RECORD DRAWING CERTIFICATION

A record set of approved Sediment Control/Stormwater Management plans must be maintained on-site at all times. In addition to stormwater management items, these plans must include the number and location of all trees proposed to be planted to comply with the Tree Canopy Law. Any approved modifications or deletions of stormwater practices or tree canopy plantings or information must be shown on this record set of plans and on the Tree Canopy Requirements table. Upon completion the project, this record set of plans, including hereon this signed Record Drawing Certification, must be submitted to the MCDPS inspector. In addition to this Record Drawing Certification, a formal Stormwater Management As-Built submission is required [] is not required for this project.

If this project is subject to a Stormwater Management Right of Entry and Maintenance Agreement, that document is recorded in Montgomery County Land

Folio _______. This Record Drawing will serve as referenced in the recorded document.

"This record drawing accurately and completely represents the stormwater management practices and tree canopy plantings as they were constructed or planted. All stormwater management practices were constructed per the approved Sediment Control / Stormwater Management plans or subsequent approved revisions."

INDEX OF SHEETS

TITLE SHEET

TYPICAL SECTIONS

GEOMETRIC LAYOUT

ROADWAY PLAN

MISCELLANEOUS DETAILS

SHEET NO.

3

6-8

FIELD CHECK OF RECORD DRAWING BY MCDPS INSPECTOR: INITIALS:

DGN NO.

GT-OI

GN-01

HT-0I

DE-01

GS-01

HD-01 TO HD-03

SW-OITO SW-O3

DATE:

DGN. DESCRIPTION

ABBREVATIONS, CONVENTIONAL SIGNS, & STANDARD SYMBOLS

STORMWATER MANAGEMENT PLAN AND DETAILS

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION

C. I. P. PROJECT NO. 502406 SHA TRACKING NO. T.B.D.

LIMIT OF WORK C.I.P. PROJECT NO. 502406 MD 198 (SANDY SPRING ROAD) STA. 42 + 46.9529 LIMIT OF WORK **C.I.P. PROJECT NO. 502406** MD 198 (SANDY SPRING ROAD) STA. 59 + 72.16VICINITY MAP SCALE : I"= 500'

Pf	ROJECT	LENGTH	=	0.33	M

IT IS THE	RESPONS	SIBILITY OF	PERMITTEE/OWN	ER OF THIS SITE TO	
ALL	REQUIRE		ENT CONTROL PE	NCE OF THE APPROY	VED
TYPE OF PERMIT	REQD	NOT REQD	PERMIT#	EXPIRATION DATE	WORK RESTRICTION DATE
MCDPS Floodplain District		X			
WATERWAYS/WETLAND(S):		X		AT 12	
a. Corps of Engineers		X			
b. MDE		X			
c. MDE Water Quality Certification		X			
MDE Dam Safety		X		60 E	
DNR Roadside Tree Care	V	× 65 50	TDD	Approval Date	
Permit	X		T.B.D.	T.B.D.	
DPS Roadside Tree	Х		TDD	Approval Date	
Protection Plan	_ ^		T.B.D.	T.B.D.	
N.P.D.E.S.	Х				DATE FILED
NOTICE OF INTENT	_ ^				
OTHERS (Please List):		X			

		TY DEPARTMENT C S APPROVED FOR			NOTE: MCDPS APPROVAL DOES NOT NEGATE THE NEED FOR A MCDPS ACCESS PERMIT	
STORMWATER MANAGEMENT: BIOSWALE			SEDIMENT CONTROL TECHNICAL REQUIREMENTS		ADMINISTRATIVE REQUIREMENTS	
				REVIEWED	DATE	
		REVIEWED	DATE	T.B.().	
		-		SEDIMENT (PERMIT		
REVIEWED T.B	DATE .D.	APPROVED	DATE			
APPROVED	DATE					
T.E	.D.	_		MCDPS APPROVAL OF T TWO YEARS FROM THE IF THE PROJECT HAS N	DATE OF APPROVA	
SM F	ILE #					

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS OF THE MARYLAND STATE HIGHWAY ADMINISTRATION, MONTGOMERY COUNTY, AND THE WASHINGTON SUBURBAN SANITARY COMMISSION.
- TYPES OF STORM DRAIN STRUCTURES REFER TO THE "DESIGN STANDARDS" OF MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION, UNLESS OTHERWISE NOTED.
- ALL STORM DRAIN PIPE SHALL BE INSTALLED WITH CLASS "C" BEDDING UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS TO STORM DRAIN STRUCTURES, WHEN NECESSARY, TO MEET EXISTING CONDITIONS, AS APPROVED BY MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION'S PROJECT INSPECTOR.
- INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATIONS AND ELEVATIONS OF THE LINES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS, WELL IN ADVANCE OF TRENCHING, IF CLEARANCES ARE LESS THAN SHOWN OR SIX (6) INCHES, WHICHEVER IS LESS, CONTACT MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION'S PROJECT INSPECTOR AND THE APPROPRIATE UTILITY OWNER BEFORE PROCEEDING WITH CONSTRUCTION.
- REPAIRS TO UTILITIES OR PROPERTY DAMAGE AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE OR METHOD OF OPERATION MUST BE MADE AT THE CONTRACTOR'S EXPENSE BEFORE PROCEEDING
- CALL "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDER GROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF CHAPTER 36A OF THE MONTGOMERY COUNTY CODE.
- CLEARING IS TO BE LIMITED TO THE "LIMIT OF DISTURBANCE" AS SHOWN ON THE PLANS.
- ALL GRADING SHALL BE DONE IN SUCH A MANNER AS TO PROVIDE POSITIVE DRAINAGE.
- ALL DISTURBED AREAS MUST BE TOPSOILED PER THE MDE "2011 STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", PRIOR TO FINAL VEGETATIVE STABILIZATION
- II. ALL DISTURBED AREAS TO BE STABILIZED PER MDE REQUIREMENTS.
- 12. HORIZONTAL DATUM: MSHA, NAD 83/91 VERTICAL DATUM: NAVD 88

DRAINAGE STATEMENT

I understand that DPS approval of this sediment control/stormwater management plan is for demonstrated compliance with required environmental runoff treatment standards. This DPS sediment control/stormwater management plan approval does not relieve me of professional responsibility. I have analyzed the proposed design for sediment control permit no. and hereby state that, based upon my background, training and experience, I have determined that the proposed improvements shown on this plan meet relevant laws and regulations. I further acknowledge that I have analyzed the post development drainage patterns for this project from the standpoint of my responsibilities under current Maryland Law and have determined that if permission is required from adjacent property owners, it has been obtained and copies of those permissions have been made available to DPS.

