

I-15 Northbound with 2025 AM Traffic										
7:00 to 7:15										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
South of Sahara Off-R	Basic	59.7	27.9	D	1.4	300.6	8330	8336	99.9%	3.3
Sahara Off-R to Sahara On-R	Basic	60.7	29.6	D	1.7	328.2	7191	7228	99.5%	3.4
Sahara On-R to Charleston Off-R	Weave	58.4	29.4	D	3.8	1056.3	8589	8764	98.0%	9.0
Charleston Off-R to Charleston On-R	Basic	56.1	33.6	D	3.7	1266.1	7502	7704	97.4%	7.7
Charleston On-R to US 95 WB	Weave	58.5	23.3	C	1.8	1633.7	8179	8412	97.2%	4.1
US 95 WB & MLK to EB US 95	Basic	59.4	19.7	C	1.4	334.1	6043	6249	96.7%	2.4
North of EB US 95	Basic	61.3	27.8	D	1.0	110.8	5108	5260	97.1%	1.4

I-15 Southbound with 2025 AM Traffic										
7:00 to 7:15										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
North of WB US 95 On-R	Basic	62.2	29.1	D	0.4	47.7	5292	5316	99.5%	0.6
WB US 95 On-R to Charleston Off-R	Basic	61.2	22.1	C	1.7	1099.8	7046	7080	99.5%	3.3
Charleston Off-R to Sahara Off-R	Basic	57.1	27.8	D	3.1	422.2	6339	6308	100.5%	5.4
Sahara Off-R to Charleston On-R	Basic	59.9	33.3	D	2.7	225.6	5983	5960	100.4%	4.5
Charleston On-R to CD Rd On-R	Merge	52.3	38.2	E	4.0	378.5	6620	6652	99.5%	7.3
CD Rd On-R to Sahara On-R	Merge	58.9	31.1	D	3.2	539.1	7672	7760	98.9%	6.7
South of Sahara On-R	Basic	60.2	27.0	D	1.8	438.9	8531	8716	97.9%	4.2

CD Road Southbound with 2025 AM Traffic										
7:00 to 7:15										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
MLK On-R to Charleston Off-R	Basic	43.7	16.9	B	1.2	566.2	2220	2208	100.5%	0.7
Charleston Off-R to Pinto Rd On-R	Basic	56.9	17.2	B	3.1	238.1	1918	1920	99.9%	1.7
Pinto Rd On-R to Sahara Off-R	Weave	61.6	13.0	B	0.5	317.6	2399	2368	101.3%	0.4
Sahara Off-R to CD Merge onto Mainline	Basic	63.7	8.2	A	0.7	31.6	1046	1104	94.8%	0.2

DRAFT

I-15 Northbound with 2025 AM Traffic										
7:15 to 7:30										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
South of Sahara Off-R	Basic	59.5	28.5	D	1.5	321.0	8646	8696	99.4%	3.6
Sahara Off-R to Sahara On-R	Basic	60.6	30.3	D	1.7	341.7	7492	7544	99.3%	3.6
Sahara On-R to Charleston Off-R	Weave	58.1	30.1	D	3.9	1113.4	8890	9148	97.2%	9.6
Charleston Off-R to Charleston On-R	Basic	56.1	34.0	D	3.7	1281.0	7705	8048	95.7%	7.9
Charleston On-R to US 95 WB	Weave	58.2	23.7	C	1.9	1687.9	8370	8776	95.4%	4.4
US 95 WB & MLK to EB US 95	Basic	59.4	19.9	C	1.5	327.9	6181	6523	94.8%	2.5
North of EB US 95	Basic	61.3	28.1	D	1.0	109.8	5221	5492	95.1%	1.4

