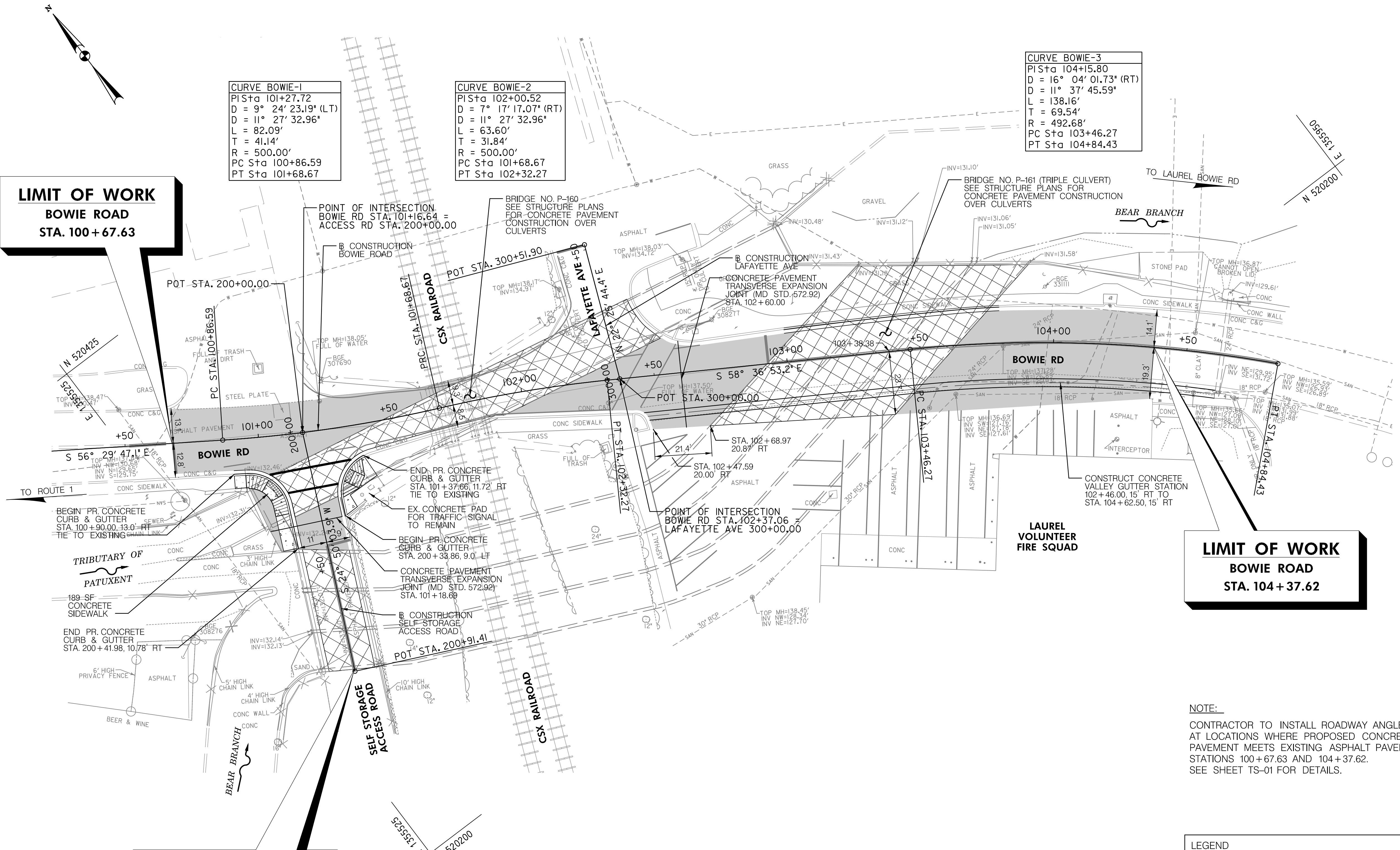




5 INCH CONCRETE SIDEWALK (P.G. DETAIL NOS. 300.05 & 300.06)		
189 SF	STA. 100+90.00, 13.70' RT TO STA. 200+41.98, 11.44' RT	
122 SF	STA. 200+33.86, 3.70' LT TO STA. 101+31.33, 12.33' RT	

NOTE: FOUR INCH GRADED AGGREGATE BASE SHALL BE PLACED UNDER 5 INCH CONCRETE SIDEWALK AND CONCRETE SIDEWALK RAMPS, AND PAYMENT SHALL BE INCIDENTAL TO PAY ITEM FOR 5 INCH CONCRETE SIDEWALK.

