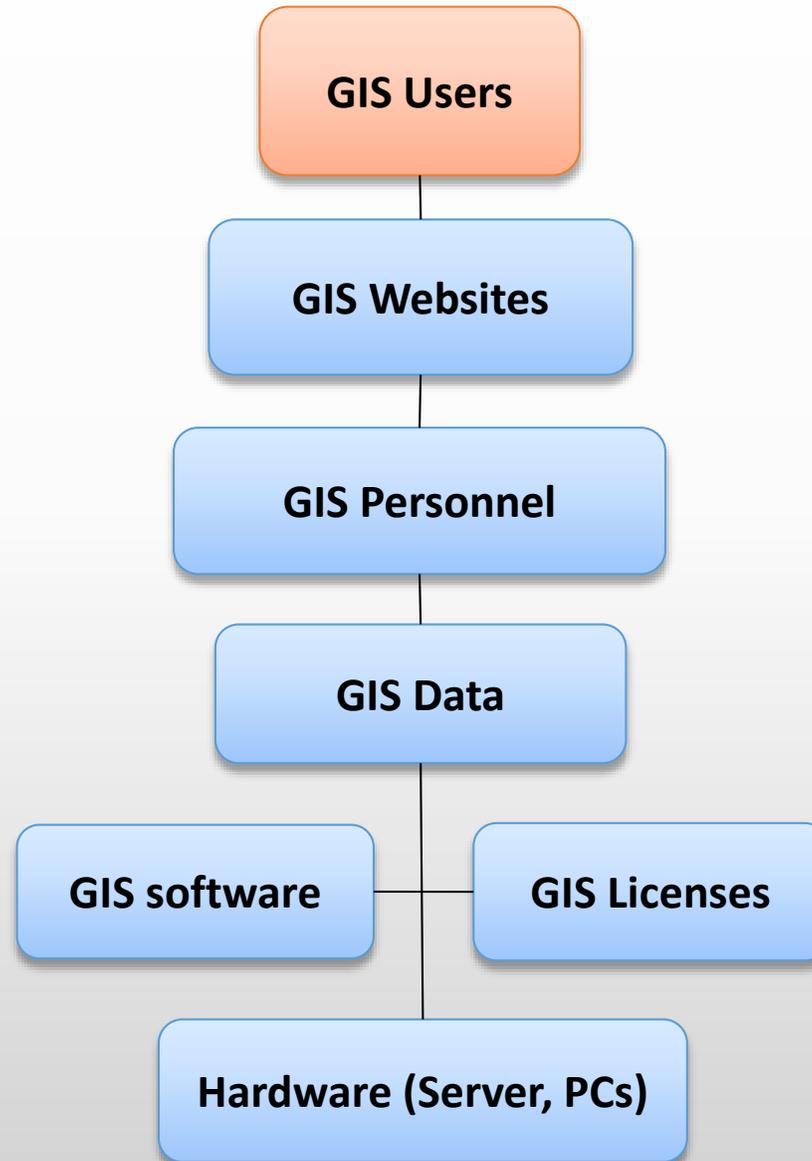


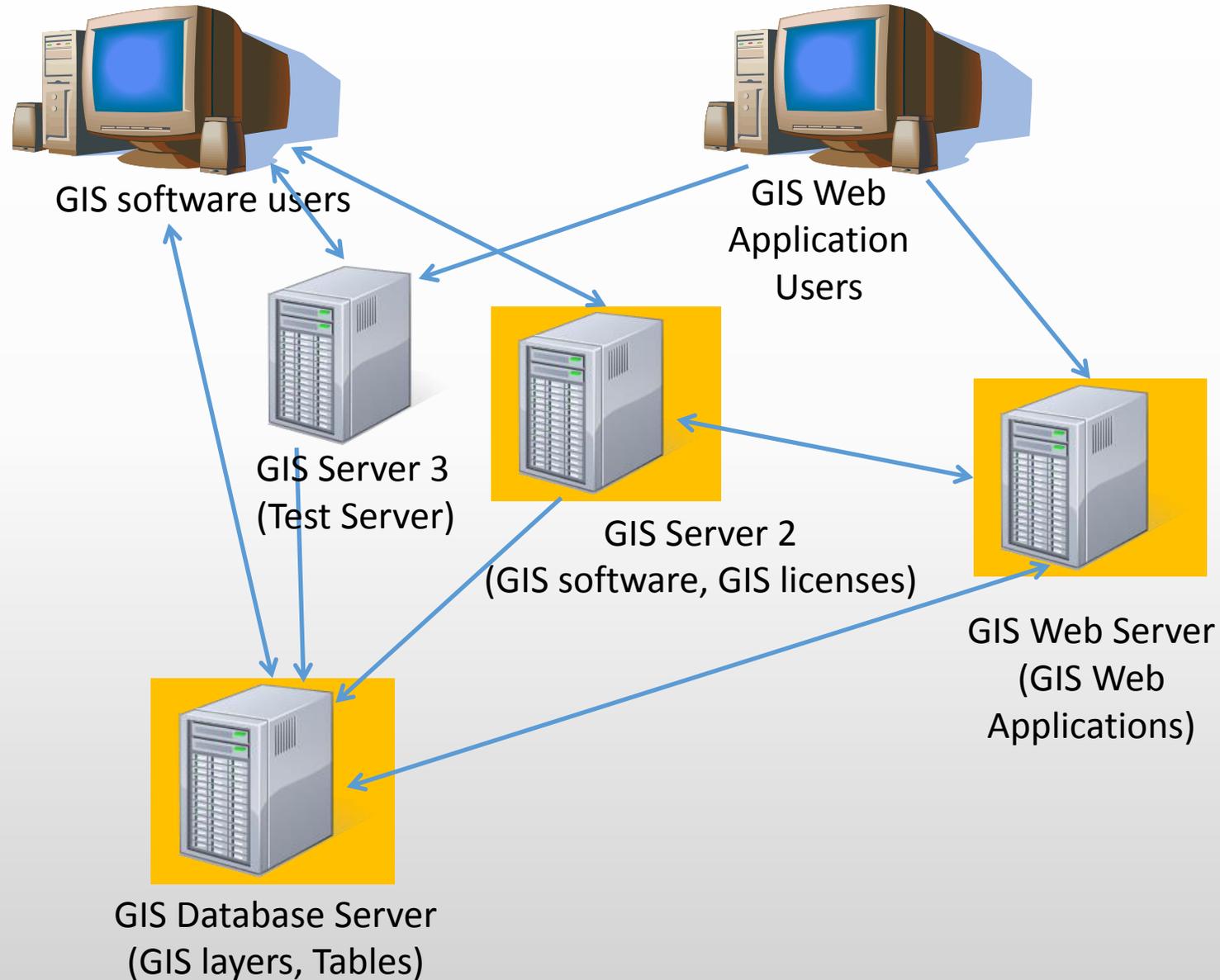
Usability of Web-Based GIS Applications at District Six



