

Table 1 Scope of Utility Work

Preliminary

			SCDOT SHARE, \$		UTILITY SHARE, \$	
CONFLICT		PARTY RESPONSIBLE FOR UTILITY WORK	RELOCATION (Prior Rights)	RELOCATION (Utility Bill)	RELOCATION (Other)	BETTERMENTS
Saluda 30-inch Force Main (I-26 & I-126 Bridges)						
ALONG ROUTES:	I-26 at I-126 Interchange	SCDOT (In-Contract)	\$ 2,049,063.00	\$ -	\$ -	\$ -
SCOPE:	Relocate 1000 LF of the City of Columbia’s (COC) 30-in PCCP sanitary sewer force main with DIP from an existing manhole at I-126 Ramp D-B approximate Station 6006+00 Rt to a new manhole at I-26 approximate Station 387+50 Rt.	UTILITY (Design Reviews and CEI)	\$ 333,568.00	\$ -		
		Subtotal	\$ 2,382,631.00	\$ -	\$ -	\$ -
Saluda 30-inch Force Main (I-20 Bridge)						
ALONG ROUTES:	I-20 Bridge	SCDOT (In-Contract)	\$ 1,425,440.00	\$ -	\$ -	\$ -
SCOPE:	Relocate 600 LF of the COC 30-in PCCP sanitary sewer force main from a new manhole crossing I-20 at approximate Station 101+25 Lt, to a new manhole Rt offset 300’.	UTILITY (Design Reviews and CEI)	\$ 232,048.00	\$ -		
		Subtotal	\$ 1,657,487.00	\$ -	\$ -	\$ -
Bush River Road 12-inch Water Main (Crosses I-26)						
ALONG ROUTES:	Bush River Road and across I-26	SCDOT (In-Contract)	\$ 159,173.00	\$ 2,264,923.00	\$ -	\$ -
SCOPE:	Relocate 3,320 LF of the COC’s 12-in water main with 2,680 LF of 12-in DIP along Bush River Road from approximate Station 76+25 Lt, crossing I-26 at approximate station 363+75 with a new bore, to a new valve at approximate Browning Road Station 9370+25 Lt.	UTILITY (Design Reviews and CEI)	\$ 25,912.00	\$ 368,708.00		
		Subtotal	\$ 185,083.00	\$ 2,633,631.00	\$ -	\$ -
Days Inn and Lexington Green Condos 8-inch Water Main						
ALONG ROUTES:	Crossing Bush River Road from east of Zimalcrest to entrances of Days Inn and Lexington Green Condos	SCDOT (In-Contract)	\$ -	\$ -	\$ -	\$ -
SCOPE:	No impact anticipated	UTILITY (Design Reviews and CEI)	\$ -	\$ -		
		Subtotal	\$ -	\$ -	\$ -	\$ -
Zimalcrest Drive (off Bush River) 6-inch Water Main Tie-in						
ALONG ROUTES:	Zimalcrest Drive at Bush River Road	SCDOT (In-Contract)	\$ -	\$ -	\$ -	\$ -
SCOPE:	No impact anticipated	UTILITY (Design Reviews and CEI)	\$ -	\$ -		
		Subtotal	\$ -	\$ -	\$ -	\$ -

Zimalcrest Drive (off Bush River) 6-inch & 8-inch Relocation										
ALONG ROUTES:	Zimalcrest Drive off of Bush River Road Relocating COC’s 6” Water Main from a new valve at approximate station 9167+00 Rt along Rockland Drive to a new valve at approximate station 9171+50 Rt. Relocate and reconnect 8” Water Main at approximate Rockland Road station 9169+25.	SCDOT (In-Contract)	\$	-	\$	141,587.00	\$	-	\$	-
SCOPE:		UTILITY (Design Reviews and CEI)	\$	-	\$	23,049.00				
		Subtotal	\$	-	\$	164,634.00	\$	-	\$	-
