

PHASE II CAROLINA CROSSROAD_ BROAD RIVER RD & I-20_3 SECTIONS

1 - SOUTH EAST SECTION OF I-20 SEGRA MATERIAL LIST:

RETAIN EXISTING HH AT CORNER OF LONGCREEK DRIVE AND BROAD RIVER RD – 34.037407,-81.090988-108397 (1) 30"X48"X36" HH E/W SCDOT LID RATING 20,000 LBS OVERALL DEPTH 36"
PART#PG3048BA36 ANSI TIER 22 TO REMAIN AT CORNER OF LONGCREEK DRIVE AND BROAD RIVER RD AT 34.037407,-81.090988-108397

DIRECTIONAL BORE 650' AND PULL 750' OF 288CT FOC 2' INSIDE OF ROW

- DIRECTIONAL BORE 650' OF (3) - 1 ¼" HDPE CONDUITS [TOTAL 1,950' LF OF CONDUIT]
- PULL 750' 288 CT FOC (**tracer wire included**)

(1) INSTALL 30"X48"X36" HH E/W SCDOT LID RATING 20,000 LBS OVERALL DEPTH 36"
PART#PG3048BA36 ANSI TIER 22

(1) INSTALL 5/8"X8' COPPER CLAD ROD

(1) INSTALL HH MARKER

DIRECTIONAL BORE 800' FEET AND PULL 1,000' OF 288CT FOC 2' INSIDE NEW ROW

- DIRECTIONAL BORE 800' OF (3) - 1 ¼" HDPE CONDUITS [TOTAL 2,400' LF OF CONDUIT]
- PULL 1,000' 288 CT FOC (**tracer wire included**)

RETAIN 334' of (3)-1 ¼" CONDUIT EQUIPPED WITH (1) 288CT FOC LOCATED BETWEEN EXISTING 30"X48"X36" HH E/W SCDOT LID RATING 20,000 LBS OVERALL DEPTH 36" PART#PG3048BA36 ANSI TIER 22 LOCATED AT THE ROYAL INN @ 1323 GARNER LANE, COLUMBIA SC, TO 30"X48"X36" HH E/W SCDOT LID RATING 20,000 LBS OVERALL DEPTH 36" PART#PG3048BA36 ANSI TIER 22 LOCATED AT THE RAMADA LIMITED @ 1315 GARNER LANE, COLUMBIA SC

(1) REMOVE 30"X48"X36" HH E/W SCDOT LID RATING 20,000 LBS OVERALL DEPTH 36"
PART#PG3048BA36 ANSI TIER 22 AT 34.038656, (-)81.092449 - 108399

(1) REMOVE 5/8" X 8' COPPER CLAD ROD

(1) REMOVE HH MARKER

ABANDON 1,220' OF 288CT FOC AND ABANDON (3) 1 ¼ CONDUITS ALONG GARNER LANE AND BROAD RIVER ROAD BACK TO EXISTING HH LOCATED AT LONGCREEK DR AND BROAD RIVER RD.

*** MATERIALS MEET ALL REQUIREMENTS OF SCDOT STANDARDS**

NOTE:

ALL CUTOVERS TO EXISTING CUSTOMERS AND RELOCATION OF FACILITY CUT OVERS TO BE DONE BY SEGRA ONLY / LOOPS WILL BE LEFT IN NEW HH'S AND ON POLES TO DO CUT OVERS.

2 - RELOCATION OF AERIAL MAIN LINE - BROAD RIVER RD & I-20 SEGRA MATERIAL LIST:

BEGIN PROPOSED AERIAL 144CT FOC INSTALLATION AT **P1** P-06090 (SCE&G #319410) PLACE 438' OF STRAND. 538' 144CT FOC BETWEEN **P-1** AND **P-3** ***SEGRA WILL MAKE SPLICE POINT.**
[TOTAL 438' OF STRAND / TOTAL 538' 144 CT FOC]

BEGIN PROPOSED BURIED 144CT FOC INSTALLATION AT **P3** P-09890, PLACING 8' RISER AND U-GUARD AT BASE.

- BEGIN DIRECTIONAL BORE ALONG WITH PROPOSED POWER AND OTHER UTILITIES. BORE 1,050'
 - DIRECTIONAL BORE 1,050' OF (3) - 1 ¼ HDPE CONDUITS UNDER I-20 [TOTAL 3,150' LF OF CONDUIT]
 - PULL 1,050' 144 CT FOC CROSSING UNDER I-20
 - PLACE 100' 144 CT FOC LOOPS AT **P1** [TOTAL 100' 144 CT FOC]

BEGIN UNDERGROUND TO AERIAL INSTALLATION AT **P6** P-05380 (SCE&G #421620) INSTALL 8' RISER AND U-GUARD UP **P6** (P6 TO BE RELOCATED PER DE-PD AND POTENTIAL NEW PP AT STATION 224+00 LT) PLACE 918' OF STRAND. LASH 918' 144CT FOC FROM P6 TO **P9** P-05240 (SCE&G #0298029) LEAVE 100' LOOP AT **P9**. ***SEGRA WILL MAKE UP SPLICE POINT TO TIE INTO EXISITING 144CT FOC.** [TOTAL 918' OF STRAND / TOTAL 1,018' 144CT FOC]

- PLACE 100' 144 CT FOC LOOP AT **P9**

REMOVE 2,191' OF AERIAL 144CT FOC AND STRAND FROM **P9** P-05240 (SCE&G #0298029) BACK TO **P1** P-06090 (SCE&G #319410)

*** MATERIALS MEET ALL REQUIREMENTS OF SCDOT STANDARDS**

NOTE:

ALL CUTOVERS TO EXISTING CUSTOMERS AND RELOCATION OF FACILITY CUTOVERS TO BE DONE BY SEGRA ONLY / LOOPS WILL BE LEFT IN NEW HH'S AND ON POLES TO DO CUTOVERS.

