



MEMORANDUM

TO: Mark S. Moran, Program Director, Travel Forecasting and Emissions Analysis, COG/TPB
Feng Xie, Manager, Model Development, COG/TPB

FROM: Meseret Seifu, Principal Transportation Engineer, COG/TPB

SUBJECT: Transmittal Package: TPB Gen2/Ver. 2.4.6 Travel Demand Forecasting Model,
Transportation Networks, and Land Use Data Associated with the Air Quality Conformity
Analysis of Visualize 2050

DATE: February 9, 2026

Xmittal_Ver2.4.6_Viz2050_model_and_inputs_v2.docx

PURPOSE

This memorandum documents a transmittal package containing the latest National Capital Region Transportation Planning Board (TPB) production-use travel demand forecasting model (Gen2/Version 2.4.6 Travel Model) and its associated input files (networks and land use data) from the Air Quality Conformity (AQC) Analysis of Visualize 2050 and the FY 2026-2029 Transportation Improvement Program (TIP). The TPB approved the AQC determination on December 17, 2025. Since the Ver. 2.4.6 Model was used for that analysis, it is now considered TPB's adopted, production-use travel demand model.

The TPB previously released a Gen2/Version 2.4.6 Travel Model transmittal package in July 2023. That package included network inputs from the 2022 Update of Visualize 2045 and land use inputs from Round 9.2 Cooperative Forecasts of Land Use. The new transmittal package uses the same model files but most updated model inputs associated with the AQC analysis of Visualize 2050, including the Visualize 2050 network inputs and Round 10.0 Cooperative Forecasts of Land Use. The new package also includes updated model documentation. The TPB is staffed by the Department of Transportation (DTP), at the Metropolitan Washington Council of Governments (COG). The TPB staff updates its regional travel demand forecasting model on a regular basis. The Gen2/Version 2.4.6 Travel Model was derived from the Gen2/Version 2.4 Travel Model. Both the Ver. 2.4 and Ver. 2.4.6 models are members of the Generation 2 (Gen2) family of travel models. The Gen2/Ver. 2.4 Model was validated to year-2014 conditions, in 2020¹ and to year-2018 conditions in 2021.²

CONTENT OF THE MODEL TRANSMITTAL PACKAGE

Model: The TPB's adopted, production-use travel demand forecasting model (Version 2.4.6) is an aggregate, trip-based, "four-step" travel demand model covering a modeled area of 6,800 square

¹ Meseret Seifu to Feng Xie, "Year-2014 Validation of TPB Version 2.4 Travel Model," Memorandum, October 29, 2020

² Meseret Seifu and Sanghyeon Ko to Feng Xie, "Year-2018 Validation of TPB Version 2.4 Travel Model," Memorandum, August 17, 2021.

miles and 3,722 Transportation Analysis Zones (TAZs). The Ver. 2.4.6 Model is documented in an updated travel model user's guide.³

Although the Gen2/Ver. 2.4.6 Model is offered, for free, by COG/TPB to those who request it,⁴ to run the model, one must have a copy of the Cube Voyager travel demand modeling software package, which is sold by Bentley Systems, Inc.⁵

Please note that the Ver. 2.4.6 Model has already been released for production use since July 21, 2023.⁶ However, the model was not considered an "adopted" model until now, since, prior to the air quality conformity analysis of Visualize 2050, the Ver. 2.4.6 Model had not been used in an analysis that was adopted by the TPB.

Transportation Networks: The AQC analysis of Visualize 2050 and the FY 2026-2029 TIP was conducted for six forecast years (2025, 2026, 2030, 2040, 2045 and 2050). In addition, the **2017** analysis year was included in the transmittal package to provide base-year network inputs that are consistent with pre-Covid conditions, even though 2017 was not a year analyzed in the AQC analysis. Therefore, this transmittal package includes transportation networks representing seven years. The latest networks report ⁷ associated with this transmittal package will be placed on the "Model Documentation" webpage (see below).

Land Use Data: TAZ-level land-use data from **Round 10.0** of COG's Cooperative Forecasting program. Employment data for some jurisdictions has been adjusted to ensure that a consistent definition is used across the entire modeled area. Details can be found in a recent memo.⁸

BACKGROUND INFORMATION

For quality control purposes, staff has executed all modeling scenarios twice to ensure that the model results can be replicated. Staff has also updated the travel model user's guide, mentioned earlier, so that recent updates are explained.

The latest model and network documentation can generally be found on the following webpage:

<https://www.mwcog.org/transportation/data-and-tools/modeling/model-documentation/>

³ "User's Guide, For the COG/TPB Gen2/Version 2.4.6 Travel Demand Forecasting Model (Washington, D.C.: Metropolitan Washington Council of Governments, National Capital Region Transportation Planning Board, February 9, 2026), <https://www.mwcog.org/transportation/data-and-tools/modeling/model-documentation/>.

⁴ "Data Requests," Metropolitan Washington Council of Governments, Transportation, Modeling, February 9, 2022, <https://www.mwcog.org/transportation/data-and-tools/modeling/data-requests/>.

⁵ "CUBE Voyager," Bentley Systems, 2022, <https://www.bentley.com/en/products/product-line/mobility-simulation-and-analytics/cube-voyager>.

⁶ Feng Xie, "announced the release of TPB's Gen2/Ver. 2.4.6 Travel Model for production use", at the Travel Forecasting Subcommittee (TFS) meeting (under Other Business), July 21, 2023.

⁷ "Highway and Transit networks Used in the Air Quality Conformity Analysis of Visualize 2050 and the FY 2026-2029 TIP (Gen2/Ver. 2.4.6 Travel Model," (Washington, D.C.: Metropolitan Washington Council of Governments, National Capital Region Transportation Planning Board, February 9, 2026), <https://www.mwcog.org/transportation/data-and-tools/modeling/model-documentation/>.

⁸ Ray Ngo to Feng Xie et al., "Developing land use input files for the Gen2/Version 2.4.6 Travel Model using the draft Round 10.0 Cooperative Forecasts, dated 3/22/24, and the latest employment definition adjustment factors," Memorandum, January 23, 2025.

A complete listing of all transit, highway and HOV/HOT projects assumed in the Visualize 2050 and the FY 2026-2029 TIP can be found in Appendix B of the Air Quality Conformity report.⁹

The projects are also displayed on an online interactive map on the COG website here:

<http://www.mwcog.org/V50FutureTransportationMap>

To request the model and its associated inputs, interested parties should follow the procedures listed on COG/DTP’s Data Requests webpage: <https://www.mwcog.org/transportation/data-and-tools/modeling/data-requests/>

The travel modeling inputs, and application files are organized in a structured subdirectory system shown in Table 1. The subdirectories are organized by Cube Voyager scripts, inputs, and supporting application files. As noted in the Ver. 2.4.6 Model user’s guide, the Ver. 2.4.6 Model was developed and applied by COG/TPB staff on on-premises servers (TMS) and on on-demand cloud-based servers – Amazon Web Services (AWS) – using Cube Voyager 6.5.1 CE, so it is generally recommended you use Cube 6.5.1 CE with the Ver. 2.4.6 Model. See the user’s guide for more details. Cube Voyager software is available for purchase from Bentley Systems, Inc. Also, note that the model outputs are not included with this transmittal, due to their large size (about 10 to 25 GB per alternative), but specific output files may be made available upon request.

Table 1 Version 2.4.6 Model Application Subdirectories

Subdirectories	Bytes	# Files	Subdirectory Description
\\CGV2_4_6_Visualize2050_Xmittal	271,158	51	Batch Files for model execution
\\CGV2_4_6_Visualize2050_Xmittal\controls	122,251	14	Control files for special programs
\\CGV2_4_6_Visualize2050_Xmittal\controls\ModeChoice_Constants	89,609	20	Mode Choice constant files
\\CGV2_4_6_Visualize2050_Xmittal\scripts	1,416,820	64	Cube/Voyager script files
\\CGV2_4_6_Visualize2050_Xmittal\software	3,163,823	4	Software executable programs
\\CGV2_4_6_Visualize2050_Xmittal\software\environment_installation	5,620	2	Gen2_model environment installation execution file
\\CGV2_4_6_Visualize2050_Xmittal\support	142,547,429	31	Model support / parameter files
\\CGV2_4_6_Visualize2050_Xmittal\Summary	601,432	5	Model summary scripts
\\CGV2_4_6_Visualize2050_Xmittal\Docums	9,923,721	7	Documentation
\\CGV2_4_6_Visualize2050_Xmittal\TPBTAZ3722_TPBMod	27,752,274	14	GIS shape file of the 3,722-zone system
\\CGV2_4_6_Visualize2050_Xmittal\2017\Inputs	236,041,693	77	Input files pertaining to 2017
\\CGV2_4_6_Visualize2050_Xmittal\2025\Inputs	244,909,075	77	Input files pertaining to 2025
\\CGV2_4_6_Visualize2050_Xmittal\2026\Inputs	243,295,688	77	Input files pertaining to 2026
\\CGV2_4_6_Visualize2050_Xmittal\2030\Inputs	247,592,451	77	Input files pertaining to 2030
\\CGV2_4_6_Visualize2050_Xmittal\2040\Inputs	249,696,894	77	Input files pertaining to 2040
\\CGV2_4_6_Visualize2050_Xmittal\2045\Inputs	250,147,903	77	Input files pertaining to 2045
\\CGV2_4_6_Visualize2050_Xmittal\2050\Inputs	250,615,565	77	Input files pertaining to 2050
Total	1,908,193,406	751	

The rest of the memo includes:

1. Notes on applying the model
2. Notes on additional documentation
3. A listing of model inputs and application files
4. Control totals resulting from a full application of the model

⁹ Robert d’Abadie, “Air Quality Conformity Analysis Report Visualize 2050 and the FY 2026-2029 Transportation Improvement Program,” Full Report (Washington, D.C.: National Capital Region Transportation Planning Board, Metropolitan Washington Council of Governments, December 17, 2025). <https://www.mwcog.org/documents/2026/01/23/visualize-2050-national-capital-region-transportation-plan/>

APPLYING THE MODEL

The Ver. 2.4.6 Model is applied using a series of prepared batch files that operate within the above subdirectory system. The following batch filenames may be used to execute the model for years 2017, 2025, 2026, 2030, 2040, 2045 or 2050 (the filename shown is entered at the command prompt in the “root” subdirectory):

- run_Model_2017.bat
- run_Model_2025.bat
- run_Model_2026.bat
- run_Model_2030.bat
- run_Model_2040.bat
- run_Model_2045.bat
- run_Model_2050.bat

As noted in the model user’s guide¹⁰, the automated procedure to generate transit walksheds and calculate the percent of each zone within walking distance to transit service has now been **turned off by default** and the output *areawalk.txt* files are provided in the “Inputs” subdirectory.

