20 L-A SAVANNAH-CROSSGATE LLC

R/W TAKE - PAR 20 / SV31 REQ'D R/W DE10020

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10519	110.00	L	235+19.50	JIMMY DELOACH CONNECTOR
	337.54		N 33°08'19.1" W	
DE10520	110.00	L	238+57.04	JIMMY DELOACH CONNECTOR
	355.06		N 27°26'05.5" W	
DE10521	90.00	L	242+03.00	JIMMY DELOACH CONNECTOR
	54.30		N 55°15'31.2" W	
DE10523	115.00	L	242+50.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 25.72
CHORD BEAR = N 27°19'51.2" W
LNTH CHORD = 25.72
RADIUS = 4115.00
DEGREE = 1°23'32.5"

DE10934	115.00	L	242+75.00	JIMMY DELOACH CONNECTOR
	5.00		N 62°50'53.4" E	
DE10933	110.00	L	242+75.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 66.79
CHORD BEAR = N 26°41'10.7" W
LNTH CHORD = 66.79
RADIUS = 4110.00
DEGREE = 1°23'38.6"

DE10936	110.00	L	243+40.00	JIMMY DELOACH CONNECTOR
	5.00		S 63°46'45.2" W	
DE10935	115.00	L	243+40.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 318.91
CHORD BEAR = N 24°00'02.0" W
LNTH CHORD = 318.83
RADIUS = 4115.00
DEGREE = 1°23'32.5"

DE10524	115.00	L	246+50.00	JIMMY DELOACH CONNECTOR
	311.83		N 26°04'18.0" W	
DE10525	150.00	L	249+50.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 466.88
CHORD BEAR = N 14°15'37.0" W
LNTH CHORD = 466.63
RADIUS = 4150.00
DEGREE = 1°22'50.2"

DE10526	150.00	L	254+00.00	JIMMY DELOACH CONNECTOR
	152.08		N 6°13'08.4" W	
DE10106	140.00	L	255+46.45	JIMMY DELOACH CONNECTOR
	128.41		N 6°52'38.5" E	
DE10528	105.00	L	256+70.00	JIMMY DELOACH CONNECTOR
	223.46		N 8°56'22.6" W	
DE10529	105.00	L	258+93.46	JIMMY DELOACH CONNECTOR
	267.19		S 85°37'17.0" E	
DE10530	155.00	R	258+31.91	JIMMY DELOACH CONNECTOR
	285.46		S 8°56'22.6" E	
DE10103	155.00	R	255+46.45	JIMMY DELOACH CONNECTOR
	10.00		S 81°02'49.0" W	
DE10532	145.00	R	255+46.45	JIMMY DELOACH CONNECTOR

ARC LENGTH = 815.77
CHORD BEAR = S 15°00'06.9" E
LNTH CHORD = 814.24
RADIUS = 3855.00
DEGREE = 1°29'10.6"

DE10533	145.00	R	247+00.00	JIMMY DELOACH CONNECTOR
	25.00		S 68°56'09.0" W	
DE10534	120.00	R	247+00.00	JIMMY DELOACH CONNECTOR
	194.49		S 19°33'00.6" E	
DE10535	110.00	R	245+00.00	JIMMY DELOACH CONNECTOR
	155.59		S 25°04'29.5" E	
DE10941	110.00	R	243+40.00	JIMMY DELOACH CONNECTOR
	10.00		S 63°46'45.2" W	
DE10940	100.00	R	243+40.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 38.21
CHORD BEAR = S 26°30'05.3" E
LNTH CHORD = 38.21
RADIUS = 3900.00
DEGREE = 1°28'08.8"

DE10939	100.00	R	243+00.81	JIMMY DELOACH CONNECTOR
	25.50		S 17°48'41.0" E	
DE10938	95.94	R	242+75.00	JIMMY DELOACH CONNECTOR
	10.15		N 62°50'53.4" E	
DE10937	106.10	R	242+75.00	JIMMY DELOACH CONNECTOR
	119.01		S 17°48'07.7" E	
DE10537	85.00	R	241+55.00	JIMMY DELOACH CONNECTOR
	151.68		S 31°52'10.1" E	
DE10538	90.00	R	240+00.00	JIMMY DELOACH CONNECTOR
	140.27		S 38°15'08.9" E	
DE10539	105.00	R	238+57.04	JIMMY DELOACH CONNECTOR
	222.04		S 33°08'19.1" E	
DE10932	105.00	R	236+35.00	JIMMY DELOACH CONNECTOR
	10.00		S 56°51'40.9" W	
DE10931	95.00	R	236+35.00	JIMMY DELOACH CONNECTOR
	55.00		S 33°08'19.1" E	
DE10930	95.00	R	235+80.00	JIMMY DELOACH CONNECTOR
	10.00		N 56°51'40.9" E	
DE10929	105.00	R	235+80.00	JIMMY DELOACH CONNECTOR
	139.48		S 33°08'19.1" E	
DE10540	105.00	R	234+40.52	JIMMY DELOACH CONNECTOR
	229.05		S 77°01'59.0" W	
DE10519	110.00	L	235+19.50	JIMMY DELOACH CONNECTOR

