



June 13, 2019

## Highway sound barrier mitigates traffic noise from entering Maryland development

AIL Sound Walls recently completed a set of two large noise barrier walls that form a 1,905' sweeping curve around The Crescents at Largo Town Center — a mixed garage townhome and apartment development in Largo, Maryland. The sound barrier mitigates unwanted traffic noise from the adjacent interchange of routes 203 and 214.



### Project at a glance:

**Name:** The Crescents at Largo Town Center

**Location:** Largo, Maryland

**Owner:** Largo Land Development, LLC

**Engineer:** Dewberry

**Acoustic Engineer:** Phoenix Noise & Vibration

**Contractor:** Hardscapes Construction, Inc.

**Product:** Tuf-Barrier (Reflective)

**Sector:** Residential Development

**Application:** Residential Development Sound Walls

**Dimensions:** Length 1,905', Height 10'-15'

Prince George's County had strict aesthetic requirements we had to meet. We worked closely with the consultant, Dewberry, to provide aesthetic options that would meet those requirements. The selected Tuf-Barrier (Reflective) sound barrier option features our embossed wood grain texture in both our Abobe-colored panels and the Tan-colored posts, flange covers and caps.

### **Our noise barrier walls accommodate on-site water and drainage lines**

We also collaborated with Dewberry to find the optimal layout for the sound barrier wall that would avoid the various on-site water and drainage lines on the site. Fortunately, this is easier done with our lighter weight PVC systems, which have smaller foundation requirements.

We provided structural design and submittal drawings for the owner to obtain their permit with the County and, once approved, we moved into manufacturing and sequenced the delivery of our acoustic panels, posts and anchor bolts with the schedule set out by the contractor, Hardscapes Construction.

AIL Sound Walls are available in six pleasing neutral colors including our newer wood grain colored and textured finishes.



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