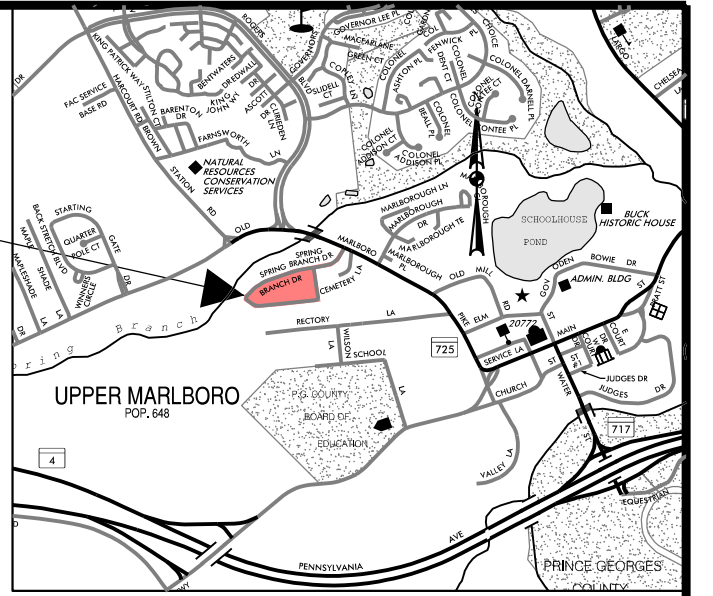


INDEX OF SHEETS:

SHEET NO.	DESCRIPTION	DRAWING NO.
1	TITLE SHEET	TI-01
2	TYPICAL SECTIONS	HT-01
3	SHEET LAYOUT PLAN	SP-01
4-7	ROADWAY PLANS	PS-01 - PS-04

PROJECT SITE



VICINITY MAP

SCALE: 1" = 2000'

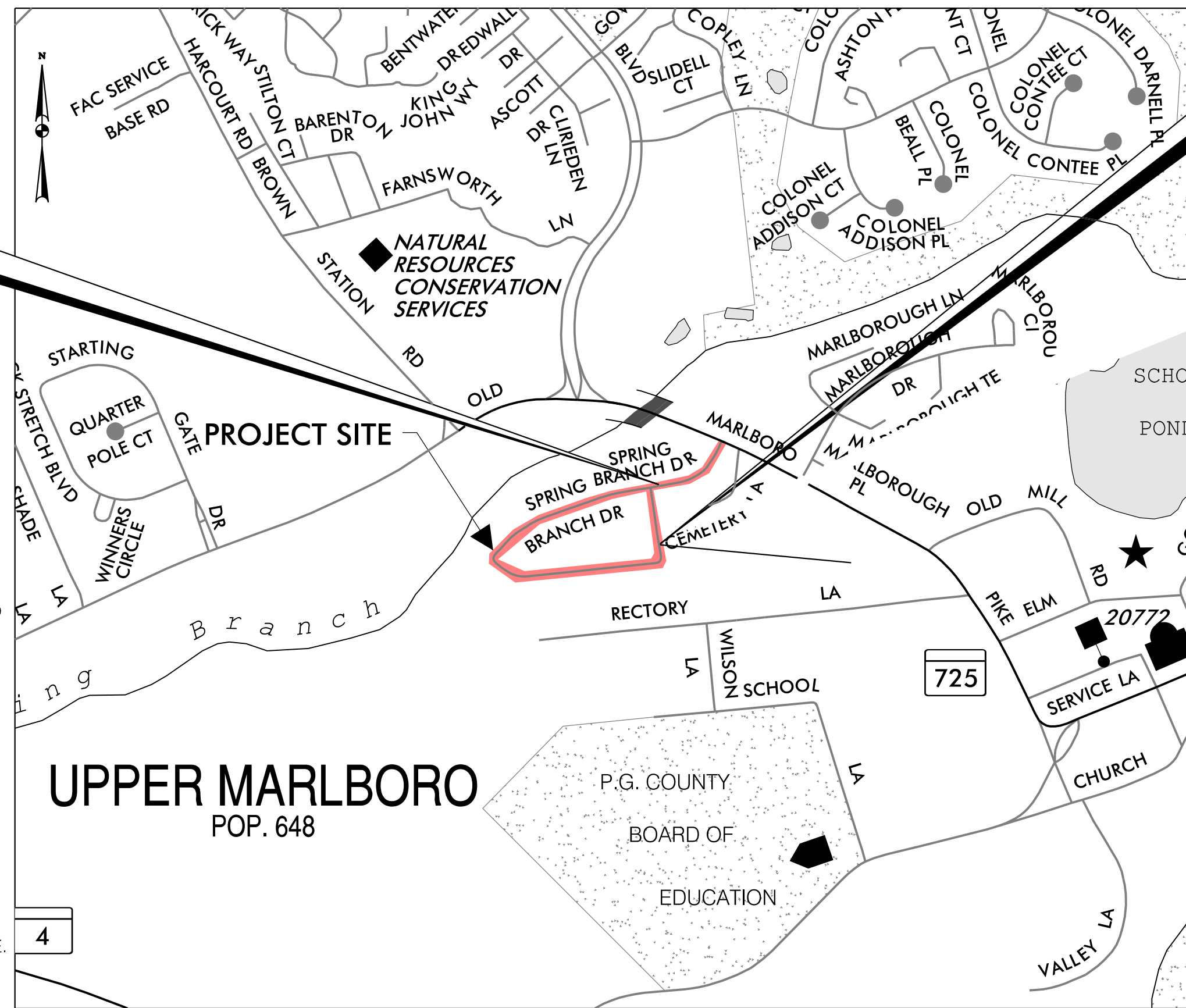
DEPARTMENT OF PUBLIC WORKS

TOWN OF UPPER MARLBORO

SPRING BRANCH DRIVE REHABILITATION AND RESURFACING

LIMIT OF WORK
SPRING BRANCH DRIVE
STA. 33+50

LIMIT OF WORK
SPRING BRANCH DRIVE
STA. 50+50



LOCATION MAP

SCALE: 1" = 500'

