ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #0012601
Cherokee County
GDOT District 6 - Cartersville
Bike/Ped Facilities - CR1874/Canton Rd from Cobb County Line to CR585/Stockwood Dr

OFFICE Design Policy & Support

DATE 8/26/2016

FROM for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT **APPROVED LOCATION & DESIGN REPORT**

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

DISTRIBUTION:

Hiral Patel, Director of Engineering
Joe Carpenter, Director of P3/Program Delivery
Genetha Rice-Singleton, Assistant Director of P3/Program Delivery
Albert Shelby, State Program Delivery Engineer
Darryl VanMeter, State Innovative Delivery Engineer
Bobby Hilliard, Program Control Administrator
Cindy VanDyke, State Transportation Planning Administrator
Eric Duff, State Environmental Administrator
Bill DuVall, State Bridge Engineer
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Richard Cobb, Location Bureau Chief
DeWayne Comer, District Engineer
David Acree, District Preconstruction Engineer
Chérie Marsh, District Planning & Programming Engineer
Keith Day, Area Engineer - D6, A1
Cedric Clark, Project Manager
BOARD MEMBER - 11th Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTEROFFICE CORRESPONDENCE
LOCATION AND DESIGN REPORT

FILE 0012601 **OFFICE** Program Delivery

Cherokee **DATE** July 27, 2016
Sidewalk improvements CR 1874/Canton Road from Cobb County line to CR 585/Stockwood Drive.

FROM Albert Shelby Albert Shelby

TO Brent Story/ Attn: Dave Peters

SUBJECT **Request for Location and Design Approval**

Description and Project Proposal: The proposed project would construct a 6-foot wide sidewalk on the west side of Main Street (Woodstock) also known as CR 1874/Canton Road from the Cobb County Line (end of an existing sidewalk) to Stockwood Drive, a distance of 0.5 miles. There are two sections of sidewalk that already exist, totaling 820 feet (0.15 miles). These sections of sidewalk will be upgraded if necessary to meet Georgia Department of Transportation (GDOT) standards. **Approved border areas are proposed as 10 ft. to 12.5 ft. wide.** CDC

Concept Approval Date: August 5, 2015

Concept Update: ~~No Concept Report update is required at this time.~~ CDC

Border areas widths are being updated to range from 10 ft. to 34 ft. widths to accommodate new guardrail and walls needed to avoid impacting existing slopes, increasing proposed right-of-way, and disturbing an existing drainage culvert. Please see the attached typical sections.

Environmental Document:
Document Type: Categorical Exclusion Approval Date: June 14, 2016

Public Involvement:

- No Public Hearing Open House was held.
- No Public Information Open House was held.

Consistency with Approved Planning: The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendations: Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

