

Appendix K – References

Center for Rural Pennsylvania. *Population Projections by Gender and Age 2020-2050*. Accessed January 2025.

<https://www.rural.pa.gov/download.cfm?file=Resources/excel/Population%20Projections%20by%20Gender%20and%20Age%202020%20to%202050.xlsx>

Centre Area Transportation Authority (CATA) website. Accessed January 2025.

<https://catabus.com>.

Centre County Commissioners and Planning Commission. 2003. *Centre County Comprehensive Plan Phase I*. <https://centrecountypa.gov/DocumentCenter/View/6034/Centre-County-2003-Comprehensive-Plan>.

Centre County. Open Data website. Accessed 2021, 2024. <https://gisdata-centrecountygov.opendata.arcgis.com/>.

Centre County Farmland Trust website. n.d. Accessed 2021.

www.centrecountyfarmlandtrust.org/.

Centre County Government, Agricultural Land Preservation Board website. Accessed January 2025. <https://centrecountypa.gov/281/Agricultural-Land-Preservation-Board>.

Centre County Government, PACE Program website. n.d. Accessed 2024.

<https://centrecountypa.gov/609/PACE-Program>.

Centre County Government, Planning Commission website. n.d. Accessed January 2025.

<https://centrecountypa.gov/300/Planning-Commission>

Centre County Government, Planning and Community Development Office (CCPCDO). 2023. Centre County 2023 Census Profile.

Centre County Government, Transportation Office website. n.d. Accessed October 2024.

<https://centrecountypa.gov/431/Transportation-Office>

Centre County Housing Authority website. n.d. Accessed January 2025.

<https://www.centrecountyhousingauthority.com/>

Centre County Metropolitan Planning Organization (MPO). 2018. *Centre County Long Range Transportation Plan 2044*. July 31. [https://www.crcog.net/vertical/sites/%7B6AD7E2DC-ECE4-41CD-B8E1-BAC6A6336348%7D/uploads/LRTP_2044_\(2018_Update\).pdf](https://www.crcog.net/vertical/sites/%7B6AD7E2DC-ECE4-41CD-B8E1-BAC6A6336348%7D/uploads/LRTP_2044_(2018_Update).pdf)



- Centre County MPO. 2022. *2023-2026 Centre County Transportation Improvement Program (TIP)*. July. <https://www.crcog.net/2023TIP>.
- Centre County MPO. 2024. *2025-2028 Centre County Transportation Improvement Program (TIP)*. June. <https://www.crcog.net/2025tip>.
- Centre County Planning Commission. 2016-2020. *Centre County Comprehensive Plan Phase II Implementation Strategies*. <https://centrecountypa.gov/212/Comprehensive-Plans>.
- Centre Regional Planning Agency. 2013. *Centre Region Comprehensive Plan*. November. [https://www.crcog.net/vertical/sites/%7B6AD7E2DC-ECE4-41CD-B8E1-BAC6A6336348%7D/uploads/2010_Comprehensive_Plan_\(Complete_Report_with_Resolutions\)_Small_File.pdf](https://www.crcog.net/vertical/sites/%7B6AD7E2DC-ECE4-41CD-B8E1-BAC6A6336348%7D/uploads/2010_Comprehensive_Plan_(Complete_Report_with_Resolutions)_Small_File.pdf).
- Centre Regional Planning Agency. 2019. *Harris Township Comprehensive Rural Rezoning Report*. March. https://centreregioncog.govoffice2.com/vertical/Sites/%7B6AD7E2DC-ECE4-41CD-B8E1-BAC6A6336348%7D/uploads/Rural_Rezoning_Report_March_19_2019.pdf.
- Centre Regional Planning Agency. 2021, as amended. *Centre County Metropolitan Planning Organization (CCMPO) Fiscal Year 2022-2024 Unified Planning Work Program (UPWP), July 1, 2022 - June 30, 2024*. November 21. <https://www.crcog.net/index.asp?SEC=96B7D595-134B-4605-AF9B-95B3028BAB50>.
- Centre Regional Planning Agency. 2022. *2015 Centre Region Bike Plan*, amended. https://www.crcog.net/vertical/Sites/%7B6AD7E2DC-ECE4-41CD-B8E1-BAC6A6336348%7D/uploads/Centre_Region_Bike_Plan_Amended_03-28-2022_with_Appendices_-_for_web.pdf.
- Centre Regional Planning Agency and Centre County Planning and Community Development Office. 2020. *Centre County Long Range Transportation Plan 2050*. September 22. https://www.crcog.net/vertical/Sites/%7B6AD7E2DC-ECE4-41CD-B8E1-BAC6A6336348%7D/uploads/CCMPO_LRTP_2050_Final_wo_appendices_-_reduce_file_size.pdf.
- ClearWater Conservancy website. n.d. Accessed August 2024 and January 2025. <https://www.clearwaterconservancy.org>.
- Cowardin, L. et al. 1979. *Classification of Wetlands and Deepwater Habitats of the United States*. December. https://www.epa.gov/sites/default/files/2017-05/documents/cowardin_1979.pdf.



