COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
CLAYTON	CSNHS-M000-00(331)	14	92

LIMIT OF CONSTRUCTION
RAMP C
STA 52+25.00

END "T" BEAM GUARDRAIL
TIE TO EXISTING
GUARDRAIL
STA 51+93.50 LT

END C & G
STA 51+60.00
26.00 LT

STA 51+50.58
26.00' LT

STA 51+05.89
73.10' LT

STA 51+04.35
71.31' LT

END BRIDGE JACKING *
BEGIN OVERLAY
REPLACEMENT STA 31+38.65

RECONSTRUCT
APPROACH SLAB
GA STD 9017 K

BEGIN SIDEWALK
STA 31+50.70
54.90' LT

BEGIN C & G
STA 31+82.74
48.00' LT

2 TYPE I
ANCHORS

BEGIN "T" BEAM GUARDRAIL
STA 31+50.39 LT

BOTTOM BEAM
944.1'

R=50'

R=25'

52+00

51+00

31+00

32+00

33+00

30+50

N- 1315757.0068
E- 2213824.7431
MATCH LINE STA 30+50

S 1°11'54" W

END SIDEWALK
STA 32+18.57
57.50' LT

WHEELCHAIR RAMP
TYPE D

STA 32+96.20
12.00' LT

STA 32+01.58
48.00' LT

STA 32+96.20
12.00' RT

BEGIN MEDIAN REPLACEMENT
STA 32+84.00

BEGIN "W" BEAM GUARDRAIL
TIE TO EXISTING
GUARDRAIL
STA 52+00.00 LT

℄ RAMP C N 62°02'31" E

BEGIN C & G, TIE TO EXIST
STA 51+15.00
4.00' RT

STA 51+13.45
4.00' RT

1 TYPE I
ANCHOR

WHEELCHAIR RAMP
TYPE B

STA 33+30.91
60.00' LT

END "W" BEAM GUARDRAIL
INSTALL TYPE 12 ANCHORAGE
STA 33+38.50 LT

ADJUST CATCH BASIN TO GRADE
GA STA 1033D
STA 33+48.66

R=80'

D1

BEGIN SIDEWALK
STA 32+96.56
70.00' LT

STA 33+12.83 SR 139=
STA 50+00.00 RAMP C

48'

34+00

35+00

36+00

END C & G, TIE TO EXISTING
STA 34+00.00
60.00' LT

END OVERLAY, MEDIAN AND
CURB & GUTTER REPLACEMENT
STA 34+00.00

END OVERLAY, MEDIAN AND
CURB & GUTTER REPLACEMENT
STA 34+00.00

END SIDEWALK
TIE TO EXISTING
STA 34+43.62

EXISTING R/W

END PROJECT CSNHS-M000-00(331)
END CONSTRUCTION SR 139
STA 34+43.62
N=1315363.4703
E=2213816.7847

CURVE 2

*OVERLAY TO BE REMOVED AFTER BRIDGE
IS JACKED TO FINAL POSITION
STA 31+38.65 TO 32+00.00
RECONSTRUCT APPROACH SLAB
STA 31+70.00 TO 32+00.00
REPLACE BRIDGE DECK
STA 31+38.65 TO 31+70.00

CURVE 2
△ = 28°41'32" (LT)
D = 4°07'19"
T = 355.50
L = 696.07
SE = 4.72%
R = 1390.00
PI STA = 37+71.52
PI X = 2213809.6530
PI Y = 1315035.6440

CONSTRUCTION ℄ SR 139
RIVERDALE ROAD

60°50'37"
R=12'

C2

71°20'17"

PC 34+16.03
SR 139

STA 32+67.34
48.00' RT

WHEELCHAIR
RAMP
TYPE D

END SIDEWALK
STA 32+79.11
57.50' RT

C1

R=15'

65+00

STA 32+66.11 SR 139=
STA 65+73.13 RAMP D

N 72°32'11" E

END BRIDGE
STA 31+70.00

BEGIN SIDEWALK
STA 31+89.48
55.65' RT

BEGIN C & G
STA 32+16.48
48.00' RT

ADJUST MANHOLE TO GRADE
GA STA 1011 A
STA 32+27.18

STA 32+81.55
58.20' RT

PT 64+57.37

℄ RAMP D

CURVE 4

Curve 4
△ = 18°04'10" (LT)
D = 3°56'46"
T = 230.88
L = 457.92
SE = MATCH EXISTING
R = 1452.00
PI STA = 62+30.33
PI X = 2213489.5578
PI Y = 1315436.9177

END C & G
STA 64+20.00
4.00' LT

EXISTING R/W

STA 33+40.92
12.58' RT

ADJUST CATCH BASIN TO GRADE
GA STA 1033D
STA 32+96.76

CURB CUT (WHEELCHAIR RAMP)
GA DETAIL *A-3

RETAIN RAISED MEDIAN
CUT RAISED MEDIAN TO PROVIDE
CUT THROUGH FOR ADA.
REPLACE WITH 4" SIDEWALK
FLUSH WITH PAVEMENT

LIMIT OF CONSTRUCTION
RAMP D
STA 64+20.00

SUPERELEVATION RATE TABLE (FT/FT)

RAMP C			
STATION	TYPE	LEFT	RIGHT
50+00.00	Match Existing	-0.025274	0.025274
52+25.00	Match Existing	0.020000	-0.020000
RAMP D			
STATION	TYPE	LEFT	RIGHT
65+73.13	Match Existing	-0.025274	0.025274
64+20.00	Match Existing	-0.020000	0.020000

SUPERELEVATION RATE TABLE (FT/FT)

SR 139 RIVERDALE ROAD			
STATION	TYPE	LEFT	RIGHT
26+50.00	Match Existing	-0.014000	-0.014000
27+00.00	Match Existing	-0.014000	-0.014000
28+16.00	Match Existing	-0.015600	-0.010000
28+47.31	Match Existing	-0.015600	-0.015600
30+70.47	Match Existing	-0.015600	-0.015600
31+70.00	Match Existing	-0.015600	0.001000
34+00.00	Match Existing	-0.030000	0.034000
34+50.00	Match Existing	-0.030000	0.034000

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

HORIZ. DATUM: NAD 1983, VERT. DATUM: NAVD 1988

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OPERATIONS DIVISION-OFFICE OF MAINTENANCE

CONSTRUCTION PLANS

DISTRICT 7 BRIDGE JACKING
SR-139 (RIVERDALE RD) OVER I-285

DRAWING No. 13-02