D6 GIS Enterprise



D6 GIS Hardware



D6 GIS Software

Concurrent Use



Nine (9) concurrent ArcGIS for Desktop Licenses share by thirty one (31) users.



One (1) ArcGIS Server Licenses for some 200 district GIS web base application users.

One (1) ESRI Developer Network (EDN) for test

D6 GIS Data

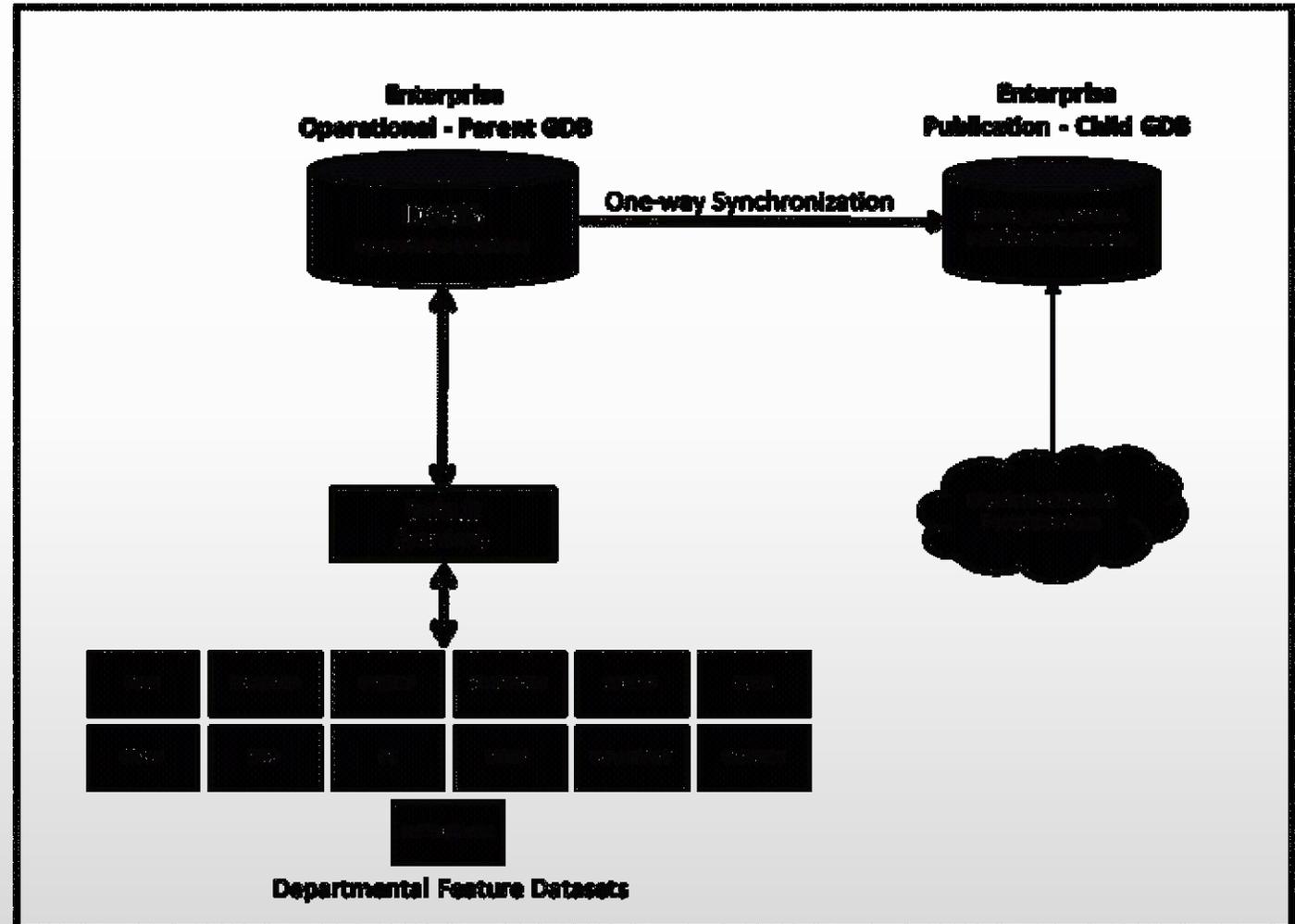
210 Feature class (Map Layers)

