# 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 4 OF 9

NORTH CAROLINA
Turnpike Authority

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 564 | NEIGHBORS, LARRY WAYNE NEIGHBORS, CHARLOTTE | | | | | | | |

| No. | Name |
|---|---|
| 564 | NEIGHBORS, LARRY WAYNE NEIGHBORS, CHARLOTTE |
| 565 | EUBANKS, TIMOTHY A JR EUBANKS, JESSICA |
| 566 | PERRY, WINSTON G PERRY, CARL JOY |
| 567 | JUNIPER LEVEL BAPTIST CHURCH |
| 568 | GARNER VOLUNTEER FIRE DEPT INC |
| 569 | JOHNSON, DAN B JR JOHNSON, ELIZABETH T |
| 570 | SPEICHER, CARL L SPEICHER, ELIZABETH ANNE |
| 571 | CATTANO, ROLLAND A II CATTANO, PATRICIA H |
| 572 | HICKS, BRIAN T HICKS, HEIDI E |
| 573 | KING, GENE A. KING, SANDRA J. |
| 574 | YARINA, LAUREN I |
| 575 | KIM, KYUNG CHEL KIM, YON SUN |
| 576 | WHITLEY, JAMES ARTHUR JR |
| 577 | HEIGL, JOSEPH LAWRENCE HEIGL, I ANGELA T |
| 578 | GREGORY, WILLIAM ARTHUR JR |
| 579 | PETTI, GLENN D PETTI, KELLY V |
| 580 | RUTHERFORD, JOY E RUTHERFORD, NEAL A III |
| 581 | SAULS, MARSHALL A SAULS, BRENDA W |
| 582 | HEDER, DAVID W |
| 583 | WILLIAMS, BEVERLY R |
| 584 | RIANO, THEODORA J RIANO, MICHAEL J |
| 585 | HOOVER, JEFFREY V HOOVER, ELITA FARA P |
| 586 | MELBERT, JOHANA A |
| 587 | STANCIL BUILDERS INC |
| 588 | STANCIL BUILDERS INC |
| 589 | STANCIL BUILDERS INC |
| 590 | DUBLIN, THELMA |
| 591 | GIBBS, JEFFREY R GIBBS, BRENDA H |
| 592 | NIKOLICH, ERIKA DANIELE |
| 593 | NEITZEL, DOUGLAS LARDNER, KRISTINE |
| 594 | KING, DOROTHY WHITE |
| 595 | HOWELL, CHRISTOPHER GRAY HOWELL, AMY BANISTER |
| 596 | ALFORD, JOHN SUMNER ALFORD, SOMER HAMILTON |
| 597 | DELSALTO, JIMMY WALTER REYES, TAMMY |
| 598 | OBRIEN, COLLEEN MERRITT |
| 599 | GRUDZINSKI, RICHARD J GRUDZINSKI, CHERYL A |
| 600 | KNOX, ELIZABETH HOOPER BOTTOMS, THOMAS MATTHEWS |
| 601 | JARMAN, MICHAEL JARMAN, CARRIE |
| 602 | FOUNTAIN, ROBERT SR FOUNTAIN, SANDRA |
| 603 | MCDOWELL, YVONNE P |
| 604 | GEISE, BRADFORD G GEISE, CONSTANCE M |
| 605 | CARWELL, KENNETH CHRISTOPHER |
| 606 | AQUA NORTH CAROLINA INC |
| 607 | ALLEN, TIFFANY FRANKS |
| 608 | GILL, MONIQUE B GILL, JOHNNY L |
| 609 | GALBREATH, WILLIAM H GALBREATH, CAROL A |
| 610 | BROWN, STEVEN L BROWN, ELISABETH A |
| 611 | SWEAT, JILL JOHNSON |
| 612 | STROUSE, JONATHAN E STROUSE, LEIGH ELLEN |
| 613 | CHILTON, THOMAS CHILTON, PAMELA |
| 614 | BOOZER, RICHARD W |
| 615 | GIBSON, MARK J |
| 616 | BAKER, BENJAMIN GEORGE BAKER, CARLY E |
| 617 | RICHARDS, RACHEL |
| 618 | MCRAE, ERVIN H |
| 619 | RAMSLAND, STEPHEN E SR RAMSLAND, ELLEN |
| 620 | POLENZ, STEPHEN G |
| 621 | MOORE, LORI C MOORE, JEFFERY A |
| 622 | WINSTEAD, RICHARD A |
| 623 | JONES, MARK A JONES, SUSAN D |
| 624 | BARWICK, NEIL BARWICK, SUZANNE |
| 625 | FARMER, KEVIN M FARMER, ASHLEY MAE RESER |
| 626 | AARON, MORTON |
| 627 | FRANKS, SCOTT PATRICK FRANKS, KIMBERLY B |
| 628 | BURGESS, JANICE W |
| 629 | WHITNEY, KATHLEEN J |
| 630 | SHEPHERD, SHELTON M |
| 631 | HENNIS, JIMMY R HENNIS, SHARON M |
| 632 | JENKINS, BARBARA J JENKINS, DOUGLAS G |
| 633 | HUDNALL, HILTON D HUDNALL, PATSY |
| 634 | GILLIS, TIMOTHY GILLIS, DOROTHY PAYNE |
| 635 | SEFCOVIC, CHRISTINE M |
| 636 | NEAL, SHERRY UPCHURCH BALL, DAVID W /TR |
| 637 | ZIMMERMAN, ALLAN L TRUSTEE GARNER, JO ANN Z TRUSTEE |
| 638 | ZIMMERMAN, LISA BETH |
| 639 | NORTH CAROLINA DEPARTMENT OF TRANSPORTATION |
| 640 | JORGENSON, KIRK JORGENSON, AMANDA |
