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MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION

TUCKERMAN LANE SIDEWALK/BIKEWAY
PROJECT-SEGMENT 1
FALLS ROAD (MD 189) TO SNAKEDEN BRANCH

RELATED REQUIRED PERMITS					
To be completed by the consultant and placed on the first sheet of the Sediment Control / Stormwater Management plan set for all projects.					
IT IS THE RESPONSIBILITY OF PERMITTEE / OWNER OF THIS SITE TO OBTAIN ALL REQUIRED PERMITS PRIOR TO ISSUANCE OF THE APPROVED SEDIMENT CONTROL PERMIT					
TYPE OF PERMIT	REQD	NOT REQD	PERMIT #	EXPIRATION DATE	WORK RESTRICTION DATES
MCDPS Floodplain District					
WATERWAYS / WETLAND(S):					
a. Corps of Engineers	✓				
b. MDE	✓				
c. MDE Water Quality Certification	✓				
MDE Dam Safety					
* DPS Roadside Trees Protection Plan	✓			Approval Date	
N.P.D.E.S. NOTICE OF INTENT	✓				DATE FILED
FEMA LOMR (Required Post Construction)					
OTHERS (Please List):					

* A copy of the approved Roadside Trees Protection Plan must be delivered to the sediment control inspector at the preconstruction meeting.

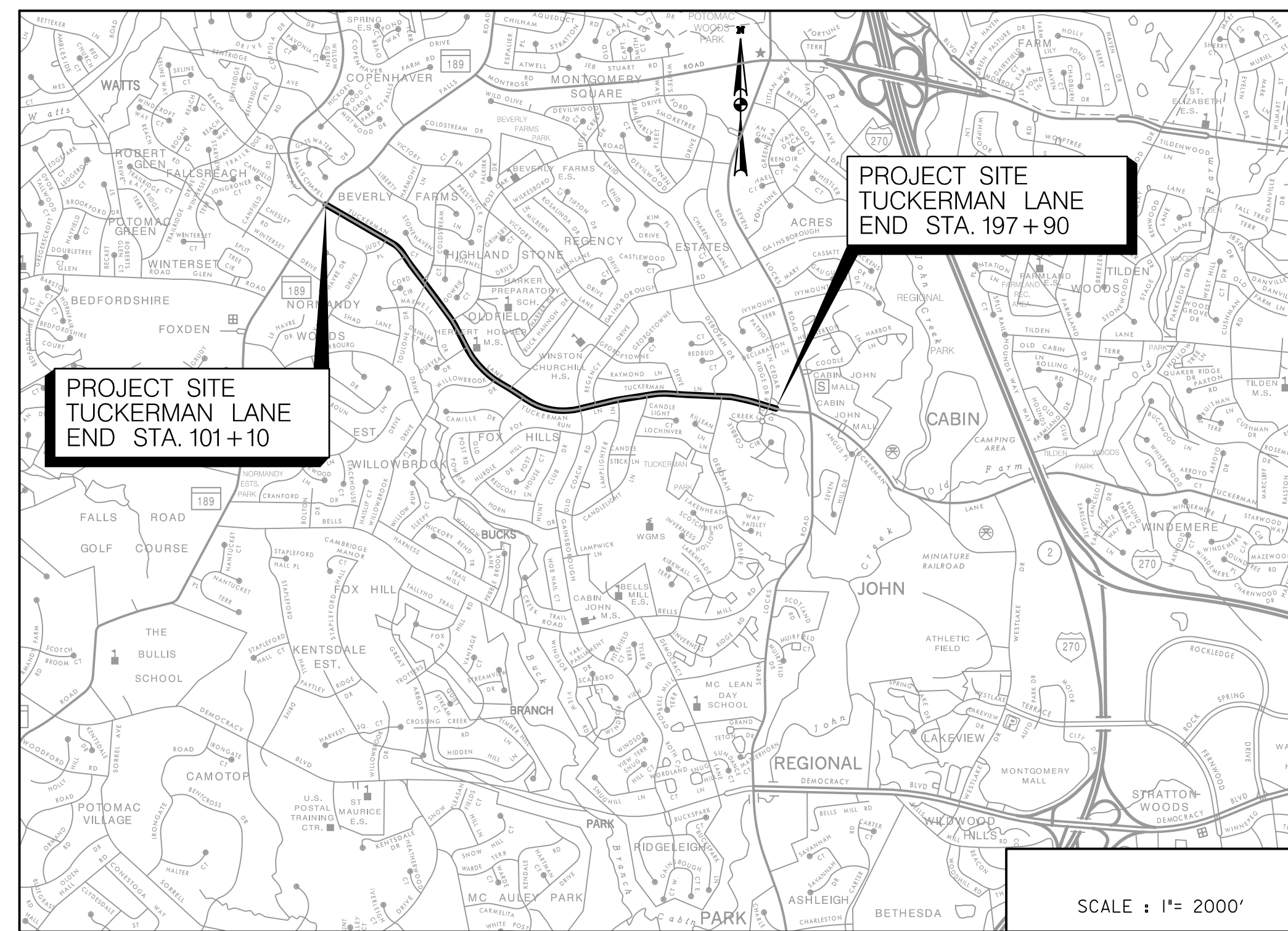
GENERAL NOTES

- 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 SELECTED BACKFILL 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. RPM'S MAY DAMAGE MILLING HEADS, IF NOT REMOVED.
- 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 WITH CONSTRUCTION.
- CALL "MISS UTILITY" AT 1-800-257-7777, FORTY-EIGHT (48) HOURS PRIOR TO BEGINNING EXCAVATION TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES.
- THE CONTRACTOR IS ADVISED THAT THERE IS A 15 TON WEIGHT LIMIT ON ALL CONSTRUCTION EQUIPMENT WORKING ON MACARTHUR BOULEVARD, EXCEPT AT THE HEAVY DUTY CROSSINGS INDICATED ON THE PLANS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A LIST OF EQUIPMENT (TYPE, GROSS WEIGHT, AND REGISTRATION) IT PLANS TO UTILIZE DURING CONSTRUCTION TO WASHINGTON AQUEDUCT FOR A BLANKET APPROVAL. ALL EQUIPMENT SHALL OPERATE IN NON-VIBRATORY MODE WHEN IN CLOSE PROXIMITY TO THE EXISTING AQUEDUCTS.
- ALL GRADING SHALL BE DONE IN SUCH A MANNER AS TO PROVIDE POSITIVE DRAINAGE.
- THE CONTRACTOR SHALL HAND DIG AND LOCATE THE EXISTING AQUEDUCT PRIOR TO EXCAVATION FOR ALL STRUCTURES THAT ARE TO BE INSTALLED WITHIN 2 FEET OF THE EXISTING AQUEDUCTS (e.g. STORM CULVERTS, GUARDRAIL POSTS, HANDRAIL POSTS, ETC.).
- ALL DISTURBED AREAS TO BE SEEDED AND MULCHED UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL OBTAIN A ROADSIDE TREE PERMIT FOR ANY MAINTENANCE, TREATMENT, PLANTING, REMOVAL, OR ROOT CUTTING ON TREES WITHIN THE PUBLIC RIGHT OF WAY. PERMIT REQUIREMENTS MAY BE OBTAINED FROM THE DEPARTMENT OF NATURAL RESOURCES, MARYLAND FOREST, PARK AND WILDLIFE SERVICE, TELEPHONE 301-854-6060
- HORIZONTAL DATUM: NAD 83/91 VERTICAL DATUM: NAVD 88

MISS UTILITY

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.

C. I. P. PROJECT NO. 509337



PROJECT LENGTH = 1.70 MILES

**MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
MAINTENANCE CERTIFICATION**

I HEREBY CERTIFY THAT THE DEPARTMENT OF TRANSPORTATION WILL ASSUME MAINTENANCE RESPONSIBILITIES FOR ALL STORMWATER MANAGEMENT FACILITIES AS LISTED AND SHOWN, HEREON, IN ACCORDANCE WITH THE "MEMORANDUM OF UNDERSTANDING" BETWEEN THIS DEPARTMENT AND THE DEPARTMENT OF ENVIRONMENTAL PROTECTION DATED SEPTEMBER 1, 1986. IF, FOR ANY REASON, FUTURE IMPROVEMENTS TO THE ROADWAY ARE PLANNED THAT WOULD IMPACT ANY OF THE STORMWATER MANAGEMENT FACILITIES INCLUDED HEREIN, THIS DEPARTMENT WILL NOTIFY THE DEPARTMENT OF THE ENVIRONMENTAL PROTECTION DURING PLANNING OR EARLY DESIGN STAGE FOR SUCH IMPROVEMENTS.

DATE

TIM CUPPLES, P.E.
CHIEF, DIVISION OF
TRANSPORTATION ENGINEERING

35% SUBMITTAL

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. 31487, EXPIRATION DATE: 03/18/2023

MARK J. BODMANN, P.E. DATE

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION 100 EDISON PARK DRIVE, 4TH FLOOR GAITHERSBURG, MD 20878	
RECOMMENDED FOR APPROVAL	
Chief, Design Section	Date
APPROVED	
Chief, Division of Engineering Services	Date
Designed by :	Checked by :
Drawn by :	

**TITLE SHEET
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT-SEGMENT 1**

Project No. : C.I.P. PR. # 509337 SHEET 01 of 175

<p>WALLACE MONTGOMERY ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS 10150 York Road, Suite 200 Hunt Valley, Maryland 21030 410.494.9093 Toll/410.967.0925 Fax www.WallaceMontgomery.com</p>	<p>MCDOT Montgomery County Department of Transportation 100 EDISON PARK DR., 4TH FLOOR GAITHERSBURG, MD 20878 242-777-7224</p>
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* NOT IN THIS SUBMITTAL

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BY: sabbasgholipour



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.
MARK J. BODMAN MD NO-31487 EXP-03/18/2023

SEAL
DATE: 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by : S.A.T. Drawn by : S.A.T. Checked by : M.J.B.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET INDX-01
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TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1**

SCALE : N.T.S. 10/2021

Project No. : C.I.P. PR. # 509337 SHEET 02 of 175

GENERAL NOTES

- THE SPECIFICATIONS FOR THIS CONTRACT WILL BE THOSE OF THE MARYLAND STATE HIGHWAY ADMINISTRATION DATED JULY 2019, ALL ERRATA AND ADDENDA THERETO, THE MARYLAND STATE HIGHWAY ADMINISTRATION BOOK OF STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES, WASHINGTON SUBURBAN SANITARY COMMISSION (W.S.S.C.) STANDARDS, MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION STANDARDS, AND SOIL CONSERVATION SERVICE POND CONSTRUCTION SPECIFICATIONS FOR MARYLAND.
- FOR CONSTRUCTION, ALL HORIZONTAL CONTROL SHALL BE STATE HIGHWAY ADMINISTRATION NAD 83/91 AND VERTICAL CONTROL NAVD 88.
- INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION 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 ON THIS PLAN OR SIX (6) INCHES, WHICHEVER IS LESS, THE CONTRACTOR SHALL CONTACT THE MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION'S PROJECT INSPECTOR AND THE UTILITY OWNER BEFORE PROCEEDING WITH CONSTRUCTION.
- 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 UNDERGROUND 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 THE REQUIREMENTS OF CHAPTER 36A OF THE MONTGOMERY COUNTY CODE. REPAIRS TO UTILITIES OR PROPERTY DAMAGED AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE OR METHOD OF OPERATION, MUST BE MADE AT THE CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COST TO MONTGOMERY COUNTY BEFORE PROCEEDING WITH CONSTRUCTION.
- GRADING SHALL BE DONE IN SUCH A MANNER AS TO PROVIDE POSITIVE DRAINAGE IN BOTH TEMPORARY AND PERMANENT CONDITIONS.
- DISTURBED AREAS ADJACENT TO ESTABLISHED LAWNS SHALL BE SODDED. OTHER DISTURBED AREAS SHALL BE SEEDED AND MULCHED.
- CLEARING TO BE LIMITED TO THE "LIMIT OF DISTURBANCE" AS SHOWN ON THE PLANS.
- CONTACT THE WASHINGTON SUBURBAN SANITARY COMMISSION SYSTEM MAINTENANCE ENGINEER BEFORE EXCAVATING BENEATH OR IN THE VICINITY OF EXISTING WATER OR SEWER LINES. BACKFILL TO BE DONE UNDER THE SUPERVISION OF W.S.S.C., CALL (301) 699-4420
- ALL STORM DRAINS SHALL BE INSTALLED WITH CLASS "C" BEDDING UNLESS OTHERWISE NOTED.
- ALL UTILITY POLES NOTED FOR RELOCATION SHALL BE PERFORMED BY OTHERS.
- THE CONTRACTOR SHALL OBTAIN A ROADSIDE TREE PERMIT FOR ANY MAINTENANCE, TREATMENT, PLANTING, REMOVAL OR ROOT CUTTING ON TREES WITHIN THE PUBLIC RIGHT-OF-WAY BEFORE STARTING A JOB. PERMIT REQUIREMENTS MAY BE OBTAINED FROM THE DEPARTMENT OF NATURAL RESOURCES - MARYLAND FOREST, PARK AND WILDLIFE SERVICE WHOSE TELEPHONE NUMBER IS (301) 854-6060. THE PERMIT PROCESS TAKES SEVERAL DAYS. TAKE THIS INTO CONSIDERATION BEFORE STARTING A JOB.
- THE LOCATION OF RIGHT-OF-WAY AND EASEMENT LINES SHOWN ON THE PLANS ARE FOR INFORMATION AND GUIDANCE ONLY. NO GUARANTEE IS MADE AS TO THE ACCURACY OF SAID LOCATIONS. PLEASE REFER TO THE APPROPRIATE RIGHT-OF-WAY PLAT FILES NO. 776 TO 781.
- CONCRETE DESIGN: SERVICE LOAD DESIGN METHOD.
- REINFORCING STEEL DESIGN: (f_s=24,000 PSI)
- ALL CONCRETE SHALL BE MIX NO. 2 f'c=3000 psi UNLESS OTHERWISE NOTED.
- REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60. ALL SPLICES, NOT SHOWN, SHALL BE LAPPED AS PER ACI 318 REQUIREMENTS. MINIMUM COVER FOR ANY BAR SHALL BE 2" UNLESS OTHERWISE NOTED.
- WHEN THE DROP OF THE MAIN LINE THROUGH A STRUCTURE IS GREATER THAN THAT WHICH CAN BE ACCOMMODATED BY A SHAPED CHANNEL WITH THE INVERT ON A 1.5 FOOT HORIZONTAL TO 1 FOOT VERTICAL SLOPE, THE BOTTOM OF THE STRUCTURE SHALL BE LINED WITH GRANITE BLOCKS AT LEAST 4 INCHES THICK. NO SHAPED CHANNEL WILL BE REQUIRED FOR THIS TYPE OF CONSTRUCTION, BUT THE BOTTOM OF THE STRUCTURE SHALL SLOPE AT LEAST 1/2 INCH PER FOOT TOWARD THE INVERT OF THE OUTLET PIPE.
- FOR ADDITIONAL NOTES ON DRAINAGE STRUCTURES AND RETAINING WALLS SEE NOTES ELSEWHERE IN PLANS.
- WHERE CURB AND GUTTER ENDS ARE EXPOSED, PROVIDE A NOSE DOWN SECTION AT 3:1 SLOPE.
- DISTURBED AREAS TO BE PERMANENTLY GRASS SHALL RECEIVE 2" OF TOPSOIL.
- STORM DRAIN AND UTILITY INSTALLATION WITHIN SHA RIGHT-OF-WAY AND IN EXISTING PAVEMENT SHALL BE IN ACCORDANCE WITH MD 578.01. ALL COSTS ASSOCIATED WITH MEETING THE REQUIREMENTS OF MD 578.01 SHALL BE INCIDENTAL TO THE APPLICABLE UTILITIES AND STORM DRAIN ITEMS.
- SUBSURFACE INVESTIGATION RESULTS (TEST HOLES, SOIL BORINGS, ETC.) WILL BE MADE AVAILABLE TO THE CONTRACTOR.
- PROPOSED INLETS AND ASSOCIATED PIPE EXTENSIONS SHALL BE CONNECTED TO THE NEAREST SOUND JOINT OF THE EXISTING PIPE AND IN COMPLIANCE WITH THE CONCRETE COLLAR CONNECTION DETAIL SHOWN ON THE STORM DRAIN SCHEDULE SHEET. PIPE CONNECTIONS WHETHER NEW PIPES TO EXISTING PIPES, NEW INLETS TO EXISTING PIPES, OR NEW PIPES TO EXISTING INLETS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCIDENTAL TO PERTINENT STORM DRAIN ITEMS.
- NOTIFY MR. TONY GOODMAN (703) 750-4708 OF WASHINGTON GAS, FOR STAND BY, 48 HOURS PRIOR TO ANY EXCAVATION IN THE VICINITY OF NATURAL GAS TRANSMISSION LINES.
- ANY RELOCATION OF EXISTING NATURAL GAS TRANSMISSION LINES MAY ONLY BE ABLE TO BE PERFORMED DURING THE NON-HEATING SEASON, MAY THROUGH SEPTEMBER.

EXPLANATORY NOTES AND REFERENCES

SIGHT DISTANCES: STOPPING SITE DISTANCES FOR VERTICAL CREST CURVES ARE BASED ON A HEIGHT OF EYE OF 3.5' AND A HEIGHT OF OBJECT OF 2'-0".

PIPE CULVERTS: ALL PIPE LENGTHS AND LOCATIONS SHALL BE VERIFIED IN THE FIELD AND CHECKED BY THE ENGINEER BEFORE ORDERING.

INVERT ELEVATIONS: ALL INVERT ELEVATIONS HAVE BEEN CALCULATED WITH THE MOST RELIABLE DATA AVAILABLE. FIELD CHANGES WILL BE AT THE DIRECTION OF THE ENGINEER.

CONVENTIONAL SIGNS

PROPOSED MEDIAN BARRIER	
ELECTRICAL HAND BOX - SIGNALS	
EXISTING GROUND LINE	
PROPOSED TRAFFIC BARRIER	
EXISTING TRAFFIC BARRIER	
FENCE LINE	
EXISTING RIGHT OF WAY LINE	
PROPOSED RIGHT OF WAY LINE	
EASEMENT	
PROPERTY LINE	
EXISTING ROADWAY	
RAILROAD	
BASE OR SURVEY LINE	
FIRE HYDRANT	
PROPOSED CULVERT	
EXISTING CULVERT	
EXISTING DROP INLET	
UTILITY POLE	
EXISTING CURB & GUTTER	
WETLAND	
HEDGE	
WATER LINE	
SANITARY SEWER LINE	
GAS LINE	
SOIL BORING TARGET	
TEST PIT LOCATION	
EXISTING SANITARY MANHOLE	
EXISTING STORM DRAIN MANHOLE	
WATERS OF U.S. (AND ID NUMBERS)	
STORM DRAIN STRUCTURE IDENTIFICATION	

ABBREVIATIONS

ABUT	-	ABUTMENT	P/C	-	POINT OF CROWN
ACCT. NO.	-	ACCOUNT NUMBER	P.C.	-	POINT OF CURVATURE
APPROX.	-	APPROXIMATE	P.C.C.	-	POINT OF COMPOUND CURVATURE
ASPH	-	ASPHALT SURFACE	P/GE	-	PROFILE GRADE ELEVATION
BK.	-	BACK	P.G.L.	-	PROFILE GRADE LINE
BL	-	BASELINE	P/GL	-	PROFILE GROUND LINE
BLVD	-	BOULEVARD	PIE	-	PUBLIC IMPROVEMENT EASEMENT
BRG.	-	BEARING, BORING	P.I.	-	POINT OF INTERSECTION
B.R.L.	-	BUILDING RESTRICTION LINE	PROP.	-	PROPOSED
CATV	-	CABLE TV	P.S.I.	-	POUNDS PER SQUARE INCH
CL	-	CENTERLINE	P.S.F.	-	POUNDS PER SQUARE FOOT
CONC.	-	CONCRETE	P.O.B.	-	POINT OF BEGINNING
CMP	-	CORRUGATED METAL PIPE	P.O.E.	-	POINT OF ENDING
CORR.	-	CORRECTION (V.C.)	P/R	-	POINT OF ROTATION
CSW	-	CONCRETE SIDEWALK	P.P.C.C.	-	PLAIN PORTLAND CEMENT CONCRETE
CSXT	-	CSX RAILROAD	P.T.	-	POINT OF TANGENT
C.Y.	-	CUBIC YARDS	PUE	-	PUBLIC UTILITY EASEMENT
Dc	-	DEGREE OF CURVE	P.V.C.	-	POINT OF VERTICAL CURVE
DELTA	-	CENTRAL ANGLE (CURVE DATA)	P.V.I.	-	POINT OF VERTICAL INTERSECTION
DEV	-	DEVELOPMENT	P.V.R.C.	-	POINT OF VERTICAL REVERSE CURVE
DIA.	-	DIAMETER	PVT.	-	PAVEMENT
DI	-	EXISTING DRAIN INLET	P.V.T.	-	POINT OF VERTICAL TANGENCY
E	-	EXTERNAL DISTANCE (CURVE DATA)	R	-	RADIUS (CURVE DATA)
EA.	-	EACH	R.C.P.	-	REINFORCED CONCRETE PIPE
E.B.R.	-	EAST BOUND ROADWAY	RT.	-	RIGHT
ELEV., EL	-	ELEVATION	R/W	-	RIGHT OF WAY
EX., EXIST.	-	EXISTING	S.B.R.	-	SOUTH BOUND ROADWAY
EXP.	-	EXPANSION	SDWK.	-	SIDEWALK
F.S.	-	FAR SIDE	SC	-	STORMCEPTOR
F/O	-	FIBER OPTIC	SD	-	STORM DRAIN
F.215	-	FOLIO	SF	-	SQUARE FEET
HI	-	HIGH POINT	SHA	-	STATE HIGHWAY ADMINISTRATION
INV.	-	INVERT	S.Y.	-	SQUARE YARDS
L	-	LENGTH OF CURVE (CURVE DATA)	SPP	-	STRUCTURAL PLATE PIPE
LBS	-	POUNDS	STA.	-	STATION
L.F.	-	LINEAR FEET	STD.	-	STANDARD
LO	-	LOW POINT	SSD	-	STOPPING SIGHT DISTANCE
LT.	-	LEFT	SMH	-	SANITARY MANHOLE
L.5660	-	LIBER	SWM	-	STORM WATER MANAGEMENT
MAX.	-	MAXIMUM	SW-I	-	STORM WATER MANAGEMENT BORING
MC	-	MONTGOMERY COUNTY	T	-	TANGENT (CURVE DATA)
MD	-	MARYLAND	TBD	-	TO BE DETERMINED
M.H., MH	-	MANHOLE	TC	-	TOP OF CURB
MIN.	-	MINIMUM	TRANS	-	TRANSFORMER
MOD.	-	MODIFIED	TRAV	-	TRAVERSE POINT
MSE	-	MECHANICAL STABILIZED EARTH	TYP.	-	TYPICAL
N.B.R.	-	NORTH BOUND ROADWAY	UG	-	UNDERGROUND
N.D.C.	-	NOSE DOWN CURB	UTIL.	-	UTILITY STRUCTURE
NO.	-	NUMBER	VC	-	VERTICAL CURVE
NORM.	-	NORMAL	W	-	WATER LINE
NRI	-	NATURAL RESOURCE INVENTORY	W.B.R.	-	WEST BOUND ROADWAY
FSD	-	FOREST STAND DELINEATION	W.P.	-	WORKING POINT
N.S.	-	NEAR SIDE			
NTS	-	NOT TO SCALE			

FIELD SURVEY NOTES

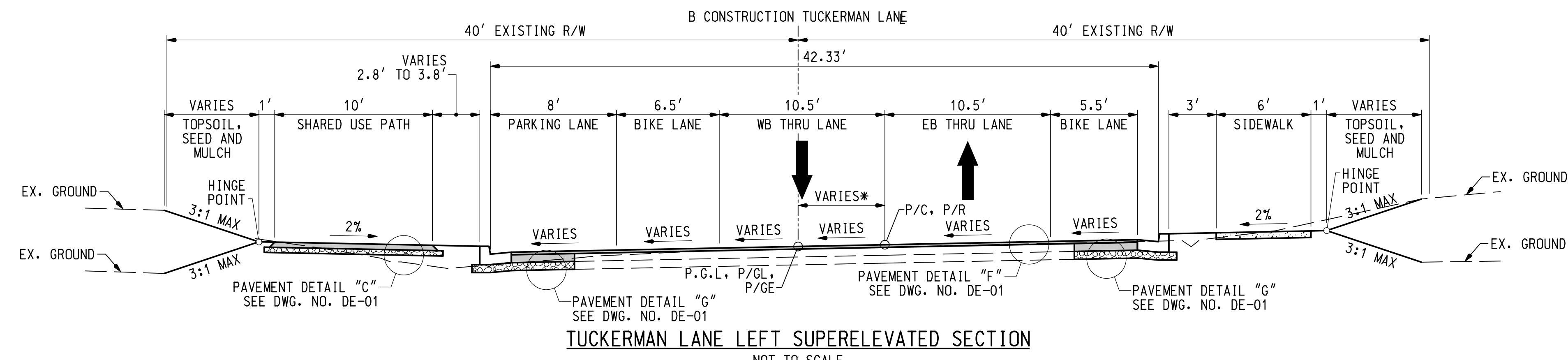
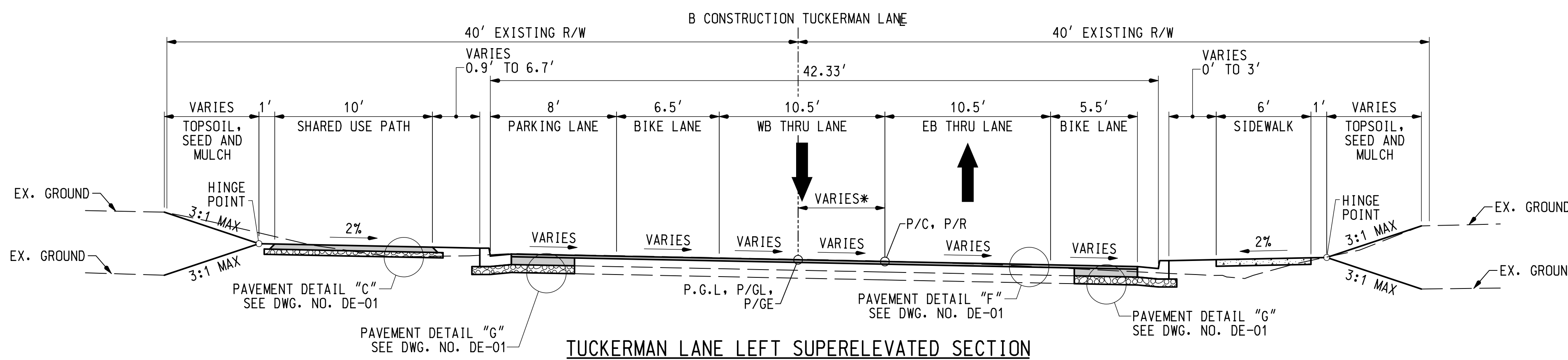
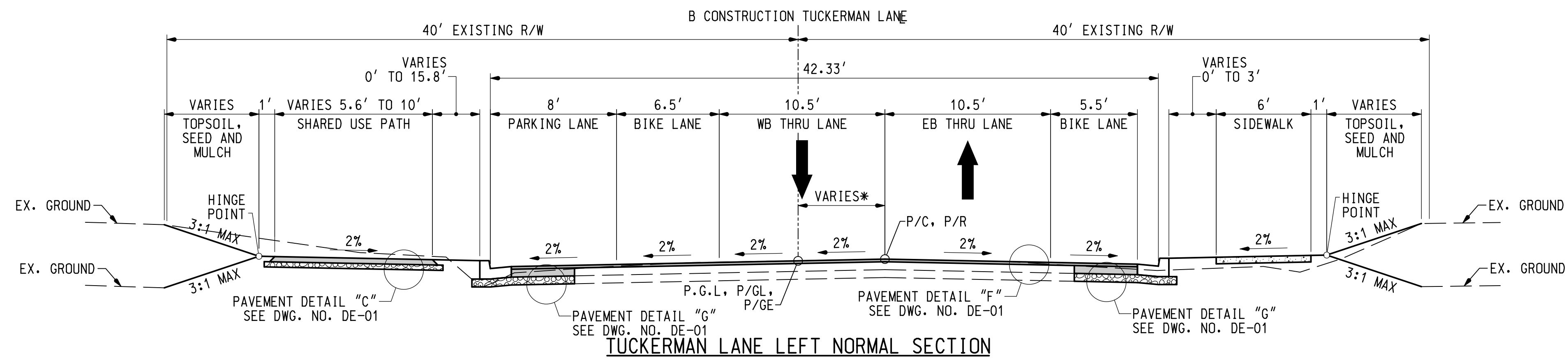
- TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED BY WILSON T. BALLARD SEPTEMBER 2019.
- TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED BY WALLACE MONTGOMERY JUNE 2021.

BY: sabbasgholipour

WALLACE MONTGOMERY
ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS
10150 York Road, Suite 200
Hunt Valley, Maryland 21030
410.494.9093 Tel / 410.687.0925 Fax
www.WallaceMontgomery.com A Limited Liability Partnership

PLOTTED: 3/8/2023
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35% SUBMITTAL				 MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION 100 EDISON PARK DRIVE, 4TH FLOOR GAITHERSBURG, MD 20878		TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08	
DATUM: NAD 83/91 HORIZONTAL NAVD 88 VERTICAL				RECOMMENDED FOR APPROVAL		PLAN SHEET GN-01 GENERAL NOTES AND DEFINITIONS TUCKERMAN LANE SIDEWALK/BIKEWAY PROJECT - SEGMENT 1	
Chief, Design Section APPROVED				Date		SCALE: N.T.S.	
Chief, Division of Engineering Services				Date		10/2021	
Design by : S.A.T. Drawn by : S.A.T. Checked by : M.J.B.				Project No. : C.I.P. PR. # 509337		SHEET 03 of 175	
NO.	REVISION	DATE	BY				



*REFER TO POINT OF CROWN TABLE ON SHEET PC-01

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 MARK J. BODMANN MD NO-31487 EXP-03/18/2023

NO.	REVISION	DATE	BY

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
 NAVD 88 VERTICAL

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
 APPROVED

Chief, Division of Engineering Services _____ Date _____

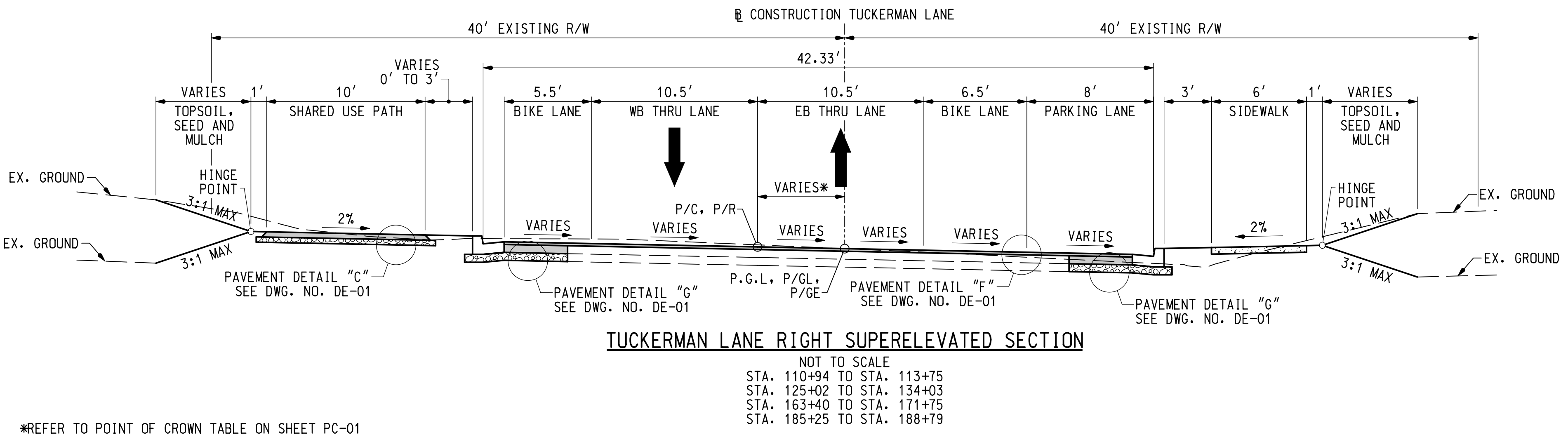
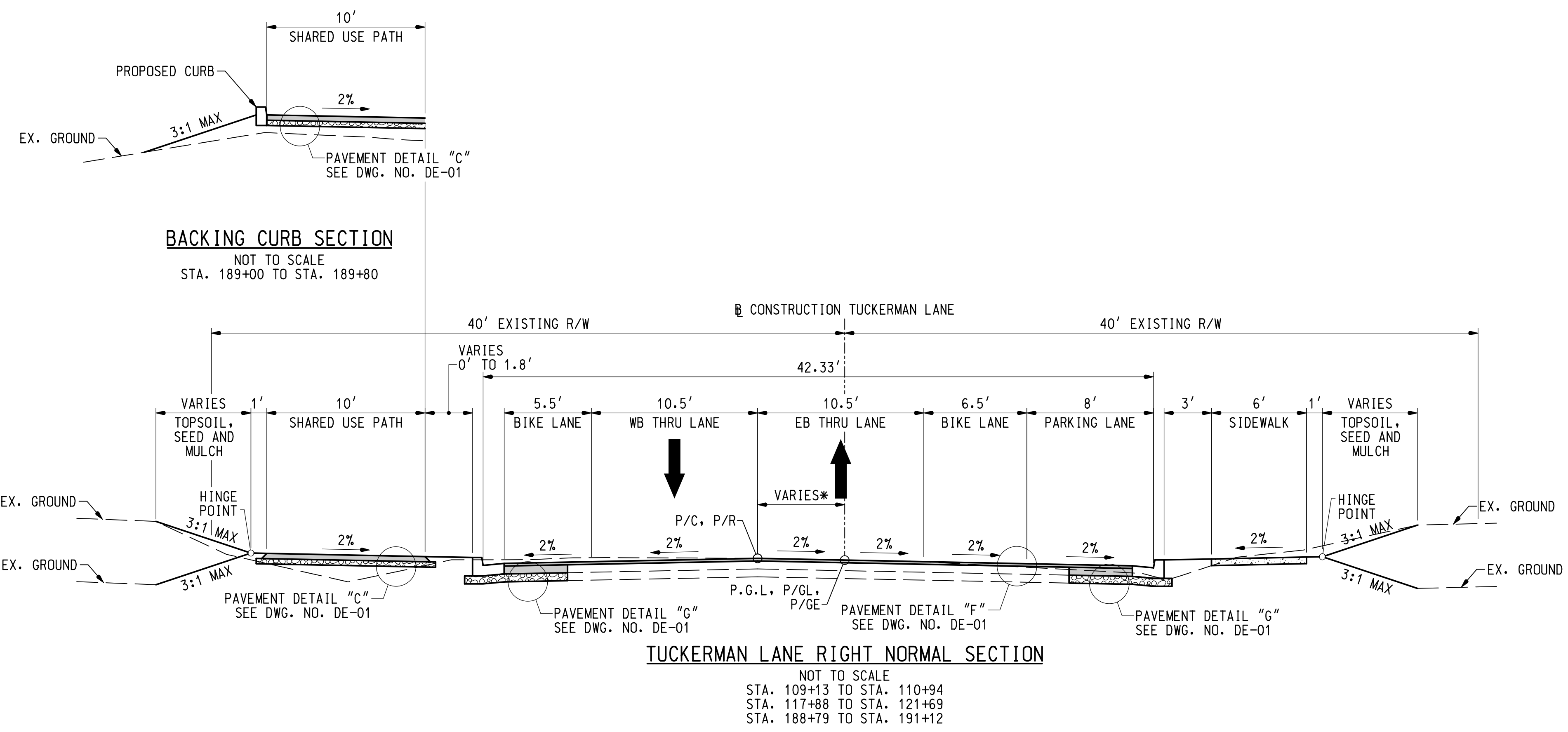
Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET TS-01
 TYPICAL SECTIONS
 TUCKERMAN LANE
 SIDEWALK/BIKEWAY
 PROJECT - SEGMENT 1**

SCALE: N.T.S. 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 04 of 175



BY: sabbasgholipour

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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.
MARK J. BODMANN MD NO-31487 EXP-03/18/2023

