City of Tacoma
Public Works

Residential Street Maintenance Program Update

Agenda

- Update to Council
  - Pothole response 2008
  - Priority List for Arterial Reconstruction
- Maintenance Report
  - 2007 Final Report
    - Completed Work
    - Budget Breakdown
    - Work by Neighborhood Council District
    - Customer Survey
  - 2008 Program Report
    - Project Selection
    - Proposed Blocks by Neighborhood Council District
    - Work Forecast

2007 Completed Work

Work Type	End of Yr Projections as of 8/8/07 at Environment & Public Works Committee Meeting	Completed Work
Maintenance Wear Course Overlay	85 Blocks	86 Blocks
Surface Treatment (Includes preparation, chip seal and contractor slurry)	176 Blocks	182 Blocks
Concrete Panel Replacement	0 Panels	13 Panels
Collaborative Projects	0 Blocks	7 Blocks
ADA Ramps	8 Ramps	12 Ramps

2007 Budget Breakdown

Maintenance Type	Expenditures	Complete
Maintenance Wear Course Overlay (Includes administration, graphics, postage, etc)	$1,071,800.44	86 Blocks
Surface Treatment (Slurry & Cape Seals)	$416,040.94	182 Blocks
Equipment	$557,556.28	
ADA Ramp Installations	$24,904.50	12 Ramps
Concrete Panel Replacement	$38,757.49	13 Panels
Collaborative Projects	$35,386.86	7 Blocks
Sub-Total	$2,144,446.51	
Remaining Balance for 2007	$132,053.49	
Total Budgeted Amount for 2007	$2,276,500.00	

2007 Blocks Completed by Neighborhood Council District

District	CBS District	Maintenance wear course (Blocks)	Surface Treatment (Blocks)	Collaborative Projects (Blocks)	Concrete Panels	ADA Ramps
Central		8.5				
Eastside		13	70			
New Tacoma	Bryant (5)					8
Northeast		13				
North End		3			13	4
South End	Edison (2)	17.5	83			
South Tacoma	Jenny Reed (2)	7	29	1		
West End		15		6		
	9	77	182	7	13	12

Customer Survey Data – Maintenance Wear Course

- 600 Mailed – 282 Returned – 47% Participation

Ms. Olsen, Eastside "The street repair/repaving was desperately needed. We are very happy with the results, and no longer are embarrassed when friends drive here."

Mr. Crosley, West End "Great job, thanks a bunch!"

Ms. Davies, South Tacoma "I was delighted to have my street be chosen for repairs ~ Keep up the good work!"

Ms. Fine, West End "We love our street, thank you!"

Mr. Losch, Central "The project turned out great. I have owned my home on Monroe for 17 years and that road has needed the work the whole time. Thanks to all who provided the monies and time to do the repair!"

Ms. Reed, New Tacoma "The manner at which the street was closed off and on for the repairs was done very well. Minimum inconvenience with maximum results."

Customer Survey Data – Slurry Seal

- 586 Mailed – 117 Returned – 20% Participation

I'm pleased the city is trying to do repairs and preventative maintenance to our infrastructure. I was surprised by the "washboard" effect on the road surface, but I suppose that is the way it is supposed to turn out.

Thanks for your hard work and admirable efforts to maintain our streets.

Looks great. We always hear compliments from our friends.
The street looks very good now.

We were impressed by the quality of work and the new appearance to our street.

The work was definitely needed and appreciated.

I think they did a very good job.

A lot more streets need to be saved by this method.

2008 Project Selection

- Complete remaining 5 blocks from 2007 list
- 178.5 blocks identified for maintenance wear course overlay
- 156 blocks identified for surface treatment
- Project selection criteria
  - Pavement management condition rating
  - Utility Issues - Project coordination with utilities
  - Subgrade issues – Select only those streets with good subgrade and road profiles
  - Drainage issues – Select those streets with proper drainage
  - Supervisor site visit – Verification of criteria above

2008 Proposed Blocks by Neighborhood Council District

District	Maintenance wear course (Blocks)	CBS Districts	Surface Treatment (Blocks)	Additional Blocks if needed
Central	15	Tacoma Av (2)	82	6
Eastside	16			6
New Tacoma	5	Bryant (9)		
Northeast	15			5.5
North End	15			7.5
South End	15	Edison (4)		6
South Tacoma	15	Jenny Reed (4)		6
West End	15		74	6
	111	19	156	43

2008 Work Forecast

- Maintenance wear course overlays
  - Goal of 55 - 125 blocks completed, depending on ADA requirements
- Surface Treatment (Preventative Maintenance)
  - 80 - 135 blocks identified and being prepared in both the West End and Central Neighborhood Council Districts
- Concrete panel replacement
  - 13+ panels to be identified and repaired
- Micro surfacing: Pilot project used to identify new maintenance technologies to be used on sheet asphalt streets

Thank You

2007 Public Works Week

Employee Breakfast & Equipment Show