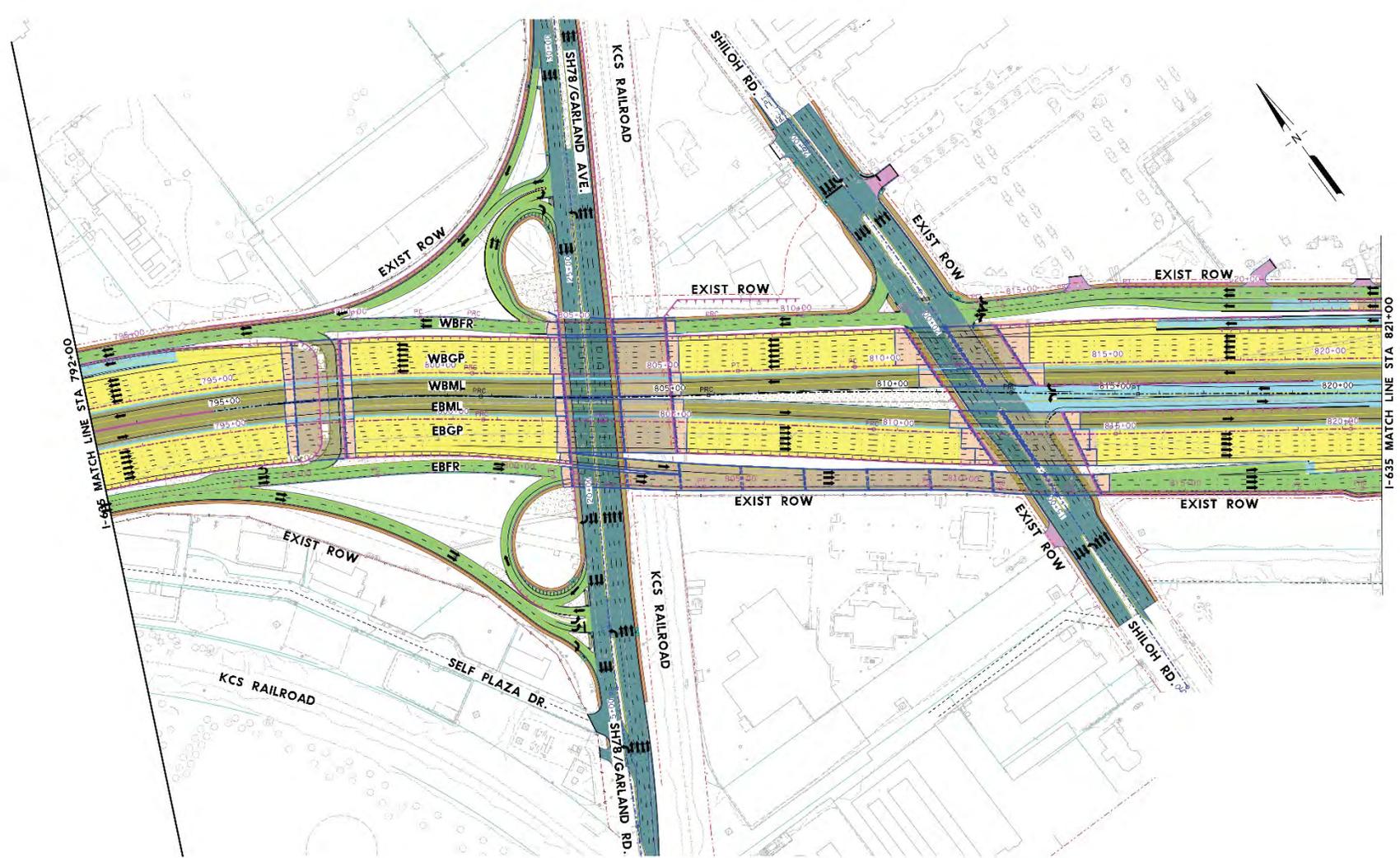




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Garland Ave/635 Interchange

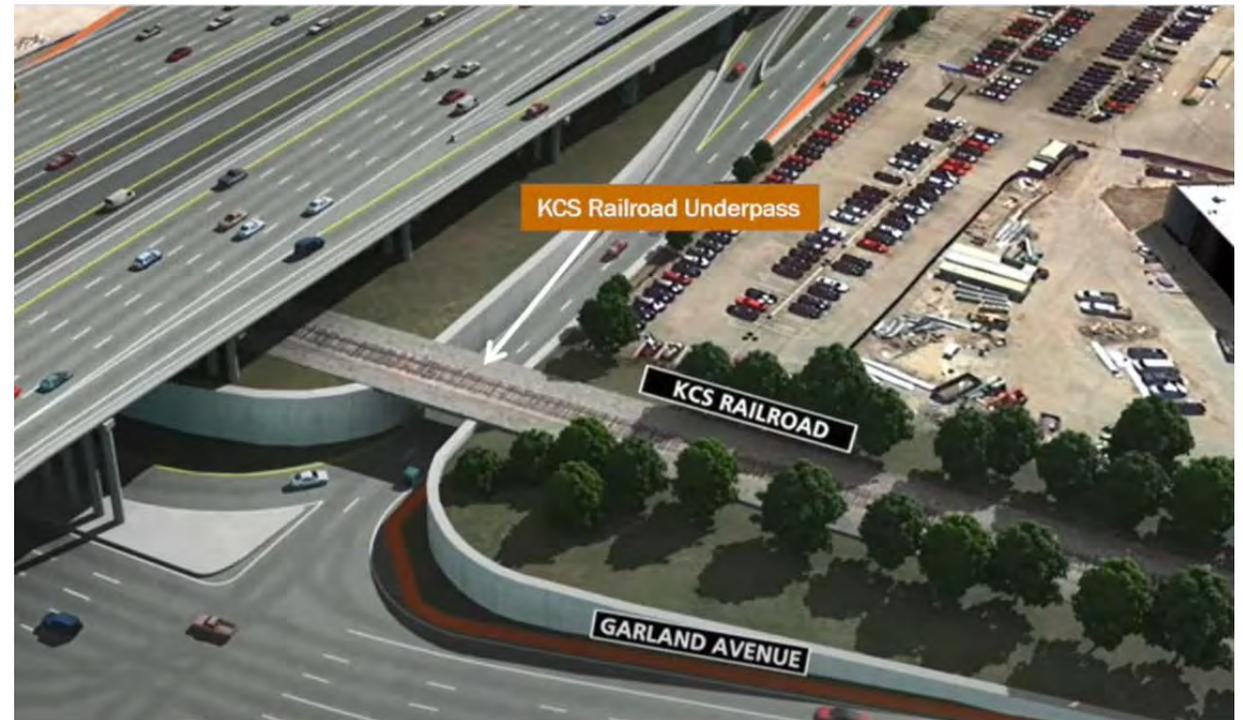
City of Garland, August 2020



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Garland Avenue/635 Interchange

- Original design - 3-level configuration with Garland Avenue lower in elevation.
- Critical element - vertical placement of existing KCS Railroad.
- Included significant excavation for Garland Avenue, resulting in a "canyon" configuration.
- Large retaining walls and associated drainage.





