****
PARCEL 11 REQ'D R/W KC51
****

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
SVC41	9.36	R	115+10.01	S.R. 53
ARC LENGTH = 131.268				
CHORD BEAR = S 59°48'09.09" E				
LNTH CHORD = 131.242				
RADIUS = 1917.935				
DEGREE = 2° 59' 14''				
SVA9160	8.44	R	116+40.59	S.R. 53
	25.96		S 61°45'48.70" E	
SVA9161	8.57	R	116+66.42	S.R. 53
ARC LENGTH = 179.860				
CHORD BEAR = S 64°48'14.82" E				
LNTH CHORD = 179.775				
RADIUS = 1694.493				
DEGREE = 3° 22' 52''				
SVC42	10.72	R	118+45.25	S.R. 53
	22.89		S 27°07'44.51" W	
KC10748	33.50	R	118+43.05	S.R. 53
ARC LENGTH = 304.943				
CHORD BEAR = N 63°23'16.07" W				
LNTH CHORD = 304.550				
RADIUS = 1733.500				
DEGREE = 3° 18' 18''				
KC10747	33.50	R	115+44.00	S.R. 53
	43.70		S 44°19'15.84" W	
KC10746	63.00	R	19+40.00	Thompson Rd
	34.47		N 83°22'05.02" W	
KC10745	38.00	R	19+16.00	Thompson Rd
ARC LENGTH = 55.527				
CHORD BEAR = S 49°37'50.21" W				
LNTH CHORD = 55.527				
RADIUS = 4462.000				
DEGREE = 1° 17' 2''				
KC10744	38.00	R	18+60.00	Thompson Rd
	21.81		S 5°43'45.36" W	
KC10743	53.00	R	18+44.00	Thompson Rd
ARC LENGTH = 58.383				
CHORD BEAR = S 48°41'39.41" W				
LNTH CHORD = 58.382				
RADIUS = 4447.000				
DEGREE = 1° 17' 18''				
KC10742	53.00	R	17+84.92	Thompson Rd
	19.03		N 44°44'56.29" W	
SVC40	34.00	R	17+83.90	Thompson Rd
	211.43		N 45°17'18.29" E	
SVC41	9.36	R	115+10.01	S.R. 53
REQD R/W = 12439.86 SF				
REQD R/W = 0.286 ACRES				
REMAINDER = +/- 1.8 ACRES				

(SEE SHEETS 9 & 14)

****
PARCEL 11 REQ'D EASM'T. KC84
EASEMENT 1
****

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC10743	53.00	R	18+44.00	Thompson Rd
	21.81		N 5°43'45.36" E	
KC10744	38.00	R	18+60.00	Thompson Rd
ARC LENGTH = 55.527				
CHORD BEAR = N 49°37'50.21" E				
LNTH CHORD = 55.527				
RADIUS = 4462.000				
DEGREE = 1° 17' 2''				
KC10745	38.00	R	19+16.00	Thompson Rd
	34.47		S 83°22'05.02" E	
KC10746	63.00	R	19+40.00	Thompson Rd
	31.95		S 80°09'49.35" W	
KC10926	47.00	R	19+12.00	Thompson Rd
	47.50		S 49°37'50.21" W	
KC10927	47.00	R	18+64.00	Thompson Rd
	20.67		S 32°19'17.30" W	
KC10743	53.00	R	18+44.00	Thompson Rd
REQD EASMT 1 = 722.64 SF				
REQD EASMT 1 = 0.017 ACRES				

(SEE SHEET 9)

****
PARCEL 11 REQ'D EASM'T. KC85
EASEMENT 2
****

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC10746	63.00	R	19+40.00	Thompson Rd
	43.70		N 44°19'15.84" E	
KC10747	33.50	R	115+44.00	S.R. 53
ARC LENGTH = 304.943				
CHORD BEAR = S 63°23'16.07" E				
LNTH CHORD = 304.550				
RADIUS = 1733.500				
DEGREE = 3° 18' 18''				
KC10748	33.50	R	118+43.05	S.R. 53
	34.66		S 27°07'44.51" W	
KC10929	68.00	R	118+39.82	S.R. 53
ARC LENGTH = 301.416				
CHORD BEAR = N 63°26'04.31" W				
LNTH CHORD = 301.051				
RADIUS = 1768.000				
DEGREE = 3° 14' 26''				
KC10928	68.00	R	115+50.00	S.R. 53
	17.80		N 85°34'51.70" W	
KC10746	63.00	R	19+40.00	Thompson Rd
REQD EASMT 2 = 10757.97 SF				
REQD EASMT 2 = 0.247 ACRES				
TOTAL REQD EASMT = 0.264 ACRES				

