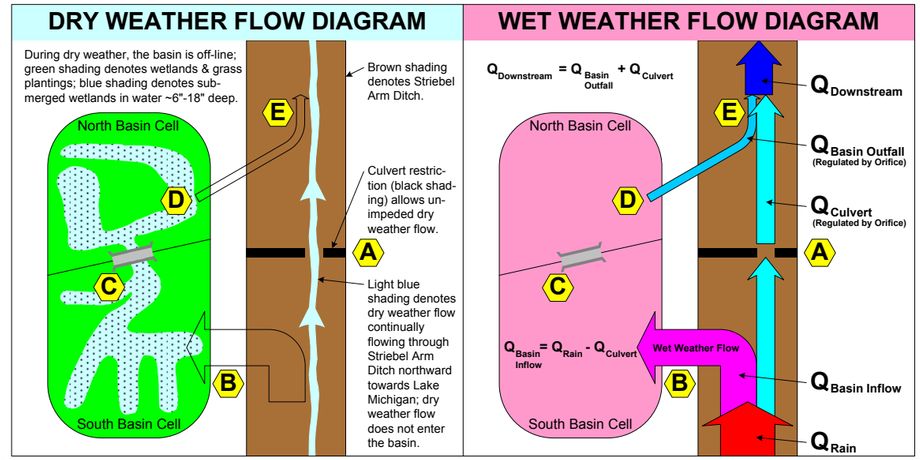
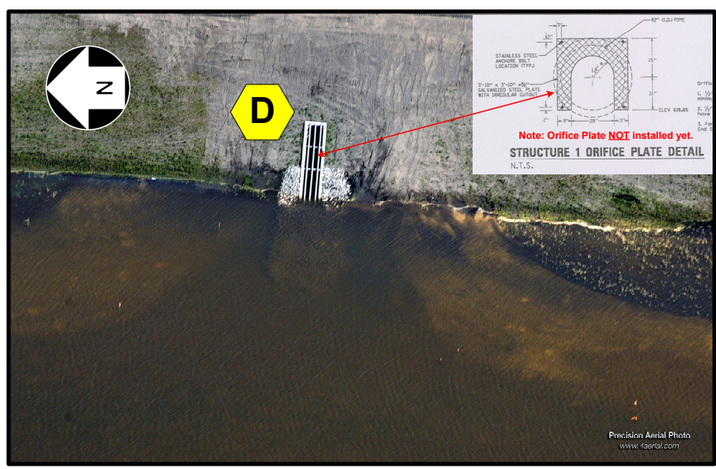
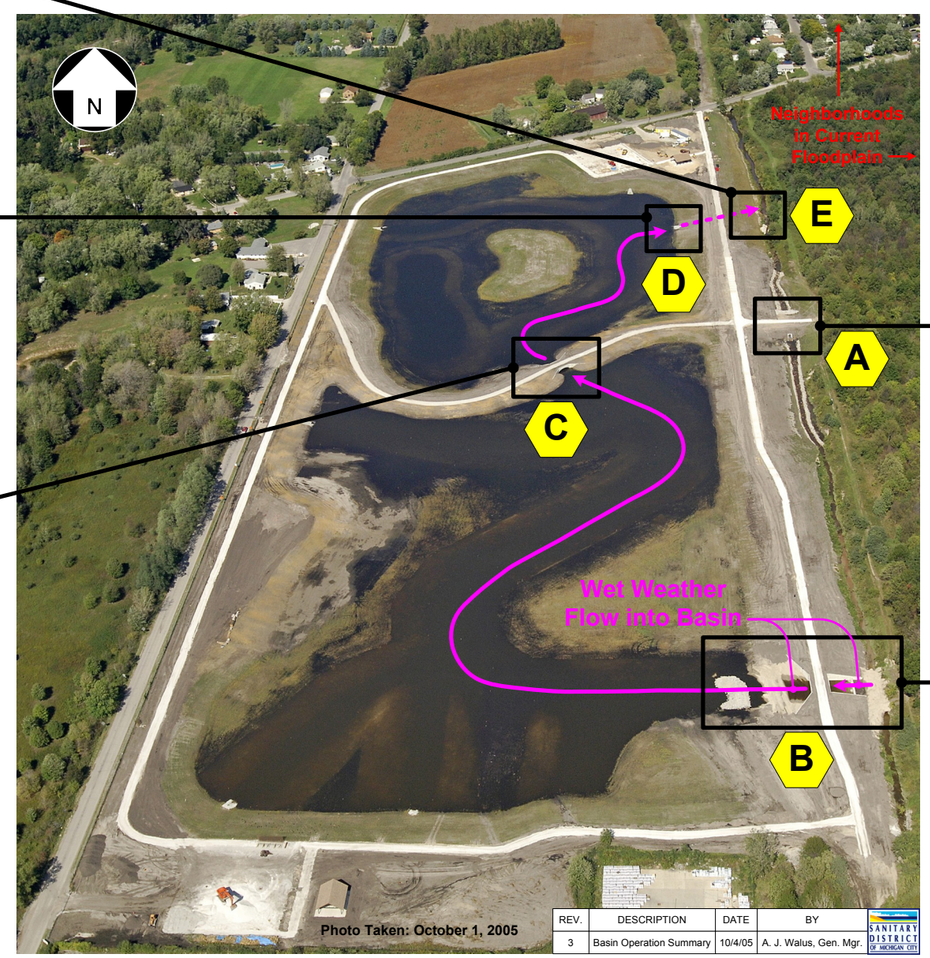
# The Michigan City, Indiana, Earl Road Flood Control Basin: A 48-Acre Off-Line Basin with an 81,500,000 Gallon Storage Capacity

