

APPENDIX A-10
DATA SOURCES SUMMARY

- STREETS – Derived from Centerline files from the Dauphin County GIS department, 2009. Some modifications were made for spatial accuracy based on aerial photography from the PA Map Project 2005 – 2007 by USGS and downloaded from the Pennsylvania Spatial Data Access in 2009 and 2010.
- PARCELS – Parcel Boundary Polygons were provided by the Dauphin County GIS Department 2010.
- MUNICIPAL BOUNDARIES – Municipal Boundaries were provided by the Dauphin County GIS Department 2010.
- SHADED RELIEF – This layer was provided by the Tri County Regional Planning Commission in 2009. The national elevation dataset (USGS) was used to generate this layer.
- STREAMS – Streams used in the background were derived from centerlines provided by Pennsylvania Department of Environmental Protection (305b streams). Downloaded from PASDA Website in 2009. Some modifications were made for spatial accuracy based on aerial photography from the PA Map Project 2005 – 2007 by USGS and downloaded from the Pennsylvania Spatial Data Access in 2009 and 2010.
- LAKES, RIVERS, PONDS – This data was generated using the National Hydrography Dataset with modifications to shape based on aerial photography from the PA Map Project 2005 – 2007 by USGS and downloaded from the Pennsylvania Spatial Data Access in 2009 and 2010.
- RIPARIAN ZONES – Zone 1,2, and 3, were generated by LTL Consultants Ltd, in 2010 based on specifications provided in the East Hanover Township Zoning Ordinance.
- WETLANDS – Wetland boundaries were derived from the National Wetland Inventory last updated in 2008, downloaded from PASDA in 2010.
- FLOODPLAINS – Derived from the Federal Emergency Management Agency (FEMA) Digital Flood Insurance Rate Maps (DFIRM) downloaded in 2009 and modified with FEMA released modifications in 2010.
- SLOPES – Steep and Moderate Slopes were generated using the Nation Elevation Dataset downloaded from the USGS in 2010.
- HYDRIC SOILS – Derived from the US Department of Agriculture Soil Survey Geographic (SSURGO) Database using the Soil Data Viewer application also from USDA and the Natural Resources Conservation Service 2009-2010.
- CHAPTER 93 STREAMS – Pennsylvania Department of Environmental Protection 2009. Downloaded from PASDA 2010.
- SRBC WATERSHEDS AND SUBWATERSHEDS – From Susquehanna River Basin Commission, downloaded from PASDA 2010.

- HISTORIC SITES – Map duplicated from the East Hanover Township Historical Society Map 2000.
- INTERSECTION ISSUES, RECOMMENDED REPAIRS, CONGESTION ISSUES, POTENTIAL CONGESTION ISSUES: Derived in 2010 by LTL Consultants, Ltd., from information provided in the HATS Regional Transportation Studies 2003-2009, and interview with East Hanover Township public works staff.
- EXISTING LAND USE – Generated by LTL Consultants, Ltd. using Dauphin county Parcel land use data, Anderson land use classification information provided by the Tri County Planning Commission, and modified using aerial photography from the PA Map Program, downloaded from PASDA, 2010.
- FUTURE LAND USE – Generated by LTL Consultants, Ltd. based on meetings with the East Hanover Township Commission. Final version reviewed and approved in August 2011.
- COMMUNITY FACILITIES AND UTILITIES – Generated by LTL Consultants, Ltd. Using Dauphin County Parcel Data, interviews with East Hanover Township Staff, National Pipeline Mapping System, aerial Photography from PA Map, and East Hanover Township Act 537 Sewage Facilities Plan of 2011.
- TRAILS – Derived from the PA Department of Conservation and Natural Resources via download from PASDA 2010.
- EXISTING AND PROPOSED RECREATION AND OPEN SPACE AREAS– Derived from Dauphin County Parcel Data land use codes and interview with East Hanover Planning Commission and staff 2009-2011.
- PROPOSED GREENWAYS – Based on GIS analysis of stream datasets from PADEP by LTL Consultants, Ltd. 2009-2010.