Engineer's Signature	Date	

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION DIVISION OF TRANSPORTATION ENGINEERING

GT-01

SHEET NO.

TREE CANOPY REQUIREMENTS TABLE To be completed by the consultant and placed on the first sheet of the Sediment Control / Stormwater Manageme

Exempt: Yes No X If exempt under Section 55-5 of the Code, please check th

Required Number of Shade Trees

Area (sq. ft.) of the Limits Number of Shade

If the square footage of the limits of disturbance is more than 40,000, then the number of shade trees required must be calculated using the following formula:

EXEMPTION CATEGORIES:

ecessary permits;

erning safety of dams;

(Number of Square Feet in Limits of Disturbance $\div 40,000$) × 15

Total Disturbed Area 53,191 square feet

Shade Trees Proposed to be Planted

\$ \$5,000

tenance has obtained all required permits; 55-5(h) any stream restoration project if the

55-5(i) cutting or clearing any tree to comply with

applicable provisions of any federal, state, or local lav

OTHER: Specify per Section 55-5 of the Code.

person performing the work has obtained all

Trees Required

pplicable exemption category below.

Total Property Area

Shade Trees Required

20

Fee in Lieu

(Trees Required - Trees Planted) x \$250

of Disturbance

6.001

12,001

55-5(a) any activity that is subject to Article II of

arvesting operation with an approved exemption from

55-5(f) any activity conducted by the County Park

55-5(g) routine or emergency maintenance of an

existing stormwater management facility, including an existing access road, if the person performing the

55-5(b) any commercial logging or timber

Article II of Chapter 22A;

8,000

12,000

14,001 40,000

14,000

ROW square feet

TITLE SHEET

MD 198 (SANDY SPRING ROAD) FROM DINO DRIVE TO MCKNEW ROAD SIDEWALK IMPROVEMENTS

THEREBY 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. 35321 EXPIRATION DATE JANUARY 6, 2026

CONCEPT

LOTTED: Wednesday, July 24, 2024 AT 02:06 PM ILE: \stvgroup.stvinc.com\v3\DGPA\Vol3\Projects\4022532\4022532_0001\90_CAD Models and Sheets\04_CT_Transportation\pGN-T001_MD198SidewalkImprovements.dgn

TREATMENT STANDARDS AND DOES NOT CREATE OR IMPLY ANY RIGHT TO DIVERT OR CONCENTRATE RUNOFF ONTO ANY ADJACENT PROPERTY WITHOUT THAT PROPERTY OWNER'S PERMISSION. IT DOES NOT RELIEVE THE DESIGN ENGINEER OR OTHER RESPONSIBLE PERSON F PROFESSIONAL LIABILITY OR ETHICAL RESPONSIBILITY FOR THE ADEQUACY OF THE DRAINAGE DESIGN AS IT AFFECTS UPHILL OR

Printed Name

GAITHERSBURG, MARYLAND Recommended for Approval:

Chief, Transportation Planning and Design Section

Chief, Division of Transportation Engineering Date Designed By JG Drawn By JG Checked By MCG

ABBREVIATIONS

SHEET NO.

4ASHIO	American Association of State Highway		Headwall		VRight of Way
	Transportation Officials	HERCP	Horizontal Ellipitical Reinforced	RCP	Reinforced Concrete Pipe
\DT	Average Daily Traffic		Concrete Pipe	RCPP	Reinforced Concrete Pressure Pip
\HD	Ahead	HP	High Point	R.Q.D	Rock Quality Designation
APPROX	Approximate	IN	Inch	R.M	Rootmat
BorB⁄L	Baseline	I.S.T	Inlet Sediment Trap	S	South
3K	Back /Book	INV	Invert	SAN	Sanitary Sewer
3IT	Bituminous	J.B	Junction Box	SB or S/B	Southbound
3.C	Bituminous Concrete	K	K Inlet	S.D	Storm Drain
3.M	Bench Mark	L	Length	S.D.D	Surface Drain Ditch
30T	Bottom	LF	Linear Feet	S⁄E	Super Elevation
D.C	Center of Curve	L.L	Liquid Limit	SF	Silt Fence
CAP	Corrugated Aluminum Pipe	LP	Low Point	SF	Square Feet
CAPA	Corrugated Aluminum Pipe Arch	L.P	Light Pole	SHT	Sheet
CATV	Cable Television	LT	Left	SPP	Structural Steel Plate Pipe
C.B.R	California Bearing Ratio	MAC	Macadam	SPPA	Structural Steel Plate Pipe Arch
⊋ or C/L	Centerline	M.C	Moisture Content	S.P.T	Standard Penetration Testing
OL	Class	MAX	Maximum	SRP	Steel Spiral Rib Pipe -
CLF	Chainlink Fence	M.D.D	Maximum Dry Content		Aluminized Type 2
CMP	Corrugated Metal Pipe	MOD,	Modified	SRPA	Steel Spiral Rib Pipe Arch -
C.O	Cleanout	MIN	Minimum		Aluminized Type 2
COMB	Combination	N	North	SSD	Stopping Sight Distance
CONC	Concrete	NB	Northbound	SSF	Super Silt Fence
CONSTR	Construction	NE	Northeast	STD	Standard
COR	Corner	N.P	Non–Plastic	STA	Station
CORR	Correction	O.C	On Center	SO	Single Opening
CPP-S	Corrugated Polyethylene Pipe - Type 'S'	OHE	Overhead Electric		Square Yards
	Corrugated Steel Pipe - Aluminized Type 2	O.M	Optimum Moisture		Stormwater Management
	Corrugated Steel Pipe Arch -	PAV' T	Pavement		Tangent
	Aluminized Type 2	PC	Point of Curvature		Telephone
DC	Degree of Curve		Point of Compound Curvature		Top of Cover
	Design Hourly Volume		Point of Crown		Top of Grate
	Drop Inlet		Profile Grade Elevation		Traverse Line
	Diameter		Profile Ground Elevation		Top of Manhole
	Double Opening		Profile Grade Line		Traverse
=			Profile Ground Line		Temporary Swale
= = =			Point of Rotation		Top of Slab
	External Distance		Plasticity Index	T.S	
ΞA			Point of Intersection	TYP	•
	Eastbound		Point On Curve		Under Drain
=_			Point On Tangent		Underground
	End Section		Polyvinyl Chloride Profile Wall Pipe		Utility Pole
EX or EXIST			Proposed		United States Department
=7.	_		Point of Reverse Curve		of Agriculture
 - or FL			Point	VCl	Vertical Clearance
	Flat Bottom Ditch		Point of Tangency		Vertical Curve Length
	Fire Hydrant		Point of Vertical Curve		Water
-WD			Polyvinyl Chloride	W	
чи. <u></u> Э			Point of Vertical Intersection		Westbound
	Gas Valve		Point of Vertical Reverse Curve		Wetland Buffer
	das valve Handbox		Point of Vertical Tangency		Water Meter
	Handbox High Density Polyetheylene	R			Wrapped Steel
IUI L	TIIGH Density Folyetheylene		Rock Fragments		Waters of the United States
		H	ROCK Fradmente		Watere of the Linited States

