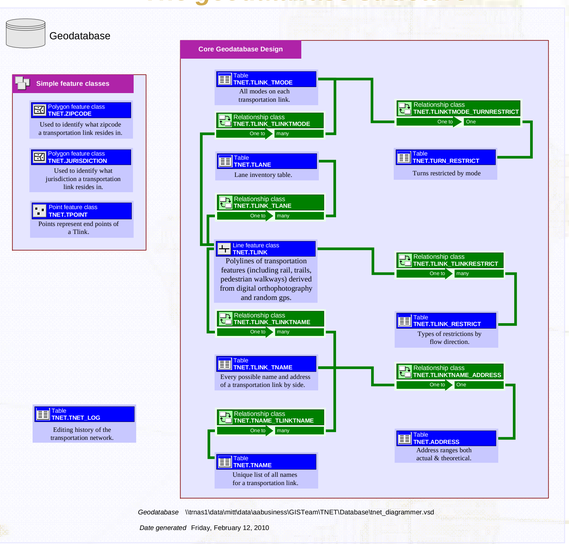
Transportation Network Geodatabase

The geodatabase structure



Geodatabase \\tmas1\data\mmtdata\aabusiness\GISTeam\TNET\Database\tnet_diagrammer.vsd

Date generated Friday, February 12, 2010

Turn Restrictions

Table
TNET.TURN_RESTRICT

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
TURN_RESTRICT_ID	String	Yes					38
TLINK_TMODE_ID	String	Yes					38
FROM_TLINK_ID	String	Yes					38
TO_TLINK_ID	String	Yes					38
TMODE_ID	Long integer	No		TMODE	10		
START_TIME	Long integer	No			10		
END_TIME	Long integer	No			10		
TLINK_END	String	Yes					10
DAY_OF_WEEK	String	Yes	Everyday	DAY_OF_WEEK			10

TURN_RESTRICT table identifies where one transportation link is restricted to turn onto another transportation link by mode.

Uniquely identifies a restricted turn at an intersection
Uniquely identifies a transportation link by mode
The transportation link before the intersection
The transportation link after the intersection
Identifies the mode type
Time of day when restriction starts measured as minutes after midnight
Time of day when restriction ends measured as minutes after midnight
Identifies which end of the transportation link the restriction applies to
Days of the week designation

Relationship class
TNET.TLINKTMODE_TURNRESTRICT

TypeComposite
CardinalityOne to many
NotificationForward

Forward label *TURN_RESTRICT*
Backward label *TLINK_TMODE*

Origin table: Name *TNET.TLINK_TMODE*, Primary key *TLINK_TMODE_ID*, Foreign key *TLINK_TMODE_ID*
Destination table: Name *TNET.TURN_RESTRICT*

No relationship rules defined.

Coded value domain
TNET_TMODE

Description *Mode Types*
Field type *Long integer*
Split policy *Duplicate*
Merge policy *Default value*

Code	Description
1	Vehicular - Car
2	Vehicular - Bus
3	Bicycle
4	Ferry
5	Pedestrian
6	Rail
7	Equestrian

Modes

Table
TNET.TLINK_TMODE

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
TLINK_TMODE_ID	String	Yes					38
TLINK_ID	String	Yes					38
TMODE_ID	Long integer	No	1	TMODE	10		
TRAFFIC_FLOW_ID	Short integer	No	0	TRAFFIC_FLOW_ID	4		
DB_MOD_DATE	Date	No			0	0	36
FT_COST	Double	No			38	8	
TF_COST	Double	Yes			38	8	
START_TIME	Long integer	No			10		
END_TIME	Long integer	No			10		
DAY_OF_WEEK	String	Yes	Everyday	DAY_OF_WEEK			10

TLINK_TMODE tables identifies every mode on each transportation link.

Uniquely identifies a transportation link by mode
Uniquely identifies a transportation link
Identifies a mode type
Identifies traffic flow related to feature direction
Date on which record was last modified
From-To travel time as minutes
To-From travel time as minutes
Time of day when restriction starts measured as minutes after midnight
Time of day when restriction starts measured as minutes after midnight
Days of the week designation

Coded value domain
TNET_TRAFFIC_FLOW_ID

Description *Traffic Flow Direction related to arc direction*
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
0	BOTH
1	WITH
2	AGAINST

Coded value domain
TNET_DAY_OF_WEEK

Description *Days of the week*
Field type *String*
Split policy *Duplicate*
Merge policy *Default value*

Code	Description
Everyday	all seven days of the week
Weekdays	Monday through Friday
Weekend	Saturday and Sunday

Relationship class
TNET.TLINK_TLINKTMODE

TypeComposite
CardinalityOne to many
NotificationForward

Forward label *TLINK_TMODE*
Backward label *TLINK*

Origin feature class: Name *TNET.TLINK*, Primary key *TLINK_ID*, Foreign key *TLINK_ID*
Destination table: Name *TNET.TLINK_TMODE*

No relationship rules defined.