Walmart (Bush River Road) Water Main Relocation										
ALONG ROUTES:	Bush River Road at Zimalcrest Drive and Walmart	SCDOT (In-Contract)	\$	-	\$	-	\$	-	\$	-
SCOPE:	No impact anticipated	UTILITY (Design Reviews and CEI)	\$	-	\$	-				
		Subtotal	\$	-	\$	-	\$	-	\$	-
12-inch Water Replacement at Bush River Road and Morning Hill Drive										
ALONG ROUTES:	Bush River Road and Morning Hill Drive	SCDOT (In-Contract)	\$	-	\$	-	\$	-	\$	-
SCOPE:	No impact anticipated	UTILITY (Design Reviews and CEI)	\$	-	\$	-				
		Subtotal	\$	-	\$	-	\$	-	\$	-
Morninghill Drive 6-inch Water (Re-connect to 12-inch) Tie-in										
ALONG ROUTES:	Morninghill Drive at Bush River Road	SCDOT (In-Contract)	\$	-	\$	-			\$	-
SCOPE:	No impact anticipated	UTILITY (Design Reviews and CEI)	\$	-	\$	-				
		Subtotal	\$	-	\$	-	\$	-	\$	-
24-inch Water Transmission Main (Bush River Road & Morninghill Drive)										
ALONG ROUTES:	Bush River Road and Morninghill Drive	SCDOT (In-Contract)	\$	-	\$	-	\$	-	\$	-
SCOPE:	No impact anticipated	UTILITY (Design Reviews and CEI)	\$	-	\$	-				
		Subtotal	\$	-	\$	-	\$	-	\$	-
Morninghill Drive 3-inch Water Main										
ALONG ROUTES:	Morninghill Drive north of Burnette Drive	SCDOT (In-Contract)	\$	-	\$	-	\$	-	\$	-
SCOPE:	No impact anticipated	UTILITY (Design Reviews and CEI)	\$	-	\$	-				
		Subtotal	\$	-	\$	-	\$	-	\$	-

Luster Lane 6-inch Water Main Tie-in						
ALONG ROUTES:	Luster Lane at Burnette Drive	SCDOT (In-Contract)	\$ -	\$ 39,269.00	\$ -	\$ -
SCOPE:	Reconnect 6-inch water main along Luster Lane to relocated 12-inch along Burnette Drive.	UTILITY (Design Reviews and CEI)	\$ -	\$ 6,393.00		
		Subtotal	\$ -	\$ 45,661.00	\$ -	\$ -
Burnette Drive 6-inch Water Main						
ALONG ROUTES:	Burnette Drive	SCDOT (In-Contract)	\$ -	\$ 18,625.00	\$ -	\$ -
SCOPE:	Abandon existing 6-inch water main along Burnette Drive.	UTILITY (Design Reviews and CEI)	\$ -	\$ 3,032.00		
		Subtotal	\$ -	\$ 21,655.00	\$ -	\$ -
Burnette Drive 2-inch Water Main						
ALONG ROUTES:	Burnette Drive	SCDOT (In-Contract)	\$ -	\$ 8,824.00	\$ -	\$ -
SCOPE:	Abandon existing 2-inch water main along Burnett Drive.	UTILITY (Design Reviews and CEI)	\$ -	\$ 1,436.00		
		Subtotal	\$ -	\$ 10,260.00	\$ -	\$ -
Fairhaven Drive 3-inch Water Main Tie-in (Connect to proposed 12-inch)						
ALONG ROUTES:	Fairhaven Drive at Burnette Drive	SCDOT (In-Contract)	\$ -	\$ 28,236.00	\$ -	\$ -
SCOPE:	Connect existing 3-inch water main along Fairhaven to new 12-inch main along Burnette Drive.	UTILITY (Design Reviews and CEI)	\$ -	\$ 4,597.00		
		Subtotal	\$ -	\$ 32,832.00	\$ -	\$ -
Browning Road (South) / Burnett Drive Water Main						
ALONG ROUTES:	Browning Road south of I-20	SCDOT (In-Contract)	\$ 116,841.00	\$ 52,836.00	\$ -	\$ -