CONVENTIONAL SIGNS (SAMPLES)

PROPOSED MEDIAN BARRIER	11.0
ELECTRICAL HAND BOX - SIGNALS	
FLOW LINE	→ •
STATE, COUNTY OR CITY LINES	
PROPOSED TRAFFIC BARRIER	, , , , ,
EXISTING TRAFFIC BARRIER	
PROPOSED FENCE LINE	XX
EXISTING FENCE LINE	XX
RIGHT OF WAY LINE	
EXISTING ROADWAY	
RAILROAD	
BASE LINE OR SURVEY LINE	3) +50 32
FIRE HYDRANT	F.H.
HISTORIC BOUNDARY	—— н —
WATERS OF THE U.S	<i></i>
WETLAND BOUNDARY	- • • • •

PROPOSED PIPE / CULVERTEXISTING PIPE / CULVERTEXISTING DROP INLETUTILITY POLE	====1
WETLAND	<u> </u>
WETLAND BUFFER	— в —
WATERS OF THE U.S	√ WUS ~
HEDGE /TREE LINE BUSH /TREE	\bigcirc
GROUND ELEVATION	DATUM LINE -
GRADE ELEVATION	DATUM LINE 2005

		STANDARD SYMBO	DLS		
100-YEAR FLOODPLAIN		MEDIAN INLET PROTECTION	[MIP	STONE CHECK DAM	CD
AT-GRADE INLET PROTECTION	AGIP	MEDIAN SUMP INLET PROTECTION	MSIP	STONE/RIPRAP OUTLET SEDIMENT TRAP ST II	ST-II
BAFFLE BOARDS		MOUNTABLE BERM	MB	SUBSURFACE DRAINS	├─ - SSD ── ─
BENCHING	BENCHING	PERIMETER DIKE/SWALE	€ ^{PDS-I} €	SUMP PIT	⊠SP
CATCH BASIN INSERT	[]сві	PERMANENT SOIL STABILIZATION MATTING-TYPE B	BBBB	SUPER SILT FENCE	⊢—SSF——I
CHESAPEAKE BAY CRITICAL AREA	—— CBCA ———	PERMANENT SOIL STABILIZATION MATTING-TYPE C		TEMPORARY ACCESS BRIDGE	ТВ
CLEAR WATER DIVERSION PIPE REFERS TO CLEAR WATER DIVERSION WITH 12 INCH PIPE.	CWD - 12	PIPE OUTLET SEDIMENT TRAP ST I	ST-I	TEMPORARY ACCESS CULVERT	
CLEAR WATER PIPE	⊢∏-I CWP	PIPE SLOPE DRAIN NOTE: DESIGNATION PSD-12 REFERS TO PIPE SLOPE DRAIN WITH 12 IN PIPE	PSD - 12	TEMPORARY ASPHALT BERM	TAB
COMBINATION INLET PROTECTION	COIP	PLUNGE POOL	PP	TEMPORARY BARRIER DIVERSION	TBD
CONCRETE WASHOUT STRUCTURE	CWS	PORTABLE SEDIMENT TANK	⊠PST	TEMPORARY GABION OUTLET STRUCTURE	TGOS
CURB INLET PROTECTION	[4] CIP	PROPOSED CONTOURS	 100 	TREE PRESERVATION AREA FENCE (TPAF)	—— TPF ———
DIVERSION FENCE	├── DF ───┤	REMOVABLE PUMPING STATION	⊠RPS	TEMPORARY SOIL STABILIZATION MATTING-TYPE A	A A A A A A A A A A A A A A A A A A A
DRAINAGE BOUNDARY	D <u>A</u>	RIPRAP INFLOW PROTECTION	ARP	TEMPORARY SOIL STABILIZATION MATTING-TYPE E	EEEE
NOTE: PLACE DESIGNATION EARTH DIKE (A-1, B-2, ETC.) ON FLOW CHANNEL SIDE OF DIKE.	<u> </u>	RIPRAP OUTLET SEDIMENT TRAP ST III	ST-III	TEMPORARY SOIL STABILIZATION MATTING-TYPE D	
EMERGENCY SPILLWAY	ES	ROCK OUTLET PROTECTION I	ROPI	TEMPORARY STONE OUTLET STRUCTURE	₹₹
EXISTING CONTOURS	<u> </u>	ROCK OUTLET PROTECTION II	ROPII	TEMPORARY SWALE NOTE: PLACE DESIGNATION (A-1, B-2, ETC.) ON FLOW CHANNEL SIDE OF SWALE.	♣ -I=
FILTER BAG	⊠FB	ROCK OUTLET PROTECTION III	ROPIII	VERTICAL DRAW-DOWN DEVICE	VDDD
FILTER BERM	FB-A FB-B	SILT FENCE	⊢——SF——I	WASH RACK OPTION	[WR]
FILTER LOG REFERS TO FILTER LOG WITH 18 INCH DIAMETER.	FL-18	SILT FENCE ON PAVEMENT	⊢—SF0P——I	WETLAND	• • • • • •
GABION INFLOW PROTECTION	GP	SOD	* * * * * * * * * * * * * * * * * * * *	WETLAND BUFFER	— в —
GABION INLET PROTECTION	□□□GIP	STABILIZED CONSTRUCTION ENTRANCE (SCE)	SCE SCE		
HORIZONTAL DRAW-DOWN DEVICE	HDDD	STANDARD INLET PROTECTION	[SIP		
LIMIT OF DISTURBANCE	LOD	STOCKPILE AREA			