REQD R/W = 586153.02 SF
REQD R/W = 13.456 ACRES
REMAINDER LT = +/- 31 ACRES
REMAINDER RT = +/- 54 ACRES
REMAINDER = +/- 85 ACRES

PESMT AREA A - PAR 20 / SV31 EASM'T. FOR CONSTRUCTION & MAINTENANCE OF UTILITY DE10020V

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10740	96.76	R	239+41.42	JIMMY DELOACH CONNECTOR
	57.61		N 38°15'09.2" W	
DE10538	90.00	R	240+00.00	JIMMY DELOACH CONNECTOR
	86.28		N 31°53'38.4" W	
DE10742	87.84	R	240+88.21	JIMMY DELOACH CONNECTOR
	181.12		N 77°01'46.7" E	
DE10741	260.81	R	240+32.02	JIMMY DELOACH CONNECTOR
	133.58		S 12°58'01.5" E	
DE10743	218.13	R	238+97.37	JIMMY DELOACH CONNECTOR
	128.53		S 76°58'33.2" W	
DE10740	96.76	R	239+41.4	JIMMY DELOACH CONNECTOR

REQD EASMT = 20967.938 SF
REQD EASMT = 0.481 ACRES

PESMT AREA B - PAR 20 / SV31 EASM'T. FOR CONSTRUCTION & MAINTENANCE OF UTILITY DE10020U

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10744	97.58	L	240+06.22	JIMMY DELOACH CONNECTOR
	168.69		S 76°58'33.2" W	
DE10745	258.36	L	240+55.13	JIMMY DELOACH CONNECTOR
	134.08		N 12°58'01.5" W	
DE10746	220.35	L	241+76.46	JIMMY DELOACH CONNECTOR
	134.15		N 77°01'58.5" E	
DE10747	91.31	L	241+41.20	JIMMY DELOACH CONNECTOR
	138.30		S 27°25'59.3" E	
DE10744	97.58	L	240+06.2	JIMMY DELOACH CONNECTOR

REQD EASMT = 20291.435 SF
REQD EASMT = 0.466 ACRES

PESMT AREA C - PAR 20 / SV31 EASM'T. FOR CONSTRUCTION & MAINTENANCE OF UTILITY DE10020X

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10723	85.59	R	241+42.20	JIMMY DELOACH CONNECTOR
	12.54		N 31°39'47.6" W	
DE10537	85.00	R	241+55.00	JIMMY DELOACH CONNECTOR
	18.18		N 17°48'07.7" W	
DE10725	88.45	R	241+73.25	JIMMY DELOACH CONNECTOR
	204.31		N 77°01'58.3" E	
DE10733	284.78	R	241+13.94	JIMMY DELOACH CONNECTOR
	30.00		S 12°58'02.2" E	
DE10734	276.15	R	240+83.04	JIMMY DELOACH CONNECTOR
	198.75		S 77°01'58.4" W	
DE10723	85.59	R	241+42.2	JIMMY DELOACH CONNECTOR

REQD EASMT = 6073.216 SF
REQD EASMT = 0.139 ACRES

PESMT AREA D - PAR 20 / SV31 EASM'T. FOR CONSTRUCTION & MAINTENANCE OF UTILITY DE10020Z

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10728	90.17	L	241+91.68	JIMMY DELOACH CONNECTOR
	121.74		S 77°01'58.5" W	
DE10722	207.67	L	242+22.37	JIMMY DELOACH CONNECTOR
	30.00		N 12°58'01.5" W	
DE10724	200.04	L	242+49.98	JIMMY DELOACH CONNECTOR
	101.75		N 77°01'59.2" E	
DE10726	101.62	L	242+25.06	JIMMY DELOACH CONNECTOR
	25.40		S 55°15'31.2" E	
DE10521	90.00	L	242+03.00	JIMMY DELOACH CONNECTOR
	11.58		S 27°26'07.2" E	
DE10728	90.17	L	241+91.7	JIMMY DELOACH CONNECTOR

