# DESIGN PUBLIC HEARING MAP

S.T.I.P. NOS. R-2721, R-2828, R-2829
STATE PROJECT NOS. 6.401078, 6.401079, 6.401080
FEDERAL AID PROJECT NOS.
STP-540(19), STP-540(20), STP-540(21)
WBS NOS. 37673.1.TA2, 35516.1.TA2, 35517.A.TA1

## WAKE & JOHNSTON COUNTIES

COMPLETE 540
TRIANGLE EXPRESSWAY SOUTHEAST EXTENSION
NC 55 BYPASS TO US 64 /264 BYPASS /I-495
MAP 9 OF 9

NORTH CAROLINA Turnpike Authority

## LEGEND

| | |
|---|---|
| 🟫 | BUILDING |
| 🟩 | EXISTING RIGHT OF WAY |
| 🟩 | PROPOSED RIGHT OF WAY |
| ▨ | PROPOSED EASEMENT (DRAINAGE, CONSTRUCTION, OR UTILITY) |
| ⬜ | EXISTING ROADWAY |
| ▨ | EXISTING ROADWAY TO BE REMOVED |
| 🟧 | EXISTING ROADWAY TO BE RESURFACED |
| 🟨 | PROPOSED ROADWAY |
| 🟫 | TEMPORARY DETOUR |
| ▨ | FUTURE ROADWAY |
| 🟥 | PROPOSED STRUCTURE, ISLAND OR CURB AND GUTTER |
| ▨ | EXISTING STRUCTURE, ISLAND OR CURB AND GUTTER TO BE RETAINED |
| ▨ | EXISTING STRUCTURE, ISLAND OR CURB AND GUTTER TO BE REMOVED |
| ▨ | FUTURE STRUCTURE, ISLAND OR CURB AND GUTTER |
| 🟦 | LAKE, RIVER, STREAM OR POND |
| 🟪 | RAILROAD RIGHT OF WAY |
| 🟪 | EXISTING UTILITY EASEMENT |
| ▨ | CEMETERY |
| -Ⓒ- | PROPOSED CONTROL OF ACCESS |
| -Ⓒ- | EXISTING CONTROL OF ACCESS |
| 0000 / 0000 | PRESENT ADT / FUTURE ADT |
| — — | PROPERTY LINES |
| ▨ | POTENTIAL NOISE ABATEMENT AREA |
| 🚦 | EXISTING TRAFFIC SIGNAL |
| 🚦 | PROPOSED TRAFFIC SIGNAL |
| ‖ | PROPOSED TOLL GANTRY |
| HPB | HISTORIC PROPERTY BOUNDARY |
| WLB | WETLAND LIMIT BOUNDARY |
| - - - | FUTURE GREENWAY (TO BE CONSTRUCTED BY OTHERS) |
| — | EXISTING GREENWAY |

### POTENTIAL NOISE ABATEMENT AREA

THE LABELED AREAS INDICATE NOISE-SENSITIVE LOCATIONS FOR WHICH POTENTIAL NOISE BARRIERS HAVE BEEN IDENTIFIED. MORE DETAILED ANALYSES WILL OCCUR DURING FINAL PROJECT DESIGN TO DETERMINE WHETHER THESE POTENTIAL BARRIER LOCATIONS MEET THE REASONABLE AND FEASIBLE CRITERIA WITHIN THE NCDOT TRAFFIC NOISE POLICY. IF THESE CRITERIA ARE MET, BARRIER CONSTRUCTION WILL OCCUR PENDING PUBLIC APPROVAL.

NOTE:
FULL CONTROL OF ACCESS IS DEFINED AS A CONNECTION TO A FACILITY PROVIDED ONLY VIA RAMPS AT INTERCHANGES. ALL CROSS-STREETS ARE GRADE SEPARATED. NO PRIVATE DRIVEWAY CONNECTIONS ARE ALLOWED.

