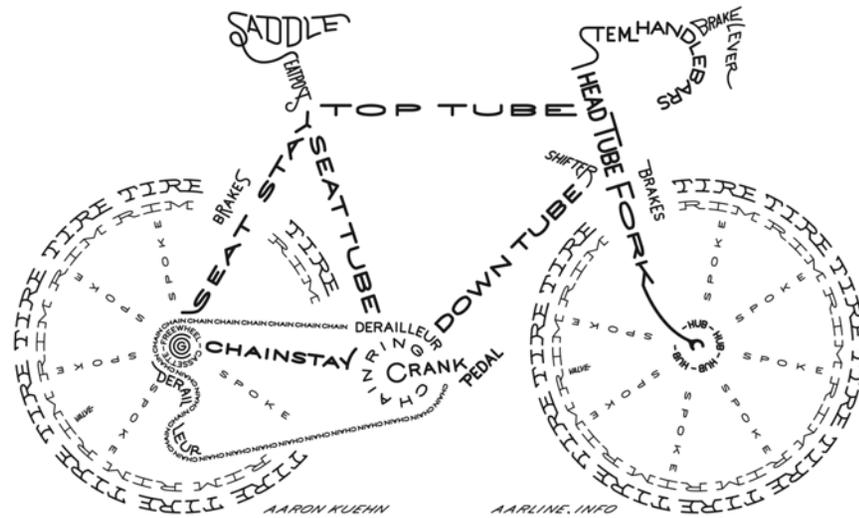
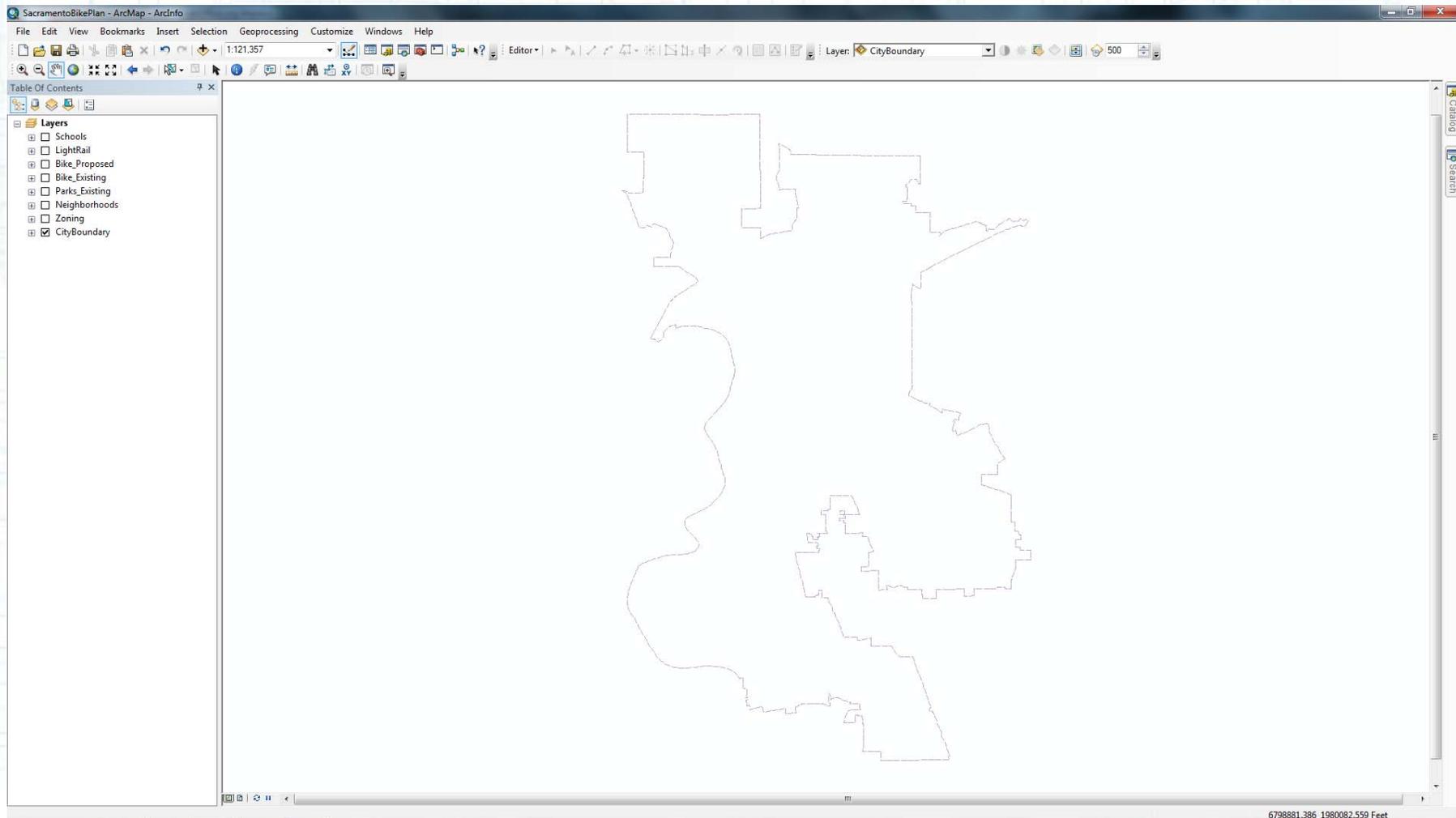


Cycling Around Sacramento

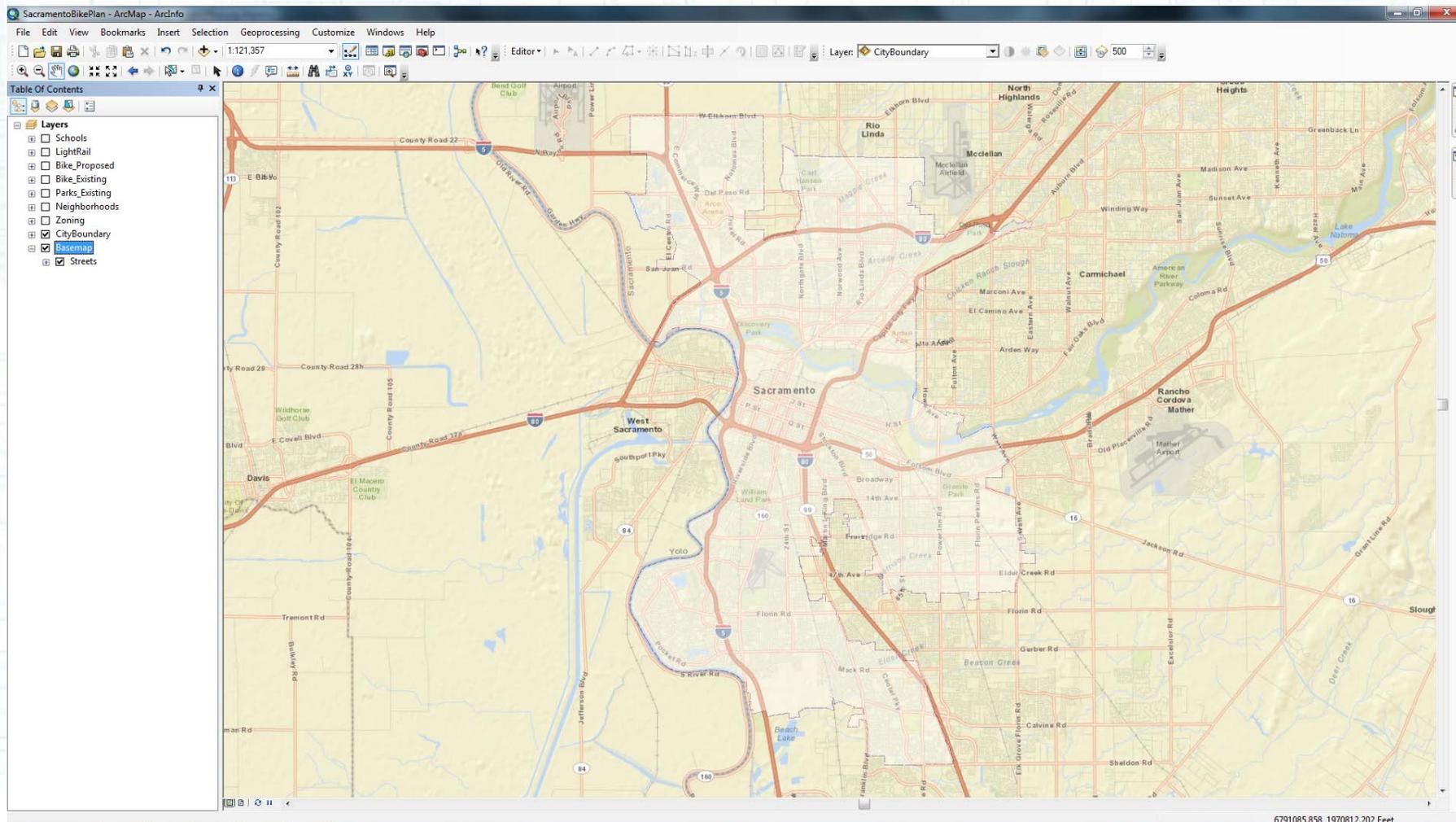
...a GIS map guide to current and future bicycling infrastructure