| 641 | HOWELL, LISL HOWELL, THOMAS L |
| 642 | FERRELL, MICHAEL LEE |
| 643 | STEINWRIGHT, BRIENNE TAI STEINWRIGHT, DAWN CELESTE |
| 644 | EDMONDSON, SIDNEY LEE EDMONDSON, PATRICIA B |
| 645 | ARNOLD, JERRY P ARNOLD, PENNIE T |
| 646 | HIGGINS, MICHAEL D HIGGINS, TAMMY B |
| 647 | BALL, JOHN DURWOOD |
| 648 | CARWELL, RONALD G CARWELL, VICKIE R |
| 649 | PARTIN, BRENDA A |
| 650 | EATMON, JOLLIE F EATMON, SHARON W |
| 651 | MCDANIEL, CARLTON S JR MCDANIEL, CYNTHIA W |
| 652 | OLD STAGE PLACE HOMEOWNERS ASSC INC |
| 653 | GODWIN, JAMES RODNEY |
| 654 | GODWIN, JAMES RODNEY |
| 655 | WALTON, JUDSON H JR WALTON, CARRIE A |
| 656 | FAIRWEATHER, ROBERT THOMAS FAIRWEATHER, KATHRYN A |
| 657 | ROLLING MEADOWS HOMEOWNERS ASSOCIATION |
| 658 | BRICE, BRIAN D. BRICE, CARLEY S. |
| 659 | GOODWIN, WORTH L GOODWIN, WANDA R |
| 660 | STEPHENS, JODY BRIAN |
| 661 | CECIL, DAVID ALLAN |
| 662 | WEST, JOSEPH H WEST, DEBRA S |
| 663 | AGBODJAN, ARMEL AKOUETE |
| 664 | LAWHORNE, HARVEY W |
| 665 | CRAWLEY, RICHARD R JR CRAWLEY, MELANIE P |
| 666 | BLACKMAN, JERRY D BLACKMAN, BETTY JEAN |
| 667 | BRAATEN, DAVID BRAATEN, LENA A |
| 668 | OLD STAGE PLACE HOMEOWNERS ASSC INC |
| 669 | AKINBULI, AKIN LAURENCE |
| 670 | BROWN, DANNY R BROWN, TONYA M |
| 671 | DINEEN, MATTHEW DINEEN, ANGELA M |
| 672 | HOUSE, JOHN BARTON, MAGDALEN |
| 673 | PULLIAM, LARRY C PULLIAM, GLORIA ANN |
| 674 | BALL RENTALS LLC |
| 675 | GALLOWAY, JAMELA R GALLOWAY, MICHAEL K |
| 676 | GREENE, WONDUS L GREENE, TAMARA L |
| 677 | MORRISEY, GLORIA M |
| 678 | BARFIELD, THOMAS GOODSON, SHANNON |
| 679 | PFENNING, TIM L PFENNING, BETSY S |
| 680 | BARNES, GARY S BARNES, PATRICIA A |
| 681 | CUMMINGS, OMAR |
| 682 | MCGEE, ROY T III MCGEE, TAMMY B |
| 683 | BALL RENTALS LLC |
| 684 | HOGAN, RICHARD CHRISTOPHER HOGAN, HRISTA CLAIRE |
| 685 | COLLINS, MARK COLLINS, LESLIE |
| 686 | TOMPKINS, TIMOTHY G TOMPKINS, SHONNA B |
| 687 | HAMMER, EDITH R HAMMER, MICHAEL R |
| 688 | LEONARD, ANTHONY JR LEONARD, RHONDA SABATINO |
| 689 | ROBINSON, JEFFREY B ROBINSON, BABETTE MATTHEWS |
| 690 | LINK, SUSAN E BOYETTE, NELSON GARY |
| 691 | AQUA NORTH CAROLINA, INC. |
| 692 | LUCAS, KEITH T LUCAS, SUSAN H |
| 693 | POOLE, CHRISTOPHER LEMUEL ALLEN, EMILY ELIZABETH |
| 694 | TYLKA, MICHAEL W TYLKA, MICHELE B |
| 695 | HAYES, JOHN M HAYES, SHERRY L |
| 696 | CORSI, EDWARD CORSI, JOBETH |
| 697 | CRAWFORD, SCOTT A CRAWFORD, CARLA T |
| 698 | BROWN, BERNADETTE BROWN, DARRYL |
| 699 | JONES, GARRICK R JONES, RENEE A |
| 700 | HEINONKARI, SAMI J HEINONKARI, CHENGYING |
| 701 | SEVITS, GARY SEVITS, GRACE |
| 702 | SLENTZ, MARK A SLENTZ, ANGELA R |
| 703 | BOX, CHARLES F III BOX, KRISTY A |
| 704 | REHL, SCOTT E MAZER, RACHEL H |
| 705 | PACIOREK, GERALD L JR PACIOREK, WENDY LYNN |
| 706 | WILLARD, SARA S DIXON, RICHARD J |
| 707 | JONES, CHRISTOPHER S JONES, TRACY W |
| 708 | LANERIDGE HOMEOWNERS ASSN INC |
| 709 | NEAL, DAVID NEAL, LISA J |
| 710 | SNEED, MARC SNEED, TIFFANIE |
| 711 | DEANGELIS, LOUIS JOSEPH DEANGELIS, BEVERLY |
| 712 | BENNETT, BRIAN C BENNETT, AMY H |
| 713 | FOX, DANNY M FOX, JENNIFER |
| 714 | FUQUAY, HARRIET P |
| 1773 | ATKINS, STEVEN A ATKINS, NELL CONNOR |
| 1775 | BAKER, GLORIA SAULS |
| 1776 | AQUA NORTH CAROLINA, INC. |
| 1777 | CREST OF CAROLINA HOMEOWNERS ASSOC |
| 1778 | BAM HOMES LLC |
| 1779 | HARRISON, MATTHEW RYAN |

