

# Partial for Road and Bridge Project 1293

## Unit of Measure Pay Estimate

**ESTIMATE NO: 8**

**This Estimate Date: 1/11/2012**

**Page 1 of 5**

COVERING PERIOD: 12/1/2011 THROUGH 1/10/2012	CONTRACT AWARDED: 3/22/2011	WORK COMMENCED: 5/23/2011
MAINTENANCE OR CONSTRUCTION: Construction	SUBSTANTIAL COMPLETION:	WORK COMPLETED:
CONTRACTOR: SERCO CONSTRUCTION GROUP, LTD.	PERCENT COMPLETE THIS ESTIMATE: 66.33	
PROJECT NAME: <b>SENS ROAD OFFSITE DRAINAGE IMPROVEMENTS - PCT. 2</b>		

DESCRIPTION: SENS ROAD OFFSITE DRAINAGE IMPROVEMENTS FROM 300' NORTH OF SPENCER TO 300' NORTH OF NORTH H STREET

PURCHASE ORDER NO.: P186796                      JOB NO: 10/0389

ITEM	UNIT OF MEASURE	CONTRACT ESTIMATE QUANTITY	TOTAL WORK DONE THIS ESTIMATE QUANTITY	TOTAL WORK DONE PREVIOUS ESTIMATE QUANTITY	TOTAL WORK DONE TO DATE ESTIMATE QUANTITY	PERCENT COMPLETE	CONTRACT PRICE	AMOUNT
<b>1 - STORM WATER DETENTION BASIN (A104-07-00)</b>								
1. Project Sign	EA.	2.000	0.000	2.000	2.000	100%	\$600.00	\$1,200.00
2. Clearing and Grubbing	ACRE	11.000	0.000	11.000	11.000	100%	\$3,575.00	\$39,325.00
3. Excavation for Detention Basin, Inflow Weir, and Outfall Complete In Place	C.Y.	69825.000	0.000	69825.000	69825.000	100%	\$6.48	\$452,466.00
4. Class "D"-5" Thickness Concrete for Pilot Channel and Inflow (1)	S.Y.	2540.640	0.000	768.460	768.460	30%	\$44.09	\$33,881.40
5. Backslope Interceptor Structure Including Concrete Apron	EA.	5.000	0.000	5.000	5.000	100%	\$860.00	\$4,300.00
6. Sheet Pile Weir Structure (PZ 27), Complete In Place	L.F.	125.000	0.000	125.000	125.000	100%	\$1,267.00	\$158,375.00
7. 24" Corrugated Metal Pipe For Ditch Interceptor Structures, Complete In Place	L.F.	313.000	0.000	313.000	313.000	100%	\$39.56	\$12,382.28
8. 24" Corrugated Metal Pipe For Outfall Structure, Complete In Place	L.F.	119.000	0.000	119.000	119.000	100%	\$39.56	\$4,707.64
9. 24" Reinforced Concrete Pipe For Outfall Structure, Complete In Place	L.F.	45.000	0.000	45.000	45.000	100%	\$66.71	\$3,001.95
10. Install And Maintain Trench Safety System (10' To 15') For Outfall Pipes, Complete In Place (1)	L.F.	488.000	0.000	488.000	488.000	100%	\$7.23	\$3,528.24
11. Precast Standard Depth Manhole For Outfall, Complete In Place	EA.	1.000	0.000	1.000	1.000	100%	\$3,577.59	\$3,577.59
12. Broken Concrete Riprap (18") Gradation No. 1 For Outfall And Inflow, Complete In Place	S.Y.	1375.000	0.000	1375.000	1375.000	100%	\$32.02	\$44,027.50
<b>2 - STORM WATER CHANNEL IMPROVEMENTS (A104-07-00)</b>								
13. Clearing And Grubbing	ACRE	11.000	0.000	6.270	6.270	57%	\$409.00	\$2,564.43
14. Remove Exist. Concrete, All Depths, As Shown On Plans (1)	S.Y.	361.720	0.000	361.720	361.720	100%	\$8.00	\$2,893.76
15. Remove Exist. 24" CMP, As Shown On Plans (1)	L.F.	244.000	0.000	244.000	244.000	100%	\$15.19	\$3,706.36
16. Remove Exist. 84" CMP, As Shown On Plans	L.F.	190.000	0.000	138.000	138.000	73%	\$18.02	\$2,486.76
17. Remove And Store In RR Row Exist. Railroad Tracks, Ties And Ballast, As Shown On Plans	L.F.	130.000	0.000	130.000	130.000	100%	\$54.54	\$7,090.20

