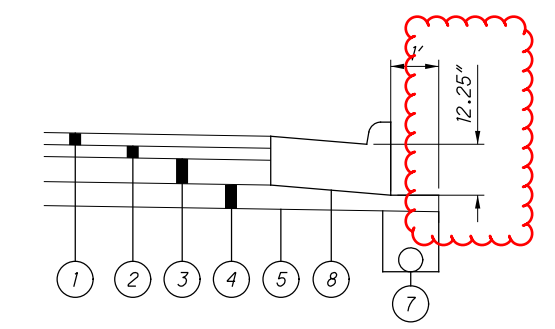


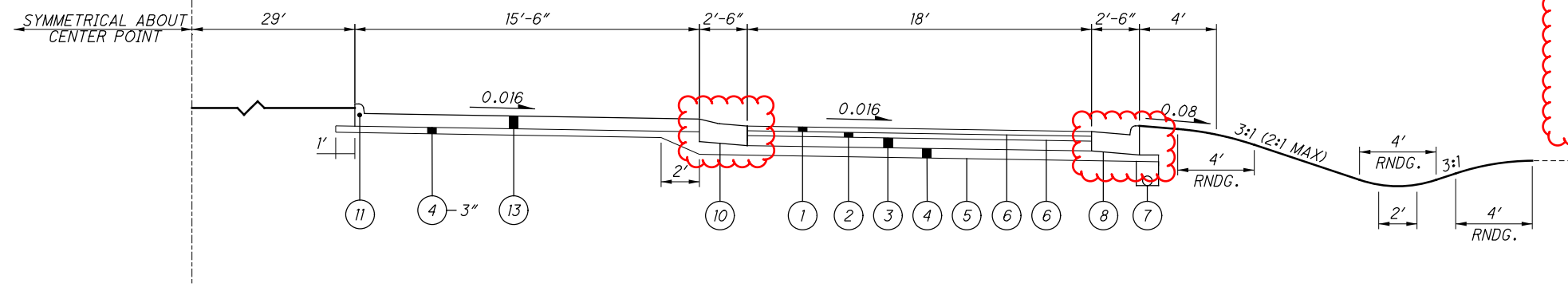
US 20A AND SR 295 ROUNDABOUT - PROPOSED SECTION



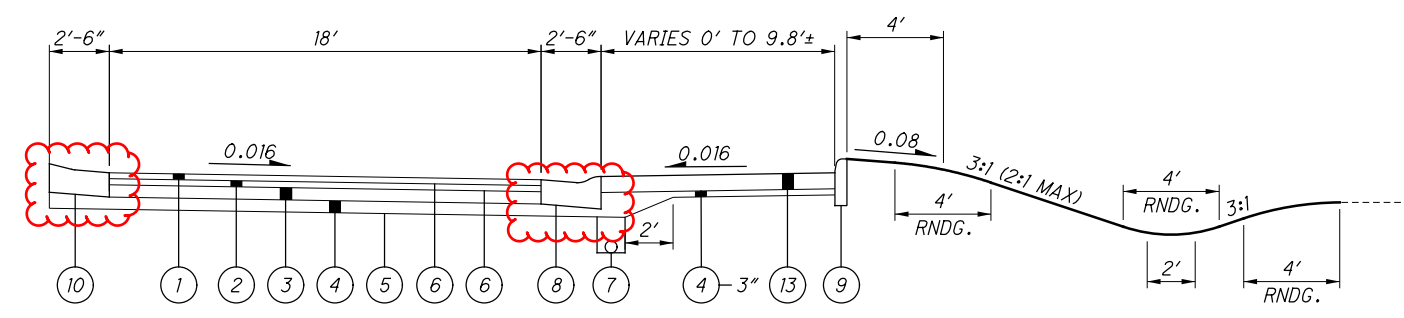
EDGE DETAIL

COMBINATION CURB AND GUTTER, TYPE 3, AS PER PLAN

NOTE:
CONSTRUCTION MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH ODOT SECTION 609 AND BP-5.1. #5 TIE BAR SHALL BE USED TO CONNECT CURB AND GUTTER TO TRUCK APRON IN ACCORDANCE WITH BP-2.1.