DETECTABLE WARNING SURFACE FOR SIDEWALK RAMPS		
10 SF	200+17.68, 13.77' RT	
10 SF	200+19.14, 12.60' LT	

NOTE: SEE P.G. DETAIL NOS. 300.07 & 300.08 FOR CONSTRUCTION OF DETECTABLE WARNING SURFACES. PAYMENT FOR DETECTABLE WARNING SURFACES SHALL BE INCIDENTAL TO 5 INCH CONCRETE SIDEWALK.

CONCRETE PAVEMENT		
204.5 SY	STA. 100+67.63 TO STA. 101+84.71, LT/RT	
208.5 SY	STA. 101+84.71 TO STA. 103+04.61, LT/RT	
310.5 SY	STA. 103+04.61 TO STA. 104+37.62, LT/RT	
32 SY	STA. 200+26.16 TO STA. 200+46.77, LT/RT	
10.5 SY	STA. 200+16.21, 24.00' RT TO STA. 200+41.85, 16.45' RT	

CONCRETE SIDEWALK RAMP		
1 EA	200+17.68, 13.77' RT (P.G. DETAIL NO. 300.08)	
1 EA	200+19.14, 12.60' LT (P.G. DETAIL NO. 300.07)	

NOTE: SEE P.G. DETAIL NOS. 300.07 & 300.08 FOR CONSTRUCTION OF CONCRETE SIDEWALK RAMPS. PAYMENT FOR CONCRETE SIDEWALK RAMPS SHALL BE INCIDENTAL TO 5 INCH CONCRETE SIDEWALK. FOUR INCH GRADED AGGREGATE BASE SHALL BE PLACED UNDER 5 INCH CONCRETE SIDEWALK AND CONCRETE SIDEWALK RAMPS, AND PAYMENT SHALL BE INCIDENTAL TO PAY ITEM FOR 5 INCH CONCRETE SIDEWALK.

CLEAN EXISTING DRAINAGE STRUCTURES		
1 EA	STA. 101+02.54, 25.60' LT	
1 EA	STA. 102+18.87, 35.80' LT	
1 EA	STA. 102+65.00, 42.18' LT	
1 EA	STA. 102+29.16, 25.46' RT	
1 EA	STA. 104+64.79, 15.34' RT	

CONCRETE VALLEY GUTTER		
71 SY	STA. 102+46.00, 15.00' RT TO STA. 104+62.50, 15.00' RT	

CONCRETE CURB AND GUTTER (P.G. DETAIL NO. 300.01)		
43 LF	STA. 100+90.00, 13.00' RT TO STA. 200+41.98, 10.78' RT	
26 LF	STA. 200+33.86, 3.00' LT TO STA. 101+37.66, 11.72' RT	
81 LF	STA. 103+00.00, 12.00' LT TO STA. 103+80.00, 13.52' LT	

LIMIT OF WORK
BOWIE ROAD
STA. 104 + 37.62

NOTE:
CONTRACTOR TO INSTALL ROADWAY ANGLES AT LOCATIONS WHERE PROPOSED CONCRETE PAVEMENT MEETS EXISTING ASPHALT PAVEMENT. STATIONS 100 + 67.63 AND 104 + 37.62. SEE SHEET TS-01 FOR DETAILS.

