VOID

DATE$$$ TIME$$$ $USER$	PRF $$PENTABLE$$	DGN	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
			GA	STP00-1267-00(008)	39	969

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 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
FLOWABLE FILL	CY	Flowable fill not counted by individual sheets																													498
REMOVE VAULT	EA																									1					1
JACK OR BORE PIPE, 12 IN, STEEL CASING, 0.250 INCH THK	LF			50					50								50								40						190
JACK OR BORE PIPE, 16 IN, STEEL CASING, 0.250 INCH THK	LF					50	50		50		100		50	50							55		55		50						510
JACK OR BORE PIPE, 18 IN, STEEL CASING, 0.312 INCH THK	LF																										110			70	180
JACK OR BORE PIPE, 24 IN, STEEL CASING, 0.375 INCH THK	LF																													150	150
BUTTERFLY VALVE, 16 IN	EA	1				1	2	1		2	2			1	1		12			1	1		2	2	1	1	1		1	1	34
WATER MAIN, PVC, 2 IN	LF					5			100															25							130
WATER MAIN, DUCTILE IRON, 6 IN	LF		15	117					158		15			12			178				20		60	194	101	40					910
WATER MAIN, DUCTILE IRON, 8 IN	LF					298	48	35	210	31	274		29	173						25	196	20	156	30	255						1780
WATER MAIN, DUCTILE IRON, 12 IN	LF	39				75				37	40					74	97			45	90		491	12			232			125	1357
WATER MAIN, DUCTILE IRON, 16 IN	LF	Main line water main not counted by individual sheets																													16525
REMOVE WATER MAIN, 12 IN OR LESS	LF					60										120				150											330
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
PRESSURE REDUCING / SUSTAINING VALVE, 12 IN	EA																							1							1
GATE VALVE, 6 IN	EA								1												1		1	1	1	2					7
GATE VALVE, 8 IN	EA					2	1	1	1	1	2		1	1						1	2	1				2					16
GATE VALVE, 12 IN	EA	1				1	1			1					1		2			1	1		1	2			2			1	15
INSERTION VALVE, 6 IN	EA																						1								1
INSERTION VALVE, 8 IN	EA																						1								1
INSERTION VALVE, 12 IN	EA	1					1														1						2				5
TAPPING SLEEVE & VALVE ASSEMBLY, 12" x 12"	EA	1																									1				2
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
WATER METER, 1 IN OR LESS	EA														5																5
WATER SERVICE LINE, 1 IN	EA		120												421					109	122	8			22						802
WATER SERVICE LINE, 2 IN	EA			126	5	5											31			114											281
WATER SERVICE LINE, 3/4 IN	EA		24		5			6	30	6			5		6			5	6					6	6						105
STEEL CASING, 12 IN	LF			70					65								50								50						235
STEEL CASING, 16 IN	LF					60	50		40		120		60	60							55		55		70						570
STEEL CASING, 18 IN	LF																										40				40
STEEL CASING, 24 IN	LF																							40	40						80
RELOCATE EXIST WATER METER, INCL BOX	EA		2		2	1		1	5	1			1		1		1	1	1	3	3	1		1	3						28
REMOVE EXIST WATER VALVE, INCL BOX	EA	2				1	2			1					1		2			1	2		1			1					14
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 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
FLOWABLE FILL	CY																								10						10
ADJUST MANHOLE TO GRADE	EA	2																									2				4
RECONSTR SAN SEW MANHOLE, TYPE 1	EA																									2	2				4
RECONSTR SAN SEW MANHOLE, TYPE 1, ADDL DEPTH, CL 1	EA																									2	2				4
JACK OR BORE PIPE, 16 IN, STEEL CASING, 0.250 INCH THK	LF																								50						50
STEEL CASING, 16 IN	LF																								70						40
SEWER FORCE MAIN, DUCTILE IRON, 4 IN	LF	445	1143	849	609	571																									3617
SEWER FORCE MAIN, DUCTILE IRON, 8 IN	LF																								220	572	140				932
SEWER GRAVITY MAIN, DUCTILE IRON, 8 IN	LF																														
SAN SEWER MANHOLE, TP 1	EA																														
SAN SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	EA																														
AIR RELEASE VALVE ASSEMBLY, 2 IN	EA		2																						1						3
CUT AND PLUG EXISTING SEWER MAIN	EA	2		1	2	5																			1	1	2				14

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

		Moreland Altobelli Associates, Inc. 2211 Beaver Ruin Road Suite 190 Norcross, Georgia 30071 Telephone (770) 263-5945	NO SCALE	REVISION DATES 05-16-14	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: SUMMARY OF QUANTITIES OCONEE COUNTY WATER AND SEWER S.R. 53/MARS HILL RD/ OCONEE CONNECTOR DRAWING No. 6-19

1/5/2009 GQUANT

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