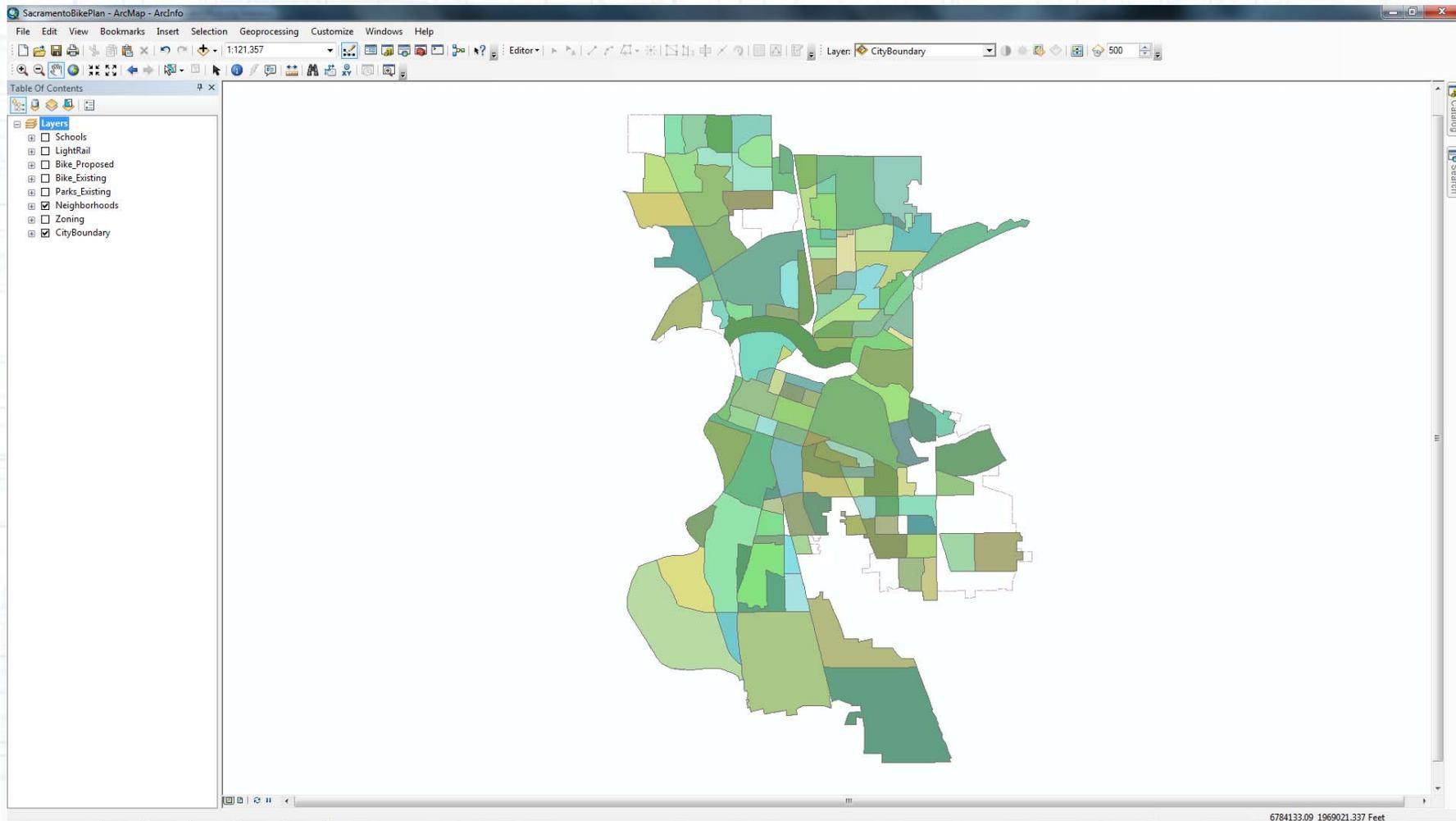
Added 'City Boundary' layer & changed symbology



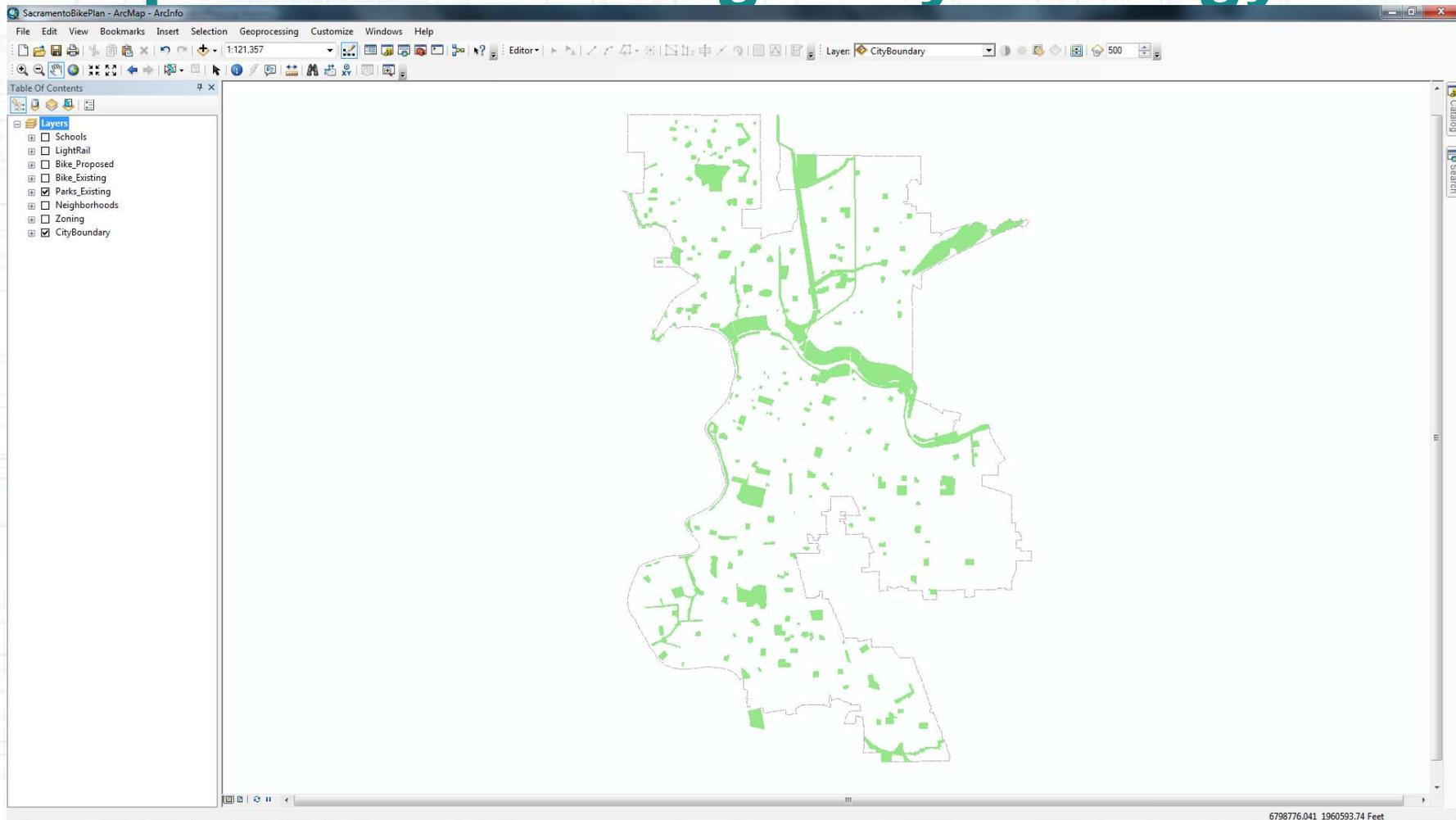
Changed transparency of boundary layer (added 'streets' basemap)