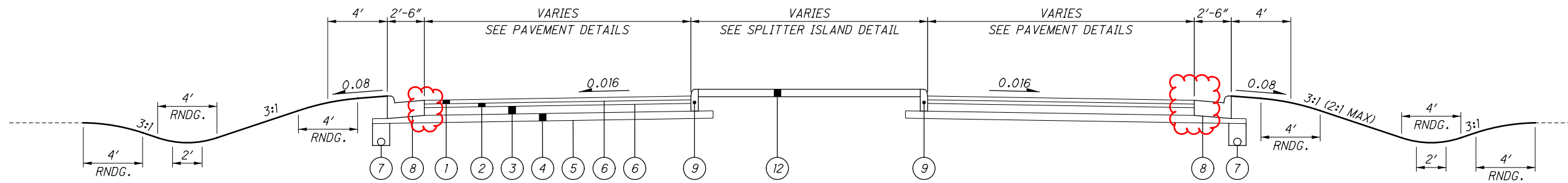
US 20A AND WHITEHOUSE-SPENCER ROUNDABOUT - PROPOSED SECTION



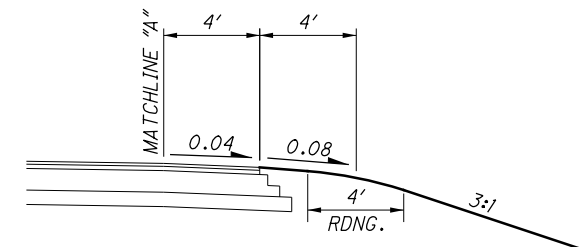
US 20A AND WHITEHOUSE-SPENCER ROUNDABOUT - PROPOSED TRUCK APRON SECTION

LEGEND

- ① ITEM 442 - 1 1/2" ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446), AS PER PLAN, PG76-22M
- ② ITEM 442 - 1 3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (446), AS PER PLAN, PG76-22M
- ③ ITEM 301 - 9" ASPHALT CONCRETE BASE, PG64-22
- ④ ITEM 304 - 6" AGGREGATE BASE (UNLESS SHOWN OTHERWISE)
- ⑤ ITEM 204 - SUBGRADE COMPACTION
- ⑥ ITEM 407 - TACK COAT (0.055 GAL/SQ YD)
- ⑦ ITEM 605 - 6" BASE PIPE UNDERDRAINS
- ⑧ ITEM 609 - CURB AND GUTTER, TYPE 2, AS PER PLAN
- ⑨ ITEM 609 - CURB, TYPE 6
- ⑩ ITEM 609 - COMBINATION CURB AND GUTTER, TYPE 3, AS PER PLAN
- ⑪ ITEM 609 - CURB, TYPE 2A
- ⑫ ITEM 609 - 6" CONCRETE TRAFFIC ISLAND, AS PER PLAN, SPLITTER ISLAND
- ⑬ ITEM 609 - 8" CONCRETE TRAFFIC ISLAND, AS PER PLAN, TRUCK APRON
- ⑭ ITEM 452 - 11" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1

