

ADDENDUM NUMBER 1
ATLANTA ST AT SOUTH MARIETTA PKWY
INTERSECTION IMPROVEMENTS
PROJECT NUMBER 12081
PI NUMBER 0012606
Issue date: August 18, 2016

Note: Sealed bids will be received by the City of Marietta until 10:00am on Wednesday, August 24th. When submitting bid, utilize updated unit price sheet included in addendum. Acknowledgement of Addendum #1 is required in bid submittal.

Answers to Questions submitted:

1. In the plans on sheet #60 the following pay items are listed for the traffic signal:

636-1033 Highway Signs, Tp 1, Tp 9 – 14 SF

THIS HAS BEEN ADDED

639-4004 Strain Pole, Tp IV – 4 Each

THIS HAS BEEN ADDED

647-1000 Traffic Signal Installation No 1 – 1 Lump Sum

935-8000 Testing – 1 Lump Sum

THIS ITEM IS TO BE INCLUDED IN THE OVERALL BID PRICE FOR TRAFFIC SIGNAL INSTALLATION NO. 1 AND HAS BEEN REMOVED FROM THE ITEM LIST

2. The only pay item listed on the bid form is the Traffic Signal Lump Sum. Will the City please add the other items to the bid form?

TRAFFIC SIGNAL AND ALL APPURTENANCES WILL BE PAID AS 1 LUMP SUM. THIS QUANTITY SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, INCLUDING TESTING REQUIRED TO CONSTRUCT THE SYSTEM.

3. In the plans on sheet #12 there is a box that references 1,133 LF of Curb & Gutter that shall be removed. There is also a box referencing 102.8 LF of Storm Drain Pipes that shall be removed. There is a pay item established for the curb & gutter removal, but not one for the storm drain removal. Will the City please add this item to the bid form?

THIS ITEM HAS BEEN ADDED

4. There is a pay item 163-0550 Construct & Remove Inlet Sediment Traps and pay item 171-0030 Temporary Silt Fence, Type C. There is not a pay item established for any maintenance of these items. Will the City please add a pay item for maintenance of these two items?

THESE ITEMS SHALL BE INCLUDED IN THE 163-0001 EROSION CONTROL LUMP SUM AND NO ADDITIONAL PAYMENT SHALL BE MADE.

5. Plan sheet #30 shows a callout stating “End Curb and Gutter at Sta 49+75.69, 69.11 LT”. This contradicts a note that reads “Existing Curb and Gutter to Remain”. The typical section for this station range also shows the existing C&G to remain here. Would the City please define which is correct?

CURB AND GUTTER BEGINNING CALLOUT HAS BEEN ADDED TO THE PLANS

6. Typical section #10 shows the existing 4' corrugated concrete island being replaced with 8x30" Type 2 C&G and then overlaid with 12.5mm asphalt. We believe the wrong legend was applied in this section as it should be either full depth or class B concrete. Would the City please review this typical section?

THIS HAS BEEN CORRECTED, CURB AND GUTTER HAS BEEN REMOVED AND QUANTITIES FOR PAVING HAVE BEEN ADDED.

7. Plan sheet #30 calls for Stamped Colored Concrete on the medians. There are pay items for brick pavers, 4" concrete sidewalks, and 8" concrete sidewalks. Will the City please define which item the Stamped Colored Concrete will be paid under?

THE CONCRETE IS COVERED UNDER 8" SIDEWALK CONCRETE

8. In the plans on drawing 32-004 the following pay items are listed for the retaining walls:

441-0204 Plain Concrete Ditch Paving, 4 IN – 228 SY

500-3107 Class A Concrete, Retaining Wall – 818 CY

511-1000 Bar Reinf Steel – 110,379 LB

530-0105 Waterproofing – 55 SY

None of these items are listed on the bid form. Will the City please add these pay items to the bid form?

ALL WALL QUANTITIES HAVE BEEN ADDED

9. In the plans on drawing 32-004 it shows a combined quantity of 7,166 SF for Stone Facing Granite on walls #1 & 2. The pay item in the bid form shows 4,380 SF. Will the City please look at this item and revise if needed?

THIS ITEM HAS BEEN CORRECTED

10. General note #24 in the plans states that any required shoring shall be included in grading complete? Yet, there is a pay item for shoring. Will the City please define where the shoring will be paid?

THIS ITEM AND NOTE HAS BEEN REMOVED AND WILL BE INCLUDED IN GRADING COMPLETE

11. In the proposal on the bid form the line #'s stop after 0235. Would the City please add the remainder of the item #'s?

THE LINE #'S HAVE BEEN ADDED

12. How thick is the 8' wide solid white crosswalk striping?

THE CROSSWALK STRIPING IS 8 INCHES – SEE GDOT DETAIL T-11A

13. How much are the liquidated damages per calendar day?

DAMAGES WILL ACCRUE AT \$1,000 PER DAY FOR EVERY CALENDAR DAY BEYOND THE SPECIFIED 270 CALENDAR DAYS UNLESS OTHERWISE AUTHORIZED BY THE CITY OF MARIETTA.

14. Are there any Davis Bacon project requirements?

THE DAVIS BACON REQUIREMENTS ARE LISTED IN THE BID DOCUMENTS. HOWEVER, UPON AWARD, THE CONTRACTOR SHALL UTILIZE THE LATEST WAGE RATES. HE SHALL ALSO SUBMIT CERTIFIED PAYROLL WITH EACH MONTHLY PAY REQUEST.

15. 611-3001 - Reconst Catch Basin, GP 1, Addl Depth has unit of LS and Quantity of 1. Should this be unit of LF?

THE QUANTITY SHOULD BE LF AT 2.5' AND HAS BEEN CORRECTED IN THE BID DOCUMENTS

16. Summary of Quantities – sheet piling. Does it have to be sheet piling? Can we use another method?
SHEET PILING MUST BE USED FOR THE WALLS NEXT TO THE RAILROAD. THIS IS A CONDITION OF RAILROAD APPROVAL. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT HIS PILING PLAN TO THE CITY AND THE RAILROAD. NO WALL EXCAVATION SHALL COMMENCE PRIOR TO WRITTEN CITY AND RAILROAD APPROVAL.

17. Will railroad inspections be required?

YES

18. Will railroad flagging be required?

YES, IF WORK IS BEING PERFORMED ON OR NEAR THE TRACKS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SCHEDULE AND COORDINATE THIS WORK WITH THE RAILROAD.

19. Will any approvals for shoring need to be approved through the railroad? What if this affects the project schedule?

YES, THE RAILROAD MUST APPROVE THE SHORING NEAR THE TRACK. THIS WORK SHALL BE SCHEDULED AND COORDINATED BY THE CONTRACTOR TO MINIMIZE ANY DELAYS.

20. Drawing # 32-005 shows a detail for “Stone Wall & Column for Wall” and “Stone Column Detail for Wall”. However, there are no columns shown on the wall profile plan sheets (32-001 & 32-003). Please clarify the locations and quantity of columns on the walls.

THERE ARE NO COLUMNS IN THIS WALL. THIS SHEET IS PART OF THE ENGINEER’S STANDARD DETAILS AND APPLIES ONLY TO THE WALL – NOT COLUMNS.

21. Details 1 & 2 on drawing # 29-006, shows a 6” concrete subbase under the brick pavers and an 8” wide concrete band. Please clarify how this concrete will be paid.

A QUANTITY FOR 6” CONCRETE HAS BEEN ADDED TO THE PLANS.
THE CONCRETE BAND IS COVERED UNDER 8” SIDEWALK CONCRETE

22. Sheet T-5A (Details of regulatory signs) says sheet 1 of 2, but there is no sheet 2 of 2; can we get a clarification on that?

SHEET 2 IS NOT REQUIRED FOR THIS PROJECT AND WAS NOT INCLUDED IN THE PLAN SET.

23. What is the quantity of topsoil needed for plants?

297 CY

24. How much of sod amount is needed for the plants?

3,523 SY

25. On landscaping plan, there is a detail for sod but it doesn't specify where the sod needs to be spread/ installed. Can we get more clarification on that?