### DESIGN DATA

FUNCTIONAL CLASSIFICATION = FREEWAY
DESIGN SPEED = 75 MPH
MAX. SUPERELEVATION = 0.08

ORTHOPHOTO DATA:
Flight Mission = M-7967
Flight Date = 03-07-16

**PRELIMINARY PLANS**
DO NOT USE FOR CONSTRUCTION

200' 0' 200' 400'
SCALE: 1" = 200'

| | |
|---|---|
| 5 | CARTNER, JEREMY R CARTNER, ANDREA M |
| 6 | CORBETT, CATHERINE BARBER BEAVERS, EVRIS |
| 7 | WOODRUFF, TROY WOODRUFF, LORI |
| 8 | MECKLEY, RICHARD D MECKLEY, MELANIE G |
| 9 | TIPPETT, KERRY JAY TIPPETT, CYNDI M |
| 10 | WOODLIEF, GARY L WOODLIEF, ROBIN C |
| 11 | ANDERSON, MARIA P |
| 14 | WILBER, SUSAN A WILBER, STEVEN D |
| 16 | MILLER, LINDA B |
| 19 | BATEMAN, ROY B SR BATEMAN, SHIRLEY A |
| 24 | VINES, BEVERLY I |
| 27 | LOPES, BRET EVANS |
| 30 | MATTHEWS, KARAN P |
| 34 | GRAY, BETTY H |
| 39 | BRANCH, WAYNE POWERS-BRANCH, ANITA |
| 44 | WOODARD, PAMELA R |
| 48 | DRUM, MARY L |
| 53 | RAMM, WANDA GRACE JONES |
| 61 | LEE, JUNG LEE, ELIZABETH |
| 62 | PEEDIN, DAVID S PEEDIN, CHRISTINE B |
| 63 | TALLEY, DEANNE JOHNSON TALLEY, RICHARD THOMAS |
| 64 | LEWIS-COOKE, ADESSA B |
| 65 | CHAUVAUX, MARY RUTH |
| 66 | STAMBAUGH, WILLIAM A STAMBAUGH, KAREN S |
| 67 | WOOD, BRIAN L WOOD, LANETTE M |
| 68 | SHAW, JAMES MICHAEL II |
| 69 | ALLEN, BARTLETT M II ALLEN, JANA E |
| 70 | AYERS, WILLIAM N AYERS, SANDRA P |
| 71 | HARRIS, JESSE R JR |
| 72 | HASNAIN, SAIYID HASNAIN, ABIDABANO |
| 73 | MASSEY, MARVIN W JR MASSEY, MARY F |
| 74 | CARMON, ALTON R CARMON, IRIS Y |
| 75 | CREAMER, ERIC T CREAMER, FRANCES J |
| 76 | ROLING, MARK ROLING, ADELA |
| 77 | MADEY, SCOTT W MADEY, ERIN F |
| 78 | PARKER, SYLVIA JEAN |
| 79 | DENTON, CHRISTOPHER W PARISI, ANNA VICTORIA |
| 80 | GEORGE, JAMES W GEORGE, GLORIA H |
| 81 | SAUNDERS DEVELOPMENT COMPANY LLC |
| 82 | GREEN, JEANETTE S |
| 83 | THERIAULT, DAVID M DENTON, JULIE M |
| 84 | MONDOK, DAVID P MONDOK, BRENDA |
| 85 | UHLAND, JOSHUA A UHLAND, HEATHER M |
| 86 | LEWIS, PRISCILLA M |
| 87 | KARANU, TABITHA |
| 88 | GALLAGHER, MARTIN JOHN GALLAGHER, JENNELL C |
| 89 | HOLT, MICKEY B HOLT, ERIN K |

