MANAGEMENT STRATEGY

I-95 BUSINESS/US 301 IS A FOUR-LANE DIVIDED ROADWAY WITH SEVERAL MEDIAN CROSSOVERS CONNECTING TO THE ADJACENT SERVICE ROADS ON EACH SIDE. THIS PROJECT CONSISTS OF UPGRADING THIS FACILITY TO A SUPERSTREET DESIGN BY CLOSING SOME OF THESE DIRECT CONNECTIONS AND CREATING LIMITED LEFT TURNING MOVEMENTS. THE INTENT OF THIS TRAFFIC MANAGEMENT PLAN IS TO COMPLETE THE IMPROVEMENTS ON THE OUTSIDE LANES OF 1-95 BUSINESS/US 301 AND SERVICE ROADS DURING PHASE 1 USING TEMPORARY DAILY LANE CLOSURES. PHASE 2 WILL CONSIST OF LONG TERM LANE CLOSURES TO PERFORM THE MEDIAN IMPROVEMENTS IN SECTIONS AS DESCRIBED BELOW.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING DRIVEWAYS AS DIRECTED BY THE ENGINEER. CONSTRUCTION SHALL INCLUDE UTILITY, DRAINAGE, AND PAVEMENT IMPROVEMENTS WHERE POSITIVE DRAINAGE WILL BE REQUIRED AT ALL TIMES.

PHASING NOTES

CONTRACTOR SHALL INSTALL CMS TWO WEEKS PRIOR TO WORK BEGINNING.

PHASE 1 (DETAIL DRAWINGS NOT SHOWN)

STEP 1: INSTALL WORK ZONE ADVANCE WARNING SIGNS (SEE RSD 1101.01).

NOTE: STEPS 2 THRU 4 MAY BE DONE CONCURRENTLY.

STEP 2: USING RSD 1101.02 (SHEET 3 OF 15) CLOSE THE OUTSIDE (NORTHBOUND AND/OR SOUTHBOUND) LANE OF I-95 BUSINESS TO CONSTRUCT IMPROVEMENTS ALONG I-95 BUSINESS OUTSIDE SHOULDER. CONSTRUCT UP TO THE EDGE AND ELEVATION OF THE EXISTING PAVEMENT INCLUDING DRAINAGE. UNLESS OTHERWISE SHOWN IN PHASE 2. SEE EDGE DROP OFF REQUIREMENTS IN GENERAL NOTES. APPLY TEMPORARY PAVEMENT MARKINGS AS NEEDED.

STEP 3: USING RSD 1101.02 (SHEET 1 OF 15) UNDER FLAGGER CONTROL, CONSTRUCT SERVICE ROAD AND CONNECTIONS FROM SERVICE ROAD TO I-95 BUSINESS IMPROVEMENTS WITHIN THE PROJECT LIMITS. PLACE BARRICADES WITH DETOUR SIGNING ALONG THE EDGE OF PAVEMENT OF -L- (I-95 BUSINESS) AND SERVICE ROADS AT CROSSOVER LOCATIONS. MAINTAIN ACCESS TO NEARBY CROSSOVER WITHIN 1 MILE OF WORK AREA AT ALL TIMES.

STEP 4: -SR1- (GILLESPIE STREET), WHILE MAINTAINING EXISTING TRAFFIC PATTERN, AWAY FROM TRAFFIC CONSTRUCT ALL WORK ON NEW LOCATION UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE AND INCLUDING DRAINAGE AND UTILITY WORK.

STEP 5: -SR1- (GILLESPIE STREET), UNDER FLAGGER OPERATION, CONSTRUCT TIE POINTS UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE. INSTALL TEMPORARY PAVEMENT MARKINGS AS NECESSARY.

STEP 6: (AT CONTRACTOR'S OPTION) -SR1- (GILLESPIE STREET), UNDER FLAGGER OPERATION, PLACE FINAL LAYER OF SURFACE COURSE AND APPLY FINAL PAVEMENT MARKINGS AND MARKERS ON -SR1- AND -Y14- AS SHOWN IN THE PAVEMENT MARKING PLAN.

STEP 7: -SR1- (GILLESPIE STREET), TRANSFER TRAFFIC TO NEW ALIGNMENT, REMOVE TRAFFIC CONTROL DEVICES AND OPEN ROAD TO TRAFFIC.