ALL DISTURBED AREAS SHALL BE SODDED WITH THE EXCEPTION OF THE LANDSCAPE BEDS.

26. Is there any permitting required?

YES, NOTICE OF INTENT, ETC.

27. Is there any testing required?

YES, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO UTILIZE A GDOT APPROVED GEOTECHNICAL ENGINEER AND TESTING LAB FOR ALL TESTING. ALL TESTING SHALL COMPLY WITH GDOT POLICIES AND PROCEDURES. COPIES OF ALL TEST REPORTS SHALL BE SUPPLIED TO THE CITY.

28. What should be covered under the erosion control non-refundable deduct?

ALL EROSION CONTROL IS COVERED UNDER EROSION CONTROL NON-REFUNDABLE DEDUCT

29. Is there a project area where dumpsters can be placed and left during construction?

DUMPSTERS SHALL BE ALLOWED TO BE LEFT IN THE PROJECT LIMITS, OUT OF THE ROADWAY SO AS NOT TO IMPEDE TRAFFIC AND NOT IN CSX RIGHT OF WAY. ANY DUMPSTER PLACED ON THIS PROJECT SHALL BE EMPTIED AND NOT ALLOWED TO OVERFLOW. NO GARBAGE OR DEBRIS WILL BE ALLOWED TO BLOW ON THIS JOB SITE.

30. What is the budget given for the project?

AN OVERALL PROJECT COST ESTIMATE WILL NOT BE PROVIDED BY THE CITY THIS IS A UNIT PRICE CONTRACT – THE ENGINEER'S ESTIMATE WAS CREATED USING CES.

31. Will Water Quality Monitoring & Inspections be required for this project? If so, how will these be paid?

YES, WATER MONITORING IS REQUIRED. THIS ITEM WILL BE PAID UNDER EROSION CONTROL LUMP SUM.

32. Below is a comparison of quantities from the plans to the bid form:

	PLAN QUANTITY	BID
	FORM QUANTITY	
ACER RUBRUM - OCTOBER GLORY	8	8
LAGERSTROENIA INDICA – NATCHEZ	7	7
ABELIA X GRANDIFLORA - ROSE CREEK	24	15
BERBERIS THUNDERGII - CRIMSON PYGMY BARB	80	151
EUONYMUS ALATUS - WINGED EUONYMUS	95	22
ILEX VOMITORIA - DWARF YAUPON HOLLY	151	30
LOROPETALUM CHINESE - BURGANDY LOROPETAL	34	4
RHAPHIOLEPIS INDICA - INDIAN PRINCESS	54	86
GELSEMIUM SEMPERVIRENS - CAROLINA JESSAM	126	126
MULENBERGIA CAPILLARIS - PINK MUHLY GRASS	52	138

Would the City please review these quantities?

THE QUANTITIES IN THE BID DOC AND THE SUMMARY OF QUANTITIES ARE NOW CORRECT. ALL OTHER QUANTITIES HAVE BEEN UPDATED.

33. The landscaping plans reference a bus shelter.

a. Will the contractor be required to purchase and install under this contract?

YES

b. If so, will the City provide the style, type, and pay item?

THE BUS SHELTER WILL FOLLOW COBB COUNTY TRANSPORTATION STANDARDS. ALL CONSTRUCTION DETAILS SHALL MEET CCT APPROVAL INCLUDING SLAB, KIOSK, ALIGHTING

AREA, ELECTRIC/ POWER HOOKUP, ETC.

34. Will you all be providing subsurface reports for the above referenced project, wall foundation investigations, etc.?

THE WALL FOUNDATION INVESTIGATION REPORT WILL ACCOMPANY AWARD OF CONTRACT.

35. GDOT requires a post installation inspection of storm drain pipes with the use of laser profile technology. Will the City require this same inspection?

SINCE THIS IS ASSOCIATED WITH A GDOT PERMIT AND ON A STATE ROUTE ALL WORK SHALL CONFORM TO GDOT POLICIES AND PROCEDURES.

36. Will the milling require same day cover up?

REPAVING SHALL BE COMPLETED WITHIN 2 DAYS OF MILLING UNLESS OTHERWISE AUTHORIZED DURING CONSTRUCTION UNLESS MILLING LEAVES THE ROADWAY IN AN UNSAFE OR RAPIDLY DEGRADEABLE CONDITION, IN WHICH CASE THE ROAD MUST BE REPAVED ON THE SAME DAY. ANY MILLINGS MUST BE REMOVED DURING AND IMMEDIATELY FOLLOWING THE MILLING OPERATION.

37. Type and color of brick pavers? Pedestrian or vehicular?

THE BRICK PAVERS ARE A CITY STANDARD BRICK PAVER, PROVIDED (AT NO COST) BY THE CITY.

38. Is there sod on the job? If so what type.

YES, THERE IS SOD. THE CONTRACTOR SHALL USE TIFWAY BERMUDA.

39. This project appears to encroach on CSX's ROW; has the city entered into an agreement with CSX regarding the work taking place here and if so, who would be responsible for covering their expenses?

THE CITY DOES HAVE AN AGREEMENT WITH CSX REGARDING THE WORK TAKING PLACE HERE AND WILL BE RESPONSIBLE FOR COVERING EXPENSES.

40. There is not a profile for gravity wall 3. Will a profile be given for wall 3?

NO, REFERENCE GEORGIA STANDARD DETAIL 9031L.

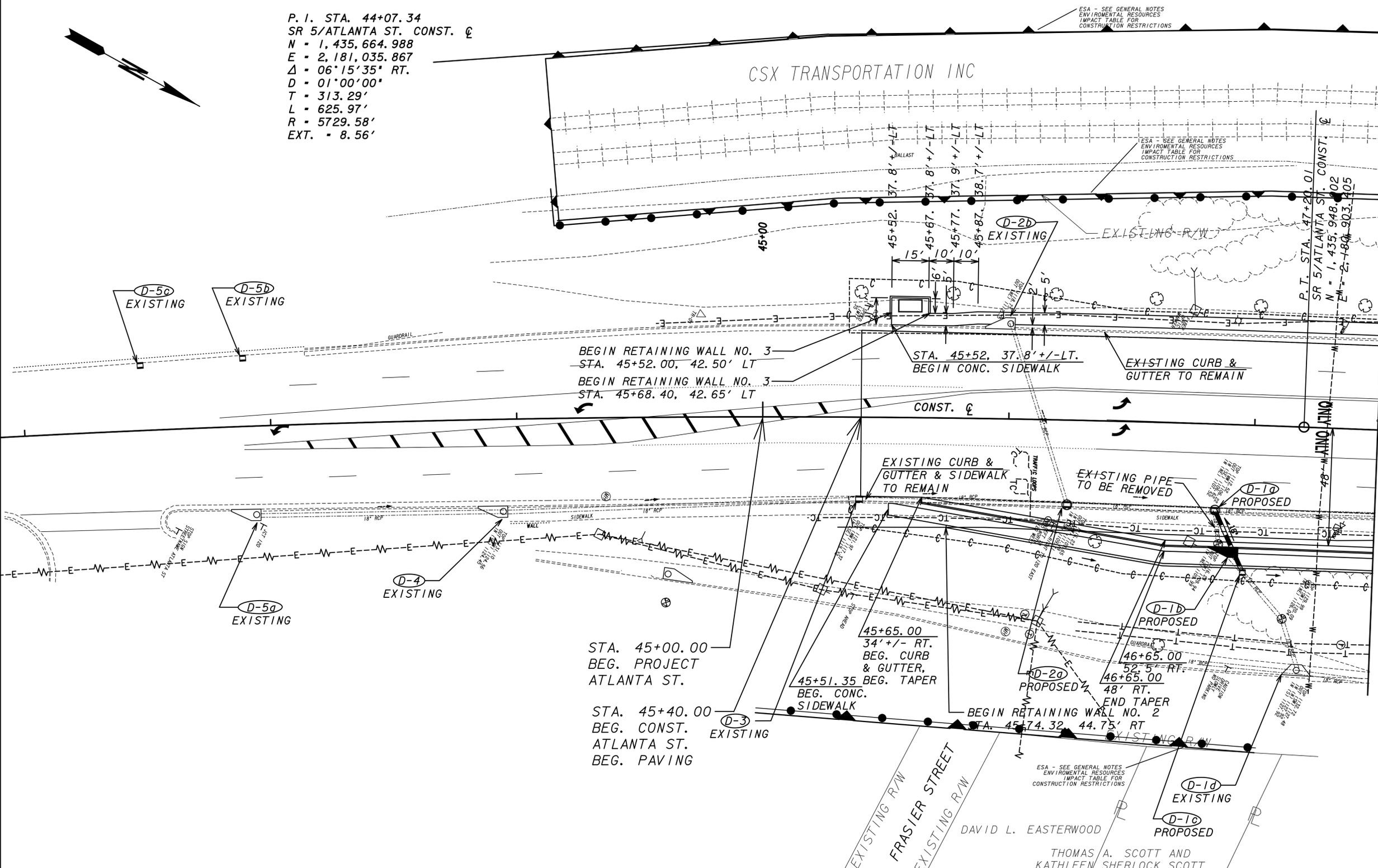
41. The Concrete Retaining Walls Schedule on Summary of Quantities drawing 06-002 does not reflect retaining walls as shown on Wall Envelope Drawings 32-001 through 32-007. Retaining Wall No. 3 appears to be the only Gravity Wall. However, Wall No. 3 is not noted on Concrete Retaining Walls Summary.