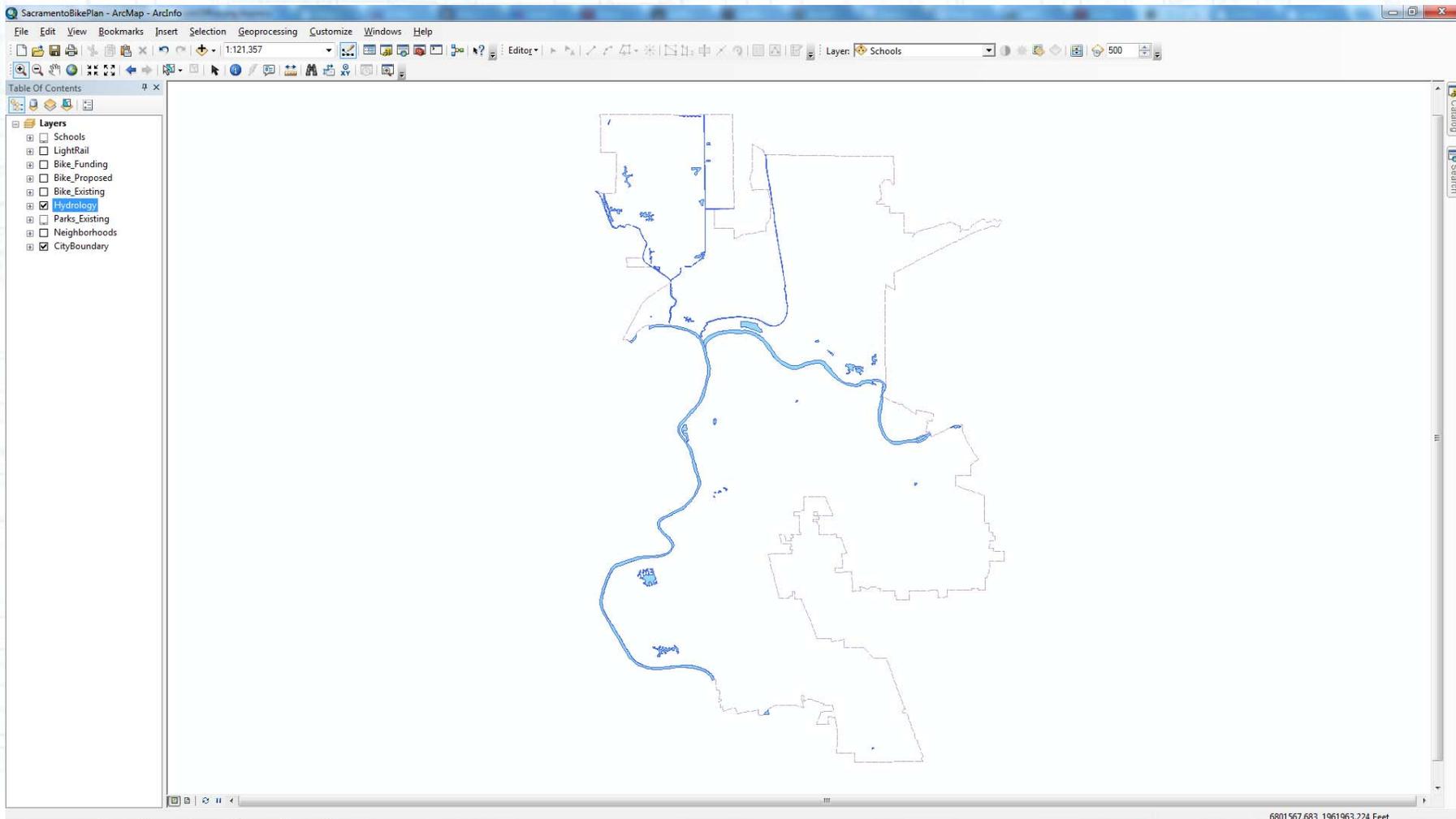
Added 'Neighborhoods' layer; symbolized by 'Name'



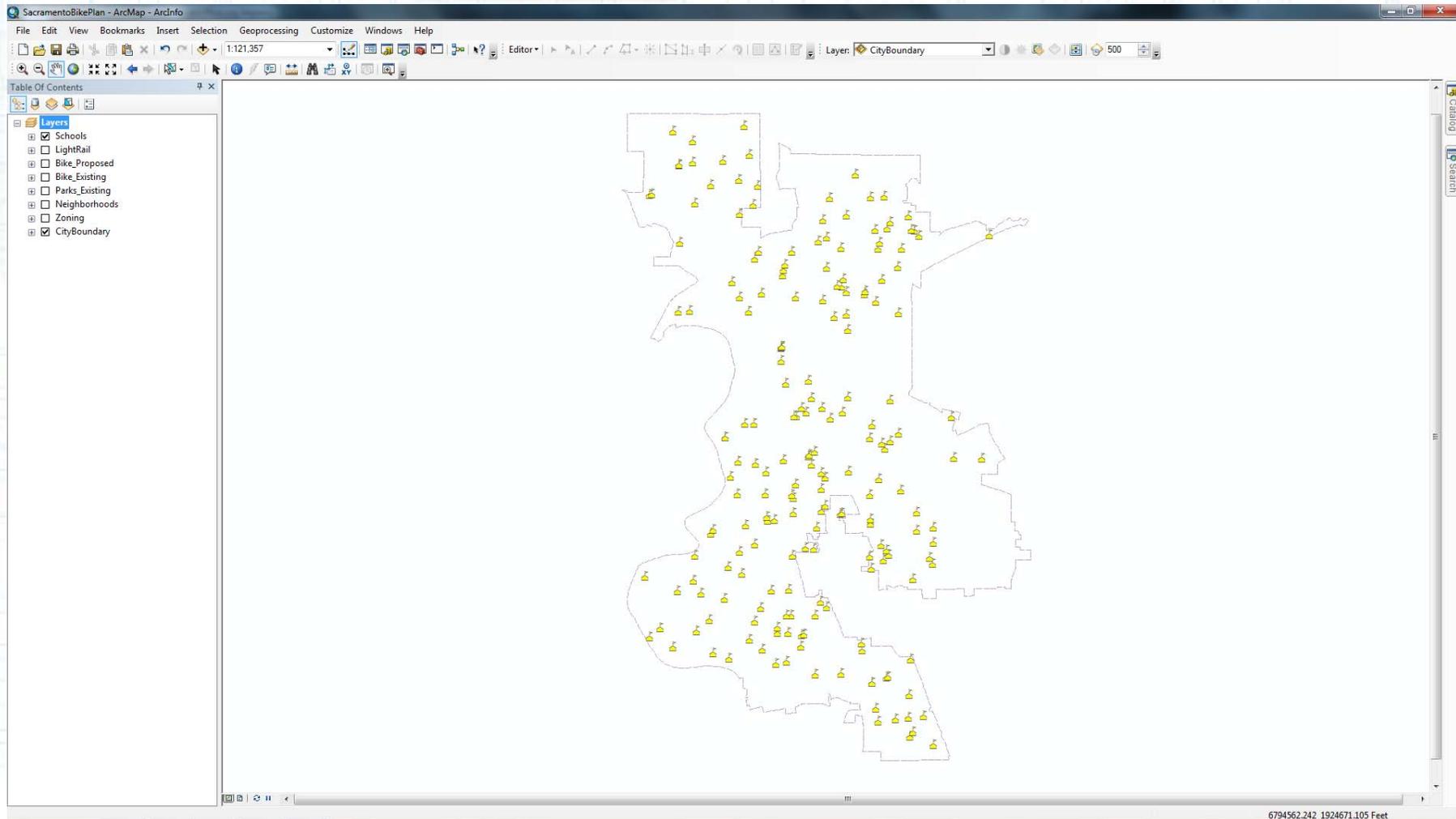
Added 'Parks' layer; exported new parks layer including only existing parks and changed symbology



