



CITY OF TAMPA

3.8.1.2. – Layer Naming Conventions Technology & Innovation Department

TITLE

3.8.1.2. – LAYER NAMING CONVENTIONS

HISTORY

Status	Date	Author	Approving Manager
Version 1.0	01/07/2010	K. Wright and G. De Stoppelaire	R. Austin

DESCRIPTION

As layers are migrated to the Oracle Publication database, the following naming convention denoting the theme and geography type (<Name><Geography type abbreviation>) will be implemented. The GIS naming convention shall be of the form: XxxxxXxxxXxx, where the first letter of each word is capitalized. The geography type is "Pt" for point, "Ln" for line, and "Ply" for polygon. The following details this convention for the example of Public Schools:

- Point Layer: PublicSchoolsPt
- Polygon Layer: PublicSchoolsPly
- Line Layer: PublicSchoolsLn

For a raster layer that contains data for a particular year, the format shall be YYYYMMDD. The CoT GIS raster, aerial or orthophotograph naming convention for mosaic data sets shall be: Aerial_BW/Color/IR]_[Resolution]_[YYYYMMDD]. The following details this convention for black and white aerial photography at 1 meter resolution taken in February 2002:

- Aerial_BW_1M_200202

Data or layer names must not exceed 30 characters in length.

[Download the CoT GIS Layer Inventory](#) (PDF 41kb)

Below is a list of the CoT GIS layers inventory and update frequency:

GIS Layers

File Name	Maintenance and Update Frequency	Description
Airport	As Needed	Major airports within Hillsborough County.
Annex_History	As Needed	Historical boundaries of City Annexations.
Approach_Zones	None Planned	Airport Approach Zone boundaries.
Aviation_Height_Limits	None Planned	Aviation Height Zone boundaries.
BG_2000_LOWMOD_DATA	None Planned	Census 2000 Block Groups for City - Low & Moderate Income levels.
Blggroups_1990	None Planned	1990 Census Block Groups for Hillsborough County.
Blggroups_2000	None Planned	2000 Census Block Groups for Hillsborough County.
Blocks_1990	None Planned	1990 Census Blocks for Hillsborough County.



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Blocks_2000	None Planned	2000 Census Block for Hillsborough County.
Blsareas	As Needed	Regions per Business License Inspectors.
Boat_ramps	As Needed	Boat Ramps within the City.
Bridges	Annually	Point location data for bridges located in City.
Cbd	As Needed	City Central Business District boundary.
Channel	As Needed	Channel District boundary.
CIP	Annually	All Capital Improvement Projects.
Cities	As Needed	Municipal boundaries for all incorporated areas of Hillsborough County.
Cities2	As Needed	Municipal boundaries so that it follows the Tampa_shoreline.
Combsvc	As Needed	Combined areas serviced by the City Water and Sanitary Sewers Departments.
Community_Redevelopment_Areas	Annually	Community Redevelopment Area boundaries.
Contours_1FT	None Planned	Coverage of the City indicating elevation above sea level in 1 foot increments.
Contours_2ft	None Planned	Coverage of the City indicating elevation above sea level in 2 foot increments.
Council	As Needed	City Council District boundaries.
Critical_Facilities	Annually	Facilities in the City designated as critical in the event of a hurricane.
CSC_Inspectors	As Needed	Construction Services Inspectors Areas.
DAZ	None Planned	Tamp Fire and Rescue – Disaster Recovery Zones
DSSD	As Needed	City Downtown Special Services District.
ELU	Quarterly	Existing Land Use categories for Hillsborough County.
ELU_Tampa	Quarterly	Existing Land Use categories for the City.
Emergency_Disaster_Branches	Annually	Emergency branch locations in the City per NIMS compliance.
Emergency_Response_Districts	Annually	Emergency response areas in the City.
Emergency_Response_Divisions	Annually	Emergency division locations per NIMS compliancy in the City.
Evacuation_Routes	Annually	Emergency evacuation routes defined by Hillsborough County.
EVACZONE	Annually	Storm surge evacuation zones.
Ezone	Annually	City Enterprise Zones.
Federally_Funded_Roads	Annually	Federally funded roads as defined by FDOT located within Hillsborough County.
Fiber_Optic_lines	Quarterly	City fiber optic transmission lines for the traffic surveillance camera system.
Fire_Extra	Weekly	Data for the Automated Vehicle Locator (AVL) system.
Fire_Extra_Intersections	Weekly	Data for the Automated Vehicle Locator (AVL) system.
Fire_Interstate	Weekly	Data for the Automated Vehicle Locator (AVL) system.
Fire_Limits	Weekly	Data for the Automated Vehicle Locator (AVL) system.
Fire_Mutual_Aid	Weekly	Data for the Automated Vehicle Locator (AVL) system.
Fire_New_Interstate_Exits	Weekly	Data for the Automated Vehicle Locator (AVL) system.
Fire_Nodes	Weekly	Data for the Automated Vehicle Locator (AVL) system.
Fire_Railroad	Weekly	Data for the Automated Vehicle Locator (AVL) system.