THE CONCRETE RETAINING WALLS SCHEDULE HAS BEEN UPDATED TO REFLECT THE RETAINING WALLS SHOWN IN THE WALL ENVELOPE DRAWINGS. WALL NO. 3 HAS BEEN ADDED TO THE CONCRETE RETAINING WALLS SUMMARY AND THE QUANTITIES HAVE BEEN ADDED TO THE DETAILED ESTIMATE.

42. Sheet 29-006, landscaping plans, shows a granite wall veneer. Does this detail apply to only new walls 1 and 2? Will there be stone columns on these walls and if so, what are the locations and what detail should be used for these columns?

THE GRANITE FACING ONLY APPLIES TO WALLS NO. 1 AND 2. THERE ARE NO STONE COLUMNS.

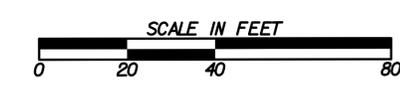
P. I. STA. 44+07.34
 SR 5/ATLANTA ST. CONST. ϕ
 N = 1,435,664.988
 E = 2,181,035.867
 Δ = 06°15'35" RT.
 D = 01°00'00"
 T = 313.29'
 L = 625.97'
 R = 5729.58'
 EXT. = 8.56'



MATCH LINE STA. 47+50.00
 SEE DRAWING NO. 13-002

PROPERTY AND EXISTING R/W LINE ——— P ———
 REQUIRED R/W LINE ——— R ———
 CONSTRUCTION LIMITS ——— C ——— F ———
 EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES [Hatched Box]
 EASEMENT FOR CONSTR OF SLOPES [Diagonal Lines Box]
 EASEMENT FOR CONSTR OF DRIVES [Cross-hatched Box]

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



REVISION	DATE	DESCRIPTION

STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 OFFICE: **MAINLINE PLAN**
 ATLANTA ST AT S MARIETTA PKWY
 ST INTERSECTION IMPROVEMENTS
 DRAWING NO. **13-001**

ITEM NO.	PAY ITEM NO.	DESCRIPTION	UNITS	QUANTITY
0005	150-1000	TRAFFIC CONTROL - DAILY LANE CLOSURES	LUMP SUM	1
0010	163-0001	EROSION CONTROL, NON-REFUNDABLE DEDUCT	LUMP SUM	1
0015	210-0100	GRADING COMPLETE - GENERAL SITE WORK	LUMP SUM	1
0020	310-1101	GR AGGR BASE CRS, INCL MATL	TN	703
0025	402-3113	RECYL AC 12.5MM SP, GPI/2, BM&HL	TN	1359
0030	402-3190	RECYL AC 19MM SP, GP 1 OR 2, INC BM&HL	TN	134
0035	402-3121	RECYL AC 25MM SP, GPI/2, BM&HL	TN	338
0040	413-1000	BITUM TACK COAT	GL	765
0045	441-6222	CONC CURB & GUTTER / 8"X30" TP2	LF	1112
0050	441-0104	CONC SIDEWALK, 4IN	SY	879
0055	441-0106	CONC SIDEWALK, 6IN	SY	298
0060	441-0108	CONC SIDEWALK, 8IN	SY	248
0065	500-9999	CL B CONC, BASE OR PVMT WIDEN	CY	208
0070	432-0206	MILL ASPH CONC PVMT/ 1.5" DEP	SY	11,787
0075	550-1180	STM DR PIPE 18", H 1-10	LF	38
0080	550-1240	STM DR PIPE 24", H 1-10	LF	59
0085	611-8050	ADJUST MANHOLE TO GRADE	EA	1
0090	668-4300	STORM SEW MANHOLE, TP 1	EA	4
0095	668-2100	DROP INLET, GP 1	EA	8
0100	668-1100	CATCH BASIN, GP 1	EA	3
0105	500-3201	CLASS A CONC, RET WALL	CY	940
0110	653-1501	THERMO SOLID TRAF ST 5 IN, WHI	LF	4887
0115	653-3501	THERMO SKIP TRAF ST, 5 IN, WHI	GLF	3215
0120	653-1502	THERMO SOLID TRAF ST, 5 IN YEL	LF	2754
0125	655-5000	PVMT ARROW THERM W/R REFLECTOR	EA	23
0130	653-1704	THERM SOLID TRAF STRIPE, 24", WH	LF	192
0135	653-1504	THERM SOLID TRAF STRIPE, 12", WH	LF	991
0140	653-1804	THERM SOLID TRAF STRIPE, 8", WH	LF	1653
0145	647-1000	TRAF SIGNAL INSTALLATION NO - 1	LUMP SUM	1
0150	900-0039	BRICK PAVERS	SF	2498
0155	900-0039	BRICK PAVERS TRUNCATED DOMES	SF	120
0160	607-3000	STONE FACING GRANITE - NEW WALLS	SF	7166
0165	607-3000	STONE FACING GRANITE - EXISTING WALL	SF	3540
0170	708-1000	PLANT TOPSOIL	CY	297
0175	702-0030	ACER RUBRUM - OCTOBER GLORY	3" CAL	8
0180	702-0542	LAGERSTROEMIA INDICA - NATCHEZ	8'-10' HT	7
0185	702-0006	ABELIA X GRANDIFLORA - ROSE CREEK	3 GALLON	15
0190	702-0095	BERBERIS THUNBERGII - CRIMSON PYGMY BARBERRY	1 GALLON	151
0195	702-0254	EUONYMUS ALATUS - WINGED EUONYMUS	3 GALLON	22
0200	702-0470	ILEX VOMITORIA - DWARF YAUPON HOLLY	1 GALLON	30
0205	702-0610	LOROPETALUM CHINENSE - BURGUNDY LOROPETALUM	3 GALLON	4
0210	702-0977	RHAPHIOLEPIS INDICA - INDIAN PRINCESS	3 GALLON	86
0215	702-0285	GELSEMIUM SEMPERVIRENS - CAROLINA JESSAMINE	1 GALLON	126
0220	702-0678	MULENBERGIA CAPILLARIS - PINK MUHLY GRASS 3 GAL.	3 GALLON	138
0225	702-7501	TREE PROTECTION FENCING	LF	855
0230	643-8200	BARRIER FENCE, (ORANGE) 1.2 M	LF	2395
0235	611-5120	RESET CONC. R/W MARKER	EA	4
0240	702-9025	LANDSCAPE MULCH	SY	500
0245	610-0355	REMOVE CONC CURB AND GUTTER ALL SIZES	LF	1133
0250	402-1801	RECYCLED ASPH CONC PATCHING, INCL BITUM MATL *	TN	74
0255	550-1150	STM DR PIPE 15", H 1-10	LF	21
0260	610-5715	REM CATCH BASIN, DROP INLET OR JCT BOX	EA	2

