PARCEL 15(UPPER) REQ'D R/W KC822 TRACT 1

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC80089	30.00	L	24+56.07	SPRING ST.
ARC LENGTH = 4.017				
CHORD BEAR = N 44°31'55" W				
LNTH CHORD = 4.017				
RADIUS = 1267.760				
DEGREE = 4° 31' 10''				
KC80090	33.50	L	24+58.04	SPRING ST.
	1.70		N 16°09'29" E	
KC80100	33.50	L	24+59.74	SPRING ST.
	2.00		S 73°50'31" E	
KC80101	31.50	L	24+59.74	SPRING ST.
	181.76		N 16°09'29" E	
KC80102	31.50	L	26+41.50	SPRING ST.
	2.00		N 73°50'31" W	
KC80103	33.50	L	26+41.50	SPRING ST.
	5.00		N 16°09'29" E	
KC80104	33.50	L	26+46.50	SPRING ST.
	2.00		S 73°50'31" E	
KC80105	31.50	L	26+46.50	SPRING ST.
	5.28		N 16°09'29" E	
KC80099	31.50	L	26+51.78	SPRING ST.
ARC LENGTH = 31.540				
CHORD BEAR = N 20°30'23" E				
LNTH CHORD = 31.510				
RADIUS = 207.792				
DEGREE = 27° 34' 25''				
KC80107	31.50	L	26+78.54	SPRING ST.
ARC LENGTH = 16.913				
CHORD BEAR = S 19°09'40" W				
LNTH CHORD = 16.905				
RADIUS = 161.306				
DEGREE = 35° 31' 11''				
KC80106	30.51	L	26+64.18	SPRING ST.
	210.24		S 16°09'29" W	
KC80089	30.00	L	24+56.07	SPRING ST.
REQD R/W = 335.31 SF				
REQD R/W = 0.00770 ACRES				

PARCEL 15(UPPER) REQ'D R/W KC823 TRACT 2

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC80083	29.99	R	24+24.59	SPRING ST.
	3.23		N 16°09'29" E	
KC80111	29.99	R	24+27.83	SPRING ST.
	1.65		S 49°46'15" E	
KC80108	31.50	R	24+27.16	SPRING ST.
	2.66		S 16°09'29" W	
KC80109	31.50	R	24+24.50	SPRING ST.
	2.00		S 73°50'31" E	
KC80110	33.50	R	24+24.50	SPRING ST.
	1.62		S 16°10'20" W	
KC80084	33.50	R	24+22.88	SPRING ST.
ARC LENGTH = 3.902				
CHORD BEAR = N 47°46'34" W				
LNTH CHORD = 3.902				
RADIUS = 1267.765				
DEGREE = 4° 31' 9''				
KC80083	29.99	R	24+24.59	SPRING ST.
REQD R/W = 7.18 SF				
REQD R/W = 0.00016 ACRES				

PARCEL 15(UPPER) REQ'D R/W KC824 TRACT 3

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC80114	32.23	L	26+99.50	SPRING ST.
	1.27		N 58°19'55" W	
KC80112	33.50	L	26+99.50	SPRING ST.
ARC LENGTH = 5.950				
CHORD BEAR = N 32°28'50" E				
LNTH CHORD = 5.950				
RADIUS = 209.792				
DEGREE = 27° 18' 38''				
KC80113	33.50	L	27+04.50	SPRING ST.
	1.22		S 56°42'25" E	
KC80115	32.28	L	27+04.50	SPRING ST.
ARC LENGTH = 5.915				
CHORD BEAR = S 32°00'56" W				
LNTH CHORD = 5.915				
RADIUS = 161.306				
DEGREE = 35° 31' 11''				
KC80114	32.23	L	26+99.50	SPRING ST.
REQD R/W = 7.34 SF				
REQD R/W = 0.00017 ACRES				

