


PHASING

PROJ. REFERENCE NO.	SHEET NO.
I-3318BB	TMP-3
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NOTES:

BEFORE BEGINNING ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS AND TRAFFIC CONTROL DEVICES. SEE SIGNING AND DEVICE PLACEMENT LOCATIONS, AS SHOWN ON SHEETS TMP-2 AND TMP-2A. FIELD VERIFY LOCATIONS WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.

COMPLETE ANY PROPOSED OR TEMPORARY WIDENING IN SUCH A MANNER THAT NO PONDING OF WATER WILL OCCUR WITHIN THE TRAVEL LANE.

WHEN USING LANE CLOSURES (RSD 1101.02), RETURN TRAFFIC TO EXISTING PATTERN(S) AT THE END OF THE ALLOWABLE WORK PERIOD.

PAVE PROPOSED CONSTRUCTION UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, IN ALL PHASES, UNLESS OTHERWISE NOTED IN THE PHASING, UNTIL STATED TO INSTALL THE FINAL LAYER OF SURFACE COURSE IN THE PHASING.

COVER ALL OPEN DRAINAGE STRUCTURES ADJACENT TO TRAFFIC WITH TEMPORARY STEEL PLATES, OR AS DIRECTED BY THE ENGINEER.

FOR ALL WORK ON I-95, SEE LOCAL NOTE LN-01 (SHEET TMP-1C) FOR RESTRICTIONS REGARDING PROJECT MATERIAL DELIVERIES.

PHASE I (SHEETS TMP-4 - TMP-8)

STEP 1:

USING FLAGGERS, LANE CLOSURES, AND LAW ENFORCEMENT (RSD 1101.02, SHEET 1 OF 15) AS NECESSARY, INSTALL AND ACTIVATE THE TEMPORARY SIGNAL ON MICRO ROAD (SR 2130) AT THE I-95 SB RAMP INTERSECTION (EXIT 102). (SEE SHEET TMP-4 AND LOCAL NOTE LN-02, SHEET TMP-1C, AND SIGNAL PLANS)

USING LANE CLOSURES (RSD 1101.02, SHEETS 4 AND 9 OF 15), CONSTRUCT WIDENING AND EXTENSION OF THE I-95 ON RAMPS IN THE FOLLOWING LOCATIONS, INCLUDING THE FINAL ASPHALT SURFACE COURSE, DURING NIGHT HOURS: (SEE SHEET TMP-4 AND LOCAL NOTE LN-02, SHEET TMP-1C)

- -DET1- [I-95 NB (EXIT 102), RAMP D, FROM MICRO ROAD (SR 2130)]
- -DET2- [I-95 SB (EXIT 105), RAMP B, FROM BAGLEY ROAD (SR 2339)]

USING LANE CLOSURES (RSD 1101.02, SHEETS 4, 9, AND 10 OF 15), RECONSTRUCT THE EXISTING SHOULDERS ON EXISTING I-95 SB FROM -L- STA. 30+35 +/- TO STA. 37+25 +/- (LT). (SEE SHEETS TMP-6 AND TMP-7)

USING LANE CLOSURES (RSD 1101.02, SHEETS 4, 9, AND 10 OF 15), MILL AND FILL EXISTING RUMBLE STRIPS ALONG EXISTING I-95 NB AND SB WHERE SHOWN ON SHEET TMP-6.

USING FLAGGERS AND LANE CLOSURES (RSD 1101.02, SHEET 1 OF 15) AS NECESSARY, CONSTRUCT -Y- FROM STA. 10+15 +/- TO STA. 18+30 +/- . (SEE SHEETS TMP-6 - TMP-7)

STEP 2:

USING LANE CLOSURES (RSD 1101.02, SHEETS 4, 9, AND 10 OF 15), INSTALL PCB ALONG I-95 SB, AS SHOWN ON SHEETS TMP-6 - TMP-7.

NOTE: UPON RECEIVING A SIGNED ORDINANCE FROM THE STATE TRAFFIC ENGINEER REDUCING THE WORK ZONE SPEED LIMIT AND \$250 SPEEDING FINE, THE NECESSARY SIGNING DETAILED ON TMP-2 AND TMP-2A MAY BE INSTALLED OR UNCOVERED WHEN BEGINNING INSTALLATION OF PCB.

WORKING IN A CONTINUOUS MANNER, USING LANE CLOSURES (RSD 1101.02, SHEET 4 AND 9 OF 15), PLACE FINAL PAVEMENT MARKINGS IN EACH OF THE FOLLOWING LOCATIONS AND OPEN EACH TO THE FINAL TRAFFIC PATTERN:

- -DET1- [I-95 NB (EXIT 102), RAMP D, FROM MICRO ROAD (SR 2130)]
- -DET2- [I-95 SB (EXIT 105), RAMP B, FROM BAGLEY ROAD (SR 2339)]

WORKING IN A CONTINUOUS MANNER, USING FLAGGERS AND LANE CLOSURES (RSD 1101.02, SHEET 1 OF 15), PLACE FINAL PAVEMENT MARKINGS ON -Y- AND OPEN TO THE FINAL TRAFFIC PATTERN.