SCOPE:	Consolidating existing 8" COC Water Mains into a 12" Water Main, starting at a new valve on Browning Road at approximate Station 9364+50 Lt, continuing along Browning Road/Burnett Drive to an existing valve at approximate Burnett Drive Station 9383+00.	UTILITY (Design Reviews and CEI)	\$ 19,021.00	\$ 8,601.00		
		Subtotal	\$ 135,860.00	\$ 61,437.00	\$ -	\$ -
LMC Warehouse 8-inch Fire Loop						
ALONG ROUTES:	LMC Warehouse off of Browning Road; south of I-20	SCDOT (In-Contract)	\$ -	\$ -	\$ -	\$ -
SCOPE:	No scope for City of Columbia. This is a private fire protection line.	UTILITY (Design Reviews and CEI)	\$ -	\$ -		
		Subtotal	\$ -	\$ -	\$ -	\$ -

24-inch Water Transmission Main (Browning Road, Burning Tree Drive, St Andrews Road)						
ALONG ROUTES:	I-20 Ramp, Browning Road, Burning Tree Drive, St Andrews Road	SCDOT (In-Contract)	\$ 752,130.00	\$ 3,551,926.00	\$ -	\$ -
SCOPE:	Relocating COC’s 24-in Water Main from an existing manhole at Burning Tree Drive at St. Andrews Road at approximate Station 9306+50 Lt, along Burning Tree Drive to a new manhole at approximate Station 9333+00 Lt. Relocating COC’s 24-in Water Main from new manhole at Browning Road approximate station 9340+50 to a new manhole at I-26 WB CD Road approximate station 7346+50.	UTILITY (Design Reviews and CEI)	\$ 122,440.00	\$ 578,221.00		
		Subtotal	\$ 874,569.00	\$ 4,130,146.00	\$ -	\$ -
Browning Road (North) 8-inch Water Main						
ALONG ROUTES:	Browning Road north of I-20 to Zimalcrest Drive	SCDOT (In-Contract)	\$ -	\$ -	\$ -	\$ -
SCOPE:	Relocate 8-inch water main to accommodate relocation of 24-inch transmission main	UTILITY (Design Reviews and CEI)	\$ -	\$ -		
		Subtotal	\$ -	\$ -	\$ -	\$ -
Zimalcrest Drive (off Burning Tree) 10-inch Water Main Tie-in						
ALONG ROUTES:	Zimalcrest Drive at Browning Road / Burning Tree Drive	SCDOT (In-Contract)	\$ -	\$ 52,527.00	\$ -	\$ -
SCOPE:	Relocate 10-inch water main to accommodate other relocations in the intersection and reconnect to existing 10-inch	UTILITY (Design Reviews and CEI)	\$ -	\$ 8,551.00		
		Subtotal	\$ -	\$ 61,076.00	\$ -	\$ -
SC Hospital Association 8-inch Fire Service Tie-in						
ALONG ROUTES:	Burning Tree Drive	SCDOT (In-Contract)	\$ 28,151.00	\$ -	\$ -	\$ -
SCOPE:	Reconnect existing fire service line to relocated 24-inch transmission main along Burning Tree Drive.	UTILITY (Design Reviews and CEI)	\$ 4,583.00	\$ -		
		Subtotal	\$ 32,733.00	\$ -	\$ -	\$ -
Burning Tree to Center Point Road 8-inch Water Main Connector						
ALONG ROUTES:	Burning Tree Drive	SCDOT (In-Contract)	\$ 16,674.00	\$ -	\$ -	\$ -
SCOPE:	Reconnect existing cross-country water main to Center Point Road to relocated 24-inch transmission main along Burning Tree Drive.	UTILITY (Design Reviews and CEI)	\$ 2,714.00	\$ -		
