



Paisano Valley Water Transmission Line

Imagine the result



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

Imagine the result

Paisano Valley Water Transmission Line Operation Strategy

Fall/Winter Months:

Central El Paso

Canal St. Water Treatment Plant:
Source Water:
~~American Canal~~



West El Paso

Canutillo Well Field:
Source Water:
Ground Water

Spring/Summer Months:

Central El Paso

Canal St. Water Treatment Plant:
Source Water:
American Canal



West El Paso

Canutillo Well Field:
Source Water:
Ground Water



Imagine the result

Paisano Valley Water Transmission Line Drought Operation Strategy

Fall/Winter Months:

Central El Paso

Canal St. Water Treatment Plant:
Source Water:
~~American Canal~~



West El Paso

Canutillo Well Field:
Source Water:
Ground Water

Spring/Summer Months:

Central El Paso

Canal St. Water Treatment Plant:
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West El Paso

Canutillo Well Field:
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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



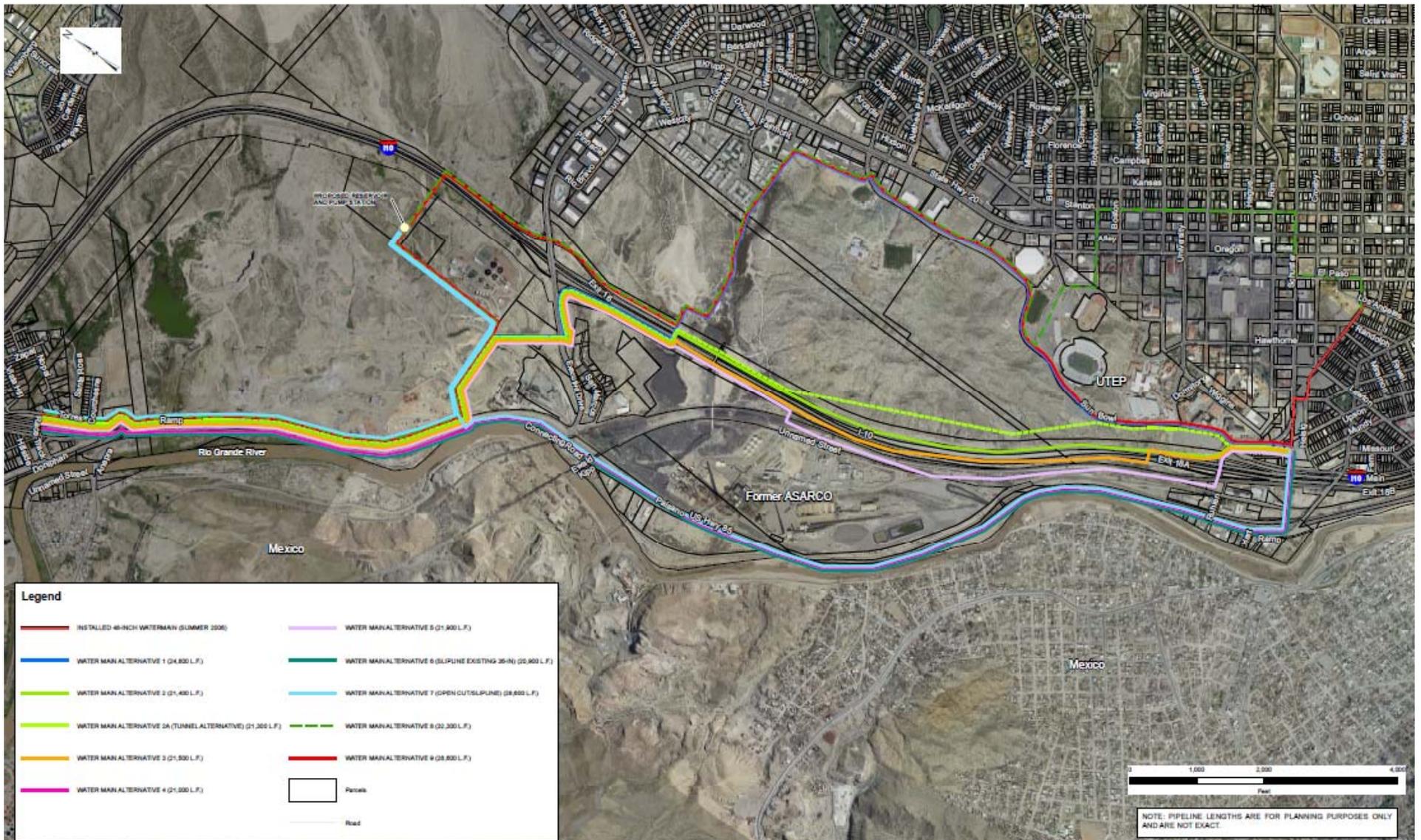
Imagine the result

Paisano Valley Water Transmission Line

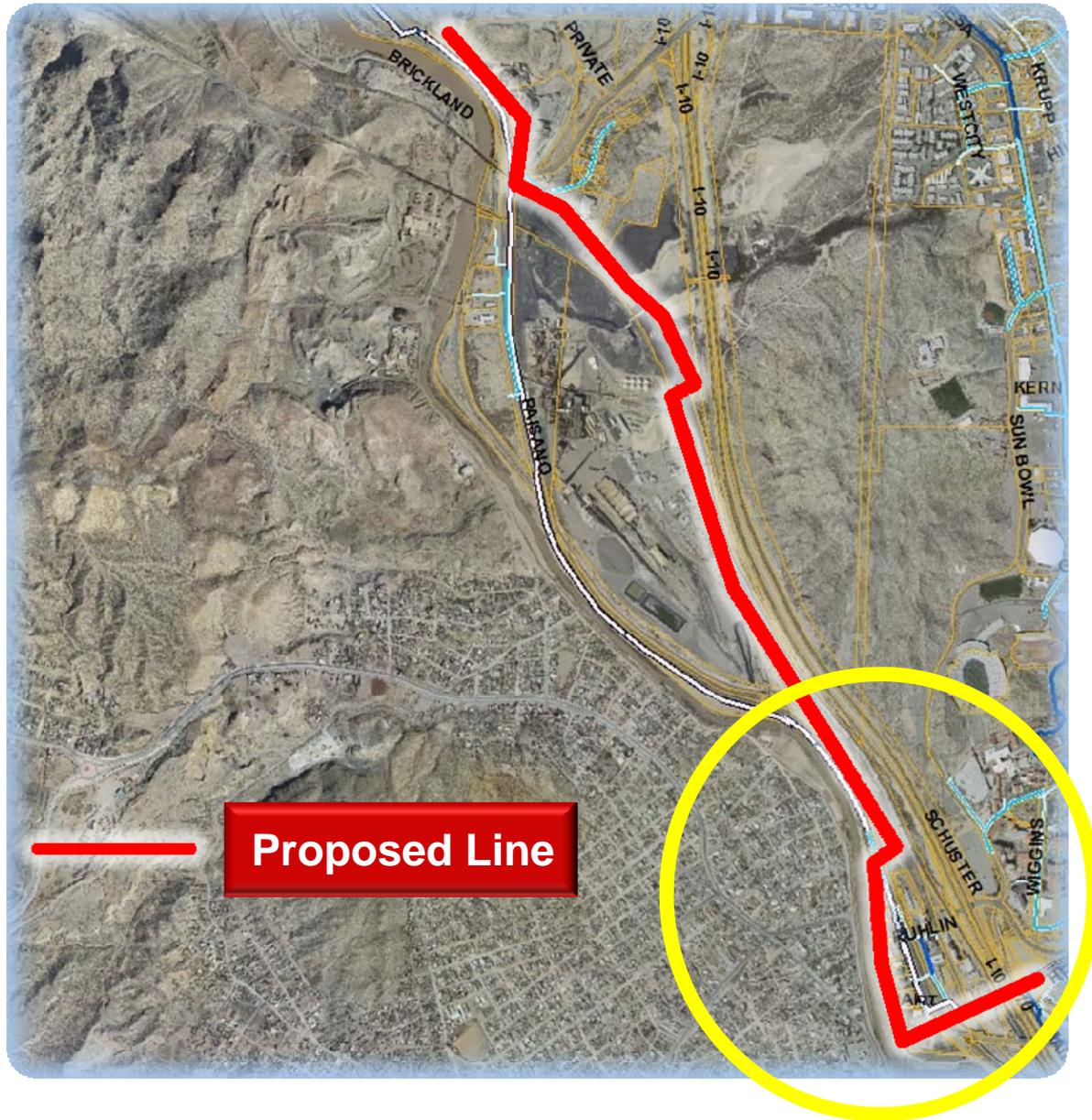


Imagine the result

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

Paisano Valley Corridor

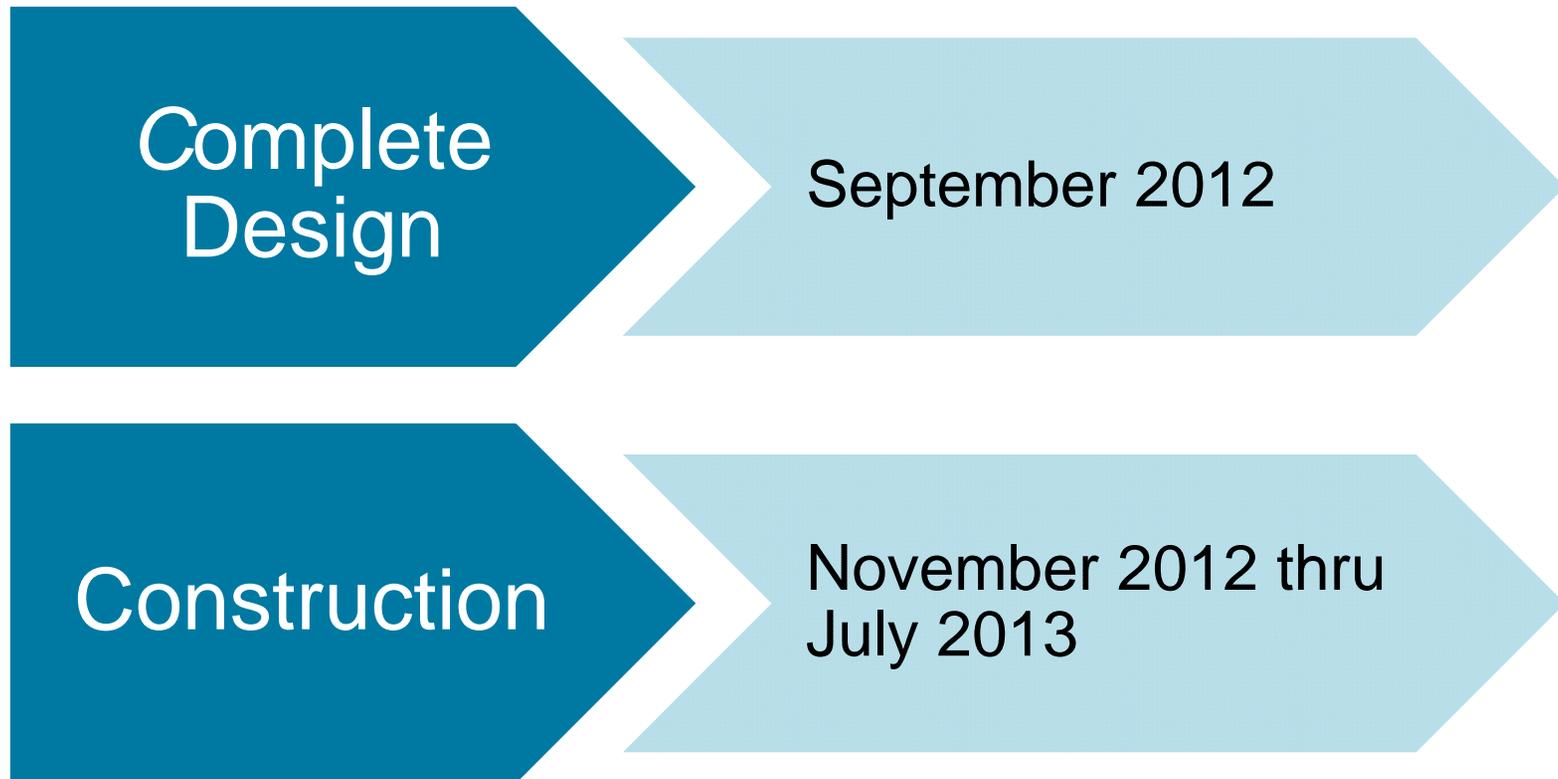


- IH-10
- Border Highway West Extension
- Paisano Drive
- American Canal
- Rio Grande Levees