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Fire_River	Weekly	Data for the Automated Vehicle Locator (AVL) system.
Fire_Roads	Weekly	Data for the Automated Vehicle Locator (AVL) system.
Firegrids	As Needed	Tampa Fire Dept. Response Grids.
FIRESTAT	Annually	City Fire station locations.
Firestat_hco	Annually	Hillsborough County Fire station locations.
Flashing_Signals	Quarterly	Safety flasher signals located in the City.
Flood_Zones	As Needed	FEMA 1998 Q3 Flood map.
FLU	Quarterly	Future Land Use categories for Hillsborough County.
FLU_Tampa	Quarterly	Future Land Use categories for the City.
Freeway_symbols	None Planned	Symbols used to label the Freeways layer.
Freeways	Quarterly	Freeways/Interstates
Fueling	Annually	Fueling areas owned by the City of Tampa
HazMat_Sites	Annually	Hazardous material sites located within the City.
Hcotwpli	None Planned	Township and Range lines for Hillsborough County.
HCSOGrids	Annually	Grids defined by Hillsborough County Sheriffs Office.
Heights	As Needed	Heights District boundary.
Hillsborough Roads Address Locator	None Planned	The Hillsborough Roads Address Locator.
HistoricDistricts_Local	As Needed	Local Historic Districts within the city.
HistoricDistricts_National	As Needed	National Historic Districts within the city.
Hope_vi	As Needed	HOPE VI District boundary.
HOSPITAL	Annually	Hospitals in Hillsborough County.
hydrants	Quarterly	Fire hydrants in the Tampa Water Department's Service Area.
Intersection	Monthly	Text file to load intersection data into the Versaterm system.
ITS_Devices	Quarterly	Intelligent transportation system device locations for the City.
Library	Annually	Hillsborough County libraries.
Macdill	Annually	Dataset reflects MacDill AFB boundary.
Major_roads	Quarterly	Major roads within the City of Tampa, Unincorporated Hillsborough County, Plant City and Temple Terrace.
Manatee_Roads	Monthly	Manatee County's road network centerline.
Mobile Homes	Annually	Mobile home parks within the City of Tampa.
MSS_Address	Weekly	Utility accounts for the City.
National_Grid10000M	None Planned	10,000 by 10,000 meter United States National Grid (USNG) for those portions of Florida falling within the NAD83 UTM 17 N zone.
National_Grid1000M	None Planned	1,000 by 1,000 meter United States National Grid (USNG) for those portions of Florida falling within the NAD83 UTM 17 N zone.
National_Grid100M	None Planned	100 by 100 meter United States National Grid (USNG) for those portions of Florida falling within Hillsborough County.
Neighborhoods	Weekly	City Neighborhood Association boundaries.
Neighborhoods_NonResidentialAreas	As Needed	Boundaries for areas in the City which are ineligible to become City of Tampa Neighborhood Associations.
NODE_AIR_VAC_RELEASE	Weekly	Wastewater infrastructure locations.
NODE_CLEANING_PORT	Weekly	Wastewater infrastructure locations.
NODE_CLOSED_VALVE	Weekly	Wastewater infrastructure locations.
NODE_ENDCAP	Weekly	Wastewater infrastructure locations.
NODE_JUNCTION	Weekly	Wastewater infrastructure locations.
NODE_MANHOLE_PUB	Weekly	Wastewater infrastructure locations.
NODE_MANHOLE_PVT	Weekly	Wastewater infrastructure locations.



