

## Observation Report

<b>Project Name</b>	<b>TDOT I-40 Pavement WO1-Benesch</b>		
<b>BFW Project No.</b>	25047	<b>Time</b>	Varies (+ travel)
<b>Weather</b>	Varies	<b>Date</b>	04/28/2025 & 04/29/2025

### Comments

BFW arrived at I-40 in Memphis, TN between Levee Road and North Hollywood Street to obtain asphalt coring samples of existing roadway shoulders.

Cores were taken on the right shoulder of the East and West bound lanes.

**Core #1 – West Bound I-40 (35.19242°N, 89.98379°W)**

- Asphalt was measured to be 5” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #2 – West Bound I-40 (35.19298°N, 89.99313°W)**

- Asphalt was measured to be 4-3/4” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #3 – West Bound I-40 (35.19220°N, 90.00651°W)**

- Asphalt was measured to be 5-1/2” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #4 – West Bound I-40 (35.19190°N 90.01132°W)**

- Asphalt was measured to be 4-3/4” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #5 – West Bound I-40 (35.19027°N, 90.01699°W)**

- Asphalt was measured to be 4-1/2” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #6 – West Bound I-40 (35.18487°N, 90.01806°W)**

- Asphalt was measured to be 6-1/2” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #7 – West Bound I-40 (35.18209°N, 90.01804°W)**

- Asphalt was measured to be 14” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

*Continued on Page 2*

**Comments**

**Core #1 – East Bound I-40 (35.18163°N, 90.01770°W)**

- Asphalt was measured to be 8-1/4” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #2 – East Bound I-40 (35.18555°N, 90.01735°W)**

- Asphalt was measured to be 7-3/4” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #3 – East Bound I-40 (35.19051°N, 90.01265°W)**

- Asphalt was measured to be 5-1/2” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #4 – East Bound I-40 (35.19220°N, 90.00131°W)**

- Asphalt was measured to be 4-3/4” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #5 – East Bound I-40 (35.19256°N, 89.99590°W)**

- Asphalt was measured to be 3-3/4” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #6 – East Bound I-40 (35.19242°N, 89.99207°W)**

- Asphalt was measured to be 5-1/2” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #7 – East Bound I-40 (35.19217°N, 89.98805°W)**

- Asphalt was measured to be 4-3/4” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.

**Core #8 – East Bound I-40 (35.19187°N, 89.98267°W)**

- Asphalt was measured to be 4-1/2” thick. Base material was observed to be a red clay/sand mixture with river rock, approximately 5” thick.



**Photos from 04/28/2025 & 04/29/2025**



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