

I-94 East-West Stadium Interchange Study

DRAFT DECEMBER 2012

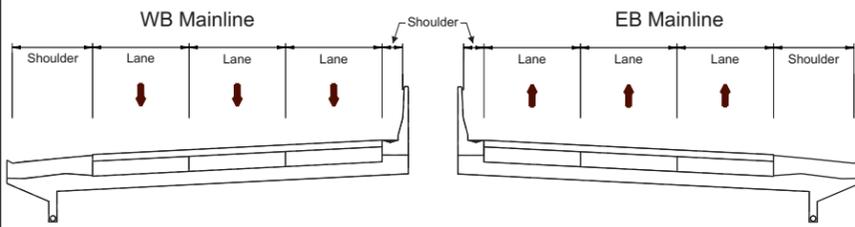
Cross Section Options - Year 2040 Build Analysis

I-94 Between Hawley Road and Mitchell Boulevard



Existing Cross Section

3 Mainline Lanes, Varying Shoulder Widths



Existing Cross Section: 2010 Existing Analysis (Analyzed as a Weave)

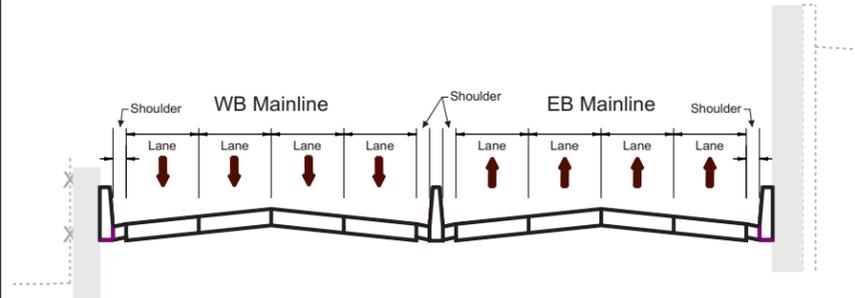
Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	E	F
PM	E	E

Existing Cross Section: 2040 No Build Analysis (Analyzed as a Weave)

Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	F	F
PM	F	F

Options 2A, 2B, and 2C

4 Narrow Mainline Lanes, Narrow Shoulders



Option 2A: Requires Closure of Hawley Rd and Mitchell Blvd Access

Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	D	D
PM	D	E

Option 2B: Analyzed as a 4 Lane Weave

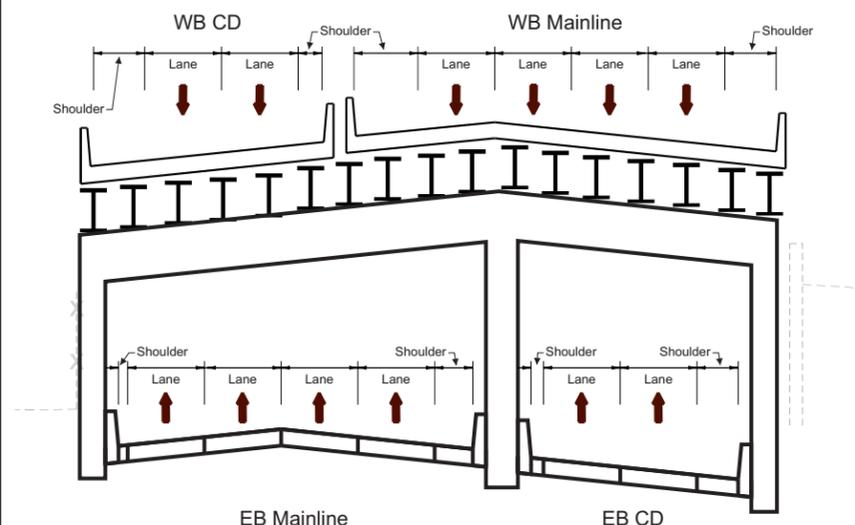
Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	E	E
PM	E	E

