

# Water Utility Relocation Work



MID-COAST CORRIDOR  
TRANSIT PROJECT

## RELOCATION OF WATER LINE

Scheduled Work: Middle of November to March

### Stage 1 – Install Waterline Casing & Pipe Under Railroad (4 to 8 weeks)

- Day-work. 16 parking spaces displaced. Single lane access through to back of last building - 4903
- Build jacking pit. Remove vegetation & overburden; saw cut, excavate and install shoring box.
- Install jacking machine, deliver and stage pipe casing, jack pipe
- Install sections of pipe, excavate spoils, stop to weld sections of 24" casing
- Trucking for casing, pipe, jacking equipment, excavating equipment and spoils

### ➤ Stage 2 - Open Trench Excavation (4 to 8 weeks)

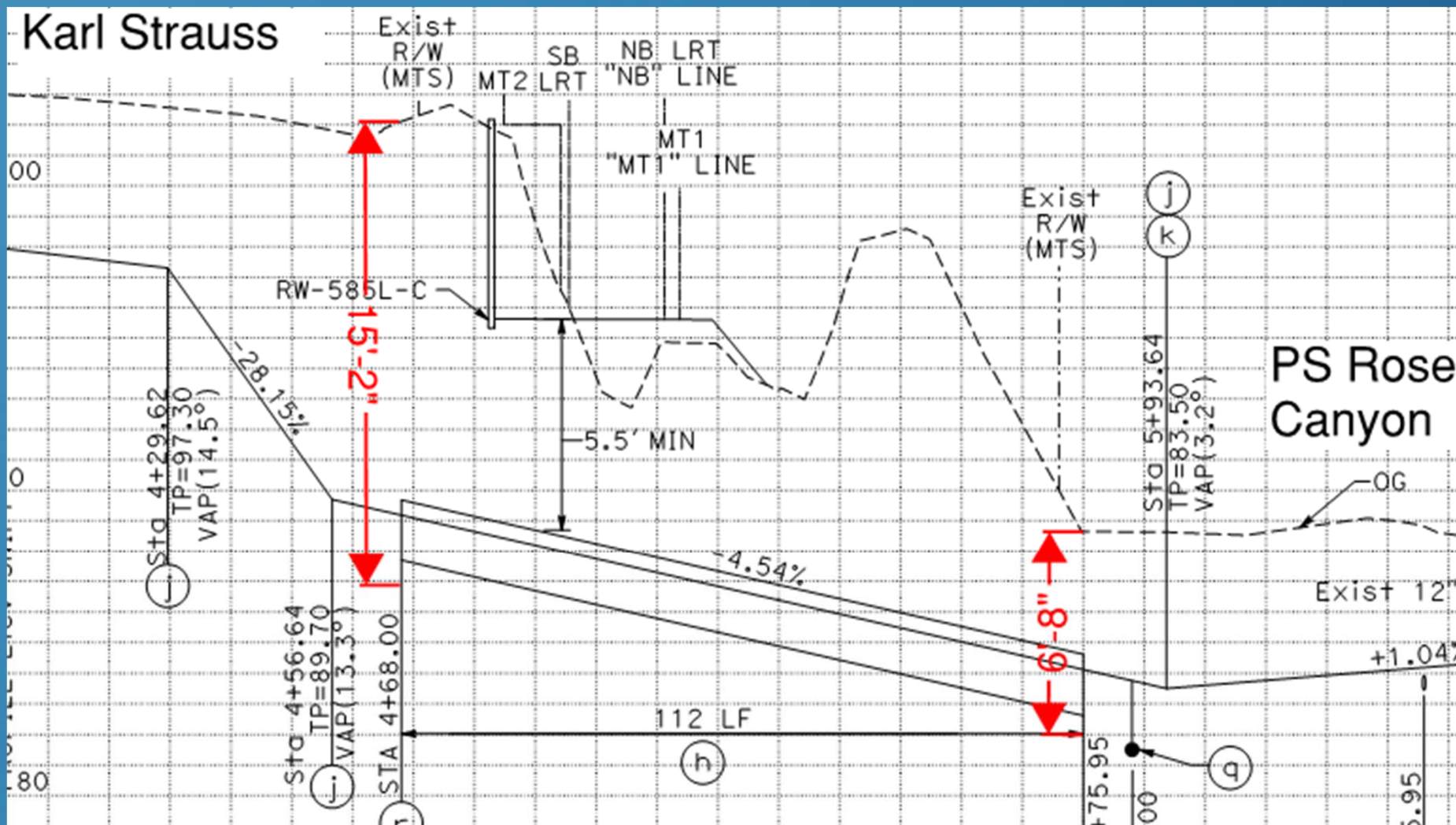
- Some night-work, parking displacement reduced.
- Tie-in new waterline to existing waterline, hydrant, valves, and meters.
- Shutdown service to tie in. Timing will be scheduled with city crews – notification will be given.
- Trench backfill, AC pavement surfacing and re-striping.

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## RELOCATION OF 12" WATER LINE



Pipeline Profile

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## WATER LINE UPGRADE - RELOCATION OF 12"



Jack & Bore Operation – Daywork (4 to 8 Weeks)

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## Typical Jack & Bore Operation



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## RELOCATION OF WATER LINE

Scheduled Work: Middle of November to March (potentially faster)

- Stage 1 – Install Waterline Casing & Pipe Under Railroad (4 to 8 weeks)
  - Day-work. 16 parking spaces displaced. Single lane access through to back of last building - 4903
  - Build jacking pit. Remove vegetation & overburden; saw cut, excavate and install shoring box.
  - Install jacking machine, deliver and stage pipe casing, jack pipe
  - Install sections of pipe, excavate spoils, stop to weld sections of 24" casing
  - Trucking for casing, pipe, jacking equipment, excavating equipment and spoils
- Stage 2 - Open Trench Excavation (4 to 8 weeks)
  - Some night-work, parking displacement reduced.
  - Tie-in new waterline to existing waterline, hydrant, valves, and meters.
  - Shutdown service to tie in. Timing will be scheduled with city crews – notification will be given.
  - Trench backfill, AC pavement surfacing and re-striping

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## WATER LINE UPGRADE - RELOCATION OF 12"



Open Trenching – Some nightwork (4 to 8 Weeks)

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## Summary

Duration: Middle of November to March (hopefully sooner)

Methods: Jack & Bore and open cut

Coordination: Access and final tie in

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Questions?