EL PASO WATER UTILITIES
PUBLIC SERVICE BOARD

Paisano Valley Water Transmission Line

Imagine the result

AMEC FOSTER WHEELER | ARCADIS

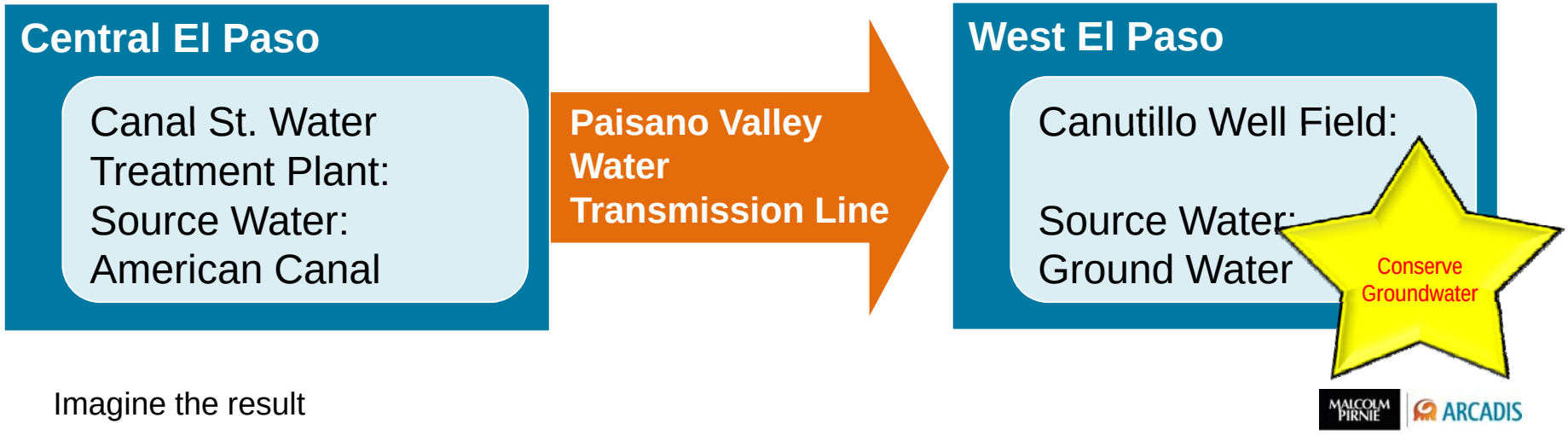
Paisano Valley Water Transmission Line History

- Installed in 1955
- Transfers water between Canutillo Well field and Downtown Storage Tank
- Low pressure pipeline; balances water levels between storage tanks
- Experiencing leaks and failures

Paisano Valley Water Transmission Line Operation Strategy

Fall/Winter Months:

Spring/Summer Months:



Imagine the result

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Paisano Valley Water Transmission Line Drought Operation Strategy

Fall/Winter Months:

Spring/Summer Months:

Imagine the result

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Paisano Valley Water Transmission Line

Why a new pipeline?

- Past typical design life
- Experiencing leaks and failures
- Improve system reliability
- Increase pipeline capacity (from 36” to 48”)
- Improve accessibility

