8 Typical Construction Activities:

- Construction access, entrance to site, areas designated for equipment parking
- Sediment traps and barriers, basin traps, sediment fences, outlet protection
- Runoff control diversions, perimeter dikes, water bars, outlet protection
- Runoff conveyance systems, stabilize stream banks, storm drains, channels, inlet prot., slope drains
- Land clearing/grading, site preparation (cutting, filling, grading, surface roughening)
- Surface stabilization, temporary and permanent seeding, mulching, sodding, riprap
- Building construction, buildings, utilities, paving
- Landscaping & final stabilization, topsoiling, trees/shrubs, permanent seeding, mulching, sodding, riprap

Scheduling Considerations:

Scheduling Considerations for Construction Activities

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Scheduling Considerations:

This is the <u>FIRST</u> land-disturbing activity. As soon as construction begins, stabilize any bare areas with gravel and temporary vegetation.



Scheduling Considerations for Construction Activities

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Scheduling Considerations:

After the construction site is accessed, install principal basins. Add more traps and barriers as needed during grading.



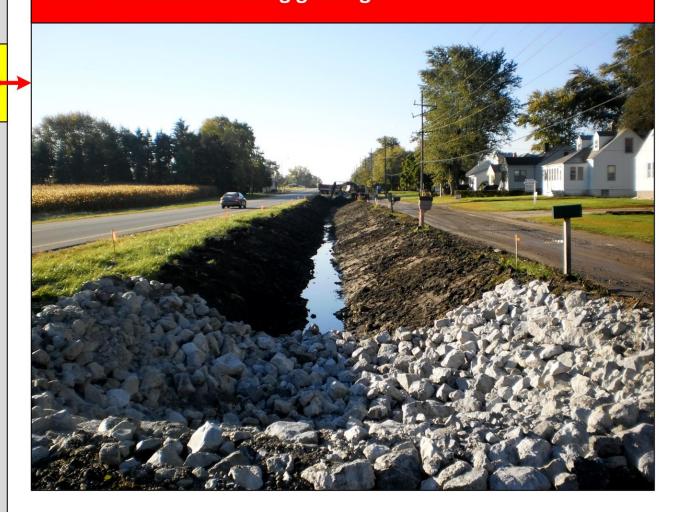
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Scheduling Considerations:

Install key practices after installing principal sediment traps and before land grading. Install additional runoff control measures during grading.



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Scheduling Considerations:

If necessary, stabilize stream banks as soon as possible, and install a principal runoff conveyance system with runoff control measures. Install the remainder of the systems after grading.



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Scheduling Considerations:

Implement major clearing and grading after installing principal sediment and key runoff-control measures, and install additional control measures as grading continues. Clear borrow and disposal areas as needed, and mark trees and buffer areas for preservation.



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Scheduling Considerations:

Apply temporary or permanent stabilizing measures immediately to any disturbed areas where work has been either completed or delayed.



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Scheduling Considerations:

During construction, install any erosion and sedimentation control measures that are needed.

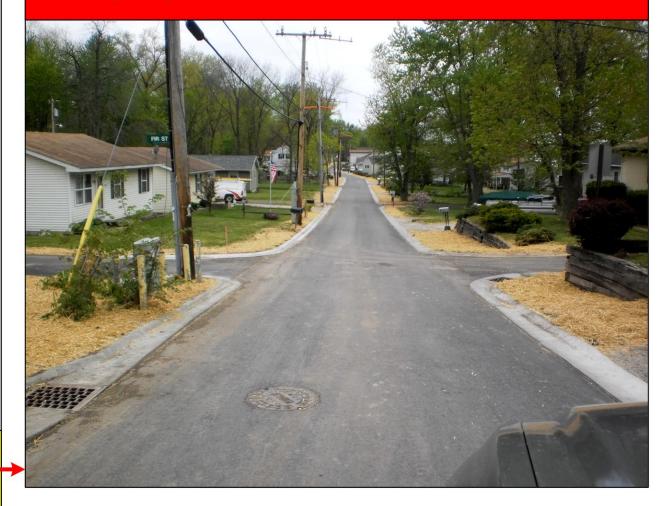


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Scheduling Considerations:

This is the last construction phase. Stabilize all open areas, including borrow and spoil areas, and remove and stabilize all temporary control measures.



Landscaping & final stabilization, topsoiling, trees/shrubs, permanent seeding, mulching, sodding, riprap

Site Stabilization

70% or more cover (minimum density

- Permanent vegetation
- Permanent non-erosive material

Bonus!! Lots are more saleable!!



Which would you choose?





Best Management Practices

- Best Management Practices (BMPs) are tools used to reduce or prevent water pollution.
 - Erosion Control BMPs are used to protect disturbed soils from being washed off by rainfall and/or runoff.
 - Sediment Control BMPs are used to trap sediment carried by runoff and keep it on the construction site.
 - Waste Management BMPs are good housekeeping practices to control trash, chemicals, and debris.

Best Management Practices

- Waste Management BMPs:
 - Debris and trash control use covered trash cans,
 bins, and/or roll-off boxes
 for disposing trash and
 debris.
 - Chemical management follow proper material
 storage and spill cleanup
 procedures for chemicals
 used on construction sites.





Best Management Practices

- Waste Management BMPs (continued):
 - Concrete washout use designated facilities to capture wash water from concrete truck cleaning.





Questions?