITY	Owner's city	*Padot_pub_airport_2002*
OWNRST	Owner's state	*Padot_pub_airport_2002*
OWNRZIP	Owner's zip code	*Padot_pub_airport_2002*
OWNRPHONE	Owner's phone number	*Padot_pub_airport_2002*
FACTYPE	Facility Type	*Padot_pub_airport_2002*
SUBTYPE	Facility Sub-Type	*Padot_pub_airport_2002*
RATINGCAT	Rating Category	*Padot_pub_airport_2002*
OWNERSHIP	Ownership (public or private)	*Padot_pub_airport_2002*
COUNTY	County where facility is located	*Padot_pub_airport_2002*
ASSOCCITY	Associated city of the facility	*Padot_pub_airport_2002*
LAT_DMS	Airport Latitude (degrees, minutes, seconds)	*Padot_pub_airport_2002*
LON_DMS	Airport Longitude (degrees, minutes, seconds)	*Padot_pub_airport_2002*
LOCID	Location ID	*Padot_pub_airport_2002*
FAASITE	Federal Aviation Administration Site	*Padot_pub_airport_2002*
LICNUM	License Number	*Padot_pub_airport_2002*
LIGHTS	Light Indicator	*Padot_pub_airport_2002*
FUEL	Fuel Indicator	*Padot_pub_airport_2002*

Field Name	Description	Source
SINGLEENG	Single-Engine Aircraft	*Padot_pub_airport_2002*
MULTIENG	Multi-Engine Aircraft	*Padot_pub_airport_2002*
JET	Jet Aircraft	*Padot_pub_airport_2002*
HEL	Helicopters	*Padot_pub_airport_2002*
GLIDER	Gliders	*Padot_pub_airport_2002*
ULTRALGT	Ultra-Light Gliders	*Padot_pub_airport_2002*
MILITARY	Military Aircraft	*Padot_pub_airport_2002*
CONTROLTWR	Control Tower Indicator	*Padot_pub_airport_2002*
AIRCARRIER	Air Carrier Flights	*Padot_pub_airport_2002*
COMMUTER	Commuter Flights	*Padot_pub_airport_2002*
AIRTAXI	Air Taxi Flights	*Padot_pub_airport_2002*
GALOCAL	General Aviation Local Flights	*Padot_pub_airport_2002*
MILITARY_O	Military Flights	*Padot_pub_airport_2002*
GA_ITIN	General Aviation Itinerary Flights	*Padot_pub_airport_2002*
TOTALOPER	Total Operating Flights	*Padot_pub_airport_2002*
RUNWAYID	Runway ID	*Padot_pub_airport_2002*
LENGTH	Runway Length	*Padot_pub_airport_2002*
WIDTH	Runway Width	*Padot_pub_airport_2002*
SURFTYPEC	Runway Surface Type	*Padot_pub_airport_2002*
SURFTREAT	Runway Surface Treatment	*Padot_pub_airport_2002*
FAR77RW		*Padot_pub_airport_2002*
LAT_DD	Airport Latitude (decimal degrees)	*Padot_pub_airport_2002*
LON_DD	Airport Longitude (decimal degrees)	*Padot_pub_airport_2002*

Shape File Name	*COLTS_ServiceArea*
Description	*County of Lackawanna Transit System (COLTS) Service Area*

Narrative:

*The County of Lackawanna Transit System (COLTS) Service Area was estimated assuming a ¼-mile (1320 foot) buffer around the COLTS Transit Routes, as given in the COLTS Transit Routes shape file. Schedule and Hours of Operation information was coded into this shape file based on information provided by COLTS on their web page (*http://www.coltsbus.com/), as of May 2008. *Transit "Quality-of-Service" was determined based on HEADWAY and the total daily hours of operation, according to the criteria in the Transit Capacity and Quality of Service Manual, 2003 Edition, Chapter 3.*

Parent Shape File	*<< None >>*
Source	*County of Lackawanna Transit System Website; McCormick Taylor*
Type	*Line*
# of Features	*22*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*County of Lackawanna Transit System Service Area*
Data Date	*05/22/2009*

Field Name	Description	Source
ROUTENAME	Route Name	*<< CREATED >>*
NOTES	Notes	*<< CREATED >>*
HEADWAY	Average Bus Headway – Weekday	*<< CREATED >>*
START	Start Time – Weekday (24-hour format)	*<< CREATED >>*
END	End Time – Weekday (24-hour format)	*<< CREATED >>*
QOS	Quality of Service – As estimated using the Transit Capacity and Quality of Service Manual, 2003 Edition, Chapter 3	*<< CREATED >>*
BUFF_DIST	Buffer Distance – ¼-mile (1320 feet)	*<< CREATED >>*

Shape File Name	*COLTS_TransitRoutes*
Description	*County of Lackawanna Transit System (COLTS) Bus Routes*

Narrative:

The County of Lackawanna Transit System (COLTS) Transit Routes were coded into this shape file based on the route, schedule, and hours of operation information provided by COLTS on their web page (http://www.coltsbus.com/), as of May 2008. Transit "Quality-of-Service" was determined based on HEADWAY and the total daily hours of operation, according to the criteria in the Transit Capacity and Quality of Service Manual, 2003 Edition, Chapter 3.

Parent Shape File	<< *None* >>
Source	*County of Lackawanna Transit System Website; McCormick Taylor*
Type	*Line*
# of Features	*22*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*County of Lackawanna Transit System Service Area*
Data Date	*05/22/2009*

Field Name	Description	Source
ROUTENAME	Route Name	<< *CREATED* >>
NOTES	Notes	<< *CREATED* >>
HEADWAY	Average Bus Headway – Weekday	<< *CREATED* >>
START	Start Time – Weekday (24-hour format)	<< *CREATED* >>
END	End Time – Weekday (24-hour format)	<< *CREATED* >>
QOS	Quality of Service – As estimated using the Transit Capacity and Quality of Service Manual, 2003 Edition, Chapter 3	<< *CREATED* >>

Shape File Name	*Corridor_Travel_Zones*
Description	*Corridor Travel Zones*

Narrative:

This file is a modified version of the Municipalities shape file, in which municipalities are grouped together into eleven different Corridor Travel Zones (A-K) according to location and general consistency of travel-patterns. The CTZs were used in high-level analyses of traffic volumes and travel demand.

Parent Shape File(s)	*PaMunicipalities.shp*
Source	*Pennsylvania Department of Transportation (PennDOT) via the Pennsylvania State Data Center Web Site (www.pasda.psu.edu)*
Type	*Polygon*
# of Features	*116*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*06/18/2009*

Field Name	Description	Source
MUN_NAME	Municipality Name	*<< CREATED >>*
COUNTY	County	*<< CREATED >>*
COR_ZONE	Corridor Travel Zone	*<< CREATED >>*

Shape File Name	*cs42_d00_LackLuz_RESWRK*
Description	*Residential & Employment Data by Municipality*
Narrative:	
	This file is a modified version of the Census 2000 County Subdivision shape file, to which residential population and employment data from the Census 2000 Transportation Planning Package (CTPP) were joined. The CTPP data—i.e., Journey-to-Work, MCD/County to MCD/County Worker Flows) were summarized at the municipal (MCD) level before joining to the County Subdivision shape file. The joined data was used to evaluate Employment Balance (ratio of employment to residential population) for municipalities in the Two-County Area.
Parent Shape File(s)	*cs42_d00.shp*
Source	*U.S. Census Bureau – Tiger/Line Shape Files via Census Bureau Web Site (http://www.census.gov/geo/www/tiger/)* *U.S. Census Bureau – Census 2000 Journey-to-Work, MCD/County to MCD/County flows via the USDOT Census Transportation Planning Web Site (http://www.fhwa.dot.gov/ctpp/index.htm)*
Type	*Polygon*
# of Features	*116*
Projection	*GCS_Assumed_Geographic_1*
Extent	*Lackawanna & Luzerne Counties*
Data Date	

Field Name	Description	Source
AREA	Area	*cs42_d00.shp*
PERIMETER	Perimeter	*cs42_d00.shp*
STATE	State	*cs42_d00.shp*
COUNTY	County	*cs42_d00.shp*
MCD	Minor Civil Division (MCD)	*cs42_d00.shp*
COUSUBFP	MCD/CCD County Subdivision (FIPS)	*cs42_d00.shp*
NAME	Municipal (MCD) Name	*cs42_d00.shp*
LSAD	Legal Statistical Area Description (LSAD) 21 = Borough; 25 = City; 44 = Township	*cs42_d00.shp*
LSAD_TRANS	Legal Statistical Area Description (LSAD) Translation	*cs42_d00.shp*
SHAPEID	Shape ID Created by concatenating the STATE, COUNTY, and COUSUBFP values	*cs42_d00.shp*
RESID	Residential ID – Used to join the Residential data to the County Subdivision shape file Created by concatenating the FIRST_RESS, FIRST_RESC, and FIRST_RESM values	*cs42_d00.shp*
CNT_RESID	Count of Residential data records summarized	*Census 2000 Transportation Planning Package*
FIRST_RESS	State of the First Residential data record summarized	*Census 2000 Transportation Planning Package*
FIRST_RESC	County of the First Residential data record summarized	*Census 2000 Transportation Planning Package*
FIRST_RESM	MCD of the First Residential data record summarized	*Census 2000 Transportation Planning Package*
RES_NAME	Residential Municipal (MCD) Name	*Census 2000 Transportation Planning Package*
RES_COUNT	Total number of Residents in the Municipality (MCD)	*Census 2000 Transportation Planning Package*
WRKID	Work ID – Used to join the Employment data to the County Subdivision shape file Created by concatenating the FIRST_RESS, FIRST_RESC, and FIRST_RESM values	*Census 2000 Transportation Planning Package*

Field Name	Description	Source
CNT_WRKID	Count of Employment data records summarized	*Census 2000 Transportation Planning Package*
FIRST_WRKS	State of the First Employment data record summarized	*Census 2000 Transportation Planning Package*
FIRST_WRKC	County of the First Employment data record summarized	*Census 2000 Transportation Planning Package*
FIRST_WRKM	MCD of the First Employment data record summarized	*Census 2000 Transportation Planning Package*
WRK_NAME	Employment Municipal (MCD) Name	*Census 2000 Transportation Planning Package*
WRK_COUNT	Total number of Employees in the Municipality (MCD)	*Census 2000 Transportation Planning Package*
RW_BAL	Ratio of Residents to Employees in MCD	*<< CREATED >>*
WR_BAL	Ratio of Employees to Residents in MCD	*<< CREATED >>*

Shape File Name	*eclu_20021009*
Description	*Earth Conservancy Lands*

Narrative:

This shape file includes lands in Lackawanna and Luzerne Counties purchased and owned by the Earth Conservancy, for the purpose of rehabilitating old coal mine lands into productive use.

Parent Shape File(s)	*None*
Source	*Earth Conservancy*
Type	*Polygon*
# of Features	*166*
Projection	*Unknown*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*10/09/2002*

Field Name	Description	Source
AREA	Coverage Area	*eclu_20021009.shp*
PERIMETER	Length of Perimeter Boundary	*eclu_20021009.shp*
ECLU_NEW_		*eclu_20021009.shp*
ECLU_NEW_I		*eclu_20021009.shp*
LANDUSE	Land Use	*eclu_20021009.shp*
PARCELID	Parcel ID	*eclu_20021009.shp*
ACRES	Acres	*eclu_20021009.shp*
KEY		*eclu_20021009.shp*
DEEDREFERE		*eclu_20021009.shp*
PIN		*eclu_20021009.shp*
LOT		*eclu_20021009.shp*
COAL_PLATE		*eclu_20021009.shp*
SEQ_		*eclu_20021009.shp*
PARCEL___L		*eclu_20021009.shp*
ESTREC__		*eclu_20021009.shp*
ELECTRICIT		*eclu_20021009.shp*
GAS		*eclu_20021009.shp*
SEWER		*eclu_20021009.shp*
WATER		*eclu_20021009.shp*
OWNER	Owner	*eclu_20021009.shp*

Shape File Name	*faf2_network_data_LackLuz*
Description	*Freight Analysis Framework (FAF) version 2 network, with FAF2 traffic assignment data attached.*

Narrative:

The Freight Analysis Framework shape file includes network and freight travel estimates, as assembled by the Federal Highway Administration (FHWA) and obtained via the Freight Analysis Framework Webpage (http://www.ops.fhwa.dot.gov/freight/freight_analysis/faf/index.htm) in April 2009. Network data is provided in shape file format, with freight volume information provided in separate DBF files. A data dictionary is also provided in PDF format. The FAF2 Freight Model was calibrated with a 2002 base year and was forecasted to a 2035 horizon year.

Parent Shape Files	*faf2_network (shape file); faf2_2data (DBF table)*
Source	*Federal Highway Administration (FHWA), Office of Operations, Freight Management and Operations*
Type	*Line*
# of Features	*373*
Projection	*GCS_Assumed_Geographic_1*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*04/01/2006*

Field Name	Description	Source
ID	Unique Segment Identification Number	*faf2_network.shp*
LENGTH	Length of Arc (miles)	*faf2_network.shp*
DIR	Freight Direction for Freight Modeling 0 = Both directions; 1 = Direction along the link topology; -1 = direction opposite to the link topology	*faf2_network.shp*
VERSION	FAF Version -- Used to maintain consistency across data files containing alternate releases of the FAF	*faf2_network.shp*
RECID	Unique numeric ID associated with each arc of NHPN version 2005.08	*faf2_network.shp*
STATE	State Abbreviation	*faf2_network.shp*
STFIPS	State FIPS code for the Arc	*faf2_network.shp*
CTFIPS	3-Digit FIPS code for the county in which the arc resides	*faf2_network.shp*
SIGN1	Designated primary signed route number for the arc	*faf2_network.shp*
SIGN2	Designated secondary signed route number for the arc	*faf2_network.shp*
SIGN3	Designated additional secondary signed route number for the arc	*faf2_network.shp*
LNAME	Local street name for the arc	*faf2_network.shp*
MILES	Length of Arc Chain (miles)	*faf2_network.shp*
RUCODE	Rural/Urban Classification of Arc 1 = Rural; 2 = Small urbanized area (population 5,000 to 49,000); 3 = Small urbanized area (population 50,000 to 199,999); 4 = Large urbanized area (population 200,000 or more); BLANK = Data not available	*faf2_network.shp*
FCLASS	Functional Classification of Arc 01 = Rural Principal Arterial Interstate; 02 = Rural Principal Arterial Other; 06 = Rural Minor Arterial; 07 = Rural Major Collector; 08 Rural Minor Collector; 09 = Rural Local; 11 = Urban Principal Arterial Interstate; 12 = Urban Principal Arterial Other Freeways; 14 = Urban Other Principal Arterial; 16 = Urban Minor Arterial; 17 = Urban Collector; 19 = Urban Local; BLANK = Data not available	*faf2_network.shp*
STATUS	Status of Arc 0 = Proposed; 1 = Open to traffic; 2 = Ferry route; 3 = Canadian routes connecting Alaska to the contiguous States	*faf2_network.shp*
NHS	National Highway System (NHS) and Strategic Highway Network (STRAHNET) code	*faf2_network.shp*

Field Name	Description	Source
	0 = Not on NHS; 1 = Interstate; 2 = Interstate STRAHNET; 3 = Non-Interstate STRAHNET; 4 = STRAHNET connector; 7 = Other NHS; 8 = Approved intermodal connector	
LINK_TYPE	FAF2 Link Type 0 = Other FAF 2.2 routes; 1 = State truck route not on the National Network; 2 = National Network (NN) route; 5 = No trucks allowed	*faf2_network.shp*
ID_1	Unique Segment Identification Number Same as ID	*faf2_2data.dbf*
VERSION_1	FAF Version -- Used to maintain consistency across data files containing alternate releases of the FAF Same as VERSION	*faf2_2data.dbf*
AADT02	HPMS annual average daily traffic for year 2002	*faf2_2data.dbf*
AADTT02	Year 2002 truck volume based on HPMS average truck percentage	*faf2_2data.dbf*
FAF02	FAF 2.2 truck flow based on freight demand model and FAF 2.2 O-D database	*faf2_2data.dbf*
NONFAF02	Local truck traffic that is not part of FAF 2.2 flow	*faf2_2data.dbf*
AADT35	Annual average HPMS daily traffic. Estimated using the HPMS traffic growth factor	*faf2_2data.dbf*
AADTT35	Year 2035 truck volume based on HPMS average truck percentage and traffic growth	*faf2_2data.dbf*
FAF35	FAF 2.2 truck flow based on freight demand model and FAF 2.2 O-D database	*faf2_2data.dbf*
NONFAF35	Local truck traffic that is not part of FAF 2.2 flow	*faf2_2data.dbf*
CAP02	Estimated capacity using HCM 2000 methodology	*faf2_2data.dbf*
SF02	Service flow volume/hour	*faf2_2data.dbf*
VCR02	2002 volume to capacity ratio	*faf2_2data.dbf*
SPEED02	2002 congested speed miles/hour	*faf2_2data.dbf*
DELAY02	2002 link delays in hour	*faf2_2data.dbf*
CAP35	Estimated capacity using HCM 2000 methodology	*faf2_2data.dbf*
SF35	Service flow volume/hour	*faf2_2data.dbf*
VCR35	2035 volume to capacity ratio	*faf2_2data.dbf*
SPEED35	2035 congested speed miles/hour	*faf2_2data.dbf*
DELAY35	2035 link delays in hour	*faf2_2data.dbf*

