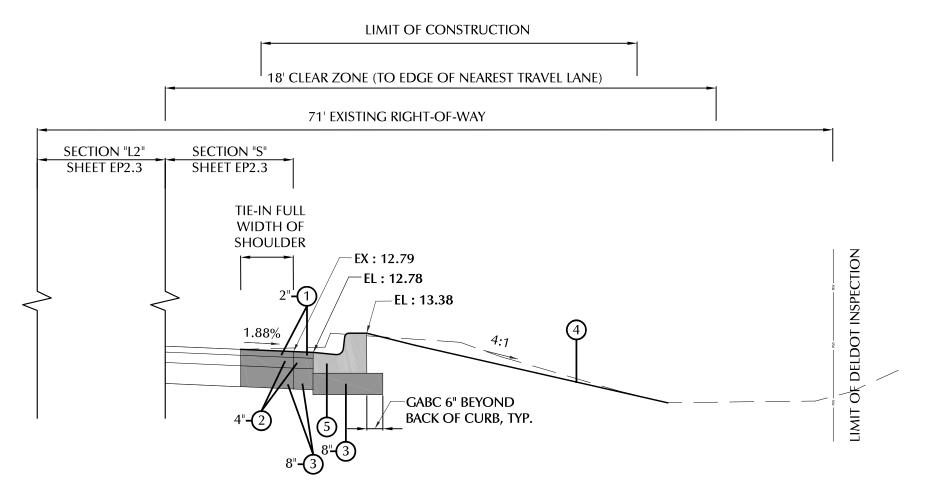




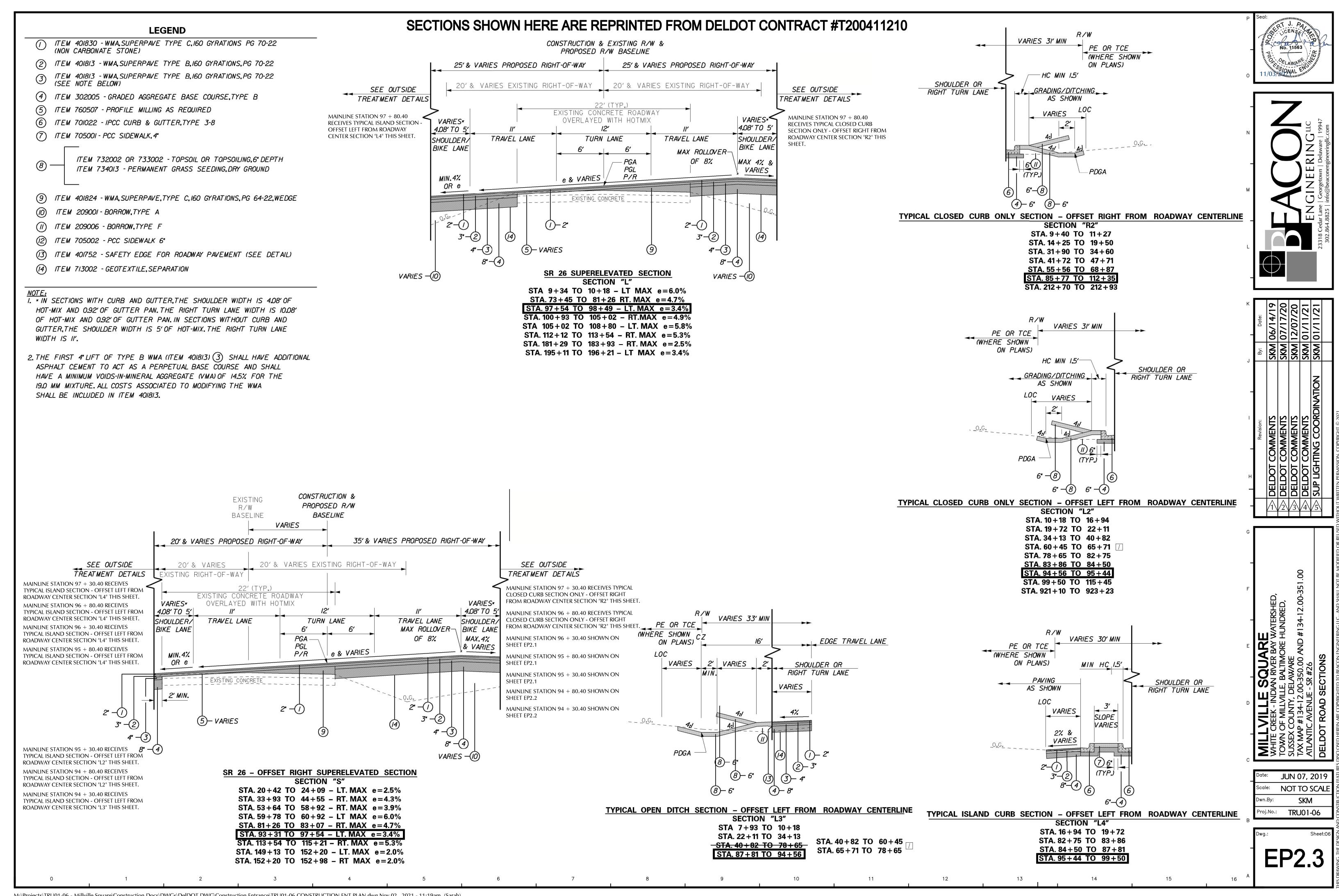
IILLVILLE SQUARE
HITE CREEK - INDIAN RIVER BAY WATERSHED,
WN OF MILLVILLE, BALTIMORE HUNDRED,
SSEX COUNTY, DELAWARE
X MAP #134-12.00-350.00 AND #134-12.00-351.00
LANTIC AVENUE - SR #26
II DOT BOAD SECTIONS