LEGEND

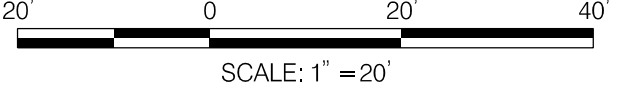
PAVEMENT OVER ROADWAY. (REPAIR TYPE 7, TYPE 11, FOR REPAIR SCHEDULE SEE SHEET S-1). HPLC CONCRETE PAVEMENT AND SILANE PROTECTIVE COATING. GROOVE CONCRETE PAVEMENT SURFACE PER SHA SPECIFICATIONS SECTION 420.03.07(D).

CONCRETE SIDEWALK

PAVEMENT OVER STRUCTURES. FOR DETAILS, SEE SHEETS S-3 & S-4.



REVISIONS	



PS - 01

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
PRINCE GEORGE'S COUNTY, MARYLAND

REHABILITATION OF BRIDGES
P-160 BOWIE ROAD OVER TRIB. TO PATUXENT RIVER
P-161 BOWIE ROAD OVER BEAR BRANCH

ROADWAY PLAN

SCALE: 1" = 20'	DWG. 5 OF 23
APPROVED XX/XX/XXXX	DATE
DESIGNED: LRA	CONTRACT NO. XXX-XXX
DRAWN: CSH	PROJECT NO.
CHECKED: KCW	FILE NO.
APPROVED: ERY T. BECKERT, P.E.	DATE
CHIEF, HIGHWAY AND BRIDGE DESIGN DIVISION	

Stantec
6110 FROST PLACE,
LAUREL, MARYLAND 20707
(301) 962-2860
www.stantec.com

PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO: 28255 EXPIRATION DATE: 06-30-2020

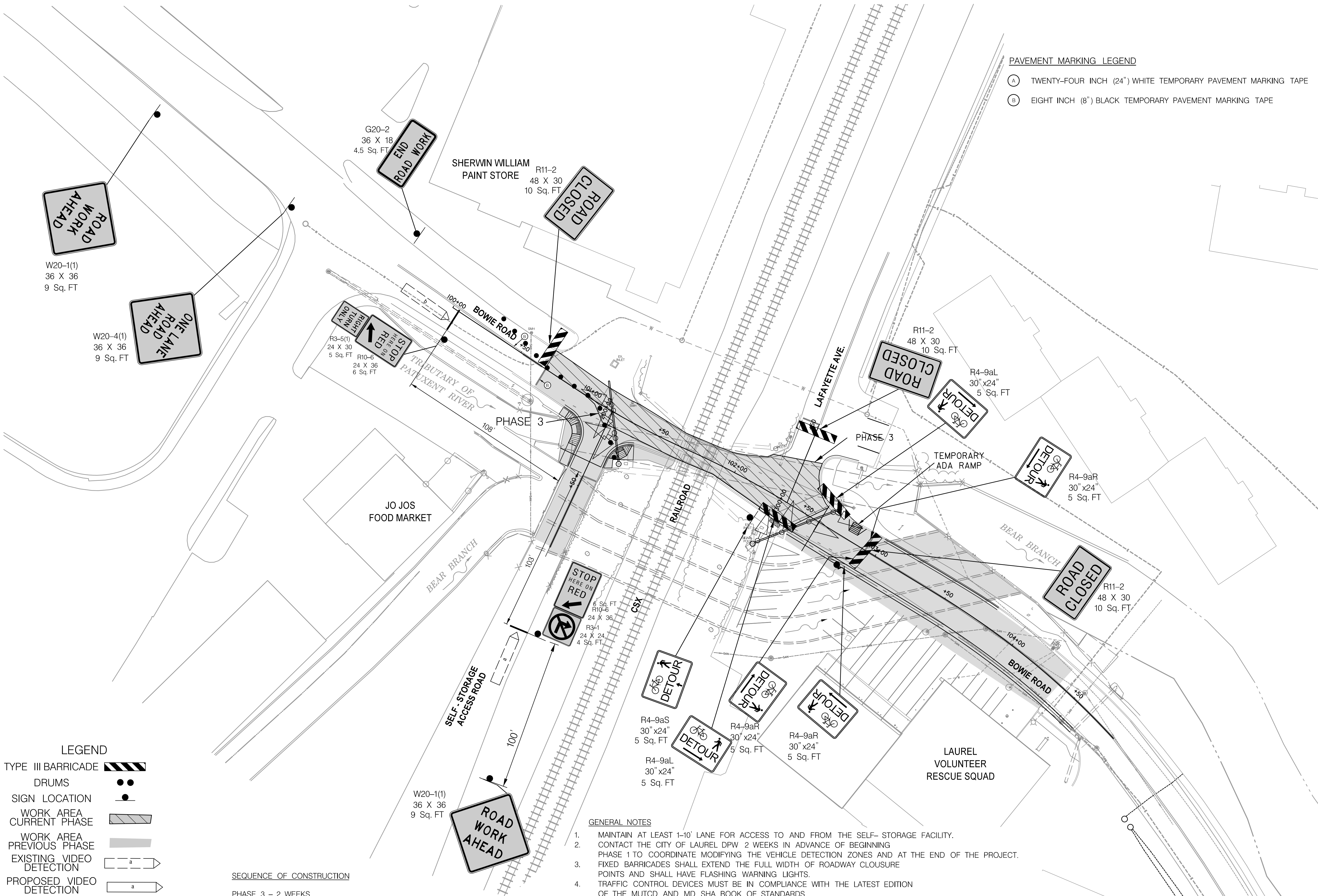
DATE: Thursday, October 31, 2019 AT 04:32 PM
FILE: I:\202603\141\271 Bowle Road Bridge - Phase 3\IN700 CADD\703 Traffic\sheets\pMT-1003.BowleRoad.dgn

