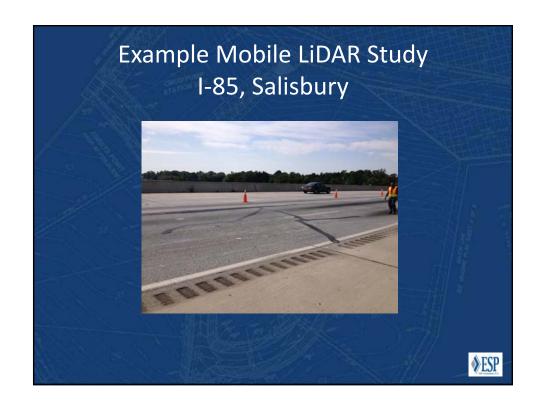


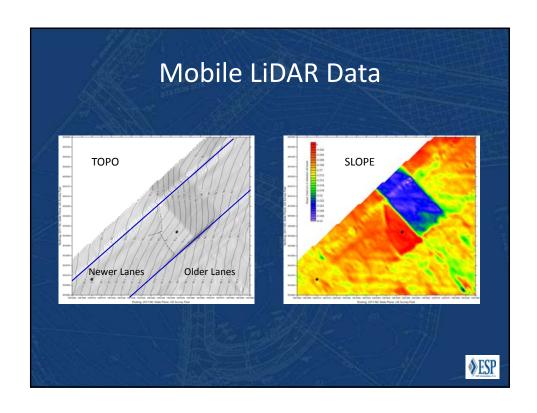
## Conclusions

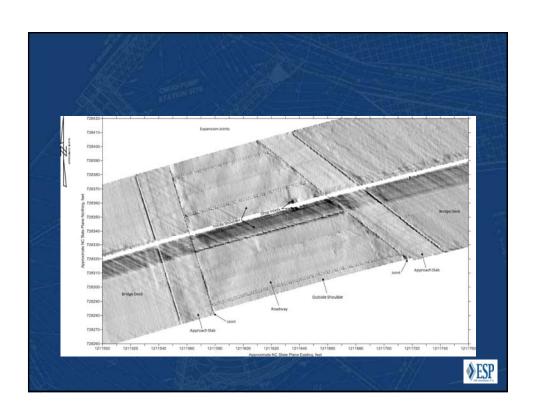
- Voids behind retaining wall formed by water flow into and around areas of slumping/flowable fill during construction before closure pour made.
- Vertical settlement of approach slab caused by loose material left in place during construction.

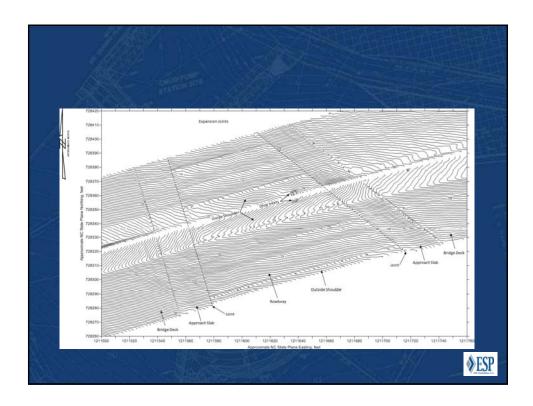


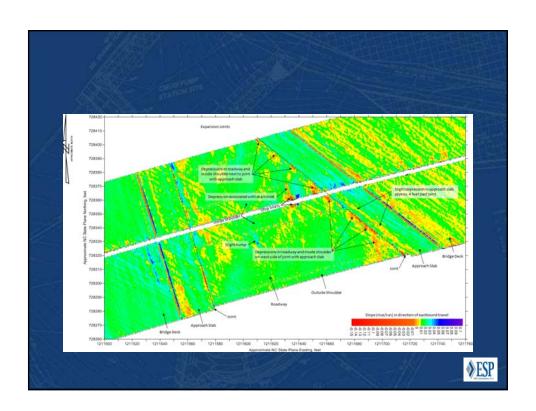


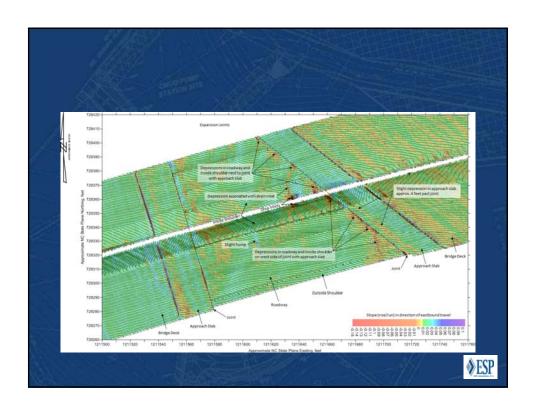












## Repairs - 2016

- Filled voids with 20 CY of foamed concrete
- Milled down roadway to remove bumps and added asphalt overlay
- Monitoring indicates no additional movement



