# DESIGN PUBLIC MEETING MAP

PROJECT 34178.1.3 (I-3306A)
F. A. PROJECT: IMS-040-4(148)259

## ORANGE COUNTY

WIDENING OF I-40 FROM I-85 TO THE
DURHAM COUNTY LINE

SHEET 1 OF 6

-YRPD-
PI Sta 18+91.05
Δ = 7° 17' 57.3" (LT)
D = 0° 45' 00.2"
L = 973.18'
T = 487.25'
R = 7,639.00'
PIs Sta 25+84.89
Θs = 1° 01' 23.3"
Ls = 300.00'
LT = 200.00'
ST = 100.00'
PI Sta 34+27.24
Δ = 10° 06' 03.1" (LT)
D = 0° 40' 55.5"
L = 1,480.87'
T = 742.36'
R = 8,400.00'
PIs Sta 42+65.75
Θs = 1° 01' 23.3"
Ls = 300.00'
LT = 200.00'
ST = 100.00'
PI Sta 52+57.22
Δ = 2° 25' 01.2" (LT)
D = 0° 30' 00.0"
L = 483.39'
T = 241.73'
R = 11,459.00'
TRAFFIC DIAGRAM
ADT 2018
ADT 2040
I-85
42,285
58,500
41,904
58,200
381
300
47,385
54,800
-L- I-40
88,907
112,700
-L- I-40
℄
10'
6'
18'
14'
12'
EXISTING
EXISTING
12'
11'
11'
12'
EXISTING
EXISTING
14'
17' w/ GUARDRAIL
12'
30'
VARIABLE SLOPE
4:1
6:1
0.08
0.04
EXIST
0.02
0.04
0.04
0.02
EXIST
0.04
0.08
GRADE POINT
DOUBLE FACED CONCRETE BARRIER
GRADE POINT
VARIABLE SLOPE
PROPOSED TYPICAL SECTION
-L- (I-40 HARRIET MOREHEAD BERRY FWY.)
SPAINE DOREEN H
COON ROCK FARM LLC
BABA YUTAKA ETAL
BRAND CAROL TRUSTEE
DIMMOCKS MILL RD SR 1134
BEGIN TIP PROJECT I-3306A
-YRPD- POT STA. 59+50.13
CATES BILLY B
CATES BILLY B
CATES BILLY B
CATES BILLY B
INTERSTATE 40
INTERSTATE 85
TO GREENSBORO
NEEMS ROY EDWARD
KITTRELL ALBERT T
MANGUM DENNIS W
-YRPD- POT Sta. 60+50.13
-YRPD- PT Sta. 54+98.88
-YRPD- PC Sta. 50+15.49
-YRPD- ST Sta. 44+65.75
-YRPD- CS Sta. 41+65.75
B
D
A
A
WLB
INTERSTATE 85
INTERSTATE 40
INTERSTATE 40
NORTH CAROLINA STATE OF
ASSOCIATION FOR THE PRESERVATION OF THE ENO RIVER VALLEY INC
-YFLYAREV- POT Sta. 26+31.18
-YRPD- SC Sta. 26+84.89
-YRPD- PI Sta. 23+84.89
-YRPD- TS Sta. 23+84.89
-YRPD- PC Sta. 14+03.81
-YRPD- POT Sta. 10+00.00
-L- POT Sta. 10+00.00
PATRIOT'S POINTE APARTMENTS
PATRIOTS POINTE PARTNERS LLC
HILLSBOROUGH ESTATES LLC
HILLSBOROUGH ESTATES LLC
MAZARICK MICHAEL S
ROMERO FERNANDEZ GERMAN
CECIL J D JR
ZUNIGA VIDAL N
TAMAY ARIAS NARA A
BROWN CALVIN A
CECIL LOUISE M
CECIL J D
BRAXTON TRAVIS W
ORANGE GROVE RD. SR 1006
SZARY BETH D HRS
GRAVITTE JEFFERY G
STEPHENS ROGER DALE
CRIM ANTHONY CRAIG
STEPHENS ROGER DALE
KING FANNIE L
OAKDALE PROPERTIES LLC
OAKDALE PROPERTIES LLC
OAKDALE PROPERTIES LLC
OAKDALE PROPERTIES LLC
CONCRETE MEDIAN BARRIER
ORANGE COUNTY
CEDAR RIDGE HIGH SCHOOL
NEW GRADY BROWN SCHOOL RD. SR 1221
ORANGE COUNTY NORTH CAROLINA
GRADY BROWN ELEMENTARY SCHOOL
WAGONER CLEVE W
WAGONER CLEVE WILLIAM
KELLY AARON B
BARBEE PATSY A
STEPHENS ROGER DALE
OAKDALE DR. SR 1133
FREJ SONYA C
PARKER WILLIAM LANE
EDWARDS BRENDA C
JOHNSON NANCY L
TURNER BARBARAJEAN
PHELPS LISA MARIE
BLAIR DR
STEPHENS ROGER DALE
DIPAULO DAVID
KOLBINSKY DAVID D
KOLBINSKY ROBERT R TRUSTEE
BURNETT SIM
BACON ROBERT JEFFREY
PFEIFFER WILLIAM G
CHURCH OF GOD OF PROPHECY
LINGO TIM
LEWIS DANIEL L
BODHI PROPERTIES INC
COOK MICHAEL T
GEIGER EDWARD T
ROBERTSON JAMES D
MADDRY ROBERT A
BROWNING VERNON L TRUSTEE
CONWAY EDWARD WAYNE
COOPER LINDA Y
COOPER LINDA Y
BROWN BRYAN K
BARNES MELVIN
DURHAM STEPHEN MCCOY
TURNER BONNY MIZE
THOMPSON NORMAN A
INTERSTATE 40
WATER TANK
GEIGER EDWARD T
GEIGER EDWARD T
ADDISON SALLY A
DUCLAY VERONICA
DUCLAY VERONICA
DUCLAY VERONICA
GARLAND FRANKLIN E
15+00
20+00
25+00
30+00
35+00
40+00
45+00
50+00
55+00
60+00
1
2
3
27
28
29
30
MATCHLINE TO SHEET 2
-L- STA. 63+00.00

