STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	EDS-545 (3)	53	67

PARCEL 17 REQ'D R/W KC6045

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC2774	65.42 R	11+90.52	CR 296
	25.10	N 60°44'12.9" W	
SVX07998	40.36 R	11+88.94	CR 296
	149.83	N 29°03'02.2" E	
SVX07993	30.22 R	13+39.16	CR 296
	28.43	S 60°45'26.7" E	
KC2779	58.53 R	13+41.92	CR 296
	149.86	S 30°19'15.0" W	
KC2774	65.42 R	11+90.52	CR 296

REQD R/W = 4010.35 SF
REQD R/W = 0.092 ACRES
REMAINDER =+/-0.91 ACRES
DRIVEWAYS = 1

PARCEL 17 REQ'D DRWY. EASM'T. KC6306

PNT	OFFSET	STATION	ALIGNMENT
KC4598	63.60 R	12+31.31	CR 296
KC4599	62.18 R	12+63.25	CR 296
KC4600	77.17 R	12+63.92	CR 296
KC4601	78.59 R	12+31.98	CR 296
KC4598	63.60 R	12+31.31	CR 296

PARCEL 18 REQ'D R/W KC6046

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC2783	61.51 R	15+16.58	CR 296

ARC LENGTH = 156.432
CHORD BEAR = S 44°20'02.5" W
LNTH CHORD = 155.786
RADIUS = 496.727
DEGREE = 11° 32' 4"

KC2779	58.53 R	13+41.92	CR 296
	28.43	N 60°45'26.7" W	
SVX07993	30.22 R	13+39.16	CR 296
	150.53	N 29°21'10.2" E	
SVX07988	2.50 L	14+90.23	CR 296
	68.70	S 60°39'45.5" E	
KC2783	61.51 R	15+16.58	CR 296

REQD R/W = 6669.24 SF
REQD R/W = 0.153 ACRES
REMAINDER =+/-0.85 ACRES
DRIVEWAYS = 1

PARCEL 18 REQ'D DRWY. EASM'T. KC6307

PNT	OFFSET	STATION	ALIGNMENT
KC4605	58.99 R	13+76.24	CR 296

ARC LENGTH = 34.734
CHORD BEAR = N 40°52'09.1" E
LNTH CHORD = 34.727
RADIUS = 496.727
DEGREE = 11° 32' 4"

KC7005	59.59 R	14+14.98	CR 296
KC4603	71.93 R	14+18.17	CR 296
KC4604	78.48 R	13+79.75	CR 296
KC4605	58.99 R	13+76.24	CR 296

PARCEL 19 REQ'D R/W KC6050

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
SVX07986	70.04 L	16+16.85	CR 296
	170.62	S 60°44'14.9" E	
KC8000	65.00 R	17+21.54	CR 296
	181.39	S 63°19'04.2" W	
KC2783	61.51 R	15+16.58	CR 296
	68.70	N 60°39'45.5" W	
SVX07988	2.50 L	14+90.23	CR 296
	150.19	N 29°07'57.6" E	
SVX07986	70.04 L	16+16.85	CR 296

REQD R/W = 17979.21 SF
REQD R/W = 0.413 ACRES
REMAINDER = +/- 0.000 ACRES

PARCEL 19 REMNANT REQ'D R/W KC6052

PNT	*OFFSET/ DIST*	*STATION/ BEARING*	*ALIGNMENT*
KC2783	*61.51 R*	*15+16.58*	*CR 296*
	181.39	*N 63°19'04" E*	
KC8000	*65.00 R*	*17+21.54*	*CR 296*
	120.33	*S 60°44'14" E*	
SVX07985	*144.69 R*	*18+32.46*	*CR 296*
	150.57	*S 29°21'09" W*	
SVX07991	*254.44 R*	*16+72.02*	*CR 296*
	221.67	*N 60°39'45" W*	
KC2783	*61.51 R*	*15+16.58*	*CR 296*

