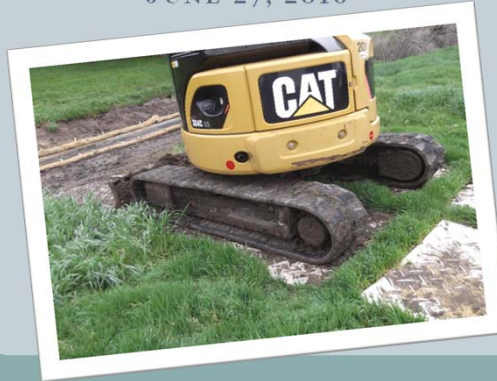


## Maintenance Division Update

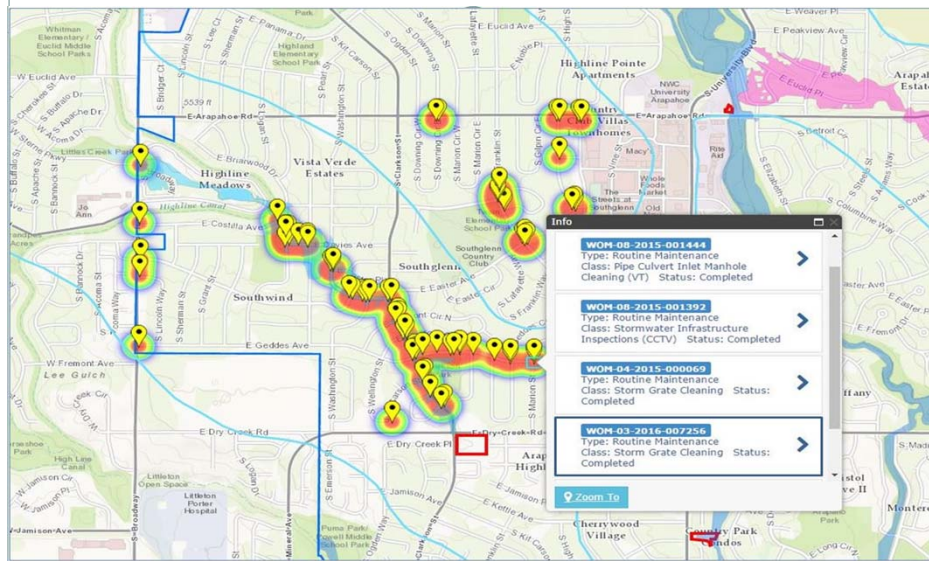
JUNE 27, 2016



## Maintenance Work Order focus since February 2016

- ❖ Maintenance Work Orders completed within a Subdivision/Neighborhood
  - ✓ One comprehensive Work Order rather than each individual inlet
- ❖ Opportunistic ROW inspections within each Crew Area (East and West)
  - ✓ Take advantage of travel routes to/from work areas to scope potential issues and generate Work Orders
- ❖ Channel Outfall Mapping/Work Plan to facilitate Corps 404 Nationwide Permit "batching"
  - ✓ West Toll Gate Creek: 4 batches of NWP 3b requests covers 30+ outfalls
  - ✓ Big Dry Creek NWP batching in process

## Neighborhood Maintenance Area Map

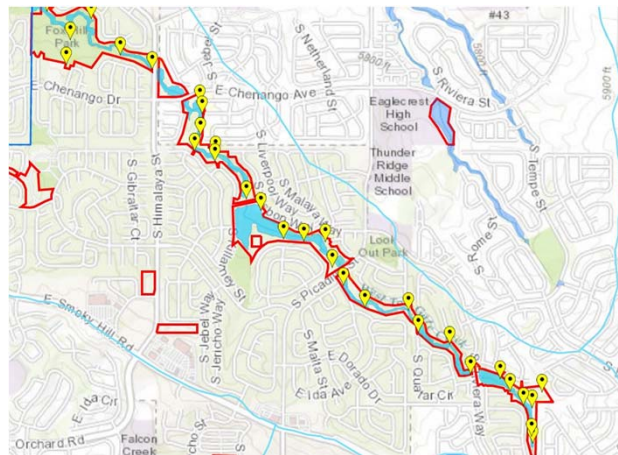


Multiple subdivisions within 'Neighborhood Area' bounded by Arapahoe - University - Dry Creek - Broadway

Corps permitting will include "batching" outfall sediment removal maintenance activities under Nationwide Permit 3 for major drainageways and tributaries.

This will group areas of outfalls that share the same parameters so that just a single Preconstruction Notification Document can cover multiple outfall projects

This will be first test of "batching" NWP 3b



### West Toll Gate Outfall sediment removal

## Update on Prior Maintenance Reporting Items

- **Soil dump site at Easter & Lima (Van Engelyn property)**
  - Ed Krisor taking lead
  - Responsible parties being permitted
- **Piney Creek Hollow Park**
  - Pond sediment removed
  - Sediment piles contained
  - Disposal options in process
- **Mowing/Debris Removal/Weed Removal Program**
  - L&M will be starting Pilot Program this month
    - ✦ 2 scheduled mowings, Spring & Fall; 2-week duration
    - ✦ Along trickle channels, houses, trails
    - ✦ Side slopes and channels left natural
    - ✦ Nextdoor notification with Website Informational Flyer



### 2016 Mowing Program

A program to manage our native grass drainage areas in a more restorative way. Native grasses, when allowed to grow to their natural heights to propagate their own seed, are self-perpetuating, choke out weeds, and regenerate independent plant communities naturally.

SSPRD and APRD are managing their open spaces in a similar manner, as shown below.





## Tree Thinning Operations

**Windmill Creek before**



**Windmill Creek After**



### Bronco's Parkway @ Jordan Rd

Failing inlet and  
sinking manhole in the  
westbound turnlane on  
Bronco's required an  
engineered solution; 3  
days of traffic control



- **Cherry Hills Assisted Living, University @ deKovend Park**
  - Stream work completed; LOMR review in process
    - ✦ Vertical can begin as soon as 'approved' for submittal to FEMA
- **Arapahoe Road Widening, Waco to Himilaya**
  - Temporary stabilization in key areas as project progresses
  - Foxfield pipe and inlet fix
  - Antelope Creek Box Culvert Xing
- **Marvella Development, Orchard & Quebec**
  - Remaining stream work to be done under UDFCD guidance
  - Managing trades for 60+ homes in progress