Shape File Name	*FEMA_LackLuz*
Description	*Federal Emergency Management Agency (FEMA) Floodplains*
Narrative:	
	The FEMA Floodplain information, as obtained via the PA State Data Center Web Site (http://www.pasda.psu.edu/) in April 2010, was used to identify potential NEPA implications of projects near or within floodplains.
Parent Shape File(s)	*Unknown*
Source	*Federal Emergency Management Agency (FEMA)*
Type	*Polygon*
# of Features	*1075*
Projection	*NAD_1983_StatePlane_Pennsylvania_South_FIPS_3702_Feet*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*Unknown*

Field Name	Description	Source
AREA	Area of Floodplain Coverage	*FEMA_LackLuz.shp*
PERIMETER	Perimeter of Floodplain Coverage	*FEMA_LackLuz.shp*
ALLEGHENY_		*FEMA_LackLuz.shp*
ALLEGHENY1		*FEMA_LackLuz.shp*
FIPS		*FEMA_LackLuz.shp*
COMMUNITY		*FEMA_LackLuz.shp*
FIRM_PANEL		*FEMA_LackLuz.shp*
QUAD		*FEMA_LackLuz.shp*
ZONE		*FEMA_LackLuz.shp*
FLOODWAY		*FEMA_LackLuz.shp*
COBRA		*FEMA_LackLuz.shp*
SFHA		*FEMA_LackLuz.shp*
SYMBOL		*FEMA_LackLuz.shp*
PANEL_TYP		*FEMA_LackLuz.shp*
ST_FIPS		*FEMA_LackLuz.shp*
CO_FIPS		*FEMA_LackLuz.shp*
STATE		*FEMA_LackLuz.shp*
PCOMM		*FEMA_LackLuz.shp*
PANEL		*FEMA_LackLuz.shp*
LAT		*FEMA_LackLuz.shp*
LONG		*FEMA_LackLuz.shp*
QUAD_UNIT		*FEMA_LackLuz.shp*

Shape File Name	*HPT_ServiceArea*
Description	*Hazleton Public Transit (HPT) Service Area*

Narrative:

The Hazleton Public Transit (HPT) Service Area was estimated assuming a ¼-mile (1320 foot) buffer around the HPT Transit Routes, as given in the HPT Transit Routes shape file. Schedule and Hours of Operation information was coded into this shape file based on information provided by HPT on their web page (http://www.ridehpt.com/), as of May 2008. *Transit "Quality-of-Service" was determined based on HEADWAY and the total daily hours of operation, according to the criteria in the Transit Capacity and Quality of Service Manual, 2003 Edition, Chapter 3.*

Parent Shape File	*<< None >>*
Source	*Hazleton Public Transit Website; McCormick Taylor*
Type	*Line*
# of Features	*10*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Hazleton Public Transit Service Area*
Data Date	*05/22/2009*

Field Name	Description	Source
ROUTENAME	Route Name	*<< CREATED >>*
NOTES	Notes	*<< CREATED >>*
HEADWAY	Average Bus Headway – Weekday	*<< CREATED >>*
START	Start Time – Weekday (24-hour format)	*<< CREATED >>*
END	End Time – Weekday (24-hour format)	*<< CREATED >>*
QOS	Quality of Service – As estimated using the Transit Capacity and Quality of Service Manual, 2003 Edition, Chapter 3	*<< CREATED >>*
BUFF_DIST	Buffer Distance – ¼-mile (1320 feet)	*<< CREATED >>*

Shape File Name	*HPT_TransitRoutes*
Description	*Hazleton Public Transit (HPT) Bus Routes*

Narrative:

The Hazleton Public Transit (HPT) Transit Routes were coded into this shape file based on the route, schedule, and hours of operation information provided by HPT on their web page (http://www.ridehpt.com/), as of May 2008. Transit "Quality-of-Service" was determined based on HEADWAY and the total daily hours of operation, according to the criteria in the Transit Capacity and Quality of Service Manual, 2003 Edition, Chapter 3.

Parent Shape File	*<< None >>*
Source	*Hazleton Public Transit Website; McCormick Taylor*
Type	*Line*
# of Features	*10*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Hazleton Public Transit Service Area*
Data Date	*05/22/2009*

Field Name	Description	Source
ROUTENAME	Route Name	*<< CREATED >>*
NOTES	Notes	*<< CREATED >>*
HEADWAY	Average Bus Headway – Weekday	*<< CREATED >>*
START	Start Time – Weekday (24-hour format)	*<< CREATED >>*
END	End Time – Weekday (24-hour format)	*<< CREATED >>*
QOS	Quality of Service – As estimated using the Transit Capacity and Quality of Service Manual, 2003 Edition, Chapter 3	*<< CREATED >>*

Shape File Name	*Intermodal*
Description	*Intermodal Transportation Centers*

Narrative:

The Intermodal Transportation Centers shape file was created by McCormick Taylor based on research of the existing and proposed facilities in Lackawanna and Luzerne Counties.

Parent Shape File	*<< None >>*
Source	*McCormick Taylor*
Type	*Point*
# of Features	*3*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*09/03/2009*

Field Name	Description	Source
Id	Generic ID number	<< CREATED >>
NAME	Name of intermodal center	<< CREATED >>
STATUS	Current status of center	<< CREATED >>

Shape File Name	*IRI_LackLuz*
Description	*International Roughness Index (IRI)*
Narrative:	
	The International Roughness Index shape file was obtained from PennDOT District 4-0. IRI Ratings were provided according to a "RANGE," rather than the specific rating value.
Parent Shape File(s)	*DynSeg of lack_; DynSeg of luz_*
Source	*PA Department of Transportation, Engineering District 4-0*
Type	*Line*
# of Features	*3577*
Projection	*NAD83_PROJ*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*12/15/2008*

Field Name	Description	Source
CTY_CODE	County Code 35 = Lackawanna County; 40 = Luzerne County	*DynSeg of lack_; DynSeg of luz_*
ST_RT_NO	State Route Number	*DynSeg of lack_; DynSeg of luz_*
SEG_BEG	Segment Number at Attribute Beginning Point	*DynSeg of lack_; DynSeg of luz_*
OFF_BEG	Segment Number at Attribute Ending Point	*DynSeg of lack_; DynSeg of luz_*
SEG_END	Segment Number at Attribute Ending Point	*DynSeg of lack_; DynSeg of luz_*
OFF_END	Offset at Attribute Ending Point	*DynSeg of lack_; DynSeg of luz_*
SIDE_IND	Right/Left Side Indicator 1 = Right side (Even numbered segments); 2 = Left side (Odd numbered segments)	*DynSeg of lack_; DynSeg of luz_*
RANGE	International Roughness Indicator (IRI) Range Excellent; Good, Fair, Poor	*DynSeg of lack_; DynSeg of luz_*
EJ	Environmental Justice Population Indicator -- Indicates that the concentration of minority and/or low-income population is greater than the Two-County average in a block group adjacent to the roadway. Minorit – Minority population Poverty – Low-Income population BOTH – Both Minority and Low-Income population None – Neither Minority or Low-Income population	<< *CREATED* >>
LENGTH	Length of Roadway Section (feet) – Calculated from OFF_BEG and OFF_END	<< *CREATED* >>
LENGTH_MI	Length of Roadway Section (miles) – Calculated from OFF-BEG and OFF_END	<< *CREATED* >>
JOIN_ID	Join ID Created by concatenating CTY_CODE, ST_RT_NO, and SEG_BEG	<< *CREATED* >>
URB_RUR	Urban/Rural Indicator – Assigned based on Federal Functional Class value	<< *CREATED* >>
FUNC_CLS	Federal Functional Class – Assigned based on JOIN_ID	*XPASDA09_RMSSEG_Clip_TRjoin*

Shape File Name	*LA_trails_gen*
Description	*Lackawanna County Trails*
Narrative:	
	The Lackawanna County Trails shape file includes existing and proposed trails in Lackawanna County. This data was obtained from Wilkes University and supplemented by BLE and EDAW.
Parent Shape File	*None*
Source	*Wilkes University as supplemented by BLE and EDAW*
Type	*Line*
# of Features	*22*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Lackawanna County*
Data Date	*05/19/2004*

Field Name	Description	Source
ID	Generic ID number	*LA_trails_gen*
NAME	Trail Name (primary)	*LA_trails_gen*
STATUS	Trail Status	*LA_trails_gen*
T_NAME	Trail Name (secondary)	*LA_trails_gen*
T_NAME2	Trail Name with Status attached	*LA_trails_gen*
LEN_MILES	Trail Length (miles)	*LA_trails_gen*

Shape File Name	*Lack_Luz_BG_ALL*
Description	*Environmental Justice and Traditionally Underserved Population Demographics*

Narrative:

This shape file contains U.S. Census Summary File 1 and Summary File 3 data for Lackawanna and Luzerne Counties, which was downloaded via the U.S. Census American FactFinder Web Site (http://factfinder.census.gov). The American FactFinder site provides a tool that allows the user to download customized data sets at the desired geographic level from the available Summary File datasets. This information was then joined to the Tiger/Line shape files, obtained via the Tiger/Line web site (http://www.census.gov/geo/www/tiger/).

Parent Shape File(s)	*tl_2008_42069_bg00.shp; tl_2008_42079_bg00.shp*
Source	*U.S. Census Bureau – Census 2000 data via American FactFinder (http://factfinder.census.gov); Tiger/Line Shape Files via Census Bureau Web Site (http://www.census.gov/geo/www/tiger/)*
Type	*Line*
# of Features	*509*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*09/16/2009*

Field Name	Description	Source
STATEFP00	Census 2000 State FIPS Code	*tl_2008_42069_bg00.shp; tl_2008_42079_bg00.shp*
COUNTYFP00	Census 2000 County FIPS Code	*tl_2008_42069_bg00.shp; tl_2008_42079_bg00.shp*
TRACTCE00	Census 2000 Tract Code	*tl_2008_42069_bg00.shp; tl_2008_42079_bg00.shp*
BLKGRPCE00	Census 2000 Block Group Code	*tl_2008_42069_bg00.shp; tl_2008_42079_bg00.shp*
BKGPIDFP00	Census 2000 Block Group Identifier	*tl_2008_42069_bg00.shp; tl_2008_42079_bg00.shp*
NAMELSAD00	Census 2000 Translated Legal/Statistical Area Description and the Block Group Number	*tl_2008_42069_bg00.shp; tl_2008_42079_bg00.shp*
GEO_ID	Geography Identifier (from SF1 data files)	*U.S. Census American FactFinder*
GEO_ID2	Geography Identifier 2 (from SF1 data files) – Shortened form of GEO_ID	*U.S. Census American FactFinder*
SUMLEVEL	Geographic Summary Level 150 = Block Group	*U.S. Census American FactFinder*
GEO_NAME	Geography Name – Includes Block Group Code, Census Tract Code, County Name, and State Name	*U.S. Census American FactFinder*
TPOP	Total population: Total	*U.S. Census American FactFinder*
POP_HL	Total population: Hispanic or Latino	*U.S. Census American FactFinder*
PER_HL	Percent of Total population: Hispanic or Latino	*U.S. Census American FactFinder*
POP_NHL_WA	Total population: Not Hispanic or Latino; Population of one race; White alone	*U.S. Census American FactFinder*
MINORITY	Total population: Minority	*U.S. Census American FactFinder*
PER_MINOR	Percent Minority	*U.S. Census American FactFinder*
MPOP_65_66	Total population: Male; 65 and 66 years	*U.S. Census American FactFinder*
MPOP_67_68	Total population: Male; 67 to 69 years	*U.S. Census American FactFinder*
MPOP_70_74	Total population: Male; 70 to 74 years	*U.S. Census American FactFinder*
MPOP_75_79	Total population: Male; 75 to 79 years	*U.S. Census American FactFinder*

Field Name	Description	Source
MPOP_80_84	Total population: Male; 80 to 84 years	*U.S. Census American FactFinder*
MPOP_85_UP	Total population: Male; 85 years and over	*U.S. Census American FactFinder*
FPOP_65_66	Total population: Female; 65 and 66 years	*U.S. Census American FactFinder*
FPOP_67_68	Total population: Female; 67 to 69 years	*U.S. Census American FactFinder*
FPOP_70_74	Total population: Female; 70 to 74 years	*U.S. Census American FactFinder*
FPOP_75_79	Total population: Female; 75 to 79 years	*U.S. Census American FactFinder*
FPOP_80_84	Total population: Female; 80 to 84 years	*U.S. Census American FactFinder*
FPOP_85_UP	Total population: Female; 85 years and over	*U.S. Census American FactFinder*
POP_65_UP	Total population: 65 years and over	*U.S. Census American FactFinder*
PER_65_UP	Percent 65 years and over	*U.S. Census American FactFinder*
HH	Households: Total	*U.S. Census American FactFinder*
HH_SIZE_AV	Households: Average household size	*U.S. Census American FactFinder*
FHHWC_F	Households with one or more people under 18 years; Family households; Other family; Female householder; no husband present	*U.S. Census American FactFinder*
FHHWC_NF	Households with one or more people under 18 years; Nonfamily households; Female householder	*U.S. Census American FactFinder*
FHHWC	Households: Household with one or more people under 18 years; Female householder (Includes Family and Non-Family Households)	*U.S. Census American FactFinder*
PER_FHHWC	Percent Housholds with one or more people under 18 years; Female householder	*U.S. Census American FactFinder*
HU	Housing units: Total	*U.S. Census American FactFinder*
HU_OCC	Housing units: Occupied	*U.S. Census American FactFinder*
HU_VAC	Housing units: Vacant	*U.S. Census American FactFinder*
PER_HU_VAC	Percent Vacant Housing Units	*U.S. Census American FactFinder*
HU_OCC_RNT	Occupied housing units: Renter occupied	*U.S. Census American FactFinder*
PER_OCCHUR	Percent occupied housing units that are renter occupied	*U.S. Census American FactFinder*
GEO_ID2_T	Geography Identifier (from SF3 data files)	*U.S. Census American FactFinder*
POP_5_UP	Population 5 years and over: Total	*U.S. Census American FactFinder*
P0517S_EW	Population 5 years and over: 5 to 17 years; Speak Spanish; Speak English well	*U.S. Census American FactFinder*
P0517S_ENW	Population 5 years and over: 5 to 17 years; Speak Spanish; Speak English not well	*U.S. Census American FactFinder*
P0517S_ENA	Population 5 years and over: 5 to 17 years; Speak Spanish; Speak English not at all	*U.S. Census American FactFinder*
P0517N_EW	Population 5 years and over: 5 to 17 years; Speak other Indo-European languages; Speak English well	*U.S. Census American FactFinder*
P0517N_ENW	Population 5 years and over: 5 to 17 years; Speak other Indo-European languages; Speak English not well	*U.S. Census American FactFinder*
P0517N_ENA	Population 5 years and over: 5 to 17 years; Speak other Indo-European languages; Speak English not at all	*U.S. Census American FactFinder*
P0517A_EW	Population 5 years and over: 5 to 17 years; Speak Asian and Pacific Island languages; Speak English well	*U.S. Census American FactFinder*
P0517A_ENW	Population 5 years and over: 5 to 17 years; Speak Asian and Pacific Island languages; Speak English not well	*U.S. Census American FactFinder*
P0517A_ENA	Population 5 years and over: 5 to 17 years; Speak Asian and Pacific Island languages; Speak English not at all	*U.S. Census American FactFinder*
P0517O_EW	Population 5 years and over: 5 to 17 years; Speak other languages; Speak English well	*U.S. Census American FactFinder*
P0517O_ENW	Population 5 years and over: 5 to 17 years; Speak other languages; Speak English not well	*U.S. Census American FactFinder*
P0517O_ENA	Population 5 years and over: 5 to 17 years; Speak other languages; Speak English not at all	*U.S. Census American FactFinder*