STEP 3:

AWAY FROM TRAFFIC AND USING LANE CLOSURES (RSD 1101.02, SHEETS 4, 9, AND 10 OF 15), AS NECESSARY, INSTALL TEMPORARY SHORING NOS. 1, 3, 5, AND 7. (SEE SHEET TMP-6)

AWAY FROM TRAFFIC AND USING LANE CLOSURES (RSD 1101.02, SHEETS 4, 5, 9, AND 10 OF 15), AS NECESSARY, BEGIN CONSTRUCTION OF THE FOLLOWING: (SEE SHEETS TMP-6 - TMP-7)

- -SB- FROM STA. 19+50 +/- TO STA. 26+13 +/- (LT)
 - * INCLUDING SHORING NOS. 4 AND 8
- -NB- FROM STA. 19+25 +/- TO STA. 25+00 +/- (RT)
 - * INCLUDING SHORING NOS. 2 AND 6

AWAY FROM TRAFFIC AND USING LANE CLOSURES (RSD 1101.02, SHEETS 4 AND 10 OF 15), AS NECESSARY, BEGIN CONSTRUCTION OF TEMPORARY PAVEMENT ON -SB- FROM STA. 26+13 +/- TO STA. 34+67 +/- (LT)

STEP 4:

CLOSE AND DETOUR EXISTING RAMP D FROM BAGLEY ROAD (SR 2339) TO I-95 NB, THEN PROCEED DIRECTLY TO STEP 5. (SEE SHEET TMP-9. SEE DETOUR ROUTE, SHEET TMP-2A. SEE LOCAL NOTE LN-02, SHEET TMP-1C)

PHASE I (SHEETS TMP-9 - TMP-12)

THE CONTRACTOR MAY CONDUCT WORK IN PHASE I, STEPS 5 - 9 CONCURRENTLY WITH PHASE I, STEP 10.

STEP 5:

USING LANE CLOSURES (RSD 1101.02, SHEETS 4 AND 10 OF 15), RECONSTRUCT THE EXISTING SHOULDER ON EXISTING I-95 NB FROM -L- STA. 31+90 +/- TO STA. 35+90 +/- (RT). (SEE SHEET TMP-11)

STEP 6:

USING LANE CLOSURES (RSD 1101.02, SHEETS 4 AND 10 OF 15), INSTALL PCB ALONG I-95 NB, AS SHOWN ON SHEETS TMP-10 AND TMP-11.

STEP 7:

AWAY FROM TRAFFIC AND USING LANE CLOSURES (RSD 1101.02, SHEETS 4, 5, 9, AND 10 OF 15), AS NECESSARY, CONSTRUCT THE FOLLOWING: (SEE SHEETS TMP-9 - TMP-11)

- -NB- FROM STA. 16+83 +/- TO STA. 19+25 +/- (RT)
- -NB- FROM STA. 25+00 +/- TO STA. 26+44 +/- (RT)

AWAY FROM TRAFFIC AND USING LANE CLOSURES (RSD 1101.02, SHEETS 4, 5, 9, AND 10 OF 15), AS NECESSARY, CONSTRUCT TEMPORARY PAVEMENT IN THE FOLLOWING AREAS: (SEE SHEETS TMP-9 - TMP-11)

- -NB- FROM STA. 7+62 +/- TO STA. 16+83 +/- (RT)
- -NB- FROM STA. 26+44 +/- TO STA. 35+13 +/- (RT)

USING LANE CLOSURES (RSD 1101.02, SHEETS 4, 9, AND 10 OF 15) AS NECESSARY, PLACE ASPHALT WEDGING OVER EXISTING I-95 NB TRAVEL LANES IN CONJUNCTION WITH THE ADJACENT TEMPORARY WIDENING FROM -NB- STA. 13+50 +/- TO STA. 17+50 +/- (SEE SHEET TMP-6)

NOTE: PLACE VARIABLE DEPTH WEDGING FROM THE DETOUR PAVEMENT ELEVATION TO THE EXISTING SURFACE. WEDGE EXISTING RAMP GORE AREAS AS NECESSARY TO MAINTAIN POSITIVE DRAINAGE AND PROPER SUPERELEVATION ROLLOVERS.

COMPLETE CONSTRUCTION OF -NB- AND -SB- PREVIOUSLY BEGUN.

