CORRIDOR / DESIGN PUBLIC HEARING MAP

FEDERAL PROJECT NHF-74 (22)
PROJECT 8.T551001 (TIP NUMBER A9 B & C)
WBS 32572.1.1

US 74 RELOCATION

FROM US 129 IN ROBBINSVILLE TO
NC 28 IN STECOAH
GRAHAM COUNTY

ROLL 1 OF 2

LEGEND

▬	BUILDINGS
▬	LAKES, RIVER, STREAMS AND PONDS
0000 0000	PRESENT AVERAGE DAILY TRAFFIC FUTURE AVERAGE DAILY TRAFFIC
●	PROPOSED PARTIAL CONTROL OF ACCESS
●	PROPOSED LIMITED CONTROL OF ACCESS
WLB	WETLAND LIMITS BOUNDARY
▨	HISTORIC PROPERTY
🟩	ALTERNATIVE X
🟨	ALTERNATIVE Y
🚦	PROPOSED SIGNAL
🟥	STRUCTURES, BRIDGES, TUNNELS & CULVERTS
▨	EXISTING STRUCTURES, ISLAND, ISLAND, CURB AND GUTTER TO BE RETAINED
▬	CEMETERIES

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

US 74 RELOCATION
A9 B & C
PRELIMINARY DESIGN
ALTERNATIVES X & Y
GRAHAM COUNTY

ENGLISH
200 100 0 200 400

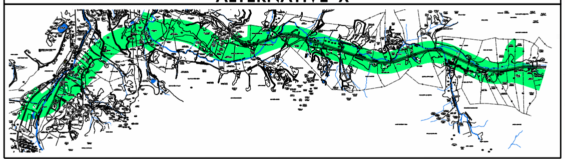
DESIGN DATA

Functional Class. = Rural Principal Arterial
Design Speed = 55 mph
Max. Superelev. = 0.08

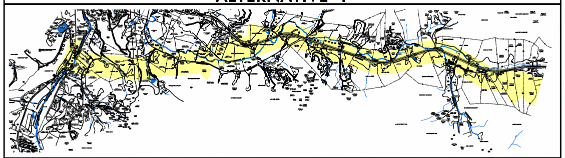
Partial Control of Access is defined as one access point per parcel. For properties with large road frontages (for example, 2000 feet or more), an additional access point may be considered. For properties that have access, such as via a side road, access to US 74 Relocation may be eliminated.

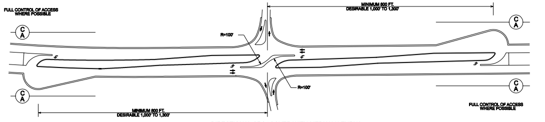
Limited Control of Access is definied as connections to a facility provided only via ramps at interchanges (major crossings) and at-grade intersections (minor crossings and service roads). No private driveway connections allowed. A control of access fence is placed along the entire length of the facility, except at intersections, and at a minimum of 1000 feet beyond the ramp intersections on the Y lines (minor facility) at interchanges (if possible).

ALTERNATIVE X



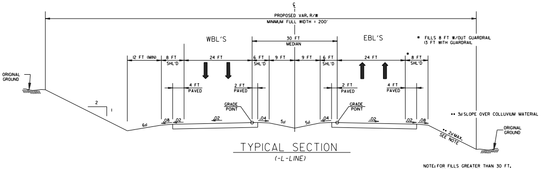
ALTERNATIVE Y




FULL CONTROL OF ACCESS WHERE POSSIBLE
MINIMUM 800 FT.
DESIRABLE 1,000' TO 1,300'
C A
R=100'
R=100'
MINIMUM 800 FT.
DESIRABLE 1,000' TO 1,300'
FULL CONTROL OF ACCESS WHERE POSSIBLE