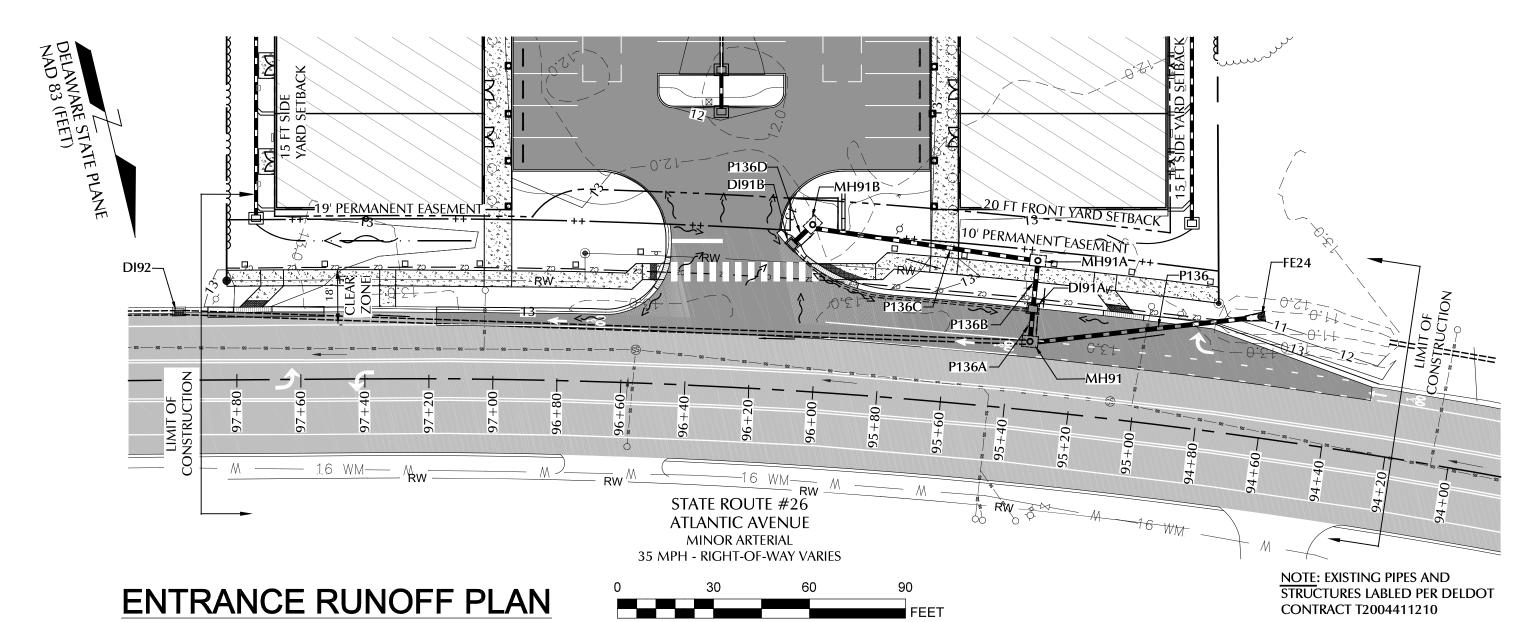
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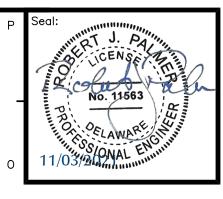
EP2.2