-L-

| PI STA 471+40.05 | PIs STA 531+30.59 | PI STA 537+98.31 | PIs STA 544+63.69 | PI STA 594+45.28 | PIs STA 637+93.08 | PI STA 649+64.92 | PIs STA 661+05.87 |
|---|---|---|---|---|---|---|---|
| Δ = 42° 49′ 59.0″ (LT) | Θs = 0° 46′ 23.8″ | Δ = 8° 47′ 11.8″ (RT) | Θs = 0° 46′ 23.8″ | Δ = 21° 28′ 01.8″ (RT) | Θs = 1° 47′ 13.0″ | Δ = 23° 51′ 27.6″ (LT) | Θs = 1° 47′ 13.0″ |
| D = 0° 28′ 22.6″ | Ls = 210.00′ | D = 0° 44′ 11.2″ | Ls = 210.00′ | D = 0° 28′ 38.9″ | Ls = 315.00′ | D = 1° 08′ 04.5″ | Ls = 315.00′ |
| L = 9,056.91′ | LT = 140.00′ | L = 1,193.10′ | LT = 140.00′ | L = 4,496.07′ | LT = 210.01′ | L = 2,102.80′ | LT = 210.01′ |
| T = 4,751.85′ | ST = 70.00′ | T = 597.72′ | ST = 70.00′ | T = 2,274.71′ | ST = 105.01′ | T = 1,066.86′ | ST = 105.01′ |
| R = 12,115.00′ | | R = 7,780.00′ | | R = 12,000.00′ | | R = 5,050.00′ | |
| SE = 0.02 | | SE = 0.03 | | SE = 0.02 | | SE = 0.05 | |