GN-01

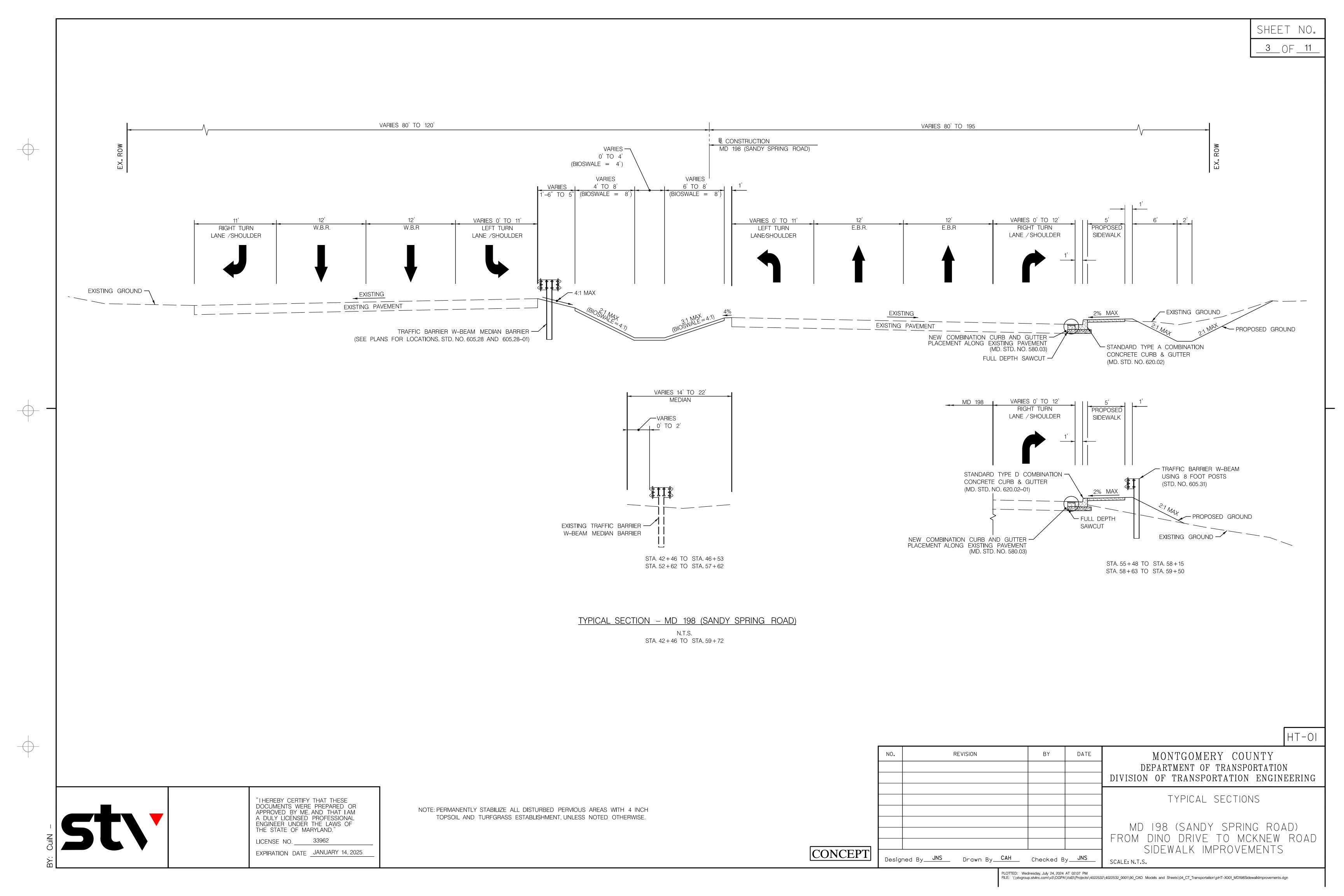
REVISION MONTGOMERY COUNTY BY DATE DEPARTMENT OF TRANSPORTATION DIVISION OF TRANSPORTATION ENGINEERING ABBREVIATIONS, CONVENTIONAL SIGNS, & STANDARD SYMBOLS MD 198 (SANDY SPRING ROAD) FROM DINO DRIVE TO MCKNEW ROAD SIDEWALK IMPROVEMENTS Designed By JNS Drawn By CAH Checked By JNS

"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. 33962 EXPIRATION DATE JANUARY 14, 2025

CONCEPT

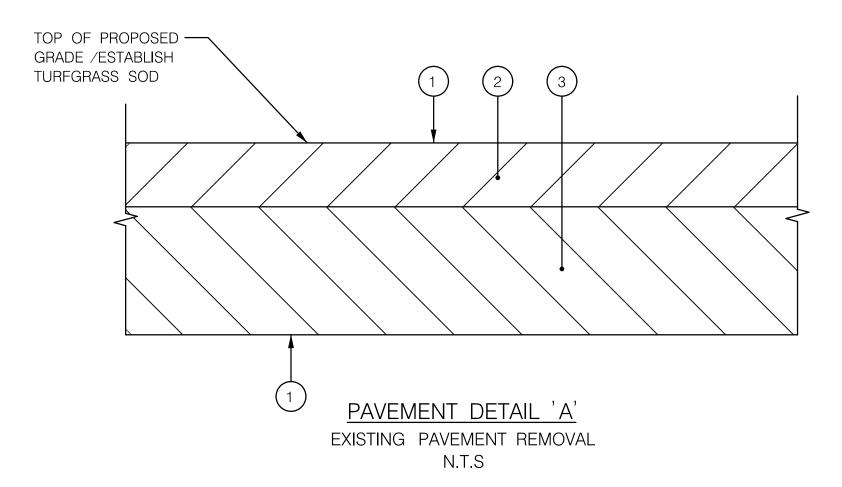
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SCALE: AS SHOWN



SHEET NO.

4 OF 11



PAVEMENT LEGEND

- 1 TURFGRASS SOD
- 2 4 INCH FURNISHED TOPSOIL
- 3 VARIABLE DEPTH COMMON BORROW

St.