F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
-	MD	SEE TITLE SHEET	15	23



PAVEMENT MARKING LEGEND

- (A) TWENTY-FOUR INCH (24") WHITE TEMPORARY PAVEMENT MARKING TAPE
(B) EIGHT INCH (8") BLACK TEMPORARY PAVEMENT MARKING TAPE



LEGEND

TYPE III BARRICADE

DRUMS

SIGN LOCATION

WORK AREA CURRENT PHASE

WORK AREA PREVIOUS PHASE

EXISTING VIDEO DETECTION

PROPOSED VIDEO DETECTION

PROPOSED MOT SIGN

MOT SIGN FROM PREVIOUS PHASE

ROAD CLOSED

ROAD CLOSED

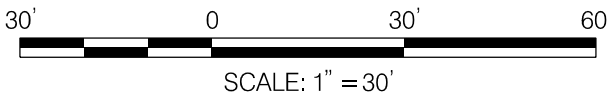
SEQUENCE OF CONSTRUCTION

PHASE 3 - 2 WEEKS

1. MAINTAIN PEDESTRIAN ACCESS ALONG THE SOUTHSIDE OF BOWLE ROAD UNDER THE CSX RAILROAD AT ALL TIMES.
2. INSTALL MOT FOR PHASE 3.
3. CONSTRUCT PAVEMENT FOR PHASE 3.
4. INSTALL FINAL PAVEMENT MARKINGS.
5. REMOVE DETOURS.

GENERAL NOTES

1. MAINTAIN AT LEAST 1-10' LANE FOR ACCESS TO AND FROM THE SELF-STORAGE FACILITY.
2. CONTACT THE CITY OF LAUREL DPW 2 WEEKS IN ADVANCE OF BEGINNING PHASE 1 TO COORDINATE MODIFYING THE VEHICLE DETECTION ZONES AND AT THE END OF THE PROJECT.
3. FIXED BARRICADES SHALL EXTEND THE FULL WIDTH OF ROADWAY CLOSURE POINTS AND SHALL HAVE FLASHING WARNING LIGHTS.
4. TRAFFIC CONTROL DEVICES MUST BE IN COMPLIANCE WITH THE LATEST EDITION OF THE MUTCD AND MD SHA BOOK OF STANDARDS.
5. ALL WARNING SIGNS NOT IN USE SHALL BE FULLY COVERED WITH OPAQUE MATERIAL.
6. SIGNAL HEADS ON THE EAST SIDE OF THE RAILROAD TRACKS SHALL BE BAGGED OR COVERED WHILE BOWLE ROAD IS CLOSED TO THROUGH TRAFFIC.
7. THE CONTRACTOR SHALL PROVIDE DETECTABLE BARRICADES OR OTHER OTHER MEASURES TO PREVENT PEDESTRIANS FROM WALKING INTO THE WORK ZONE.



