



# I-90 ALLSTON INTERCHANGE

## A MULTIMODAL TRANSPORTATION PROJECT

### TASK FORCE MEETING

APRIL 24, 2019 – FIORENTINO COMMUNITY CENTER



# Meeting Agenda

- Welcome & Introductions
- BSA Charette (4/18) Summary
- FHWA NEPA Process
- WB and EB SFR Viaduct Conceptual Staging
- Discussion



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- **WB and EB SFR Viaduct Conceptual Staging**



# Throat Area Construction Staging Highlights

- Staging concepts are preliminary and several elements need further study/investigations including but not limited to:
  - Potential Temporary PDW Path on Floating Bridge
  - Sizing safe work zones for equipment and access
  - Increasing duration of 2 track Worcester Mainline services
  - Grand Junction Bridges over I-90 and SFR
  - SFR Viaduct transitions outside tangent portion of throat
  - Temporary I-90 alignments horizontal and vertical geometry
  - Major utility relocations upon completion of field investigations and continued coordination with utility owners
  - Overall construction durations by stage
- Temporary River Impacts Required due to fixed location of SFR Viaduct (SFR over WB or EB) and need to maintain minimum I-90/SFR travel lanes and WML Commuter Rail operations



# Throat Area Construction Considerations

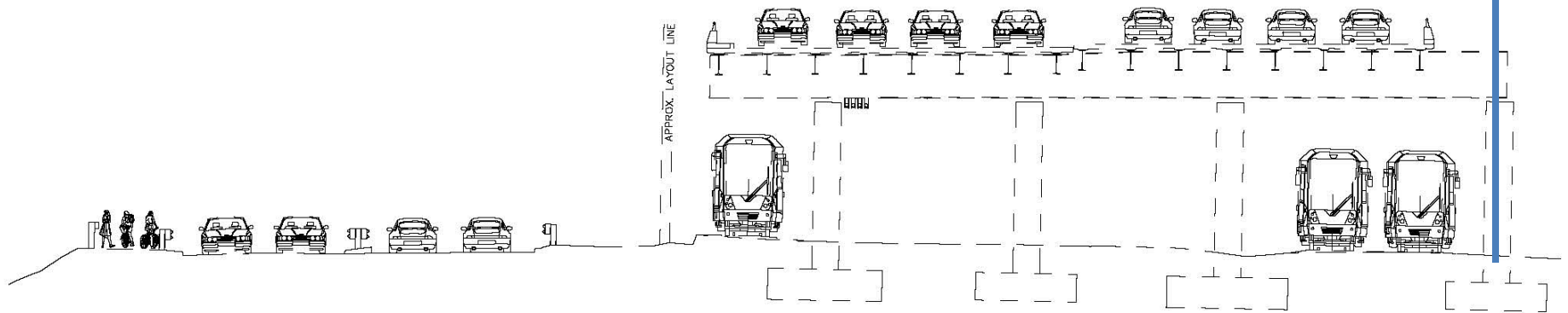
- **Maintain all modes of travel**
  - PDW Path Detour or Temporary Floating Bridge
  - 6 I-90 travel lanes
  - 4 SFR travel lanes
  - 1 WML Commuter Rail (minimum)
  - Grand Junction Rail closed for majority of construction duration