Field Name	Description	Source
P1864S_EW	Population 5 years and over: 18 to 64 years; Speak Spanish; Speak English well	*U.S. Census American FactFinder*
P1864S_ENW	Population 5 years and over: 18 to 64 years; Speak Spanish; Speak English not well	*U.S. Census American FactFinder*
P1864S_ENA	Population 5 years and over: 18 to 64 years; Speak Spanish; Speak English not at all	*U.S. Census American FactFinder*
P1864N_EW	Population 5 years and over: 18 to 64 years; Speak other Indo-European languages; Speak English well	*U.S. Census American FactFinder*
P1864N_ENW	Population 5 years and over: 18 to 64 years; Speak other Indo-European languages; Speak English not well	*U.S. Census American FactFinder*
P1864N_ENA	Population 5 years and over: 18 to 64 years; Speak other Indo-European languages; Speak English not at all	*U.S. Census American FactFinder*
P1864A_EW	Population 5 years and over: 18 to 64 years; Speak Asian and Pacific Island languages; Speak English well	*U.S. Census American FactFinder*
P1864A_ENW	Population 5 years and over: 18 to 64 years; Speak Asian and Pacific Island languages; Speak English not well	*U.S. Census American FactFinder*
P1864A_ENA	Population 5 years and over: 18 to 64 years; Speak Asian and Pacific Island languages; Speak English not at all	*U.S. Census American FactFinder*
P1864O_EW	Population 5 years and over: 18 to 64 years; Speak other languages; Speak English well	*U.S. Census American FactFinder*
P1864O_ENW	Population 5 years and over: 18 to 64 years; Speak other languages; Speak English not well	*U.S. Census American FactFinder*
P1864O_ENA	Population 5 years and over: 18 to 64 years; Speak other languages; Speak English not at all	*U.S. Census American FactFinder*
P65UPS_EW	Population 5 years and over: 65 years and over; Speak Spanish; Speak English well	*U.S. Census American FactFinder*
P65UPS_ENW	Population 5 years and over: 65 years and over; Speak Spanish; Speak English not well	*U.S. Census American FactFinder*
P65UPS_ENA	Population 5 years and over: 65 years and over; Speak Spanish; Speak English not at all	*U.S. Census American FactFinder*
P65UPN_EW	Population 5 years and over: 65 years and over; Speak other Indo-European languages; Speak English well	*U.S. Census American FactFinder*
P65UPN_ENW	Population 5 years and over: 65 years and over; Speak other Indo-European languages; Speak English not well	*U.S. Census American FactFinder*
P65UPN_ENA	Population 5 years and over: 65 years and over; Speak other Indo-European languages; Speak English not at all	*U.S. Census American FactFinder*
P65UPA_EW	Population 5 years and over: 65 years and over; Speak Asian and Pacific Island languages; Speak English well	*U.S. Census American FactFinder*
P65UPA_ENW	Population 5 years and over: 65 years and over; Speak Asian and Pacific Island languages; Speak English not well	*U.S. Census American FactFinder*
P65UPA_ENA	Population 5 years and over: 65 years and over; Speak Asian and Pacific Island languages; Speak English not at all	*U.S. Census American FactFinder*
P65UPO_EW	Population 5 years and over: 65 years and over; Speak other languages; Speak English well	*U.S. Census American FactFinder*
P65UPO_ENW	Population 5 years and over: 65 years and over; Speak other languages; Speak English not well	*U.S. Census American FactFinder*
P65UPO_ENA	Population 5 years and over: 65 years and over; Speak other languages; Speak English not at all	*U.S. Census American FactFinder*
P05UP_ELVW	Population 5 years and over: Speak English less than very well	*U.S. Census American FactFinder*
PER_ELVW	Percent of Population 5 years and over: Speak English less than very well	*U.S. Census American FactFinder*
HH_1	Households: Total	*U.S. Census American FactFinder*
HH_SP_LI	Households: Spanish; Linguistically isolated	*U.S. Census American FactFinder*
HH_IE_LI	Households: Other Indo-European languages; Linguistically isolated	*U.S. Census American FactFinder*
N47	Households: Asian and Pacific Island languages; Linguistically isolated	*U.S. Census American FactFinder*
HH_OTH_LI	Households: Other languages; Linguistically isolated	*U.S. Census American FactFinder*
HH_LI	Households; Linguistically isolated	*U.S. Census American FactFinder*
PER_LI	Percent Households Linguistically isolated	*U.S. Census American FactFinder*
POP_25_UP	Population 25 years and over: Total	*U.S. Census American FactFinder*
P25M_NS	Population 25 years and over: Male; No schooling completed	*U.S. Census American FactFinder*
P25M_4TH	Population 25 years and over: Male; Educational attainment; Nursery to 4th grade	*U.S. Census American FactFinder*

Field Name	Description	Source
P25F_NO	Population 25 years and over: Female; Educational attainment; No schooling completed	*U.S. Census American FactFinder*
P25F_4TH	Population 25 years and over: Female; Educational attainment; Nursery to 4th grade	*U.S. Census American FactFinder*
P25_NO5GR	Population 25 years and over; less than 5th grade attainment	*U.S. Census American FactFinder*
PER_NO5GR	Percent of Population 25 years and over; less than 5th grade attainment	*U.S. Census American FactFinder*
CNIM_5_20	Civilian noninstitutionalized population 5 years and over: Male; 16 to 20 years	*U.S. Census American FactFinder*
DISM_5_20	Civilian noninstitutionalized population 5 years and over: Male; 16 to 20 years; With a disability	*U.S. Census American FactFinder*
CNIM_21_64	Civilian noninstitutionalized population 5 years and over: Male; 21 to 64 years	*U.S. Census American FactFinder*
DISM_21_64	Civilian noninstitutionalized population 5 years and over: Male; 21 to 64 years; With a disability	*U.S. Census American FactFinder*
CNIF_5_20	Civilian noninstitutionalized population 5 years and over: Female; 16 to 20 years	*U.S. Census American FactFinder*
DISF_5_20	Civilian noninstitutionalized population 5 years and over: Female; 16 to 20 years; With a disability	*U.S. Census American FactFinder*
CNIF_21_64	Civilian noninstitutionalized population 5 years and over: Female; 21 to 64 years	*U.S. Census American FactFinder*
DISF_21_64	Civilian noninstitutionalized population 5 years and over: Female; 21 to 64 years; With a disability	*U.S. Census American FactFinder*
CNI_16_64	Civilian noninstitutionalized population 16 to 64 years	*U.S. Census American FactFinder*
DIS_16_64	Civilian noninstitutionalized population 16 to 64 years; With a disability	*U.S. Census American FactFinder*
PER_DIS	Percent of the Civilian noninstitutionalized population 16 to 64 years; With a disability	*U.S. Census American FactFinder*
POP_PS_DET	Population for whom poverty status is determined: Total	*U.S. Census American FactFinder*
POP_POV	Population for whom poverty status is determined: Income in 1999 below poverty level	*U.S. Census American FactFinder*
PER_POV	Percent of Population for whom poverty status is determined: Income in 1999 below poverty level	*U.S. Census American FactFinder*
HU_OCC_1	Occupied housing units: Total	*U.S. Census American FactFinder*
HU_OO_ZCAR	Occupied housing units: Owner occupied; No vehicle available	*U.S. Census American FactFinder*
HU_RO_ZCAR	Occupied housing units: Renter occupied; No vehicle available	*U.S. Census American FactFinder*
HU_ZCAR	Occupied housing units: No vehicle available	*U.S. Census American FactFinder*
PER_ZCAR	Percent of Occupied housing units: No vehicle available	*U.S. Census American FactFinder*
SQMI	Block Group Area (square miles)	*U.S. Census American FactFinder*
BKGP_ID	Block Group ID	*U.S. Census American FactFinder*
T_POP	Total Population	*U.S. Census American FactFinder*
MINORITY_1	Minority Population	*U.S. Census American FactFinder*
PER_MINO_1	Percent Minority	*U.S. Census American FactFinder*
POP_POV_1	In-Poverty Population	*U.S. Census American FactFinder*
PER_POV_1	Percent In-Poverty Poverty	*U.S. Census American FactFinder*
SQMI_1	Block Group Area (square miles)	*U.S. Census American FactFinder*
DEN_MINOR	Density of Minority Population	*U.S. Census American FactFinder*
DEN_POV	Density of In-Poverty Population	*U.S. Census American FactFinder*
EJ	Environmental Justice Population Present Minority = Minority population present; Poverty = In-Poverty population present; BOTH = Both Minority and In-Poverty populations present; No = Neither Minority nor In-Poverty population present	*U.S. Census American FactFinder*
W16	Workers 16 years and over: Total	*U.S. Census American FactFinder*

Field Name	Description	Source
CAR	Workers 16 years and over: Means of transportation to work; Car; truck; or van	*U.S. Census American FactFinder*
CARSOV	Workers 16 years and over: Means of transportation to work; Car; truck; or van; Drove alone	*U.S. Census American FactFinder*
CARPOOL	Workers 16 years and over: Means of transportation to work; Car; truck; or van; Carpooled	*U.S. Census American FactFinder*
PT	Workers 16 years and over: Means of transportation to work; Public transportation	*U.S. Census American FactFinder*
PT_BUS	Workers 16 years and over: Means of transportation to work; Public transportation; Bus or trolley bus	*U.S. Census American FactFinder*
PT_TAXI	Workers 16 years and over: Means of transportation to work; Public transportation; Taxicab	*U.S. Census American FactFinder*
MOTCYCLE	Workers 16 years and over: Means of transportation to work; Motorcycle	*U.S. Census American FactFinder*
BICYCLE	Workers 16 years and over: Means of transportation to work; Bicycle	*U.S. Census American FactFinder*
WALK	Workers 16 years and over: Means of transportation to work; Walked	*U.S. Census American FactFinder*
OTHER	Workers 16 years and over: Means of transportation to work; Other means	*U.S. Census American FactFinder*
W16_HOME	Workers 16 years and over: Worked at home	*U.S. Census American FactFinder*
W16_NWHOME	Workers 16 years and over: Did not work at home	*U.S. Census American FactFinder*
TT_05	Workers 16 years and over: Did not work at home; Travel time to work; Less than 5 minutes	*U.S. Census American FactFinder*
TT_05_09	Workers 16 years and over: Did not work at home; Travel time to work; 5 to 9 minutes	*U.S. Census American FactFinder*
TT_10_14	Workers 16 years and over: Did not work at home; Travel time to work; 10 to 14 minutes	*U.S. Census American FactFinder*
TT_15_19	Workers 16 years and over: Did not work at home; Travel time to work; 15 to 19 minutes	*U.S. Census American FactFinder*
TT_20_24	Workers 16 years and over: Did not work at home; Travel time to work; 20 to 24 minutes	*U.S. Census American FactFinder*
TT_25_29	Workers 16 years and over: Did not work at home; Travel time to work; 25 to 29 minutes	*U.S. Census American FactFinder*
TT_30_34	Workers 16 years and over: Did not work at home; Travel time to work; 30 to 34 minutes	*U.S. Census American FactFinder*
TT_35_39	Workers 16 years and over: Did not work at home; Travel time to work; 35 to 39 minutes	*U.S. Census American FactFinder*
TT_40_44	Workers 16 years and over: Did not work at home; Travel time to work; 40 to 44 minutes	*U.S. Census American FactFinder*
TT_45_59	Workers 16 years and over: Did not work at home; Travel time to work; 45 to 59 minutes	*U.S. Census American FactFinder*
TT_60_89	Workers 16 years and over: Did not work at home; Travel time to work; 60 to 89 minutes	*U.S. Census American FactFinder*
TT_90_UP	Workers 16 years and over: Did not work at home; Travel time to work; 90 or more minutes	*U.S. Census American FactFinder*
TT_U30	Workers 16 years and over who did not work at home: Travel time to work; Less than 30 minutes	*U.S. Census American FactFinder*
TT_U30_PT	Workers 16 years and over who did not work at home: Travel time to work; Less than 30 minutes; Public transportation	*U.S. Census American FactFinder*
TT_U30_OTH	Workers 16 years and over who did not work at home: Travel time to work; Less than 30 minutes; Other means	*U.S. Census American FactFinder*
TT_44	Workers 16 years and over who did not work at home: Travel time to work; 30 to 44 minutes	*U.S. Census American FactFinder*
TT_44_PT	Workers 16 years and over who did not work at home: Travel time to work; 30 to 44 minutes; Public transportation	*U.S. Census American FactFinder*
TT_44_OTH	Workers 16 years and over who did not work at home: Travel time to work; 30 to 44 minutes; Other means	*U.S. Census American FactFinder*
TT_59	Workers 16 years and over who did not work at home: Travel time to work; 45 to 59 minutes	*U.S. Census American FactFinder*
TT_59_PT	Workers 16 years and over who did not work at home: Travel time to work; 45 to 59 minutes; Public transportation	*U.S. Census American FactFinder*
TT_59_OTH	Workers 16 years and over who did not work at home: Travel time to work; 45 to 59 minutes; Other means	*U.S. Census American FactFinder*
TT_60	Workers 16 years and over who did not work at home: Travel time to work; 60 or more minutes	*U.S. Census American FactFinder*
TT_60_PT	Workers 16 years and over who did not work at home: Travel time to work; 60 or more minutes; Public transportation	*U.S. Census American FactFinder*
TT_60_OTH	Workers 16 years and over who did not work at home: Travel time to work; 60 or more minutes; Other means	*U.S. Census American FactFinder*

Field Name	Description	Source
L0000_0459	Workers 16 years and over: Time leaving home to go to work; 12:00 a.m. to 4:59 a.m.	*U.S. Census American FactFinder*
L0500_0529	Workers 16 years and over: Time leaving home to go to work; 5:00 a.m. to 5:29 a.m.	*U.S. Census American FactFinder*
L0530_0559	Workers 16 years and over: Time leaving home to go to work; 5:30 a.m. to 5:59 a.m.	*U.S. Census American FactFinder*
L0600_0629	Workers 16 years and over: Time leaving home to go to work; 6:00 a.m. to 6:29 a.m.	*U.S. Census American FactFinder*
L0630_0659	Workers 16 years and over: Time leaving home to go to work; 6:30 a.m. to 6:59 a.m.	*U.S. Census American FactFinder*
L0700_0729	Workers 16 years and over: Time leaving home to go to work; 7:00 a.m. to 7:29 a.m.	*U.S. Census American FactFinder*
L0730_0759	Workers 16 years and over: Time leaving home to go to work; 7:30 a.m. to 7:59 a.m.	*U.S. Census American FactFinder*
L0800_0829	Workers 16 years and over: Time leaving home to go to work; 8:00 a.m. to 8:29 a.m.	*U.S. Census American FactFinder*
L0830_0859	Workers 16 years and over: Time leaving home to go to work; 8:30 a.m. to 8:59 a.m.	*U.S. Census American FactFinder*
L0900_0959	Workers 16 years and over: Time leaving home to go to work; 9:00 a.m. to 9:59 a.m.	*U.S. Census American FactFinder*
L1000_1059	Workers 16 years and over: Time leaving home to go to work; 10:00 a.m. to 10:59 a.m.	*U.S. Census American FactFinder*
L1100_1159	Workers 16 years and over: Time leaving home to go to work; 11:00 a.m. to 11:59 a.m.	*U.S. Census American FactFinder*
L1200_1559	Workers 16 years and over: Time leaving home to go to work; 12:00 p.m. to 3:59 p.m.	*U.S. Census American FactFinder*
L1600_2359	Workers 16 years and over: Time leaving home to go to work; 4:00 p.m. to 11:59 p.m.	*U.S. Census American FactFinder*
CARSOV_1	Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; Drove alone	*U.S. Census American FactFinder*
CPOOL	Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; Carpooled	*U.S. Census American FactFinder*
CPOOL_2	Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 2-person carpool	*U.S. Census American FactFinder*
CPOOL_3	Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 3-person carpool	*U.S. Census American FactFinder*
CPOOL_4	Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 4-person carpool	*U.S. Census American FactFinder*
CPOOL_5	Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 5- or 6-person carpool	*U.S. Census American FactFinder*
CPOOL_7UP	Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 7-or-more-person carpool	*U.S. Census American FactFinder*
OTHER_1	Workers 16 years and over: Other means (including those who worked at home)	*U.S. Census American FactFinder*
TSA	Transit Service Area (TSA) Indicator – Block group is partially or fully within a COLTS, LCTA, or HPT Service Area Yes = Block Group is within a TSA; No = Block Group is not within a TSA	*COLTS_ServiceArea.shp; LCTA_ServiceArea.shp; HPT_ServiceArea.shp*
TSPROV	Provider of Transit Service within the TSA	*COLTS_ServiceArea.shp; LCTA_ServiceArea.shp; HPT_ServiceArea.shp*
QOS	Transit Quality of Service provided within the TSA	*COLTS_ServiceArea.shp; LCTA_ServiceArea.shp; HPT_ServiceArea.shp*
TUP_OTHER	Traditionally Underserved Population (TUP) Indicator – Block group includes a TUP, aside from Minority or Low-Income Populations Yes = Other TUP present; No = No other TUP present	*COLTS_ServiceArea.shp; LCTA_ServiceArea.shp; HPT_ServiceArea.shp*

Shape File Name	*Lackawanna_Managed_Lands*
Description	*Lackawanna County Managed Lands*
Narrative:	
	Coverage showing stewardship of managed conservation lands in Lackawanna County – includes federal, state, county, and privately owned lands including National and State Parks, Wildlife Refuges, and Forests, county parks, and private conservancy lands. Lackawanna County information was clipped from the PA Conservation Stewardship layer, available via the PA State Data Center Web Page (http://www.pasda.psu.edu/).
Parent Shape File(s)	*Pennsylvania Conservation Stewardship layer*
Source	*Pennsylvania State University, via the PA State Data Center Web Page (http://www.pasda.psu.edu/)*
Type	*Polygon*
# of Features	*47*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Lackawanna County*
Data Date	*1998*