-L-

| PIs STA 668+64.73 | PI STA 681+26.47 | PIs STA 693+39.84 | PIs STA 699+01.58 | PI STA 710+96.24 | PIs STA 722+75.44 |
|---|---|---|---|---|---|
| Θs = 2° 14′ 53.4″ | Δ = 28° 47′ 57.1″ (RT) | Θs = 2° 14′ 53.4″ | Θs = 0° 46′ 23.8″ | Δ = 16° 27′ 04.4″ (LT) | Θs = 0° 46′ 23.8″ |
| Ls = 350.00′ | D = 1° 17′ 04.8″ | Ls = 350.00′ | Ls = 210.00′ | D = 0° 44′ 11.2″ | Ls = 210.00′ |
| LT = 233.35′ | L = 2,241.78′ | LT = 233.35′ | LT = 140.00′ | L = 2,233.85′ | LT = 140.00′ |
| ST = 116.68′ | T = 1,145.10′ | ST = 116.68′ | ST = 70.00′ | T = 1,124.66′ | ST = 70.00′ |
| | R = 4,460.00′ | | | R = 7,780.00′ | |
| | SE = 0.05 | | | SE = 0.03 | |

-Y17-

| PI STA 22+70.97 | PI STA 57+16.09 | PI STA 63+70.58 |
|---|---|---|
| Δ = 13° 47′ 34.0″ (RT) | Δ = 10° 11′ 31.5″ (LT) | Δ = 13° 49′ 12.8″ (RT) |
| D = 2° 29′ 28.0″ | D = 2° 29′ 28.0″ | D = 3° 47′ 39.9″ |
| L = 553.68′ | L = 409.14′ | L = 364.22′ |
| T = 278.18′ | T = 205.11′ | T = 183.00′ |
| R = 2,300.00′ | R = 2,300.00′ | R = 1,510.00′ |
| SE = 0.04 | SE = 0.04 | SE = 0.05 |

### DESIGN DATA

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

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

### POTENTIAL NOISE ABATEMENT AREA

THE LABELED AREAS INDICATE NOISE–SENSITIVE LOCATIONS FOR WHICH POTENTIAL SOUND 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.

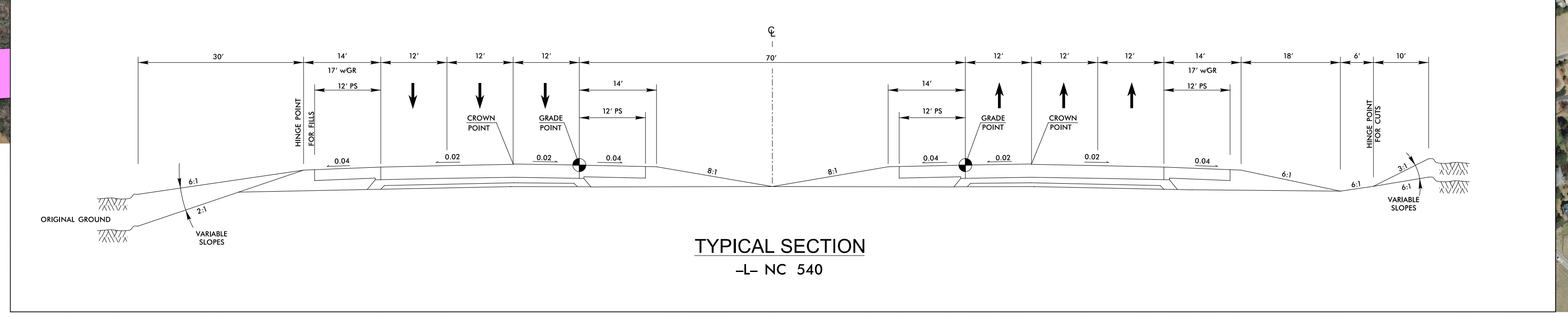
NOTE:
FULL CONTROL OF ACCESS IS DEFINED AS A CONNECTION TO A FACILITY PROVIDED ONLY VIA RAMPS AT INTERCHANGES. ALL CROSS–STREETS ARE GRADE SEPARATED. NO PRIVATE DRIVEWAY CONNECTIONS ARE ALLOWED.