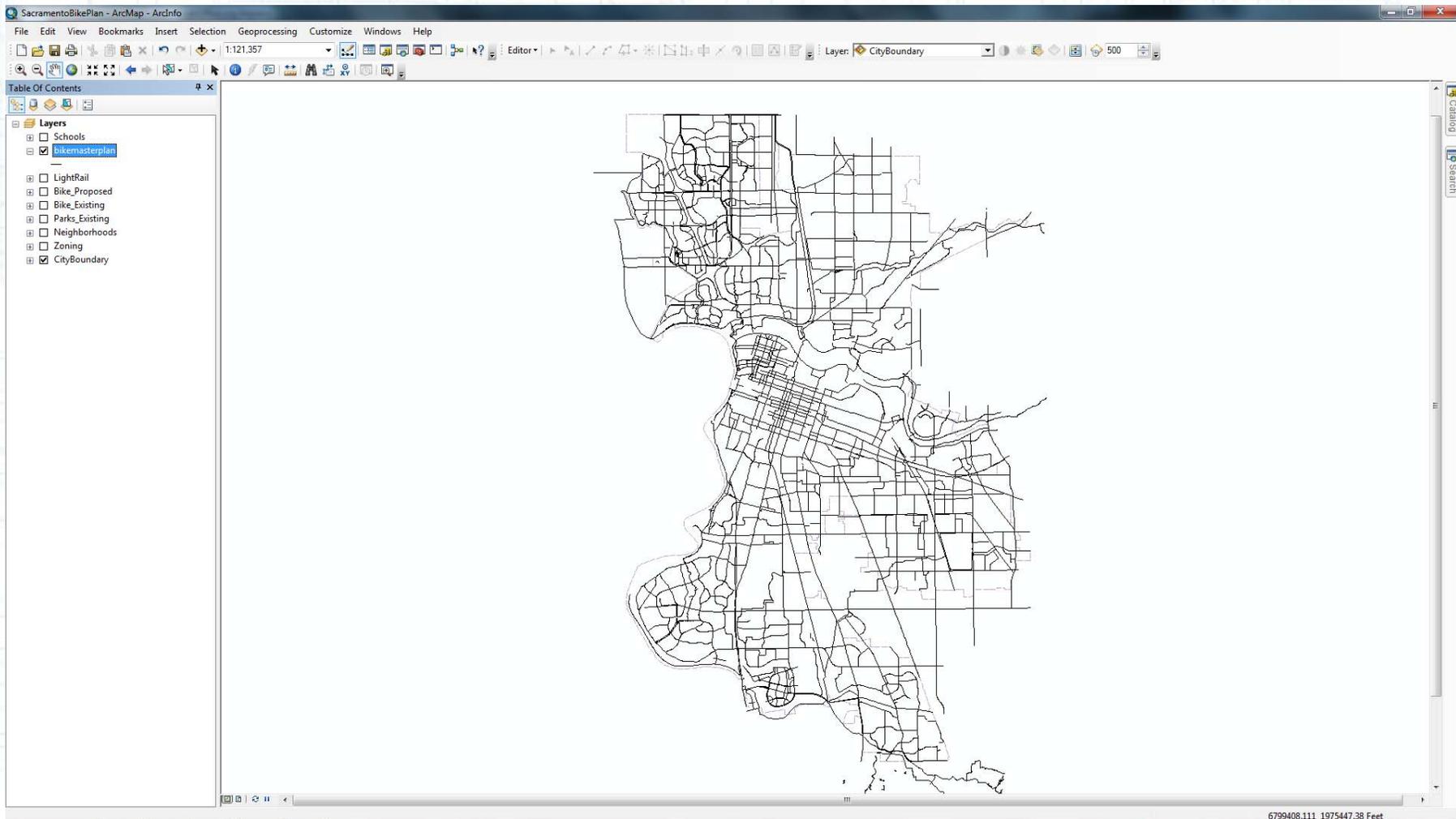
Added 'hydro' layer; clipped layer with city boundary and symbolized as water



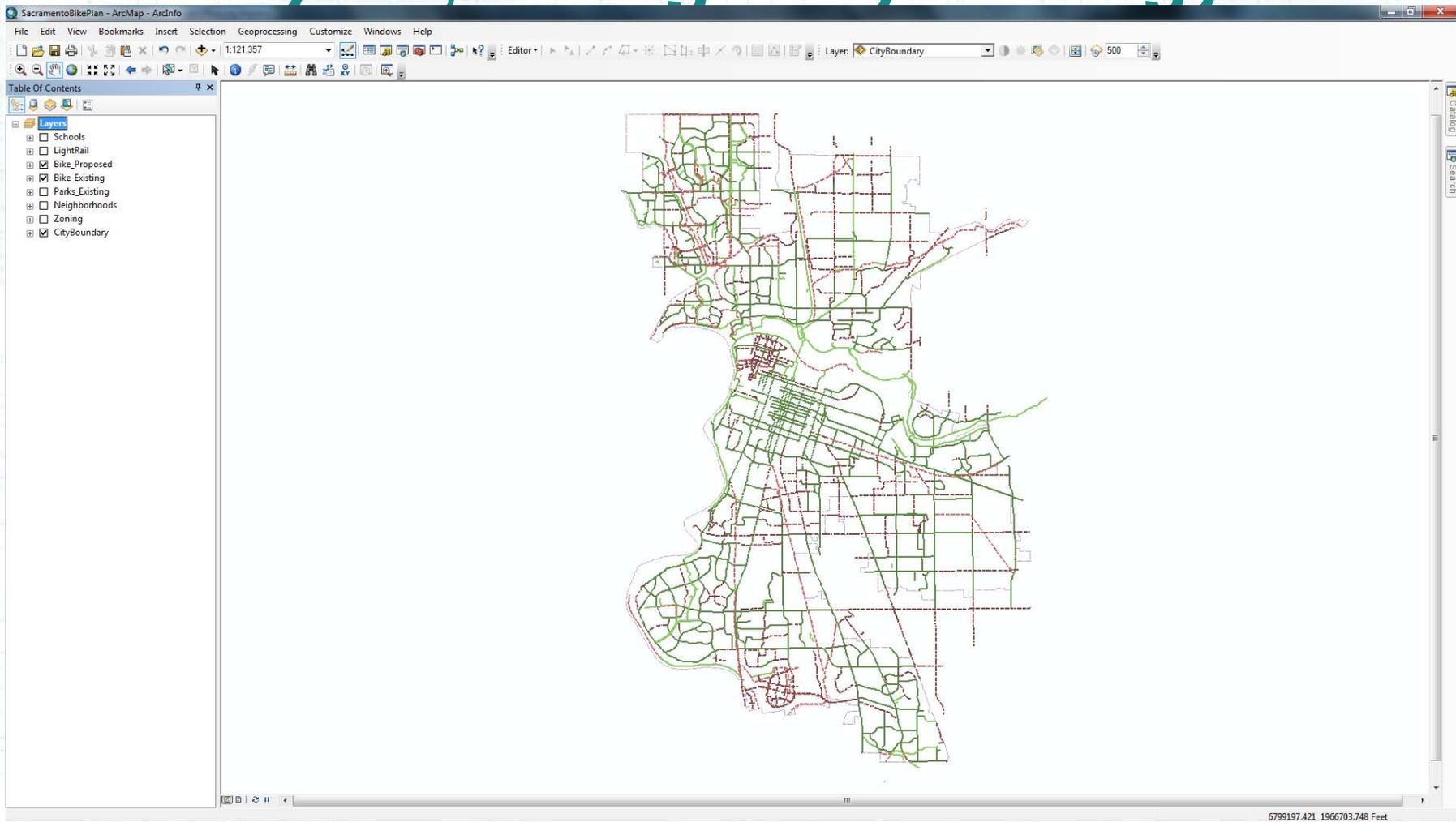
Added 'Schools' layer and changed symbology



