

June 2013 Freeway Performance

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Performance Summary Maps

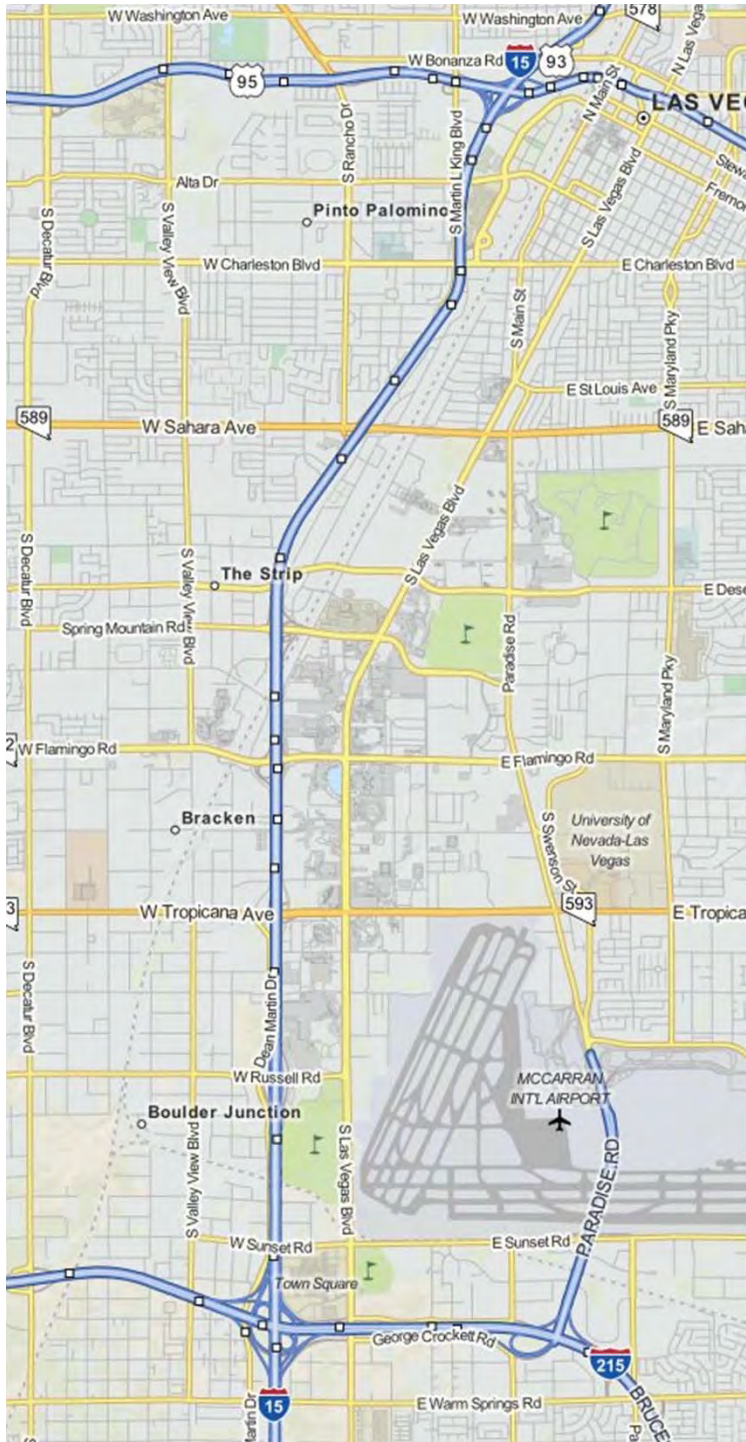
June 2013

- Four sheets are provided that summarize performance trends on I-15, US 95, and I-215
- Trends are shown for sub-corridors that have enough ITS data available to show year-over-year trending
- As data becomes available for other sub-corridors, they will be added to these displays

Performance Summary Maps

June 2013

- Four possible trend arrows are available for each season:
 - Dark green means that congestion performance, extreme congestion events, and crash rates are less than previous year and volume has increased
 - Light green means that most of the above parameters show improvement
 - Yellow arrow means there are some improvements and some decreases in performance
 - Orange means that most parameters show a decrease in performance
- With the exception of the Volume column, if a percent change is negative, **that's a good thing**; it means congestion and traffic incidents are lower than the previous year.