Concur: _____
GDOT Director of Engineering

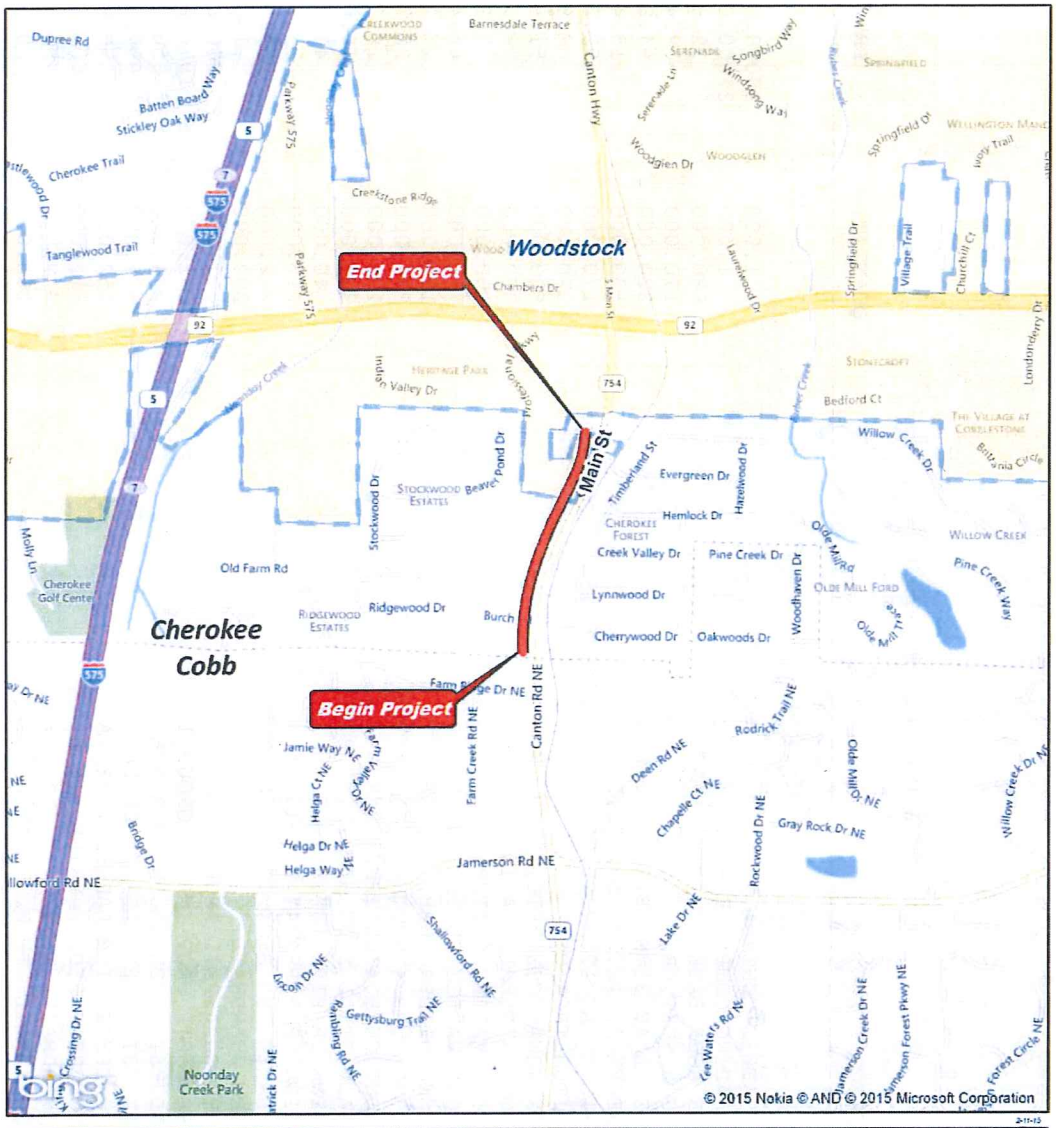
Approve: Margaret B. Pulle _____ 8.23.16 _____
GDOT Chief Engineer Date

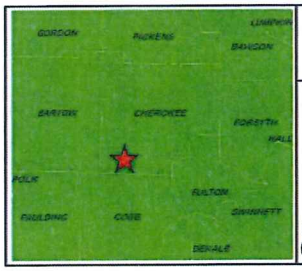
DATE OF LOCATION AND DESIGN APPROVAL: August 26, 2016
(To be entered by State Conceptual Design Group Manager)

Attachments:

- Sketch Map
- Construction Cost Estimate
- Right of Way and Utility Relocation estimate
- Typical Sections
- Notice of Location and Design Approval

PROJECT LOCATION





Project Location Map

Project Area

0 1,500 3,000 Feet

Sidewalk
Main Street (Woodstock)
CR 1874/Canton Road
From Cobb County Line to
Stockwood Drive