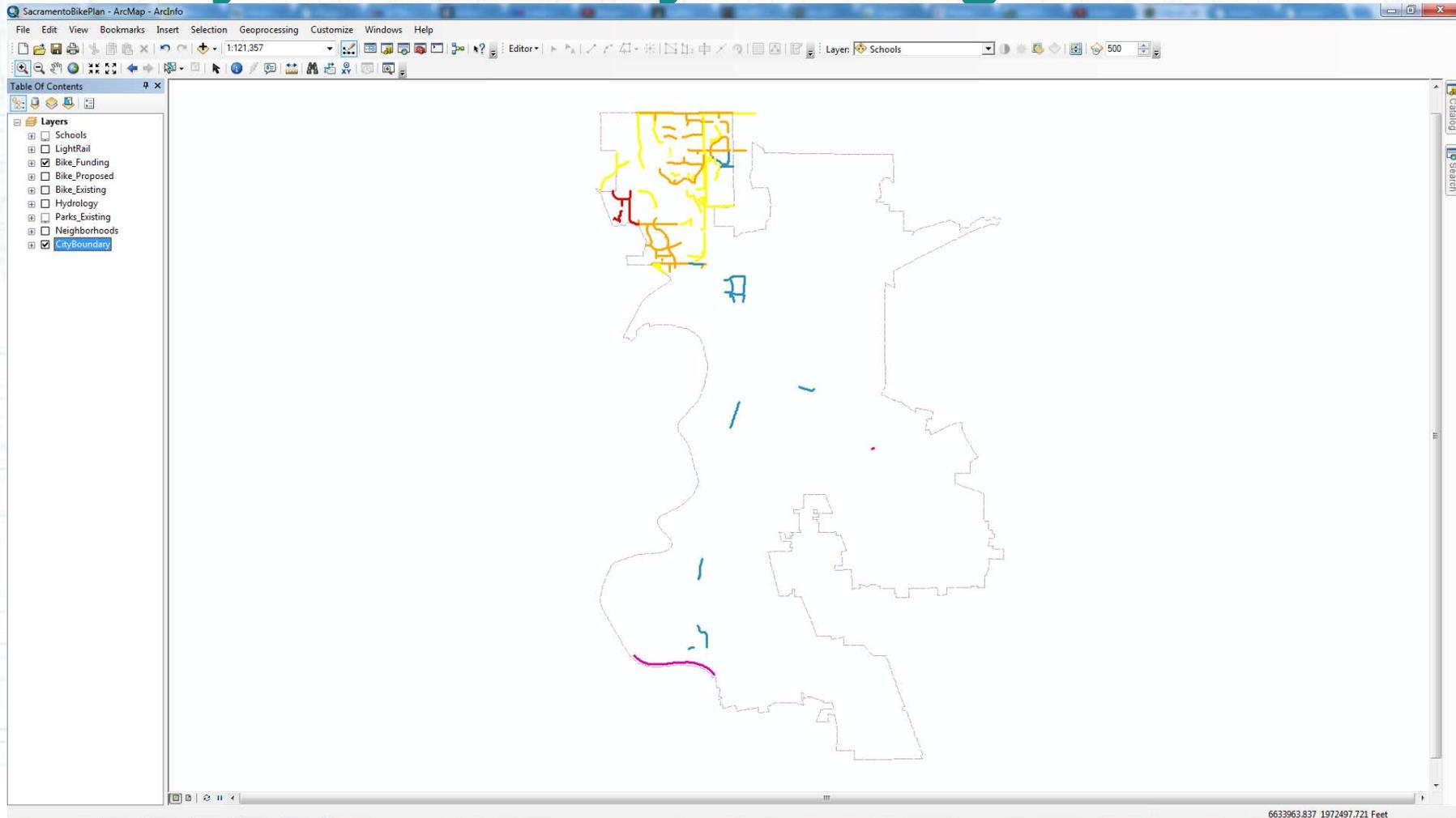
Added 'Bike Master Plan' layer



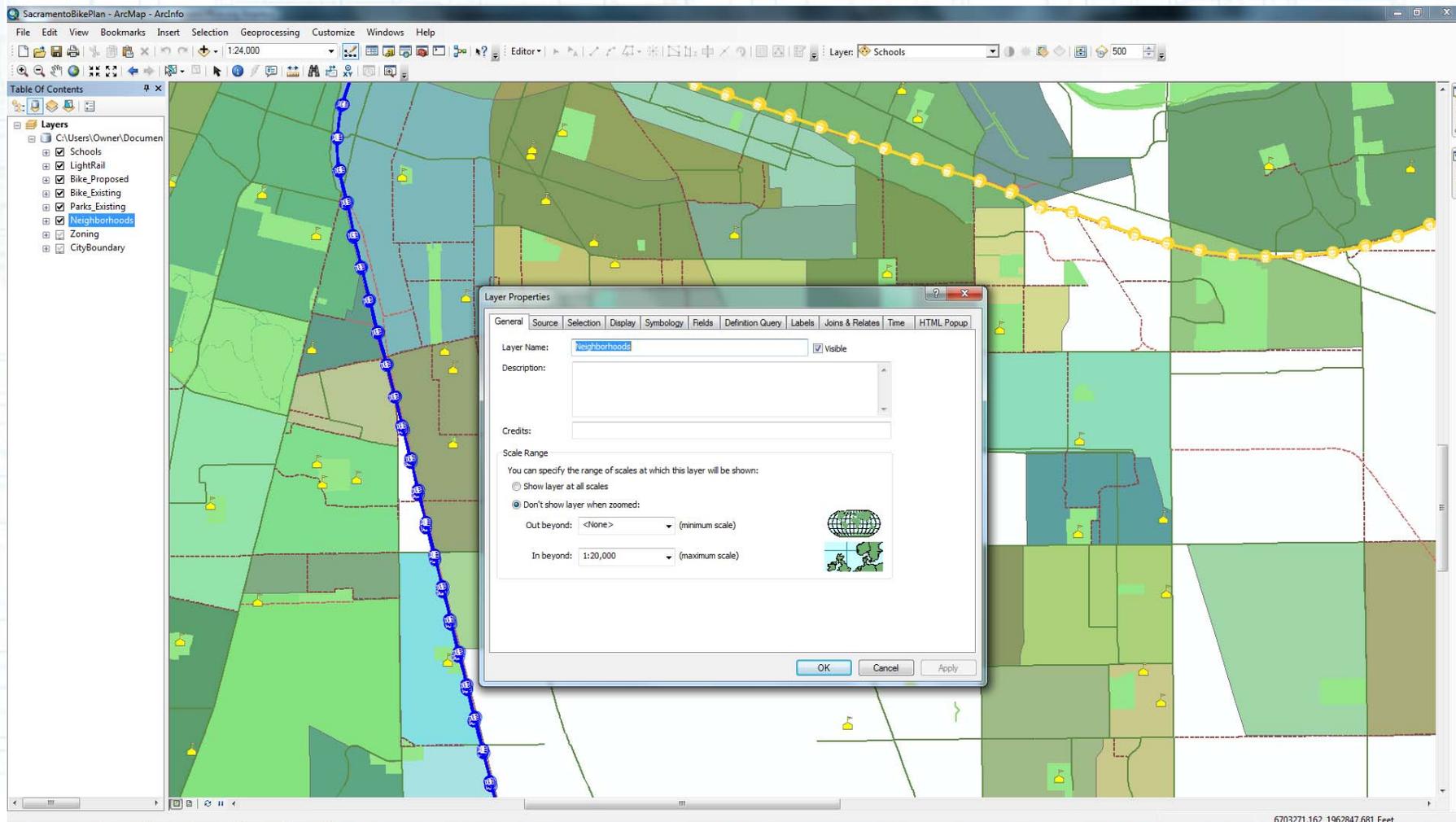
Exported Existing and Proposed On & Off-street bike paths as separate layers; changed symbology



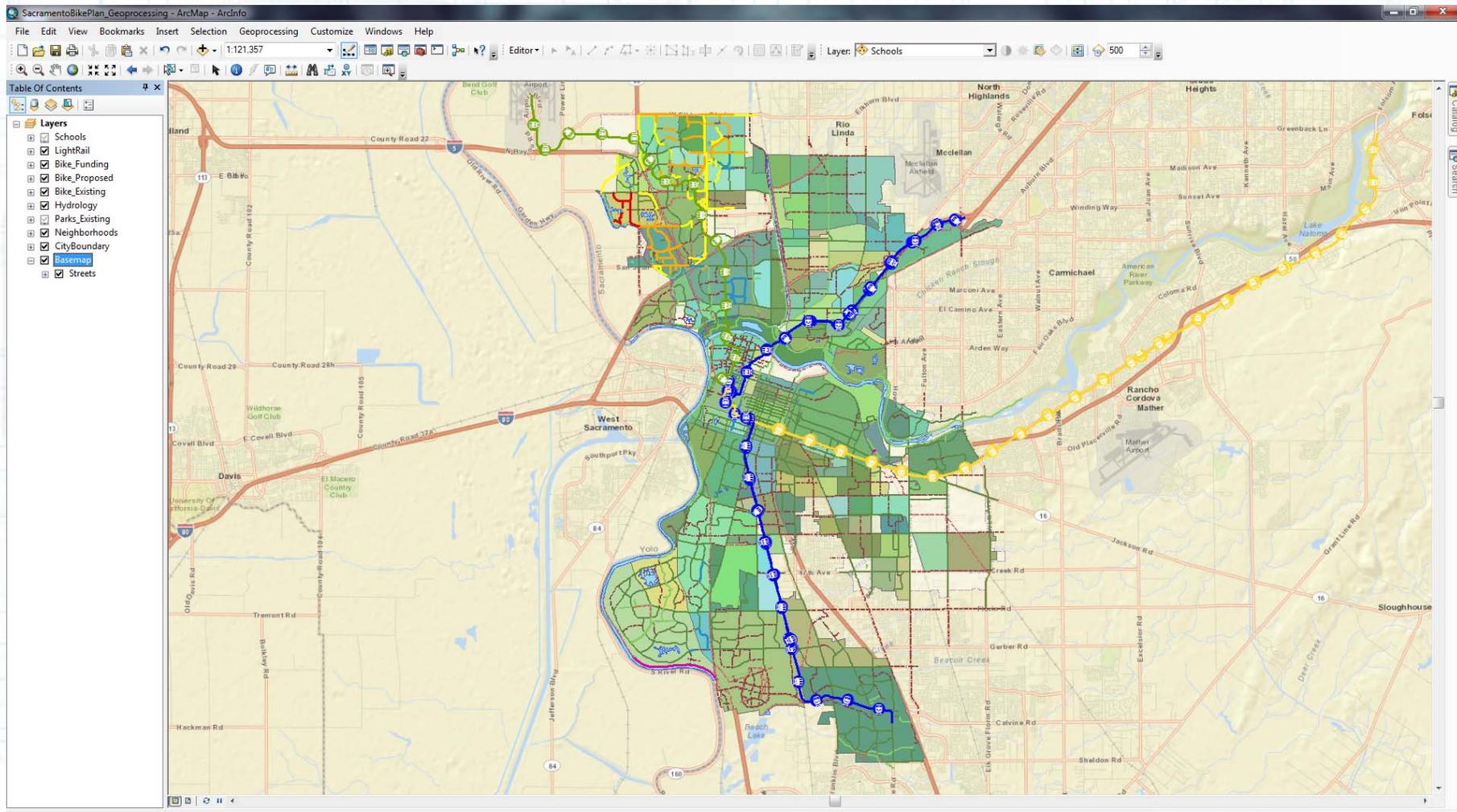
Exported bike plan paths with listed funding sources as separate layer; symbolized by funding source