I-15 NB: Flamingo to Charleston

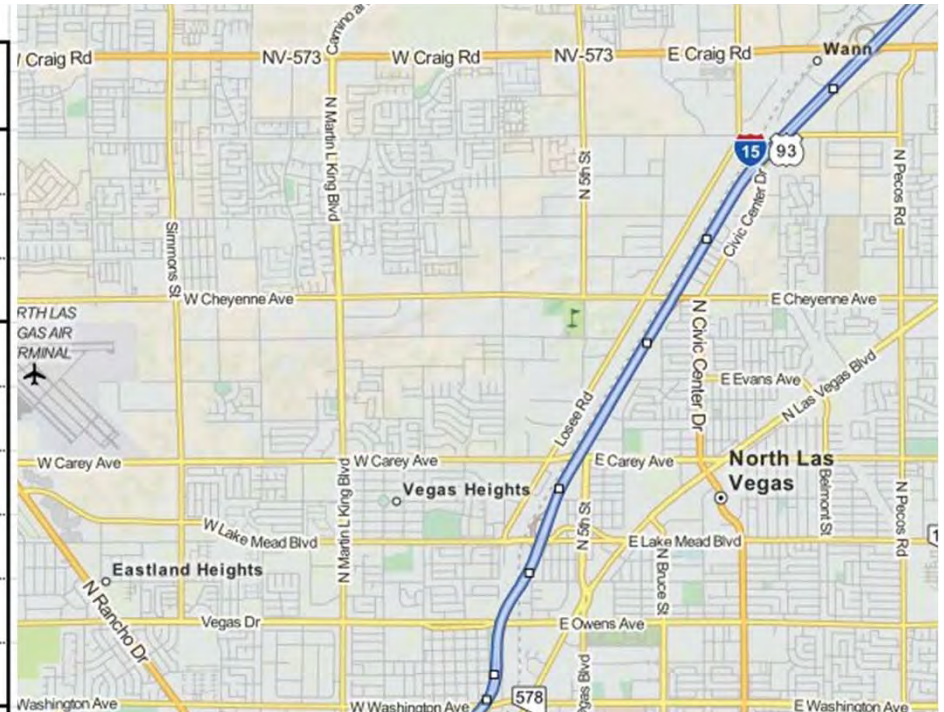
season	yr	percent change					trend
		AM perform	PM perform	++ cong	volume	crash / day	
early sum	13	na	-11.6	-60.0	5.6	-31.3	↑
spr break	13	na	-4.3	-77.8	2.6	-53.3	↑
begin yr	13	na	-23.3	-25.0	2.2	-22.3	↑
holiday	12	na	-28.5	-63.6	3.8	-21.1	↑
fall	12	na	-28.0	-15.8	8.7	-30.5	↑
summer	12	na	7.0	-13.8	7.9	7.7	↔
early sum	12	na	-2.5	-16.7	5.5	12.2	↑
spr break	12	na	-13.3	-25.0	4.5	47.3	↑
begin yr	12	na	2.8	-30.4	na	53.4	↔
holiday	11	na	-13.8	-42.1	na	71.4	↔

I-15 NB: I-215 to Flamingo

season	yr	percent change					trend
		AM perform	PM perform	++ cong	volume	crash / day	
early sum	13	-58.5	-39.0	-71.4	3.3	47.4	↑
spr break	13	-47.6	0.0	-100.0	3.5	8.7	↑
begin yr	13	-36.4	-39.8	-42.9	1.8	-23.5	↑
holiday	12	-59.0	-70.3	-85.7	4.2	-43.6	↑
fall	12	-93.1	-68.9	-79.2	12.3	50.0	↑
summer	12	-88.1	-47.0	-86.6	10.2	-62.7	↑
early sum	12	-89.6	-71.9	-78.1	6.9	-69.4	↑
spr break	12	-90.6	-90.3	-82.4	2.9	-74.4	↑
begin yr	12	-93.6	-52.1	-68.2	0.3	-22.7	↑

