

<b>DOCUMENT NUMBER</b> <b>Notice 7714-B</b>	<b>DATE OF ISSUE</b> <b>February 14, 2026</b>
<b>ISSUING DEPARTMENT</b> Sublayer Infrastructure & Integration	<b>CLASSIFICATION</b> INTERNAL — For distribution to Phase I project leads only
<b>PREPARED BY</b> R. Calloway, Senior Survey Engineer	<b>REVIEWED BY</b> Office of the Director — PENDING

**RE: Suspension of Geological Survey Operations — Breakneck Railroad Corridor (Phase I, Segment 7-C)**

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**1. PURPOSE**

This notice formally documents the suspension of all active geological survey operations along the Breakneck Railroad corridor, specifically within Segment 7-C as defined in the Phase I construction plan dated September 2025. Suspension is effective as of February 11, 2026, pending review by the Office of the Director and resolution of the anomalies described herein.

**2. BACKGROUND**

Geological survey operations along the Breakneck Railroad corridor commenced on January 6, 2026, in accordance with standard pre-construction soil and subsurface assessment protocols. Survey teams were tasked with verifying subsurface stability at a depth range of 18–42 feet across a 1.4-mile stretch between the identified terminus of the Breakneck Railroad dashed segment and the preliminary boundary of the proposed Union Grain Mill demolition zone.

The Breakneck Railroad corridor was flagged for additional survey work following the discovery of irregular subsurface readings during Phase 0 assessment in November 2025. Those readings were attributed at the time to legacy infrastructure from the Union Grain Mill operation and were not considered anomalous. The Phase I survey was intended to confirm this interpretation prior to boring machine deployment.

**3. SURVEY FINDINGS**

**3.1 Soil Composition (Sites A and B)**

Survey sites A and B, located at the northern and central sections of Segment 7-C respectively, returned soil composition results within expected parameters for the region. Subsurface stability readings are consistent with prior assessment data. No remediation is required at Sites A or B prior to boring machine deployment. These sites are cleared for Phase I construction pending resolution of the issues described in Section 3.2.

**3.2 Soil Composition (Site C) — ANOMALOUS**

Survey Site C, located at the southern terminus of Segment 7-C (coordinates: 36.1156° N, 96.1078° W), returned results that do not conform to any known geological profile for the Sagamore County region or the broader northeastern Oklahoma substrate.

Specific anomalies identified at Site C are as follows:

- (a) Subsurface void detection at depths of 38–41 feet. Void dimensions are inconsistent with naturally occurring karst formations. Preliminary assessment suggests a void structure with a regular geometric profile. Further analysis is required to determine origin.
- (b) Soil core samples from depths below 35 feet contain an unidentified organic compound that does not match any substance in the SCTA laboratory reference database. Samples have been forwarded to the University of Oklahoma Department of Geology for independent analysis. Results are expected within 6–8 weeks.

(c) Survey equipment operating at depths below 36 feet has exhibited consistent malfunction across multiple deployment attempts. Failures are not attributable to equipment age or operator error. The nature of the interference is under investigation.

(d) Temperature readings at Site C below 34 feet are anomalously low and do not correlate with ambient surface temperature or expected geothermal gradient for this region. The lowest recorded reading was 38°F at a depth of 40 feet on February 9, 2026. Ambient surface temperature at time of reading: 61°F.

#### 4. RECOMMENDED ACTIONS

Based on the findings described in Section 3.2, this office recommends the following:

- (1) Immediate suspension of all survey and pre-construction activity within a 200-foot radius of Site C until anomalies are resolved.
- (2) Engagement of an independent geological contractor to conduct supplementary void assessment at Site C. Contractor selection is subject to Director approval.
- (3) Retention of all soil core samples from Site C pending independent laboratory analysis. Samples are not to be discarded or relocated without written authorization from the Office of the Director.
- (4) Review of Phase 0 assessment data for the Breakneck corridor to determine whether the November 2025 readings were incorrectly attributed to legacy mill infrastructure.
- (5) Notification of affected Phase I construction contractors that Segment 7-C timelines are under review. Estimated delay: 6–8 weeks from date of this notice.

#### 5. PERSONNEL UPDATE

Survey team Alpha (lead: T. Bascom; members: D. Reyes, P. Okafor, W. Lund) conducted the final assessment of Site C on February 10–11, 2026. The team entered Site C at approximately 14:30 on February 11 to retrieve equipment left during the previous session.

**As of the date of this filing, Survey Team Alpha has not returned from Site C.**

A secondary team (lead: M. Garrett) was dispatched to Site C on the morning of February 12 to locate Team Alpha and recover equipment. This notice is being filed prior to the return of the secondary team. An addendum will be issued upon their return.

#### 6. PUBLIC COMMUNICATIONS

For the purposes of public-facing communications, the suspension of Breakneck Railroad corridor operations should be described as a geological survey delay consistent with standard pre-construction protocol. No further detail is required at this time. The SCTA communications office has been briefed accordingly.

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