		Subtotal	\$ 19,387.00	\$ -	\$ -	\$ -
Burning Tree Commercial 6-inch Water Main						
ALONG ROUTES:	Burning Tree Drive	SCDOT (In-Contract)	\$ -	\$ 26,467.00	\$ -	\$ -
SCOPE:	Abandon existing 6-inch water main	UTILITY (Design Reviews and CEI)	\$ -	\$ 4,309.00		
		Subtotal	\$ -	\$ 30,774.00	\$ -	\$ -

Motel 6 10-inch Water Main						
ALONG ROUTES:	Crosses intersection of Burning Tree Drive at St Andrews Road	SCDOT (In-Contract)	\$ -	\$ -	\$ -	\$ -
		UTILITY (Design Reviews and CEI)	\$ -	\$ -		
	SCOPE:	No impact anticipated	Subtotal	\$ -	\$ -	\$ -
St Andrews Road 10-inch Water Main (North)						
ALONG ROUTES:	In St Andrews Road pavement north of intersection with Burning Tree Drive	SCDOT (In-Contract)	\$ -	\$ -	\$ -	\$ -
		UTILITY (Design Reviews and CEI)	\$ -	\$ -		
	SCOPE:	No impact anticipated	Subtotal	\$ -	\$ -	\$ -
Fernandina Road 8-inch (Fernandina Feeder)						
ALONG ROUTES:	Fernandina Road from St Andrews Road west to Evelyn Drive	SCDOT (In-Contract)		\$ 1,759,550.00	\$ -	\$ -
		UTILITY (Design Reviews and CEI)		\$ 286,438.00		
	SCOPE:	Relocating COC’s 8” Water Line from an existing valve at approximate station 9276+00 Lt along Fernandina Road to a new valve at approximate Fernandina Road station 9301+00 Lt.	Subtotal	\$ -	\$ 2,045,987.00	\$ -
Willow Creek Apartments 6-inch Water (Tie to Fernandina Feeder)						
ALONG ROUTES:	Fernandina Road	SCDOT (In-Contract)	\$ 14,905.00	\$ 14,905.00	\$ -	\$ -
		UTILITY (Design Reviews and CEI)	\$ 2,426.00	\$ 2,426.00		
	SCOPE:	Reconnect existing water service main to relocated 8-inch water main.	Subtotal	\$ 17,331.00	\$ 17,331.00	\$ -
Willow Creek Apartments 8-inch Water (Tie to Fernandina Feeder)						
ALONG ROUTES:	Fernandina Road	SCDOT (In-Contract)	\$ 19,683.00	\$ 19,683.00	\$ -	\$ -
		UTILITY (Design Reviews and CEI)	\$ 3,204.00	\$ 3,204.00		
	SCOPE:	Reconnect existing water service main to relocated 8-inch water main.	Subtotal	\$ 22,886.00	\$ 22,886.00	\$ -

Berryhill Drive 12-inch Water Main (Crosses I-26)						
ALONG ROUTES:	Berryhill Drive from St Andrews Road and across I-26 Relocate the COC 12-in Water Main along Berryhill Road from a new valve at approximate Station 9300+00 Rt at the St. Andrews Road interchange and to the east along Berryhill Road to new valve at approximate Station 9315+15 Rt. A new bore crossing I-26 for relocating the existing 12” crossing at approximate station 317+50. This new crossing will tie from a new valve at approximate Burning Tree Drive Station 6317+50 Lt to a new valve at approximate Berryhill Road station 9315+25 Rt.	SCDOT (In-Contract)	\$ -	\$ 3,173,889.00	\$ -	\$ -
SCOPE:		UTILITY (Design Reviews and CEI)	\$ -	\$ 516,680.00		