Field Name	Description	Source
AREA	Area	*Lackawanna_Managed_Lands.shp*
PERIMETER	Perimeter	*Lackawanna_Managed_Lands.shp*
MGDL2_	Polygon Serial Number	*Lackawanna_Managed_Lands.shp*
MGDL2_ID	Polygon Identifier	*Lackawanna_Managed_Lands.shp*
MANAGER	National Gap Analysis Project code for type of manager	*Lackawanna_Managed_Lands.shp*
OWNER	National Gap Analysis Project code for type of owner	*Lackawanna_Managed_Lands.shp*
STATUS	National Gap Analysis Project land management status code 1 = Human disturbance of habitat legally prohibited (excepting managed access and/or interpretation) and non-human disturbance is not controlled unless it threatens human life or property; 2 = Naturalistic areas with a legal mandate prohibiting conversion to humanistic/cultural development; 3 = Any additional permanent conversion of lands to humanistic/cultural development uses is restricted by legal mandates 4 = No legal restriction on additional permanent conversion of lands; 0 = Private lands	*Lackawanna_Managed_Lands.shp*
DIVISION	Name of steward agency, or "private"	*Lackawanna_Managed_Lands.shp*
UNIT	Name of conservation land unit	*Lackawanna_Managed_Lands.shp*
PA_MGMT_CO	Pennsylvania decimal elaboration of status code	*Lackawanna_Managed_Lands.shp*
GAP_MGMT_C	Same as status above, but as decimal field	*Lackawanna_Managed_Lands.shp*
UNIQUE_ID	Unique ID	*Lackawanna_Managed_Lands.shp*
COLOR	Color	*Lackawanna_Managed_Lands.shp*
LCODE	Alphabetic code indicating type of stewardship. CL = County and local parks; NB = National battlefield; NFOR = National forest; NFER = National experimental forest; NFSA = National forest scenic area; NFWA = National forest wilderness area; NHP = National historic park; NHS = National heritage site; NM = National memorial; NMP = National military park; NNL = National natural landmark; NRA = National recreation area; NWR = National wildlife refuge; OPC = Owned by private conservancy; PANC = PA chapter of The Nature Conservancy; PI = Private inholding in a conservation area; P = Private surrounded by different conservation lands; SFNA = State forest natural area;	*Lackawanna_Managed_Lands.shp*

Field Name	Description	Source
	SFOR = State forest; SGL = State game land; SPK = State park; SPNA = State park natural area; WPAC = Western Pennsylvania Conservancy	
ACODE	Alternate stewardship code	*Lackawanna_Managed_Lands.shp*
AKA	Alternative name for conservation land area	*Lackawanna_Managed_Lands.shp*
ANALGROUP	Analysis Group CONSERVANCY = Conservancy; LOCAL = County & Local Parks; NPS = National Parks; PA_SF = Pennsylvania State Forest; PA_SGL = Pennsylvania State Game Land; PA_SP = Pennsylvania State Park; PRI_INHOLD = Private In-Holding	*Lackawanna_Managed_Lands.shp*
DESCRIPTIO	Description of Land Use, according to ANALGROUP value	*Lackawanna_Managed_Lands.shp*
NEPA_4F	NEPA 4F Indicator – Created to designate the likelihood of triggering a Section 4F evaluation Yes = Likely to trigger Section 4F; No = Not Likely to trigger Section 4F; Maybe = Possibly trigger Section 4F	*<< CREATED >>*

Shape File Name	*LackCo_SavedFarmlands*
Description	*Agricultural Easements*
Narrative:	
	Shape file was received from the North Branch Land Trust and was used to identify potential NEPA implications of projects near lands held in agricultural (farmland) easements in Lackawanna County Pennsylvania.
Parent Shape File(s)	*<< UNKNOWN >>*
Source	*North Branch Land Trust*
Type	*Polygon*
# of Features	*51*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701*
Extent	*Lackawanna County*
Data Date	*Unknown*

Field Name	Description	Source
OBJECTID	ID number	*LackCo_SavedFarmlands.shp*
PRMAP		*LackCo_SavedFarmlands.shp*
PIN		*LackCo_SavedFarmlands.shp*
SUBDIVISIO		*LackCo_SavedFarmlands.shp*
PLATBOOKNO		*LackCo_SavedFarmlands.shp*
PLATBOOKPA		*LackCo_SavedFarmlands.shp*
TOTALPROPE		*LackCo_SavedFarmlands.shp*
ASSESSEDAC		*LackCo_SavedFarmlands.shp*
OBJECTID_1		*LackCo_SavedFarmlands.shp*
PRMAP_1		*LackCo_SavedFarmlands.shp*
MUNICIPALC		*LackCo_SavedFarmlands.shp*
WARDNO		*LackCo_SavedFarmlands.shp*
OWNERNAME	Owner	*LackCo_SavedFarmlands.shp*
LANDVALUE	Land value	*LackCo_SavedFarmlands.shp*
IMPROVEDVA		*LackCo_SavedFarmlands.shp*
LOCATION	Location	*LackCo_SavedFarmlands.shp*
ADDRESS	Address	*LackCo_SavedFarmlands.shp*
CITYSTATE	City and state	*LackCo_SavedFarmlands.shp*
ZIPCODE	Zip code	*LackCo_SavedFarmlands.shp*
EXEMPTCODE		*LackCo_SavedFarmlands.shp*
TOTALVALUE	Total value	*LackCo_SavedFarmlands.shp*
DIMENSIONS	Dimensions	*LackCo_SavedFarmlands.shp*

Field Name	Description	Source
DATEACQUIR	Date Acquired	*LackCo_SavedFarmlands.shp*
DEEDBOOKNO		*LackCo_SavedFarmlands.shp*
DEEDPAGENO		*LackCo_SavedFarmlands.shp*
SUBDIVIS_1		*LackCo_SavedFarmlands.shp*
DWELLINGTY		*LackCo_SavedFarmlands.shp*
CONSIDERAT		*LackCo_SavedFarmlands.shp*
LASTACTION		*LackCo_SavedFarmlands.shp*
PIN_1		*LackCo_SavedFarmlands.shp*
SUFFIX		*LackCo_SavedFarmlands.shp*

Shape File Name	*LCTA_ServiceArea*
Description	*Luzerne County Transportation Authority (LCTA) Service Area*

Narrative:

*The Luzerne County Transportation Authority (LCTA) Service Area was estimated assuming a ¼-mile (1320 foot) buffer around the LCTA Transit Routes, as given in the LCTA Transit Routes shape file. Schedule and Hours of Operation information was coded into this shape file based on information provided by LCTA on their web page (*http://www.lctabus.com/*), as of May 2008. Transit "Quality-of-Service" was determined based on HEADWAY and the total daily hours of operation, according to the criteria in the Transit Capacity and Quality of Service Manual, 2003 Edition, Chapter 3.*

Parent Shape File	*<< None >>*
Source	*Luzerne County Transportation Authority Website; McCormick Taylor*
Type	*Line*
# of Features	*15*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Luzerne County Transportation Authority Service Area*
Data Date	*05/22/2009*

Field Name	Description	Source
ROUTENAME	Route Name	*<< CREATED >>*
NOTES	Notes	*<< CREATED >>*
HEADWAY	Average Bus Headway – Weekday	*<< CREATED >>*
START	Start Time – Weekday (24-hour format)	*<< CREATED >>*
END	End Time – Weekday (24-hour format)	*<< CREATED >>*
QOS	Quality of Service – As estimated using the Transit Capacity and Quality of Service Manual, 2003 Edition, Chapter 3	*<< CREATED >>*
BUFF_DIST	Buffer Distance – ¼-mile (1320 feet)	*<< CREATED >>*

Shape File Name	*LCTA_TransitRoutes*
Description	*Luzerne County Transportation Authority (LCTA) Bus Routes*

Narrative:

The Luzerne County Transportation Authority (LCTA) Transit Routes were coded into this shape file based on the route, schedule, and hours of operation information provided by LCTA on their web page (http://www.lctabus.com/), as of May 2008. Transit "Quality-of-Service" was determined based on HEADWAY and the total daily hours of operation, according to the criteria in the Transit Capacity and Quality of Service Manual, 2003 Edition, Chapter 3.

Parent Shape File	*<< None >>*
Source	*Luzerne County Transportation Authority Website; McCormick Taylor*
Type	*Line*
# of Features	*15*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Luzerne County Transportation Authority Service Area*
Data Date	*05/22/2009*

Field Name	Description	Source
ROUTENAME	Route Name	*<< CREATED >>*
NOTES	Notes	*<< CREATED >>*
HEADWAY	Average Bus Headway – Weekday	*<< CREATED >>*
START	Start Time – Weekday (24-hour format)	*<< CREATED >>*
END	End Time – Weekday (24-hour format)	*<< CREATED >>*
QOS	Quality of Service – As estimated using the Transit Capacity and Quality of Service Manual, 2003 Edition, Chapter 3	*<< CREATED >>*

Shape File Name	*LRTP_All_Merge_Cost*
Description	*Long Range Transportation Plan Projects Shape File.*

Narrative:

This "Projects" shape file is the primary GIS catalog of information used to identify and ultimately prioritize LRTP projects. The initial version of this file was created from an export of the MPMS database for Lackawanna and Luzerne Counties, as provided by PennDOT District 4-0. New projects were added to the shape file as they were suggested during the LRTP process. Data from other layers were progressively joined into this file using the JOIN_IDs or locational joins, as appropriate. This file also served as the source file used in creating the project "cut-sheets," which were created in the MapBooks extension for ArcGIS. Only a limited amount of data was entered by hand. We note the following data attribution issues:

Location of Projects: In general, projects were associated with a single, specific roadway segment (or pair of one-way segments, where the highway was divided). However, for larger projects, including those addressing multiple locations in a corridor, the segment number was selected to be somewhere within the project area. The traffic, crash, and volume/capacity data were then joined based on this specific segment number, which is reflected in the JOIN_ID. In most cases, the data from the specific segment will be reprsentative of the project as a whole. However, there are instances where other segments in the project area may have different values. For intersection project types, the location is particularly relevant, since the crash DELTA may be much higher on the minor streets than on the major street, which is more likely the segment associated with the project.

Roadway Data Collected at different Geographies: Some data sets, including International Roughness Index (IRI) and RMS data, were not collected at the segment level such that a direct, "one-to-one" relationship existed between the contributing data and the segment used in the Projects file. For these data sets, segment level joins based on the table data were not possible, and locational joins were used to fill fields in the Projects file. However, where roadways cross or are otherwise close together, there was some ambiguity about what information was being joined into the Projects file. In these cases, a sampling of values was often used (maximum, minimum, and average).

Parent Shape File	*MPMSI_PROJECTS_46917361; MPMSI_PROJECTS_ 70611208*
Source	*McCormick Taylor*
Type	*Line*
# of Features	*352*
Projection	*NAD83_PROJ*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*4/9/2010*

Field Name	Description	Source
COUNTY	County Lackawanna (35), Luzerne (40)	MPMS
PROJ_ID	Project ID MPMS Number for projects already in MPMS; <1000 for new LRTP projects	MPMS or LRTP
PROJECT	Project Name	MPMS (as revised)
NARRATIVE	Project Description	MPMS (as revised)
MUNICIPAL	Municipality	MPMS (as revised)
CATEGORY	Project Category (revised)	MPMS (as revised)
CATEGORY_1	Project Category (original from MPMS)	MPMS
SR_1	State Route 1	XPASDA09_RMSSEG_Clip
SEG_1	Segment 1	XPASDA09_RMSSEG_Clip
SR_2	State Route 2 -- Created only when project is on a divided highway section	XPASDA09_RMSSEG_Clip
SEG_2	Segment 2 -- Created only when project is on a divided highway section	XPASDA09_RMSSEG_Clip
AADT	Average Annual Daily Traffic (AADT) volume – 2009 traffic conditions Highest total, two-way AADT for segment(s) in project area	XPASDA09_RMSTRAFFIC_Clip
ADTT	Average Daily Truck Traffic (ADTT) volume – 2009 traffic conditions Highest total, two-way ADTT for segment(s) in project area	XPASDA09_RMSTRAFFIC_Clip

Field Name	Description	Source
TRK_PCT	Truck Percent – 2009 traffic conditions Highest value for segment(s) in project area	XPASDA09_RMSTRAFFIC_Clip
JOIN_ID1	Join ID 1 -- Used to join project records with other shapefiles Created by concatenating COUNTY, SR_1, and SEG_1 values	<< CREATED >>
JOIN_ID2	Join ID 2 -- Used to join project records with other shapefiles; created when project is on a divided highway section Created by concatenating COUNTY, SR_2, and SEG_2 values	<< CREATED >>
FUNC_CLS	Federal Functional Class 01 = Rural Principal Arterial Interstate; 02 = Rural Principal Arterial Other; 06 = Rural Minor Arterial; 07 = Rural Major Collector; 08 Rural Minor Collector; 09 = Rural Local; 11 = Urban Principal Arterial Interstate; 12 = Urban Principal Arterial Other Freeways; 14 = Urban Other Principal Arterial; 16 = Urban Minor Arterial; 17 = Urban Collector; 19 = Urban Local; 99 = Ramp	XPASDA09_RMSADMIN_Clip
VC	2009 Volume-to-Capacity Ratio (based on AADT)	Lack_Luz_VC
VC30	2030 Volume-to-Capacity Ratio (based on AADT forecast)	Lack_Luz_VC
DELTA3	Crash Rate DELTA value Highest value of DELTA3 for segment(s) in project area	CRASH_LACKAWANNA_ALL_0307 CRASH_LUZERNE_ALL_0307
SIG_COUNT	Number of Traffic Signals impacted by project	LackLuz_Signal_District4
BRG_COUNT	Number of Bridges impacted by project	XPP_BMS2BRIDGE_V
MIN_BYPASS	Minimum bypass length for bridges impacted by project	XPP_BMS2BRIDGE_V
MAX_BYPASS	Maximum bypass lenth for bridges impacted by project	XPP_BMS2BRIDGE_V
MIN_SUFF_R	Minimum sufficiency rating for bridges impacted by project	XPP_BMS2BRIDGE_V
MAX_SUFF_R	Maximum sufficiency rating for bridges impacted by project	XPP_BMS2BRIDGE_V
MIN_IRI	Minimum IRI value for roadway segments impacted by project	LackLuz_IRI
MAX_IRI	Maximum IRI value for roadway segments impacted by project	LackLuz_IRI
COLTS	Number of County of Lackawanna Transit System (COLTS) bus routes that cross project area	COLTS_TransitRoutes
LCTA	Number of Lackawanna County Transportation Authority (LCTA) bus routes that cross project area	LCTA_TransitRoutes
HPT	Number of Hazleton Public Transit (HPT) bus routes that cross project area	HPT_TransitRoutes
FAF_COUNT	Number of Freight Analysis Framework segments in project area	faf2_network_data_Clip
AVG_AADT35	Average of the 2035 AADT for all FAF segments in project area	faf2_network_data_Clip
MIN_AADT35	Minimum of the 2035 AADT for all FAF segments in project area	faf2_network_data_Clip
MAX_AADT35	Maximum of the 2035 AADT for all FAF segments in project area	faf2_network_data_Clip
AVG_AADTT3	Average of the 2035 AADTT for all FAF segments in project area	faf2_network_data_Clip
MIN_AADTT3	Minimum of the 2035 AADTT for all FAF segments in project area	faf2_network_data_Clip
MAX_AADTT3	Maximum of the 2035 AADTT for all FAF segments in project area	faf2_network_data_Clip
COMP_ZONE	Comprehensive Plan Zone from Preliminary Land Use Plan mapping Priority = Priority Area; ; MDIA = Medium-Density Infill Area; LDIA = Low-Density Infill Area; Green = Conservation Area	Prelim LU Base_GIS.bmp
CRIT_01	Score based on Project Prioritization Criterion #1 Values = 1, 2, or 3	<< CREATED >>
CRIT_02	Score based on Project Prioritization Criterion #2 Values = 1, 2, or 3	<< CREATED >>
CRIT_03	Score based on Project Prioritization Criterion #3 Values = 1, 2, or 3	<< CREATED >>
CRIT_04	Score based on Project Prioritization Criterion #4 Values = 1, 2, or 3	<< CREATED >>

Field Name	Description	Source
CRIT_05	Score based on Project Prioritization Criterion #5 Values = 1, 2, or 3	<< CREATED >>
CRIT_06	Score based on Project Prioritization Criterion #6 Values = 1, 2, or 3	<< CREATED >>
CRIT_TOTAL	Total Score of Prioritization Criteia Values Calculated as (CRIT_1 + CRIT_2 + CRIT_3 + CRIT_4 + CRIT_5 + CRIT_6)	<< CREATED >>
TUP	Environmental Justice and Traditionally Underserved Population Indicator -- Indicate that the concentration of minority, in-poverty, and/or other traditionally underserved populations are greater than the Two-County average in a block group adjacent to the project area TUP only = Disabled, Senior, Low-English Proficiency, and/or Zero-Car Household population. EJ - One = Minority or Low-Income population. EJ - One + TUP = Minority or Low-Income population; and other TUP population. EJ - BOTH + TUP = Minority and Low-Income population; and other TUP population. None - No Minority, Low-Income, or TUP population. N/A - Not applicable (for line items, transit projects, etc.) Unknown - Location of project is unknown.	<< CREATED >>
NHS	National Highway System (NHS) Indicator Yes = Project is on the National Highway System No = Project is not on the National Highway System	XPASDA09_RMSSEG_Clip
PED_CRASH	Pedestrian Crash Indicator Yes = One or more reportable pedestrian crashes occurred on a segment within the project area (2002-2006) No = No reportable pedestrian crashes occurred on a segment within the project area (2002-2006)	PedCrash_LackLuz_ALL_0206
ROUTE_PREF	Route Prefix I = Interstate; US = U.S. Highway; PA = PA Highway (three digit); SR = State Routes (four digit); K = K-Route; <blank> = No designation	XPASDA09_RMSSEG_Clip
RANK	Project Rank -- According to CRIT_TOTAL, with CRIT_01 and CRIT_02 used as tie-breakers	<< CREATED >>
D4_LIST	DELETE	
MPMS_NOTE	Comment on MPMS information	<< CREATED>>
MPMS_LIST	DELETE	
ORIGIN	DELETE	
CODE	DELETE	
NEPA_WET	Wetland Indicator -- A documented wetland is within 75 feet of the project area Yes; No	NWI_Wetlands_LackLuz
NEPA_STRM	Stream Indicator -- A Chapter 93 Designated Use stream is within 75 feet of the project area EV - Exceptional Value HQ - High Quality (Cold and Warm Water Fisheries & Trout Streams)	LackLuz_StreamsCh93DesUse
NEPA_HIST	Historic Resources Indicator -- A documented Historic Resource is within 75 feet of the project area Yes; No	McCormickHRF
NEPA_4F	Section 4F Indicator -- A documented use or resource that requires Section 4F evaluation is within 75 feet of the project area Yes - Resources requiring Section 4F evaluation are present Maybe - Resources that may require Section 4F evaluation are present No - Resources requiring Section 4F evaluation are not present	Lackawanna_Managed_Lands Luzerne_Managed_Lands WaterTrails_line Scenic_Rivers
NEPA_FLOOD	Flood Plain or Flood Way Indicator -- A FEMA flood plain or flood way is within 75 feet of the project area Yes; No	FEMA_LackLuz
NEPA_OTHER	Other Environmental Feature Indicator -- A use or resource that may trigger additional evaluation is within 75 feet of the project area Yes; No	eclu_20021009 NEPA_Partners_update_0808 LackCo_SavedFarmlands
NEPA_NOTE	Resource and/or uses that may require evaluation	WaterTrails_line Scenic_Rivers eclu_20021009 NEPA_Partners_update_0808

