



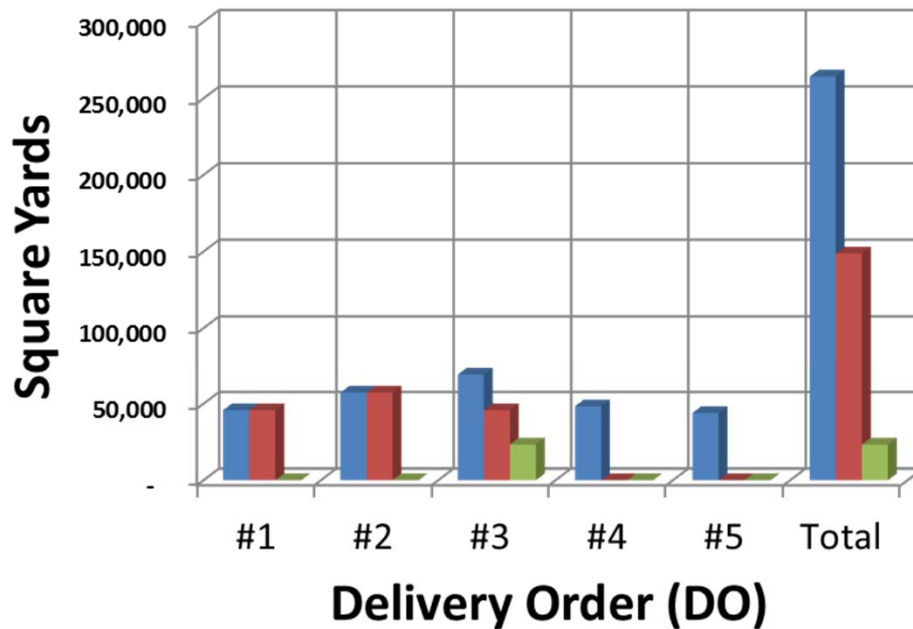
Street Preventative Maintenance Program (SPMP) Year 1 Update Year 2 Work Plan



Council Presentation
October 21, 2014



SPMP Year 1 Update - OVERLAYS



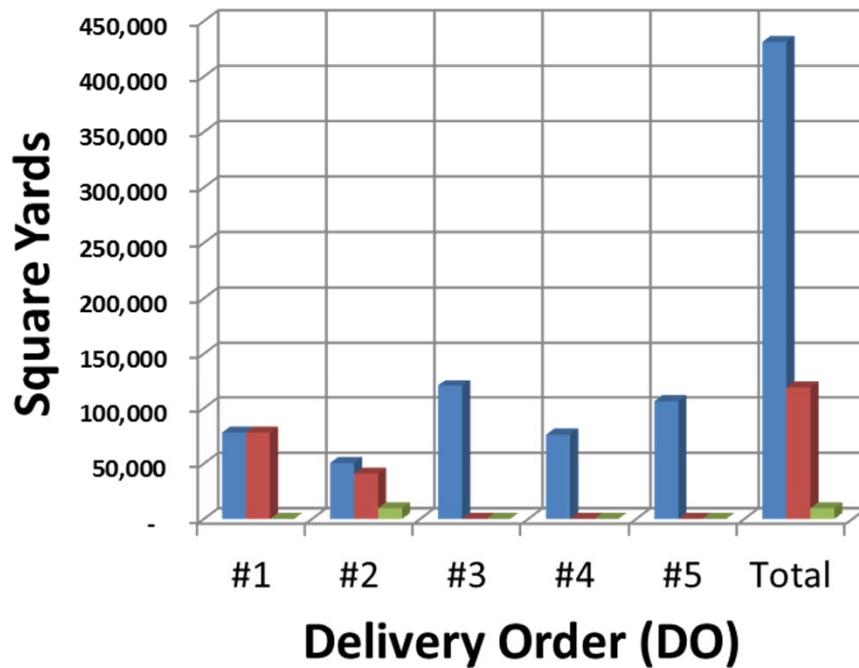
OVERLAYS				
DO	Total SY	SY Complete	SY in Progress	% Complete
#1	45,741	45,741	0	100%
#2	57,228	57,228	0	100%
#3	69,032	45,727	23,306	66%
#4	48,328	-	0	0%
#5	43,877	-	0	0%
Total	264,207	148,696	23,306	56%

264,207 Total SY
 Total length – 74,805 ft
 or 14.1 miles

■ Total SY ■ SY Complete ■ SY in Progress



SPMP Year 1 Update – SEAL COATS



SEAL COATS				
DO	Total SY	SY Complete	SY in Progress	% Complete
#1	77,847	77,847	0	100%
#2	50,437	40,793	9,644	81%
#3	120,533	-	0	0%
#4	76,087	-	0	0%
#5	106,157	-	0	0%
Total	431,061	118,640	9,644	28%

(Does not include 350K SY City Seal Coat Work.)