REQD EASMT = 3420.929 SF
REQD EASMT = 0.079 ACRES

PESMT AREA H - PAR 20 / SV31 EASEMENT FOR CONSTRUCTION & MAINTENANCE OF UTILITY DE10020H

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10929	105.00	R	235+80.00	JIMMY DELOACH CONNECTOR
	10.00		S 56°51'40.9" W	
DE10930	95.00	R	235+80.00	JIMMY DELOACH CONNECTOR
	55.00		N 33°08'19.1" W	
DE10931	95.00	R	236+35.00	JIMMY DELOACH CONNECTOR
	10.00		N 56°51'40.9" E	
DE10932	105.00	R	236+35.00	JIMMY DELOACH CONNECTOR
	55.00		S 33°08'19.1" E	
DE10929	105.00	R	235+80.00	JIMMY DELOACH CONNECTOR

REQD EASMT = 550.00 SF
REQD EASMT = 0.013 ACRES

PESMT AREA I - PAR 20 / SV31 EASEMENT FOR CONSTRUCTION & MAINTENANCE OF UTILITY DE10020I

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10933	110.00	L	242+75.00	JIMMY DELOACH CONNECTOR
	5.00		S 62°50'53.4" W	
DE10934	115.00	L	242+75.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 66.87
CHORD BEAR = N 26°41'10.7" W
LNTH CHORD = 66.87
RADIUS = 4115.00
DEGREE = 1°23'32.5"

DE10935	115.00	L	243+40.00	JIMMY DELOACH CONNECTOR
	5.00		N 63°46'45.2" E	
DE10936	110.00	L	243+40.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 66.79
CHORD BEAR = S 26°41'10.7" E
LNTH CHORD = 66.79
RADIUS = 4110.00
DEGREE = 1°23'38.6"

DE10933	110.00	L	242+75.00	JIMMY DELOACH CONNECTOR

REQD EASMT = 334.14 SF
REQD EASMT = 0.008 ACRES

PESMT AREA J - PAR 20 / SV31 EASEMENT FOR CONSTRUCTION & MAINTENANCE OF UTILITY DE10020J

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10937	106.10	R	242+75.00	JIMMY DELOACH CONNECTOR
	10.15		S 62°50'53.4" W	
DE10938	95.94	R	242+75.00	JIMMY DELOACH CONNECTOR
	25.50		N 17°48'41.0" W	
DE10939	100.00	R	243+00.81	JIMMY DELOACH CONNECTOR

ARC LENGTH = 38.21
CHORD BEAR = N 26°30'05.3" W
LNTH CHORD = 38.21
RADIUS = 3900.00
DEGREE = 1°28'08.8"

DE10940	100.00	R	243+40.00	JIMMY DELOACH CONNECTOR
	10.00		N 63°46'45.2" E	
DE10941	110.00	R	243+40.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 38.90
CHORD BEAR = S 26°30'26.1" E
LNTH CHORD = 38.90
RADIUS = 3890.00
DEGREE = 1°28'22.4"

DE10536	110.00	R	243+00.00	JIMMY DELOACH CONNECTOR
	24.64		S 17°51'21.5" E	
DE10937	106.10	R	242+75.00	JIMMY DELOACH CONNECTOR

REQD EASMT = 636.50 SF
REQD EASMT = 0.015 ACRES

TOTAL EASMT FOR CONSTRUCTION & MAINTENANCE OF UTILITY AREA = 52274.158 SF
TOTAL EASMT FOR CONSTRUCTION & MAINTENANCE OF UTILITY AREA = 1.20 ACRES

TESMT AREA F - PAR 20 / SV31 EASM'T. FOR CONSTRUCTION OF UTILITY DE10020W

PNT	OFFSET/		STATION/	ALIGNMENT
DE10725	88.45	R	241+73.25	JIMMY DELOACH CONNECTOR
DE10727	92.16	R	241+93.43	JIMMY DELOACH CONNECTOR
DE10736	290.41	R	241+34.62	JIMMY DELOACH CONNECTOR
DE10733	284.78	R	241+13.94	JIMMY DELOACH CONNECTOR
DE10725	88.45	R	241+73.25	JIMMY DELOACH CONNECTOR