PHASE 2 (SEE TMP-4 THRU TMP-29)

CONSTRUCTION SHALL BE PERFORMED USING THE FOLLOWING SEQUENCES. CONSTRUCTION MUST BE COMPLETED WITHIN EACH SECTION/SET PRIOR TO BEGINNING WORK IN A NEW SECTION/SET. CONTRACT TIME AS NEEDED TO COMPLETE INSTALLATION OF SEWER LINE. APPROPRIATE SIGNING AND TRAFFIC CONTROL DEVICES SHALL BE RELOCATED TO THE NEXT SECTION PRIOR TO BEGINNING ANY WORK ACTIVITIES IN THIS NEXT SECTION/SET OF THE SEQUENCE.

PHASE 2A - CONSTRUCT SET 1, SECTIONS 6 AND 2 (WORK IN SECTIONS 6 AND 2 MAY BE DONE CONCURRENTLY)

SECTION 6 -L- STA 271+00 +/- TO 287+30 +/- (TMP-16 THRU TMP-19) SECTION 2 -L- STA 128+00 +/- TO 150+45 +/- (TMP-6 THRU TMP-9)

STEP 1: INSTALL WORK ZONE ADVANCED WARNING SIGNS (SEE RSD 1101.01)

STEP 2: USING RSD 1101.02 (SHEET 1 OF 15) FOR DRAINAGE CONSTRUCTION UNDER SERVICE ROADS

> STRUCTURE 1613 TO 1614, +/- STA. 272+70 STRUCTURE 1716 TO 1715, +/- STA. 286+70

STEP 3: USING RSD 1101.02 (SHEET 3 OF 15) FOR DRAINAGE CONSTRUCTION UNDER I-95 BUSINESS/US 301 OUTSIDE LANE

> STRUCTURE 1614 AND 1616 TO 1615, +/- STA. 272+70 STRUCTURE 1715 AND 1713 TO 1714, +/- STA. 286+70

NOTE: CONTINUE TO CONSTRUCT DRAINAGE SYSTEM, PROGRESSING FROM OUTFALL TO SECTION LIMITS. IF INSIDE LANE CLOSURES ARE IN EFFECT, USE RSD 1101.02 (SHEET 6 OF 15) TO I-95 BUSINESS/US 301 OUTSIDE LANE COMPLETE DRAINGE CONSTRUCTION. (MAY BE DONE CONCURRENTLY WITH STEP 4.)

STEP 4: USING RSD 1101.02 (SHEET 3 OF 15) CLOSE THE INSIDE NORTHBOUND AND SOUTHBOUND LANES OF -L- (I-95 BUSINESS/US 301) AND CONSTRUCT MEDIAN IMPROVEMENTS

SURFACE COURSE.

INCLUDING DRAINAGE, CONCRETE MONOLITHIC ISLANDS, UP TO BUT NOT INCLUDING THE FINAL STEP 5: UPON COMPLETION OF ALL WORK WITHIN PHASE 2A, REMOVE TRAFFIC CONTROL DEVICES, INSTALL TEMPORARY PAVEMENT MARKINGS AS NECESSARY AND OPEN ALL LANES TO TRAFFIC.

PHASE 2B - CONSTRUCT SET 2, SECTIONS 5 AND 1 (WORK IN SECTIONS 5 AND 1 MAY BE DONE CONCURRENTLY)

SECTION 5 -L- STA 251+00 +/- TO 271+00 +/- (TMP-15 THRU TMP-16) SECTION 1 -L- STA 101+00 +/- TO 128+00 +/- (TMP-4 THRU TMP-5)

STEP 1: INSTALL WORK ZONE ADVANCED WARNING SIGNS (SEE RSD 1101.01)

STEP 2: USING RSD 1101.02 (SHEET 1 OF 15) CLOSE THE INSIDE NORTHBOUND AND SOUTHBOUND LANES OF -L-(I-95 BUSINESS/US 301) AND CONSTRUCT MEDIAN IMPROVEMENTS STEP 7: CONSTRUCT DRAINAGE FROM STRUCTURE 2319 TO 2413. INCLUDING DRAINAGE, CONCRETE MONOLITHIC ISLANDS, UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

STEP 3: UPON COMPLETION OF ALL WORK WITHIN PHASE 2B. REMOVE TRAFFIC CONTROL DEVICES, INSTALL TEMPORARY PAVEMENT MARKINGS AS NECESSARY AND OPEN ALL LANES TO TRAFFIC.