431,061 Total SY
Total length – 132,718 ft
or 25.1 miles

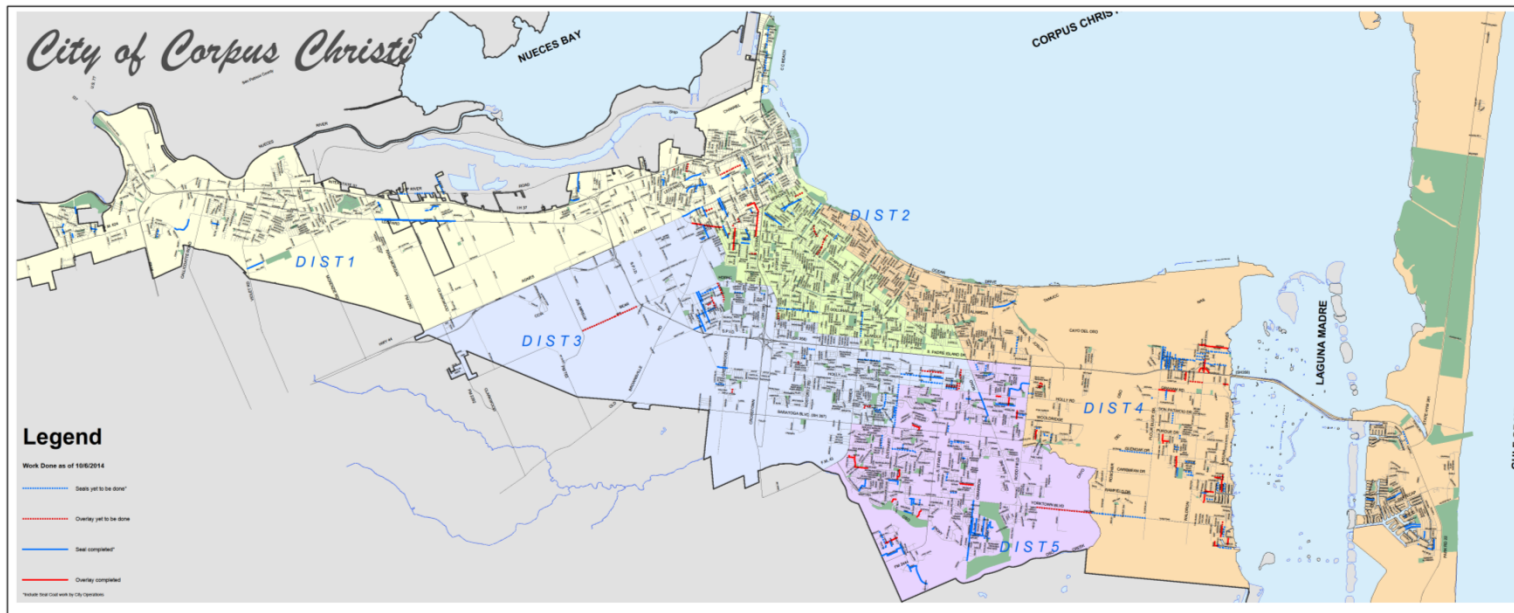
■ Total SY ■ SY Complete ■ SY in Progress



SPMP Year 1 Update



2014 SPMP Work Plan (Year - 1)



As of October 6, 2014



SPMP Year 1 What We've Learned



1. Use GoogleMap aerial view.
 2. Keep a list of approved alternative streets.
 3. Street selection methodology works well.
 4. More inspections, more up-front testing.
 5. Resident notification protocol works.
 6. Able to update striping in accordance with Transportation Plan.
 7. Utility coordination working well.*
-

*Only two streets have needed water or wastewater utility work.