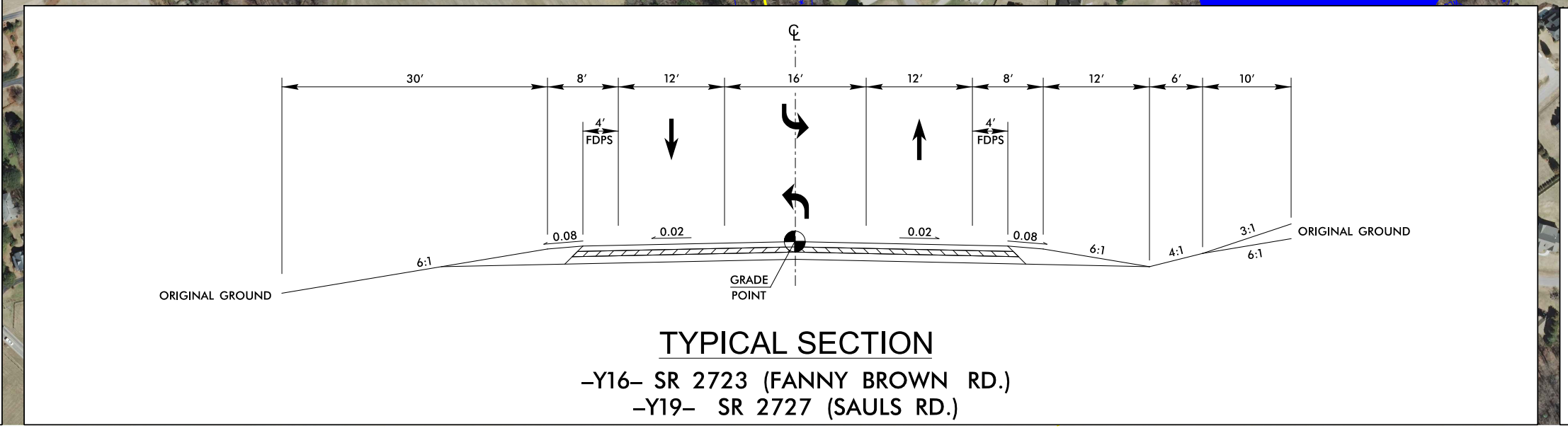
200′ 0′ 200′ 400′
SCALE: 1″ = 200′

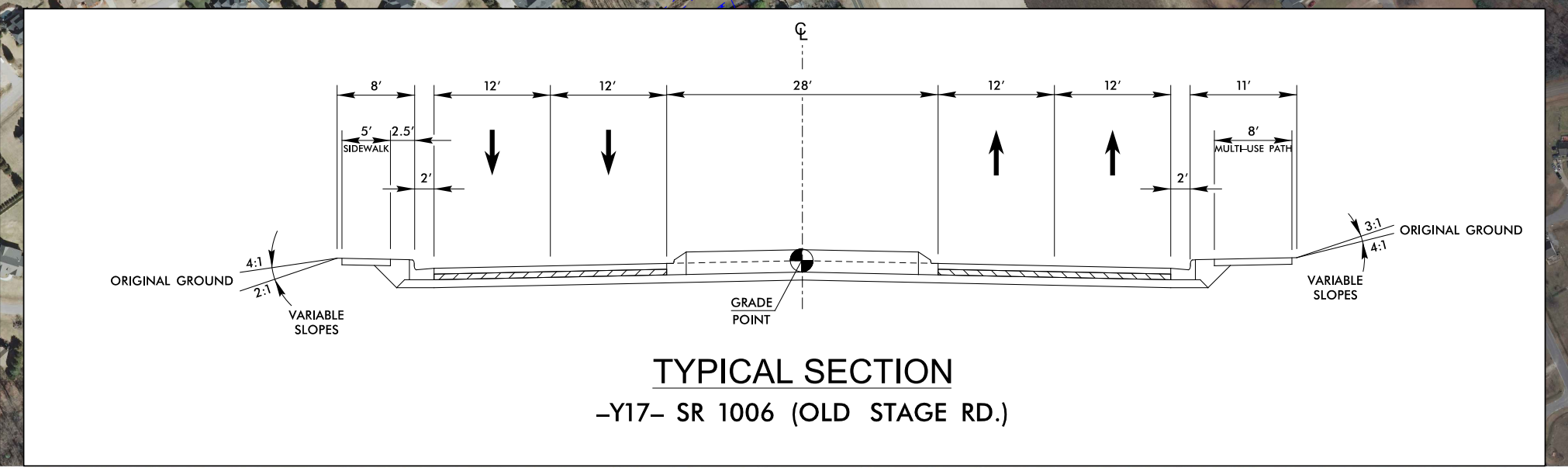
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