REQD R/W = 25730.00 SF
REQD R/W = 0.591 ACRES

PARCEL 20A REQ'D R/W KC6087

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
KC3049	90.29 L	105+43.58	THOMSON BYPASS
	36.25	N 64°15'06.3" W	
KC3045	125.89 L	105+36.53	THOMSON BYPASS
	207.36	N 36°39'12.8" E	
KC3051	120.21 L	107+50.75	THOMSON BYPASS
	30.25	S 64°13'45.2" E	
KC3052	90.23 L	107+54.91	THOMSON BYPASS
	206.30	S 35°01'06.8" W	
KC3049	90.29 L	105+43.58	THOMSON BYPASS

REQD R/W = 6770.87 SF
REQD R/W = 0.155 ACRES
REMAINDER = +/- 2.8 ACRES
DRIVEWAYS = 2

PARCEL 20A REQ'D DRWY. EASM'T. KC6390

PNT	OFFSET	STATION	ALIGNMENT
KC7082	125.89 L	105+44.88	THOMSON BYPASS
KC7083	140.89 L	105+43.36	THOMSON BYPASS
KC7084	140.57 L	105+89.17	THOMSON BYPASS
KC7085	125.56 L	105+90.50	THOMSON BYPASS
KC7082	125.89 L	105+44.88	THOMSON BYPASS

PARCEL 20A REQ'D DRWY. EASM'T. KC6391

PNT	OFFSET	STATION	ALIGNMENT
KC7087	122.48 L	107+03.15	THOMSON BYPASS
KC7088	137.50 L	107+03.05	THOMSON BYPASS
KC7089	135.88 L	107+38.31	THOMSON BYPASS
KC7090	120.87 L	107+38.27	THOMSON BYPASS
KC7087	122.48 L	107+03.15	THOMSON BYPASS

PARCEL 21 REQ'D R/W KC6051

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
SVX07983	50.44 R	12+31.08	CR 296 CONN
	290.44	S 60°44'14.3" E	
SVX07984	20.14 R	19+20.29	CR 296
	149.93	S 29°06'17.5" W	
SVX07985	144.69 R	18+32.46	CR 296
	290.94	N 60°44'14.3" W	
SVX07986	70.04 L	16+16.85	CR 296
	149.93	N 29°17'42.4" E	
SVX07983	50.44 R	12+31.08	CR 296 CONN

REQD R/W = 43584.58 SF
REQD R/W = 1.001 ACRES
REMAINDER = +/- 0.00 ACRES

PARCEL 22, TRACT 1 REQ'D R/W KC6053

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
SVX07981	16.71 R	58+46.11	THOMSON BYPASS
	137.24	N 70°48'16.6" W	
KC8003	120.00 L	58+58.02	THOMSON BYPASS

ARC LENGTH = 207.131
CHORD BEAR = N 15°44'40.0" E
LNTH CHORD = 207.107
RADIUS = 3939.715
DEGREE = 1° 27' 15"

KC8004	120.00 L	60+58.84	THOMSON BYPASS
	212.71	S 79°09'48.9" E	
SVX07976	91.30 R	60+83.18	THOMSON BYPASS
	245.29	S 33°31'55.3" W	
SVX07981	16.71 R	58+46.11	THOMSON BYPASS

REQD R/W = 38441.59 SF
REQD R/W = 0.882 ACRES
SEE TRACT 2 FOR SUMMARY

PARCEL 22, TRACT 2 REQ'D R/W KC6701

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
SVX07978	50.49 R	14+24.70	CR 296 CONN
	190.11	N 28°59'44.9" E	
SVX07973	50.00 R	16+14.81	CR 296 CONN
	15.80	S 79°09'44.4" E	
KC8012	65.00 R	16+19.77	CR 296 CONN
	192.52	S 29°08'42.3" W	
KC8011	65.00 R	14+27.25	CR 296 CONN
	14.73	N 70°48'15.5" W	
SVX07978	50.49 R	14+24.70	CR 296 CONN

REQD R/W = 2824.10 SF
REQD R/W = 0.065 ACRES
TOTAL REQD R/W = 41265.69 SF (TRACT 1+2)
TOTAL REQD R/W = 0.947 ACRES (TRACT 1+2)
REMAINDER = +/-0.63 ACRES
DRIVEWAYS = 1