Imagine the result

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

Paisano Valley Water Transmission Line

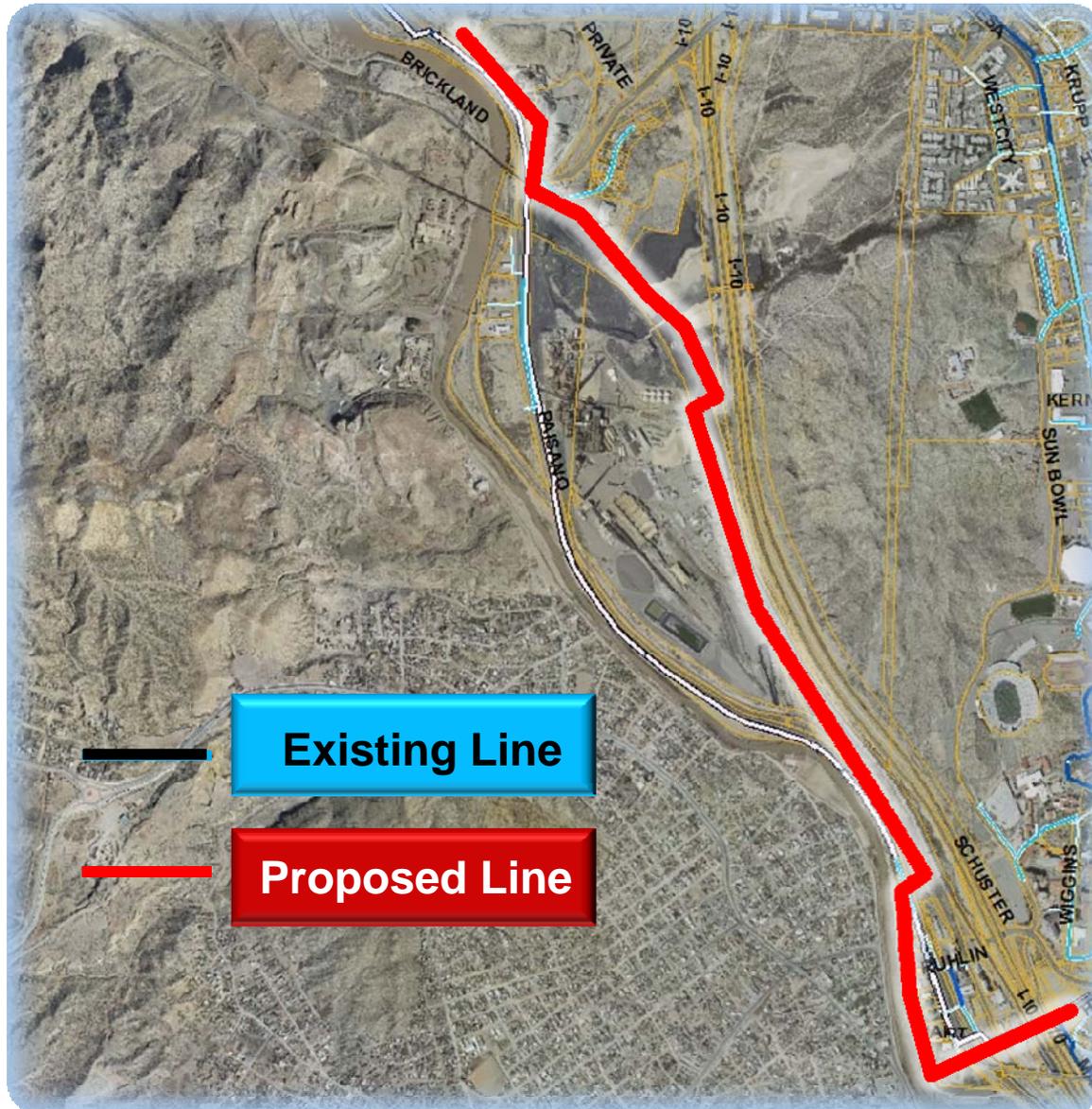


Imagine the result



QUESTIONS?

Paisano Valley Water Transmission Line





Paisano Valley Water Transmission Line

Imagine the result