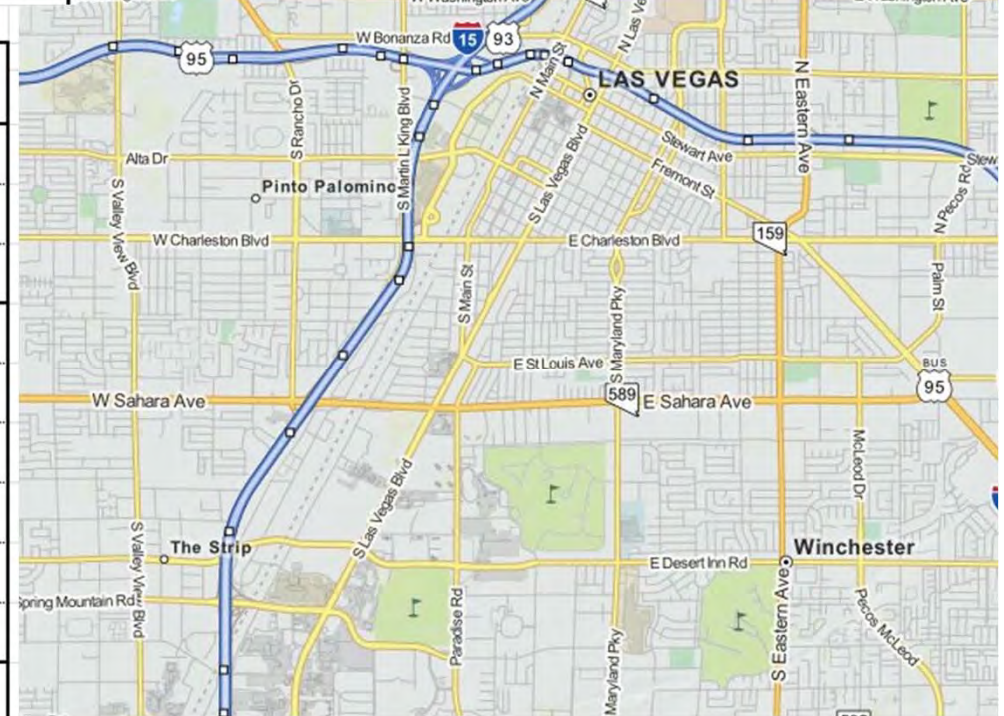
I-15 SB: Craig to Washington

season	yr	percent change					trend
		AM perform	PM perform	++ cong	volume	crash / day	
early sum	13	na	na	na	5.4	125.0	
spr break	13	na	na	na	9.7	-100.0	
begin yr	13	na	na	na	4.5	16.7	
holiday	12	na	na	na	na	180.0	
fall	12	na	na	na	na	66.7	
summer	12	na	na	na	na	108.3	
early sum	12	na	na	na	na	-63.6	
spr break	12	na	na	na	na	-58.8	
begin yr	12	na	na	na	na	140.0	



I-15 SB: Washington to Flamingo

season	yr	percent change					trend
		AM perform	PM perform	++ cong	volume	crash / day	
early sum	13	11.8	56.1	-40.0	8.2	12.9	↓
spr break	13	32.8	25.9	-100.0	2.2	200.0	↓
begin yr	13	-12.0	14.7	-36.8	0.8	-44.7	↑
holiday	12	-19.3	-13.9	50.0	2.9	-30.4	↑
fall	12	-39.1	-36.9	-69.4	4.5	16.0	↑
summer	12	75.3	49.7	55.6	3.2	37.5	↓
early sum	12	1.8	8.6	150.0	-4.8	47.6	↓
spr break	12	-12.8	18.9	0.0	0.2	-82.5	↑
begin yr	12	20.8	24.1	58.3	-1.7	88.0	↓
holiday	11	97.4	-4.2	-71.4	-5.2	na	↔