However, if users want to run the **area walk (walkshed) process** for projects with modified transit, this step is required:

- Download Miniforge3-Windows-x86_64.exe
 - [the downloaded Miniforge3-Windows-x86_64.exe version](#)
 - Right-click the executable and select **Run as administrator** to install the software for all users.
 - The software will be installed in: C:\ProgramData\miniforge3
- **Install the gen_2 model environment** (*Internet connection required*)
 - Launch (double-click) the batch file:
\Software\environment_installation\env_installation.bat
- **Enable the walk access process**
 - Open the runModel_<year> wrapper batch file
 - On **line 27**, set: **RUN_WALKACCESS=True**

Further details about how the model is structured and how to set up your computer for running the model are provided in the relevant chapters of the user’s guide:

- Chapter 3: Hardware and software requirements
- Chapter 4: Mechanics of the model application process
- Chapter 5: Preparing to run the model
- Chapter 6: Running the model

The model has been designed to operate with a maximum of 8 computer-chip cores (during highway assignment). Chapter 8 of the user’s guide (“Use of parallel processing to reduce model run times”)

¹⁰ Chapter 4, Page 53 and 63, “User’s Guide, For the COG/TPB Gen2/Version 2.4.6 Travel Demand Forecasting Model (Washington, D.C.: Metropolitan Washington Council of Governments, National Capital Region Transportation Planning Board, February 9, 2026)

<https://www.mwcog.org/transportation/data-and-tools/modeling/model-documentation/>

describes how parallel processing is used in the model. This chapter also includes a table (Table 20) showing how to change batch files to run on computers with fewer than 8 cores.

ADDITIONAL MODEL DOCUMENTATION

Additional documentation is included in the “Docums” folder of the transmittal (i.e., “\CGV2_4_6_Visualize2050_Xmittal\Docums”). This folder includes one data file and several technical memoranda:

Data file

- **rd10_tpb3722_REV24.csv**: This file contains the Round 10.0 land activity data from COG’s Cooperative Forecasts, referenced in the memo below. This data has not undergone the employment definition adjustment, which is used to ensure a consistent definition of employment throughout the modeled region, so it is not suitable for use in the travel model.

Documents

- Meseret Seifu to Feng Xie, “Year-2014 Validation of TPB Version 2.4 Travel Model,” Memorandum, October 29, 2020. (**Ver2.4_Validation_Memo_v6.pdf**)
- DesJardin, Paul and Greg Goodwin to Kanti Srikanth, Tim Canan, and Mark Moran. “Round 10.0 Cooperative Forecast revised TPB TAZ file.” Memorandum, January 31, 2024. (**Round 10.0 revised TAZ Transmittal.pdf**)
- Ngo, Ray to DTP Technical Staff. “Exogenous Demand Inputs to the TPB Travel Demand Model: Update for Round 10.0 Cooperative Forecasts.” Memorandum, April 5, 2024. (**V2.4.6_Exogenous_Inputs_Rnd10_3722_v4.pdf**)
- Ngo, Ray to Feng Xie. “Developing land use input files for the Gen2/Version 2.4.6 Travel Model using the draft Round 10.0 Cooperative Forecasts, dated 3/22/24, and the latest employment definition adjustment factors.” Memorandum, January 23, 2025. (**Devel_Rnd 10_lu_v246mod_v07.pdf**)
- Meseret Seifu and Sanghyeon Ko to Feng Xie, “Year-2018 Validation of TPB Version 2.4 Travel Model,” Memorandum, August 17, 2021. (**Ver2.4_2018Validation_Memo_v6.pdf**)
- Moran, Mark S., Mary Martchouk, and Feng Xie. “Utility for Converting Files in DBF Format to text/CSV Format.” Memorandum, December 5, 2011. (**dbf_file_converter_2011.pdf**)

TABLES

The following tables are attached: 1) A listing of batch files, control files, script files, support files, and model input files by year; and 2) A listing of regional control totals generated after a complete execution of the model (using the default 8 cores) by analysis year.

File List - Subdirectory:
 \CGV2_4_6_Visualize2050_Xmittal

Seq. No.	File Name	Bytes	Date	Time
1	run_Model_2017.bat	3,113	1/27/2026	10:48 AM
2	run_Model_2025.bat	3,113	1/27/2026	10:48 AM
3	run_Model_2026.bat	3,113	1/27/2026	10:49 AM
4	run_Model_2030.bat	3,113	1/27/2026	10:49 AM
5	run_Model_2040.bat	3,113	1/27/2026	10:50 AM
6	run_Model_2045.bat	3,113	1/27/2026	10:50 AM
7	run_Model_2050.bat	3,113	2/3/2026	11:50 AM
8	run_ModelSteps_2017.bat	3,423	10/22/2025	10:09 AM
9	run_ModelSteps_2025.bat	3,423	1/5/2026	2:09 PM
10	run_ModelSteps_2026.bat	3,422	1/5/2026	2:11 PM
11	run_ModelSteps_2030.bat	3,424	12/4/2025	10:17 AM
12	run_ModelSteps_2040.bat	3,422	1/5/2026	2:13 PM
13	run_ModelSteps_2045.bat	3,422	1/15/2026	12:35 PM
14	run_ModelSteps_2050.bat	3,422	2/2/2026	9:11 AM
15	Auto_Driver.bat	629	5/18/2023	2:14 PM
16	Average_Link_Speeds.bat	1,083	5/18/2023	2:14 PM
17	copyBaseMC_to_final_inputs.bat	530	5/18/2023	2:14 PM
18	dateName.bat	389	5/18/2023	2:14 PM
19	DBF_Converter_v3.2.xls	73,728	5/18/2023	2:14 PM
20	Delete-move_temp_files_v6.bat	4,677	5/18/2023	2:14 PM
21	gap_of_zero.txt	22,292	5/18/2023	2:14 PM
22	Highway_Assignment_Parallel.bat	788	5/18/2023	2:14 PM
23	Highway_Skims.bat	2,195	5/18/2023	2:14 PM
24	MC_Purp.bat	634	5/18/2023	2:14 PM
25	Mode_Choice_Parallel.bat	2,960	5/18/2023	2:14 PM
26	move_temp_files_v6.bat	4,793	5/18/2023	2:14 PM
27	no_underscore.txt	16,268	5/18/2023	2:14 PM
28	PP_Auto_Drivers.bat	501	5/18/2023	2:14 PM
29	PP_Highway_Build.BAT	663	5/18/2023	2:14 PM
30	PP_Highway_Skims.bat	4,522	5/18/2023	2:14 PM
31	README.md	5,097	5/18/2023	2:14 PM
32	searchForErrs.bat	4,427	5/18/2023	2:15 PM
33	set_CPI.bat	554	5/18/2023	2:15 PM
34	set_up_model_run_folders.bat	975	5/18/2023	2:15 PM
35	setErrorLev.bat	168	5/18/2023	2:15 PM
36	shutdown_60s.bat	100	5/18/2023	2:15 PM
37	Tee.exe	47,104	5/18/2023	2:14 PM
38	Time-of-Day.bat	1,966	5/18/2023	2:14 PM
39	TIMETHIS.EXE	8,704	5/18/2023	2:14 PM
40	tppVoyVers.txt	1,170	12/16/2025	5:18 AM
41	Transit_Assignment_LineHaul_Parallel.bat	796	5/18/2023	2:14 PM
42	Transit_Assignment_Parallel.bat	2,493	5/18/2023	2:14 PM
43	Transit_Fare.bat	2,527	5/18/2023	2:14 PM
44	Transit_Skim_All_Modes_Parallel.bat	4,462	5/18/2023	2:14 PM
45	Transit_Skim_LineHaul_Parallel.bat	686	5/18/2023	2:14 PM
46	Transit_Skim_Select_Paths.bat	345	5/18/2023	2:14 PM
47	TranSum.bat	911	5/18/2023	2:14 PM
48	Trip_Distribution.bat	2,085	5/18/2023	2:14 PM
49	Trip_Generation.bat	1,342	5/18/2023	2:14 PM
50	updating_tpp_dll_files.bat	723	5/18/2023	2:15 PM
51	Walkshed_Process.bat	2,122	5/18/2023	2:14 PM
Total		271,158		

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\Controls

Seq. No.	File Name	Bytes	Date	Time
1	HBO_OP_ModeChoice.ctl	2,441	5/18/2023	2:17 PM
2	HBS_OP_ModeChoice.ctl	2,437	5/18/2023	2:17 PM
3	HBW_AM_ModeChoice.ctl	2,445	5/18/2023	2:17 PM
4	lineSum_MR_access.ctl	842	5/18/2023	2:18 PM
5	lineSum_MR_line.ctl	623	5/18/2023	2:18 PM
6	LineSum_Volume.ctl	1,574	5/18/2023	2:17 PM
7	ModeChoice_CommonKeys.c	22,479	5/18/2023	2:17 PM
8	ModeChoice_Script.txt	11,311	5/18/2023	2:17 PM
9	NHO_OP_ModeChoice.ctl	2,385	5/18/2023	2:17 PM
10	NHW_OP_ModeChoice.ctl	2,384	5/18/2023	2:17 PM
11	Segment_Map.csv	336	5/18/2023	2:17 PM
12	Segment_Map.csv.def	95	5/18/2023	2:18 PM
13	station_names.dbf	72,455	5/18/2023	2:18 PM
14	ZONEV2.A2F.def	444	5/18/2023	2:18 PM
	Total	122,251		

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\Controls\ModeChoice_Constants

Seq. No.	File Name	Bytes	Date	Time
1	HBO_OP_BiasConstants.csv	7,300	5/18/2023	2:18 PM
2	HBO_OP_BiasConstants.csv.def	175	5/18/2023	2:18 PM
3	HBO_OP_ModeConstants.csv	14,496	5/18/2023	2:18 PM
4	HBO_OP_ModeConstants.csv.def	179	5/18/2023	2:18 PM
5	HBS_OP_BiasConstants.csv	7,300	5/18/2023	2:18 PM
6	HBS_OP_BiasConstants.csv.def	175	5/18/2023	2:18 PM
7	HBS_OP_ModeConstants.csv	14,500	5/18/2023	2:18 PM
8	HBS_OP_ModeConstants.csv.def	179	5/18/2023	2:18 PM
9	HBW_AM_BiasConstants.csv	7,300	5/18/2023	2:18 PM
10	HBW_AM_BiasConstants.csv.def	175	5/18/2023	2:18 PM
11	HBW_AM_ModeConstants.csv	14,888	5/18/2023	2:18 PM
12	HBW_AM_ModeConstants.csv.def	179	5/18/2023	2:18 PM
13	NHO_OP_BiasConstants.csv	4,673	5/18/2023	2:18 PM
14	NHO_OP_BiasConstants.csv.def	100	5/18/2023	2:18 PM
15	NHO_OP_ModeConstants.csv	6,484	5/18/2023	2:18 PM
16	NHO_OP_ModeConstants.csv.def	101	5/18/2023	2:18 PM
17	NHW_OP_BiasConstants.csv	4,673	5/18/2023	2:18 PM
18	NHW_OP_BiasConstants.csv.def	100	5/18/2023	2:18 PM
19	NHW_OP_ModeConstants.csv	6,531	5/18/2023	2:18 PM
20	NHW_OP_ModeConstants.csv.def	101	5/18/2023	2:18 PM
	Total	89,609		