OFOTION AT MAINIMINE OTATON 04:00	0	3	6	9
SECTION AT MAINLINE STATON 94+30				FEET
1" = 3'				









ĸ -	Date:	SKM 06/14/19	SKM 07/17/20	SKM 12/07/20	SKM 01/11/21	SKM 01/11/21	
J	By:	SKM) WXS	SKM) NXS) WXS	
Ι _ Ι π	Revision:	DOT COMMENTS	DOT COMMENTS	DOT COMMENTS	DOT COMMENTS	P LIGHTING COORDINATION	

CREEK - INDIAN RIVER BAY WATERSHED,
OF MILLVILLE, BALTIMORE HUNDRED,
COUNTY, DELAWARE
AP #134-12.00-350.00 AND #134-12.00-351.00
IIC AVENUE - SR #26
AGE INFORMATION. PIPE AND STRUCTURE TABL

Date: JUN 07, 2019
Scale: NOT TO SCALE
Dwn.By: SKM
Proj.No.: TRU01-06

EP3.

PIPE SCHEDULE

PIPE	DESCRIPTION								INVERT ELEVATION	
	FROM	TO	SIZE	TYPE	LENGTH	CLASS	SLOPE (%)	IN	OUT	
136	FE24	MH91	15"	RCP	66'	V	1.71%	10.33	9.20	
136A	DI91A	MH91	15"	RCP	8'	Ш	0.80%	9.31	9.25	
136B	MH91A	DI91A	15"	RCP	12'	Ш	0.42%	9.36	9.31	
136C	MH91B	MH91A	15"	RCP	68'	III	1.00%	10.04	9.36	
136D	DI91B	MH91B	15"	RCP	5'	V	1.00%	10.09	10.04	

STRUCTURE SCHEDULE

STRUCTURE	DESCRIPTION			T.G.	INVERT IN	INVERT IN	INVERT
	ВОХ	TOP UNIT	GRATE	ELEVATION			OUT
*FE24			D3	_	10.33	_	_
MH91	48 X 30	МН	МН	12.68	9.25 (P)	9.20 (EX)	9.20 (EX)
DI91A	34 X 24	В	1	12.25	9.31	_	9.31
MH91A	48 X 30	мн	МН	12.70	9.36	_	9.36
MH91B	48 X 30	мн	МН	13.05	10.04	_	10.04
DI91B	34 X 24	В	1	12.36	_	_	10.09

* - SAFETY GRATE TO BE INSTALLED PER THE STATE OF DELAWARE DEPARTMENT OF TRANSPORTATION STANDARD CONSTRUCTION DETAILS (LATEST EDITION).

NOTE: INSTALL 12" WIDE X 18" DEEP CONCRETE COLLARS ON ALL MANHOLES.

EXISTING	LEGEND	PROPOSED
RW	PROPERTY LINE RIGHT OF WAY EASEMENT	RW
	YARD SETBACKS TREELINE	
	2 FT CONTOURS CONTOURS	44
A	IRON FENCE POST FOUND	
•	IRON ROD AND CAP SET	
	IRON PIPE FOUND CONCRETE MONUMENT FOUND	
•	IRON ROD AND CAP FOUND	
Ø	UTILITY POLE	
	DRAINAGE INLET	
	MANHOLE COVER	[O]
	PAVING	
	CONCRETE	- V - V - V - V - V - V - V - V - V - V

MAINTENANCE OF TEMPORARY TRAFFIC CONTROL NOTES (3/25/2019 REVISION)

1. ALL TEMPORARY TRAFFIC CONTROL AND TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH: THE CONTRACT DOCUMENTS, THE LATEST VERSION OF THE DELAWARE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (HEREINAFTER REFERRED TO AS THE "DELAWARE MUTCD"), CURRENT STATE OF DELAWARE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. AND SUPPLEMENTAL SPECIFICATIONS, INCLUDING ALL REVISIONS AS OF THE DATE OF THE ENTRANCE PERMIT APPROVAL.