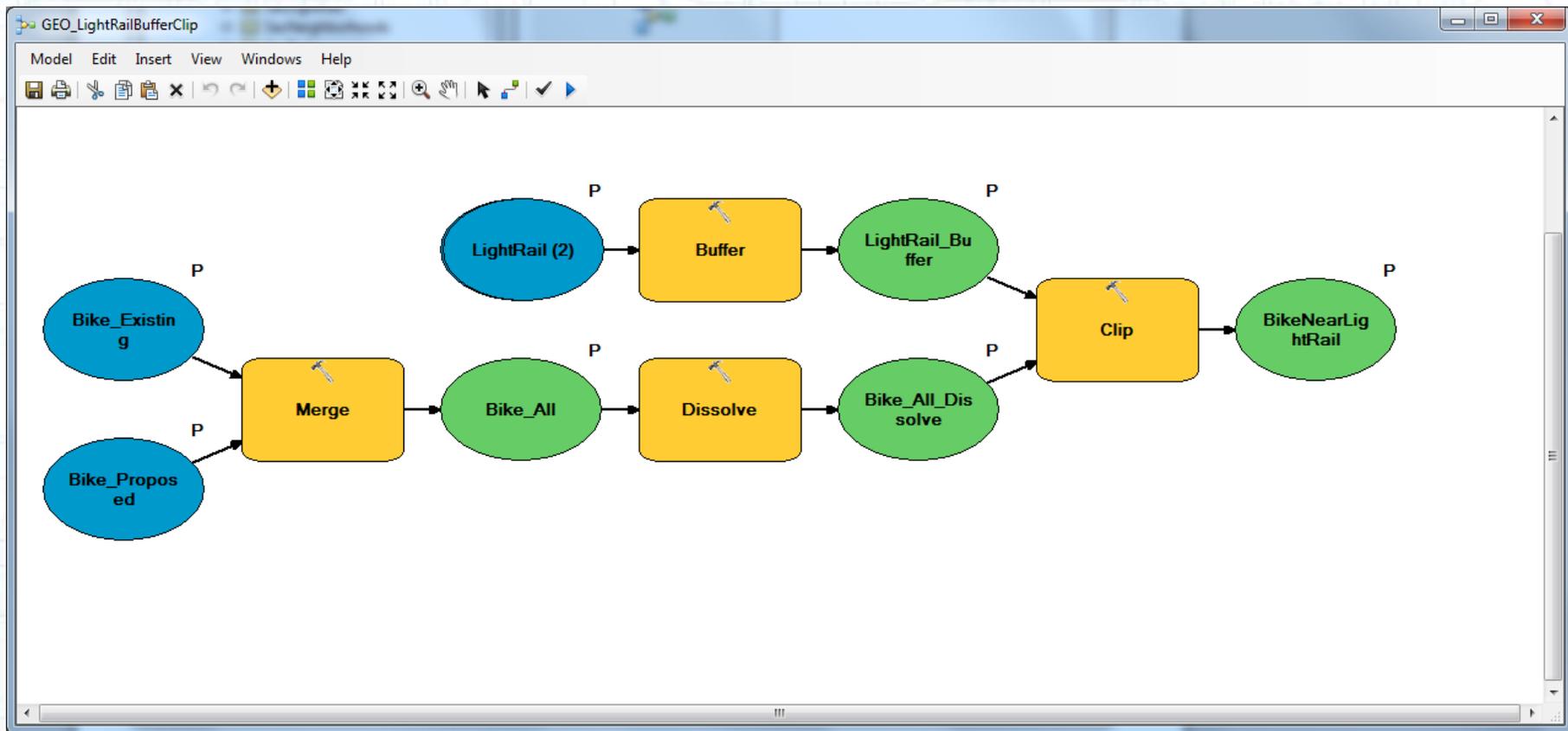
Adjusted the 'scale range' for each layer