REQD EASMT AREA = 4103.057 SF

TESMT AREA G - PAR 20 / SV31 EASM'T. FOR CONSTRUCTION OF UTILITY DE10020Y

PNT	OFFSET/		STATION/	ALIGNMENT
DE10724	200.04	L	242+49.98	JIMMY DELOACH CONNECTOR
DE10729	195.06	L	242+68.44	JIMMY DELOACH CONNECTOR
DE10730	114.13	L	242+48.40	JIMMY DELOACH CONNECTOR
DE10726	101.62	L	242+25.06	JIMMY DELOACH CONNECTOR
DE10724	200.04	L	242+49.98	JIMMY DELOACH CONNECTOR

REQD EASMT AREA = 1853.127 SF

TOTAL EASMT FOR CONSTRUCTION OF UTILITY AREA = 5956.184 SF

PESMT AREA E - PAR 20 / SV31 EASM'T. FOR CONSTRUCTION & MAINTENANCE OF ACCESS DE10020E

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10540	105.00	R	234+40.52	JIMMY DELOACH CONNECTOR
	416.52		N 33°08'19.1" W	
DE10539	105.00	R	238+57.04	JIMMY DELOACH CONNECTOR
	140.27		N 38°15'08.9" W	
DE10538	90.00	R	240+00.00	JIMMY DELOACH CONNECTOR
	151.68		N 31°52'10.1" W	
DE10537	85.00	R	241+55.00	JIMMY DELOACH CONNECTOR
	59.67		N 17°48'41.0" W	
DE10554	96.01	R	242+15.00	JIMMY DELOACH CONNECTOR
	19.99		N 61°59'19.4" E	
DE10558	116.00	R	242+15.00	JIMMY DELOACH CONNECTOR
	61.28		S 18°06'54.3" E	
DE10557	105.00	R	241+53.00	JIMMY DELOACH CONNECTOR
	148.96		S 31°55'05.9" E	
DE10556	110.00	R	240+00.00	JIMMY DELOACH CONNECTOR
	139.56		S 38°17'01.9" E	
DE10555	125.00	R	238+57.04	JIMMY DELOACH CONNECTOR
	423.87		S 33°08'19.1" E	
DE10553	125.00	R	234+33.17	JIMMY DELOACH CONNECTOR
	21.31		S 77°01'59.0" W	
DE10540	105.00	R	234+40.5	JIMMY DELOACH CONNECTOR

REQD EASMT = 15382.464 SF
REQD EASMT = 0.353 ACRES

REQD L/A LEFT - PAR 20 / SV31 REQ'D R/W DE10020LAL

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10529	105.00	L	258+93.46	JIMMY DELOACH CONNECTOR
	223.46		S 8°56'22.6" E	
DE10528	105.00	L	256+70.00	JIMMY DELOACH CONNECTOR
	128.41		S 6°52'38.5" W	
DE10106	140.00	L	255+46.45	JIMMY DELOACH CONNECTOR
	152.08		S 6°13'08.4" E	
DE10526	150.00	L	254+00.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 466.88
CHORD BEAR = S 14°15'37.0" E
LNTH CHORD = 466.63
RADIUS = 4150.00
DEGREE = 1°22'50.2"

DE10525	150.00	L	249+50.00	JIMMY DELOACH CONNECTOR
	311.83		S 26°04'18.0" E	
DE10524	115.00	L	246+50.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 318.91
CHORD BEAR = S 24°00'02.0" E
LNTH CHORD = 318.83
RADIUS = 4115.00
DEGREE = 1°23'32.5"

DE10935	115.00	L	243+40.00	JIMMY DELOACH CONNECTOR
	5.00		N 63°46'45.2" E	
DE10936	110.00	L	243+40.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 66.79
CHORD BEAR = S 26°41'10.7" E
LNTH CHORD = 66.79
RADIUS = 4110.00
DEGREE = 1°23'38.6"

DE10933	110.00	L	242+75.00	JIMMY DELOACH CONNECTOR
	5.00		S 62°50'53.4" W	
DE10934	115.00	L	242+75.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 25.72
CHORD BEAR = S 27°19'51.2" E
LNTH CHORD = 25.72
RADIUS = 4115.00
DEGREE = 1°23'32.5"

DE10523	115.00	L	242+50.00	JIMMY DELOACH CONNECTOR
	54.30		S 55°15'31.2" E	
DE10521	90.00	L	242+03.00	JIMMY DELOACH CONNECTOR
	355.06		S 27°26'05.5" E	
DE10520	110.00	L	238+57.04	JIMMY DELOACH CONNECTOR
	337.54		S 33°08'19.1" E	
DE10519	110.00	L	235+19.50	JIMMY DELOACH CONNECTOR
	2391.30		N 20°52'28.0" W	
DE10529	105.00	L	258+93.46	JIMMY DELOACH CONNECTOR