SEAL

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

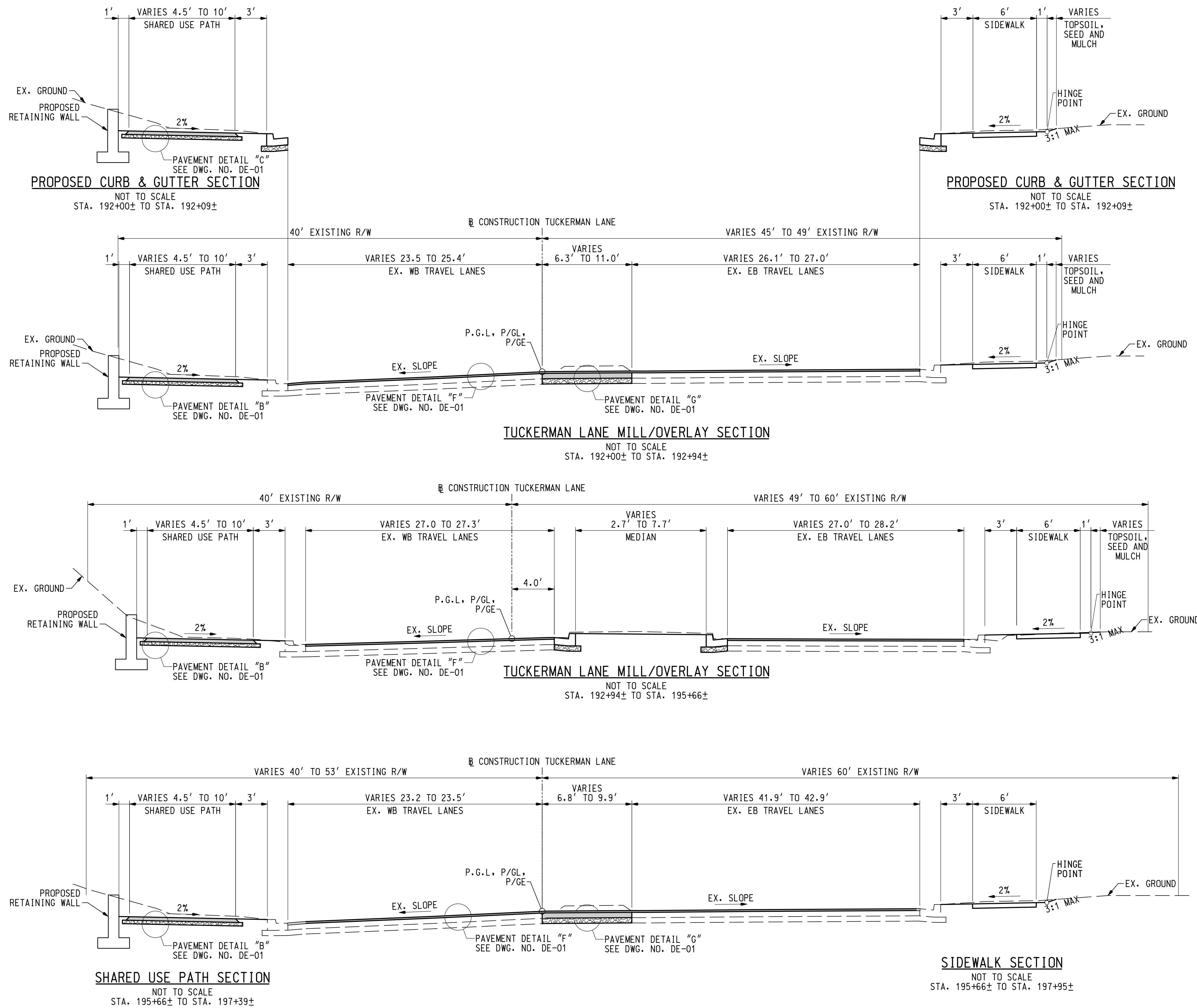
Designed by : S.A.T. Drawn by : S.A.T. Checked by : M.J.B.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET TS-02
TYPICAL SECTIONS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1**

SCALE : N.T.S. 10/2021

Project No. : C.I.P. PR. # 509337 SHEET 05 of 175



BY: sabbasgholipour

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MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

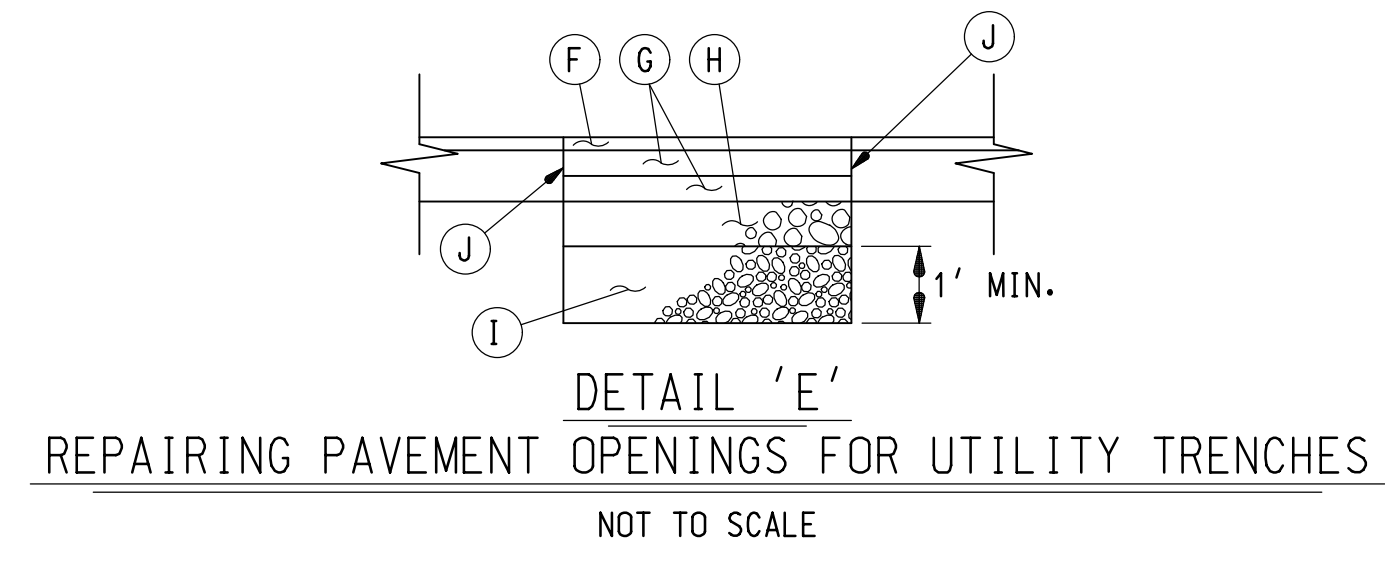
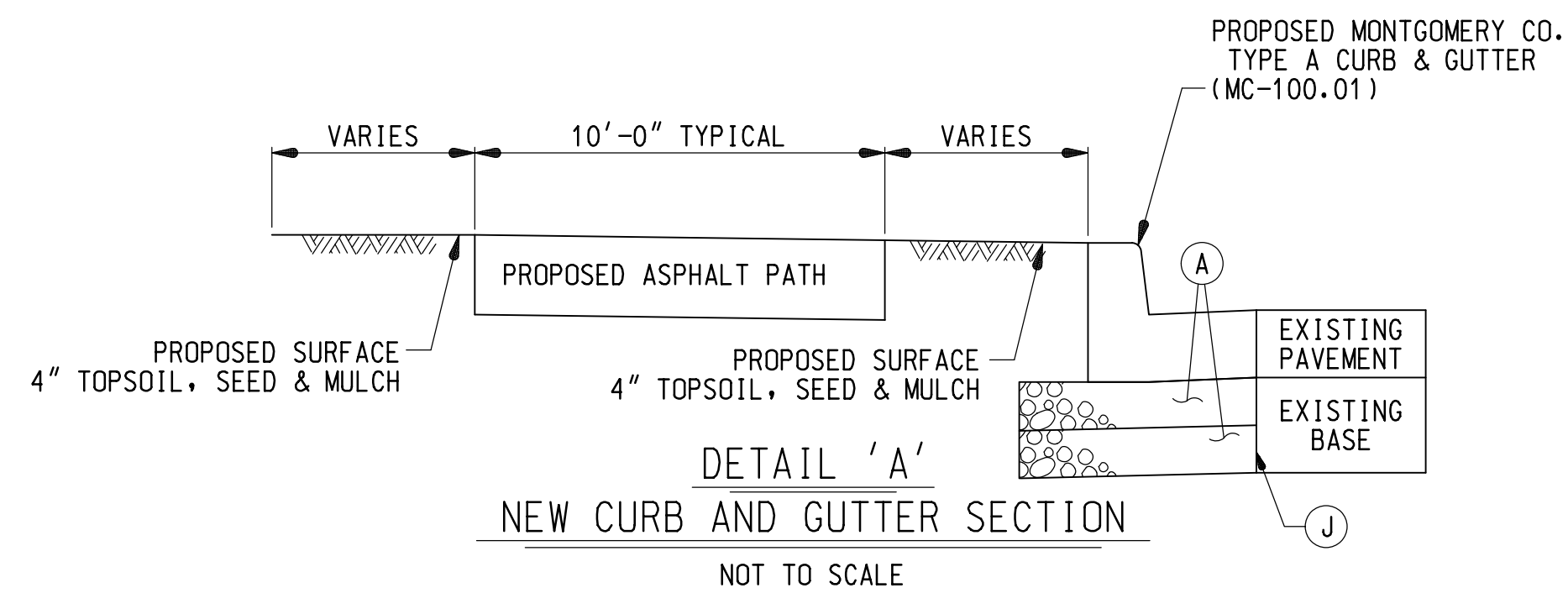
Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET TS-03
TYPICAL SECTIONS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1**

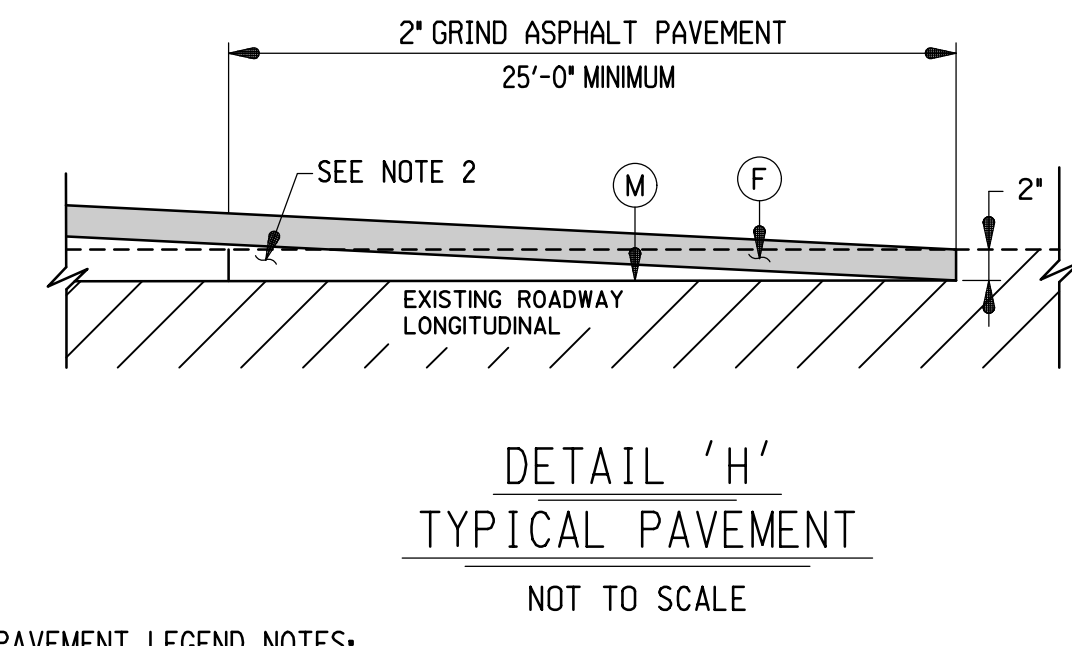
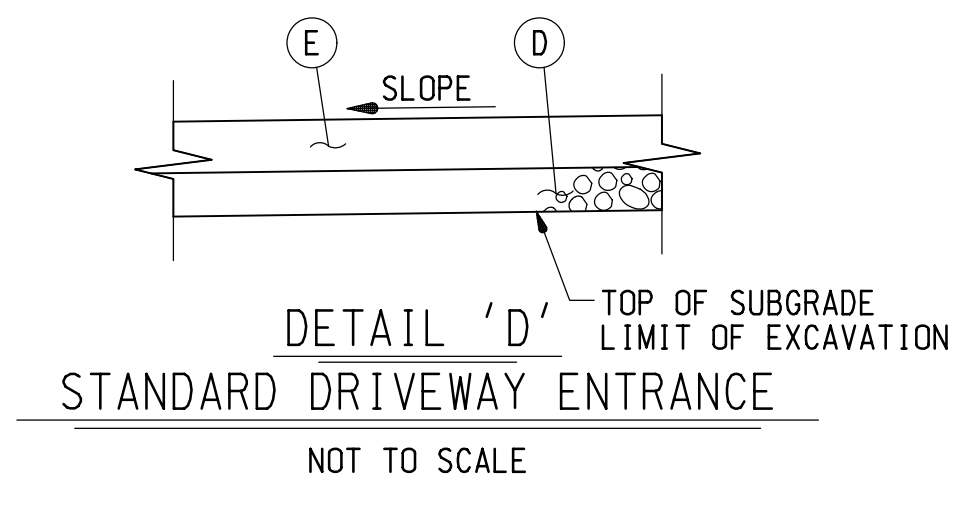
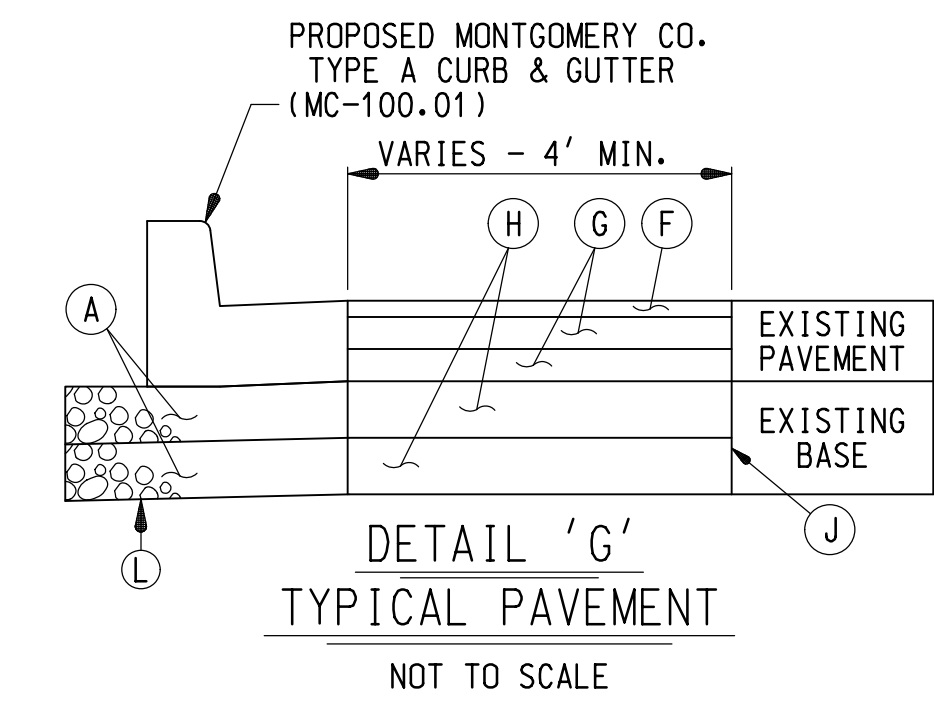
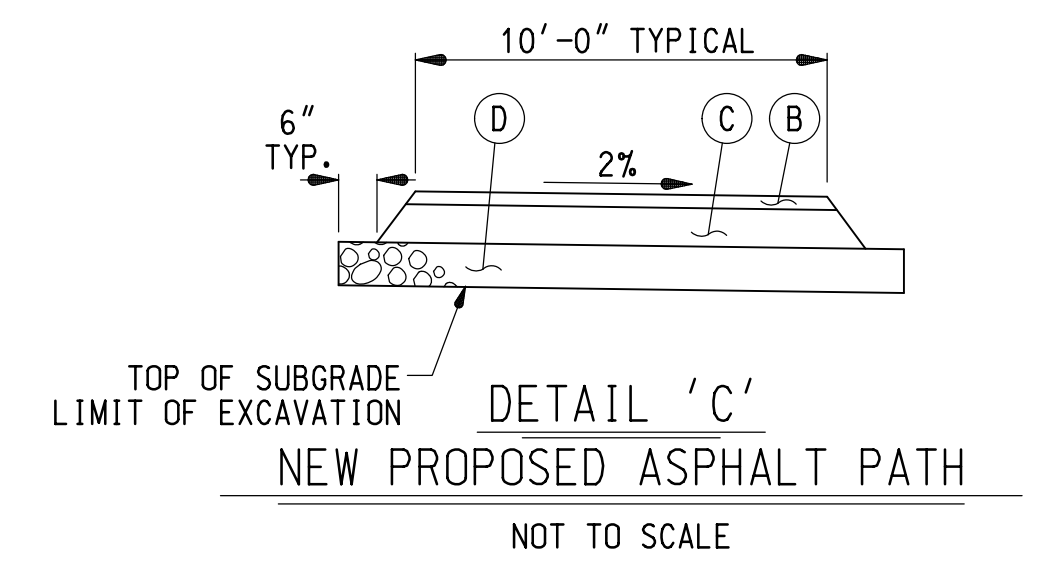
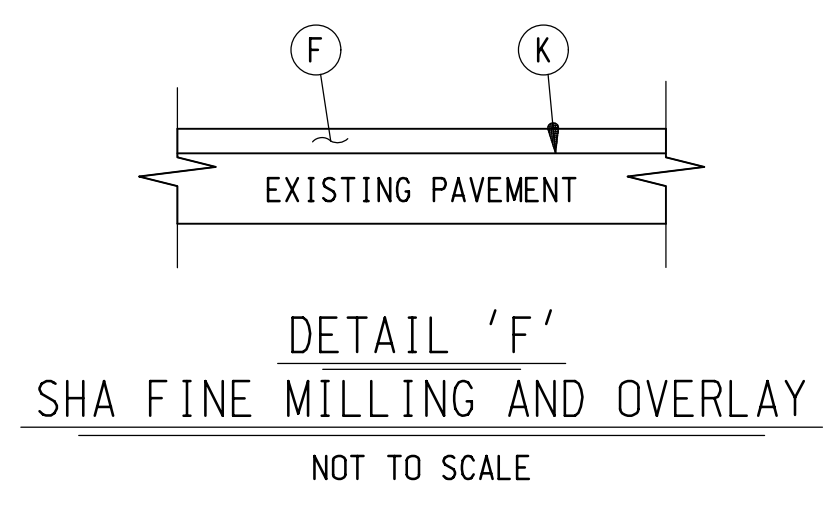
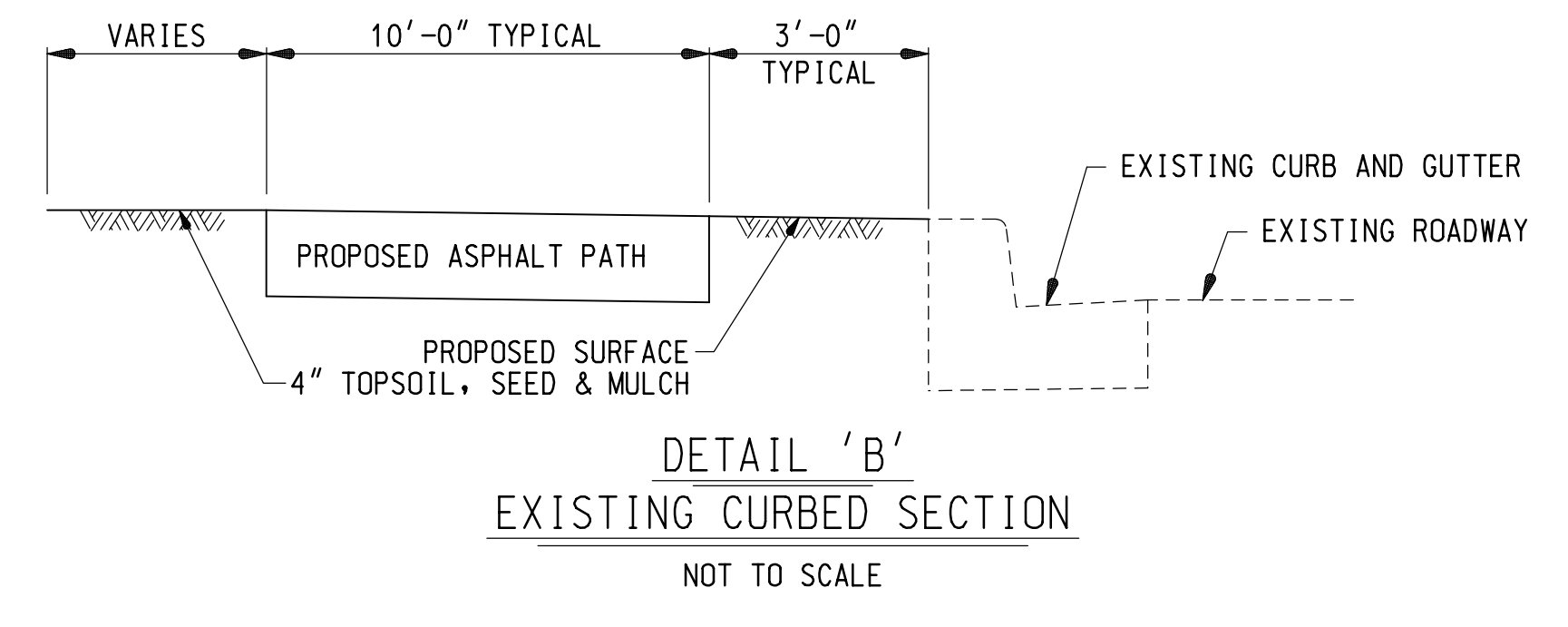
SCALE: N.T.S. 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 06 of 175



- NOTES:**
- A WEDGE/LEVEL COURSE OF MINIMUM 1" THICKNESS SHOULD BE PLACED OVER ALL EXISTING PAVEMENTS PRIOR TO PLACING THE FINAL 2" SURFACE LAYER. THIS WEDGE/LEVEL LAYER SHOULD BE PLACED AFTER GRINDING OPERATIONS ON EXISTING PAVEMENT. ADDITIONAL THICKNESS OF WEDGE/LEVEL MATERIAL MAY BE USED FOR MAKING GRADE AND CROSS SLOPE ADJUSTMENTS AS REQUIRED FOR EXISTING PAVEMENTS.
 - ADDITIONAL 1' WIDTH (MAXIMUM) EXCAVATION FOR CURB PLACEMENT. THE ADDITIONAL WIDTH IS TO BE FILLED WITH MIX NO. 3 CEMENT CONCRETE TO THE TOP OF THE GRADED AGGREGATE BASE. PAYMENT SHALL BE INCIDENTAL TO THE LINEAR FOOT ITEM FOR CURB AND GUTTER.
 - IN AREAS WHERE THE EXISTING PAVEMENT IS BEING REMOVED, THE LIMIT OF CLASS 1 EXCAVATION SHALL BE AT THE BOTTOM OF THE BOUND MATERIALS IN THE EXISTING PAVEMENT OR AT THE TOP OF SUBGRADE, WHICHEVER IS LOWER.
 - FOR WEDGE/LEVEL 0"-2" LIFT:
 BID ITEM: SUPERPAVE ASPHALT MIX 9.5 MM FOR WEDGE/LEVEL, PG 64S-22, LEVEL 2.
 FOR WEDGE/LEVEL 2"-4" LIFT:
 BID ITEM: SUPERPAVE ASPHALT MIX 19.0 MM FOR WEDGE/LEVEL, PG 64S-22, LEVEL 2.

- (A) 12" BASE COURSE USING GRADED AGGREGATE (2-6" LIFTS) (INCIDENTAL TO C&G PAYMENT)
- (B) 1.5" SUPERPAVE ASPHALT MIX 9.5mm SURFACE, PG 64S-22, L2
- (C) 2.5" SUPERPAVE ASPHALT MIX 19.0mm BASE, PG 64S-22, L2
- (D) 4.0" GRADED AGGREGATE BASE COURSE
REFER TO PLANS FOR DIMENSIONS
SEE MD STD 580.08 FOR ADDITIONAL INFORMATION
- (E) 7.0" PLAIN CEMENT CONCRETE PAVEMENT, MIX 9
- (F) 2.0" SUPERPAVE ASPHALT MIX 9.5mm SURFACE, PG 64S-22, L2
- (G) 4.0" SUPERPAVE ASPHALT MIX 19.0mm BASE, PG 64S-22, L2
- (H) 6.0" GRADED AGGREGATE BASE COURSE
- (I) NO. 57 AGGREGATE
- (J) FULL DEPTH SAWCUT (TYP.)
- (K) TOP OF EXISTING PAVEMENT AFTER 2.0" FINE MILLING
- (L) TOP OF SUBGRADE AND LIMIT OF EXCAVATION
- (M) TOP OF EXISTING PAVEMENT BASE



- PAVEMENT LEGEND NOTES:
- FOR GRADE OR CROSS SLOPE ADJUSTMENTS USE: SUPERPAVE ASPHALT MIX 9.5 MM FOR WEDGE/LEVEL, PG 64S-22, LEVEL 2 (1" MINIMUM LIFT, 2" MAXIMUM LIFT) OR SUPERPAVE ASPHALT MIX 19.0MM FOR WEDGE/LEVEL (2" MINIMUM LIFT, 4" MAXIMUM LIFT)

BY: sabbasgholipour

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 www.WallaceMontgomery.com

PLOTTED: 3/8/2023
 FILE: M:\PROJ\220015.0001\Highways_Cadd_pHD-D001_Tuckerman.dgn

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.
 MARK J. BODMANN MD NO-31487 EXP-03/18/2023

SEAL

DATE: 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
 NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 100 EDISON PARK DRIVE, 4TH FLOOR
 GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
 APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

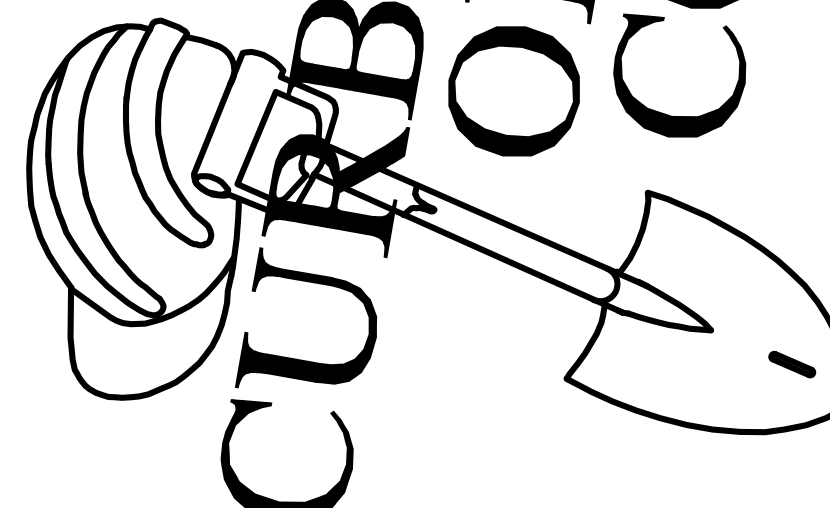
TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET DE-01
 PAVEMENT DETAILS
 TUCKERMAN LANE
 SIDEWALK/BIKEWAY
 PROJECT - SEGMENT 1**

SCALE: N.T.S. 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 07 of 175

PLAN SHEET	WESTBOUND				BASELINE		EASTBOUND			
	CURB		CENTERLINE		TUCKERMAN LANE		CENTERLINE		CURB	
	OFFSET	ELEVATION	OFFSET	ELEVATION	STATION	ELEVATION	OFFSET	ELEVATION	OFFSET	ELEVATION
PS-01			N/A	N/A	101+00.00					
PS-01			N/A	N/A	101+25.00					
PS-01			N/A	N/A	101+50.00					
PS-01			N/A	N/A	101+75.00					
PS-01			N/A	N/A	102+00.00					
PS-01			N/A	N/A	102+25.00					
PS-01			N/A	N/A	102+50.00					
PS-01			N/A	N/A	102+75.00					
PS-01			N/A	N/A	103+00.00					
PS-01			N/A	N/A	103+25.00					
PS-01			N/A	N/A	103+50.00					
PS-01			N/A	N/A	103+75.00					
PS-01			N/A	N/A	104+00.00					
PS-01			N/A	N/A	104+25.00					
PS-01			N/A	N/A	104+50.00					
PS-01			N/A	N/A	104+75.00					
PS-01			N/A	N/A	105+00.00					
PS-01			N/A	N/A	105+25.00					
PS-01			N/A	N/A	105+50.00					
PS-01			N/A	N/A	105+75.00					
PS-01			N/A	N/A	106+00.00					
PS-01			N/A	N/A	106+25.00					
PS-01 & 02			N/A	N/A	106+50.00					


CURB ELEVATIONS AND OFFSETS UNDER CONSTRUCTION

NOTES:
 1. ALL ELEVATIONS ARE TO THE FLOW LINE. TOP OF CURB IS 0.67' HIGHER EXCEPT AT DRIVEWAYS, ADA RAMPS, VALLEY GUTTER, OR WHERE OTHERWISE SHOWN ON PLAN SHEETS AND DETAILS.
 2. GUTTER PAN IS 1'-4".



WALLACE MONTGOMERY
 ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS
 10150 York Road, Suite 200
 Hunt Valley, Maryland 21030
 410.494.9093 Tel / 410.667.0925 Fax
 www.WallaceMontgomery.com A Limited Liability Partnership


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.
 MARK J. BODMANN MD NO-31487 EXP-03/18/2023

SEAL
 DATE : 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
 NAVD 88 VERTICAL

NO.	REVISION	DATE	BY



MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 100 EDISON PARK DRIVE, 4TH FLOOR
 GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
 APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by : S.A.T. Drawn by : S.A.T. Checked by : M.J.B.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET CR-01
 CURB ELEVATIONS AND OFFSETS
 TUCKERMAN LANE
 SIDEWALK/BIKEWAY
 PROJECT - SEGMENT 1**

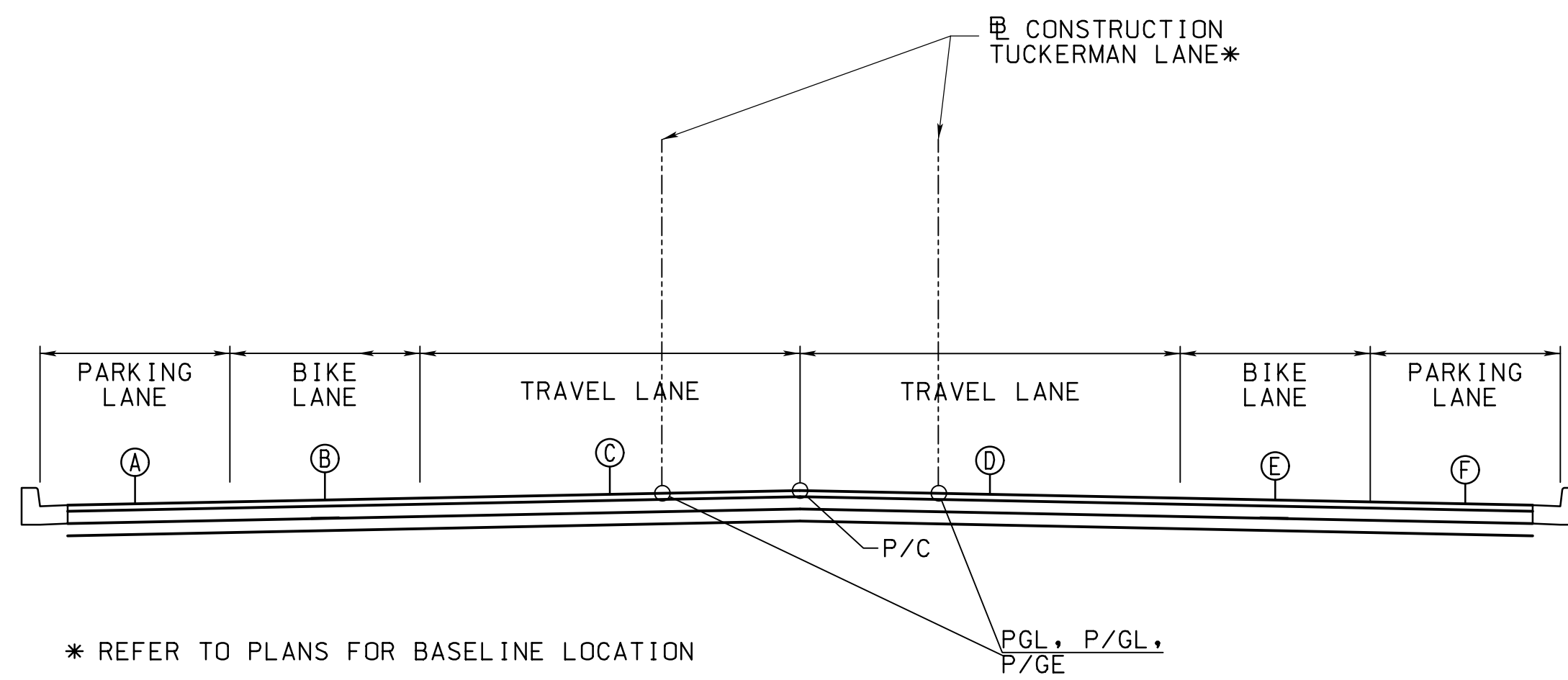
SCALE : N.T.S. 10/2021

Project No. : C.I.P. PR. # 509337 SHEET 08 of 175

BY: sabbasgholipour

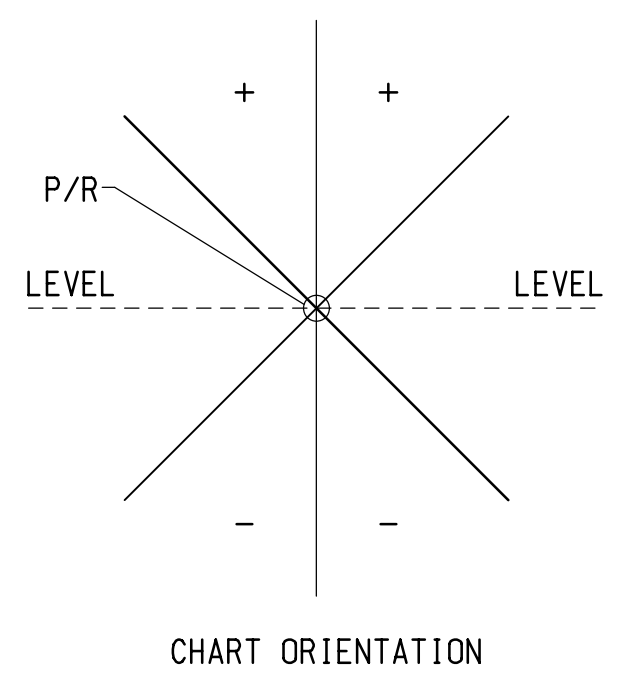
DRIVEWAY ENTRANCE SCHEDULE									
STATION	A (FT)	B (FT)	C (FT)	D (%)	E (%)	F (%)	G (FT)	H (FT)	ENT. WIDTH (FT)
102+82.78, RT	3.00	6.00	9.43	8.33%	2.00%	15.00%	3.00	3.00	12.00
102+98.18, LT	5.40	10.00	21.19	-6.96%	-2.00%	-18.00%	N/A	N/A	12.00
103+07.96, RT	3.00	6.00	8.68	8.33%	2.00%	15.00%	3.00	3.00	12.00
104+45.52, LT	N/A	10.00	7.25	N/A	-2.00%	-10.00%	6.00	6.00	12.00
104+85.74, LT	N/A	10.00	7.68	N/A	-2.00%	-10.00%	6.00	6.00	12.00
105+03.99, RT	3.00	6.00	1.38	8.33%	2.00%	2.00%	3.00	3.00	12.00
105+53.61, RT	3.00	6.00	9.69	8.33%	2.00%	-8.33%	3.00	3.00	12.00
105+83.35, LT	N/A	10.00	11.25	N/A	-2.00%	-18.00%	6.00	6.00	12.00
106+02.26, RT	3.00	6.00	1.59	8.33%	2.00%	5.00%	3.00	3.00	12.00
106+83.10, RT	3.00	6.00	9.02	8.33%	2.00%	10.00%	3.00	3.00	12.00
107+06.92, RT	3.00	6.00	7.89	8.33%	2.00%	10.00%	3.00	3.00	12.00
107+34.50, LT	N/A	10.00	30.83	N/A	-2.00%	-20.00%	6.00	6.00	22.00
108+30.41, RT	4.29	6.00	6.23	9.04%	2.00%	5.00%	N/A	2.00	12.00
108+52.90, RT	5.24	6.00	4.47	7.76%	2.00%	5.00%	2.00	N/A	24.00
108+59.86, LT	4.12	10.00	8.84	-7.30%	-2.00%	-13.00%	3.00	3.00	12.00
109+61.75, LT	N/A	10.00	9.92	N/A	-2.00%	-15.00%	6.00	6.00	12.00
109+77.68, RT	3.00	6.00	5.07	8.33%	2.00%	15.00%	3.00	3.00	12.00
110+07.96, RT	3.00	6.00	3.26	8.33%	2.00%	15.00%	3.00	3.00	12.00
110+57.20, RT	3.00	6.00	6.80	8.33%	2.00%	18.00%	N/A	3.00	12.00
110+62.47, LT	N/A	10.00	12.35	N/A	-2.00%	-15.00%	6.00	6.00	20.00
110+80.27, RT	3.00	6.00	8.23	8.33%	2.00%	18.00%	3.00	N/A	12.00
110+99.22, LT	N/A	10.00	9.80	N/A	-2.00%	-15.00%	6.00	6.00	12.00
111+57.16, RT	3.00	6.00	7.12	8.33%	2.00%	15.00%	3.00	3.00	12.00
112+57.90, LT	N/A	10.00	6.31	N/A	-2.00%	-15.00%	6.00	6.00	12.00
113+36.62, LT	N/A	10.00	13.83	N/A	-2.00%	-20.00%	6.00	6.00	12.00
114+57.81, LT	4.06	10.00	12.81	-7.39%	-2.00%	-15.00%	3.00	3.00	12.00
114+99.76, LT	5.51	10.00	14.14	-8.99%	-2.00%	-18.00%	1.00	1.00	12.00
115+66.96, LT	6.66	10.00	7.42	-9.04%	-2.00%	-15.00%	N/A	N/A	12.00
115+66.99, RT	3.00	6.00	18.69	8.33%	2.00%	20.00%	3.00	3.00	16.00
116+09.86, RT	3.00	6.00	22.79	8.33%	2.00%	22.00%	3.00	3.00	24.00
116+67.94, LT	N/A	10.00	9.81	N/A	-2.00%	-16.00%	6.00	6.00	12.00
118+14.00, LT	N/A	10.00	9.57	N/A	-2.00%	-18.00%	6.00	6.00	12.00
118+21.60, RT	3.00	6.00	22.41	8.33%	2.00%	20.00%	3.00	3.00	12.00
118+99.20, LT	N/A	10.00	8.14	N/A	-2.00%	-13.00%	6.00	6.00	14.00
119+14.78, RT	3.00	6.00	27.07	8.33%	2.00%	22.00%	3.00	3.00	15.00
119+37.79, LT	N/A	10.00	8.65	N/A	-2.00%	-15.00%	6.00	6.00	12.00
120+07.53, RT	3.00	6.00	11.64	8.33%	2.00%	20.00%	3.00	3.00	14.00
120+74.57, LT	N/A	10.00	0.39	N/A	-2.00%	-2.00%	6.00	6.00	15.00
120+99.15, RT	3.00	6.00	9.57	8.33%	2.00%	18.00%	3.00	3.00	14.00
121+82.64, RT	7.21	6.00	0.36	8.50%	2.00%	2.00%	3.00	3.00	16.00
122+92.92, RT	3.00	6.00	2.17	8.33%	2.00%	2.00%	3.00	3.00	12.00
123+47.42, LT	N/A	10.00	2.93	N/A	-2.00%	2.00%	N/A	N/A	12.00
123+55.02, RT	3.00	6.00	2.70	8.33%	2.00%	8.33%	3.00	3.00	16.00
123+95.73, RT	3.00	6.00	12.35	8.33%	2.00%	8.33%	3.00	3.00	16.00
124+27.75, LT	N/A	10.00	6.96	N/A	-2.00%	-10.00%	6.00	6.00	12.00
124+60.69, RT	3.00	6.00	6.64	8.33%	2.00%	10.00%	3.00	3.00	12.00
124+77.12, LT	N/A	10.00	24.82	N/A	-2.00%	-20.00%	6.00	6.00	15.00
125+53.33, RT	3.00	6.00	9.91	8.33%	2.00%	16.00%	3.00	3.00	16.00
125+68.22, LT	N/A	10.00	9.54	N/A	-2.00%	-15.72%	6.00	6.00	14.00
126+45.76, RT	3.00	6.00	7.31	8.33%	2.00%	13.00%	3.00	3.00	16.00
126+57.20, LT	N/A	10.00	13.86	N/A	-2.00%	-18.00%	6.00	6.00	14.00
126+91.84, RT	3.00	6.00	9.96	8.33%	2.00%	15.00%	3.00	3.00	12.00
127+50.24, RT	3.00	6.00	9.61	8.33%	2.00%	11.00%	3.00	3.00	11.00
127+93.96, LT	N/A	10.00	9.83	N/A	-2.00%	-18.00%	6.00	6.00	12.00
128+00.07, RT	3.00	6.00	9.04	8.33%	2.00%	13.00%	3.00	3.00	12.00
128+80.02, LT	N/A	10.00	8.99	N/A	-2.00%	-17.00%	6.00	6.00	20.00
129+06.10, RT	3.00	6.00	3.40	8.33%	2.00%	8.33%	3.00	3.00	17.00
129+63.95, LT	N/A	10.00	5.45	N/A	-2.00%	-16.00%	6.00	6.00	12.00
130+12.04, RT	3.00	6.00	7.66	8.33%	2.00%	8.33%	3.00	3.00	16.00
130+47.57, LT	N/A	10.00	7.57	N/A	-2.00%	-15.00%	6.00	6.00	12.00
131+54.74, RT	3.00	6.00	8.92	8.33%	2.00%	14.00%	3.00	3.00	16.00
132+47.87, RT	3.00	6.00	0.08	8.33%	2.00%	2.00%	3.00	3.00	16.00
133+00.94, RT	3.00	6.00	3.52	8.33%	2.00%	6.00%	3.00	3.00	16.00
134+16.72, RT	3.00	6.00	5.33	8.33%	2.00%	-4.00%	3.00	3.00	20.00
138+21.67, RT	3.00	6.00	8.05	8.33%	2.00%	8.33%	3.00	3.00	12.00
138+85.59, RT	3.00	6.00	5.54	8.33%	2.00%	-0.67%	3.00	3.00	12.00
139+57.18, RT	3.00	6.00	8.67	8.33%	2.00%	10.00%	3.00	3.00	16.00
140+06.21, RT	3.00	6.00	2.94	8.33%	2.00%	8.00%	3.00	3.00	12.00
140+36.42, RT	3.00	6.00	5.79	8.33%	2.00%	8.00%	3.00	3.00	12.00
141+04.89, RT	3.00	6.00	2.27	8.33%	2.00%	8.00%	3.00	3.00	12.00

