PARCEL 12A, TRACT 1 REQ'D R/W KC6056

| PNT | OFFSET/ DIST | STATION/ BEARING | ALIGNMENT |
|---|---|---|---|
| KC2828 | 97.58 R | 64+77.52 | THOMSON BYPASS |
| | 117.90 | S 13°49'02.9" W | |
| KC8009 | 114.27 R | 63+60.43 | THOMSON BYPASS |
| | 238.73 | N 79°40'19.5" W | |
| KC8006 | 120.00 L | 63+14.49 | THOMSON BYPASS |

ARC LENGTH = 60.631
CHORD BEAR = N 21°31'35.5" E
LNTH CHORD = 60.630
RADIUS = 3939.715
DEGREE = 1° 27' 15"

| | | | |
|---|---|---|---|
| KC8007 | 120.00 L | 63+73.28 | THOMSON BYPASS |
| | 59.30 | N 21°58'01.3" E | |
| KC8008 | 120.00 L | 64+32.58 | THOMSON BYPASS |
| | 222.17 | S 79°42'10.8" E | |
| KC2828 | 97.58 R | 64+77.52 | THOMSON BYPASS |

REQD R/W = 27123.10 SF
REQD R/W = 0.623 ACRES
SEE TRACT 2 FOR SUMMARY

PARCEL 12A, TRACT 2 REQ'D R/W KC5210

| PNT | OFFSET/ DIST | STATION/ BEARING | ALIGNMENT |
|---|---|---|---|
| SVX07966 | 51.95 R | 18+89.44 | CR 296 CONN |
| | 124.99 | N 30°13'47.2" E | |
| SVX07873 | 54.31 R | 20+14.40 | CR 296 CONN |
| | 11.29 | S 79°42'22.3" E | |
| KC5228 | 65.00 R | 20+18.05 | CR 296 CONN |
| | 124.17 | S 29°08'42.7" W | |
| KC5227 | 65.00 R | 18+93.88 | CR 296 CONN |
| | 13.79 | N 79°40'20.1" W | |
| SVX07966 | 51.95 R | 18+89.44 | CR 296 CONN |

REQD R/W = 1473.66 SF
REQD R/W = 0.034 ACRES
TOTAL REQD R/W = 28596.76 SF (TRACT 1+ 2 + REM 1+2)
TOTAL REQD R/W = 0.656 ACRES (TRACT 1+ 2 + REM 1+2)

Remainder = +/- 0.0 ACRES

PARCEL 12A REMNANT 2 REQ'D R/W KC5213

| PNT | OFFSET/ DIST | STATION/ BEARING | ALIGNMENT |
|---|---|---|---|
| KC5227 | 65.00 R | 18+93.88 | CR 296 CONN |
| | 124.17 | N 29°08'43" E | |
| KC5228 | 65.00 R | 20+18.05 | CR 296 CONN |
| | 53.42 | S 79°42'06" E | |
| KC8008 | 115.56 R | 20+35.31 | CR 296 CONN |
| | 59.30 | S 21°58'01" W | |
| KC8007 | 122.97 R | 19+76.47 | CR 296 CONN |
| | 60.63 | S 21°31'36" W | |
| KC8006 | 131.01 R | 19+16.38 | CR 296 CONN |
| | 69.73 | N 79°40'19" W | |
| KC5227 | 65.00 R | 18+93.88 | CR 296 CONN |

REQD R/W = 7223.77 SF
REQD R/W = 0.166 ACRES
SEE TRACT 2 FOR SUMMARY

PARCEL 12A REMNANT 1 REQ'D R/W KC6057

| PNT | OFFSET/ DIST | STATION/ BEARING | ALIGNMENT |
|---|---|---|---|
| KC8009 | 114.27 R | 63+60.43 | THOMSON BYPASS |
| | 117.90 | N 13°49'03" E | |
| KC2828 | 97.58 R | 64+77.52 | THOMSON BYPASS |
| | 50.77 | S 79°42'10" E | |
| SVX09383 | 147.30 R | 64+87.79 | THOMSON BYPASS |
| | 66.91 | S 12°08'15" W | |
| SVX09382 | 158.72 R | 64+21.87 | THOMSON BYPASS |
| | 54.08 | S 30°17'21" W | |
| SVX07965 | 150.89 R | 63+68.15 | THOMSON BYPASS |
| | 37.37 | N 79°40'23" W | |
| KC8009 | 114.27 R | 63+60.43 | THOMSON BYPASS |