US 95 NB: MLK to Rainbow

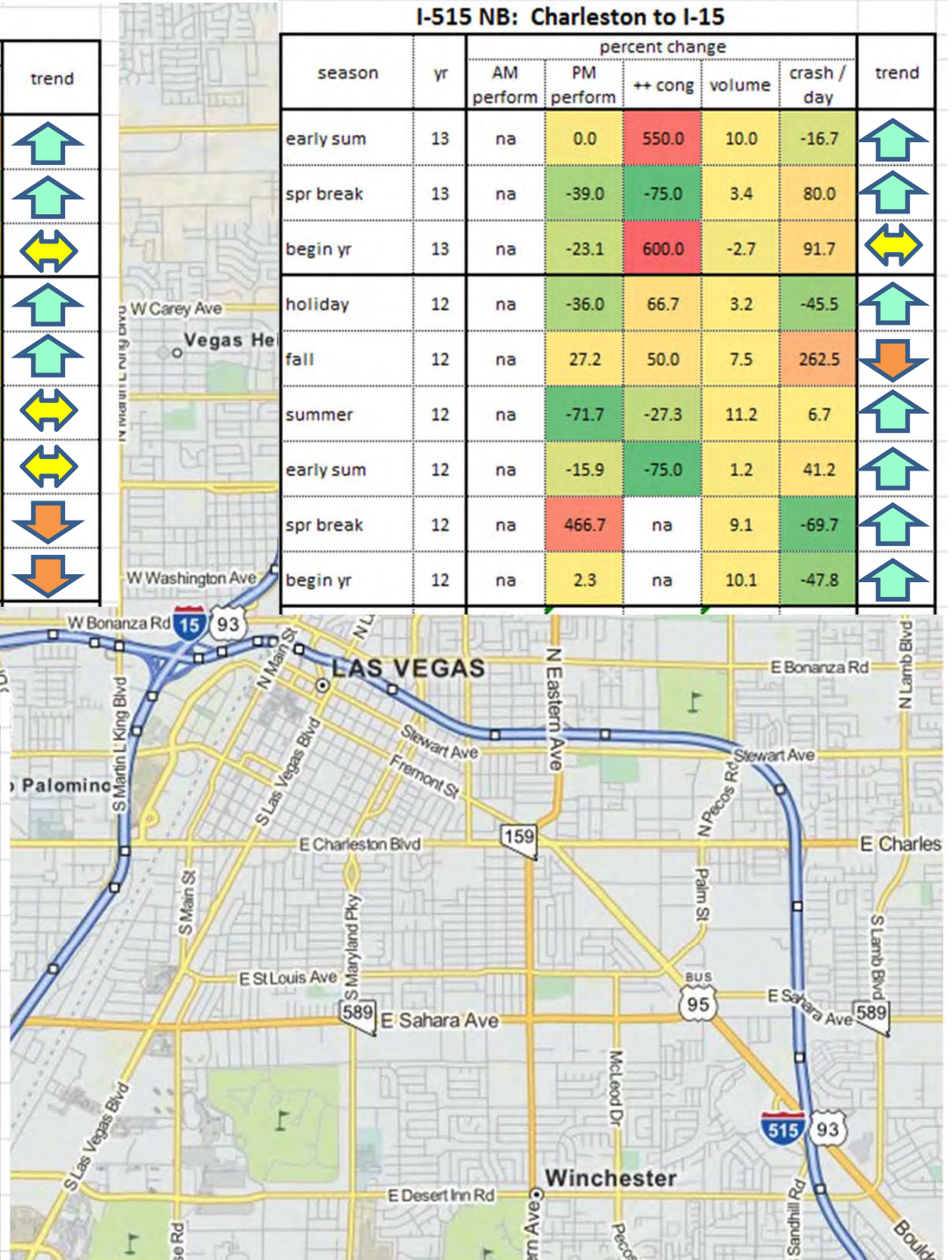
season	yr	percent change					crash / day	trend
		AM perform	PM perform	++ cong	volume			
early sum	13	0.0	-52.1	-100.0	16.1	233.3	↑	
spr break	13	37.5	-63.2	-100.0	10.1	-65.0	↑	
begin yr	13	-40.0	-36.8	100.0	8.3	137.5	↔	
holiday	12	50.0	-71.0	-33.3	na	-37.5	↑	
fall	12	-30.0	-52.1	-50.0	na	9.1	↑	
summer	12	360.0	25.0	-100.0	na	-47.4	↔	
early sum	12	0.0	156.9	0.0	na	-18.2	↔	
spr break	12	100.0	800.0	0.0	na	100.0	↓	
begin yr	12	15.4	103.8	0.0	na	60.0	↓	