GENERAL NOTES

- NO COORDINATED SURVEY WAS PERFORMED FOR THIS PROJECT. EXISTING CONDITIONS SHOWN HEREIN ARE APPROXIMATE. ALL INFORMATION ON EXISTING CONDITIONS ARE FROM GIS MAPPING INFORMATION, AERIAL MAPPING INFORMATION AND SITE INVESTIGATION.
- THE BASELINE ESTABLISHED IS FOR ILLUSTRATIVE PURPOSE ONLY TO LOCATE THE IMPROVEMENTS WITHIN THE LIMITS OF THE PROJECT.
- ALL STATIONS, OFFSETS, AND DIMENSIONS CALLED OUT ON THE DETAILS AND ROADWAY PLANS ARE APPROXIMATE.
- CONTRACTOR SHALL VERIFY ACTUAL SITE CONDITIONS PRIOR TO THE START OF ANY WORK. THE TOWN OF UPPER MARLBORO DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OF THE EXISTING CONDITION INFORMATION PRESENTED HEREIN AND IS NOT RESPONSIBLE FOR ANY CONCLUSIONS DRAWN FROM THEM. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE START OF WORK.
- PAVEMENT FINE MILLING OPERATIONS SHALL NOT BEGIN UNLESS THERE IS SUFFICIENT TIME TO RESURFACE THE ROADWAY BEFORE COLD WEATHER HALTS CONSTRUCTION. THE CONTRACTOR SHALL NOT ALLOW THE GROUND ROADWAY TO BE EXPOSED TO WEATHER AND TRAFFIC FOR MORE THAN TWO WEEKS.
- ALL PROPOSED PAVEMENT MARKINGS SHALL TIE INTO EXISTING PAVEMENT MARKINGS AT LIMITS OF WORK AS SHOWN.
- ALL GRADING AND PAVING SHALL BE DONE IN SUCH A MANNER AS TO ENSURE POSITIVE DRAINAGE. EXISTING CROSS SLOPES SHALL BE MAINTAINED UNLESS OTHERWISE DIRECTED BY THE ENGINEER IN THE FIELD.
- NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT UNLESS THE RUNOFF IS DIRECTED TO AN MDE APPROVED SEDIMENT CONTROL DEVICE.
- ALL EXISTING UTILITY FRAMES AND GRATES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE ADJUSTED TO FINISHED GRADE.
- ALL ROADWAY CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING: THE PRINCE GEORGE'S COUNTY DPW&T SPECIFICATIONS AND STANDARDS FOR ROADWAYS AND BRIDGES; THE PRINCE GEORGE'S COUNTY CODE, SUBTITLE 23, ROAD ORDINANCE; AND THE PRINCE GEORGE'S COUNTY POLICY AND SPECIFICATION FOR UTILITY INSTALLATION AND MAINTENANCE.
- NO WORK IS TO BEGIN UNTIL ALL ADVANCE WARNING SIGNS, DRUMS AND ARROW PANELS ARE IN PLACE AND OPERATIONAL.
- THE CONTRACTOR AND OTHERS SHALL PERFORM ALL WORK IN A MANNER THAT WILL ENSURE THE LEAST PRACTICAL OBSTRUCTION TO TRAFFIC, PEDESTRIANS, BUSINESSES, RESIDENTS, AND BE CONSISTENT WITH SAFETY.