2. CONTRACTOR SHALL SUPPLY MESSAGE BOARDS THAT ARE TO BE PLACED TEN (10) DAYS PRIOR TO CONSTRUCTION AND/OR TRAFFIC PATTERN CHANGES. THE MESSAGE BOARDS MUST REMAIN IN PLACE FIVE (5) DAYS AFTER WORK HAS STARTED AND/OR AFTER TRAFFIC PATTERN CHANGES. THE NUMBER OF MESSAGE BOARDS, LOCATIONS, AND WORDING ON THE MESSAGE BOARDS SHALL BE COORDINATED WITH THE DISTRICT SAFETY OFFICER.

3. THE DEPARTMENT RESERVES THE RIGHT TO STOP THE CONTRACTOR'S OPERATIONS, IF, IN THE OPINION OF THE DEPARTMENT'S REPRESENTATIVE, THE CONTRACTOR'S OPERATIONS ARE NOT IN COMPLIANCE WITH THE DELAWARE MUTCD, THE SPECIFICATIONS OR THE PLANS OR IF THE CONTRACTOR'S OPERATIONS ARE DEEMED UNSAFE.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE LOCAL 911 CENTER, LOCAL SCHOOLS AND DELDOT COMMUNITY RELATIONS OF ALL ROADS AND LANES TO BE CLOSED A MINIMUM OF SEVEN (7) CALENDAR DAYS BEFORE THE CLOSURE.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE TRANSPORTATION MANAGEMENT CENTER IS NOTIFIED EACH AND EVERY DAY WHEN WORK IS BEING PERFORMED IN STATE RIGHT-OF-WAY. THE CONTRACTOR SHALL IDENTIFY THE TYPE OF WORK, ANY LANE(S) OR SHOULDER(S) CLOSED, THE LENGTH OF TIME FOR WORK, WHEN THE LANE RESTRICTIONS ARE IN PLACE AND WHEN LANE RESTRICTIONS ARE LIFTED, CONTACT PERSON/PHONE NUMBER AND STATE INSPECTOR. THE TRANSPORTATION MANAGEMENT CENTER CAN BE REACHED AT (302) 659-4600.

6. WHEN SIDE ROADS INTERSECT THE WORK ZONE, ADDITIONAL TRAFFIC CONTROL DEVICES SHALL BE ERECTED INCLUDING PERMANENT

7. ALL STORAGE OF EQUIPMENT AND MATERIAL SHALL COMPLY WITH THE DELAWARE MUTCD, SECTION 6G.21.

8. ALL PAVEMENT MARKINGS THAT ARE NO LONGER IN USE AND CONFLICT WITH TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED AND COMPLETELY OBLITERATED BY A METHOD APPROVED BY THE ENGINEER. PAINTING OVER THE CONFLICTING PAVEMENT MARKINGS WILL NOT BE ACCEPTED AS A METHOD OF REMOVAL.

9. THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF EXISTING PAVEMENT WITHIN THE PROJECT LIMITS FOR THE DURATION OF THE CONTRACT OR AS DIRECTED BY THE ENGINEER.

10. TYPICAL APPLICATIONS PER THE DELAWARE MUTCD SHALL BE INCORPORATED TO ACHIEVE REQUIRED TEMPORARY TRAFFIC CONTROL AND SAFETY REQUIREMENTS. THIS PROJECT IS SUBJECT TO THE FOLLOWING TYPICAL APPLICATIONS UNLESS DIRECTED OTHERWISE BY THE DELDOT DISTRICT SAFETY OFFICER: TYPICAL APPLICATIONS: TA-1 WORK BEYOND THE SHOULDER GREATER THAN 10 FEET FROM THE EDGE OF TRAVELED WAY, TA-3 WORK ON THE SHOULDERS. REFER TO MAINTENANCE OF TRAFFIC PLAN SHEET 9, DWG SS1.2 FOR ADDTIONAL TRAFFIC CONTROL APPLICATIONS.