DIRECTIONAL CROSSOVER WITH MEDIAN U-TURNS

POTENTIALLY TO BE USED AT ALL INTERSECTIONS
U-TURN KNUCKLES NOT TO BE PLACED IN WETLANDS OR RIGHT OF WAY SENSITIVE AREAS

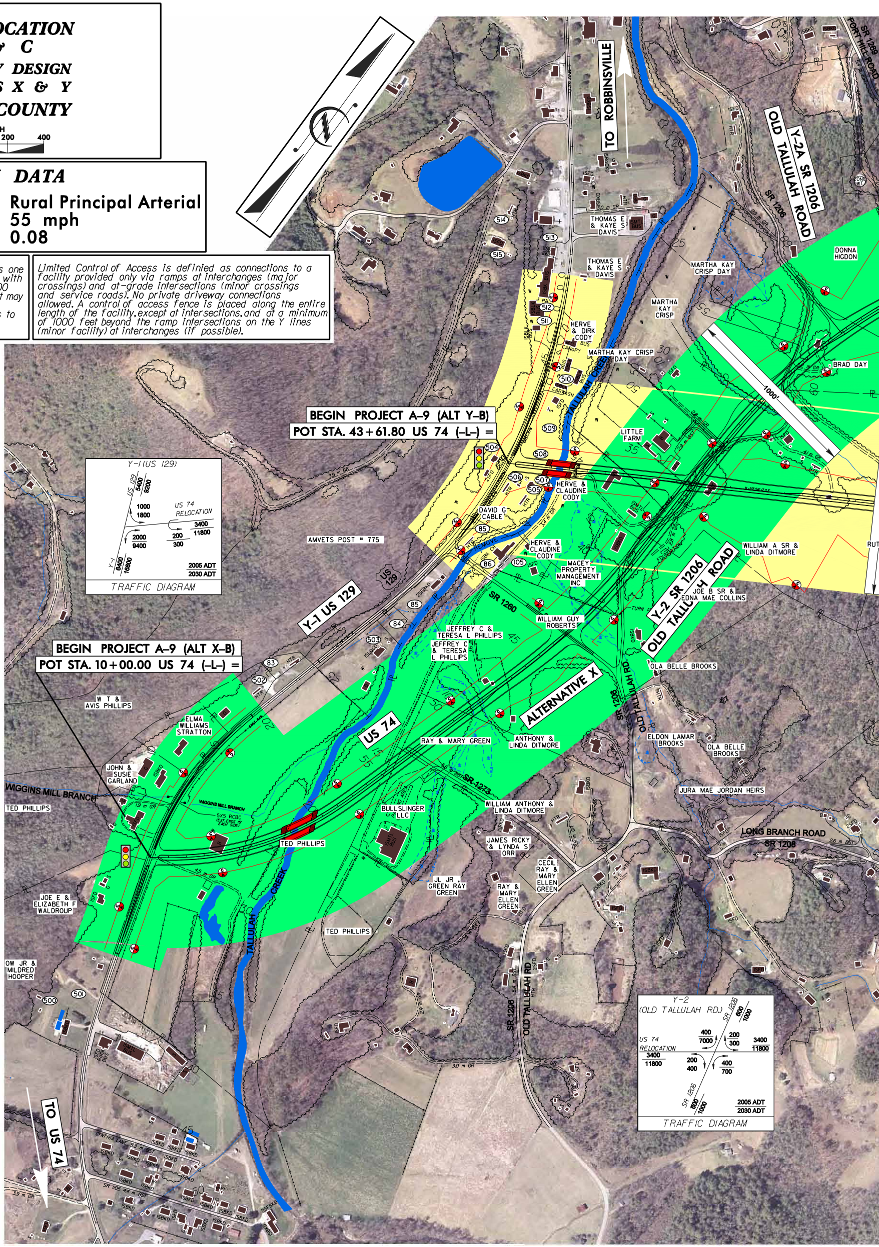

℄
PROPOSED VAR. R/W
MINIMUM FULL WIDTH = 200'
WBL'S
30 FT
MEDIAN
EBL'S
12 FT (MIN)
8 FT
SHL'D
24 FT
6 FT
SHL'D
9 FT
9 FT
6 FT
SHL'D
24 FT
8 FT
SHL'D
4 FT
PAVED
2 FT
PAVED
2 FT
PAVED
4 FT
PAVED
ORIGINAL GROUND
2
1
GRADE POINT
GRADE POINT
6:1
.08
.02
.02
.04
5:1
5:1
.04
.02
.02
.08
2:1 MAX. SEE NOTE
ORIGINAL GROUND