# WB SFR Viaduct (Major Elements)



211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



## Legend

	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct

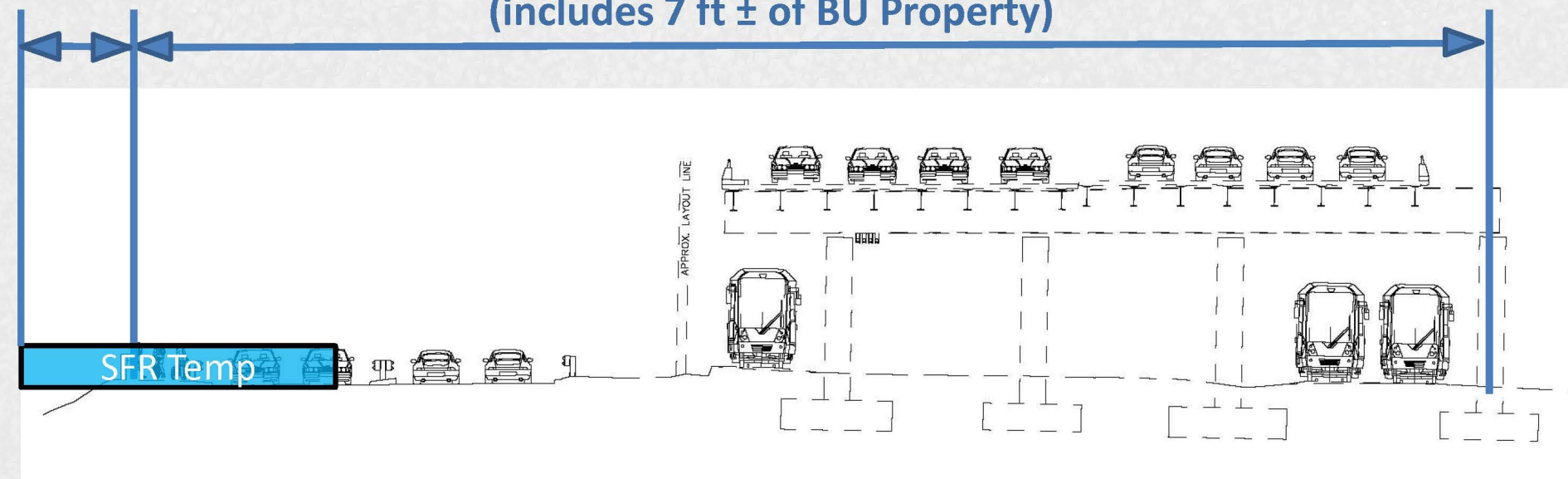


# WB SFR Viaduct (Major Elements) 1



Additional width  
required for  
Temp SFR

211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



## Legend

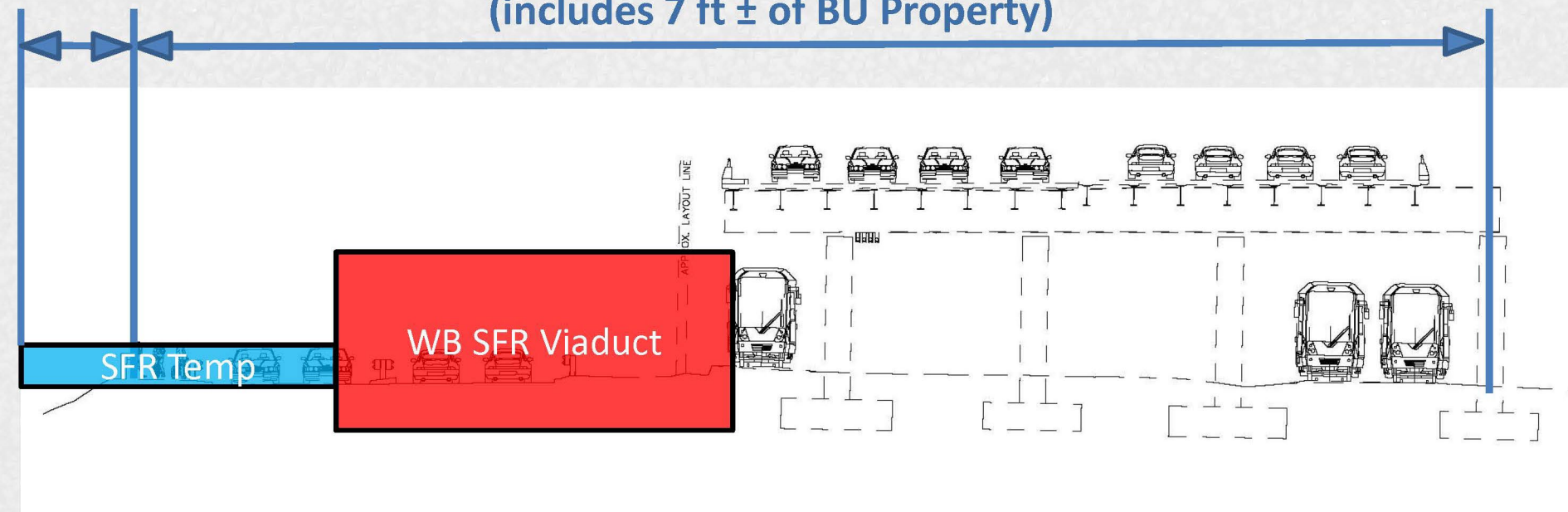
	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct



# WB SFR Viaduct (Major Elements) 2

Additional width  
required for  
Temp SFR

211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



## Legend

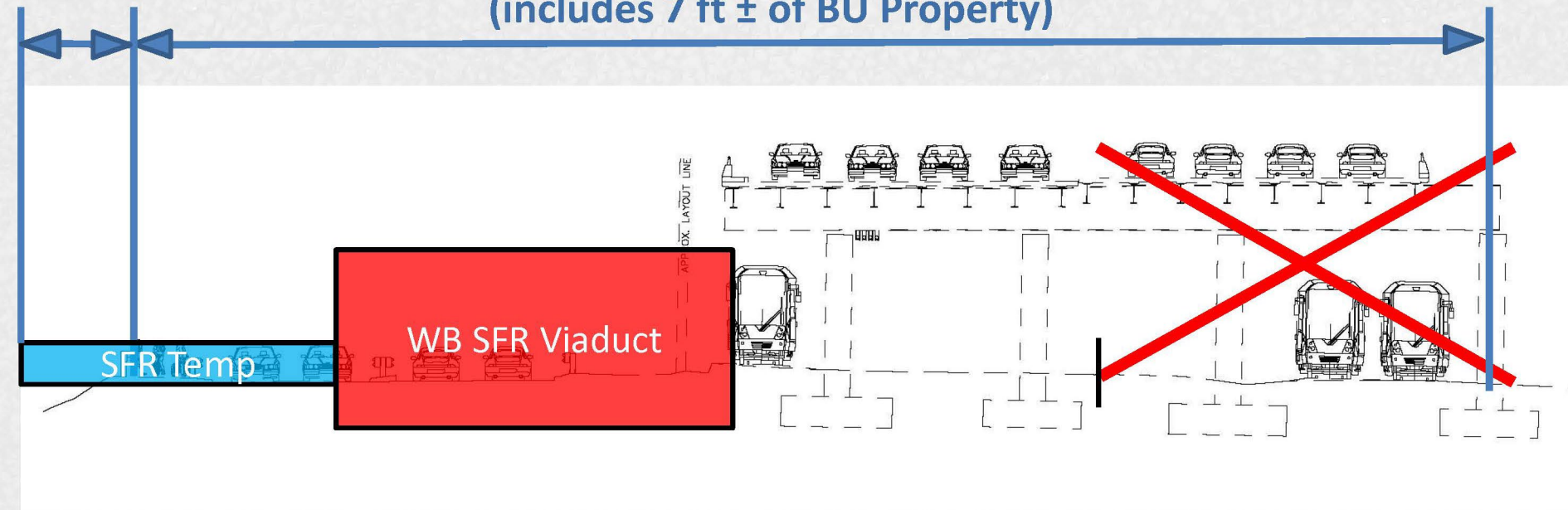
	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct



