VOID

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	STP00-1257-00(008)	728	969

Opinion of Probable Construction Costs

Project Description: S.R. 53/MARS HILL/OCONEE CONNECTOR UTILITY RELOCATION
Design Phase: Final Design - Based on plans dated October 2013
By: Kurt Mueller, Precision Planning, Inc.

* Note: Quantities for side roads are included under the mainline sheet number.

WATER FACILITIES

ITEM CODE	ITEM DESCRIPTION	UNIT	44-03	44-04	44-05	44-06	44-07	44-08	44-09	44-10	44-11	44-12	44-13	44-14	44-15	44-16	44-17	44-18	44-19	44-20	44-21	44-22	44-23	44-24	44-25	44-26	44-27	44-28	44-29	44-30	44-31	Total number of units
600-0001	FLOWABLE FILL	CY	Flowable fill not counted by individual sheets																													496
610-7015	REMOVE VAULT	EA																									1					1
615-1000	JACK OR BORE PIPE, 12 IN	LF			50					50								50								40						190
615-1000	JACK OR BORE PIPE, 18 IN	LF					50	50		50		100		50	50							55		55		50						510
615-1000	JACK OR BORE PIPE, 18 IN	LF																										110			70	180
615-1000	JACK OR BORE PIPE, 24 IN	LF																													150	150
670-0500	BUTTERFLY VALVE, 16 IN	EA	1				1	2	1		2	2			1	1		12			1	1		2	2	1	1	1		1	1	34
670-1010	WATER MAIN, PVC, 2 IN	LF					5			100															25							130
670-1010	WATER MAIN, DUCTILE IRON, 6 IN	LF		15	117					158		15			12			178				20		60	194	101	40					910
670-1010	WATER MAIN, DUCTILE IRON, 8 IN	LF					298	48	35	210	31	274		29	173						25	196	20	156	30	255						1780
670-1010	WATER MAIN, DUCTILE IRON, 12 IN	LF	39				75				37	40					74	97			45	90		491	12			232			125	1357
670-1010	WATER MAIN, DUCTILE IRON, 16 IN	LF	Main line water main not counted by individual sheets																													16525
670-2380	REMOVE WATER MAIN, 12 IN OR LESS	LF					60										120				150											330
670-1600	CUT AND PLUG EXISTING WATER MAIN	EA	1	1			6	1	1	4	2	2		1	1	2	4	3			4	4			2		5	3			1	48
670-9970	PRESSURE REDUCING / SUSTAINING VALVE, 12 IN	EA																							1							1
670-2008	GATE VALVE, 6 IN	EA								1												1		1	1	1	2					7
670-2008	GATE VALVE, 8 IN	EA					2	1	1	1	1	2		1	1						1	2	1				2					16
670-2008	GATE VALVE, 12 IN	EA	1				1	1			1					1		2			1	1		1	2			2			1	15
670-2500	INSERTION VALVE, 6 IN	EA																						1								1
670-2500	INSERTION VALVE, 8 IN	EA																						1								1
670-2500	INSERTION VALVE, 12 IN	EA	1					1														1						2				5
670-3015	TAPPING SLEEVE & VALVE ASSEMBLY, 12" x 12"	EA	1																									1				2
670-4000	FIRE HYDRANT	EA	1		2		1	1	1	3		2		1	1	1		1	1		1	1	1	2	1	2	1	2		1	1	29
670-5800	WATER METER, 1 IN OR LESS	EA														5																5
670-5000	WATER SERVICE LINE, 1 IN	EA		120												421					109	122	8			22						802
670-5000	WATER SERVICE LINE, 2 IN	EA			126	5	5											31			114											281
670-5000	WATER SERVICE LINE, 3/4 IN	EA		24		5			6	30	6			5		5			5	6					6	6						105
670-7000	STEEL CASING, 12 IN	LF			70					65								50								50						235
670-7000	STEEL CASING, 16 IN	LF					60	50		40		120		60	60							55		55		70						570
670-7000	STEEL CASING, 18 IN	LF																										40				40
670-7000	STEEL CASING, 24 IN	LF																							40	40						80
670-9730	RELOCATE EXIST WATER METER, INCL BOX	EA		2		2	1		1	5	1			1		1		1	1	1	3	3	1		1	3						26
670-9910	REMOVE EXIST WATER VALVE, INCL BOX	EA	2				1	2			1					1		2			1	2		1			1					14
670-9920	REMOVE EXIST FIRE HYDRANT	EA		1		1	1	1	1	2		1			1	1		1	1		1	1	1	2		2		2	1		1	23

SEWER FACILITIES

ITEM CODE	ITEM DESCRIPTION	UNIT	44-03	44-04	44-05	44-06	44-07	44-08	44-09	44-10	44-11	44-12	44-13	44-14	44-15	44-16	44-17	44-18	44-19	44-20	44-21	44-22	44-23	44-24	44-25	44-26	44-27	44-28	44-29	44-30	44-31	Total number of units
600-0001	FLOWABLE FILL	CY																								10						10
611-6050	ADJUST MANHOLE TO GRADE	EA	2																									2				4
611-3020	RECONSTR SAN SEW MANHOLE, TYPE 1	EA																									2	2				4
611-3021	RECONSTR SAN SEW MANHOLE, TYPE 1, ADDL DEPTH, CL 1	LF																									2	2				4
615-1000	JACK OR BORE PIPE, 16 IN	LF																								50						50
670-7000	STEEL CASING, 16 IN	LF																								70						40
660-1500	SEWER FORCE MAIN, DUCTILE IRON, 4 IN	LF	445	1143	849	609	571																									3617
660-1500	SEWER FORCE MAIN, DUCTILE IRON, 6 IN	LF																								220	572	140				932
660-1510	SEWER GRAVITY MAIN, DUCTILE IRON, 8 IN	LF																														
668-3300	SAN SEWER MANHOLE, TP 1	EA																														
668-3311	SAN SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	LF																														
660-2040	AIR RELEASE VALVE ASSEMBLY, 2 IN	EA		2																						1						3
670-1600	CUT AND PLUG EXISTING SEWER MAIN	EA	2		1	2	5																			1	1	2				14

GEORGIA REGISTERED No. 036155 PROFESSIONAL ENGINEER 8/13/13 MICHAEL TODD PARKER

GEORGIA811 Utilities Protection Center, Inc. Know what's below. Call before you dig.

REVISIONS							
△	DATE	BY	DESCRIPTION	△	DATE	BY	DESCRIPTION

PRECISION PLANNING, INC.
PLANNERS, ENGINEERS ARCHITECTS & SURVEYORS
400 PIKE BLVD. P.O. BOX 2216
LAWRENCEVILLE, GA 30046
(770) 338-8000

	NAME	DATE		NAME	DATE		NAME	DATE
DESIGNED BY			DRAWN BY			QUANTITIES BY		
CHECKED BY			CHECKED BY			CHECKED BY		
SUPERVISED BY								

Department of Transportation
State of Georgia

S.R. 53/MARS HILL RD/OCONEE CONNECTOR
OCONEE COUNTY WATER AND SEWER RELOCATION PLANS
SUMMARY OF QUANTITIES

DRAWING NUMBER 44-02A