I-15 Southbound with 2025 AM Traffic										
7:15 to 7:30										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
North of WB US 95 On-R	Basic	62.1	29.8	D	0.4	50.1	5555	5552	100.1%	0.7
WB US 95 On-R to Charleston Off-R	Basic	61.1	22.7	C	1.7	1136.8	7372	7384	99.8%	3.5
Charleston Off-R to Sahara Off-R	Basic	56.6	28.7	D	3.3	480.8	6612	6584	100.4%	6.0
Sahara Off-R to Charleston On-R	Basic	59.7	34.0	D	2.8	225.2	6193	6224	99.5%	4.8
Charleston On-R to CD Rd On-R	Merge	52.4	38.9	E	4.0	392.1	6910	6944	99.5%	7.6
CD Rd On-R to Sahara On-R	Merge	58.8	31.8	D	3.3	533.5	7970	8096	98.4%	7.2
South of Sahara On-R	Basic	60.1	27.6	D	1.8	475.4	8910	9100	97.9%	4.5

CD Road Southbound with 2025 AM Traffic										
7:15 to 7:30										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
MLK On-R to Charleston Off-R	Basic	43.7	17.3	B	1.2	591.3	2313	2304	100.4%	0.8
Charleston Off-R to Pinto Rd On-R	Basic	56.9	17.5	B	3.2	249.4	1993	2004	99.4%	1.8
Pinto Rd On-R to Sahara Off-R	Weave	61.5	13.1	B	0.6	320.9	2451	2476	99.0%	0.4
Sahara Off-R to CD Merge onto Mainline	Basic	63.7	8.4	A	0.7	35.8	1084	1157	93.6%	0.2

DRAFT

I-15 Northbound with 2025 AM Traffic										
7:30 to 7:45										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
South of Sahara Off-R	Basic	59.2	29.2	D	1.6	359.0	8924	8948	99.7%	4.0
Sahara Off-R to Sahara On-R	Basic	60.5	30.9	D	1.8	359.3	7773	7764	100.1%	3.8
Sahara On-R to Charleston Off-R	Weave	57.7	30.8	D	4.1	1170.3	9216	9412	97.9%	10.5
Charleston Off-R to Charleston On-R	Basic	56.0	34.7	D	3.8	1344.8	7986	8280	96.5%	8.4
Charleston On-R to US 95 WB	Weave	58.2	24.1	C	1.9	1763.7	8704	9032	96.4%	4.6
US 95 WB & MLK to EB US 95	Basic	59.4	20.1	C	1.5	334.0	6344	6711	94.5%	2.6
North of EB US 95	Basic	61.2	28.4	D	1.0	112.0	5334	5648	94.4%	1.4

I-15 Southbound with 2025 AM Traffic										
7:30 to 7:45										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
North of WB US 95 On-R	Basic	62.1	30.3	D	0.4	50.0	5696	5712	99.7%	0.7
WB US 95 On-R to Charleston Off-R	Basic	61.0	23.1	C	1.7	1163.2	7582	7596	99.8%	3.7
Charleston Off-R to Sahara Off-R	Basic	56.0	29.4	D	3.5	519.5	6795	6772	100.3%	6.7
Sahara Off-R to Charleston On-R	Basic	59.5	34.7	D	2.9	219.0	6398	6404	99.9%	5.2
Charleston On-R to CD Rd On-R	Merge	52.3	39.7	E	4.0	386.0	7098	7144	99.4%	7.9
CD Rd On-R to Sahara On-R	Merge	58.6	32.4	D	3.4	573.6	8183	8328	98.3%	7.7
South of Sahara On-R	Basic	60.1	28.1	D	1.9	478.9	9137	9360	97.6%	4.7

CD Road Southbound with 2025 AM Traffic										
7:30 to 7:45										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
MLK On-R to Charleston Off-R	Basic	43.7	17.5	B	1.2	612.7	2360	2372	99.5%	0.8
Charleston Off-R to Pinto Rd On-R	Basic	56.9	17.8	B	3.2	262.1	2038	2060	98.9%	1.8
Pinto Rd On-R to Sahara Off-R	Weave	61.4	13.3	B	0.6	340.3	2517	2548	98.8%	0.4
Sahara Off-R to CD Merge onto Mainline	Basic	63.7	8.4	A	0.7	30.7	1089	1176	92.6%	0.2