Range domain
TNET_LANE_WIDTH

Description *Width of each land associated with TLINK feature*
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Minimum value	Maximum value
1	15

Lane Inventory

Table
TNET.TLANE

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
TLANE_ID	String	Yes					38
TLINK_ID	String	Yes					38
DB_MOD_DATE	Date	Yes			0	0	36
POSITION_NUM	Short integer	Yes			4		
LANE_WIDTH	Long integer	Yes	12	LANE_WIDTH	10		

TLANE table is the lane inventory for a given transportation link

Uniquely identifies a lane on a transportation link
Uniquely identifies a transportation link
Date on which the transportation link is active
A value representing the lane relative to all lanes on one transportation link
Lane widths measured in feet

Relationship class
TNET.TLINK_TLANE

TypeComposite
CardinalityOne to many
NotificationForward

Forward label *TLANE*
Backward label *TLINK*

Origin feature class: Name *TNET.TLINK*, Primary key *TLINK_ID*, Foreign key *TLINK_ID*
Destination table: Name *TNET.TLANE*

No relationship rules defined.

Coded value domain
TNET_SPEED

Description *TNET speed limit in increments of 5 up to 70*
Field type *Short integer*
Split policy *Duplicate*
Merge policy *Default value*

Code	Description
5	5
10	10
15	15
20	20
25	25
30	30
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70

Coded value domain
TNET_KC_FCC

Description *King County Feature Class Codes*
Field type *String*
Split policy *Duplicate*
Merge policy *Default value*

Code	Description
C	Collector
F	Freeway
M	Minor Arterial
P	Principle Arterial
L	Non-Arterial

Coded value domain
TNET_UFLAG

Description *Update Flag*
Field type *String*
Split policy *Default value*
Merge policy *Default value*

Code	Description
N	New
I	Insert
U	Update

Coded value domain
TNET_CFCC

Description *Census Feature Class Codes*
Field type *String*
Split policy *Duplicate*
Merge policy *Default value*

Code	Description
A00	Road, major and minor categories unknown
A01	Road, unseparated
A02	Road, unseparated, in tunnel
A03	Road, unseparated, underpassing
A04	Road, unseparated, with rail line in center
A05	Road, separated
A06	Road, separated, in tunnel
A07	Road, separated, underpassing
A08	Road, separated, with rail line in center
A1	Primary highways with limited access
A10	Primary highways with limited access, major category
A11	Primary highways with limited access or interstate hwy, unseparated
A12	Primary highways with limited access or interstate hwy, unseparated in tunnel
A13	Primary highways with limited access or interstate hwy, unseparated underpassing
A14	Primary highways with limited access or interstate hwy, unseparated rail line in center
A15	Primary highways with limited access or interstate hwy, separated
A16	Primary highways with limited access or interstate hwy, separated in tunnel
A17	Primary highways with limited access or interstate hwy, separated underpassing
A18	Primary highways with limited access or interstate hwy, separated rail line in center
A2	Primary road without limited access, major category
A20	Primary road without limited access, major category
A21	Primary road without limited access, unseparated
A22	Primary road without limited access, unseparated in tunnel
A23	Primary road without limited access, unseparated underpassing
A24	Primary road without limited access, unseparated rail line in center
A25	Primary road without limited access, separated
A26	Primary road without limited access, separated in tunnel
A27	Primary road without limited access, separated underpassing
A28	Primary road without limited access, separated rail line in center
A3	Secondary and connecting road
A30	Secondary state and county roads, major category
A31	Secondary state and county roads, unseparated
A32	Secondary state and county roads, unseparated in tunnel
A33	Secondary state and county roads, unseparated underpassing
A34	Secondary state and county roads, unseparated rail line in center
A35	Secondary state and county roads, separated
A36	Secondary state and county roads, separated in tunnel
A37	Secondary state and county roads, separated underpassing
A38	Secondary state and county roads, separated rail line in center
A4	Local, neighborhood and rural road
A40	Local, neighborhood, rural road, city street, major category
A41	Local, neighborhood, rural road, city street, unseparated
A42	Local, neighborhood, rural road, city street, unseparated in tunnel
A43	Local, neighborhood, rural road, city street, unseparated underpassing
A44	Local, neighborhood, rural road, city street, unseparated rail line in center
A45	Local, neighborhood, rural road, city street, separated
A46	Local, neighborhood, rural road, city street, separated in tunnel
A47	Local, neighborhood, rural road, city street, separated underpassing
A48	Local, neighborhood, rural road, city street, separated rail line in center
A5	Vehicular trail
A50	Vehicular (4WD) trail, major category
A51	Vehicular (4WD) trail, unseparated
A52	Vehicular (4WD) trail, unseparated in tunnel
A53	Vehicular (4WD) trail, unseparated underpassing
A6	Roads with special characteristics
A60	At-grade ramp or connecting road not associated with a limited access hwy
A61	Cul-de-sac, the closed end of a road that forms a loop or turn around
A62	Traffic circle, the portion of a road or intersection of roads forming a roundabout
A63	Access ramp, the portion of a road that forms a cloverleaf or limited access interchange
A64	Service road, provides access to businesses and rest areas
A65	Ferry crossing, passenger, seasonal
A66	Ferry crossing, passenger, year-round
A67	Ferry crossing, passenger, vehicular, seasonal
A69	Ferry crossing, passenger, vehicular, year-round
A7	Road as other thoroughfare
A70	Other thoroughfare major category
A71	Walkway, for pedestrians, usually unnamed
A72	Stairway, stepped road for pedestrians, usually unnamed
A73	Alley, road for service vehicles, located at the rear of buildings
A74	Driveway, usually privately owned and unnamed
A75	Road, parking area
B00	Railroad, major and minor categories unknown
B01	Railroad track, not in tunnel or underpassing
B02	Railroad track, in tunnel
B20	Railroad spur track, major category
B30	Railroad yard track, major category
B51	Carline, a track for street cars, trolleys, and other mass transit rail systems
C31	Aerial tramway, monorail, or ski lift