# WB SFR Viaduct (Major Elements) 3

Additional width  
required for  
Temp SFR

211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



## Legend

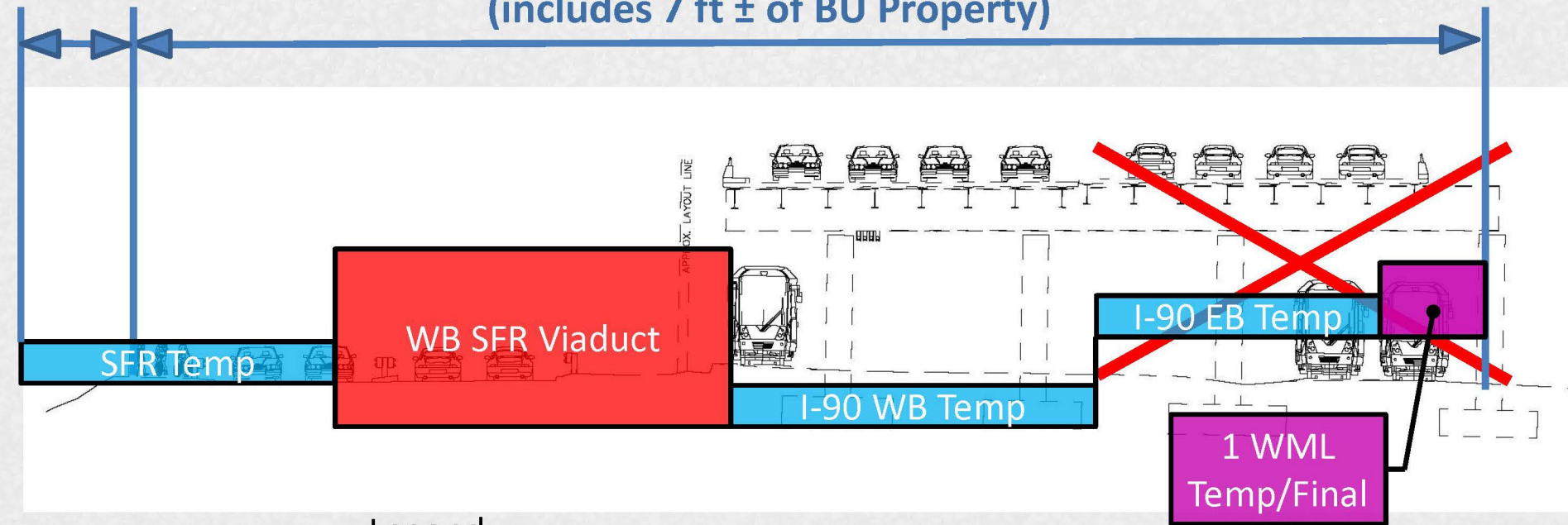
	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct



# WB SFR Viaduct (Major Elements) 4

Additional width  
required for  
Temp SFR

211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



## Legend

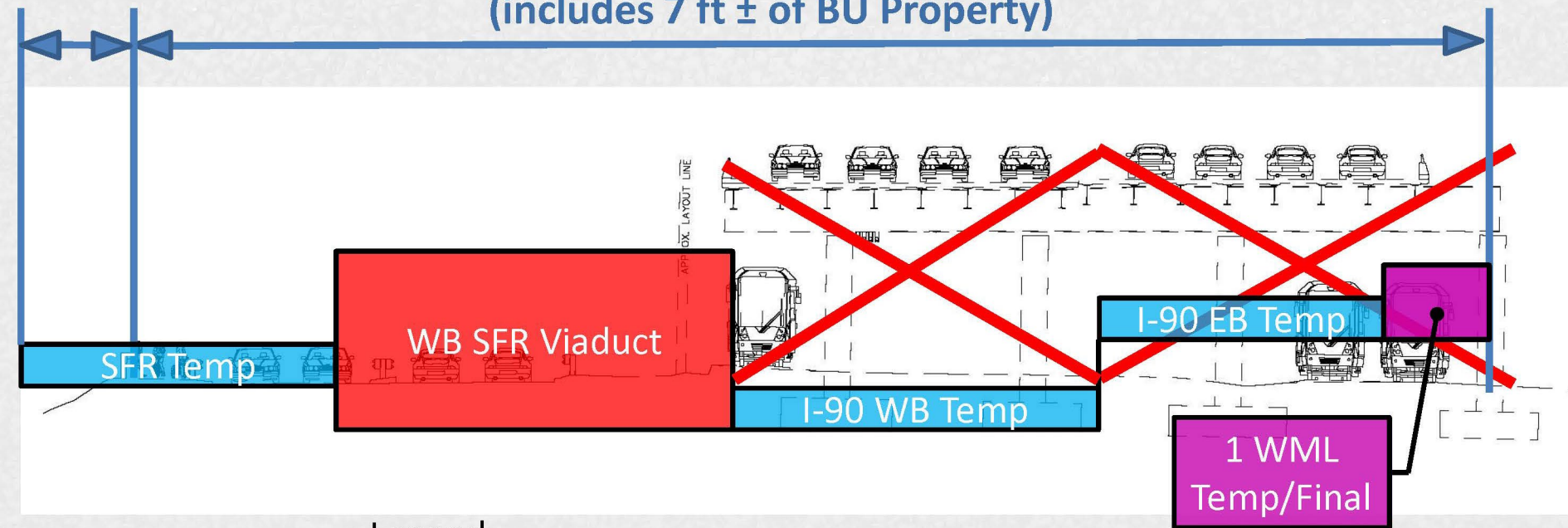
	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct



# WB SFR Viaduct (Major Elements) 5

Additional width  
required for  
Temp SFR

211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



## Legend

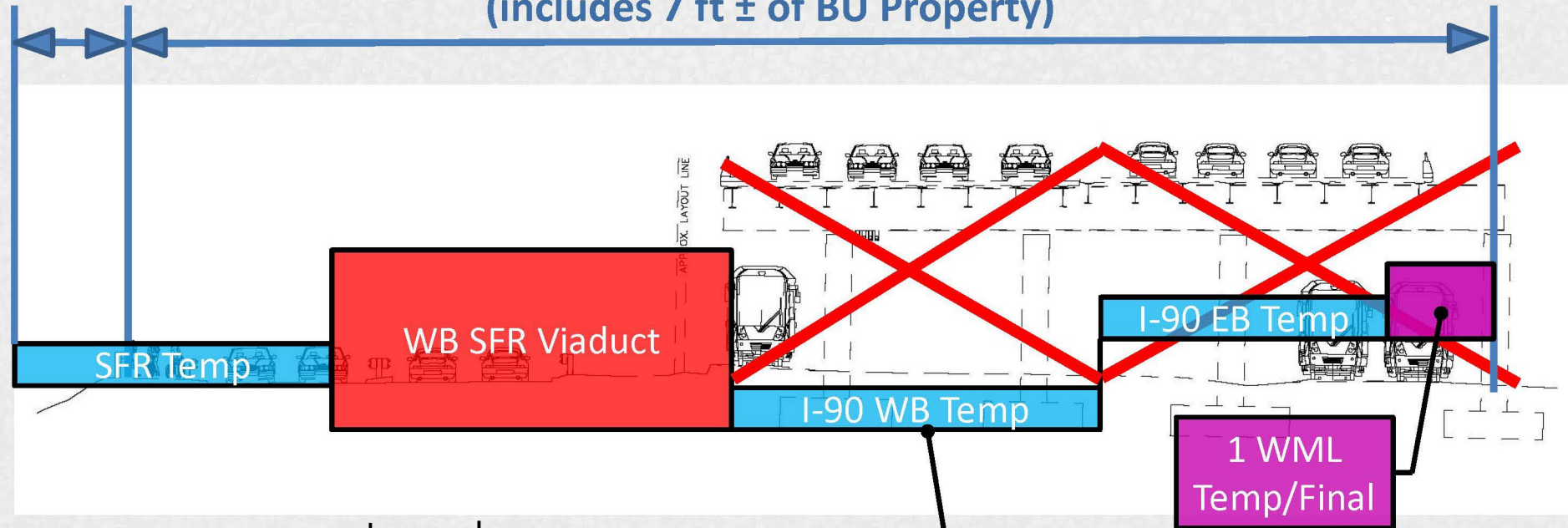
	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct



# WB SFR Viaduct (Major Elements) 6

Additional width  
required for  
Temp SFR

211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



## Legend

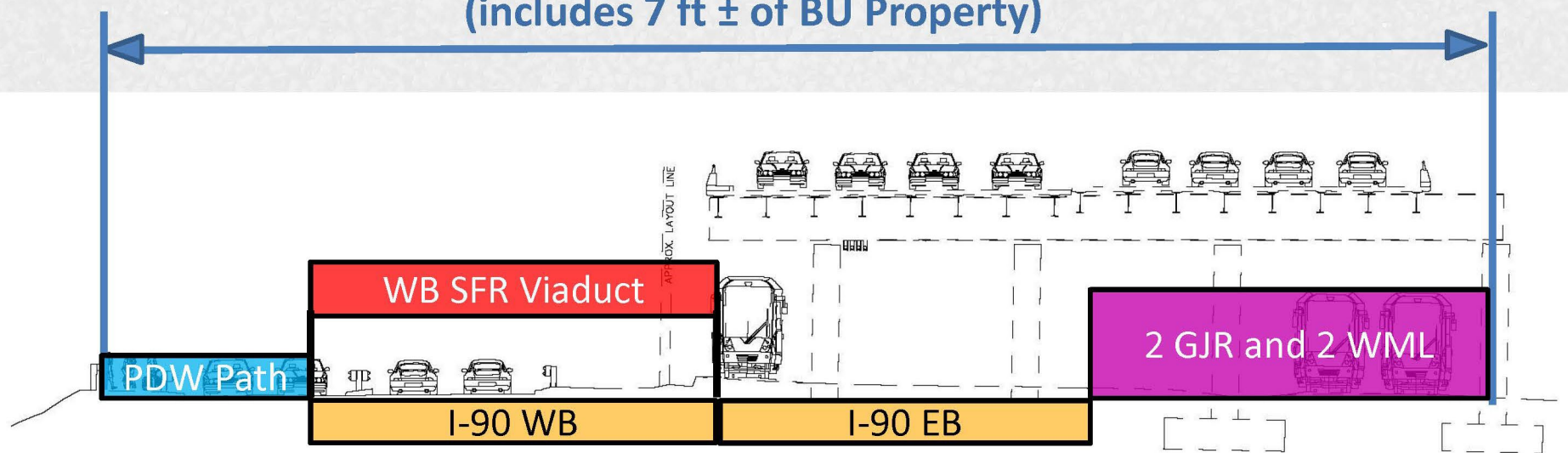
	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct

Required for WB SFR  
Viaduct Transitions to be  
Constructed



# WB SFR Viaduct - Final Condition

211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



## Legend

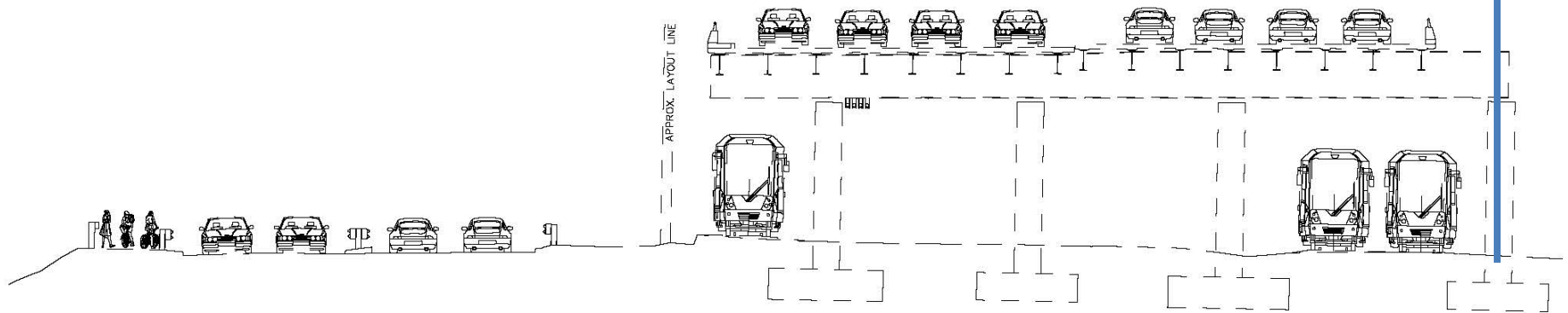
	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct



# EB SFR Viaduct (Major Elements)



211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



## Legend

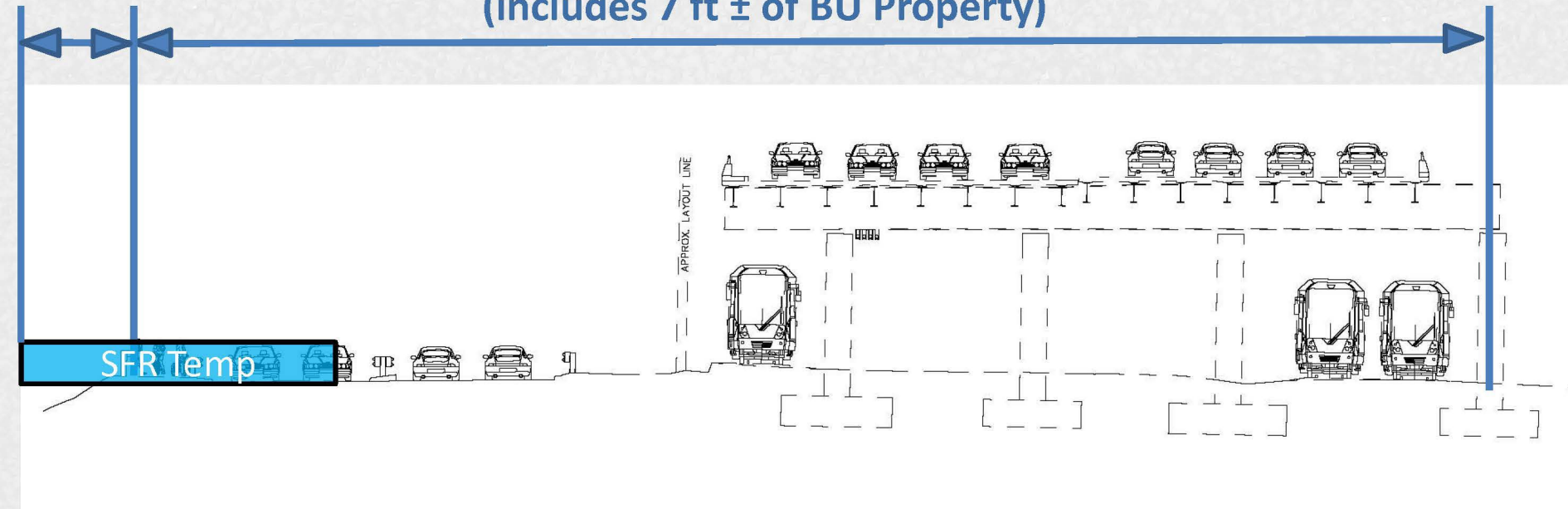
	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct



# EB SFR Viaduct - Major Elements- 1

Additional width  
required for  
Temp SFR

211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



## Legend

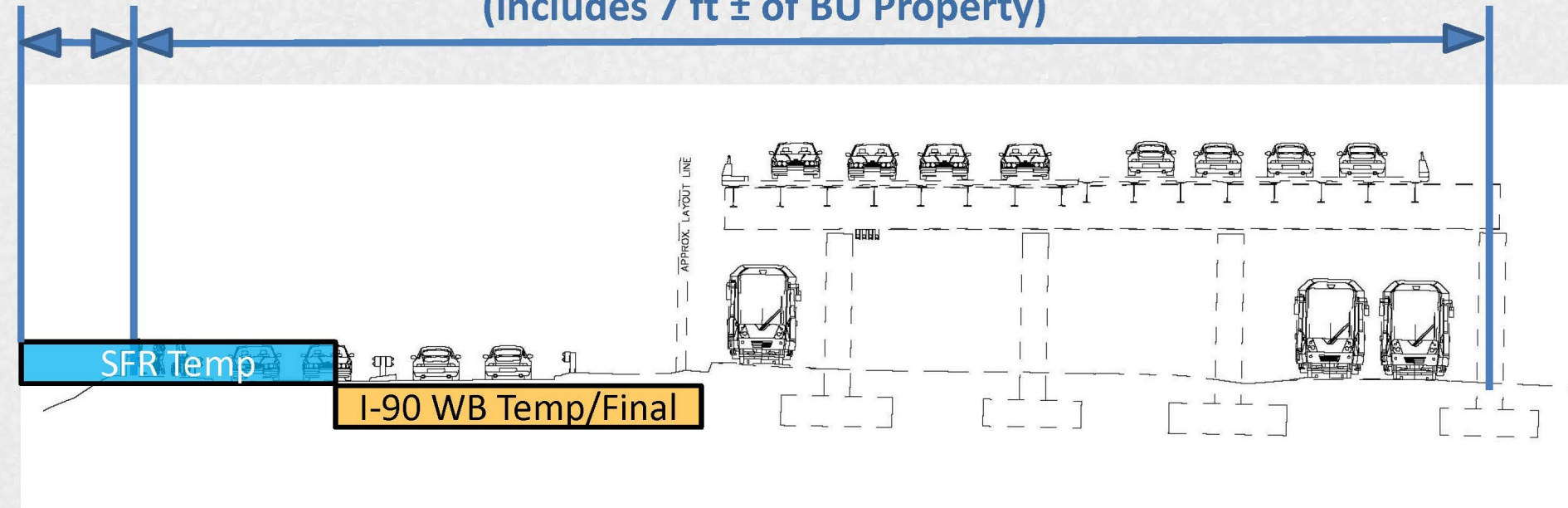
 Temp I-90/SFR	 Final I-90
 Temp/Final WML/GJ	 Final SFR Viaduct



# EB SFR Viaduct - Major Elements-2

Additional width  
required for  
Temp SFR

211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



## Legend

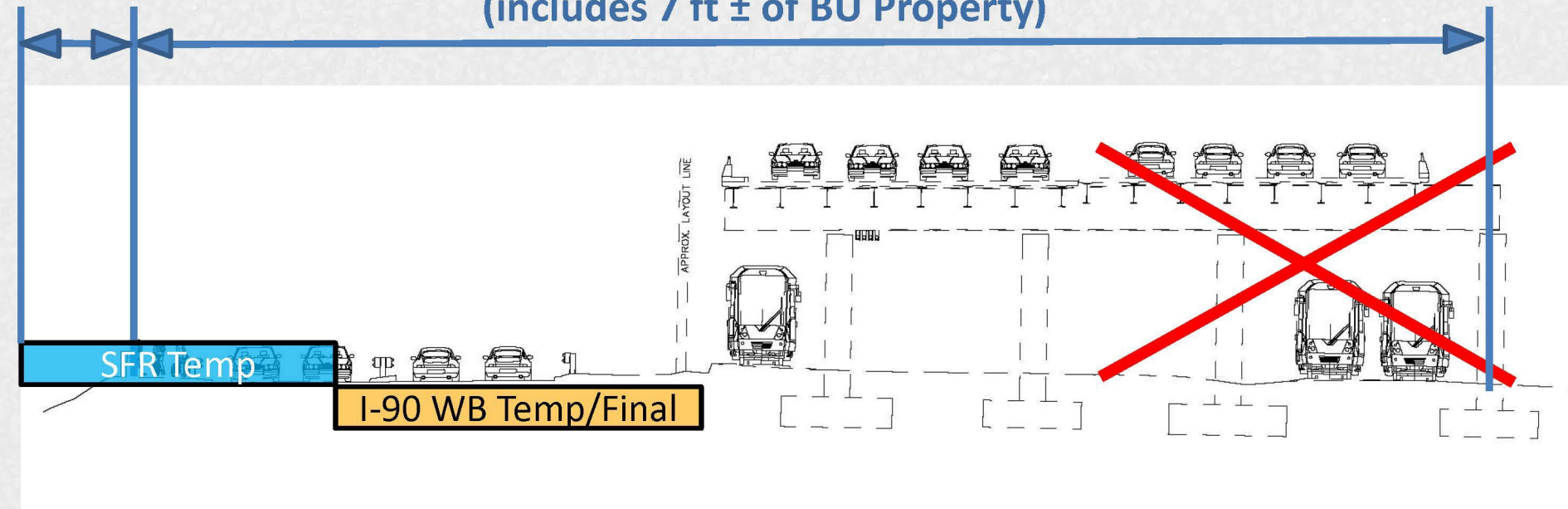
	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct



# EB SFR Viaduct - Major Elements-3

Additional width  
required for  
Temp SFR

211 ft +/- Overall Final Dimension at  
Narrowest Location  
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## Legend