		Subtotal	\$ -	\$ 3,690,567.00	\$ -	\$ -
Berryhill Drive 6-inch Commercial Water Main						
ALONG ROUTES:	Berryhill Drive from Woodlands Hills Road	SCDOT (In-Contract)	\$ -	\$ 15,068.00	\$ -	\$ -
SCOPE:	Abandon existing 6-inch water mains and reconnect existing customers to relocated 12-inch along Berryhill Drive.	UTILITY (Design Reviews and CEI)	\$ -	\$ 2,453.00		
		Subtotal	\$ -	\$ 17,520.00	\$ -	\$ -
Woodland Hills Road 8-inch Water Main Tie-in						
ALONG ROUTES:	Woodland Hills Road at St Andrews Road and Berryhill Drive	SCDOT (In-Contract)	\$ -	\$ 93,580.00	\$ -	\$ -
SCOPE:	Relocating COC’s 8” Water Main from a new valve at approximate Woodland Hills Road station 91+75 to a new valve at approximate station 94+50.	UTILITY (Design Reviews and CEI)	\$ -	\$ 15,234.00		
		Subtotal	\$ -	\$ 108,814.00	\$ -	\$ -
St Andrews Road at Berryhill Drive 12-inch/10-inch Water Connector						
ALONG ROUTES:	St Andrews Road from Berryhill Drive	SCDOT (In-Contract)	\$ -	\$ 222,783.00	\$ -	\$ -
SCOPE:	Relocating the COC’s existing 10-in Water Main along St. Andrews Road from a new valve at approximate Station 19+00 Rt to a new valve at approximate Station 24+50 Rt. Connect from the new valve at Station 24+50 Rt to a new valve at the existing 10” water main at station 25+50 Lt.	UTILITY (Design Reviews and CEI)	\$ -	\$ 36,267.00		
		Subtotal	\$ -	\$ 259,050.00	\$ -	\$ -
Rockland Road 10-inch Water Main						
ALONG ROUTES:	Rockland Road off of Bush River Road	SCDOT (In-Contract)	\$ -	\$ -	\$ -	\$ -
SCOPE:	No impact anticipated	UTILITY (Design Reviews and CEI)	\$ -	\$ -		
		Subtotal	\$ -	\$ -	\$ -	\$ -

Hammerick's 10-inch Water Main						
ALONG ROUTES:	At intersection of Bush River Road and Rockland Road	SCDOT (In-Contract)	\$	-	\$	-
		UTILITY (Design Reviews and CEI)	\$	-	\$	-
		Subtotal	\$	-	\$	-
Double Tree Hotel Water Service						
ALONG ROUTES:	Bush River Road west of intersection with Rockland Road	SCDOT (In-Contract)	\$	-	\$	-
		UTILITY (Design Reviews and CEI)	\$	-	\$	-
		Subtotal	\$	-	\$	-
SCOPE:	No impact anticipated					
Double Tree Hotel Fire Loop						
ALONG ROUTES:	Bush River Road west of intersection with Rockland Road	SCDOT (In-Contract)	\$	-	\$	-
		UTILITY (Design Reviews and CEI)	\$	-	\$	-
		Subtotal	\$	-	\$	-
SCOPE:	No impact anticipated					
Bush River Road 12-inch Water Main (Crossing I-20)						
ALONG ROUTES:	Bush River Road through I-20 interchange	SCDOT (In-Contract)	\$	-	\$	2,523,871.00
		UTILITY (Design Reviews and CEI)	\$	-	\$	410,863.00
		Subtotal	\$	-	\$	2,934,733.00
SCOPE:	Relocating COC's 12" Water Main along Bush River Road from approximate station 23+00 Lt to approximate station 36+00 Lt, including a new bore crossing I-20.					