## LEGEND

| | |
|---|---|
| 🟫 | BUILDINGS |
| 🟩 | EXISTING RIGHT OF WAY |
| 🟩 | PROPOSED RIGHT OF WAY |
| ▨ | PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY) |
| ⬜ | EXISTING ROADWAY |
| ▨ | EXISTING ROADWAY TO BE REMOVED |
| 🟧 | EXISTING ROADWAY TO BE RESURFACED |
| 🟨 | PROPOSED ROADWAY |
| 🟥 | PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED |
| 🟦 | LAKES, RIVER, STREAMS AND PONDS |
| 🟪 | RAILROAD RIGHT OF WAY |
| ● | PROPOSED FULL CONTROL OF ACCESS |
| ○ | EXISTING CONTROL OF ACCESS |
| 0000 / 0000 | PRESENT ADT<br>FUTURE ADT |
| — | PROPERTY LINES |
| 🟪 | EXISTING UTILITY EASEMENT |
| --- | LIMITS OF CONSTRUCTION |
| ▨ | POTENTIAL NOISE ABATEMENT AREA |
| 🚦 | EXISTING TRAFFIC SIGNAL |
| WLB | WETLAND LIMITS BOUNDARY |
| ⏚ | WETLAND |

① DEPARTMENT OF TRANSPORTATION
② RAY WILLIAM P
③ ENO RENTALS ONE LLC
㉗ DEPARTMENT OF TRANSPORTATION
㉘ DEPARTMENT OF TRANSPORTATION
㉙ DEPARTMENT OF TRANSPORTATION
㉚ DEPARTMENT OF TRANSPORTATION

UTILITY INFORMATION:
TO PROVIDE GREATER VISUAL CLARITY, EXISTING AND PROPOSED UTILITES ARE NOT SHOWN ON THESE MAPS OR ON OTHER DISPLAYS. THE DESIGNS SHOWN ON THESE MAPS ARE FUNCTIONAL AND ARE SUBJECT TO CHANGE.

IMPACTS AND DRIVEWAY TIES:
LIMITS OF CONSTRUCTION AND THEIR IMPACTS SHOWN ON THIS MEETING MAP ARE BASED OFF OF FUNCTIONAL DESIGNS AND LIDAR GROUND SURVEYS. DURING THE FINAL DESIGN STAGE, DESIGNERS WILL ATTEMPT TO MINIMIZE IMPACTS WHERE FEASIBLE USING FINAL GROUND SURVEYS. FINAL DRIVEWAY LOCATIONS WILL ALSO BE DETERMINED DURING FINAL DESIGN USING FINAL SURVEYS.

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 FEASIBLE AND REASONABLE CRITERIA WITHIN THE NCDOT TRAFFIC NOISE ABATEMENT POLICY. IF THESE CRITERIA ARE MET, BARRIER CONSTRUCTION WILL OCCUR PENDING PUBLIC APPROVAL.

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

NOTE:
NC ONEMAP ORTHOIMAGERY DATED FEBRUARY 4, 2017
ORANGE COUNTY PROPERTY OWNER INFORMATION CURRENT AS OF AUGUST 28, 2018

100' 0' 100' 200'
50'
(ENGLISH)

**DESIGN DATA -L-**
Functional Class. = Interstate
Design Speed = 70 mph
Max. Superelev. = 10%

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

LEGEND
BUILDINGS
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY)
EXISTING ROADWAY
EXISTING ROADWAY TO BE REMOVED
EXISTING ROADWAY TO BE RESURFACED
PROPOSED ROADWAY
PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED
EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED
LAKES, RIVER, STREAMS AND PONDS
RAILROAD RIGHT OF WAY
PROPOSED FULL CONTROL OF ACCESS
EXISTING CONTROL OF ACCESS
PRESENT ADT
FUTURE ADT
PROPERTY LINES
EXISTING UTILITY EASEMENT
LIMITS OF CONSTRUCTION
POTENTIAL NOISE ABATEMENT AREA
EXISTING TRAFFIC SIGNAL
WETLAND LIMITS BOUNDARY
WETLAND
① DEPARTMENT OF TRANSPORTATION
② RAY WILLIAM P
③ ENO RENTALS ONE LLC
㉗ DEPARTMENT OF TRANSPORTATION
㉘ DEPARTMENT OF TRANSPORTATION
㉙ DEPARTMENT OF TRANSPORTATION
㉚ DEPARTMENT OF TRANSPORTATION
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NOTE:
NC ONEMAP ORTHOIMAGERY DATED FEBRUARY 4, 2017
ORANGE COUNTY PROPERTY OWNER INFORMATION CURRENT AS OF AUGUST 28, 2018
100' 0' 100' 200'
50'
(ENGLISH)
DESIGN DATA -L-
Functional Class. = Interstate
Design Speed = 70 mph
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PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DESIGN PUBLIC MEETING MAP
PROJECT 34178.1.3 (I-3306A)
F. A. PROJECT: IMS-040-4(148)259
ORANGE COUNTY
WIDENING OF I-40 FROM I-85 TO THE
DURHAM COUNTY LINE
SHEET 1 OF 6

DESIGN PUBLIC MEETING MAP
PROJECT 34178.1.3 (I–3306A)
F. A. PROJECT: IMS–040–4(148)259
ORANGE COUNTY
WIDENING OF I–40 FROM I–85 TO THE
DURHAM COUNTY LINE
SHEET 2 OF 6

## LEGEND

| | |
|---|---|
| 🟫 | BUILDINGS |
| 🟩 | EXISTING RIGHT OF WAY |
| 🟩 | PROPOSED RIGHT OF WAY |
| ▨ | PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY) |
| ▬ | EXISTING ROADWAY |
| ▨ | EXISTING ROADWAY TO BE REMOVED |
| 🟧 | EXISTING ROADWAY TO BE RESURFACED |
| 🟨 | PROPOSED ROADWAY |
| 🟥 | PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED |
| 🟦 | LAKES, RIVER, STREAMS AND PONDS |
| 🟪 | RAILROAD RIGHT OF WAY |
| ● | PROPOSED FULL CONTROL OF ACCESS |
| ○ | EXISTING CONTROL OF ACCESS |
| 0000<br>0000 | PRESENT ADT<br>FUTURE ADT |
| ▬ | PROPERTY LINES |
| 🟪 | EXISTING UTILITY EASEMENT |
| — — — | LIMITS OF CONSTRUCTION |
| ▨ | POTENTIAL NOISE ABATEMENT AREA |
| 🚦 | EXISTING TRAFFIC SIGNAL |
| WLB | WETLAND LIMITS BOUNDARY |
| ⋎ | WETLAND |

④ SHAKHLOUL AMANDA B
⑤ SCARLETT LOUISE J
⑥ SCARLETT LOUISE J

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NOTE:
NC ONEMAP ORTHOIMAGERY DATED FEBRUARY 4, 2017
ORANGE COUNTY PROPERTY OWNER INFORMATION CURRENT AS OF AUGUST 28, 2018

100′ 0′ 100′ 200′
50′
(ENGLISH)