SPMP Year 1 Overlay



Baldwin & Cheyenne



Waldron @ Fawn



SPMP Year 1 Overlay



Graham & Meeks



Nineteenth & Hospital



SPMP Year 1 Overlay



Sabinas



Niagara



SPMP Year 1 Seal



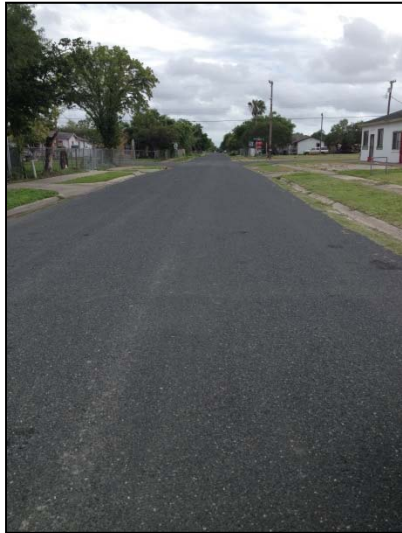
S. Port & Alamo



Alameda & Glenmore



SPMP Year 1 Seal



Eighteenth & McKenzie



Angela & Bloomington



SPMP Year 1 Seal



Timber Crest



Spring Brook



SPMP Street Selection Criteria

(Presented 11/19/2013)



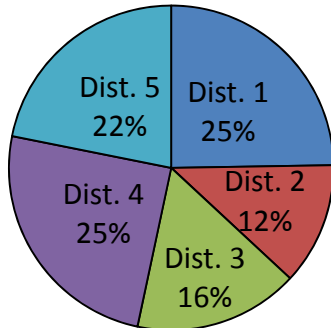
1. Work based on **Pavement Condition Index (PCI)** scores:
 1. Approximately 56 for Overlays and 71 for Seal Coat
 2. Work the ones closest to 56 and 71 first
2. **Distribute by District** based on Capital Assets needing Maintenance (% of Network)
3. **Distribute by Street Classification** (Residential, Collectors & Arterials) based on Capital Assets (% of Network)
4. **Coordinate work** for Residential by Neighborhood and initial subdivision construction dates
5. **Distribute work** by percentage of Overlay and Seal Coats
6. **Prioritize by traffic loads** causing potential premature failure of roadway



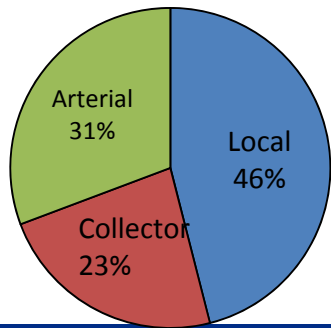
SPMP Requirements & Year 2 Work Plan Comparison



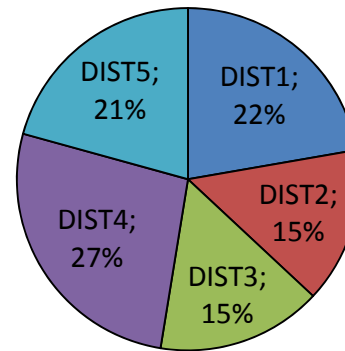
Maintenance Requirements by District



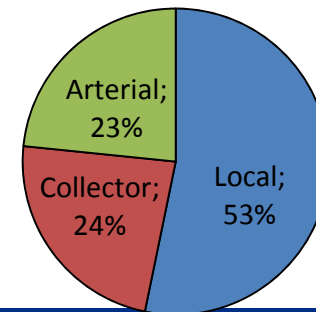
Maintenance Requirements by Road Classification