Berry Hill Drive & Executive Center Drive 8-inch Water Main (West Portion)						
ALONG ROUTES:	Berry Hill Drive from Bush River Road to Executive Center Drive (west intersection)	SCDOT (In-Contract)	\$	-	\$	-
		UTILITY (Design Reviews and CEI)	\$	-	\$	-
		Subtotal	\$	-	\$	-
SCOPE:	No impact anticipated					
Berry Hill Drive & Executive Center Drive 8-inch Water Main (East Portion)						
ALONG ROUTES:	Berry Hill Drive and Executive Center Drive (east intersection)	SCDOT (In-Contract)	\$	-	\$	405,578.00
		UTILITY (Design Reviews and CEI)	\$	-	\$	66,024.00
		Subtotal	\$	-	\$	471,602.00
SCOPE:	Relocating COC's 8" Water Main from a new valve at approximate station 9336+50 Rt along Berryhill Road to a new valve at approximate station 9350+00 Lt.					

Bush River Road 8-inch Water Main Tie-in						
ALONG ROUTES:	Bush River Road west of I-20 interchange	SCDOT (In-Contract)	\$ -	\$ -	\$ -	\$ -
SCOPE:	Reconnect existing 8-inch water main to new 12-inch	UTILITY (Design Reviews and CEI)	\$ -	\$ -		
		Subtotal	\$ -	\$ -	\$ -	\$ -
Woodland Village Drive 6-inch Water Main						
ALONG ROUTES:	Woodland Village Drive at Bush River Road	SCDOT (In-Contract)	\$ -	\$ -	\$ -	\$ -
SCOPE:	No impact anticipated	UTILITY (Design Reviews and CEI)	\$ -	\$ -		
		Subtotal	\$ -	\$ -	\$ -	\$ -
Outlet Point Blvd 8-inch Water Main						
ALONG ROUTES:	Outlet Point Blvd at Bush River Road	SCDOT (In-Contract)	\$ -	\$ -	\$ -	\$ -
SCOPE:	No impact anticipated	UTILITY (Design Reviews and CEI)	\$ -	\$ -		
		Subtotal	\$ -	\$ -	\$ -	\$ -
I-20 24" Water Main Crossing						
ALONG ROUTES:	Crossing I-20 from Phase 2 Stub out to Gale Drive	SCDOT (In-Contract)	\$ -	\$ 525,000.00	\$ -	\$ -
SCOPE:	To be relocated in Phase 2. A new bore crossing I-20 at approximate station 187+50 Lt to Rt (sta. 177+50 in CCR Phase 2 alignment) for 24" Water Main, tying to the existing stub out on the 24" Water Main (187+50 Lt) installed as part of CCR Phase 2, and extending to the existing 24" Water Main on Morninghill Drive.	UTILITY (Design Reviews and CEI)	\$ -	\$ 73,500.00		
		Subtotal	\$ -	\$ 598,500.00	\$ -	\$ -
Gale Drive 3" Water Main						
ALONG ROUTES:	Gale Drive	SCDOT (In-Contract)	\$ -	\$ 75,000.00	\$ -	\$ -
SCOPE:	Relocating the existing 3" line along Gale Drive from a new valve at approximate station 12+50 to a new valve at station 20+00.	UTILITY (Design Reviews and CEI)	\$ -	\$ 10,500.00		
		Subtotal	\$ -	\$ 85,500.00	\$ -	\$ -
Jamil Road 8" Water Main						
ALONG ROUTES:	Jamil Road	SCDOT (In-Contract)	\$ -	\$ 1,420,000.00	\$ -	\$ -
SCOPE:	Relocating COC's 8" Water Line from a new manhole at the existing 12" water main at approximate station 9247+15 Rt, then continuing the relocation along Jamil Road to a new manhole at the existing 8" water main at approximate station 9295+00 Rt.	UTILITY (Design Reviews and CEI)	\$ -	\$ 198,800.00		
		Subtotal	\$ -	\$ 1,618,800.00	\$ -	\$ -
TOTAL			\$ 5,327,967	\$19,063,396.00	\$ -	\$ -