REQD R/W = 5750.43 SF
REQD R/W = 0.132 ACRES
SEE TRACT 2 FOR SUMMARY

PARCEL 13, TRACT 1 REQ'D R/W KC6031

| PNT | OFFSET/ DIST | STATION/ BEARING | ALIGNMENT |
|---|---|---|---|
| SVX08038 | 105.37 R | 46+41.25 | THOMSON BYPASS |
| | 465.54 | S 8°12'00.5" E | |
| SVX08037 | 161.42 R | 41+79.09 | THOMSON BYPASS |
| | 284.37 | S 8°16'23.9" E | |
| SVX08055 | 200.97 R | 39+12.35 | THOMSON BYPASS |
| | 360.89 | S 75°46'40.1" W | |
| KC6031 | 138.90 L | 37+92.71 | THOMSON BYPASS |

ARC LENGTH = 209.836
CHORD BEAR = N 5°34'02.9" E
LNTH CHORD = 209.651
RADIUS = 1440.000
DEGREE = 3° 58' 43"

| | | | |
|---|---|---|---|
| KC6032 | 130.69 L | 40+24.19 | THOMSON BYPASS |
| | 767.47 | N 0°20'50.5" W | |
| KC2687 | 118.13 L | 47+91.55 | THOMSON BYPASS |
| | 269.35 | S 57°21'53.1" E | |
| SVX08038 | 105.37 R | 46+41.25 | THOMSON BYPASS |

REQD R/W = 237510.59 SF
REQD R/W = 5.452 ACRES
SEE TRACT 2 FOR SUMMARY

PARCEL 13, TRACT 2 REQ'D R/W KC6032

| PNT | OFFSET/ DIST | STATION/ BEARING | ALIGNMENT |
|---|---|---|---|
| KC2689 | 74.54 R | 9+14.11 | CR 296 |
| | 24.70 | N 57°25'13.2" W | |
| SVX08050 | 49.84 R | 9+13.99 | CR 296 |
| | 124.91 | N 31°46'22.3" E | |
| SVX08003 | 47.45 R | 10+38.88 | CR 296 |
| | 24.70 | S 57°17'21.3" E | |
| KC2692 | 72.14 R | 10+38.95 | CR 296 |
| | 124.85 | S 31°46'22.3" W | |
| KC2689 | 74.54 R | 9+14.11 | CR 296 |

REQD R/W = 3083.89 SF
REQD R/W = 0.071 ACRES
TOTAL REQD R/W = 240594.48 SF (TRACT 1+ 2)
TOTAL REQD R/W = 5.523 ACRES (TRACT 1+ 2)
REMAINING = +/- 19 ACRES
DRIVEWAYS = 1

PARCEL 13 REQ'D DRWY. EASM'T. KC5512

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| KC13088 | 78.39 R | 9+74.00 | CR 296 |
| KC13089 | 77.74 R | 10+08.00 | CR 296 |
| KC5548 | 83.00 R | 10+08.00 | CR 296 |
| KC5549 | 83.00 R | 9+74.00 | CR 296 |
| KC13088 | 78.39 R | 9+74.00 | CR 296 |

PARCEL 13 REQ'D TEMP. FENCE EASM'T. KC6721

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| KC8079 | 143.96 L | 37+90.41 | THOMSON BYPASS |

ARC LENGTH = 211.331
CHORD BEAR = N 5°36'43.0" E
LNTH CHORD = 211.140
RADIUS = 1435.000
DEGREE = 3° 59' 33"

| | | | |
|---|---|---|---|
| KC8080 | 135.69 L | 40+24.42 | THOMSON BYPASS |
| KC8081 | 123.07 L | 47+94.88 | THOMSON BYPASS |
| KC2687 | 118.13 L | 47+91.55 | THOMSON BYPASS |
| KC6032 | 130.69 L | 40+24.19 | THOMSON BYPASS |

ARC LENGTH = 209.836
CHORD BEAR = S 5°34'02.9" W
LNTH CHORD = 209.651
RADIUS = 1440.000
DEGREE = 3° 58' 43"

| | | | |
|---|---|---|---|
| KC6031 | 138.90 L | 37+92.71 | THOMSON BYPASS |
| KC8079 | 143.96 L | 37+90.41 | THOMSON BYPASS |

REQD EASMT AREA = 4896.04 SF

PARCEL 13 REQ'D TEMP. FENCE EASM'T. KC6727

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| KC2689 | 74.54 R | 9+14.11 | CR 296 |
| KC2692 | 72.14 R | 10+38.95 | CR 296 |
| KC13087 | 77.14 R | 10+38.96 | CR 296 |
| KC13086 | 79.54 R | 9+14.14 | CR 296 |
| KC2689 | 74.54 R | 9+14.11 | CR 296 |