50 D6 GIS Map Services (GIS Web Maps)

14 External GIS Map services (GIS Web Maps)

GIS Data Update:

- 25 % Manual
- 75 % Automatic (Geoprocessing, Python Script)



D6 operational geodatabase hosted on the database server

D6 GIS Personnel



GIS Coordinator-Analyst (Full time)



GIS Developer (Part time)

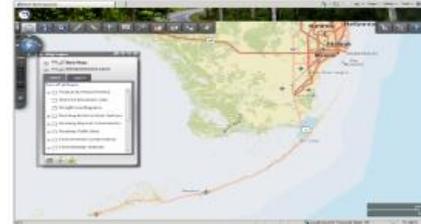


GIS Analyst (Once a week)

D6 GIS Websites



D6 Enterprise GIS Web Viewer



FDOT GEV Framework Viewer



R/W Property Management Application



Environmental Permit Tool



Contamination Screening GIS



GeoBridge



Emergency Management



Geotag - Photo Management Console

D6 GIS Users

TIME WELL SPENT™

by Tom Fishburne



WORKFORCE MANAGEMENT DOESN'T HAVE TO BE SO HARD



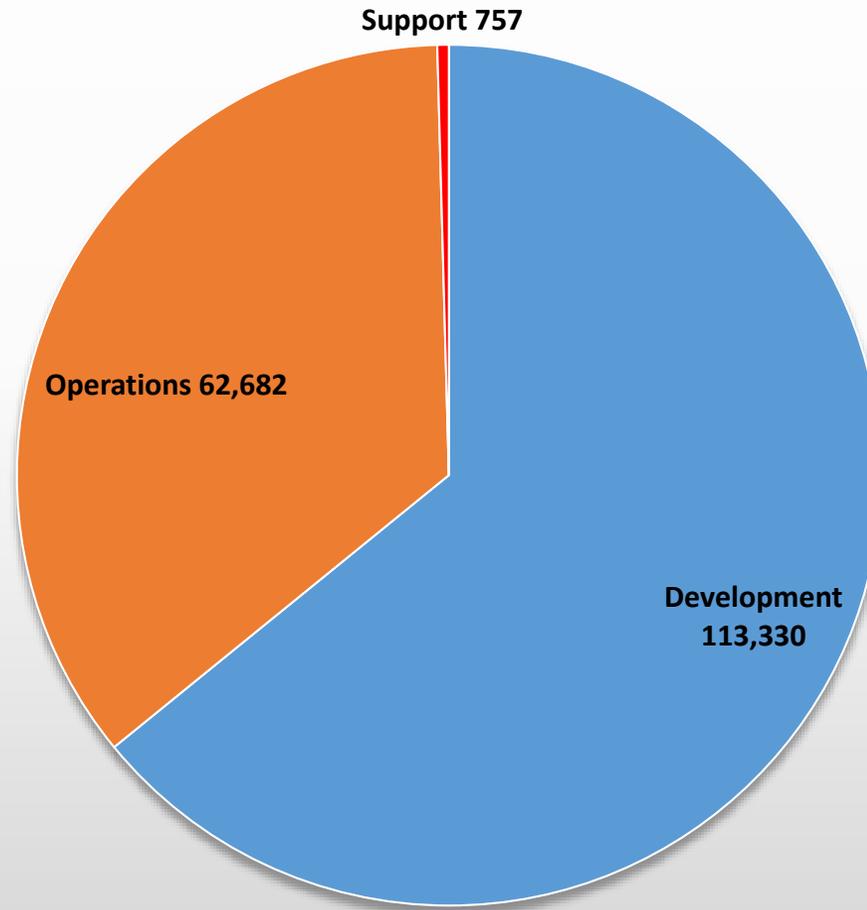
© 2011

KRONOS.COM/TIMEWELLSPENT



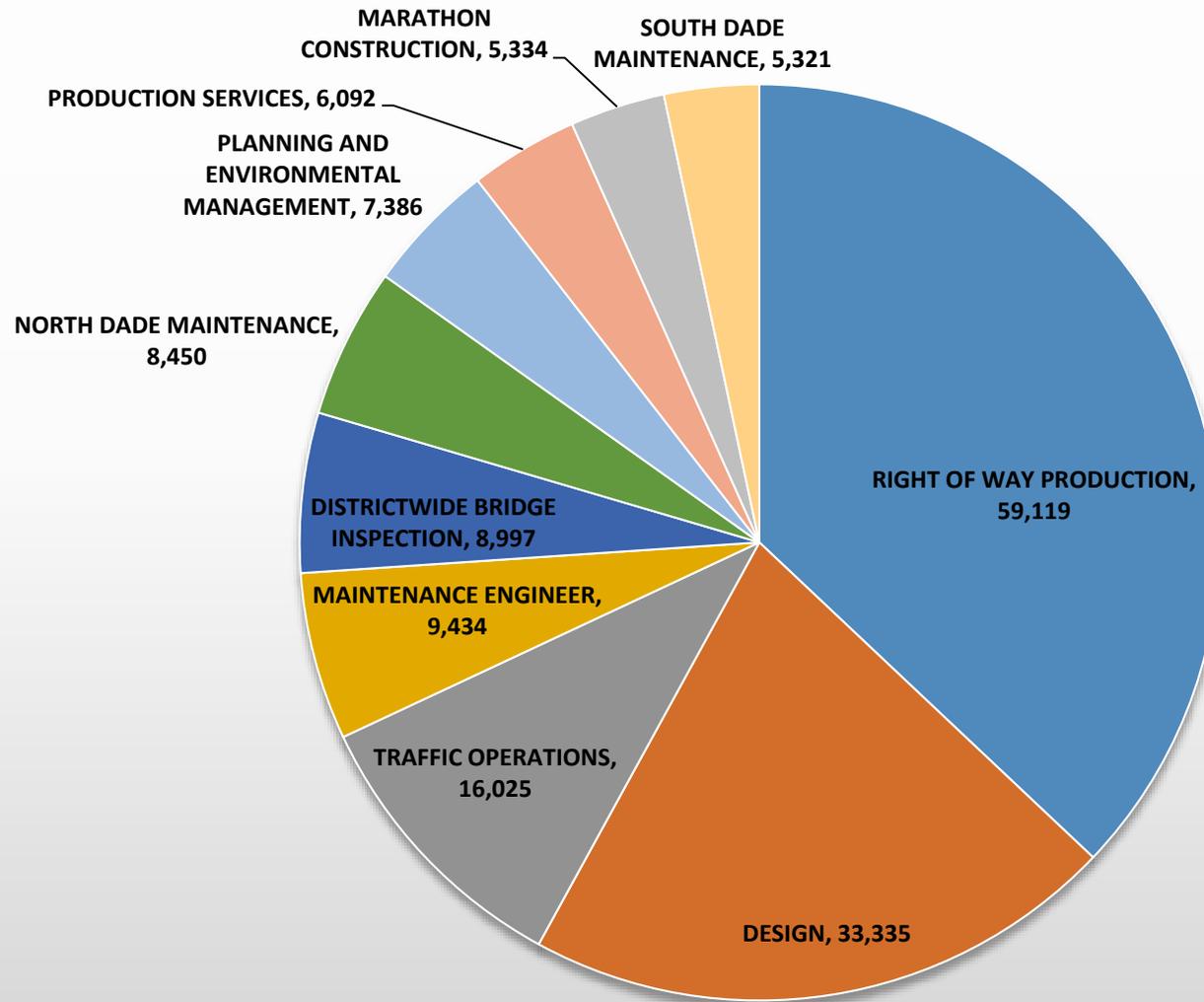
D6 GIS Users

GIS Website Hits by Office (2012-2014)



