

Vicmap Transport

Proposed model to support the road register, trails and road management

Version 1.4

31 May, 2021

TR_AIRPORT_AREA_POLYGON
UFI: NUMBER(9)
PFI: NUMBER(9)
FEATURE_TYPE_CODE: VARCHAR2(30)
NAME: VARCHAR2(50)
NAMED_FEATURE_ID: NUMBER(9)
HIERARCHY: NUMBER(1)
ICAO_CODE: VARCHAR2(4)
AUTH_ORG_CODE: VARCHAR2(4)
AUTH_ORG_ID: VARCHAR2(30)
VMADD_PFI: VARCHAR2(10)
FEATURE_QUALITY_ID: NUMBER(9)
CREATE_DATE_PFI: DATE
SUPERCEDED_PFI: NUMBER(9)
CREATE_DATE_UFI: DATE

TR_AIRPORT_INFRASTRUCTURE
UFI: NUMBER(9)
PFI: NUMBER(9)
FEATURE_TYPE_CODE: VARCHAR2(30)
NAME: VARCHAR2(50)
NAMED_FEATURE_ID: NUMBER(9)
RUNWAY_NUMBER: VARCHAR2(6)
FEATURE_QUALITY_ID: NUMBER(9)
CREATE_DATE_PFI: DATE
SUPERCEDED_PFI: NUMBER(9)
CREATE_DATE_UFI: DATE

TR_AIR_INFRA_AREA_POLYGON
UFI: NUMBER(9)
PFI: NUMBER(9)
FEATURE_TYPE_CODE: VARCHAR2(30)
NAME: VARCHAR2(50)
NAMED_FEATURE_ID: NUMBER(9)
RUNWAY_NUMBER: VARCHAR2(6)
FEATURE_QUALITY_ID: NUMBER(9)
CREATE_DATE_PFI: DATE
SUPERCEDED_PFI: NUMBER(9)
CREATE_DATE_UFI: DATE

TR_AIR_INFRA_POINT
UFI: NUMBER(9)
PFI: NUMBER(9)
FEATURE_TYPE_CODE: VARCHAR2(30)
NAME: VARCHAR2(50)
NAMED_FEATURE_ID: NUMBER(9)
RUNWAY_NUMBER: VARCHAR2(6)
FEATURE_QUALITY_ID: NUMBER(9)
CREATE_DATE_PFI: DATE
SUPERCEDED_PFI: NUMBER(9)
CREATE_DATE_UFI: DATE

TR_RAIL
UFI: NUMBER(9)
PFI: NUMBER(9)
FEATURE_TYPE_CODE: VARCHAR2(30)
NAME: VARCHAR2(50)
NAMED_FEATURE_ID: NUMBER(9)
PHYSICAL_CONDITION: VARCHAR2(1)
ROAD_REL: VARCHAR2(1)
TRACKS_NUMBER_OF: VARCHAR2(1)
STRUCTURE_TYPE: VARCHAR2(1)
STRUCTURE_NAME: VARCHAR2(50)
RAIL_GAUGE: VARCHAR2(1)
TOURIST_TYPE: VARCHAR2(1)
FROM_UFI: NUMBER(9)
TO_UFI: NUMBER(9)
FEATURE_QUALITY_ID: NUMBER(9)
CREATE_DATE_PFI: DATE
SUPERCEDED_PFI: NUMBER(9)
CREATE_DATE_UFI: DATE

TR_RAIL_INFRASTRUCTURE
UFI: NUMBER(9)
PFI: NUMBER(9)
FEATURE_TYPE_CODE: VARCHAR2(30)
NAME: VARCHAR2(50)
NAMED_FEATURE_ID: NUMBER(9)
PHYSICAL_CONDITION: VARCHAR2(1)
ROAD_REL: VARCHAR2(1)
ROTATION: NUMBER(6,2)
FEATURE_QUALITY_ID: NUMBER(9)
CREATE_DATE_PFI: DATE
SUPERCEDED_PFI: NUMBER(9)
CREATE_DATE_UFI: DATE

