

## **Americana Bayside Sewer Re-route**

### **Narrative Summary**

Gravity sewer re-route via force main under the parking lot on Parcel 864.00 to avoid county sewer from being located on Freeman Arts Pavilion Parcel 881.00 (privately owned).

Design consists of re-routing the gravity sewer located within previous Lakeview Drive right-of-way, which has been conveyed to the Freeman Arts Pavilion for their use of an amphitheater with associated pedestrian walks, access roads and steep slopes. The proposed force main will connect to the existing force main, currently serving the Clubhouse and Village A and discharge into an existing manhole on Americana Parkway. The existing gravity sewer and cleanouts within the Freeman Arts Pavilion will remain and continue to be used for the parcels' sewer needs. Re-routing the force main allows the County to maintain the sewer appropriately.

Design consists of 24 linear feet of 8" PVC SDR35 gravity sewer pipe, 7 linear feet of 6" PVC SDR26 gravity sewer pipe, and (1) one 4-foot discharge manhole to serve the existing parcels within the development via open cut trench.

Force main sewer consists of 474 linear feet of 4" HDPE pipe installed via directional drill and open cut trench.

Manholes shall be installed with 24 feet of separation. All gravity sewer shall be installed within the bounds of the development. The existing gravity sewer resides in the Sussex County Unified Sewer District and eventually discharges into the South Coastal Wastewater Treatment Facility.

Limits of pavement restoration shall be as shown on the drawings. All pavement restoration will be in accordance with the DelDOT standard specifications. Legal holidays and/or Sunday work within State right-of-way will not be permitted without prior written request and approval.