Restricted Use

Relationship class
TNET.TLINK_TLINKRESTRICT

TypeComposite
CardinalityOne to many
NotificationForward

Forward label *TLINK_RESTRICT*
Backward label *TLINK*

Origin feature class: Name *TNET.TLINK*, Primary key *TLINK_ID*, Foreign key *TLINK_ID*
Destination table: Name *TNET.TLINK_RESTRICT*

No relationship rules defined.

Table
TNET.TLINK_RESTRICT

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
TLINK_RESTRICT_ID	String	Yes					38
TLINK_ID	String	Yes					38
RESTRICT_TYPE	String	Yes	HOV	RESTRICT_TYPE			10
RESTRICT_FLOW_ID	Short integer	Yes	0	RESTRICT_FLOW_ID	4		
DB_MOD_DATE	Date	Yes			0	0	36
START_TIME	Long integer	Yes			10		
END_TIME	Long integer	Yes			10		
DAY_OF_WEEK	String	Yes	Everyday	DAY_OF_WEEK			10

TLINK_RESTRICT table identifies which transportation links have restrictions by flow direction.

Uniquely identifies a transportation link that has restricted use
Uniquely identifies a transportation link
Identifies the restriction
Identifies the flow direction for a restricted link.
Date on which the record was last modified
Time of day when restriction starts measured as minutes after midnight
Time of day when restriction ends measured as minutes after midnight
Day of week designation

Coded value domain
TNET_RESTRICT_TYPE

Description *Type of Restriction*
Field type *String*
Split policy *Duplicate*
Merge policy *Default value*

Code	Description
HOV	High-Occupancy Vehicle
TRANSIT	Transit Only

Coded value domain
TNET_RESTRICT_FLOW_ID

Description *Flow Direction of Restriction*
Field type *Short integer*
Split policy *Duplicate*
Merge policy *Default value*

Code	Description
0	BOTH
1	WITH
2	AGAINST

Addresses

Relationship class
TNET.TLINKTNAME_ADDRESS

TypeComposite
CardinalityOne to many
NotificationForward

Forward label *ADDRESS*
Backward label *TLINK_TNAME*

Origin table: Name *TNET.TLINK_TNAME*, Primary key *TLINK_TNAME_ID*, Foreign key *TLINK_TNAME_ID*
Destination table: Name *TNET.ADDRESS*

No relationship rules defined.

