

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route S- 32 Route Name: Spruill Ave

Beginning termini: S-145

Ending termini: S-1027

Beginning mile post: 0.00

1-way 2-way

Number of lanes 5

Type of pavement

Percent Trucks.: 30

Flexible Rigid

Critical Lane: 80

Rd. Grp. (A-P) - Class 9 %: M - 55

Base year: 2014

Base year ADT 13,000

Future year 2024

Projected ADT: 17600

Future year 2034

Projected ADT: 22300

17600

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. =	465.72
10 YR. DES. =	981.90
15 YR. DES. =	1,549.54
20 YR. DES. =	2,168.68

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	13,000					
2019	15,300	7,075	2,123	531	582.15	465.72
2024	17,600	7,458	2,238	1,119	1,227.38	981.90
2029	20,000	7,847	2,354	1,766	1,936.93	1,549.54
2034	22,300	8,236	2,471	2,471	2,710.86	2,168.68

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route I- 26 Route Name: On Ramp-East I-26

Beginning termini: From CNC Access Rd

Ending termini:

Beginning mile post: 0.00

1-way 2-way

Number of lanes 2

Percent Trucks.: 12

Critical Lane: 100

Type of pavement

Flexible Rigid

Rd. Grp. (A-P) - Class 9 %: O - 66

Base year: 2014

Base year ADT 6,000

Future year 2024

Projected ADT: 9200

Future year 2034

Projected ADT: 14000

9200

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. = 269.57

10 YR. DES. = 581.42

15 YR. DES. = 945.07

20 YR. DES. = 1,370.03

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	6,000					
2019	7,600	6,800	816	204	269.57	269.57
2024	9,200	7,333	880	440	581.42	581.42
2029	11,600	7,947	954	715	945.07	945.07
2034	14,000	8,640	1,037	1,037	1,370.03	1,370.03

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

Ramp E + F

County 10 CHARLESTON

Route Route Name: Port Access On/Off Ramps Each

Beginning termini: To Local Access Road from Port Access Rd

Ending termini:

Beginning mile post: 0.00

1-way 2-way

Number of lanes 2

Type of pavement
 Flexible Rigid

Percent Trucks.: 7

Critical Lane: 100

Rd. Grp. (A-P) - Class 9 %: L - 49

Base year: 2014

Base year ADT 11,100

Future year 2024

Projected ADT: 12200

Future year 2034

Projected ADT: 13000

12200

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. =	197.59
10 YR. DES. =	401.57
15 YR. DES. =	611.40
20 YR. DES. =	826.08

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED TRUCKS	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TOTAL	CRT. LN.
2014	11,100					
2019	11,600	11,350	795	199	197.59	197.59
2024	12,200	11,533	807	404	401.57	401.57
2029	12,600	11,707	819	615	611.40	611.40
2034	13,000	11,863	830	830	826.08	826.08

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route I- 26 Route Name: Off ramp-West I-26

Beginning termini: To CNC Access Rd

Ending termini:

Beginning mile post: 0.00

1-way 2-way

Number of lanes 2

Percent Trucks.: 7

Critical Lane: 100

Type of pavement
 Flexible Rigid

Rd. Grp. (A-P) - Class 9 %: O - 66

Base year: 2014

Base year ADT 3,500

Future year 2024

Projected ADT: 5400

Future year 2034

Projected ADT: 8300

5400

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. =	91.34
10 YR. DES. =	197.33
15 YR. DES. =	321.43
20 YR. DES. =	467.11

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	3,500					
2019	4,400	3,950	277	69	91.34	91.34
2024	5,400	4,267	299	149	197.33	197.33
2029	6,800	4,633	324	243	321.43	321.43
2034	8,300	5,050	354	354	467.11	467.11

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route S- 1378 Route Name: Stromboli Ave

