

## AMOS Error Codes

error code	allow exception	short_desc	long_desc
5	y	<b>For internal application</b>	
6	y	Invalid characters in the name	Attribute contains punctuation or special characters
7	n	Geometry error on multipart geometry	Multipart geometries (multilinestring or multipoint) are not acceptable
8	n	Change in size of data over limit	The major reduction or increase in the size of the data
9	n	Surface type validation failed	Surface type validation failed
10	n	Road type validation failed	Road type validation failed
11	n	look up value validation failed	look up value validation failed
12	n	Invalid road name	Invalid road name
13	n	Private road end points error	Private road end points error
14	n	Orphan road segments	Any road segment or groups of road segments with end points not connecting to the end point of the master road network or a tie point will be reported as error.
15	n	End point connection	If two road segments touch, the intersection point must be the end points.
16	y	Overpass error	The order of the end point nodes of an overpass cannot be more than 2.
17	n	road segments duplicates	Road segments duplicates
18	n	Outside of the municipality boundary	Data (road segments, address points and points of interest) should be within the municipality boundary
19	y	Segments shorter than 2 meters	Segments shorter than 2 meters
20	y	One way road direction error	One way roads of the same name should be in consistent direction.
21	n	Dangle errors	A dangle point (road 1) should not have another road feature (road 2) within 3 meters.
22	y	Speed classification error	The speed classification test is based on the road type. The speed on this road does not match the value in the table.
23	n	Major decrease in road network	There is no major decrease in the extent of the road network.
24	n	Address point attribute rule	An address must have either a CIVIC_ID or ACCESS_NUM but cannot contain both.
25	y	Address point outside of the acceptable distance	The address points fall within an acceptable distance (30 m) of a driveway or public road.
26	n	Duplicated addresses	duplicated addresses
27	n	Duplicated points	Duplicated points
28	n	Missing tie points	Missing tie points
29	n	Incorrect value in text fields or numeric fields	Text fields that must not be null or blank but do not have lookup tables are OWNER, MAINTAIN, SOURCE, mplaces NAME AND mplaces LOCALE, numeric fields that must have a value include ONEWAY (0 or 1) OVERPASS (0 or 1) and NUM_LANE (1 – 10)
40	n	Cannot be snapped to a tie point	Cannot be snapped to a tie point
41	n	Road name inconsistency	There's inconsistency between the master road name field and other fields being populated
42	n	tie points not connected to any road	tie points not connected to any road
43	n	Invalid field length	Data length exceeded schema specification. Data truncated.
44	y	incorrect road name	Address road name must be the same as the nearest road name or the road connected to the nearest road.
45	y	road name missing in roads layer	The road name used on this address point is not a road name used in the road layer for this municipality.