PARCEL 15(UPPER) REQ'D R/W KC825 TRACT 4

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC80122	29.99	R	26+27.09	SPRING ST.
	39.23		N 16°09'30" E	
KC80125	29.27	R	26+69.24	SPRING ST.
ARC LENGTH = 5.033				
CHORD BEAR = N 17°34'44" E				
LNTH CHORD = 5.032				
RADIUS = 101.314				
DEGREE = 56° 33' 9''				
KC80124	28.82	R	26+75.24	SPRING ST.
	2.47		S 39°47'20" E	
KC80123	31.03	R	26+73.90	SPRING ST.
	18.20		S 18°15'59" W	
KC80116	31.50	R	26+51.78	SPRING ST.
	7.28		S 16°09'29" W	
KC80118	31.50	R	26+44.50	SPRING ST.
	2.00		S 73°50'31" E	
KC80119	33.50	R	26+44.50	SPRING ST.
	5.00		S 16°09'29" W	
KC80120	33.50	R	26+39.50	SPRING ST.
	2.00		N 73°50'31" W	
KC80121	31.50	R	26+39.50	SPRING ST.
	10.44		S 16°09'22" W	
KC80117	31.50	R	26+29.06	SPRING ST.
	2.48		S 53°34'20" W	
KC80122	29.99	R	26+27.09	SPRING ST.
REQD R/W = 80.52 SF				
REQD R/W = 0.00185 ACRES				
TOTAL PARCEL 15 TRACTS 1, 2, 3 &4				
REQD R/W (TRACT 1) = 0.00770 ACRES				
REQD R/W (TRACT 2) = 0.00016 ACRES				
REQD R/W (TRACT 3) = 0.00017 ACRES				
REQD R/W (TRACT 4) = 0.00185 ACRES				
REQD R/W (TOTAL) = 0.00988 ACRES				
REMAINDER = +/- 4.4 ACRES				

PARCEL 15(UPPER) REQ'D EASM'T. FOR CONSTR. OF FENCE KC826 TRACT 5

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC80127	34.00	R	24+81.70	SPRING ST.
	4.01		N 73°44'38" W	
KC80129	29.99	R	24+81.71	SPRING ST.
	8.87		N 16°09'29" E	
KC80128	29.99	R	24+90.58	SPRING ST.
	4.01		S 73°44'19" E	
KC80126	34.00	R	24+90.57	SPRING ST.
	8.87		S 16°09'40" W	
KC80127	34.00	R	24+81.70	SPRING ST.
REQD EASMT = 35.54 SF				

PARCEL 15(UPPER) REQ'D EASM'T. FOR CONSTR. OF FENCE KC827 TRACT 6

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC80101	31.50	L	24+59.74	SPRING ST.
	2.50		N 73°49'12" W	
KC80130	34.00	L	24+59.74	SPRING ST.
	55.79		N 16°09'29" E	
KC80131	34.00	L	25+15.53	SPRING ST.
	2.60		S 89°38'50" E	
KC80132	31.50	L	25+16.23	SPRING ST.
	56.50		S 16°09'31" W	
KC80101	31.50	L	24+59.74	SPRING ST.
REQD EASMT = 140.33 SF				
REQD EASMT (TRACT 6) = 140.33 SF				
REQD EASMT (TRACT 5) = 35.54 SF				
TOTAL REQD EASMT = 175.87 SF				

PARCEL 16A(UPPER) REQ'D EASM'T. FOR CONSTR. OF SLOPES KC828 TRACT 1

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC80123	31.03	R	26+73.90	SPRING ST.
	16.74		N 18°22'55" E	
KC80134	28.63	R	26+93.86	SPRING ST.
	0.79		N 41°00'33" W	
KC80133	27.88	R	26+94.17	SPRING ST.
ARC LENGTH = 38.949				
CHORD BEAR = N 39°01'14" E				
LNTH CHORD = 38.709				
RADIUS = 101.314				
DEGREE = 56° 33' 9''				
KC80137	28.95	R	27+40.43	SPRING ST.
	18.00		N 50°06'02" E	
KC80136	29.55	R	27+61.00	SPRING ST.
	5.52		S 39°58'00" E	
KC80135	35.07	R	27+61.00	SPRING ST.
	27.03		S 49°22'21" W	
KC80138	33.67	R	27+28.67	SPRING ST.
ARC LENGTH = 45.263				
CHORD BEAR = S 35°36'11" W				
LNTH CHORD = 44.611				
RADIUS = 76.785				
DEGREE = 74° 37' 6''				
KC80123	31.03	R	26+73.90	SPRING ST.
REQD EASMT = 276.58 SF				