Department of Homeland Security, Federal Emergency Management Agency (FEMA). n.d. Flood Map Service Center. Accessed March 2025. <https://msc.fema.gov/portal/home>.

National Audubon Society. n.d. Open Data Library. Accessed January 2025. <https://data-library-audubon.hub.arcgis.com/>.

Pennsylvania Department of Conservation and Natural Resources (PA DCNR). 2025. PNDI Project Search ID: PNDI-782938. Project Name: PennDOT_State College Connector Project - NEPA Study Area PNDI Re-Run. Date of Review: January 8, 2025, FINAL.

PA DCNR, Pennsylvania Groundwater Information System (PaGWIS). n.d. <https://www.pa.gov/agencies/dcnr/conservation/water/groundwater/pa-groundwater-information-system>.

Pennsylvania Department of Environmental Protection (PA DEP). n.d. eMapPA. Accessed January 2025. <https://gis.dep.pa.gov/emappa/>.

Pennsylvania Department of Transportation (PennDOT). 2016. Publication 324, *Agricultural Resources Evaluation Handbook*. March. <https://www.pa.gov/content/dam/copapwp-pagov/en/penndot/documents/public/pubsforms/publications/pub%20324.pdf>.

PennDOT. 2017. *Pollinator Habitat Plan*. Accessed January 2025. <https://www.pa.gov/agencies/penndot/programs-and-doing-business/environment/pollinator-habitat-plan>.

PennDOT. 2019. Publication 24, *Project Level Highway Traffic Noise Handbook*. May. <https://www.pa.gov/content/dam/copapwp-pagov/en/penndot/documents/public/pubsforms/publications/pub%2024.pdf>.

PennDOT. 2020. Publication 408, *Specifications*. April 10, as amended. https://www.pa.gov/content/dam/copapwp-pagov/en/penndot/documents/public/pubsforms/publications/pub_408/408_2020/408_2020.pdf.

PennDOT. 2020. 2021 12-Year Program. August. <https://talkpatransportation.com/2021TYP/index.html>.

PennDOT. 2021. *Final Purpose and Need Statement for State College Area Connector Planning and Environmental Linkage (PEL) Study*. February.

PennDOT. 2021. Publication 295, *Project Level Public Involvement Handbook*. May. <https://www.pa.gov/content/dam/copapwp-pagov/en/penndot/documents/public/pubsforms/publications/pub%20295.pdf>.



