

Detroit River International Crossing Project LAC/LAG Meeting

Pedestrian Crossings
August 27, 2008



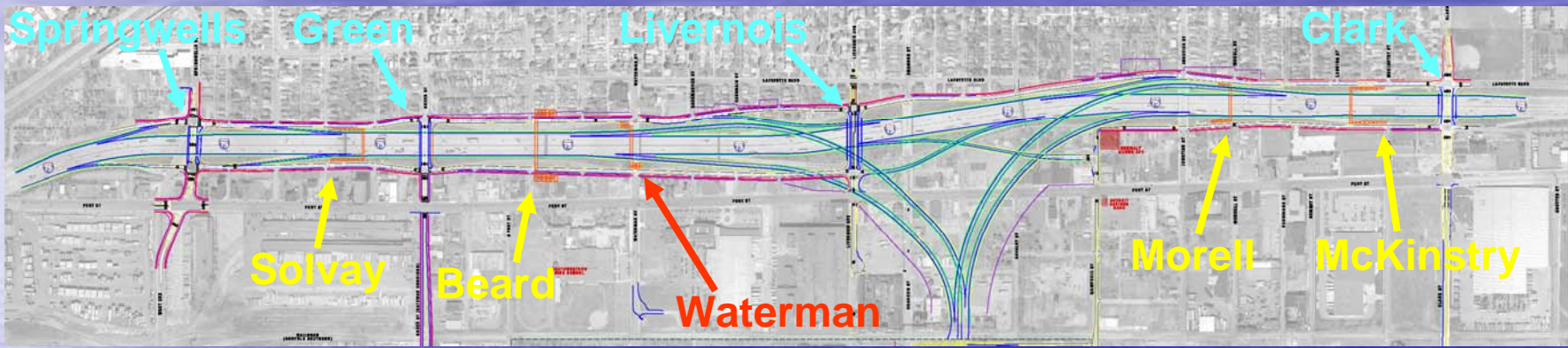
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Agenda

- Location of Pedestrian Crossings
- Crossing Modifications

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Preferred Alternative Alignment



- Proposed Pedestrian Bridges:

- ✓ Solvay
- ✓ Beard
- ✓ Rademacher
- ✓ Morell
- ✓ McKinstry

- Proposed Bridges w/ Sidewalks:

- ✓ Springwells
- ✓ Green
- ✓ Livernois
- ✓ Clark

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Crossing Modifications

- Relocated crossing from Rademacher to Waterman
- Consider widening Beard crossing from 14 ft to 20 ft
- Eliminated stairs from crossings
- Moved landings to consistent street locations
- Developed and evaluated crossing service drive with bridges
- Considered crossing signals

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Pedestrian Crossing at Waterman



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Existing Beard Pedestrian Crossing

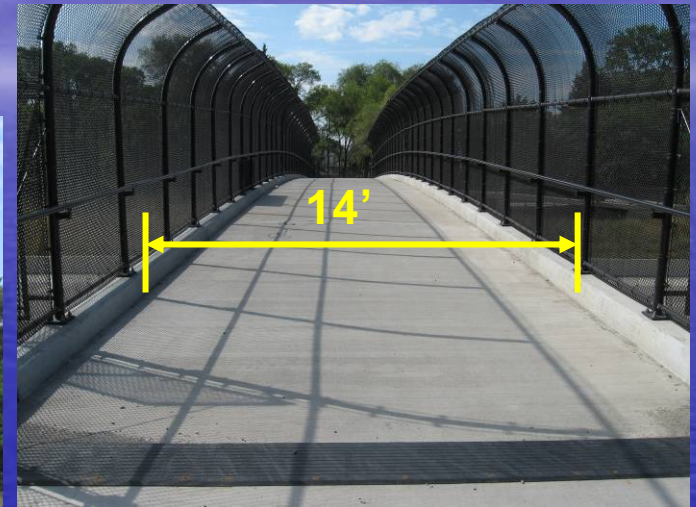


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Example of New Pedestrian Bridge



M-10 (Lodge) at Tuller Ave. near Fenkel.



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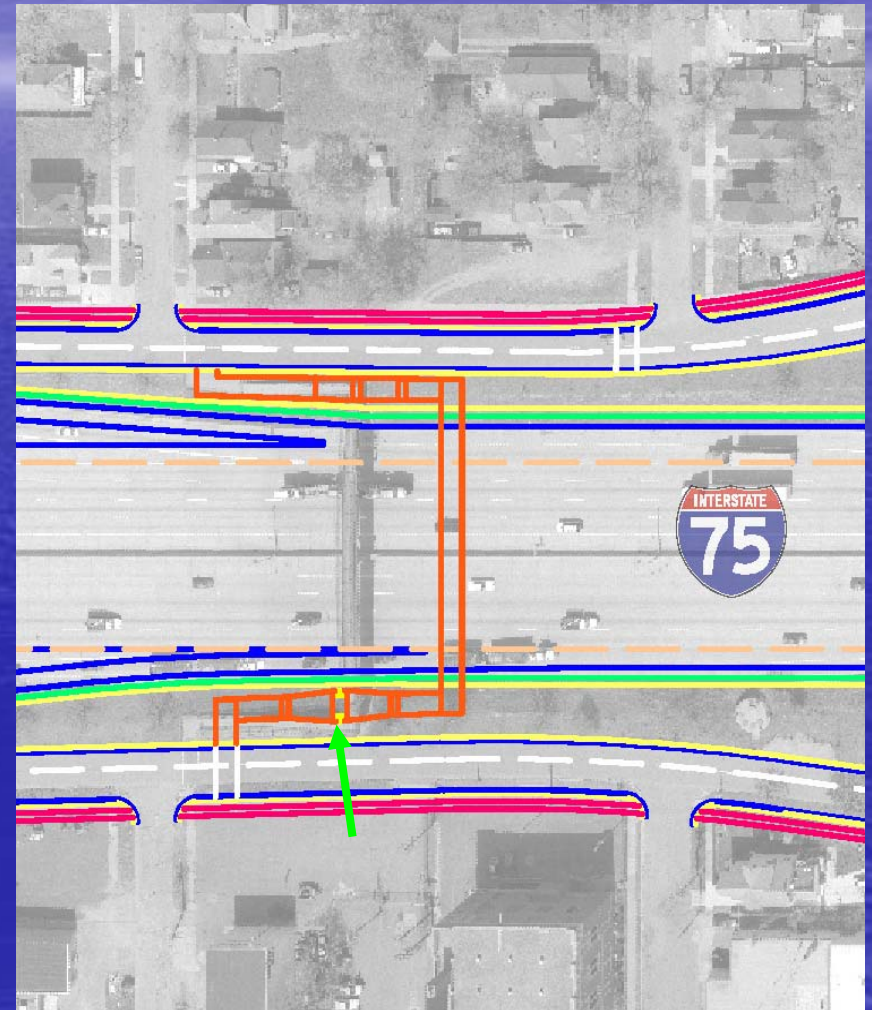
Beard Crossing

