

GENERAL MOT NOTES

- MAINTENANCE OF TRAFFIC DURING LANE CLOSURES SHALL CONFORM TO TYPICAL APPLICATIONS TA-33 AND TA-34 OF THE DELAWARE MUTCD.
- ON ALL INTERSECTING STREETS APPROACHING THE WORK AREA, "ROAD WORK 1 MILE", "ROAD WORK 1/2 MILE.", AND "ROAD WORK 1,500 FT." PERMANENT SIGNS SHALL BE PLACED AS SHOWN ON THESE PLANS OR AS DIRECTED BY THE ENGINEER. AN "END ROAD WORK" SIGN SHALL BE PLACED ACROSS THE STREET FROM THE "ROAD WORK 1 MILE" SIGN, VISIBLE TO TRAFFIC EXITING THE WORK ZONE. THE CONTRACTOR SHALL SUPPLY TWO REMOTE PROGRAMMABLE BOARDS TO BE INSTALLED SOUTH OF CONCORD RD FOR NORTHBOUND TRAFFIC AND NORTH OF HERRING RUN RD FOR SOUTHBOUND TRAFFIC. THE MESSAGE AND LOCATION SHALL BE DISCUSSED WITH THE DISTRICT SAFETY OFFICER.
- THIS PROJECT IS CONSIDERED A SIGNIFICANT PROJECT AS DEFINED BY DELDOT'S WORK ZONE MOBILITY PROCEDURES AND GUIDELINES. A TYPE B TRANSPORTATION MANAGEMENT PLAN (TMP) HAS BEEN PREPARED AND IS AVAILABLE FOR VIEWING BY CONTACTING THE DEPARTMENT'S SAFETY PROGRAMS MANAGER AT (302) 659-4060. ALL MONITORING REQUIREMENTS OF THE TMP SHALL BE CONDUCTED AS PER THE TMP UNLESS OTHERWISE DIRECTED BY THE ENGINEER. MODIFICATION TO THE TMP SHALL BE COMPLETED BY THE CONTRACTOR IF CHANGES TO THE TIME RESTRICTIONS OR THE TRAFFIC CONTROL PLAN ARE DESIRED. THE MODIFIED TMP SHALL BE PREPARED BY A PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF DELAWARE, AND APPROVED BY DELDOT.
- A TYPE II TRUCK MOUNTED ATTENUATOR (TMA) SHALL BE REQUIRED ON THIS PROJECT DURING THE FOLLOWING PAVEMENT OPERATIONS:
 - TEMPORARY AND PERMANENT PAVEMENT MARKING INSTALLATION AND REMOVAL
 - PLACEMENT AND REMOVAL OF TEMPORARY CONCRETE TRAFFIC BARRIER
 - PLACEMENT AND REMOVAL OF TEMPORARY TRAFFIC CONTROL DEVICES FOR LANE CLOSURES
 - MILLING OPERATIONS
 - PAVING OPERATIONS
 - AS DIRECTED BY THE ENGINEER
 THE ROLL AHEAD DISTANCE SHALL BE AS PER THE MANUFACTURER'S RECOMMENDATIONS. THE TMA SHALL CONFORM TO THE REQUIREMENTS OF SECTION 6F OF THE DELAWARE MUTCD.
- NO WIDE LOAD PERMIT VEHICLES SHALL BE PERMITTED ON US-13 DURING CONSTRUCTION PHASE 2 AND CONSTRUCTION PHASE 3. THE CONTRACTOR SHALL CONTACT THE DISTRICT SAFETY OFFICER AT LEAST 14 DAYS PRIOR TO ANY PHASE.
- THE REFLECTIVE LENSES ONLY OF ANY EXISTING PLOWABLE RAISED PAVEMENT MARKERS IN CONFLICT WITH PROPOSED TEMPORARY STRIPING SHALL BE REMOVED. PAYMENT FOR REMOVAL OF THE REFLECTIVE LENSES WILL BE INCIDENTAL TO ITEM NO. 743000 - MAINTENANCE OF TRAFFIC.
- TEMPORARY RAISED PAVEMENT MARKERS SHALL BE INSTALLED THROUGHOUT THE LIMITS OF PROPOSED TEMPORARY STRIPING AS PER FIGURES 3B-15A THROUGH 3B-15H OF THE DELAWARE MUTCD. CONTRACTOR SHALL ADDRESS RAISED PAVEMENT MARKERS PRIOR TO IMPLEMENTING ADDITIONAL TRAFFIC CONTROLS.