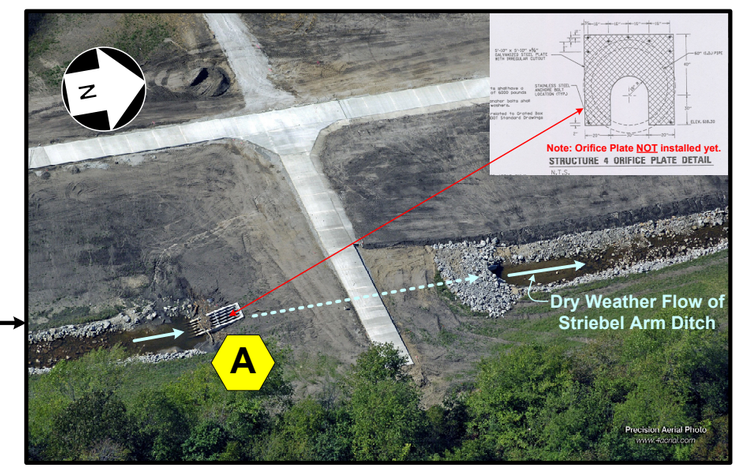
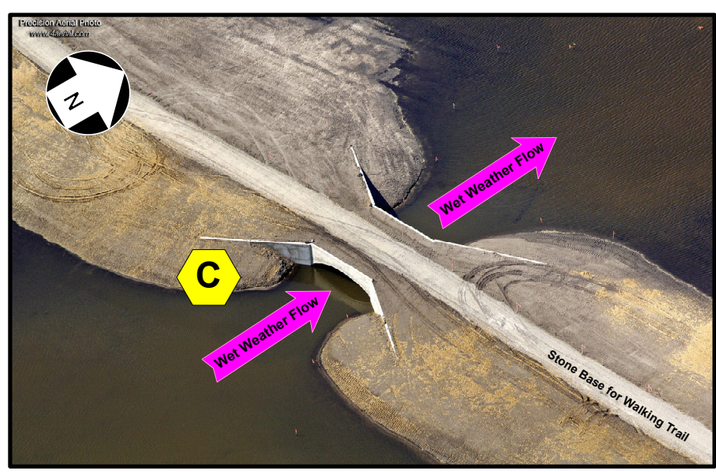
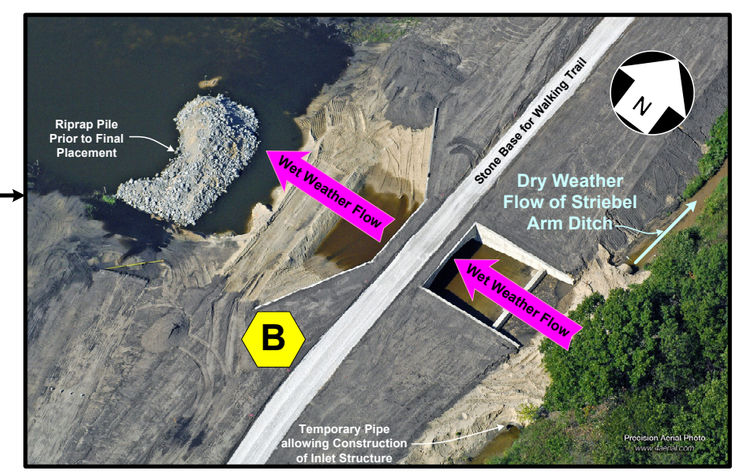



## Wet Weather Operation

- The new culvert restriction at Point A in Striebel Arm Ditch will control the flow rate of water downstream of this location.
- During a rain event, the culvert restriction will back up water into the basin through the new inlet structure constructed at Point B.
- Storm water will "flow" in a sense from the southern half of the basin towards the northern half of the basin through the new pedestrian bridge installed at Point C.
- The basin's outfall structure at Point D will allow a controlled amount of flow out of the basin and back to Striebel Arm Ditch at Point E, a location that is downstream of the culvert restriction.




| REV. | DESCRIPTION | DATE | BY |
|---|---|---|---|
| 3 | Basin Operation Summary | 10/4/05 | A. J. Walus, Gen. Mgr. |

SANITARY DISTRICT OF MICHIGAN CITY