P.I. No. 0012601
Cherokee County, GA

N

STATE HIGHWAY AGENCY

DATE : 01/08/2016
PAGE : 1

JOB ESTIMATE REPORT

JOB NUMBER : CHER-DES01 SPEC YEAR: 01
DESCRIPTION: CANTON ROAD
PI #0012601

ITEMS FOR JOB CHER-DES01

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
ROADWAY ITEMS							
0005	150-1000		LS	TRAFFIC CONTROL - .	1.000	20000.00	20000.00
0010	210-0100		LS	GRADING COMPLETE - .	1.000	25000.00	25000.00
0015	310-1101		TN	GR AGGR BASE CRS, INCL MATL	880.000	32.95	28997.65
0020	318-3000		TN	AGGR SURF CRS	170.000	32.44	5516.41
0025	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	220.000	94.88	20875.65
0030	402-3130		TN	RECYL AC 12.5MM SP,GP2,BM&HL	130.000	115.43	15007.00
0035	402-3190		TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	170.000	92.52	15730.04
0040	413-1000		GL	BITUM TACK COAT	270.000	2.99	809.68
0045	441-0018		SY	DRIVEWAY CONCRETE, 8 IN TK	620.000	51.99	32234.56
0050	441-0104		SY	CONC SIDEWALK, 4 IN	1300.000	38.86	50522.63
0055	441-4020		SY	CONC VALLEY GUTTER, 6 IN	100.000	40.96	4096.66
0060	441-4030		SY	CONC VALLEY GUTTER, 8 IN	770.000	46.41	35735.74
0065	441-5002		LF	CONC HEADER CURB, 6", TP 2	153.000	26.26	4018.59
0070	441-6012		LF	CONC CURB & GUTTER/ 6"X24"TP2	271.000	25.00	6775.00
0075	441-6222		LF	CONC CURB & GUTTER/ 8"X30"TP2	1106.000	26.34	29141.18
0080	515-2020		LF	GALV STEEL PIPE HDRAIL,2",ROUD	313.000	60.00	18780.00
0085	550-2180		LF	SIDE DR PIPE 18",H 1-10	40.000	41.87	1675.11
0090	550-2240		LF	SIDE DR PIPE 24",H 1-10	16.000	32.97	527.60
0095	550-4118		EA	FLARED END SECT 18 IN, SIDE DR	2.000	505.49	1010.98
0099	610-1055		LF	REM GUARDRAIL	209.000	1.92	401.63
0100	610-1075		EA	REM GUARDRAIL ANCH, ALL TYPES	2.000	300.00	600.00
0105	611-3010		EA	RECONSTR DROP INLET, GROUP 1	2.000	1976.55	3953.10
0110	611-8000		EA	ADJUST CATCH BASIN TO GRADE	4.000	950.00	3800.00
0120	611-8040		EA	ADJUST DROP INLET TO GRADE	5.000	950.00	4750.00
0125	621-4021		LF	CONCRETE SIDE BARRIER, TY 2A	252.000	575.00	144900.00
0130	621-4060		LF	CONCRETE SIDE BARRIER, TY 6	313.000	600.00	187800.00
0135	641-1100		LF	GUARDRAIL, TP T	9.000	85.22	767.04
0140	641-1200		LF	GUARDRAIL, TP W	196.000	20.50	4018.36
0145	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1	1.000	956.83	956.84
0150	643-8200		LF	BARRIER FENCE (ORANGE), 4 FT	150.000	1.68	253.29
0155	668-2100		EA	DROP INLET, GP 1	2.000	2410.60	4821.21