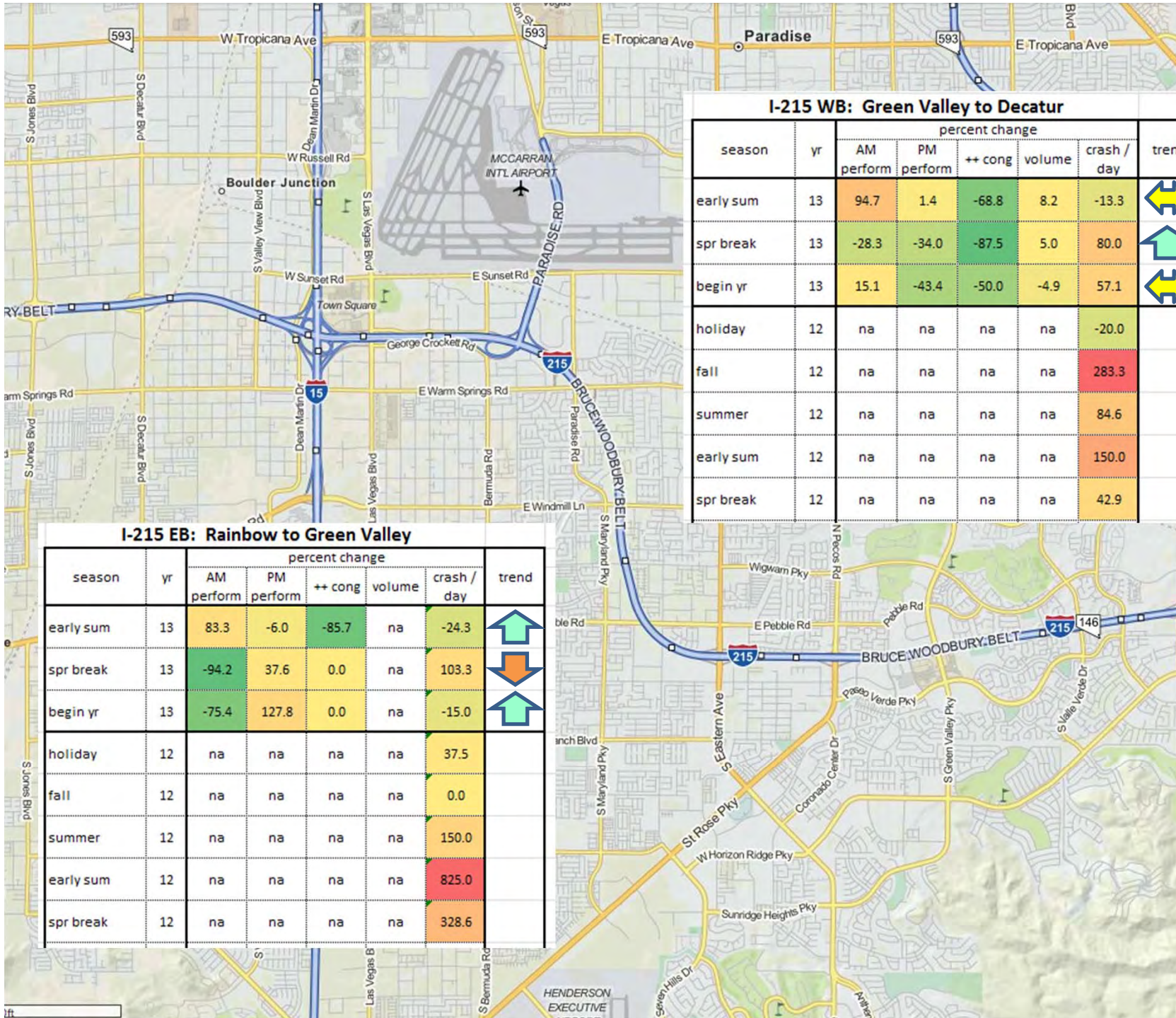
I-515 NB: Charleston to I-15

season	yr	percent change					crash / day	trend
		AM perform	PM perform	++ cong	volume			
early sum	13	na	0.0	550.0	10.0	-16.7	↑	
spr break	13	na	-39.0	-75.0	3.4	80.0	↑	
begin yr	13	na	-23.1	600.0	-2.7	91.7	↔	
holiday	12	na	-36.0	66.7	3.2	-45.5	↑	
fall	12	na	27.2	50.0	7.5	262.5	↓	
summer	12	na	-71.7	-27.3	11.2	6.7	↑	
early sum	12	na	-15.9	-75.0	1.2	41.2	↑	
spr break	12	na	466.7	na	9.1	-69.7	↑	
begin yr	12	na	2.3	na	10.1	-47.8	↑	

US 95 SB: Rainbow Curve to Las Vegas Blvd

season	yr	percent change					crash / day	trend
		AM perform	PM perform	++ cong	volume			
early sum	13	47.0	95.0	200.0	9.1	-11.5	↓	
spr break	13	21.4	24.1	200.0	7.6	-42.0	↓	
begin yr	13	28.8	13.2	28.6	1.8	16.2	↓	
holiday	12	41.7	16.1	200.0	4.3	-18.6	↓	
fall	12	38.7	33.9	50.0	8.6	-25.0	↓	
summer	12	169.0	77.5	0.0	5.4	10.5	↓	
early sum	12	48.0	42.9	100.0	-0.3	30.0	↓	
spr break	12	-18.2	24.4	-50.0	1.1	25.0	↔	





I-215 WB: Green Valley to Decatur

season	yr	percent change					trend
		AM perform	PM perform	++ cong	volume	crash / day	
early sum	13	94.7	1.4	-68.8	8.2	-13.3	↔
spr break	13	-28.3	-34.0	-87.5	5.0	80.0	↑
begin yr	13	15.1	-43.4	-50.0	-4.9	57.1	↔
holiday	12	na	na	na	na	-20.0	
fall	12	na	na	na	na	283.3	
summer	12	na	na	na	na	84.6	
early sum	12	na	na	na	na	150.0	
spr break	12	na	na	na	na	42.9	