11. WITHIN THE MAINLINE WORK AREA, PERMANENT ADVANCE WARNING SIGNS WITH THE LEGENDS ROAD WORK AHEAD SHALL BE INSTALLED IN ADVANCE OF THE WORK AREA IN BOTH DIRECTIONS. AN END ROAD WORK SIGN SHALL BE LOCATED 500 FEET DOWNSTREAM FROM THE WORK AREA. ON INTERSECTING ROADWAYS WITHIN THE PROJECT LIMITS, A ROAD WORK AHEAD SIGN SHALL BE PLACED AT A DISTANCE NOT LESS THAN 500 FEET IN ADVANCE OF THE WORK AREA. ALL PERMANENT ADVANCE WARNING SIGNS SHALL BE GROUND MOUNTED ON TWO NCHRP-350 OR MASH APPROVED BREAKAWAY POSTS AND SHALL BE MOUNTED IN COMPLIANCE WITH THE DELAWARE MUTCD. PERMANENT ADVANCE WARNING SIGNS SHALL BE MOUNTED AT A HEIGHT OF 7 FEET, MEASURED FROM THE ROADWAY TO THE BOTTOM OF THE SIGN. THE USE OF SKID MOUNTED SIGN SUPPORTS IS NOT ALLOWED UNLESS THE CONTRACTOR CAN DEMONSTRATE THAT A UTILITY CONFLICT EXISTS, WHICH SHALL BE VERIFIED BY THE DISTRICT SAFETY OFFICER; OR CONCRETE MEDIANS PREVENT THE INSTALLATION OF THE PERMANENT ADVANCE WARNING SIGNS IN THE APPROPRIATE LOCATION.

12. THE USE OF MILLINGS AND GRADED AGGREGATE BASE COURSE (GABC) IN THE TRAVEL WAY, TEMPORARY TRAVEL WAY, HIGH VOLUME ENTRANCES AND ACCESS RAMP FOR THE PURPOSE OF PROVIDING A TEMPORARY ROADWAY SURFACE, POTHOLE REPAIR, TAPERED EDGE FOR UTILITIES, BUTT JOINTS, AND LONGITUDINAL DROP-OFFS (MILLING AND PAVING OPERATIONS) IS PROHIBITED UNLESS IT IS OTHERWISE DESIGNATED TO BE USED IN THE CONTRACT PLANS. USE COLD PATCH, BITUMINOUS CONCRETE, BITUMINOUS CONCRETE WEDGE, OR TAPER MILL, AS NOTED IN THE CONTRACT DOCUMENTS OR APPROVED BY THE ENGINEER. MILLINGS OR GABC SHALL BE USED AT THE FOLLOWING LOCATIONS WHERE ACCESS TO A BUSINESS, RESIDENCE, OR EDGE DROP OFF NEEDS TO BE MAINTAINED UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER TO USE BITUMINOUS CONCRETE OR COLD PATCH. ALL MILLINGS AND GABC WILL BE ROLLED AND COMPACTED TO HELP PREVENT THE MATERIAL FROM UNRAVELLING:

a. DRIVEWAYS

b. ENTRANCES

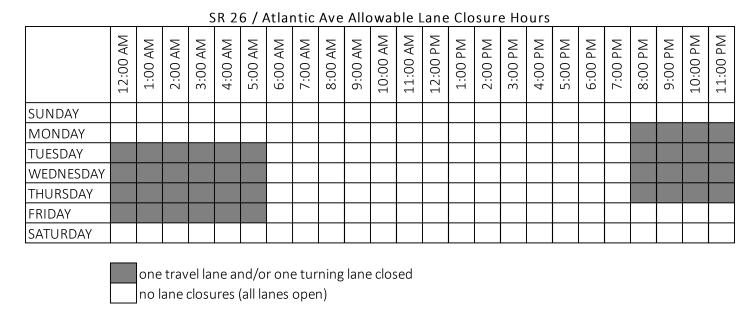
LOW VOLUME ACCESS RAMPS (IDENTIFIED IN THE CONTRACT DOCUMENTS)

d. EDGE DROP-OFFS ADJACENT TO LIVE ROADWAY (LANES AND SHOULDER) AND THE PROPOSED ROAD CONSTRUCTION e. EDGE OF ROADWAY DROP-OFF