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Proposed Design Change

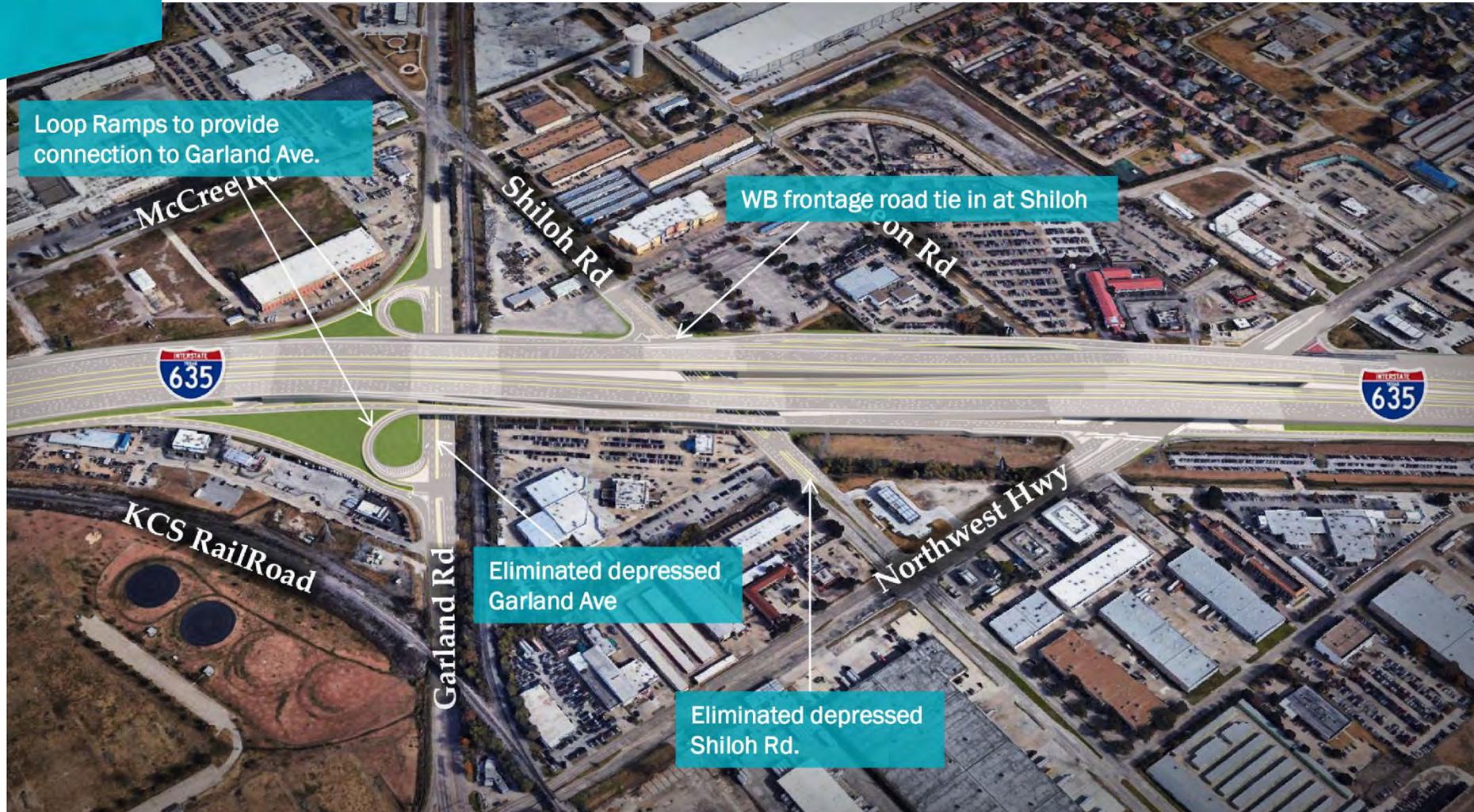
- TxDOT requested City to consider possible design change.
- Improved design prevents “canyon” configuration, potential flooding and project delays.
- New route puts frontage road over KCS railroad, not under.