ITEM NO.	PAY ITEM NO.	DESCRIPTION	UNITS	QUANTITY
0265	611-3001	RECONSTR CATCH BASIN, GROUP 1, ADDL DEPTH	LF	2.5
0270	610-1880	REM STORM DRAIN PIPE	LF	103
0275	636-1020	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	SF	63
0280	636-2070	GALV STEEL POSTS, TP 7	LF	112
0285	636-2080	GALV STEEL POSTS, TP 8	LF	37
0290	636-2090	GALV STEEL POSTS, TP 9	LF	17
0295	636-3010	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	EA	1
0300	638-1003	STR SUPPORT OVHD, SIGN, TP1111	EA	1
0305	636-1036	HIGHWAY SIGNS, TP 1, TP 9	SF	60
0310	639-4004	STRAIN POLE, TP IV	EA	4
0315	636-1033	HWY SIGNS, TP 1 MAT, REFL SHT TP 9	SY	14
0320	441-0204	PLAIN CONC DITCH PAVING, 4 IN	SY	228
0325	511-1000	BAR REINF STEEL	LB	110,379
0330	530-0105	WATERPROOFING	SY	55
0335	763-0110	BUS PAVILION	LS	1



REVISION DATES	CITY OF MARIETTA COBB COUNTY, GEORGIA
	OFFICE: DEPARTMENT OF PUBLIC WORKS
	DETAILED ESTIMATE
	S MARIETTA PKWY AT POWDER SPRINGS ST INTERSECTION IMPROVEMENTS
	DRAWING No. 9-001

SUMMARY OF QUANTITIES

TRAFFIC STRIPE				
DESCRIPTION	UNIT	QUANTITY		
		THERMOPLASTIC	POLYUREA	PREFORMED
5" SOLID WHITE	LIN. FT.	4887		
5" SOLID YELLOW	LIN. FT.	2754		
5" SKIP WHITE	GROSS LF	3211		
8" SOLID WHITE	LIN. FT.	1477		
12" SOLID WHITE	LIN. FT.	991		
24" SOLID WHITE	LIN. FT.	174		
WORDS	EACH			

LANDSCAPING		
DESCRIPTION	UNIT	QUANTITY
ACER RUBRUM - OCOTBER GLORY - 3" CAL.	EACH	8
LAGERSTOEMIA INDICA - NATCHEZ - 8' - 10' HEIGHT	EACH	7
ABELIA X GRANDIFLORA - ROSE CREEK - 3 GALLON	EACH	15
BERBERIS THUNBERGII - CRIMSON PIGMY BARBERRY - 1 GALLON	EACH	151
EUONYMUS ALATUS - WINGED EUONYMUS - 3 GALLON	EACH	22
ILEX VOMITORIA - DWARF YAUPON HOLLY - 1 GALLON	EACH	30
LOROPETALUM CHINENSE - BURGANDY LOROPETALUM - 3 GALLON	EACH	4
RHAPHIOLEPIS INDICA - INDIAN PRINCESS - 3 GALLON	EACH	86
GELSIMIUM SEMPERVIRENS - CAROLINA JESSAMINE - 1 GALLON	EACH	126
MULLENBERGIA CAPILLARIS - PINK MUHLY GRASS - 3 GALLON	EACH	138
LANDSCAPE MULCH	SY	500

CLASS "B" CONCRETE BASE OR PVMT WIDENING		
TOTAL	UNIT	QUANTITY
	CY	208

FOR USE IN AREAS OF NARROW PAVING WIDENING NEXT TO CURB AND GUTTER AS DIRECTED BY THE ENGINEER.

PAVEMENT ARROWS W/ REFLECTORS (EACH)			
LOCATION	QUANTITY		
	THERMOPLASTIC	POLYUREA	PREFORMED
46+90 RT ATLANTA ST.	1		
47+19 LT ATLANTA ST.	1		
47+19 RT ATLANTA ST.	1		
47+90 RT ATLANTA ST.	1		
48+21 LT ATLANTA ST.	1		
48+21 RT ATLANTA ST.	1		
48+90 RT ATLANTA ST.	1		
49+01 LT ATLANTA ST.	1		
49+01 RT ATLANTA ST.	1		
50+86 ATLANTA ST.	1		
51+03 LT ATLANTA ST.	1		
51+74 ATLANTA ST.	1		
52+03 LT ATLANTA ST.	1		
52+72 ATLANTA ST.	1		
52+97 LT ATLANTA ST.	1		
26+06 LT MARIETTA PKWY.	2		
28+28 MARIETTA PKWY.	1		
28+98 RT MARIETTA PKWY.	1		
29+03 MARIETTA PKWY.	1		
31+02 LT MARIETTA PKWY.	1		
31+04 MARIETTA PKWY.	1		
31+32 LT MARIETTA PKWY.	1		

CONCRETE CURB & GUTTER 8" X 30" TYPE 2, STD. 9032-B		
STATION TO STATION	SIDE	LIN. FT.
45+64.96 - 49+42.96	RT	445
50+26.83 - 51+01.63	RT	120
49+13.53 - 49+75.69	LT	75
50+53+29 - 54+25.00	LT	472
TOTAL		1112

CONCRETE RETAINING WALL SEE GA. STD. 9031-L				
LOCATION	LIN. FT.	HEIGHT	SIDE	QUANTITY CU. YD.
45+74.32 - 49+28.50	411	8-14'	RT	487
50+69.47 - 54+25.00	333	10'	LT	331
45+52.00 - 45+68.40	30	3'	LT	122
TOTALS	774			940

ALL COST FOR THE CONSTRUCTION OF THE RETAINING WALL INCLUDING MATERIALS, LABOR & EQUIPMENT SHALL BE INCLUDED IN THE OVERALL BID PRICE FOR CLASS "A" CONCRETE.

AJUST MINOR STRUCTURES TO GRADE	
611-8050 ADJUST MANHOLE TO GRADE	EACH 1

CONCRETE RIGHT- OF- WAY MARKERS GA. STD. 9003	
EACH	TOTAL 4

PLANT TOP SOIL	
TOTAL	297 CY

LANDSCAPE MULCH	
TOTAL	500 SY

STONE FACING GRANITE	
NEW WALLS	7,166 SF
EXISTING WALL	3,540 SF
TOTAL	10,706 SF

TREE PROTECTION FENCING	
TOTAL	855 LF

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LS	1																																		
TOTAL																																			

REVISION DATES	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE:
	SUMMARY OF QUANTITIES
	DRAWING No. 6-002

GENERAL NOTES

UTILITY OWNER	SERVICE
AGL RESOURCES	GAS
AT&T	PHONE/INTERNET
MCI (VERIZON BUSINESS)	PHONE/INTERNET
COMCAST	TV/INTERNET
MARIETTA POWER	POWER
MARIETTA WATER	WATER
MARIETTA WATER	SANITARY SEWER
ZAYO	INTERNET
CITY OF MARIETTA	Fiber-Optic Cable
CSX TRANSPORTATION INC.	RAILROAD

TYPE OF PIPE INSTALLATION	C O N C R E T E	CORRUGATED STEEL AASHTO M-36		CORRUGATED ALUMINUM AASHTO M-196	PLASTIC		
		ALUMINUM COATED TYPE 29 CORRUGATED STEEL	PLAIN ZINC COATED	PLAIN UNCOATED ALUMINUM	CORRUGATED POLY-ETHYLENE AASHTO M-252	CORR. POLY-ETHYLENE SMOOTH PROFILE AASHTO M-294 TYPE "S"	POLY VINYL CHLORIDE (PVC) PROFILE AASHTO M-304
LONGITUDINAL INTERSTATE AND TRAVEL BEARING	X						
LONGITUDINAL NON-INTERSTATE AND NON-TRAVEL BEARING	X	X		X	X	X	X
S T O R M S I D E D R A I N	GRADE ≤ 10%	ADT < 250	X	X	X	X	X
		250 < ADT < 1500	X	X*	X	X	X
		1500 < ADT < 15,000	X			X	X
		ADT > 15,000	X				
GRADE > 10%	ADT < 250		X	X	X	X	X
	ADT > 250			X	X	X	X
SIDE DRAIN	X	X	X	X	X	X	X
PERMANENT SLOPE DRAIN		X	X	X	X	X	X
PERFORATED UNDERDRAIN		X	X	X	X	X	X

* This type pipe can be used if the addition of Type "B" Coating (AASHTO M-190, Half Bituminous Coated with Paved Invert) is utilized.