PARCEL 22 REQ'D DRWY. EASM'T. KC5534

PNT	OFFSET	STATION	ALIGNMENT
KC5634	65.00 R	15+22.00	CR 296 CONN
KC5635	80.00 R	15+22.00	CR 296 CONN
KC5636	80.00 R	14+78.00	CR 296 CONN
KC5637	65.00 R	14+78.00	CR 296 CONN
KC5634	65.00 R	15+22.00	CR 296 CONN

PARCEL 22 REQ'D SEDIMENT BASIN EASM'T. KC6400

PNT	OFFSET	STATION	ALIGNMENT
KC7520	93.01 R	16+29.04	CR 296 CONN
KC8004	120.00 L	60+58.84	THOMSON BYPASS

ARC LENGTH = 54.003
CHORD BEAR = S 16°51'30.0" W
LNTH CHORD = 54.003
RADIUS = 3939.715
DEGREE = 1° 27' 15"

KC7513	120.00 L	60+06.48	THOMSON BYPASS
KC7514	107.63 R	15+80.43	CR 296 CONN
KC7520	93.01 R	16+29.04	CR 296 CONN

REQD EASMT AREA = 4499.29 SF

PARCEL 23, TRACT1 REQ'D R/W KC6054

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
SVX07971	129.48 R	62+32.45	THOMSON BYPASS
	87.72	S 33°29'19.2" W	
KC2818	107.82 R	61+44.72	THOMSON BYPASS
	62.17	S 33°29'19.2" W	
SVX07976	91.30 R	60+83.18	THOMSON BYPASS
	212.71	N 79°09'48.9" W	
KC8004	120.00 L	60+58.84	THOMSON BYPASS

ARC LENGTH = 142.269
CHORD BEAR = N 18°17'06.6" E
LNTH CHORD = 142.261
RADIUS = 3939.715
DEGREE = 1° 27' 15"

KC8005	120.00 L	61+96.78	THOMSON BYPASS
	252.00	S 78°32'28.0" E	
SVX07971	129.48 R	62+32.45	THOMSON BYPASS

REQD R/W = 32570.19 SF
REQD R/W = 0.748 ACRES
SEE TRACT 2 FOR SUMMARY

PARCEL 23, TRACT 2 REQ'D R/W KC6702

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
SVX07973	50.00 R	16+14.81	CR 296 CONN
	149.65	N 28°59'12.7" E	
SVX07968	49.58 R	17+64.46	CR 296 CONN
	16.18	S 78°32'22.7" E	
KC8013	65.00 R	17+69.37	CR 296 CONN
	149.60	S 29°08'42.7" W	
KC8012	65.00 R	16+19.77	CR 296 CONN
	15.80	N 79°09'44.4" W	
SVX07973	50.00 R	16+14.81	CR 296 CONN

REQD R/W = 2277.00 SF
REQD R/W = 0.052 ACRES
TOTAL REQD R/W = 34847.19 SF (TRACT 1+ 2)
TOTAL REQD R/W = 0.800 ACRES (TRACT 1+ 2)
REMAINDER =+/-0.34 ACRES
DRIVEWAYS = 1

PARCEL 23 REQ'D DRWY. EASM'T. KC5533

PNT	OFFSET	STATION	ALIGNMENT
KC5630	65.00 R	16+78.00	CR 296 CONN
KC5631	75.00 R	16+78.00	CR 296 CONN
KC5632	75.00 R	16+43.00	CR 296 CONN
KC5633	65.00 R	16+43.00	CR 296 CONN
KC5630	65.00 R	16+78.00	CR 296 CONN

PARCEL 23 REQ'D SEDIMENT BASIN EASM'T. KC6397

PNT	OFFSET	STATION	ALIGNMENT
KC7511	65.82 R	17+19.45	CR 296 CONN
KC7512	120.00 L	61+47.65	THOMSON BYPASS

ARC LENGTH = 91.599
CHORD BEAR = S 17°54'59.3" W
LNTH CHORD = 91.597
RADIUS = 3939.715
DEGREE = 1° 27' 15"

KC8004	120.00 L	60+58.84	THOMSON BYPASS
KC7520	93.01 R	16+29.04	CR 296 CONN
KC7511	65.82 R	17+19.45	CR 296 CONN

REQD EASMT AREA = 8595.61 SF

PARCEL 24, TRACT 1 REQ'D R/W KC6055

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
SVX07971	129.48 R	62+32.45	THOMSON BYPASS
	252.00	N 78°32'28.0" W	
KC8005	120.00 L	61+96.78	THOMSON BYPASS