REQD EASMT AREA = 624.17 SF

PARCEL 14, TRACT 1 REQ'D R/W KC6042

| PNT | OFFSET/ DIST | STATION/ BEARING | ALIGNMENT |
|---|---|---|---|
| KC2687 | 118.13 L | 47+91.55 | THOMSON BYPASS |

ARC LENGTH = 544.280
CHORD BEAR = N 2°32'44.5" E
LNTH CHORD = 544.166
RADIUS = 7676.615
DEGREE = 0° 44' 46"

| | | | |
|---|---|---|---|
| KC6034 | 115.15 L | 53+20.95 | THOMSON BYPASS |
| | 165.01 | N 5°11'33.6" E | |
| SVX07985 | 121.45 L | 54+80.89 | THOMSON BYPASS |
| | 149.93 | N 29°06'17.5" E | |
| SVX07984 | 71.42 L | 56+18.76 | THOMSON BYPASS |
| | 140.71 | N 60°44'14.8" W | |
| KC8001 | 60.00 L | 18+07.88 | CR 296 |
| | 133.62 | N 51°32'27.1" E | |
| KC8002 | 120.00 L | 57+60.27 | THOMSON BYPASS |

ARC LENGTH = 100.817
CHORD BEAR = N 13°30'17.8" E
LNTH CHORD = 100.814
RADIUS = 3939.715
DEGREE = 1° 27' 15"

| | | | |
|---|---|---|---|
| KC8003 | 120.00 L | 58+58.02 | THOMSON BYPASS |
| | 137.24 | S 70°48'16.6" E | |
| SVX07981 | 16.71 R | 58+46.11 | THOMSON BYPASS |
| | 245.29 | N 33°31'55.3" E | |
| SVX07976 | 91.30 R | 60+83.18 | THOMSON BYPASS |
| | 62.17 | N 33°29'19.2" E | |
| KC2818 | 107.82 R | 61+44.72 | THOMSON BYPASS |

ARC LENGTH = 178.391
CHORD BEAR = S 16°38'35.6" W
LNTH CHORD = 178.373
RADIUS = 3656.145
DEGREE = 1° 34' 1"

| | | | |
|---|---|---|---|
| KC6037 | 109.43 R | 59+61.12 | THOMSON BYPASS |
| | 29.91 | S 75°08'46.9" E | |
| KC2761 | 139.35 R | 59+61.62 | THOMSON BYPASS |
| | 50.00 | S 14°51'13.1" W | |
| KC2762 | 139.82 R | 59+09.73 | THOMSON BYPASS |
| | 29.91 | N 75°08'46.9" W | |
| KC6036 | 109.91 R | 59+09.64 | THOMSON BYPASS |

ARC LENGTH = 1053.686
CHORD BEAR = S 6°12'20.4" W
LNTH CHORD = 1050.043
RADIUS = 3656.145
DEGREE = 1° 34' 1"

| | | | |
|---|---|---|---|
| KC6035 | 122.09 R | 48+23.12 | THOMSON BYPASS |
| | 464.96 | S 3°27'04.7" E | |
| KC2763 | 139.67 R | 43+58.49 | THOMSON BYPASS |
| | 284.82 | N 8°12'00.5" W | |
| SVX08038 | 105.37 R | 46+41.25 | THOMSON BYPASS |
| | 269.35 | N 57°21'53.1" W | |
| KC2687 | 118.13 L | 47+91.55 | THOMSON BYPASS |

REQD R/W = 285687.41 SF
REQD R/W = 6.558 ACRES
SEE TRACT 2 FOR SUMMARY

PARCEL 14, TRACT 2 REQ'D R/W KC6700

| PNT | OFFSET/ DIST | STATION/ BEARING | ALIGNMENT |
|---|---|---|---|
| SVX07983 | 50.44 R | 12+31.08 | CR 296 CONN |
| | 189.76 | N 28°55'35.7" E | |
| SVX07978 | 50.49 R | 14+24.70 | CR 296 CONN |
| | 14.73 | S 70°48'15.5" E | |
| KC8011 | 65.00 R | 14+27.25 | CR 296 CONN |
| | 192.34 | S 29°08'42.6" W | |
| KC8010 | 64.18 R | 12+29.73 | CR 296 CONN |
| | 13.79 | N 60°44'13.8" W | |
| SVX07983 | 50.44 R | 12+31.08 | CR 296 CONN |