MOT-GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION WORK ZONE TRAFFIC CONTROL TYPICALS, THE MDMUTCD AND SUBSEQUENT REVISIONS ADOPTED BY THE STATE OF MARYLAND, AND THESE PLANS.
- PAVEMENT MARKINGS NO LONGER APPLICABLE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. TEMPORARY MARKINGS SHALL BE INSTALLED AS SHOWN ON PLANS.
- TEMPORARY TAPE SHALL BE PERMITTED ON EITHER ASPHALT OR CONCRETE SURFACES.
- TEMPORARY PAINT SHALL BE USED ON PAVED SURFACES ONLY AND IS TO BE MAINTAINED THROUGHOUT THE DURATION OF THE CONSTRUCTION. REFLECTIVITY AND VISIBILITY. BLACK PAINT SHALL NOT BE PERMITTED.
- ALL EXISTING SIGNS AND PAVEMENT MARKINGS SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE CONSTRUCTION UNLESS A CHANGE IS SHOWN ON THE PLAN AND/OR AS DIRECTED BY THE ENGINEER.
- PORTABLE VARIABLE MESSAGE SIGNS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER. ALL PROPOSED PVMS SHALL BE PLACED ACCORDING TO STD. MD 104.01-22
- EXCAVATIONS IN AREAS WHERE THE WORK BUFFER IS LESS THAN ONE LANE SHALL BE BACKFILLED WITH GAB FOR MOT PRIOR TO THE END OF THE WORK DAY, IN CONFORMANCE WITH STD. MD. 104.01-28
- ADVANCE WARNING SIGNS SHALL BE INSTALLED AT A MINIMUM SPACING OF 200 FEET TO AN EXISTING SIGN, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- SIGNS USED FOR TEMPORARY TRAFFIC CONTROL THAT ARE NOT APPLICABLE FOR A PARTICULAR CONSTRUCTION STAGE SHALL BE REMOVED OR COMPLETELY COVERED WITH A NON TRANSPARENT MATERIAL.
- NO WORK IS TO BEGIN UNTIL ALL ADVANCE WARNING SIGNS, CHANNELIZING DEVICES AND PAVEMENT MARKINGS ARE IN PLACE AND OPERATIONAL.
- FOR OFF-PEAK HOUR WORK ZONES, TYPICAL APPLICATIONS FROM CATEGORY 1 OF THE MDOT SHA BOOK OF STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES IN ADDITION TO THOSE CITED ON THESE PLANS MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER.
- TYPICAL APPLICATIONS TO BE USED FOR OFF-PEAK HOUR WORK MAY BE MODIFIED AS REQUIRED BASED ON FIELD CONDITIONS, AS DIRECTED BY THE ENGINEER.
- THE REMOVAL OF TEMPORARY PAVEMENT MARKING PAINT OR THERMOPLASTIC SHALL BE PERFORMED USING WATERBLASTING.
- ALL TRAVEL LANES SHALL BE A MINIMUM OF 11FT. IN WIDTH THROUGHOUT ALL STAGES OF CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.

SIGNATURE _____ DATE _____

MEAD & HUNT, INC.

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY PROFESSIONAL ENGINEER UNDER THE LAW OF

STATE OF MARYLAND, LICENSE No. _____

EXPIRATION DATE _____

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 SUITE 100
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 (443) 741-3500
 WWW.MEADHUNT.COM