DRAFT

I-15 Northbound with 2025 AM Traffic										
7:45 to 8:00										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
South of Sahara Off-R	Basic	59.1	29.3	D	1.6	338.6	8770	8740	100.3%	4.0
Sahara Off-R to Sahara On-R	Basic	60.5	31.1	D	1.8	329.0	7606	7584	100.3%	3.8
Sahara On-R to Charleston Off-R	Weave	57.7	31.0	D	4.1	1086.5	9061	9196	98.5%	10.3
Charleston Off-R to Charleston On-R	Basic	55.9	35.0	D	3.9	1290.6	7945	8088	98.2%	8.5
Charleston On-R to US 95 WB	Weave	58.1	24.3	C	1.9	1765.3	8669	8820	98.3%	4.6
US 95 WB & MLK to EB US 95	Basic	59.3	20.3	C	1.5	351.0	6359	6557	97.0%	2.6
North of EB US 95	Basic	61.1	28.7	D	1.0	108.9	5367	5520	97.2%	1.5

I-15 Southbound with 2025 AM Traffic										
7:45 to 8:00										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
North of WB US 95 On-R	Basic	62.1	30.4	D	0.4	47.5	5607	5580	100.5%	0.7
WB US 95 On-R to Charleston Off-R	Basic	61.0	23.2	C	1.7	1141.8	7436	7420	100.2%	3.6
Charleston Off-R to Sahara Off-R	Basic	56.0	29.6	D	3.6	490.5	6657	6616	100.6%	6.6
Sahara Off-R to Charleston On-R	Basic	59.5	34.8	D	2.9	206.2	6265	6252	100.2%	5.1
Charleston On-R to CD Rd On-R	Merge	52.5	39.7	E	3.9	370.9	6986	6980	100.1%	7.6
CD Rd On-R to Sahara On-R	Merge	58.6	32.6	D	3.4	554.3	8108	8136	99.7%	7.6
South of Sahara On-R	Basic	60.0	28.2	D	1.9	473.1	9045	9144	98.9%	4.7

CD Road Southbound with 2025 AM Traffic										
7:45 to 8:00										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
MLK On-R to Charleston Off-R	Basic	43.7	17.5	B	1.2	604.5	2308	2316	99.6%	0.8
Charleston Off-R to Pinto Rd On-R	Basic	56.9	17.8	B	3.2	242.3	1988	2016	98.6%	1.7
Pinto Rd On-R to Sahara Off-R	Weave	61.4	13.4	B	0.6	325.2	2488	2488	100.0%	0.4
Sahara Off-R to CD Merge onto Mainline	Basic	63.6	8.5	A	0.7	33.2	1095	1158	94.6%	0.2

DRAFT

I-15 Northbound with 2025 AM Traffic										
8:00 to 8:15										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
South of Sahara Off-R	Basic	59.0	29.4	D	1.7	348.9	8766	8732	100.4%	4.0
Sahara Off-R to Sahara On-R	Basic	60.5	31.1	D	1.8	344.3	7572	7576	99.9%	3.7
Sahara On-R to Charleston Off-R	Weave	57.7	31.0	D	4.1	1097.6	8961	9184	97.6%	10.2
Charleston Off-R to Charleston On-R	Basic	55.9	35.0	E	3.9	1320.1	7848	8080	97.1%	8.4
Charleston On-R to US 95 WB	Weave	58.0	24.4	C	1.9	1747.2	8568	8812	97.2%	4.6
US 95 WB & MLK to EB US 95	Basic	59.3	20.3	C	1.5	340.4	6225	6549	95.1%	2.6
North of EB US 95	Basic	61.2	28.7	D	1.0	105.7	5251	5512	95.3%	1.4