REQD R/W = 2703.23 SF
REQD R/W = 0.062 ACRES
TOTAL REQD R/W = 288390.64 SF (TRACT 1+ 2)
TOTAL REQD R/W = 6.621 ACRES (TRACT 1+ 2)
RL 1 = +/- 0.792 ACRES
RL 2 = +/- 2.192 ACRES
RR = +/- 57 ACRES

PARCEL 14 REQ'D SEDIMENT BASIN EASM'T. KC6292

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| KC4528 | 181.37 R | 62+20.10 | THOMSON BYPASS |
| KC7515 | 126.01 R | 62+17.80 | THOMSON BYPASS |
| SVX07971 | 129.48 R | 62+32.45 | THOMSON BYPASS |
| KC4529 | 154.14 R | 63+90.52 | THOMSON BYPASS |
| KC4530 | 173.92 R | 63+92.11 | THOMSON BYPASS |
| KC4528 | 181.37 R | 62+20.10 | THOMSON BYPASS |

REQD EASMT AREA = 6143.12 SF

PARCEL 14 REQ'D SEDIMENT BASIN EASM'T. KC6293

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| KC4532 | 185.03 R | 55+74.56 | THOMSON BYPASS |
| KC7006 | 113.27 R | 55+72.29 | THOMSON BYPASS |

ARC LENGTH = 120.081
CHORD BEAR = N 10°16'12.5" E
LNTH CHORD = 120.076
RADIUS = 3656.144
DEGREE = 1° 34' 1"

| | | | |
|---|---|---|---|
| KC7007 | 111.99 R | 56+96.02 | THOMSON BYPASS |
| KC4533 | 183.22 R | 57+00.70 | THOMSON BYPASS |
| KC4532 | 185.03 R | 55+74.56 | THOMSON BYPASS |

REQD EASMT AREA = 8629.68 SF

PARCEL 14 REQ'D DRAINAGE EASM'T. KC6294

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| KC4535 | 439.82 R | 59+10.67 | THOMSON BYPASS |
| KC2762 | 139.82 R | 59+09.73 | THOMSON BYPASS |
| KC2761 | 139.35 R | 59+61.62 | THOMSON BYPASS |
| KC4538 | 439.30 R | 59+67.17 | THOMSON BYPASS |
| KC4535 | 439.82 R | 59+10.67 | THOMSON BYPASS |

REQD EASMT AREA = 15000.00 SF

PARCEL 14 REQ'D SEDIMENT BASIN EASM'T. KC6402

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| SVX07985 | 121.45 L | 54+80.89 | THOMSON BYPASS |
| KC7523 | 115.98 L | 53+57.66 | THOMSON BYPASS |
| KC7522 | 168.86 L | 53+65.73 | THOMSON BYPASS |
| SVX07985 | 121.45 L | 54+80.89 | THOMSON BYPASS |

REQD EASMT AREA = 3346.33 SF

PARCEL 15 REQ'D R/W KC6044

| PNT | OFFSET/ DIST | STATION/ BEARING | ALIGNMENT |
|---|---|---|---|
| KC2692 | 72.14 R | 10+38.95 | CR 296 |
| | 24.70 | N 57°17'21.3" W | |
| SVX08003 | 47.45 R | 10+38.88 | CR 296 |
| | 150.23 | N 30°10'11.4" E | |
| SVX07998 | 40.36 R | 11+88.94 | CR 296 |
| | 25.10 | S 60°44'12.9" E | |
| KC2774 | 65.42 R | 11+90.52 | CR 296 |
| | 151.72 | S 30°19'53.0" W | |
| KC2692 | 72.14 R | 10+38.95 | CR 296 |

REQD R/W = 3757.34 SF
REQD R/W = 0.086 ACRES
REMAINDER = +/- 0.91 ACRES
DRIVEWAYS = 1

PARCEL 15 REQ'D DRWY. EASM'T. KC6305

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| KC4593 | 70.68 R | 10+72.01 | CR 296 |
| KC4594 | 69.26 R | 11+03.97 | CR 296 |
| KC4595 | 84.24 R | 11+04.64 | CR 296 |
| KC4596 | 85.66 R | 10+72.68 | CR 296 |
| KC4593 | 70.68 R | 10+72.01 | CR 296 |