Stantec

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LAUREL, MARYLAND 20707
(301) 962-2800
www.stantec.com

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OR APPROVED BY ME, AND THAT I AM A DULY LICENSED
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE
OF MARYLAND.
LICENSE NO: 17172 EXPIRATION DATE: 12/12/2020



REVISIONS			

APPROVED _____		For Terry Bellamy, Director, DPW&T	
DATE _____		DATE _____	
DESIGNED: RM	CONTRACT NO.	PROJECT NO.	
DRAWN: PJ	FILE NO.		-
CHECKED: KW			
APPROVED: Eric J. Beckert, P.E.	DATE _____		
Chief, Highway and Bridge Design Division			

MAINTENANCE OF TRAFFIC PLAN APPROVED
BY _____ DATE _____
CIP No. _____

TRAFFIC SAFETY DIVISION
OFFICE OF ENGINEERING
AND PROJECT MANAGEMENT
DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION

MOT - 04

**DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION**
PRINCE GEORGE'S COUNTY, MARYLAND

REHABILITATION OF BRIDGE NO. P-160
BOWLE ROAD OVER
TRIBUTARY TO PATUXENT RIVER

MAINTENANCE OF TRAFFIC PLAN - PHASE 3

SCALE: AS SHOWN DWG. 15 OF 23

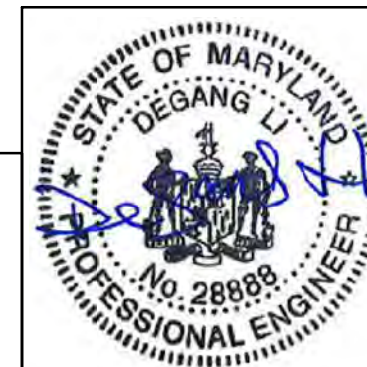


- PLAN**
-
- SCALE: $\frac{1}{16}" = 1'-0"$

	EXISTING
	REPAIR TYPE 3, CFRP WRAPPING (P-160)
	REPAIR TYPE 7, TYPE II, HPLC CONCRETE AND SILANE PROTECTIVE COATING, GROUTED JOINTS, AND CONCRETE PAVEMENT SURFACE PER SHA SECTION 420.03.07(D) EXCEPT THAT SIDEWALKS AND DRIVEWAY AREAS COVERED BY SOIL DO NOT REQUIRE REPAIR
	REPAIR TYPE 12, NSM CFRP REBAR (P-160)



PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED
OR APPROVED BY ME, AND THAT I AM A DULY LICENSED
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE
OF MARYLAND.
LICENSE NO: 28888 EXPIRATION DATE: 06/20/2021



REVISIONS	SCALE: AS SHOWN		DWG. 18 OF 23	
	APPROVED _____		FOR TERRY BELLAMY, DIRECTOR, DPW&T	
	DATE _____			
	DESIGNED: DL	CONTRACT NO.		
	DRAWN: VC			
	CHECKED: GF	PROJECT NO.		
	APPROVED: _____			
	Sgt. J. Becker, P.E. City of Hayward and Bridge Design Division	DATE _____	FILE NO. _____	

REHABILITATION OF BRIDGES
P-160 BOWIE ROAD OVER TRIB. TO PATUXENT RIVER
P-161 BOWIE ROAD OVER BEAR BRANCH

GENERAL PLAN

SCALE: AS SHOWN DWG. 18 OF 23

APPROVED _____
DATE _____ FOR TERRY BELLAMY, DIRECTOR, DPW&T

DESIGNED: DL	CONTRACT NO.
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DRAWN:	VC	PROJECT NO.
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CHECKED:	GF	PROJECT NO:
APPROVED:		

APPROVED: Erv T. Beckert, P.E. DATE FILE NO.