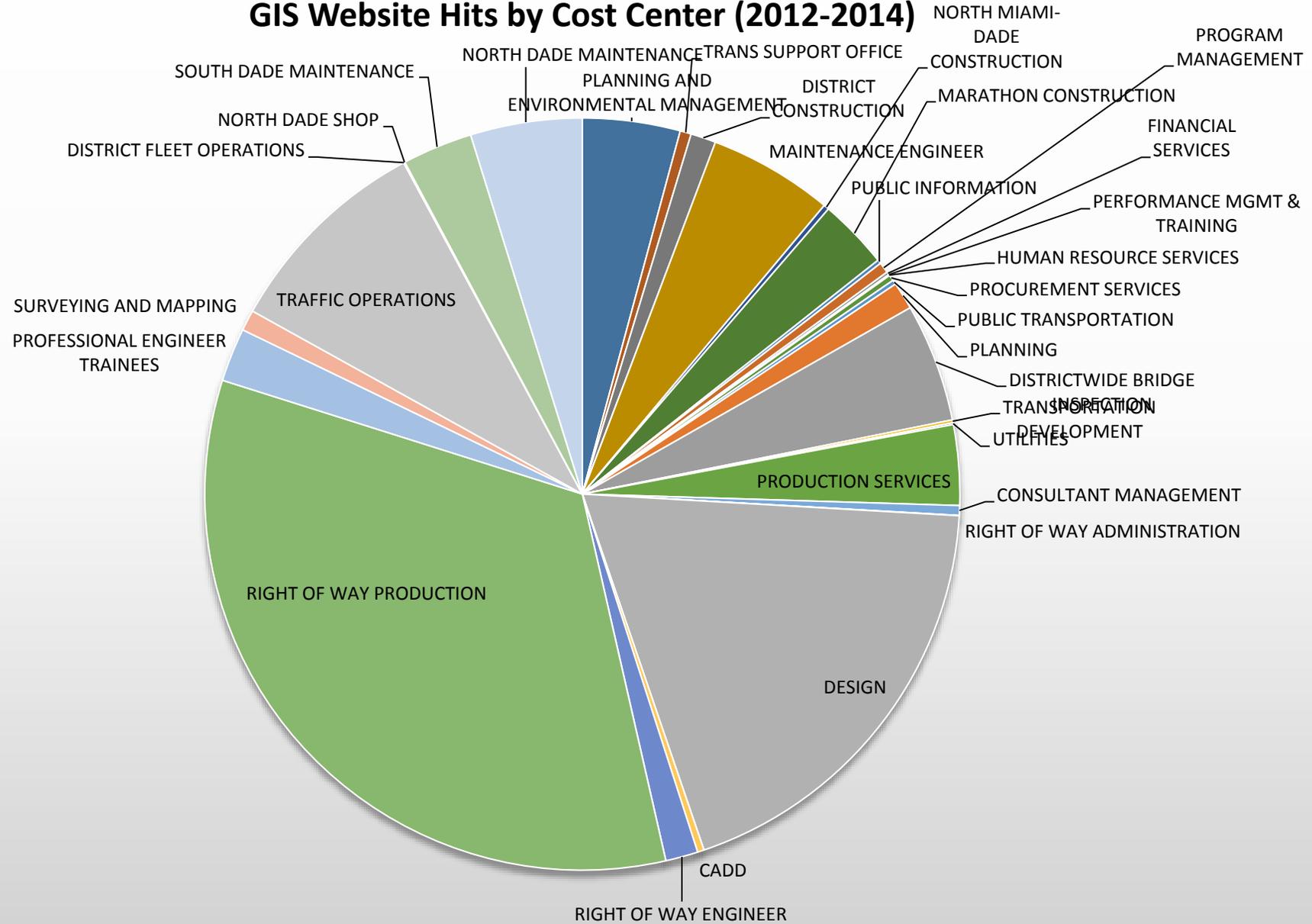
D6 GIS Users

GIS Website Hits (> 5000) by Cost Centers (2012-2014)



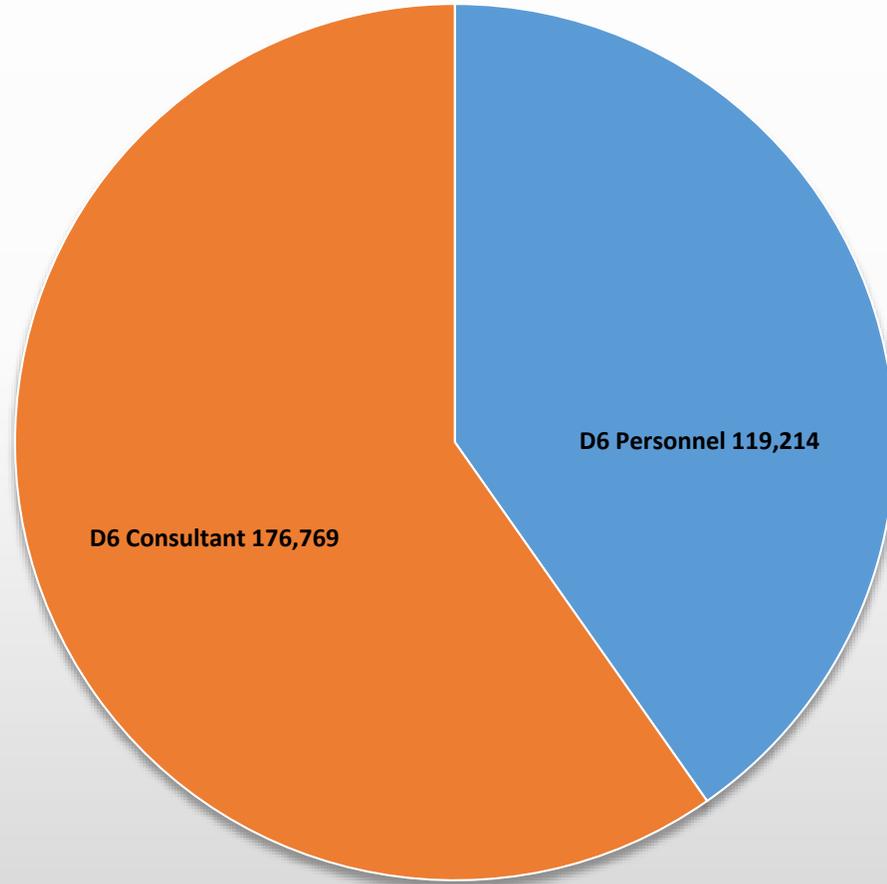
D6 GIS Users

GIS Website Hits by Cost Center (2012-2014)