I-15 Southbound with 2025 AM Traffic										
8:00 to 8:15										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
North of WB US 95 On-R	Basic	62.1	30.5	D	0.4	44.3	5582	5572	100.2%	0.7
WB US 95 On-R to Charleston Off-R	Basic	61.0	23.2	C	1.7	1154.4	7431	7416	100.2%	3.6
Charleston Off-R to Sahara Off-R	Basic	56.0	29.6	D	3.6	494.3	6677	6608	101.0%	6.6
Sahara Off-R to Charleston On-R	Basic	59.6	34.9	D	2.9	222.4	6303	6248	100.9%	5.1
Charleston On-R to CD Rd On-R	Merge	52.5	39.7	E	3.9	384.4	6965	6972	99.9%	7.6
CD Rd On-R to Sahara On-R	Merge	58.6	32.6	D	3.4	556.8	8015	8128	98.6%	7.5
South of Sahara On-R	Basic	60.1	28.2	D	1.8	457.6	8900	9136	97.4%	4.6

CD Road Southbound with 2025 AM Traffic										
8:00 to 8:15										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
MLK On-R to Charleston Off-R	Basic	43.7	17.6	B	1.2	589.8	2321	2312	100.4%	0.8
Charleston Off-R to Pinto Rd On-R	Basic	56.9	17.8	B	3.1	262.5	1990	2012	98.9%	1.7
Pinto Rd On-R to Sahara Off-R	Weave	61.5	13.4	B	0.6	329.3	2482	2484	99.9%	0.4
Sahara Off-R to CD Merge onto Mainline	Basic	63.7	8.4	A	0.6	27.2	1064	1156	92.0%	0.2

DRAFT

I-15 Northbound with 2025 AM Traffic										
8:15 to 8:30										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
South of Sahara Off-R	Basic	59.0	29.4	D	1.7	318.3	8690	8724	99.6%	4.0
Sahara Off-R to Sahara On-R	Basic	60.5	31.1	D	1.8	339.0	7511	7568	99.3%	3.7
Sahara On-R to Charleston Off-R	Weave	57.7	31.0	D	4.1	1135.2	8968	9176	97.7%	10.3
Charleston Off-R to Charleston On-R	Basic	55.9	35.1	E	3.9	1280.5	7848	8072	97.2%	8.4
Charleston On-R to US 95 WB	Weave	57.9	24.5	C	2.0	1716.2	8561	8804	97.2%	4.7
US 95 WB & MLK to EB US 95	Basic	59.2	20.4	C	1.5	362.4	6357	6541	97.2%	2.7
North of EB US 95	Basic	61.1	28.8	D	1.0	104.2	5405	5508	98.1%	1.5

I-15 Southbound with 2025 AM Traffic										
8:15 to 8:30										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
North of WB US 95 On-R	Basic	62.1	30.5	D	0.4	50.0	5561	5568	99.9%	0.7
WB US 95 On-R to Charleston Off-R	Basic	61.0	23.2	C	1.7	1137.9	7414	7408	100.1%	3.6
Charleston Off-R to Sahara Off-R	Basic	55.9	29.7	D	3.6	503.0	6670	6604	101.0%	6.7
Sahara Off-R to Charleston On-R	Basic	59.6	34.9	D	2.9	217.2	6309	6240	101.1%	5.1
Charleston On-R to CD Rd On-R	Merge	52.7	39.7	E	3.9	369.3	7006	6964	100.6%	7.5
CD Rd On-R to Sahara On-R	Merge	58.6	32.7	D	3.4	547.5	8102	8120	99.8%	7.6
South of Sahara On-R	Basic	60.0	28.2	D	1.9	455.5	9005	9124	98.7%	4.6

CD Road Southbound with 2025 AM Traffic										
8:15 to 8:30										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
MLK On-R to Charleston Off-R	Basic	43.7	17.6	B	1.2	603.0	2304	2312	99.6%	0.8
Charleston Off-R to Pinto Rd On-R	Basic	56.9	17.8	B	3.2	250.8	1994	2012	99.1%	1.7
Pinto Rd On-R to Sahara Off-R	Weave	61.5	13.4	B	0.6	323.3	2485	2484	100.0%	0.4
Sahara Off-R to CD Merge onto Mainline	Basic	63.6	8.5	A	0.7	36.5	1114	1153	96.6%	0.2