Table
TNET.ADDRESS

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
ADDRESS_ID	String	Yes					38
TLINK_TNAME_ID	String	Yes					38
DB_MOD_DATE	Date	Yes			0	0	36
FROM_ADD	Long integer	Yes			10		
TO_ADD	Long integer	Yes			10		
ADD_TYPE	String	Yes	T	ADD_TYPE			2
ADD_CONFIDENCE	String	Yes	L	ADD_CONFIDENCE			2
ADDRESS_ID_NUM	Long integer	Yes			10		

ADDRESS table represents address ranges for each transportation link, both actual and theoretical where available.

Uniquely identifies a transportation link with an address
Uniquely identifies an address combination for a transportation link
Date on which the record was last modified
Addresses at the end of a feature
Addresses at the beginning of a feature
Type of address
Level of confidence in source data
Uniquely identifies a transportation link with an address

Coded value domain
TNET_ADD_TYPE

Description *Type of Address*
Field type *Range*
Split policy *String*
Merge policy *Duplicate*

Code	Description
T	Theoretical
A	Actual

Coded value domain
TNET_ADD_CONFIDENCE

Description *Level of Confidence for an address*
Field type *String*
Merge policy *Default value*

Code	Description
L	Low
M	Medium
H	High

Transportation Network Feature Class

Relationship class
TNET.TLINK_TLINK_TNAME

TypeComposite
CardinalityOne to many
NotificationForward

Forward label *TLINK_TNAME*
Backward label *TLINK*

Origin feature class: Name *TNET.TLINK*, Primary key *TLINK_ID*, Foreign key *TLINK_ID*
Destination table: Name *TNET.TLINK_TNAME*

No relationship rules defined.

Table
TNET.TLINK_TNAME

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
TLINK_TNAME_ID	String	Yes					38
TLINK_ID	String	Yes					38
TNAME_ID	String	Yes					38
DB_MOD_DATE	Date	Yes			0	0	36
ZIPCODE	Long integer	Yes			10		
JURIS_ID	String	Yes		JURISDICTION	10		
SIDE	String	Yes	R	SIDE			2
CATEGORY	String	Yes	P	CATEGORY			2
TLINK_TNAME_ID_NUM	Long integer	Yes			10		

TLINK_TNAME table identifies every possible name id and every possible address id for each side of a transportation link.

Uniquely identifies a transportation link by name
Uniquely identifies a transportation link
Identifies the name for a transportation link
Date on which record was last modified
Zipcode for a transportation link
The jurisdiction for a transportation link
Left or Right determined by direction of transportation link
Type of name alternatives
Uniquely identifies a transportation link

Coded value domain
TNET_SIDE

Description *Side of street*
Field type *String*
Split policy *Duplicate*
Merge policy *Default value*

Code	Description
L	Left
R	Right

Coded value domain
TNET_CATEGORY

Description *Type of Name Alternatives*
Field type *String*
Split policy *Duplicate*
Merge policy *Default value*

Code	Description
P	Primary
AP	Alt-Primary
A	Alias

Relationship class
TNET.TLINKTNAME_TLINKTNAME

TypeSimple
CardinalityOne to many
NotificationNone

Forward label *TLINK_TNAME*
Backward label *TNAME*

Origin table: Name *TNET.TNAME*, Primary key *TNAME_ID*, Foreign key *TNAME_ID*
Destination table: Name *TNET.TLINK_TNAME*

No relationship rules defined.

Table
TNET.TNAME

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
TNAME_ID	String	Yes					38
DB_MOD_DATE	Date	Yes			0	0	36
FULLNAME	String	Yes					41
PREFIX	String	Yes		TNAME_DIR			2
NAME	String	Yes					30
TYPE_ID	String	Yes		TNAME_TYPE			4
SUFFIX	String	Yes		TNAME_DIR			2
TNAME_ID_NUM	Long integer	Yes			10		

TNAME table is a unique list of all existing names for a transportation link.

Uniquely identifies a name for a transportation link
Date on which record was last modified
Concatenation of prefix, name, type, suffix
Prefix direction code for a street name
Transportation link name
Transportation link name type code as identified by USPS
Suffix direction code for a street name
Uniquely identifies a name for a transportation link

Coded value domain
TNET_TNAME_TYPE

Description *Street Name Type*
Field type *String*
Split policy *Default value*
Merge policy *Default value*