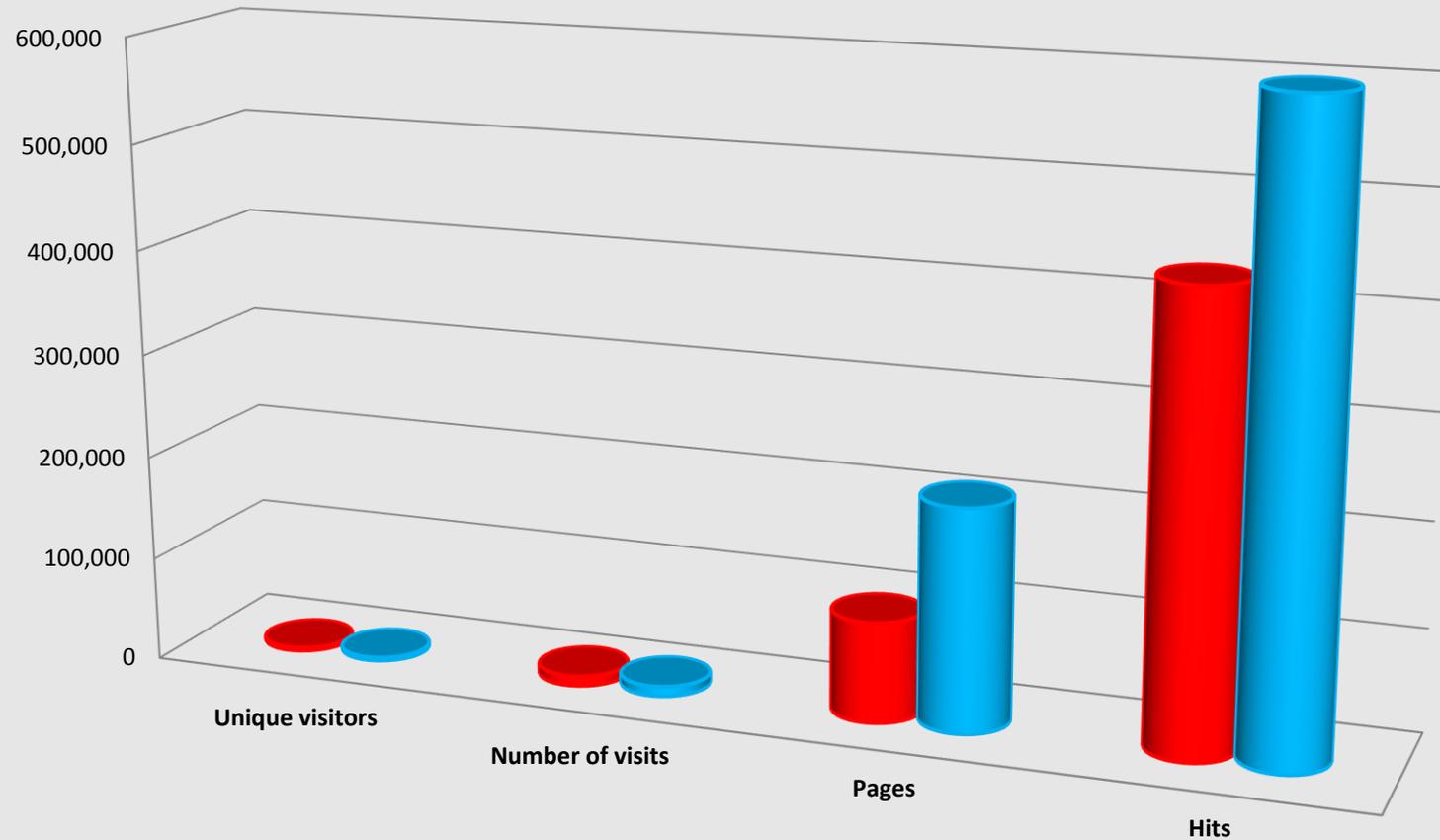
D6 GIS Users

GIS Website Hits 2012-214



D6 GIS Users

D6 GIS Websites Usage Comparison



	Unique visitors	Number of visits	Pages	Hits
2013	3,120	9,618	96,699	430,502
Oct-14	3,079	9,568	213,085	598,705

D6 GIS Users

D6 GIS survey:

A basic survey was performed to assess how GIS could benefit the District by estimating savings associated with reduction in Full Time Effort (FTEs).

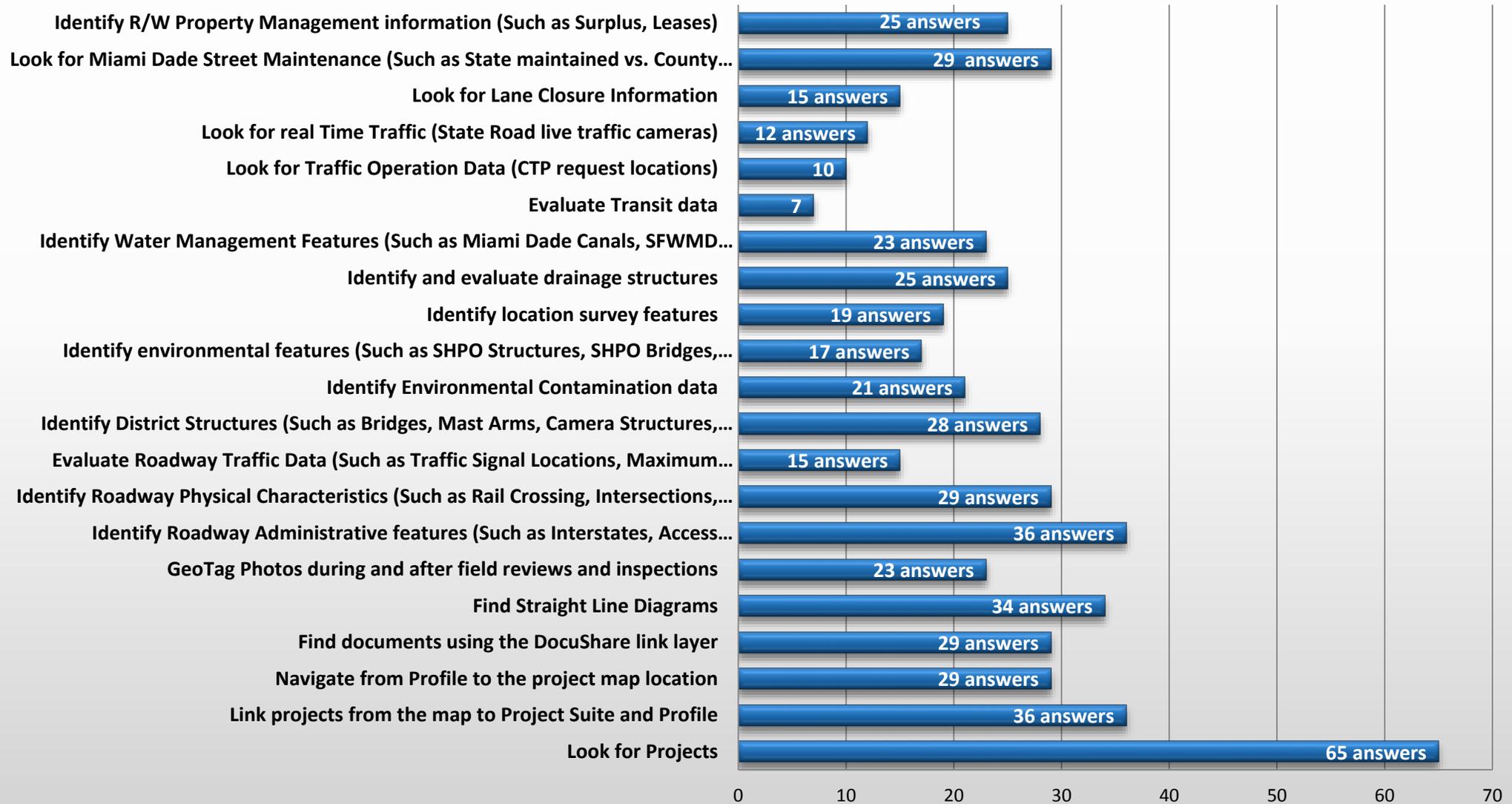
The survey was administered online and a total of 75 District employees responded. A 14% error margin for a survey sample of 50 was applied.