NOTES:

- Allowable materials are indicated by an "X".
 - Structural requirements of storm drain pipe will be in accordance with Georgia Standard 1030-D or 1030-P, whichever is applicable, and the Standard Specifications.
 - Graded aggregate backfill shall be used in cross drain applications for all plastic pipes (AASHTO M-294, HDPE pipe; AASHTO M-304, PVC pipe; ASTM F-949, PVC pipe).
 - The Contractor shall provide additional storm sewer capacity calculations if a pipe material other than concrete is selected.
 - Pipe used under mechanically stabilized earth (MSE) walls, within MSE wall backfill, or within five feet of an MSE wall face shall be Class V Concrete Pipe.
- Rev. 03-22-10

- CITY OF MARIETTA WILL INSPECT ALL GRADING WORK PRIOR TO PAVING OPERATIONS. THE CONTRACTOR WILL CONTACT LAI ENGINEERING FOR INSPECTION. LAI WILL REQUIRE 24 HOURS OF LEAD TIME AND WILL RESPOND WITHIN 24 HOURS.
- CONTRACTOR WILL REMOVE TRASH, DEBRIS AND EXCESS CONCRETE BEFORE BACKFILLING AND GRADING.
- CONTRACTOR SHALL CONTACT THE ENGINEER FOR APPROVAL OF GRADES AND OTHER WORK ITEMS PRIOR TO PAVING AND GRASSING OPERATIONS.
- CONTRACTOR MUST PROVIDE TRASH RECEPTACLE AT ALL WORK SITES. TRASH RECEPTACLE MUST BE EMPTIED AT LEAST ONCE A WEEK. TO BE PAID FOR UNDER BID ITEM GRADING COMPLETE, AND NO ADDITIONAL PAYMENT WILL BE MADE.
- ALL DIMENSIONS AND DETAILS OF EXISTING CONDITIONS INDICATED ON THE DRAWINGS SHALL BE FIELD MEASURED AND VERIFIED BEFORE PROCEEDING. NECESSARY FIELD CHECKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND THE WORK AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND EROSION. SUFFICIENT LIGHTS, SIGNS, AND TRAFFIC CONTROL METHODS SHALL BE INSTALLED FOR THE PROTECTION AND SAFETY OF THE PUBLIC AND MAINTAINED AS NECESSARY THROUGHOUT THE CONSTRUCTION PROCESS OF THE PROJECT. ALL SIGNING, INCLUDING TRAFFIC CONTROL AND CONSTRUCTION SIGNING SHALL CONFORM TO THE MOST RECENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD).
- LOCATION OF ALL CONSTRUCTION ITEMS SHALL BE FIELD VERIFIED BY CONTRACTOR AND APPROVED BY ENGINEER PRIOR TO PLACEMENT
- RIGHT-OF-WAY MARKERS DISTURBED DURING CONSTRUCTION SHALL BE RESET OR REPLACED UNDER PAYITEM 611-5120 (RESET CONCRETE R/W MARKER).
- SAW CUT AND REMOVE EXISTING CONCRETE CURB AND GUTTER AND EXISTING ASPHALT AT CURB CUT RAMPS SHALL BE INCLUDED IN PRICE BID FOR GRADING COMPLETE - LUMP SUM, AND NO ADDITIONAL PAYMENT WILL BE MADE.
- A NOTICE OF INTENT (NOI) IS NOT NEEDED FOR THIS PROJECT.
- CONTRACTOR SHALL SET STAKES, TAKE NECESSARY CROSS SECTIONS AND PERFORM NECESSARY CALCULATIONS AT EACH WALL BEFORE BEGINNING WALL CONSTRUCTION TO ENSURE THAT THE GEOMETRIC DESIGN OF THE WALL CONFORMS TO ACTUAL CONDITIONS.
- ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURRING IN THEM. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL. SEE SECTION 201 OF THE STANDARD SPECIFICATION AND SUPPLEMENTS THERETO FOR ADDITIONAL INFORMATION.
- THERE IS NO SUITABLE PLACE TO BURY EXISTING CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF EXISTING CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE CITY.
- ALL ADA RAMPS AND SIDEWALK WITHIN THE INTERSECTION RADIUS ARE TO BE 8 INCH CONCRETE. THE COST FOR ADA RAMPS SHALL BE INCLUDED IN THE PRICE BID FOR 8 INCH CONCRETE SIDEWALK.
- CONTRACTOR TO USE CAUTION WHILE WORKING NEAR THE BRIDGE ABUTMENTS. CSX TRANSPORTATION EMERGENCY PHONE NUMBER: 1-800-232-0144 SELECT OPTION 1 FOR EMERGENCIES AND OPTION 4 FOR NON-EMERGENCIES.
- UTILITIES SHOWN ON THESE PLANS ARE FOR INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES AND SHALL CALL UTILITIES PROTECTION CENTER, INC. PRIOR TO MOBILIZATION. ANY DAMAGE TO EXISTING UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ANY REFERENCE TO A CODE OR STANDARD SHALL BE UNDERSTOOD TO REFER TO THE LATEST EDITION AND/OR REVISION OF THAT CODE OR STANDARD UNLESS OTHERWISE NOTED.
- STARTING WORK CONSTITUTES ACCEPTANCE OF THE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. AFTER SUCH ACCEPTANCE, THE CONTRACTOR SHALL AT THEIR EXPENSE, BE RESPONSIBLE FOR CORRECTING ALL UNSATISFACTORY AND DEFECTIVE WORK RESULTING FROM SUCH UNSATISFACTORY CONDITIONS.