PHASE 2C - CONSTRUCT SET 3, SECTIONS 4 AND 9 (WORK IN SECTIONS 4 AND 9 MAY BE DONE CONCURRENTLY)

SECTION 4 -L- STA 229+50 +/- TO 251+00 +/- (TMP-13 THRU TMP-15) SECTION 9 -L- STA 386+00 +/- TO 423+98 +/- (TMP-25 THRU TMP-27)

STEP 1: INSTALL WORK ZONE ADVANCED WARNING SIGNS (SEE RSD 1101.01)

STEP 2: USING RSD 1101.02 (SHEET 3 OF 15) FOR DRAINAGE CONSTRUCTION UNDER I-95 BUSINESS/US 301 OUTSIDE LANE

> STRUCTURE 1419 AND 1417 TO 1418, +/- STA. 249+80 STRUCTURE 1413 TO 1414, +/- STA. 245+70 STRUCTURE 1326 AND 1324 TO 1325, +/- STA. 237+35 STRUCTURE 1314 TO 1313, +/- STA. 230+90

NOTE: CONTINUE TO CONSTRUCT DRAINAGE SYSTEM, PROGRESSING FROM OUTFALL TO SECTION LIMITS. IF INSIDE LANE CLOSURES ARE IN EFFECT, USE RSD 1101.02 (SHEET 6 OF 15) TO COMPLETE DRAINAGE CONSTRUCTION. (MAY BE DONE CONCURRENTLY WITH STEP 3.)

STEP 3: USING RSD 1101.02 (SHEET 3 OF 15) CLOSE THE INSIDE NORTHBOUND AND SOUTHBOUND LANES OF -L- (I-95 BUSINESS/US 301) AND CONSTRUCT MEDIAN IMPROVEMENTS INCLUDING DRAINAGE, CONCRETE MONOLITHIC ISLANDS, UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

STEP 4: USING RSD 1101.02 (SHEET 3 OF 15) CLOSE THE INSIDE EASTBOUND AND WESTBOUND LANES OF SR 2311 (GILLESPIE ST.) AND REMOVE MEDIAN OPENING LOCATED APPROXIMATELY 300 FEET WEST OF I-95 BUSINESS/US 301.

STEP 5: UPON COMPLETION OF ALL WORK WITHIN PHASE 2C, REMOVE TRAFFIC CONTROL DEVICES. INSTALL TEMPORARY PAVEMENT MARKINGS AS NECÉSSARY AND OPEN ALL LANES TO TRAFFIC.

PHASE 2D - CONSTRUCT SET 4, SECTIONS 3 AND 8 (WORK IN SECTIONS 3 AND 8 MAY BE DONE CONCURRENTLY)

SECTION 3 -L- STA 200+25 +/- TO 229+50 +/- (TMP-10 THRU TMP-13) SECTION 8 -L- STA 354+20 +/- TO 376+95 +/- (TMP-21 THRU TMP-25)

STEP 1: INSTALL WORK ZONE ADVANCED WARNING SIGNS (SEE RSD 1101.01)

WORKING IN CONTINUOUS MANNER, COMPLETE THE FOLLOWING WORK OF PHASE 2D, STEPS 2 THRU 4 FROM 10:00 PM TO 6:00 AM. MONDAY THRU SUNDAY. REPEAT INTERMEDIATE (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 2: PRIOR TO ANY CONSTRUCTION OPERATIONS, CONTRACTOR SHALL CHANGE MESSAGE ON PREVIOUSLY INSTALLED CMS FOR CLOSURE TWO WEEKS PRIOR TO WORK BEGINNING. PLACE AND COVER OFF-SITE DETOUR SIGNING AS SHOWN ON TMP-28 AND IN ACCORDANCE WITH RSD 1101.03 (SHEET 1 OF 9).

STEP 3: USING OFF-SITE DETOUR, UNCOVER DETOUR SIGNS, CLOSE -L- (I-95 BUSINESS/ US 301)TO TRAFFIC AND INSTALL SEWER LINE UNDER GILLESPIE STREET AND I-95 BUSINESS/US 301 (NOTE: DO NOT SIMULTANEOUSLY CLOSE NORTHBOUND AND SOUTHBOUND LANES OF -L- I-95 BUSINESS/US 301).

> -L- STA 367+00 +/--L- STA 374+00 +/-

STEP 4: UPON COMPLETION OF SEWER LINE, REMOVE BARRICADES AND DETOUR SIGNS AND OPEN -L- (I-95 BUSINESS/US 301) AND GILLESPIE STREET TO TRAFFIC.