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<b>2 - STORM WATER CHANNEL IMPROVEMENTS (A104-07-00) (CONTINUED)</b>								
18. Channel Excavation Including Grading & Filling Adjacent Areas As Specified On The Plans, Complete In Place	C.Y.	21494.000	0.000	12145.000	12145.000	57%	\$4.54	\$55,138.30
19. Sheet Pile Drop Structure (PZ 27), Complete In Place	L.F.	40.000	0.000	40.000	40.000	100%	\$1,543.00	\$61,720.00
20. Type E-Special Inlets, Complete In Place	EA.	2.000	0.000	0.000	0.000	0%	\$1,562.00	\$0.00
21. Class D, 5" Thickness Concrete Channel Slope Paving	S.Y.	7719.000	0.000	3897.840	3897.840	50%	\$39.70	\$154,744.25
22. Class D, 8" Thickness Rectangular Concrete Channel Lining For Low Flow Section	S.Y.	4769.000	759.060	1805.220	2564.280	54%	\$121.77	\$312,252.38
23. Broken Concrete Riprap (18") Gradation No. 1, Complete In Place	S.Y.	2633.000	0.000	1957.770	1957.770	74%	\$32.02	\$62,687.80
24. (4) 10' X 3' Reinf. Conc. Box Culvert Extensions, Includes Removal Of Headwalls and Connection To Exist. (2) 10'x3' And (1) 20'x3' Rcb's	L.F.	286.000	0.000	0.000	0.000	0%	\$284.46	\$0.00
25. Corrugated Metal Pipe-Pre-Coated-Galvanized (8 Gauge)(14' X 8.5'), Including Conc. Collars, Complete In Place (1)	L.F.	104.500	0.000	104.500	104.500	100%	\$1,367.00	\$142,851.50
26. Backslope And Offsite Ditch Interceptor Structure Including Concrete Apron, Complete In Place	EA.	9.000	0.000	0.000	0.000	0%	\$860.00	\$0.00
27. 24" Corrugated Metal Pipe For Ditch Interceptor Structures, Complete In Place	L.F.	534.000	0.000	482.000	482.000	90%	\$39.56	\$19,067.92
28. 30" Corrugated Metal Pipe For Offsite Ditch Interceptor Structures, Complete In Place	L.F.	91.000	0.000	0.000	0.000	0%	\$53.36	\$0.00
29. Structural Concrete For Headwall Sta 66+49, Complete In Place	C.Y.	6.000	0.000	0.000	0.000	0%	\$416.68	\$0.00
30. Structural Concrete Box Culvert And Wingwalls At RR Crossing, Complete In Place	C.Y.	769.000	0.000	757.710	757.710	99%	\$260.99	\$197,754.73
31. Seal Slab, Class D Concrete, 4" Thickness	S.Y.	2976.000	248.880	1426.860	1675.740	56%	\$21.09	\$35,341.36

**3 - STORM WATER POLLUTION PREVENTION PLAN**

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<b>3 - STORM WATER POLLUTION PREVENTION PLAN (CONTINUED)</b>								
32. Furnish, Install, Maintain And Remove Stabilized Construction Access, Type 1	S.Y.	444.000	0.000	444.000	444.000	100%	\$10.44	\$4,635.36
33. Turf Establishment (Hydromulch Seeding) Channel Slopes Including Top Soil With Ultrabond 2000 Or Equivalent With An Application Rate And 6-Month Duration (Cost Of Seed, Mulch, Tackifier, Fertilizer And Topsoil And All Associated Work Is Incidental) (1)	ACRE	0.000	0.000	0.000	0.000	100%	\$2,130.00	\$0.00
34. Furnish, Install, Maintain And Remove Filter Fabric Fence (1)	L.F.	0.000	0.000	0.000	0.000	100%	\$1.19	\$0.00
35. Furnish, Install, Maintain And Remove Reinforced Filter Fabric Barrier (1)	L.F.	7400.000	0.000	7400.000	7400.000	100%	\$1.67	\$12,358.00
36. Furnish, Install And Maintain Block Sodding (Anchored)	S.Y.	7266.000	0.000	1800.000	1800.000	25%	\$4.22	\$7,596.00
37. Furnish, Install And Maintain Concrete Truck Wash Out Structures	L.S.	1.000	0.000	1.000	1.000	100%	\$954.65	\$954.65
38. Inlet Protection Barriers (Complete In Place)	EA.	14.000	0.000	0.000	0.000	0%	\$71.43	\$0.00
39. TPDES General Permit No. TXR150000; Notice Of Intent (NOI), Application Fees (Contractor's NOIFee And Harris County's NOIFee)	EA.	2.000	0.000	2.000	2.000	100%	\$325.00	\$650.00
40. SWPP Inspection And Maintenance ( \$6,000.00 / Month Minimum Bid)	MO	7.000	2.000	5.000	7.000	100%	\$6,000.00	\$42,000.00
41. Furnish, Install, Maintain, And Remove Type 1 Rock Filter Dam	L.F.	253.000	0.000	253.000	253.000	100%	\$47.62	\$12,047.86
<b>4 - EXTRA WORK ITEMS</b>								
42. Structural Concrete	C.Y.	5.000	0.000	4.500	4.500	90%	\$416.68	\$1,875.06
<b>6 - ITEMS ASSOCIATED WITH CIC# 10/0389-1</b>								
43. 3' x 5' TOE WALL ADDITION TO CONCRETE CHANNEL LINING FOR LOW FLOW SECTION	EA	32.000	1.000	0.000	1.000	3%	\$1,845.00	\$1,845.00

