

## Maintenance Program Outcome Statement

### Outcome:

The Maintenance Program provides effective methods for ensuring the prolonged useful life of the drainage infrastructure.

### Indicators:

SEMSWA ensures the prolonged useful life of infrastructure through:

- Removing sediment, debris and trash from grates, inlets, pipes, ponds, and roadside ditches to maintain a clean and unobstructed storm sewer infrastructure and disposal of materials at appropriate disposal and recycling sites
- Repairing and/or rehabilitating substandard or malfunctioning infrastructure
- Conducting a detailed storm system inventory of the drainage system
- Managing a mowing and weed control contract for SEMSWA-owned open space, channels, and detention ponds

## Maintenance Program Accomplishments

December 2013

	Current	Total YTD	System Total
• Inlet grates cleaned	320	4,625	4,113
• Storm Vault Maintenance	2	379	7,263
• Feet of Storm Pipe Cleaned	0	3,246	883,385
• Pond Maintenance Activity	0	245	39
• Linear feet of Pipe Televised	3,813	31,788	883,385
• Linear feet of Channel Cleaned	0	1,634	1,335,457
• Tons of Sediment Removal	54	2,195	
• Debris Removal	180	432	
• Service requests processed	52	317	

## Piney Creek Hollow Park Detention



## Piney Creek Hollow Park Routine Pond Maintenance

Before

After



## W-1 Detention Pond



# Pond W-1 Bank Stabilization

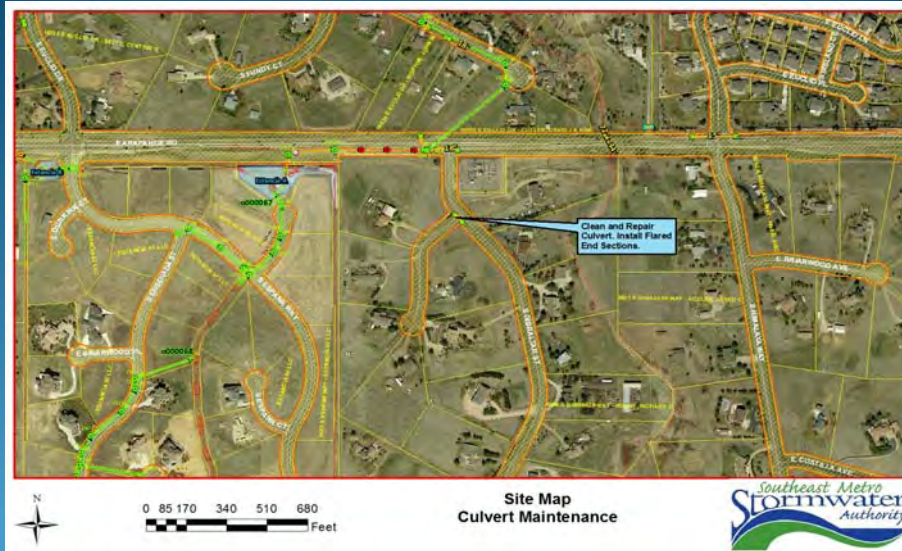
## Erodible Embankment

## Slope Protection





## Culvert Repair at Arapahoe Rd & Gibraltar Ct.



## Culvert Repair at Arapahoe Rd & Gibraltar Ct.

Before



After



## Routine Maintenance

Various Inlet Repairs



Pipe Televising



## Annual Work Accomplishment Comparison

Program	2010	2011	2012	2013
Grate Cleaning	1,827	5,768	3,055	4,625
Inlets and vaults vacuumed	256	626	537	329
Feet of storm pipe cleaned	5,625	9,332	2,950	3,246
Feet of drainage channel restored	5,244	14,470	7,038	1,634
Pond maintenance activity	82	98	122	245
Feet of storm sewer system inspected	15,816	35,630	30,219	31,788
Rehabilitation/repair projects completed	26	24	19	21
Tons of sediment removed	5,625	10,046	5,120	2,195
Tons of overgrowth removed	835	274	236	482
Acres of mowing and weed control	594	743	792	1,670
Citizen Service requests processed	227	188	382	317