PARCEL 16A(UPPER) REQ'D R/W KC829 TRACT 2

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC80123	31.03	R	26+73.90	SPRING ST.
	2.47		N 39°47'20" W	
KC80124	28.82	R	26+75.24	SPRING ST.
ARC LENGTH = 15.919				
CHORD BEAR = N 23°30'16" E				
LNTH CHORD = 15.902				
RADIUS = 101.314				
DEGREE = 56° 33' 9''				
KC80133	27.88	R	26+94.17	SPRING ST.
	0.79		S 41°00'33" E	
KC80134	28.63	R	26+93.86	SPRING ST.
	16.74		S 18°22'55" W	
KC80123	31.03	R	26+73.90	SPRING ST.
REQD R/W = 26.60 SF				
REQD R/W = 0.00061 ACRES				
REMAINDER = +/- 1.7 ACRES				

PARCEL 16(UPPER) REQ'D DRWY. EASM'T. 1 OF 2 KC830

PNT	OFFSET		STATION	ALIGNMENT
KC80141	32.27	L	27+11.19	SPRING ST.
KC80140	46.89	L	27+14.12	SPRING ST.
KC80142	37.97	L	27+77.00	SPRING ST.
KC80143	30.60	L	27+77.00	SPRING ST.
KC80147	30.59	L	27+74.20	SPRING ST.
KC80146	32.12	L	27+74.20	SPRING ST.
KC80145	32.12	L	27+69.36	SPRING ST.
KC80144	30.57	L	27+69.36	SPRING ST.
KC80139	30.87	L	27+44.94	SPRING ST.
ARC LENGTH = 39.849				
CHORD BEAR = S 42°57'22" W				
LNTH CHORD = 39.747				
RADIUS = 161.306				
DEGREE = 35° 31' 11''				
KC80141	32.27	L	27+11.19	SPRING ST.

PARCEL 16 REQ'D EASM'T. FOR CONSTR. OF SLOPES KC835 TRACT 2

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC80148	49.39	L	27+14.58	SPRING ST.
	73.59		N 52°08'50" E	
KC80149	40.47	L	27+77.00	SPRING ST.
	2.50		S 39°58'00" E	
KC80142	37.97	L	27+77.00	SPRING ST.
	73.58		S 52°05'54" W	
KC80140	46.89	L	27+14.12	SPRING ST.
	2.56		N 40°18'19" W	
KC80148	49.39	L	27+14.58	SPRING ST.
REQD EASMT = 186.15 SF				

PARCEL 16(UPPER) REQ'D R/W KC832 TRACT 3

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
KC80144	30.57	L	27+69.36	SPRING ST.
	1.55		N 40°02'47" W	
KC80145	32.12	L	27+69.36	SPRING ST.
	4.84		N 50°01'60" E	
KC80146	32.12	L	27+74.20	SPRING ST.
	1.53		S 39°57'42" E	
KC80147	30.59	L	27+74.20	SPRING ST.
	4.84		S 49°45'44" W	
KC80144	30.57	L	27+69.36	SPRING ST.
REQD R/W = 7.47 SF				
REQD R/W = 0.00017 ACRES				
REMAINDER = +/- 0.23 ACRES				

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393

DATE	REVISIONS	DATE	REVISIONS
09-05-08	SEE SHEET 3 FOR DETAILS	07-25-13	SEE SHEET 4B FOR DETAILS
07-09-09	SEE SHEET 4 FOR DETAILS		
07-30-09	SEE SHEET 4 FOR DETAILS		
10-28-09	SEE SHEET 4A FOR DETAILS		
01-30-12	SEE SHEET 4A FOR DETAILS		
07-19-13	SEE SHEET 4B FOR DETAILS		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP (UPPER LEVEL)
PROJECT NO: BHNLB-9073-00(016)
BRNLB-9073-00(018)
COUNTY: FULTON
LAND LOT NO: 77 & 78
LAND DISTRICT: 14
GMD 1
DATE 10/26/2000

SH 20 OF 23

3/1/2007