(SEE SHEETS 9 & 14)

****
PARCEL 11 REQ'D DRWY. EASM'T. KC83
****

PNT	OFFSET		STATION	ALIGNMENT
KC10742	53.00	R	17+84.92	Thompson Rd
ARC LENGTH = 58.383				
CHORD BEAR = N 48°41'39.41" E				
LNTH CHORD = 58.382				
RADIUS = 4447.000				
DEGREE = 1° 17' 18''				
KC10743	53.00	R	18+44.00	Thompson Rd
KC10927	47.00	R	18+64.00	Thompson Rd
KC10926	47.00	R	19+12.00	Thompson Rd
KC10925	90.00	R	19+10.00	Thompson Rd
KC10924	90.00	R	18+83.00	Thompson Rd
KC10923	106.00	R	18+40.00	Thompson Rd
KC10922	147.00	R	18+30.00	Thompson Rd
KC10921	152.00	R	17+98.00	Thompson Rd
KC10917	138.00	R	17+89.62	Thompson Rd
KC10742	53.00	R	17+84.92	Thompson Rd

(SEE SHEET 9)

****
PARCEL 11 REQ'D TEMP. EASM'T. KC86
****

PNT	OFFSET		STATION	ALIGNMENT
KC10929	68.00	R	118+39.82	S.R. 53
SVC36	3.89	L	9+21.73	Temp Detour 2
SVC37	2.02	L	7+94.64	Temp Detour 2
SVC38	3.40	R	6+78.52	Temp Detour 2
KC10934	18.50	L	6+89.50	Temp Detour 2
KC10933	16.00	L	8+04.00	Temp Detour 2
KC10932	15.00	L	8+80.00	Temp Detour 2
KC10931	18.00	R	8+32.00	Temp Detour 1
KC10930	68.00	R	117+96.00	S.R. 53
ARC LENGTH = 45.576				
CHORD BEAR = S 67°34'48.17" E				
LNTH CHORD = 45.575				
RADIUS = 1768.000				
DEGREE = 3° 14' 26''				
KC10929	68.00	R	118+39.82	S.R. 53
REQD EASMT AREA = 5934.15 SF				

(SEE SHEETS 14 & 14A)

****
PARCEL 12 REQ'D R/W KC52
****

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
SVA9410	5.24	R	20+76.58	Etowah River Rd
	47.91		N 57°38'36.67" E	
SVA9408	9.67	R	21+24.37	Etowah River Rd
	295.16		N 57°38'36.97" E	
SVA9247	25.74	R	24+20.31	Etowah River Rd
	3.31		N 58°12'18.35" E	
SVA9253	25.85	R	24+23.64	Etowah River Rd
	15.84		N 58°15'38.90" E	
SVA9246	26.32	R	24+39.57	Etowah River Rd
	14.40		S 51°33'32.63" E	
KC10710	40.00	R	24+44.11	Etowah River Rd
ARC LENGTH = 47.680				
CHORD BEAR = S 56°24'17.59" W				
LNTH CHORD = 47.679				
RADIUS = 4460.000				
DEGREE = 1° 17' 4''				
KC10711	40.00	R	23+96.00	Etowah River Rd
	13.53		N 87°43'29.51" W	
KC10712	32.00	R	23+85.00	Etowah River Rd
ARC LENGTH = 141.735				
CHORD BEAR = S 55°02'59.26" W				
LNTH CHORD = 141.729				
RADIUS = 4468.000				
DEGREE = 1° 16' 56''				
KC10767	32.00	R	22+42.25	Etowah River Rd
	67.68		S 29°18'21.25" W	
KC10768	60.00	R	21+80.00	Etowah River Rd
	22.31		N 63°01'30.29" W	
KC10769	40.00	R	21+70.00	Etowah River Rd
ARC LENGTH = 19.822				
CHORD BEAR = S 53°05'37.61" W				
LNTH CHORD = 19.822				
RADIUS = 4460.000				
DEGREE = 1° 17' 4''				
KC10770	40.00	R	21+50.00	Etowah River Rd
	55.91		S 19°15'32.95" W	
KC10771	71.38	L	115+98.00	S.R. 53
ARC LENGTH = 70.494				
CHORD BEAR = N 59°23'57.92" W				
LNTH CHORD = 70.490				
RADIUS = 1837.935				
DEGREE = 3° 7' 2''				
SVA9410	5.24	R	20+76.58	Etowah River Rd
REQD R/W = 7907.70 SF				
REQD R/W = 0.182 ACRES				
REMAINDER = +/- 1.5 ACRES				