Beginning termini: US-52

Ending termini: New local Access Road

Beginning mile post: 0.00

1-way 2-way

Number of lanes 4

Type of pavement

Percent Trucks: 7

Flexible Rigid

Critical Lane: 80

Rd. Grp. (A-P) - Class 9 %: L - 49

Base year: 2014

Base year ADT 16,200

Future year 2024

Projected ADT: 17,900

Future year 2034

Projected ADT: 19,800

17,900

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. = 115.60

10 YR. DES. = 235.14

15 YR. DES. = 358.83

20 YR. DES. = 486.89

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	16,200					
2019	17,000	8,300	581	145	144.49	115.60
2024	17,900	8,442	591	295	293.92	235.14
2029	18,800	8,588	601	451	448.54	358.83
2034	19,800	8,740	612	612	608.62	486.89

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route Route Name: New local Access road

Beginning termini Bainbridge Rd

Ending termini: New CNC Marine Terminal Mainline

Beginning mile post: 0.00

1-way 2-way

Number of lanes 4

Type of pavement
 Flexible Rigid

Percent Trucks.: 10

Critical Lane: 80

Rd. Grp. (A-P) - Class 9 %: M - 55

Base year: 2014

Base year ADT 23,000

Future year 2024

Projected ADT: 25400

Future year 2034

Projected ADT: 28100

25400

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. =	258.92
10 YR. DES. =	526.61
15 YR. DES. =	803.74
20 YR. DES. =	1,090.64

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	23,000					
2019	24,200	11,800	1,180	295	323.64	258.92
2024	25,400	12,000	1,200	600	658.26	526.61
2029	26,800	12,210	1,221	916	1,004.67	803.74
2034	28,100	12,426	1,243	1,243	1,363.30	1,090.64

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route I- 26 Route Name: Off Ramp-East I-26

Beginning termini To CNC Access Rd

Ending termini:

Beginning mile post: 0.00

1-way 2-way

Number of lanes 2

Type of pavement
 Flexible Rigid

Percent Trucks.: 45

Critical Lane: 100

Rd. Grp. (A-P) - Class 9 %: O - 66

Base year: 2014

Base year ADT 4,000

Future year 2024

Projected ADT: 6200

Future year 2034

Projected ADT: 9400

6200

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. =	676.39
10 YR. DES. =	1,461.80
15 YR. DES. =	2,378.52
20 YR. DES. =	3,448.85

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED TRUCKS	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TOTAL	CRT. LN.
2014	4,000					
2019	5,100	4,550	2,048	512	676.39	676.39
2024	6,200	4,917	2,213	1,106	1,461.80	1,461.80
2029	7,800	5,333	2,400	1,800	2,378.52	2,378.52
2034	9,400	5,800	2,610	2,610	3,448.85	3,448.85

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route I- 26 Route Name: On Ramp-West I-26

Beginning termini From CNC Access Rd

Ending termini:

Beginning mile post: 0.00

1-way 2-way

Number of lanes 2

Percent Trucks.: 42

Critical Lane: 100

Type of pavement
 Flexible Rigid

Rd. Grp. (A-P) - Class 9 %: O - 66

Base year: 2014

Base year ADT 3,500

Future year 2024

Projected ADT: 5400

Future year 2034

Projected ADT: 8300

5400

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. =	548.05
10 YR. DES. =	1,183.97
15 YR. DES. =	1,928.58
20 YR. DES. =	2,802.69

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED TRUCKS	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TOTAL	CRT. LN.
2014	3,500					
2019	4,400	3,950	1,659	415	548.05	548.05
2024	5,400	4,267	1,792	896	1,183.97	1,183.97
2029	6,800	4,633	1,946	1,460	1,928.58	1,928.58
2034	8,300	5,050	2,121	2,121	2,802.69	2,802.69

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route Route Name: CNC Marine Terminal Mainline