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Garland Interchange – Design Build Proposed

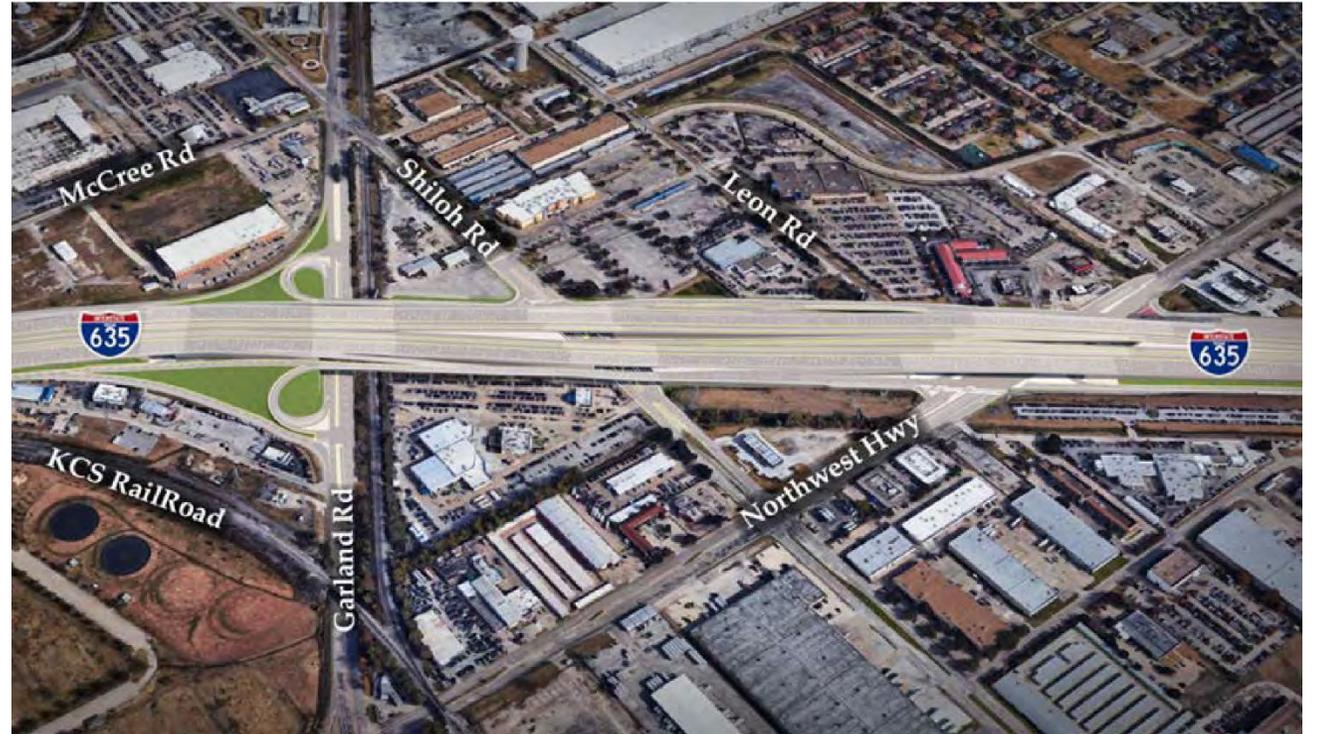




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Design Build Proposed Interchange Benefits

- Minimize impacts to KCS railroad. Eliminate the shoefly for the railroad. Simplify construction phasing and reduce the overall construction duration in the area.
- Reduce the project risk and the total project cost.





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Design Build Proposed Interchange Benefits (cont'd)

- Provide future opportunity for landscaping and beautify the area.
- Provide direct connectivity to Shiloh Road.
- Reduce risk of flooding on Garland Road and Shiloh Road by raising the cross-street profile to more closely match existing roadway grades.





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TxDOT/RTC Commitment

- TxDOT and RTC acknowledge significant cost savings with improved design.
- June 2019, Councilmember Aubin requested the RTC to partner with Garland in other transportation projects within the area.
- Sept. 2019, RTC approves \$15 million for future projects that will benefit the City within the Garland Avenue area.
- Disbursement of funds will require future RTC action.