- PennDOT. 2021. *Virtual Public Meeting Summary Report for the State College Area Connector Planning and Environmental Linkage (PEL) Study*. February.
- PennDOT. 2022. *Open House Public Meeting Summary Report for the State College Area Connector Planning and Environmental Linkage (PEL) Study* {September 2021 Open House}. April.
- PennDOT. 2022. *Open House Public Meeting Summary Report for the State College Area Connector Planning and Environmental Linkage (PEL) Study* {April 2022 Open House}.
- PennDOT. 2022. *Pennsylvania's Statewide Transportation Improvement Program, FFY 2023-2026*. August 17. <https://talkpatransportation.com/perch/resources/documents/2023-2026-stip-executive-summary-1.pdf>.
- PennDOT. 2022. Publication 10B, *Design Manual Part 1B: Post-TIP NEPA Procedures*. April 7. <https://www.pa.gov/content/dam/copapwp-pagov/en/pennDOT/documents/public/pubsforms/publications/pub-10/pub-10b/april%202022%20change%20no.%202.pdf>.
- PennDOT. 2023. *October 2022 Open House Public Meeting Summary Report for the State College Area Connector Planning and Environmental Linkages (PEL) Study*. February.
- PennDOT. 2023. *State College Area Connector Planning and Environmental Linkages (PEL) Study*. June.
- PennDOT. 2023. *Traffic Analysis Technical Memorandum for the State College Area Connector PEL Study*. February.
- PennDOT. 2024. Publication 282, *Highway Occupancy Permit Operations Manual*. February. <https://www.pa.gov/content/dam/copapwp-pagov/en/pennDOT/documents/public/pubsforms/publications/pub-282/pub%20282.pdf>.
- PennDOT. 2024. *Purpose and Need Statement for State College Area Connector Project*. July.
- PennDOT. 2024. *Agency Coordination Plan for the State College Area Connector Project*. July.
- PennDOT. 2024. *Public Involvement Coordination Plan for the State College Area Connector Project*. July.
- PennDOT. 2025. Publication 293, *Geotechnical Engineering Manual*. April 18. <https://www.pa.gov/content/dam/copapwp-pagov/en/pennDOT/documents/public/pubsforms/publications/pub%20293.pdf>.
- PennDOT. 2025. *State College Area Connector* website. <https://www.PennDOT.pa.gov/SCAC>

- PennDOT. 2025. *Determination of Effects Report for Above Ground Resources, State College Area Connector Project*. April.
- PennDOT. 2025. *State College Area Connector Project August 2024 Public Open House Meeting*. February.
- PennDOT. 2025. *Wetland and Watercourse Identification and Delineation Report for the State College Area Connector*. April.
- PennDOT. 2025. *Addendum Determination of Effects Report for Above Ground Resources, State College Area Connector Project*. May.
- PennDOT. 2025. *2023 Traffic/Safety Data Update Technical Memorandum for the State College Area Connector Project*. July.
- PennDOT. 2025. *Addendum II Determination of Effects Report for Above Ground Resources, State College Area Connector Project*. July.
- PennDOT. 2025. *DEIS Alternatives Traffic and Safety Analysis Technical Memorandum for the State College Area Connector Project*. July.
- PennDOT. 2025. *Engineering Technical Memorandum for the State College Area Connector Project*. July.
- PennDOT. 2025. *Pre-NEPA Activities (Interchange Access Concepts & Analysis) Technical Memorandum for the State College Area Connector Project*. July
- PennDOT. 2025. *State College Area Connector Project May 2025 Second Public Scoping Meeting*. July.
- PennDOT. 2025. *Air Quality Analysis Technical Memorandum for the State College Area Connector*. August.
- PennDOT. 2025. *Botanical Survey Report, State College Area Connector*. (Redacted).
September.
- PennDOT. 2025. *Geotechnical Reconnaissance Summary for the State College Area Connector Environmental Impact Statement*. August.
- PennDOT. 2025. *Hazardous and Residual Wastes Technical Memorandum for the State College Area Connector*. August.
- PennDOT. 2025. *Terrestrial Habitat Technical Memorandum for the State College Area Connector*. August.