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|---|---|
| 90 | KHALID, LHOUCINE |
| 91 | COOK, SHARON TERRY |
| 92 | SANDERS, JAMES M SANDERS, JACQULYNN M |
| 93 | MCDOE, CHARLENE C |
| 94 | HATT, ANDREW HATT, BREA |
| 95 | JONES, GLORIA O |
| 96 | ROULHAC, COURTNEE A ROULHAC, DEMOND C |
| 97 | GRINNELL, DAVID L GRINNELL, MAREE L |
| 98 | HUNT, CHARLES B HEIRS |
| 99 | DORSEY, DARREN S DORSEY, KAREN N |
| 100 | UZOCHUKWU, ALEX N UZOCHUKWU, CHARITY O |
| 101 | MONETTE, CHEQUITA |
| 102 | KINYANJUI, ELIUD MBURU, PENINAH |
| 103 | BROOKS, MELANIE A BROOKS, SAMMY |
| 104 | ROSEHART, CHRISTOPHER T |
| 105 | TAW, SHILAR |
| 106 | MYERS, ERIC W. MYERS, DIANE M. |
| 107 | CHURCHILL COMMUNITY ASSN INC |
| 108 | COURMAN, RITA I |
| 109 | TIN, MAUNG KYI DAW, MAH TAH |
| 110 | CHILDERS, JOHN R CHILDERS, HEATHER M |
| 111 | HTOO, KAW EH, HSER |
| 112 | GAY, THA MOO, THA |
| 113 | WILLIAMS, SHEA L. WAITE, COLLIN |
| 114 | KSOR, IEM |
| 115 | THEDFORD, VERONICA |
| 116 | ABDELMAGIED, HAMDI M |
| 117 | WALKER, ANA SOFIA WALKER, AARON W |
| 118 | APPLE, BYRON A. |
| 119 | STEELMAN, GRETCHEN J STEELMAN, JEFFREY C |
| 120 | CHAUHAN, YOGESH K CHAUHAN, KUNJAM |
| 121 | ONEAL, ZELTINA D |
| 122 | WINBORNE, JASON B. WINBORNE, DIMEIA J. |
| 123 | PAIVA, COLEMAN Y PAIVA, EMILIE D |
| 124 | HLA, PAW |
| 125 | PARKS, ASHLEY RYAN |
| 126 | FOREMAN, WILLIE E FOREMAN, ALICE H |
| 127 | GOODWIN, MICHELLE LYNNE |
| 128 | YOUNG, MARLENA C YOUNG, NIKITA LAVAR |
| 129 | DURAN, ROBERT B DURAN, JENNIFER W |
| 130 | THOMAS, BELINDA F THOMAS, WILLIE P JR |
| 131 | CLARKSON, CORTINA |
| 132 | THOMAS, WILLIE JAMES III THOMAS, KRISTINA ANN |
| 133 | LOPEZ, MARIA MARGARITA ESPINOSA WASHINGTON, DERIC ANTHONY |
| 134 | SHAW, JETAME DALEY, CONNELL |
| 135 | BROWN, NAKITA T |
| 136 | AMO, ASHLEY C AMO, BRANDON |
| 137 | PICKETT, PHILEMON LAMONT |
| 138 | MCCARGO, TINA M TANT, JIMMY R |
| 139 | ROGHELIA, DANIEL B ROGHELIA, ELISE |
| 140 | ST MYER, GLENN P |
| 141 | MCKEE, RICHELE L |
| 142 | DATISME, REGINA W DATISME, ERNXO |
| 143 | TAYLOR, ANDREA B TAYLOR, BRYAN M |
| 144 | MALANYAON, ALDRICK CHEUNG, FLORENCE |
| 145 | BROWN, PAMELA BROWN, LLOYD |
| 146 | YARBOROUGH, MICHAEL L JR YARBOROUGH, LAWANDA J |
| 147 | NANCE, ALLAN NANCE, ASHLEY DANIELLE |
| 148 | MOE, KYAW SOE MON, PHYU PHYU |
| 149 | MIN, ZAW AYE, NAN AYE |
| 150 | DAVIS, BRANDON R |
| 151 | SOMMERVILLE, LAURA J PIETSCH, ALDON T |
| 152 | ALLARDICE, CHRISTOPHER M ALLARDICE, HEATHER L |
| 153 | ATKINSON, ASHLEIGH |
| 154 | STYLO, ALPHA MOO, SEL DA |
| 155 | AKINYEMI, FOLADOYIN MARY |
| 156 | JARAMILLO-SALCEDO, PAOLA AMEZQUITA-CARVAJAL, LUIS A |
| 157 | RODRIGUEZ, KARLO ANDRE |
| 158 | JOHNSON, HEATHER RINK JOHNSON, LANCE DANIEL |
| 159 | MCKINZIE, LAURA E |
| 160 | BELL, JEMICA |
| 161 | FORRINGER, WILLIAM G III |
| 162 | SPRINKLE, PATRICIA T JR |
| 163 | CDC DEVELOPMENT LLC |
| 164 | BYRD, HELEN J |
| 165 | SNIDER, DAVID E SNIDER, MYRA S |
| 166 | COX, KATHLEEN K |
| 167 | MATTHEWS, SAMMY L MATTHEWS, ELIZABETH M |
| 168 | CUNNINGHAM, THEODORE A |
| 169 | PARKER, CHARLES C SR |
| 170 | CEPPOS, JANET L |
| 171 | GOWER, RICHARD MELVIN GOWER, SANDRA C |
| 172 | SALMON, DAVID S SALMON, NANCY E |
| 173 | GOODIN, WILLENA R |
| 174 | DAURITY, JEROME WAYNE |
| 175 | JERNIGAN, DAVID E JERNIGAN, MARSHA K |
| 176 | AVENT, JEAN BELLE |
| 177 | FULLER, ALFRED LEE FULLER, LINDA B |
| 178 | HOLMES, AUBREY A HOLMES, KATHY L |
| 181 | WALL, DONALD WAYNE SR |
| 182 | WALL, DONALD WAYNE SR |
| 183 | WALL, DONALD WAYNE SR |
| 184 | WALL, DONALD WAYNE SR |
| 185 | NEWBERN, LLOYD R |
| 186 | WALL, CHAD DOUGLAS WALL, JESSICA STUBBS |
| 187 | WALL, BETTY P TRUSTEE POOLE, DEBRA W TRUSTEE |
| 188 | HALL, LINDA WALL TRUSTEE OF THE LINDA WALL HALL FAMILY TRUST |
| 189 | ROGERS, SHANNA M HOLLAND, JOSEPH D |
| 190 | CHURCHILL COMMUNITY ASSN INC |
| 192 | STRUCHEN, LILLIAN N TRUSTEE |
| 193 | STRUCHEN, LILLIAN N |
| 194 | WALL, CARL DOUGLAS SR WALL, VICKY |
| 195 | SOLANO, AMILCAR AQUILES MORA, VINCENTA |
| 196 | WOOLARD, GEORGE T WOOLARD, WANDA W |
| 197 | HONEYCUTT, LEIGH SMITH |
| 198 | WALL, DALE A WALL, ELIZABETH S |
| 199 | KEITH, DEBORA T KEITH, MILTON E |
| 200 | ALEMAN, JOSE JOEL ALEMAN, ALMA DELIA |
| 201 | TIMMAR PROPERTIES LLC |
| 202 | MARTIN, CHARLES E MARTIN, BARBARA |
| 203 | BLACK, RALPH WILLARD BLACK, ANITA H |
| 204 | NC DEPARTMENT OF TRANSPORTATION |
| 205 | NC DEPARTMENT OF TRANSPORTATION |
| 206 | MIRANDA, GERMAN BENERALDO |
| 207 | TART, HAROLD THURMOND |
| 208 | HERNANDEZ, ERNESTO HERNANDEZ, SILVIA |
| 209 | ENNIS, MICKEY R ENNIS, RHONDA M |
| 210 | ROSALES, SALVADOR PERU RAMIREZ, YOLANDA |
| 211 | TRIPP, MISTY MICHELLE |
| 212 | GONZALES, IGNACIO ALCARAZ, ALEJANDRA |
| 213 | VATER, MONICA WYNN |
| 214 | PERRY, NELLIE MARIE |
| 215 | MARSHALL, MARY REBECCA |
| 216 | SIMMONS, PATRICK H SIMMONS, JUDY W |
| 217 | BELL, CHRISTOPHER GUY |
| 218 | SMITH, WILLIAM D SMITH, RUTH K |
| 219 | SMITH, WILLIAM D SMITH, RUTH K |
| 220 | GONZALEZ, FRANCISCO N GONZALEZ, ARITINA BARCENAS |