Beginning termini: I-26

Ending termini: Proposed CNC Marine Terminal Site

Beginning mile post: 0.00

1-way 2-way

Number of lanes 4

Percent Trucks: 40

Critical Lane: 80

Type of pavement
 Flexible Rigid

Rd. Grp. (A-P) - Class 9 %: O - 66

Base year: 2014

Base year ADT 22,200

Future year 2024

Projected ADT: 24500

Future year 2034

Projected ADT: 27000

24500

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. =	1,205.12
10 YR. DES. =	2,450.76
15 YR. DES. =	3,738.51
20 YR. DES. =	5,069.95

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	22,200					
2019	23,400	11,400	4,560	1,140	1,506.40	1,205.12
2024	24,500	11,592	4,637	2,318	3,063.45	2,450.76
2029	25,800	11,788	4,715	3,537	4,673.13	3,738.51
2034	27,000	11,990	4,796	4,796	6,337.43	5,069.95

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route I- 26 Route Name: Mainline at Port Acc interchq

Beginning termini: S-222

Ending termini: Mile marker 218.5

Beginning mile post: 0.00

1-way 2-way

Number of lanes 6

Type of pavement
 Flexible Rigid

Percent Trucks.: 25

Critical Lane: 65

Rd. Grp. (A-P) - Class 9 %: O - 66

Base year: 2014

Base year ADT 90,200

Future year 2024

Projected ADT: 104900

Future year 2034

Projected ADT: 120200

104900

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. =	2,520.36
10 YR. DES. =	5,172.25
15 YR. DES. =	7,958.07
20 YR. DES. =	10,880.24

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED TRUCKS	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TOTAL	CRT. LN.
2014	90,200					
2019	97,600	46,950	11,738	2,934	3,877.48	2,520.36
2024	104,900	48,175	12,044	6,022	7,957.31	5,172.25
2029	112,600	49,415	12,354	9,265	12,243.18	7,958.07
2034	120,200	50,670	12,668	12,668	16,738.84	10,880.24

Flexible

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route Route Name: Port Access On/Off Ramps Each

Beginning termini: To Local Access Road from Port Access Rd

Ending termini:

Beginning mile post: 0.00 1-way 2-way

Number of lanes 2 Type of pavement

Percent Trucks.: 7 Flexible Rigid

Critical Lane: 100 Rd. Grp. (A-P) - Class 9 %: L - 49

Base year:	2014	Base year ADT	11,100
Future year	2024	Projected ADT:	12200
Future year	2034	Projected ADT:	13000
			12200

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. =	140.07
10 YR. DES. =	284.67
15 YR. DES. =	433.42
20 YR. DES. =	585.60

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED TRUCKS	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TOTAL	CRT. LN.
2014	11,100					
2019	11,600	11,350	795	199	140.07	140.07
2024	12,200	11,533	807	404	284.67	284.67
2029	12,600	11,707	819	615	433.42	433.42
2034	13,000	11,863	830	830	585.60	585.60

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route Route Name: New local Access road

Beginning termini Bainbridge Rd

Ending termini: New CNC Marine Terminal Mainline

Beginning mile post: 0.00

1-way 2-way

Number of lanes 4

Type of pavement
 Flexible Rigid

Percent Trucks.: 10

Critical Lane: 80

Rd. Grp. (A-P) - Class 9 %: M - 55

Base year: 2014

Base year ADT 23,000

Future year 2024

Projected ADT: 25400

Future year 2034

Projected ADT: 28100

25400

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. =	182.03
10 YR. DES. =	370.22
15 YR. DES. =	565.05
20 YR. DES. =	766.76

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	23,000					
2019	24,200	11,800	1,180	295	227.53	182.03
2024	25,400	12,000	1,200	600	462.78	370.22
2029	26,800	12,210	1,221	916	706.32	565.05
2034	28,100	12,426	1,243	1,243	958.45	766.76

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route S- 1378 Route Name: Stromboli Ave