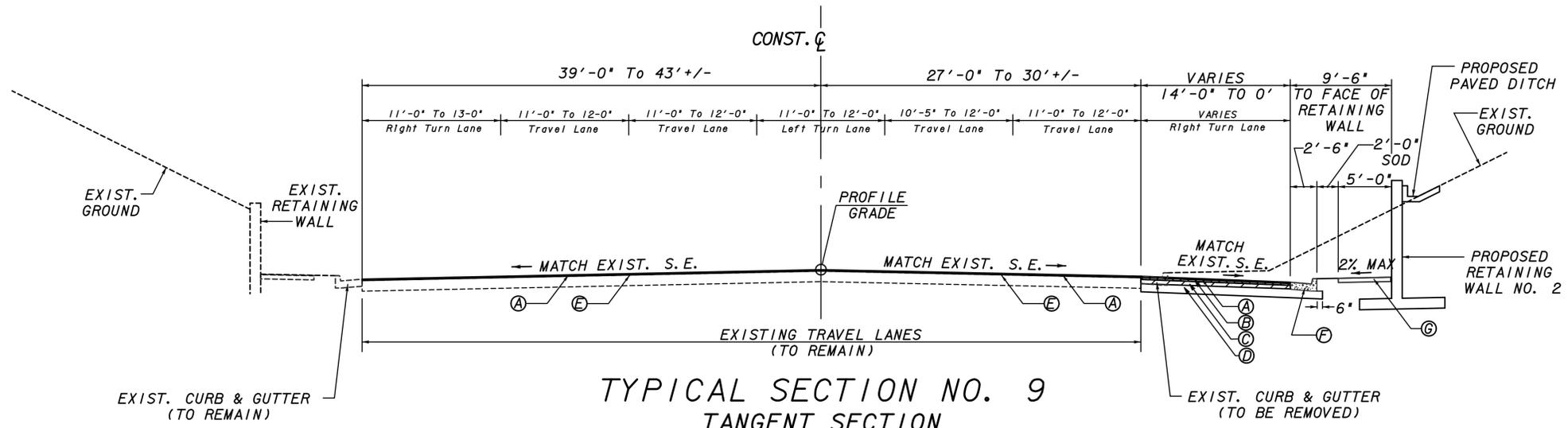
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A TRAFFIC CONTROL PLAN SHOWING THE PROPOSED MEASURES TO MANAGE TRAFFIC DURING CONSTRUCTION ACTIVITIES. THE PLAN SHALL CONFORM TO THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND GEORGIA DOT SPECIFICATION 150. ANY LANE CLOSURES MUST BE APPROVED BY AND COORDINATED WITH THE GEORGIA DOT AREA ENGINEER. LANE CLOSURES WILL REQUIRE PROPER LANE TAPERS AND ADVANCE WARNINGS PER GEORGIA DOT STANDARDS AND SHALL BE COMPLETED DURING THE HOURS SPECIFIED BY THE GEORGIA DOT. THE CONTRACTOR SHALL NOT INSTALL LANE CLOSURES OR MOVE EQUIPMENT OR MATERIALS IN THE TRAVEL WAY BETWEEN THE HOURS OF 6:00 AM TO 9:00 AM AND 3:30 PM TO 7:00 PM MONDAY THRU FRIDAY UNLESS APPROVED IN WRITING BY THE GDOT AREA ENGINEER.
- EXISTING TRAFFIC SIGNALS SHALL REMAIN OPERABLE AT ALL TIMES UNTIL THE PROPOSED SIGNALS ARE ACTIVATED. CONTACT TIM COX AT 770.794.5690 PRIOR TO BEGINNING SIGNAL WORK OR WORKING IN THE VICINITY OF BURIED TRAFFIC CABLES.
- CONTRACTOR IS REQUIRED TO MAINTAIN A MINIMUM OF 80 INCHES VERTICAL CLEARANCE ABOVE FINISHED SIDEWALK GRADE.
- PRIOR TO CONCRETE POUR, CONTRACTOR SHALL VERIFY ALL POINTS OF TANGENCY AND OFFSETS FROM TRAFFIC TO ASSURE PROPER TRAFFIC FLOW AND PEDESTRIAN SAFETY.
- CONTRACTOR SHALL PERFORM 3 POINT LEVELS PRIOR TO ANY MILLING OPERATION.
- THE METHOD OF UTILITY LOCATION ON THIS PROJECT CONSISTED OF OWNER MARK-UP IN THE FIELD AS WELL AS ACTUAL FIELD LOCATES BY THE USE OF GPR, ETC.



Know what's below.
Call before you dig.

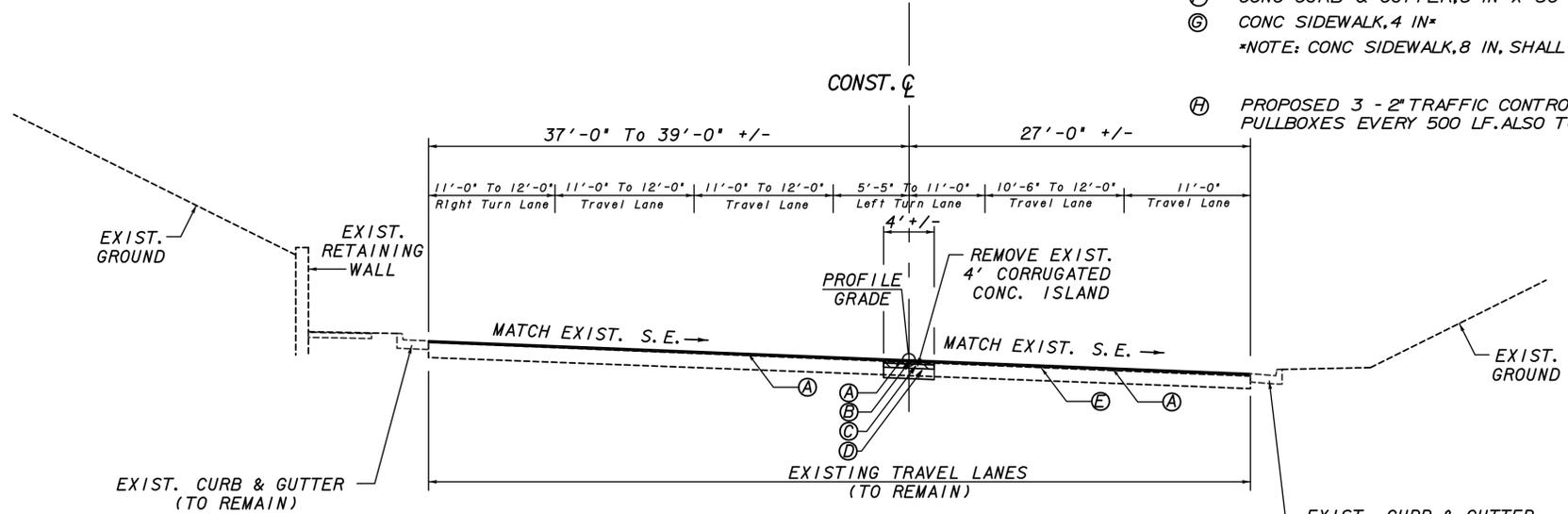
REVISION DATES	CITY OF MARIETTA COBB COUNTY, GEORGIA
	OFFICE: DEPARTMENT OF PUBLIC WORKS
	GENERAL NOTES
	S MARIETTA PKWY AT POWDER SPRINGS ST INTERSECTION IMPROVEMENTS
	DRAWING No. 04-001





TYPICAL SECTION NO. 9
TANGENT SECTION
 APPLICABLE TO SR 120/SOUTH MARIETTA PKWY.
 FROM STA. 30+00.00 TO . STA. 32+07.93

- Ⓐ ASPH. CONC. 12.5 mm SUPERPAVE GROUP 2 ONLY, INCL. BITUM. MAT'L & H. LIME, 165LB./S.Y.
- Ⓑ ASPH. CONC. 19 mm SUPERPAVE GP 1 OR 2, INCL. BITUM. MAT'L & H. LIME, 330 LB./S.Y.
- Ⓒ ASPH. CONC. 25 mm SUPERPAVE GP 1 OR 2, INCL. BITUM. MAT'L & H. LIME, 660 LB./S.Y.
- Ⓓ 12" GR AGGR BASE CRS, INCL. MAT'L
- Ⓔ MILL ASPH CONC PVMNT, 1 1/2 IN DEPTH
- Ⓕ CONC CURB & GUTTER, 8 IN X 30 IN, TP 2
- Ⓖ CONC SIDEWALK, 4 IN*
- *NOTE: CONC SIDEWALK, 8 IN, SHALL BE USED IN THE ADA RAMPS



TYPICAL SECTION NO. 10
SUPERELEVATED SECTION
 APPLICABLE TO SR 120/SOUTH MARIETTA PKWY.
 FROM STA. 32+07.93 TO . STA. 33+50.00



NO SCALE

REVISION DATES	

CITY OF MARIETTA
 COBB COUNTY, GEORGIA
 OFFICE: DEPARTMENT OF PUBLIC WORKS
TYPICAL SECTIONS
 ATLANTA ST AT S MARIETTA PKWY
 INTERSECTION IMPROVEMENTS

DRAWING No.
05-005

SR 5/ATLANTA ST. AT SR 120/SOUTH MARIETTA PKWY INTERSECTION IMPROVEMENTS
 COBB COUNTY
 PI NUMBER: 0012606
 DATE: 05 AUGUST 2015

ITEM #	PAY ITEM #	ITEM OF WORK	UNIT	QUANTITY	UNIT BID AMOUNT IN WORDS	UNIT BID AMOUNT	BID AMOUNT
0005	150-1000	TRAFFIC CONTROL- DAILY LANE CLOSURES	LS	1.00			
					DOLLARS		
					CENTS		
0010	163-0001	EROSION CONTROL, NON- REFUNDABLE DEDUCT	LS	1.00			
					DOLLARS		
					CENTS		
0015	210-0100	GRADING COMPLETE - GENERAL SITE WORK	LS	1.00			
					DOLLARS		
					CENTS		
0020	310-1101	GR AGGR BASE CRS, INCL MATL	TN	703.00			
					DOLLARS		
					CENTS		
0025	402-3113	RECYCL AC 12.5 MM SP, GP 1/2, BM&HL	TN	1,359.00			
					DOLLARS		
					CENTS		