APPROVED: _____ DATE _____
 DIRECTOR OF PUBLIC WORKS

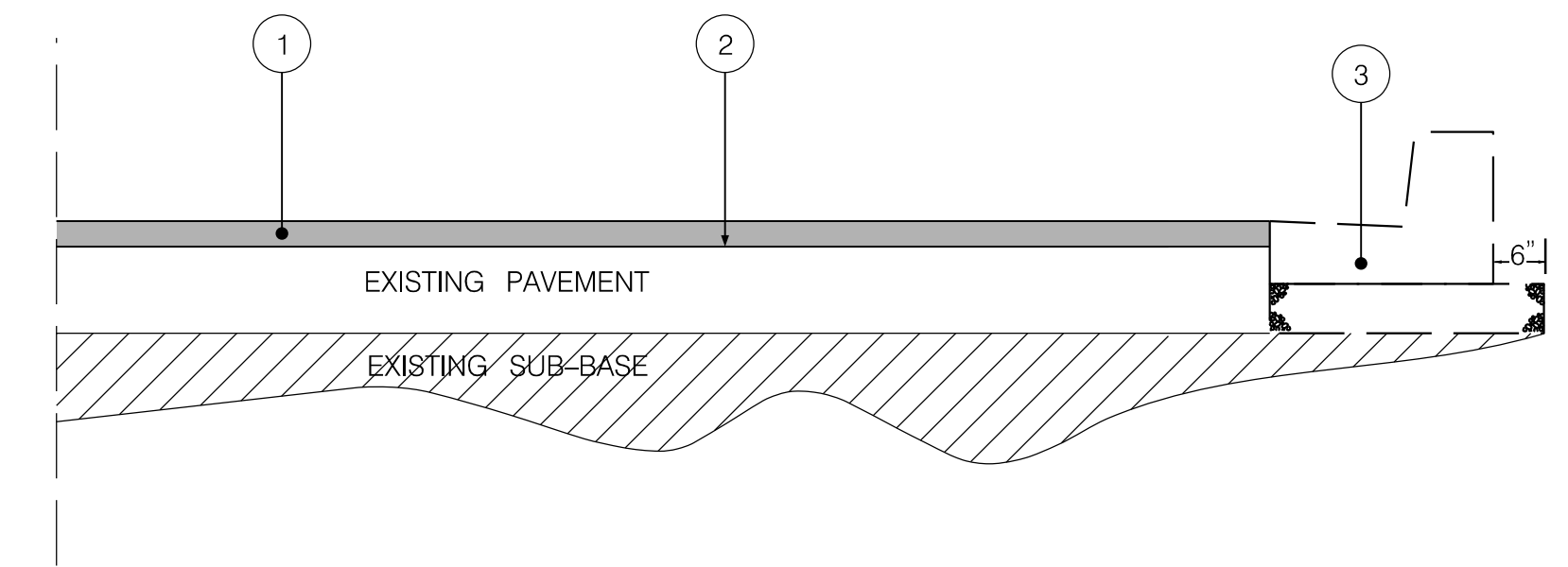
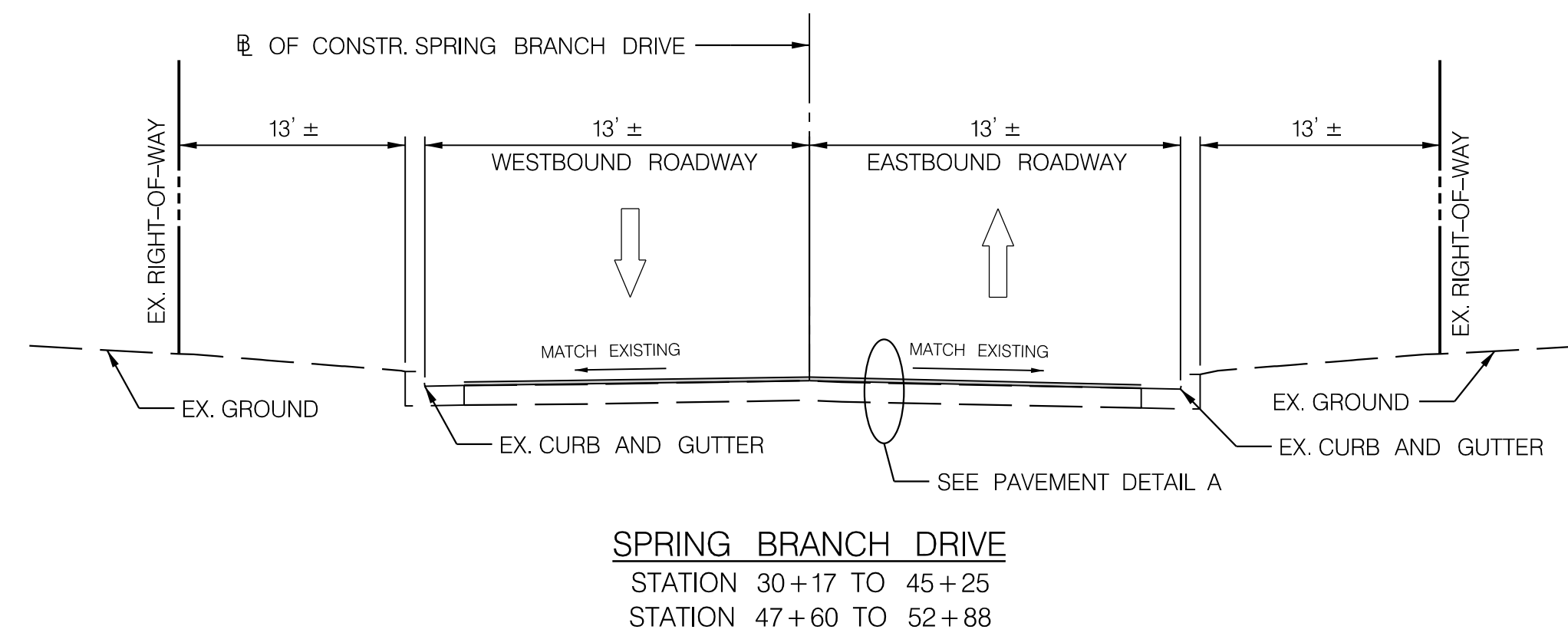
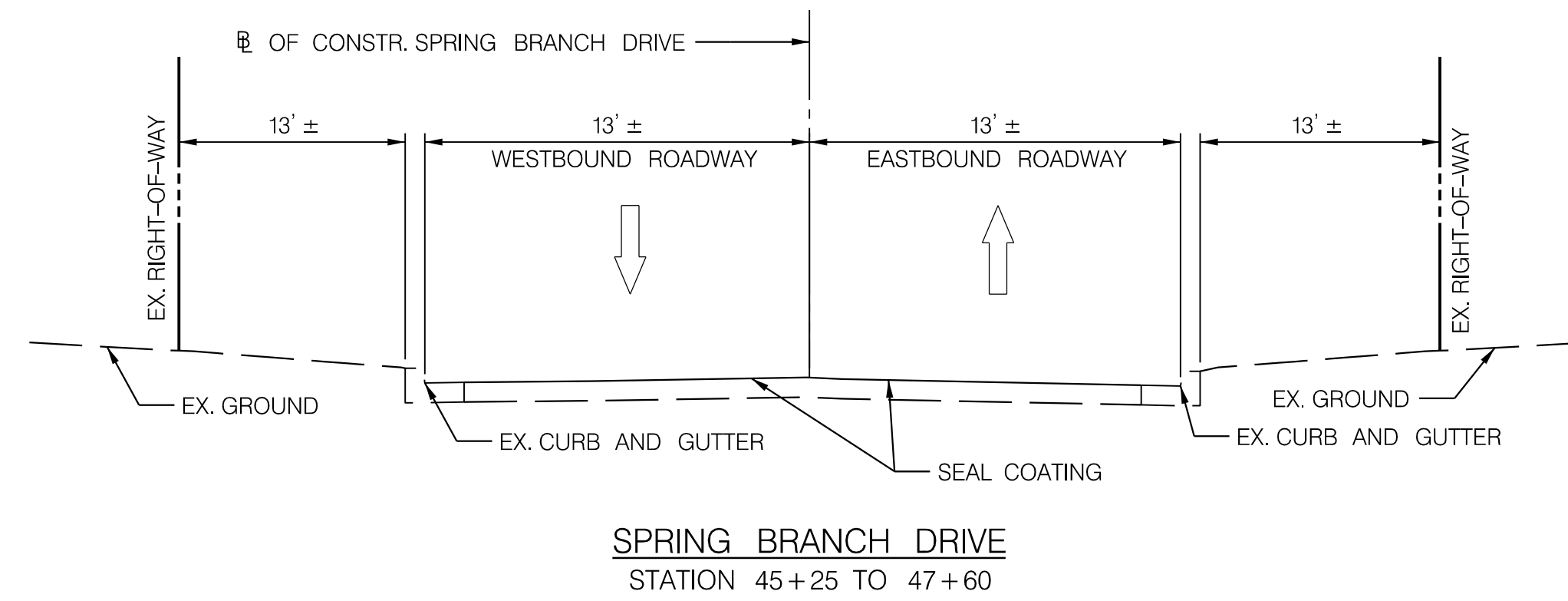
DEPARTMENT OF PUBLIC WORKS
 TOWN OF
UPPER MARLBORO
 14211 SCHOOL LANE UPPER MARLBORO, MARYLAND