**DESIGN DATA –L–**

Functional Class. = Interstate
Design Speed = 70 mph
Max. Superelev. = 10%

**PRELIMINARY PLANS**
DO NOT USE FOR CONSTRUCTION

**INCOMPLETE PLANS**
DO NOT USE FOR R/W ACQUISITION

TRAFFIC DIAGRAM
–Y2– OLD NC86
SR 1009
ADT 2018
ADT 2040
16,889
27,400
1,181
3,300
11,122
18,700
57,333
69,800
–L– I–40
47,385
54,800
–L– I–40
1,511
4,200
1,519
3,800
7,615
13,400
–Y2– OLD NC86
SR 1009
SLF II NC WATERSTONE LLC
OLD 86 COMMONS LLC
UNIVERSITY OF NORTH CAROLINA HOSPITALS AT CHAPEL HILL #319
BAILEY CHRISTY D ETAL
SPARROW FRED A JR
RIPPY LN
SLF II NC WATERSTONE LLC
OLD NC 86 SR 1009
UNC HOSPITAL HILLSBOROUGH CAMPUS
CATES CREEK TRIBUTARY
EXTEND EXISTING 7′ X 7′ CULVERT
A
B
C
D
INTERSTATE 40
DODSON MICHAEL J
DODSON PAUL C
DODSON CONSTRUCTION CO.
FUQUAY CATHY W
BARLOW RANT B JR
KAUFMANN STEVEN L
SCARLETT LOUISE J
AYERS ROBERT J ETAL
WOODSEDGE PROPERTIES LLC
JORDAN KAREN S
EADS DERRICK B
SCARLETT CALVIN R
BRYANT THEODORE L
INMAN LISA D
REA LANDCOM INC
SCARLETT GERALD E
MCGEE DIANE B ETAL
ORANGE COUNTY
FONTENELLE BARBARA
SHAKHLOUL AMANDA B
DAVIS JUANITA C
WAY DAN E
BEST VIVIAN
WALKER ROWDY B
SCARLETT LOUISE B
ADDISON SALLY A
ADDISON W ALLEN
SERVICE RD SR 1223
CATES CREEK
UPTON SUZANNE
DUCLAY VERONICA
GARLAND FRANKLIN E
CONCRETE MEDIAN BARRIER
WLB
MATCHLINE TO SHEET 1 –L– STA. 63+00.00
MATCHLINE TO SHEET 3 –L– STA. 179+00.00
VARIABLE SLOPE
GRADE POINT
DOUBLE FACED CONCRETE BARRIER
EXISTING
EXIST
VARIABLE MEDIAN
VARIABLE DITCH
VARIABLE FILL
IN CUT
IN FILL
17′ w/GUARDRAIL
EXIST. I–40 LANES
℄ –L1– OR –L2–
℄ –L–

PROPOSED TYPICAL SECTION
–L– (I–40 HARRIET MOREHEAD BERRY FWY.)

PROPOSED TYPICAL SECTION
–L1– & –L2– MIRROR IMAGE

PROPOSED TYPICAL SECTION NO. 3
(NEW RAMPS)