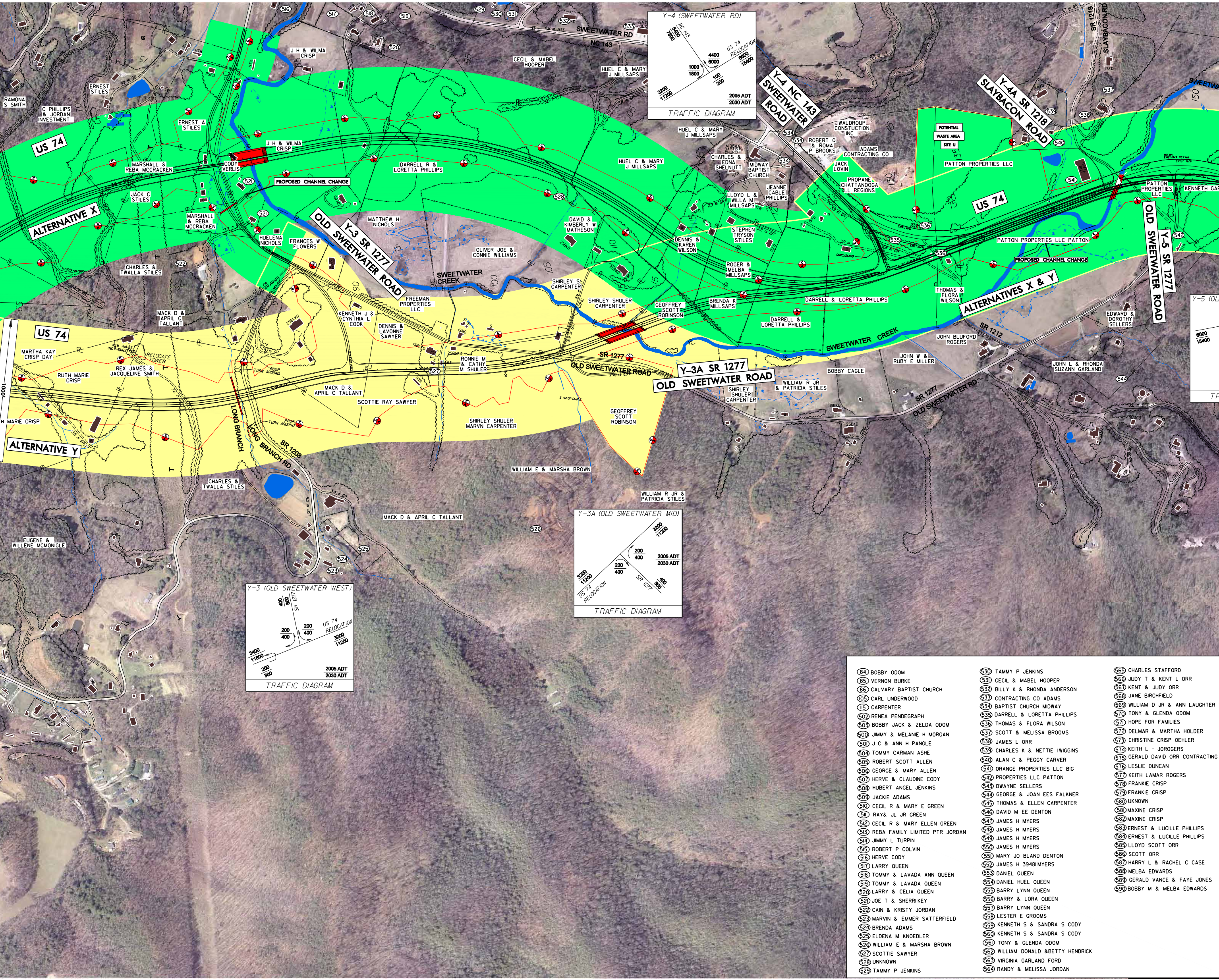
* FILLS 8 FT W/OUT GUARDRAIL
13 FT WITH GUARDRAIL

** 3:1 SLOPE OVER COLLUVIUM MATERIAL

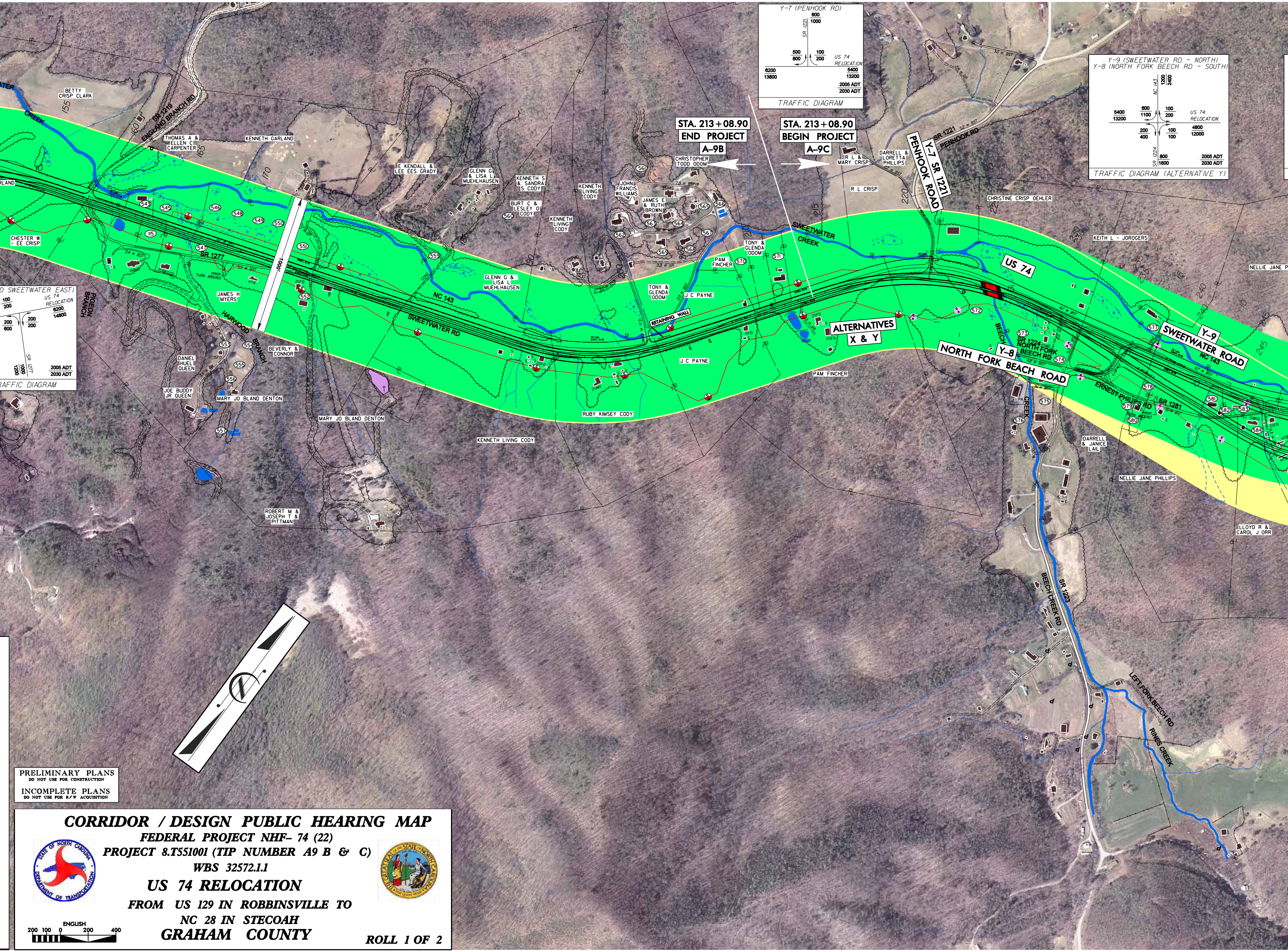
TYPICAL SECTION
(-L-LINE)