ADDENDUMS & REVISIONS			
NO.	DESCRIPTION	BY.	DATE

TITLE SHEET

FUTURE IMPROVEMENTS OF TOWN OWNED STREETS
 MULTIPLE STREETS/VARIOUS LOCATIONS

DATE JULY, 2023	SHEET NO. 1	DWG. NO. TI-01
JOB NO. -	OF 7	

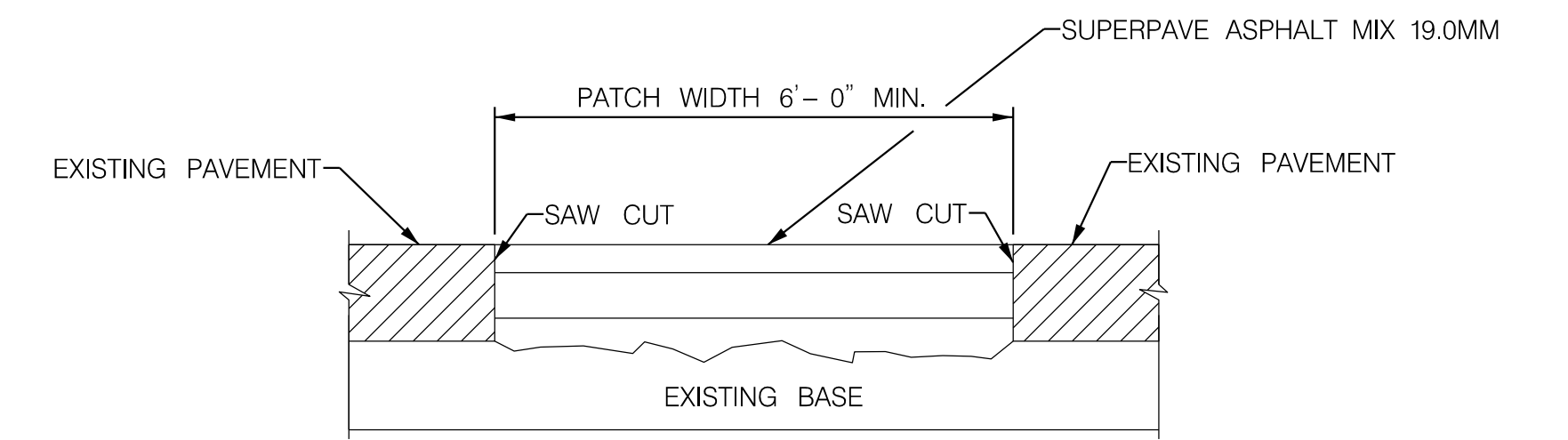


PAVEMENT DETAIL A - 1.5 INCH MILL AND OVERLAY

NOT TO SCALE

PAVEMENT LEGEND

- ① 1.5" SUPERPAVE MIXTURE HOT MIX ASPHALT (HMA) SURFACE, 9.5MM, PG 64-22
- ② TOP OF EXISTING PAVEMENT SURFACE AFTER 1.5" MILLING
- ③ EXISTING CURB AND GUTTER