"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. 33962

EXPIRATION DATE JANUARY 14, 2025

NO.	REVISION	ВҮ	DATE	MONTGOMERY COUNTY
				DEPARTMENT OF TRANSPORTATION
				DIVISION OF TRANSPORTATION ENGINEERING

MISCELLANEOUS DETAILS

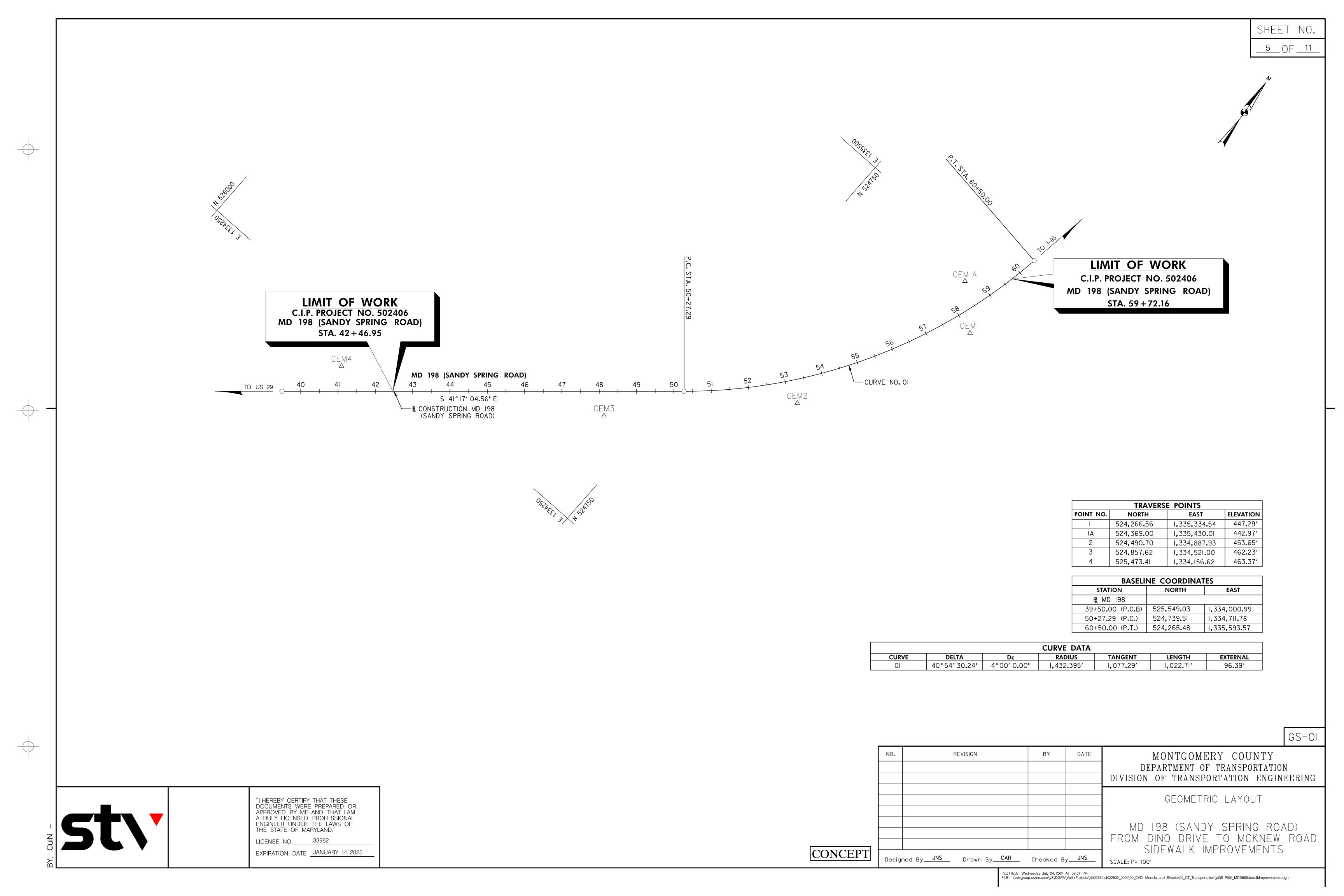
DE-01