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\Scripts

Seq. No.	File Name	Bytes	Date	Time
1	Adjust Runtime.s	5,955	5/18/2023	3:49 PM
2	AreaType File.s	9,364	5/18/2023	2:15 PM
3	Assemble Skims AB.s	4,856	5/18/2023	2:15 PM
4	Assemble Skims BM.s	4,857	5/18/2023	2:15 PM
5	Assemble Skims CR.s	3,677	5/18/2023	2:15 PM
6	Assemble Skims MR.s	4,857	5/18/2023	2:15 PM
7	Autoacc5.s	25,468	5/18/2023	2:15 PM
8	Average Link Speeds.s	15,067	5/18/2023	2:15 PM
9	CheckStationAccess.s	781	5/18/2023	2:15 PM
10	Combine Tables For TrAssign Parallel.s	2,550	5/18/2023	2:15 PM
11	Demo_Models.s	58,228	5/18/2023	2:15 PM
12	Highway Assignment Parallel.s	84,008	5/18/2023	2:15 PM
13	Highway Skims am.s	13,120	5/18/2023	2:15 PM
14	Highway Skims md.s	13,118	5/18/2023	2:15 PM
15	Highway Skims mod am.s	8,019	5/18/2023	2:15 PM
16	Highway Skims mod md.s	8,021	5/18/2023	2:15 PM
17	joinskims.s	1,406	5/18/2023	2:16 PM
18	Maryland1900Ft ShapefileProjection TEMPLATE.prj	534	5/18/2023	2:15 PM
19	MC Auto Drivers.s	10,599	5/18/2023	2:15 PM
20	MC Constraint V23.s	46,195	5/18/2023	2:15 PM
21	MC_NL_Summary.s	25,907	5/18/2023	2:15 PM
22	Metrorail skims.s	2,601	5/18/2023	2:15 PM
23	MFARE1.S	8,540	5/18/2023	2:15 PM
24	MFARE2.S	27,080	5/18/2023	2:15 PM
25	Misc Time-of-Day.s	20,258	5/18/2023	2:15 PM
26	modnet.s	929	5/18/2023	2:16 PM
27	MWCOG ArcPy Walkshed Process TEMPLATE.mxd	288,768	5/18/2023	2:15 PM
28	MWCOG Prepare Inputs to Walkshed Process PT.s	13,159	5/18/2023	2:15 PM
29	MWCOG Prepare Inputs to Walkshed Process TRN	9,073	5/18/2023	2:15 PM
30	Parker.s	6,856	5/18/2023	2:15 PM
31	pathTrace.s	3,135	5/18/2023	2:16 PM
32	Post Toll Search.s	4,539	4/2/2018	1:18 PM
33	PP Auto Drivers.s	19,168	5/18/2023	2:15 PM
34	prefarV23.s	19,427	5/18/2023	2:16 PM
35	Prepare Ext Auto Ends.s	42,541	5/18/2023	2:15 PM
36	Prepare Ext ComTruck Ends.s	9,988	5/18/2023	2:15 PM
37	Prepare Internal Ends.s	31,370	5/18/2023	2:15 PM
38	Prepare Trip Tables for Assignment.s	31,835	5/18/2023	2:15 PM
39	Refine Station File.s	1,801	5/18/2023	2:15 PM
40	Remove PP Speed.s	342	5/18/2023	2:16 PM
41	Set CPI.S	4,827	5/18/2023	2:16 PM
42	Set Factors.s	20,752	5/18/2023	2:16 PM
43	Time-of-Day.s	25,102	5/18/2023	2:16 PM
44	Transit Accessibility.s	2,936	5/18/2023	2:16 PM
45	Transit Assignment AB.s	12,023	5/18/2023	2:16 PM
46	Transit Assignment BM.s	12,032	5/18/2023	2:16 PM
47	Transit Assignment CR.s	10,705	5/18/2023	2:16 PM
48	Transit Assignment MR.s	11,847	5/18/2023	2:16 PM
49	Transit Skims AB.s	16,673	5/18/2023	2:16 PM
50	Transit Skims BM.s	17,000	5/18/2023	2:16 PM

File List - Subdirectory:
 \CGV2_4_6_Visualize2050_Xmittal\Scripts (continued)

Seq. No.	File Name	Bytes	Date	Time
51	Transit_Skims_CR.s	15,136	5/18/2023	2:16 PM
52	Transit_Skims_MR.s	16,307	5/18/2023	2:16 PM
53	Trip_Distribution_External.s	42,949	5/18/2023	2:16 PM
54	Trip_Distribution_Internal.s	32,063	5/18/2023	2:16 PM
55	Trip_Generation.s	78,863	5/18/2023	2:16 PM
56	Trip_Generation_Summary.s	49,194	5/18/2023	2:16 PM
57	Truck_Com_Trip_Generation.s	17,088	5/18/2023	2:16 PM
58	TS_V23_AM.S	39,981	8/4/2020	3:15 PM
59	TS_V23_MD.S	31,222	8/4/2020	3:15 PM
60	TS_V23_PM.S	40,031	8/4/2020	3:16 PM
61	unbuild_net.s	1,092	5/18/2023	2:16 PM
62	V2.3_Highway_Build.s	13,920	5/18/2023	2:16 PM
63	walkacc.s	15,738	5/18/2023	2:16 PM
64	Walkshed_Process.py	1,342	5/18/2023	2:16 PM
	Total	1,416,820		

File List - Subdirectory:
 \CGV2_4_6_Visualize2050_Xmittal\Software

Seq. No.	File Name	Bytes	Date	Time
1	extrtab.exe	464,559	5/18/2023	2:16 PM
2	LineSum.exe	697,344	5/18/2023	2:16 PM
3	ModeChoice.exe	1,955,328	5/18/2023	2:16 PM
4	VoyagerFileAccess.dll	46,592	5/18/2023	2:16 PM
	Total	3,163,823		

File List - Subdirectory:
 \CGV2_4_6_Visualize2050_Xmittal\Software\environment_installation

Seq. No.	File Name	Bytes	Date	Time
1	env_installation.bat	1,263	12/18/2025	3:17 PM
2	gen2_model_env.yaml	4,357	2/3/2026	2:02 PM
	Total	5,620		

\\CGV2_4_6_Visualize2050_Xmittal\Support

Seq. No.	File Name	Bytes	Date	Time
1	AM_SPD_LKP.txt	624	5/18/2023	2:16 PM
2	AttrRates.dbf	3,264	5/18/2023	2:16 PM
3	cvdelta_3722.trp	8,766,338	5/18/2023	2:17 PM
4	equiv_toll_min_by_inc.s	1,066	5/18/2023	2:17 PM
5	HBIncRat.dbf	3,386	5/18/2023	2:16 PM
6	hwy_assign_capSpeedLookup.s	1,287	5/18/2023	2:17 PM
7	hwy_assign_conical_vdf.s	2,575	5/18/2023	2:17 PM
8	MD_SPD_LKP.txt	628	5/18/2023	2:16 PM
9	NMARates.dbf	3,350	5/18/2023	2:16 PM
10	NMPRates.dbf	3,386	5/18/2023	2:16 PM
11	TAZ3722_to_7Mrkts.txt	121,044	5/18/2023	2:16 PM
12	tkdelta_3722.trp	13,835,438	5/18/2023	2:17 PM
13	todcomp_2008HTS.dbf	3,657	5/18/2023	2:17 PM
14	Toll_Minutes.TXT	1,291	5/18/2023	2:16 PM
15	TPBMod_Jur_Boundary.dbf	10,332	5/18/2023	2:16 PM
16	TPBMod_Jur_Boundary.prj	534	5/18/2023	2:16 PM
17	TPBMod_Jur_Boundary.sbn	428	5/18/2023	2:16 PM
18	TPBMod_Jur_Boundary.sbx	164	5/18/2023	2:16 PM
19	TPBMod_Jur_Boundary.shp	3,709,208	5/18/2023	2:16 PM
20	TPBMod_Jur_Boundary.shp.xml	142,163	5/18/2023	2:16 PM
21	TPBMod_Jur_Boundary.shx	308	5/18/2023	2:16 PM
22	Truck_Com_Trip_Rates.DBF	1,838	5/18/2023	2:16 PM
23	TRueShape2050.cpg	5	1/20/2026	10:26 AM
24	TRueShape2050.dbf	104,812,734	1/20/2026	10:26 AM
25	TRueShape2050.prj	534	1/20/2026	10:26 AM
26	TRueShape2050.sbn	505,388	1/20/2026	10:26 AM
27	TRueShape2050.sbx	20,404	1/20/2026	10:26 AM
28	TRueShape2050.shp	10,086,620	1/20/2026	10:26 AM
29	TRueShape2050.shx	423,364	1/20/2026	10:26 AM
30	Ver23_f_factors.dbf	77,525	5/18/2023	2:17 PM
31	weighted_trip_rates.dbf	8,546	5/18/2023	2:17 PM
	Total	142,547,429		

File List - Subdirectory:

\\CGV2_4_6_Visualize2050_Xmittal\Summary

Seq. No.	File Name	Bytes	Date	Time
1	COMPARE_NL_MC_Expanded_2026_Final_minus_2025_Final_Viz2050	24,069	2/6/2026	10:30 AM
2	DIFF_2026_Final_Viz2050_minus_2025_Viz2050.s	8,957	1/20/2026	11:13 AM
3	DIFF_2026_Final_Viz2050_minus_2025_Viz2050.VPR	10,894	1/20/2026	11:13 AM
4	extrtab.exe	464,559	8/14/2024	1:05 PM
5	view_from_space.s	92,953	1/20/2026	2:08 PM
	Total	601,432		

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\Docums

Seq. No.	File Name	Bytes	Date	Time
1	dbf file converter 2011.pdf	171,362	2/13/2012	12:21 PM
2	Devel Rnd 10 lu v246mod v07.pdf	4,861,344	1/23/2025	11:04 AM
3	rd10 tpb3722 REV24.csv	864,733	2/13/2024	12:40 PM
4	Round 10.0 revised TAZ Transmittal.pdf	300,104	2/2/2024	12:26 PM
5	V2.4.6 Exogenous Inputs Rnd10_3722_v4.pdf	1,806,369	4/5/2024	1:27 PM
6	Ver2.4 2018Validation Memo v6.pdf	1,250,458	11/9/2021	3:42 PM
7	Ver2.4 Validation Memo v6.pdf	669,351	10/29/2020	11:34 AM
	bytes	9,923,721		

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\TPBTAZ3722_TPBMod

Seq. No.	File Name	Bytes	Date	Time
1	TAZLand3722.dbf	697,496	5/18/2023	2:17 PM
2	TAZLand3722.prj	534	5/18/2023	2:17 PM
3	TAZLand3722.sbn	35,228	5/18/2023	2:17 PM
4	TAZLand3722.sbx	2,076	5/18/2023	2:17 PM
5	TAZLand3722.shp	13,091,944	5/18/2023	2:17 PM
6	TAZLand3722.shp.xml	154,718	5/18/2023	2:17 PM
7	TAZLand3722.shx	29,452	5/18/2023	2:17 PM
8	TPBTAZ3722_TPBMod.dbf	903,024	5/18/2023	2:17 PM
9	TPBTAZ3722_TPBMod.prj	534	5/18/2023	2:17 PM
10	TPBTAZ3722_TPBMod.sbn	35,228	5/18/2023	2:17 PM
11	TPBTAZ3722_TPBMod.sbx	2,076	5/18/2023	2:17 PM
12	TPBTAZ3722_TPBMod.shp	12,617,172	5/18/2023	2:17 PM
13	TPBTAZ3722_TPBMod.shp.xml	153,340	5/18/2023	2:17 PM
14	TPBTAZ3722_TPBMod.shx	29,452	5/18/2023	2:17 PM
	Total	27,752,274		