Field Name	Description	Source
		LackCo_SavedFarmlands
TRANSIT	Transit Indicator -- A COLTS, LCTA, or HPT bus route crosses the project area Yes; No	COLTS_TransitRoutes LCTA_TransitRoutes HPT_TransitRoutes
EJ_IND	Environmental Justice Population Indicator -- The concentration of minority and/or in-poverty populations are greater than the Two-County average in a block group adjacent to the project area Yes; No	Lack_Luz_BG_ALL
TUP_IND	Environmental Justice Indicator -- The concentration of a traditionally underserved population (TUP) is greater than the Two-County average in a block group adjacent to the project area Yes; No	Lack_Luz_BG_ALL
MODE	DELETE	
DELETE	DELETE	
NEED	Description of the primary need that would be addressed by the project	<< CREATED >>
BSJ_IND	DELETE	
MPMS_IND	MPMS status of the project ACTIVE PROJECT; CANDIDATE; NEW PROJECT PROGRAMMED	MPMS
1_FED	Federal project expenditure in the first four years of the Pennsylvania Twelve Year Plan (TYP) Given only for projects in MPMS	MPMS
1_STA	State project expenditure in the first four years of the Pennsylvania Twelve Year Plan (TYP) Given only for projects in MPMS	MPMS
1_LOC	Local project expenditure in the first four years of the Pennsylvania Twelve Year Plan (TYP) Given only for projects in MPMS	MPMS
2_FED	Federal project expenditure in the second four years of the Pennsylvania Twelve Year Plan (TYP) Given only for projects in MPMS	MPMS
2_STA	State project expenditure in the second four years of the Pennsylvania Twelve Year Plan (TYP) Given only for projects in MPMS	MPMS
2_LOC	Local project expenditure in the second four years of the Pennsylvania Twelve Year Plan (TYP) Given only for projects in MPMS	MPMS
3_FED	Federal project expenditure in the third four years of the Pennsylvania Twelve Year Plan (TYP) Given only for projects in MPMS	MPMS
3_STA	State project expenditure in the third four years of the Pennsylvania Twelve Year Plan (TYP) Given only for projects in MPMS	MPMS
3_LOC	Local project expenditure in the third four years of the Pennsylvania Twelve Year Plan (TYP) Given only for projects in MPMS	MPMS
11_14	Estimated project expenditure in the four year period of 2011 to 2014 Calculated as (1_FED + 1_STA + 1_LOC) for projects in MPMS; Estimated for new LRTP Projects	MPMS
15_16	Estimated project expenditure in the two year period of 2015 to 2016 Calculated as 1/2 * (1_FED + 1_STA + 1_LOC) for projects in MPMS; Estimated for new LRTP Projects	<< CREATED >>
17_18	Estimated project expenditure in the two year period of 2017 to 2018 Calculated as 1/2 * (1_FED + 1_STA + 1_LOC) for projects in MPMS; Estimated for new LRTP Projects	<< CREATED >>
19_22	Estimated project expenditure in the four year period of 2019 to 2022 Calculated as (3_FED + 3_STA + 3_LOC) for projects in MPMS; Estimated for new LRTP Projects	<< CREATED >>
23_30	Estimated project expenditure in the eight year period of 2023 to 2030 Estimated for all projects	<< CREATED >>
TOTAL	Estimated total project expenditure for the twenty year period of 2011 to 2030 Calculated as (11_14 + 15_16 + 17_18 + 19_22 + 23_30)	<< CREATED >>
LET_DATE	Estimated Let Date for the project	<< BLANK >>
COMP_DATE	Estimated Completion Date for the project	<< BLANK >>

Shape File Name	*Luzerne_Managed_Lands*
Description	*Luzerne County Managed Lands*
Narrative:	*Coverage showing stewardship of managed conservation lands in Luzerne County – includes federal, state, county, and privately owned lands including National and State Parks, Wildlife Refuges, and Forests, county parks, and private conservancy lands. Luzerne County information was clipped from the PA Conservation Stewardship layer, available via the PA State Data Center Web Page (http://www.pasda.psu.edu/).*
Parent Shape File(s)	*pasteward.shp*
Source	*Pennsylvania State University, via the PA State Data Center Web Page (http://www.pasda.psu.edu/)*
Type	*Polygon*
# of Features	*61*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Luzerne County*
Data Date	*1998*

Field Name	Description	Source
AREA	Area	*Luzerne_Managed_Lands.shp*
PERIMETER	Perimeter	*Luzerne_Managed_Lands.shp*
MGDL2_	Polygon Serial Number	*Luzerne_Managed_Lands.shp*
MGDL2_ID	Polygon Identifier	*Luzerne_Managed_Lands.shp*
MANAGER	National Gap Analysis Project code for type of manager	*Luzerne_Managed_Lands.shp*
OWNER	National Gap Analysis Project code for type of owner	*Luzerne_Managed_Lands.shp*
STATUS	National Gap Analysis Project land management status code 1 = Human disturbance of habitat legally prohibited (excepting managed access and/or interpretation) and non-human disturbance is not controlled unless it threatens human life or property; 2 = Naturalistic areas with a legal mandate prohibiting conversion to humanistic/cultural development; 3 = Any additional permanent conversion of lands to humanistic/cultural development uses is restricted by legal mandates 4 = No legal restriction on additional permanent conversion of lands; 0 = Private lands	*Luzerne_Managed_Lands.shp*
DIVISION	Name of steward agency, or "private"	*Luzerne_Managed_Lands.shp*
UNIT	Name of conservation land unit	*Luzerne_Managed_Lands.shp*
PA_MGMT_CO	Pennsylvania decimal elaboration of status code	*Luzerne_Managed_Lands.shp*
GAP_MGMT_C	Same as status above, but as decimal field	*Luzerne_Managed_Lands.shp*
UNIQUE_ID	Unique ID	*Luzerne_Managed_Lands.shp*
COLOR	Color	*Luzerne_Managed_Lands.shp*
LCODE	Alphabetic code indicating type of stewardship. CL = County and local parks; NB = National battlefield; NFOR = National forest; NFER = National experimental forest; NFSA = National forest scenic area; NFWA = National forest wilderness area; NHP = National historic park; NHS = National heritage site; NM = National memorial; NMP = National military park; NNL = National natural landmark; NRA = National recreation area; NWR = National wildlife refuge; OPC = Owned by private conservancy; PANC = PA chapter of The Nature Conservancy; PI = Private inholding in a conservation area; P = Private surrounded by different conservation lands; SFNA = State forest natural area;	*Luzerne_Managed_Lands.shp*

Field Name	Description	Source
	SFOR = State forest; SGL = State game land; SPK = State park; SPNA = State park natural area; WPAC = Western Pennsylvania Conservancy	
ACODE	Alternate stewardship code	*Luzerne_Managed_Lands.shp*
AKA	Alternative name for conservation land area	*Luzerne_Managed_Lands.shp*
ANALGROUP	Analysis Group CONSERVANCY = Conservancy; LOCAL = County & Local Parks; NPS = National Parks; PA_SF = Pennsylvania State Forest; PA_SGL = Pennsylvania State Game Land; PA_SP = Pennsylvania State Park; PRI_INHOLD = Private In-Holding	<< *CREATED* >>
DESCRIPTIO	Description of Land Use, according to ANALGROUP value	<< *CREATED* >>
NEPA_4F	NEPA 4F Indicator – Created to designate the likelihood of triggering a Section 4F evaluation Yes = Likely to trigger Section 4F; No = Not Likely to trigger Section 4F; Maybe = Possibly trigger Section 4F	<< *CREATED* >>

Shape File Name	*Luzerne_trailheads2007*
Description	*Trailhead locations in Luzerne County*
Narrative:	
	This shape file contains the point locations of trailheads in Luzerne County, as of 2007.
Parent Shape File	*None*
Source	*Luzerne County*
Type	*Point*
# of Features	*31*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Luzerne County*
Data Date	*04/16/2008*

Field Name	Description	Source
Id	Generic ID number	*Luzerne_trailheads2007*
trailname	Trail Name	*Luzerne_trailheads2007*
trailhead_	Trailhead Location	*Luzerne_trailheads2007*
parking	Number of Parking Spaces located at Trailhead	*Luzerne_trailheads2007*
other	Notes	*Luzerne_trailheads2007*

Shape File Name	*luzerne_trails_update_dec2007*
Description	*Trails in Luzerne County, Pennsylvania*
Narrative:	
	The Luzerne County Trails shape file includes existing and proposed trails in Luzerne County.
Parent Shape File	*None*
Source	*Luzerne County*
Type	*Line*
# of Features	*115*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Luzerne County*
Data Date	*12/01/2007*

Field Name	Description	Source
TRAIL_NAME	Trail name	*luzerne_trails_update_dec2007*
FEATURE	Trail features	*luzerne_trails_update_dec2007*
STATUS	Trail status	*luzerne_trails_update_dec2007*
NAME	Name	*luzerne_trails_update_dec2007*
phase	Phase	*luzerne_trails_update_dec2007*
dandl_flag	???	*luzerne_trails_update_dec2007*

Shape File Name	*McCormickHRF*
Description	*Historic Resources*
Narrative:	
	The Historic Resources layer was delivered with other accompanying information in a geodatabase and was used to identify potential NEPA implications of projects near historic and cultural resources.
Parent Shape File(s)	*HistoricsNoForm.mdb (geodatabase)*
Source	*Pennsylvania Historical and Museum Commission, Bureau for Historic Preservation*
Type	*Polygon*
# of Features	*3087*
Projection	*World_Polyconic*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*July 28, 2008*

Field Name	Description	Source
KEYNO	Key Number – Unique Identifier	*McCormickHRF.shp*
AREA	Historic Use Coverage Area	*McCormickHRF.shp*
ID	ID Number	*McCormickHRF.shp*
MAP_DISPLA	Map Display Code E = National Register Eligible; L = National Register Listed; N = National Historic Landmark; I = ???; U = ???; B = ???; D = ???	*McCormickHRF.shp*
MT_Number	McCormick Taylor Reference Number	*McCormickHRF.shp*

Shape File Name	*MultiLineStop*
Description	*Multi-Line Transit Stations – Bus Rapid Transit System Concept*
Narrative:	
	The Multi-Line Transit Stations shape file contains the conceptual point locations of transit stations at the intersection of multiple bus rapid transit lines.
Parent Shape File	*<< None >>*
Source	*McCormick Taylor*
Type	*Point*
# of Features	*4*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*08/18/2009*

Field Name	Description	Source
Id	Generic ID Number	*<< CREATED >>*
Name	Transit Station Name	*<< CREATED >>*

Shape File Name	*MultiLineStop_Buffer*
Description	*Multi-Line Transit Station Buffer Areas – Bus Rapid Transit System Concept*
Narrative:	
	The Multi-Line Transit Station Buffer shape file gives the estimated "catchment areas" that could be served by the Multi-Line Transit Stations.
Parent Shape File	*<< None >>*
Source	*McCormick Taylor*
Type	*Polygon*
# of Features	*4*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*08/18/2009*

Field Name	Description	Source
Id	Generic ID Number	*<< CREATED >>*
Name	Transit Station Name	*<< CREATED >>*
BUFF_DIST	Buffer Distance (2,640 feet = 1/2-mile)	*<< CREATED >>*

Shape File Name	*NEcounty_0708*
Description	*Agricultural Easements*

Narrative:

Shape file was received from the North Branch Land Trust and was used to identify potential NEPA implications of projects near lands held in agricultural (farmland) easements in Lackawanna, Luzerne, and neighboring counties in Northeastern Pennsylvania.

Parent Shape File(s)	<< *UNKNOWN* >>
Source	*North Branch Land Trust*
Type	*Polygon*
# of Features	*125*
Projection	*PASDA PA Albers*
Extent	*Carbon, Monroe, Wayne, Lackawanna, and Luzerne Counties*
Data Date	*07/2008*

Field Name	Description	Source
OWNER	Owner	*NEcounty_0708.shp*
ACQNO	Acquisition Number (???)	*NEcounty_0708.shp*
COUNTY	County	*NEcounty_0708.shp*

Shape File Name	*NEPA_Partners_update_0808*
Description	*Protected Lands held in trust as Conservancies and Easements*

Narrative:

Shape file was received from the North Branch Land Trust and was used to identify potential NEPA implications of projects near lands held in trust as conservancies and easements in Lackawanna, Luzerne, and neighboring counties in Northeastern Pennsylvania.

Parent Shape File(s)	<< *UNKNOWN* >>
Source	*North Branch Land Trust*
Type	*Polygon*
# of Features	*654*
Projection	*NAD_1983_UTM_Zone_18N*
Extent	*Northeast Pennsylvania*
Data Date	*08/2008*

Field Name	Description	Source
HoldingOrg	Holding organization	*NEPA_Partners_update_0808.shp*
Prop_Name	Property Name	*NEPA_Partners_update_0808.shp*
Prop_Name2	Property Name (secondary)	*NEPA_Partners_update_0808.shp*
Protection	Protection	*NEPA_Partners_update_0808.shp*
Pub_Access	Public Access	*NEPA_Partners_update_0808.shp*
Acres_Prot	Coverage Area Protected (acres)	*NEPA_Partners_update_0808.shp*
Year_Acq	Year Acquired	*NEPA_Partners_update_0808.shp*
Parcel_ID	Parcel ID	*NEPA_Partners_update_0808.shp*
Owner	Owner	*NEPA_Partners_update_0808.shp*
Owner2	Owner (secondary)	*NEPA_Partners_update_0808.shp*
Address1	Address #1	*NEPA_Partners_update_0808.shp*
Address2	Address #2	*NEPA_Partners_update_0808.shp*
Municipali	Municipality	*NEPA_Partners_update_0808.shp*
County	County	*NEPA_Partners_update_0808.shp*
State	PA	*NEPA_Partners_update_0808.shp*
Location	Clarifying Location Information	*NEPA_Partners_update_0808.shp*
SQMeters	Coverage Area (square meters)	*NEPA_Partners_update_0808.shp*
Calc_Acres	Coverage Area (acres) – GIS calculated	*NEPA_Partners_update_0808.shp*
Source	Source of Boundary	*NEPA_Partners_update_0808.shp*

Shape File Name	*ParkRide_LackLuz*
Description	*Park and Ride Lots*
Narrative:	
	This shape file contains the locations of formalized existing and proposed park and ride lots, based on research conducted by McCormick Taylor. Informal lots are not included.
Parent Shape File	*<< None >>*
Source	*McCormick Taylor*
Type	*Point*
# of Features	*10*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*11/24/2008*

Field Name	Description	Source
Id	Generic ID Number	<< CREATED >>
DESCRIP	Description of lot/location	<< CREATED >>
AGENCY	Agency in charge	<< CREATED >>
MUNICIPAL	Municipality of lot location	<< CREATED >>
LOCATION	Physical location (street or road name) of park and ride lot	<< CREATED >>
COUNTY	County of lot location	<< CREATED >>
STATUS	Current status of lot	<< CREATED >>
SPACES	Number of spaces in lot	<< CREATED >>

Shape File Name	*Prelim LU Base_SHAPE*
Description	*Priority Areas from the Comprehensive Plan Preliminary Land Use Basemap*

Narrative:

This shape file was created by tracing polygons over the Priority Areas illustrated in the Comprehensive Plan's Preliminary Land Use Basemap. The location of LRTP Projects in relation to the Priority Areas was used in the prioritization criteria for ranking projects.