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| 221 | RAY JOHNSON INVESTMENTS LLC |
| 222 | ANGELINA, FRANCISCO |
| 223 | NC DEPARTMENT OF TRANSPORTATION |
| 224 | ZIMMERMAN, SHAYNE PHILANA ZIMMERMAN, HELEN M |
| 225 | NC DEPARTMENT OF TRANSPORTATION |
| 226 | SMITH, ALISIA P POOLE, EDWARD JOSEPH |
| 227 | WHITFORD, JEFFREY T WHITFORD, SUZANNE P |
| 228 | FULLWOOD, ALPHONZA W FULLWOOD, MARLENE HARGROVE |
| 229 | SCRIVANI, ERNEST SCRIVANI, JUDITH |
| 230 | DOGWOOD OWNER LLC |
| 231 | DOGWOOD OWNER LLC |
| 232 | DOGWOOD OWNER LLC |
| 233 | BANKS, EUGENE BANKS, JANET |
| 234 | FLOYD, CHRISTINE B FLOYD, IRA GASTON |
| 235 | DIAZ, TANIA YANETH REINA |
| 236 | CAPPS, CHARLES S CAPPS, GWENDOLYN O |
| 1722 | NC DEPARTMENT OF TRANSPORTATION |
| 1723 | GOWER, JERRY L GOWER, JO ANN |
| 1724 | LILES, GERALD W LILES, JOYCE C |
| 1725 | KNIGHTDALE FDS LLC |
| 1726 | STAFFORD, LARRY STANFORD, VICKIE T |
| 1727 | WALTERS, WILLIE E WALTERS, MARY A |
| 1728 | WELCH, CONNIE F WELCH, ROLAND P |
| 1742 | BANKS, EUGENE BANKS, JANET P |
| 1801 | DOGWOOD OWNER LLC |
| 1802 | RIVERA, EDUARDO E CASTILLO, OLGA L ESCOBEDO |
| 1803 | MCCALE, WILLIAM MITCHELL |
| 1804 | MITCHELL, CHARLES WILLIAM |
| 1805 | FORD, ERNEST A JR FORD, BRENDA D |
| 1806 | GOWER, JERRY L GOWER, JO ANN W |
| 1807 | AQUA NORTH CAROLINA INC |
| 1808 | SANDERS DEVELOPMENT COMPANY LLC |
| 1809 | CASEY, WARREN M CASEY, ALISON |
| 1810 | AVERY, CHRISTOPHER T AVERY, ELIZABETH N |
| 1811 | GOWER, JOSEPH A GOWER, CAROLYN W |
| 1812 | NC DEPARTMENT OF TRANSPORTATION |
| 1813 | HARRIS, DORA MAE |
| 1853 | NAVARRO, ANABEL GONZALEZ |

