

A photograph of a lush green forest with a stream in the foreground. The water is calm and reflects the surrounding trees and foliage. The trees are tall and thin, with dense green leaves. The overall scene is peaceful and natural.

Permitting Process

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Office (ESO)



**DRIVING
FORCE**

Coordination – Early and Often

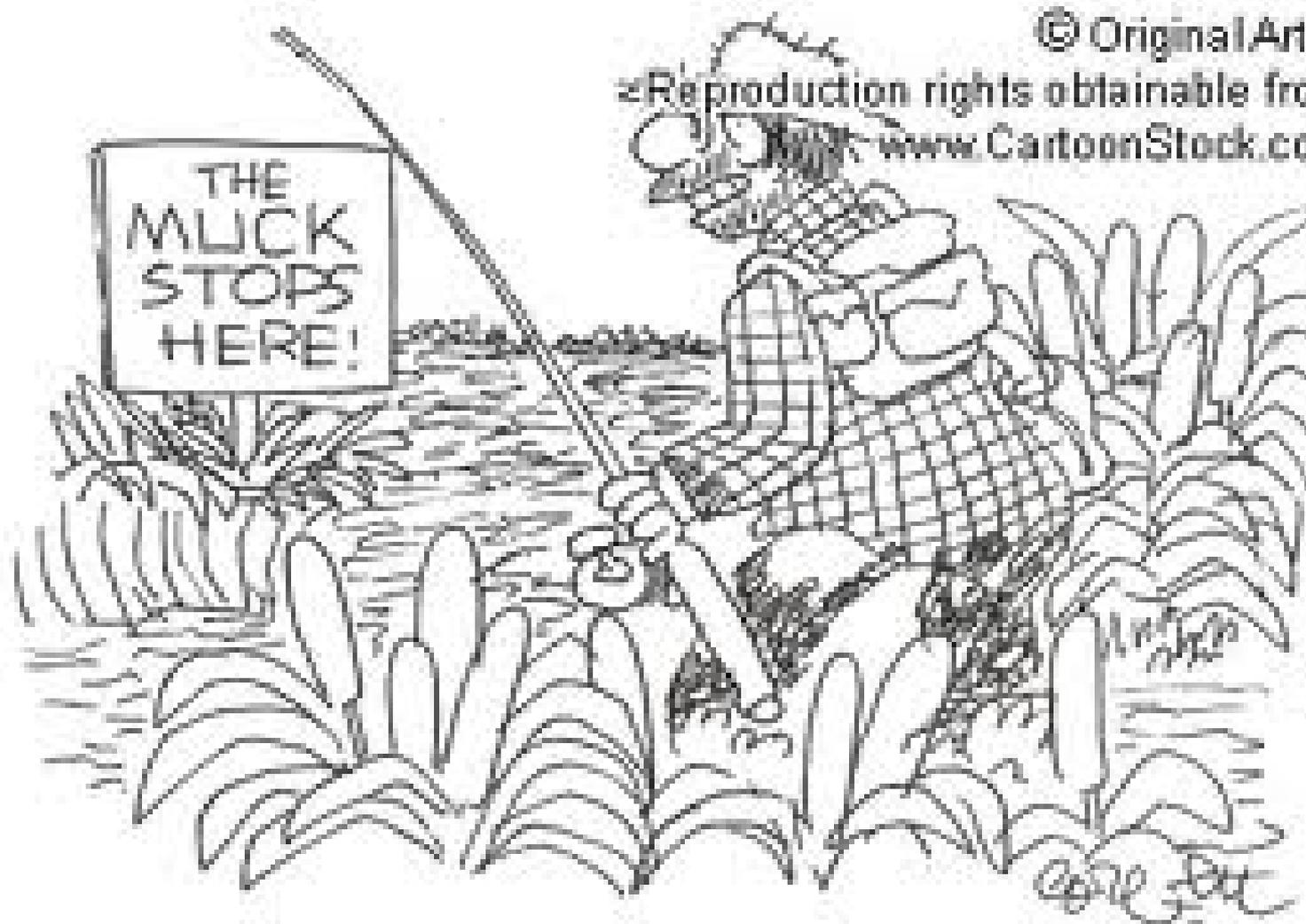
- **Design Projects**
 - Coordination progresses through design plan development
- **Maintenance Projects**
 - Coordination fast tracked with minimal plan development

Maintenance Projects – What information do we need to get started??

- Location Maps
- Location Photos
- Description of existing conditions
- Description of proposed work

First Steps...

- Wetland and Water Resource Identification/Jurisdictional Determinations
 - Review maps/aerial photographs
 - Field reconnaissance
 - Review of existing documentation from other projects in the area
 - Formal delineation of resource boundaries



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Waters & Wetlands

- Options for protection/mitigation include:
 - Avoidance/Minimization
 - Design elements
 - Restriction of access
 - Stream Restoration
 - Wetland Restoration
 - Wetland Creation

Plants, Birds, Fish, Reptiles and...



Mammals...Oh My!!!