Code	Description
Ashld	Access Road
Aly	Alley
Ave	Avenue
Blvd	Boulevard
Brg	Bridge
Cir	Circle
Cres	Crest
Ct	Court
Clf	Cutoff
Dr	Drive
Expy	Express Way
Fwy	Freeway
Holw	Hollow
Hwy	Highway
Ky	Key
Ln	Lane
Loop	Loop
Mall	Mall
Opas	Overpass
Park	Park
Pkwy	Parkway
Pl	Place
Rail	Rail
Ramp	Ramp
Rd	Road
Rise	Rise
Sq	Square
St	Street
Stair	Stair
Ter	Terrace
Tr	Trail
Vis	Vista
Walk	Walk
Way	Way

Coded value domain
TNET_TNAME_DIR

Description *Directional on a street name*
Field type *String*
Split policy *Duplicate*
Merge policy *Default value*

Code	Description
N	North
S	South
E	East
W	West
NE	Northeast
NW	Northwest
SE	Southeast
SW	Southwest

Names

Coded value domain
TNET_JURISDICTION

Description *Jurisdiction of a TLINK*
Field type *Long integer*
Split policy *Duplicate*
Merge policy *Default value*

Code	Description
1	Algona
2	Arlington
3	Auburn
4	Beaux Arts
5	Bellevue
6	Black Diamond
7	Bonney Lake
8	Bothell
9	Brier
10	Buckley
11	Burien
12	Carbonado
13	Carnation
14	Clyde Hill
15	Covington
16	Darrington
17	Des Moines
18	Dupont
19	Duvall
20	Eatonville
21	Edgewood
22	Edmonds
23	Enumclaw
24	Everett
25	Federal Way
26	Fife
27	Fircrest
28	Gig Harbor
29	Gold Bar
30	Granite Falls
31	Hunts Point
32	Index
33	Issaquah
34	Kenmore
35	Kent
36	King County
37	Kirkland
38	Lake Forest Park
39	Lake Stevens
40	Lakewood
41	Lynnwood
42	Maple Valley
43	Marysville
44	Medina
45	Mercer Island
46	Mill Creek
47	Milton
48	Monroe
49	Mountlake Terrace
50	Mukilteo
51	Newcastle
52	Normandy Park
53	North Bend
54	Orting
55	Pacific
56	Pierce County
57	Puyallup
58	Redmond
59	Renton
60	Roy
61	Ruston
62	Sammamish
63	SeaTac
64	Seattle
65	Shoreline
66	Skykomish
67	Snohomish
68	Snohomish County
69	Snoqualmie
70	South Prairie
71	Stanwood
72	Steilacoom
73	Sultan
74	Sumner
75	Tacoma
76	Tukwila
77	University Place
78	Wilkeson
79	Woodinville
80	Woodway
81	Yarrow Point

Simple feature class
TNET.JURISDICTION

Geometry *Polygon*
Contains M values *No*
Contains Z values *No*

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
JURIS_ID	Long integer	Yes			10		
CITY_CODE	String	Yes					10
DESCRIPTION	String	Yes					50
SHAPE	Geometry	Yes					
SHAPE.AREA	Double	No			0	0	
SHAPE.LEN	Double	No			0	0	

Jurisdiction Boundaries

Uniquely identifies a jurisdiction
Code for jurisdictions within King County
Full name of jurisdiction
Area in square feet

Simple feature class
TNET.zipcode

Geometry *Polygon*
Contains M values *No*
Contains Z values *No*

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
ZIP	Long integer	Yes			10		
SHAPE	Geometry	Yes					
SHAPE.AREA	Double	No			0	0	
SHAPE.LEN	Double	No			0	0	

Zipcode boundaries within King County

Zipcode value for each polygon
Area in square feet

Simple feature class
TNET.TPOINT

Geometry *Point*
Contains M values *No*
Contains Z values *No*

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
TPOINT_ID	String	Yes					38
CREATEDATE	Date	Yes			0	0	36
EFFECTIVE_DATE	Date	Yes			0	0	36
DB_MOD_DATE	Date	Yes			0	0	36
END_DATE	Date	Yes			0	0	36
UFLAG	String	Yes		UFLAG			1
X_COORD	Double	Yes			38	8	
Y_COORD	Double	Yes			38	8	
JURIS_ID	Long integer	Yes		JURISDICTION	10		
TPOINT_ID_NUM	Long integer	Yes			10		
SHAPE	Geometry	Yes					

Points that represent the endpoints of the Transportation link

Uniquely identifies a Transportation Point
Date on which the record was created
Date on which the Transportation Point is active
Date on which the Transportation Point was last modified
Date on which the Transportation Point is no longer active
A flag identifying a new or updated feature
The X location of a Transportation Point
The Y location of a Transportation Point
The jurisdiction the Transportation Point is within
Uniquely identifies a Transportation Point