ITEMS FOR JOB CHER-DES01

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
PERMANENT EROSION CONTROL ITEMS							
0160	603-2181		SY	STN DUMPED RIP RAP, TP 3, 18"	9.000	79.14	712.28
0165	603-7000		SY	PLASTIC FILTER FABRIC	9.000	6.58	59.25
0170	700-6910		AC	PERMANENT GRASSING	2.000	1279.75	2559.52
0175	700-7000		TN	AGRICULTURAL LIME	6.000	115.78	694.74
0180	700-8000		TN	FERTILIZER MIXED GRADE	2.000	615.35	1230.71
0185	700-8100		LB	FERTILIZER NITROGEN CONTENT	100.000	8.43	843.44
0190	716-2000		SY	EROSION CONTROL MATS, SLOPES	1000.000	1.51	1518.00
TEMPORARY EROSION CONTROL ITEMS							
0195	163-0232		AC	TEMPORARY GRASSING	1.000	384.51	384.52
0200	163-0240		TN	MULCH	40.000	226.93	9077.54
0205	163-0503		EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 3	1.000	526.59	526.59
0210	163-0529		LF	CNST/REM TEMP SED BAR OR BLD STRW CK DM	260.000	3.51	913.52
0215	163-0550		EA	CONS & REM INLET SEDIMENT TRAP	20.000	186.89	3737.84
0220	165-0030		LF	MAINT OF TEMP SILT FENCE, TP C	800.000	0.53	427.88
0225	165-0071		LF	MAINT OF SEDIMENT BARRIER - BALED STRAW	130.000	0.46	60.86
0230	165-0087		EA	MAINT OF SILT CONTROL GATE, TP 3	1.000	175.63	175.63
0235	165-0105		EA	MAINT OF INLET SEDIMENT TRAP	20.000	43.85	877.14
0240	167-1000		EA	WATER QUALITY MONITORING AND SAMPLING	4.000	367.83	1471.33
0245	167-1500		MO	WATER QUALITY INSPECTIONS	9.000	1013.50	9121.56
0250	171-0030		LF	TEMPORARY SILT FENCE, TYPE C	1600.000	3.26	5220.26
SIGNING & MARKING ITEMS							
0255	636-1033		SF	HWY SIGNS, TP1MAT,REFL SH TP 9	11.000	16.97	186.67
0260	636-2070		LF	GALV STEEL POSTS, TP 7	26.000	10.74	279.48
0265	652-5451		LF	SOLID TRAF STRIPE, 5 IN, WHITE	440.000	0.63	278.66
0270	653-1502		LF	THERMO SOLID TRAF ST, 5 IN YEL	140.000	1.03	144.88
0275	653-1804		LF	THERM SOLID TRAF STRIPE, 8",WH	1340.000	2.15	2888.99

ITEM TOTAL	716867.22
INFLATED ITEM TOTAL	716867.24

TOTALS FOR JOB CHER-DES01

ESTIMATED COST:	716867.24
CONTINGENCY PERCENT (0.0):	0.00
ESTIMATED TOTAL:	716867.24

Cherokee County Government
Capital Program Management
1130 Bluffs Parkway
Canton, GA 30114
678-493-6077
Fax 678-493-6088

July 1, 2015

Mr. Kevin Bailey, Project Manager
Georgia Department of Transportation
600 West Peachtree Street NW
25th Floor
Atlanta, Georgia 30308

RE: Canton Road Sidewalk Project
PI No. 0012601-Cherokee County
Right of Way and Utility Estimates

Dear Mr. Bailey:

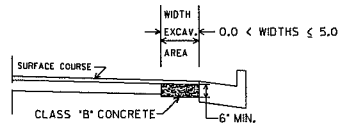
It is the understanding of Cherokee County that preliminary right-of-way estimates and utility relocation estimates have been prepared for the referenced project. The estimate for right-of-way is $131,200.00 and the estimate for utility relocations is $75,000.00.

If you require additional information, please do not hesitate to contact us at 679-493-6077.

Sincerely,

Geoffrey E. Morton, P.E.
County Engineer

Cc: Tommie Gray
Ken Timpson, P.E., MAAI



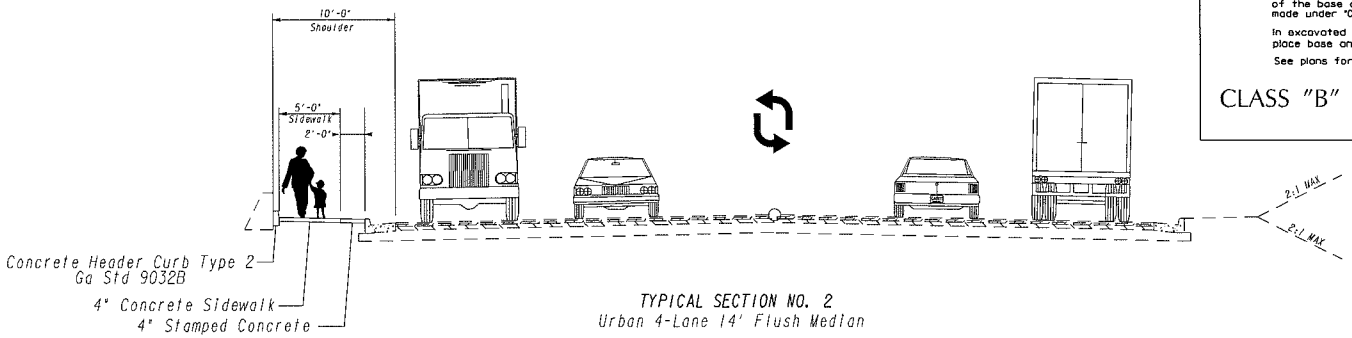
NO SCALE
CLASS "B" CONCRETE BASE OR PAVEMENT WIDENING
Item Code 500-9999 - Cu. Yds.