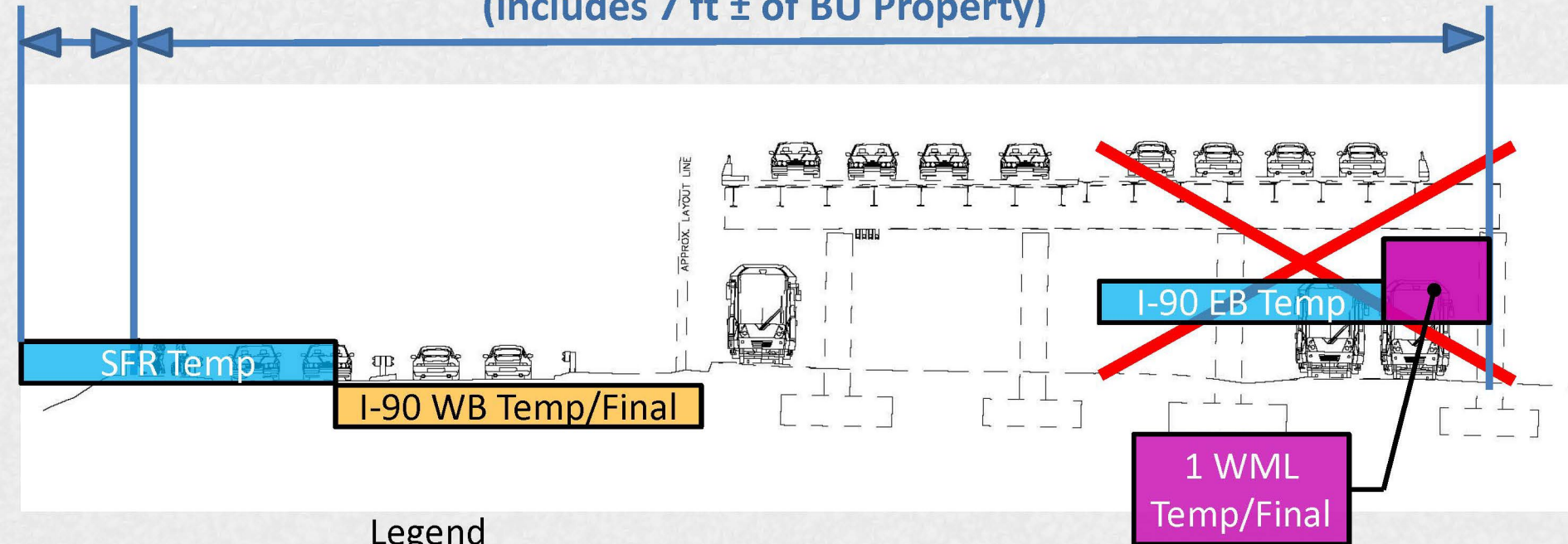
	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct



# EB SFR Viaduct - Major Elements-4

Additional width  
required for  
Temp SFR

211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



Legend

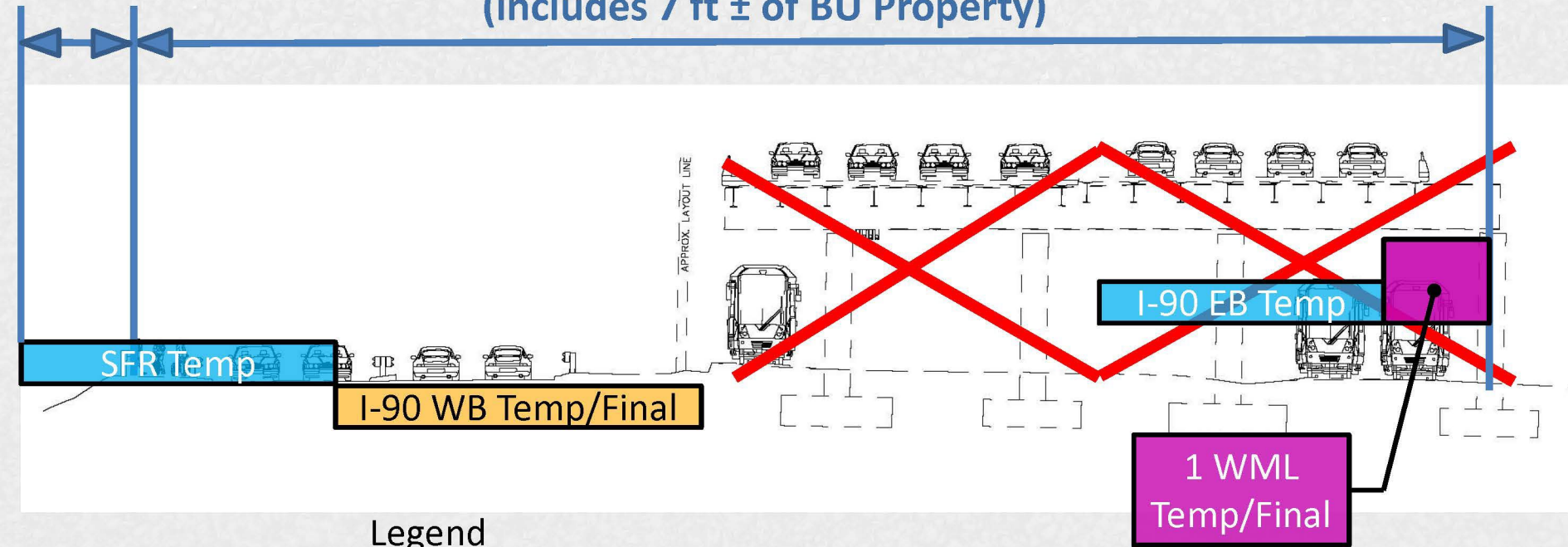
	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct



# EB SFR Viaduct - Major Elements-5

Additional width  
required for  
Temp SFR

211 ft +/- Overall Final Dimension at  
Narrowest Location  
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Legend