Survey questions:

1. Which of the following task do you perform using District Six GIS Websites functionalities?
2. How much time per day do you estimate you're saving by using these GIS functionalities?

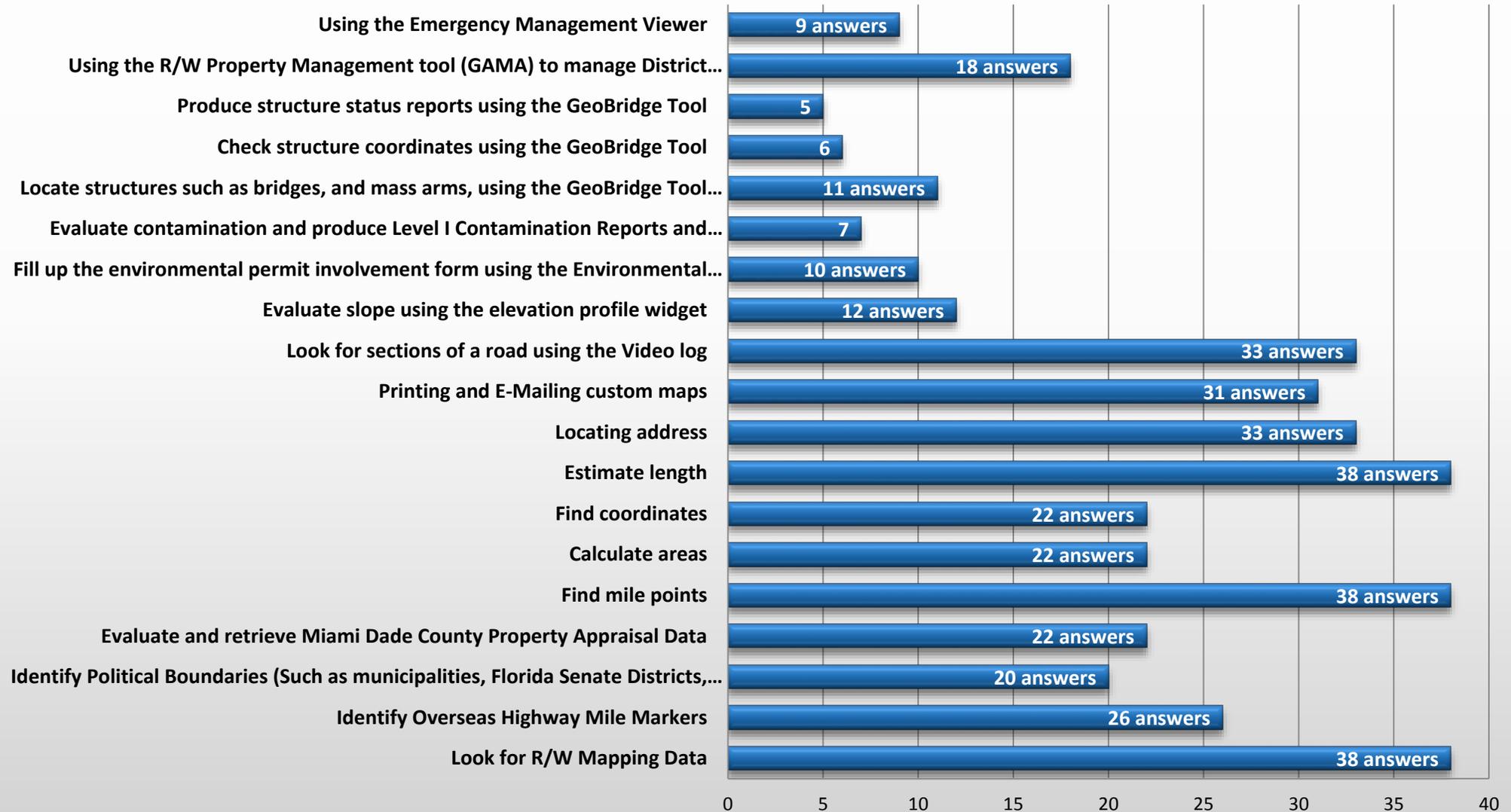
D6 GIS Users

Which of the following task do you perform using District Six GIS Websites functionalities?