–L–
PI Sta 66+56.36
Θs = 3° 22′ 13.2″
Ls = 300.00′
LT = 200.04′
ST = 100.03′

PI Sta 77+00.65
Δ = 40° 38′ 30.2″ (LT)
D = 2° 14′ 48.8″
L = 1,808.80′
T = 944.33′
R = 2,550.00′

PI Sta 86+65.15
Θs = 3° 22′ 13.2″
Ls = 300.00′
LT = 200.04′
ST = 100.03′

PI Sta 97+21.28
Θs = 2° 15′ 01.5″
Ls = 300.00′
LT = 200.02′
ST = 100.01′

PI Sta 125+11.09
Δ = 70° 18′ 58.3″ (RT)
D = 1° 30′ 01.0″
L = 4,686.86′
T = 2,689.83′
R = 3,819.00′

PI Sta 146+08.14
Θs = 2° 15′ 01.5″
Ls = 300.00′
LT = 200.02′
ST = 100.01′

–L1–
PI Sta 10+50.55
Δ = 2° 17′ 31.4″ (LT)
D = 2° 16′ 02.4″
L = 101.09′
T = 50.55′
R = 2,527.00′

PI Sta 12+01.12
Θs = 3° 24′ 03.7″
Ls = 300.00′
LT = 200.04′
ST = 100.03′

PI Sta 21+92.51
Θs = 2° 37′ 41.7″
Ls = 300.00′
LT = 200.02′
ST = 100.02′

PI Sta 26+97.99
Δ = 14° 08′ 15.8″ (RT)
D = 1° 45′ 07.8″
L = 806.86′
T = 408.50′
R = 3,270.00′

PI Sta 43+79.62
Δ = 36° 41′ 54.6″ (RT)
D = 1° 29′ 03.6″
L = 2,472.37′
T = 1,280.25′
R = 3,860.00′

PI Sta 61+77.92
Δ = 21° 00′ 16.4″ (RT)
D = 1° 45′ 07.8″
L = 1,198.78′
T = 606.19′
R = 3,270.00′

PI Sta 68+70.53
Θs = 2° 37′ 41.7″
Ls = 300.00′
LT = 200.02′
ST = 100.02′

# DESIGN PUBLIC MEETING MAP

PROJECT 34178.1.3 (I–3306A)
F. A. PROJECT: IMS–40–4(148)259

## ORANGE COUNTY

WIDENING OF I–40 FROM I–85 TO THE
DURHAM COUNTY LINE

SHEET 2 OF 6

LEGEND
BUILDINGS
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY)
EXISTING ROADWAY
EXISTING ROADWAY TO BE REMOVED
EXISTING ROADWAY TO BE RESURFACED
PROPOSED ROADWAY
PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED
EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED
LAKES, RIVER, STREAMS AND PONDS
RAILROAD RIGHT OF WAY
PROPOSED FULL CONTROL OF ACCESS
EXISTING CONTROL OF ACCESS
PRESENT ADT
FUTURE ADT
PROPERTY LINES
EXISTING UTILITY EASEMENT
LIMITS OF CONSTRUCTION
POTENTIAL NOISE ABATEMENT AREA
EXISTING TRAFFIC SIGNAL
WETLAND LIMITS BOUNDARY
WETLAND
④ SHAKHLOUL AMANDA B
⑤ SCARLETT LOUISE J
⑥ SCARLETT LOUISE J
UTILITY INFORMATION:
TO PROVIDE GREATER VISUAL CLARITY, EXISTING AND PROPOSED UTILITES ARE NOT SHOWN ON THESE MAPS OR ON OTHER DISPLAYS. THE DESIGNS SHOWN ON THESE MAPS ARE FUNCTIONAL AND ARE SUBJECT TO CHANGE.
IMPACTS AND DRIVEWAY TIES:
LIMITS OF CONSTRUCTION AND THEIR IMPACTS SHOWN ON THIS MEETING MAP ARE BASED OFF OF FUNCTIONAL DESIGNS AND LIDAR GROUND SURVEYS. DURING THE FINAL DESIGN STAGE, DESIGNERS WILL ATTEMPT TO MINIMIZE IMPACTS WHERE FEASIBLE USING FINAL GROUND SURVEYS. FINAL DRIVEWAY LOCATIONS WILL ALSO BE DETERMINED DURING FINAL DESIGN USING FINAL SURVEYS.
POTENTIAL NOISE ABATEMENT AREA:
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NOTES:
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NOTE:
NC ONEMAP ORTHOIMAGERY DATED FEBRUARY 4, 2017
ORANGE COUNTY PROPERTY OWNER INFORMATION CURRENT AS OF AUGUST 28, 2018
100′ 0′ 100′ 200′
50′
(ENGLISH)
DESIGN DATA –L–
Functional Class. = Interstate
Design Speed = 70 mph
Max. Superelev. = 10%
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DESIGN PUBLIC MEETING MAP
PROJECT 34178.1.3 (I–3306A)
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ORANGE COUNTY
WIDENING OF I–40 FROM I–85 TO THE
DURHAM COUNTY LINE
SHEET 2 OF 6

# DESIGN PUBLIC MEETING MAP

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F. A. PROJECT: IMS–040–4(148)259

## ORANGE COUNTY

WIDENING OF I–40 FROM I–85 TO THE
DURHAM COUNTY LINE

SHEET 3 OF 6

MATCHLINE TO SHEET 2
–L– STA. 179+00.00
MATCHLINE TO SHEET 4
–L– STA. 287+00.00
INTERSTATE 40
CONCRETE MEDIAN BARRIER
ORANGE COUNTY
RICHEY ROBERT W ETAL
MCGEE DIANE B ETAL
HANSON AGGREGATES SOUTHEAST INC
WLB
HAILS DAWN HALL
CROWN CASTLE GT COMPANY LLC PMB 353
WALKER C NORMAN JR
NEW HOPE TRACE SR 2218
NEW HOPE CHURCH RD. SR 1723
SUNRISE CHURCH
SUNRISE BAPTIST CHURCH INC
DDMG PROPERTY INVESTMENTS LLC
NADEAU DAVID
TAPPS HIDEAWAY HOMEOWNERS ASSOCIATION INC
–L– PT Sta. 226+22.43
A
B
C
D
SINGMAN AUDREY M
TAPP JACK C
TAPP JACK CARLTON
HOMER RUFFIN RD SR 2217
SPRING HAVEN FARM
WITKIN EDWARD
BLACKWOOD ROBERT C
VALLIE HI LN SR 2216
MEADOW RIDGE HOMEOWNERS ASSOC OF ORANGE COUNTY
BLACKWOOD JOHN C
BLACKWOOD JOHN C ETAL
HIDEAWAY DR. SR 1203
MEADOW GREER RD
STONYWOOD RD
BARBEE RICHARD
LOVDAHL DAWN
VALDIVIA MANUEL
CARVER JAMES H
WALKER JAMES EDWARD JR
STILES WILLIAM B
FAREL PAUL B
SHELDON JAMES E
GERNGROSS THOMAS
MCMILLIAN TIFFANY R
NEW HOPE CREEK
TAPP NEAL D
GERON CHRISTOPHER
180+00
185+00
190+00
195+00
200+00
205+00
210+00
215+00
220+00
225+00
230+00
235+00
240+00
245+00
250+00
255+00
260+00
265+00
270+00
275+00
280+00
285+00
PROPOSED TYPICAL SECTION
–L– (I–40 HARRIET MOREHEAD BERRY FWY.)
10′
6′
18′
14′
12′
EXISTING
12′
11′
11′
12′
EXISTING
14′
17′ w/ GUARDRAIL
12′
30′
VARIABLE SLOPE
4:1
6:1
0.08
0.04
EXIST
0.02
0.04
0.04
0.02
EXIST
0.04
0.08
GRADE POINT
DOUBLE FACED CONCRETE BARRIER
GRADE POINT
VARIABLE SLOPE

## LEGEND

| | |
|---|---|
| 🟫 | BUILDINGS |
| 🟩 | EXISTING RIGHT OF WAY |
| 🟩 | PROPOSED RIGHT OF WAY |
| ▨ | PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY) |
| ⬜ | EXISTING ROADWAY |
| ▨ | EXISTING ROADWAY TO BE REMOVED |
| 🟧 | EXISTING ROADWAY TO BE RESURFACED |
| 🟨 | PROPOSED ROADWAY |
| 🟥 | PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED |
| 🟦 | LAKES, RIVER, STREAMS AND PONDS |
| 🟪 | RAILROAD RIGHT OF WAY |
| ● | PROPOSED FULL CONTROL OF ACCESS |
| ○ | EXISTING CONTROL OF ACCESS |
| 0000 / 0000 | PRESENT ADT / FUTURE ADT |
| ▬ | PROPERTY LINES |
| 🟪 | EXISTING UTILITY EASEMENT |
| — — — | LIMITS OF CONSTRUCTION |
| ▨ | POTENTIAL NOISE ABATEMENT AREA |
| 🚦 | EXISTING TRAFFIC SIGNAL |
| WLB | WETLAND LIMITS BOUNDARY |
| ⏚ | WETLAND |

- ⑦ CRAIG DAVID ERNEST TRUSTEE
- ⑧ RICHEY ROBERT W ETAL
- ⑨ TAPPS HIDEAWAY HOMEOWNERS ASSOCIATION INC
- ⑩ WALKER MARION PATRICE
- ⑪ WALKER MARION PATRICE
- ⑫ MARKUNAS MARY PATRICE GAMBLE
- ⑬ SHARPE ROBERT CHARLES
- ⑭ WELCH RONALD JAY
- ⑮ WITKIN EDWARD

UTILITY INFORMATION:
TO PROVIDE GREATER VISUAL CLARITY, EXISTING AND PROPOSED UTILITES ARE NOT SHOWN ON THESE MAPS OR ON OTHER DISPLAYS. THE DESIGNS SHOWN ON THESE MAPS ARE FUNCTIONAL AND ARE SUBJECT TO CHANGE.