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\2017\Inputs

Seq. No.	File Name	Bytes	Date	Time
1	airpax.adr	217,349	6/1/2021	10:18 AM
2	AM_Tfac.dbf	10,880	3/13/2025	12:53 PM
3	areadef3722.prn	124,712	12/6/2010	10:59 PM
4	AreaWalk.txt	286,260	1/6/2026	11:52 AM
5	AT_override.TXT	155	9/14/2011	12:27 PM
6	Bus_Factor_File.dbf	2,174	1/31/2023	4:04 PM
7	BUS_PNRN.TB	11,046	10/20/2025	10:07 AM
8	BUSFARAM.ASC	4,592	4/17/2018	10:01 AM
9	BUSFAROP.ASC	4,592	4/17/2018	10:01 AM
10	COM_BUS.TB	4,550	10/20/2025	10:07 AM
11	COM_LINK.TB	3,621	10/20/2025	10:07 AM
12	COM_NODE.TB	2,942	10/20/2025	10:07 AM
13	COM_PNRN.TB	2,702	10/20/2025	10:07 AM
14	CPI_File.txt	2,944	4/15/2024	8:33 AM
15	Ext_PsAs.dbf	10,216	5/24/2021	4:00 PM
16	GIS_variables.DBF	886,093	6/11/2010	2:36 PM
17	HBO_NL_MC.MTT	43,965,209	5/25/2023	7:19 PM
18	HBS_NL_MC.MTT	30,167,986	5/25/2023	7:19 PM
19	HBW_NL_MC.MTT	58,692,562	5/25/2023	7:19 PM
20	Jur.dbf	241	3/27/2010	10:34 AM
21	link.DBF	29,096,748	10/20/2025	10:01 AM
22	LRT_BUS.TB	70	10/20/2025	10:07 AM
23	LRT_LINK.TB	9	10/20/2025	10:07 AM
24	LRT_NODE.TB	9	10/20/2025	10:07 AM
25	LRT_PNRN.TB	0	10/20/2025	10:07 AM
26	MD_Tfac.dbf	10,880	3/13/2025	12:54 PM
27	MET_BUS.TB	11,410	10/20/2025	10:07 AM
28	MET_LINK.TB	6,673	10/20/2025	10:07 AM
29	MET_NODE.TB	5,545	10/20/2025	10:07 AM
30	MET_PNRN.TB	2,365	10/20/2025	10:07 AM
31	MetLnkM1.TB	27,446	10/20/2025	10:07 AM
32	MetNodM1.TB	10,010	10/20/2025	10:07 AM
33	MFare1.a1	3,907	10/20/2025	10:07 AM
34	mfare1_Sta_Disc.ASC	2,100	3/10/2006	9:34 AM
35	MODE10AM.TB	3,208	10/20/2025	10:07 AM
36	MODE10OP.TB	2,195	10/20/2025	10:07 AM

File List - Subdirectory:

\\CGV2_4_6_Visualize2050_Xmittal\2017\Inputs (continued)

Seq. No.	File Name	Bytes	Date	Time
37	MODE1AM.TB	307,199	10/20/2025	10:06 AM
38	MODE1OP.TB	256,765	10/20/2025	10:06 AM
39	MODE2AM.TB	36,036	10/20/2025	10:06 AM
40	MODE2OP.TB	15,315	10/20/2025	10:06 AM
41	MODE3AM.TB	6,552	10/20/2025	10:06 AM
42	MODE3OP.TB	7,215	10/20/2025	10:06 AM
43	MODE4AM.TB	10,002	10/20/2025	10:06 AM
44	MODE4OP.TB	7,483	10/20/2025	10:06 AM
45	MODE5AM.TB	9	10/20/2025	10:07 AM
46	MODE5OP.TB	9	10/20/2025	10:07 AM
47	MODE6AM.TB	287,884	10/20/2025	10:06 AM
48	MODE6OP.TB	227,322	10/20/2025	10:06 AM
49	MODE7AM.TB	43,787	10/20/2025	10:06 AM
50	MODE7OP.TB	23,542	10/20/2025	10:06 AM
51	MODE8AM.TB	89,523	10/20/2025	10:06 AM
52	MODE8OP.TB	108,299	10/20/2025	10:07 AM
53	MODE9AM.TB	106,839	10/20/2025	10:07 AM
54	MODE9OP.TB	48,021	10/20/2025	10:07 AM
55	NEW_BUS.TB	1,680	10/20/2025	10:07 AM
56	NEW_LINK.TB	1,846	10/20/2025	10:07 AM
57	NEW_NODE.TB	1,530	10/20/2025	10:07 AM
58	NEW_PNRN.TB	9	10/20/2025	10:07 AM
59	NHO_NL_MC.MTT	29,815,958	5/25/2023	7:18 PM
60	NHW_NL_MC.MTT	35,691,923	5/25/2023	7:18 PM
61	node.DBF	2,373,130	10/20/2025	10:01 AM
62	NT_Tfac.dbf	10,880	3/13/2025	12:55 PM
63	pen.DBF	4,444	5/3/2011	10:38 AM
64	PM_Tfac.dbf	10,880	3/13/2025	12:55 PM
65	schl.adr	517,977	5/26/2021	9:10 AM
66	StaAcc.dbf	259	3/27/2010	10:34 AM
67	Station.DBF	197,226	10/20/2025	10:07 AM
68	tariff.txt	1,997	9/1/2021	1:54 PM
69	taxi.adr	530,469	5/26/2021	9:10 AM
70	TAZFRZN.ASC	301,268	8/23/2011	10:01 AM
71	Toll_Esc.dbf	10,379	3/14/2025	1:32 PM
72	TRNPEN.DAT	1,098	12/11/2010	3:28 PM
73	visi.adr	746,639	5/26/2021	9:10 AM
74	xtrawalk.dbf	1,278	3/27/2017	12:21 PM
75	xxaut.vtt	32,279	5/24/2021	4:00 PM
76	xxcvl.vtt	101,716	5/24/2021	4:00 PM
77	zone.dbf	521,625	4/28/2021	3:35 PM
	Total	236,041,693		

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\2025\Inputs

Seq. No.	File Name	Bytes	Date	Time
1	airpax.adr	222,700	2/22/2024	11:27 AM
2	AM_Tfac.dbf	24,101	11/3/2025	4:50 PM
3	areadef3722.prn	124,712	12/6/2010	10:59 PM
4	AreaWalk.txt	286,260	1/6/2026	12:27 PM
5	AT_override.TXT	155	9/14/2011	12:27 PM
6	Bus_Factor_File.dbf	2,174	1/31/2023	4:04 PM
7	BUS_PNRN.TB	11,553	10/28/2025	8:39 AM
8	BUSFARAM.ASC	2,014	7/29/2024	9:33 AM
9	BUSFAROP.ASC	2,014	7/29/2024	9:33 AM
10	COM_BUS.TB	4,550	10/28/2025	8:39 AM
11	COM_LINK.TB	3,621	10/28/2025	8:39 AM
12	COM_NODE.TB	2,942	10/28/2025	8:39 AM
13	COM_PNRN.TB	2,702	10/28/2025	8:39 AM
14	CPI_File.txt	2,944	4/15/2024	8:33 AM
15	Ext_PsAs.dbf	10,216	3/21/2024	3:21 PM
16	GIS_variables.DBF	886,093	6/11/2010	2:36 PM
17	HBO_NL_MC.MTT	45,728,435	5/25/2023	12:31 AM
18	HBS_NL_MC.MTT	30,707,554	5/25/2023	12:32 AM
19	HBW_NL_MC.MTT	62,745,457	5/25/2023	12:31 AM
20	Jur.dbf	241	3/27/2010	10:34 AM
21	LINK.DBF	29,171,678	10/28/2025	8:31 AM
22	LRT_BUS.TB	70	10/28/2025	8:39 AM
23	LRT_LINK.TB	9	10/28/2025	8:39 AM
24	LRT_NODE.TB	9	10/28/2025	8:39 AM
25	LRT_PNRN.TB	0	10/28/2025	8:39 AM
26	MD_Tfac.dbf	24,101	11/3/2025	4:51 PM
27	MET_BUS.TB	12,390	10/28/2025	8:39 AM
28	MET_LINK.TB	7,241	10/28/2025	8:39 AM
29	MET_NODE.TB	5,999	10/28/2025	8:39 AM
30	MET_PNRN.TB	2,619	10/28/2025	8:39 AM
31	MetLnkM1.TB	29,782	10/28/2025	8:39 AM
32	MetNodM1.TB	10,780	10/28/2025	8:39 AM
33	MFare1.a1	4,235	10/28/2025	8:39 AM
34	mfare1_Sta_Disc.ASC	2,100	3/10/2006	9:34 AM
35	MODE10AM.TB	3,822	10/28/2025	8:39 AM
36	MODE10OP.TB	3,332	10/28/2025	8:39 AM

File List - Subdirectory:

\\CGV2_4_6_Visualize2050_Xmittal\2025\Inputs (continued)