DRIVEWAY ENTRANCE SCHEDULE									
STATION	A (FT)	B (FT)	C (FT)	D (%)	E (%)	F (%)	G (FT)	H (FT)	ENT. WIDTH (FT)
144+32.55, RT	3.00	6.00	6.49	8.33%	2.00%	-4.00%	3.00	3.00	12.00
144+76.38, RT	3.00	6.00	6.26	8.33%	2.00%	-4.00%	3.00	3.00	12.00
145+38.61, RT	3.00	6.00	0.48	8.33%	2.00%	2.00%	3.00	3.00	12.00
146+22.99, RT	3.00	6.00	15.17	8.33%	2.00%	20.00%	3.00	3.00	12.00
146+97.35, RT	3.00	6.00	18.99	8.33%	2.00%	20.00%	3.00	3.00	12.00
147+72.83, RT	3.00	6.00	30.18	8.33%	2.00%	22.00%	3.00	3.00	12.00
150+03.30, RT	3.00	6.00	8.34	8.33%	2.00%	2.00%	3.00	3.00	16.00
150+40.08, RT	3.00	6.00	6.05	8.33%	2.00%	15.00%	3.00	3.00	21.00
151+71.72, RT	3.00	6.00	0.19	8.33%	2.00%	-2.00%	3.00	3.00	16.00
152+60.09, RT	3.00	6.00	3.54	8.33%	2.00%	8.33%	3.00	3.00	16.00
153+45.34, RT	3.00	6.00	2.34	8.33%	2.00%	-4.00%	3.00	3.00	16.00
154+23.40, RT	3.00	6.00	6.69	8.33%	2.00%	12.00%	3.00	3.00	18.00
155+15.05, RT	3.00	6.00	9.84	8.33%	2.00%	10.00%	3.00	3.00	16.00
155+99.87, RT	3.00	6.00	9.33	8.33%	2.00%	12.00%	3.00	3.00	16.00
156+84.21, RT	3.00	6.00	3.92	8.33%	2.00%	14.00%	3.00	3.00	16.00
157+27.34, RT	3.00	6.00	6.35	8.33%	2.00%	12.00%	3.00	3.00	18.00
157+79.39, RT	3.00	6.00	3.88	8.33%	2.00%	12.00%	3.00	3.00	14.00
158+20.17, RT	3.00	6.00	2.86	8.33%	2.00%	-4.00%	3.00	3.00	16.00
160+98.74, RT	3.00	6.00	5.35	8.33%	2.00%	10.00%	3.00	3.00	16.00
161+26.46, LT	3.00	10.00	17.52	-8.33%	-2.00%	-20.00%	3.00	3.00	12.00
161+88.93, RT	3.00	6.00	7.58	8.33%	2.00%	6.00%	3.00	3.00	16.00
162+76.62, RT	3.00	6.00	0.55	8.33%	2.00%	6.00%	3.00	3.00	16.00
163+68.11, RT	3.00	6.00	1.06	8.33%	2.00%	10.00%	3.00	3.00	16.00
163+83.95, LT	3.00	10.00	2.85	-8.33%	-2.00%	-2.00%	3.00	3.00	18.00
164+61.09, RT	3.00	6.00	0.21	8.33%	2.00%	2.00%	3.00	3.00	16.00
164+62.05, LT	3.00	10.00	0.12	-8.33%	-2.00%	-2.00%	3.00	3.00	18.00
165+36.17, LT	3.00	10.00	1.40	-8.33%	-2.00%	-2.00%	3.00	3.00	12.00
166+14.29, LT	3.00	10.00	5.73	-8.33%	-2.00%	-12.00%	3.00	3.00	16.00
166+88.32, LT	3.00	10.00	0.83	-8.33%	-2.00%	-2.00%	3.00	3.00	12.00
167+60.23, LT	3.00	10.00	3.22	-8.33%	-2.00%	-12.00%	3.00	3.00	16.00
167+72.34, RT	3.00	6.00	5.77	8.33%	2.00%	10.00%	3.00	3.00	12.00
168+42.19, LT	3.00	10.00	3.28	-8.33%	-2.00%	-2.00%	3.00	3.00	12.00
168+43.21, RT	3.00	6.00	2.89	8.33%	2.00%	-2.00%	3.00	3.00	12.00
169+27.54, RT	3.00	6.00	5.16	8.33%	2.00%	2.00%	3.00	3.00	14.00
169+61.27, LT	3.00	10.00	4.71	-8.33%	-2.00%	-2.00%	3.00	3.00	12.00
169+64.17, RT	3.00	6.00	1.38	8.33%	2.00%	13.00%	3.00	3.00	28.00
169+90.53, LT	3.00	10.00	4.27	-8.33%	-2.00%	-2.00%	3.00	3.00	12.00
170+69.13, LT	3.00	10.00	8.94	-8.33%	-2.00%	8.00%	3.00	3.00	12.00
171+19.66, LT	3.00	10.00	1.47	-8.33%	-2.00%	-2.00%	3.00	3.00	12.00
171+88.67, LT	3.00	10.00	5.00	-8.33%	-2.00%	-12.00%	3.00	3.00	12.00
171+81.95, RT	3.00	6.00	0.42	8.33%	2.00%	2.00%	3.00	3.00	12.00
172+65.52, RT	3.00	6.00	6.01	8.33%	2.00%	2.00%	3.00	3.00	12.00
172+86.69, LT	3.00	10.00	1.22	-8.33%	-2.00%	-8.33%	3.00	3.00	12.00
173+01.20, RT	3.00	6.00	4.75	8.33%	2.00%	2.00%	3.00	3.00	14.00
173+20.49, LT	3.00	10.00	1.16	-8.33%	-2.00%	2.00%	3.00	3.00	12.00
173+98.43, LT	3.00	10.00	1.34	-8.33%	-2.00%	2.00%	3.00	3.00	12.00
174+19.80, RT	3.00	6.00	5.86	8.33%	2.00%	2.00%	3.00	3.00	13.00



TUCKERMAN LANE

- R1 = 1,050, Se = 4.80%, Design Speed = 40 MPH, emax = 6%
- R2 = 3,650, Se = 2.00%, Design Speed = 40 MPH, emax = 6%
- R3 = 1,400, Se = 4.00%, Design Speed = 40 MPH, emax = 6%
- R4 = 1,150, Se = 4.40%, Design Speed = 40 MPH, emax = 6%
- R5 = 1,350, Se = 4.20%, Design Speed = 40 MPH, emax = 6%
- R6 = 2,100, Se = 3.20%, Design Speed = 40 MPH, emax = 6%
- R7 = 2,500, Se = 2.80%, Design Speed = 40 MPH, emax = 6%
- R8 = 650, Se = 5.60%, Design Speed = 40 MPH, emax = 6%



	PARKING LANE	BIKE LANE	TRAVEL LANE	TRAVEL LANE	BIKE LANE	PARKING LANE	C = 0.00040 FT./FT./FT.
STATION	A	B	C	D	E	F	DESCRIPTION
101+44.32	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	---	MATCH EXISTING
110+93.52	---	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	NORMAL CROWN
111+34.82	---	0.00%	0.00%	-2.00%	-2.00%	-2.00%	
PC 112+10.82	---	3.68%	3.68%	-3.68%	-3.68%	-3.68%	
112+29.82	---	4.60%	4.60%	-4.60%	-4.60%	-4.60%	FULL SUPER
115+82.80	---	4.60%	4.60%	-4.60%	-4.60%	---	FULL SUPER
PT 116+01.80	3.68%	3.68%	3.68%	-3.68%	-3.68%	---	
116+36.49	2.00%	2.00%	2.00%	-2.00%	-2.00%	---	
116+77.80	---	0.00%	0.00%	-2.00%	-2.00%	---	ADVERSE CROWN REMOVED
117+19.10	---	-2.00%	-2.00%	-2.00%	-2.00%	---	NORMAL CROWN
125+02.05	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	---	NORMAL CROWN
125+43.05	0.00%	0.00%	0.00%	-2.00%	-2.00%	---	
PC 125+75+85	1.60%	1.60%	1.60%	-2.00%	-2.00%	---	
125+84.05	2.00%	2.00%	2.00%	-2.00%	-2.00%	---	FULL SUPER
134+20.91	2.00%	2.00%	2.00%	-2.00%	-2.00%	---	FULL SUPER
PT 134+29.11	1.60%	1.60%	1.60%	-2.00%	-2.00%	---	
134+61.91	0.00%	0.00%	0.00%	-2.00%	-2.00%	---	ADVERSE CROWN REMOVED
135+02.91	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	---	NORMAL CROWN
135+79.59	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	---	NORMAL CROWN
136+21.09	-2.00%	-2.00%	-2.00%	0.00%	0.00%	---	
136+62.59	-2.00%	-2.00%	-2.00%	2.00%	2.00%	---	
PC 136+87.49	-3.20%	-3.20%	-3.20%	3.20%	3.20%	---	
137+04.09	-4.00%	-4.00%	-4.00%	4.00%	4.00%	---	FULL SUPER
144+33.72	-4.00%	-4.00%	-4.00%	4.00%	4.00%	---	FULL SUPER
PT 144+50.32	-3.20%	-3.20%	-3.20%	3.20%	3.20%	---	
144+75.22	-2.00%	-2.00%	-2.00%	2.00%	2.00%	---	
145+16.72	-2.00%	-2.00%	-2.00%	0.00%	0.00%	---	ADVERSE CROWN REMOVED
145+58.22	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	---	NORMAL CROWN
148+18.48	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	---	NORMAL CROWN
148+59.84	-2.00%	-2.00%	-2.00%	0.00%	0.00%	---	
149+01.21	-2.00%	-2.00%	-2.00%	2.00%	2.00%	---	
PC 149+32.64	-3.52%	-3.52%	-3.52%	3.52%	3.52%	---	
149+50.84	-4.40%	-4.40%	-4.40%	4.40%	4.40%	---	FULL SUPER
156+21.94	-4.40%	-4.40%	-4.40%	4.40%	4.40%	---	FULL SUPER
PCC 156+24.01	-4.30%	-4.30%	-4.30%	4.30%	4.30%	---	
156+26.08	-4.20%	-4.20%	-4.20%	4.20%	4.20%	---	FULL SUPER
159+26.88	---	-4.20%	-4.20%	4.20%	4.20%	---	FULL SUPER
PT 159+44.28	---	-3.36%	-3.36%	3.36%	3.36%	---	
159+72.46	---	-2.00%	-2.00%	2.00%	2.00%	---	
160+13.88	---	-2.00%	-2.00%	0.00%	0.00%	---	ADVERSE CROWN REMOVED
160+55.31	---	-2.00%	-2.00%	-2.00%	-2.00%	---	NORMAL CROWN
163+40.09	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	---	NORMAL CROWN
163+81.34	0.00%	0.00%	0.00%	-2.00%	-2.00%	---	
164+22.59	2.00%	2.00%	2.00%	-2.00%	-2.00%	---	
PC 164+34.14	2.56%	2.56%	2.56%	-2.56%	-2.56%	---	
164+47.34	3.20%	3.20%	3.20%	-3.20%	-3.20%	---	FULL SUPER
170+68.13	3.20%	3.20%	3.20%	-3.20%	-3.20%	---	FULL SUPER
PT 170+81.33	2.56%	2.56%	2.56%	-2.56%	-2.56%	---	
170+92.88	2.00%	2.00%	2.00%	-2.00%	-2.00%	---	
171+34.13	0.00%	0.00%	0.00%	-2.00%	-2.00%	---	ADVERSE CROWN REMOVED
171+75.38	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	---	NORMAL CROWN
PI 176+42.50	-2.00%	-2.00%	-2.00%	-2.00%	-2.00%	---	
180+50.87	-2.00%	-2.00%	-2.00%	0.00%	0.00%	---	
180+92.30	-2.00%	-2.00%	-2.00%	2.00%	2.00%	---	
PC 180+97.27	-2.24%	-2.24%	-2.24%	2.24%	2.24%	---	
181+08.87	-2.80%	-2.80%	-2.80%	2.80%	2.80%	---	FULL SUPER
PT 183+96.17	-2.80%	-2.80%	-2.80%	2.80%	2.80%	---	FULL SUPER
184+67.28	-2.80%	-2.80%	-2.80%	2.80%	2.80%	---	FULL SUPER
PC 185+58.85	---	1.62%	1.62%	-1.62%	-1.62%	---	
186+41.28	---	5.60%	5.60%	-5.60%	-5.60%	---	FULL SUPER
188+04.04	---	5.60%	5.60%	-5.60%	-5.60%	---	FULL SUPER
PT 188+27.24	---	4.48%	4.48%	-4.48%	-4.48%	---	
188+78.61	---	2.00%	2.00%	-2.00%	-2.00%	---	
189+20.04	---	0.00%	0.00%	-2.00%	-2.00%	---	ADVERSE CROWN REMOVED
189+61.47	---	-2.00%	-2.00%	-2.00%	-2.00%	---	NORMAL CROWN
190+43.58	---	-2.00%	-2.00%	-2.00%	-2.00%	---	NORMAL CROWN
190+84.95	---	-2.00%	-2.00%	0.00%	0.00%	---	
191+26.31	---	-2.00%	-2.00%	0.00%	0.00%	---	
PC 191+57.75	---	-2.03%	-2.03%	0.21%	0.21%	---	
192+00.00	---	-2.07%	-2.07%	0.34%	0.34%	---	MATCH EXISTING

BY: sabbasgholipour

WALLACE MONTGOMERY
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 10150 York Road, Suite 200
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 MARK J. BODMANN MD NO-31487 EXP-03/18/2023

SEAL
 DATE: 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
 NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 100 EDISON PARK DRIVE, 4TH FLOOR
 GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
 APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SE-01
SUPERELEVATION TABLE
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1

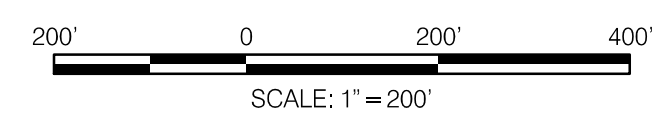
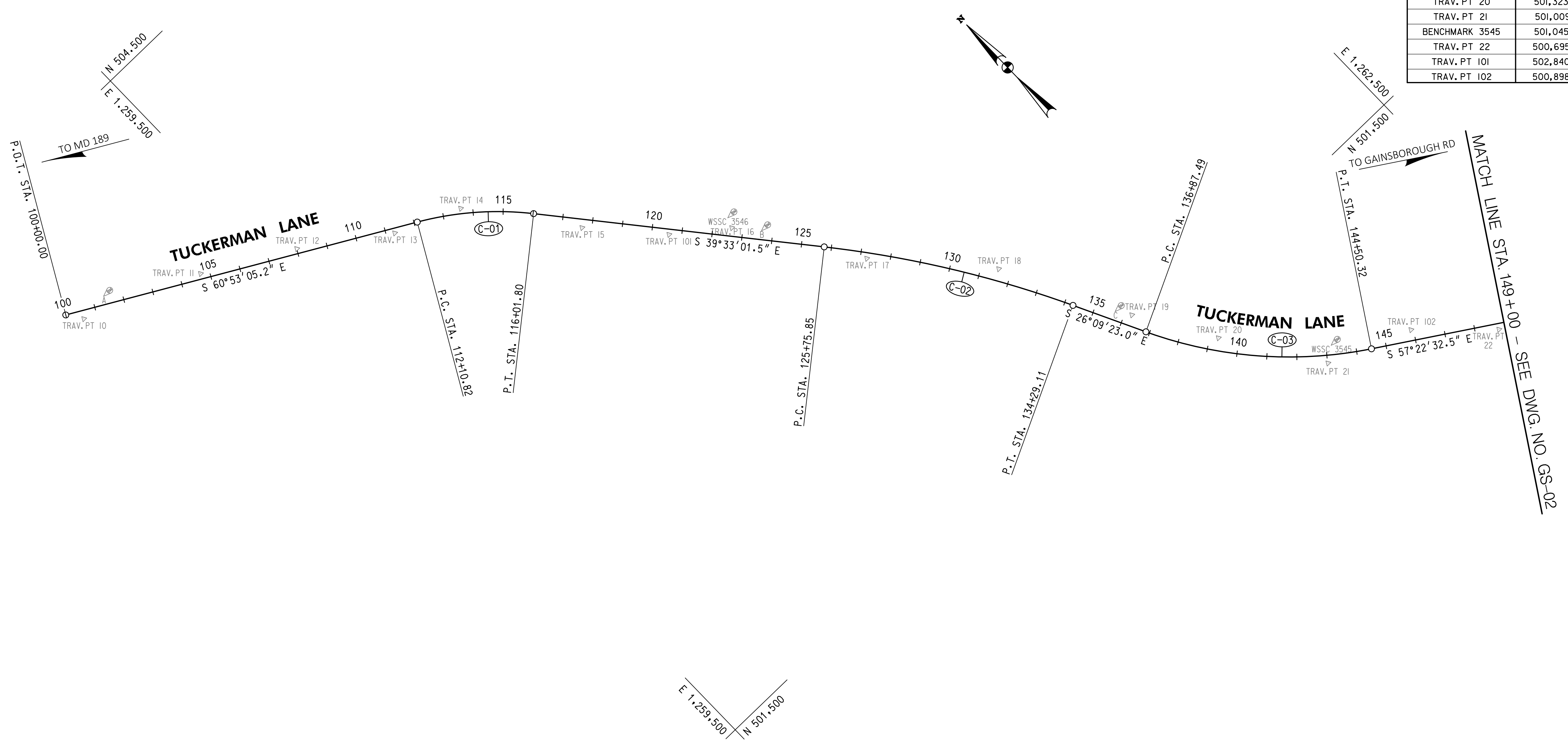
SCALE: N.T.S. 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 10 of 175

CURVE DATA								
CURVE	BASELINE	DELTA	Dc	RADIUS	TANGENT	LENGTH	CHORD	EXTERNAL
C-01	TUCKERMAN LANE	21°20'03.71" RT.	05°27'24.27"	1,050.00'	197.78'	390.97'	388.72'	18.46'
C-02	TUCKERMAN LANE	13°23'38.49" RT.	01°34'11.09"	3,650.00'	428.58'	853.26'	851.32'	25.08'
C-03	TUCKERMAN LANE	31°13'09.50" LT.	04°05'33.20"	1,400.00'	391.14'	762.83'	753.43'	53.61'

C OF ROADWAY				
POINT DESCR.	STATION	COORDINATES		BEARING
		NORTH	EAST	
TUCKERMAN LANE				
P.O.T.	100+00.00	504,041.7523	1,257,752.3180	
P.C.	112+10.82	503,452.6042	1,259,910.1466	S 60°53'05.2" E
P.I.	114+08.60	503,356.3725	1,260,082.9329	
P.T.	116+01.80	503,203.8739	1,260,208.8686	S 39°33'01.5" E
P.C.	125+75.85	502,452.8202	1,260,829.1002	
P.I.	130+04.43	502,122.3547	1,261,102.0037	S 26°09'23.0" E
P.T.	134+29.11	501,737.6606	1,261,290.9330	
P.C.	136+87.49	501,505.7360	1,261,404.8349	S 57°22'32.5" E
P.I.	140+78.63	501,154.6499	1,261,577.2589	
P.T.	144+50.32	500,943.7746	1,261,906.6874	
P.O.T.	149+00.00	500,701.3402	1,262,285.4175	

CONTROL TRAVERSE				
POINT NO.	COORDINATES		ELEVATION	DESCRIPTION
	NORTH	EAST		
TRAV. PT 10	503,990.6142	1,258,886.9347	415.717	
BENCHMARK A	503,999.1142	1,258,986.2604	417.248	
TRAV. PT 11	503,829.2182	1,259,271.3572	404.432	
TRAV. PT 12	503,666.5315	1,259,559.7348	391.489	
TRAV. PT 13	503,478.0065	1,259,831.0644	378.910	
TRAV. PT 14	503,384.7669	1,260,046.0572	371.461	
TRAV. PT 15	503,058.1262	1,260,248.2208	359.003	
TRAV. PT 16	502,711.8805	1,260,651.6115	348.064	
BENCHMARK WSSC 3546	502,745.0730	1,260,665.1348	348.135	
BENCHMARK B	502,636.1272	1,260,716.1049	350.182	
TRAV. PT 17	502,326.4289	1,260,904.7741	365.515	
TRAV. PT 18	501,996.5755	1,261,197.2876	380.512	
BENCHMARK C	501,625.4240	1,261,378.0056	370.757	
TRAV. PT 19	501,578.6238	1,261,410.1229	368.143	
TRAV. PT 20	501,323.3830	1,261,564.8496	360.071	
TRAV. PT 21	501,009.8011	1,261,686.8789	343.735	
BENCHMARK 3545	501,045.3432	1,261,818.3038	342.512	
TRAV. PT 22	500,695.7562	1,262,257.3660	365.320	
TRAV. PT 101	502,840.7350	1,260,485.2846	351.239	
TRAV. PT 102	500,898.0043	1,262,045.6014	352.810	



35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

PROFESSIONAL CERTIFICATION	
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DATE:	09-17-2021

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET GS-01
GEOMETRY LAYOUT
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1**

SCALE: 1" = 200' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 11 of 175

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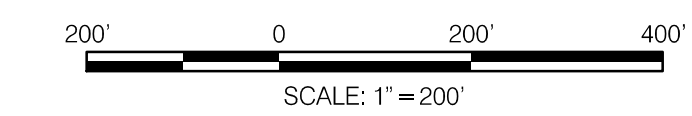
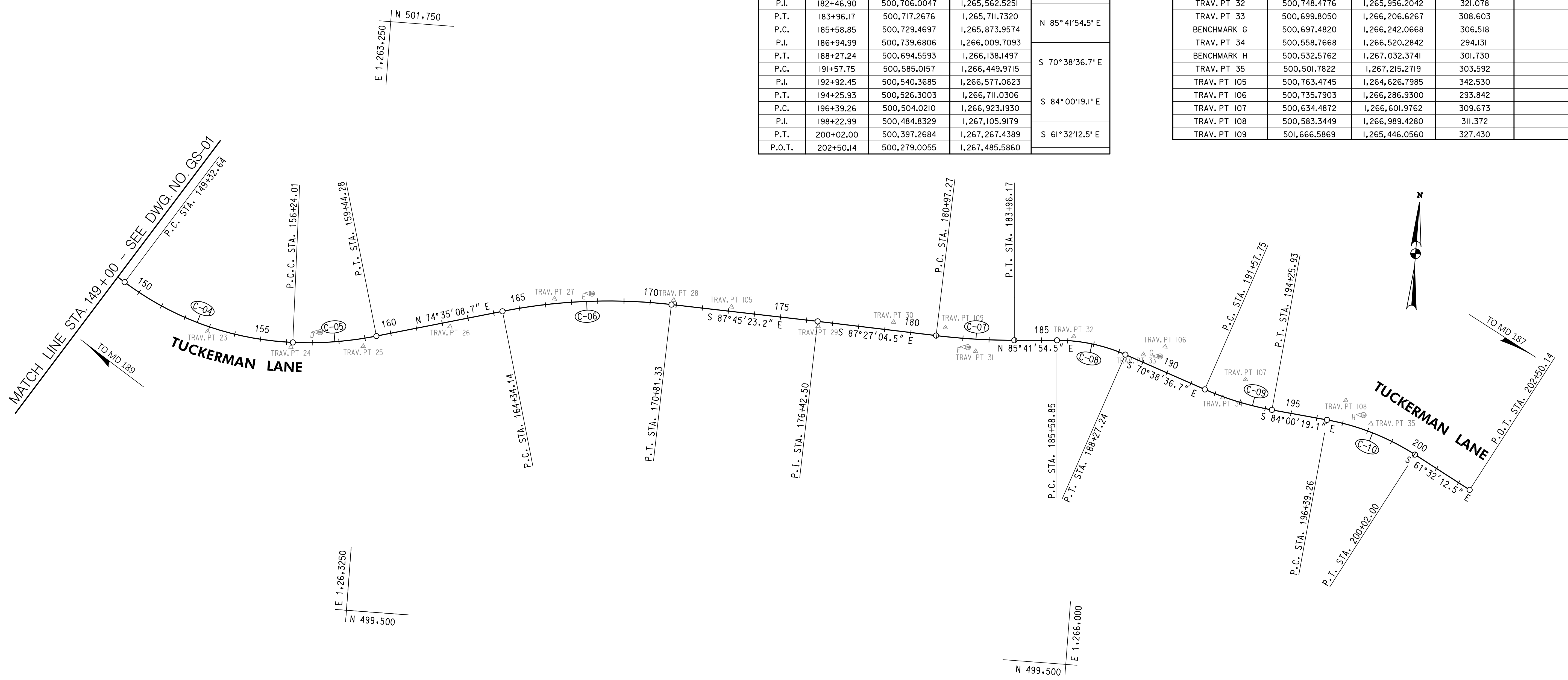
BY: sabbasgholipour -

PLOTTED: 3/8/2023
FILE: M:\PROJ\220015.0001\Highways\Cadd_lpGS-P001_Tuckerman.dgn

CURVE DATA								
CURVE	BASILINE	DELTA	Dc	RADIUS	TANGENT	LENGTH	CHORD	EXTERNAL
C-04	TUCKERMAN LANE	34°26'43.94" LT.	04°58'56.07"	1,150.00'	356.49'	691.37'	681.00'	53.99'
C-05	TUCKERMAN LANE	13°35'34.87" LT.	04°14'38.87"	1,350.00'	160.89'	320.28'	319.53'	9.55'
C-06	TUCKERMAN LANE	17°39'28.15" RT.	02°43'42.13"	2,100.00'	326.18'	647.19'	644.63'	25.18'
C-07	TUCKERMAN LANE	06°51'01.04" LT.	02°17'30.59"	2,500.00'	149.63'	298.90'	298.72'	4.47'
C-08	TUCKERMAN LANE	23°39'28.80" RT.	08°48'53.05"	650.00'	136.14'	268.39'	266.49'	14.10'
C-09	TUCKERMAN LANE	13°21'42.36" LT.	04°58'56.07"	1,150.00'	134.71'	268.19'	267.58'	7.86'
C-10	TUCKERMAN LANE	22°28'06.59" RT.	06°11'38.90"	925.00'	183.73'	362.74'	360.42'	18.07'

C OF ROADWAY				
POINT DESCR.	STATION	COORDINATES		BEARING
		NORTH	EAST	
TUCKERMAN LANE				
P.O.T.	149+00.00	500,701.3402	1,262,285.4175	
P.C.	149+32.64	500,683.7432	1,26,312.9074	S 57°22'32.5" E
P.I.	152+89.31	500,491.5519	1,262,613.1479	
P.C.C.	156+24.01	500,502.8815	1,262,969.4531	N 88°10'43.6" E
P.I.	157+84.90	500,507.9949	1,263,130.2662	
P.T.	159+44.28	500,550.7600	1,263,285.3731	N 74°35'08.7" E
P.C.	164+34.14	500,680.9616	1,263,757.6083	
P.I.	167+60.32	500,767.6596	1,264,072.0576	
P.T.	170+81.33	500,754.8903	1,264,397.9899	S 87°45'23.2" E
P.I.	176+42.50	500,732.9219	1,264,958.7275	
P.C.	180+97.27	500,712.6986	1,265,413.0448	S 87°27'04.5" E
P.I.	182+46.90	500,706.0047	1,265,562.5251	
P.T.	183+96.17	500,717.2676	1,265,711.7320	N 85°41'54.5" E
P.C.	185+58.85	500,729.4697	1,265,873.9574	
P.I.	186+94.99	500,739.6806	1,266,009.7093	
P.T.	188+27.24	500,694.5593	1,266,138.1497	S 70°38'36.7" E
P.C.	191+57.75	500,585.0157	1,266,449.9715	
P.I.	192+92.45	500,540.3685	1,266,577.0623	
P.T.	194+25.93	500,526.3003	1,266,711.0306	S 84°00'19.1" E
P.C.	196+39.26	500,504.0210	1,266,923.1930	
P.I.	198+22.99	500,484.8329	1,267,105.9179	
P.T.	200+02.00	500,397.2684	1,267,267.4389	S 61°32'12.5" E
P.O.T.	202+50.14	500,279.0055	1,267,485.5860	

CONTROL TRAVERSE				
POINT NO.	COORDINATES		ELEVATION	DESCRIPTION
	NORTH	EAST		
TRAV. PT 23	500,519.6896	1,262,641.9539	372.820	
TRAV. PT 24	500,484.6033	1,262,963.7327	388.357	
BENCHMARK D	500,549.3881	1,263,041.9250	392.751	
TRAV. PT 25	500,508.1912	1,263,238.4195	395.208	
TRAV. PT 26	504,689.5729	1,263,562.8355	383.682	
TRAV. PT 27	500,743.2273	1,263,951.8032	368.710	
BENCHMARK E	500,773.5830	1,264,178.0826	366.075	
TRAV. PT 28	500,772.5341	1,264,434.9087	350.124	
TRAV. PT 29	500,714.0141	1,264,962.1029	338.682	
TRAV. PT 30	500,751.8420	1,265,247.3905	335.047	
BENCHMARK F	500,677.6831	1,265,508.5690	327.014	
TRAV. PT 31	500,664.1388	1,265,567.6509	324.860	
TRAV. PT 32	500,748.4776	1,265,956.2042	321.078	
TRAV. PT 33	500,699.8050	1,266,206.6267	308.603	
BENCHMARK G	500,697.4820	1,266,242.0668	306.518	
TRAV. PT 34	500,558.7668	1,266,520.2842	294.131	
BENCHMARK H	500,532.5762	1,267,032.3741	301.730	
TRAV. PT 35	500,501.7822	1,267,215.2719	303.592	
TRAV. PT 105	500,763.4745	1,264,626.7985	342.530	
TRAV. PT 106	500,735.7903	1,266,286.9300	293.842	
TRAV. PT 107	500,634.4872	1,266,601.9762	309.673	
TRAV. PT 108	500,583.3449	1,266,989.4280	311.372	
TRAV. PT 109	501,666.5869	1,265,446.0560	327.430	



35% SUBMITTAL

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NAVD 88 VERTICAL

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MARK J. BODMANN MD NO-31487 EXP-03/18/2023

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
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100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET GS-02
GEOMETRY LAYOUT
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1**

SCALE: 1" = 200' 10/2021

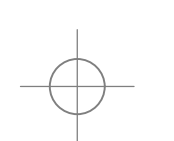
Project No.: C.I.P. PR. # 509337 SHEET 12 of 175

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PLOTTED: 3/8/2023
FILE: M:\PROJECTS\20015\0001\Highways\Cadd_lpGS-P002_Tuckerman.dgn

P/C - TUCKERMAN LANE			
PLAN SHEET	STATION	OFFSET	ELEVATION
PS-01	101+40.00	5.50' RT.	XXX.XX
PS-02	108+00.00	5.50' RT.	XXX.XX
PS-02	109+57.00	2.17' LT.	XXX.XX
PS-02	112+10.82	2.17' LT.	XXX.XX
PS-03	115+70.83	5.50' RT.	XXX.XX
PS-03	116+75.00	5.50' RT.	XXX.XX
PS-03	118+32.00	2.17' LT.	XXX.XX
PS-04	121+25.00	2.17' LT.	XXX.XX
PS-04	122+82.00	5.50' RT.	XXX.XX
PS-05	130+41.24	5.50' RT.	XXX.XX
PS-05	131+62.13	3.50' RT.	XXX.XX
PS-06	135+50.00	3.50' RT.	XXX.XX
PS-06	136+75.00	4.50' RT.	XXX.XX
PS-08	155+13.41	4.50' RT.	XXX.XX
PS-09	157+09.95	4.02' RT.	XXX.XX
PS-09	158+85.58	0.12' RT.	XXX.XX
PS-10	164+55.40	4.50' RT.	XXX.XX
PS-11	175+74.77	4.50' RT.	XXX.XX
PS-12	176+99.73	0.50' RT.	XXX.XX
PS-12	180+97.27	0.50' RT.	XXX.XX
PS-13	184+29.46	4.50' RT.	XXX.XX
PS-13	185+57.89	4.50' RT.	XXX.XX
PS-13	188+20.08	0.59' RT.	XXX.XX
PS-13	188+91.66	2.38' LT.	XXX.XX
PS-13	189+50.80	3.12' LT.	XXX.XX
PS-14	190+97.48	0.61' LT.	XXX.XX
PS-14	192+04.65	4.96' RT.	XXX.XX

POINT OF CROWN TABLE
 STATION, OFFSET AND
 CONSTRUCTION



BY: sabbasgholipour -

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Chief, Division of Engineering Services _____ Date _____

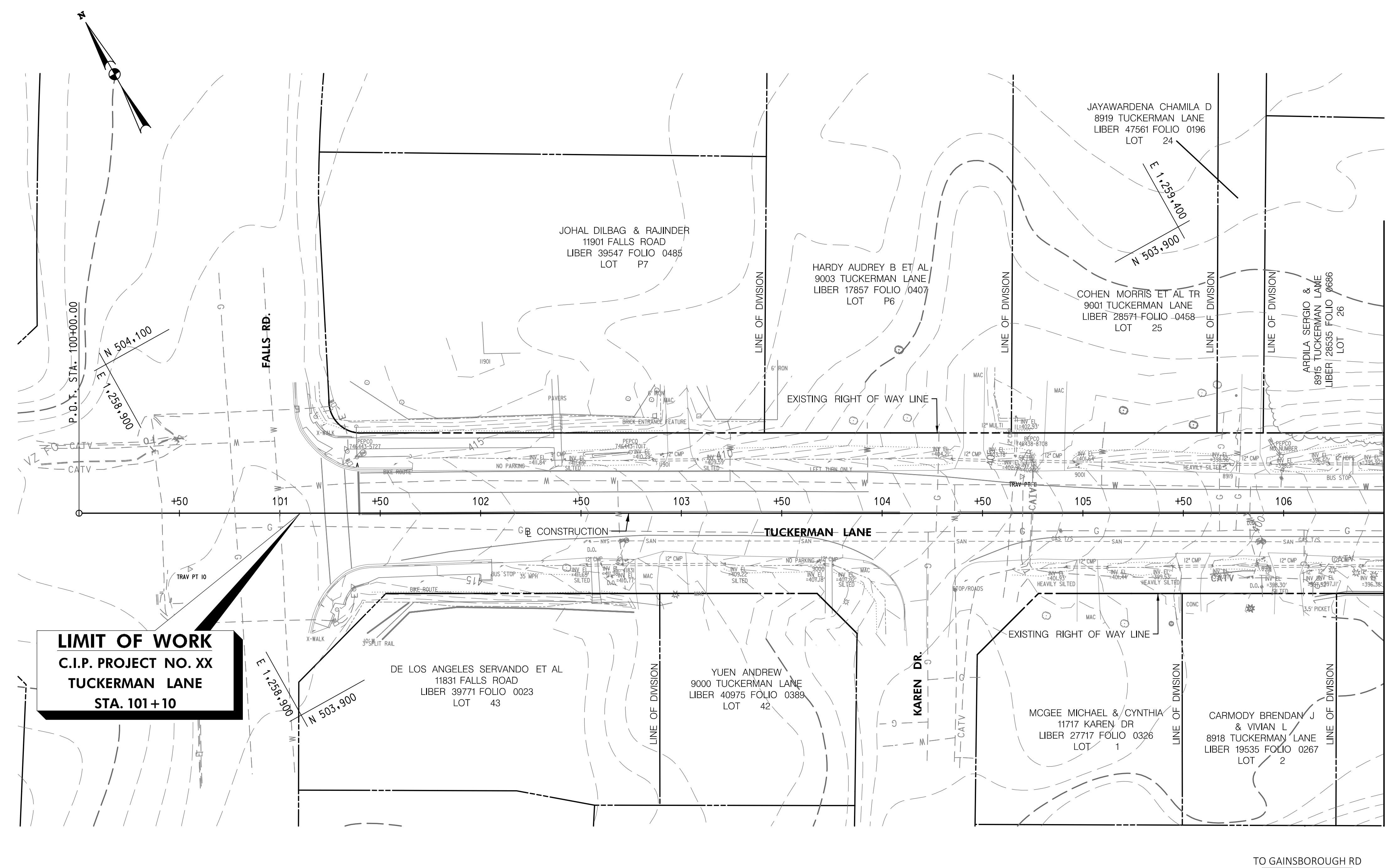
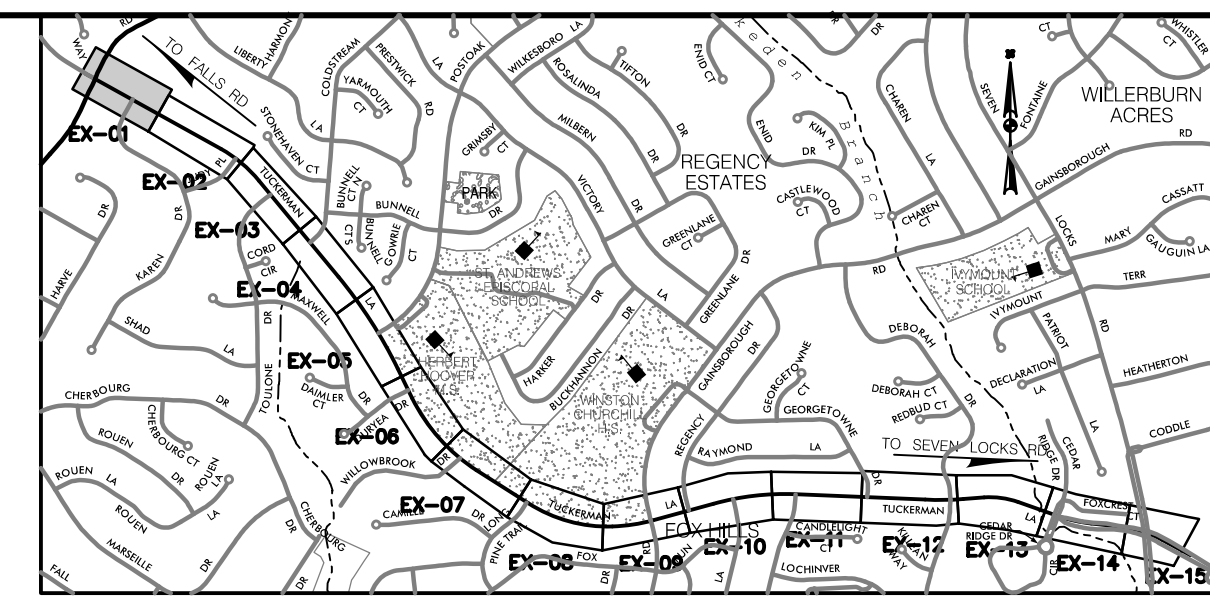
Designed by : S.A.T. Drawn by : S.A.T. Checked by : M.J.B.