PAVEMENT DETAIL B - FULL DEPTH PATCH

NOT TO SCALE

TOWN OF UPPER MARLBORO

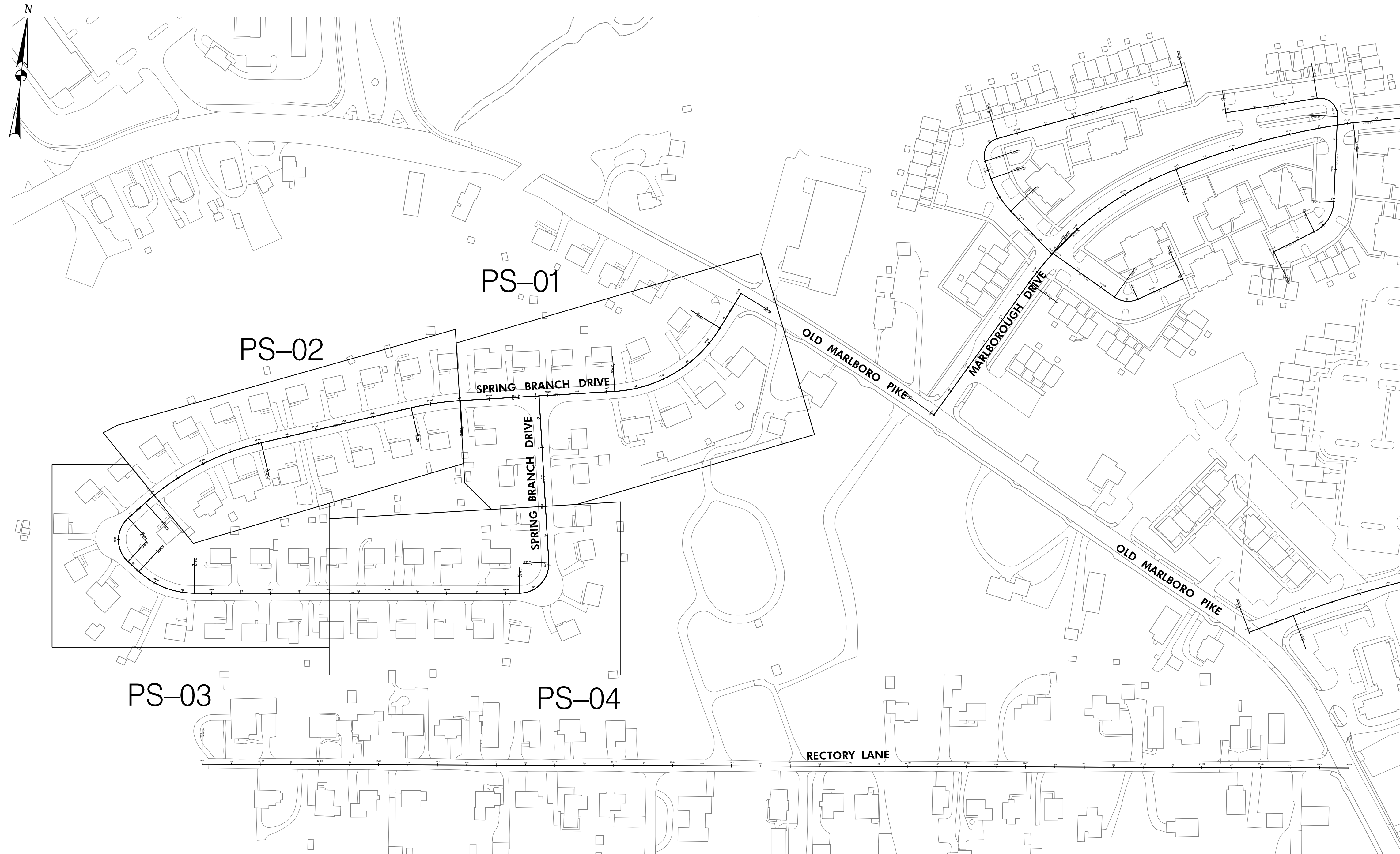
TYPICAL SECTIONS
SPRING BRANCH DRIVE REHABILITATION AND RESURFACING

SCALE	NTS	DATE	JULY 2023
DESIGNED BY	SK	COUNTY	PRINCE GEORGE'S
DRAWN BY	SK	SHEET NO.	2 OF 7
CHECKED BY	JM	DRAWING NO.	HT-01 OF HT-01



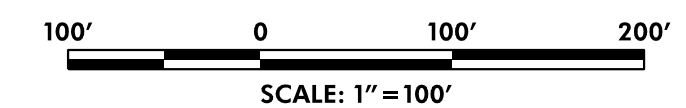
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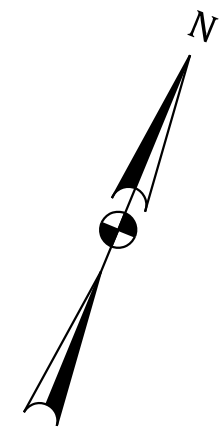


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TOWN OF UPPER MARLBORO	
SHEET LAYOUT PLAN SPRING BRANCH DRIVE REHABILITATION AND RESURFACING	
SCALE <u>1"=20'</u>	DATE <u>JULY 2023</u>
DESIGNED BY <u>SK</u>	COUNTY <u>PRINCE GEORGE'S</u>
DRAWN BY <u>SK</u>	SHEET NO. <u>3</u> OF <u>7</u>
CHECKED BY <u>JM</u>	DRAWING NO. <u>SP-01</u> OF <u>SP-01</u>



LEGEND:

- SEAL COATING
- MILL & OVERLAY

STANDARD MILLING ASPHALT PAVEMENT OVER 1 INCH TO 2.5 INCH DEPTH

2284 SY SPRING BRANCH DRIVE STA. 30+17 TO STA. 35+50 & STA. 51+00 TO STA. 52+88

1.5" SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE, PG 64S-22, LEVEL 2

202 TON SPRING BRANCH DRIVE STA. 30+17 TO STA. 35+50 & STA. 51+00 TO STA. 52+88

TOWN OF UPPER MARLBORO

ROADWAY PLAN
SPRING BRANCH DRIVE REHABILITATION AND RESURFACING

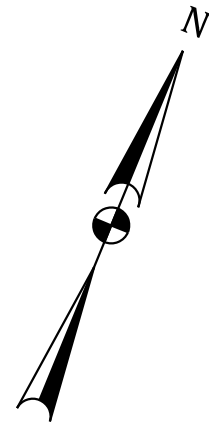
SCALE 1" = 20' DATE JULY 2023

DESIGNED BY SK COUNTY PRINCE GEORGE'S
 DRAWN BY SK SHEET NO. 4 OF 7
 CHECKED BY JM DRAWING NO. PS-01 OF PS-04


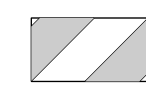


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LEGEND:

-  SEAL COATING
-  MILL & OVERLAY

STANDARD MILLING ASPHALT PAVEMENT OVER 1 INCH TO 2.5 INCH DEPTH
 1673 SY SPRING BRANCH DRIVE - STA. 35+00 TO STA. 41+00

1.5" SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE, PG 64S-22, LEVEL 2
 149 TON SPRING BRANCH DRIVE - STA. 35+00 TO STA. 41+00