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NOTES:
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NOTE:
NC ONEMAP ORTHOIMAGERY DATED FEBRUARY 4, 2017
ORANGE COUNTY PROPERTY OWNER INFORMATION
CURRENT AS OF AUGUST 28, 2018

100′ 0′ 100′ 200′
50′
(ENGLISH)

### DESIGN DATA –L–

Functional Class. = Interstate
Design Speed = 70 mph
Max. Superelev. = 10%

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

TRAFFIC DIAGRAM

–Y3– NEW HOPE CHURCH RD
SR 1723

ADT 2018 / ADT 2040

–Y3– 6,107 / 10,100
859 / 2,000
3,381 / 5,500
–L– I–40 57,333 / 69,800
61,496 / 76,000 –L– I–40
541 / 1,600
2,181 / 4,300
4,589 / 8,500 –Y3–

–Y3– NEW HOPE CHURCH RD
SR 1723

–L–

PI Sta 208+90.80
Δ = 17° 27′ 10.0″ (LT)
D = 0° 30′ 00.0″
L = 3,490.51′
T = 1,758.88′
R = 11,459.00′

PIs Sta 270+25.51
Θs = 2° 59′ 59.2″
Ls = 300.00′
LT = 200.03′
ST = 100.03′

PI Sta 277+35.17
Δ = 24° 01′ 37.5″ (RT)
D = 1° 59′ 59.5″
L = 1,201.44′
T = 609.68′
R = 2,865.00′

PIs Sta 284+26.95
Θs = 2° 59′ 59.2″
Ls = 300.00′
LT = 200.03′
ST = 100.03′

PIs Sta 295+96.69
Θs = 1° 52′ 06.0″
Ls = 300.00′
LT = 200.01′
ST = 100.01′

PI Sta 304+65.68
Δ = 18° 58′ 52.2″ (LT)
D = 1° 14′ 44.0″
L = 1,523.91′
T = 769.00′
R = 4,600.00′

PIs Sta 313+20.59
Θs = 1° 52′ 06.0″
Ls = 300.00′
LT = 200.01′
ST = 100.01′

PI Sta 332+27.85
Δ = 8° 31′ 14.6″ (LT)
D = 0° 15′ 00.0″
L = 3,408.24′
T = 1,707.27′
R = 22,918.00′

- ⑦ CRAIG DAVID ERNEST TRUSTEE
- ⑧ RICHEY ROBERT W ETAL
- ⑨ TAPPS HIDEAWAY HOMEOWNERS ASSOCIATION INC
- ⑩ WALKER MARION PATRICE
- ⑪ WALKER MARION PATRICE
- ⑫ MARKUNAS MARY PATRICE GAMBLE
- ⑬ SHARPE ROBERT CHARLES
- ⑭ WELCH RONALD JAY
- ⑮ WITKIN EDWARD

LEGEND

BUILDINGS
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY)
EXISTING ROADWAY
EXISTING ROADWAY TO BE REMOVED
EXISTING ROADWAY TO BE RESURFACED
PROPOSED ROADWAY
PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED
EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED
LAKES, RIVER, STREAMS AND PONDS
RAILROAD RIGHT OF WAY
PROPOSED FULL CONTROL OF ACCESS
EXISTING CONTROL OF ACCESS
PRESENT ADT
FUTURE ADT
PROPERTY LINES
EXISTING UTILITY EASEMENT
LIMITS OF CONSTRUCTION
POTENTIAL NOISE ABATEMENT AREA
EXISTING TRAFFIC SIGNAL
WETLAND LIMITS BOUNDARY
WETLAND

UTILITY INFORMATION:
TO PROVIDE GREATER VISUAL CLARITY, EXISTING AND PROPOSED UTILITES ARE NOT SHOWN ON THESE MAPS OR ON OTHER DISPLAYS. THE DESIGNS SHOWN ON THESE MAPS ARE FUNCTIONAL AND ARE SUBJECT TO CHANGE.

IMPACTS AND DRIVEWAY TIES:
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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 FEASIBLE AND REASONABLE CRITERIA WITHIN THE NCDOT TRAFFIC NOISE ABATEMENT POLICY. IF THESE CRITERIA ARE MET, BARRIER CONSTRUCTION WILL OCCUR PENDING PUBLIC APPROVAL.

NOTES:
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NOTE:
NC ONEMAP ORTHOIMAGERY DATED FEBRUARY 4, 2017
ORANGE COUNTY PROPERTY OWNER INFORMATION
CURRENT AS OF AUGUST 28, 2018

100′ 0′ 100′ 200′
(ENGLISH)

DESIGN DATA –L–
Functional Class. = Interstate
Design Speed = 70 mph
Max. Superelev. = 10%

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DESIGN PUBLIC MEETING MAP
PROJECT 34178.1.3 (I–3306A)
F. A. PROJECT: IMS–040–4(148)259
ORANGE COUNTY
WIDENING OF I–40 FROM I–85 TO THE
DURHAM COUNTY LINE
SHEET 3 OF 6

DESIGN PUBLIC MEETING MAP
PROJECT 34178.1.3 (I–3306A)
F. A. PROJECT: IMS–040–4(148)259
ORANGE COUNTY
WIDENING OF I–40 FROM I–85 TO THE
DURHAM COUNTY LINE
SHEET 3 OF 6

# DESIGN PUBLIC MEETING MAP

PROJECT 34178.1.3 (I–3306A)
F. A. PROJECT: IMS–040–4(148)259

## ORANGE COUNTY

WIDENING OF I–40 FROM I–85 TO THE
DURHAM COUNTY LINE
ALTERNATE 4B
SHEET 4 OF 6

PROPOSED TYPICAL SECTION
–L– (I–40 HARRIET MOREHEAD BERRY FWY.)
DOUBLE FACED CONCRETE BARRIER
GRADE POINT
VARIABLE SLOPE
17′ w/ GUARDRAIL
PROPOSED TYPICAL SECTION
–L1– & –L2– MIRROR IMAGE
℄ –L1– OR –L2–
℄ –L–
VARIABLE MEDIAN
VARIABLE DITCH
VARIABLE FILL
EXIST. I–40 LANES
PROPOSED TYPICAL SECTION
–ALT2Y5– (NC 86 MARTIN LUTHER KING JR BLVD)
*NOTE: POTENTIAL SIDEWALK LOCATION PENDING MUNICIPAL FINANCIAL COST SHARE
BIKE LANE
EXIST – VARIABLE 0′ TO 24′
TRAFFIC DIAGRAM
–Y5– NC86
MARTIN LUTHER KING BLVD
ADT 2018
ADT 2040
–Y8– EUBANKS RD SR 1727
–L– I–40
–Y10– WHITFIELD RD SR 1730
36,000 / 47,000
6,770 / 12,800
11,822 / 21,600
5,052 / 8,800
34,281 / 43,000
12,126 / 16,200
1,211 / 3,900
2,837 / 5,200
68,763 / 88,400
61,496 / 76,000
11,141 / 14,400
16,781 / 25,500
7,711 / 10,400
493 / 900
5,400 / 7,600
4,907 / 6,700
MATCHLINE TO SHEET 3
MATCHLINE TO SHEET 5 STA. 402+00.00
40
86
M.L.K. JR. BLVD
DUKE UNIVERSITY
HOMESTEAD MOBILE HOME PARK
HILLTOP MOBILE HOME PARK
FUQUA PARKS TIMBER AND DEVELOPMENT COMPANY LLC
PRIME VENTURES LLC
WALDORF EDUCATIONAL ASSOCIATION OF NORTH CAROLINA INC
CHAPEL HILL ISLAMIC SOCIETY
CHAPEL HILL PUBLIC WORKS
CHAPEL HILL TRANSIT
CARRAWAY VILLAGE
HARRIS TEETER
EXTEND EXISTING 8′ X 8′ CULVERT
EXISTING SIGNAL TO BE REMOVED
A
B
C
D