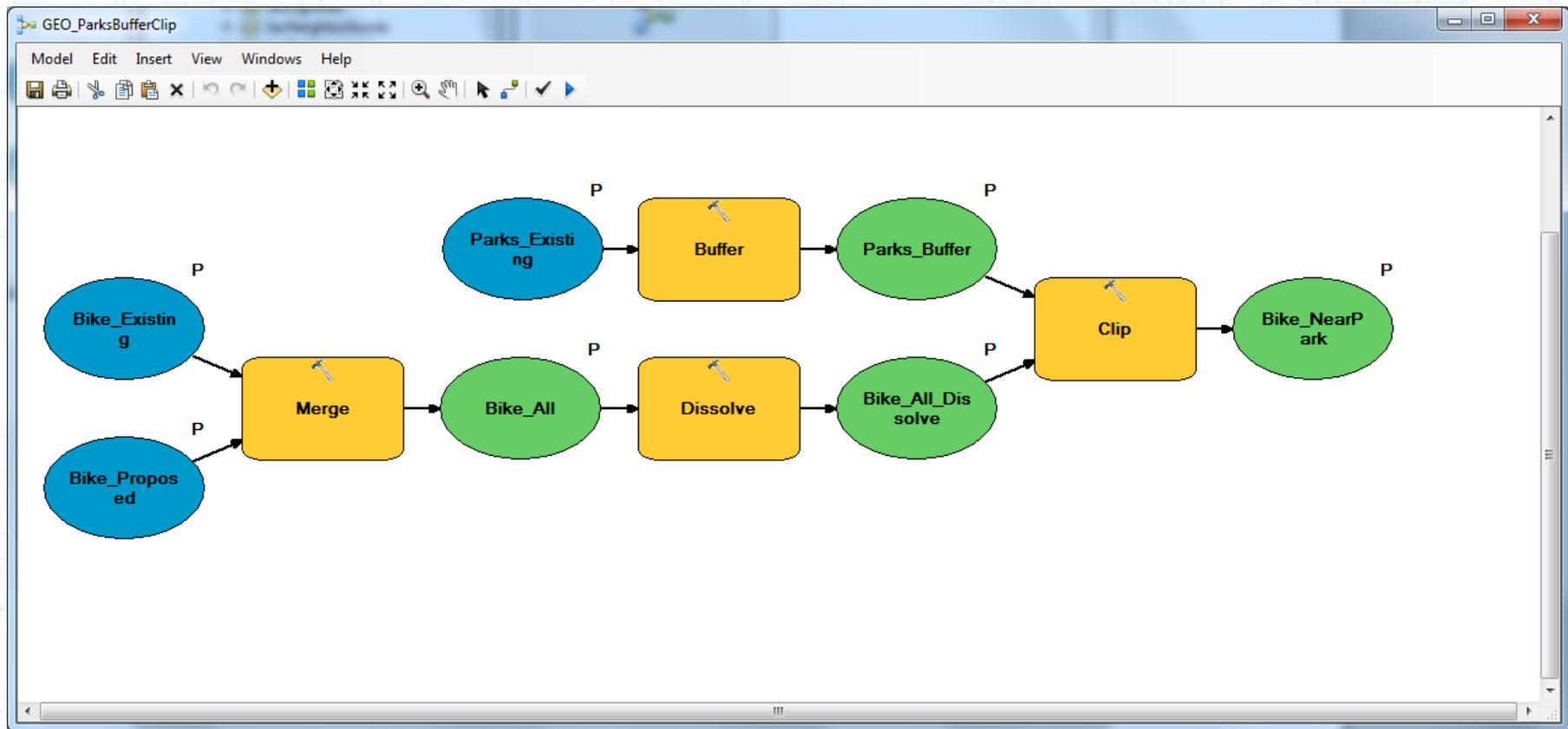
Finished .mxd layers



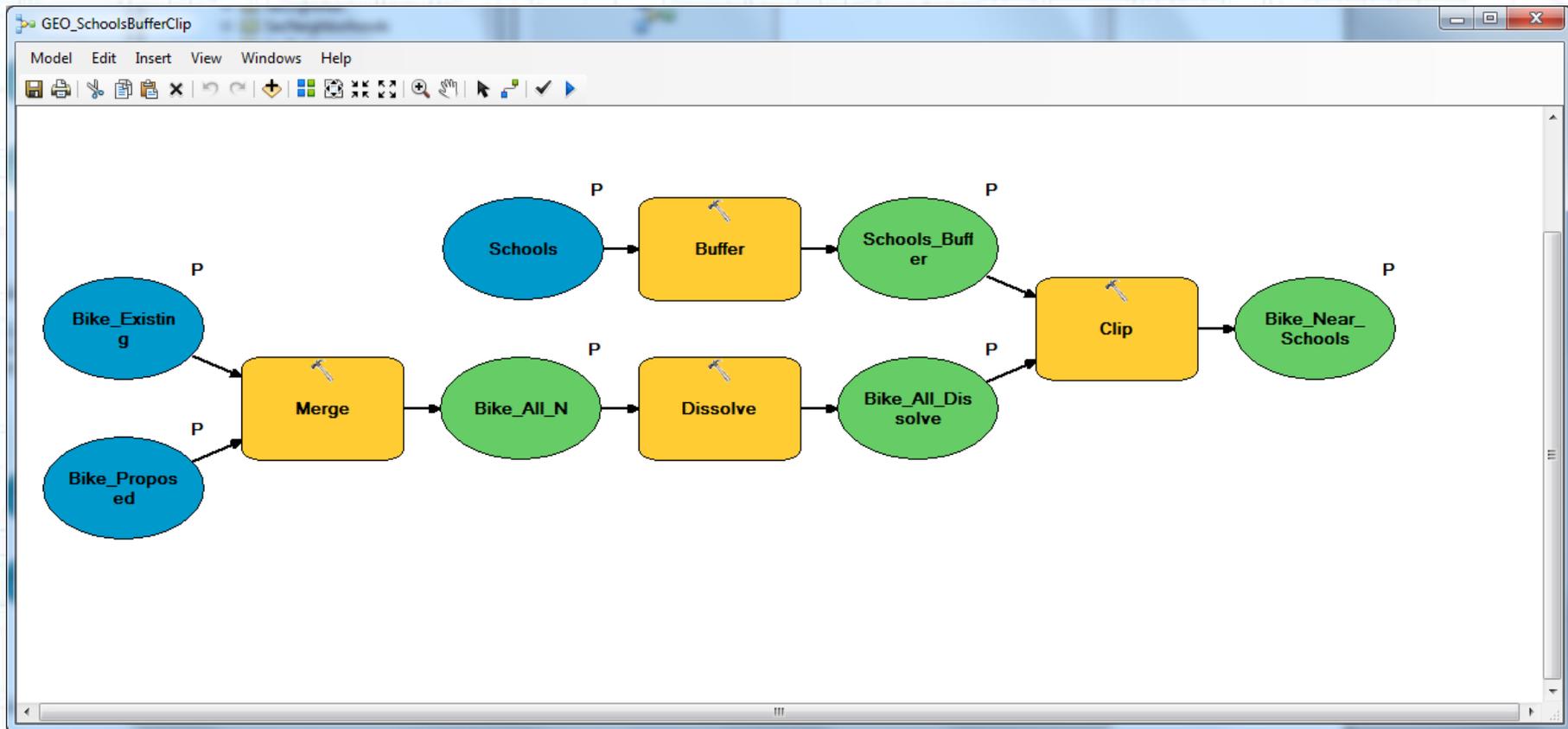
Created Light Rail Buffer/Clip



Created Parks Buffer/Clip



Created Schools Buffer/Clip



Added New Service for the .mxd with all the layer data

The screenshot displays the ArcCatalog application window. The 'Add GIS Service' wizard is open, showing the following configuration:

- Name: Sacramento_Bike_Plan
- Type: Map Service
- Description: Sacramento, CA 2010 Bikeway Master Plan
- Restart this service automatically whenever ArcGIS Server restarts

The background interface shows the 'Contents' pane with a table of existing services:

Name	Type	Status	Startup	Instances Running	Instances in Use
SchoolsBufferClip	Geoprocessing Service	Started	Automatic	1	0
Sacramento_Bike_Plan	Map Service	Started	Automatic	1	0
ParksBufferClip	Geoprocessing Service	Started	Automatic	1	0
LightrailBufferClip	Geoprocessing Service	Started	Automatic	1	0

Added New Service (x3) for each Geoprocessing Function

The screenshot displays the ArcCatalog application window. The 'Catalog Tree' on the left shows a hierarchy of folders, including 'GIS Servers' and '422ws24 (admin)'. The main pane shows a list of services with columns for Name, Type, Status, Startup, Instances Running, and Instances in Use. A 'Add GIS Service' wizard dialog is open in the foreground, showing the configuration for a new service.

Name	Type	Status	Startup	Instances Running	Instances in Use
SchoolsBufferClip	Geoprocessing Service	Started	Automatic	1	0
Sacramento_Bike_Plan	Map Service	Started	Automatic	1	0
ParksBufferClip	Geoprocessing Service	Started	Automatic	1	0
LightrailBufferClip	Geoprocessing Service	Starting	Automatic	1	0
ServerSacMap	Map Service	Started	Automatic	1	0
SacramentoBikePlanKS	Map Service	Started	Automatic	1	0
GEOG385_SacSchools	Map Service	Started	Automatic	1	0
GeocodingService	Geoprocessing Service	Started	Automatic	1	0
ArcGISServer_SacMapX	Map Service	Started	Automatic	1	0
ArcGISServer_SacMap	Map Service	Started	Automatic	1	0
ArcGISServer_IP	Map Service	Started	Automatic	1	0
ArcGISServer_Intro	Map Service	Started	Automatic	1	0

Add GIS Service
This wizard lets you define and configure a new service.

Name: LightrailBufferClip
Type: Geoprocessing Service
Description: Selects baths within .25 mile of lightrail

Restart this service automatically whenever ArcGIS Server restarts

< Back Next > Cancel

Started All Services

The screenshot displays the ArcGIS Manager web interface in a Windows Internet Explorer browser window. The browser address bar shows the URL <http://422ws24:8099/arcgismanager/main/main.jsf#>. The page title is "ArcGIS Manager" and the user is logged in as "arc\spiessk" on Tuesday, December 18, 2012, at 6:12:47 PM. The main content area is titled "Manage Services" and shows a list of services for the instance "422ws24".

Services in: 422ws24

Start | Stop | Pause | Restart | Delete

<input type="checkbox"/>	Name	Type	Status	Instances (In Use/Running)	Edit	Security
<input type="checkbox"/>	Sacramento_Bike_Plan	Map Service	Started	0 / 1		
<input type="checkbox"/>	LighthouseBufferClip	Geoprocessing Service	Started	0 / 1		
<input type="checkbox"/>	ParksBufferClip	Geoprocessing Service	Started	0 / 1		
<input type="checkbox"/>	SchoolsBufferClip	Geoprocessing Service	Started	0 / 1		

GIS Server Status

Name: 422ws24
Status: Online
Started: Dec 13, 2012 - 10:39:54 AM
Messages: [view log](#)

Local intranet | Protected Mode: Off

6:31 PM
12/18/2012

Created Application and added tasks

The screenshot displays the ArcGIS Manager web interface in a Windows Internet Explorer browser. The browser's address bar shows the URL `http://422ws24:8099/arcgismanager/main/main.jsf#`. The page title is "ArcGIS Manager" and the user is logged in as "arc/spiessk" on Tuesday, December 18, 2012, at 6:12:47 PM. The main content area is titled "Editing Application 'SacramentoBikePlan'" and features a navigation menu with tabs for "Web Site", "Layers", "Tasks", "Map Elements", "Web Page", and "Summary". The "Tasks" tab is active, showing a list of tasks on the left: "Print::1", "Search Attributes::1", "Geoprocessing Task::1", "Geoprocessing Task::2", and "Geoprocessing Task::3". The "Geoprocessing Task::1" is selected, and its configuration is shown in the main panel. The configuration includes a description: "Executes the geoprocessing tool with the specified inputs and returns the result." and a "Supporting Services" section. The "General" tab is active, displaying the tool name "GEO_LightRailBufferClip", the service URL "http://422ws24:8099/arcgis/services/LightrailBufferClip/GPServer", and the server URL "http://422ws24:8099/arcgis/services". There is a checkbox for "Show Job Messages" and an "Apply" button. A "GIS Server Status" box in the bottom left corner provides details: Name: 422ws24, Status: Online, Started: Dec 13, 2012 - 10:39:54 AM, and Messages: view log. The Windows taskbar at the bottom shows the system tray with the date and time: 6:32 PM, 12/18/2012.

Deployed Application

The screenshot shows the ArcGIS Manager web application interface in a Windows Internet Explorer browser window. The browser address bar shows the URL <http://422ws24:8099/arcgismanager/main/main.jsf#>. The page title is "ArcGIS Manager" and the user is logged in as "arc/spiessk" on Tuesday, December 18, 2012, at 6:12:47 PM. The interface includes a navigation menu on the left with options for Home, Services, Applications, Web Applications, GIS Server, and Security. The main content area displays a message: "Web application(s) 'SacramentoBikePlan' successfully deployed." Below this message is a "Create Web Application" button and a table of deployed applications. The table has columns for Name, Author, Updated, Last Deployed, View, Edit, and Permissions. Three applications are listed: Sacramento Area Web Map, SacRoadsMap, and SacramentoBikePlan. The SacramentoBikePlan application is highlighted, indicating it is the current view. The bottom of the browser window shows the Windows taskbar with the system tray displaying "Local intranet | Protected Mode: Off" and the time "6:34 PM 12/18/2012".