Plants

- Agencies:
 - DNREC Natural Heritage Program
 - U.S. Fish and Wildlife Service
- Survey of project area
- Options for species protection/mitigation include:
 - Protective fencing to restrict access
 - Relocation of the population outside of the LOC





Birds

- Agencies:
 - DNREC Natural Heritage Program
 - U.S. Fish and Wildlife Service
- Protected under the Migratory Bird Treaty Act (MBTA)
- Options for species protection/mitigation include:
 - Time of year restriction
 - Placement of netting



Fish

- Agencies:
 - DNREC Fish & Wildlife Section
 - DNREC Natural Heritage Program
 - U.S. Wildlife Service
 - Natural Marine Fisheries
- Options for species protection/mitigation include:
 - Time of year restrictions
 - Construction of low flow channel
 - Bury riprap and backfill with channel bed fill materials
 - Lower invert of one pipe when placing multiple pipes
 - Implementation of proper sediment and erosion control measures





Reptiles - Bog Turtle

- Agencies:
 - DNREC Natural Heritage Program
 - U.S. Fish and Wildlife Service
- Phase I and II Surveys
- Options for species protection/mitigation include:
 - Time of year restrictions
 - “Turtle Wrangler” on site during construction
 - Implementation of proper sediment and erosion control measures

Cultural Resources: Archaeology and Historic Standing Structures

- Agencies:
 - State Historic Preservation Office
 - Advisory Council on Historic Preservation
 - Federal Highway Administration
- Cultural Resource Surveys
- Options for protection /mitigation include:
 - Avoidance/minimization
 - Restriction of access
 - Recordation
 - Data Recovery



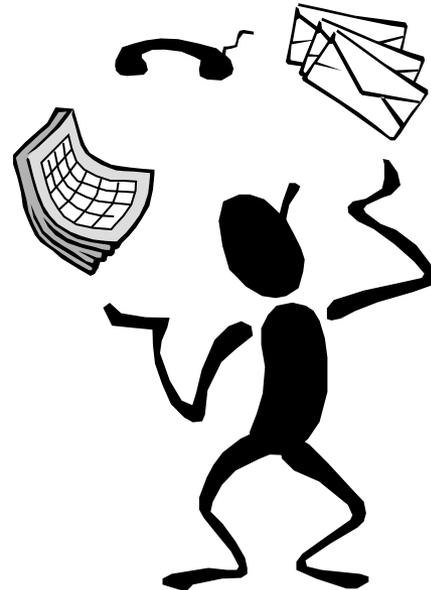
How will I know?

- Design Projects:
 - Environmental Compliance Sheets
 - Environmental Statement
 - Permits Arrival Notifications (PAN)
- Maintenance Projects:
 - Notice to Proceed Documentation



Timeframes

- Projects requiring formal written permit authorization
 - 4-6 months
- Permit Modifications to formal permits
 - 2-4 weeks
- Projects not requiring formal written permit authorization
 - Priority Status Rating:
 - Failure/Imminent Failure
 - 1-2 days
 - Critical
 - 1-2 weeks
 - Normal
 - 30-45 days





Call Us!



Please Call Us With
Questions!!

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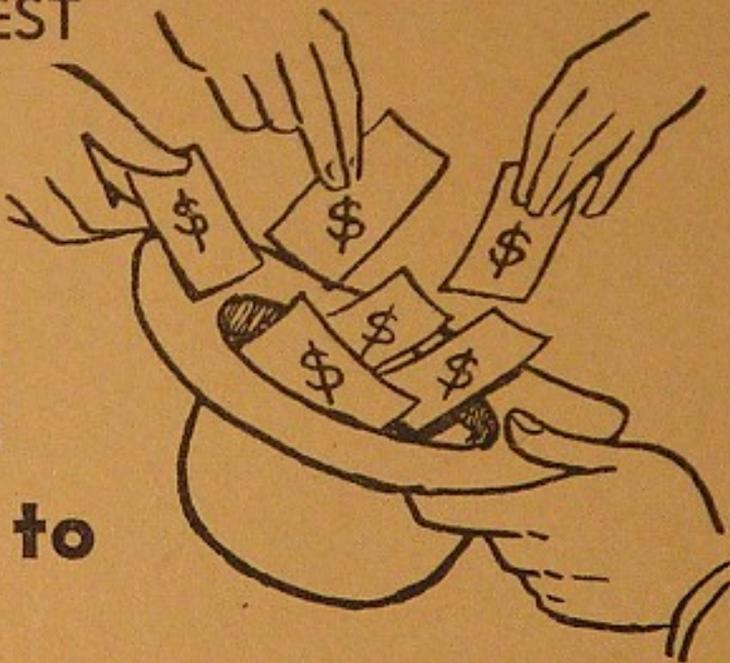




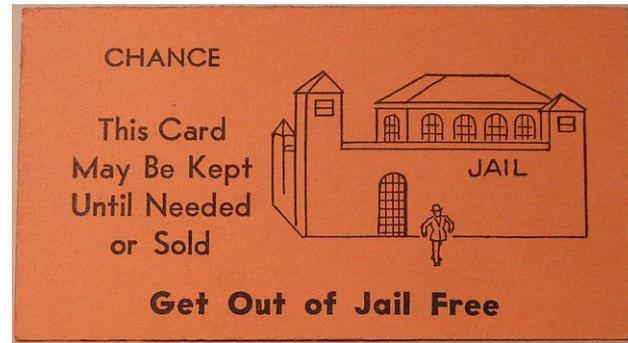
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COMMUNITY CHEST

**A Collection
Has Been
Taken Up and
Everyone Must
Donate 10% of
His Holdings to
You (Cash)**



NO BAIL OUTS!!



- BUT I WILL PROVIDE CIGARETTES TO TRADE!!