100′ 0′ 100′ 200′
50′

(ENGLISH)

| DESIGN DATA –L– | | |
|---|---|---|
| Functional Class. | = | Interstate |
| Design Speed | = | 70 mph |
| Max. Superelev. | = | 10% |

### LEGEND

| | |
|---|---|
| 🟫 | BUILDINGS |
| 🟩 | EXISTING RIGHT OF WAY |
| 🟩 | PROPOSED RIGHT OF WAY |
| ▨ | PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY) |
| ⬜ | EXISTING ROADWAY |
| ▨ | EXISTING ROADWAY TO BE REMOVED |
| 🟧 | EXISTING ROADWAY TO BE RESURFACED |
| 🟨 | PROPOSED ROADWAY |
| ▨ | PROPOSED FUTURE ROADWAY |
| 🟥 | PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED |
| 🟦 | LAKES, RIVER, STREAMS AND PONDS |
| 🟪 | RAILROAD RIGHT OF WAY |
| ● | PROPOSED FULL CONTROL OF ACCESS |
| ○ | EXISTING CONTROL OF ACCESS |
| 0000 / 0000 | PRESENT ADT / FUTURE ADT |
| ▭ | PROPERTY LINES |
| 🟪 | EXISTING UTILITY EASEMENT |
| – – – | LIMITS OF CONSTRUCTION |
| ▨ | CEMETARY |
| ▨ | POTENTIAL NOISE ABATEMENT AREA |
| 🚦 | EXISTING TRAFFIC SIGNAL |
| 🚦 | PROPOSED TRAFFIC SIGNAL |
| WLB | WETLAND LIMITS BOUNDARY |
| ⏚ | WETLAND |

UTILITY INFORMATION:
TO PROVIDE GREATER VISUAL CLARITY, EXISTING AND PROPOSED UTILITES ARE NOT SHOWN ON THESE MAPS OR ON OTHER DISPLAYS. THE DESIGNS SHOWN ON THESE MAPS ARE FUNCTIONAL AND ARE SUBJECT TO CHANGE.

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NOTE:
NC ONEMAP ORTHOIMAGERY DATED FEBRUARY 4, 2017
ORANGE COUNTY PROPERTY OWNER INFORMATION CURRENT AS OF AUGUST 28, 2018

**PRELIMINARY PLANS**
DO NOT USE FOR CONSTRUCTION

**INCOMPLETE PLANS**
DO NOT USE FOR R/W ACQUISITION

| | |
|---|---|
| ⑯ | JOHNSTON CHARLES W JR |
| ⑰ | GARDINER MARGARET J |
| ⑱ | CASALE EUGENE L |
| ㉒ | HEIN WILLIAMS |
| ㉓ | ADAMS RACHEL D |
| ㉔ | SCHWOERKE LUCILLE C |
| ㉕ | MERRITT FRANK R |
| ㉖ | ORANGE COUNTY ALCOHOLIC BEVERAGE CONTROL BOARD |

LEGEND
BUILDINGS
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY)
EXISTING ROADWAY
EXISTING ROADWAY TO BE REMOVED
EXISTING ROADWAY TO BE RESURFACED
PROPOSED ROADWAY
PROPOSED FUTURE ROADWAY
PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED
EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED
LAKES, RIVER, STREAMS AND PONDS
RAILROAD RIGHT OF WAY
PROPOSED FULL CONTROL OF ACCESS
EXISTING CONTROL OF ACCESS
PRESENT ADT / FUTURE ADT
PROPERTY LINES
EXISTING UTILITY EASEMENT
LIMITS OF CONSTRUCTION
CEMETARY
POTENTIAL NOISE ABATEMENT AREA
EXISTING TRAFFIC SIGNAL
PROPOSED TRAFFIC SIGNAL
WETLAND LIMITS BOUNDARY
WETLAND

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ORANGE COUNTY PROPERTY OWNER INFORMATION CURRENT AS OF AUGUST 28, 2018

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

(ENGLISH)
DESIGN DATA –L–
Functional Class. = Interstate
Design Speed = 70 mph
Max. Superelev. = 10%

⑯ JOHNSTON CHARLES W JR
⑰ GARDINER MARGARET J
⑱ CASALE EUGENE L
㉒ HEIN WILLIAMS
㉓ ADAMS RACHEL D
㉔ SCHWOERKE LUCILLE C
㉕ MERRITT FRANK R
㉖ ORANGE COUNTY ALCOHOLIC BEVERAGE CONTROL BOARD

# DESIGN PUBLIC MEETING MAP

PROJECT 34178.1.3 (I–3306A)
F. A. PROJECT: IMS–040–4(148)259

## ORANGE COUNTY

WIDENING OF I–40 FROM I–85 TO THE
DURHAM COUNTY LINE

SHEET 5 OF 6

### LEGEND

| | |
|---|---|
| 🟫 | BUILDINGS |
| 🟩 | EXISTING RIGHT OF WAY |
| 🟩 | PROPOSED RIGHT OF WAY |
| ▨ | PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY) |
| ▬ | EXISTING ROADWAY |
| ▨ | EXISTING ROADWAY TO BE REMOVED |
| 🟧 | EXISTING ROADWAY TO BE RESURFACED |
| 🟨 | PROPOSED ROADWAY |
| 🟥 | PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED |
| 🟦 | LAKES, RIVER, STREAMS AND PONDS |
| 🟪 | RAILROAD RIGHT OF WAY |
| ● | PROPOSED FULL CONTROL OF ACCESS |
| ○ | EXISTING CONTROL OF ACCESS |
| 0000<br>0000 | PRESENT ADT<br>FUTURE ADT |
| ▬ | PROPERTY LINES |
| ▬ | EXISTING UTILITY EASEMENT |
| — — — | LIMITS OF CONSTRUCTION |
| ▨ | POTENTIAL NOISE ABATEMENT AREA |
| 🚦 | EXISTING TRAFFIC SIGNAL |
| WLB | WETLAND LIMITS BOUNDARY |
| ⊻ | WETLAND |