MD 198 (SANDY SPRING ROAD) FROM DINO DRIVE TO MCKNEW ROAD SIDEWALK IMPROVEMENTS

Designed By JNS Drawn By CAH Checked By JNS SCALE: AS SHOWN

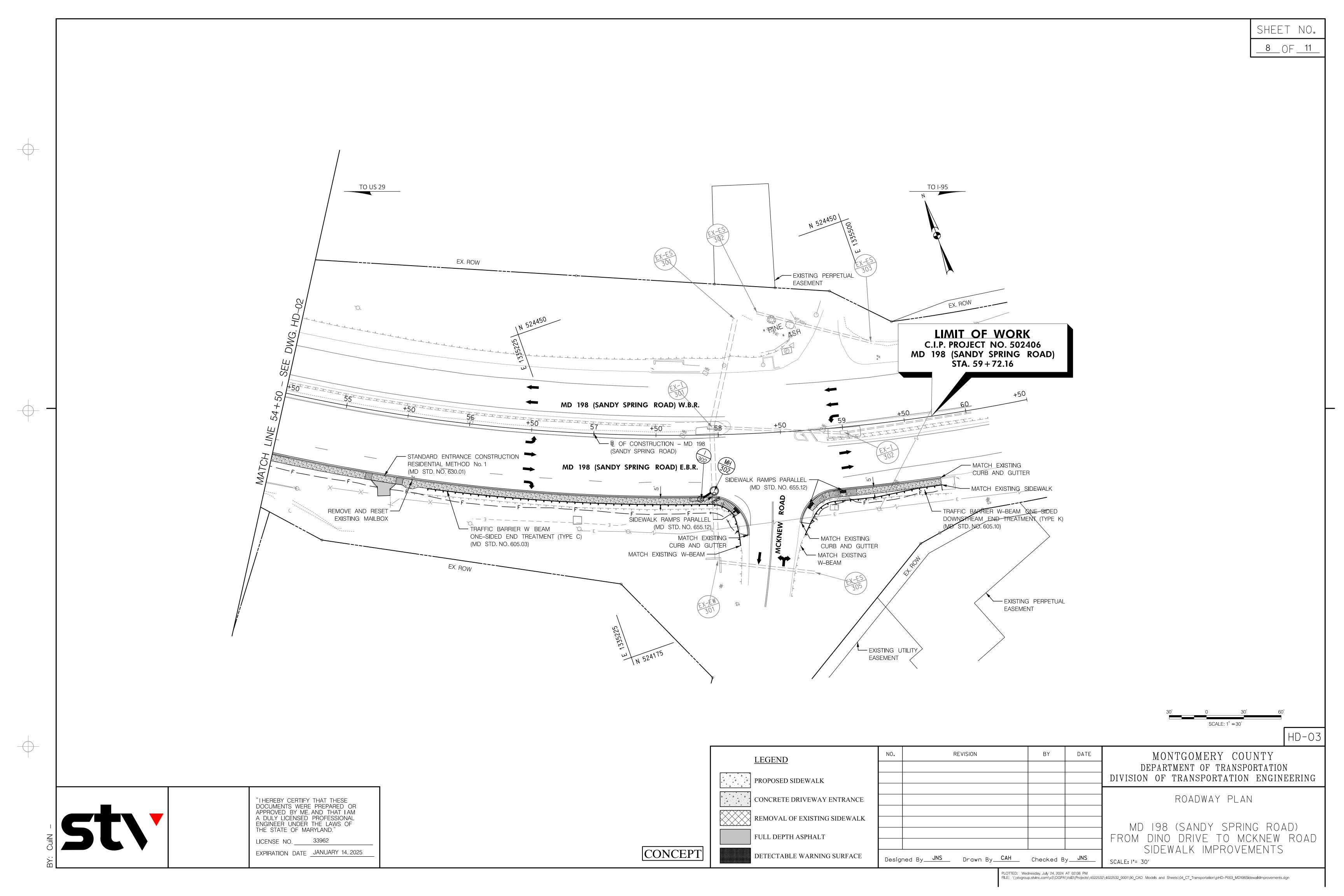
CONCEPT

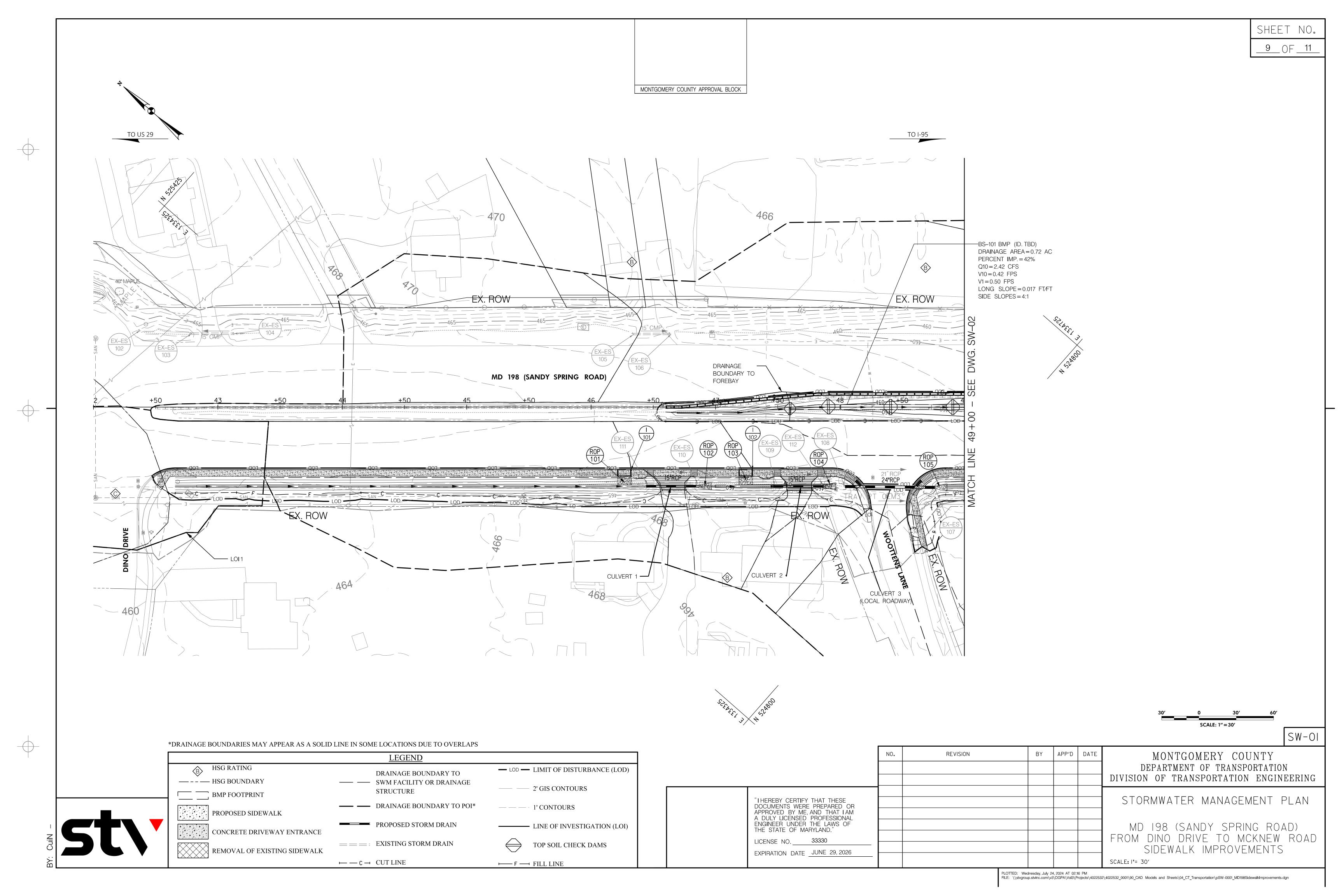
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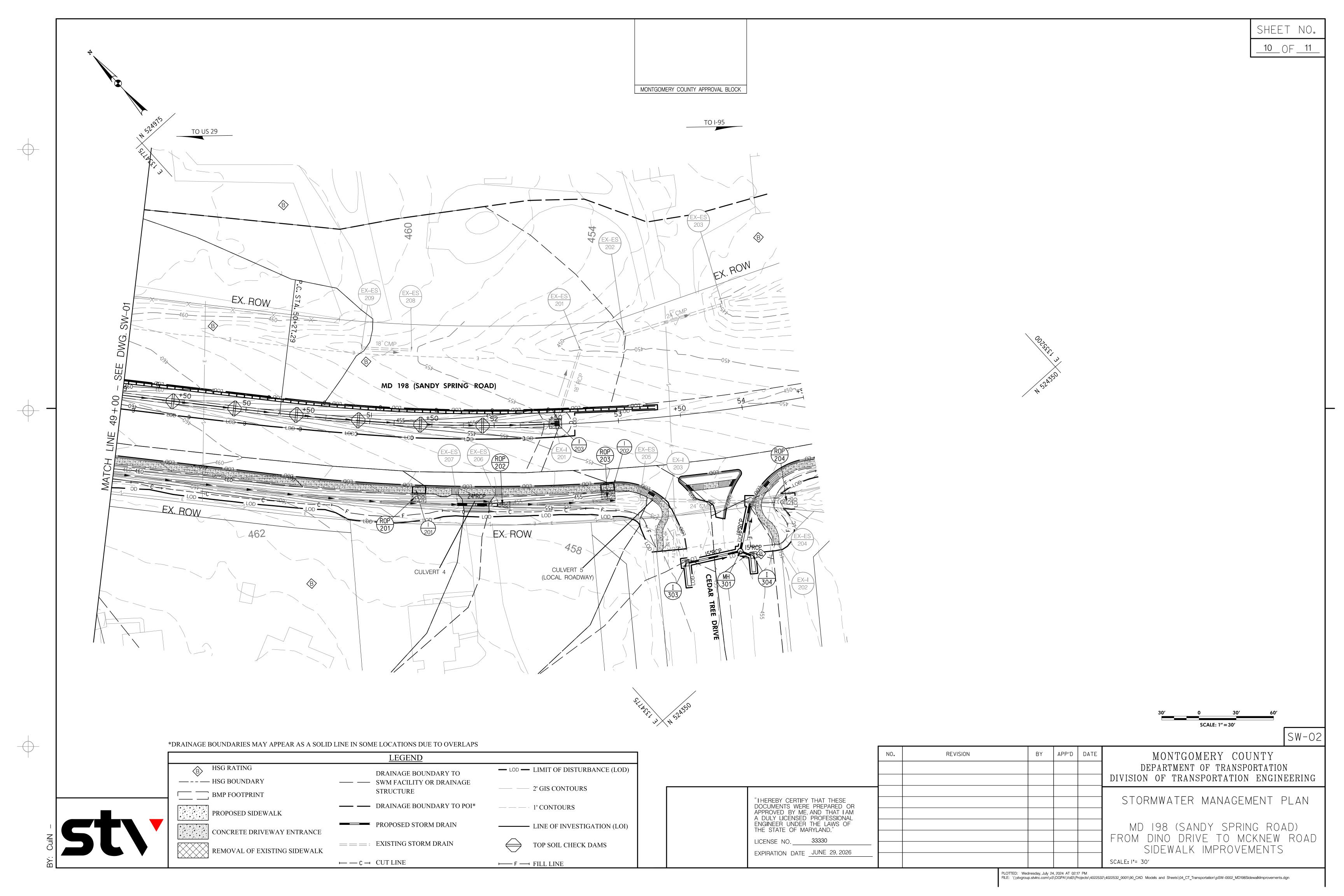