TAX MAPS: HQ31, HQ32, QQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET PC-01
POINT OF CROWN TABLE
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1

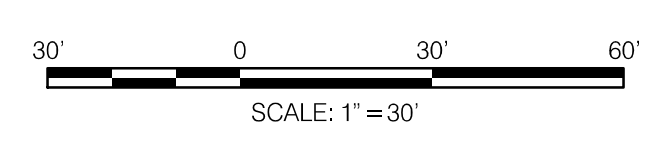
SCALE : N.T.S. 10/2021

Project No. : C.I.P. PR. # 509337 SHEET 13 of 175



MATCH LINE STA. 106+50 - SEE DWG. NO. EX-02

- GENERAL NOTES:**
1. TOPOGRAPHIC SURVEY WAS COMPLETED BY WILSON T. BALLARD IN SEPTEMBER 2019, WITH SUPPLEMENTAL SURVEYS COMPLETED BY WALLACE MONTGOMERY IN JUNE 2021.
 2. EXISTING UTILITIES WERE LOCATED BY MISS UTILITY IN JULY 2020 AND MARKINGS WERE SURVEYED BY CV IN JULY 2020.
 3. SEE ABBREVIATIONS AND GENERAL NOTES SHEET FOR LEGEND OF EXISTING FEATURES.



PROFESSIONAL CERTIFICATION
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 MARK J. BODMANN MD NO-31487 EXP-03/18/2023

DATE : 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
 NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 100 EDISON PARK DRIVE, 4TH FLOOR
 GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

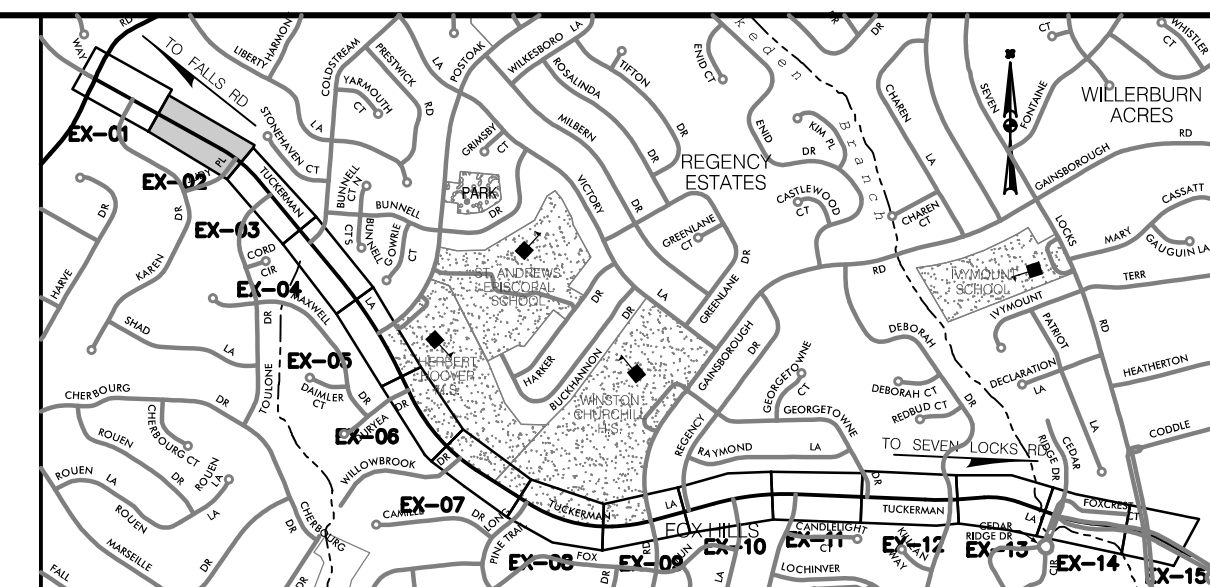
PLAN SHEET EX-01
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 100+00 TO STA. 106+50

SCALE: 1"=30' 10/2021

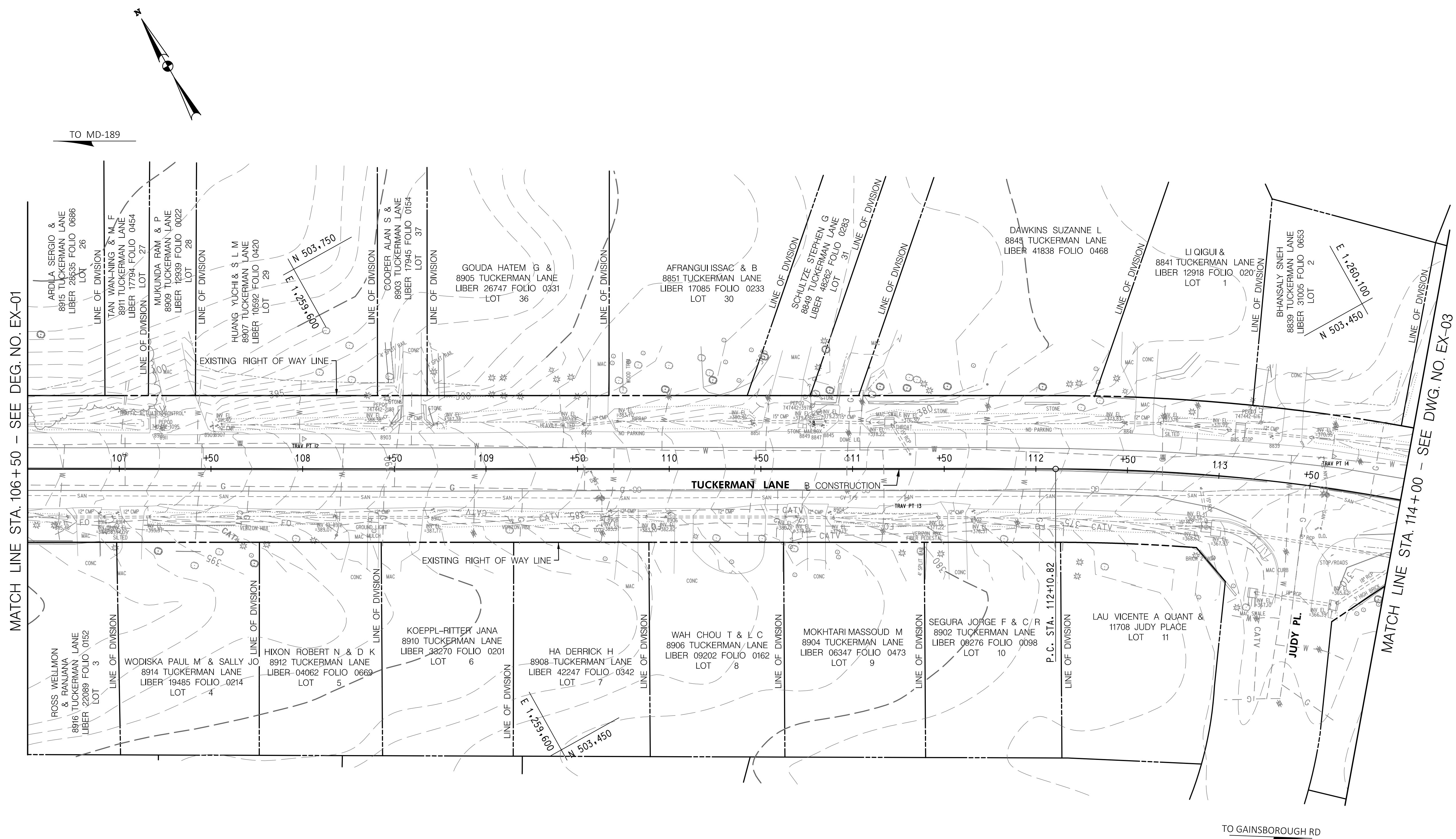
Project No.: C.I.P. PR. # 509337 SHEET 14 of 175

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 10150 York Road, Suite 200
 Hunt Valley, Maryland 21030
 410.434.9093 Tel / 410.667.0925 Fax
 www.WallaceMontgomery.com A Limited Liability Partnership

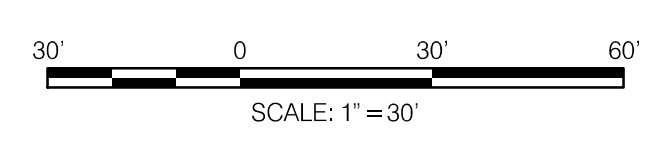
BY: sabbasgholipour



LOCATION MAP
SCALE: 1"=1500'



- GENERAL NOTES:**
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MARK J. BODMANN MD NO-31487 EXP-03/18/2023

DATE :	09-17-2021
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REVISION	
DATE	
BY	

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by : S.A.T. Drawn by : S.A.T. Checked by : M.J.B.

TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

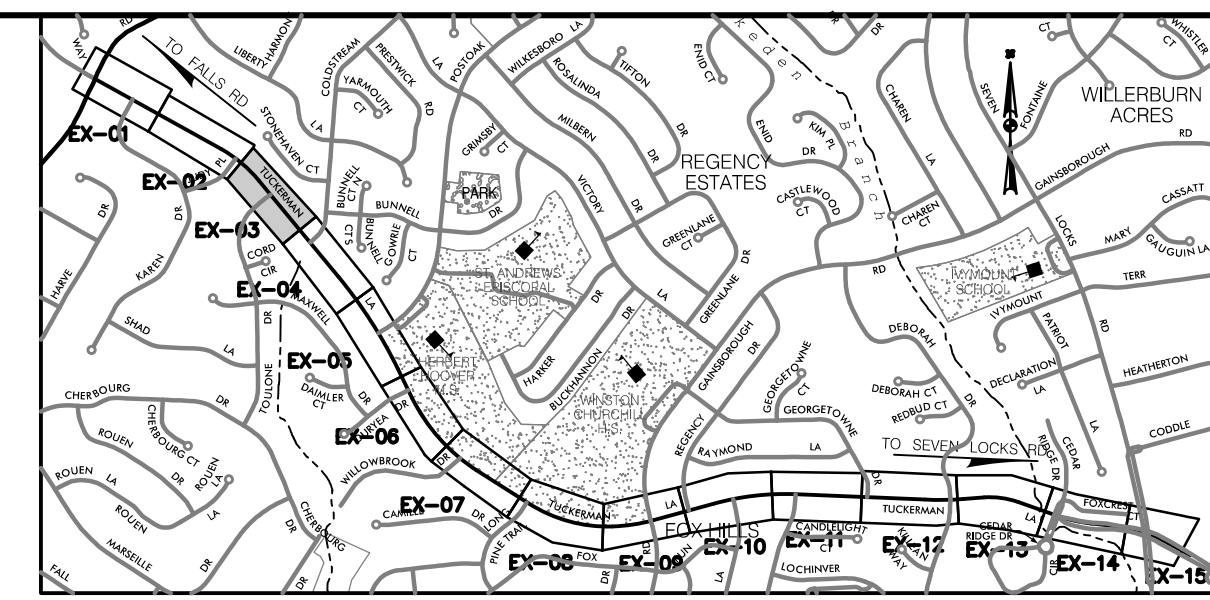
PLAN SHEET EX-02
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 106+50 TO STA. 114+00

SCALE: 1"=30' 10/2021

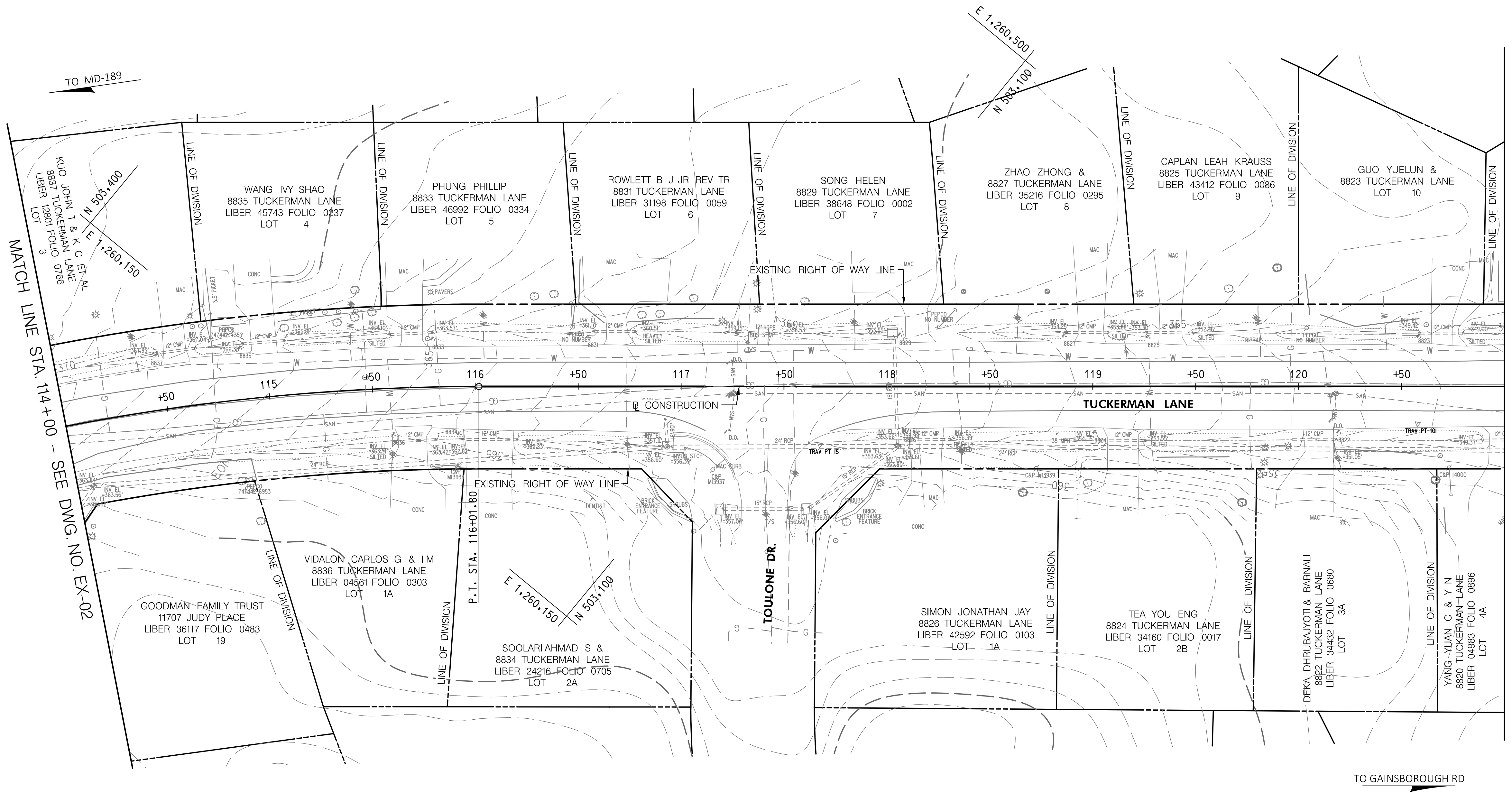
Project No. : C.I.P. PR. # 509337 SHEET 15 of 175

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10150 York Road, Suite 200
Hunt Valley, Maryland 21030
410.434.3033 Tel / 410.687.0925 Fax
www.WallaceMontgomery.com A Limited Liability Partnership

BY: sabbasgholipour



LOCATION MAP
SCALE 1"=1500'

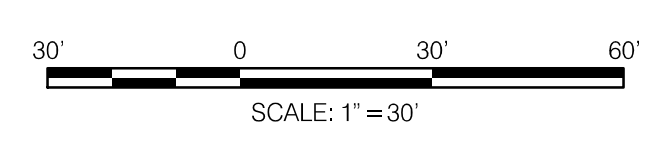


TO MD-189
MATCH LINE STA. 114+00 - SEE DWG. NO. EX-02

MATCH LINE STA. 121+00 - SEE DWG. NO. EX-04

TO GAINSBOROUGH RD

- GENERAL NOTES:
1. TOPOGRAPHIC SURVEY WAS COMPLETED BY WILSON T. BALLARD IN SEPTEMBER 2019, WITH SUPPLEMENTAL SURVEYS COMPLETED BY WALLACE MONTGOMERY IN JUNE 2021.
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MARK J. BODMANN MD NO-31487 EXP-03/18/2023

DATE: 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

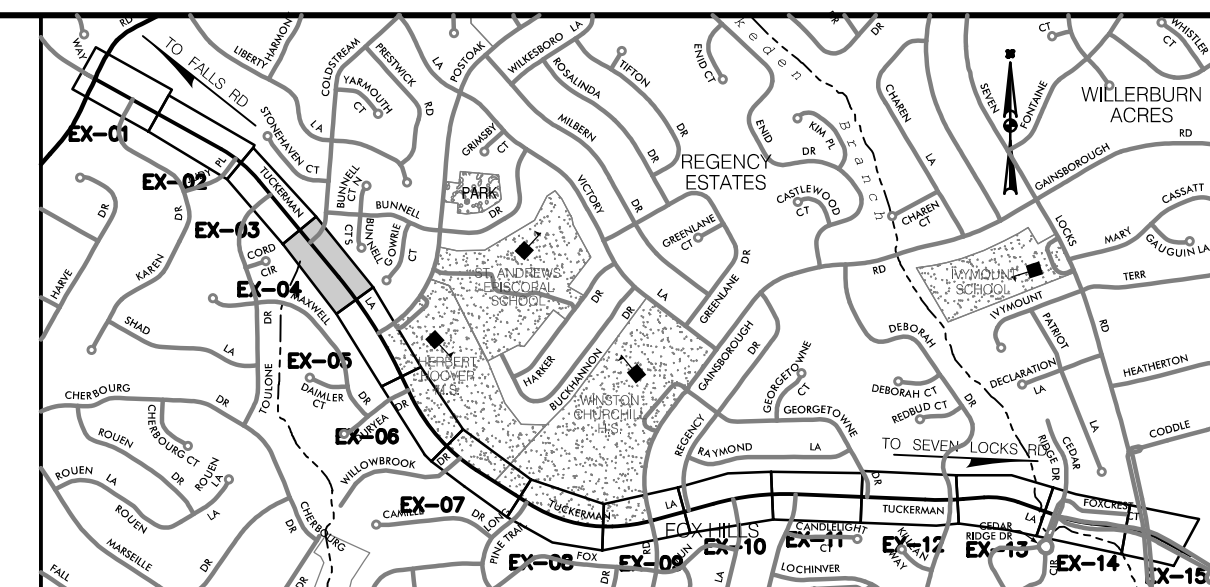
PLAN SHEET EX-03
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 114+00 TO STA. 121+00

SCALE: 1"=30' 10/2021

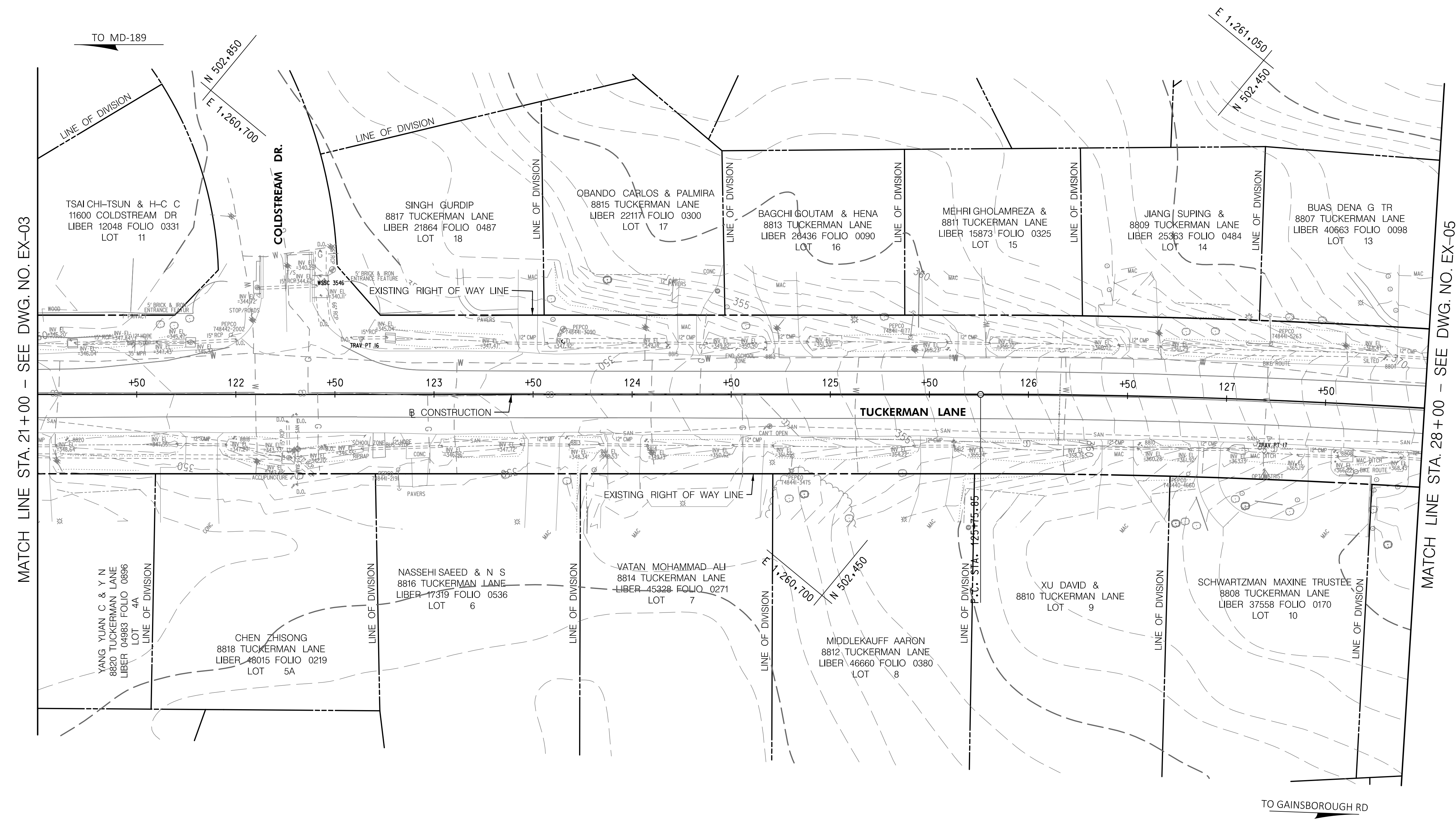
Project No.: C.I.P. PR. # 509337 SHEET 16 of 175

WALLACE MONTGOMERY
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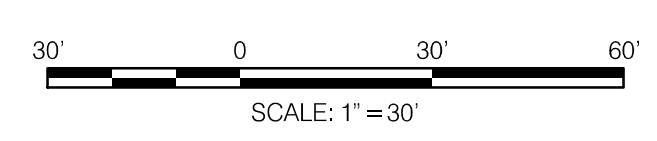
BY: sabbasgholipour



LOCATION MAP
SCALE 1"=1500'



- GENERAL NOTES:
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DATE: 09-17-2021

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DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

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MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

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APPROVED

Chief, Division of Engineering Services _____ Date _____

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TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

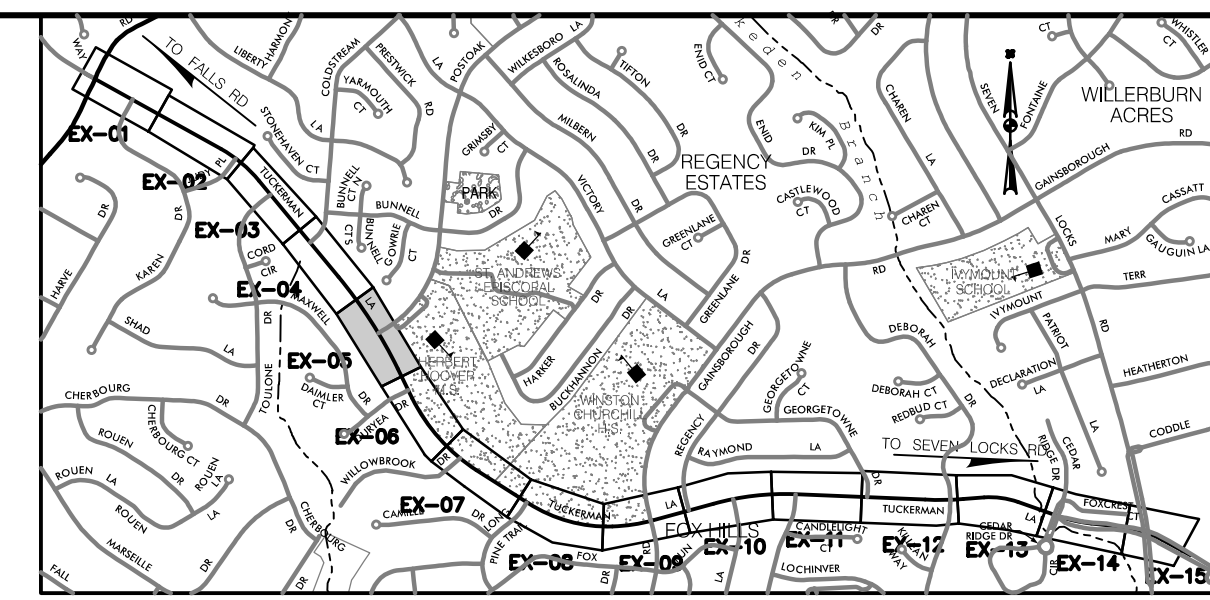
PLAN SHEET EX-04
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 121+00 TO STA. 128+00

SCALE: 1"=30' 10/2021

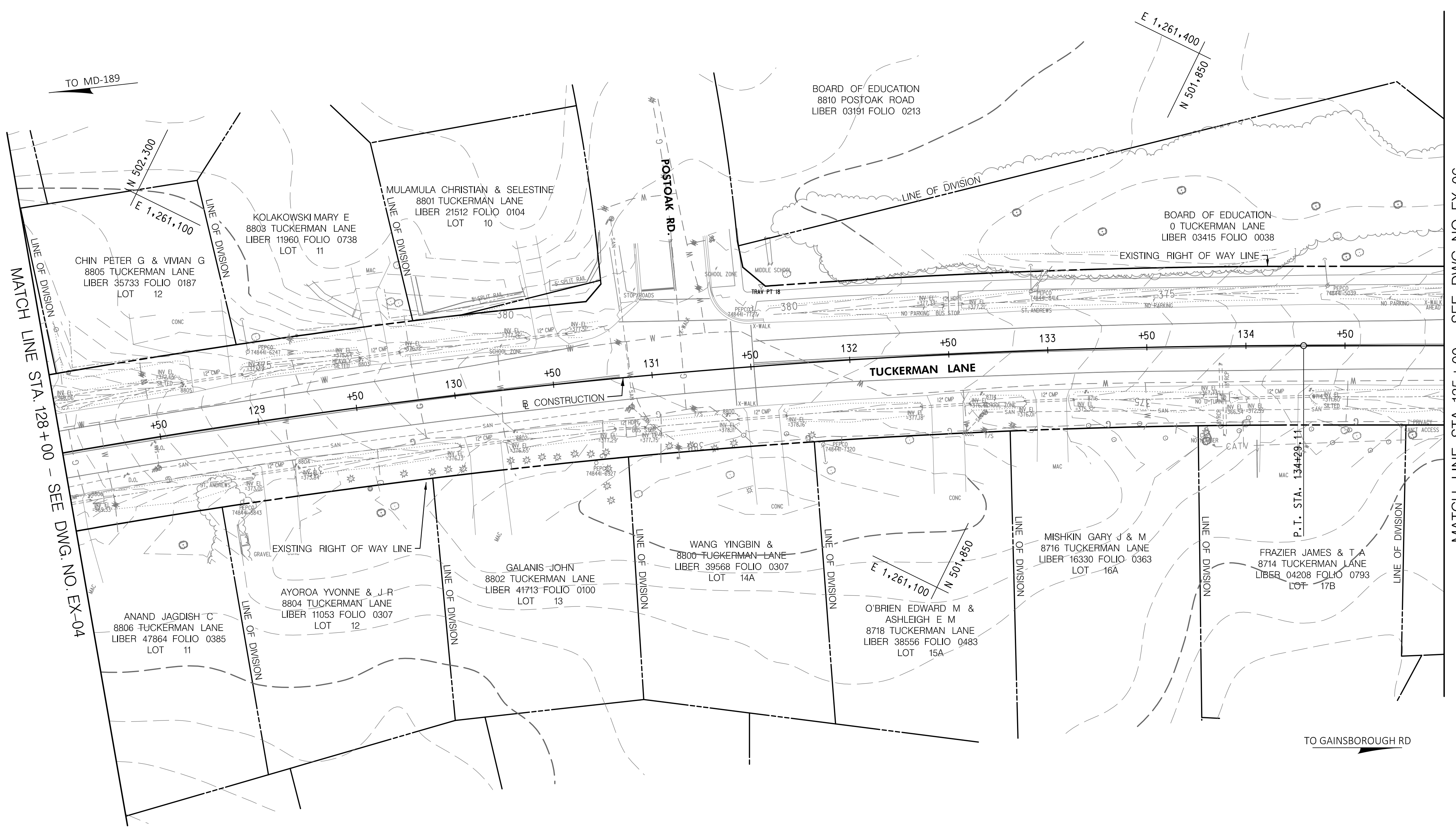
Project No.: C.I.P. PR. # 509337 SHEET 17 of 175

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BY: sabbasgholipour



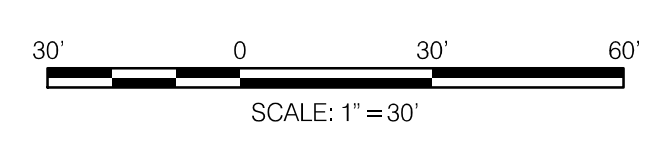
LOCATION MAP
SCALE 1"=1500'



TO MD-189

TO GAINSBOROUGH RD

- GENERAL NOTES:**
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DATE: 09-17-2021

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DATUM: NAD 83/91 HORIZONTAL
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NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

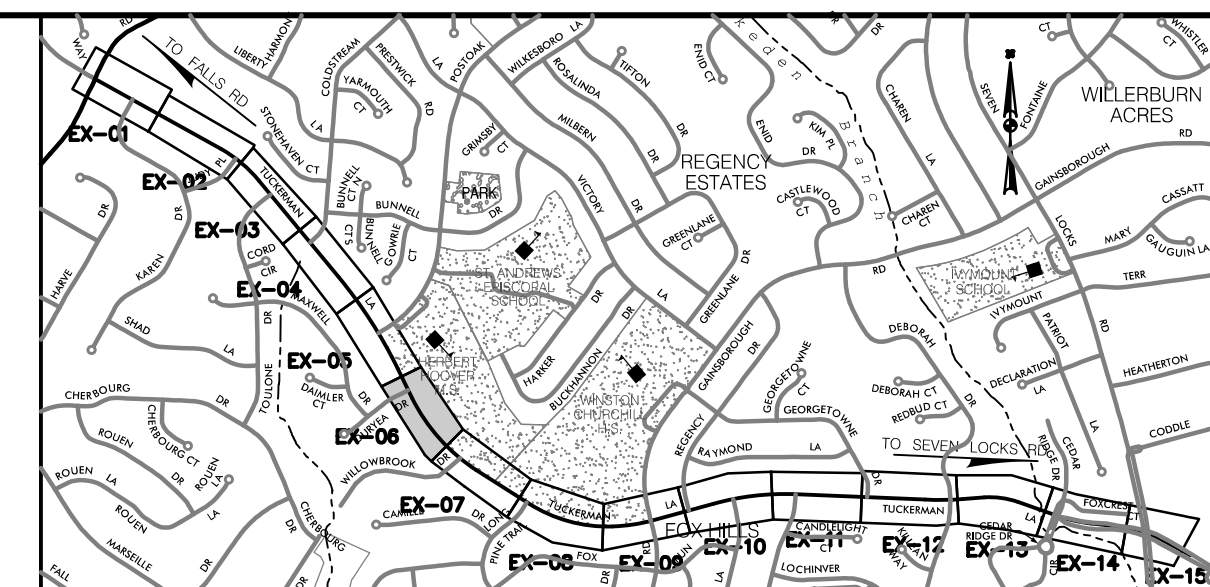
TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET EX-05
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 128+00 TO STA. 135+00**

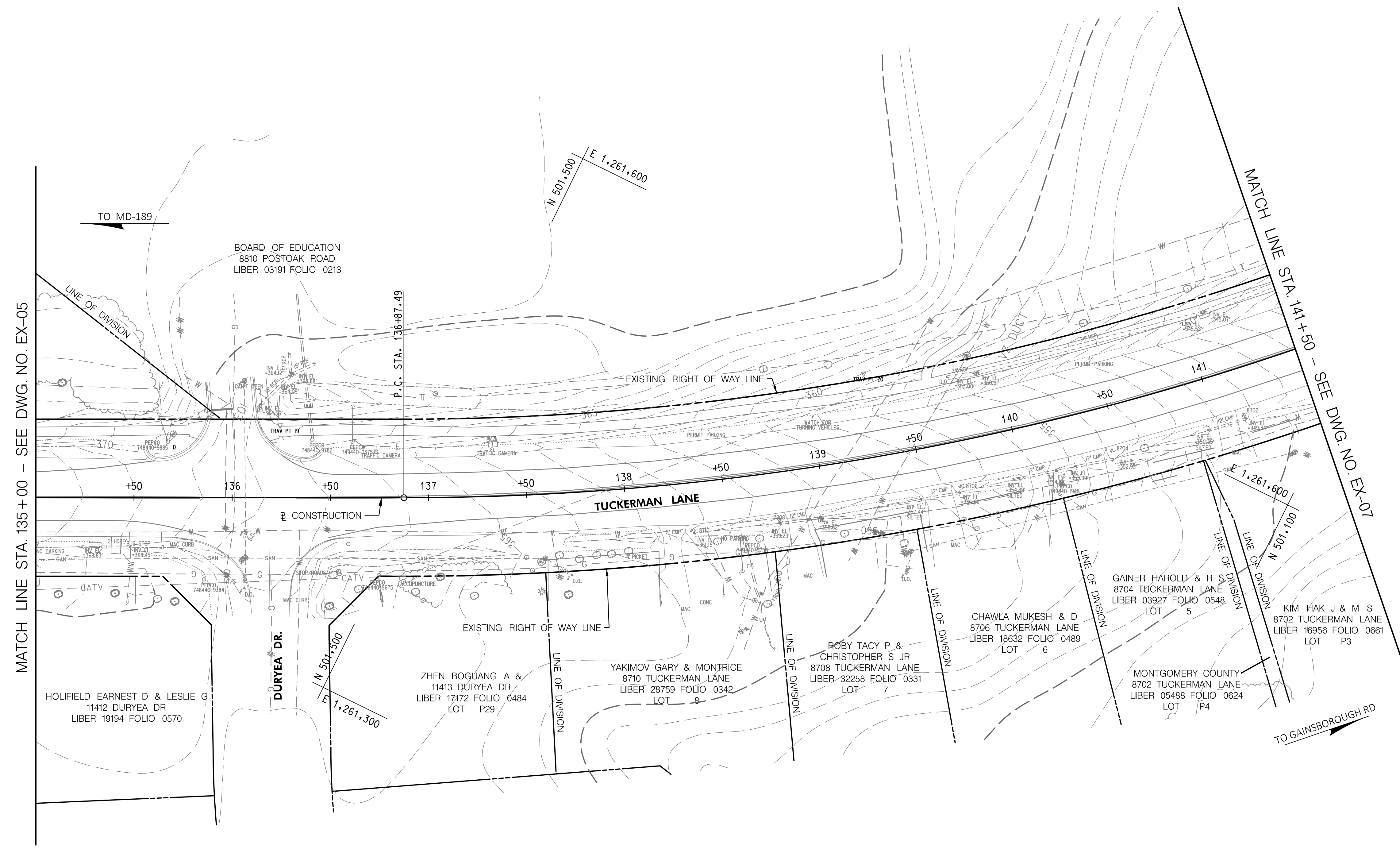
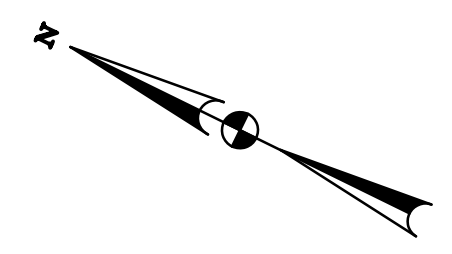
SCALE: 1"=30' 10/2021
Project No.: C.I.P. PR. # 509337 SHEET 18 of 175

WALLACE MONTGOMERY
ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS
10150 York Road, Suite 200
Hunt Valley, Maryland 21030
410.434.9093 Tel / 410.667.0925 Fax
www.WallaceMontgomery.com A Limited Liability Partnership

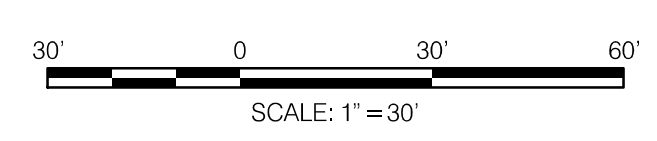
PLOTTED: 3/8/2023
FILE: M:\PROJ\220015.0001\Highways\Cadd_lp\EX-E005_Tuckerman.dgn



LOCATION MAP
SCALE 1"=1500'



- GENERAL NOTES:**
1. TOPOGRAPHIC SURVEY WAS COMPLETED BY WILSON T. BALLARD IN SEPTEMBER 2019, WITH SUPPLEMENTAL SURVEYS COMPLETED BY WALLACE MONTGOMERY IN JUNE 2021.
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MARK J. BODMANN MD NO-31487 EXP-03/18/2023

SEAL
DATE: 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by : S.A.T. Drawn by : S.A.T. Checked by : M.J.B.

TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

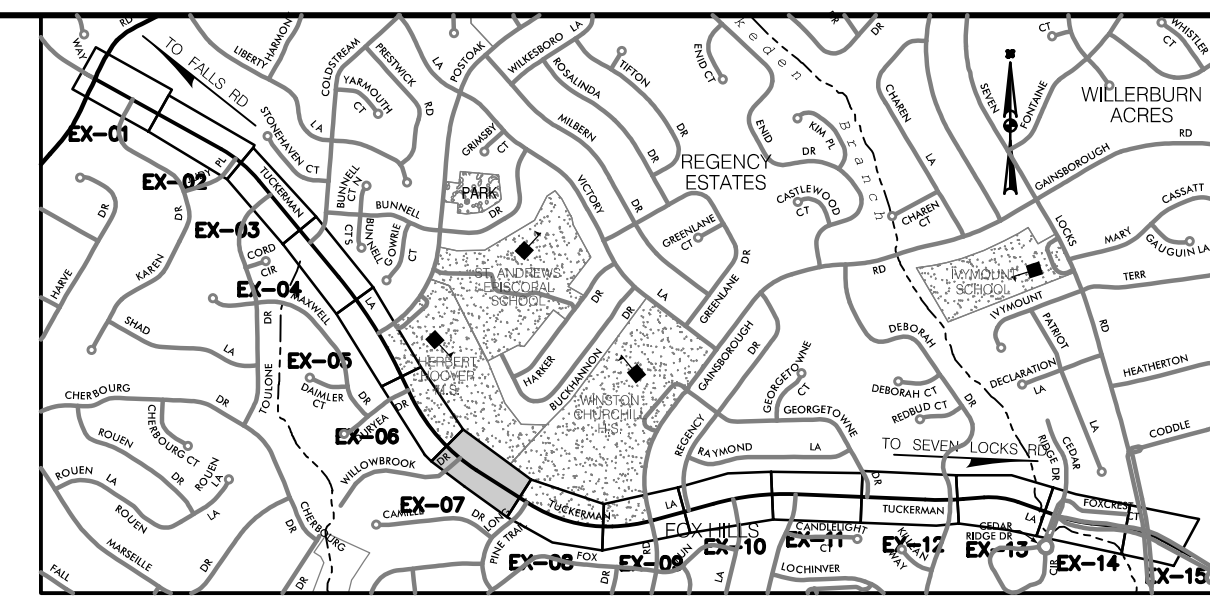
PLAN SHEET EX-06
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 135+00 TO STA. 141+50

SCALE: 1"=30' 10/2021

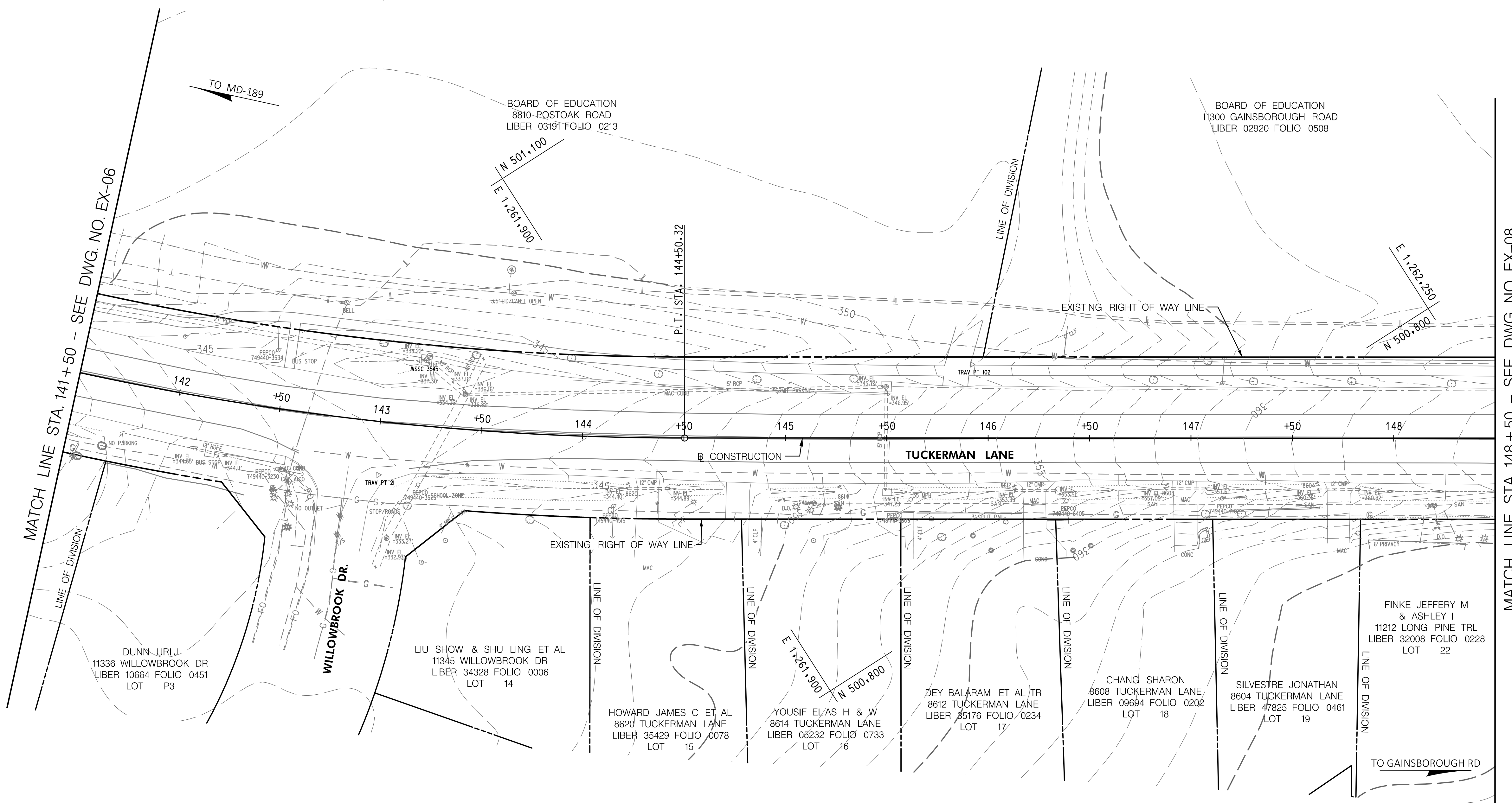
Project No. : C.I.P. PR. # 509337 SHEET 19 of 175

WALLACE MONTGOMERY
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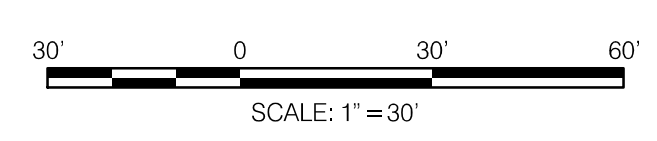
BY: sabbasgholipour



LOCATION MAP
SCALE 1"=1500'



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DATE : 09-17-2021

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Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by : S.A.T. Drawn by : S.A.T. Checked by : M.J.B.

TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

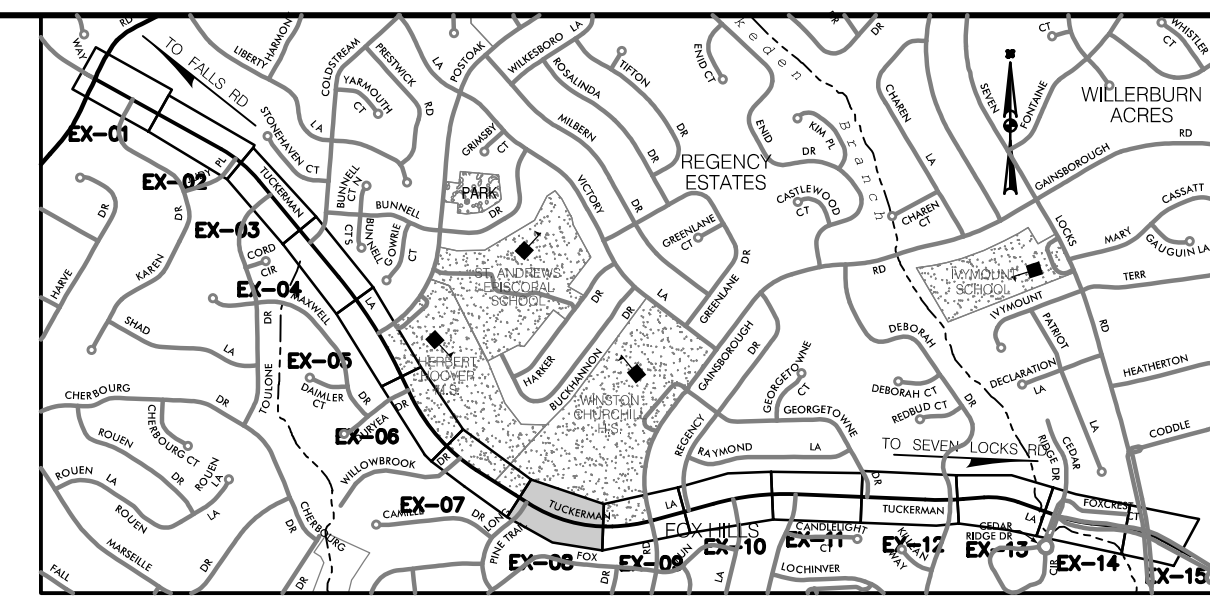
PLAN SHEET EX-07
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 141+50 TO STA. 148+50

SCALE: 1"=30' 10/2021

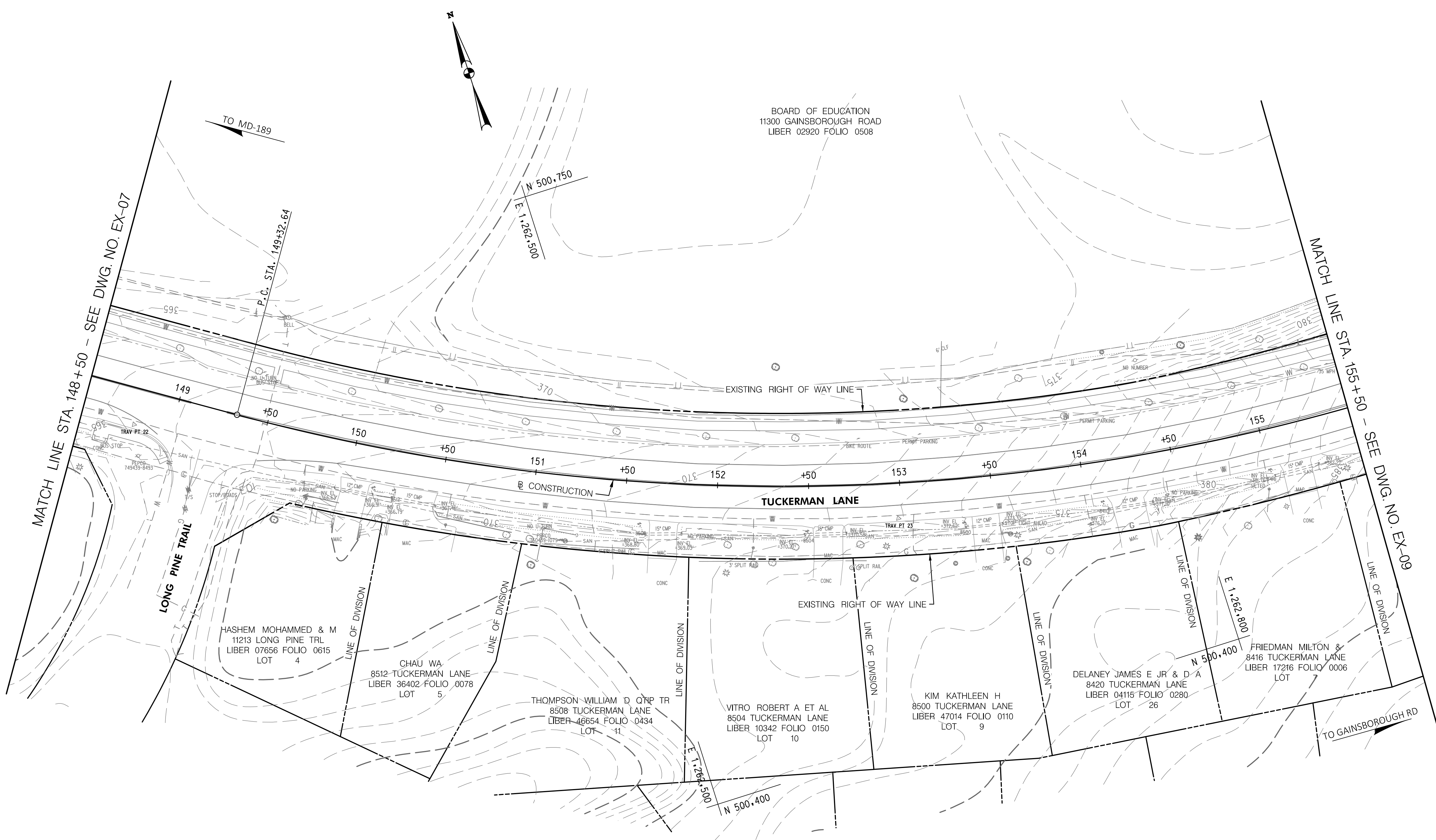
Project No. : C.I.P. PR. # 509337 SHEET 20 of 175

WALLACE MONTGOMERY
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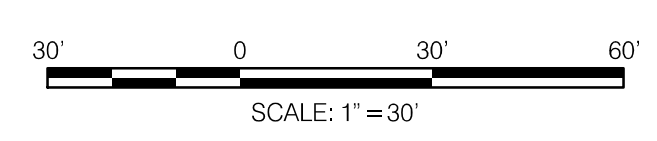
BY: sabbasgholipour



LOCATION MAP
SCALE 1"=1500'



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MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

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Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

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TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

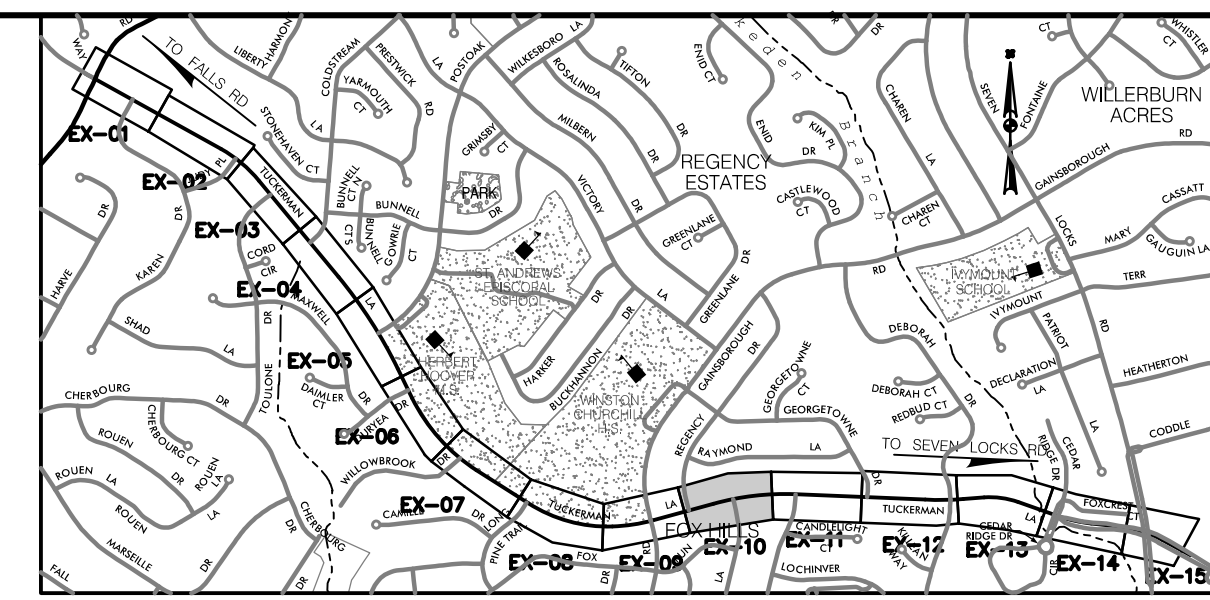
PLAN SHEET EX-08
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 148+50 TO STA. 155+50

SCALE: 1"=30' 10/2021

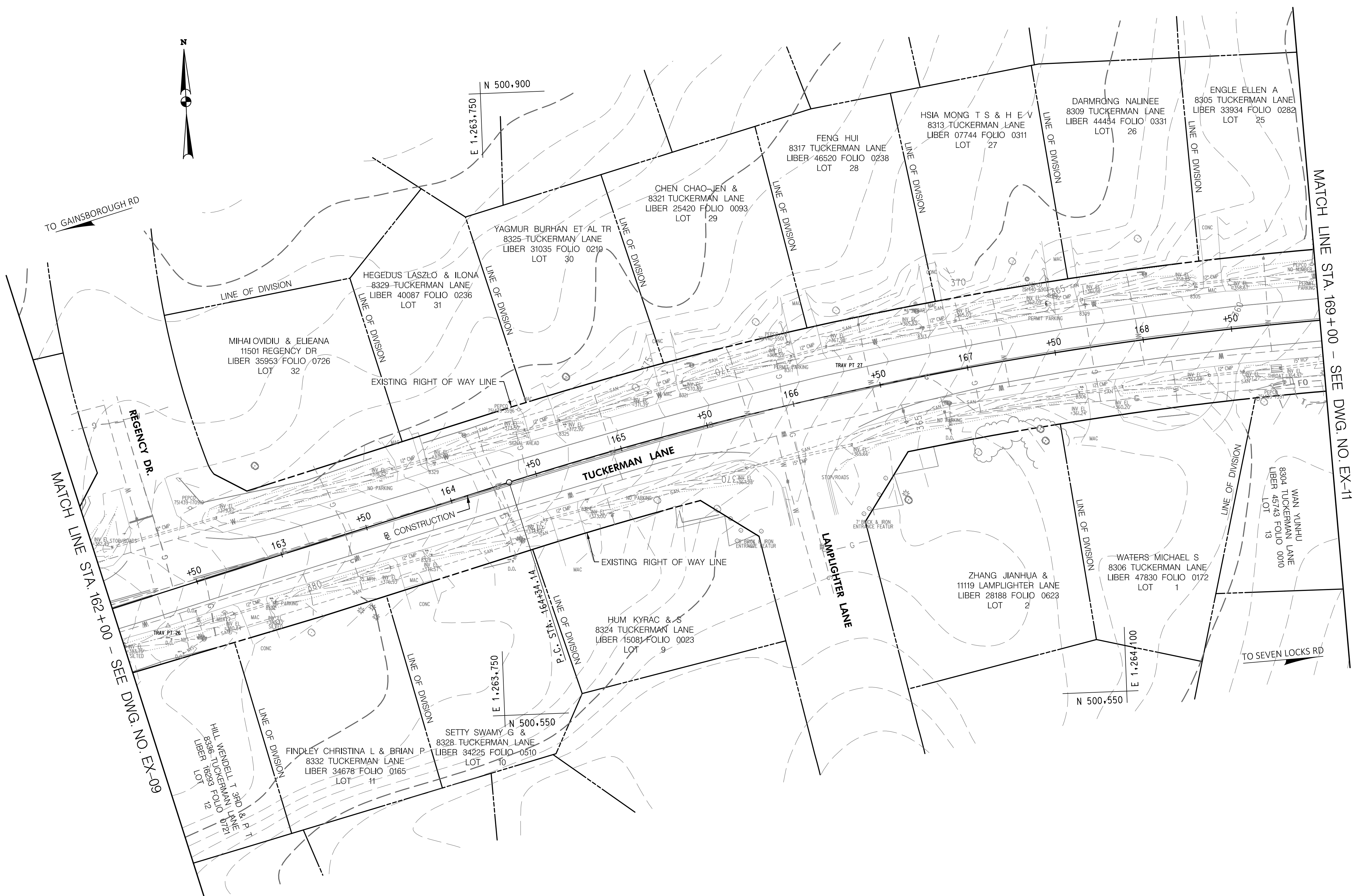
Project No. : C.I.P. PR. # 509337 SHEET 21 of 175

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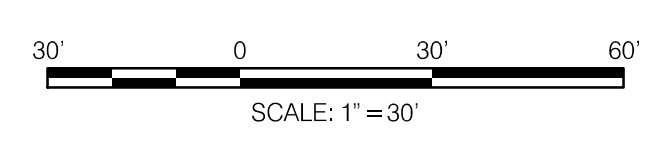
BY: sabbasgholipour



LOCATION MAP
SCALE 1"=1500'



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TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

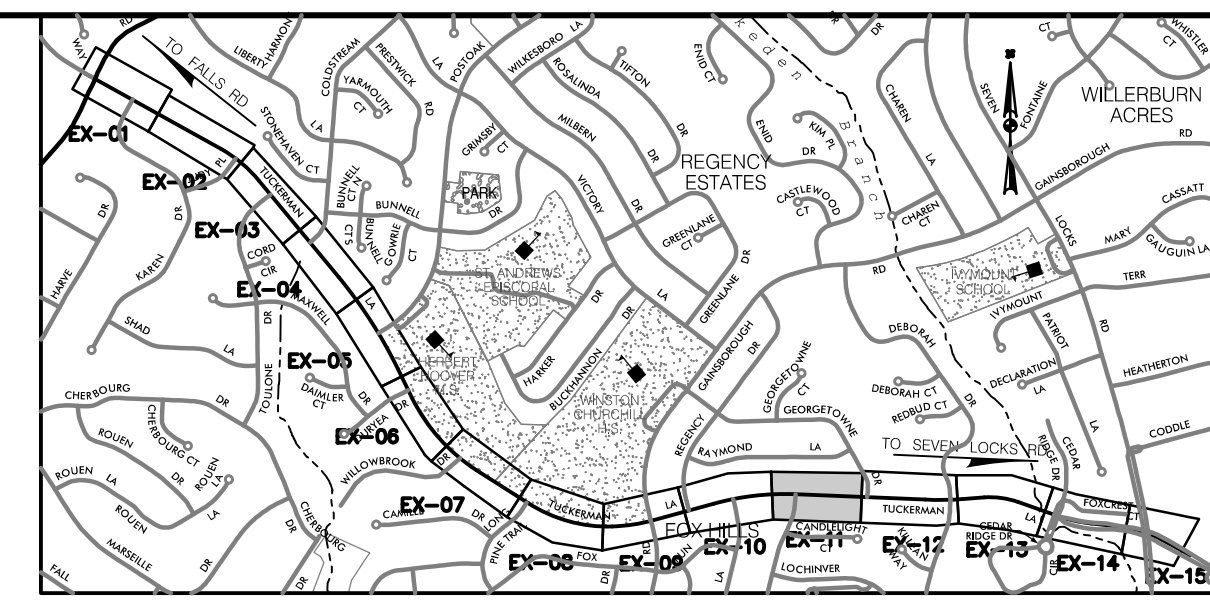
PLAN SHEET EX-10
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 162+00 TO STA. 169+00

SCALE: 1"=30' 10/2021

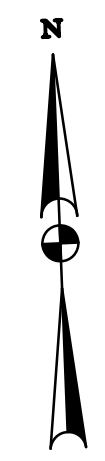
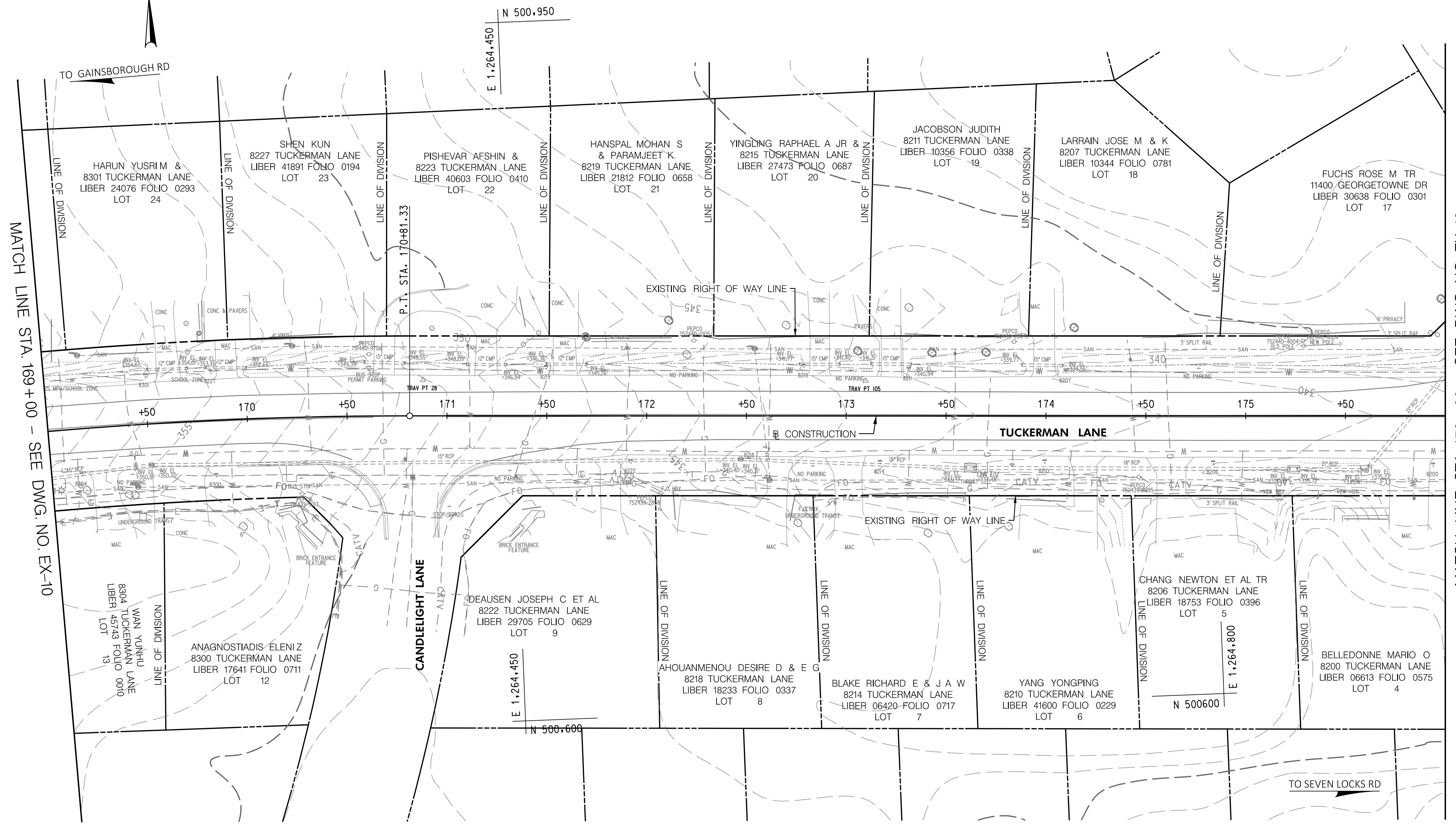
Project No.: C.I.P. PR. # 509337 SHEET 23 of 175

WALLACE MONTGOMERY
ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS
10150 York Road, Suite 200
Hunt Valley, Maryland 21030
410.434.9093 Tel / 410.667.0925 Fax
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BY: sabbasgholipour



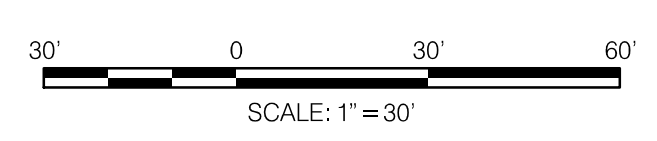
LOCATION MAP
SCALE 1"=1500'



MATCH LINE STA. 169+00 - SEE DWG. NO. EX-10

MATCH LINE STA. 176+00 - SEE DWG. NO. EX-13

- GENERAL NOTES:**
1. TOPOGRAPHIC SURVEY WAS COMPLETED BY WILSON T. BALLARD IN SEPTEMBER 2019, WITH SUPPLEMENTAL SURVEYS COMPLETED BY WALLACE MONTGOMERY IN JUNE 2021.
 2. EXISTING UTILITIES WERE LOCATED BY MISS UTILITY IN JULY 2020 AND MARKINGS WERE SURVEYED BY CV IN JULY 2020.
 3. SEE ABBREVIATIONS AND GENERAL NOTES SHEET FOR LEGEND OF EXISTING FEATURES.



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.
MARK J. BODMANN MD NO-31487 EXP-03/18/2023

DATE: 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

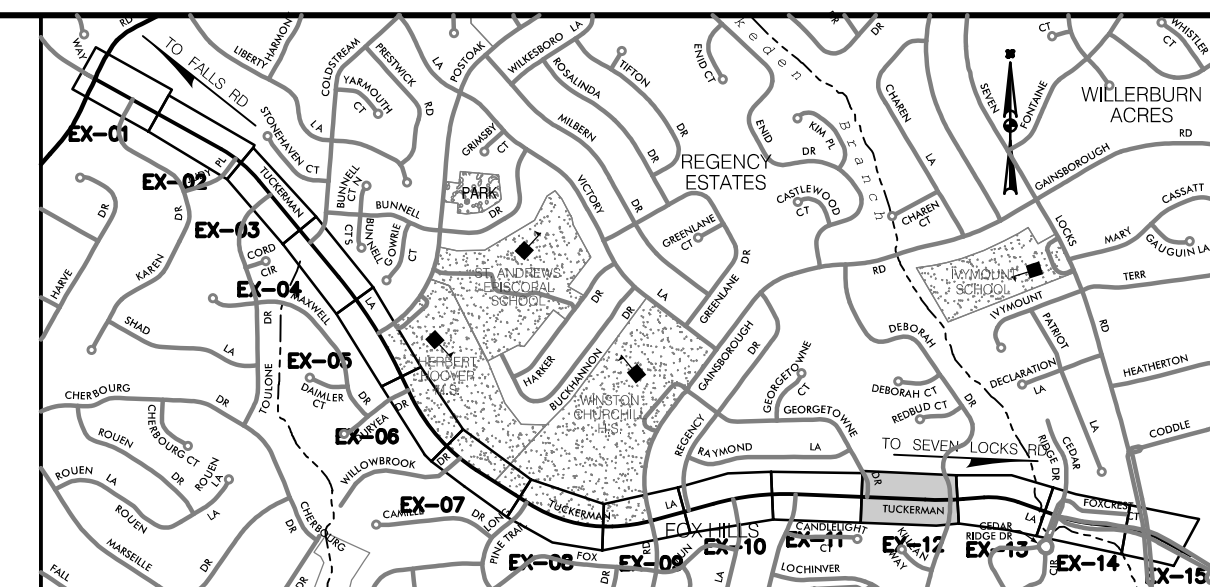
TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET EX-11
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 169+00 TO STA. 176+00

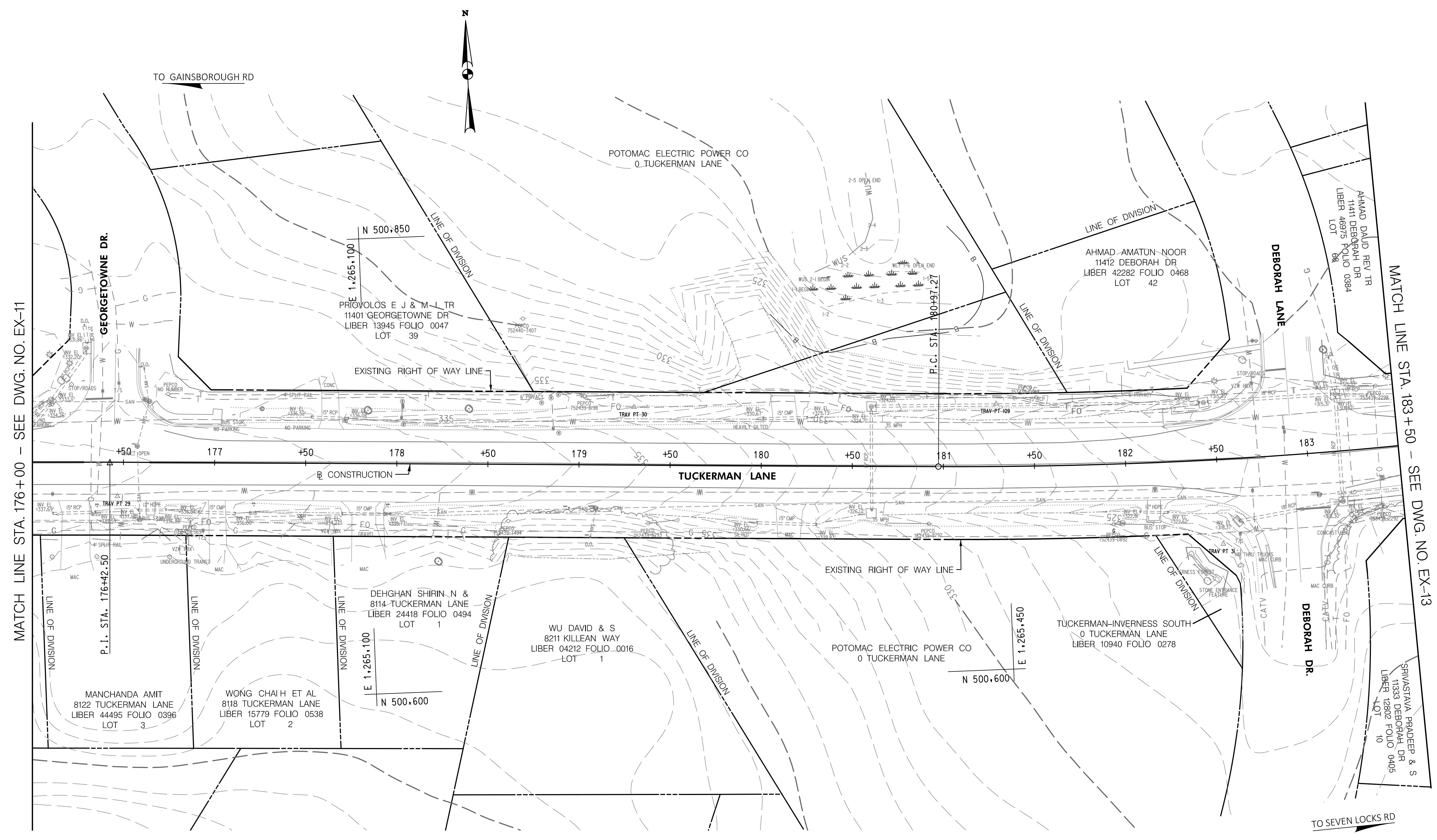
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 24 of 175

WALLACE MONTGOMERY
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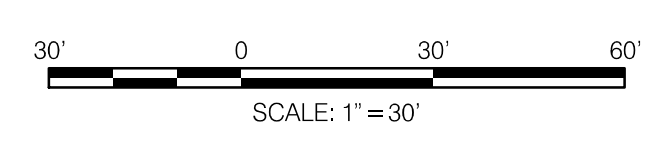
LOCATION MAP
SCALE 1"=1500'



MATCH LINE STA. 176+00 - SEE DWG. NO. EX-11

MATCH LINE STA. 183+50 - SEE DWG. NO. EX-13

- GENERAL NOTES:**
1. TOPOGRAPHIC SURVEY WAS COMPLETED BY WILSON T. BALLARD IN SEPTEMBER 2019, WITH SUPPLEMENTAL SURVEYS COMPLETED BY WALLACE MONTGOMERY IN JUNE 2021.
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MARK J. BODMANN MD N0-31487 EXP-03/18/2023

DATE: 09-17-2021

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DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