In excavated areas between the existing paving and new curb and gutter that are 5'-0" or less in width, Class "B" concrete shall be placed in lieu of the base and paving specified by the typical section. Payment will be made under "Class B Concrete Base and Pavement Widening".

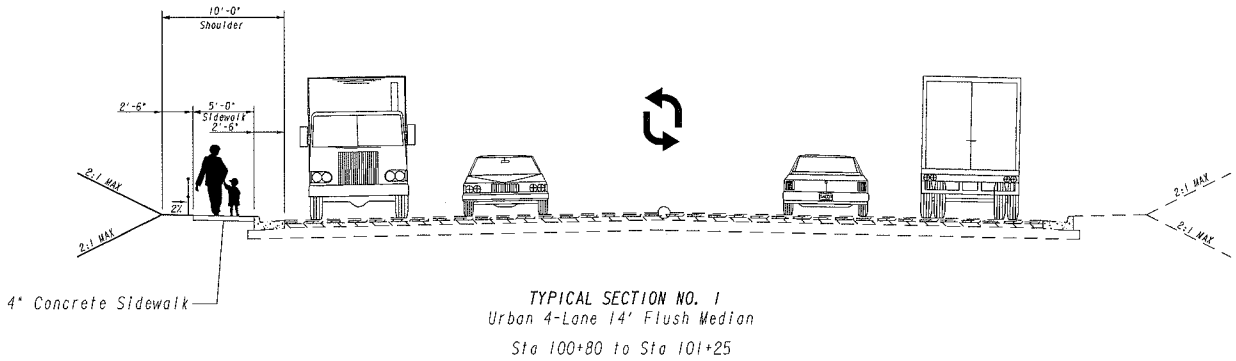
In excavated areas greater than 5'-0" in width, the Contractor shall place base and paving as specified on the typical section.

See plans for details of curb and gutter construction.

CLASS "B" CONCRETE BASE OR WIDENING DETAIL



TYPICAL SECTION NO. 2
Urban 4-Lane 14' Flush Median
Sta 101+25 to Sta 102+10



TYPICAL SECTION NO. 1
Urban 4-Lane 14' Flush Median
Sta 100+80 to Sta 101+25

MORELAND ALTOBELLI ASSOCIATES, INC.
2450 Commerce Avenue, Suite 100
Duluth, Georgia 30096-8910
(770) 263-5945

