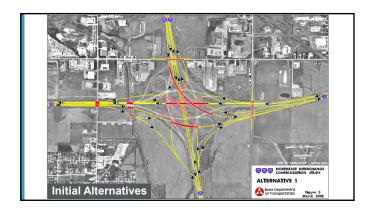
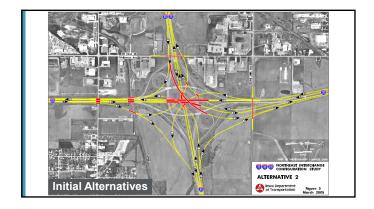
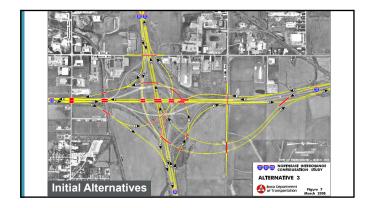
I-35/I-80/I-235 Northe System Interchange Transfo	ast Mixmaster rmation	
FOR CHOWA	September 28, 2022	
<ul><li>01 Project History</li><li>02 Build Alternative</li><li>03 Stage Construction</li></ul>	<ul><li>04 In the Program</li><li>05 Beyond the Program</li></ul>	
<b>01</b> P	roject History	

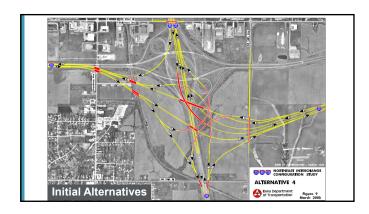


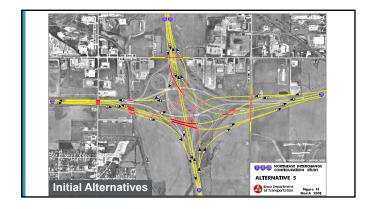
## PROJECT APPROACH Guiding Principals NB-235 to WB-80 loop remain in place Prioritize Movements on I-80, I-35 & I-235 Mainline movements 70mph - directional ramp 60mph design speed Maintain 6 basic lanes in core of the interchange Lane balance provided for all mainline movements

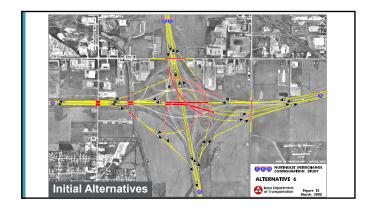


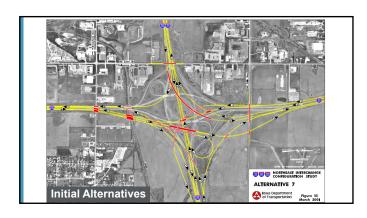


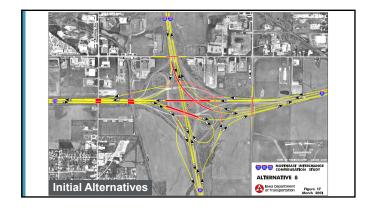


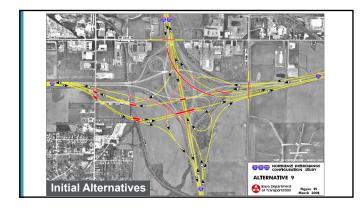


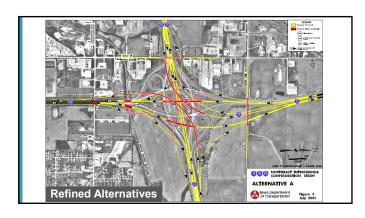




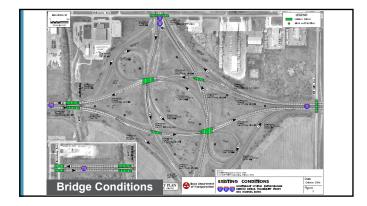




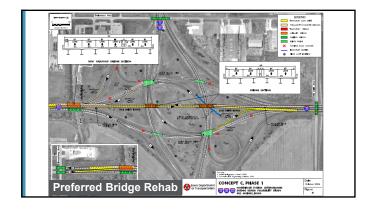


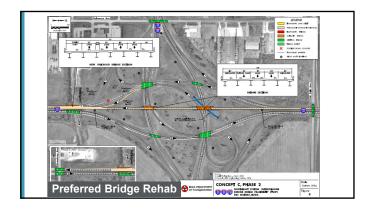




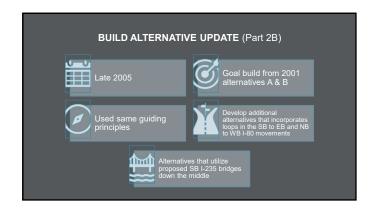




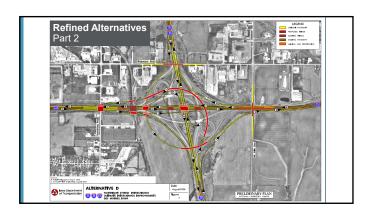














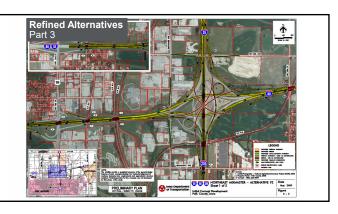


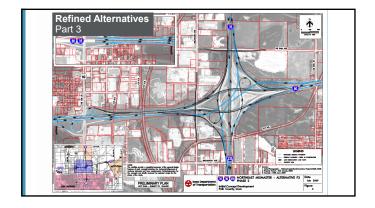
Build Alternative

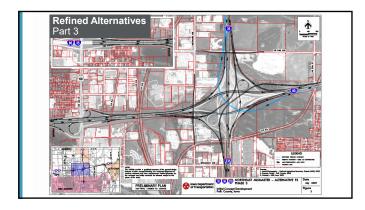
## BUILD ALTERNATIVE UPDATE (Part 3)