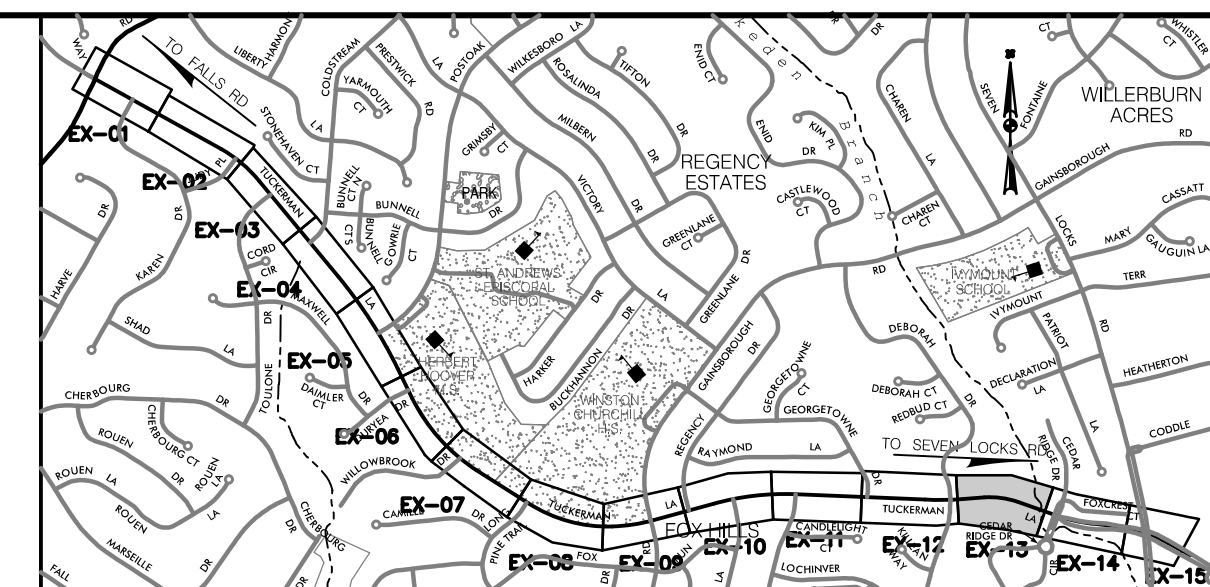
PLAN SHEET EX-12
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 176+00 TO STA. 183+50

SCALE: 1"=30' 10/2021

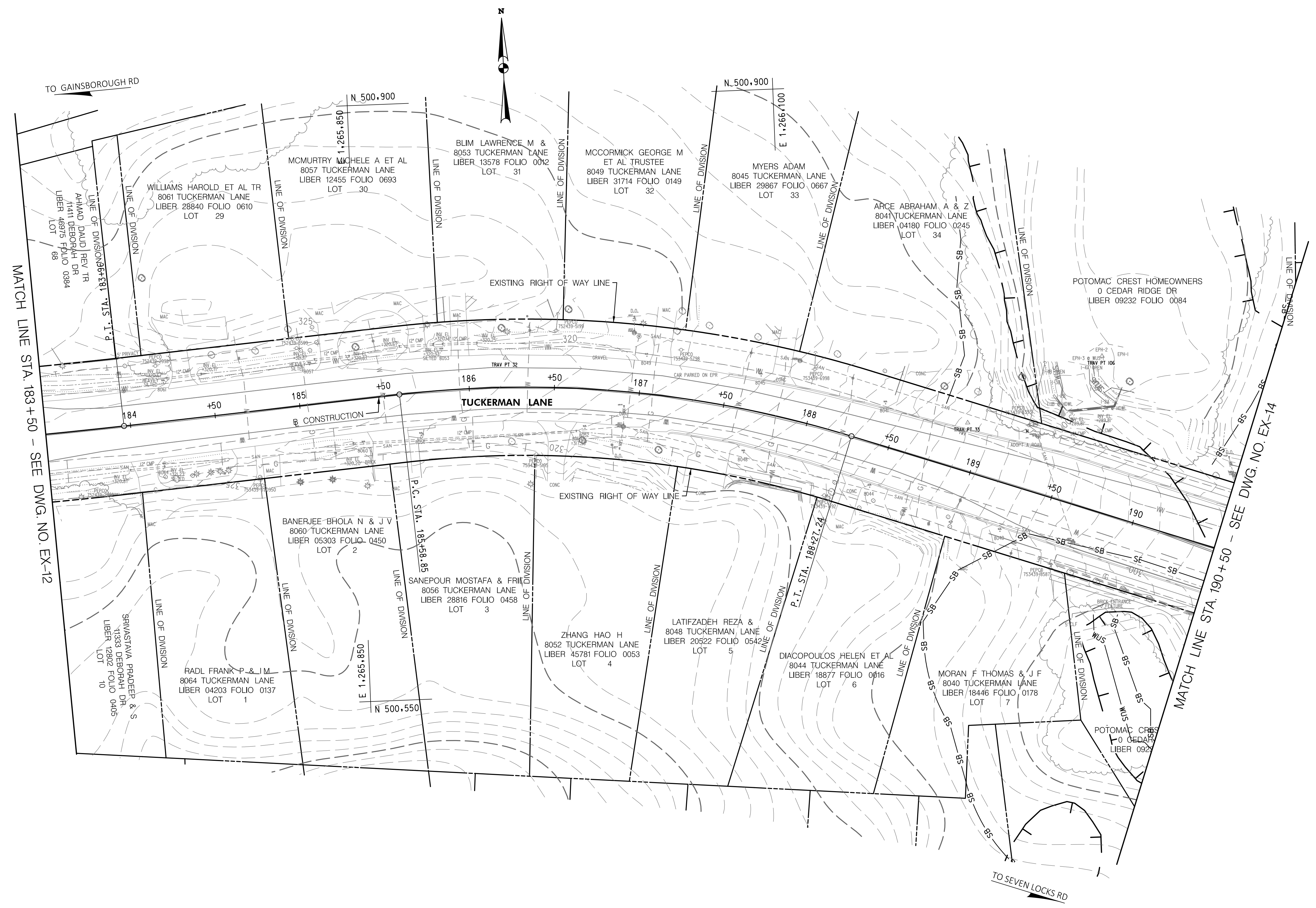
Project No.: C.I.P. PR. # 509337 SHEET 25 of 175

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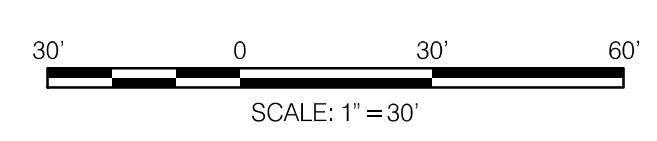
BY: sabbasgholipour



LOCATION MAP
SCALE 1"=1500'



- GENERAL NOTES:**
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DATE: 09-17-2021

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DATUM: NAD 83/91 HORIZONTAL
 NAVD 88 VERTICAL

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MONTGOMERY COUNTY
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RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
 APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

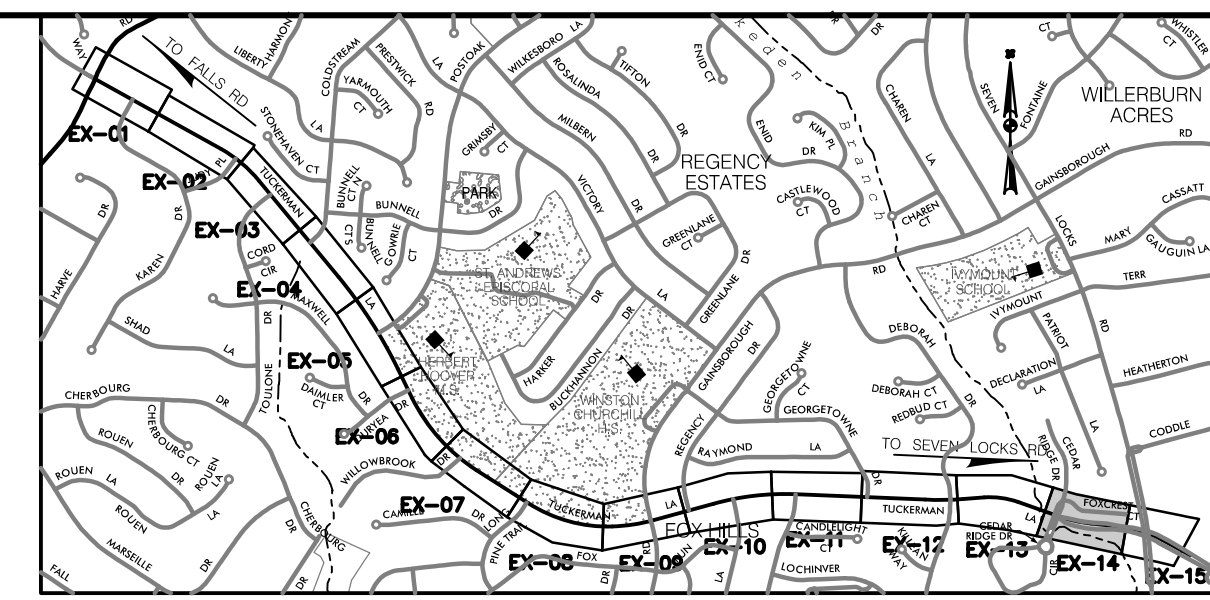
PLAN SHEET EX-13
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 183+50 TO STA. 190+50

SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 26 of 175

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BY: sabbasgholipour



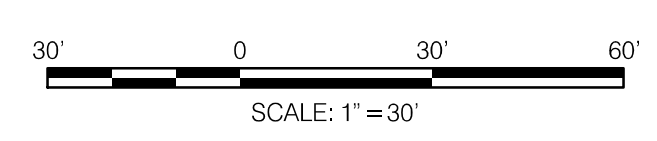
LOCATION MAP
SCALE: 1"=1500'



MATCH LINE STA. 190+50 - SEE DWG. NO. EX-14

MATCH LINE STA. 197+00 - SEE DWG. NO. EX-15

- GENERAL NOTES:**
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SEAL

DATE: 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
 NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 100 EDISON PARK DRIVE, 4TH FLOOR
 GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

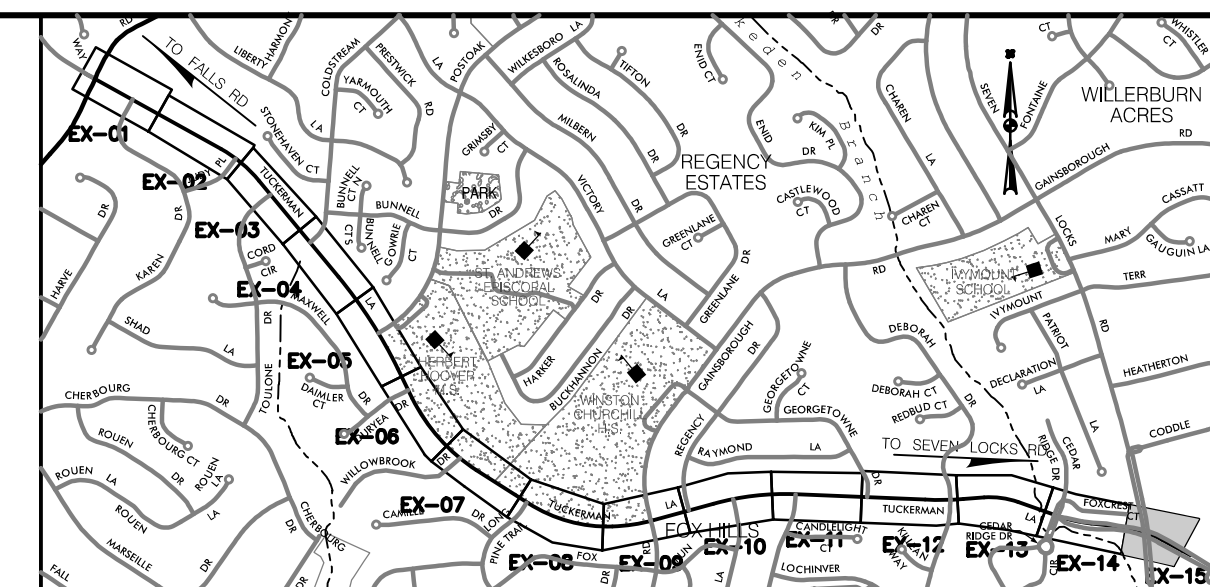
TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET EX-14
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 191+00 TO STA. 197+00

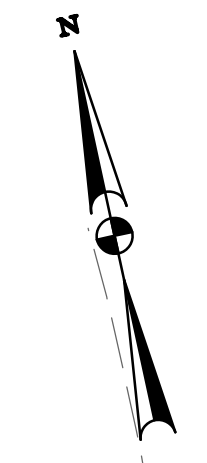
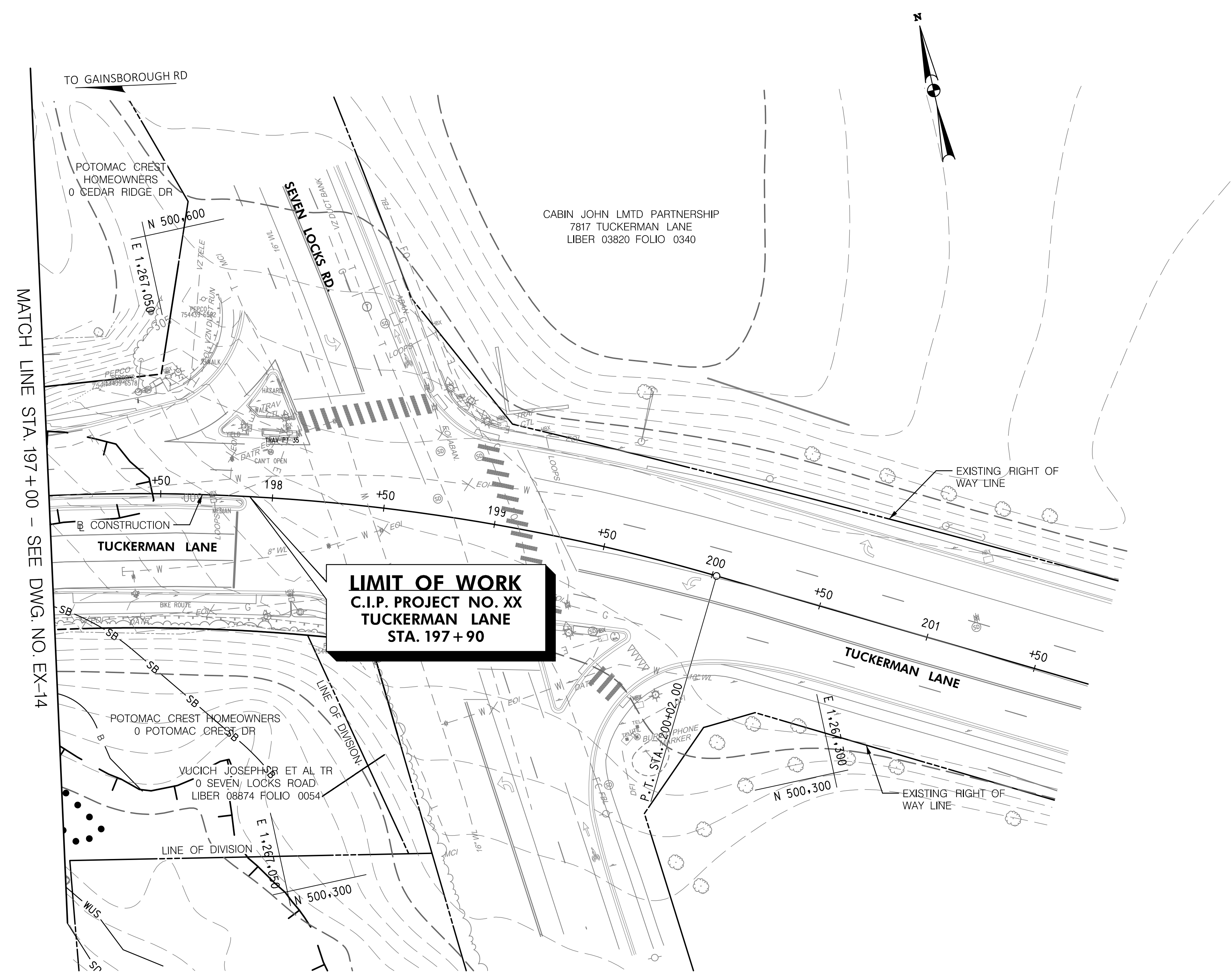
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 27 of 175

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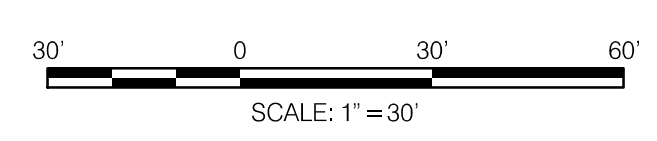
LOCATION MAP
SCALE 1"=1500'



BY: sabbasgholipour

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MARK J. BODMANN MD NO-31487 EXP-03/18/2023

SEAL
DATE: 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

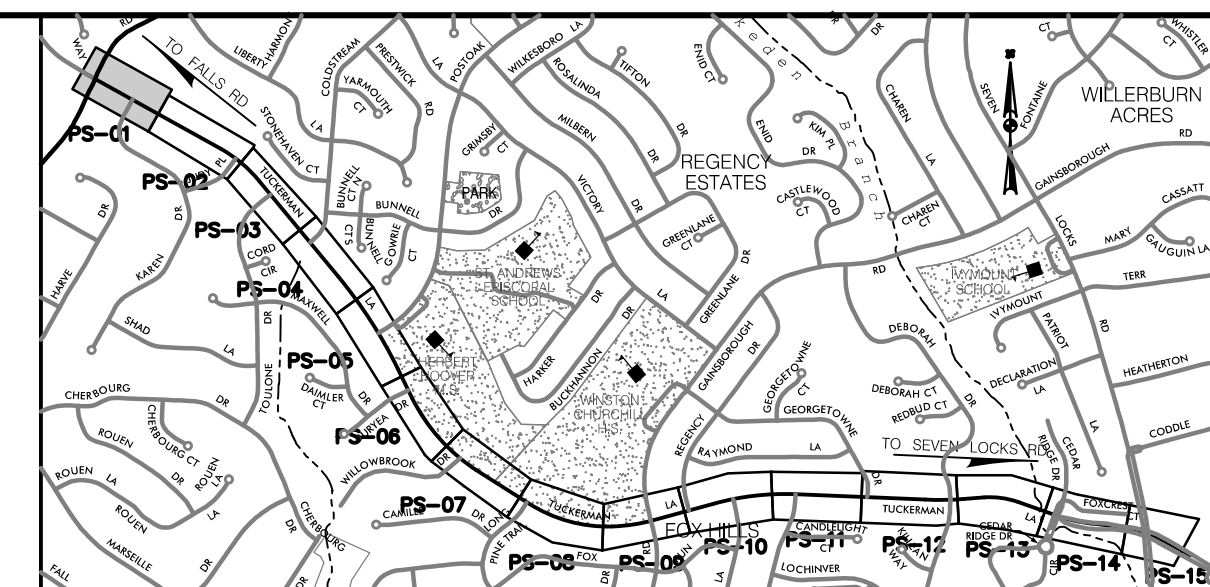
Chief, Division of Engineering Services _____ Date _____

Designed by : S.A.T. Drawn by : S.A.T. Checked by : M.J.B.

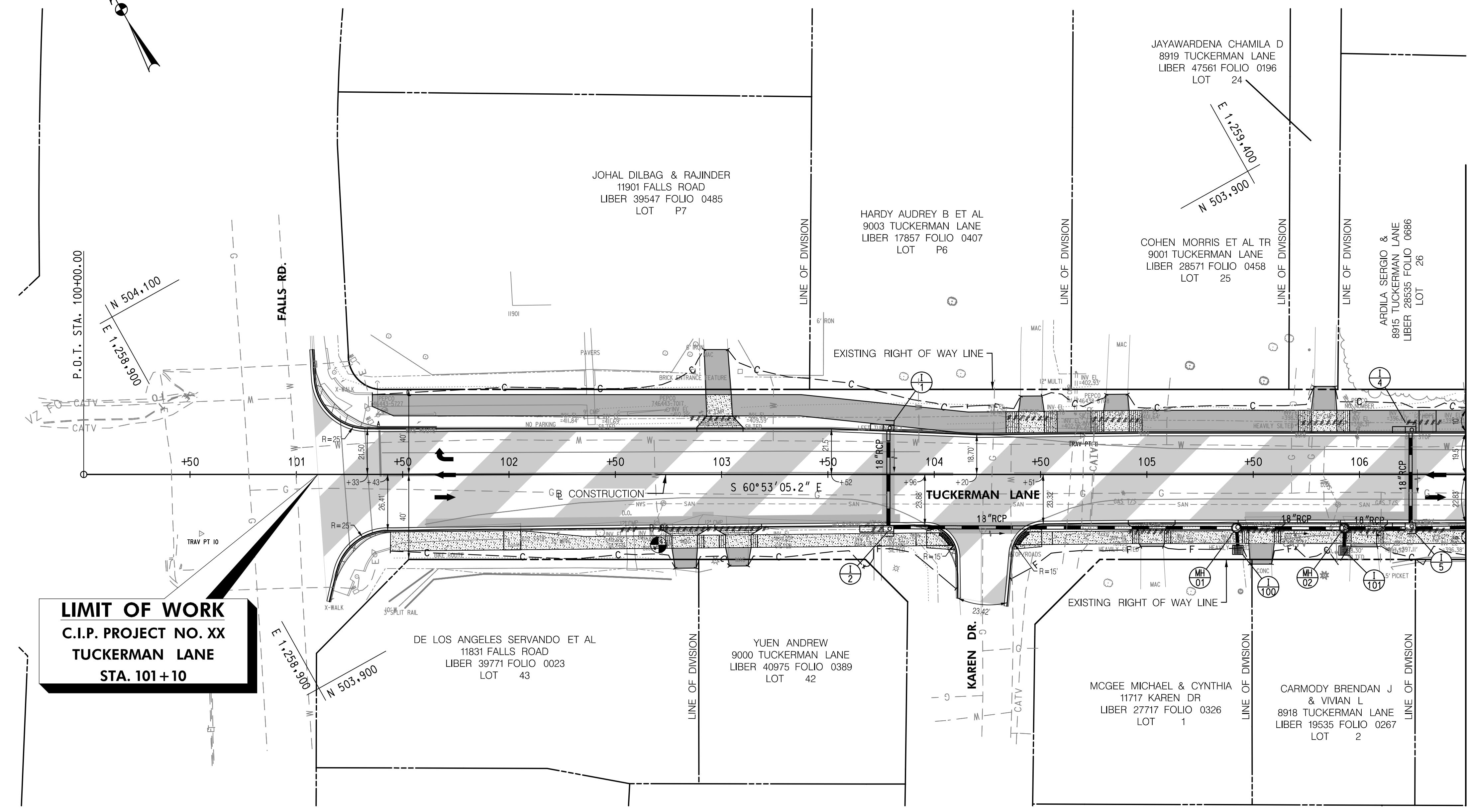
TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET EX-15
EXISTING CONDITION PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 197+00 TO STA. 201+50
SCALE: 1"=30' 10/2021

Project No. : C.I.P. PR. # 509337 SHEET 28 of 175



LOCATION MAP
SCALE: 1"=1500'



LIMIT OF WORK
C.I.P. PROJECT NO. XX
TUCKERMAN LANE
STA. 101+10

MATCH LINE STA. 106+50 - SEE DWG. NO. PS-02

STANDARD MONTGOMERY COUNTY TYPE A COMBINATION CURB AND GUTTER, 16" GUTTER PAN, 8" MIN. DEPTH (MC-100.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

DEPRESSED CURB ENTRANCE (MC-102.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY (MC-301.01)

XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PAVEMENT

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING MASONRY

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PIPE

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

1 INCH CONCRETE SIDEWALK

XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

SIDEWALK RAMP CONSTRUCTION

TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)

XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.

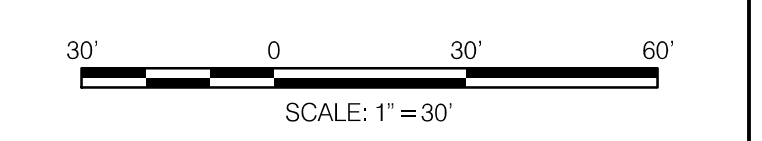
GENERAL NOTE:

- EXISTING RIGHT OF WAY LINES ARE BASED ON GIS INFORMATION.
- FOR PAVEMENT MARKINGS REFER TO SIGNING AND PAVEMENT MARKING PLANS SN-01 TO SN-15.
- FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.

LEGEND

	SHARED USE PATH		TOP OF CUT
	FULL DEPTH PAVEMENT		TOE OF FILL
	FINE MILLING & ASPHALT RESURFACING		WETLAND
	CONCRETE DRIVEWAY/ SIDEWALK		WETLAND BUFFER
	PAVEMENT REMOVAL		WATERS OF THE US
	DETECTABLE WARNING SURFACE		CONSTRUCTION
	RIPRAP		

PIPE SYMBOLS: PIPE, INLET, END SECTION, STD. MANHOLE, STORM DRAIN, ENDWALL



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MARK J. BODMANN MD NO-31487 EXP-03/18/2023

DATE: 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

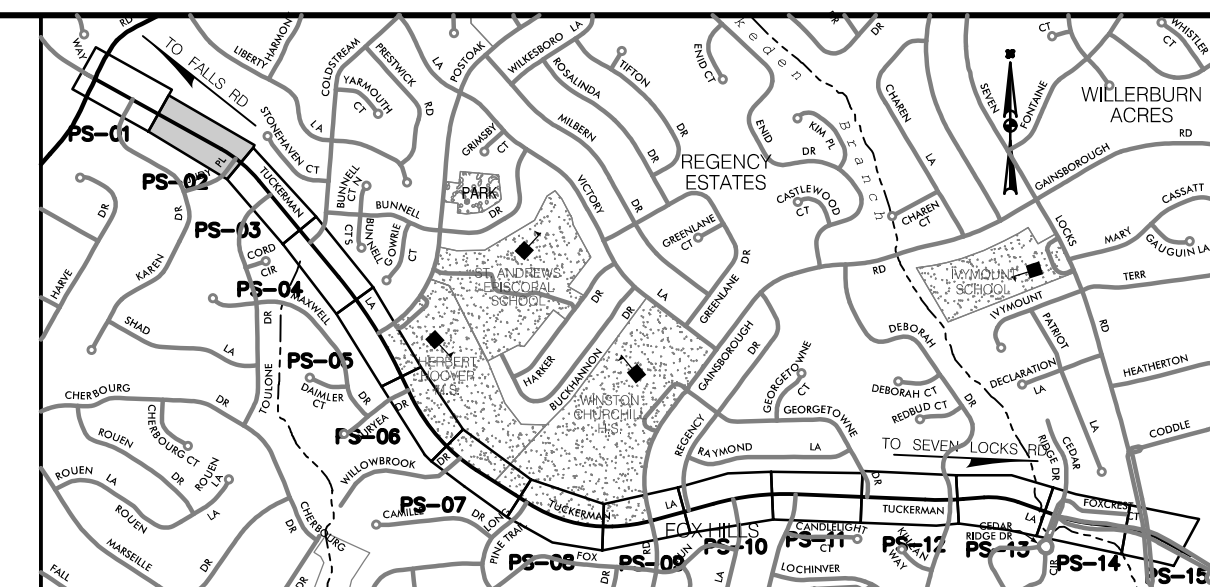
TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET PS-01
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 100+00 TO STA. 106+50

SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 29 of 175

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Hunt Valley, Maryland 21030
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www.WallaceMontgomery.com



LOCATION MAP
SCALE: 1"=1500'

STANDARD MONTGOMERY COUNTY TYPE A COMBINATION CURB AND GUTTER, 16" GUTTER PAN, 8" MIN. DEPTH (MC-100.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

DEPRESSED CURB ENTRANCE (MC-102.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY (MC-701.01)

XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PAVEMENT

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING MASONRY

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PIPE

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

FINISH CONCRETE SIDEWALK

XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

SIDEWALK RAMP CONSTRUCTION

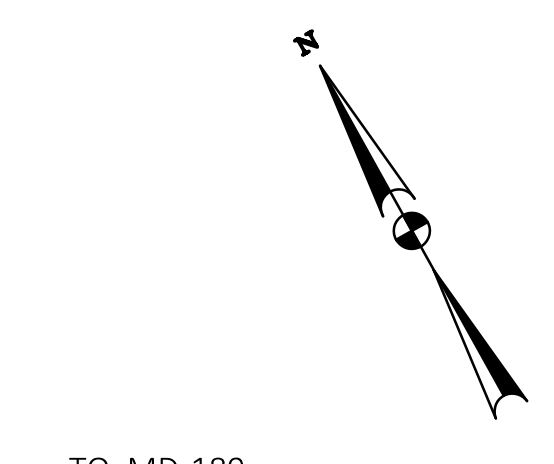
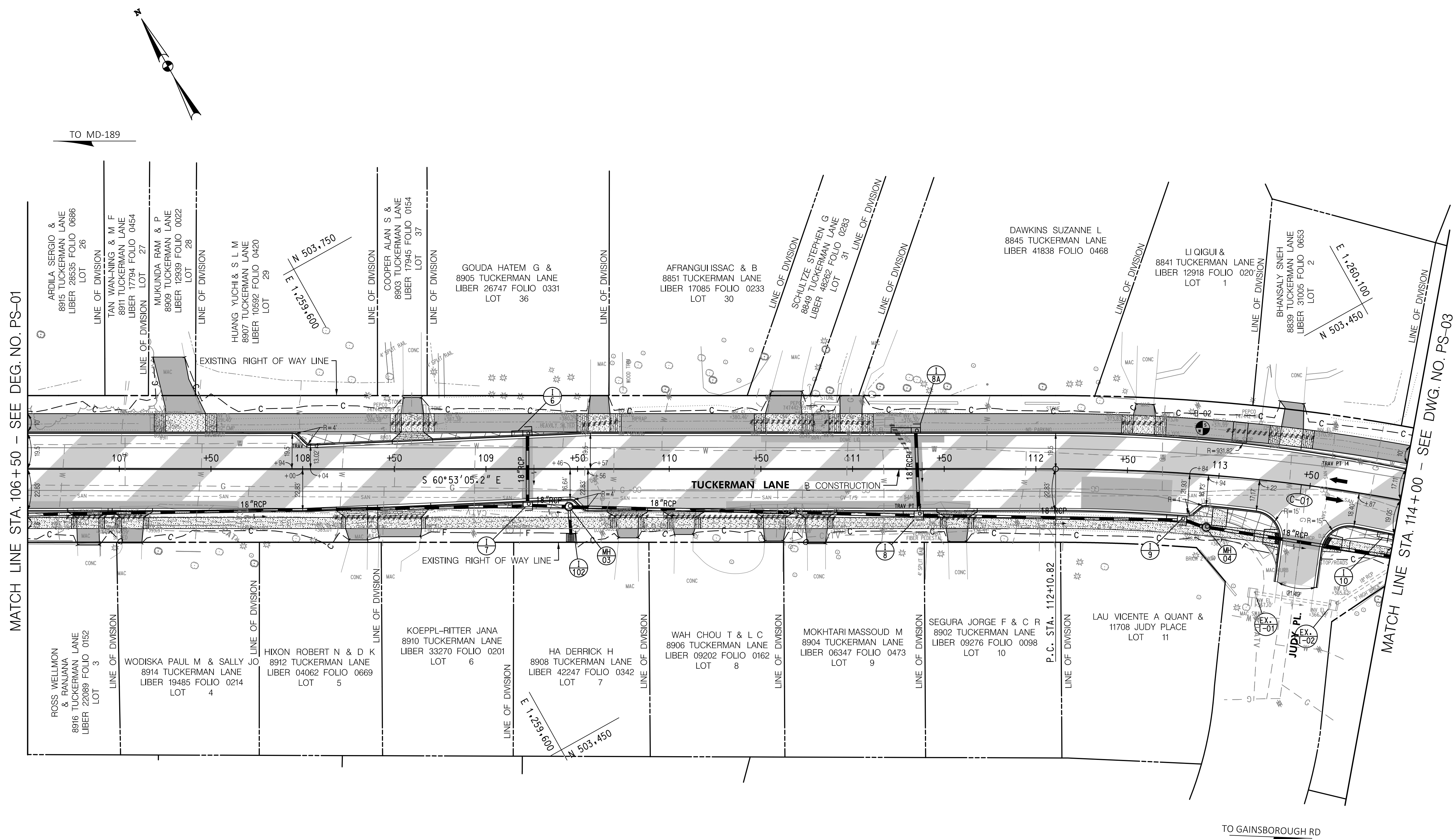
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)

XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.

GENERAL NOTE:

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- FOR PAVEMENT MARKINGS REFER TO SIGNING AND PAVEMENT MARKING PLANS SN-01 TO SN-15.
- FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.



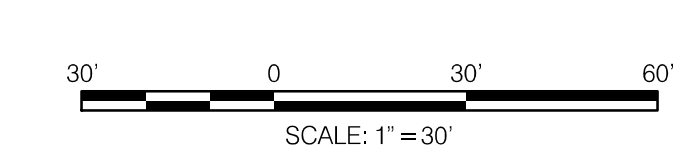
TO MD-189

TO GAINSBOROUGH RD

CONSTRUCTION UNDER MONITORING

LEGEND

	SHARED USE PATH		TOP OF CUT
	FULL DEPTH PAVEMENT		TOE OF FILL
	FINE MILLING & ASPHALT RESURFACING		WETLAND
	CONCRETE DRIVEWAY/ SIDEWALK		WETLAND BUFFER
	PAVEMENT REMOVAL		WATERS OF THE US
	DETECTABLE WARNING SURFACE		CONSTRUCTION
	RIPRAP		



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.

MARK J. BODMANN MD NO-31487 EXP-03/18/2023

SEAL

DATE	09-17-2021
------	------------

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

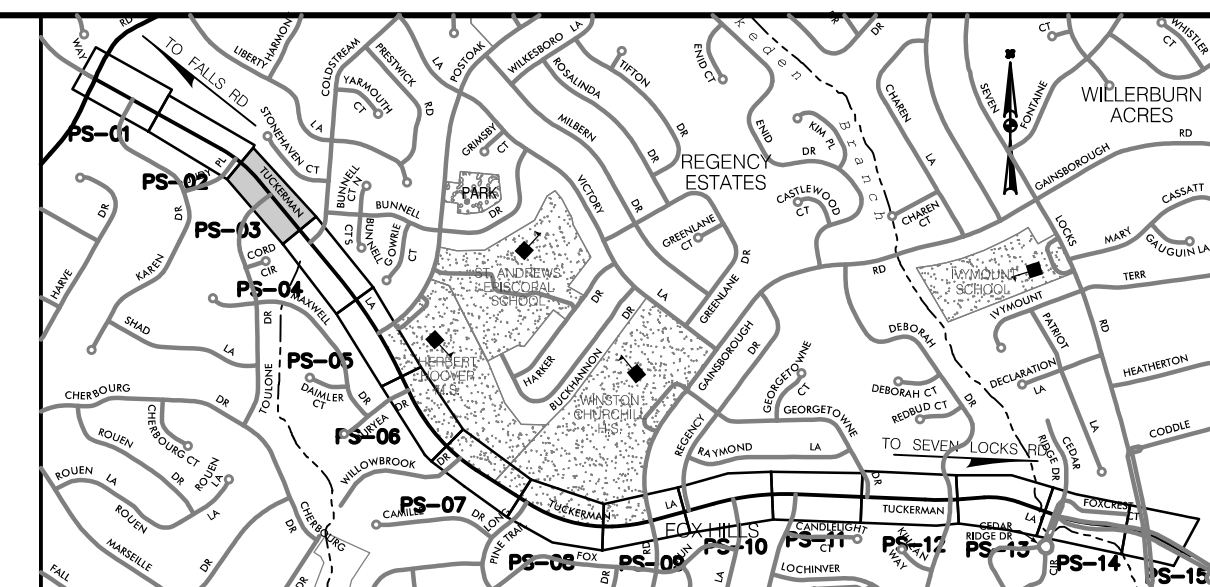
**PLAN SHEET PS-02
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 106+50 TO STA. 114+00**

SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 30 of 175

WALLACE MONTGOMERY
ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS
10150 York Road, Suite 200
Hunt Valley, Maryland 21030
410.494.9093 Tel / 410.667.0925 Fax
www.WallaceMontgomery.com

BY: sabbasgholipour



LOCATION MAP
SCALE 1"=1500'

STANDARD MONTGOMERY COUNTY TYPE A COMBINATION CURB AND GUTTER, 16" GUTTER PAN, 8" MIN. DEPTH (MC-100.01)		
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

DEPRESSED CURB ENTRANCE (MC-102.01)		
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY (MC-301.01)		
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

REMOVAL OF EXISTING PAVEMENT		
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

REMOVAL OF EXISTING MASONRY		
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

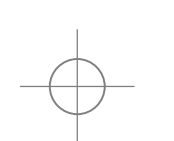
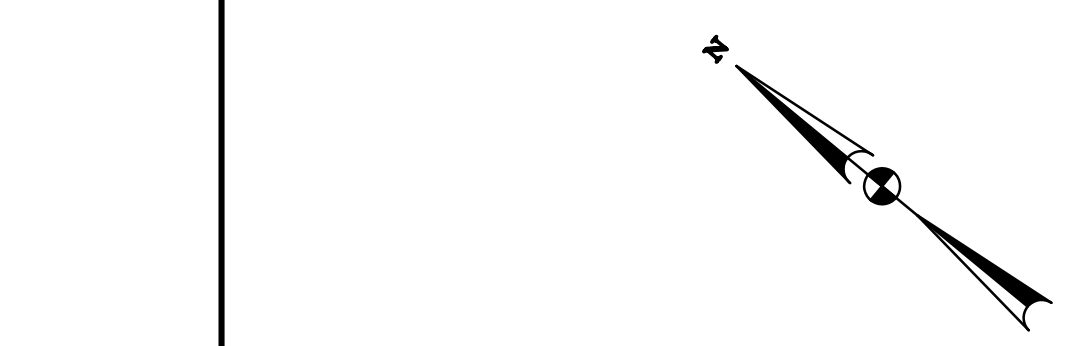
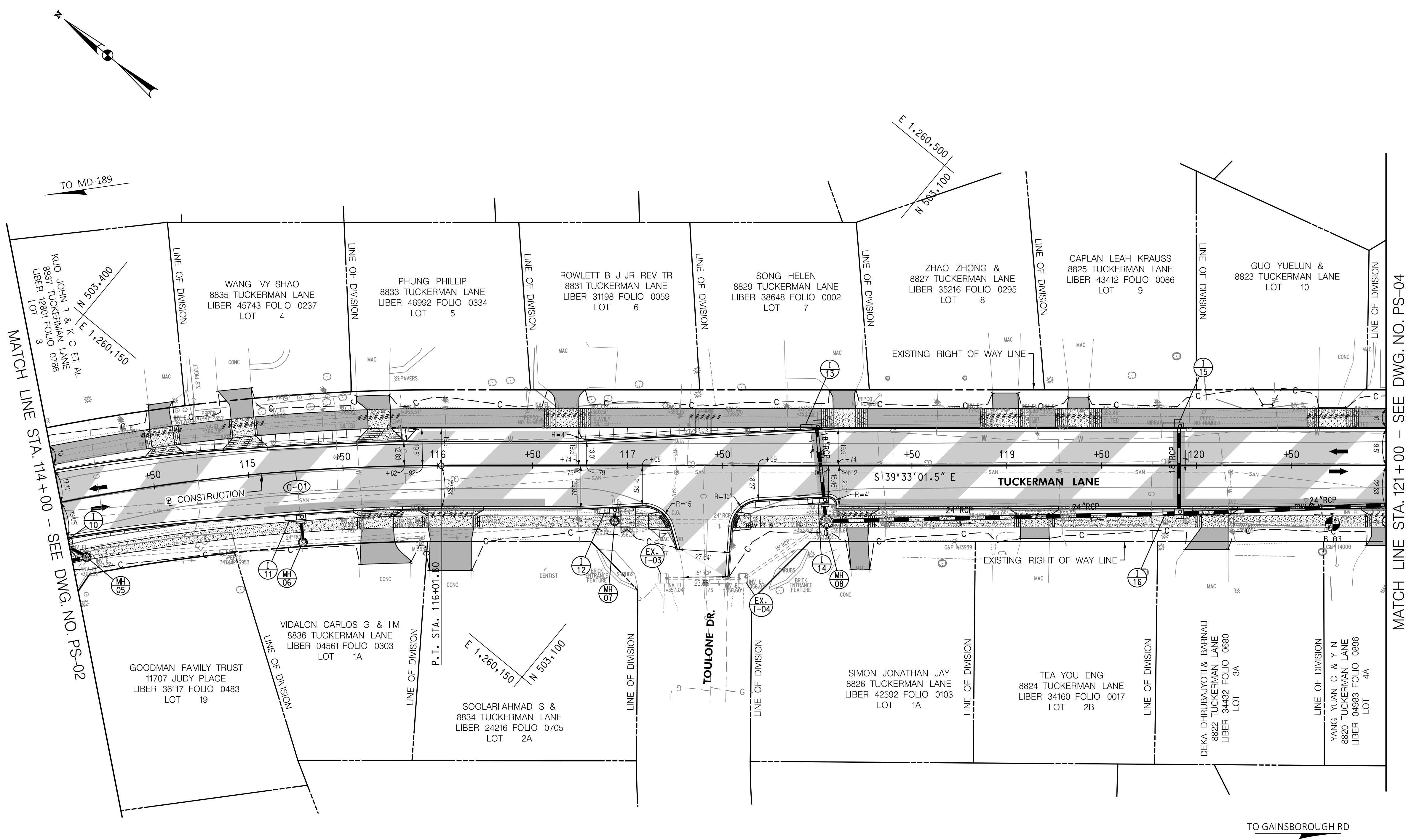
REMOVAL OF EXISTING PIPE		
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

4 INCH CONCRETE SIDEWALK		
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

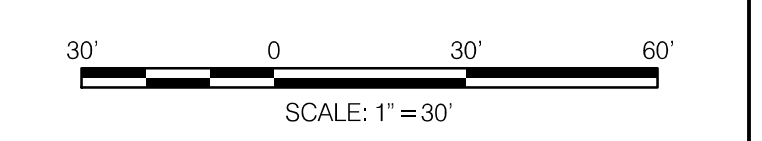
SIDEWALK RAMP CONSTRUCTION		
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX	
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX	
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX	

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)		
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.	
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.	
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.	