ArcGIS Manager
Web application(s) "SacramentoBikePlan" successfully deployed.

[Create Web Application](#)

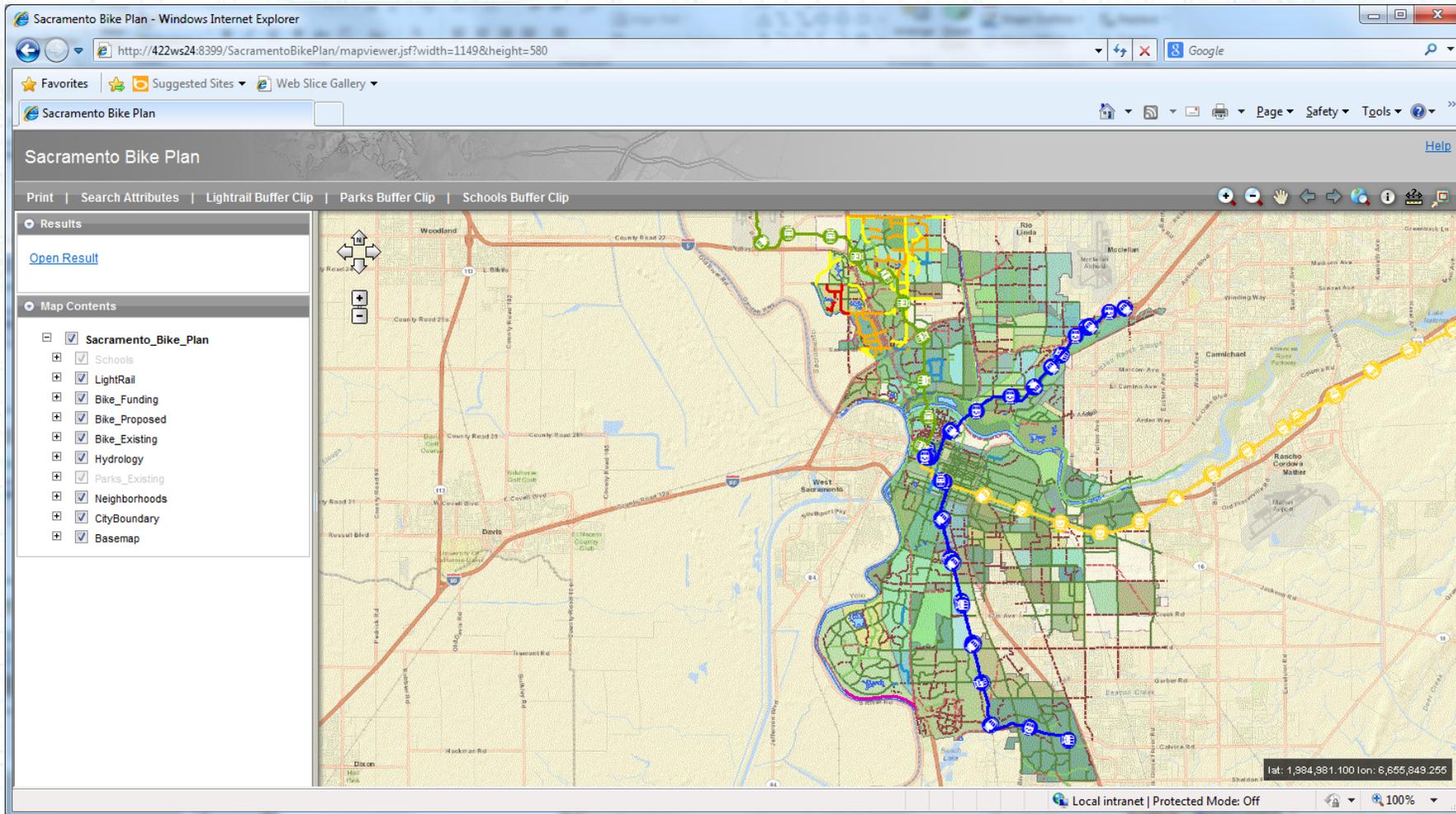
[Deploy](#) | [Delete](#) [Export](#)

<input type="checkbox"/>	Name	Author	Updated	Last Deployed	View	Edit	Permissions
<input type="checkbox"/>	Sacramento Area Web Map	arc/spiessk	Tue Sep 04 20:30:00 PDT 2012	Tue Sep 04 20:31:00 PDT 2012			
<input type="checkbox"/>	SacRoadsMap	arc/spiessk	Tue Sep 11 20:56:00 PDT 2012	Tue Sep 11 20:56:00 PDT 2012			
<input type="checkbox"/>	SacramentoBikePlan	arc/spiessk	Tue Dec 18 18:21:00 PST 2012	Tue Dec 18 18:34:37 PST 2012			

GIS Server Status
Name: 422ws24
Status: Online
Started: Dec 13, 2012 - 10:39:54 AM
Messages: [view log](#)

Local intranet | Protected Mode: Off 6:34 PM 12/18/2012

Completed Web Application



Zoom View

Sacramento Bike Plan - Windows Internet Explorer

http://422ws24:8399/SacramentoBikePlan/mapviewer.jsf?width=1149&height=580

File Edit View Favorites Tools Help

Sacramento Bike Plan

Sacramento Bike Plan

Print Search Attributes Lightrail Buffer Clip Parks Buffer Clip Schools Buffer Clip

Results

Open Result

Map Contents

- Sacramento_Bike_Plan
- Schools
- LightRail
- Bike_Funding
- Bike_Proposed
- Bike_Existing
- Hydrology
- Parks_Existing
- Neighborhoods
- CityBoundary
- Basemap

Done

Local intranet | Protected Mode: Off

100%

Light Rail Buffer-Clip Geoprocessing Tool

The screenshot shows a web browser window titled "Sacramento Bike Plan - Windows Internet Explorer". The address bar contains the URL: <http://422ws24:8399/SacramentoBikePlan/mapviewer.jsf?width=1149&height=580#>. The browser's address bar shows "Google".

The main content area is titled "Sacramento Bike Plan" and includes a navigation menu with options: "Print", "Search Attributes", "Lightrail Buffer Clip", "Parks Buffer Clip", and "Schools Buffer Clip". A "Help" link is also present.

The map displays a city area with a light rail line (blue line) and various buffer zones (yellow and orange lines). The map includes labels for neighborhoods such as "Old Sacramento", "Downtown", "Midtown / Winn Park / Capital Avenue", "Richmond Grove", "Newtown / Booth", "Arambra Triangle", "Elmhurst", "Med Center", "North Oak Park", "Fairgrounds", "Tahoe Park", and "Tahoe Park East".

The left sidebar shows "Results" and "Map Contents". The "Results" section includes "Open Result" and "GEO_LightRailBufferClip: Succeeded". The "Map Contents" section lists various layers with checkboxes:

- Sacramento_Bike_Plan
- Schools
- LightRail
- Bike_Funding
- Bike_Proposed
- Bike_Existing
- Hydrology
- Parks_Existing
- Neighborhoods
- CityBoundary
- Basemap

The status bar at the bottom indicates "Local intranet | Protected Mode: Off" and "100%".

Parks Buffer-Clip Geoprocessing Tool

Sacramento Bike Plan - Windows Internet Explorer

http://422ws24:8399/SacramentoBikePlan/mapviewer.jsf?width=1149&height=580#

Sacramento Bike Plan

Print | Search Attributes | Lightrail Buffer Clip | Parks Buffer Clip | Schools Buffer Clip

Results

[Open Result](#)

- GEO_ParksBufferClip: Succeeded
- Bike_NearPark
- Parks_Buffer
- Bike_All_Dissolve
- Bike_All
- Inputs

Map Contents

- Sacramento_Bike_Plan
 - Schools
 - LightRail
 - Bike_Funding
 - Bike_Proposed
 - Bike_Existing
 - Hydrology
 - Parks_Existing
 - Neighborhoods
 - CityBoundary
 - Basemap

Local intranet | Protected Mode: Off

100%

Schools Buffer-Clip Geoprocessing Tool

Sacramento Bike Plan - Windows Internet Explorer

http://422ws24:8399/SacramentoBikePlan/mapviewer.jsf?width=1149&height=580#

Sacramento Bike Plan

Print | Search Attributes | Lightrail Buffer Clip | Parks Buffer Clip | Schools Buffer Clip

Results

Open Result

- GEO_SchoolsBufferClip: Succeeded
- Bike_Near_Schools
- Schools_Buffer
- Bike_All_Dissolve
- Bike_All_N
- Inputs
 - Bike_Existing:Bike_Existing
 - Bike_Proposed:Bike_Proposed
 - Schools:Schools

Map Contents

- Sacramento_Bike_Plan
- Schools
- LightRail
- Bike_Funding
- Bike_Proposed
- Bike_Existing
- Hydrology
- Parks_Existing
- Neighborhoods
- CityBoundary
- Basemap

Done

Local intranet | Protected Mode: Off

100%