-L-

| PIs STA 1423+87.96 | PI STA 1439+13.33 | PIs STA 1453+82.19 |
|---|---|---|
| $\theta s$ = 1° 47' 13.0" | $\Delta$ = 31° 25' 07.9" (RT) | $\theta s$ = 2° 02' 32.0" |
| Ls = 315.00' | D = 1° 08' 04.5" | Ls = 360.00' |
| LT = 210.01' | L = 2,769.23' | LT = 240.02' |
| ST = 105.01' | T = 1,420.39' | ST = 120.01' |
| | R = 5,050.00' | |
| | SE = 0.05 | |

-Y30-

| PI STA 11+26.31 | PI STA 20+70.21 | PI STA 28+50.37 | PI STA 48+11.08 |
|---|---|---|---|
| $\Delta$ = 17° 14' 40.4" (LT) | $\Delta$ = 31° 48' 11.0" (RT) | $\Delta$ = 6° 31' 09.7" (LT) | $\Delta$ = 2° 28' 33.9" (RT) |
| D = 6° 52' 41.7" | D = 4° 28' 34.4" | D = 1° 38' 47.1" | D = 0° 57' 17.7" |
| L = 250.71' | L = 710.49' | L = 395.97' | L = 259.29' |
| T = 126.31' | T = 364.65' | T = 198.20' | T = 129.67' |
| R = 833.00' | R = 1,280.00' | R = 3,480.00' | R = 6,000.00' |
| SE = 0.06 | SE = 0.06 | SE = 0.06 | SE = Existing |