SEQUENCE OF CONSTRUCTION

- CONSTRUCTION PHASE 1:**
- STAGING AND STORAGE OF EQUIPMENT AND MATERIALS SHALL BE IN THE MEDIAN, A MINIMUM OF 4' BEHIND THE EXISTING GUARDRAIL. FOR DELIVERY AND REMOVAL OF EQUIPMENT AND MATERIALS TO THE STORAGE AREA, SET UP TRAFFIC CONTROLS IN ACCORDANCE WITH TYPICAL APPLICATION 33 OF THE DELAWARE MUTCD. ANY TEMPORARY LANE CLOSURES ASSOCIATED WITH THIS PHASE SHALL BE ACCORDING TO THE ALLOWABLE LANE CLOSURE HOURS TABLE ON THIS SHEET.
 - INSTALL PERMANENT AND TEMPORARY CHANNEL DIAPHRAGMS AT PIERS AND ABUTMENTS.
 - JACK BRIDGE AND REPLACE BEARINGS, SOLE PLATES AND ANCHOR BOLTS. REMOVE TEMPORARY CHANNEL DIAPHRAGMS AT ABUTMENTS.
 - CLEAN AND PAINT STEEL GIRDERS, DIAPHRAGMS, DOWNSPOUTS AND TOP OF PILES.
 - REPAIR DETERIORATED CONCRETE ON PIERS AND ABUTMENTS (EXCLUDING BACKWALL) AS SHOWN IN PLANS.
 - REMOVE ALL FIBERGLASS PILE JACKETS AT PIER LOCATIONS.
- CONSTRUCTION PHASE 2:**
- SET UP TRAFFIC CONTROLS ALONG NORTHBOUND AND SOUTHBOUND US-13 FOR A LEFT LANE CLOSURE AS PER THE PLANS. INSTALL EROSION AND SEDIMENT CONTROL DEVICES.
 - REMOVE EXISTING STRIPING, PLACE TEMPORARY STRIPING AND PIN PORTABLE CONCRETE BARRIER TO DECK AND ROADWAY AS SHOWN IN PLANS.
 - EXCAVATE AND REMOVE 50' OF APPROACH ROADWAY AND ABUTMENT BACKWALL FOR THE SIDE OF BRIDGE CLOSED TO TRAFFIC. REMOVE THE JOINTS AND PORTIONS OF THE DECK AND BARRIER AS INDICATED IN THE PLANS.
 - INSTALL LINK SLAB AT PIER JOINT LOCATIONS, CONSTRUCT FULL-DEPTH PCC END DIAPHRAGM AT ABUTMENTS, REPLACE PORTION OF DECK AND BARRIER AT ABUTMENTS, AND REPLACE APPROACH ROADWAY AS SHOWN IN PLANS.
 - APPLY SILICONE BASED ACRYLIC CONCRETE SEALER TO ALL EXPOSED FACES OF THE SUBSTRUCTURE AND BARRIER, AS SHOWN IN PLANS.
 - CLEAN AND REMOVE DEBRIS FROM EXISTING BRIDGE SCUPPERS.
 - APPLY SILANE BASED CONCRETE DECK SEALER TO DECK SURFACE.
 - REMOVE TRAFFIC CONTROLS PERTAINING TO THIS PHASE.
- CONSTRUCTION PHASE 3:**
- SET UP TRAFFIC CONTROLS ALONG NORTHBOUND AND SOUTHBOUND US-13 FOR A RIGHT LANE CLOSURE AS PER THE PLANS. INSTALL EROSION AND SEDIMENT CONTROL DEVICES.
 - REMOVE EXISTING STRIPING, PLACE TEMPORARY STRIPING AND PIN PORTABLE CONCRETE BARRIER TO DECK AND ROADWAY AS SHOWN IN PLANS.
 - REPEAT STEPS 3-7 OF CONSTRUCTION PHASE 2.
 - INSTALL STONE OUTLETS ON NORTHBOUND AND SOUTHBOUND US-13, AS SHOWN IN PLANS. REGRADE AND INSTALL R-4 RIPRAP ON NORTHBOUND US-13, EAST EMBANKMENT, NORTH OF THE BRIDGE.
 - REMOVE TRAFFIC CONTROLS PERTAINING TO THIS PHASE.
- CONSTRUCTION PHASE 4:**
- SET UP TRAFFIC CONTROLS IN ACCORDANCE WITH TYPICAL APPLICATION 33 OF THE DELAWARE MUTCD. ANY TEMPORARY LANE CLOSURES ASSOCIATED WITH THIS PHASE SHALL BE ACCORDING TO THE ALLOWABLE LANE CLOSURE HOURS TABLE ON THIS SHEET.
 - MILL PAVEMENT AT A 2" DEPTH FOR A TOTAL WIDTH OF 28' TO THE LIMITS SHOWN IN THE PLANS AND OVERLAY WITH A 2" BITUMINOUS WEARING COURSE.
 - INSTALL PERMANENT PAVEMENT STRIPING AS SHOWN IN PLANS.