Option 2C: Analyzed as a 5 Lane Weave

Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	D	E
PM	D	E

Options 3A, 3B, and 3C

4 Mainline Lanes, 2 Collector-Distributor Lanes



Option 3A: CD Road Access for Hawley Rd and Mitchell Blvd

Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	D	D
PM	D	D

Peak Hour	CD LOS	
	I-94 WB	I-94 EB
AM	A	A
PM	A	A

Option 3B: CD Road Access for Hawley Rd, Mitchell Blvd, and 68th/70th Sts

Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	C	C
PM	C	D

Peak Hour	CD LOS	
	I-94 WB	I-94 EB
AM	A	B
PM	B	B

Option 3C: CD Road Access for Hawley Rd, Mitchell Blvd, and Stadium Interchange

Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	C	C
PM	C	C

Peak Hour	CD LOS	
	I-94 WB	I-94 EB
AM	B	C
PM	B	D

Operations Legend

- No Congestion
 - Moderate Congestion
 - Severe Congestion
 - Extreme Congestion

I-94 East-West Stadium Interchange Study

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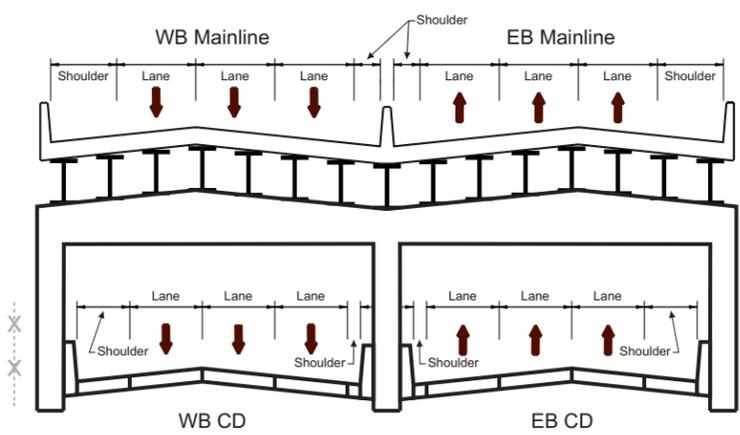
Cross Section Options - Year 2040 Build Analysis

I-94 Between Hawley Road and Mitchell Boulevard



Options 4A, 4B, and 4C

3 Mainline Lanes, 3 Collector-Distributor Lanes



Option 4A: CD Road Access for Hawley Rd and Mitchell Blvd

Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	F	E
PM	F	F

Peak Hour	CD LOS	
	I-94 WB	I-94 EB
AM	A	A
PM	A	A

Option 4B: CD Road Access for Hawley Rd, Mitchell Blvd and 68th/70th Sts

Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	E	E
PM	E	E

Peak Hour	CD LOS	
	I-94 WB	I-94 EB
AM	A	A
PM	A	A

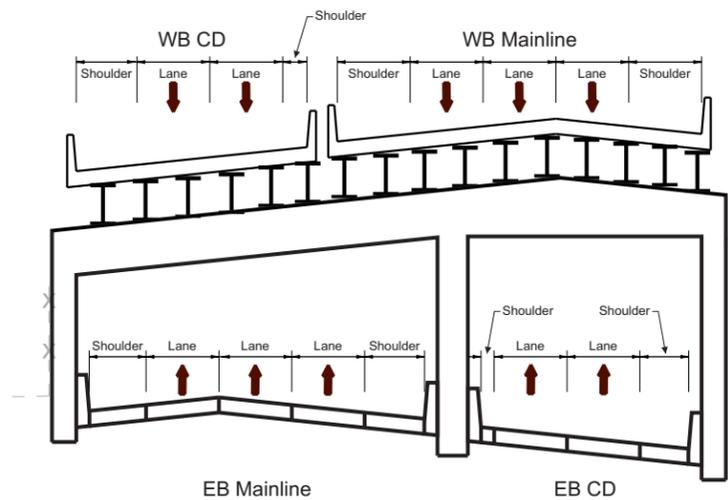
Option 4C: CD Road Access for Hawley Rd, Mitchell Blvd, and Stadium Interchange

Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	D	D
PM	D	D

Peak Hour	CD LOS	
	I-94 WB	I-94 EB
AM	B	B
PM	B	B

Options 5A, 5B, and 5C

3 Mainline Lanes, 2 Collector-Distributor Lanes



Option 5A: CD Road Access for Hawley Rd and Mitchell Blvd

Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	F	E
PM	F	F

Peak Hour	CD LOS	
	I-94 WB	I-94 EB
AM	A	A
PM	A	A

Option 5B: CD Road Access for Hawley Rd, Mitchell Blvd, and 68th/70th Sts

Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	E	E
PM	E	F

Peak Hour	CD LOS	
	I-94 WB	I-94 EB
AM	A	B
PM	B	B

Option 5C: CD Road Access for Hawley Rd, Mitchell Blvd, and Stadium Interchange

Peak Hour	Mainline LOS	
	I-94 WB	I-94 EB
AM	D	D
PM	D	D

Peak Hour	CD LOS	
	I-94 WB	I-94 EB
AM	B	C
PM	B	D

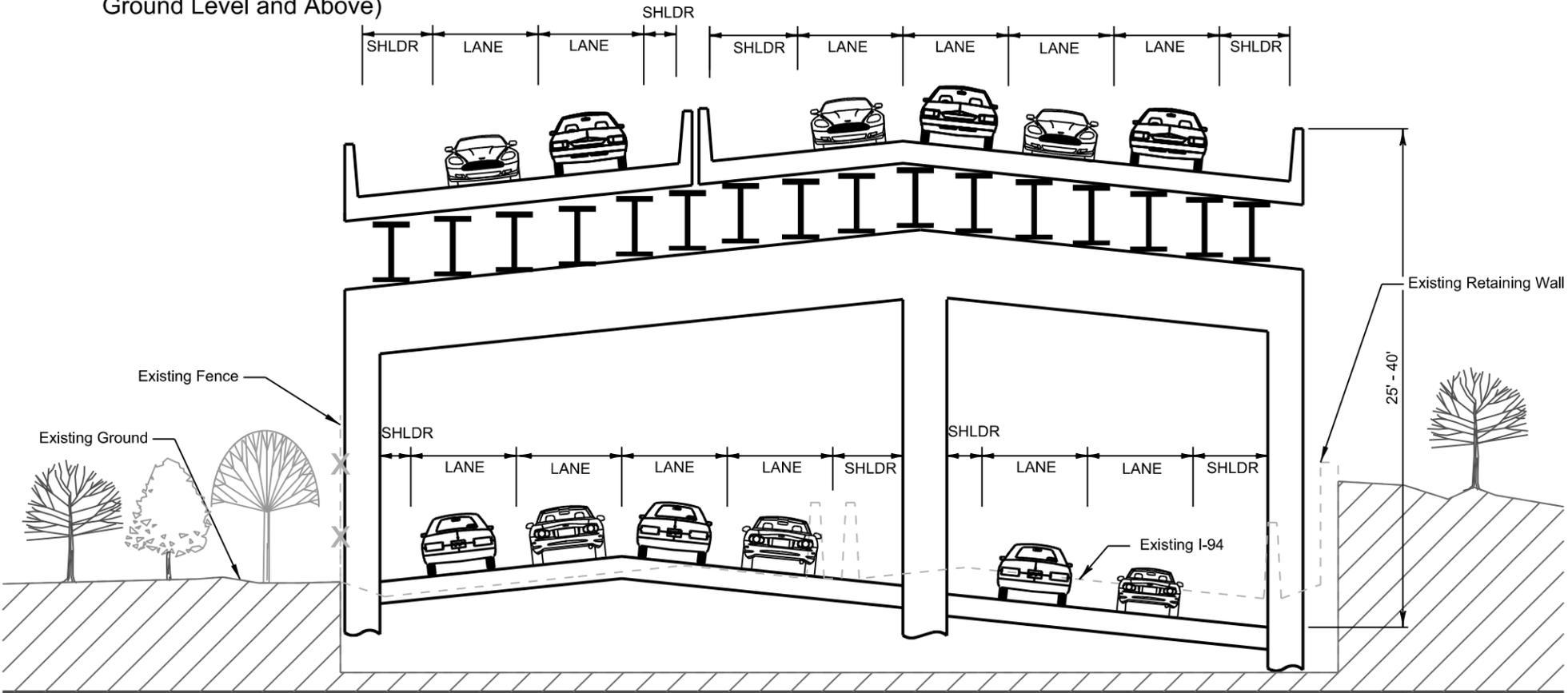
Operations Legend

- No Congestion
 - Moderate Congestion
 - Severe Congestion
 - Extreme Congestion