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NODE_OPEN_VALVE	Weekly	Wastewater infrastructure locations.
NODE_PUMPSTATION_PUB	Weekly	Wastewater infrastructure locations.
NODE_PUMPSTATION_PVT	Weekly	Wastewater infrastructure locations.
NODE_REDUCER	Weekly	Wastewater infrastructure locations.
NODE_WET_WELL	Weekly	Wastewater infrastructure locations.
Nodes	Weekly	Unique street intersection points and node numbers.
Overlay Districts	As Needed	BHD Overlay districts within the city.
ParCOT	Monthly	Parcels within the City of Tampa.
ParHCO	Monthly	Parcels for Unincorporated Hillsborough County, Plant City and Temple Terrace.
Parks	Quarterly	City Parks.
Parks_Facilities	Quarterly	Facilities located within City Parks.
Pasco_Roads	Monthly	Roads in Pasco County
PAVMT	None Planned	Edge of pavement for the City (circa 1990).
Pinellas_Roads	Monthly	Roads in Pinellas County.
PODS	Annually	Points of distribution in the aftermath of a hurricane.
Points_of_interest	As Needed	Local points of interest.
Polk_Roads	Monthly	Polyline coverage of roads in Polk County.
PRISONS	As Needed	Prisons in Hillsborough County.
Public_Schools	Annually	Hillsborough County public schools.
Pull_Boxes	Quarterly	Access points for fiber/copper runs.
Push Routes	Annually	Routes to critical infrastructure that are cleared of debris after a hurricane.
Quadaxis	None Planned	Quadrant Axis boundaries for addressing within the City.
Quadaxpc	None Planned	Quadrant Axis for Plant City.
Railroads	As Needed	Countywide railroads.
Ranges	Monthly	Text file to load address range data into the Versaterm system.
Redline Properties	As Needed	Stormwater Redline properties.
Response Centers	Annually	Emergency response center locations.
Roads	Weekly	Roads within the City of Tampa, Unincorporated Hillsborough County, Plant City and Temple Terrace.
RoadsCOT	Weekly	Roads inside the City boundary.
RoadsHCO	Weekly	Roads outside of the City boundary but within Hillsborough County.
RoadsSVC	Weekly	Roads inside the combined service area of the City's water and wastewater service areas.
Seawall_Combined	Annually	Dataset represents polyline data outlining seawall locations in the City of Tampa.
Section_Quarter	None Planned	Quarter-section boundaries for all land areas in Hillsborough County.
Sections	None Planned	Section boundaries for all land areas in Hillsborough County.
Sewersvc	As Needed	Area serviced by the City Sanitary Sewers Department.
Shelters	Annually	Evacuation shelters.
Signalcot	Annually	Traffic signals within the City.
Soho	As Needed	Bayshore SOHO (South Howard) District boundary.
Solid_Waste_PickUpRoutes	Quarterly	Boundaries for refuse pickup for all residential homes within the City of Tampa Solid Waste Service Area.
Solid_Waste_Code_Enforcement_Zones	Quarterly	Boundaries for officers responsible for monitoring Solid Waste code violations.
Solid_Waste_Sweep_Boundaries	Quarterly	Solid Waste Department's sweep boundaries with dates of service.



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SolidWaste_ServiceArea	Quarterly	Boundary for the City Department of Solid Waste and Environmental Program Management service area.
Specia AssesmentDistrict_Downtown	Annually	Downtown taxing district boundary.
SpecialAssesmentDistrict_Streetcar	Annually	Streetcar taxing district boundary.
SpecialAssesmentDistrict_Westshore	Annually	Westshore taxing district boundary.
Splice_Enclosures	Quarterly	Fiber optic splice locations for the City.
Star_Area	As Needed	South Tampa Area Reclaimed Project.
Stormwater_Facilities	Annually	Stormwater facilities located in the City.
StormwaterMaintenanceNewTampa_Ply	Annually	New Tampa maintenance responsibility for the Stormwater Department.
StormwaterMaintenanceZones_Ply	Annually	Stormwater maintenance work zones.
StormwaterRainGauges_Pt.	Annually	Rain gauge locations throughout the City.
StormwaterWorkAreas_Ply	Annually	Stormwater maintenance operation areas.
Street_Sweeping_Routes	Quarterly	Street sweeping route boundaries.
SubPhases	Monthly	Parcels that are within a valid sub-division based on the legal description.
Symbolcot	Monthly	Easement lines, historical lot lines and hooks for the City of Tampa.
Symbolhco	Monthly	Easement lines, historical lot lines and hooks for Unincorporated County, Plant City and Temple Terrace.
Tampa	As Needed	Boundary for the City drawn as accurately as possible, but not to survey precision.
Tampa_shoreline	As Needed	A modified version of the TAMPA map.
TAMPA_SP_DAM	Weekly	Stormwater infrastructure locations.
TAMPA_SP_RIVERPOLY	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SEWBASIN	Weekly	Wastewater infrastructure locations.
TAMPA_SP_SEWPIPE	Weekly	Wastewater infrastructure locations.
TAMPA_SP_SEWLABEL	Weekly	Wastewater infrastructure locations.
TAMPA_SP_SEWMAPPAGE	Weekly	Wastewater infrastructure locations.
TAMPA_SP_SEWNODE	Weekly	Wastewater infrastructure locations.
TAMPA_SP_SEWNOTE	Weekly	Wastewater infrastructure locations.
TAMPA_SP_SEWRPIPE	Weekly	Wastewater infrastructure locations.
TAMPA_SP_SEWSYS	Weekly	Wastewater infrastructure locations.
TAMPA_SP_SWCATCH	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWCHANNEL	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWCULVERT	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWNODE_CONTROL_STRUCT	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWNODE_GATE_VALVE	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWNODE_HEADWALL	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWNODE_INLET	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWNODE_JUNCTION	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWNODE_MANHOLE	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWNODE_MITERED_END	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWNODE_PUMP_STATION	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWNODE_SED_CONTROL_STRUCT	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWNOTE	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWPIPE	Weekly	Stormwater infrastructure locations.
TAMPA_SP_SWSYM	Weekly	Stormwater infrastructure locations.
TAMPA_SP_WATDIM	Weekly	Water infrastructure locations.
TAMPA_SP_WATMAPPAGE	Weekly	Water infrastructure locations.
TAMPA_SP_WATNODE	Weekly	Water infrastructure locations.
TAMPA_SP_WATNOTE	Weekly	Water infrastructure locations.
TAMPA_SP_WATPIPE	Weekly	Water infrastructure locations.
TAMPA_SP_WATSERV	Weekly	Water infrastructure locations.
TAMPA_SP_WATSTRUCT	Weekly	Water infrastructure locations.