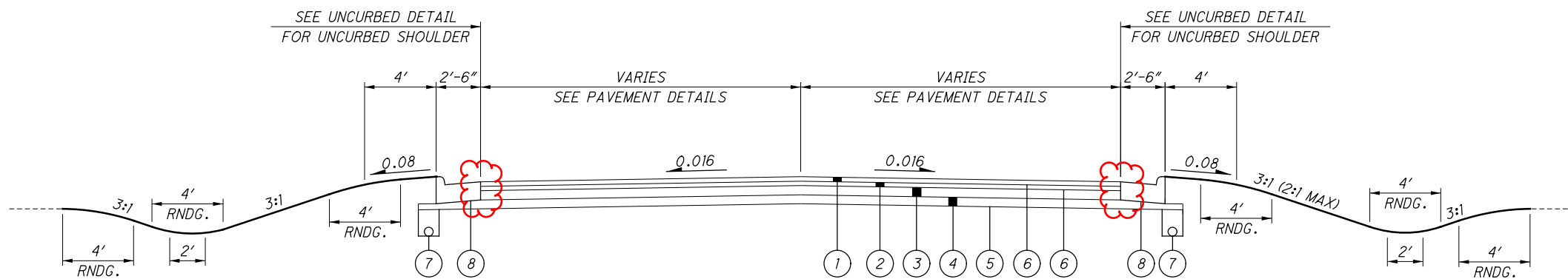


SPLITTER ISLAND - PROPOSED SECTION

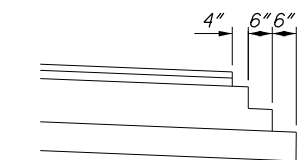


UNCURBED DETAIL

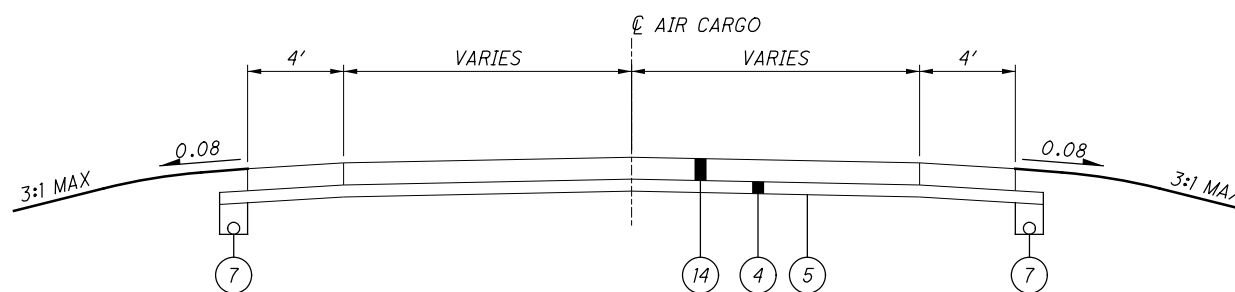
STA. 183+12.50 TO STA. 184+59.00
 STA. 188+90.00 TO STA. 194+60.79
 STA. 509+68.00 TO STA. 510+60.00
 STA. 235+91.04 TO STA. 237+25.00
 STA. 242+07.50 TO STA. 243+19.88
 STA. 28+00.00 TO STA. 29+03.00
 STA. 32+26.50 TO STA. 33+43.26



ROUNABOUT ENTRY & EXIT - PROPOSED SECTION



UNCURBED EDGE DETAIL



AIR CARGO - PROPOSED SECTION

SEE SHEET 8 FOR LEGEND

M:\12002 (ODOT D2 - Structural GES)\Task 2C - LUC-20A-3.55 (PID 94407) Roundabouts\DGN\Roadway\94407GG01.dgn 4/21/2020 4:23:12 PM ADC