SR 5/ATLANTA ST. AT SR 120/SOUTH MARIETTA PKWY INTERSECTION IMPROVEMENTS

COBB COUNTY

PI NUMBER: 0012606

DATE: 05 AUGUST 2015

ITEM #	PAY ITEM #	ITEM OF WORK	UNIT	QUANTITY	UNIT BID AMOUNT IN WORDS	UNIT BID AMOUNT	BID AMOUNT
0030	402-3190	RECYCL AC 19 MM SP, GP 1/2, BM&HL	TN	134.00			
						DOLLARS	
						CENTS	
0035	402-3121	RECYCL AC 25 MM SP, GP 1/2, BM&HL	TN	338.00			
						DOLLARS	
						CENTS	
0040	413-1000	BITUM TACK COAR	GL	765.00			
						DOLLARS	
						CENTS	
0045	441-6222	CONC CURB & GUTTER / 8"X30" TP 2	LF	1,112.00			
						DOLLARS	
						CENTS	
0050	441-0104	CONC SIDEWALK, 4IN	SY	879.00			
						DOLLARS	
						CENTS	
0055	441-0106	CONC SIDEWALK, 6IN	SY	298.00			
						DOLLARS	
						CENTS	

SR 5/ATLANTA ST. AT SR 120/SOUTH MARIETTA PKWY INTERSECTION IMPROVEMENTS

COBB COUNTY

PI NUMBER: 0012606

DATE: 05 AUGUST 2015

ITEM #	PAY ITEM #	ITEM OF WORK	UNIT	QUANTITY	UNIT BID AMOUNT IN WORDS	UNIT BID AMOUNT	BID AMOUNT
0060	441-0108	CONC SIDEWALK, 8IN	SY	225.00			
					DOLLARS		
					CENTS		
0065	500-9999	CL B, CONC, BASE OR PVMNT / 1.5" DEPTH	CY	208.00			
					DOLLARS		
					CENTS		
0070	432-0206	MILL ASPH CONC PVMNT / 1.5" DEPTH	SY	11,787.00			
					DOLLARS		
					CENTS		
0075	550-1180	STM DR PIPE 18", H 1-10	LF	38.00			
					DOLLARS		
					CENTS		
0080	550-1240	STM DR PIPE 24", H 1-10	LF	59.00			
					DOLLARS		
					CENTS		
0085	611-8050	ADJUST MANHOLE TO GRADE	EA	1.00			
					DOLLARS		
					CENTS		
					CENTS		

SR 5/ATLANTA ST. AT SR 120/SOUTH MARIETTA PKWY INTERSECTION IMPROVEMENTS

COBB COUNTY

PI NUMBER: 0012606

DATE: 05 AUGUST 2015

ITEM #	PAY ITEM #	ITEM OF WORK	UNIT	QUANTITY	UNIT BID AMOUNT IN WORDS	UNIT BID AMOUNT	BID AMOUNT
0090	611-8050	STORM SEWER MANHOLE, TP 1	EA	4.00			
						DOLLARS	
						CENTS	
						CENTS	
0095	668-2100	DROP INLET, GP 1	EA	8.00			
						DOLLARS	
						CENTS	
						CENTS	
0100	668-1100	CATCH BASIN, GP 1	EA	3.00			
						DOLLARS	
						CENTS	
						CENTS	
0105	500-3201	CLASS A CONC, RET WALL	CY	818.00			
						DOLLARS	
						CENTS	
						CENTS	
0110	653-1501	THERMO SOLID TRAF ST 5 IN, WHI	LF	4,887.00			
						DOLLARS	
						CENTS	
						CENTS	
0115	653-3501	THERMO SKIP TRAF ST 5 IN, WHI	GLF	3,215.00			
						DOLLARS	
						CENTS	
						CENTS	

SR 5/ATLANTA ST. AT SR 120/SOUTH MARIETTA PKWY INTERSECTION IMPROVEMENTS

COBB COUNTY

PI NUMBER: 0012606

DATE: 05 AUGUST 2015

ITEM #	PAY ITEM #	ITEM OF WORK	UNIT	QUANTITY	UNIT BID AMOUNT IN WORDS	UNIT BID AMOUNT	BID AMOUNT
0120	653-1502	THERMO SOLID TRAF ST 5 IN, YEL	LF	2,754.00			
						DOLLARS	
						CENTS	
0125	655-5000	PVMT ARROW THERM W/R REFLECTOR	EA	23.00			
						DOLLARS	
						CENTS	
0130	653-1704	THERM SOLID TRAF STRIPE, 24", WH	LF	192.00			
						DOLLARS	
						CENTS	
0135	653-1504	THERM SOLID TRAF STRIPE, 12", WH	LF	991.00			
						DOLLARS	
						CENTS	
0140	653-1804	THERM SOLID TRAF STRIPE, 8", WH	LF	1,653.00			
						DOLLARS	
						CENTS	

SR 5/ATLANTA ST. AT SR 120/SOUTH MARIETTA PKWY INTERSECTION IMPROVEMENTS

COBB COUNTY

PI NUMBER: 0012606

DATE: 05 AUGUST 2015

ITEM #	PAY ITEM #	ITEM OF WORK	UNIT	QUANTITY	UNIT BID AMOUNT IN WORDS	UNIT BID AMOUNT	BID AMOUNT
0145	647-1000	TRAF SIGNAL INSTALLATION NO - 1	LS	1.00			
					DOLLARS		
						CENTS	
0150	900-0039	BRICK PAVERS	SF	2,498.00			
					DOLLARS		
						CENTS	
0155	900-0039	BRICK PAVERS TRUNCATED DOMES	SF	120.00			
					DOLLARS		
						CENTS	
0160	607-3000	STONE FACING GRANITE - NEW WALLS	SF	7,166.00			
					DOLLARS		
						CENTS	
0165	607-3000	STONE FACING GRANITE - EXISTING WALL	SF	3,540.00			
					DOLLARS		
						CENTS	

SR 5/ATLANTA ST. AT SR 120/SOUTH MARIETTA PKWY INTERSECTION IMPROVEMENTS

COBB COUNTY

PI NUMBER: 0012606

DATE: 05 AUGUST 2015

ITEM #	PAY ITEM #	ITEM OF WORK	UNIT	QUANTITY	UNIT BID AMOUNT IN WORDS	UNIT BID AMOUNT	BID AMOUNT
0170	708-1000	PLANT TOP SOIL	CY	297.00			
					DOLLARS		
					CENTS		
0175	702-0030	ACER RUBRUM - OCTOBER GLORY	3" CAL	8.00			
					DOLLARS		
					CENTS		
0180	702-0542	LAGERSTROEMIA INDICA - NATCHEZ	8'-10' HEIGHT	7.00			
					DOLLARS		
					CENTS		
0185	702-0006	ABELIA X GRANDIFLORA - ROSE CREEK	3 GALLON	15.00			
					DOLLARS		
					CENTS		
0190	702-0095	BERBERIS THUNBERGII - CRIMSON PYGMY BARBERRY	1 GALLON	151.00			
					DOLLARS		
					CENTS		

SR 5/ATLANTA ST. AT SR 120/SOUTH MARIETTA PKWY INTERSECTION IMPROVEMENTS

COBB COUNTY

PI NUMBER: 0012606

DATE: 05 AUGUST 2015

ITEM #	PAY ITEM #	ITEM OF WORK	UNIT	QUANTITY	UNIT BID AMOUNT IN WORDS	UNIT BID AMOUNT	BID AMOUNT
0195	702-0254	EUONYMUS ALATUS - WINGED EUONYMUS	3 GALLON	22.00			
					DOLLARS		
						CENTS	
0200	702-0470	ILEX VOMITORIA - DWARF YAUPON HOLLY	1 GALLON	30.00			
					DOLLARS		
						CENTS	
0205	702-0610	LOROPETALUM CHINESE - BURGUNDY LOROPETALUM	3 GALLON	4.00			
					DOLLARS		
						CENTS	
0210	702-0977	RHAPHIOLEPIS INDICA - INDIAN PRINCESS	3 GALLON	86.00			
					DOLLARS		
						CENTS	
0215	702-0285	GELSEMIUM SEMPERVIRENS - CAROLINA JESSAMINE	1 GALLON	126.00			
					DOLLARS		
						CENTS	

