

# **TLG GBF Enhancements and Feature Additions**

## **December 1, 1998**

### **Version 2.4**

The Lawrence Group is pleased to announce an expansion and other enhancements to its Twin Cities regional street centerline base and related spatial files. Many enhancements were in response to suggestions and ideas presented by users. We have also taken the liberty to provide additional enhancements that we believe will be practical to many of the users of this data set. With this release, TLG has expanded the coverage area to include the counties of Sherburne and Wright. TLG would particularly like to thank Wright County for their contribution to the development of a complete Wright County centerline coverage. Following are some of the new features that are also outlined in the updated metadata.

## **ROADS**

### **Expanded Coverage Area**

Sherburne and Wright counties have been completed and added for this release.

### **New items** (see updated metadata for complete structures)

fips5\_l and fips5\_r – These fields represent the 5 digit FIPS place codes and allow users to uniquely identify a place (city) without having to account for the county. These fields are provided in addition to the 3 digit mcd FIPS codes and 3 digit county codes previously available. Fips5\_l and fips5\_r represent the left and right side place codes respectively.

f\_xstreet - From cross street name (based on the from-node of the street segment)

t\_xstreet - To cross street name (based on the to-node of the street segment)

Although these items are empty at this time, they will be fully populated in the next release.

highway\_num - Primary interstate, highway or county road number, letter or alphanumeric combination (e.g., 694, 10, B, C2)

This field is only populated for f\_class with values of: A10, A15, A20, A25, and A30, and will allow users to create shield symbology and populate with road numbers without having to parse the value from the streetall or alt\_nam fields.

### **Feature Class Additions**

F\_class A15 has been added for High Occupancy Vehicle (HOV) lanes. At this time, the 394 HOV lanes are the only roads of this type. Additionally, network topology does not exist at the begin and end points of these features due to routing ramifications.

Beginning with the September 1998 release (v. 2.3), US and State Highways were discernable via the f\_class item as well. US highways remain A20 and State Highways became A25.

### **Street Annotation**

Street level annotation in ArcInfo format now exists for the entire metro. Due to some aesthetic constraints in congested areas, annotation exists for the vast majority of street names but is not guaranteed on all streets.

## **TLGPOI, TLGLOI, TLGAOI**

These coverages have been expanded to cover the extents of the entire dataset – including the expansion areas of Sherburne and Wright counties.

TLGPOI has been updated to include the following features (with feature classes in parentheses)

Petroleum Refineries (M11)	Rest stops (M20)
Park and Ride lots (D69)	Select road bridges (M32)
Tunnels (M31)	

TLGLOI now contains pipelines with feature class of C10.

TLGAOI now has ArcInfo format annotation based on the f\_name value. Similarly to the street annotation, there is no subclass required.

TLGAOI and TLGPOI also have a new item called CITYNAME. This item represents the city in which the point (or polygon point) resides. This will allow for better distinction in queries that result in multiple features of the same name.

## **ARCVIEW APPLICATIONS**

TLG has created an avenue script for Arcview users of the TLG GBF to enhance your ability to locate addresses on highways and county roads. Please visit our web site at [WWW.LAWRENCEGROUP.COM](http://WWW.LAWRENCEGROUP.COM) and copy the script for your own use. The script can be found by going to the “GIS Services” page and choosing the Arcview application hyperlink on that page.