REQD LIMITED ACCESS LEFT = 2450.98 LF

REQD L/A RIGHT - PAR 20 / SV31 REQ'D R/W DE10020LAR

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10540	105.00	R	234+40.52	JIMMY DELOACH CONNECTOR
	139.48		N 33°08'19.1" W	
DE10929	105.00	R	235+80.00	JIMMY DELOACH CONNECTOR
	10.00		S 56°51'40.9" W	
DE10930	95.00	R	235+80.00	JIMMY DELOACH CONNECTOR
	55.00		N 33°08'19.1" W	
DE10931	95.00	R	236+35.00	JIMMY DELOACH CONNECTOR
	10.00		N 56°51'40.9" E	
DE10932	105.00	R	236+35.00	JIMMY DELOACH CONNECTOR
	222.04		N 33°08'19.1" W	
DE10539	105.00	R	238+57.04	JIMMY DELOACH CONNECTOR
	140.27		N 38°15'08.9" W	
DE10538	90.00	R	240+00.00	JIMMY DELOACH CONNECTOR
	151.68		N 31°52'10.1" W	
DE10537	85.00	R	241+55.00	JIMMY DELOACH CONNECTOR
	119.01		N 17°48'07.7" W	
DE10937	106.10	R	242+75.00	JIMMY DELOACH CONNECTOR
	10.15		S 62°50'53.4" W	
DE10938	95.94	R	242+75.00	JIMMY DELOACH CONNECTOR
	25.50		N 17°48'41.0" W	
DE10939	100.00	R	243+00.81	JIMMY DELOACH CONNECTOR

ARC LENGTH = 38.21
CHORD BEAR = N 26°30'05.3" W
LNTH CHORD = 38.21
RADIUS = 3900.00
DEGREE = 1°28'08.8"

DE10940	100.00	R	243+40.00	JIMMY DELOACH CONNECTOR
	10.00		N 63°46'45.2" E	
DE10941	110.00	R	243+40.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 155.60
CHORD BEAR = N 25°04'29.5" W
LNTH CHORD = 155.59
RADIUS = 3890.00
DEGREE = 1°28'22.4"

DE10535	110.00	R	245+00.00	JIMMY DELOACH CONNECTOR
	194.49		N 19°33'00.6" W	
DE10534	120.00	R	247+00.00	JIMMY DELOACH CONNECTOR
	25.00		N 68°56'09.0" E	
DE10533	145.00	R	247+00.00	JIMMY DELOACH CONNECTOR

ARC LENGTH = 815.77
CHORD BEAR = N 15°00'06.9" W
LNTH CHORD = 814.24
RADIUS = 3855.00
DEGREE = 1°29'10.6"

DE10532	145.00	R	255+46.45	JIMMY DELOACH CONNECTOR
	10.00		N 81°02'49.0" E	
DE10103	155.00	R	255+46.45	JIMMY DELOACH CONNECTOR
	285.46		N 8°56'22.6" W	
DE10530	155.00	R	258+31.91	JIMMY DELOACH CONNECTOR

REQD LIMITED ACCESS RIGHT = 2417.67 LF

TOTAL REQD LIMITED ACCESS = 4868.65 LF

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

THE LPA GROUP
TRANSPORTATION CONSULTANTS
A UNIT OF MICHAEL BAKER CORPORATION
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 263-9118

DATE	REVISIONS	DATE	REVISIONS
7-03-2012	REVISED REQ'D R/W & LIMITED ACCESS FOR PARCEL 20;	2-12-2013	REVISED EASEMENT AREAS A & B, ADDED AREAS C,D,F & G FOR PARCEL 20
7-03-2012	ADDED EASEMENT FOR CONSTRUCTION & MAINTENANCE OF ACCESS	3-25-2013	REVISED REQ'D L/A RIGHT FOR PARCEL 21
7-03-2012	TO PARCEL 20	8-26-2015	PARCEL 20:ADDED UTILITY EASM'T LT & RT;REVISED REQ'D R/W LT & RT;
8-24-2012	REVISED REQ'D R/W, EASM'T, & L/A FOR PARCEL 21		REVISED L/A LT & RT
10-05-2012	REVISED REQ'D R/W, EASM'T, & L/A FOR PARCEL 20		MOVED PARCEL 21 TO SHEET 27
10-25-2012	REVISED ROAD NAMES ON DATA TABLES		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO: CSMSL-0008-00(690)
COUNTY: CHATHAM
LAND LOT NO:
LAND DISTRICT:
GMD 8
DATE 5/1/2012 SH 26 OF 30