NOTE: FOR FILLS GREATER THAN 30 FT, SEE TYPICAL SECTION NO. 2


TO ROBBINSVILLE
OLD TALLULAH ROAD
Y-2A SR 1206
SR 1208
SR 129 FORT HILL ROAD
THOMAS E & KAYE S DAVIS
THOMAS E & KAYE S DAVIS
MARTHA KAY CRISP DAY
MARTHA KAY CRISP
DONNA HIGDON
HERVE & DIRK CODY
MARTHA KAY CRISP DAY
BRAD DAY
1000'
LITTLE FARM
BEGIN PROJECT A-9 (ALT Y-B)
POT STA. 43+61.80 US 74 (-L-) =
HERVE & CLAUDINE CODY
DAVID G CABLE
AMVETS POST # 775
HERVE & CLAUDINE CODY
MACEY PROPERTY MANAGEMENT INC
WILLIAM A SR & LINDA DITMORE
JOE B SR & EDNA MAE COLLINS
Y-2 SR 1206 OLD TALLULAH ROAD
SR 1260
WILLIAM GUY ROBERTS
JEFFREY C & TERESA L PHILLIPS
JEFFREY C & TERESA L PHILLIPS
Y-1 US 129
US 129
OLA BELLE BROOKS
Y-1 (US 129)
US 129
9400
9200
1000
1800
US 74 RELOCATION
3400
11800
200
300
2000
9400
9400
16800
2005 ADT
2030 ADT
TRAFFIC DIAGRAM
BEGIN PROJECT A-9 (ALT X-B)
POT STA. 10+00.00 US 74 (-L-) =
W T & AVIS PHILLIPS
SELMA WILLIAMS STRATTON
ALTERNATIVE X
US 74
RAY & MARY GREEN
ANTHONY & LINDA DITMORE
SR 1206 OLD TALLULAH RD.
ELDON LAMAR BROOKS
OLA BELLE BROOKS
JOHN & SUSIE GARLAND
WIGGINS MILL BRANCH
TED PHILLIPS
WIGGINS MILL BRANCH
5X5 RCBC
SR 1270
WILLIAM ANTHONY & LINDA DITMORE
JURA MAE JORDAN HEIRS
BULLSLINGER LLC
TED PHILLIPS
LONG BRANCH ROAD SR 1208
JAMES RICKY & LYNDA S ORR
CECIL RAY & MARY ELLEN GREEN
RAY & MARY ELLEN GREEN
JL JR GREEN RAY GREEN
TALLULAH CREEK
JOE E & ELIZABETH F WALDROUP
TED PHILLIPS
OW JR & MILDRED HOOPER
SR 1206 OLD TALLULAH RD
Y-2 (OLD TALLULAH RD)
SR 1206
800
1000
US 74 RELOCATION
3400
11800
400
7000
200
300
3400
11800
200
400
400
700
SR 1206
800
1000
2005 ADT
2030 ADT
TRAFFIC DIAGRAM
TO US 74