-L-

| PIs STA 1459+42.24 | PI STA 1466+33.69 | PI STA 1489+96.57 | PIs STA 1508+46.95 | PIs STA 1547+10.34 | PI STA 1554+42.39 | PIs STA 1561+55.09 |
|---|---|---|---|---|---|---|
| $\theta s$ = 3° 23' 43.1" | $\Delta$ = 14° 57' 12.0" (LT) | $\Delta$ = 35° 29' 30.5" (LT) | $\theta s$ = 1° 57' 51.9" | $\theta s$ = 2° 57' 30.5" | $\Delta$ = 24° 33' 01.8" (RT) | $\theta s$ = 2° 57' 30.5" |
| Ls = 480.00' | D = 1° 24' 53.0" | D = 0° 59' 52.6" | Ls = 393.70' | Ls = 300.00' | D = 1° 58' 20.3" | Ls = 300.00' |
| LT = 320.06' | L = 1,056.99' | L = 3,556.54' | LT = 262.48' | LT = 200.03' | L = 1,244.75' | LT = 200.03' |
| ST = 160.05' | T = 531.51' | T = 1,837.40' | ST = 131.25' | ST = 100.03' | T = 632.08' | ST = 100.03' |
| | R = 4,050.00' | R = 5,741.46' | | | R = 2,905.00' | |
| | SE = 0.06 | SE = 0.04 | | | SE = EXIST | |

LEGEND

BUILDING
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED EASEMENT (DRAINAGE, CONSTRUCTION, OR UTILITY)
EXISTING ROADWAY
EXISTING ROADWAY TO BE REMOVED
EXISTING ROADWAY TO BE RESURFACED
PROPOSED ROADWAY
TEMPORARY DETOUR
FUTURE ROADWAY
PROPOSED STRUCTURE, ISLAND OR CURB AND GUTTER
EXISTING STRUCTURE, ISLAND OR CURB AND GUTTER TO BE RETAINED
EXISTING STRUCTURE, ISLAND OR CURB AND GUTTER TO BE REMOVED
FUTURE STRUCTURE, ISLAND OR CURB AND GUTTER
LAKE, RIVER, STREAM OR POND
RAILROAD RIGHT OF WAY
EXISTING UTILITY EASEMENT
CEMETERY
PROPOSED CONTROL OF ACCESS
EXISTING CONTROL OF ACCESS
PRESENT ADT
FUTURE ADT
PROPERTY LINES
POTENTIAL NOISE ABATEMENT AREA
EXISTING TRAFFIC SIGNAL
PROPOSED TRAFFIC SIGNAL
PROPOSED TOLL GANTRY
HISTORIC PROPERTY BOUNDARY
WETLAND LIMIT BOUNDARY
FUTURE GREENWAY (TO BE CONSTRUCTED BY OTHERS)
EXISTING GREENWAY

200' 0' 200' 400'
SCALE: 1" = 200'

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

NOTE:
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ORTHOPHOTO DATA:
Flight Mission = M-7967
Flight Date = 03-07-16

DESIGN DATA
FUNCTIONAL CLASSIFICATION = FREEWAY
DESIGN SPEED = 75 MPH
MAX. SUPERELEVATION = 0.08

NOISE STUDY AREA
THE LABELED AREAS INDICATE NOISE-SENSITIVE LOCATIONS FOR WHICH POTENTIAL NOISE BARRIERS HAVE BEEN IDENTIFIED. MORE DETAILED ANALYSES WILL OCCUR DURING FINAL PROJECT DESIGN TO DETERMINE WHETHER THESE POTENTIAL BARRIER LOCATIONS MEET THE REASONABLE AND FEASIBLE CRITERIA WITHIN THE NCDOT TRAFFIC NOISE POLICY. IF THESE CRITERIA ARE MET, BARRIER CONSTRUCTION WILL OCCUR PENDING PUBLIC APPROVAL.

DESIGN PUBLIC HEARING MAP
S.T.I.P. NOS. R-2721, R-2828, R-2829
STATE PROJECT NOS. 6.401078, 6.401079, 6.401080
FEDERAL AID PROJECT NOS.
STP-540(19), STP-540(20), STP-540(21)
WBS NOS. 37673.1.TA2, 35516.1.TA2, 35517.A.TA1
WAKE & JOHNSTON COUNTIES
COMPLETE 540
TRIANGLE EXPRESSWAY SOUTHEAST EXTENSION
NC 55 BYPASS TO US 64 /264 BYPASS /I-495
MAP 9 OF 9