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<b>6 - ITEMS ASSOCIATED WITH CIC# 10/0389-1 (CONTINUED)</b>								
44. DISPOSAL OF NON-HAZARDOUS SPOILS ENCOUNTERED DURING CHANNEL EXCAVATION TO HPP RECYCLE FACILITY	TON	12750.000	0.000	0.000	0.000	0%	\$14.76	\$0.00

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Fund \$ _____ Fund \$ _____ Fund \$ _____ _____ County Auditor/Date	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black;">Total amount of work done to-date</td> <td style="border-bottom: 1px solid black; text-align: right;">\$1,905,034.28</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Amount Retained (5%)</td> <td style="border-bottom: 1px solid black; text-align: right;">\$95,251.71</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Previous payments</td> <td style="border-bottom: 1px solid black; text-align: right;">\$1,703,834.18</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Damages and items in contract not performed</td> <td style="border-bottom: 1px solid black; text-align: right;">\$0.00</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Total deductions</td> <td style="border-bottom: 1px solid black; text-align: right;">\$1,799,085.89</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Amount due for payment</td> <td style="border-bottom: 1px solid black; text-align: right; border: 2px solid black;">\$105,948.39</td> </tr> </table>	Total amount of work done to-date	\$1,905,034.28	Amount Retained (5%)	\$95,251.71	Previous payments	\$1,703,834.18	Damages and items in contract not performed	\$0.00	Total deductions	\$1,799,085.89	Amount due for payment	\$105,948.39
Total amount of work done to-date	\$1,905,034.28												
Amount Retained (5%)	\$95,251.71												
Previous payments	\$1,703,834.18												
Damages and items in contract not performed	\$0.00												
Total deductions	\$1,799,085.89												
Amount due for payment	\$105,948.39												

This estimate contains no payment for stored material  
 This estimate contains payment for stored materials. Exact quantity of stored material is itemized on attached "Stored Material Form" Supporting documentation is also attached.

Number of Inclement Weather Days This Period: 0  
 Number of Inclement Weather Days to Date: 10

### Approvals

\_\_\_\_\_  
 Architect/Engineer in Charge/Date

\_\_\_\_\_  
 Director or Designee/Date

Total Calendar Days Allowed By Contract (210 + 30)	240	
Total Calendar Days Used To Beginning of Period	192 + 0	S.C
Calendar Days Used This Period	41 + 0	S.C
Total Calendar Days Used At End Of This Period	233 + 0	S.C
Balance Of Calendar Days Allowed Under Contract	7	

Original Days: 210	Original Amount: \$2,581,065.00
<b>Change in Contracts</b>	
0 Days and \$290,871.89	Added by No. 10/0389-1 (1)
30 Days and \$0.00	Added by No. 10/0389-2 (2)
Total Contract Days: 240      Total Contract Amount: \$2,871,936.8	

DAMAGES			
Liq. Damages per Day:	\$0.00	for	0 Days This Estimate
Total Liq. Damages:	\$0.00	for	0 Days Total Project
Non-Liquidated Damages this Estimate:	\$0.00		
Total Non-Liquidated Damages:	\$0.00		

DAMAGES DESCRIPTION

audited by \_\_\_\_\_  
 date audit completed \_\_\_\_\_  
 comments \_\_\_\_\_

The below named Project Manager certifies that the work has progressed as above and complies with the contract documents.

Project Manager \_\_\_\_\_ Date \_\_\_\_\_