SHEET NUM.											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
10	11	12	16	17	18	19	56	65	72	79	01/NHS/PV	02/S>2/PV	03/S>2/BR						
ROADWAY																			
											LS	LS		201	11000	LS		CLEARING AND GRUBBING	
				7							2	5		202	20010	7	EACH	HEADWALL REMOVED	
						10,499					6,411	4,088		202	23000	10,499	SY	PAVEMENT REMOVED	
				110							82	28		202	35100	110	FT	PIPE REMOVED, 24" AND UNDER	
				130								130		202	35200	130	FT	PIPE REMOVED, OVER 24"	
				1							1			202	58100	1	EACH	CATCH BASIN REMOVED	
			443								443			202	75000	443	FT	FENCE REMOVED	
				1,787							1,112	675		203	10000	1,787	CY	EXCAVATION	
				10,486							6,020	4,466		203	20000	10,486	CY	EMBANKMENT	
						16,567					10,530	6,037		204	10000	16,567	SY	SUBGRADE COMPACTION	
	765											765		204	13000	765	CY	EXCAVATION OF SUBGRADE	
	1,150										1,150			204	13001	1,150	CY	EXCAVATION OF SUBGRADE, AS PER PLAN	
	765											765		204	30010	765	CY	GRANULAR MATERIAL, TYPE B	
	1,150										1,150			204	30011	1,150	CY	GRANULAR MATERIAL, TYPE B, AS PER PLAN	
				8							5	3		204	45000	8	HOUR	PROOF ROLLING	
					112.5							112.5		606	15050	112.5	FT	GUARDRAIL, TYPE MGS	
					1							1		606	26150	1	EACH	ANCHOR ASSEMBLY, MGS TYPE E	
					1							1		606	26550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
											30	285		607	98000	315	FT	FENCE, MISC.: CONSTRUCTION FENCE	
												1		623	38500	1	EACH	MONUMENT ASSEMBLY	
EROSION CONTROL																			
					32						18	14		601	21050	32	SY	TIED CONCRETE BLOCK MAT, TYPE 1	
					58						18	40		601	32204	58	CY	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	
			23								14	9		616	10000	23	MGAL	WATER	
	1,273										782	491		659	00300	1,273	CY	TOPSOIL	
	11,466										7,066	4,400		659	10000	11,466	SY	SEEDING AND MULCHING	
											0.95	0.6		659	20000	1.55	TON	COMMERCIAL FERTILIZER	
	1.55										38	24		659	35000	62	MGAL	WATER	
	62										LS	LS		832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
											22,000	22,000		832	30000	44,000	EACH	EROSION CONTROL	
DRAINAGE																			
					2.4						1.7	0.7		602	20000	2.4	CY	CONCRETE MASONRY	
					3,123						2,441	682		605	13300	3,123	FT	6" UNCLASSIFIED PIPE UNDERDRAINS	
					2,453						871	1,582		605	14000	2,453	FT	6" BASE PIPE UNDERDRAINS	
					512						307	205		611	01500	512	FT	6" CONDUIT, TYPE F	
											259	54		611	04400	313	FT	12" CONDUIT, TYPE B	
											64			611	04900	64	FT	12" CONDUIT, TYPE D	
											71			611	05700	71	FT	15" CONDUIT, TYPE A	
												67		611	05900	67	FT	15" CONDUIT, TYPE B	
											1			611	98180	1	EACH	CATCH BASIN, NO. 3A	
											1	1		611	99574	2	EACH	MANHOLE, NO. 3	
						18					10	8		611	99710	18	EACH	PRECAST REINFORCED CONCRETE OUTLET	
PAVEMENT																			
						2,890					1,744	1,146		301	46000	2,890	CY	ASPHALT CONCRETE BASE, PG64-22	
						2,497					1,582	915		304	20000	2,497	CY	AGGREGATE BASE	
						1,254					756	498		407	10000	1,254	GAL	TACK COAT	
						477					288	189		442	10001	477	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76-22M	
						554					334	220		442	10101	554	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), AS PER PLAN, PG76-22M	
											721			452	14110	721	SY	11" NON-REINFORCED CONCRETE PAVEMENT, CLASS OC1	
						2,796					1,542	1,254		609	12001	2,796	FT	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN	
						427					245	182		609	14000	427	FT	CURB, TYPE 2-A	
						787					358	429		609	18001	787	FT	COMBINATION CURB AND GUTTER, TYPE 3, AS PER PLAN	
						83					83			609	20000	83	FT	CURB, TYPE 3-A	
											1,155	511		609	26000	1,666	FT	CURB, TYPE 6	
						1,666					863	192		609	54001	1,055	SY	6" CONCRETE TRAFFIC ISLAND, AS PER PLAN, SPLITTER ISLAND	
						1,055					506	447		609	57001	953	SY	8" CONCRETE TRAFFIC ISLAND, AS PER PLAN, TRUCK APRON	
						953													

GENERAL SUMMARY (1 OF 2)

LUC-20A-3.47 / 4.47

14
87

ROADWAY															
SHEET NUMBER	REFERENCE NUMBER	STATION		SIDE	202			606			609				
		FROM	TO		LT OR RT	FENCE REMOVED	GUARDRAIL, TYPE MSG	ANCHOR ASSEMBLY, TYPE T	ANCHOR ASSEMBLY, TYPE E	CURB AND GUTTER TYPE 2, AS PER PLAN	CURB TYPE 6	CURB AND GUTTER TYPE 3, AS PER PLAN	CURB TYPE 2A	CURB, TYPE 3-A	6" CONCRETE TRAFFIC ISLAND, AS PER PLAN, SPLITTER ISLAND
					FT	FT	EACH	EACH	FT	FT	FT	FT		SY	SY
23	C-1	184+52.52	186+82.86	LT					404.26						
23	C-2	184+59.38	186+82.59	RT					384.78						
23	F-1	184+71.55	186+47.06	LT	175										
24	F-1	512+55.78	515+23.23	LT	268										
24	C-1	185+80.33	186+42.17	LT						165.58					
24	C-2	185+80.33	186+42.17	LT									123.21		
24	C-3	186+77.32	187+55.67	LT								245			
24	C-4	186+59.32	187+73.67	LT							358				
24	C-5	186+61.82	187+71.17	LT											505.89
24	C-6	187+02.26	187+37.43	LT						157					
24	C-7	187+02.26	187+37.43	LT										119.44	
24	C-8	187+10.53	190+17.61	LT					491.54						
24	C-9	187+82.59	191+24.96	LT						718.45					
24	C-10	187+82.59	191+24.96	LT										515.97	
24	C-11	187+11.17	189+90.18	RT					261.70						
24	C-12	186+87.20	187+14.45	RT						113.45					
24	C-13	186+87.20	187+14.45	RT										64.08	
42	C-1	237+18.56	239+73.65	LT					361.58						
42	C-2	237+25.46	239+70.85	RT					323.95						
42	C-3	238+63.47	239+02.74	LT						105.96					
42	C-4	238+63.47	239+02.74	LT										56.00	
42	C-5	239+21.33	240+15.92	LT							295				
42	C-6	239+39.33	239+97.92	LT								182			
42	C-7	239+23.83	239+97.92	LT											397.67
42	C-8	239+72.78	239+97.76	LT						104.43					
42	C-9	239+72.78	239+97.76	LT										54.57	
42	C-10	240+08.84	242+70.27	LT					407.28						
42	C-11	240+29.97	240+64.07	LT						95.24					
42	C-12	240+29.97	240+64.07	LT										46.50	
42	C-13	239+95.06	242+07.46	RT					161.48		133				
42	C-14	239+63.17	239+82.29	RT						81.34					
42	C-15	239+63.17	239+82.29	RT										35.24	
42	C-16	29+40.00	240+84.40	RT						124.39					49.44
42	G-1	241+47.70	242+60.30	LT		112.50	1	1							
52	C-1	209+07.92	209+38.22	LT									82.56	40.22	
SR 295 & AIR CARGO (01/NHS/PV)					443	0	0	0	1542	1155	358	245	83	863	506
WHITEHOUSE-SPENCER (02/S>2/PV)					0	112.50	1	1	1254	511	429	182	0	192	447
TOTALS CARRIED TO GENERAL SUMMARY					443	112.50	1	1	2796	1666	787	427	83	1055	953