⑲ SHIEH TING KUO
⑳ KUTZ WILBUR S HRS

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NOTE:
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ORANGE COUNTY PROPERTY OWNER INFORMATION CURRENT AS OF AUGUST 28, 2018

100′ 0′ 100′ 200′
50′
(ENGLISH)

**DESIGN DATA –L–**

Functional Class. = Interstate
Design Speed = 70 mph
Max. Superelev. = 10%

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

–L–

| | | |
|---|---|---|
| PIs Sta 410+67.25<br>Θs = 2° 59′ 59.2″<br>Ls = 300.00′<br>LT = 200.03′<br>ST = 100.03′ | PI Sta 422+13.33<br>Δ = 40° 07′ 03.8″ (LT)<br>D = 1° 59′ 59.5″<br>L = 2,006.03′<br>T = 1,046.11′<br>R = 2,865.00′ | PIs Sta 432+73.28<br>Θs = 2° 59′ 59.2″<br>Ls = 300.00′<br>LT = 200.03′<br>ST = 100.03′ |
| PIs Sta 440+75.90<br>Θs = 2° 14′ 59.4″<br>Ls = 300.00′<br>LT = 200.02′<br>ST = 100.01′ | PI Sta 451+99.80<br>Δ = 30° 00′ 35.1″ (RT)<br>D = 1° 29′ 59.6″<br>L = 2,000.80′<br>T = 1,023.91′<br>R = 3,820.00′ | PIs Sta 462+76.70<br>Θs = 2° 14′ 59.4″<br>Ls = 300.00′<br>LT = 200.02′<br>ST = 100.01′ |
| PIs Sta 466+76.69<br>Θs = 1° 07′ 06.6″<br>Ls = 300.00′<br>LT = 200.00′<br>ST = 100.00′ | PI Sta 482+72.91<br>Δ = 22° 02′ 17.0″ (RT)<br>D = 0° 44′ 44.4″<br>L = 2,955.47′<br>T = 1,496.23′<br>R = 7,683.79′ | |

MATCHLINE TO SHEET 4
–L– STA. 402+00.00
MATCHLINE TO SHEET 6
–L– STA. 483+00.00
INTERSTATE 40
CONCRETE MEDIAN BARRIER
WEDGEWOOD RD
SEDGEWOOD RD
FOXRIDGE RD
MAFOLIE CT
HARNKESS CIR
NORTHRIDGE LN
SUNRISE RD. SR 1732
FISCHER NEWTON D
AMALDOSS WILFRED
THE ANCHOR GROUP LLC
PROP OWNERS ASSOC OF STONERIDGE AND SEDGEFIELD INC
DRAPER GEORGE H IV
CURRY EARNEST L
DONG RUNBIN
YU LIYUN
ROE MATTHEW TODD
PRATT LESLEY T
SOCCORSO EDWARD F III
DATTA SANTANU
NASH SCOTT D
CAPEHART BRUCE
LLOYD JEFFREY K
LEVINSON HOWARD
PRASAD VINOD
FANG KUO C
ZHANG TENG
CRAIG J STOPA
DODSON ALEXANDER D
KOLLINS SCOTT H
KINCAIDE JAMES LAWRENCE
THE FOUNDRY
CHAPEL HILL WESLEYAN CHURCH
BAGWELL JUDY M
CHAPEL HILL RESIDENTIAL
CHITHAMOOR SRIPRIYA SRIDHAR
CRAIG P H JR
HENRY RICHARD WAGNER
HABITAT FOR HUMANITY ORANGE COUNTY NC INC
SHIEH TING KUO
NORTHWESTERN MUTUAL LIFE INSURANCE COMPANY
KENSINGTON CHASE CONDOMINIUMS
CHAPEL HILL 40
CAROL WOODS RETIREMENT COMMUNITY
CHAPEL HILL RESIDENTIAL RETIREMENT CENTER INC
WLB
⑲
⑳
10′
6′
18′
14′
12′
EXISTING
11′
17′ w/ GUARDRAIL
30′
VARIABLE SLOPE
4:1
6:1
0.08
0.04
0.02
EXIST
GRADE POINT
DOUBLE FACED CONCRETE BARRIER
℄

PROPOSED TYPICAL SECTION
–L– (I–40 HARRIET MOREHEAD BERRY FWY.)

DESIGN PUBLIC MEETING MAP
PROJECT 34178.1.3 (I-3306A)
F. A. PROJECT: IMS-040-4(148)259
ORANGE COUNTY
WIDENING OF I-40 FROM I-85 TO THE DURHAM COUNTY LINE
SHEET 5 OF 6

LEGEND
BUILDINGS
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY)
EXISTING ROADWAY
EXISTING ROADWAY TO BE REMOVED
EXISTING ROADWAY TO BE RESURFACED
PROPOSED ROADWAY
PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER
EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED
EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED
LAKES, RIVER, STREAMS AND PONDS
RAILROAD RIGHT OF WAY
PROPOSED FULL CONTROL OF ACCESS
EXISTING CONTROL OF ACCESS
PRESENT ADT
FUTURE ADT
PROPERTY LINES
EXISTING UTILITY EASEMENT
LIMITS OF CONSTRUCTION
POTENTIAL NOISE ABATEMENT AREA
EXISTING TRAFFIC SIGNAL
WETLAND LIMITS BOUNDARY
WETLAND
⑲ SHIEH TING KUO
⑳ KUTZ WILBUR S HRS
UTILITY INFORMATION:
TO PROVIDE GREATER VISUAL CLARITY, EXISTING AND PROPOSED UTILITES ARE NOT SHOWN ON THESE MAPS OR ON OTHER DISPLAYS. THE DESIGNS SHOWN ON THESE MAPS ARE FUNCTIONAL AND ARE SUBJECT TO CHANGE.
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NOTES:
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NOTE:
NC ONEMAP ORTHOIMAGERY DATED FEBRUARY 4, 2017
ORANGE COUNTY PROPERTY OWNER INFORMATION CURRENT AS OF AUGUST 28, 2018
100′ 0′ 100′ 200′
50′
(ENGLISH)
DESIGN DATA –L–
Functional Class. = Interstate
Design Speed = 70 mph
Max. Superelev. = 10%
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DESIGN PUBLIC MEETING MAP
PROJECT 34178.1.3 (I-3306A)
F. A. PROJECT: IMS-040-4(148)259
ORANGE COUNTY
WIDENING OF I-40 FROM I-85 TO THE DURHAM COUNTY LINE
SHEET 5 OF 6

