

## **IX. OPINION OF PROBABLE COSTS**

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**The items for which Wood Rodgers has included costs in this report are as follows:**

**C. Drainage channels and interim overflow channel.**

- **Detention basins.**
- **Inlet and outlet structures for detention basins.**
- **Storm drainage pump stations.**
- **Culvert improvements for creeks crossing under existing roadways and railroad.**
- **Drainage parkway improvements for a portion of the joint use pedestrian/bicycle path only.**

**A summary of the Opinion of Probable Costs prepared for the items listed is presented in Table 8. For cost-accounting purposes, presented on Figure 31 are the project numbers associated with various drainage facilities. A breakdown of the costs, according to project numbers, is provided in Appendix E.**

**The costs for design, engineering, and contingencies for these items are also included. Construction contingencies are estimated at 20 percent. The costs for engineering are estimated at 15 percent of the total construction cost including the contingency.**

**The costs associated with developing other portions of the drainage facilities were prepared by various consultants involved in the planning and development for the NVSSP area. Those features include the storm drain pipe system, land acquisition, wetland mitigation, and improvements to creek crossings at roads surrounding the NVSSP area.**