US 74
ALTERNATIVE X
ALTERNATIVE Y
ALTERNATIVES X & Y
Y-3 SR 1277 OLD SWEETWATER ROAD
Y-3A SR 1277 OLD SWEETWATER ROAD
Y-4 NC 143 SWEETWATER ROAD
Y-4A SR 1218 SLAYBACON ROAD
Y-5 SR 1277 OLD SWEETWATER ROAD
SWEETWATER RD
NC 143
SR 1218
SLAYBACON RD
SWEETWATER CREEK
SR 1277
OLD SWEETWATER ROAD
SR 1212
SR 1208
LONG BRANCH
LONG BRANCH RD
PROPOSED CHANNEL CHANGE
POTENTIAL WASTE AREA SITE U
PATTON PROPERTIES LLC
Y-4 (SWEETWATER RD)
NC 143
5400
7800
US 74 RELOCATION
4400
6000
6600
15400
1000
1800
100
200
3200
11200
2005 ADT
2030 ADT
TRAFFIC DIAGRAM
Y-3A (OLD SWEETWATER MID)
3200
11200
200
400
200
400
US 74 RELOCATION
SR 1277
400
800
2005 ADT
2030 ADT
TRAFFIC DIAGRAM
Y-3 (OLD SWEETWATER WEST)
SR 1277
400
800
200
400
200
400
US 74 RELOCATION
3200
11200
3400
11800
200
300
2005 ADT
2030 ADT
TRAFFIC DIAGRAM
Y-5 (OL
6800
15400
TR
RAMONA S SMITH
C PHILLIPS & JORDAN INVESTMENT
ERNEST STILES
ERNEST A STILES
MARSHALL & REBA MCCRACKEN
CODY VERLIS
JACK C STILES
HUELENA NICHOLS
FRANCES W FLOWERS
CHARLES & TWALLA STILES
MACK D & APRIL C TALLANT
MARTHA KAY CRISP DAY
RUTH MARIE CRISP
REX JAMES & JACQUELINE SMITH
J H & WILMA CRISP
CECIL & MABEL HOOPER
HUEL C & MARY J MILLSAPS
DARRELL R & LORETTA PHILLIPS
MATTHEW H NICHOLS
OLIVER JOE & CONNIE WILLIAMS
DAVID & KIMBERLY W MATHESON
FREEMAN PROPERTIES LLC
KENNETH J & CYNTHIA L COOK
DENNIS & LAVONNE SAWYER
RONNIE M & CATHY M SHULER
MACK D & APRIL C TALLANT
SCOTTIE RAY SAWYER
SHIRLEY SHULER MARVN CARPENTER
SHIRLEY S CARPENTER
SHIRLEY SHULER CARPENTER
GEOFFREY SCOTT ROBINSON
WILLIAM E & MARSHA BROWN
WILLIAM R JR & PATRICIA STILES
MACK D & APRIL C TALLANT
EUGENE & WILLENE MCMONIGLE
WALDROUP CONSTUCTION INC
ROBERT O & ROMA P BROOKS
ADAMS CONTRACTING CO
CHARLES & EDNA SHELNUTT
MIDWAY BAPTIST CHURCH
JACK LOVIN
PROPANE CHATTANOOGA ALL REGIONS
JEANNE CABLE PHILLIPS
LLOYD L & WILLA M MILLSAPS
DENNIS & KAREN WILSON
STEPHEN TRYSON STILES
ROGER & MELBA MILLSAPS
BRENDA K MILLSAPS
DARRELL & LORETTA PHILLIPS
THOMAS & FLORA WILSON
PATTON PROPERTIES LLC PATTON
JOHN BLUFORD ROGERS
JOHN W & RUBY E MILLER
BOBBY CAGLE
JOHN L & RHONDA SUZANN GARLAND
EDWARD & DOROTHY SELLERS
PATTON PROPERTIES LLC
KENNETH GAR
SWEETWATER CREEK
1000'