(SEE SHEETS 9 & 11)

****
PARCEL 12 REQ'D EASM'T. KC87
****

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC10771	71.38	L	115+98.00	S.R. 53
	55.91		N 19°15'32.95" E	
KC10770	40.00	R	21+50.00	Etowah River Rd
ARC LENGTH = 19.822				
CHORD BEAR = N 53°05'37.61" E				
LNTH CHORD = 19.822				
RADIUS = 4460.000				
DEGREE = 1° 17' 4''				
KC10769	40.00	R	21+70.00	Etowah River Rd
	22.31		S 63°01'30.29" E	
KC10768	60.00	R	21+80.00	Etowah River Rd
	67.68		N 29°18'21.25" E	
KC10767	32.00	R	22+42.25	Etowah River Rd
ARC LENGTH = 141.735				
CHORD BEAR = N 55°02'59.26" E				
LNTH CHORD = 141.729				
RADIUS = 4468.000				
DEGREE = 1° 16' 56''				
KC10712	32.00	R	23+85.00	Etowah River Rd
	13.53		S 87°43'29.51" E	
KC10711	40.00	R	23+96.00	Etowah River Rd
ARC LENGTH = 47.680				
CHORD BEAR = N 56°24'17.59" E				
LNTH CHORD = 47.679				
RADIUS = 4460.000				
DEGREE = 1° 17' 4''				
KC10710	40.00	R	24+44.11	Etowah River Rd
	10.53		S 51°33'32.63" E	
KC10828	50.00	R	24+47.45	Etowah River Rd
	56.81		S 56°23'16.61" W	
KC10829	50.00	R	23+90.00	Etowah River Rd
	14.29		N 58°34'48.05" W	
KC10830	37.00	R	23+84.00	Etowah River Rd
	138.84		S 55°03'16.45" W	
KC10831	37.00	R	22+44.00	Etowah River Rd
	67.39		S 29°13'06.60" W	
KC10832	65.00	R	21+82.00	Etowah River Rd
	53.15		S 48°10'33.62" W	
KC10836	95.00	L	116+07.00	S.R. 53
	247.41		S 60°27'41.52" E	
KC10837	76.00	L	118+67.00	S.R. 53
	51.43		N 36°14'43.61" E	
KC10838	125.50	L	118+81.82	S.R. 53
	57.08		S 28°17'36.08" W	
SVA9168	68.96	L	118+73.51	S.R. 53
ARC LENGTH = 197.558				
CHORD BEAR = N 65°16'08.45" W				
LNTH CHORD = 197.442				
RADIUS = 1664.493				
DEGREE = 3° 26' 32''				
SVA9165	71.42	L	116+67.46	S.R. 53
	25.96		N 61°45'44.93" W	
SVA9164	71.56	L	116+40.36	S.R. 53
ARC LENGTH = 40.580				
CHORD BEAR = N 61°07'50.63" W				
LNTH CHORD = 40.579				
RADIUS = 1837.935				
DEGREE = 3° 7' 2''				
KC10771	71.38	L	115+98.00	S.R. 53
REQD EASMT = 7894.23 SF				
REQD EASMT = 0.181 ACRES				

(SEE SHEETS 9, 11, & 14)

****
PARCEL 12 REQ'D DRWY. EASM'T. KC88
****

PNT	OFFSET		STATION	ALIGNMENT
KC10835	67.67	R	21+51.00	Etowah River Rd
KC10832	65.00	R	21+82.00	Etowah River Rd
KC10884	59.23	R	21+95.00	Etowah River Rd
KC10833	74.00	R	22+05.00	Etowah River Rd
KC10834	97.00	R	21+89.00	Etowah River Rd
KC10835	67.67	R	21+51.00	Etowah River Rd

(SEE SHEET 11)

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

SCALE IN FEET
0 20 40 80

Heath & Lineback Engineers INCORPORATED
2500 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5593

MULKEY ENGINEERS & CONSULTANTS
1255 CANTON STREET, SUITE G
ROSWELL, GEORGIA 30075
(678) 461-3511

DATE	REVISIONS	DATE	REVISIONS
12/1/2010	PARCEL 11, REVISED REQUIRED R/W AND EASEMENTS		
6/22/2011	PARCEL 12, REVISED REQUIRED R/W AND EASEMENTS		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO: STP00-0001-00(769
COUNTY: DAWSON
LAND LOT NO: 113 & 128
LAND DISTRICT: 13
GMD 331
DATE 3/18/10 SH 10 OF 18

1/5/2009