



Date of Memo: August 08, 2023  
Current Meeting: August 17, 2023  
Board Meeting: August 23, 2023

**BOARD MEMORANDUM**

**TO:** Indianapolis Public Transportation Corporation (IPTC) Board of Directors  
**THROUGH:** President/CEO Inez P. Evans  
**FROM:** Chief Development Officer Jennifer Pyrz, PE  
**SUBJECT:** Consideration and approval of Purple Line change order for poor soil conditions

---

**ACTION ITEM A – 5**

**RECOMMENDATION:**

In a manner consistent with IPTC contract award standards, it is requested that the Board authorize IPTC’s President/CEO to execute a contract change order (CCO) with Crider and Crider, Inc. for an amount of \$268,929.03 to cover costs associated with remediation of poor soils on the Purple Line Bus Rapid Transit (BRT) construction project.

**BACKGROUND:**

IPTC entered into contract in December 2021 with Crider and Crider, Inc. to construct Package A of the Purple Line Bus Rapid Transit Project and with F.A. Wilhelm Construction Co., Inc. to construct Package B. Original contract award amounts were \$95,662,258.74 for Package A and \$18,187,000.00 for Package B for a combined total of \$113,849,258.74. Construction started in Spring 2022 and will be completed in Summer 2024. Construction is approximately 55% complete.

Also in December 2021, the Board authorized President/CEO Inez Evans to approve change orders of \$250,000 or less through construction of the Purple Line BRT project. Change orders greater than \$250,000 require board approval.

**DISCUSSION:**

For sections of the Purple Line where asphalt pavement is being fully reconstructed, the existing pavement and soils are being removed to the bottom of the proposed subgrade treatment and the in-place soil material is then leveled and compacted. Testing is then performed by means of a proof roll to determine the stability of the existing material. In a section of the Purple Line between Keystone Avenue and Emerson Avenue, the proof roll testing revealed unstable materials that needed to be removed and replaced with compacted aggregate.

This change order covers work required to remediate poor soils between Keystone Avenue and Emerson Avenue during Phase 1 of construction. Phase 1 work was conducted in the westbound lanes of 38<sup>th</sup> Street. The entire area did not require treatment. As a section was completed down to the bottom of the subgrade treatment and proof rolled, the Construction Management team’s inspectors would identify the areas that failed and determine the amount of treatment needed.

Using already-contracted unit prices and actual quantities of work required to remediate, the total cost of required soil remediation for this initial phase of construction between Keystone and Emerson Avenues is \$268,929.03.

Subsequent phases of construction in this segment have also encountered poor soil conditions that require remediation. The Board will be informed of any additional change orders required to repair the subgrade in the eastbound lanes of 38<sup>th</sup> Street.

**ALTERNATIVES:**

This work is required to build the Purple Line as designed. Without soil remediation, the pavement in this area will not withstand projected traffic loads.

**FISCAL IMPACT:**

This work will be funded from the contingency budget of the Purple Line BRT grant funds. The overall project budget includes contingency funds that were set aside for unforeseen project needs such as this. The amount of this change fits within the available contingency budget.

**DBE/XBE DECLARATION:**

The Purple Line is a Federally funded project and is thus subject to DBE goals.

**STANDING COMMITTEE DISCUSSION/RECOMMENDATION:**

This action will be reviewed by the Finance Committee August 17, 2023.