- GENERAL NOTE:
- EXISTING RIGHT OF WAY LINES ARE BASED ON GIS INFORMATION.
 - FOR PAVEMENT MARKINGS REFER TO SIGNING AND PAVEMENT MARKING PLANS SN-01 TO SN-15.
 - FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.



LEGEND	
	SHARED USE PATH
	FULL DEPTH PAVEMENT
	FINE MILLING & ASPHALT RESURFACING
	CONCRETE DRIVEWAY/ SIDEWALK
	PAVEMENT REMOVAL
	DETECTABLE WARNING SURFACE
	RIPRAP
	TOP OF CUT
	TOE OF FILL
	WETLAND
	WETLAND BUFFER
	WATERS OF THE US
	CONSTRUCTION
	PIPE INLET
	STORM DRAIN
	MANHOLE
	END WALL



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MARK J. BODMANN MD NO-31487 EXP-03/18/2023

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET PS-03
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 114+00 TO STA. 121+00

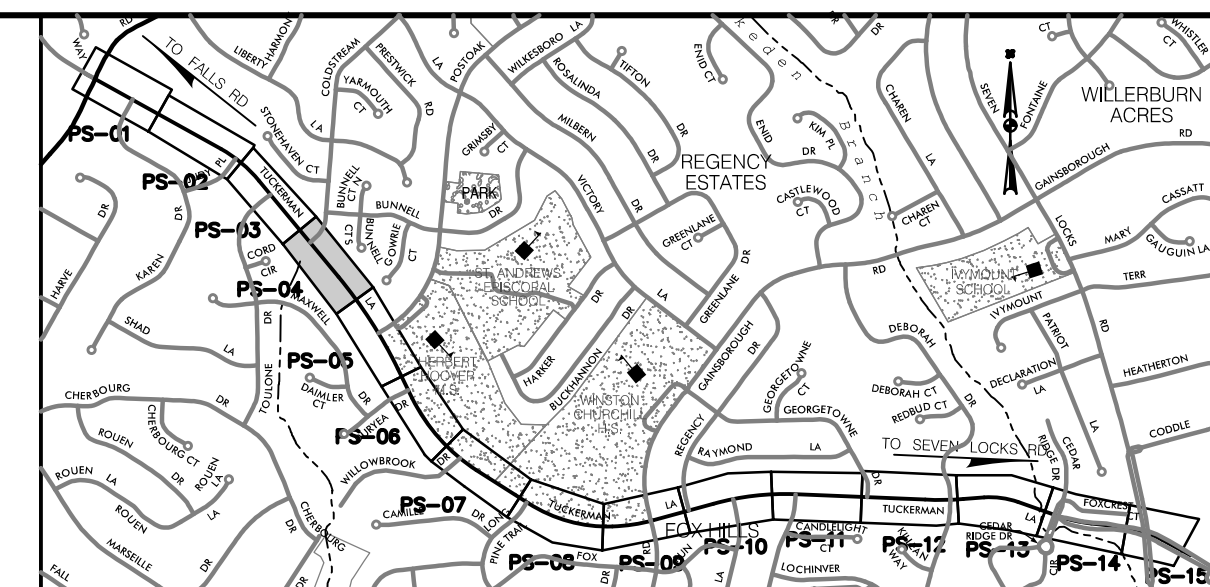
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 31 of 175

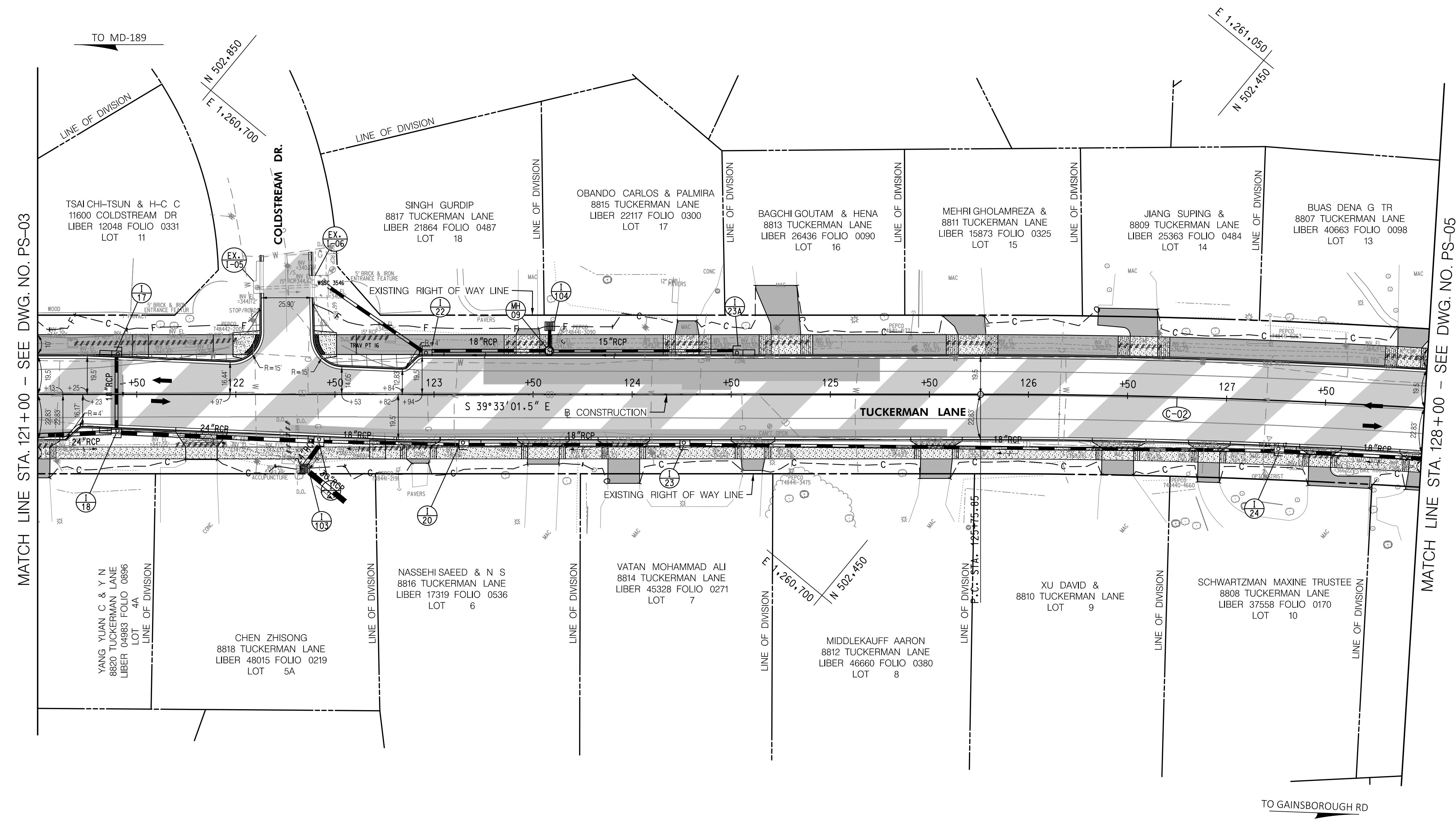
BY: sabbasgholipour

WALLACE MONTGOMERY
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10150 York Road, Suite 200
Hunt Valley, Maryland 21030
410.494.9093 Tel / 410.667.0925 Fax
www.WallaceMontgomery.com A Limited Liability Partnership

PLOTTED: 3/8/2023
FILE: M:\PROJ\220015.0001\Highways_Cadd_lpHD-P003_Tuckerman.dgn



LOCATION MAP
SCALE: 1"=1500'



STANDARD MONTGOMERY COUNTY TYPE A COMBINATION CURB AND GUTTER, 16" GUTTER PAN, 8" MIN. DEPTH (MC-100.01)		
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

DEPRESSED CURB ENTRANCE (MC-102.01)		
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY (MC-301.01)		
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

REMOVAL OF EXISTING PAVEMENT		
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

REMOVAL OF EXISTING MASONRY		
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

REMOVAL OF EXISTING PIPE		
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

4 INCH CONCRETE SIDEWALK		
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

SIDEWALK RAMP CONSTRUCTION		
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX	
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX	
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX	

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)		
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.	
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.	
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.	

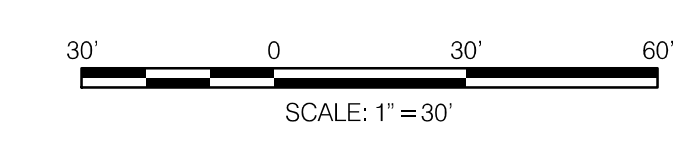
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 - FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET PS-04
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 121+00 TO STA. 128+00
 SCALE: 1"=30' 10/2021
 Project No.: C.I.P. PR. # 509337 SHEET 32 of 175

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
 NAVD 88 VERTICAL



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.			
MARK J. BODMANN MD	N0-31487	EXP-03/18/2023	DATE: 09-17-2021

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 100 EDISON PARK DRIVE, 4TH FLOOR
 GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

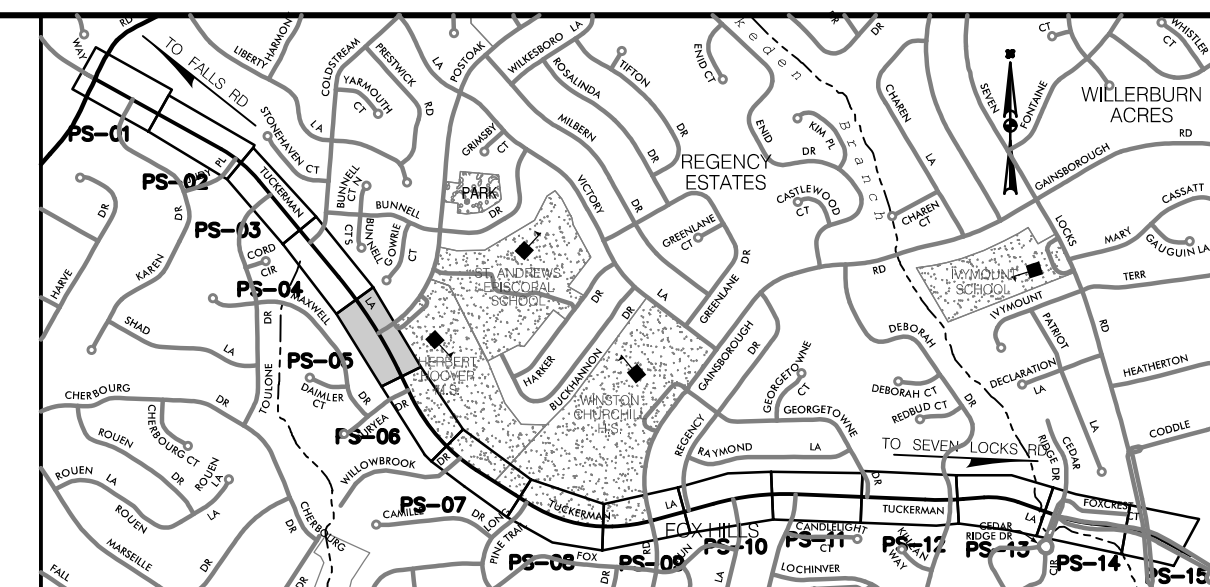
Chief, Design Section _____ Date _____
 APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

WALLACE MONTGOMERY
 ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS
 10150 York Road, Suite 200
 Hunt Valley, Maryland 21030
 410.434.9093 Tel / 410.667.0925 Fax
 www.WallaceMontgomery.com A Limited Liability Partnership

BY: sabbasgholipour



LOCATION MAP
SCALE 1"=1500'

STANDARD MONTGOMERY COUNTY TYPE A COMBINATION CURB AND GUTTER, 16" GUTTER PAN, 8" MIN. DEPTH (MC-100.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

DEPRESSED CURB ENTRANCE (MC-102.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY (MC-301.01)

XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PAVEMENT

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING MASONRY

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PIPE

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

8 INCH CONCRETE SIDEWALK

XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

SIDEWALK RAMP CONSTRUCTION

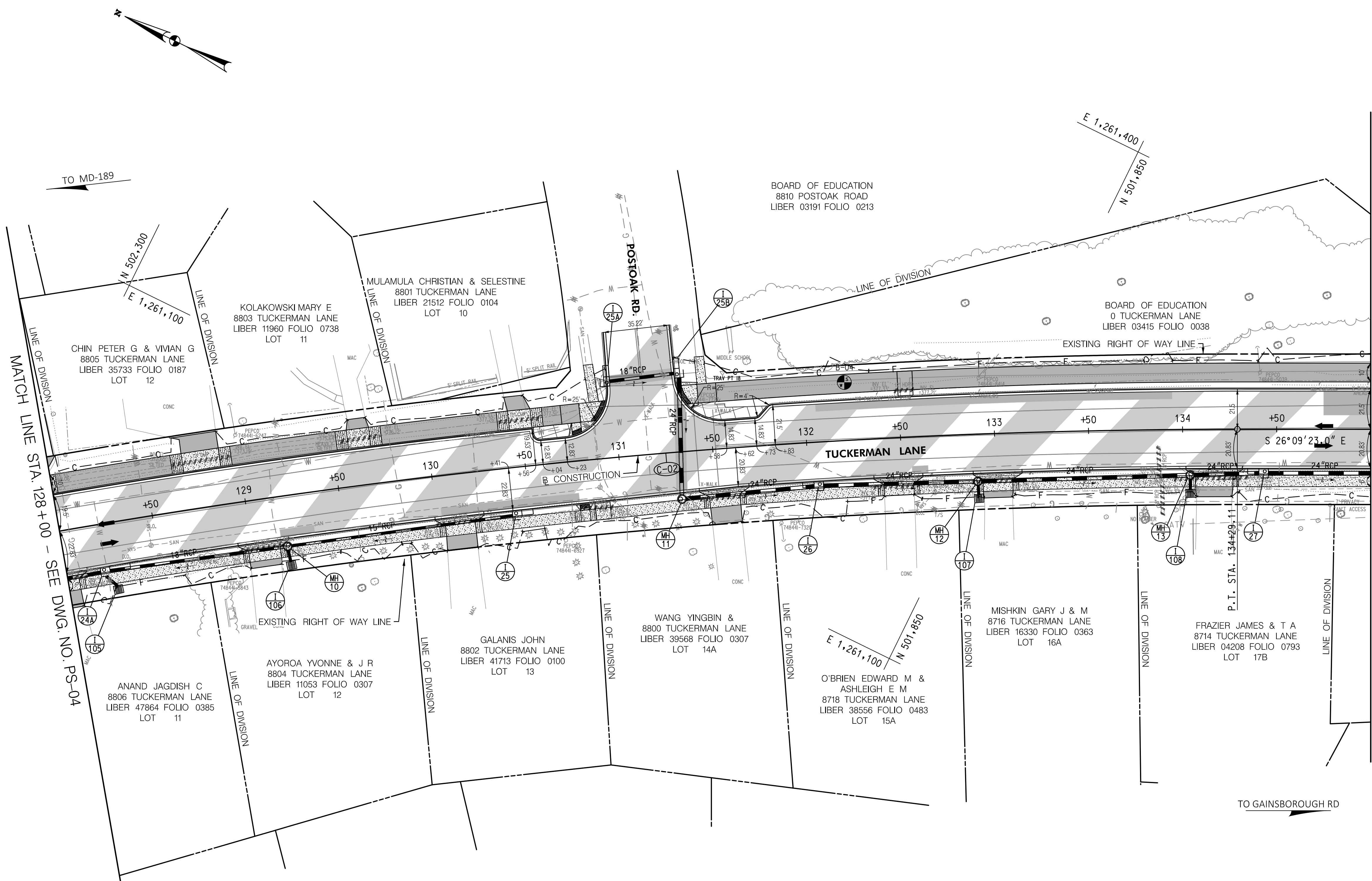
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)

XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.

GENERAL NOTE:

- EXISTING RIGHT OF WAY LINES ARE BASED ON GIS INFORMATION.
- FOR PAVEMENT MARKINGS REFER TO SIGNING AND PAVEMENT MARKING PLANS SN-01 TO SN-15.
- FOR LANE WIDTHS REFER TO TYPICAL SECTION TS-01 TO TS-03.



LEGEND

	SHARED USE PATH		TOP OF CUT
	FULL DEPTH PAVEMENT		TOE OF FILL
	FINE MILLING & ASPHALT RESURFACING		WETLAND
	CONCRETE DRIVEWAY/ SIDEWALK		WETLAND BUFFER
	PAVEMENT REMOVAL		WATERS OF THE US
	DETECTABLE WARNING SURFACE		CONSTRUCTION
	RIPRAP		

PIPE SECTION
INLET
STD. MANHOLE
END WALL

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

SCALE: 1"=30'

PROFESSIONAL CERTIFICATION

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MARK J. BODMANN MD NO-31487 EXP-03/18/2023

DATE: 09-17-2021

35% SUBMITTAL

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

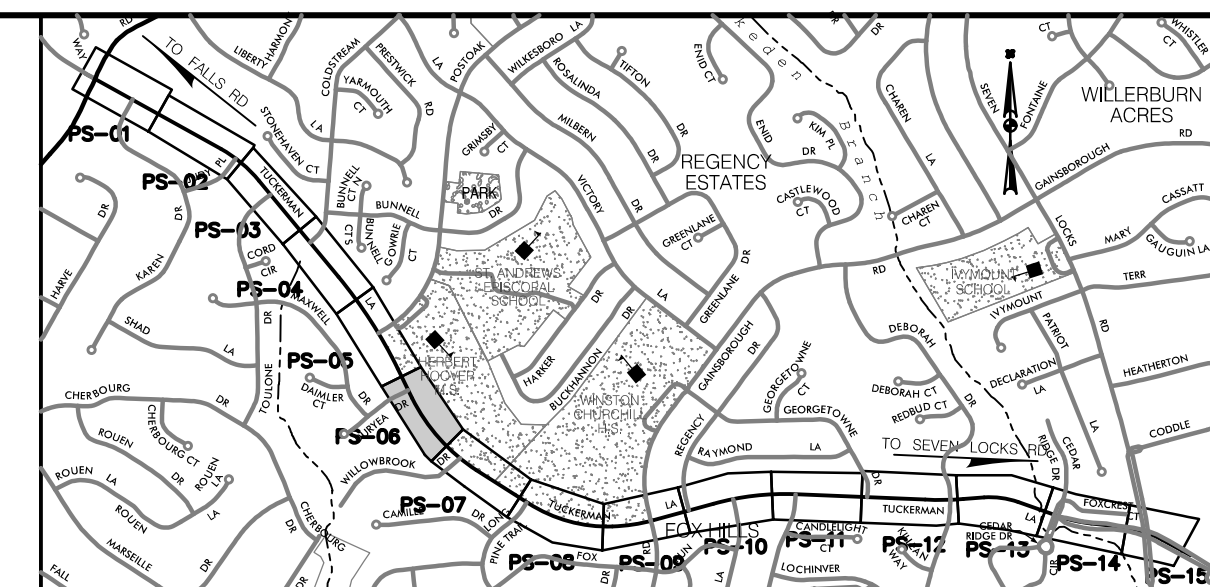
**PLAN SHEET PS-05
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 128+00 TO STA. 135+00**

SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 33 of 175

WALLACE MONTGOMERY
ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS
10150 York Road, Suite 200
Hunt Valley, Maryland 21030
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www.WallaceMontgomery.com

PLOTTED: 3/8/2023
FILE: M:\PROJ\220015.0001\Highways\Cadd_phd-P005_Tuckerman.dgn



LOCATION MAP
SCALE: 1"=1500'

STANDARD MONTGOMERY COUNTY TYPE A COMBINATION CURB AND GUTTER, 16" GUTTER PAN, 8" MIN. DEPTH (MC-100.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

DEPRESSED CURB ENTRANCE (MC-102.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY (MC-301.01)

XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PAVEMENT

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING MASONRY

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PIPE

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

4 INCH CONCRETE SIDEWALK

XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

SIDEWALK RAMP CONSTRUCTION

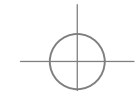
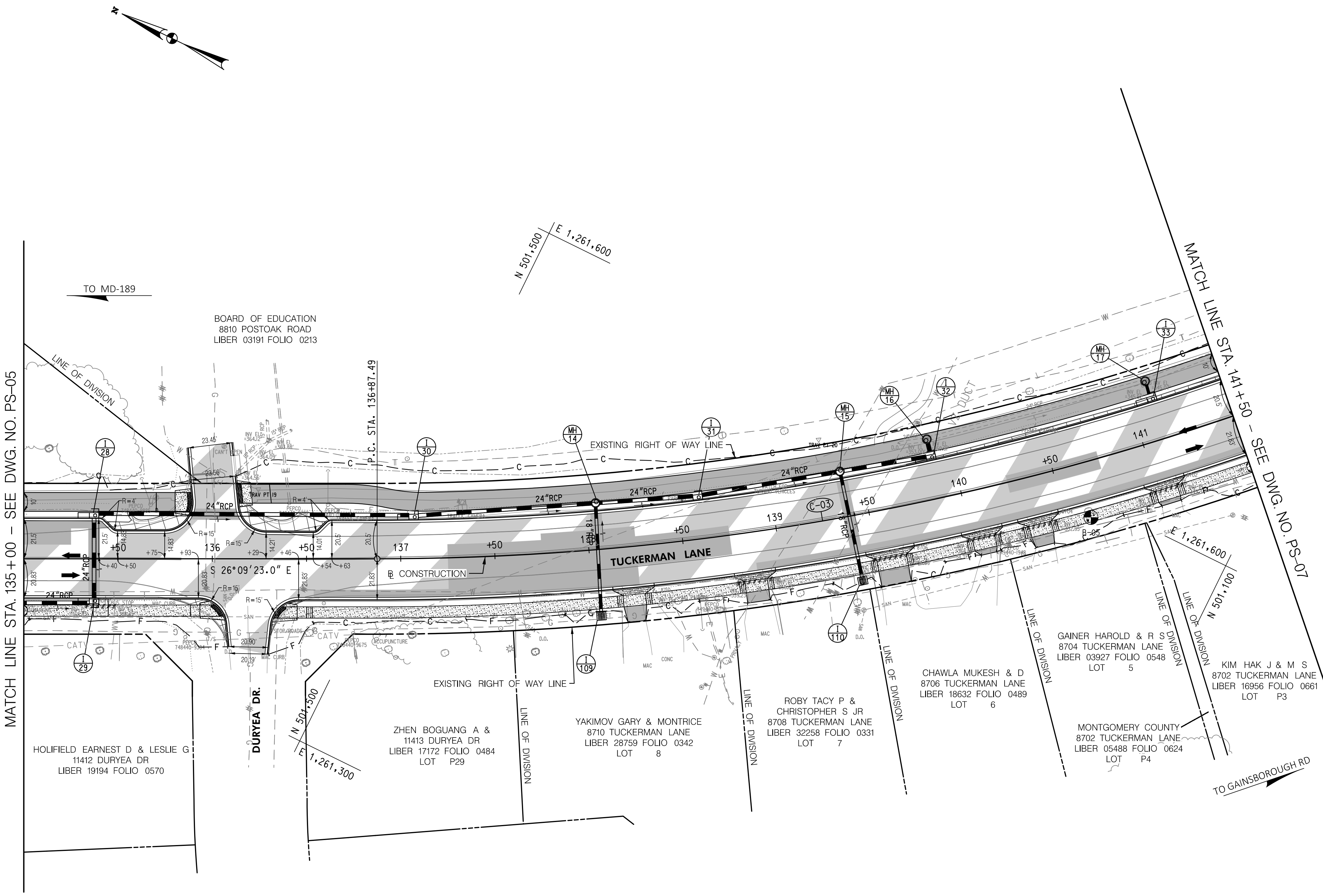
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)

XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.

GENERAL NOTE:

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- FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.

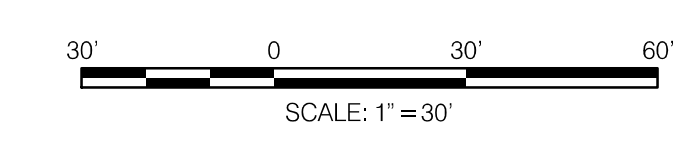


LEGEND

	SHARED USE PATH		TOP OF CUT
	FULL DEPTH PAVEMENT		TOE OF FILL
	FINE MILLING & ASPHALT RESURFACING		WETLAND
	CONCRETE DRIVEWAY/ SIDEWALK		WETLAND BUFFER
	PAVEMENT REMOVAL		WATERS OF THE US
	DETECTABLE WARNING SURFACE		CONSTRUCTION
	RIPRAP		

PIPE INLET END SECTION STD. MANHOLE ENDWALL

STORM DRAIN SYMBOLS



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.

MARK J. BODMANN MD NO-31487 EXP-03/18/2023

SEAL

DATE	09-17-2021
------	------------

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

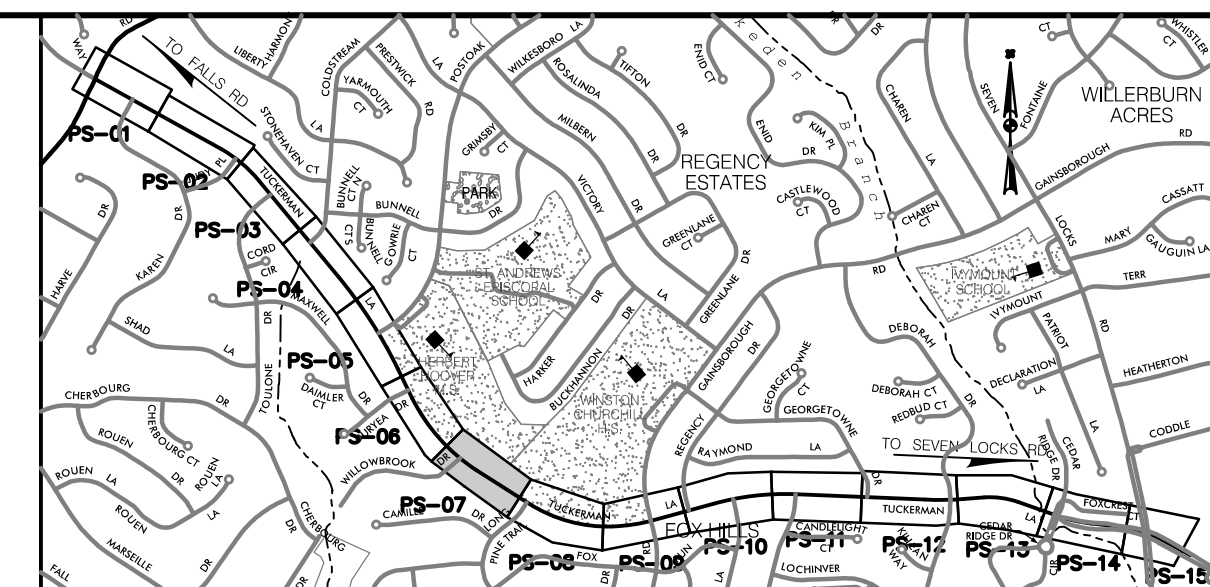
PLAN SHEET PS-06
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 135+00 TO STA. 141+50

SCALE: 1"=30'

10/2021

Project No.: C.I.P. PR. # 509337 SHEET 34 of 175

WALLACE MONTGOMERY
ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS
10150 York Road, Suite 200
Hunt Valley, Maryland 21030
410.494.9093 Tel / 410.667.0925 Fax
www.WallaceMontgomery.com



LOCATION MAP
SCALE: 1"=1500'

STANDARD MONTGOMERY COUNTY TYPE A COMBINATION CURB AND GUTTER, 16" GUTTER PAN, 8" MIN. DEPTH (MC-100.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

DEPRESSED CURB ENTRANCE (MC-102.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY (MC-301.01)

XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PAVEMENT

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING MASONRY

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PIPE

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

4 INCH CONCRETE SIDEWALK

XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

SIDEWALK RAMP CONSTRUCTION

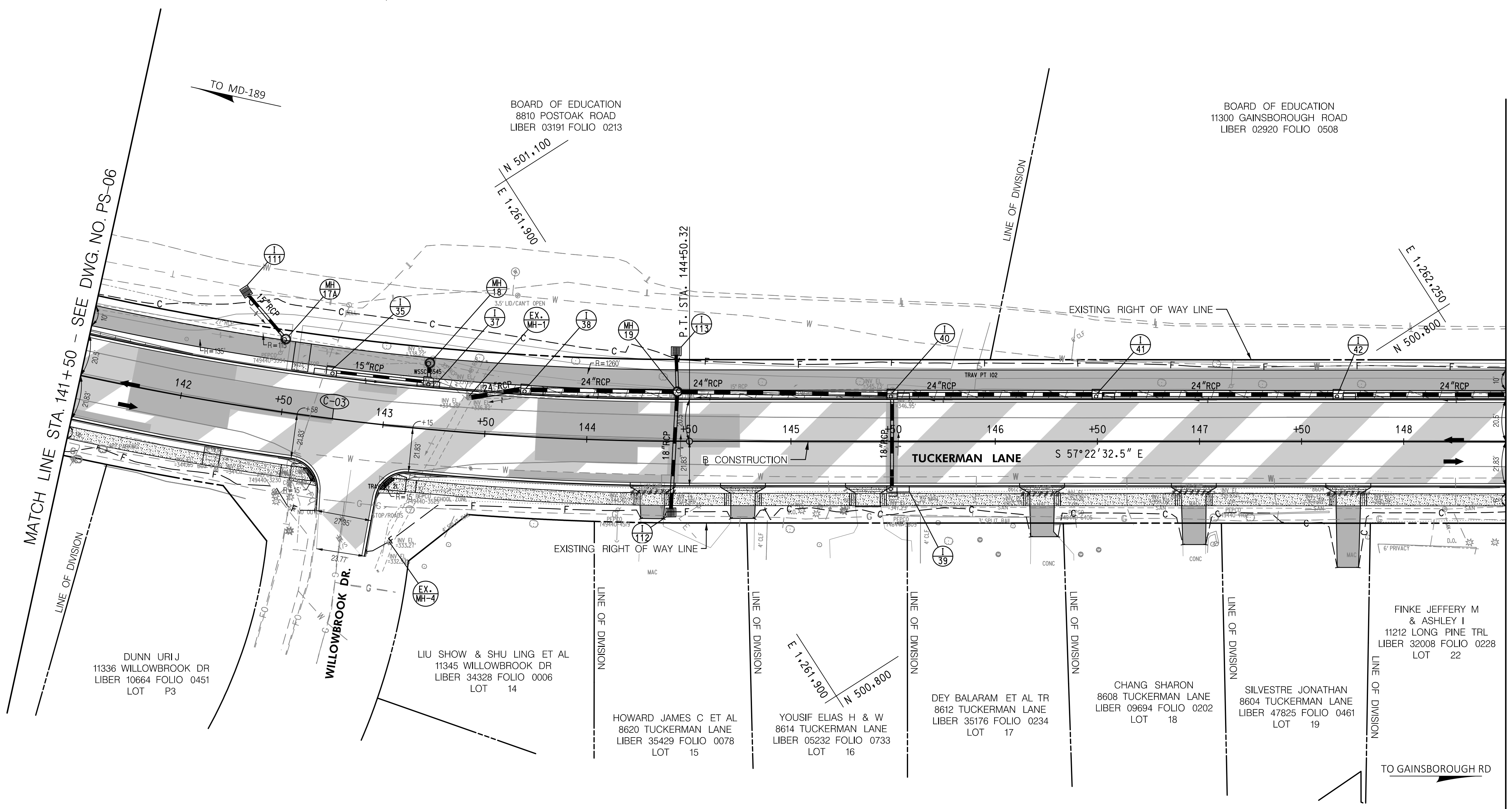
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)

XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.

GENERAL NOTE:

- EXISTING RIGHT OF WAY LINES ARE BASED ON GIS INFORMATION.
- FOR LANE WIDTHS REFER TO SIGNING AND PAVEMENT MARKING PLANS SN-01 TO SN-15.
- FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.