STEP 5: USING RSD 1101.02 (SHEET 1 OF 15) FOR DRAINAGE CONSTRUCTION UNDER SERVICE ROADS

> STRUCTURE 1103 TO 1102, +/- STA. 200+70 STRUCTURE 2316 TO 2317, +/- STA. 366+90

STEP 6: USING RSD 1101.02 (SHEET 3 OF 15) FOR DRAINAGE CONSTRUCTION UNDER

STRUCTURE 1102 TO 1101, +/- STA. 200+70 STRUCTURE 1303 TO 1302, +/- STA. 225+00 STRUCTURE 2307 AND 2308 TO 2306, +/-STA. 360+65 STRUCTURE 2317 AND 2319 TO 2318, +/- STA. 366+90 STRUCTURE 2410 TO 2411, +/- STA. 375+25

PROJ. REFERENCE NO. SHEET NO. TMP - 3 W-5519 RAMEY KEMP ASSOCIATES, INC.
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NOTE: CONTINUE TO CONSTRUCT DRAINAGE SYSTEM, PROGRESSING FROM OUTFALL TO SECTION LIMITS. IF INSIDE LANE CLOSURES ARE IN EFFECT, USE RSD 1101.02 (SHEET 6 OF 15) TO COMPLETE DRAINAGE CONSTRUCTION. (MAY BE DONE CONCURRENTLY WITH STEP 8.)

STEP 8: USING RSD 1101.02 (SHEET 3 OF 15) CLOSE THE INSIDE NORTHBOUND AND SOUTHBOUND LANES OF -L- (I-95 BUSINESS/US 301) AND CONSTRUCT MEDIAN IMPROVEMENTS INCLUDING DRAINAGE, CONCRETE MONOLITHIC ISLANDS, UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

STEP 9: UPON COMPLETION OF ALL WORK WITHIN PHASE 2D REMOVE TRAFFIC CONTROL DEVICES.INSTALL TEMPORARY PAVEMENT MARKINGS AS NECESSARY AND OPEN ALL LANES TO TRAFFIC.

PHASE 2E - CONSTRUCT SECTION 7 -L- STA 318+00 +/- TO 334+40 +/-(TMP-18 THRU TMP-22)

STEP 1: INSTALL WORK ZONE ADVANCED WARNING SIGNS (SEE RSD 1101.01)

STEP 2: USING RSD 1101.02 (SHEET 1 OF 15) FOR DRAINAGE CONSTRUCTION UNDER SERVICE ROADS

STRUCTURE 2109 TO 2108, +/- STA. 332+60

STEP 3: USING RSD 1101.02 (SHEET 3 OF 15) FOR DRAINAGE CONSTRUCTION UNDER I-95 BUSINESS/US 301 OUTSIDE LANE

> STRUCTURE 2108 TO 2107, +/- STA. 332+60 STRUCTURE 2104 TO 2103, +/- STA. 330+00 STRUCTURE 2006 TO 2007, +/- STA. 319+55

STEP 4: USING RSD 1101.02 (SHEET 3 OF 15) FOR DRAINAGE CONSTRUCTION UNDER SERVICE ROAD CONNECTOR

STRUCTURE 2103 TO 2106, +/- STA. 330+00

NOTE: CONTINUE TO CONSTRUCT DRAINAGE SYSTEM, PROGRESSING FROM OUTFALL TO SECTION LIMITS. IF INSIDE LANE CLOSURES ARE EFFECT, USE RSD 1101.02 (SHEET 6 OF 15) TO COMPLETE DRAINAGE CONSTRUCTION. (MAY BE DONE CONCURRENTLY WITH STEP 5.)

STEP 5: USING RSD 1101.02 (SHEET 3 OF 15) CLOSE THE INSIDE NORTHBOUND AND SOUTHBOUND LANES OF -L- (I-95 BUSINESS/US 301) AND CONSTRUCT MEDIAN IMPROVEMENTS INCLUDING DRAINAGE, CONCRETE MONOLITHIC ISLANDS, UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

STEP 6: UPON COMPLETION OF ALL WORK WITHIN SECTION 7, REMOVE TRAFFIC CONTROL DEVICES, INSTALL TEMPORARY PAVEMENT MARKINGS AS NECESSARY AND OPEN ALL LANES TO TRAFFIC.

PHASE 3

STEP 1: USE FLAGGER CONTROL ACCORDING TO RSD 1101.02 (SHEET 1 OF 15) TO PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS ON SERVICE ROADS AND CONNECTORS.

STEP 2: USING RSD 1101.02 (SHEET 3 OF 15) PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS AND MARKERS (SEE PAVEMENT MARKING PLANS) ON I-95 BUSINESS/US 301. OPEN ALL ROADS TO TRAFFIC.

STEP 3: REMOVE ALL REMAINING TRAFFIC CONTROL DEVICES AND WORK ZONE

Prepared For:

REVISIONS