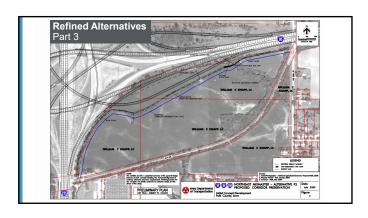
- 2008
- Development pressure in the SE quadrant
- Alternatives developed in 2005 were 2D only – additional detail
- Build off previous Alternative I
- Utilize the 6 new ramp bridges and I-235 bridges over 80 into future build as much as possible
- Consider staging in the geometrics to be phased over time due to funding
- Goal to have Corridor Preservation Zone
   established
- Due to increase in traffic Build Alternative to accommodate future expandability
- 5 basic-lanes in each direction on all four legs (does not include auxiliary lanes)
- 4-lanes in each direction on I-80 in core of the interchange
- 3-lanes in each direction on I-235 in core of the interchange
- · 2-lanes on all flyover ramps
- Flipped shoulder width for inside shoulder to be wider and maintain sight distance in the curve on the bridge

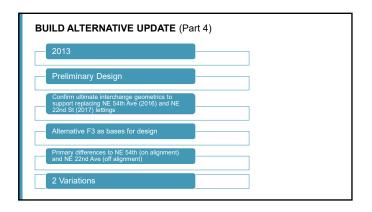






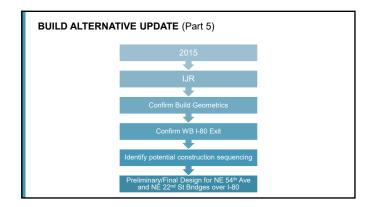






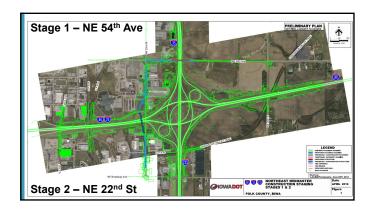




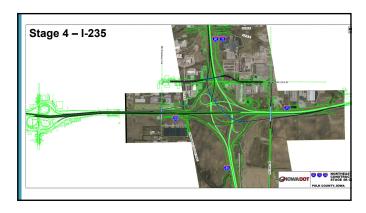


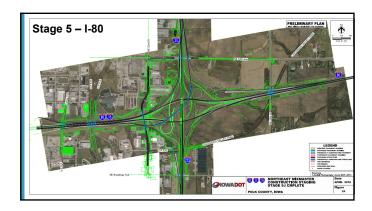


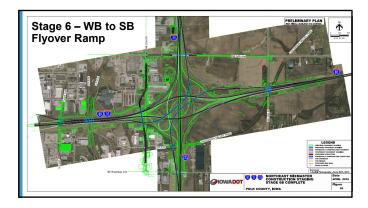
03 Stage Construction

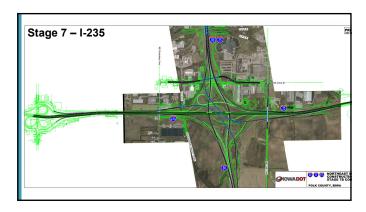














In the Program

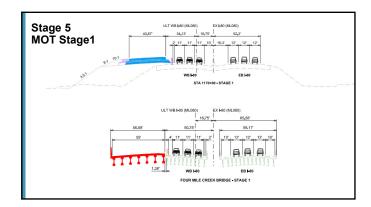


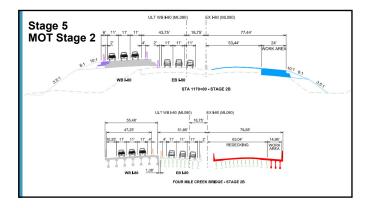


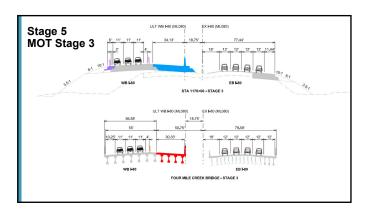


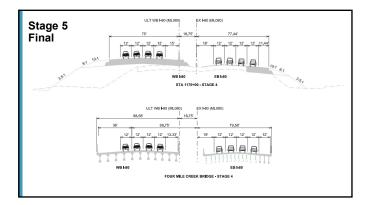
## STAGE 5

- Goal to maintain existing lanes during construction (3-lanes in each direction)
- 29th St and Fourmile Creek existing bridges does not allow to maintain 3-lanes and widen the bridges
- Centerline shift of about 19' north to maintain 3-lanes of traffic during construction
- Add capacity on I-80 by widening 1 lane in both EB and WB direction to 4-basic lanes
- US 65 WB merge adds fourth lane in the WB Direction
- NB 235 to EB I-80 Ramp converted to 2-lane ramp and merge with EB I-80
- Due to bridge conditions over 29th St and 4-mile Creek both will be widened and redecked
- EB I-80 will be overlayed at the same time.









05 Beyond the Program