Parent Shape File(s)	*None*
Source	*McCormick Taylor*
Type	*Polygon*
# of Features	*31*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*02/25/2010*

Field Name	Description	Source
ID	Generic ID Number	*<< CREATED >>*

Shape File Name	*PVMS_LackLuz*
Description	*PennDOT Variable Message Signs*
Narrative:	
	This shape file contains the point locations of PennDOT's variable message signs in Lackawanna and Luzerne Counties.
Parent Shape File	*PVMS.shp*
Source	*PennDOT Engineering District 4-0*
Type	*Point*
# of Features	*37*
Projection	*GCS_North_American_1983*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*03/26/2008*

Field Name	Description	Source
VMS_NO	Variable Message Sign Number	*PVMS.shp*
COUNTY	County	*PVMS.shp*
SR	State Route	*PVMS.shp*
DIRECTION	Direction	*PVMS.shp*
SEG_OFF	Segment and Offset	*PVMS.shp*
NEXT_EXIT_	Next Exit	*PVMS.shp*
LAT_	Latitude (degrees, minutes, seconds)	*PVMS.shp*
LONG	Longitude (degrees, minutes, seconds)	*PVMS.shp*
SERIAL_NO_	Serial Number	*PVMS.shp*
INSTALL_DA	Installation Date	*PVMS.shp*
SOURCE	Source Project	*PVMS.shp*
MANUFACTUR	Sign Manufacturer	*PVMS.shp*
MODEL_NO_	Sign Model number	*PVMS.shp*
PHONE_NO_	Sign Access Phone Number	*PVMS.shp*
TYPE	Sign Access Type	*PVMS.shp*
COMPANY	Access Carrier	*PVMS.shp*
A		*PVMS.shp*
B		*PVMS.shp*
POWER	Power Supply Type	*PVMS.shp*
BEHIND_G_R	Behind Guide Rail Indicator	*PVMS.shp*
RADAR	Radar Indicator	*PVMS.shp*
CONC__PAD	Concrete Pad Indicator	*PVMS.shp*

Field Name	Description	Source
ISSUES	Operational Issues	*PVMS.shp*
SITE_NO_	Site Number	*PVMS.shp*
LAT_DD	Latitude (decimal degrees – text format)	*PVMS.shp*
LONG_DD	Longitude (decimal degrees – text format)	*PVMS.shp*
lat_dd1	Latitude (decimal degrees – numeric format)	*PVMS.shp*
long_dd1	Longitude (decimal degrees – numeric format)	*PVMS.shp*

Shape File Name	*RapidTransitLines*
Description	*Bus Rapid Transit and Light Rail Lines – Bus Rapid Transit System Concept*
Narrative:	
	The Rapid Transit Lines shape file includes both Bus Rapid Transit System and Light Rail Lines that are a part of the Rapid Transit Concept.
Parent Shape File	*<< None >>*
Source	*McCormick Taylor*
Type	*Line*
# of Features	*7*
Projection	*Unknown*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*08/18/2009*

Field Name	Description	Source
Id	Generic ID Number	*<< CREATED >>*
Name	Transit Line Name	*<< CREATED >>*
TYPE	Transit Type	*<< CREATED >>*

Shape File Name	*Scenic_Rivers*
Description	*Pennsylvania State-Designated Scenic Rivers*

Narrative:

This shape file documents Scenic River areas, which are generally those rivers or sections of rivers that are free of impoundments, with shorelines or watersheds still largely primitive and shorelines largely undeveloped, but accessible in places by roads. The information was used to identify potential NEPA implications of projects near designated Scenic Rivers.

Parent Shape File(s)	*None*
Source	*Environmental Resources Research Institute via the Pennsylvania State Data Center Web Site (www.pasda.psu.edu)*
Type	*Polygon*
# of Features	*12*
Projection	*Clarke_1866_Albers*
Extent	*Pennsylvania*
Data Date	*05/01/1996*

Field Name	Description	Source
AREA	Area	*Scenic_Rivers.shp*
PERIMETER	Perimeter	*Scenic_Rivers.shp*
SSCNRIV_	Identifier #1	*Scenic_Rivers.shp*
SSCNRIV_ID	Identifier #2	*Scenic_Rivers.shp*
UNIQUE_ID	Unique ID Number	*Scenic_Rivers.shp*
NAME19	Name of Scenic River	*Scenic_Rivers.shp*

Shape File Name	*Signals_District4_LackLuz*
Description	*Traffic Signals*

Narrative:

The point locations of Traffic Signals within all of PennDOT District 4-0 were received in an MS Excel table that included latitude and longitude information. McCormick Taylor geocoded the signal locations and clipped the resulting shape file to the Lackawanna and Luzerne County area.

Parent Shape File	*Signals_District4*
Source	*PennDOT Engineering District 4-0*
Type	*Point*
# of Features	*619*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*06/15/2009*

Field Name	Description	Source
COUNTY_COD	County Code 35 = Lackawanna County; 40 = Luzerne County	*Signals_District4*
COUNTY	County Name	*Signals_District4*
MUNICIPAL	Municipality	*Signals_District4*
MAJOR_STRE	Major Street	*Signals_District4*
MINOR_STRE	Minor Street	*Signals_District4*
SR1	State Route Number 1	*Signals_District4*
SR2	State Route Number 2	*Signals_District4*
NUMBER		*Signals_District4*
LONGITUDE	Longitude (decimal degrees)	*Signals_District4*
LATITUDE	Latitude (decimal degrees)	*Signals_District4*

Shape File Name	*SingleLineStop*
Description	*Single-Line Transit Stations – Bus Rapid Transit System Concept*
Narrative:	
	The Single-Line Transit Stations shape file contains the conceptual point locations of transit stations along a single bus rapid transit lines.
Parent Shape File	*<< None >>*
Source	*McCormick Taylor*
Type	*Point*
# of Features	*40*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*08/18/2009*

Field Name	Description	Source
Id	Generic ID Number	*<< CREATED >>*
Name	Transit Station Name	*<< CREATED >>*
TRANS_LINE	Transit Line Name	*<< CREATED >>*

Shape File Name	*SingleLineStop_Buffer*
Description	*Single-Line Transit Station Buffer Areas – Bus Rapid Transit System Concept*
Narrative:	
	The Single-Line Transit Station Buffer shape file gives the estimated "catchment areas" that could be served by the Single-Line Transit Stations.
Parent Shape File	*<< None >>*
Source	*McCormick Taylor*
Type	*Polygon*
# of Features	*38*
Projection	*NAD_1983_StatePlane_Pennsylvania_North_FIPS_3701_Feet*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*08/18/2009*

Field Name	Description	Source
Id	Generic ID number	*<< CREATED >>*
Name	Transit Station Name	*<< CREATED >>*
Rail_Line	Rail Line	*<< CREATED >>*
BUFF_DIST	Buffer Distance (2,640 feet = 1/2-mile)	*<< CREATED >>*

Shape File Name	*SSES_Evac_Routes*
Description	*Susquehanna Steam Electric Station (SSES) Evacuation Routes*

Narrative:

This shape file contains the Evaluation Routes designated near the Susquehanna Steam Electric Station for use during an emergency situation. This information was requested by the Emergency Management Coordinator of Luzerne County and provided by the Pennsylvania Emergency Management Agency (PEMA). The data was used to identify "critical infrastructure" along routes of importance in Lackawanna and Luzerne Counties.

Parent Shape File	*SSES_Evac_Rts (layer within Transfer geodatabase)*
Source	*PA Emergency Management Agency*
Type	*Line*
# of Features	*662*
Projection	*GCS_North_American_1983*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*07/28/2008*

Field Name	Description	Source
ROUTE_ID	Route ID	*SSES_Evac_Rts*
SITE_ID	Site ID	*SSES_Evac_Rts*
CENTER_ID	Center ID	*SSES_Evac_Rts*
STARTING_M	Starting M Value	*SSES_Evac_Rts*
SEGMENT_ID	Segment ID	*SSES_Evac_Rts*
SEQUENCE_N	Sequence Number	*SSES_Evac_Rts*
CTY_CODE	County Code 35 = Lackawanna County; 40 = Luzerne County	*SSES_Evac_Rts*
ST_RT_NO	State route number	*SSES_Evac_Rts*
JURIS	Jurisdiction	*SSES_Evac_Rts*
SIDE_IND	Right/Left Side Indicator 1 = Right side (Even numbered segments); 2 = Left side (Odd numbered segments)	*SSES_Evac_Rts*
SEG_BGN	Segment Number at Attribute Beginning Point	*SSES_Evac_Rts*
OFFSET_BGN	Offset at Attribute Beginning Point	*SSES_Evac_Rts*
SEG_END	Segment Number at Attribute Ending Point	*SSES_Evac_Rts*
OFFSET_END	Offset at Attribute Ending Point	*SSES_Evac_Rts*
IS_LOCAL_R	Local Route Indicator T = Local Route; F = Not a Local Route	*SSES_Evac_Rts*
LOCAL_STRE	Local Street Name	*SSES_Evac_Rts*
IS_OUTSIDE	Outside Indicator	*SSES_Evac_Rts*
OUTSIDE_ST	Outside Street Name	*SSES_Evac_Rts*
NUM_VEHICL	Number of Vehicles	*SSES_Evac_Rts*
Shape_Leng	Length of feature (miles)	*SSES_Evac_Rts*

Shape File Name	*StreamsCh93DesUse_LackLuz*
Description	*Chapter 93 Designated Use for streams in Lackawanna and Luzerne Counties*
Narrative:	
	The Designated Use Streams layer was used to identify potential NEPA implications of projects adjacent to streams.
Parent Shape File(s)	*StreamsChapter93DesignatedUse200812.shp*
Source	*Pennsylvania Department of Environmental Protection (PADEP) via the Pennsylvania State Data Center Web Site (www.pasda.psu.edu)*
Type	*Line*
# of Features	*3078*
Projection	*albers_dep*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*12/01/2008*

Field Name	Description	Source
DES_USE_GE		*StreamsChapter93DesignatedUse200812.shp*
STR_HUC		*StreamsChapter93DesignatedUse200812.shp*
BASIN		*StreamsChapter93DesignatedUse200812.shp*
BASIN_NARR		*StreamsChapter93DesignatedUse200812.shp*
SEG_NARRAT		*StreamsChapter93DesignatedUse200812.shp*
DATE_EVAL		*StreamsChapter93DesignatedUse200812.shp*
DES_USE_ID		*StreamsChapter93DesignatedUse200812.shp*
MIGRA_FISH		*StreamsChapter93DesignatedUse200812.shp*
DESIGNATED		*StreamsChapter93DesignatedUse200812.shp*
USER_		*StreamsChapter93DesignatedUse200812.shp*
LASTEDIT_U		*StreamsChapter93DesignatedUse200812.shp*
LASTEDIT		*StreamsChapter93DesignatedUse200812.shp*
REACH_CODE		*StreamsChapter93DesignatedUse200812.shp*
COM_ID		*StreamsChapter93DesignatedUse200812.shp*
F_MEASURE		*StreamsChapter93DesignatedUse200812.shp*
T_MEASURE		*StreamsChapter93DesignatedUse200812.shp*
LENGTH_MIL		*StreamsChapter93DesignatedUse200812.shp*
MAP_SYMBOL	Designated Use Symbol Code	*StreamsChapter93DesignatedUse200812.shp*
GNIS_ID		*StreamsChapter93DesignatedUse200812.shp*
GNIS_NAME		*StreamsChapter93DesignatedUse200812.shp*
USE_DESCRI	Designated Use Description	*StreamsChapter93DesignatedUse200812.shp*
LEN		*StreamsChapter93DesignatedUse200812.shp*

Field Name	Description	Source
Shape_Leng		*StreamsChapter93DesignatedUse200812.shp*
symbology		*<< CREATED >>*

Shape File Name	*VC_LackLuz*
Description	*Existing (2006) and Forecasted (2030) Volume-to-Capacity Ratios for Roadway Segments*
Narrative:	
	File contains attributes used in the calculation of Existing (2006) and Forecasted (2030) volume-to-capacity ratios for roadway segments in Lackawanna and Luzerne Counties. The XPASDA_RMSSEG file was used as foundational file, with data from XPASDA_RMSTRAFFIC joined by attribute to create the Lack_Luz_VC file. *Roadway capacity was estimated using geometric and functional attributes of the roadway, according to the Methodology that is attached with this description.*
Parent Shape Files	*XPASDA_RMSSEG; XPASDA_RMSTRAFFIC*
Source	*PA Department of Transportation (PennDOT) via PA State Data Center*
Type	*Line*
# of Features	*4775*
Projection	*NAD83_GEO*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*07/31/2007*

Field Name	Description	Source
ST_RT_NO	State Route Number	*XPASDA_RMSSEG.shp*
CTY_CODE	County Code 35 = Lackawanna County; 40 = Luzerne County	*XPASDA_RMSSEG.shp*
DISTRICT_N	PennDOT Engineering District	*XPASDA_RMSSEG.shp*
JURIS	Jurisdiction Code 1 = State; 2 = Turnpike; 4 = Local road; 5 = Non-State Federal Aid roads; 6 = Toll bridges	*XPASDA_RMSSEG.shp*
SEG_NO	Segment Number	*XPASDA_RMSSEG.shp*
SEG_LNGTH_	Segment Length (feet)	*XPASDA_RMSSEG.shp*
DIR_IND	Direction Indicator N = North; S = South; E = East; W = West; B = Both	*XPASDA_RMSSEG.shp*
FAC_TYPE	Facility Type (One-Way Indicator) 1 = One-way; 2 = Two-way	*XPASDA_RMSSEG.shp*
TOTAL_WIDT	Total Paved Width of Roadway (feet)	*XPASDA_RMSSEG.shp*
LANE_CNT	Number of Lanes	*XPASDA_RMSSEG.shp*
DIVSR_TYPE	Divisor Type – Type of barrier or median on divided roadway segment 0 = None (not divided); 2 = Paint; 3 = Earth; 4 = Paint more than 4 feet wide; 5 = Curb; 6 = City block; 7 = Natural barrier (trees, fill, etc.); 8 = Mountable curb	*XPASDA_RMSSEG.shp*
DIVSR_WIDT	Divisor Width (feet) – Width of barrier or median on divided road segment	*XPASDA_RMSSEG.shp*
CUR_AADT	Current Average Annual Daily Traffic (AADT) Volume – 2006 traffic conditions	*XPASDA_RMSSEG.shp*
ACCESS_CTR	Access Control Code 1 = Limited Access; 2 = Partial Access; 3 = No Access Control	*XPASDA_RMSSEG.shp*
TOLL_CODE	Toll Code 1 = Toll bridge	*XPASDA_RMSSEG.shp*
STREET_NAM	Street Name	*XPASDA_RMSSEG.shp*
TRAF_RT_NO	Traffic Route Number Prefix	*XPASDA_RMSSEG.shp*

Field Name	Description	Source
TRAF_RT_N1	Traffic Route Number	*XPASDA_RMSSEG.shp*
TRAF_RT_N2	Traffic Route Number Suffix	*XPASDA_RMSSEG.shp*
SIDE_IND	Right/Left Side Indicator 1 = Right side (Even numbered segments); 2 = Left side (Odd numbered segments)	*XPASDA_RMSSEG.shp*
ADTT_CUR	Average Daily Truck Traffic (ADTT) Volume – 2006 traffic conditions	*XPASDA_RMSTRAFFIC.shp*
TRK_PCT	Truck Percent – 2006 traffic conditions	*XPASDA_RMSTRAFFIC.shp*
DLY_VMT	Daily Vehicle Miles of Travel – 2006 traffic conditions Calculated as [Segment Length] x [CUR_AADT]	*XPASDA_RMSTRAFFIC.shp*
DLY_TRK_VM	Daily Vehicle Miles of Truck Travel – 2006 traffic conditions Calculated as [Segment Length] x [ADTT_CUR]	*XPASDA_RMSTRAFFIC.shp*
FUNC_CLS	Federal Functional Class 01 = Rural Principal Arterial Interstate; 02 = Rural Principal Arterial Other; 06 = Rural Minor Arterial; 07 = Rural Major Collector; 08 Rural Minor Collector; 09 = Rural Local; 11 = Urban Principal Arterial Interstate; 12 = Urban Principal Arterial Other Freeways; 14 = Urban Other Principal Arterial; 16 = Urban Minor Arterial; 17 = Urban Collector; 19 = Urban Local; 99 = Ramp	*XPASDA_RMSADMIN.shp*
URBAN	Urbanized Area Indicator – Coded based on FUNC_CLS designation Yes = Within an Urbanized Area; No = Not within an Urbanized Area	<< *CREATED* >>
DIVIDED	Divided Roadway Indicator Yes = Roadway segment is divided; No = Roadway segment is not divided	<< *CREATED* >>
ICAP	Initial Lane Capacity per Lane assumed for Roadway Segment (passenger cars per hour per lane) Assigned according to Methodology described below	<< *CREATED* >>
SEG_ICAP	Initial Segment Capacity assumed for Roadway Segment (passenger cars per hour) Calculated as [ICAP] * [LANE_CNT], according to Methodology described below	<< *CREATED* >>
FW	Lane Width Capacity Adjustment Factor Calculated according to Methodology described below	<< *CREATED* >>
FHV	Heavy Vehicle Capacity Adjustment Factor Calculated according to Methodology described below	<< *CREATED* >>
FACTYPE_AD	Capacity Added on multi-lane roadways with one-way traffic flow, including city streets and limited access highways (passenger cars per hour per lane) Added according to Methodology described below	<< *CREATED* >>
SEG_ADCAP	Total Capacity of the roadway segment (passenger cars per hour) Calculated as { [SEG_ICAP] * [FW] * [FHV] } + [FACTYPE_AD], according to Methodology described below	<< *CREATED* >>
K	K-Factor – Assumed ratio of the Design Hour Volume (DHV) to the AADT Volume; Used to convert the AADT to a DHV Assigned according to Methodology described below	<< *CREATED* >>
DHV	Design Hour Volume (DHV) – 2006 traffic conditions Calculated as [CUR_AADT] * [K], according to the Methodology described below	<< *CREATED* >>
VC	Volume-to-Capacity (VC) Ratio for 2006 traffic conditions Calculated as [DHV] / [SEG_ADCAP], according to Methodology described below	<< *CREATED* >>
GROWTH	Annual Growth Rate (%) assumed for roadway segment	<< *CREATED* >>
DHV_30	Design Hour Volume (DHV) – 2030 traffic conditions assuming compound traffic growth Calculated as [CUR_AADT] * { (1 + [GROWTH])^24, according to the Methodology described below	<< *CREATED* >>
VC_30	Volume-to-Capacity (VC) Ratio for 2030 traffic conditions, assuming no increase in roadway capacity Calculated as [DHV_30] / [SEG_ADCAP], according to Methodology described below	<< *CREATED* >>
2030_AADT	Forecasted Average Annual Daily Traffic (AADT) Volume – 2030 traffic conditions	<< *CREATED* >>
2006_AADT	Current Average Annual Daily Traffic (AADT) Volume – 2006 traffic conditions Identical to CUR_AADT	<< *CREATED* >>
JOIN_ID	Join ID – Used to join segment records with other shape files Created by concatenating CTY_CODE, ST_RT_NO, and SEG_NO values	<< *CREATED* >>

Methodology for Evaluating Volume-to-Capacity Ratios

Estimation of Capacity:

The Functional Class attribute was used to determine the initial lane capacity assigned to all lanes on the roadway segment. The initial value accounts for the area-type (urban or rural), functional level, and the degree of directional division provided. The following initial capacity values are based on information found in NCHRP Report 365 and the Highway Capacity Manual (HCM 2000).