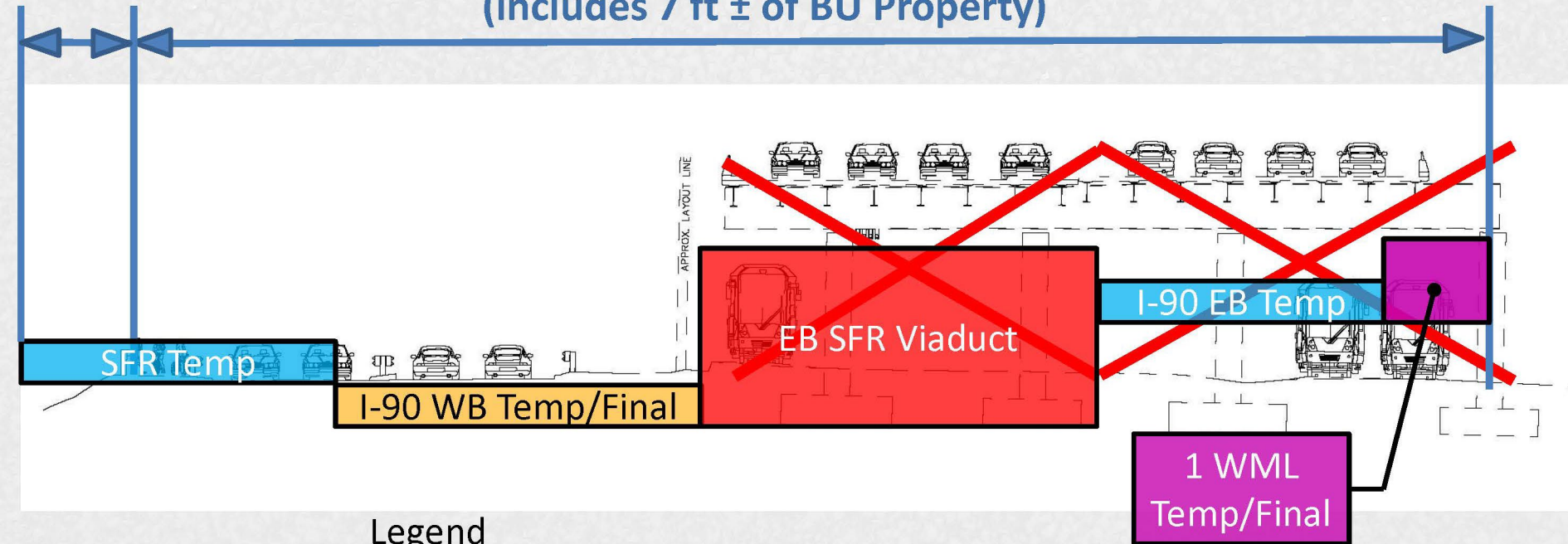
 Temp I-90/SFR	 Final I-90
 Temp/Final WML/GJ	 Final SFR Viaduct



# EB SFR Viaduct - Major Elements-6

Additional width  
required for  
Temp SFR

211 ft +/- Overall Final Dimension at  
Narrowest Location  
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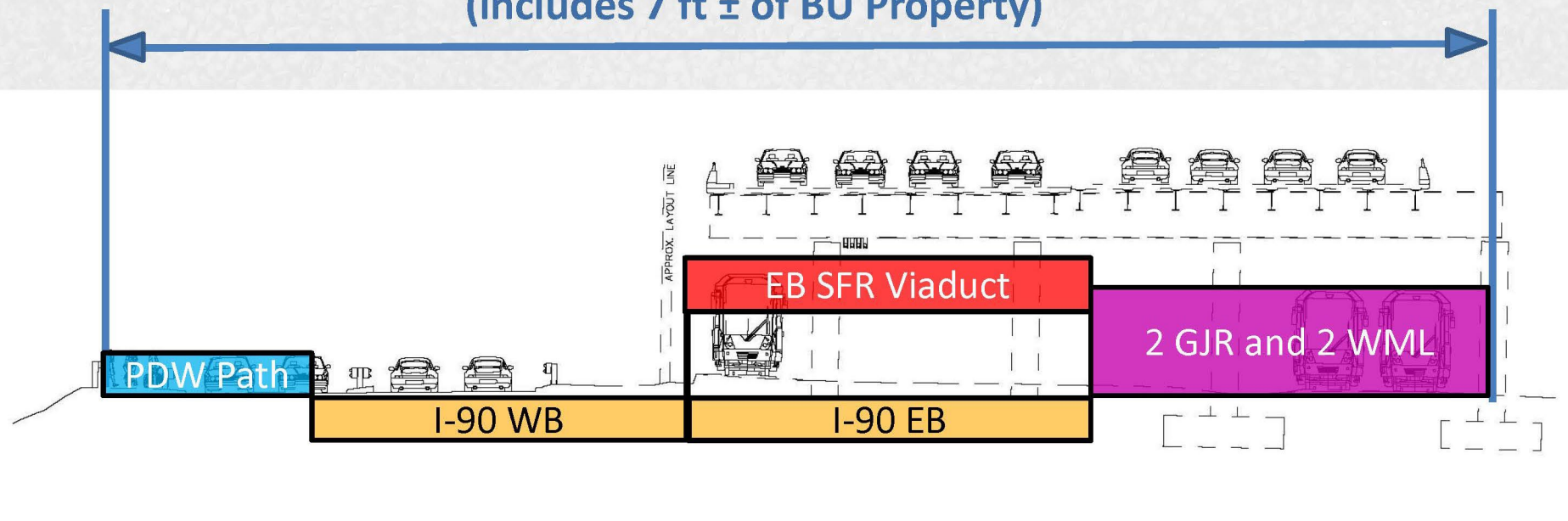
Legend

	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct



# EB SFR Viaduct - Final Condition

211 ft +/- Overall Final Dimension at  
Narrowest Location  
(includes 7 ft ± of BU Property)



## Legend

	Temp I-90/SFR		Final I-90
	Temp/Final WML/GJ		Final SFR Viaduct



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