ALLEY INVENTORY SURVEY METADATA

SDOT-UW FINAL 50' PROJECT TO2: TASK 2 AND TASK 3 - METADATA FORM

1. OBJECT INFORMATION

Layer file	Inventory of alleys in Center City area
Metadata Form Date:	03/07/2018

2. DATA SET INFORMATION

Title	Inventory of alleys in Center City area
Abstract:	Location, features and pictures of alleys and its driveways; parking facilities; building main entrances; and narrower points and sections.
Extent:	South Lake Union, Uptown, Belltown, Downtown, Capitol Hill, First Hill, Pike/Pine, 12th Ave, International District (West of I-5).
Data collection dates:	January 2018
Purpose:	Location and features of alleys in Center City area
Supplemental information:	NA: Information that is not applicable to that case. Unknown: Information that is missing or that was not visible or measurable because: the data collection team couldn't access the alley due to (1) construction, (2) temporal obstruction, or (3) safety concerns.
Keyword(s):	Seattle, alley

3. ALLEY INVENTORY TABLE

ATTRIBUTE	CODE DOMAIN	DESCRIPTION
GLOBALID	None	Unique identifier of each survey
TNET_ID	None	King County - Metro Transportation Network (TNET) ID. **NA**: When the alley was not in the King County database.
TY_ED_RF	1 = Access Point 3 = Intersection with another alley 4 = Dead end to a physical barrier 5 = Dead end to driveway with access to street 6 = Dead end to open private property	Type of the alley's end point of reference. See Section 10. Definitions for a further description of the categories of this variable.
X_ED_RF	In linear feet calculated with ArcGIS	GIS X coordinate of the reference end point. Projected Coordinate System: NAD_1983_HARN_ StatePlane_Washington_North_FIPS_4601_Feet
Y_ED_RF	In linear feet calculated with ArcGIS	GIS Y coordinate of the reference end point. Projected Coordinate System: NAD_1983_HARN_ StatePlane_Washington_North_FIPS_4601_Feet
LONG_ ED_RF	In decimal degrees calculated with ArcGIS	GIS Longitude of the reference end point. World Geodetic System: System: GCS_WGS_1984
LAT_ ED_RF	In decimal degrees calculated with ArcGIS	GIS latitude of the reference end point. World Geodetic System: System: GCS_WGS_1984
STREET_RF	None	**If TY_ED_RF = "Intersection with another alley" or "Access Point",** name of the street closest to the reference end point. Otherwise, **NA.**
ST_WYRF	1 = One-way street 2 = Two-way street	**If TY_ED_RF = "Access Point",** traffic direction of the street closest to the reference end point. Otherwise, "**NA.**"
AP_SLPE_RF	In decimal degrees	**If TY_ED_RF = "Access Point",** cross slope of the apron of the reference end point. Otherwise, "**NA.**"
AP_WTH_RF	In feet	**If TY_ED_RF = "Access Point",** Apron width of the reference end point. Otherwise, "**NA**."
AP_LEN_RF	In feet	**If TY_ED_RF = "Access Point",** Length from the curb to the reference end point. Otherwise, "**NA.**"
ONE_WY_ALY	Yes or no	Indicates if the alley has a one-way traffic direction. The indication may be vertical signs or pavement markings.