Functional Class		Initial Capacity (passenger cars per hour per lane)	
		Divided	Undivided
01	Rural Principal Arterial -- Interstate	1,350	1,150
02	Rural Principal Arterial -- Other	1,250	1,200
06	Rural Minor Arterial	900	850
07	Rural Major Collector	850	800
08	Rural Minor Collector	850	800
09	Rural Local	750	700
11	Urban Principal Arterial -- Interstate	1,150	1,050
12	Urban Principal Arterial -- Other	1,100	1,000
14	Urban Minor Arterial	850	800
16	Urban Major Collector	800	750
17	Urban Minor Collector	800	750
19	Urban Local	700	650

The Initial Segment Capacity was obtained by multiplying the Initial Capacity by the number of lanes on the segment. Ramps (Facility Type 99) were not included in this analysis.

Adjustments to the Initial Segment Capacity were made to account for the roadway width, heavy vehicle presence, and other geometric attributes of the segment. The width and heavy vehicle adjustment factors were calculated according to the methods described in Chapter 16 of the Highway Capacity Manual (HCM 2000):

Lane Width Capacity Adjustment:

$Fw = 1 + [(W – 12)/30]$

W = Lane width

Heavy Vehicle Capacity Adjustment:

$Fhv = 100 / [100 + HV\% (Et – 1)]$

HV% = Heavy vehicle percentage of total traffic stream
Et = Passenger car equivalent for heavy vehicles = 2.0 pc/HV (HCM default)

Multi-Lane, One-Way Street Capacity Adjustment:

Capacities on multi-lane roadways with one-way traffic flow, including city streets and limited access highways, were increased by 100 vehicles per hour per lane (VPHPL) to account for the capacity benefits of these configurations.

Calculation of Design Hour Volumes:

The design hour volume (DHV) for each roadway segment was calculated based on the Current AADT and a “K” factor, which was assigned to each segment according to Facility Type, as follows:

Functional Class		K-Factor
01	Rural Principal Arterial -- Interstate	0.09
02	Rural Principal Arterial -- Other	0.09
06	Rural Minor Arterial	0.09
07	Rural Major Collector	0.08
08	Rural Minor Collector	0.08
09	Rural Local	0.08
11	Urban Principal Arterial -- Interstate	0.10
12	Urban Principal Arterial -- Other	0.10
14	Urban Minor Arterial	0.12
16	Urban Major Collector	0.09
17	Urban Minor Collector	0.09
19	Urban Local	0.09

Calculation of Volume-to-Capacity Ratio:

The Volume-to-Capacity Ratio (V/C) is the simple ratio of the design hour volume to the adjusted segment capacity.

Forecasting Traffic Volumes:

To forecast traffic volumes into the future, Growth Rates were assigned to each segment according to Facility Type, as follows:

Functional Class		Annual Growth Rate (% per year)
01	Rural Principal Arterial -- Interstate	3.2
02	Rural Principal Arterial -- Other	1.6
06	Rural Minor Arterial	1.6
07	Rural Major Collector	1.6
08	Rural Minor Collector	1.6
09	Rural Local	1.6
11	Urban Principal Arterial -- Interstate	3.2
12	Urban Principal Arterial -- Other	1.2
14	Urban Minor Arterial	1.2
16	Urban Major Collector	1.2
17	Urban Minor Collector	1.2
19	Urban Local	1.2

Traffic volume growth was compounded over the Growth Period to the horizon year (2030 for the Long Range Transportation Plan), as follows:

DHV_30 = DHV * { 1 + [Growth Rate] } ^ [Growth Period]

DHV = 2006 Design Hour Volume
Growth Rate = Annual Growth Rate from table divided by 100 (i.e., 3.2% per year = 0.032)
Growth Period = Number of years between the DHV year (2006) and the horizon year (2030) = 24 years

Shape File Name	*WaterTrails_line*
Description	*Water trails designated by the Pennsylvania Fish and Boat Commission in Pennsylvania*
Narrative:	*This shape file documents Water Trails, which are boat routes suitable for canoes, kayaks and small motorized watercraft. Like conventional trails, water trails are recreational corridors between specific locations. Water trails are comprised of access points, boat launches, day use sites, and in some cases, overnight camping areas. The information was used to identify potential NEPA implications of projects near designated Water Trails.*
Parent Shape File(s)	*None*
Source	*Pennsylvania Fish and Boat Commission via the Pennsylvania State Data Center Web Site (www.pasda.psu.edu)*
Type	*Line*
# of Features	*20*
Projection	*USA_Contiguous_Albers_Equal_Area_Conic*
Extent	*Pennsylvania*
Data Date	*05/03/2007*

Field Name	Description	Source
WT_Name	Water Trail Name	*WaterTrails_line.shp*
PFBC_ID	PA Fish and Boat Commission ID	*WaterTrails_line.shp*
Shape_Leng	Water Trail Length (???)	*WaterTrails_line.shp*
Length	Water Trail Length (miles)	*WaterTrails_line.shp*

Shape File Name	*XPASDA09_RMSADMIN_Clip*
Description	*PennDOT State Roadway Segments – Administration File*
Narrative:	
	The Administration Roadway Segment shape file contains jurisdictional and institutional classification information for groups of segments, as defined by the SEG_BGN, OFFSET_BGN, SEG_END, and OFFSET_END attributes.
Parent Shape Files	*XPASDA09_RMSADMIN*
Source	*Pennsylvania Department of Transportation (PennDOT) via the Pennsylvania State Data Center Web Site (www.pasda.psu.edu)*
Type	*Line*
# of Features	*2110*
Projection	*NAD83_GEO*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*08/27/2009*

Field Name	Description	Source
CTY_CODE	County Code 35 = Lackawanna County; 40 = Luzerne County	*XPASDA09_RMSADMIN.shp*
ST_RT_NO	State Route Number	*XPASDA09_RMSADMIN.shp*
SEG_BGN	Segment Number at Attribute Beginning Point	*XPASDA09_RMSADMIN.shp*
OFFSET_BGN	Offset at Attribute Beginning Point	*XPASDA09_RMSADMIN.shp*
SEG_END	Segment Number at Attribute Ending Point	*XPASDA09_RMSADMIN.shp*
OFFSET_END	Offset at Attribute Ending Point	*XPASDA09_RMSADMIN.shp*
SEG_LNGTH_	Segment Length (feet)	*XPASDA09_RMSADMIN.shp*
SIDE_IND	Right/Left Side Indicator 1 = Right side (Even numbered segments); 2 = Left side (Odd numbered segments)	*XPASDA09_RMSADMIN.shp*
JURIS	Jurisdiction Code 1 = State; 2 = Turnpike; 4 = Local road; 5 = Non-State Federal Aid roads; 6 = Toll bridges	*XPASDA09_RMSADMIN.shp*
FED_AID_SY	Federal Aid System Code 0 = Not on Federal Aid System; 1 = Federal Aid System (NHS); 2 = Other Federal Aid (STP)	*XPASDA09_RMSADMIN.shp*
FUNC_CLS	Federal Functional Class 01 = Rural Principal Arterial Interstate; 02 = Rural Principal Arterial Other; 06 = Rural Minor Arterial; 07 = Rural Major Collector; 08 Rural Minor Collector; 09 = Rural Local; 11 = Urban Principal Arterial Interstate; 12 = Urban Principal Arterial Other Freeways; 14 = Urban Other Principal Arterial; 16 = Urban Minor Arterial; 17 = Urban Collector; 19 = Urban Local; 99 = Ramp	*XPASDA09_RMSADMIN.shp*
JOIN_ID	Join ID 1 -- Used to join segment records with other shapefiles Created by concatenating CTY_CODE, ST_RT_NO, and SEG_BGN values	<< CREATED >>

Shape File Name	*XPASDA09_RMSSEG_Clip*
Description	*PennDOT State Roadway Segments – Segment File*
Narrative:	
	The Roadway Segment shape file contains roadway history, pavement, median/divisor, access, and traffic information for each unique roadway segment in Lackawanna and Luzerne Counties.
Parent Shape Files	*XPASDA09_RMSSEG*
Source	*Pennsylvania Department of Transportation (PennDOT) via the Pennsylvania State Data Center Web Site (www.pasda.psu.edu)*
Type	*Line*
# of Features	*4771*
Projection	*NAD83_GEO*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*08/27/2009*

Field Name	Description	Source
ST_RT_NO	State Route Number	*XPASDA09_RMSSEG.shp*
CTY_CODE	County Code 35 = Lackawanna County; 40 = Luzerne County	*XPASDA09_RMSSEG.shp*
JURIS	Jurisdiction Code 1 = State; 2 = Turnpike; 4 = Local road; 5 = Non-State Federal Aid roads; 6 = Toll bridges	*XPASDA09_RMSSEG.shp*
DISTRICT_N	PennDOT Engineering District	*XPASDA09_RMSSEG.shp*
SEG_NO	Segment Number	*XPASDA09_RMSSEG.shp*
SEG_LNGTH_	Segment Length (feet)	*XPASDA09_RMSSEG.shp*
YR_BUILT	Year Built	*XPASDA09_RMSSEG.shp*
YR_RESURF	Year Resurfaced	*XPASDA09_RMSSEG.shp*
FAC_TYPE	Facility Type (One-Way Indicator) 1 = One-way; 2 = Two-way	*XPASDA09_RMSSEG.shp*
TOTAL_WIDT	Total Paved Width of Roadway (feet)	*XPASDA09_RMSSEG.shp*
SURF_TYPE	Surface Type 20 = Earth (unimproved); 30 = Gravel (graded/drained); 40 = Stabilized (soil, gravel or stone); 51 = Bituminous surface treatment; 52 = Mixed bituminous (intermediate type); 53 = Bitum penetration (intermediate type); 61 = Bituminous pavement (high type); 62 = Bituminous pavement on PCC Base; 71 = Plain Portland cement concrete basement; 72 = Reinforced Portland cement concrete; 73 = Continually reinforced concrete; 74 = Concrete over concrete (bonded); 75 = Concrete over concrete (unbonded); 76 = Concrete over bituminous pavement; 80 = Brick/block pavement; 98 = Bridge deck; 99 = Undefined surface type	*XPASDA09_RMSSEG.shp*
LANE_CNT	Number of Lanes	*XPASDA09_RMSSEG.shp*
DIVSR_TYPE	Divisor Type – Type of barrier or median on divided roadway segment 0 = None (not divided); 2 = Paint; 3 = Earth; 4 = Paint more than 4 feet wide; 5 = Curb; 6 = City block; 7 = Natural barrier (trees, fill, etc.); 8 = Mountable curb	*XPASDA09_RMSSEG.shp*
DIVSR_WIDT	Divisor Width (feet) – Width of barrier or median on divided road segment	*XPASDA09_RMSSEG.shp*
CUR_AADT	Current Average Annual Daily Traffic (AADT) Volume – 2009 traffic conditions	*XPASDA09_RMSSEG.shp*
ACCESS_CTR	Access Control Code 1 = Limited Access; 2 = Partial Access; 3 = No Access Control	*XPASDA09_RMSSEG.shp*

Field Name	Description	Source
TOLL_CODE	Toll Code Indicator 1 = Toll Bridge	*XPASDA09_RMSSEG.shp*
STREET_NAM	Street Name	*XPASDA09_RMSSEG.shp*
TRAF_RT_NO	Traffic Route Number Prefix	*XPASDA09_RMSSEG.shp*
TRAF_RT_N1	Traffic Route Number	*XPASDA09_RMSSEG.shp*
TRAF_RT_N2	Traffic Route Number Suffix	*XPASDA09_RMSSEG.shp*
NHS_IND	National Highway System Code N = Not on National Highway System 2 = Major Airport; 3 = Major Port Facility; 4 = Major Amtrak Station; 5 Major Rail/Truck Terminal; 6 = Major Intercity Bus Terminal; 7 = Major Public Transit or Multi-Modal Passenger Terminal; 8 = Major Pipeline Terminal; 9 = Major Ferry Terminal; C = Major Strategic Highway Connector; P Congressional High Priority Corridor; S = Strategic Highway Network; Y = Other Principal Arterial Route	*XPASDA09_RMSSEG.shp*
SIDE_IND	Right/Left Side Indicator 1 = Right side (Even numbered segments); 2 = Left side (Odd numbered segments)	*XPASDA09_RMSSEG.shp*
NLF_ID	Network Linear Feature ID – Identifier for use in dynamic segmentation; a unique control number internally assigned to represent a single contiguous section of a route within a county	*XPASDA09_RMSSEG.shp*
NLF_CNTL_B	Distance from start of network linear feature to segment begin point (feet)	*XPASDA09_RMSSEG.shp*
NLF_CNTL_E	Distance from start of network linear feature to segment end point (feet)	*XPASDA09_RMSSEG.shp*
PA_BYWAY_I	PA Byway Indicator	*XPASDA09_RMSSEG.shp*
TR_JOIN_ID	Traffic File Join ID – Used as a join field in the RMSSEG file to join with RMSTRAFFIC file Created by concatenating CTY_CODE, ST_RT_NO, and CUR_AADT from RMSSEG file	*XPASDA09_RMSSEG.shp*

Shape File Name	*XPASDA09_RMSSEG_Clip_TRjoin*
Description	*PennDOT State Roadway Segments – Segment File*

Narrative:

This shape file is a modified version of the XPASDA09_RMSSEG_Clip shape file and contains detailed traffic data (joined from the XPASDA09_RMSTRAFFIC shape file), functional class (joined from the XPASDA09_RMSADMIN shape file) and IRI data (joined from the IRI_LackLuz shape file).