Imagine the result

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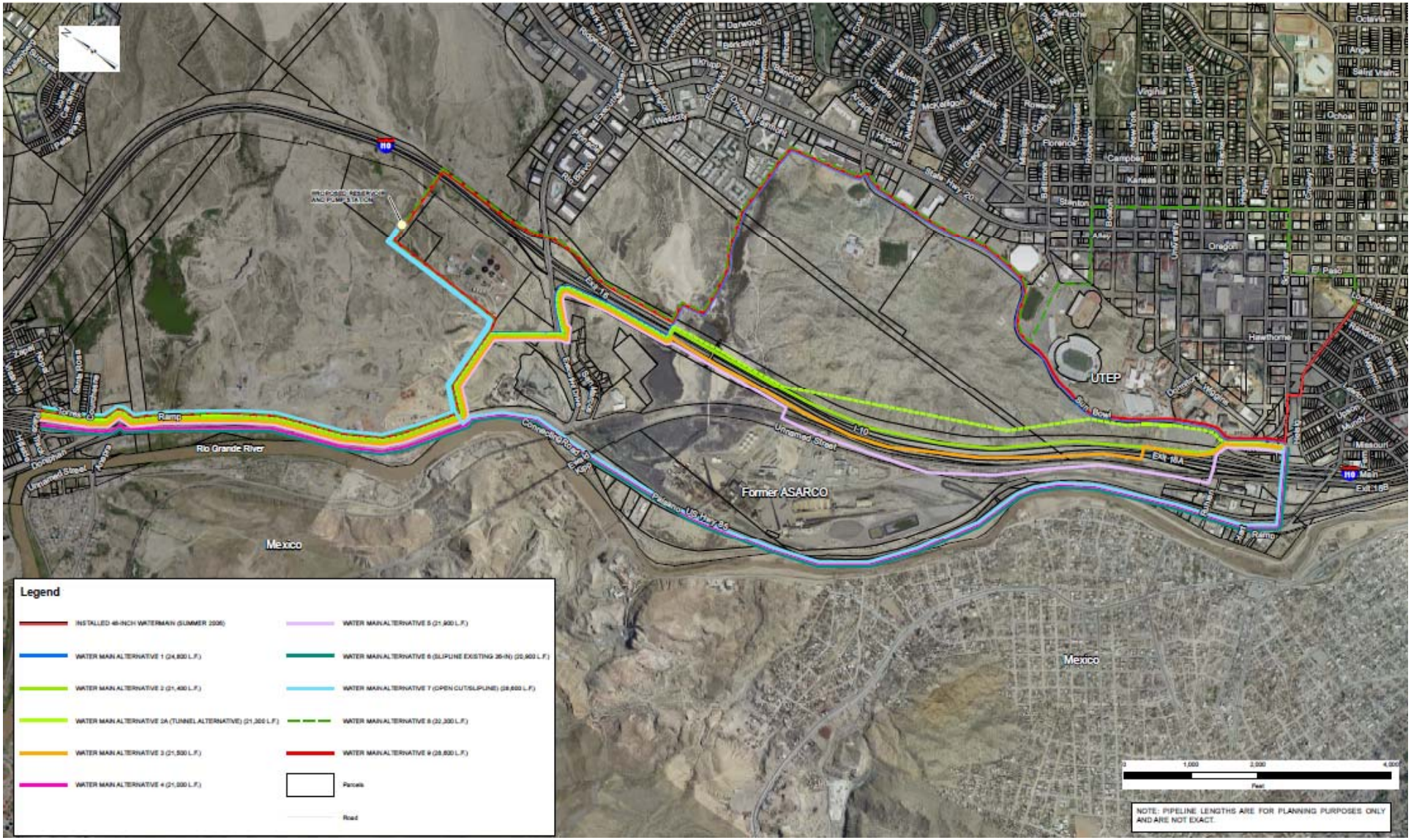