3. ALLEY INVENTORY TABLE Continued

ATTRIBUTE	CODE DOMAIN	DESCRIPTION
ALLEY_DIR	1 = North 2 = South 3 = East 4 = West 5 = Northeast 6 = Northwest 7 = Southeast 8 = Southwest	If ONE_WY_ALY = “yes”, Traffic direction of the one-way alley. Otherwise, “NA.”
BLOCKED	1 = Construction 2 = Gate 3 = Blocked by a truck 4 = Other	Type of obstruction that impeded measuring inside the alley.
ALY_WTH_RF	In feet	Width of the reference end point measure as the narrowest width within 30ft of the alley.
SIGN_RES	Yes or no	Indicates the existence of a sign restricting the alley usage.
ALY_LENGTH	In feet	Total length of the alleyway.
PAVE_TYP	1 = Asphalt 2 = Concrete 3 = Cobblestones 4 = Other 5 = Gravel	Alley pavement surface type in the majority of the surface.
PAVE_COND	1 =Good 2 = Poor	Qualitative pavement condition assessment based on a subjective evaluation. Pavement in poor conditions are potentially poor for hand carts due to severity of irregular pavement.
GARB_CANS	None	Total number of garbage cans or bins found in the alley.
OIL_CANS	None	Total number of garbage cans or bins for oil found in the alley.
DEBRIS	Yes or no	Indicates the presence or not of debris in the alley.
FURNITURE	Yes or no	Indicates the presence or not of street furniture in the alley.
ALY_WTH_ED	In feet	Width of the opposite alley’s end point measure as the narrowest width within 30ft of the alley.
TY_ED	1 = Access Point 3 = Intersection with another alley 4 = Dead end to building outline 5 = Dead end to driveway with access to street 6 = Dead end to open private property	Type of the opposite alley’s end point. See Section 10. Definitions for a further description of the categories of this variable.

3. ALLEY INVENTORY TABLE Continued

ATTRIBUTE	CODE DOMAIN	DESCRIPTION
X_ED	In linear feet calculated with ArcGIS	GIS X coordinate of the opposite end point. Projected Coordinate System: NAD_1983_HARN_StatePlane_ Washington_North_FIPS_4601_Feet
Y_ED	In linear feet calculated with ArcGIS	GIS Y coordinate of the opposite end point. Projected Coordinate System: NAD_1983_HARN_StatePlane_ Washington_North_FIPS_4601_Feet
LONG_ ED	In decimal degrees calculated with ArcGIS	GIS Longitude of the opposite end point. World Geodetic System: System: GCS_WGS_1984
LAT_ ED	In decimal degrees calculated with ArcGIS	GIS latitude of the opposite end point. World Geodetic System: System: GCS_WGS_1984
STREET_ED	None	**If TY_ED_RF = "Access Point",** name of the street closest to the reference end point. Otherwise, **NA.**
ST_WYED	1 = One-way street 2 = Two-way street	**If TY_ED_RF = "Access Point",** traffic direction of the street closest to the reference end point. Otherwise, "**NA.**"
AP_LEN_ED	In feet	**If TY_ED_RF = "Access Point",** name of the street closest to the opposite end point. Otherwise, "**NA.**"
AP_SLPE_ED	In decimal degrees	**If TY_ED_RF = "Access Point",** cross slope of the apron of the reference end point. Otherwise, "**NA**."
AP_WTH_ED	In feet	**If TY_ED_RF = "Access Point",** Apron width of the reference end point. Otherwise, "**NA.**"

4. NARROWER POINTS TABLE

ATTRIBUTE	CODE DOMAIN	DESCRIPTION
GLOBALID	None	Foreign key corresponding to GlobalID in Table Alley Inventory.
NRW_X1	In feet	Distance from the reference end point to the location of (1) the narrower point, or (2) the start of the narrower section. Narrower points and sections are restrictions to the alley effective width (min. 1ft.) or effective height (below 16 ft.)
NRW_TYP	1 = Bollards 2 = Building outline 3 = Camera 4 = Electric Panels 5 = Fire escapes 6 = Mirrors 7 = Parking / Commercial ventilation intakes or exhaust 8 = Projecting lights 9 = Signs 10 = Standpipes 11= Transformer equipment 12 = Trash chutes 13 = Other	Type of physical obstruction(s) that results in narrower points or sections.
NRW_DIM	1 = Point restricting width 2 = Point restricting height and width 3 = Section restricting width 4 = Section restricting height and width	Dimension(s) restricted by the narrower point or section.
NRW_WTH1	In feet	Effective width of the alley at the narrower point or the start of a narrower section.
NRW_HGT	In feet	**If NRW_DIM = "Point restricting height and width" or NRW_DIM = "Section restricting height and width",** Effective height of the alley at the narrower point or section. Otherwise, "**NA.**"
NRW_WTH2	In feet	**If NRW_DIM = "Section restricting width" or NRW_DIM = "Section restricting height and width",** Effective width of the alley at the end of the narrower section. Otherwise, "**NA.**"
NRW_X2	In feet	**If NRW_DIM = "Section restricting width" or NRW_DIM = "Section restricting height and width",** Distance from the reference end point to end of the narrower section**.** Otherwise, "**NA.**"

5. BUILDING MAIN ENTRANCES TABLE

ATTRIBUTE	CODE DOMAIN	DESCRIPTION
GLOBALID	None	Foreign key corresponding to GlobalID in Table Alley Inventory.
MPRV_X	In feet	Distance from the reference end point to where the main private entrance is located.
BLDG_ADDR	None	Building address.