Seq. No.	File Name	Bytes	Date	Time
37	MODE1AM.TB	258,292	10/28/2025	8:38 AM
38	MODE1OP.TB	239,396	10/28/2025	8:38 AM
39	MODE2AM.TB	22,901	10/28/2025	8:38 AM
40	MODE2OP.TB	11,366	10/28/2025	8:38 AM
41	MODE3AM.TB	6,173	10/28/2025	8:38 AM
42	MODE3OP.TB	6,852	10/28/2025	8:38 AM
43	MODE4AM.TB	8,918	10/28/2025	8:38 AM
44	MODE4OP.TB	5,851	10/28/2025	8:38 AM
45	MODE5AM.TB	9	10/28/2025	8:39 AM
46	MODE5OP.TB	9	10/28/2025	8:39 AM
47	MODE6AM.TB	317,896	10/28/2025	8:38 AM
48	MODE6OP.TB	265,992	10/28/2025	8:39 AM
49	MODE7AM.TB	16,185	10/28/2025	8:39 AM
50	MODE7OP.TB	15,816	10/28/2025	8:39 AM
51	MODE8AM.TB	69,277	10/28/2025	8:39 AM
52	MODE8OP.TB	93,131	10/28/2025	8:39 AM
53	MODE9AM.TB	103,851	10/28/2025	8:39 AM
54	MODE9OP.TB	84,611	10/28/2025	8:39 AM
55	NEW_BUS.TB	2,660	10/28/2025	8:39 AM
56	NEW_LINK.TB	2,627	10/28/2025	8:39 AM
57	NEW_NODE.TB	2,260	10/28/2025	8:39 AM
58	NEW_PNRN.TB	0	10/28/2025	8:39 AM
59	NHO_NL_MC.MTT	30,573,541	5/25/2023	12:30 AM
60	NHW_NL_MC.MTT	37,310,066	5/25/2023	12:30 AM
61	NODE.DBF	2,379,294	10/28/2025	8:31 AM
62	NT_Tfac.dbf	24,101	11/3/2025	4:51 PM
63	pen.DBF	4,444	5/3/2011	10:38 AM
64	PM_Tfac.dbf	24,101	11/3/2025	4:52 PM
65	schl.adr	511,485	4/1/2024	2:55 PM
66	StaAcc.dbf	259	3/27/2010	10:34 AM
67	Station.DBF	212,514	10/28/2025	8:40 AM
68	tariff.txt	1,896	7/30/2024	1:40 PM
69	taxi.adr	538,068	4/1/2024	2:55 PM
70	TAZFRZN.ASC	301,268	8/23/2011	10:01 AM
71	Toll_Esc.dbf	22,898	11/13/2025	4:58 PM
72	TRNPEN.DAT	1,098	12/11/2010	3:28 PM
73	visi.adr	764,310	4/1/2024	2:55 PM
74	xtrawalk.dbf	1,278	3/27/2017	12:21 PM
75	xxaut.vtt	32,267	3/21/2024	3:21 PM
76	xxcvf.vtt	101,884	3/21/2024	3:21 PM
77	zone.dbf	521,625	3/21/2024	11:24 AM
	Total	244,909,075		

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\2026\Inputs

Seq. No.	File Name	Bytes	Date	Time
1	airpax.adr	222,781	2/22/2024	11:29 AM
2	AM_Tfac.dbf	24,892	11/20/2025	9:53 AM
3	areadef3722.prn	124,712	12/6/2010	10:59 PM
4	AreaWalk.txt	286,260	1/8/2026	9:41 AM
5	AT_override.TXT	155	9/14/2011	12:27 PM
6	Bus_Factor_File.dbf	2,174	1/31/2023	4:04 PM
7	BUS_PNRN.TB	11,624	11/21/2025	9:02 AM
8	BUSFARAM.ASC	2,014	7/29/2024	9:33 AM
9	BUSFAROP.ASC	2,014	7/29/2024	9:33 AM
10	COM_BUS.TB	4,550	11/21/2025	9:02 AM
11	COM_LINK.TB	3,621	11/21/2025	9:02 AM
12	COM_NODE.TB	2,942	11/21/2025	9:02 AM
13	COM_PNRN.TB	2,702	11/21/2025	9:02 AM
14	CPI_File.txt	2,944	4/15/2024	8:33 AM
15	Ext_PsAs.dbf	10,216	3/21/2024	3:21 PM
16	GIS_variables.DBF	886,093	6/11/2010	2:36 PM
17	HBO_NL_MC.MTT	45,498,582	9/20/2024	2:15 AM
18	HBS_NL_MC.MTT	30,887,589	9/20/2024	2:15 AM
19	HBW_NL_MC.MTT	61,186,077	9/20/2024	2:15 AM
20	Jur.dbf	241	3/27/2010	10:34 AM
21	Link.DBF	29,185,838	11/3/2025	11:17 AM
22	LRT_BUS.TB	70	11/21/2025	9:02 AM
23	LRT_LINK.TB	9	11/21/2025	9:02 AM
24	LRT_NODE.TB	9	11/21/2025	9:02 AM
25	LRT_PNRN.TB	0	11/21/2025	9:02 AM
26	MD_Tfac.dbf	24,892	11/20/2025	9:53 AM
27	MET_BUS.TB	12,390	11/21/2025	9:02 AM
28	MET_LINK.TB	7,241	11/21/2025	9:02 AM
29	MET_NODE.TB	5,999	11/21/2025	9:02 AM
30	MET_PNRN.TB	2,619	11/21/2025	9:02 AM
31	MetLnkM1.TB	29,782	11/21/2025	9:02 AM
32	MetNodM1.TB	10,780	11/21/2025	9:02 AM
33	MFare1.a1	4,235	11/21/2025	9:02 AM
34	mfare1_Sta_Disc.ASC	2,100	3/10/2006	9:34 AM
35	MODE10AM.TB	4,285	11/21/2025	9:02 AM
36	MODE10OP.TB	3,790	11/21/2025	9:02 AM

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\2026\Inputs (continued)

Seq. No.	File Name	Bytes	Date	Time
37	MODE1AM.TB	258,384	11/21/2025	9:01 AM
38	MODE1OP.TB	239,472	11/21/2025	9:01 AM
39	MODE2AM.TB	22,901	11/21/2025	9:02 AM
40	MODE2OP.TB	11,366	11/21/2025	9:02 AM
41	MODE3AM.TB	6,173	11/21/2025	9:02 AM
42	MODE3OP.TB	6,852	11/21/2025	9:02 AM
43	MODE4AM.TB	8,918	11/21/2025	9:02 AM
44	MODE4OP.TB	5,851	11/21/2025	9:02 AM
45	MODE5AM.TB	9	11/21/2025	9:02 AM
46	MODE5OP.TB	9	11/21/2025	9:02 AM
47	MODE6AM.TB	317,896	11/21/2025	9:02 AM
48	MODE6OP.TB	265,992	11/21/2025	9:02 AM
49	MODE7AM.TB	14,171	11/21/2025	9:02 AM
50	MODE7OP.TB	15,816	11/21/2025	9:02 AM
51	MODE8AM.TB	69,277	11/21/2025	9:02 AM
52	MODE8OP.TB	93,131	11/21/2025	9:02 AM
53	MODE9AM.TB	103,851	11/21/2025	9:02 AM
54	MODE9OP.TB	84,611	11/21/2025	9:02 AM
55	NEW_BUS.TB	3,080	11/21/2025	9:02 AM
56	NEW_LINK.TB	2,840	11/21/2025	9:02 AM
57	NEW_NODE.TB	2,538	11/21/2025	9:02 AM
58	NEW_PNRN.TB	0	11/21/2025	9:02 AM
59	NHO_NL_MC.MTT	30,306,335	9/20/2024	2:13 AM
60	NHW_NL_MC.MTT	37,558,280	9/20/2024	2:14 AM
61	Node.DBF	2,381,170	11/3/2025	11:17 AM
62	NT_Tfac.dbf	24,892	11/20/2025	9:54 AM
63	pen.DBF	4,444	5/3/2011	10:38 AM
64	PM_Tfac.dbf	24,892	11/20/2025	9:54 AM
65	schl.adr	509,360	4/1/2024	2:55 PM
66	StaAcc.dbf	259	3/27/2010	10:34 AM
67	Station.DBF	216,042	11/21/2025	9:03 AM
68	tariff.txt	1,896	7/30/2024	1:40 PM
69	taxi.adr	536,705	4/1/2024	2:55 PM
70	TAZFRZN.ASC	301,268	8/23/2011	10:01 AM
71	Toll_Esc.dbf	23,647	11/22/2025	5:31 PM
72	TRNPEN.DAT	1,098	12/11/2010	3:28 PM
73	visi.adr	759,060	4/1/2024	2:55 PM
74	xtrawalk.dbf	1,278	3/27/2017	12:21 PM
75	xxaut.vtt	32,225	3/21/2024	3:21 PM
76	xxcvt.vtt	101,852	3/21/2024	3:21 PM
77	zone.dbf	521,625	3/21/2024	11:25 AM
	Total	243,295,688		

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\2030\Inputs

Seq. No.	File Name	Bytes	Date	Time
1	airpax.adr	224,717	2/22/2024	11:27 AM
2	AM_Tfac.dbf	26,474	10/8/2024	12:06 PM
3	areadef3722.prn	124,712	12/6/2010	10:59 PM
4	AreaWalk.txt	286,260	1/8/2026	10:07 AM
5	AT_override.TXT	155	9/14/2011	12:27 PM
6	Bus_Factor_File.dbf	2,174	1/31/2023	4:04 PM
7	BUS_PNRN.TB	11,698	12/1/2025	9:32 AM
8	BUSFARAM.ASC	2,014	7/29/2024	9:33 AM
9	BUSFAROP.ASC	2,014	7/29/2024	9:33 AM
10	COM_BUS.TB	4,760	12/1/2025	9:32 AM
11	COM_LINK.TB	3,763	12/1/2025	9:32 AM
12	COM_NODE.TB	3,004	12/1/2025	9:32 AM
13	COM_PNRN.TB	2,764	12/1/2025	9:32 AM
14	CPI_File.txt	2,944	4/15/2024	8:33 AM
15	Ext_PsAs.dbf	10,216	3/21/2024	3:21 PM
16	GIS_variables.DBF	886,093	6/11/2010	2:36 PM
17	HBO_NL_MC.MTT	46,205,403	5/25/2023	8:01 PM
18	HBS_NL_MC.MTT	30,682,629	5/25/2023	8:01 PM
19	HBW_NL_MC.MTT	64,235,034	5/25/2023	8:01 PM
20	Jur.dbf	241	3/27/2010	10:34 AM
21	Link.DBF	29,225,368	12/1/2025	9:28 AM
22	LRT_BUS.TB	1,890	12/1/2025	9:32 AM
23	LRT_LINK.TB	1,420	12/1/2025	9:32 AM
24	LRT_NODE.TB	1,295	12/1/2025	9:32 AM
25	LRT_PNRN.TB	100	12/1/2025	9:32 AM
26	MD_Tfac.dbf	26,474	10/8/2024	12:06 PM
27	MET_BUS.TB	12,950	12/1/2025	9:32 AM
28	MET_LINK.TB	7,241	12/1/2025	9:32 AM
29	MET_NODE.TB	5,999	12/1/2025	9:32 AM
30	MET_PNRN.TB	2,619	12/1/2025	9:32 AM
31	MetLnkM1.TB	29,782	12/1/2025	9:32 AM
32	MetNodM1.TB	10,780	12/1/2025	9:32 AM
33	MFare1.a1	4,235	12/1/2025	9:32 AM
34	mfare1_Sta_Disc.ASC	2,100	3/10/2006	9:34 AM
35	MODE10AM.TB	7,730	12/1/2025	9:32 AM
36	MODE10OP.TB	7,255	12/1/2025	9:32 AM

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\2030\Inputs (continued)