SHEET NO. <u>6</u> OF <u>11</u> TO US 29 TO I-95 EXISTING UTILITY EASEMENT EXISTING UTILITY EASEMENT — EXISTING REVERTIBLE EASEMENT EX. ROW LIMIT OF WORK **C.I.P. PROJECT NO. 502406** MD 198 (SANDY SPRING ROAD) MD 198 (SANDY SPRING ROAD) W.B.R. STA. 42 + 46.95 MATCH EXISTING TRAFFIC BARRIEF ■ B OF CONSTRUCTION - MD 198 (SANDY SPRING ROAD) SIDEWALK RAMPS PARALLEL (MD STD. NO. 655.12) MD 198 (SANDY SPRING ROAD) E.B.R. MATCH EXISTING — CUBB & GUTTER MATCH EXISTING SIDEWALK EX. ROW EX. ROW EXISTING REVERTIBLE EASEMENT -REMOVE AND RESET ---MATCH EXISTING -REMOVE AND RESET EXISTING MAILBOX — EXISTING MAILBOX CURB & GUTTER STANDARD ENTRANCE CONSTRUCTION -CURB & GUITER RESIDENTIAL METHOD No. 1 (MD STD. NO. 630.01) матсн — EXISTING SIDEWALK EXISTING PERPETUAL EASEMENT SCALE: 1" = 30' HD-01 NO. REVISION BY DATE MONTGOMERY COUNTY **LEGEND** DEPARTMENT OF TRANSPORTATION DIVISION OF TRANSPORTATION ENGINEERING PROPOSED SIDEWALK ROADWAY PLAN "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." CONCRETE DRIVEWAY ENTRANCE REMOVAL OF EXISTING SIDEWALK MD 198 (SANDY SPRING ROAD) FULL DEPTH ASPHALT FROM DINO DRIVE TO MCKNEW ROAD LICENSE NO. 33962 SIDEWALK IMPROVEMENTS CONCEPT EXPIRATION DATE JANUARY 14, 2025 DETECTABLE WARNING SURFACE Designed By JNS Drawn By CAH Checked By JNS SCALE: I"= 30' PLOTTED: Wednesday, July 24, 2024 AT 02:08 PM FILE: \stvgroup.stvinc.com\v3\DGPA\Vol3\Projects\4022532\4022532_0001\90_CAD Models and Sheets\04_CT_Transportation\pHD=P001_MD198SidewalkImprovements.dgn