- Consider widening to 20 ft
- 900 Students could cross bridge:
 - ✓ 14 ft – 5 minutes
 - ✓ 20 ft – 4 minutes
- When combined with Waterman crossing
– 900 students in 2 ½ minutes

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Revised Stairs/Ramp

- Added rest location with benches
- Eliminated stairs
 - ✓ Reduced service drive crossing locations



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Crossing Service Drive

- Bridge would take
 - ✓ North side: 1 residence
 - ✓ South side: billboard, 1 residential property, 1 business properties full take, church property partial take

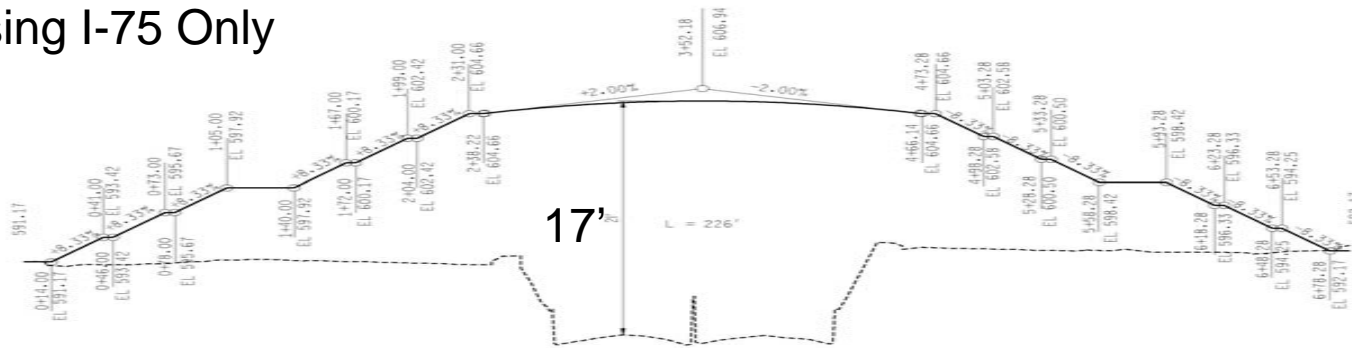


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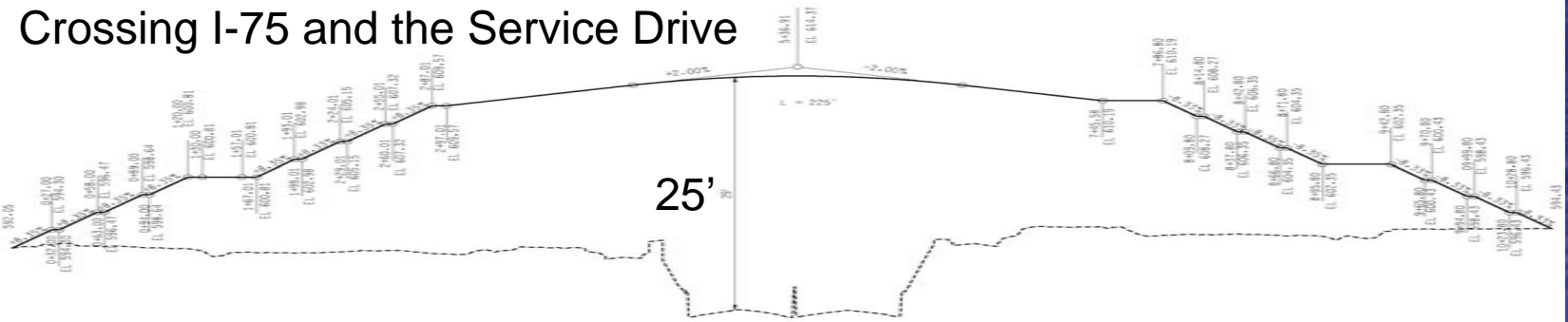
Crossing Service Drive

- Bridge would be 8 ft higher
- Ramp would be 364 ft longer

Crossing I-75 Only



Crossing I-75 and the Service Drive



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Pedestrian Crossing Signals

- Project will provide cross-walk striping
- City of Detroit may add signals if warranted

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Additional Steps

- Continue consultations with City of Detroit
 - ✓ DPW
 - ✓ PSD
- Complete Engineering (Sept.)