PARCEL 16A REQ'D R/W KC5220

| PNT | OFFSET/ DIST | STATION/ BEARING | ALIGNMENT |
|---|---|---|---|
| SVX07945 | 35.16 L | 45+33.99 | CR 296 CONN |
| | 29.98 | N 63°35'22.0" W | |
| KC5250 | 65.00 L | 45+36.91 | CR 296 CONN |
| | 97.20 | N 25°50'30.8" E | |
| KC4881 | 56.50 L | 46+33.73 | CR 296 CONN |
| | 27.80 | S 38°33'44.6" E | |
| SVX07948 | 32.58 L | 46+19.58 | CR 296 CONN |
| | 85.63 | S 22°33'17.3" W | |
| SVX07945 | 35.16 L | 45+33.99 | CR 296 CONN |

REQD R/W = 2499.00 SF
REQD R/W = 0.057 ACRES
REMAINDER = +/- 0.59 ACRES
DRIVEWAYS = 2

PARCEL 16A REQ'D DRWY. EASM'T. KC5521

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| KC5584 | 59.90 L | 45+95.00 | CR 296 CONN |
| KC5585 | 62.98 L | 45+60.00 | CR 296 CONN |
| KC5586 | 75.00 L | 45+60.00 | CR 296 CONN |
| KC5587 | 75.00 L | 45+95.00 | CR 296 CONN |
| KC5584 | 59.90 L | 45+95.00 | CR 296 CONN |

PARCEL 16A REQ'D DRWY. EASM'T. KC6363

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| KC4879 | 40.00 R | 17+10.38 | CR 148 |
| KC4880 | 50.00 R | 17+10.38 | CR 148 |
| KC4884 | 89.46 R | 17+03.17 | CR 148 |
| KC4885 | 85.84 R | 16+73.39 | CR 148 |
| KC8027 | 40.68 R | 16+66.90 | CR 148 |
| KC4879 | 40.00 R | 17+10.38 | CR 148 |

PARCEL 16A REQ'D SLOPE EASM'T. KC6706

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| SVX07951 | 42.25 R | 15+66.80 | CR 148 |
| KC8027 | 40.68 R | 16+66.90 | CR 148 |
| KC4886 | 68.00 R | 16+70.83 | CR 148 |
| KC4877 | 64.42 R | 15+79.94 | CR 148 |
| SVX07951 | 42.25 R | 15+66.80 | CR 148 |

REQD EASMT AREA = 2354.66 SF

PARCEL 16A REQ'D SLOPE EASM'T. KC6707

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| KC4881 | 50.25 R | 17+76.70 | CR 148 |
| KC4882 | 59.66 R | 17+81.16 | CR 148 |
| KC4883 | 64.00 R | 17+07.82 | CR 148 |
| KC4880 | 50.00 R | 17+10.38 | CR 148 |
| KC4881 | 50.25 R | 17+76.70 | CR 148 |

REQD EASMT AREA = 819.33 SF

PARCEL 14 REQ'D DRWY. EASM'T. CE14

| PNT | OFFSET | STATION | ALIGNMENT |
|---|---|---|---|
| KC13083 | 113.80 R | 55+22.29 | THOMSON BYPASS |

ARC LENGTH = 48.520
CHORD BEAR = N 8°56'57.2" E
LNTH CHORD = 48.520
RADIUS = 3656.145
DEGREE = 1° 34' 1"

| | | | |
|---|---|---|---|
| KC7006 | 113.27 R | 55+72.29 | THOMSON BYPASS |
| KC13084 | 133.26 R | 55+72.92 | THOMSON BYPASS |

ARC LENGTH = 48.520
CHORD BEAR = S 8°56'57.2" W
LNTH CHORD = 48.520
RADIUS = 3636.144
DEGREE = 1° 34' 32"

| | | | |
|---|---|---|---|
| KC13085 | 133.80 R | 55+22.64 | THOMSON BYPASS |
| KC13083 | 113.80 R | 55+22.29 | THOMSON BYPASS |


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| DATE | REVISIONS | DATE | REVISIONS |
|---|---|---|---|
| 10-10-05 | ADDED R/W DESC PARI2A REMNANT | 3-16-06 | REV R/W REMAINDER PAR 14 |
| " | 18.2; REM SED BASIN & DRWY ESM'TS | | |
| " | PAR 12A | | |
| 12-22-05 | ADDED FENCE ESMT DESC PAR 13; | | |
| " | ADDED ESMT PAR 14 | | |
| 2-06-06 | REV DRWY ESMT DESC PAR 13; ADD | | |
| " | FENCE ESMT DESC PAR 13 | | |

GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT: EDS-545(3)
COUNTY: McDUFFIE
DATE: 12/23/03 SH 52 OF 67