

# **R-35730 Pre-Bid I-65/I-70 South Split Pavement Lowering Under Virginia Avenue**

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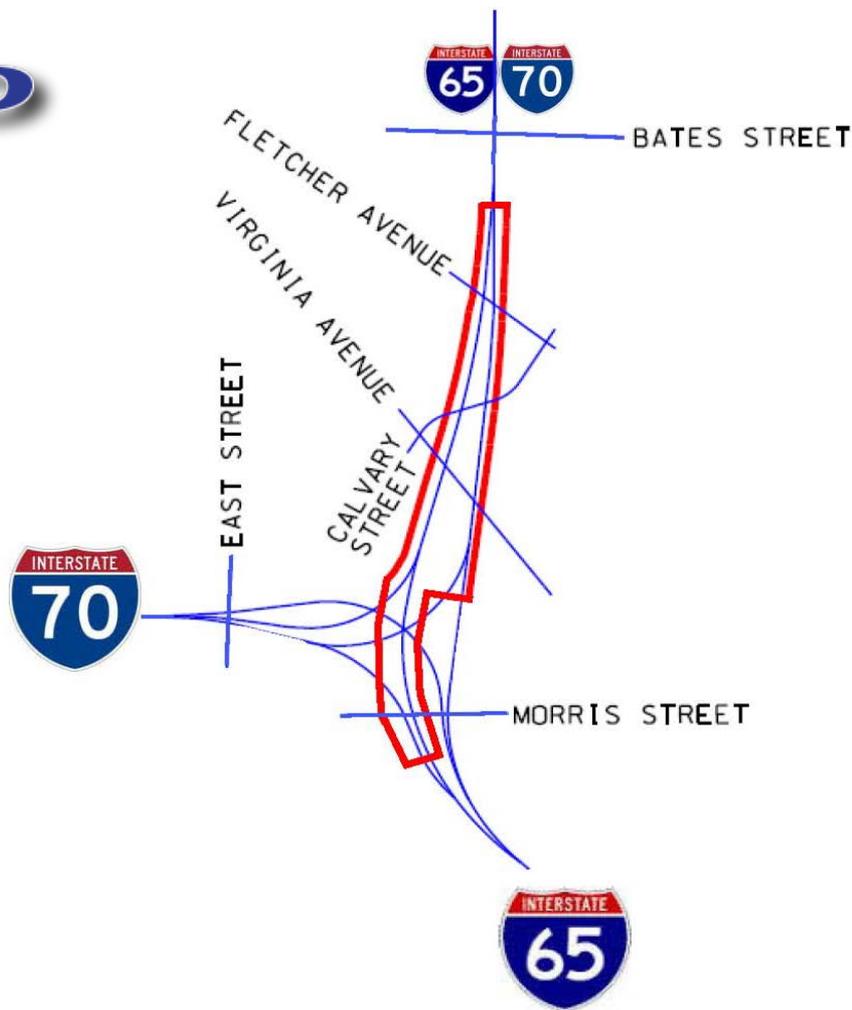


# Project Limits



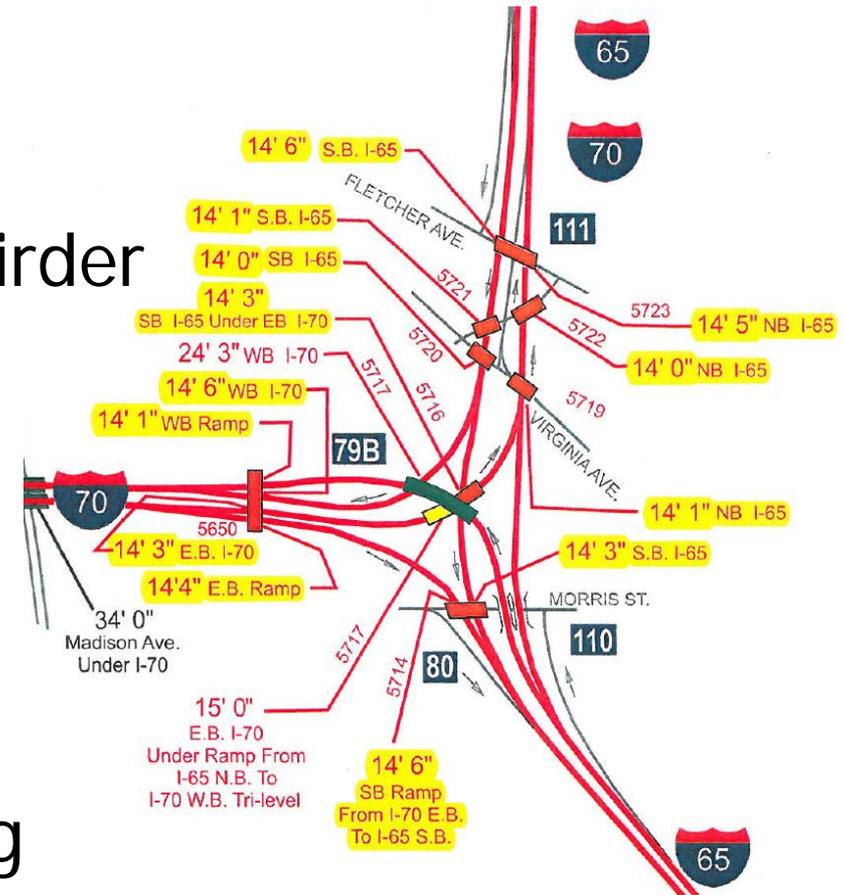
## Goal:

To increase vertical bridge clearances along the South Split corridor



# Project Scope

- Continuously Reinforced Concrete Pavement (CRCP)
- Profile lowering
- Virginia Avenue outside girder replacement
- Drainage improvements
- Modifying overhead signs
- Pine Street restriping
- New York Street restriping



# Preliminary CRCP Design

- 11.5 inches QC/QA CRCP
  - Reinforced in the longitudinal direction with #7 steel bars at 6 ¾" spacing
  - Transverse direction with #5 steel bars at 3' spacing
  - Top of the longitudinal steel installed 3.5" from the top of the pavement
- 330 lb/sy QC/QA-HMA, 5, 64, Base 19.0mm
- 6" of #53 Base – drainable
- Woven geotextile
- Type 1B subgrade treatment



# Preliminary Schedule

- Advertise (July 10<sup>th</sup>); Letting (August 7<sup>th</sup>)
- Close South Split between August 21<sup>st</sup> and September 3<sup>rd</sup>
- South Split open to unrestricted traffic by November 11<sup>th</sup>
- A+B contract. 80 calendar days at \$60,000/day
- Virginia Ave NB and SB steel girders will be procured before letting and delivered to the site on October 1<sup>st</sup>
- Advance warning signs will be installed prior to letting, under an existing contract



# Maintenance of Traffic

- Official detour will use I-465
- EB I-70 to SB I-65 ramp will use temporary pavement to maintain movement
- New York Street will be re-striped to remove bike lane
- Cut-wall is required at the Fletcher Avenue overpass
- Pine Street ramp to I-70 will be widened to two lanes
- Existing Sign Modifications will be the responsibility of this contract



# Utilities

- Citizens siphon is within the project limits and a crossing plan must be developed by the Contractor
- AT&T conduit is suspended from the Virginia Avenue Bridge
- Zayo will relocate lower under I-65/I-70; saw cut and remove pavement
- IPL under I-65/I-70 near Morris Street; saw cut and remove pavement with Type 1C subgrade treatment