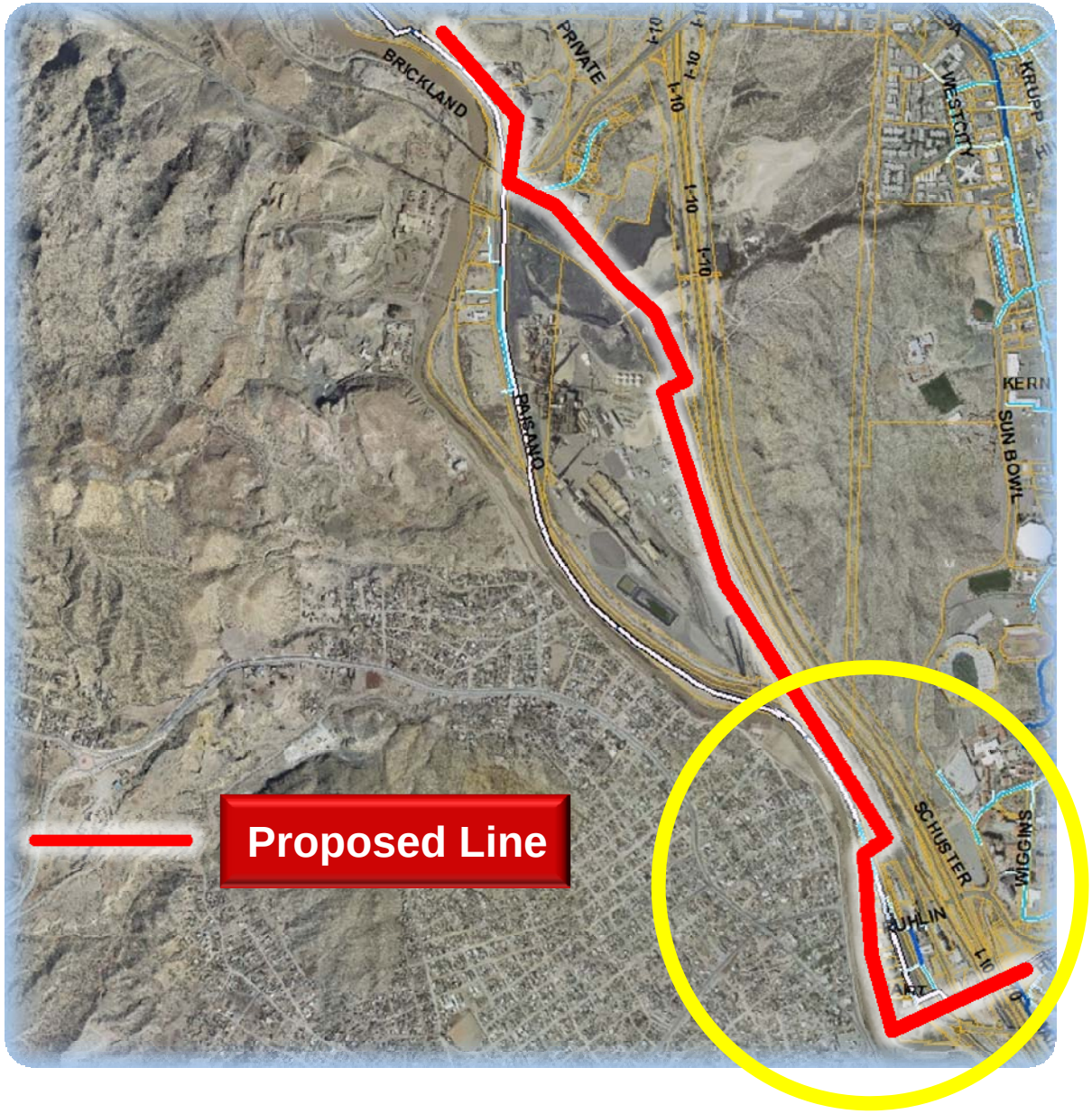
Paisano Valley Water Transmission Line