SR 5/ATLANTA ST. AT SR 120/SOUTH MARIETTA PKWY INTERSECTION IMPROVEMENTS

COBB COUNTY

PI NUMBER: 0012606

DATE: 05 AUGUST 2015

ITEM #	PAY ITEM #	ITEM OF WORK	UNIT	QUANTITY	UNIT BID AMOUNT IN WORDS	UNIT BID AMOUNT	BID AMOUNT
0220	702-0678	MULENBERGIA CAPILLARIS - PINK MUHLY GRASS 3 GAL.	3 GALLON	138.00			
						DOLLARS	
						CENTS	
0225	702-7501	TREE PROTECTION FENCING	LF	855.00			
						DOLLARS	
						CENTS	
0230	643-8200	BARRIER FENCE, (ORANGE) 1.2 M	LF	2,395.00			
						DOLLARS	
						CENTS	
0235	611-5120	RESET CONC. R/W MARKER	EA	4.00			
						DOLLARS	
						CENTS	
0240	702-9025	LANDSCAPE MULCH	SY	500.00			
						DOLLARS	
						CENTS	
0245	610-0355	REMOVE CONC CURB AND GUTTER ALL SIZES	LF	1,133.00			
						DOLLARS	
						CENTS	

SR 5/ATLANTA ST. AT SR 120/SOUTH MARIETTA PKWY INTERSECTION IMPROVEMENTS

COBB COUNTY

PI NUMBER: 0012606

DATE: 05 AUGUST 2015

ITEM #	PAY ITEM #	ITEM OF WORK	UNIT	QUANTITY	UNIT BID AMOUNT IN WORDS	UNIT BID AMOUNT	BID AMOUNT
0250	402-1801	RECYCLED ASPH CONC PATCHING, INCL BITUM MATL	TN	74.00			
					DOLLARS		
					CENTS		
0255	550-1150	STM DR PIPE 15", H 1-10	LF	21.00			
					DOLLARS		
					CENTS		
0260	610-5715	REM CATCH BASIN, DROP INLET OR JCT BOX	EA	2.00			
					DOLLARS		
					CENTS		
0265	611-3001	RECONSTR CATCH BASIN, GROUP 1, ADDL DEPTH	LF	2.50			
					DOLLARS		
					CENTS		
0270	610-1880	REM STORM DRAIN PIPE	LF	103.00			
0275	636-1020	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	SF	63.00			
					DOLLARS		
					CENTS		

SR 5/ATLANTA ST. AT SR 120/SOUTH MARIETTA PKWY INTERSECTION IMPROVEMENTS

COBB COUNTY

PI NUMBER: 0012606

DATE: 05 AUGUST 2015

	PAY ITEM #	ITEM OF WORK	UNIT	QUANTITY	UNIT BID AMOUNT IN WORDS	UNIT BID AMOUNT	BID AMOUNT
0280	636-2070	GALV STEEL POSTS, TP 7	LF	112.00			
					DOLLARS		
					CENTS		
0285	636-2080	GALV STEEL POSTS, TP 8	SF	37.00			
					DOLLARS		
					CENTS		
0290	636-2090	GALV STEEL POSTS, TP 9	LF	17.00			
					DOLLARS		
					CENTS		
0295	636-3010	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	EA	1.00			
					DOLLARS		
					CENTS		
0300	638-1003	STR SUPPORT OVHD, SIGN, TP 3	EA	1.00			
					DOLLARS		
					CENTS		
0305	636-1036	HIGHWAY SIGNS, TP 1, TP 11	SF	60.00			
					DOLLARS		
					CENTS		

SR 5/ATLANTA ST. AT SR 120/SOUTH MARIETTA PKWY INTERSECTION IMPROVEMENTS

COBB COUNTY

PI NUMBER: 0012606

DATE: 05 AUGUST 2015

0310	639-4004	STRAIN POLE, TP 4	EA	4.00			
					DOLLARS		
					CENTS		
0315	636-1033	HIGHWAY SIGNS, TP 1, TP 9	SF	14.00			
					DOLLARS		
					CENTS		
0320	441-0204	PLAIN CONC DITCH PAVING, 4IN	SY	228.00			
					DOLLARS		
					CENTS		
0325	511-1000	BAR REINF STEEL	LB	110,379.00			
					DOLLARS		
					CENTS		
0330	530-0105	WATERPROOFING	SY	55.00			
					DOLLARS		
					CENTS		
0335	763-0110	BUS PAVILION	LS	1.00			
					DOLLARS		
					CENTS		
TOTAL BID AMOUNT FOR ATLANTA ST AT MARIETTA PKWY INTERSECTION IMPROVEMENT PROJECT					\$		
					DOLLARS		
					CENTS		

Failure to complete the work within the duration given in item 3.2 plus any extension authorized in writing by the City shall entitle the City to deduct as "Liquidated Damages" from the monies due the contractor the amount shown in GDOT Specifications for each calendar day in excess of the authorized construction time. See Section 108 of GDOT Specifications. Damages will accrue at \$1,000 per day for every calendar day beyond the specified 270 calendar days unless otherwise authorized by the City of Marietta.

3.5 CONSTRUCTION SCHEDULE:

The Contractor shall prepare a detailed schedule showing progress dates and completion dates of all phases. The schedule shall be presented to the Project Manager prior to commencing work. The Contractor will be responsible for keeping a Daily Diary to be approved by the Area Engineer for GDOT. The Sponsor will also keep a daily diary.

3.6 LAYOUT OF THE WORK:

The Contractor will layout his own construction survey and be responsible for all measurements in connection therein.

3.7 PAYMENT:

The quantities of Work shown on the drawings are approximate and are assumed solely for comparison of the proposals. They are not guaranteed to be accurate statements or estimates of quantities of Work that are to be performed under the Contract, and any departure, therefrom will not be accepted as valid grounds for any claim for damages, for extension of time or for loss of profits; nor will any additional payments other than that bid, be made regardless of the actual quantities required or ordered to complete the Work. Payment shall be made monthly based on the lump sum percentages of work completed.

3.8 SAFETY:

The project will be open to traffic at all times. Traffic safety is paramount. The contractor will be responsible for all traffic signage, in accordance with the Manual on Uniform Traffic Control Devices, the Georgia Department of Transportation, and all other safety measures that will enhance the safety of the construction site. This item will not be included as a separate pay item but shall be included as a part of the contract.

3.9 PRE-CONSTRUCTION CONFERENCE:

The Sponsor, Contractor, GDOT Project Manager, and GDOT Area Engineer shall attend a pre-construction conference prior to commencing any work. The DBE firms to be used on this project as identified on the DBE Goals Form are to be invited to the pre-construction conference to assure such firms are known to all parties and steps are taken to assure their use on the project.

3.10 DRUG-FREE WORKPLACE CERTIFICATION:

The contractor is required to certify a drug-free workplace for all employees including subcontractors.

3.11 BUY AMERICA

All manufacturing processes for steel and iron materials and steel and iron coatings permanently incorporated into this project must occur in the United States of America. However, pig iron processed, pelletized, or reduced iron ore used in the production of these products may be manufactured outside the United States.

This requirement, however, does not prevent a minimal use of foreign materials and coatings, provided the cost of materials and coatings used does not exceed one-tenth (0.1 percent) of the total contract cost or \$2,500, whichever is greater.

3.12 WORK STOPPAGE

In the event of the discovery of significant archaeological remains, construction shall be stopped and the City shall notify the Georgia Department of Natural Resources of the discovery. In this context, to be "significant", such remains would have to be able to provide important and non-redundant information that could not be obtained from other sources. The City shall notify the Georgia Department of Natural Resources of the discovery of intact cultural features such as, but not limited to, foundations and wells. The construction shall remain stopped until the Georgia Department of Natural Resources has completed their evaluation of the remains.

3.13 SECTION RESERVED

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