I-215 EB: Rainbow to Green Valley

season	yr	percent change					trend
		AM perform	PM perform	++ cong	volume	crash / day	
early sum	13	83.3	-6.0	-85.7	na	-24.3	↑
spr break	13	-94.2	37.6	0.0	na	103.3	↓
begin yr	13	-75.4	127.8	0.0	na	-15.0	↑
holiday	12	na	na	na	na	37.5	
fall	12	na	na	na	na	0.0	
summer	12	na	na	na	na	150.0	
early sum	12	na	na	na	na	825.0	
spr break	12	na	na	na	na	328.6	

Performance Highlights







- I-15 Design-Build South subcorridors show positive trending. Note that I-15 SB data has not been compiled yet, and this data does not include access roads which experience frequent peak period congestion
- I-15 NB near Sahara has several months of positive trending that is partly attributable to enhanced NHP patrols and assistance by FSP
- I-15 SB between Washington and Sahara and US 95 SB heading into the Spaghetti Bowl show mostly decreasing performance trends. This is likely due to increasing volumes and the need for the improvements provided in Project Neon
- US 95 NB north of the Spaghetti Bowl has recent positive trending due to completion of the HOV flyover bridge and the US 95 widening north of Rainbow Curve

Performance (reliability) Scores

- The following two slides summarize the performance scores for the 22 sub-corridors currently being evaluated.
- 2013 scores are emphasized with larger font size and wider columns