Event Logging

Table
TNET.TNET_LOG

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
LOG_ID	String	Yes					38
DB_MOD_DATE	Date	Yes			0	0	36
MAINTAINER_ID	String	Yes					50
USER_DESC	String	Yes					50
TABLE_NAME	String	Yes					50
ATTRIBUTE_NAME	String	Yes					50
FROM_VALUE	String	Yes					100
TO_VALUE	String	Yes					100
SOURCE	String	Yes					50
DETAIL	String	Yes					250
EVENT	String	Yes		EVENT			50
FEATURE_ID_OLD	String	Yes					38
FEATURE_ID_NEW	String	Yes					38
ROW_ID	String	Yes					38

TNET_LOG table maintains both spatial and attribute editing history of the transportation network.

Uniquely identifies each transaction
Date on which record was modified
Uniquely identifies a data maintainer (crosscutsm member)
Identifies an individual user at a maintainer site
The table name of modified record
Name of attribute (item name) that is modified
The original value
The new value
Source of data modification
Notes entered by user
Description of a logged edit
Uniquely identifies a transportation feature before modification
Uniquely identifies a transportation feature after modification
Identifies the OBJECTID from the TABLE_NAME

Coded value domain
TNET_EVENT

Description *Description of logged edit*
Field type *String*
Split policy *Default value*
Merge policy *Default value*

Code	Description
C	Add
D	Delete
A	Attribute
G	Geometry

Simple feature classes

Simple feature class
TNET.LINE

Geometry *Polyline*
Contains M values *No*
Contains Z values *No*

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
TLINK_ID	String	Yes					38
CREATEDATE	Date	Yes			0	0	36
EFFECTIVE_DATE	Date	Yes			0	0	36
DB_MOD_DATE	Date	Yes			0	0	36
END_DATE	Date	Yes			0	0	36
KC_FCC_ID	String	Yes	L	KC_FCC			1
CFCC_ID	String	Yes	A40	CFCC			4
HSS	Short integer	Yes		HSS	4		
UFLAG	String	Yes		UFLAG			2
SPEED_LIMIT	Short integer	Yes	25	SPEED	4		
WEIGHT_USAGE	Long integer	Yes	105500	MAX_WEIGHT	10		
HEIGHT_USAGE	Long integer	Yes	20	MAX_HEIGHT	10		
GRADE	Long integer	Yes	0	GRADE	10		
ROLLING_LENGTH	Double	Yes		ROLLING_LENGTH	38	3	
FROM_TPOINT	String	Yes					38
TO_TPOINT	String	Yes					38
TLINK_ID_NUM	Long integer	Yes			10		
FROM_TPOINT_NUM	Long integer	Yes			10		
TO_TPOINT_NUM	Long integer	Yes			10		
SHAPE	Geometry	Yes					
SHAPE.LEN	Double	No			0	0	

Polylines of transportation features (including rail, trails, pedestrian walkways) derived from digital orthophography and GPS.

Uniquely identifies a transportation link
Date on which the transportation link is created
Date on which the transportation link is active
Date on which the record was modified
Date on which the record is no longer active
King County road class codes
Census feature class codes
A flag identifying a new or updated feature
Vehicular speed limit in MPH
Maximum allowable vehicle weight in pounds
Maximum allowable vehicle height in decimal feet
The degree of inclination to determine accessibility
Length of a transportation link measured in feet by odometer
Identifies the from end point of a transportation link
Identifies the to end point of a transportation link
Uniquely identifies a transportation link
Identifies the from end point of a transportation link
Identifies the to end point of a transportation link
The length of a transportation link measured in feet

Range domain
TNET_MAX_WEIGHT

Description

Minimum value	Maximum value
0	105500

Range domain
TNET_MAX_HEIGHT

Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Minimum value	Maximum value
0	20

Coded value domain
TNET_GRADE

Description *The inclination degree of road for accessibility*
Field type *Long integer*
Split policy *Duplicate*
Merge policy *Default value*

Code	Description
0	less than or = 6%
1	greater than 6%

Range domain
TNET_ROLLING_LENGTH

Description *Actual rolling distance on traveling surface*
Field type *Double*
Split policy *Geometry ratio*
Merge policy *Sum values*

Minimum value	Maximum value
0	0

Coded value domain
TNET_HSS

Description *Highways of State Wide Significance*
Field type *Short integer*
Split policy *Duplicate*
Merge policy *Default*

Code	Description
0	False
1	True