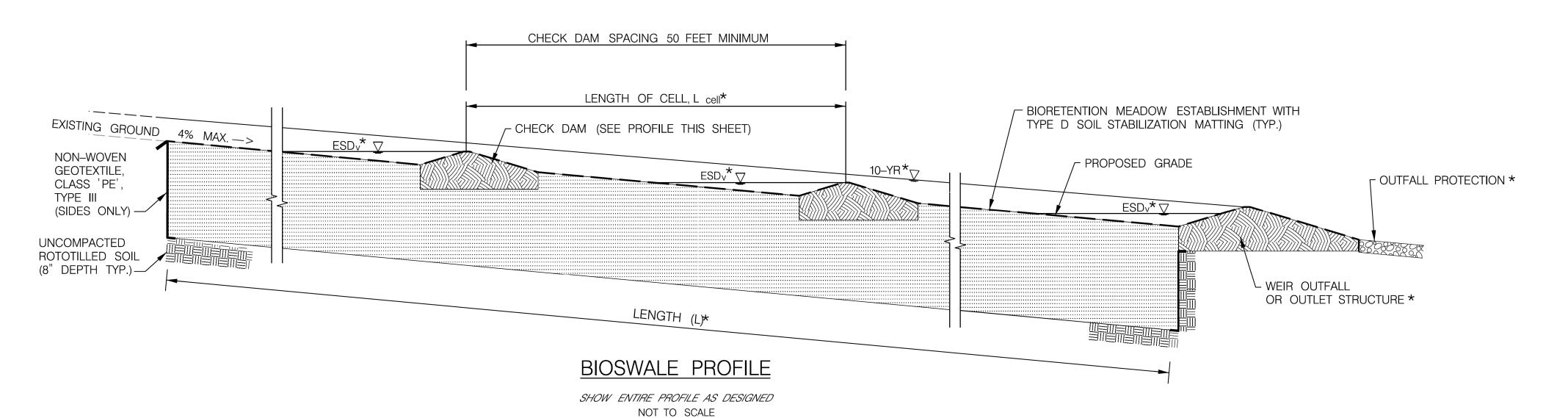
SHEET NO. _7_OF_<u>11</u> TO US 29 TO I-95 MD 198 (SANDY SPRING ROAD) W.B.R. --- MATCH EXISTING TRAFFIC BARRIER W-BEAM MEDIAN BARRIER B OF CONSTRUCTION - MD 198 MD 198 (SANDY SPRING ROAD) E.B.R. (SANDY SPRING ROAD) SIDEWALK RAMPS PARALLEL — (MD STD. NO. 655.12) STANDARD ENTRANCE CONSTRUCTION — RESIDENTIAL METHOD No. 1 (MD STD. NO. 630.01) SIDEWALK RAMPS PARALLEL (MD STD. NO. 655.12) EX. ROW MATCH EXISTING CURB AND GUTTER EXISTING PERPETUAL EASEMENT -EXISTING MAILBOX **EXISTING** MATCH EXISTING SIDEWALK -SIDEWALK SCALE: 1" = 30' HD-02 MONTGOMERY COUNTY NO. REVISION BY DATE **LEGEND** DEPARTMENT OF TRANSPORTATION DIVISION OF TRANSPORTATION ENGINEERING PROPOSED SIDEWALK ROADWAY PLAN "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." CONCRETE DRIVEWAY ENTRANCE REMOVAL OF EXISTING SIDEWALK MD 198 (SANDY SPRING ROAD) FROM DINO DRIVE TO MCKNEW ROAD FULL DEPTH ASPHALT LICENSE NO. 33962 SIDEWALK IMPROVEMENTS EXPIRATION DATE JANUARY 14, 2025 CONCEPT DETECTABLE WARNING SURFACE Designed By JNS Drawn By CAH Checked By JNS SCALE: I"= 30' PLOTTED: Wednesday, July 24, 2024 AT 02:08 PM FILE: \stvgroup.stvinc.com\v3\DGPA\Vol3\Projects\4022532\4022532_0001\90_CAD Models and Sheets\04_CT_Transportation\pHD=P002_MD198SidewalkImprovements.dgn







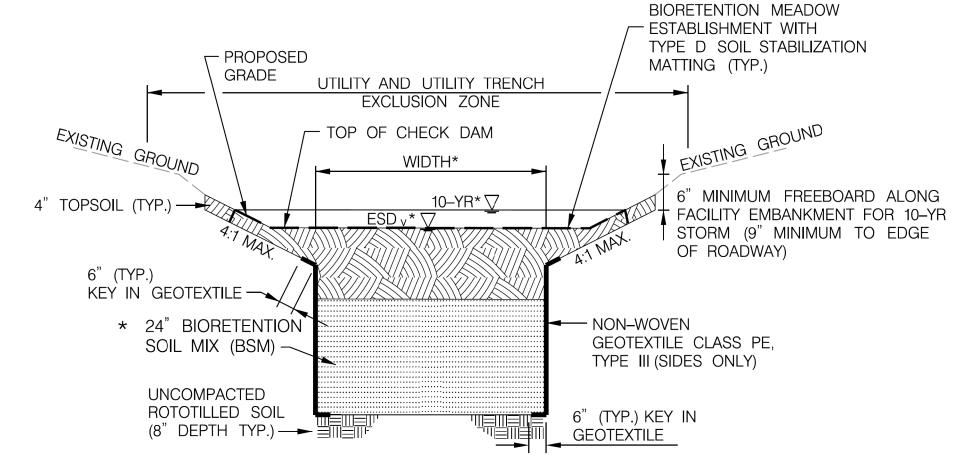
MONTGOMERY COUNTY APPROVAL BLOCK



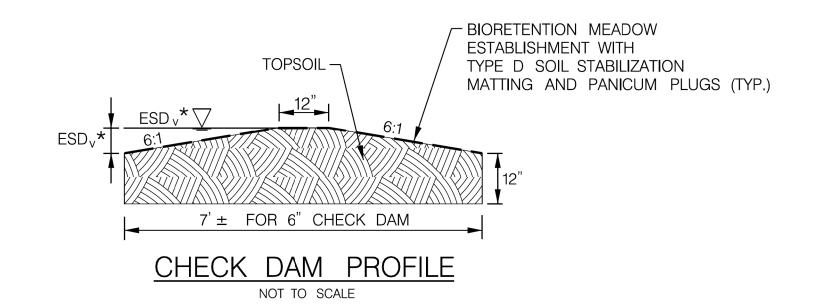
- BIORETENTION MEADOW ESTABLISHMENT WITH TYPE D SOIL STABILIZATION MATTING (TYP.) PROPOSED GRADE — UTILITY AND UTILITY TRENCH EXCLUSION ZONE EXISTING GROUND 2' (MIN.) TO 8' (MAX.)* 6" MINIMUM FREEBOARD ALONG 4" TOPSOIL─► FACILITY EMBANKMENT FOR 10-YR STORM (9" MINIMUM TO EDGE OF ROADWAY) 6" (TYP.) KEY IN GEOTEXTILE NON-WOVEN 24" BIORETENTION GEOTEXTILE CLASS PE, * SOIL MIX (BSM) — TYPE III (SIDES ONLY) UNCOMPACTED ROTOTILLED SOIL 6" (TYP.) KEY IN GEÒTEXTILE

BIOSWALE TYPICAL SECTION

NOT TO SCALE



BIOSWALE TYPICAL SECTION AT CHECK DAM



NOTE: PROJECT SPECIFIC PROFILES AND TYPICAL SECTIONS WILL BE DEVELOPED ONCE THE PROJECT REACHES THE SITE DEVELOPMENT PHASE.

MONTGOMERY COUNTY EPARTMENT OF TRANSPORTATION

SW-03

		DEPARTMENT OF TRANSPORTATION DIVISION OF TRANSPORTATION ENGINEERING
"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. 33330 EXPIRATION DATE JUNE 29, 2026		STORMWATER MANAGEMENT DETAILS MD 198 (SANDY SPRING ROAD) FROM DINO DRIVE TO MCKNEW ROAD SIDEWALK IMPROVEMENTS SCALE: AS SHOWN

REVISION



DATE

APP'D

BY