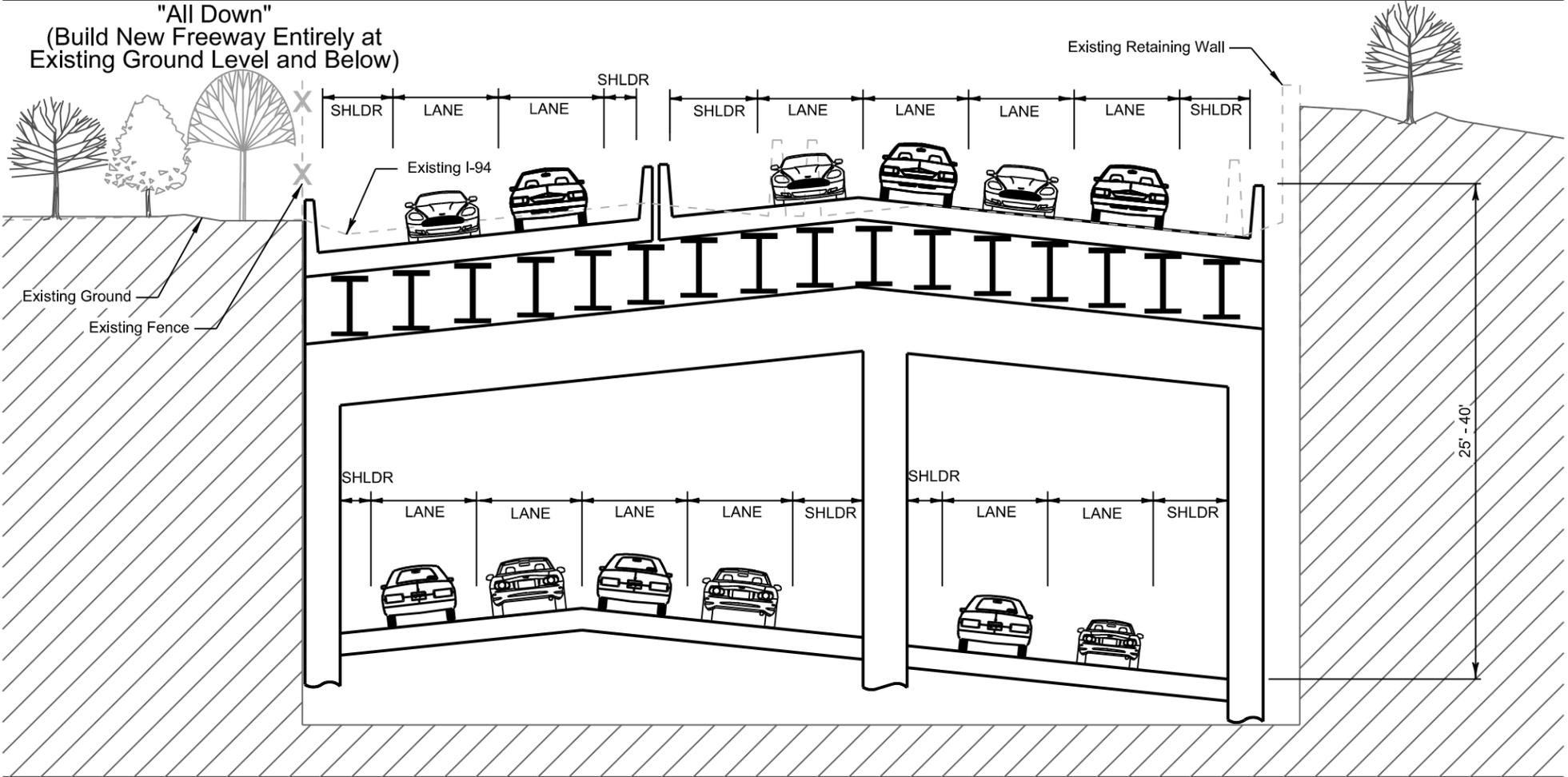
Double-Deck Freeway Sections & Height Relative to Existing Freeway (East of Hawley Rd to West of Stadium Interchange)

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"All Up"
(Build New Freeway Entirely at Existing Ground Level and Above)



"All Down"
(Build New Freeway Entirely at Existing Ground Level and Below)



"Split the Difference"
(Build New Freeway Both Above and Below Existing Freeway)