SCALE IN FEET
0 5 10 20

REVISION DATES

TYPICAL SECTIONS

CANTON ROAD SIDEWALK

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 05-0001

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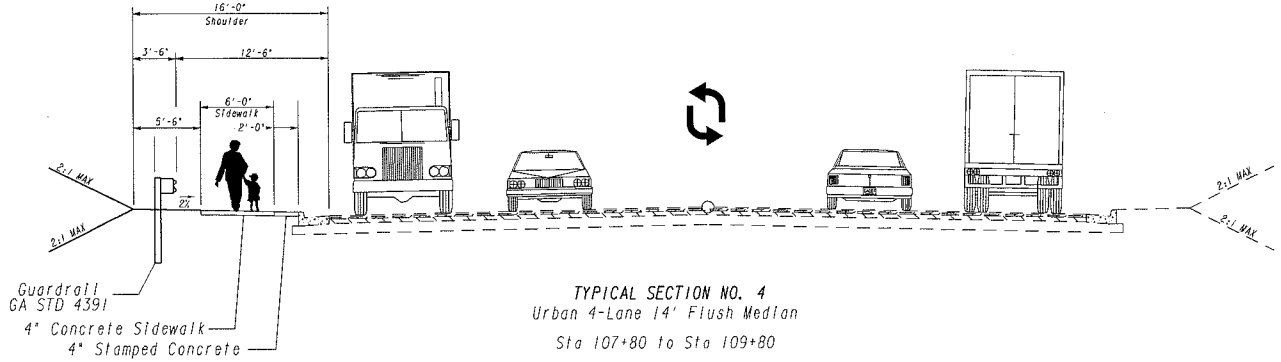
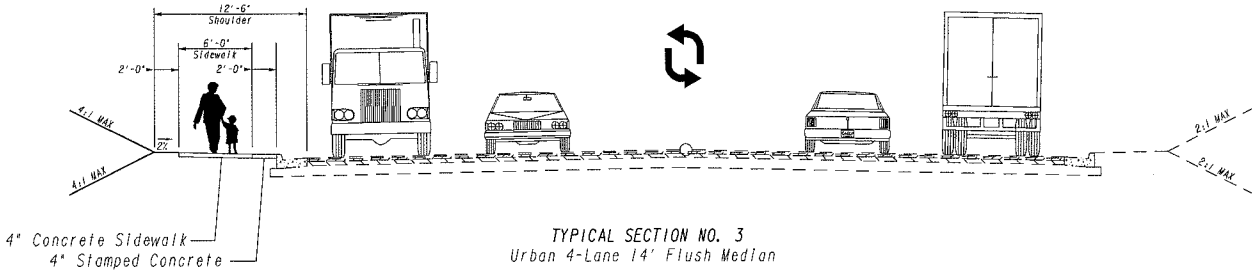
GDOT P.I. No. 0012601



TYPICAL SECTION NO. 4
Urban 4-Lane 14' Flush Median

Sta 107+80 to Sta 109+80



TYPICAL SECTION NO. 3
Urban 4-Lane 14' Flush Median

Sta 102+10 to Sta 107+80
Sta 111+70 to Sta 112+20
Sta 112+80 to Sta 118+80
Sta 121+93.17 to Sta 128+08

MA MORELAND ALTOBELLI ASSOCIATES, INC.
2450 Commerce Avenue, Suite 100
Duluth, Georgia 30096-8910
(770) 263-5945

SCALE IN FEET
0 5 10 20

REVISION DATES

TYPICAL SECTIONS

CANTON ROAD SIDEWALK

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CONNECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 05-0002