2015 SPMP Work Plan by District



2015 SPMP Work Plan by Road Classification



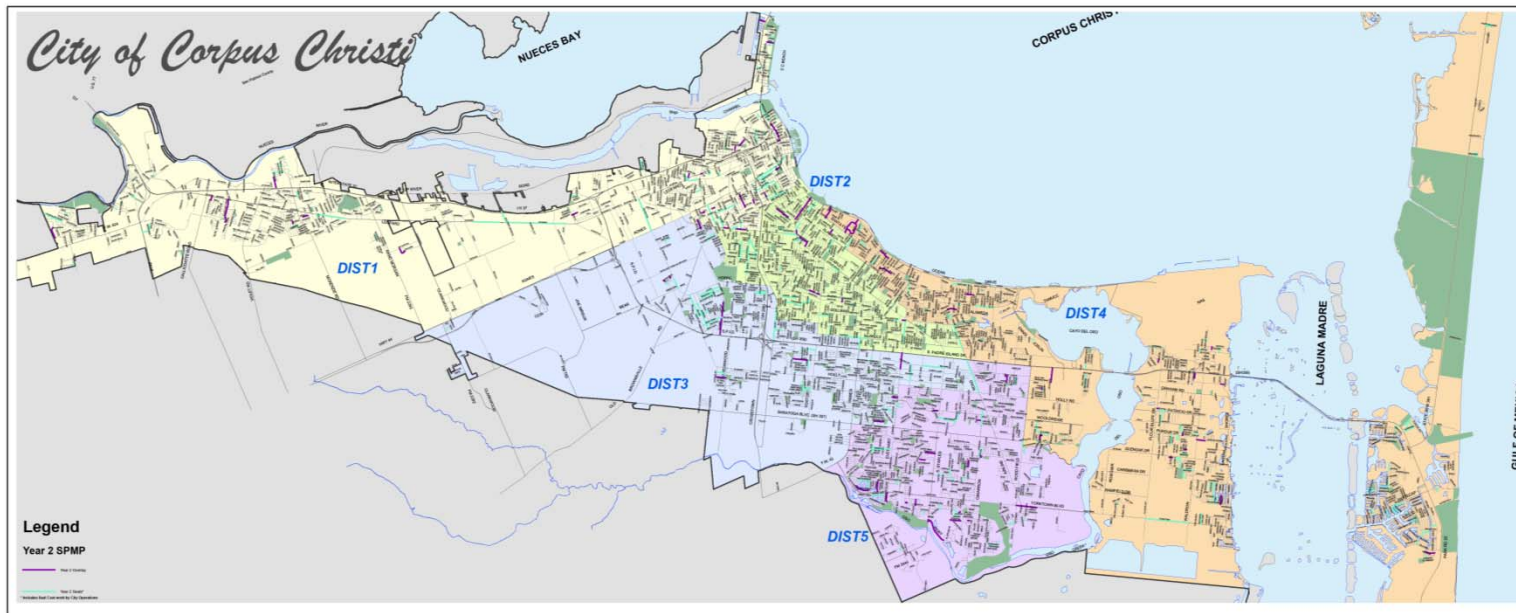
Target percentages based on Square Yards of Pavement in each District/Category relative to the total City System.



SPMP Year 2 Map



2015 SPMP Work Plan (Year - 2)



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SPMP Year 2 Schedule



-
- Evaluation, selection, preparation of SPMP YR 2 Mar. 2014 – Sept. 2014
 - SPMP YR 2 Work Plan Presentation Oct. 21, 2014
 - SPMP YR 2 Work - Plan Council Approved Resolution Oct. 28, 2014
 - Contract to develop DOs for SPMP YR 2 to Council Oct. 28, 2014
 - Council approves Contract to develop YR 2 DOs Nov. 11, 2014
 - Development of YR 2 DOs Nov. 2014 – Dec. 2014
 - Begin construction work – YR 2 SPMP 1st Quarter 2015



SPMP Year 2 Work Plan



Extending the life of our streets.

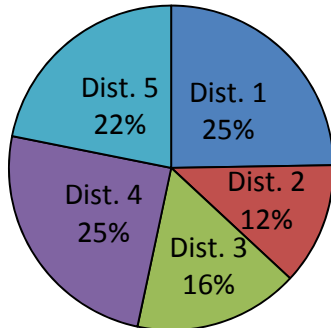




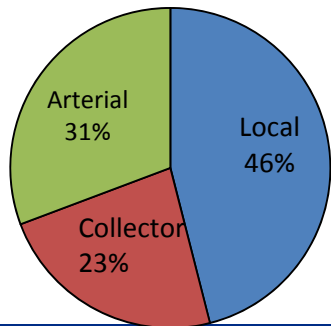
SPMP Requirements & Year 2 Work Plan /w City Seals



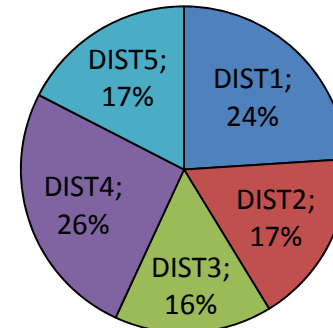
Maintenance Requirements by District



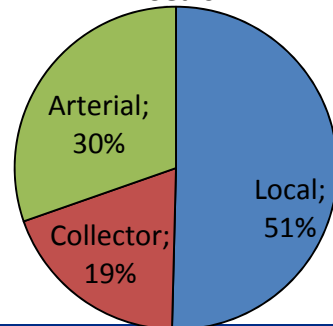
Maintenance Requirements by Road Classification



2015 SPMP Work Plan by District w/City Seals



2015 SPMP Work Plan by Road Classification w/City Seals



Target percentages based on Square Yards of Pavement in each District/Category relative to the total City System.