<div align="center">

Commuter Mobility & Safety, and Worker Safety Dataset
Dataset available at: https://doi.org/10.7910/DVN/MYMTMI

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(This dataset supports report **Commuter Mobility versus Work-zone Safety: An Empirical Study using Data Mining of Anonymous User Generated Trip Information**)

This U.S. Department of Transportation-funded dataset is preserved by the Pacific Northwest Transportation Consortium (PacTrans), the Regional University Transportation Center (UTC) for Federal Region 10 in the digital repository Harvard Dataverse (https://dataverse.harvard.edu), and is available at https://doi.org/10.7910/DVN/MYMTMI.

The related final report **Commuter Mobility versus Work-zone Safety: An Empirical Study using Data Mining of Anonymous User Generated Trip Information**, is available from the National Transportation Library's Digital Repository at https://rosap.ntl.bts.gov/view/dot/55927.

Metadata from the Harvard Dataverse Repository record:
Description:
This dataset contains the following data that was collected to study the relationship between commuter's mobility and safety as they drive through highway work-zones; as well as the construction worker's perception of safety: 1. SurveyForWorkers.docx: This file contains the survey that was used to collect worker perceptions of safety in work-zones. 2. SurveyForCommuters.docx: This file contains the survey that was used to collect commuter's perception of mobility and safety in work-zones. 3. SurveyResultsWorkerCommuter.csv: This file contains the responses obtained from the above two surveys. 4. TCDInventory.xlsx: This file contains an inventory of traffic control and safety devices that were used in 30 highway work-zones for which mobility data was collected. 5. MobilityDataCollected (Folder): This folder contains data collected for mobility analysis: a. WorkzonesCoordinatesAndInstructions.docx: This file contains instructions on how the mobility data can be interpreted. b. DuringConstructionScreenShots (Folder): This folder contains subfolders, each of which contains screenshots of live google maps data for each of the work-zones when they were active. c. AfterConstructionScreenShots (Folder): This folder contains subfolders, each of which contains screenshots of live google maps data for each of the road sections where the work-zones were previously located. (2019-12-18)

Subjects:
Engineering

Keyword:
Mobility, Work-zone, Safety, Construction, Worker, Laborer, Commuter, Crowd sourced

Recommended citation:
Louis, Joseph, 2019, "Commuter Mobility & Safety, and Worker Safety Dataset", https://doi.org/10.7910/DVN/MYMTMI, Harvard Dataverse, V1

Dataset description:

This dataset contains 1 .zip file collection described below.

Commuter Mobility versus Work-zone Safety.zip:

This collection contains 2 files and 2 files types, listed below.
- 3. SurveyResultsWorkerCommuter.csv
- 5. TCDInventory.xlsx

File Type Descriptions:
- The csv file extension is commonly used to files in Comma Separated Value format. A comma-separated values file is a simple text format for a database table. Each line in the CSV file corresponds to a row in the table. Within the line, fields are separated by commas, each field belonging to one table column. The CSV is a simple file format that is supported by many applications. (for more information on .csv files and software, please visit https://www.file-extensions.org/csv-file-extension)
- File extension xlsx is associated with Microsoft Excel, one of the most popular and powerful tool for creating spreadsheets, graphs and much more. (fore more information on .xslx files and software, please visit https://www.file-extensions.org/xlsx-file-extension)

National Transportation Library (NTL) Curation Note:
As this dataset is preserved in a repository outside U.S. DOT control, as allowed by the U.S. DOT's Public Access Plan (https://doi.org/10.21949/1503647) Section 7.4.2 Data, the NTL staff has performed *NO* additional curation actions on this dataset.

NTL staff last accessed this dataset at https://doi.org/10.7910/DVN/MYMTMI on 2021-07-07

If, in the future, you have trouble accessing this dataset at the host repository, please email NTLDataCurator@dot.gov describing your problem. NTL staff will do its best to assist you at that time.