Seq. No.	File Name	Bytes	Date	Time
37	MODE1AM.TB	258,449	12/1/2025	9:30 AM
38	MODE1OP.TB	239,625	12/1/2025	9:30 AM
39	MODE2AM.TB	23,110	12/1/2025	9:31 AM
40	MODE2OP.TB	11,634	12/1/2025	9:31 AM
41	MODE3AM.TB	6,172	12/1/2025	9:31 AM
42	MODE3OP.TB	6,939	12/1/2025	9:31 AM
43	MODE4AM.TB	8,930	12/1/2025	9:31 AM
44	MODE4OP.TB	5,951	12/1/2025	9:31 AM
45	MODE5AM.TB	2,054	12/1/2025	9:31 AM
46	MODE5OP.TB	3,786	12/1/2025	9:31 AM
47	MODE6AM.TB	326,420	12/1/2025	9:31 AM
48	MODE6OP.TB	279,160	12/1/2025	9:31 AM
49	MODE7AM.TB	13,604	12/1/2025	9:32 AM
50	MODE7OP.TB	11,216	12/1/2025	9:32 AM
51	MODE8AM.TB	69,368	12/1/2025	9:32 AM
52	MODE8OP.TB	93,310	12/1/2025	9:32 AM
53	MODE9AM.TB	103,892	12/1/2025	9:32 AM
54	MODE9OP.TB	84,329	12/1/2025	9:32 AM
55	NEW_BUS.TB	7,420	12/1/2025	9:32 AM
56	NEW_LINK.TB	7,384	12/1/2025	9:32 AM
57	NEW_NODE.TB	6,876	12/1/2025	9:32 AM
58	NEW_PNRN.TB	59	12/1/2025	9:32 AM
59	NHO_NL_MC.MTT	30,645,176	5/25/2023	7:59 PM
60	NHW_NL_MC.MTT	37,808,264	5/25/2023	8:00 PM
61	Node.DBF	2,382,108	12/1/2025	9:28 AM
62	NT_Tfac.dbf	26,474	10/8/2024	12:07 PM
63	pen.DBF	4,444	5/3/2011	10:38 AM
64	PM_Tfac.dbf	26,474	10/8/2024	12:07 PM
65	schl.adr	519,527	4/1/2024	2:56 PM
66	StaAcc.dbf	259	3/27/2010	10:34 AM
67	Station.DBF	266,022	12/1/2025	9:33 AM
68	tariff.txt	1,896	7/30/2024	1:40 PM
69	taxi.adr	537,620	4/1/2024	2:56 PM
70	TAZFRZN.ASC	301,268	8/23/2011	10:01 AM
71	Toll_Esc.dbf	25,145	10/18/2024	11:46 PM
72	TRNPEN.DAT	1,098	12/11/2010	3:28 PM
73	visi.adr	755,651	4/1/2024	2:56 PM
74	xtrawalk.dbf	1,278	3/27/2017	12:21 PM
75	xxaut.vtt	32,243	3/21/2024	3:21 PM
76	xxcvt.vtt	101,884	3/21/2024	3:21 PM
77	zone.dbf	521,625	3/21/2024	11:24 AM
	Total	247,592,451		

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\2040\Inputs

Seq. No.	File Name	Bytes	Date	Time
1	airpax.adr	227,917	2/22/2024	11:27 AM
2	AM_Tfac.dbf	27,830	10/25/2024	5:40 PM
3	areadef3722.prn	124,712	12/6/2010	10:59 PM
4	AreaWalk.txt	286,260	1/8/2026	8:42 PM
5	AT_override.TXT	155	9/14/2011	12:27 PM
6	Bus_Factor_File.dbf	2,174	1/31/2023	4:04 PM
7	BUS_PNRN.TB	11,913	12/11/2025	4:27 PM
8	BUSFARAM.ASC	2,014	7/29/2024	9:33 AM
9	BUSFAROP.ASC	2,014	7/29/2024	9:33 AM
10	COM_BUS.TB	4,830	12/11/2025	4:27 PM
11	COM_LINK.TB	3,763	12/11/2025	4:27 PM
12	COM_NODE.TB	3,004	12/11/2025	4:27 PM
13	COM_PNRN.TB	2,764	12/11/2025	4:27 PM
14	CPI_File.txt	2,944	4/15/2024	8:33 AM
15	Ext_PsAs.dbf	10,216	3/21/2024	3:22 PM
16	GIS_variables.DBF	886,093	6/11/2010	2:36 PM
17	HBO_NL_MC.MTT	46,666,711	5/25/2023	2:24 AM
18	HBS_NL_MC.MTT	30,454,495	5/25/2023	2:24 AM
19	HBW_NL_MC.MTT	65,148,668	5/25/2023	2:23 AM
20	Jur.dbf	241	3/27/2010	10:34 AM
21	Link.DBF	29,277,288	12/11/2025	4:21 PM
22	LRT_BUS.TB	1,890	12/11/2025	4:27 PM
23	LRT_LINK.TB	1,420	12/11/2025	4:27 PM
24	LRT_NODE.TB	1,295	12/11/2025	4:27 PM
25	LRT_PNRN.TB	100	12/11/2025	4:27 PM
26	MD_Tfac.dbf	89,838	10/25/2024	5:40 PM
27	MET_BUS.TB	13,020	12/11/2025	4:27 PM
28	MET_LINK.TB	7,241	12/11/2025	4:27 PM
29	MET_NODE.TB	5,999	12/11/2025	4:27 PM
30	MET_PNRN.TB	2,619	12/11/2025	4:27 PM
31	MetLnkM1.TB	29,782	12/11/2025	4:27 PM
32	MetNodM1.TB	10,780	12/11/2025	4:27 PM
33	MFare1.a1	4,235	12/11/2025	4:27 PM
34	mfare1_Sta_Disc.ASC	2,100	3/10/2006	9:34 AM
35	MODE10AM.TB	8,285	12/11/2025	4:27 PM
36	MODE10OP.TB	7,810	12/11/2025	4:27 PM

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\2040\Inputs (continued)

Seq. No.	File Name	Bytes	Date	Time
37	MODE1AM.TB	258,458	12/11/2025	4:25 PM
38	MODE1OP.TB	239,661	12/11/2025	4:25 PM
39	MODE2AM.TB	23,123	12/11/2025	4:25 PM
40	MODE2OP.TB	11,681	12/11/2025	4:25 PM
41	MODE3AM.TB	6,173	12/11/2025	4:25 PM
42	MODE3OP.TB	6,940	12/11/2025	4:25 PM
43	MODE4AM.TB	8,943	12/11/2025	4:25 PM
44	MODE4OP.TB	5,952	12/11/2025	4:25 PM
45	MODE5AM.TB	2,055	12/11/2025	4:25 PM
46	MODE5OP.TB	3,787	12/11/2025	4:25 PM
47	MODE6AM.TB	331,127	12/11/2025	4:26 PM
48	MODE6OP.TB	281,946	12/11/2025	4:26 PM
49	MODE7AM.TB	26,748	12/11/2025	4:26 PM
50	MODE7OP.TB	15,862	12/11/2025	4:26 PM
51	MODE8AM.TB	69,277	12/11/2025	4:26 PM
52	MODE8OP.TB	93,219	12/11/2025	4:26 PM
53	MODE9AM.TB	110,797	12/11/2025	4:27 PM
54	MODE9OP.TB	84,259	12/11/2025	4:27 PM
55	NEW_BUS.TB	8,400	12/11/2025	4:27 PM
56	NEW_LINK.TB	8,165	12/11/2025	4:27 PM
57	NEW_NODE.TB	7,645	12/11/2025	4:27 PM
58	NEW_PNRN.TB	59	12/11/2025	4:27 PM
59	NHO_NL_MC.MTT	30,595,968	5/25/2023	2:22 AM
60	NHW_NL_MC.MTT	38,519,247	5/25/2023	2:22 AM
61	Node.DBF	2,384,520	12/11/2025	4:21 PM
62	NT_Tfac.dbf	89,838	10/25/2024	5:41 PM
63	pen.DBF	4,444	5/3/2011	10:38 AM
64	PM_Tfac.dbf	89,838	10/25/2024	5:41 PM
65	schl.adr	510,457	4/1/2024	2:57 PM
66	StaAcc.dbf	259	3/27/2010	10:34 AM
67	Station.DBF	274,254	12/11/2025	4:28 PM
68	tariff.txt	1,896	7/30/2024	1:40 PM
69	taxi.adr	542,391	4/1/2024	2:57 PM
70	TAZFRZN.ASC	301,268	8/23/2011	10:01 AM
71	Toll_Esc.dbf	26,429	10/27/2024	12:43 AM
72	TRNPEN.DAT	1,098	12/11/2010	3:28 PM
73	visi.adr	761,077	4/1/2024	2:57 PM
74	xtrawalk.dbf	1,278	3/27/2017	12:21 PM
75	xxaut.vtt	32,249	3/21/2024	3:22 PM
76	xxcvt.vtt	102,061	3/21/2024	3:22 PM
77	zone.dbf	521,625	3/21/2024	11:24 AM
	Total	249,696,894		

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\2045\Inputs

Seq. No.	File Name	Bytes	Date	Time
1	airpax.adr	229,693	2/22/2024	11:27 AM
2	AM_Tfac.dbf	29,412	11/7/2024	1:33 PM
3	areadef3722.prn	124,712	12/6/2010	10:59 PM
4	AreaWalk.txt	286,260	1/15/2026	12:44 PM
5	AT_override.TXT	155	9/14/2011	12:27 PM
6	Bus_Factor_File.dbf	2,174	1/31/2023	4:04 PM
7	BUS_PNRN.TB	11,913	12/16/2025	12:46 PM
8	BUSFARAM.ASC	2,014	7/29/2024	9:33 AM
9	BUSFAROP.ASC	2,014	7/29/2024	9:33 AM
10	COM_BUS.TB	4,830	12/16/2025	12:46 PM
11	COM_LINK.TB	3,763	12/16/2025	12:46 PM
12	COM_NODE.TB	3,004	12/16/2025	12:46 PM
13	COM_PNRN.TB	2,764	12/16/2025	12:46 PM
14	CPI_File.txt	2,944	4/15/2024	8:33 AM
15	Ext_PsAs.dbf	10,216	3/21/2024	3:22 PM
16	GIS_variables.DBF	886,093	6/11/2010	2:36 PM
17	HBO_NL_MC.MTT	46,871,084	5/25/2023	8:32 PM
18	HBS_NL_MC.MTT	30,433,425	5/25/2023	8:32 PM
19	HBW_NL_MC.MTT	65,334,458	5/25/2023	8:31 PM
20	Jur.dbf	241	3/27/2010	10:34 AM
21	Link.DBF	29,299,118	12/16/2025	12:45 PM
22	LRT_BUS.TB	1,960	12/16/2025	12:46 PM
23	LRT_LINK.TB	1,420	12/16/2025	12:46 PM
24	LRT_NODE.TB	1,295	12/16/2025	12:46 PM
25	LRT_PNRN.TB	100	12/16/2025	12:46 PM
26	MD_Tfac.dbf	29,412	11/7/2024	1:34 PM
27	MET_BUS.TB	13,160	12/16/2025	12:46 PM
28	MET_LINK.TB	7,241	12/16/2025	12:46 PM
29	MET_NODE.TB	5,999	12/16/2025	12:46 PM
30	MET_PNRN.TB	2,619	12/16/2025	12:46 PM
31	MetLnkM1.TB	29,782	12/16/2025	12:46 PM
32	MetNodM1.TB	10,780	12/16/2025	12:46 PM
33	MFare1.a1	4,235	12/16/2025	12:46 PM
34	mfare1_Sta_Disc.ASC	2,100	3/10/2006	9:34 AM
35	MODE10AM.TB	9,865	12/16/2025	12:46 PM
36	MODE10OP.TB	9,390	12/16/2025	12:46 PM