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

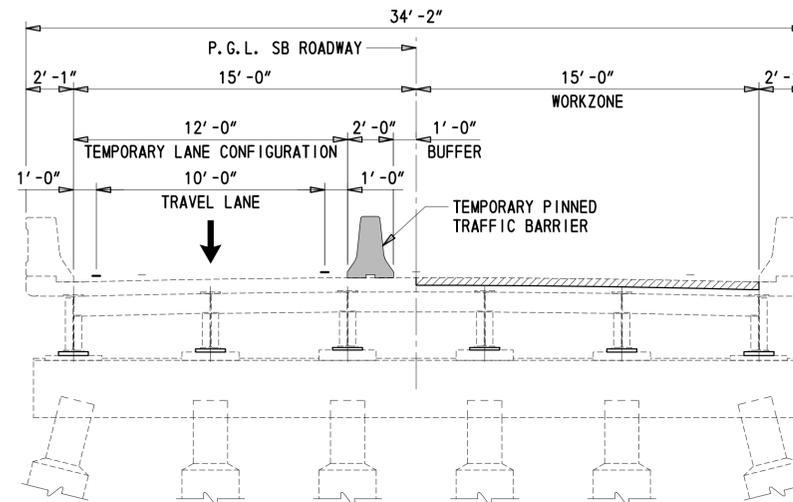
- EROSION AND SEDIMENT CONTROL DEVICES WILL BE MAINTAINED IN PLACE AND WILL ONLY BE REMOVED WHEN IT IS NO LONGER NECESSARY TO PROVIDE FOR THEIR DESIGNATED FUNCTIONS AS APPROVED BY THE ENGINEER.

ALLOWABLE LANE CLOSURE HOURS

Allowable US13 temporary single lane closure hours (Phases 1 & 4)																									
	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	
SUNDAY																									
MONDAY																									
TUESDAY																									
WEDNESDAY																									
THURSDAY																									
FRIDAY																									
SATURDAY																									