(84)	BOBBY ODOM
(85)	VERNON BURKE
(86)	CALVARY BAPTIST CHURCH
(105)	CARL UNDERWOOD
(115)	CARPENTER
(502)	RENEA PENDEGRAPH
(503)	BOBBY JACK & ZELDA ODOM
(500)	JIMMY & MELANIE H MORGAN
(501)	J C & ANN H PANGLE
(504)	TOMMY CARMAN ASHE
(505)	ROBERT SCOTT ALLEN
(506)	GEORGE & MARY ALLEN
(507)	HERVE & CLAUDINE CODY
(508)	HUBERT ANGEL JENKINS
(509)	JACKIE ADAMS
(510)	CECIL R & MARY E GREEN
(511)	RAY& JL JR GREEN
(512)	CECIL R & MARY ELLEN GREEN
(513)	REBA FAMILY LIMITED PTR JORDAN
(514)	JIMMY L TURPIN
(515)	ROBERT P COLVIN
(516)	HERVE CODY
(517)	LARRY QUEEN
(518)	TOMMY & LAVADA ANN QUEEN
(519)	TOMMY & LAVADA QUEEN
(520)	LARRY & CELIA QUEEN
(521)	JOE T & SHERRIKEY
(522)	CAIN & KRISTY JORDAN
(523)	MARVIN & EMMER SATTERFIELD
(524)	BRENDA ADAMS
(525)	ELDENA M KNOEDLER
(526)	WILLIAM E & MARSHA BROWN
(527)	SCOTTIE SAWYER
(528)	UNKNOWN
(529)	TAMMY P JENKINS
(530)	TAMMY P JENKINS
(531)	CECIL & MABEL HOOPER
(532)	BILLY K & RHONDA ANDERSON
(533)	CONTRACTING CO ADAMS
(534)	BAPTIST CHURCH MIDWAY
(535)	DARRELL & LORETTA PHILLIPS
(536)	THOMAS & FLORA WILSON
(537)	SCOTT & MELISSA BROOMS
(538)	JAMES L ORR
(539)	CHARLES K & NETTIE IWIGGINS
(540)	ALAN C & PEGGY CARVER
(541)	ORANGE PROPERTIES LLC BIG
(542)	PROPERTIES LLC PATTON
(543)	DWAYNE SELLERS
(544)	GEORGE & JOAN EES FALKNER
(545)	THOMAS & ELLEN CARPENTER
(546)	DAVID M EE DENTON
(547)	JAMES H MYERS
(548)	JAMES H MYERS
(549)	JAMES H MYERS
(550)	JAMES H MYERS
(551)	MARY JO BLAND DENTON
(552)	JAMES H 39481MYERS
(553)	DANIEL QUEEN
(554)	DANIEL HUEL QUEEN
(555)	BARRY LYNN QUEEN
(556)	BARRY & LORA QUEEN
(557)	BARRY LYNN QUEEN
(558)	LESTER E GROOMS
(559)	KENNETH S & SANDRA S CODY
(560)	KENNETH S & SANDRA S CODY
(561)	TONY & GLENDA ODOM
(562)	WILLIAM DONALD &BETTY HENDRICK
(563)	VIRGINIA GARLAND FORD
(564)	RANDY & MELISSA JORDAN
(565)	CHARLES STAFFORD
(566)	JUDY T & KENT L ORR
(567)	KENT & JUDY ORR
(568)	JANE BIRCHFIELD
(569)	WILLIAM D JR & ANN LAUGHTER
(570)	TONY & GLENDA ODOM
(571)	HOPE FOR FAMILIES
(572)	DELMAR & MARTHA HOLDER
(573)	CHRISTINE CRISP OEHLER
(574)	KEITH L - JOROGERS
(575)	GERALD DAVID ORR CONTRACTING
(576)	LESLIE DUNCAN
(577)	KEITH LAMAR ROGERS
(578)	FRANKIE CRISP
(579)	FRANKIE CRISP
(580)	UKNOWN
(581)	MAXINE CRISP
(582)	MAXINE CRISP
(583)	ERNEST & LUCILLE PHILLIPS
(584)	ERNEST & LUCILLE PHILLIPS
(585)	LLOYD SCOTT ORR
(586)	SCOTT ORR
(587)	HARRY L & RACHEL C CASE
(588)	MELBA EDWARDS
(589)	GERALD VANCE & FAYE JONES
(590)	BOBBY M & MELBA EDWARDS