- PennDOT. 2025. *Threatened and Endangered Species Technical Memorandum for the State College Area Connector*. August.
- PennDOT. 2025. *State College Area Connector Preliminary Design Noise Analysis, Harris and Potter Townships, Centre County, Pennsylvania*. September.
- PennDOT. 2025. *Environmental Impacts Summary Technical Memorandum for the State College Area Connector*. November.
- PennDOT. 2025. *Floodplain Technical Memorandum for the State College Area Connector*. November.
- PennDOT. 2026. *Addendum – Botanical Survey Report (August 2025), State College Area Connector – PNDI Receipt No. 782938*. (Redacted). January.
- PennDOT. 2026. *Community Impact Assessment Technical Memorandum*. January.
- PennDOT. 2026. *Farmland Technical Memorandum for the State College Area Connector*. January.
- PennDOT. 2026. *Draft Individual Section 4(f) Evaluation*. February.
- PennDOT. 2026. *Wetland and Watercourse Impacts Technical Memorandum for the State College Area Connector Project*. January.
- Pennsylvania Geologic Survey. 2005. *Geologic units containing potentially significant acid-producing sulfide minerals*. PA DCNR, Open-File Miscellaneous Investigation (DCNR OFMI) 05-01.1. <https://maps.dcnr.pa.gov/publications/Default.aspx?id=636>.
- Pennsylvania Historical and Museum Commission (PHMC), *Pennsylvania State Historic & Archaeological Resource Exchange (PA-SHARE)*. n.d. <https://share.phmc.pa.gov/pashare/landing>.
- Pennsylvania State University, *Pennsylvania Spatial Data Access (PASDA) – Open GIA Data for the Commonwealth of Pennsylvania*. n.d. <https://www.pasda.psu.edu/>
- Roth, Harry, B. 2006. *Penns Valley Region Comprehensive Plan*. Penns Valley Region Planning Commission. January 30. <https://centrecountypa.gov/DocumentCenter/View/529/2006-Penns-Valley-Regional-Comprehensive-Plan?bidId=>.
- United States (US) Army Corps of Engineers (ACE). 1987. *Wetland Delineation Manual, Technical Report Y-87-1*.

USACE. 2012. *Regional Supplement to the USACE Wetland Delineation Manual: Eastern Mountains and Piedmont*. 2012.

US Census Bureau, American Community Survey. 2023. Accessed January 2025.
<https://www.census.gov/programs-surveys/acs>

US Department of Agriculture, Natural Resources Conservation Service. *Web Soil Survey: Centre County*. Accessed March 2025. <http://websoilsurvey.nrcs.usda.gov/app/>.

US Department of Transportation (DOT), Federal Highway Administration (FHWA). 2024. *Notice of Intent to Prepare and Environmental Impact Statement for a Proposed Highway Project, Centre County, PA and Notice of Intent Additional Project Information*. Docket No. FHWA-2024-0056, Federal Register, Volume 89, No. 142, pp. 59955-59959. July 24.

US Fish and Wildlife Service (USFWS). n.d. *National Wetland Inventory (NWI), Wetlands Mapper*. Accessed 2021, 2025.
<https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/>.

USFWS. 2024. Bald Eagle Nesting Sites – Pennsylvania – View Only. June 26. Accessed January 2025. <https://gis-fws.opendata.arcgis.com/maps/791e4054bab84a0aa0afe08d9d16a4cb/about>.

USFWS. 2024. *Programmatic Biological Opinion for Transportation Projects in the Range of the Indiana Bat, Northern Long-Eared Bat, and Tricolored Bat*. December.
<https://www.fws.gov/sites/default/files/documents/2024-12/programmatic-biological-conference-opinion-for-transportation-projects-in-range-of-bats-december-2024.pdf>.

USFWS. 2025. *Information Planning and Conservation (IPaC) Official Species List: 'PennDOT Engineering District 2_State College Connector_Central Alt_5.22.2025', Project Code: 2025-0100384*. Pennsylvania Ecological Services Field Office, Issued May 22, 2025.

USFWS. 2025. *Information Planning and Conservation (IPaC) Official Species List: 'PennDOT Engineering District 2_State College Connector_North Alt_5.22.2025', Project Code: 2025-0100325*. Pennsylvania Ecological Services Field Office, Issued May 22, 2025.

