

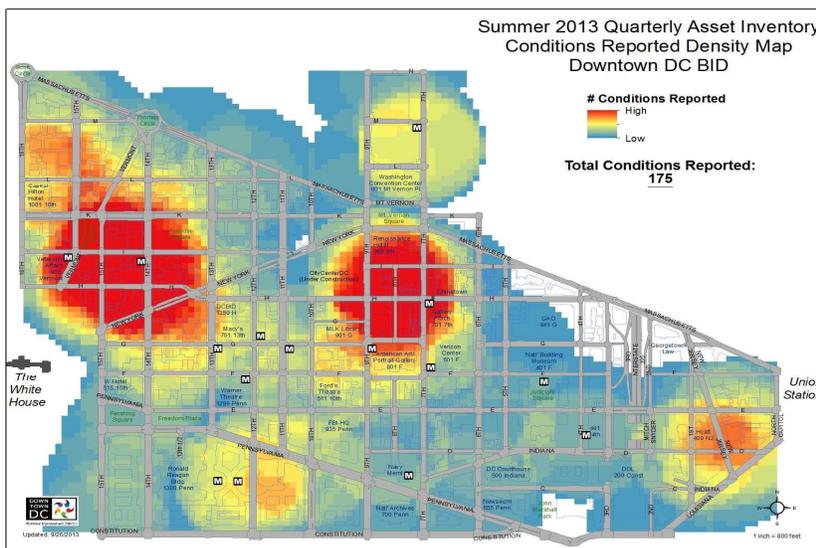
Quarterly Asset Inventory: Summer FY 13

Methodology of Data Collection

The Public Space Management Department (PSM) completed the six week *Summer Asset Inventory Project* surveying several permanent assets throughout the DowntownDC Business Improvement District (DBID). During the course of the last year PSM has conducted four inventory projects of permanent assets using the *Field Asset Management Mobile Application*. Similar to the previous inventory, this project had a focus of six elements minimizing the number of total assets inventoried. Staff inspected items like bike racks, receptacles and street poles, along with trees.

During the six week period, eleven SAMs on the Quality Assurance Team (QAT) rotated surveying these assets along with one PSM staff member. The QAT was dispatched on Tuesdays, Wednesdays and/or Thursdays during data collection period from 12 pm to 4pm based on weather and other downtown activity. Members of the QAT surveyed 106 square blocks during this project and PSM staff covered the remaining 32 blocks. The daily average of field time for users was roughly 3 hours and 55 minutes (10 minute rate increase from previous inventory) and the average completion of a square block witnessed a range of about the same as the previous inventories at about an hour. The total number of surveyed assets totaled to nearly 8,503, which on average is exactly 62 assets around one square block.

Image 1.0 Density Map of the Quarterly Asset Inventory: Summer FY 13



Results & Findings

This inventory allowed the DBID to measure each of these permanent assets over the course of a year and illustrate many positives regarding our public spaces. Any condition that currently remains unresolved or present as reported during previous surveys is not included in the total (only new conditions). First, as shown in Table 1.0, of the six assets examined during this project nearly 98% have no conditions. Of those locations that do, in the case of alleyways, most are fluid or variable issues such as abandoned property, trash & debris, and vandalism. Furthermore, of the 15 various Metro entrances only three locations had new conditions apparent which consisted of mainly cleanliness and trash related items. Street poles illustrated the highest number of conditions at 94 with 68% including simple maintenance efforts such as rusting and paint peeling. This number has remained relatively consistent over each of the inventories with over 60% of conditions being of this nature. Additionally, tree conditions, similar to those documented in the spring inventory, hovered around 4% showing how well the health of trees in both parks and along streets are.

Table 1.0 Permanent Assets Inventoried

Asset Type	Amount	Number Inventoried	Reported Conditions	GIS Edits	Percentage Damaged
Alleyway (AW)	49	49	14 (+5)	0	28.6%
Bike Racks (BR)	397	397	0 (0)	14	0%
Metro Entrance (ME)	15	15	3 (-2)	0	20%
Receptacles (RC)	1128	1128	24* (-116)	17	2.1%
Street Poles (SP)	3226	3226	94* (-18)	0	3%
Tree (TR)	3688	3688	15* (-145)	3	4.3%
Totals	8503	8503	150	34	1.8%
Other Conditions (OC)^	24	N/A	25 (-100)	N/A	N/A

*Reported conditions difference is compared to most recent inventory

^ Includes such conditions as: Abandoned Bike (2), Abandoned Property (2), Catch Basin (2), Other (5), Panhandler (1), Parking Meter (1), Paver Issue (10), Vault Damage (1), Vermin (1)

As demonstrated over the course of the year each of these inventories has seen over 90% of assets inventoried in good or functional condition, with primarily aesthetic related issues being documented. Of the four inventories, nearly 1,584 conditions have been reported and each project has resulted in a decline in the number accounted for. This may be due to the number of concerns being resolved, along with the level of maintenance being improved over the course of the last year as seen in Chart 1.3.

