



# WATER QUALITY

NDOT's Stormwater Management Program



## NDOT's Stormwater Management Hydraulic Facilities



# WATER QUALITY

NDOT's Stormwater Management Program

## Mapping Inventory of Hydraulic Facilities

### Introduction

An effort is underway to identify all hydraulic facilities within NDOT right-of-way that conveys stormwater. From old construction contracts to survey and design files, information is being collaborated from multiple sources into a GIS database to use for future design, analysis and reporting purposes. Major pipe and culvert outfalls are being verified and assessed for scour potential, impact to adjacent waterways and environmental red flags. As part of this task, NDOT is collecting information on pipes/culverts, drop inlets, manholes, special concrete structures, and stormwater basins.

# WATER QUALITY

NDOT's Stormwater Management Program



## Pipes / Culverts



## Drop Inlets



# WATER QUALITY

NDOT's Stormwater Management Program

## Manholes



Special Concrete Structures (i.e. energy dissipators, water quality vaults, etc.)



# WATER QUALITY

NDOT's Stormwater Management Program

Storm Water Basins (i.e. detention basins, wetlands, etc.)