STEP 8:

AWAY FROM TRAFFIC, PLACE PCB IN THE FOLLOWING LOCATIONS. INSTALL CRASH CUSHIONS TO PROTECT THE BEGINNING OF THE PCB FOR EACH DIRECTION OF TRAVEL. (REMAINING SECTIONS OF PCB REQUIRED FOR PHASE II CONSTRUCTION WILL BE PLACED FOLLOWING COMPLETION OF TRAFFIC SHIFT, NOTED IN PHASE I, STEP 9.) (SEE SHEETS TMP-13 - TMP-15)

- -NB- FROM STA. 13+00 +/- TO STA. 29+00 +/-
 - * ANCHORED PCB FROM STA. 16+80 +/- TO STA. 26+50 +/-
- -SB- FROM STA. 19+95 +/- TO STA. 27+05 +/-
 - * ANCHORED PCB FROM STA. 19+95 +/- TO STA. 26+15 +/-

USING LANE CLOSURES (RSD 1101.02, SHEET 4 OF 15), REMOVE PCB ADJACENT TO EXISTING I-95 NB LANES THAT IS IN CONFLICT WITH THE PROPOSED PHASE 2 PATTERN.

THE CONTRACTOR SHALL COMPLETE PHASE I, STEP 9 CONCURRENTLY WITH PHASE I, STEP 10, THEN PROCEED DIRECTLY TO PHASE II.

STEP 9:

WORKING IN A CONTINUOUS MANNER AND USING LANE CLOSURES (RSD 1101.02, SHEETS 4, 9, AND 10 OF 15), AS NECESSARY, PLACE TEMPORARY MARKINGS ON -NB- AS SHOWN ON SHEETS TMP-13 - TMP-15, THEN SHIFT TRAFFIC TO THE TEMPORARY PATTERNS.

THE CONTRACTOR MAY CONDUCT WORK IN PHASE I, STEP 10 CONCURRENTLY WITH PHASE I, STEPS 5 - 9. THE CONTRACTOR SHALL COMPLETE PHASE I, STEP 10 CONCURRENTLY WITH PHASE I, STEP 9, THEN PROCEED DIRECTLY TO PHASE II.



THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED IN PHASE I, STEP 10 IN SIXTY (60) CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 10:

COMPLETE THE FOLLOWING: (SEE SHEETS TMP-9 AND TMP-10)

1. DETOUR AND CLOSE EXISTING I-95 SB, RAMP A (EXIT 105). (SEE DETOUR, SHEET TMP-2C)
2. INSTALL PCB ALONG I-95 SB FROM -L- STA. 11+80 +/- TO STA. 22+80 +/- . (TIE TO PCB PLACED IN PHASE 1, STEP 2)
3. AWAY FROM TRAFFIC AND USING LANE CLOSURES (RSD 1101.02, SHEET 4 AND 5 OF 15) AS NECESSARY, CONSTRUCT THE FOLLOWING:
 - -SB- FROM STA. 7+31 +/- TO STA. 17+69 +/- (TEMPORARY PAVEMENT)
 - * REMOVE PCB AS REQUIRED TO COMPLETE -SB- TIE-IN TO EXISTING I-95.
 - -SB- FROM STA. 17+69 +/- TO STA. 19+50 +/-
 - -SBRPA-
4. USING LANE CLOSURES (RSD 1101.02, SHEET 4 OF 15), REMOVE PCB AS NEEDED AND PLACE ASPHALT WEDGING ALONG EXISTING I-95 SB TRAVEL LANES FROM -L- STA. 13+00 +/- TO STA. 23+10 +/- .
5. AWAY FROM TRAFFIC, PLACE TEMPORARY MARKINGS ON -SB- AND -SBRPA- .
6. AWAY FROM TRAFFIC, PLACE PCB ON -SB- FROM STA. 12+45 +/- TO STA. 19+95 +/- , AS SHOWN ON SHEETS TMP-13 AND TMP-14.
 - * ANCHORED PCB FROM -SB- STA. 17+65 +/- TO STA. 19+95 +/-
7. USING LANE CLOSURES (RSD 1101.02, SHEET 4 OF 15), REMOVE PCB ADJACENT TO EXISTING I-95 SB LANES THAT IS IN CONFLICT WITH THE PROPOSED PHASE 2 PATTERN.
8. WORKING IN A CONTINUOUS MANNER, AWAY FROM TRAFFIC AND USING LANE CLOSURES (RSD 1101.02, SHEET 4 OF 15), PLACE REMAINING PAVEMENT MARKINGS ALONG -SB- , THEN SHIFT I-95 SB TRAFFIC TO THE TEMPORARY PATTERN AND OPEN -SBRPA- .

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APPROVED:  DATE: 9/22/2015 		PHASING
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