I-15 SB: Craig to California Stateline










I-15 NB: California Stateline to Craig

	13	12	11	10	9	13	12	11	10	9		13	12	11	10	9	13	12	11	10	9	
	AM					PM						AM					PM					
Craig-Washington												Charleston-Craig										
holiday												holiday										
fall												fall										
summer	83					150						summer	50					0				
early summer	39					17						early summer	61					55				
spring break	21					0						spring break	72					93				
begin year	43					30						begin year	9					29				
Wash-Sahara												Flam-Charleston										
holiday		121	150	76	195		198	230	240	531		holiday						273	382	443	428	
fall		204	335	153	479		257	407	243	663		fall						340	472	410	458	
summer	133	277	158	231		100	220	147	276			summer						217	397	371	422	
early summer	208	169	166	368		192	139	128	457			early summer						304	344	353	319	
spring break	154	116	133	233		214	170	143	507			spring break						357	373	430	400	
begin year	169	192	159	208		266	232	187	373			begin year						309	403	392	396	
Sahara-215												215-Flamingo										
holiday		4	27	73	30		46	189	183	102		holiday		16	39	12	98		98	330	198	451
fall		25	98	60	220		32	363	245	451		fall		14	202	55	407		110	354	113	510
summer	0	31	65	37		50	57	364	202			summer	0	16	135	15		0	237	447	213	
early summer	6	56	65	4		39	87	178	88			early summer	26	41	396	51		50	146	519	225	
spring break	11	10	0	16		0	47	217	110			spring break	11	21	223	83		54	233	557	287	
begin year	5	21	39	18		24	100	163	82			begin year	7	11	173	17		77	128	267	85	
215-St Rose												St Rose-215										
holiday												holiday										
fall												fall										
summer	0					0						summer	0					0				
early summer	11					6						early summer	0					33				
spring break	0					0						spring break	0					0				
begin year	0					0						begin year	0					0				
St Rose-California												California-St Rose										
holiday												holiday										
fall												fall										
summer	0					100						summer	0					0				
early summer	29					48						early summer	0					7				
spring break	0					72						spring break	0					0				
begin year	0					50						begin year	0					0				

US 95 SB: Ann to College

US 95 NB: Horizon to Ann

215: Rainbow & Green Valley

US 95 SB: Ann to College				US 95 NB: Horizon to Ann				215: Rainbow & Green Valley						
	13	12	11	13	12	11		13	12	11	13	12	11	
	AM			PM				am			pm			
Ann-Rainbow														
holiday		79	107		6	88		holiday		0	0		12	244
fall		92	94		19	52		fall		7	10		76	240
summer	50	75	107	0	37	73		summer	0	39	3	0	118	123
early summer	43	170	145	17	65	64		early summer	0	11	0	6	119	181
spring break	50	157	150	0	60	17		spring break	0	0	10	0	43	148
begin year	68	181	180	5	86	18		begin year	0	38	4	0	114	207
Rainbow-LV Blvd								MLK-Rainbow						
holiday		68	48		130	112		holiday		18	0		36	124
fall		154	111		162	121		fall		7	10		56	117
summer	33	78	29	50	71	40		summer	0	23	5	0	95	76
early summer	186	151	102	165	80	56		early summer	0	0	0	80	167	65
spring break	136	112	137	139	112	90		spring break	11	0	0	43	117	13
begin year	170	132	96	171	151	122		begin year	9	15	13	103	163	80
LV Blvd-Charleston								Eastern-MLK						
holiday		12	14		24	70		holiday		4	24		73	114
fall		7	4		5	31		fall		55	21		173	136
summer	0	8		50	48			summer	50	33	21	0	45	159
early summer	0	0		43	4			early summer	6	4	26	107	122	145
spring break	0	0		0	33			spring break	18	7	0	114	187	33
begin year	21	0		51	44			begin year	44	5	11	103	134	131
Charleston-Tropicana								Tropicana-Eastern						
holiday								holiday						
fall								fall						
summer	0			0				summer	0			83		
early summer	6			17				early summer	90			195		
spring break	8			16				spring break	64			111		
begin year	9			9				begin year	77			169		
Tropicana-College								Horizon-Tropicana						
holiday								holiday						
fall								fall						
summer	0			150				summer	100			0		
early summer	6			11				early summer	11			33		
spring break	11			29				spring break	0			0		
begin year	9			18				begin year	6			0		
EB Rainbow-Green Valley								WB Green Valley-Rainbow						
holiday					24			holiday			49			151
fall					125			fall			124			246
summer	50				113			summer	33		46			133
early summer	44				24			early summer	128		94			181
spring break	11				190			spring break	86		120			229
begin year	16				65			begin year	107		93			231