Y-7 (PENHOOK RD)
SR 1221
600 / 1000
500 / 800
100 / 200
US 74 RELOCATION
6200 / 13800
5400 / 13200
2005 ADT / 2030 ADT
TRAFFIC DIAGRAM
Y-9 (SWEETWATER RD - NORTH)
Y-8 (NORTH FORK BEECH RD - SOUTH)
NC 143
1200 / 2400
600 / 1100
100 / 200
5400 / 13200
US 74 RELOCATION
200 / 400
100 / 100
4800 / 12000
SR 1224
800 / 1600
2005 ADT / 2030 ADT
TRAFFIC DIAGRAM (ALTERNATIVE Y)
D SWEETWATER EAST)
US 74 RELOCATION
100 / 200
6200 / 14800
200 / 600
200 / 200
SR 1277
1000 / 1200
2005 ADT / 2030 ADT
RAFFIC DIAGRAM
STA. 213+08.90
END PROJECT
A-9B
STA. 213+08.90
BEGIN PROJECT
A-9C
ALTERNATIVES
X & Y
US 74
Y-7 SR 1221
PENHOOK ROAD
SR 1221
PENHOOK RD
Y-9
SWEETWATER ROAD
NC 143
Y-8
NORTH FORK BEACH ROAD
SR 1224
NORTH FORK BEECH RD
ERNEST PHILIPS RD
SR 1281
SR 1223
BEECH CREEK RD
LEFT FORK BEECH RD
RINES CREEK
BEECH CREEK
SWEETWATER CREEK
SWEETWATER RD
NC 143
SR 1277
SR 1219
ENGLAND BRANCH RD
PIGEON BRANCH
HARWOOD BRANCH
CREEK
RETAINING WALL
BETTY CRISP CLARK
THOMAS A & ELLEN C CARPENTER
KENNETH GARLAND
E KENDALL & LEE EES GRADY
GLENN G & LISA L MUEHLHAUSEN
KENNETH S & SANDRA S CODY
BURT C & LESLEY O CODY
KENNETH LIVING CODY
JOHN FRANCIS WILLIAMS
JAMES E & RUTH BROWN
CHRISTOPHER TODD ODOM
R L & MARY CRISP
DARRELL & LORETTA PHILLIPS
R L CRISP
CHRISTINE CRISP OEHLER
KEITH L - JOROGERS
NELLIE JANE P
CHESTER W - EE CRISP
JAMES H MYERS
GLENN G & LISA L MUEHLHAUSEN
PAM FINCHER
TONY & GLENDA ODOM
J C PAYNE
TONY & GLENDA ODOM
BEVERLY & CONNOR
DANIEL HUEL QUEEN
JOE BUDDY JR QUEEN
MARY JO BLAND DENTON
MARY JO BLAND DENTON
J C PAYNE
PAM FINCHER
RUBY KIMSEY CODY
KENNETH LIVING CODY
ROBERT M & JOSEPH T & PITTMAN
DARRELL & JANICE LAIL
NELLIE JANE PHILLIPS
LLOYD R & CAROL J ORR

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

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PROJECT 8.T551001 (TIP NUMBER A9 B & C)
WBS 32572.1.1

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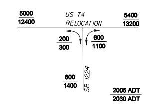
FROM US 129 IN ROBBINSVILLE TO
NC 28 IN STECOAH

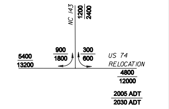
GRAHAM COUNTY

ENGLISH
200 100 0 200 400

ROLL 1 OF 2


Y-8 (NORTH FORK BEECH RD)
5000
12400
US 74
RELOCATION
5400
13200
200
300
600
1100
800
1400
SR 1224
2005 ADT
2030 ADT

TRAFFIC DIAGRAM (ALTERNATIVE X)


Y-9 (SWEETWATER RD)
NC 143
1200
2400
5400
13200
900
1800
300
600
US 74
RELOCATION
4800
12000
2005 ADT
2030 ADT

TRAFFIC DIAGRAM (ALTERNATIVE Y)

US 74 RELOCATION
A9 B & C

PRELIMINARY DESIGN
ALTERNATIVES X & Y
GRAHAM COUNTY

ENGLISH
200 100 0 200 400

DESIGN DATA

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LEGEND

▬	BUILDINGS
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—Ⓒ—	PROPOSED PARTIAL CONTROL OF ACCESS
—Ⓒ—	PROPOSED LIMITED CONTROL OF ACCESS
WLB	WETLAND LIMITS BOUNDARY
▨	HISTORIC PROPERTY
🟩	ALTERNATIVE X
🟨	ALTERNATIVE Y
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▨	EXISTING STRUCTURES, ISLAND, ISLAND, CURB AND GUTTER TO BE RETAINED
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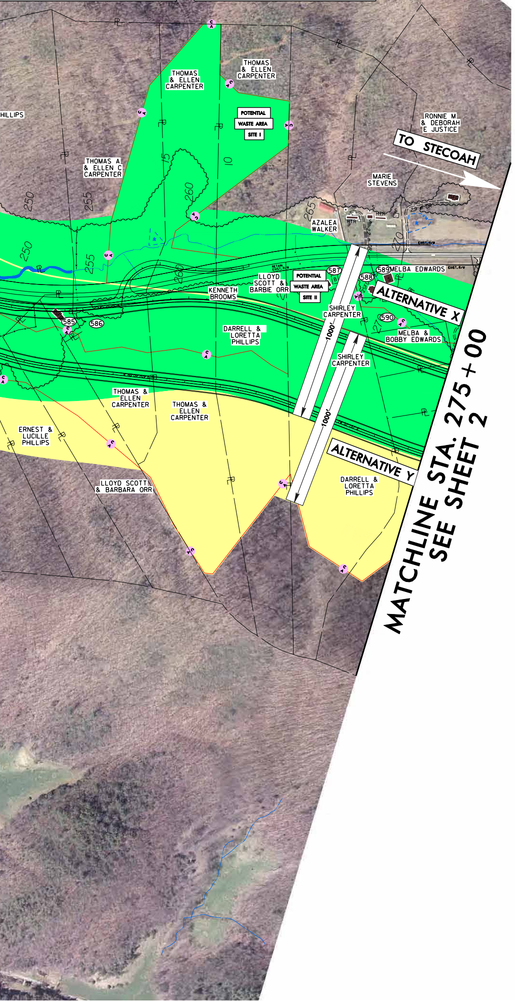
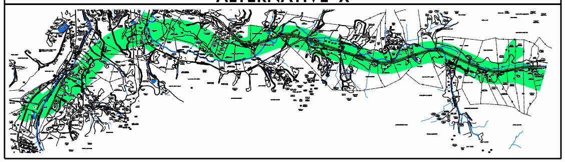
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