Paisano Valley Water Transmission Line Alignment Routing Evaluation



Paisano Valley Water Transmission Line



- Groundwater table at 20-30 feet.
- Up gradient from main smelter process areas
- Alignment maintains distance from main remediation activities.
- Requires approval from Texas Custodial Trust

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Paisano Valley Corridor

- IH-10
- Border Highway West Extension
- Paisano Drive
- American Canal
- Rio Grande Levees

- International Boundary
- Union Pacific RR
- Burlington North Santa Fe RR
- High Pressure Transmission Gas Lines
- Fiber Optic Communication Lines

Imagine the result

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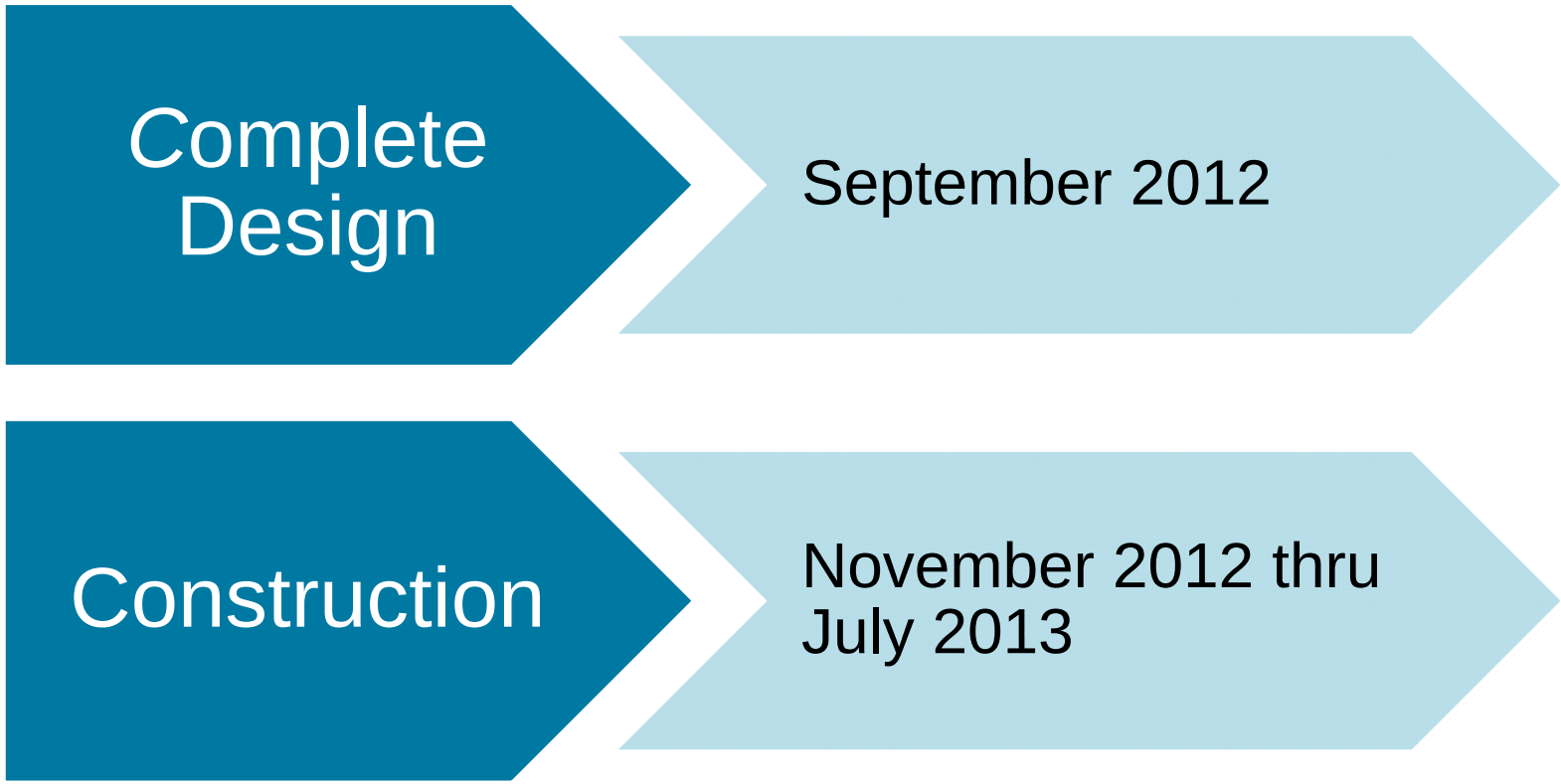
Paisano Valley Water Transmission Line