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\2045\Inputs (continued)

Seq. No.	File Name	Bytes	Date	Time
37	MODE1AM.TB	258,507	12/16/2025	12:45 PM
38	MODE1OP.TB	239,796	12/16/2025	12:45 PM
39	MODE2AM.TB	23,124	12/16/2025	12:46 PM
40	MODE2OP.TB	11,772	12/16/2025	12:46 PM
41	MODE3AM.TB	6,174	12/16/2025	12:46 PM
42	MODE3OP.TB	7,031	12/16/2025	12:46 PM
43	MODE4AM.TB	11,039	12/16/2025	12:46 PM
44	MODE4OP.TB	6,043	12/16/2025	12:46 PM
45	MODE5AM.TB	2,056	12/16/2025	12:46 PM
46	MODE5OP.TB	3,878	12/16/2025	12:46 PM
47	MODE6AM.TB	331,220	12/16/2025	12:46 PM
48	MODE6OP.TB	282,121	12/16/2025	12:46 PM
49	MODE7AM.TB	27,885	12/16/2025	12:46 PM
50	MODE7OP.TB	15,953	12/16/2025	12:46 PM
51	MODE8AM.TB	69,278	12/16/2025	12:46 PM
52	MODE8OP.TB	93,310	12/16/2025	12:46 PM
53	MODE9AM.TB	110,798	12/16/2025	12:46 PM
54	MODE9OP.TB	84,307	12/16/2025	12:46 PM
55	NEW_BUS.TB	10,290	12/16/2025	12:46 PM
56	NEW_LINK.TB	10,153	12/16/2025	12:46 PM
57	NEW_NODE.TB	9,606	12/16/2025	12:46 PM
58	NEW_PNRN.TB	59	12/16/2025	12:46 PM
59	NHO_NL_MC.MTT	30,513,761	5/25/2023	8:30 PM
60	NHW_NL_MC.MTT	38,795,227	5/25/2023	8:30 PM
61	Node.DBF	2,385,458	12/16/2025	12:45 PM
62	NT_Tfac.dbf	29,412	11/7/2024	1:35 PM
63	pen.DBF	4,444	5/3/2011	10:38 AM
64	PM_Tfac.dbf	29,412	11/7/2024	1:36 PM
65	schl.adr	524,224	4/1/2024	2:58 PM
66	StaAcc.dbf	259	3/27/2010	10:34 AM
67	Station.DBF	288,954	12/16/2025	12:48 PM
68	tariff.txt	1,896	7/30/2024	1:40 PM
69	taxi.adr	542,026	4/1/2024	2:58 PM
70	TAZFRZN.ASC	301,268	8/23/2011	10:01 AM
71	Toll_Esc.dbf	27,927	11/8/2024	6:04 PM
72	TRNPEN.DAT	1,098	12/11/2010	3:28 PM
73	visi.adr	761,285	4/1/2024	2:58 PM
74	xtrawalk.dbf	1,278	3/27/2017	12:21 PM
75	xxaut.vtt	32,273	3/21/2024	3:22 PM
76	xxcvt.vtt	102,031	3/21/2024	3:22 PM
77	zone.dbf	521,625	3/21/2024	11:24 AM
	Total	250,147,903		

File List - Subdirectory:

\\CGV2_4_6_Visualize2050_Xmittal\2050\Inputs

Seq. No.	File Name	Bytes	Date	Time
1	airpax.adr	230,181	11/22/2024	4:27 PM
2	AM_Tfac.dbf	29,412	12/6/2024	3:38 PM
3	areadef3722.prn	124,712	11/22/2024	4:27 PM
4	AreaWalk.txt	286,260	2/2/2026	9:38 AM
5	AT_override.TXT	155	11/22/2024	4:27 PM
6	Bus_Factor_File.dbf	2,174	11/22/2024	4:27 PM
7	BUS_PNRN.TB	11,913	1/6/2026	11:43 AM
8	BUSFARAM.ASC	2,014	7/29/2024	9:33 AM
9	BUSFAROP.ASC	2,014	7/29/2024	9:33 AM
10	COM_BUS.TB	4,830	1/6/2026	11:43 AM
11	COM_LINK.TB	3,763	1/6/2026	11:43 AM
12	COM_NODE.TB	3,004	1/6/2026	11:43 AM
13	COM_PNRN.TB	2,764	1/6/2026	11:43 AM
14	CPI_File.txt	2,944	11/22/2024	4:27 PM
15	Ext_PsAs.dbf	10,216	11/22/2024	4:27 PM
16	GIS_variables.DBF	886,093	11/22/2024	4:27 PM
17	HBO_NL_MC.MTT	46,966,576	11/22/2024	4:27 PM
18	HBS_NL_MC.MTT	30,812,218	11/22/2024	4:27 PM
19	HBW_NL_MC.MTT	64,652,612	11/22/2024	4:27 PM
20	Jur.dbf	241	11/22/2024	4:27 PM
21	Link.DBF	29,301,478	1/6/2026	11:36 AM
22	LRT_BUS.TB	1,960	1/6/2026	11:43 AM
23	LRT_LINK.TB	1,420	1/6/2026	11:43 AM
24	LRT_NODE.TB	1,295	1/6/2026	11:43 AM
25	LRT_PNRN.TB	100	1/6/2026	11:43 AM
26	MD_Tfac.dbf	29,412	12/6/2024	3:40 PM
27	MET_BUS.TB	13,160	1/6/2026	11:43 AM
28	MET_LINK.TB	7,241	1/6/2026	11:43 AM
29	MET_NODE.TB	5,999	1/6/2026	11:43 AM
30	MET_PNRN.TB	2,619	1/6/2026	11:43 AM
31	MetLnkM1.TB	29,782	1/6/2026	11:43 AM
32	MetNodM1.TB	10,780	1/6/2026	11:43 AM
33	MFare1.a1	4,235	1/6/2026	11:43 AM
34	mfare1_Sta_Disc.ASC	2,100	11/22/2024	4:27 PM
35	MODE10AM.TB	9,863	1/6/2026	11:43 AM
36	MODE10OP.TB	9,388	1/6/2026	11:43 AM

File List - Subdirectory:

\CGV2_4_6_Visualize2050_Xmittal\2050\Inputs (continued)

Seq. No.	File Name	Bytes	Date	Time
37	MODE1AM.TB	258,505	1/6/2026	11:42 AM
38	MODE1OP.TB	239,794	1/6/2026	11:42 AM
39	MODE2AM.TB	23,122	1/6/2026	11:42 AM
40	MODE2OP.TB	11,770	1/6/2026	11:42 AM
41	MODE3AM.TB	6,172	1/6/2026	11:42 AM
42	MODE3OP.TB	7,029	1/6/2026	11:42 AM
43	MODE4AM.TB	11,037	1/6/2026	11:42 AM
44	MODE4OP.TB	6,041	1/6/2026	11:42 AM
45	MODE5AM.TB	2,054	1/6/2026	11:42 AM
46	MODE5OP.TB	3,876	1/6/2026	11:42 AM
47	MODE6AM.TB	331,218	1/6/2026	11:42 AM
48	MODE6OP.TB	282,119	1/6/2026	11:42 AM
49	MODE7AM.TB	27,883	1/6/2026	11:43 AM
50	MODE7OP.TB	15,951	1/6/2026	11:43 AM
51	MODE8AM.TB	69,276	1/6/2026	11:43 AM
52	MODE8OP.TB	93,308	1/6/2026	11:43 AM
53	MODE9AM.TB	110,796	1/6/2026	11:43 AM
54	MODE9OP.TB	84,305	1/6/2026	11:43 AM
55	NEW_BUS.TB	10,290	1/6/2026	11:43 AM
56	NEW_LINK.TB	10,153	1/6/2026	11:43 AM
57	NEW_NODE.TB	9,606	1/6/2026	11:43 AM
58	NEW_PNRN.TB	59	1/6/2026	11:43 AM
59	NHO_NL_MC.MTT	30,548,056	11/22/2024	4:27 PM
60	NHW_NL_MC.MTT	39,453,290	11/22/2024	4:27 PM
61	Node.DBF	2,385,458	1/6/2026	11:36 AM
62	NT_Tfac.dbf	29,412	12/6/2024	3:41 PM
63	pen.DBF	4,444	11/22/2024	4:27 PM
64	PM_Tfac.dbf	29,412	12/6/2024	3:39 PM
65	schl.adr	521,961	11/22/2024	4:27 PM
66	StaAcc.dbf	259	11/22/2024	4:27 PM
67	Station.DBF	288,954	1/6/2026	11:45 AM
68	tariff.txt	1,896	7/30/2024	1:40 PM
69	taxi.adr	537,217	11/22/2024	4:27 PM
70	TAZFRZN.ASC	301,268	11/22/2024	4:27 PM
71	Toll_Esc.dbf	27,927	12/7/2024	8:39 PM
72	TRNPEN.DAT	1,098	11/22/2024	4:27 PM
73	visi.adr	748,370	11/22/2024	4:27 PM
74	xtrawalk.dbf	1,278	11/22/2024	4:27 PM
75	xxaut.vtt	32,235	11/22/2024	4:27 PM
76	xxcv.vtt	102,113	11/22/2024	4:27 PM
77	zone.dbf	521,625	11/22/2024	4:27 PM
	Total	250,615,565		

Table 2: Control Totals: Demographic and Travel Statistics (V2.4.6 w/ 8 cores)

