



Highland City Administration Department  
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## Mitchell Hollow Trail – Questions & Answers

Date: December 3, 2025

### 1. What materials are acceptable for the retaining wall base—crushed gravel or concrete?

**Response:** The *Modular Block MSE Wall Typical Section (DT-03)* allows either crushed gravel or concrete. For the wall near **9600 (bordering the Pace parcel)**, **crushed stone is recommended** due to the small quantity required.

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### 2. How should contractors base the bid on square footage for the retaining walls?

**Response:** Bids should be based on **exposed face area**. Contractors must include the **1-foot buried face** at the base of the wall and any additional exposed area at stepped wall tops. Providing wall details and profiles to a fabricator—such as **Olympus Precast** (Verti-Block system)—will help ensure accurate pricing.

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### 3. How should contractors bid the depth of helical piers?

**Response:** Anticipate **6–12 feet** of depth depending on location. The geotechnical report notes **hard/rocky soils** at shallow depths that may limit embedment.

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### 4. Will the contractor be required to provide structural engineering?

**Response:** Yes. Per the specifications, the **fabricator must provide design calculations and working drawings** for:

- Block walls
- MSE wall
- Boardwalk
- Helical piers
- Railing

These must be submitted to **Highland City** and the **Engineer of Record (EOR)** for review and acceptance prior to ordering materials.

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### 5. How are pier caps connected to the beams?

**Response:** Pier caps are **bolted to the precast beams**. Permatrak details have been referenced; bolts connect through the manufacturer's **slotted holes**.

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### 6. Is load testing required for the helical piers?

**Response:** Follow the project specifications. **Load testing is not anticipated.**

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**7. Has the boardwalk already been purchased by the owner, and who is the manufacturer?**

**Response:** The boardwalk has **not been purchased**. Initial layout and loading were coordinated with **John Pyle (jpyle@permatrak.com)** at **Permatrak**, but per specifications the **contractor must purchase the system**.

The contractor must also coordinate design and working drawings for the **boardwalk, railing, and helical piers** to ensure proper fit.

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**8. Will CAD files be provided?**

**Response:** Yes, CAD files can be provided.

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**9. What is the engineer's estimate to allow contractors to prepare bid bonds?**

**Response:** The projected project value is **\$2.3 million**.

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**10. Clarification on the required boardwalk width: Sheet T-03 shows a total width of 14'-0. Sheet BW-01 shows a total width of 13'-3, Which one governs?:** The BW series of sheets will govern the boardwalk.