DRAFT

I-15 Northbound with 2025 AM Traffic										
8:30 to 8:45										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
South of Sahara Off-R	Basic	59.0	29.5	D	1.7	338.6	8676	8696	99.8%	4.0
Sahara Off-R to Sahara On-R	Basic	60.5	31.1	D	1.8	359.3	7544	7544	100.0%	3.7
Sahara On-R to Charleston Off-R	Weave	57.7	31.0	D	4.1	1042.8	8858	9148	96.8%	10.1
Charleston Off-R to Charleston On-R	Basic	55.9	35.0	E	3.9	1285.0	7757	8048	96.4%	8.3
Charleston On-R to US 95 WB	Weave	58.0	24.4	C	1.9	1675.8	8453	8776	96.3%	4.6
US 95 WB & MLK to EB US 95	Basic	59.2	20.4	C	1.5	327.4	6199	6523	95.0%	2.6
North of EB US 95	Basic	61.1	28.8	D	1.0	110.4	5231	5492	95.3%	1.5

I-15 Southbound with 2025 AM Traffic										
8:30 to 8:45										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
North of WB US 95 On-R	Basic	62.1	30.5	D	0.4	49.4	5532	5552	99.6%	0.7
WB US 95 On-R to Charleston Off-R	Basic	61.0	23.2	C	1.7	1140.1	7338	7384	99.4%	3.6
Charleston Off-R to Sahara Off-R	Basic	55.9	29.7	D	3.6	492.4	6592	6584	100.1%	6.6
Sahara Off-R to Charleston On-R	Basic	59.6	34.9	D	2.9	211.1	6233	6224	100.1%	5.0
Charleston On-R to CD Rd On-R	Merge	52.6	39.7	E	3.9	381.3	6929	6944	99.8%	7.4
CD Rd On-R to Sahara On-R	Merge	58.6	32.7	D	3.4	552.2	8025	8096	99.1%	7.5
South of Sahara On-R	Basic	60.0	28.3	D	1.9	452.1	8943	9100	98.3%	4.6

CD Road Southbound with 2025 AM Traffic										
8:30 to 8:45										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
MLK On-R to Charleston Off-R	Basic	43.7	17.6	B	1.2	597.5	2301	2304	99.9%	0.8
Charleston Off-R to Pinto Rd On-R	Basic	56.9	17.8	B	3.1	254.0	2002	2004	99.9%	1.8
Pinto Rd On-R to Sahara Off-R	Weave	61.5	13.4	B	0.6	326.9	2490	2476	100.6%	0.4
Sahara Off-R to CD Merge onto Mainline	Basic	63.6	8.5	A	0.7	32.6	1087	1136	95.6%	0.2

DRAFT

I-15 Northbound with 2025 AM Traffic										
8:45 to 9:00										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
South of Sahara Off-R	Basic	59.0	29.4	D	1.7	321.9	8605	8568	100.4%	4.0
Sahara Off-R to Sahara On-R	Basic	60.5	31.1	D	1.8	343.2	7491	7432	100.8%	3.7
Sahara On-R to Charleston Off-R	Weave	57.8	30.9	D	4.1	1077.3	8876	9012	98.5%	10.1
Charleston Off-R to Charleston On-R	Basic	55.9	35.0	D	3.8	1291.5	7701	7920	97.2%	8.2
Charleston On-R to US 95 WB	Weave	58.0	24.4	C	1.9	1697.0	8414	8648	97.3%	4.5
US 95 WB & MLK to EB US 95	Basic	59.3	20.3	C	1.5	333.9	6193	6427	96.4%	2.6
North of EB US 95	Basic	61.1	28.7	D	1.0	106.3	5246	5408	97.0%	1.5

I-15 Southbound with 2025 AM Traffic										
8:45 to 9:00										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
North of WB US 95 On-R	Basic	62.1	30.4	D	0.4	50.8	5470	5468	100.0%	0.7
WB US 95 On-R to Charleston Off-R	Basic	61.0	23.2	C	1.7	1112.4	7302	7272	100.4%	3.5
Charleston Off-R to Sahara Off-R	Basic	55.9	29.6	D	3.6	469.7	6544	6484	100.9%	6.5
Sahara Off-R to Charleston On-R	Basic	59.6	34.9	D	2.9	221.2	6168	6128	100.7%	5.0
Charleston On-R to CD Rd On-R	Merge	52.6	39.7	E	3.9	388.0	6882	6840	100.6%	7.4
CD Rd On-R to Sahara On-R	Merge	58.6	32.7	D	3.4	569.1	7974	7976	100.0%	7.5
South of Sahara On-R	Basic	60.0	28.2	D	1.9	461.3	8888	8960	99.2%	4.6