		2017	2025	2026	2030	2040	2045	2050
1	Households	2,674,028	2,924,239	2,957,873	3,092,815	3,396,571	3,533,770	3,669,571
2	Jobs	4,067,658	4,187,436	4,233,250	4,416,890	4,835,661	5,021,895	5,205,714
3	HH Population	7,093,611	7,682,520	7,756,853	8,054,341	8,722,165	9,040,591	9,333,799
4	HH & GQ Population	7,226,857	7,818,613	7,893,922	8,195,344	8,866,077	9,185,708	9,480,462
5	HH_Inc1	736,575	815,146	825,211	865,559	957,788	999,140	1,039,398
6	HH_Inc2	828,586	908,584	919,404	962,796	1,061,293	1,106,375	1,151,095
7	HH_Inc3	549,783	599,139	605,979	633,422	694,797	722,642	750,561
8	HH_Inc4	559,116	601,406	607,317	631,077	682,738	705,658	728,564
9	HH_All_Incs	2,674,060	2,924,275	2,957,911	3,092,854	3,396,616	3,533,815	3,669,618
10	HH_Siz1	670,992	777,562	789,251	838,603	952,626	999,145	1,053,518
11	HH_Siz2	808,111	867,008	877,789	919,394	1,012,865	1,055,448	1,096,461
12	HH_Siz3	469,404	499,363	504,395	523,771	566,224	586,977	605,164
13	HH_Siz4	725,553	780,343	786,476	811,087	864,901	892,244	914,476
14	HH_ALL_Sizs	2,674,060	2,924,275	2,957,911	3,092,854	3,396,616	3,533,815	3,669,618
15	HH_VA0	241,033	285,384	291,167	315,792	373,513	397,707	419,438
16	HH_VA1	809,211	899,206	911,988	964,033	1,079,598	1,130,253	1,182,941
17	HH_VA2	1,021,596	1,099,866	1,110,329	1,151,954	1,243,537	1,287,531	1,330,744
18	HH_VA3+	602,221	639,819	644,426	661,076	699,968	718,324	736,495
19	HH_All_VAs	2,674,060	2,924,275	2,957,911	3,092,854	3,396,616	3,533,815	3,669,618
20	HBWAutoPsnXI	329,625	333,720	336,858	349,870	381,908	397,434	413,805
21	HBSAutoPsnXI	72,400	73,844	74,526	77,349	84,384	87,835	91,478
22	HBOAutoPsnXI	248,055	253,310	255,915	266,741	293,371	306,233	319,840
23	NHWAutoPsnXI	34,181	34,059	34,312	35,354	37,965	39,269	40,629
24	NHOAutoPsnXI	66,470	66,233	66,724	68,751	73,828	76,364	79,008
25	AutoPsnXI	750,731	761,166	768,334	798,066	871,457	907,136	944,760
26	HBWAutoPsnIX	206,174	207,937	209,646	216,707	234,359	243,072	252,216
27	HBSAutoPsnIX	72,095	75,786	76,482	79,357	86,423	89,829	93,422
28	HBOAutoPsnIX	350,414	355,117	358,814	374,155	412,000	430,340	449,759
29	NHWAutoPsnIX	34,179	34,056	34,309	35,349	37,962	39,263	40,624
30	NHOAutoPsnIX	66,465	66,227	66,717	68,740	73,822	76,352	78,999
31	AutoPsnIX	729,328	739,123	745,967	774,308	844,566	878,856	915,021
32	NonMotr_HBW Trips	162,696	186,167	190,432	207,834	251,312	273,057	293,219
33	NonMotr_HBS_Trips	349,435	411,236	422,814	468,536	572,583	625,420	677,319
34	NonMotr_HBO_Trips	970,428	1,079,870	1,099,781	1,180,490	1,357,662	1,449,858	1,538,664
35	NonMotr_NHW_Trips	494,466	540,595	547,182	572,558	628,702	654,834	680,658
36	NonMotr_NHO_Trips	385,495	420,425	425,351	444,163	485,699	505,445	524,491
37	NonMotr_ALL_Trips	2,362,519	2,638,293	2,685,560	2,873,580	3,295,958	3,508,614	3,714,352

Table 2: Continued

		2017	2025	2026	2030	2040	2045	2050
38	Ext_HBWAdr	465,908	471,003	475,220	492,669	535,872	556,951	579,137
39	Ext_HBSAdr	87,926	91,057	91,899	95,378	103,977	108,166	112,587
40	Ext_HBOAdr	371,505	377,699	381,611	397,868	437,920	457,305	477,820
41	Ext_NHWAdr	53,278	53,085	53,480	55,106	59,183	61,218	63,344
42	Ext_NHOAdr	103,760	103,383	104,148	107,313	115,247	119,203	123,339
43	Ext_ALLAdr	1,082,377	1,096,227	1,106,356	1,148,334	1,252,199	1,302,842	1,356,226
44	Ext_ComVeh	84,763	86,391	87,307	91,103	100,455	104,967	109,749
45	Ext_Medium_Trk	25,650	25,677	25,875	26,673	28,620	29,550	30,525
46	Ext_Heavy_Trk	30,910	31,109	31,398	32,526	35,279	36,575	37,938
47	MC_HBW_Psn	4,045,729	4,406,572	4,453,729	4,640,723	5,051,551	5,242,500	5,424,128
48	MC_HBS_Psn	3,198,783	3,430,834	3,455,147	3,562,431	3,795,533	3,897,651	3,992,501
49	MC_HBO_Psn	7,436,003	8,036,362	8,106,237	8,385,647	8,993,973	9,278,928	9,529,695
50	MC_NHW_Psn	1,675,663	1,822,478	1,840,146	1,907,852	2,055,102	2,127,034	2,196,138
51	MC_NHO_Psn	3,387,735	3,654,857	3,686,946	3,811,949	4,083,299	4,207,519	4,323,282
52	MC_ALL_Psn	19,743,914	21,351,104	21,542,204	22,308,602	23,979,459	24,753,632	25,465,743
53	MC_HBW_Trn	799,109	889,995	901,941	965,850	1,085,665	1,136,092	1,179,138
54	MC_HBS_Trn	26,178	29,969	30,129	32,167	34,780	35,241	35,621
55	MC_HBO_Trn	209,810	247,149	249,498	267,335	296,182	307,082	314,704
56	MC_NHW_Trn	86,221	105,130	106,829	116,677	132,234	137,779	142,110
57	MC_NHO_Trn	31,306	41,177	41,731	45,546	49,648	51,185	51,661
58	MC_All_Trn	1,152,626	1,313,420	1,330,128	1,427,575	1,598,509	1,667,379	1,723,234
59	HBW_TransitPct	19.75	20.2	20.25	20.81	21.49	21.67	21.74
60	HBS_TransitPct	0.82	0.87	0.87	0.9	0.92	0.9	0.89
61	HBO_TransitPct	2.82	3.08	3.08	3.19	3.29	3.31	3.3
62	NHW_TransitPct	5.15	5.77	5.81	6.12	6.43	6.48	6.47
63	NHO_TransitPct	0.92	1.13	1.13	1.19	1.22	1.22	1.19
64	ALL_TransitPct	5.84	6.15	6.17	6.4	6.67	6.74	6.77
65	MC_HBW_AutoPsn	3,246,620	3,516,577	3,551,788	3,674,873	3,965,886	4,106,408	4,244,990
66	MC_HBS_AutoPsn	3,172,605	3,400,865	3,425,017	3,530,264	3,760,753	3,862,410	3,956,880
67	MC_HBO_AutoPsn	7,226,193	7,789,213	7,856,739	8,118,313	8,697,791	8,971,846	9,214,991
68	MC_NHW_AutoPsn	1,589,442	1,717,348	1,733,317	1,791,175	1,922,868	1,989,255	2,054,028
69	MC_NHO_AutoPsn	3,356,428	3,613,681	3,645,214	3,766,402	4,033,651	4,156,334	4,271,620
70	MC_ALL_AutoPsn	18,591,288	20,037,684	20,212,076	20,881,027	22,380,950	23,086,254	23,742,510
71	Int_HBWAutoDrv	2,956,342	3,195,993	3,226,060	3,334,119	3,585,200	3,704,026	3,818,953
72	Int_HBSAutoDrv	2,088,662	2,232,705	2,248,351	2,317,124	2,467,851	2,533,026	2,594,385
73	Int_HBOAutoDrv	4,598,420	4,948,639	4,990,252	5,152,376	5,511,350	5,680,755	5,832,000
74	Int_NHWAutoDrv	1,323,327	1,414,650	1,425,215	1,462,064	1,538,582	1,585,793	1,629,609
75	Int_NHOAutoDrv	2,243,957	2,388,033	2,404,761	2,467,738	2,607,371	2,670,404	2,728,747
76	Int_ALLAutoDrv	13,210,707	14,180,021	14,294,639	14,733,421	15,710,353	16,174,003	16,603,694

Table 2: Continued

		2017	2025	2026	2030	2040	2045	2050
77	HBW_OCC	1.1	1.1	1.1	1.1	1.11	1.11	1.11
78	HBS_OCC	1.52	1.52	1.52	1.52	1.52	1.52	1.53
79	HBO_OCC	1.57	1.57	1.57	1.58	1.58	1.58	1.58
80	NHW_OCC	1.2	1.21	1.22	1.23	1.25	1.25	1.26
81	NHO_OCC	1.5	1.51	1.52	1.53	1.55	1.56	1.57
82	ALL_OCC	1.41	1.41	1.41	1.42	1.42	1.43	1.43
83	Int_CommVeh	1,114,420	1,160,946	1,173,760	1,223,831	1,339,755	1,392,172	1,441,669
84	Int_Med_Truck	457,050	494,379	499,475	519,996	565,714	587,932	610,332
85	Int_Hvy_Truck	106,604	117,229	118,417	123,383	134,330	140,139	145,616
86	ALL_HBWAdr	3,422,250	3,666,997	3,701,279	3,826,788	4,121,072	4,260,977	4,398,090
87	ALL_HBSAdr	2,176,588	2,323,762	2,340,250	2,412,502	2,571,827	2,641,192	2,706,971
88	ALL_HBOAdr	4,969,925	5,326,338	5,371,862	5,550,245	5,949,269	6,138,059	6,309,820
89	ALL_NHWAdr	1,376,605	1,467,735	1,478,695	1,517,170	1,597,765	1,647,011	1,692,953
90	ALL_NHOAdr	2,347,716	2,491,416	2,508,909	2,575,051	2,722,618	2,789,607	2,852,086
91	ALL_ALLAdr_MC	14,293,084	15,276,248	15,400,995	15,881,755	16,962,552	17,476,846	17,959,921
92	ALL_CV	1,199,183	1,247,337	1,261,067	1,314,935	1,440,210	1,497,139	1,551,418
93	ALL_Mtk	482,700	520,056	525,351	546,669	594,333	617,482	640,857
94	ALL_Htk	137,513	148,339	149,815	155,910	169,609	176,714	183,553
95	THRU_Truck	36,824	37,059	37,446	39,072	43,085	45,017	47,069
96	THRU_Auto&CV	47,464	47,781	48,270	50,288	55,199	57,543	60,017
97	Taxi_AutoDrv	132,487	135,697	137,783	143,770	157,456	163,549	169,620
98	Visitor/Tourist Adr	269,333	275,874	280,134	292,405	320,119	332,554	344,791
99	School AutoDrv	313,597	342,945	346,976	362,721	398,288	414,458	430,395
100	Final_Medium_Truck	533,921	570,420	575,025	594,702	638,476	659,633	681,579
101	Final_Heavy_Truck	146,639	155,831	156,933	161,783	172,582	178,270	183,838
102	AirPax_AutoDrv	70,843	84,762	86,529	93,618	108,972	117,071	120,682
103	Final_Comm_Veh	1,387,342	1,439,743	1,452,334	1,503,149	1,619,410	1,671,986	1,722,552
104	All_Veh_Trips_MC	17,231,533	18,366,360	18,522,424	19,123,265	20,476,139	21,116,927	21,720,465
105	TRIPS_per_HH	7.4	7.31	7.3	7.23	7.07	7.02	6.95
106	TRIPS_per_Pop	2.74	2.74	2.73	2.73	2.71	2.7	2.69
107	Total_VMT	166,372,266	176,451,288	177,900,282	183,350,975	195,937,491	202,266,480	207,541,087
108	VMTperCapita	23.02	22.57	22.54	22.37	22.1	22.02	21.89
109	VMTperHH	62.22	60.34	60.14	59.28	57.69	57.24	56.56
110	VMTperTrip	9.65	9.61	9.6	9.59	9.57	9.58	9.55