USFWS. 2025. *Information Planning and Conservation (IPaC) Official Species List: 'PennDOT Engineering District 2_State College Connector_South Alt_5.22.2025', Project Code: 2025-0100426*. Pennsylvania Ecological Services Field Office, Issued May 22, 2025.

Zillow. 2025. Multiple Listing Service. Accessed May 28-29 and June 2-3, 2025.
<https://www.zillow.com/>.

Table K-1: GIS Data Sources

Layer Name	Source	Date
Existing Land Use	Centre County Open Data	2024
Zoning	Centre County Open Data	2024
Future Land Use (2025)	Centre County Planning Department	2024
Sewer Service Areas	Centre County Open Data	2024
Water Service Areas	Centre County Open Data	2024
Section 8 Housing Complexes	KMZ file by S&L	2021, updated 2024
Churches	Centre County Open Data	2024
Cemeteries	Centre County Open Data	2024
Bikeways	Centre County Open Data and updated by S&L	2024
Athletic Fields	Centre County Open Data and updated by S&L	2024
Community Facilities	Centre County Open Data and updated by S&L	2021, updated 2024
Parks	Centre County Open Data	2024
Neighborhoods and Communities	Centre County Open Data and updated by S&L	2020, updated 2024
Productive Agriculture Land	MTGIS Script/JMT then updated by S&L	2017, 2024
Preserved Farmland	Centre County Open Data	2020, 2024
Agricultural Conservation Easements	Centre County Open Data	2020, 2024
Act 319 Clean and Green	Centre County Open Data Parcels, Clean and Green	
Agricultural Security Areas	Derived from ASA data from Centre County Open Data	2020, 2024
Agricultural Zoning	Centre County Open Data/MTGIS, Centre Regional Planning Agency	2020, 2024
Soil Capability Classes	SSURGO - Web Soil Viewer	2021, 2024
Prime Farmland Soils	SSURGO - Web Soil Viewer	2020, 2024
Farmland Soils of Statewide Importance	SSURGO - Web Soil Viewer	2020, 2024
Centre County Property Parcels	Nick Barger GIS Director of Centre County	2024
Municipalities	Nick Barger GIS Director of Centre County	2022
Hydric Soils	SSURGO web soil survey and Centre County Open Data	3/18/2020
Delineated Watercourses	S&L	2025
Delineated Wetlands	S&L	2025
NWI Wetlands	NWI	2020
Modeled Wetlands	PASDA	2020



Layer Name	Source	Date
CH93 Designated Use	PASDA/Pennsylvania Department of Environmental Protection	2019
CH93 Existing Use	PASDA/Pennsylvania Department of Environmental Protection	2019
Stocked Trout Streams	PASDA/Pennsylvania Fish and Boat Commission	2020
Natural Reproduction Wild Trout Streams	PASDA/Pennsylvania Fish and Boat Commission	2020
Class A Trout Streams	PASDA/Pennsylvania Fish and Boat Commission	2020
Major Watersheds	Centre County Open Data	3/18/2020
Floodplains	FEMA	2025
Floodways	S&L	2025
Northern Long Eared Bat Swarming Habitat	USFWS	2024
Indiana Bat Swarming Habitat	USFWS	2024
Sinking Creek Watershed	PASDA HUC 12 Watersheds	2024
Forested/Wooded Habitat	S&L	2024
State Forest	PASDA/DCNR	2025
Productive Agriculture Land	S&L	2025
Karst Geologic Areas	DCNR	2025
Important Bird Areas	National Audubon Society Open Data	2025
Natural Heritage Inventory	PNHP	2025
General Geology Map	PA Bureau of Topographic and Geologic Survey / DCNR / Bedrock Geology of Pennsylvania	2025
Water Wells	PA Topographic and Geologic Survey / PaGWIS	2025
Oil and Gas Wells	PA Spatial Data Access / Pennsylvania Department of Environmental Protection	2025