CD Road Southbound with 2025 AM Traffic										
8:45 to 9:00										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
MLK On-R to Charleston Off-R	Basic	43.7	17.5	B	1.2	578.4	2264	2272	99.7%	0.8
Charleston Off-R to Pinto Rd On-R	Basic	56.9	17.8	B	3.1	252.2	1952	1972	99.0%	1.7
Pinto Rd On-R to Sahara Off-R	Weave	61.4	13.4	B	0.6	327.3	2455	2456	99.9%	0.4
Sahara Off-R to CD Merge onto Mainline	Basic	63.6	8.5	A	0.7	29.4	1067	1136	94.0%	0.2

DRAFT



**I-15 Northbound with 2025 AM Traffic**

Peak 15-min										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
South of Sahara Off-R	Basic	59.1	29.3	D	1.6	338.6	8,770	8,740	100.3%	4.0
Sahara Off-R to Sahara On-R	Basic	60.5	31.1	D	1.8	329.0	7,606	7,584	100.3%	3.8
Sahara On-R to Charleston Off-R	Weave	57.7	31.0	D	4.1	1086.5	9,061	9,196	98.5%	10.3
Charleston Off-R to Charleston On-R	Basic	55.9	35.0	D	3.9	1290.6	7,945	8,088	98.2%	8.5
Charleston On-R to US 95 WB	Weave	58.1	24.3	C	1.9	1765.3	8,669	8,820	98.3%	4.6
US 95 WB & MLK to EB US 95	Basic	59.3	20.3	C	1.5	351.0	6,359	6,557	97.0%	2.6
North of EB US 95	Basic	61.1	28.7	D	1.0	108.9	5,367	5,520	97.2%	1.5

**I-15 Southbound with 2025 AM Traffic**

Peak 15-min										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
North of WB US 95 On-R	Basic	62.1	30.4	D	0.4	50.8	5,470	5,468	100.0%	0.7
WB US 95 On-R to Charleston Off-R	Basic	61.0	23.2	C	1.7	1112.4	7,302	7,272	100.4%	3.5
Charleston Off-R to Sahara Off-R	Basic	55.9	29.6	D	3.6	469.7	6,544	6,484	100.9%	6.5
Sahara Off-R to Charleston On-R	Basic	59.6	34.9	D	2.9	221.2	6,168	6,128	100.7%	5.0
Charleston On-R to CD Rd On-R	Merge	52.6	39.7	E	3.9	388.0	6,882	6,840	100.6%	7.4
CD Rd On-R to Sahara On-R	Merge	58.6	32.7	D	3.4	569.1	7,974	7,976	100.0%	7.5
South of Sahara On-R	Basic	60.0	28.2	D	1.9	461.3	8,888	8,960	99.2%	4.6

**CD Road Southbound with 2025 AM Traffic**

Peak 15-min										
Location	Type	Average Speed (mph)	Average Density (vphpl)	LOS	Average Delay (Sec/veh)	Lane Changes	Volume (vph)	Demand (vph)	Percent Served	Total Delay (hr)
MLK On-R to Charleston Off-R	Basic	43.7	17.5	B	1.2	578.4	2,264	2,272	99.7%	0.8
Charleston Off-R to Pinto Rd On-R	Basic	56.9	17.8	B	3.1	252.2	1,952	1,972	99.0%	1.7
Pinto Rd On-R to Sahara Off-R	Weave	61.4	13.4	B	0.6	327.3	2,455	2,456	99.9%	0.4
Sahara Off-R to CD Merge onto Mainline	Basic	63.6	8.5	A	0.7	29.4	1,067	1,136	94.0%	0.2

D R A F T