

City of Brisbane Agenda Report

TO: Honorable Mayor and City Council

FROM: Director of Public Works/City Engineer via City Manager

SUBJECT: Functional Classification Change for Local Streets

DATE: January 19, 2009

City Council Goals:

To promote intergovernmental opportunities that enhances services and/or reduces cost of operations and services to city residents. (#10)

Purpose:

To update the functional classifications for certain streets to ensure that our transportation data is accurate, and to maximize our eligibility for roadway federal aid.

Recommendation:

Approve Resolution No. 2010-04, “A Resolution of the City Council of the City of Brisbane Approving the Submittal of a Functional Classification Change Request for Local Streets and Roads to the California Department of Transportation.”

Background:

In addition to federal aid eligibility and allocations, the appropriate assignment of functional classification for local streets assists in the planning for ultimate roadway sections, and in planning for frequency of roadway rehabilitation.

Functional classification¹ is the process by which streets and highways are grouped into classes, or systems, according to the character of traffic service that they are intended to provide. There are three highway functional classifications: arterial, collector, and local roads. All streets and highways are grouped into one of these classes, depending on the character of the traffic (i.e., local or long distance) and the degree of land access that they allow. These classifications are described further below:

¹ This paragraph and the following table are taken directly from the Federal Highway Administration publication, “Flexibility in Highway Design”.

Functional System	Services Provided
Arterial	Provides the highest level of service at the greatest speed for the longest uninterrupted distance, with some degree of access control.
Collector	Provides a less highly developed level of service at a lower speed for shorter distances by collecting traffic from local roads and connecting them with arterials.
Local	Consists of all roads not defined as arterials or collectors; primarily provides access to land with little or no through movement.

Examples of these classifications in the City of Brisbane are:

Arterial: Bayshore Boulevard, Guadalupe Canyon Parkway
 Minor Arterial San Bruno Avenue, Visitacion Avenue
 Collector: Glen Park Way, Humboldt Road
 Local: Kings Road, Sierra Point Road

In general, the road classifications are proposed for change because they were previously misidentified (e.g., Alana does not have the roadway capacity to serve as a principal arterial); because their previous identification created a “gap” in service (e.g., Mariposa is “needed” as a collector to continue Humboldt Road’s service as a collector to Visitacion); or, because recent improvements changed the road’s use (e.g., the extension of San Francisco Avenue allows this road to collect traffic from Santa Clara). The roads proposed for change are as follows:

Road	From	To
Alana Way (Beatty to SF county line)	Other Principal Arterial	Minor Arterial
Annis Road (Humboldt to San Bruno)	Local	Collector
Beatty Avenue (Tunnel to SF county line)	Collector	Minor Arterial
Mariposa Street (Solano to Visitacion)	Local	Collector
Mission Blue Drive (GCP to Silverspot)	Local	Collector
Monarch Drive (North Hill to Mission Blue)	Local	Collector
Placer Way (Humboldt to Sierra Point)	Local	Collector
San Francisco Avenue (Santa Clara to Visitacion)	Local	Collector
Valley Drive (West Hill to North Hill)	Local	Minor Arterial

Discussion:

Incorrect assignment of roadway functional classifications produces inappropriate results from the Pavement Management System computer model, can result in ineligibility for FHWA Emergency Relief funds, and is inconsistent with best design and planning practices. The recommended changes are consistent with policies and procedures of the Federal Highway Administration and the American Association of State Highway and Transportation Officials.

If Council approves this resolution, the next steps required will be; staff will request a concurrence letter from the Metropolitan Transportation Commission (the Metropolitan Planning Organization and Regional Transportation Agency); the resolution, concurrence letter and marked-up roadway map will be submitted to Caltrans; Caltrans will review, approve, and forward the requested changes to the Federal Highway Administration; and, when finally approved, the updated roadway maps will be posted on the internet.

Fiscal Impact:

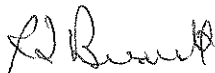
There is no cost to the city as a result of the recommended changes.

Measure of Success

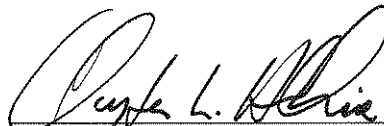
An updated California Road System map that includes the revisions requested in Exhibit A to Resolution No. 2010-04.

Attachments:

Resolution No. 2010-04



Director of Public Works/City Engineer



City Manager

RESOLUTION NO. 2010-04

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
BRISBANE APPROVING THE SUBMITTAL OF A
FUNCTIONAL CLASSIFICATION CHANGE REQUEST FOR
LOCAL STREETS AND ROADS TO THE CALIFORNIA
DEPARTMENT OF TRANSPORTATION**

WHEREAS, incorporated cities are responsible for reviewing the California Road System maps maintained by the California Department of Transportation and for initiating requests for any necessary changes to the functional classification of local streets and roads under their jurisdiction; and

WHEREAS, Functional classification is identified by the Federal Highway Administration as a key item in transportation data, and Federal Aid eligibility is aligned with functional classification; and

WHEREAS, a Functional Classification Change Request, described in Exhibit A and attached hereto, has been reviewed and examined by the City Council of the City of Brisbane.

NOW THEREFORE, BE IT RESOLVED by the City Council of the City of Brisbane that it does hereby authorize the Director of Public Works/City Engineer to submit a Functional Classification Change Request for local streets and roads to the State of California, Department of Transportation, and to execute all documents related to this Change Request.

W. Clarke Conway, Mayor

I hereby certify that the foregoing Resolution No. 2010-04 was duly and regularly adopted at the regular meeting of the Brisbane City Council on January 19, 2010 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Sheri Marie Spediacci, City Clerk

EXHIBIT A

Attach "*Functional Classification Change Request Form*" here

Functional Classification Change Request Form

Submitted by: _____

Date: _____

CRS Map Sheet Number	Coordinate	CT District	County	Jurisdiction	Change/ New/ Delete	Road	From	To	(From) Class	(To) New Class	Length (mi)	Number of Through Lanes	Current AADT
5L32					Change	Alana Way	Beatty Rd	SF CO Line	14	16	0.800	2	7082
5L32					Change	Annis Rd	Humboldt Rd	San Bruno Ave	19	17	0.050	2	200
5L32					Change	Beatty Ave	Tunnel Ave	SF CO Line (@HWY 101)	17	16	0.500	2	6319
5L31					Change	Mariposa St	Solano Ave	Visitation Ave	19	17	0.110	1	1642
5L31					Change	Mission Blue Dr	Guadalupe Canyon Parkway	Silveropol Ct	19	17	0.950	2	2072
5L31					Change	Monarch Dr	North Hill Dr	Mission Blue Dr	19	17	0.210	2	686
5L31					Change	Placer Wy	Humboldt Rd	Sierra Point Rd	19	17	0.020	1	433
5L31/5L32					Change	San Francisco Ave	Santa Clara Ave	Visitation Ave	19	17	0.320	2	173
5L31					Change	Valley Dr	West Hill Dr	North Hill Dr	19	16	0.700	4	4044

Click on any column heading for instructions.

Functional Classification Codes	
Rural Functional Class Codes:	Urban Functional Class Codes:
01= Principal Arterial Interstate	11=Principal Arterial Interstate
02=Other Principal Arterial	12=Principal Arterial -Other Fwys or Expwys
06=Minor Arterial	14=Other Principal Arterial
07=Major Collector	16=Minor Arterial
08=Minor Collector	17=Collector
09=Local	19=Local