Beginning termini US-52

Ending termini: New local Access Road

Beginning mile post: 0.00

1-way 2-way

Number of lanes 4

Percent Trucks.: 7

Critical Lane: 80

Type of pavement

Flexible Rigid

Rd. Grp. (A-P) - Class 9 %: L - 49

Base year: 2014

Base year ADT 16,200

Future year 2024

Projected ADT: 17900

Future year 2034

Projected ADT: 19800

17900

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. = 81.94

10 YR. DES. = 166.69

15 YR. DES. = 254.37

20 YR. DES. = 345.15

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	16,200					
2019	17,000	8,300	581	145	102.43	81.94
2024	17,900	8,442	591	295	208.36	166.69
2029	18,800	8,588	601	451	317.97	254.37
2034	19,800	8,740	612	612	431.44	345.15

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route Route Name: CNC Marine Terminal Mainline

Beginning termini: I-26

Ending termini: Proposed CNC Marine Terminal Site

Beginning mile post: 0.00

1-way 2-way

Number of lanes 4

Type of pavement

Percent Trucks.: 40

Flexible Rigid

Critical Lane: 80

Rd. Grp. (A-P) - Class 9 %: O - 66

Base year: 2014

Base year ADT 22,200

Future year 2024

Projected ADT: 24500

Future year 2034

Projected ADT: 27000

24500

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. = 823.26

10 YR. DES. = 1,674.21

15 YR. DES. = 2,553.92

20 YR. DES. = 3,463.48

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	22,200					
2019	23,400	11,400	4,560	1,140	1,029.08	823.26
2024	24,500	11,592	4,637	2,318	2,092.76	1,674.21
2029	25,800	11,788	4,715	3,537	3,192.40	2,553.92
2034	27,000	11,990	4,796	4,796	4,329.35	3,463.48

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route I- 26 Route Name: On Ramp-West I-26

Beginning termini From CNC Access Rd

Ending termini:

Beginning mile post: 0.00

1-way 2-way

Number of lanes 2

Type of pavement

Percent Trucks.: 42

Flexible Rigid

Critical Lane: 100

Rd. Grp. (A-P) - Class 9 %: O - 66

Base year: 2014

Base year ADT 3,500

Future year 2024

Projected ADT: 5400

Future year 2034

Projected ADT: 8300

5400

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. =	374.39
10 YR. DES. =	808.82
15 YR. DES. =	1,317.49
20 YR. DES. =	1,914.63

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	3,500					
2019	4,400	3,950	1,659	415	374.39	374.39
2024	5,400	4,267	1,792	896	808.82	808.82
2029	6,800	4,633	1,946	1,460	1,317.49	1,317.49
2034	8,300	5,050	2,121	2,121	1,914.63	1,914.63

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route I- 26 Route Name: Off Ramp-East I-26

Beginning termini: To CNC Access Rd

Ending termini:

Beginning mile post: 0.00

1-way 2-way

Number of lanes 2

Type of pavement
 Flexible Rigid

Percent Trucks.: 45

Critical Lane: 100

Rd. Grp. (A-P) - Class 9 %: O - 66

Base year: 2014

Base year ADT 4,000

Future year 2024

Projected ADT: 6200

Future year 2034

Projected ADT: 9400

6200

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. = 462.07

10 YR. DES. = 998.61

15 YR. DES. = 1,624.86

20 YR. DES. = 2,356.05

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED TRUCKS	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TOTAL	CRT. LN.
2014	4,000					
2019	5,100	4,550	2,048	512	462.07	462.07
2024	6,200	4,917	2,213	1,106	998.61	998.61
2029	7,800	5,333	2,400	1,800	1,624.86	1,624.86
2034	9,400	5,800	2,610	2,610	2,356.05	2,356.05

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route I- 26 Route Name: Off ramp-West I-26

Beginning termini To CNC Access Rd

Ending termini:

Beginning mile post: 0.00

1-way 2-way

Number of lanes 2

Type of pavement

Percent Trucks.: 7

Flexible Rigid

Critical Lane: 100

Rd. Grp. (A-P) - Class 9 %: O - 66

Base year: 2014

Base year ADT 3,500

Future year 2024

Projected ADT: 5400

Future year 2034

Projected ADT: 8300

5400

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. = 62.40

10 YR. DES. = 134.80

15 YR. DES. = 219.58

20 YR. DES. = 319.10

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED TRUCKS	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TOTAL	CRT. LN.
2014	3,500					
2019	4,400	3,950	277	69	62.40	62.40
2024	5,400	4,267	299	149	134.80	134.80
2029	6,800	4,633	324	243	219.58	219.58
2034	8,300	5,050	354	354	319.10	319.10

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route I- 26 Route Name: Mainline at Port Acc interchq

Beginning termini: S-222

Ending termini: Mile marker 218.5

Beginning mile post: 0.00

1-way 2-way

Number of lanes 6

Percent Trucks.: 25

Critical Lane: 65

Type of pavement
 Flexible Rigid

Rd. Grp. (A-P) - Class 9 %: O - 66

Base year: 2014

Base year ADT 90,200

Future year 2024

Projected ADT: 104900

Future year 2034

Projected ADT: 120200

104900

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. =	1,721.76
10 YR. DES. =	3,533.37
15 YR. DES. =	5,436.47
20 YR. DES. =	7,432.72

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	90,200					
2019	97,600	46,950	11,738	2,934	2,648.86	1,721.76
2024	104,900	48,175	12,044	6,022	5,435.95	3,533.37
2029	112,600	49,415	12,354	9,265	8,363.80	5,436.47
2034	120,200	50,670	12,668	12,668	11,434.95	7,432.72

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route S- 32 Route Name: Spruill Ave

Beginning termini: S-145

Ending termini: S-1027

Beginning mile post: 0.00

1-way 2-way

Number of lanes 5

Type of pavement

Percent Trucks.: 30

Flexible Rigid

Critical Lane: 80

Rd. Grp. (A-P) - Class 9 %: M - 55

Base year: 2014

Base year ADT 13,000

Future year 2024

Projected ADT: 17600

Future year 2034

Projected ADT: 22300

17600

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. = 327.42

10 YR. DES. = 690.31

15 YR. DES. = 1,089.38

20 YR. DES. = 1,524.66

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	13,000					
2019	15,300	7,075	2,123	531	409.27	327.42
2024	17,600	7,458	2,238	1,119	862.89	690.31
2029	20,000	7,847	2,354	1,766	1,361.73	1,089.38
2034	22,300	8,236	2,471	2,471	1,905.83	1,524.66

TRAFFIC DATA FOR PAVEMENT LOADING

Factors revised February 1999

Report date: 6/12/2009

County 10 CHARLESTON

Route I- 26 Route Name: On Ramp-East I-26

Beginning termini From CNC Access Rd

Ending termini:

Beginning mile post: 0.00

1-way 2-way

Type of pavement

Flexible Rigid

Number of lanes 2

Percent Trucks.: 12

Critical Lane: 100

Rd. Grp. (A-P) - Class 9 %: O - 66

Base year: 2014

Base year ADT 6,000

Future year 2024

Projected ADT: 9200

Future year 2034

Projected ADT: 14000

9200

ONE-WAY EQUIVALENT DAILY 18 KIP SINGLE AXLE LOAD APPLICATIONS IN THE CRITICAL LANE

5 YR. DES. = 184.15

10 YR. DES. = 397.19

15 YR. DES. = 645.61

20 YR. DES. = 935.92

YEAR	ADT	AVERAGE ONE-WAY		ADJUSTED	1-WAY EQUIV. 18 KIP	
		ADT	TRUCKS		TRUCKS	TOTAL
2014	6,000					
2019	7,600	6,800	816	204	184.15	184.15
2024	9,200	7,333	880	440	397.19	397.19
2029	11,600	7,947	954	715	645.61	645.61
2034	14,000	8,640	1,037	1,037	935.92	935.92