6. PARKING FACILITY ACCESS TABLE

ATTRIBUTE	CODE DOMAIN	DESCRIPTION
GLOBALID	None	Foreign key corresponding to GlobalID in Table Alley Inventory.
PKG_X	In feet	Distance from the reference end point to where the parking access is located. Only includes parking facilities that can be accessed via the alley. The open-air surface parking lots were recorded based on the midpoint of the lot frontage on the alley.

7. DRIVEWAYS TABLE

ATTRIBUTE	CODE DOMAIN	DESCRIPTION
GLOBALID	None	Foreign key corresponding to GlobalID in Table Alley Inventory.
DRIVE_X	In feet	Distance from the reference end point to where the driveway is located
DRIVE_PKG	Yes or no	Indicates if the driveway provide access to a parking lot
DRIVE_CON	Yes or No	Indicates if the driveway connects with a street.
DRIVE_ST	None	**If DRIVE_CON = "Yes",** name of the street connected to the driveway

8. NON-EXISTING KING COUNTY'S ALLEYS TABLE

ATTRIBUTE	CODE DOMAIN	DESCRIPTION
GLOBALID	None	Foreign key corresponding to GlobalID for picture database.
TNET_ID	None	King County - Metro Transportation Network (TNET) ID

9. PICTURE DATABASE

The picture database related to the infrastructure database consists of a folder with all pictures in JPG format collected in the field for each alley. The pictures in the database follow a naming system that allows identifying each of the pictures corresponding to each alley. The JPG files are named as follows:

"GLOBALID of alley_Variable name of the picture.jpg."

GLOBALID variable is described in Section 3 above and consist of an integer that serves as a unique identifier of each infrastructure in the database. *Variable name of the picture* refers to each of the possible variable names of type picture that relate to a specific feature of the infrastructure as described below.

ATTRIBUTE	DESCRIPTION
GLOBALID	Unique identifier of each survey
PIC_ALY_ST	Picture of the reference end point
PIC_DR_SGN	**If ONE_WY_ALY = "Yes",** Picture of the alley "One way" sign
PIC_RES_1	**If SIGN_RES = "Yes",** Picture of the alley usage sign
PIC_RES_2	**If SIGN_RES = "Yes",** Picture of the alley usage sign
PIC_BKED OR PIC_INALY	In case of obstructed alley, picture of the area within the alley
PIC_NRWPT1	Picture of the narrower point or section
PIC_NRWPT2	Picture of the narrower point or section
PIC_MPRV	Picture of the main private entrance
PIC_PKG	Picture of the parking access
PIC_ALYDRIVE	Picture of the driveway
PIC_PAVE	Picture of the pavement surface
PIC_DEND OR PIC_ALY_ED	Picture of the opposite end point
PIC_NOALY1	Picture of location of alleys that no longer exist

10. DEFINITIONS

10. 1 General definitions

Alley end points. The point where an alley begins or ends. By definition, every alley has two end points.

10.2 Code Definitions

TY_ED and TY_ED_RF code dictionary

CODE	DESCRIPTION
Access Point	End point located at the block face of a city block. This is the most common prevalent example of an end point. Often there will be buildings on either side of the alley's access point but in some cases, there may be vacant lots or surface parking lots.
Intersection with another alley	End point where two alleys intersect inside a city block.
Dead end at a physical barrier	End point where an alley ends at a dead-end impassible for vehicles, such as a building outline and staircase.
Dead end at a driveway with access to the street	End point where an alley dead-ends at a driveway, which provides access to the street.
Dead end at open private property	End point where an alley dead-ends at open private or public property, such as a public square.