# DESIGN PUBLIC MEETING MAP

## PROJECT 34178.1.3 (I–3306A)
## F. A. PROJECT: IMS–040–4(148)259

# ORANGE COUNTY

## WIDENING OF I–40 FROM I–85 TO THE DURHAM COUNTY LINE

## SHEET 6 OF 6

### LEGEND

| | |
|---|---|
| 🟫 | BUILDINGS |
| 🟩 | EXISTING RIGHT OF WAY |
| 🟩 | PROPOSED RIGHT OF WAY |
| ▨ | PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY) |
| ⬜ | EXISTING ROADWAY |
| ▨ | EXISTING ROADWAY TO BE REMOVED |
| 🟧 | EXISTING ROADWAY TO BE RESURFACED |
| 🟨 | PROPOSED ROADWAY |
| 🟥 | PROPOSED STRUCTURES, ISLAND, CURB AND GUTTER |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE RETAINED |
| ▨ | EXISTING STRUCTURES, ISLAND, CURB AND GUTTER TO BE REMOVED |
| 🟦 | LAKES, RIVER, STREAMS AND PONDS |
| 🟪 | RAILROAD RIGHT OF WAY |
| ● | PROPOSED FULL CONTROL OF ACCESS |
| ○ | EXISTING CONTROL OF ACCESS |
| 0000<br>0000 | PRESENT ADT<br>FUTURE ADT |
| ▭ | PROPERTY LINES |
| 🟪 | EXISTING UTILITY EASEMENT |
| — — — | LIMITS OF CONSTRUCTION |
| ▨ | POTENTIAL NOISE ABATEMENT AREA |
| 🚦 | EXISTING TRAFFIC SIGNAL |
| WLB | WETLAND LIMITS BOUNDARY |
| ⩛ | WETLAND |

(21) STANKUS MATTHEW ETAL

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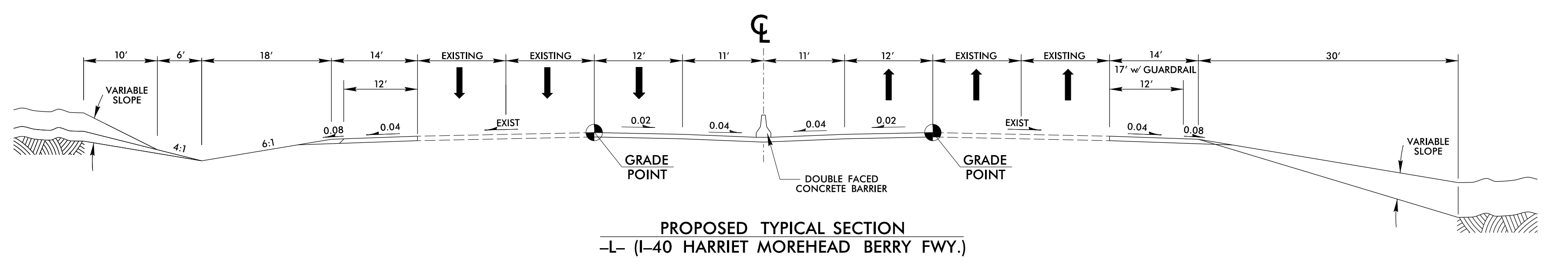
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

–L–
PIs Sta 498+32.16
Θs = 1° 07′ 06.6″
Ls = 300.00′
LT = 200.00′
ST = 100.00′

PI Sta 482+72.91
Δ = 22° 02′ 17.0″ (RT)
D = 0° 44′ 44.4″
L = 2,955.47′
T = 1,496.23′
R = 7,683.79′

MATCHLINE TO SHEET 5
–L– STA. 483+00.00
MAYSE DELBERT E
GRIFFITH RICHARD S
BAGWELL JUDY M
KNIGHT MARTHA S
FORD JEANNETTE S
YOUNG TIMOTHY BRENT
DRY CREEK RD
BROWN THOMAS V
BROWN BROTHERS BODY WORKS, INC
BROWN THOMAS VERNON
ERWIN RD. SR 1734
CARROLL NANIE M
HARRISON CHARLES L
WHITTED JESSICA C
BULLOCK LOWELL E TRUSTEE
CHAPEL HILL TOWN OF
HALL MARGARET CARROLL
CARROLL LUCILLE C ETAL
NEW HOPE CREEK
WLB
INTERSTATE 40
CONCRETE MEDIAN BARRIER
36′
22′
36′
485+00
490+00
495+00
500+00
505+00
510+00
515+00
520+00
525+00
530+00
535+00
540+00
545+00
550+00
555+00
–L– CS Sta. 497+32.15
–L– ST Sta. 500+32.15
–L– POT Sta. 558+68.71
END TIP PROJECT I–3306A
–L– POT STA. 558+68.71
TO DURHAM
HABITAT FOR HUMANITY ORANGE COUNTY NC INC
JOSSELYN LOUIS S III
SIERADZAN WITOLD TRUSTEE
KING JOSEPH R
SCULLION MARK O
HALL LAURA J
LANGE MARC B
YUKON LN
YUN ERIC N
MATTHEWS HARRIET
ATLAS DAVID
CONWAY MICHAEL F TRUSTEE
GREENBERG ROBIN J
KAYLIE DAVID M
BALCOM STEPHEN II
CASTRO DINA
ZELDIN DARRYL CRAIG
EVANS EDWARD ANTHONY
COLLINS BRADLEY V
SWIFT EDWARD J JR
SWEETEN CREEK RD
ALTA CT
SAN JUAN DR
DINGFELDER ERIC J
XIAO MENG
MIN JOHN KYUNG HWAN
SAFVI MEHAR
SKURKY NEERA
SHARMA AMIT
PETTERSON BRADLEY J
QIAN JIANG
JIANG WEIWEN
21
HAWKSBILL PL
PERRY CREEK RD
HALL VERA M CARROLL
CARROLL LILLIE M HRS
SILVER CREEK TRL


℄
10′
6′
18′
14′
12′
EXISTING
EXISTING
12′
11′
11′
12′
EXISTING
EXISTING
14′
17′ w/ GUARDRAIL
12′
30′
VARIABLE SLOPE
4:1
6:1
0.08
0.04
EXIST
0.02
0.04
0.04
0.02
EXIST
0.04
0.08
GRADE POINT
DOUBLE FACED CONCRETE BARRIER
GRADE POINT
VARIABLE SLOPE

PROPOSED TYPICAL SECTION
–L– (I–40 HARRIET MOREHEAD BERRY FWY.)

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