3 - NORTH WEST SECTION OF I-20 SEGRA MATERIAL LIST:

BEGIN PROPOSED AERIAL 24CT FOC LEAVING 300' AERIAL LOOP, 35' DOWN **P9** P-05240 (SCE&G #0298029) INCLUDING 8' RISER AND U-GUARD. DIRECTIONAL BORE TO EXISTING CUSTOMER OWNED HH.

- DIRECTIONAL BORE WILL BE 100' AND PULL 200' 24CT FOC AND ALSO BORE IN 100' (3) 1 ¼ CONDUIT. LEAVE LOOP AT HH FOR CUT OVER. ***SEGRA WILL MAKE UP SPLICE POINT TO TIE INTO EXISTING CUSTOMER SERVICE.**
 - PLACE 300' 24 CT FOC AERIAL LOOP AT **P9**
 - DIRECTIONAL BORE 100' OF (3) - 1 ¼ HDPE CONDUITS [TOTAL 300' LF OF CONDUIT]
 - PULL 200' 24CT FOC (100' 24 CT FOC LOOP IN EXISTING HH)

ABANDON 327' OF 24CT FOC FROM EXISTING HH 34.041017, (-) 81.095712 - 56157 TO EXISTING CUSTOMER HH LOCATED AT 2350 BROAD RIVER RD.

ABANDON 598' OF BURIED 48CT FOC FROM **P6** P-05380 TO EXISTING SPIRIT COM HH AT 34.040887, (-) 81.096060 – 58416

ABANDON 258' OF BURIED 96CT FOC FROM **P6** P-05380 TO SEGRA COM HH 34.040676, (-) 81.095200 - 86134

(1) REMOVE EXISTING 30"x48"x36" HH E/W SCDOT LID RATING 20,000 LBS OVERALL DEPTH 36" PART#PG3048BA36 ANSI TIER 22 AT 34.041017, (-) 81.095712 – 56157

(1) REMOVE 5/8" X 8' COPPER CLAD ROD

(1) REMOVE HH MARKER

(1) REMOVE EXISTING SPIRIT COM 30"x48"x36" HH E/W SCDOT LID RATING 20,000 LBS OVERALL DEPTH 36" PART#PG3048BA36 ANSI TIER 22 AT 34.040887, (-) 81.096060 – 58416

(1) REMOVE 5/8" X 8' COPPER CLAD ROD

(1) REMOVE HH MARKER

(1) REMOVE EXISTING 30"x48"x36" HH E/W SCDOT LID RATING 20,000 LBS OVERALL DEPTH 36" PART#PG3048BA36 ANSI TIER 22 AT 34.040676, -81.095200 -86134

(1) REMOVE 5/8" X 8' COPPER CLAD ROD

(1) REMOVE HH MARKER

BEGIN PROPOSED AERIAL 48CT FOC 35' (+/-) DOWN REQUESTED 55' DOMINION ENERGY POLE (12/29/2020) INCLUDING 8' RISER AND U-GUARD. LEAVE 100' LOOP ON PROPOSED DOMINION ENERGY POLE FOR CUT OVER.

- INSTALL 35' 48 CT FOC AND PLACE 100' 48 CT FOC LOOP ON REQUESTED 55' DOMINION ENERGY POLE

BORE 341' TO PROPOSED 30"x48"x36" HH E/W SCDOT LID RATING 20,000 LBS OVERALL DEPTH 36" PART#PG3048BA36 ANSI TIER 22 AT CORNER OF BRIARGATE CIRCLE AND BROAD RIVER ROAD. INTERCEPT EXISTING SPIRIT COM CONDUIT AND TURN UP INTO PROPOSED HH. PULL 541' 48CT FOC BURIED.

- DIRECTIONAL BORE 341' OF (3) - 1 ¼ HDPE CONDUITS [TOTAL 1023' OF CONDUIT]
- PULL 541' 48 CT FOC

(1) INSTALL 30"x48"x36" HH E/W SCDOT LID RATING 20,000 LBS OVERALL DEPTH 36" PART#PG3048BA36 ANSI TIER 22

(1) INSTALL 5/8" X 8' COPPER CLAD ROD

(1) INSTALL HH MARKER

PLACE 200' OF 96 CT FOC LOOP ON PROPOSED DOMINION ENERGY POLE FOR SEGRA TIE IN TO CELL TOWER SERVICE AT STATION 224+00 LEFT, APPROXIMATELY 180' OFFSET LEFT.

*** MATERIALS MEET ALL REQUIREMENTS OF SCDOT STANDARDS**

NOTE:

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