Image 2.0 Inventory Route, Zone 2

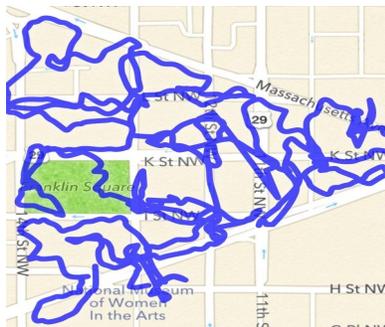


Image 2.1 Inventory Route, Zone 3

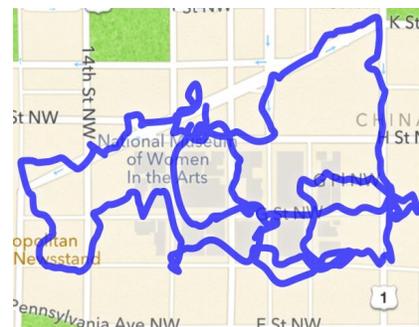


Chart 1.0 Number of Conditions by Type of Asset

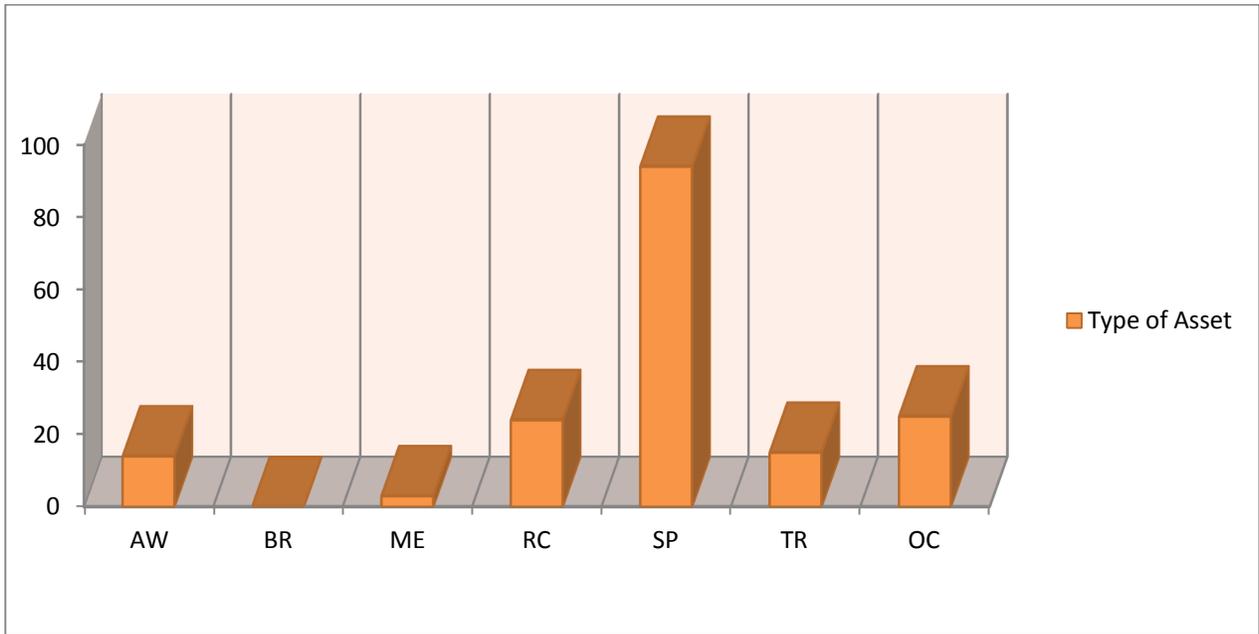


Chart 1.2 Comparison of Conditions Reported By Year

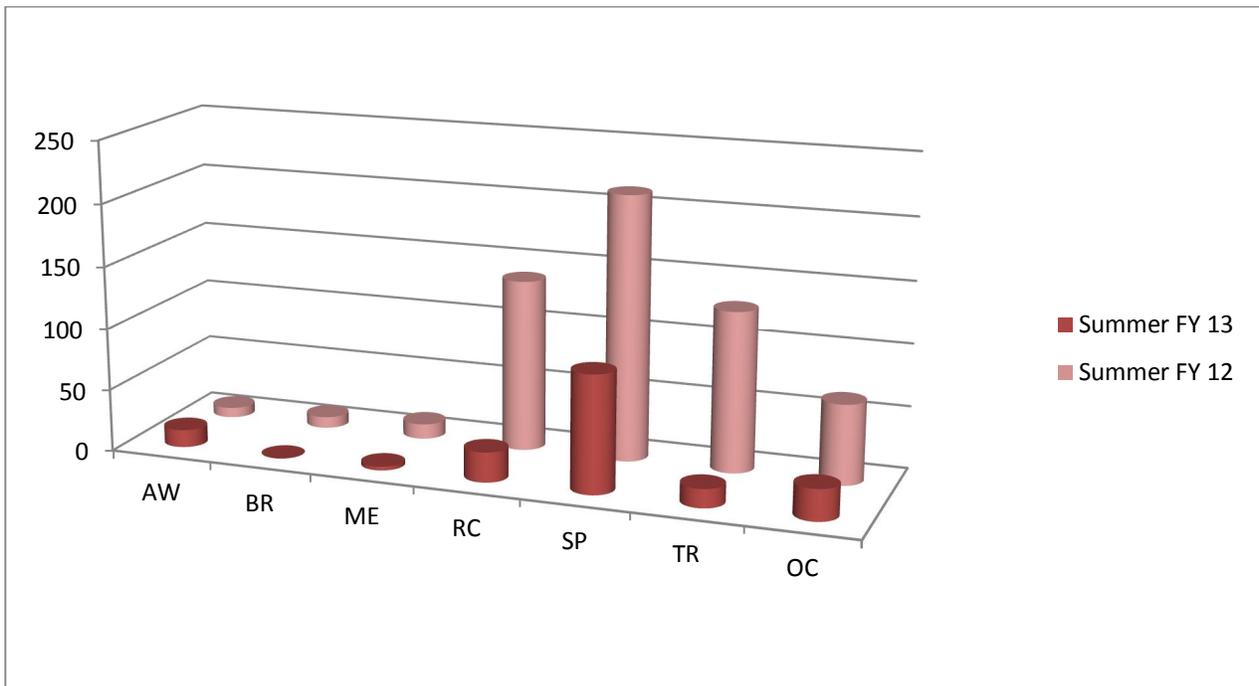
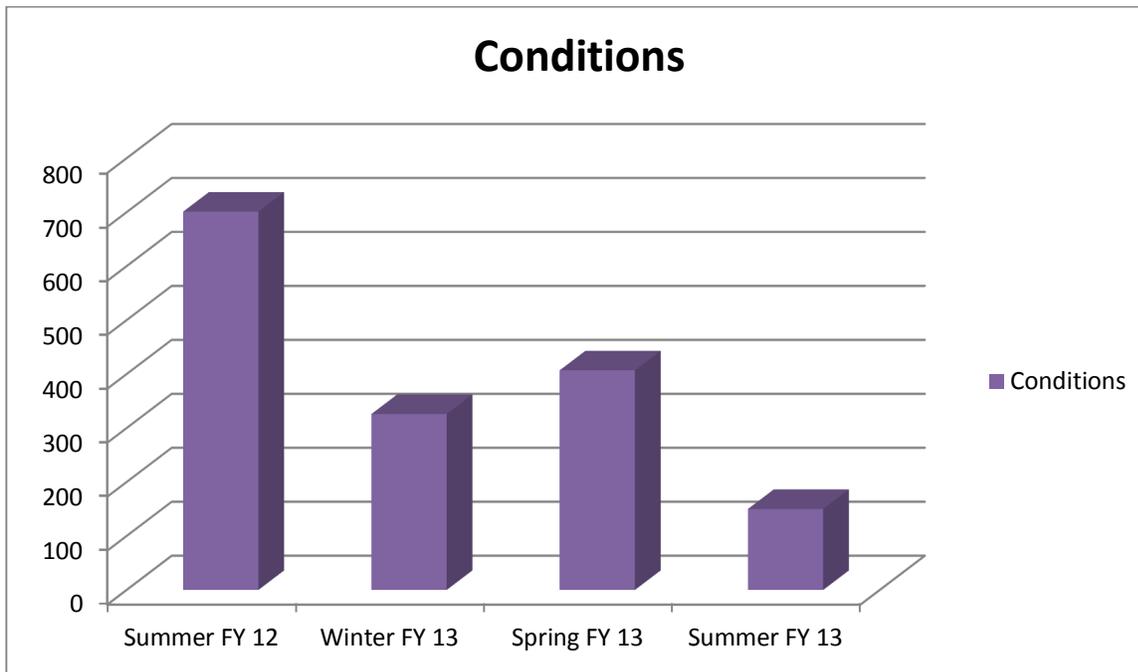


Chart 1.3 Comparison of Conditions Reported By Quarterly Inventories



*Does not include conditions reported on non-permanent assets

Recommendations & Conclusions

The four various inventories remain to be a good gauge of conditions associated with permanent assets in the DBID. These projects are complimentary to the routine level of surveying that occurs throughout a typical month with PSM staff and the QAT on other areas of interest such as sidewalk activity, quality of life concerns, and physical infrastructure. It is likely that the Quarterly Asset Inventory will continue to change and evolve to become more concentrated on safety related features like access vaults and utility related items. As the DBID comes closer to collecting information on all physical assets in the public space, the items on the Quarterly Asset Inventory will continue to expand.

Moreover, as the DBID moves toward improving and sustaining the high level of quality data, service requests and conditions may ultimately begin to decline in the realm of permanent assets. The DBID will also be able to more effectively assess areas of needs while eliminating waste on issues which have no general impact regarding the public space. Lastly, adding external factors such as weather, pedestrian activity, crime trends, and other components that impact the public space directly or indirectly may be useful in getting a more holistic view of the assets.