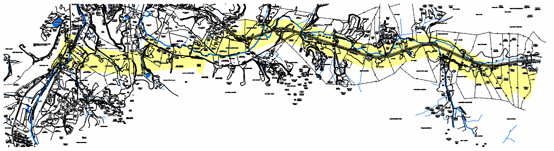
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

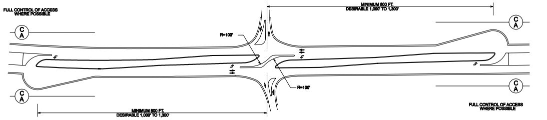

THOMAS
& ELLEN
CARPENTER
THOMAS
& ELLEN
CARPENTER
POTENTIAL
WASTE AREA
SITE I
RONNIE M
& DEBORAH
E JUSTICE
TO STECOAH
HILLIPS
THOMAS A
& ELLEN C
CARPENTER
MARIE
STEVENS
250
255
260
265
250
255
AZALEA
WALKER
LLOYD
SCOTT &
BARBIE ORR
POTENTIAL
WASTE AREA
SITE II
KENNETH
BROOMS
587
588
589
MELBA EDWARDS
ALTERNATIVE X
SHIRLEY
CARPENTER
590
585
586
DARRELL &
LORETTA
PHILLIPS
MELBA &
BOBBY EDWARDS
SHIRLEY
CARPENTER
1000'
1000'
THOMAS &
ELLEN
CARPENTER
THOMAS &
ELLEN
CARPENTER
ERNEST &
LUCILLE
PHILLIPS
ALTERNATIVE Y
DARRELL &
LORETTA
PHILLIPS
LLOYD SCOTT
& BARBARA ORR
MATCHLINE STA. 275+00
SEE SHEET 2

ALTERNATIVE X



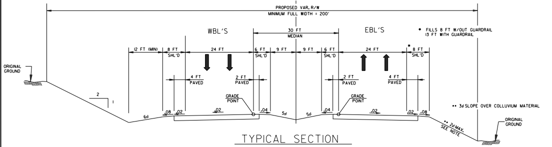
ALTERNATIVE Y




FULL CONTROL OF ACCESS
WHERE POSSIBLE
C
A
R=100'
MINIMUM 800 FT.
DESIRABLE 1,000' TO 1,300'
R=100'
MINIMUM 800 FT.
DESIRABLE 1,000' TO 1,300'
FULL CONTROL OF ACCESS
WHERE POSSIBLE

DIRECTIONAL CROSSOVER WITH MEDIAN U-TURNS

POTENTIALLY TO BE USED AT ALL INTERSECTIONS
U-TURN KNUCKLES NOT TO BE PLACED IN WETLANDS OR RIGHT OF WAY SENSITIVE AREAS


℄
PROPOSED VAR. R/W
MINIMUM FULL WIDTH = 200'
WBL'S
30 FT
MEDIAN
EBL'S
• FILLS 8 FT W/OUT GUARDRAIL
13 FT WITH GUARDRAIL
12 FT (MIN)
8 FT
SHL'D
24 FT
6 FT
SHL'D
9 FT
9 FT
6 FT
SHL'D
24 FT
8 FT
SHL'D
ORIGINAL
GROUND
4 FT
PAVED
2 FT
PAVED
2 FT
PAVED
4 FT
PAVED
2
1
GRADE
POINT
GRADE
POINT
•• 3:1 SLOPE OVER COLLUVIUM MATERIAL
6:1
.08
.02
.02
.04
5:1
5:1
.04
.02
.02
.08
•• 2:1 MAX.
SEE NOTE
ORIGINAL
GROUND

TYPICAL SECTION
(-L-LINE)

NOTE: FOR FILLS GREATER THAN 30 FT,
SEE TYPICAL SECTION NO. 2

CORRIDOR / DESIGN PUBLIC HEARING MAP

FEDERAL PROJECT NHF- 74 (22)
PROJECT 8.T551001 (TIP NUMBER A9 B & C)
WBS 32572.1.1

US 74 RELOCATION

FROM US 129 IN ROBBINSVILLE TO
NC 28 IN STECOAH

GRAHAM COUNTY

ROLL 1 OF 2