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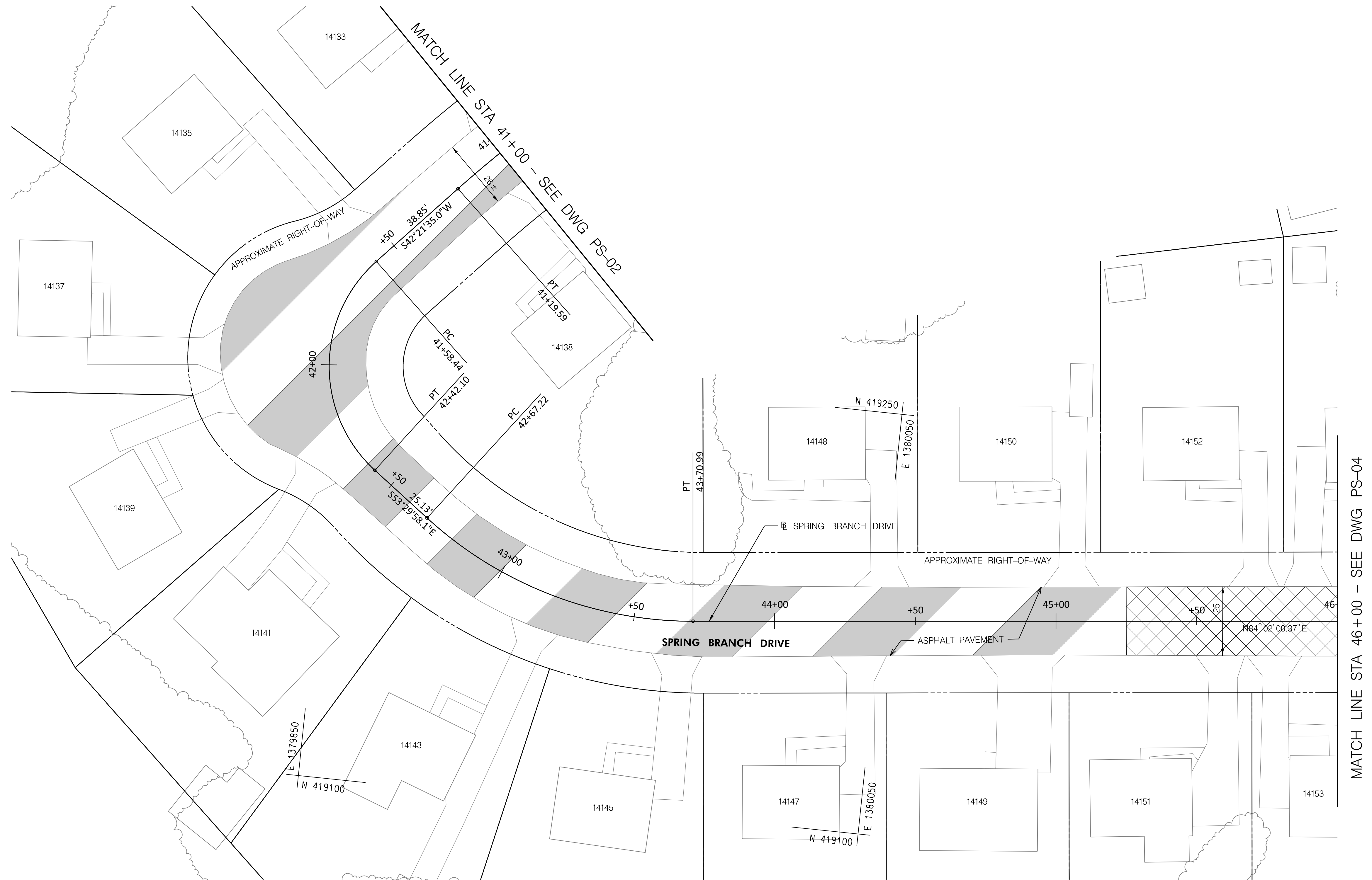
ROADWAY PLAN
 SPRING BRANCH DRIVE REHABILITATION AND RESURFACING

SCALE 1" = 20' DATE JULY 2023


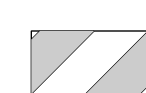
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 DRAWN BY SK SHEET NO. 5 OF 7
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LEGEND:

-  SEAL COATING
-  MILL & OVERLAY

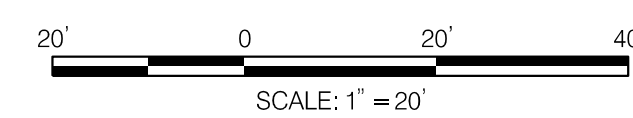
STANDARD MILLING ASPHALT PAVEMENT OVER 1 INCH TO 2.5 INCH DEPTH
1505 SY SPRING BRANCH DRIVE - STA. 41+00 TO STA. 45+25

EMULSIFIED ASPHALT FOR SEAL COAT
116 GAL SPRING BRANCH DRIVE - STA. 45+25 TO STA. 46+00

1.5' SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE, PG 64S-22, LEVEL 2
133 TON SPRING BRANCH DRIVE - STA. 41+00 TO STA. 45+25