7/31/2015 GPLN

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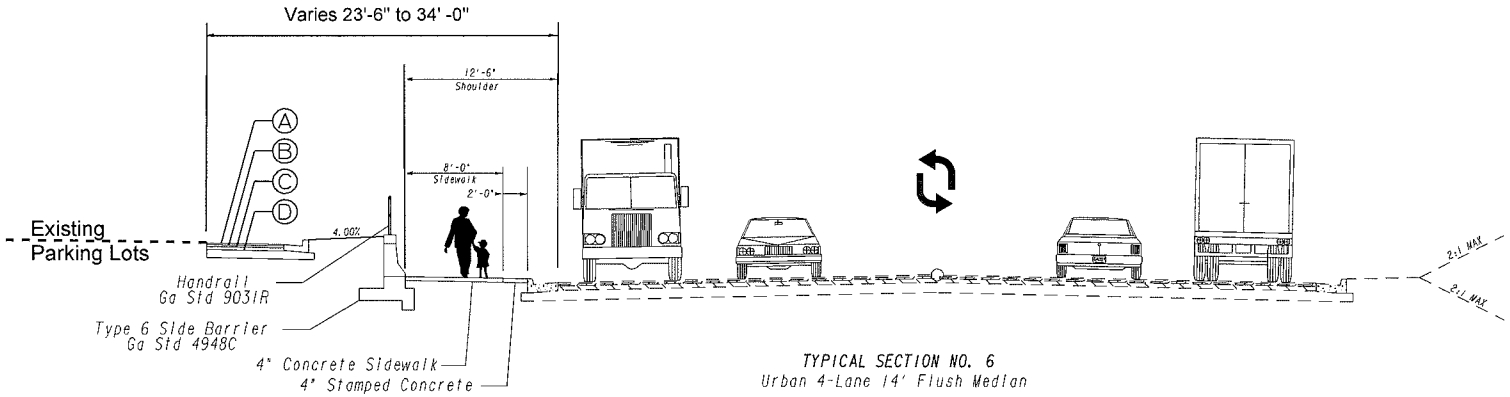
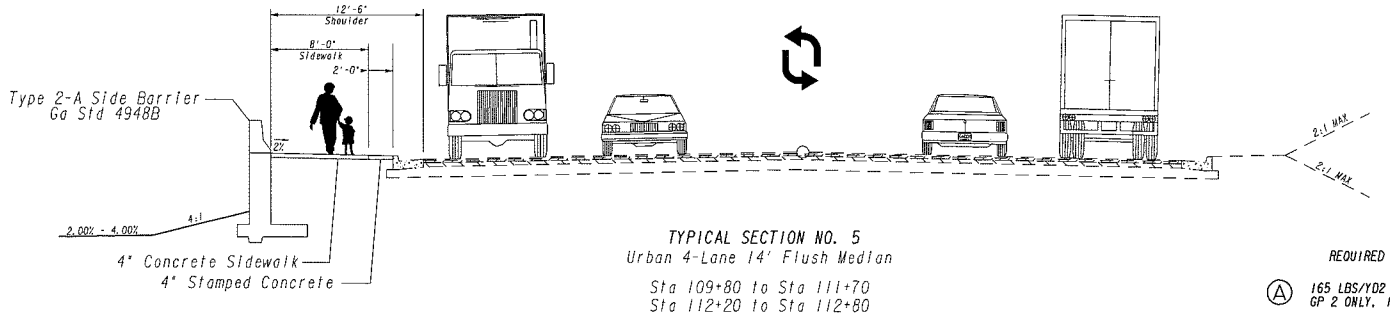


TYPICAL SECTION NO. 6
Urban 4-Lane 14' Flush Median
Sta 118+80 to Sta 121+93.17



TYPICAL SECTION NO. 5
Urban 4-Lane 14' Flush Median
Sta 109+80 to Sta 111+70
Sta 112+20 to Sta 112+80

REQUIRED PAVEMENT FOR PARKING LOT:

- (A) 165 LBS/YD2 RECYCLED ASPHALTIC CONCRETE 12.5MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME
- (B) 220 LBS/YD2 RECYCLED ASPHALTIC CONCRETE 19MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- (C) 330 LBS/YD2 RECYCLED ASPHALTIC CONCRETE 25MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- (D) 8" GRADED AGGREGATE BASE

MORELAND ALTOBELLI ASSOCIATES, INC.
2450 Commerce Avenue, Suite 100
Duluth, Georgia 30096-8910
(770) 263-5945

SCALE IN FEET
0 5 10 20

REVISION DATES

TYPICAL SECTIONS

CANTON ROAD SIDEWALK

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	05-0003
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 GPLN

NOTICE OF LOCATION AND DESIGN APPROVAL

CHEROKEE COUNTY

P.I. No. 0012601

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location and design approval is: August 26, 2016

Project 0012601 is located entirely within Cherokee County, Georgia in Land District 15. The project consists of sidewalk and shoulder construction along Main Street/Canton Road/C.R. 1874 from the Cobb County line to CR 585/Stockwood Drive. The estimated length of this project is approximately 0.5 miles.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Cherokee County Public Works office:

Mr. Geoff Morton, PE
Public Works Agency Director
Cherokee County
gmorton@cherokeega.com
1130 Bluffs Parkway
Canton, Georgia 30114
678-493-6077

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Albert V. Shelby
Office of Program Delivery
Attn: *Cedric D. Clark*
cclark@dot.ga.gov
600 West Peachtree, Suite 610
Atlanta, Georgia 30308
770-312-6551

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.