VMREFTAB															
Vicmap Reference Table															
<table border="1"><thead><tr><th>VMREFTAB.LGA</th></tr></thead><tbody><tr><td>LGA_CODE: VARCHAR2(3)</td></tr><tr><td>CLASS_CODE: VARCHAR2(2)</td></tr><tr><td>LGA: VARCHAR2(45)</td></tr><tr><td>GAZETTED_LGA_NAME: VARCHAR2(45)</td></tr><tr><td>STATUS: VARCHAR2(8)</td></tr><tr><td>DOI_LGA: VARCHAR2(40)</td></tr><tr><td>VICGOV_REGION_CODE: VARCHAR2(2)</td></tr><tr><td>DSE_REGION_CODE: VARCHAR2(1)</td></tr><tr><td>UFI: NUMBER(14)</td></tr><tr><td>UFI_CREATED: DATE</td></tr><tr><td>DEPI_REGION_CODE: VARCHAR2(1)</td></tr><tr><td>DELWP_REGION_CODE: VARCHAR2(1)</td></tr><tr><td>ABS_LGA_CODE: VARCHAR2(5)</td></tr><tr><td>ROAD_SLOPE_FACTOR: NUMBER(7,3)</td></tr></tbody></table>	VMREFTAB.LGA	LGA_CODE: VARCHAR2(3)	CLASS_CODE: VARCHAR2(2)	LGA: VARCHAR2(45)	GAZETTED_LGA_NAME: VARCHAR2(45)	STATUS: VARCHAR2(8)	DOI_LGA: VARCHAR2(40)	VICGOV_REGION_CODE: VARCHAR2(2)	DSE_REGION_CODE: VARCHAR2(1)	UFI: NUMBER(14)	UFI_CREATED: DATE	DEPI_REGION_CODE: VARCHAR2(1)	DELWP_REGION_CODE: VARCHAR2(1)	ABS_LGA_CODE: VARCHAR2(5)	ROAD_SLOPE_FACTOR: NUMBER(7,3)
VMREFTAB.LGA															
LGA_CODE: VARCHAR2(3)															
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DELWP_REGION_CODE: VARCHAR2(1)															
ABS_LGA_CODE: VARCHAR2(5)															
ROAD_SLOPE_FACTOR: NUMBER(7,3)															

TR_ROAD_INFRASTRUCTURE
UFI: NUMBER(9)
PFI: NUMBER(9)
FEATURE_TYPE_CODE: VARCHAR2(30)
NAME: VARCHAR2(50)
NAMED_FEATURE_ID: NUMBER(9)
HEIGHT_LIMIT: NUMBER(3,1)
PHYSICAL_CONDITION: VARCHAR2(1)
CONSTRUCTION_TYPE: VARCHAR2(2)
ROTATION: NUMBER(6,2)
STRUCTURE_TYPE: VARCHAR2(1)
LOAD_LIMIT: NUMBER(5,2)
LOAD_LIMIT_ASSESS_DATE: DATE
CONSTRUCTION_MATERIAL: VARCHAR2(1)
LENGTH_M: NUMBER(6,2)
WIDTH_M: NUMBER(4,2)
DECK_AREA: NUMBER(9,2)
RESPONSIBLE_AUTH_CODE: VARCHAR2(4)
COORDINATING_AUTH_CODE: VARCHAR2(4)
URBAN: VARCHAR2(1)
CONPF1: NUMBER(9)
CONPF2: NUMBER(9)
FEATURE_QUALITY_ID: NUMBER(9)
CREATE_DATE_PFI: DATE
SUPERCEDED_PFI: NUMBER(9)
CREATE_DATE_UFI: DATE

TR_ROAD_USE
UFI: NUMBER(9)
ROAD_PFI: NUMBER(9)
ROAD_USE: VARCHAR2(2)
CREATE_DATE_UFI: DATE

*Initially TR_ROAD_USE will support the following uses:
Walking Track
On-Road Bike Path
Separated Bike Path
Off-Road Bike Path
Mountain Bike Trail
Horse Riding Trail
Ski Trail
and other transport uses can be easily added.*