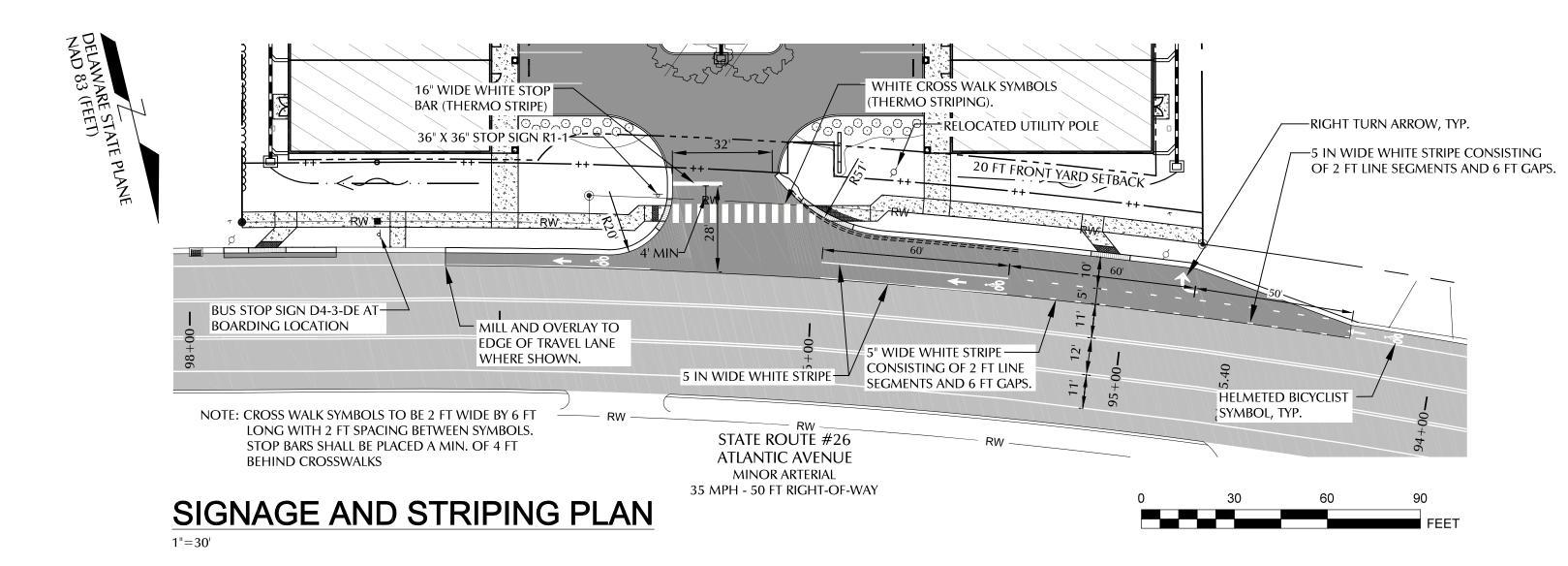
THE BASE COURSE MATERIAL SHALL BE PLACED AT NO GREATER THAN THE SLOPE SPECIFIED IN THE DELAWARE MUTCD, TABLE 6G-1 AND SHALL BE COMPACTED.

VERTICAL DIFFERENCES SHALL BE CORRECTED IN ACCORDANCE WITH THE DELAWARE MUTCD, TABLE 6G-1.

13. ACCEPTABLE MATERIALS FOR TEMPORARY PEDESTRIAN PATHS SHALL INCLUDE CONCRETE, HOT-MIX, COMPACTED MILLINGS OR PLYWOOD WALKWAY STRUCTURE. PLYWOOD WALKWAY STRUCTURES SHALL ALSO INCLUDE DETECTABLE EDGING AND RAILINGS IN ACCORDANCE WITH ADA GUIDELINES AND THE DELAWARE MUTCD. STONE OR GRADED AGGREGATE BASE COURSE SHALL NOT BE USED FOR TEMPORARY PEDESTRIAN PATHS.

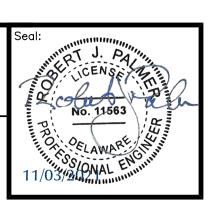


14. THE CONTRACTOR SHALL ADD THE BICYCLE IN LANE (W11-1-DE) SIGN TO THE TYPICAL APPLICATION SIGNING STACK DURING CONSTRUCTION ACTIVITIES THAT RESTRICT USE OF THE EXISTING SHOULDER/BIKE LANE.



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JUN 07, 2019 **AS SHOWN** SKM TRU01-06