Parent Shape Files	*XPASDA09_RMSSEG; XPASDA09_RMSSEG_Clip; IRI_LackLuz*
Source	*Pennsylvania Department of Transportation (PennDOT) via the Pennsylvania State Data Center Web Site (www.pasda.psu.edu); PennDOT District 4-0.*
Type	*Line*
# of Features	*4761*
Projection	*NAD83_GEO*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*01/30/2009*

Field Name	Description	Source
ST_RT_NO	State Route Number	*XPASDA09_RMSSEG.shp*
CTY_CODE	County Code 35 = Lackawanna County; 40 = Luzerne County	*XPASDA09_RMSSEG.shp*
JURIS	Jurisdiction Code 1 = State; 2 = Turnpike; 4 = Local road; 5 = Non-State Federal Aid roads; 6 = Toll bridges	*XPASDA09_RMSSEG.shp*
DISTRICT_N	PennDOT Engineering District	*XPASDA09_RMSSEG.shp*
SEG_NO	Segment Number	*XPASDA09_RMSSEG.shp*
SEG_LNGTH_	Segment Length (feet)	*XPASDA09_RMSSEG.shp*
YR_BUILT	Year Built	*XPASDA09_RMSSEG.shp*
YR_RESURF	Year Resurfaced	*XPASDA09_RMSSEG.shp*
FAC_TYPE	Facility Type (One-Way Indicator) 1 = One-way; 2 = Two-way	*XPASDA09_RMSSEG.shp*
TOTAL_WIDT	Total Paved Width of Roadway (feet)	*XPASDA09_RMSSEG.shp*
SURF_TYPE	Surface Type 20 = Earth (unimproved); 30 = Gravel (graded/drained); 40 = Stabilized (soil, gravel or stone); 51 = Bituminous surface treatment; 52 = Mixed bituminous (intermediate type); 53 = Bitum penetration (intermediate type); 61 = Bituminous pavement (high type); 62 = Bituminous pavement on PCC Base; 71 = Plain Portland cement concrete basement; 72 = Reinforced Portland cement concrete; 73 = Continually reinforced concrete; 74 = Concrete over concrete (bonded); 75 = Concrete over concrete (unbonded); 76 = Concrete over bituminous pavement; 80 = Brick/block pavement; 98 = Bridge deck; 99 = Undefined surface type	*XPASDA09_RMSSEG.shp*
LANE_CNT	Number of Lanes	*XPASDA09_RMSSEG.shp*
DIVSR_TYPE	Divisor Type – Type of barrier or median on divided road segment 0 = None (not divided); 2 = Paint; 3 = Earth; 4 = Paint more than 4 feet wide; 5 = Curb; 6 = City block; 7 = Natural barrier (trees, fill, etc.); 8 = Mountable curb	*XPASDA09_RMSSEG.shp*
DIVSR_WIDT	Divisor Width – Width of barrier or median on divided road segment	*XPASDA09_RMSSEG.shp*
CUR_AADT	Current Average Annual Daily Traffic (AADT) Volume – 2009 traffic conditions	*XPASDA09_RMSSEG.shp*
ACCESS_CTR	Access Control Code	*XPASDA09_RMSSEG.shp*

Field Name	Description	Source
	1 = Limited Access; 2 = Partial Access; 3 = No Access Control	
TOLL_CODE	Toll Code Indicator 1 = Toll Bridge	*XPASDA09_RMSSEG.shp*
STREET_NAM	Street Name	*XPASDA09_RMSSEG.shp*
TRAF_RT_NO	Traffic Route Number Prefix	*XPASDA09_RMSSEG.shp*
TRAF_RT_N1	Traffic Route Number	*XPASDA09_RMSSEG.shp*
TRAF_RT_N2	Traffic Route Number Suffix	*XPASDA09_RMSSEG.shp*
NHS_IND	National Highway System Code N = Not on National Highway System 2 = Major Airport; 3 = Major Port Facility; 4 = Major Amtrak Station; 5 Major Rail/Truck Terminal; 6 = Major Intercity Bus Terminal; 7 = Major Public Transit or Multi-Modal Passenger Terminal; 8 = Major Pipeline Terminal; 9 = Major Ferry Terminal; C = Major Strategic Highway Connector; P Congressional High Priority Corridor; S = Strategic Highway Network; Y = Other Principal Arterial Route	*XPASDA09_RMSSEG.shp*
SIDE_IND	Right/Left Side Indicator 1 = Right side (Even numbered segments); 2 = Left side (Odd numbered segments)	*XPASDA09_RMSSEG.shp*
NLF_ID	Network Linear Feature ID – Identifier for use in dynamic segmentation; a unique control number internally assigned to represent a single contiguous section of a route within a county	*XPASDA09_RMSSEG.shp*
NLF_CNTL_B	Distance from start of network linear feature to segment begin point (feet)	*XPASDA09_RMSSEG.shp*
NLF_CNTL_E	Distance from start of network linear feature to segment end point (feet)	*XPASDA09_RMSSEG.shp*
PA_BYWAY_I	PA Byway Indicator	*XPASDA09_RMSSEG.shp*
TR_JOIN_ID	Traffic File Join ID – Used as a join field in the RMSSEG file to join with RMSTRAFFIC file Created by concatenating CTY_CODE, ST_RT_NO, and CUR_AADT from RMSSEG file	*XPASDA09_RMSSEG.shp*
CTY_CODE_1	County Code 35 = Lackawanna County; 40 = Luzerne County	*XPASDA09_RMSTRAFFIC_Clip*
ST_RT_NO_1	State Route Number	*XPASDA09_RMSTRAFFIC_Clip*
SEG_BGN	Segment Number at beginning of Segment	*XPASDA09_RMSTRAFFIC_Clip*
OFFSET_BGN	Offset at beginning of Segment	*XPASDA09_RMSTRAFFIC_Clip*
SEG_END	Segment Number at end of Segment	*XPASDA09_RMSTRAFFIC_Clip*
OFFSET_END	Offset at end of Segment	*XPASDA09_RMSTRAFFIC_Clip*
SEG_LNGTH1	Segment Length (feet)	*XPASDA09_RMSTRAFFIC_Clip*
CUR_AADT_1	Current Average Annual Daily Traffic (AADT) Volume – Joined from RMSTRAFFIC file	*XPASDA09_RMSTRAFFIC_Clip*
ADTT_CUR	Current Average Daily Truck Traffic (ADTT) Volume – Joined from RMSTRAFFIC file	*XPASDA09_RMSTRAFFIC_Clip*
TRK_PCT	Truck Percent	*XPASDA09_RMSTRAFFIC_Clip*
WKDY_TRK_C	Current Weekday Truck Volume	*XPASDA09_RMSTRAFFIC_Clip*
DLY_VMT	Daily Vehicle Miles of Travel (VMT)	*XPASDA09_RMSTRAFFIC_Clip*
DLY_TRK_VM	Daily Truck Vehicle Miles of Travel	*XPASDA09_RMSTRAFFIC_Clip*
TR_JOIN__1	Traffic File Join ID – Used as a join field in the RMSTRAFFIC file to join with the RMSSEG file Created by concatenating CTY_CODE_1, ST_RT_NO_1, and CUR_AADT_1 from XPASDA09_RMSTRAFFIC file	*<< CREATED >>*
PR_JOIN_ID	Project Join ID – Used as a join field in the RMSTRAFFIC file to join with the LRTP_ALL_Merge_Cost file Created by concatenating CTY_CODE, ST_RT_NO, and SEG_NO from RMSSEG file	*<< CREATED >>*
FUNC_CLS	Federal Functional Class	*XPASDA09_RMSADMIN_Clip*
IRI_RANGE	International Roughness Index (IRI) Range Excellent; Good; Fair; Poor	*LackLuz_IRI*

Field Name	Description	Source
SEG_01	Segment of Importance Indicator #1 – Segment includes a Structurally Deficient (SD) Bridge 1 = Yes; 0 = No	<< *CREATED* >>
SEG_02	Segment of Importance Indicator #2 – Segment has a crash rate that is more than 5 times the state average for similar segments 1 = Yes; 0 = No	<< *CREATED* >>
SEG_03	Segment of Importance Indicator #3 – Segment includes a Crash Hot Spot 1 = Yes; 0 = No	<< *CREATED* >>
SEG_04	Segment of Importance Indicator #4 – Segment with surface pavement that is more than 20 years old 1 = Yes; 0 = No	<< *CREATED* >>
SEG_05	Segment of Importance Indicator #5 – Segment with an International Roughness Index (IRI) that is classified as “Poor” 1 = Yes; 0 = No	<< *CREATED* >>
SEG_06	Segment of Importance Indicator #6 – Segment that is within or crosses the boundary of a “Priority Infill Area” on the Land Use Plan 1 = Yes; 0 = No	<< *CREATED* >>
SEG_TOT	Total of Segment of Importance Indicators Calculated as (SEG_01 + SEG_02 + SEG_03 + SEG_04 + SEG_05 + SEG_06)	<< *CREATED* >>

Shape File Name	*XPASDA09_RMSADMIN_Clip*
Description	*PennDOT State Roadway Segments – Traffic File*
Narrative:	
	The Traffic Roadway Segment shape file contains traffic volume and composition information for groups of segments, as defined by the SEG_BGN, OFFSET_BGN, SEG_END, and OFFSET_END attributes.
Parent Shape Files	*XPASDA09_RMSADMIN*
Source	*Pennsylvania Department of Transportation (PennDOT) via the Pennsylvania State Data Center Web Site (www.pasda.psu.edu)*
Type	*Line*
# of Features	*2110*
Projection	*NAD83_GEO*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*08/27/2009*

Field Name	Description	Source
CTY_CODE	County Code 35 = Lackawanna County; 40 = Luzerne County	*XPASDA09_RMSTRAFFIC.shp*
ST_RT_NO	State Route Number	*XPASDA09_RMSTRAFFIC.shp*
SEG_BGN	Segment Number at Attribute Beginning Point	*XPASDA09_RMSTRAFFIC.shp*
OFFSET_BGN	Offset at Attribute Beginning Point	*XPASDA09_RMSTRAFFIC.shp*
SEG_END	Segment Number at Attribute Ending Point	*XPASDA09_RMSTRAFFIC.shp*
OFFSET_END	Offset at Attribute Ending Point	*XPASDA09_RMSTRAFFIC.shp*
SEG_LNGTH_	Segment Length (feet)	*XPASDA09_RMSTRAFFIC.shp*
SIDE_IND	Right/Left Side Indicator 1 = Right side (Even numbered segments); 2 = Left side (Odd numbered segments)	*XPASDA09_RMSTRAFFIC.shp*
JURIS	Jurisdiction Code 1 = State; 2 = Turnpike; 4 = Local road; 5 = Non-State Federal Aid roads; 6 = Toll bridges	*XPASDA09_RMSTRAFFIC.shp*
CUR_AADT	Average Annual Daily Traffic (AADT) Volume – 2009 traffic conditions	*XPASDA09_RMSTRAFFIC.shp*
ADTT_CUR	Average Daily Truck Traffic (ADTT) Volume – 2009 traffic conditions	*XPASDA09_RMSTRAFFIC.shp*
TRK_PCT	Truck Percent – 2009 traffic conditions	*XPASDA09_RMSTRAFFIC.shp*
WKDY_TRK_C	Current Weekday Truck Volume – 2009 traffic conditions	*XPASDA09_RMSTRAFFIC.shp*
DLY_VMT	Daily Vehicle Miles of Travel – 2009 traffic conditions Calculated as [Segment Length] x [CUR_AADT]	*XPASDA09_RMSTRAFFIC.shp*
DLY_TRK_VM	Daily Vehicle Miles of Truck Travel – 2009 traffic conditions Calculated as [Segment Length] x [ADTT_CUR]	*XPASDA09_RMSTRAFFIC.shp*
TR_JOIN_ID	Traffic File Join ID – Used as a join field in the RMSSEG file to join with RMSTRAFFIC file Created by concatenating CTY_CODE, ST_RT_NO, and CUR_AADT from RMSSEG file	*<< CREATED >>*

Shape File Name	*XPP_BMS2BRIDGE_V*
Description	*State-Owned Bridges*

Narrative:

The State-Owned Bridges shape file was created from data in the Department's Bridge Management System (BMS), as received from Engineering District 4-0 in March 2008. The locations of some bridge points were modified by McCormick Taylor to better align with the roadways, streams, and other crossing features.

Parent Shape File	*<< None >>*
Source	*PA Department of Transportation, Engineering District 4-0*
Type	*Point*
# of Features	*1612*
Projection	*NAD83_GEO*
Extent	*Lackawanna & Luzerne Counties*
Data Date	*03/17/2008*

Field Name	Description	Source
BRKEY	Bridge Key Number	*XPP_BMS2BRIDGE_V*
CTY_CODE	County Code	*XPP_BMS2BRIDGE_V*
ST_RT_NO	State Route Number	*XPP_BMS2BRIDGE_V*
SEG_NO	Segment Number	*XPP_BMS2BRIDGE_V*
OFFSET	Offset	*XPP_BMS2BRIDGE_V*
ADMIN_JURI	Administrative Jurisdiction Code	*XPP_BMS2BRIDGE_V*
DEC_LAT	Latitude (decimal degrees)	*XPP_BMS2BRIDGE_V*
DEC_LONG	Longitude (decimal degrees)	*XPP_BMS2BRIDGE_V*
BRIDGE_ID	Bridge ID	*XPP_BMS2BRIDGE_V*
FEATINT	Feature Intersected (crossed) by bridge	*XPP_BMS2BRIDGE_V*
DISTRICT	PennDOT Engineering District	*XPP_BMS2BRIDGE_V*
FACILITY	Roadway Facility	*XPP_BMS2BRIDGE_V*
LOCATION	Location Description	*XPP_BMS2BRIDGE_V*
OWNER	Owner	*XPP_BMS2BRIDGE_V*
YEARBUILT	Year Built	*XPP_BMS2BRIDGE_V*
YEARRECON	Year Reconstructed	*XPP_BMS2BRIDGE_V*
SERVTYPON		*XPP_BMS2BRIDGE_V*
SERVTYPUND		*XPP_BMS2BRIDGE_V*
MAINSPANS	Main Span Type	*XPP_BMS2BRIDGE_V*
APPSPANS	Approach Span Type	*XPP_BMS2BRIDGE_V*
LENGTH	Length	*XPP_BMS2BRIDGE_V*

Field Name	Description	Source
DECKWIDTH	Deck Width	*XPP_BMS2BRIDGE_V*
DKSURFTYPE	Deck Surface Type	*XPP_BMS2BRIDGE_V*
DKMEMBTYPE	Deck Membrane Type	*XPP_BMS2BRIDGE_V*
DKPROTECT	Deck Protection Type	*XPP_BMS2BRIDGE_V*
MAIN_WS_TH		*XPP_BMS2BRIDGE_V*
APPR_DKSUR	Approach Deck Surface Type	*XPP_BMS2BRIDGE_V*
APPR_DKMEM	Approach Deck Membrane Type	*XPP_BMS2BRIDGE_V*
APPR_DKPRO	Approach Deck Protection Type	*XPP_BMS2BRIDGE_V*
APPR_WS_TH		*XPP_BMS2BRIDGE_V*
FED_FUND	Federal Funding Indicator	*XPP_BMS2BRIDGE_V*
DECK_RECON	Deck Reconstructed	*XPP_BMS2BRIDGE_V*
SUP_RECON_		*XPP_BMS2BRIDGE_V*
SUB_RECON_		*XPP_BMS2BRIDGE_V*
DEPT_MAIN_	Department Maintenance	*XPP_BMS2BRIDGE_V*
DEPT_MAIN1	Department Maintenance 1	*XPP_BMS2BRIDGE_V*
DEPT_MAIN2	Department Maintenance 2	*XPP_BMS2BRIDGE_V*
DEPT_MAIN3	Department Maintenance 3	*XPP_BMS2BRIDGE_V*
DEPT_APPR_	Department Approval	*XPP_BMS2BRIDGE_V*
DEPT_APPR1	Department Approval 1	*XPP_BMS2BRIDGE_V*
DEPT_APPR2	Department Approval 2	*XPP_BMS2BRIDGE_V*
DEPT_APPR3	Department Approval 3	*XPP_BMS2BRIDGE_V*
SUB_AGENCY		*XPP_BMS2BRIDGE_V*
MAINT_RESP	Maintenance Responsibility	*XPP_BMS2BRIDGE_V*
CRIT_FACIL	Critical Facility Indicator	*XPP_BMS2BRIDGE_V*
APPR_PAVEM		*XPP_BMS2BRIDGE_V*
COVERED_BR	Covered Bridge Indicator	*XPP_BMS2BRIDGE_V*
DEPT_DKSTR		*XPP_BMS2BRIDGE_V*
BYPASSLEN	Bridge Bypass/Detour Length	*XPP_BMS2BRIDGE_V*
AROADWIDTH	Approach Roadway Width	*XPP_BMS2BRIDGE_V*
ROADWIDTH	Roadway Width	*XPP_BMS2BRIDGE_V*
MIN_OVER_V	Minimum Overhead Clearance	*XPP_BMS2BRIDGE_V*
MIN_OVER_1	Minimum Overhead Clearance 1	*XPP_BMS2BRIDGE_V*
POST_LIMIT	Posted Weight Limit	*XPP_BMS2BRIDGE_V*
POST_LIMI1	Posted Weight Limit 1	*XPP_BMS2BRIDGE_V*
OPPOSTCL		*XPP_BMS2BRIDGE_V*
SUFF_RATE	Sufficiency Rating	*XPP_BMS2BRIDGE_V*

Field Name	Description	Source
JURIS	Jurisdiction	*XPP_BMS2BRIDGE_V*
SEG_END	Segment End	*XPP_BMS2BRIDGE_V*
OFFSET_END	Offset End	*XPP_BMS2BRIDGE_V*
SEG_PT_BGN	Segment PT Begin	*XPP_BMS2BRIDGE_V*
SEG_PT_END	Segment PT End	*XPP_BMS2BRIDGE_V*
SIDE_IND	Side Indicator	*XPP_BMS2BRIDGE_V*
NLF_ID		*XPP_BMS2BRIDGE_V*
NLF_CNTL_B		*XPP_BMS2BRIDGE_V*
NLF_CNTL_E		*XPP_BMS2BRIDGE_V*
CUM_OFFSET	Cumulative Offset	*XPP_BMS2BRIDGE_V*
CUM_OFFSE1	Cumulative Offset 1	*XPP_BMS2BRIDGE_V*
ROW_MODIFI	Right-of-Way Modification	*XPP_BMS2BRIDGE_V*
DKRATING	Deck Rating	*XPP_BMS2BRIDGE_V*
SUPRATING		*XPP_BMS2BRIDGE_V*
SUBRATING		*XPP_BMS2BRIDGE_V*
CULVRATING	Culvert Rating	*XPP_BMS2BRIDGE_V*
STATE_LOCA	State/Local Indicator	*XPP_BMS2BRIDGE_V*
GMROTATION	GM Rotation	*XPP_BMS2BRIDGE_V*
CUR_AADT	Current Annual Average Daily Traffic (AADT) Volume	*XPP_BMS2BRIDGE_V*
CUR_ADTT	Current Average Daily Truck Traffic (ADTT) Volume	*XPP_BMS2BRIDGE_V*
SEGID	Segment ID	*XPP_BMS2BRIDGE_V*
FUNC_CLS	Federal Functional Classification of Roadway	*XPP_BMS2BRIDGE_V*