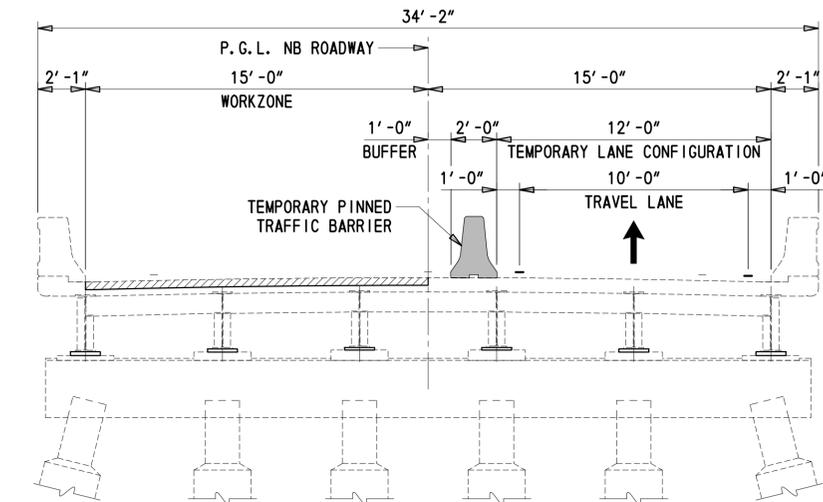
lane closed
 lane open

LEGEND	
	PORTABLE P.C.C. SAFETY BARRIER (F SHAPE)
	EXISTING PAVEMENT MARKING
	TEMPORARY PAVEMENT MARKING
	PROPOSED CONSTRUCTION THIS PHASE
	TRAFFIC FLOW ARROW



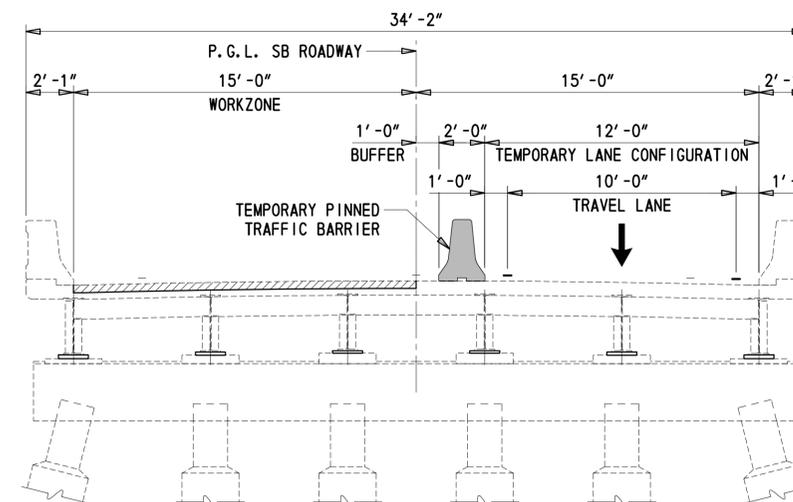
SECTION - SB BRIDGE PHASE 2

1/4" = 1'-0"



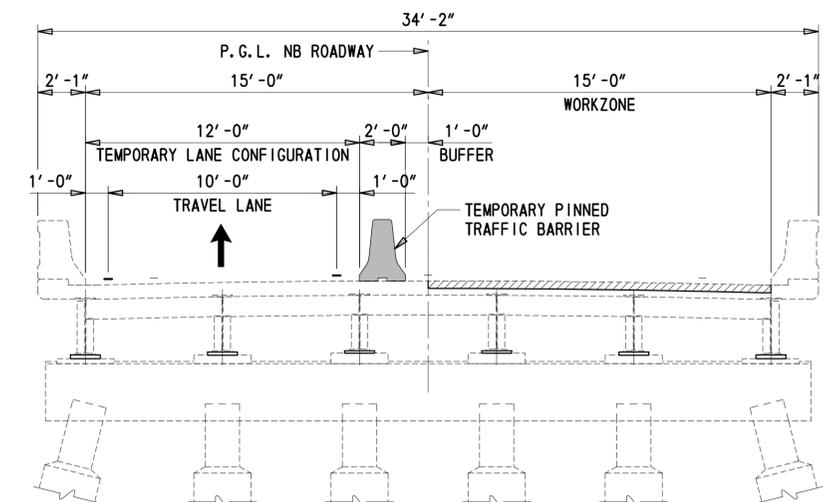
SECTION - NB BRIDGE PHASE 2

1/4" = 1'-0"



SECTION - SB BRIDGE PHASE 3

1/4" = 1'-0"



SECTION - NB BRIDGE PHASE 3

1/4" = 1'-0"

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	ADDENDUMS / REVISIONS		NOT TO SCALE	BR 3-253 N&S ON US 13 OVER WILLIAMS POND	CONTRACT	BRIDGE NO.	BR 3-253 N&S	MOT NOTES AND TYPICAL SECTIONS	SHEET NO.
					T201507601	DESIGNED BY:	JWS		27
					COUNTY	CHECKED BY:	DEF		TOTAL SHTS.
					SUSSEX				48