TR_ROAD
UFI: NUMBER(9)
PFI: NUMBER(9)
FEATURE_TYPE_CODE: VARCHAR2(30)
NAMED_FEATURE_ID: NUMBER(9)
EZI_ROAD_NAME: VARCHAR2(65)
EZI_ROAD_NAME_LABEL: VARCHAR2(65)
ROAD_NAME: VARCHAR2(45)
ROAD_TYPE: VARCHAR2(15)
ROAD_SUFFIX: VARCHAR2(2)
ROAD_NAME_USE: VARCHAR2(2)
ROAD_NAME_1: VARCHAR2(45)
ROAD_TYPE_1: VARCHAR2(15)
ROAD_SUFFIX_1: VARCHAR2(2)
ROAD_NAME_USE_1: VARCHAR2(2)
ROAD_NAME_2: VARCHAR2(45)
ROAD_TYPE_2: VARCHAR2(15)
ROAD_SUFFIX_2: VARCHAR2(2)
ROAD_NAME_USE_2: VARCHAR2(2)
ROAD_NAME_3: VARCHAR2(45)
ROAD_TYPE_3: VARCHAR2(15)
ROAD_SUFFIX_3: VARCHAR2(2)
ROAD_NAME_USE_3: VARCHAR2(2)
ROAD_NAME_4: VARCHAR2(45)
ROAD_TYPE_4: VARCHAR2(15)
ROAD_SUFFIX_4: VARCHAR2(2)
ROAD_NAME_USE_4: VARCHAR2(2)
ROAD_NAME_5: VARCHAR2(45)
ROAD_TYPE_5: VARCHAR2(15)
ROAD_SUFFIX_5: VARCHAR2(2)
ROAD_NAME_USE_5: VARCHAR2(2)
ROAD_NAME_6: VARCHAR2(45)
ROAD_TYPE_6: VARCHAR2(15)
ROAD_SUFFIX_6: VARCHAR2(2)
ROAD_NAME_USE_6: VARCHAR2(2)
ROAD_NAME_7: VARCHAR2(45)
ROAD_TYPE_7: VARCHAR2(15)
ROAD_SUFFIX_7: VARCHAR2(2)
ROAD_NAME_USE_7: VARCHAR2(2)
LEFT_LOCALITY: VARCHAR2(40)
RIGHT_LOCALITY: VARCHAR2(40)
CLASS_CODE: NUMBER(2)
DIRECTION_CODE: VARCHAR2(1)
ROUTE_NO: VARCHAR2(5)
STRUCTURE_NAME: VARCHAR2(50)
HEIGHT_LIMIT: NUMBER(3,1)
RESTRICTIONS: VARCHAR2(1)
PHYSICAL_CONDITION: VARCHAR2(1)
CONSTRUCTION_TYPE: VARCHAR2(2)
ROAD_SEAL: VARCHAR2(1)
DIV_RD: VARCHAR2(2)
ROAD_STATUS: VARCHAR2(1)
VEHICULAR_ACCESS: NUMBER(1)
SEASONAL_OPEN_DATE: DATE
SEASONAL_CLOSE_DATE: DATE
LOAD_LIMIT: NUMBER(5,2)
LOAD_LIMIT_ASSESS_DATE: DATE
CONSTRUCTION_MATERIAL: VARCHAR2(1)
LENGTH_M: NUMBER(6,2)
WIDTH_M: NUMBER(4,2)
DECK_AREA: NUMBER(9,2)
RESPONSIBLE_AUTH_CODE: VARCHAR2(4)
COORDINATING_AUTH_CODE: VARCHAR2(4)
URBAN: VARCHAR2(1)
NRE_ROUTE: VARCHAR2(6)
FROM_UFI: NUMBER(9)
TO_UFI: NUMBER(9)
FEATURE_QUALITY_ID: NUMBER(9)
CREATE_DATE_PFI: DATE
SUPERCEDED_PFI: NUMBER(9)
CREATE_DATE_UFI: DATE

TR_ROAD_LOCALITY_SECTION
UFI: NUMBER(9)
LOCALITY_ROAD_ID: NUMBER(9)
ROAD_UFI: NUMBER(9)
CREATE_DATE_UFI: DATE

TR_ROAD_LOCALITY
UFI: NUMBER(9)
LOCALITY_ROAD_ID: NUMBER(9)
EZI_ROAD_NAME: VARCHAR2(65)
EZI_ROAD_NAME_LABEL: VARCHAR2(65)
ROAD_NAME: VARCHAR2(45)
ROAD_TYPE: VARCHAR2(15)
ROAD_SUFFIX: VARCHAR2(2)
ROAD_NAME_USE: VARCHAR2(2)
LOCALITY: VARCHAR2(40)
NONUNIQUE_LOCALITY: VARCHAR2(40)
GAZETTAL_REGISTRATION: VARCHAR2(15)
GAZETTAL_DATE: DATE
GAZETTAL_URL: VARCHAR2(200)
ROAD_NAME_THEME: VARCHAR2(10)
ROAD_NAME_GENDER: VARCHAR2(15)
VICNAMES_ID: NUMBER(9)
CREATE_DATE_PFI: DATE
CREATE_DATE_UFI: DATE

TR_ROAD_REGISTER is a spatially enabled version of TR_ROAD_LOCALITY which sources and dissolves lines from TR_ROAD. Maintained by DELWP

TR_ROAD_REGISTER
UFI: NUMBER(9)
LOCALITY_ROAD_ID: NUMBER(9)
EZI_ROAD_NAME: VARCHAR2(65)
EZI_ROAD_NAME_LABEL: VARCHAR2(65)
ROAD_NAME: VARCHAR2(45)
ROAD_TYPE: VARCHAR2(15)
ROAD_SUFFIX: VARCHAR2(2)
ROAD_NAME_USE: VARCHAR2(2)
LOCALITY: VARCHAR2(40)
NONUNIQUE_LOCALITY: VARCHAR2(40)
MIN_CLASS_CODE: NUMBER(2)
GAZETTAL_REGISTRATION: VARCHAR2(15)
GAZETTAL_DATE: DATE
GAZETTAL_URL: VARCHAR2(200)
ROAD_NAME_THEME: VARCHAR2(10)
ROAD_NAME_GENDER: VARCHAR2(15)
VICNAMES_ID: NUMBER(9)
CREATE_DATE_PFI: DATE
CREATE_DATE_UFI: DATE