ARC LENGTH = 121.416
CHORD BEAR = N 20°12'08.8" E
LNTH CHORD = 121.411
RADIUS = 3939.715
DEGREE = 1° 27' 15"

KC8006	120.00 L	63+14.49	THOMSON BYPASS
	238.73	S 79°40'19.5" E	
KC8009	114.27 R	63+60.43	THOMSON BYPASS
	124.82	S 13°49'03.0" W	
SVX07971	129.48 R	62+32.45	THOMSON BYPASS

REQD R/W = 30029.61 SF
REQD R/W = 0.689 ACRES
SEE TRACT 2 FOR SUMMARY

PARCEL 24, TRACT 2 REQ'D R/W KC5209

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
SVX07968	49.58 R	17+64.46	CR 296 CONN
	125.00	N 30°13'47.2" E	
SVX07966	51.95 R	18+89.44	CR 296 CONN
	13.79	S 79°40'20.1" E	
KC5227	65.00 R	18+93.88	CR 296 CONN
	124.51	S 29°08'42.4" W	
KC8013	65.00 R	17+69.37	CR 296 CONN
	16.18	N 78°32'22.7" W	
SVX07968	49.58 R	17+64.46	CR 296 CONN

REQD R/W = 1770.15 SF
REQD R/W = 0.041 ACRES
TOTAL REQD R/W = 31799.76 SF (TRACT 1+ 2)
TOTAL REQD R/W = 0.730 ACRES (TRACT 1+ 2)
RL = +/- 0.00 ACRES
RR = +/- 0.00 ACRES

PARCEL REMNANT 24-R1 REQ'D R/W KC5532

PNT	*OFFSET/ DIST*	*STATION/ BEARING*	*ALIGNMENT*
KC8013	*65.00 R*	*17+69.37*	*CR 296 CONN*
	124.51	*N 29°08'42.4" E*	
KC5227	*65.00 R*	*18+93.88*	*CR 296 CONN*
	69.73	*S 79°40'19.0" E*	
KC8006	*131.01 R*	*19+16.38*	*CR 296 CONN*
	121.41	*S 20°12'08.8" W*	
KC8005	*149.88 R*	*17+96.44*	*CR 296 CONN*
	89.09	*N 78°32'28.1" W*	
KC8013	*65.00 R*	*17+69.37*	*CR 296 CONN*

REQD R/W = 9454.45 SF
REQD R/W = 0.217 ACRES
SEE REMNANT PARCEL 24-R2 FOR SUMMARY

PARCEL REMNANT 24-R2 REQ'D R/W KC6398

PNT	*OFFSET/ DIST*	*STATION/ BEARING*	*ALIGNMENT*
SVX07971	*129.48 R*	*62+32.45*	*THOMSON BYPASS*
	124.82	*N 13°49'03.0" E*	
KC8009	*114.27 R*	*63+60.43*	*THOMSON BYPASS*
	37.37	*S 79°40'23.1" E*	
SVX07965	*150.89 R*	*63+68.15*	*THOMSON BYPASS*
	132.45	*S 30°10'29.8" W*	
SVX07971	*129.48 R*	*62+32.45*	*THOMSON BYPASS*

REQD R/W = 11782.50 SF (PARCELS 24-R1 + 24-R2)
REQD R/W = 0.270 ACRES (PARCELS 24-R1 + 24-R2)
REMAINDER = +/- 0.00 ACRES

W.R. TOOLE ENGINEERS, INC.
349 GREENE STREET
AUGUSTA, GA. 30901
(706) 722-4114

DATE	REVISIONS	DATE	REVISIONS
10-10-05	ADD REMNANT PAR 19; REM SED		
"	BASIN PAR 19; REV REMAINDER PAR 19		
01-20-06	REV R/W DESC PAR 21; REV REMAINDER		
"	PAR 24; DEL DRWY & SED BASIN ESMT		
"	DESC'S PAR 24; ADD R/W DESC PAR'S		
"	24-R1 & 24-R2		

GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT: EDS-545(3)
COUNTY: McDUFFIE
DATE: 12/23/03 SH 53 OF 67