### LEGEND

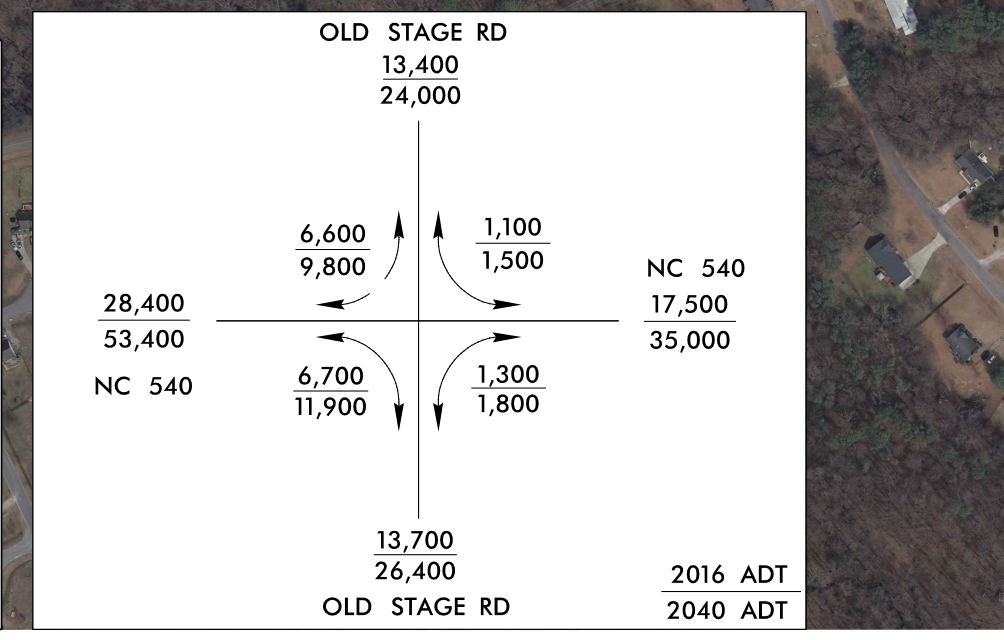
| | |
|---|---|
| 🟫 | BUILDING |
| 🟩 | EXISTING RIGHT OF WAY |
| 🟩 | PROPOSED RIGHT OF WAY |
| ▨ | PROPOSED EASEMENT (DRAINAGE, CONSTRUCTION, OR UTILITY) |
| ⬜ | EXISTING ROADWAY |
| ▨ | EXISTING ROADWAY TO BE REMOVED |
| 🟧 | EXISTING ROADWAY TO BE RESURFACED |
| 🟨 | PROPOSED ROADWAY |
| 🟫 | TEMPORARY 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 |


TYPICAL SECTION
-L- NC 540


TYPICAL SECTION
-Y16- SR 2723 (FANNY BROWN RD.)
-Y19- SR 2727 (SAULS RD.)



TYPICAL SECTION
-Y17- SR 1006 (OLD STAGE RD.)



LEGEND

POTENTIAL NOISE ABATEMENT AREA
THE LABELED AREAS INDICATE NOISE–SENSITIVE LOCATIONS FOR WHICH POTENTIAL SOUND 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:
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PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

200′ 0′ 200′ 400′
SCALE: 1″ = 200′

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

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