CALCULATED
ADC
CHECKED
ALZ

SUBSUMMARY

LUC-20A - 3.47 / 4.47

LOCATION	PAVEMENT																	
	AREA BY CAD					202	204	301	304	304	305	407	442	442	442	452	609	609
	SURFACE & INTERMEDIATE	AGGREGATE BASE	9" BASE	9" BASE 1ST LIFT (SHOULDER)	9" BASE 2ND LIFT (SHOULDER)	PAVEMENT REMOVED	SUBGRADE COMPACTION	9" ASPHALT CONCRETE BASE, PG64-22	3" AGGREGATE BASE	6" AGGREGATE BASE	8" AGGREGATE BASE	TACK COAT (0.055 gal/sqyd)	1 - 1/2" ASPHALT CONC SURFACE COURSE, TYPE 1, PG70-22	2" ASPHALT CONC SURFACE COURSE, TYPE 1, PG70-22	1-3/4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22	11" NON-REINFORCED CONCRETE PAVEMENT, CLASS OCl	6" CONCRETE TRAFFIC ISLAND	8" CONCRETE TRAFFIC ISLAND
SF	SF	SF	SF	SF	SY	SY	CY	CY	CY	CY	GAL	CY	CY	CY	SY	SY	SY	
US20A and SR 295	61836	70186	55,746.15	7,439.46	6,656.79	5,637.11	7,798.44	1,744.29		1,299.74		755.78	286.28		333.99			
CENTER TRUCK APRON	4553	5671					630.11		52.51									505.89
SPLITTER ISLANDS	7402	7402					822.44										822.44	
AIRCARGO ROAD ISLAND	6489	7194				773.56	799.33			133.22					721.00			
DRIVE STA. 510+79.9	300	300					33.33			5.56				1.85				
DRIVE STA. 515+99.5	3125	3125					347.22				77.16							
DRIVE STA. 515+30.3	532	532					59.11				13.14							
US20A AND WHITEHOUSE SPENCER ROAD	40725	46887	37,418.02	4,072.15	3,609.02	4,087.67	5,278.67	1,146.07		868.28		497.76	188.54		219.97			
CENTER TRUCK APRON	3579	4477					497.44		41.45									397.67
SOUTHEAST TRUCK APRON	445	621					69.00		5.75									49.44
SPLITTER ISLANDS	1730	1730					192.22										192.22	
SR 295 & AIR CARGO (01/NHS/PV)						6,411	10,530	1,744	53	1,439	90	756	286	2	334	721	863	506
WHITEHOUSE-SPENCER (02/S>2/PV)						4,088	6,037	1,146	47	868	0	498	189	0	220	0	192	447
SUBTOTAL																		
TOTAL						10,499	16,567	2,890		2,497		1,254	477	554	721	1,055	953	

CALCULATED
ADC
CHECKED
ALZ

SUBSUMMARY