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TAMPA_SP_WATSYM	Weekly	Water infrastructure locations.
TAMPA_SP_WATVALVEGPS	Weekly	Water infrastructure locations.
Taz1995	None Planned	1995 Traffic Analysis Zones for Hillsborough County.
Taz2000	None Planned	2000 Traffic Analysis Zones for Hillsborough County.
Taz2003	None Planned	2003 Traffic Analysis Zones for Hillsborough County.
TECO_Substations	Annually	TECO substations within the City.
Temporary Debris Sites	Annually	Temporary storage of debris in the aftermath of a hurricane.
TOWN_PTS	None Planned	Points representing general location of towns in Hillsborough County.
TPD_Extra	Weekly	Data for the Versaterm Computer Aided Dispatch (CAD) system.
TPD_Extra_Intersections	Weekly	Data for the Versaterm Computer Aided Dispatch (CAD) system.
Tpd_Grid	As Needed	City of Tampa Police Grids.
TPD_Interstates	Weekly	Data for the Versaterm Computer Aided Dispatch (CAD) system.
TPD_New_Interstate_Exits	Weekly	Data for the Versaterm Computer Aided Dispatch (CAD) system.
TPD_Nodes	Weekly	Data for the Versaterm Computer Aided Dispatch (CAD) system.
TPD_Railroad	Weekly	Data for the Versaterm Computer Aided Dispatch (CAD) system.
TPD_River	Weekly	Data for the Versaterm Computer Aided Dispatch (CAD) system.
TPD_Roads	Weekly	Data for the Versaterm Computer Aided Dispatch (CAD) system.
TPD_Stations	Annually	Data for the Versaterm Computer Aided Dispatch (CAD) system.
Tracts_2000	None Planned	2000 Census Tracts for Hillsborough County.
Tracts1990	None Planned	1990 Census Tracts for Hillsborough County.
Versaterm_ESN_Cities	Monthly	Data for the Versaterm Computer Aided Dispatch (CAD) system.
Versaterm_TPD_grid	Monthly	Data for the Versaterm Computer Aided Dispatch (CAD) system.
W_tampa	As Needed	West Tampa District boundary.
Wastewater_Facilities	Annually	Wastewater pumping stations.
Wastewater_Zones	Annually	City Wastewater Department zone boundaries.
Water	None Planned	Bodies of water in Hillsborough County.
Water_Facilities	Annually	Water facilities located in City of Tampa.
Water_Shorline	None Planned	Water's edge (coastline).
Watersvc	As Needed	Area serviced by the City Water Department.
Wind_Speed_120	None Planned	Boundary identifying region within the 120 mph wind speed zone.
Yborcity	As Needed	Ybor City limits.
ZipCodes	Quarterly	Zip code boundaries for all of Hillsborough County (including Tampa).
Zoning	As Needed	Zoning boundaries for Tampa boundary.

REFERENCE

The standard described above has been developed internally by the City of Tampa. The standard is part of the T&I Service Catalog.

[City of Tampa – T&I Service Catalog](#)