QUESTIONS?
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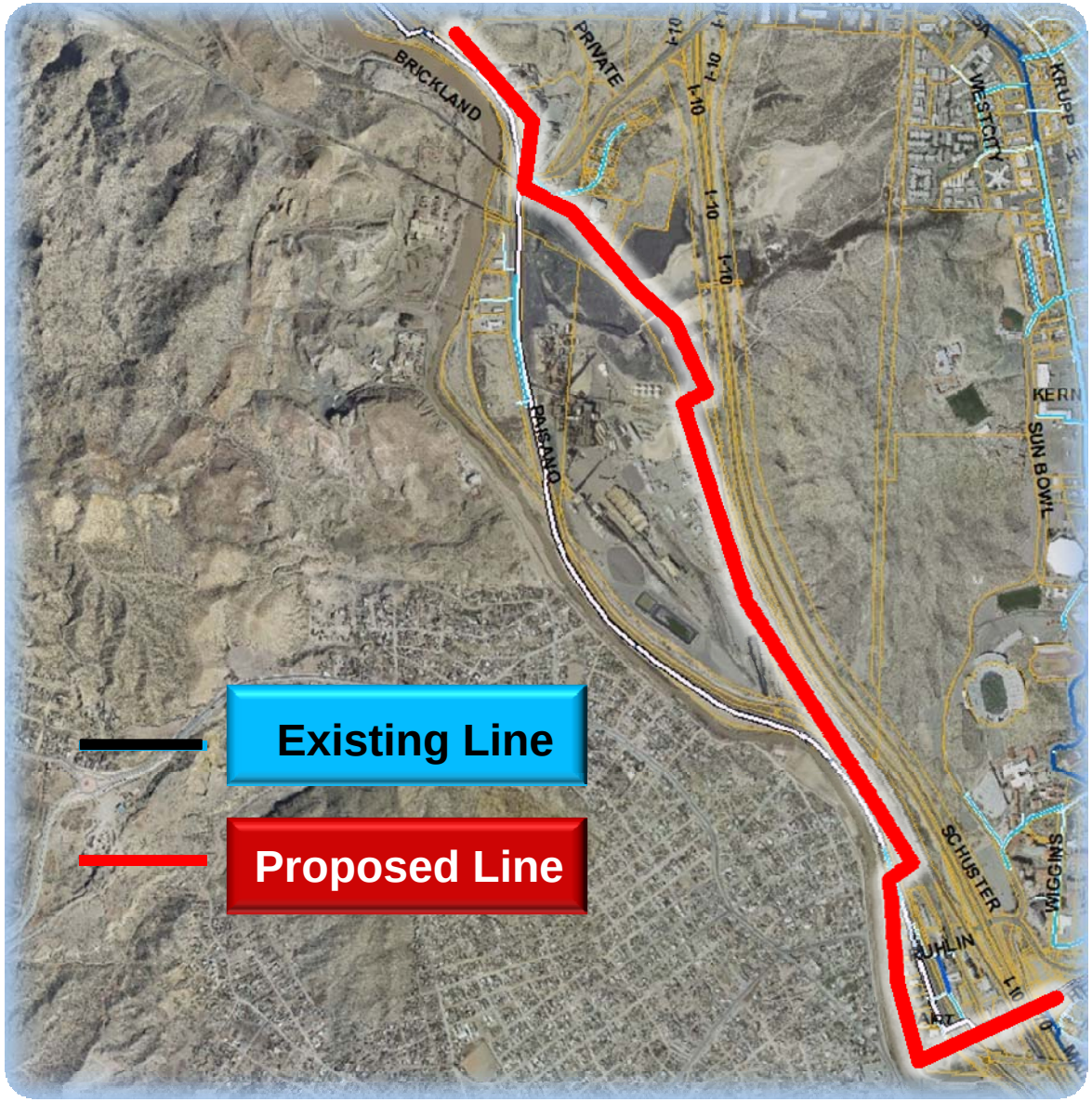
Paisano Valley Water Transmission Line



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Paisano Valley Water Transmission Line

Imagine the result

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