

Change-Out of Pop-up Riser Stems to In-Stem Flow Regulators and High-Efficiency Nozzles
 Van Nuys airport facility, 16813 Stagg Street, Van Nuys, CA
8 valves changed-out of which time studies were made on 5 of them

	<u>Location</u>	<u>No. of Sprinklers</u>	<u>IFRs used</u>	<u>Nozzles Used</u>	<u>Water Savings</u>
1)	3 finger planters in parking lot	24	24 POP1210	24 PRNs	67.4%
2)	Shrub bed - west side of driveway:	29	29 POP1210	29 PRNs	66.1%
3)	SEC of building	24	19 POP1210 & 5 CP050	19 PRNs & 5 PSN-SSTs	31.5%
4)	Area in front of Center of building	35	26 POP1210 & 9 CP050	26 PRNs & 9 PSN-SSTs	74.4%
5)	SWC of building	21	16 POP1210 & 5 CP050	16 PRNs & 5 PSN-SSTs	<u>66.3%</u>
AVERAGE WATER SAVINGS FOR THE 5 VALVE SYSTEMS:					61.14%

NOTE: We did not move or add any sprinklers; we simply changed out the stems and the nozzles in every existing sprinkler in each valve system. Change-out Project completed on or about March 13, 2015.

Legend: POP1210 = LittleValve 12" Rain Bird Replacement stem
 CP050 = 1/2" LittleValve Coupling
 PRN = Precision Rotating Nozzle by The Toro Company
 PSN-SST = Precision Spray Nozzle – Side Strip model by The Toro Company