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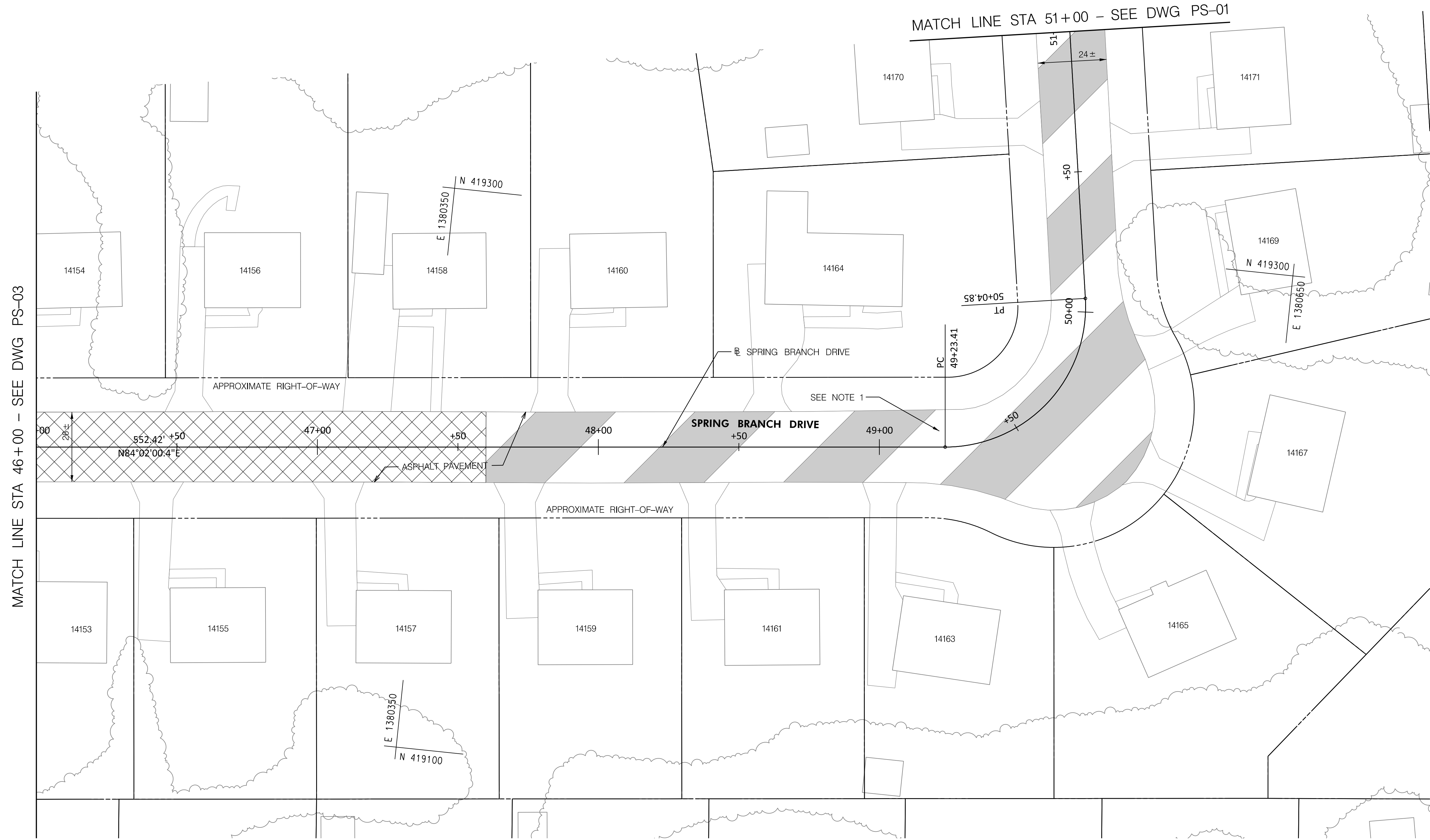
TOWN OF UPPER MARLBORO

ROADWAY PLAN
 SPRING BRANCH DRIVE REHABILITATION AND RESURFACING

SCALE 1"=20' DATE JULY 2023

DESIGNED BY SK COUNTY PRINCE GEORGE'S
 DRAWN BY SK SHEET NO. 6 OF 7
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 7/26/2023



MATCH LINE STA 46+00 - SEE DWG PS-03

LEGEND:

- SEAL COATING
- MILL & OVERLAY

STANDARD MILLING ASPHALT PAVEMENT OVER 1 INCH TO 2.5 INCH DEPTH
1253 SY SPRING BRANCH DRIVE - STA. 47+60 TO STA. 51+00

SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE, PG 64S-22, LEVEL 2
111 TON SPRING BRANCH DRIVE - STA. 47+60 TO STA. 51+00

SUPERPAVE ASPHALT MIX 19.0MM FOR FULL-DEPTH PATCH
108 TON SPRING BRANCH DRIVE - (SEE NOTE 1)

EMULSIFIED ASPHALT FOR SEAL COAT
245 GAL SPRING BRANCH DRIVE - STA. 46+00 TO STA. 47+60

NOTE:

1. THE EXACT LOCATION FOR FULL DEPTH PATCH TO BE DETERMINED BY THE CONTRACTOR AND TOWN'S ENGINEER POST 1.5" MILL.

TOWN OF UPPER MARLBORO

ROADWAY PLAN
SPRING BRANCH DRIVE REHABILITATION AND RESURFACING

SCALE 1" = 20' DATE JULY 2023

DESIGNED BY SK COUNTY PRINCE GEORGE'S
 DRAWN BY SK SHEET NO. 7 OF 7
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