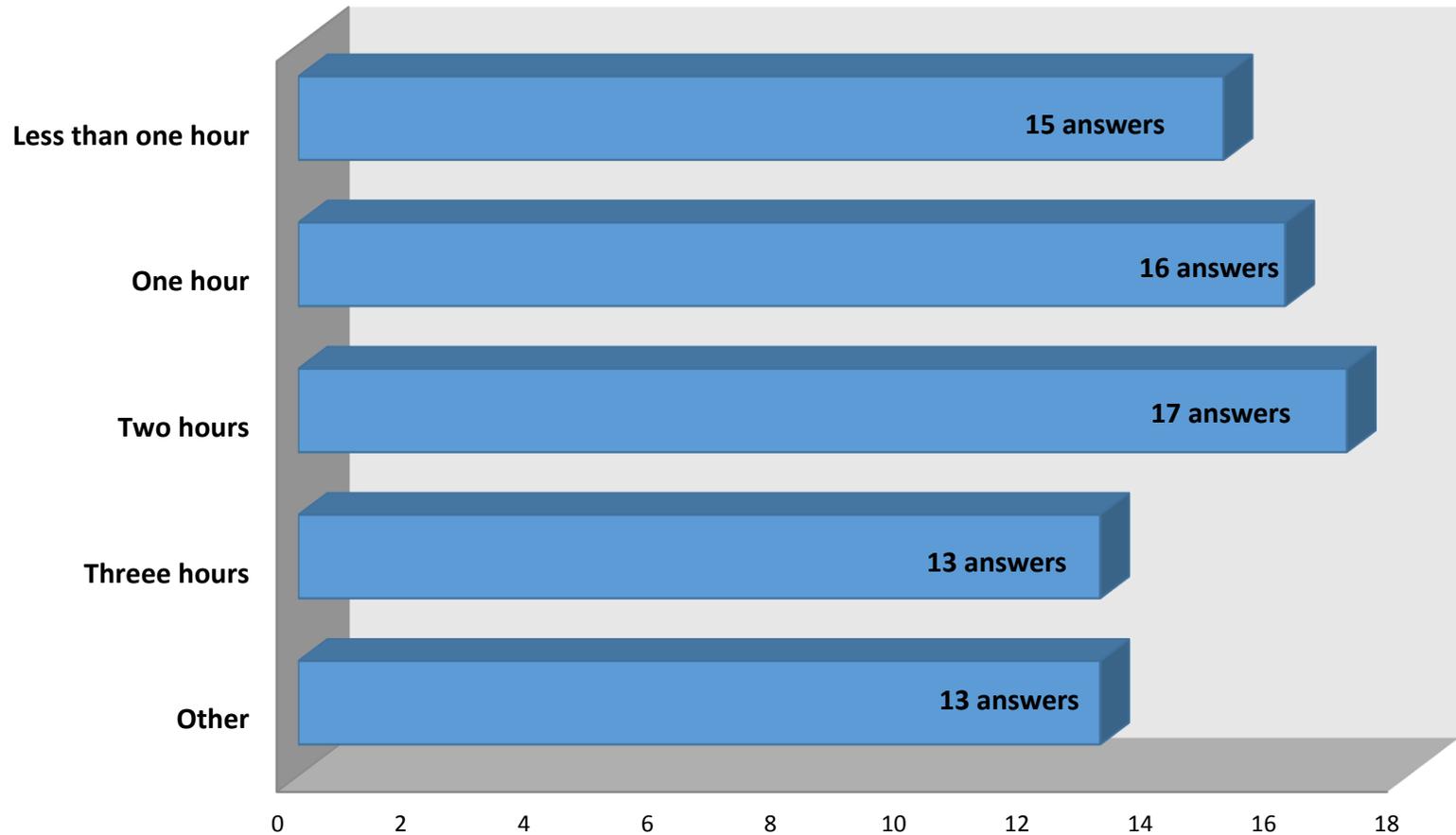
D6 GIS Users

Which of the following task do you perform using District Six GIS Websites functionalities?



D6 GIS Users

How much time do you estimate you're saving on daily basis by using these GIS functionalities?



D6 GIS Use Benefits by Reduction of FTE

How much time do you estimate you're saving on daily basis by using D6 GIS functionalities (Hours)?	Working Days per year	Reduction in Full Time Effort (Hours per year)	Number of responses	Total Reduction in Full Time Effort (hours) by Responses in a Year	14% error margin for a survey sample size of 50 (hours in a year)
<1	260	130	15	1,950	1,677
1	260	260	16	4,160	3,578
2	260	520	17	8,840	7,602
3	260	780	13	10,140	8,720
4	260	1,040	13	13,520	11,627
Totals	1,300	2,730	74	38,610	33,205

The use of GIS could reduce **33,205 hours** a year of full time effort (FTE) by keeping the same level of District output services.

Conclusions

Avoid this...