LEGEND

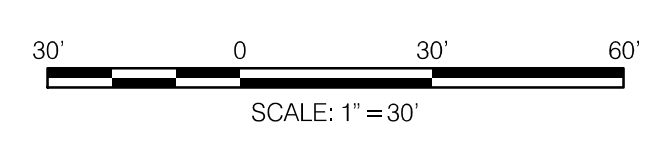
	SHARED USE PATH		TOP OF CUT
	FULL DEPTH PAVEMENT		TOE OF FILL
	FINE MILLING & ASPHALT RESURFACING		WETLAND
	CONCRETE DRIVEWAY/ SIDEWALK		WETLAND BUFFER
	PAVEMENT REMOVAL		WATERS OF THE US
	DETECTABLE WARNING SURFACE		CONSTRUCTION
	RIPRAP		

PIPE

 INLET
 END SECTION
STORM DRAIN SYMBOLS

 STD. MANHOLE

 END WALL



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MARK J. BODMANN MD NO-31487 EXP-03/18/2023

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DATUM: NAD 83/91 HORIZONTAL
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Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

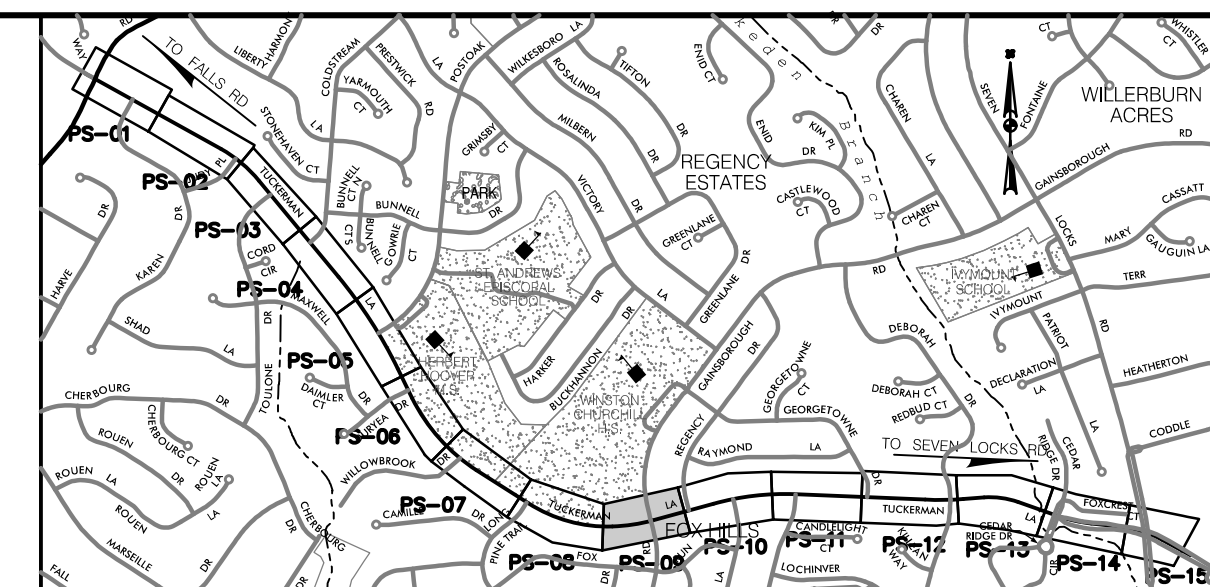
TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET PS-07
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 141+50 TO STA. 148+50**

SCALE: 1"=30'

Project No.: C.I.P. PR. # 509337 SHEET 35 of 175

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LOCATION MAP
SCALE 1"=1500'

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XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

DEPRESSED CURB ENTRANCE (MC-102.01)	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY MK NO. 9 (MC-701.01)	
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PAVEMENT	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING MASONRY	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

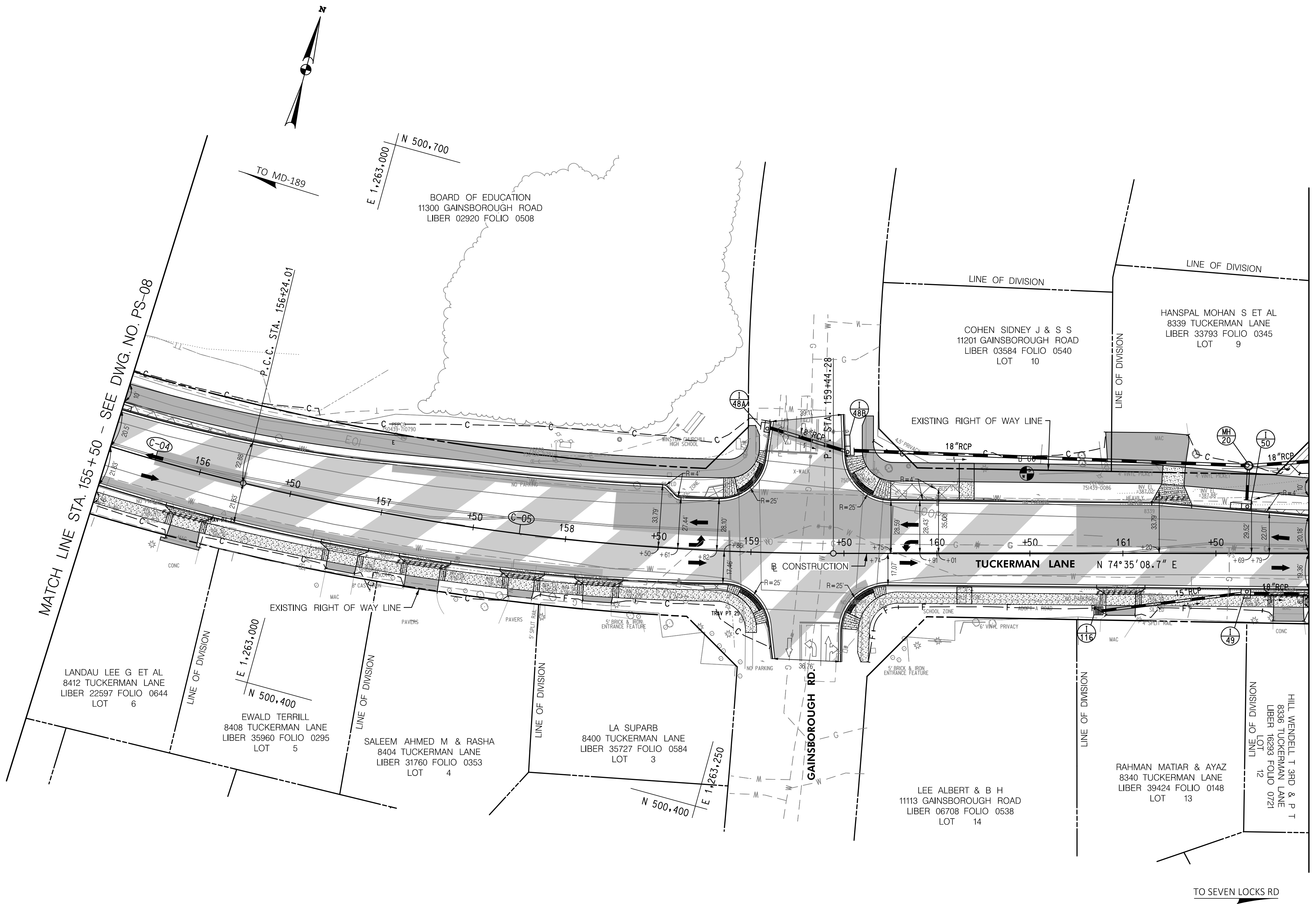
REMOVAL OF EXISTING PIPE	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

WASH CONCRETE SIDEWALK	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

SIDEWALK RAMP CONSTRUCTION	
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)	
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.

- GENERAL NOTE:
- EXISTING RIGHT OF WAY LINES ARE BASED ON GIS INFORMATION.
 - FOR PAVEMENT MARKINGS REFER TO SIGNING AND PAVEMENT MARKING PLANS SN-01 TO SN-15.
 - FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.



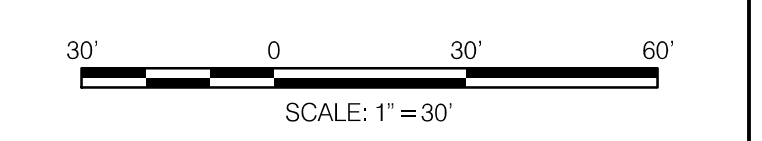
MATCH LINE STA. 155+50 - SEE DWG. NO. PS-08

MATCH LINE STA. 162+00 - SEE DWG. NO. PS-10

LEGEND

	SHARED USE PATH		TOP OF CUT
	FULL DEPTH PAVEMENT		TOE OF FILL
	FINE MILLING & ASPHALT RESURFACING		WETLAND
	CONCRETE DRIVEWAY/ SIDEWALK		WETLAND BUFFER
	PAVEMENT REMOVAL		WATERS OF THE US
	DETECTABLE WARNING SURFACE		CONSTRUCTION
	RIPRAP		

PIPE INLET
END SECTION STD. MANHOLE
STORM DRAIN SYMBOLS ENDWALL



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DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

DATE: 09-17-2021

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

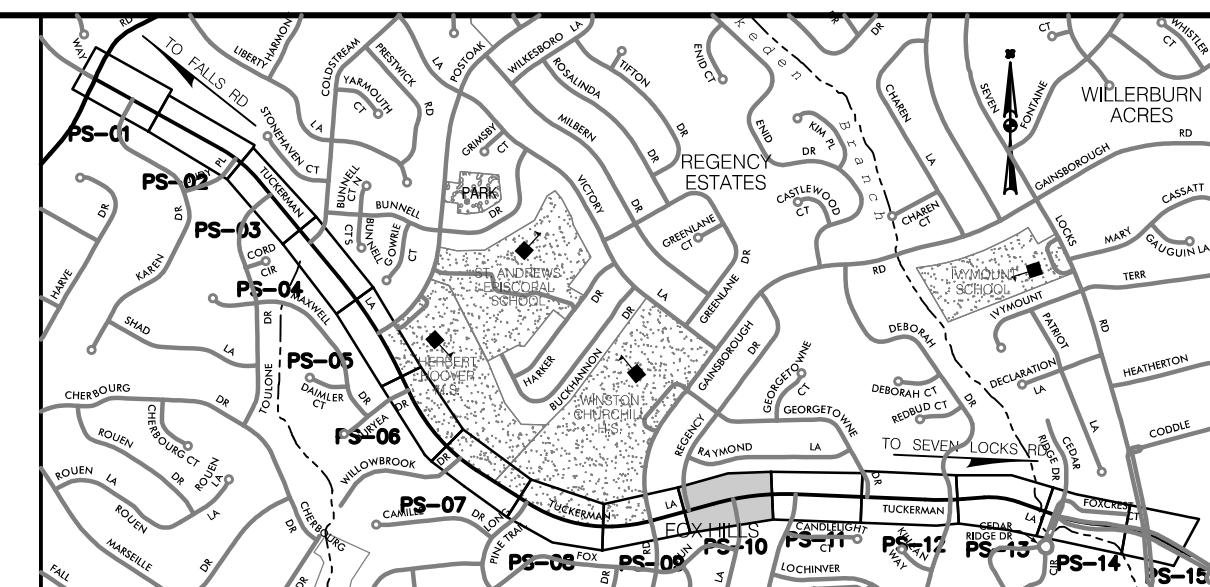
**PLAN SHEET PS-09
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 155+50 TO STA. 162+00**

SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 37 of 175

WALLACE MONTGOMERY
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10150 York Road, Suite 200
Hunt Valley, Maryland 21030
410.494.9093 Tel / 410.687.0925 Fax
www.wallace-montgomery.com

BY: sabbasgholipour



LOCATION MAP
SCALE 1"=1500'

STANDARD MONTGOMERY COUNTY TYPE A COMBINATION CURB AND GUTTER, 16" GUTTER PAN, 8" MIN. DEPTH (MC-100.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

DEPRESSED CURB ENTRANCE (MC-102.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY (MC-301.01)

XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PAVEMENT

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING MASONRY

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PIPE

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

4 INCH CONCRETE SIDEWALK

XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

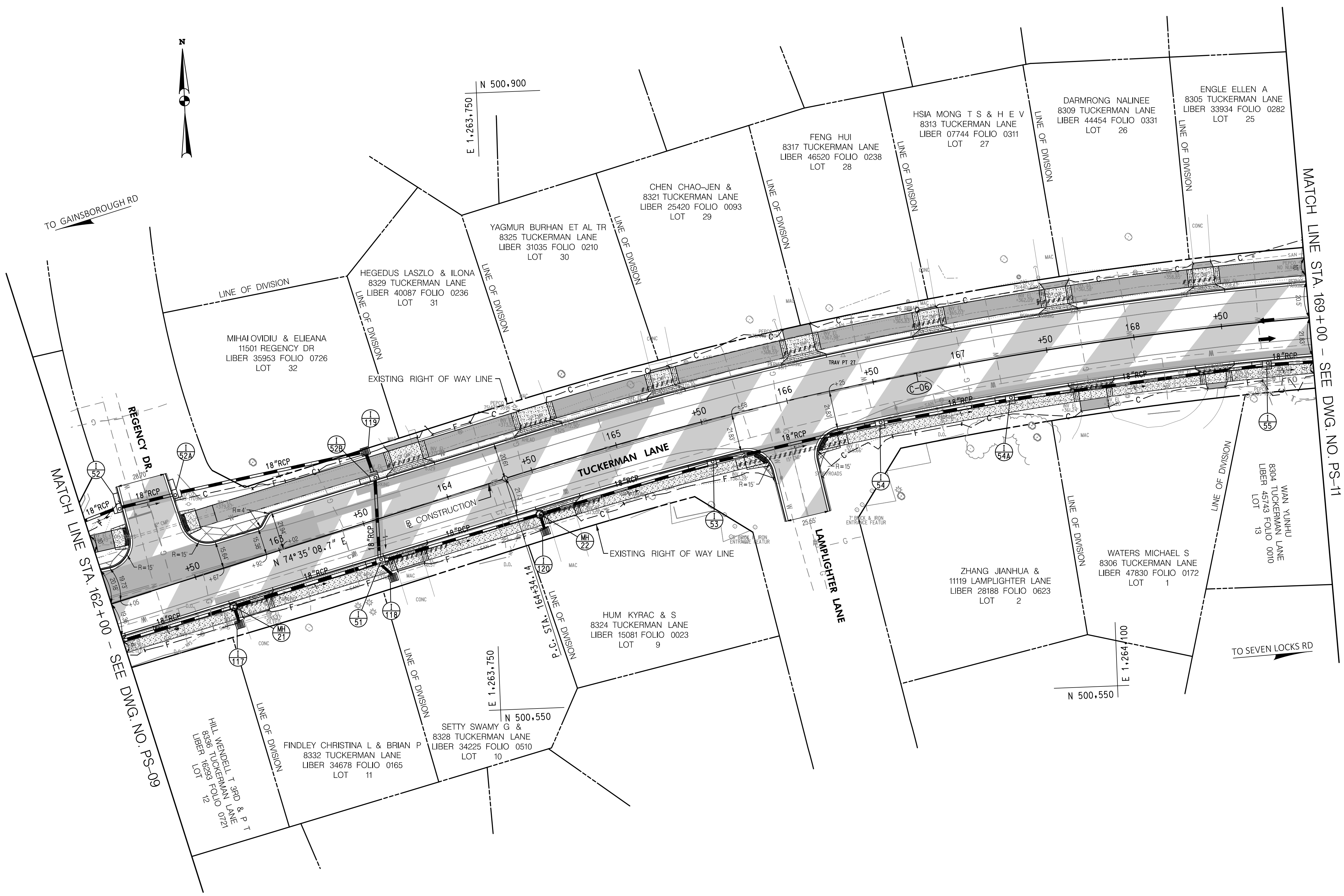
SIDEWALK RAMP CONSTRUCTION

TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)

XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.

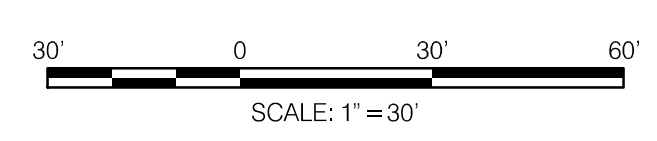
- GENERAL NOTE:**
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 - FOR PAVEMENT MARKINGS REFER TO SIGNING AND PAVEMENT MARKING PLANS SN-01 TO SN-15.
 - FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.



LEGEND

	SHARED USE PATH		TOP OF CUT
	FULL DEPTH PAVEMENT		TOE OF FILL
	FINE MILLING & ASPHALT RESURFACING		WETLAND
	CONCRETE DRIVEWAY/ SIDEWALK		WETLAND BUFFER
	PAVEMENT REMOVAL		WATERS OF THE US
	DETECTABLE WARNING SURFACE		CONSTRUCTION
	RIPRAP		

PIPE INLET
END SECTION
STD. MANHOLE
STORM DRAIN
ENDWALL



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Chief, Design Section _____ Date _____
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Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

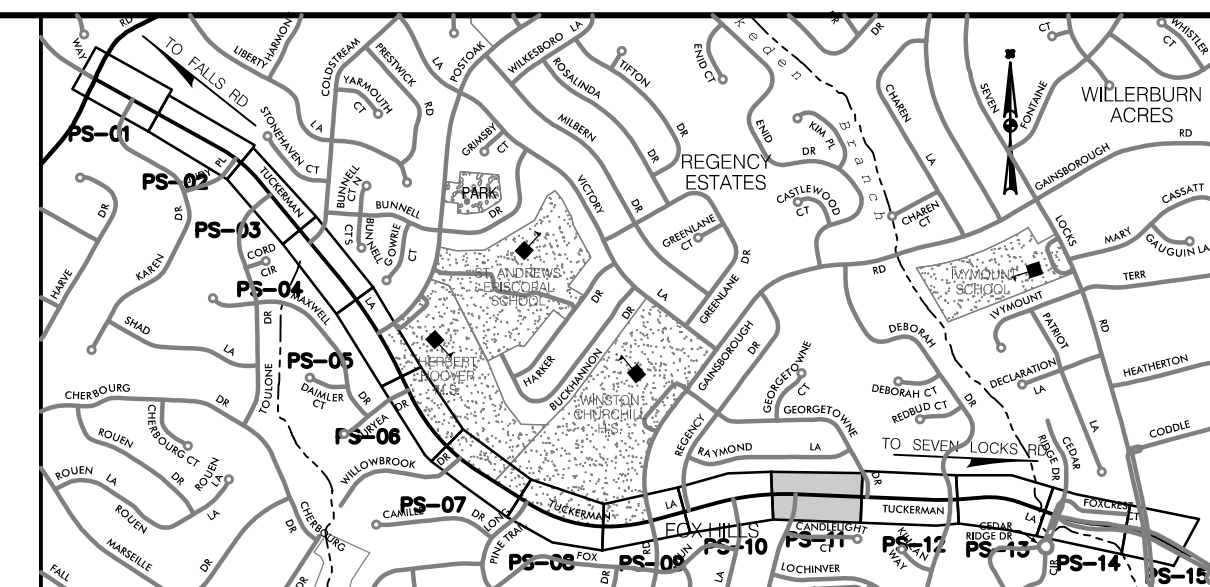
TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET PS-10
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 162+00 TO STA. 169+00**

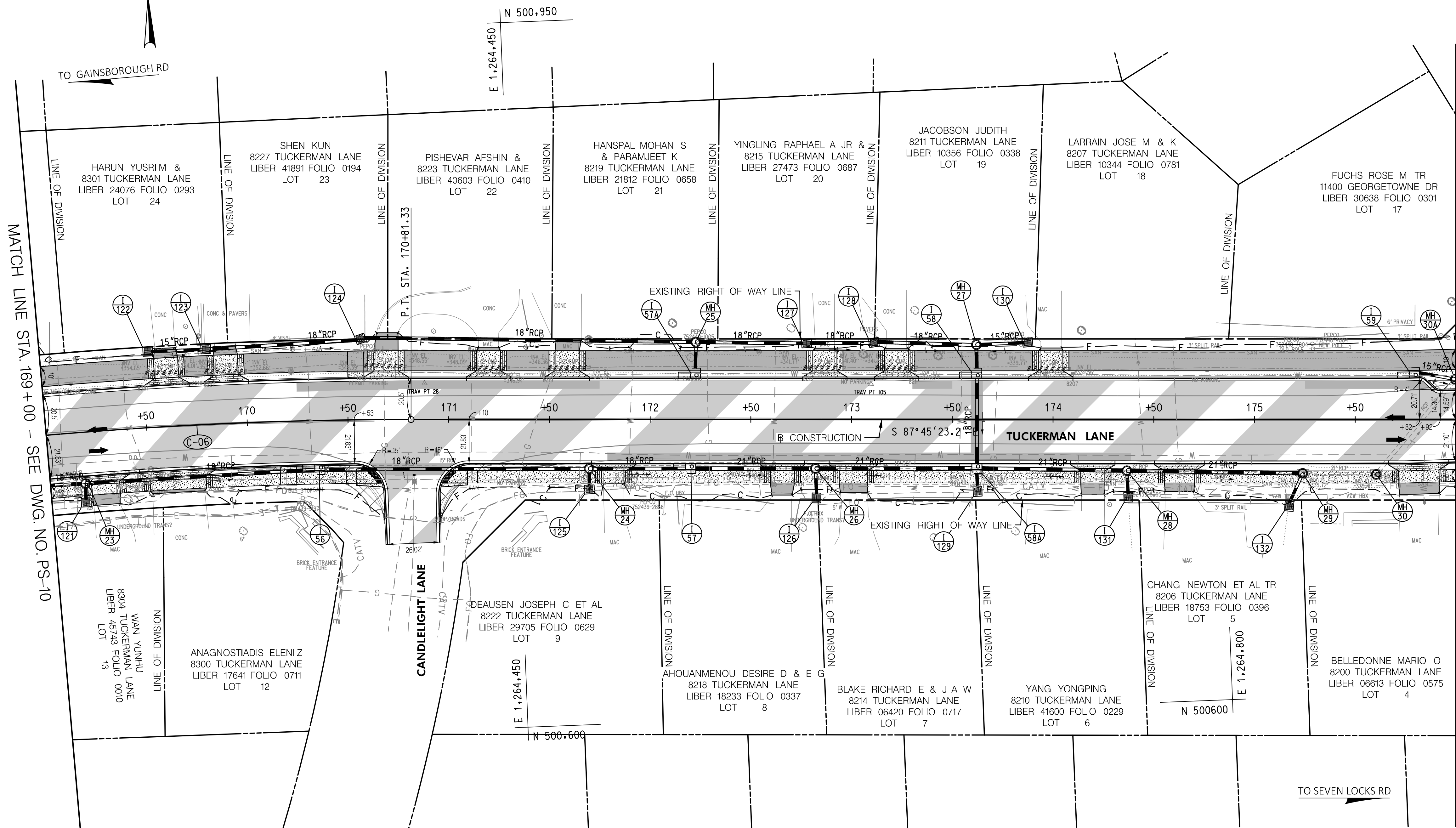
SCALE: 1"=30' 10/2021

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 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

DEPRESSED CURB ENTRANCE (MC-102.01)
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY (MC-301.01)
 XX S.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX S.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX S.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PAVEMENT
 XX C.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX C.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX C.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING MASONRY
 XX C.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX C.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX C.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

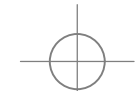
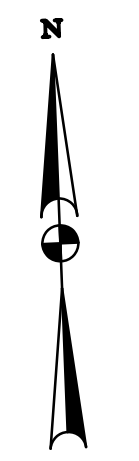
REMOVAL OF EXISTING PIPE
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

1 INCH CONCRETE SIDEWALK
 XX S.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX S.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX S.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

SIDEWALK RAMP CONSTRUCTION
 TUCKERMAN LANE - STA. XX+XX, XX. MC-XXX.XX
 TUCKERMAN LANE - STA. XX+XX, XX. MC-XXX.XX
 TUCKERMAN LANE - STA. XX+XX, XX. MC-XXX.XX

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)
 XX S.F. TUCKERMAN LANE - STA. XX+XX, XX.
 XX S.F. TUCKERMAN LANE - STA. XX+XX, XX.
 XX S.F. TUCKERMAN LANE - STA. XX+XX, XX.

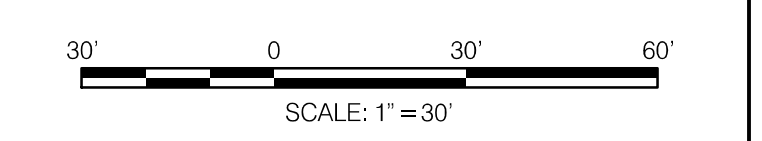
GENERAL NOTE:
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 3. FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.



LEGEND

	SHARED USE PATH		TOP OF CUT
	FULL DEPTH PAVEMENT		TOE OF FILL
	FINE MILLING & ASPHALT RESURFACING		WETLAND
	CONCRETE DRIVEWAY/ SIDEWALK		WETLAND BUFFER
	PAVEMENT REMOVAL		WATERS OF THE US
	DETECTABLE WARNING SURFACE		CONSTRUCTION
	RIPRAP		

PIPE INLET
 END SECTION STD. MANHOLE
 STORM DRAIN SYMBOLS ENDWALL



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35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
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 100 EDISON PARK DRIVE, 4TH FLOOR
 GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
 APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

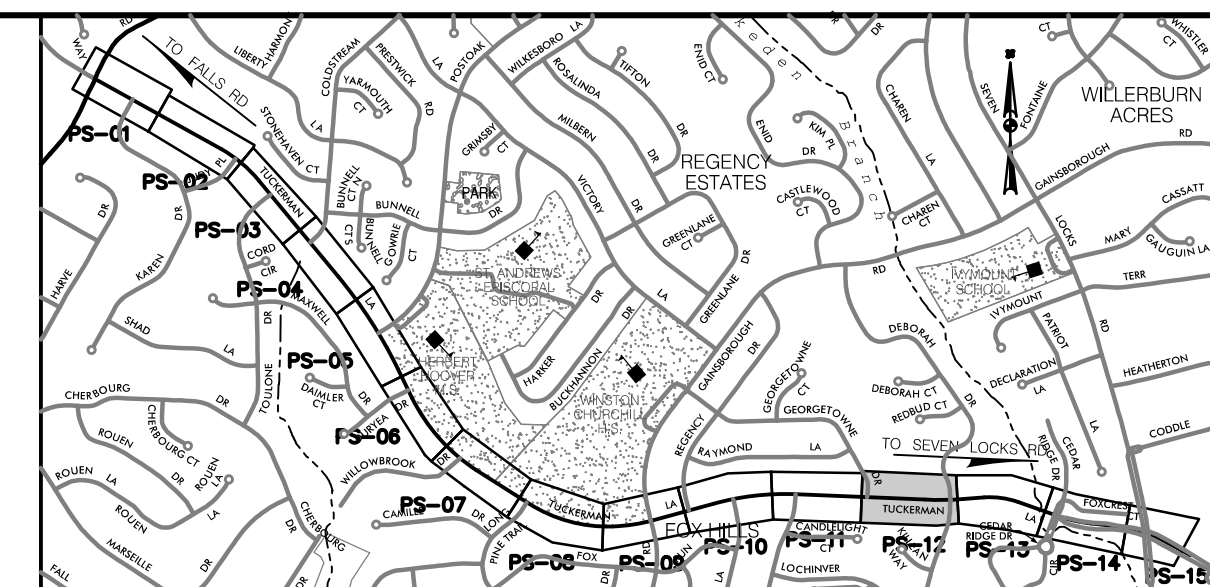
TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET PS-11
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 169+00 TO STA. 176+00

SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 39 of 175

WALLACE MONTGOMERY
 ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS
 10150 York Road, Suite 200
 Hunt Valley, Maryland 21030
 410.494.9093 Tel / 410.667.0925 Fax
 www.WallaceMontgomery.com A Limited Liability Partnership



LOCATION MAP
SCALE: 1"=1500'

STANDARD MONTGOMERY COUNTY TYPE A COMBINATION CURB AND GUTTER, 16" GUTTER PAN, 8" MIN. DEPTH (MC-100.01)

XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

DEPRESSED CURB ENTRANCE (MC-102.01)

XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY (MC-701.01)

XX S.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX S.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX S.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PAVEMENT

XX C.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX C.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX C.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING MASONRY

XX C.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX C.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX C.Y. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PIPE

XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX L.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

1 INCH CONCRETE SIDEWALK

XX S.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX S.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
 XX S.F. TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

SIDEWALK RAMP CONSTRUCTION

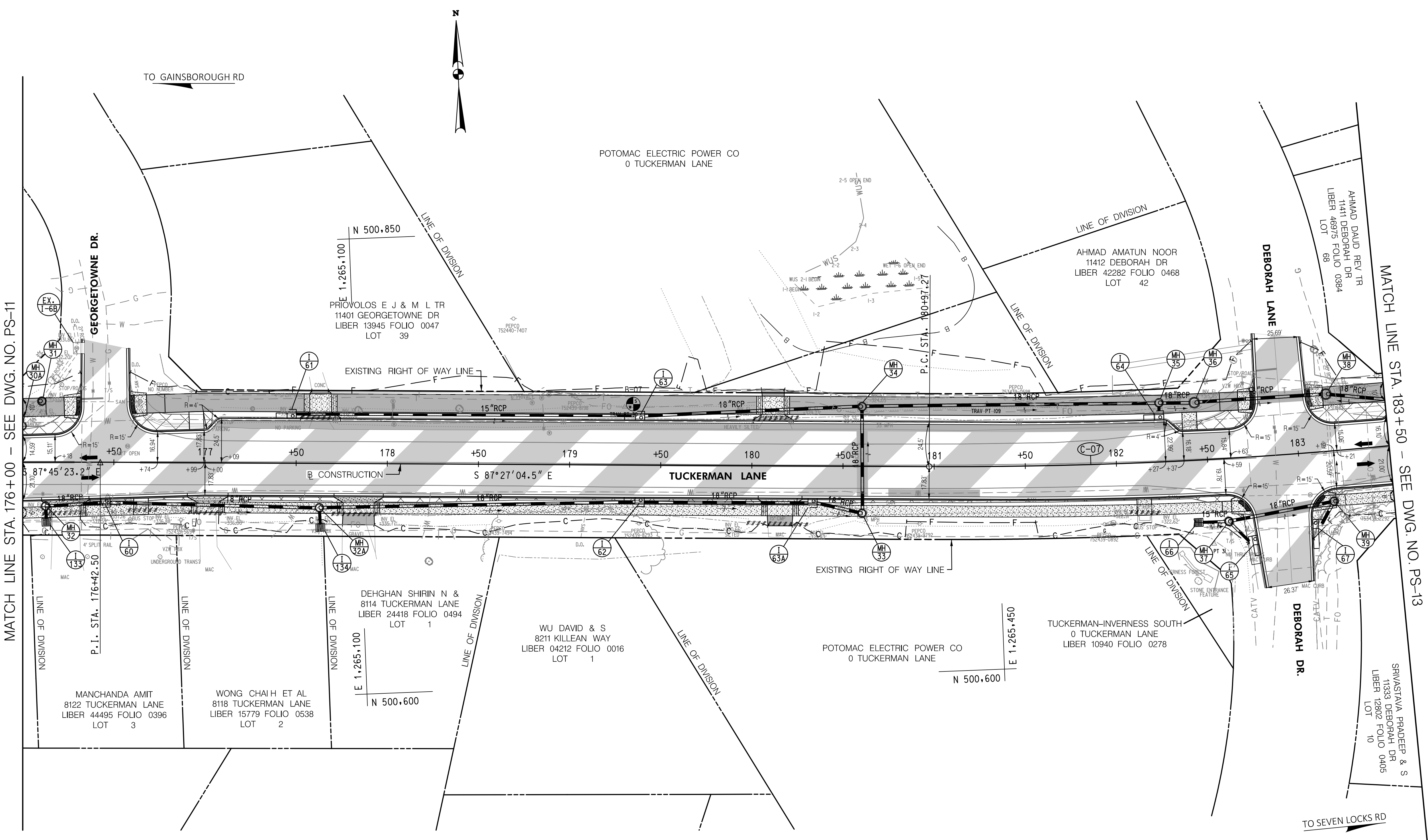
TUCKERMAN LANE - STA. XX+XX, XX. MC-XXX.XX
 TUCKERMAN LANE - STA. XX+XX, XX. MC-XXX.XX
 TUCKERMAN LANE - STA. XX+XX, XX. MC-XXX.XX

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)

XX S.F. TUCKERMAN LANE - STA. XX+XX, XX.
 XX S.F. TUCKERMAN LANE - STA. XX+XX, XX.
 XX S.F. TUCKERMAN LANE - STA. XX+XX, XX.

GENERAL NOTE:

- EXISTING RIGHT OF WAY LINES ARE BASED ON GIS INFORMATION.
- FOR PAVEMENT MARKINGS REFER TO SIGNING AND PAVEMENT MARKING PLANS SN-01 TO SN-15.
- FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.



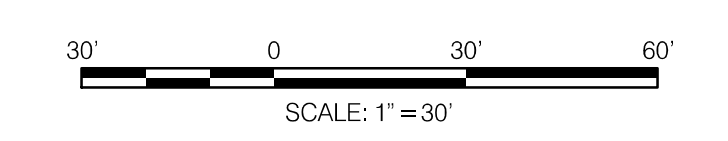
MATCH LINE STA. 176+00 - SEE DWG. NO. PS-11

MATCH LINE STA. 183+50 - SEE DWG. NO. PS-13

LEGEND

	SHARED USE PATH		TOP OF CUT
	FULL DEPTH PAVEMENT		TOE OF FILL
	FINE MILLING & ASPHALT RESURFACING		WETLAND
	CONCRETE DRIVEWAY/ SIDEWALK		WETLAND BUFFER
	PAVEMENT REMOVAL		WATERS OF THE US
	DETECTABLE WARNING SURFACE		CONSTRUCTION
	RIPRAP		

PIPE INLET
END SECTION MANHOLE
STANDARD MANHOLE
STORM DRAIN ENDWALL



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.

MARK J. BODMANN MD NO-31487 EXP-03/18/2023

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

DATE: 09-17-2021

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

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Chief, Design Section _____ Date _____
 APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

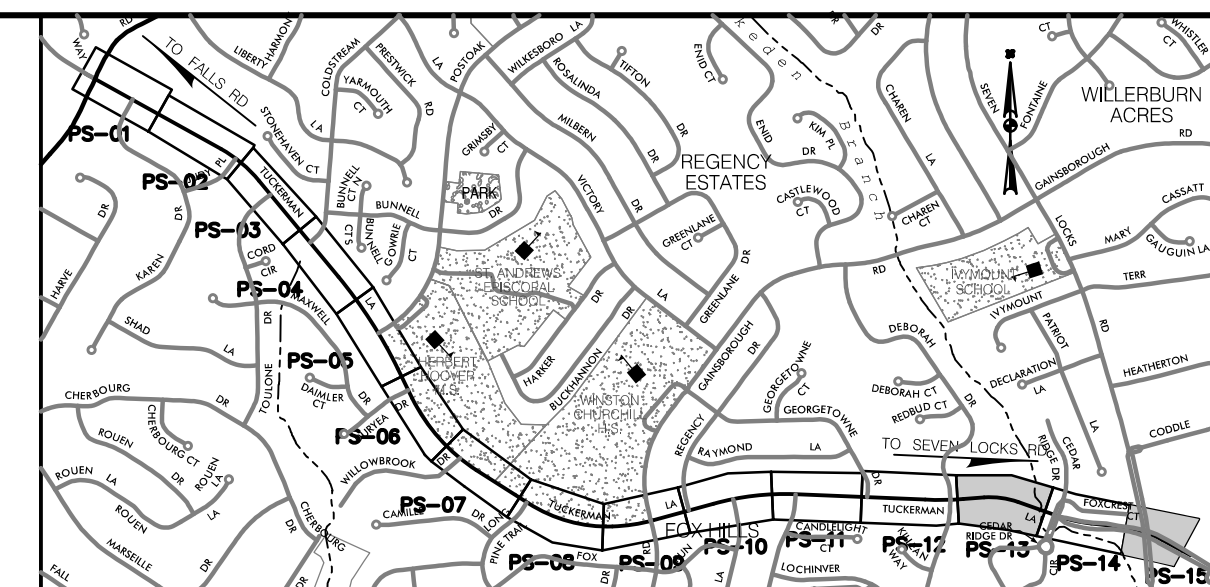
**PLAN SHEET PS-12
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 176+00 TO STA. 183+50**

SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 40 of 175

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www.WallaceMontgomery.com A Limited Liability Partnership

BY: sabbasgholipour



LOCATION MAP
SCALE: 1"=1500'

STANDARD MONTGOMERY COUNTY TYPE A COMBINATION CURB AND GUTTER, 16" GUTTER PAN, 8" MIN. DEPTH (MC-100.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

DEPRESSED CURB ENTRANCE (MC-102.01)

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY (MC-701.01)

XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PAVEMENT

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING MASONRY

XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PIPE

XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

1 INCH CONCRETE SIDEWALK

XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

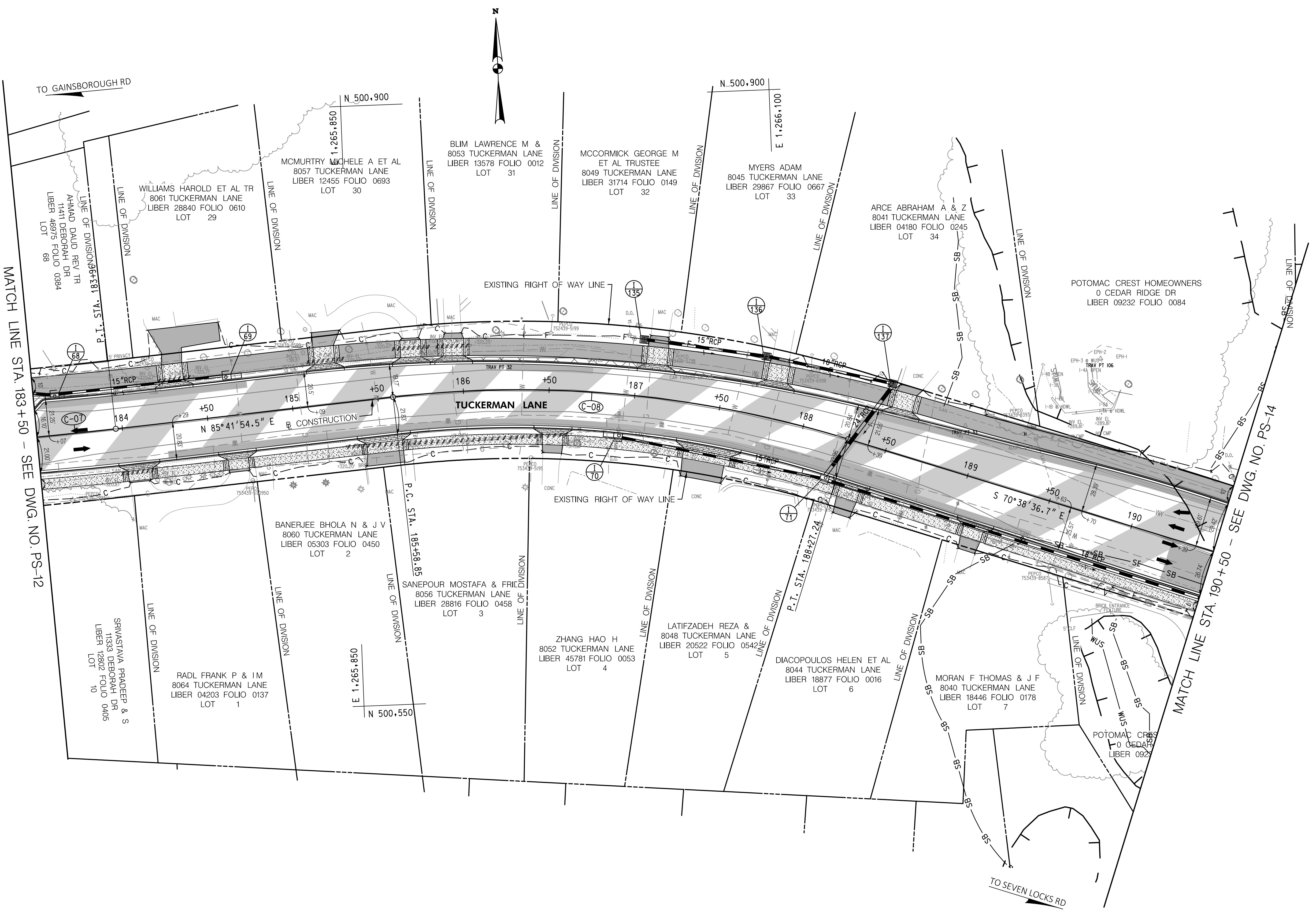
SIDEWALK RAMP CONSTRUCTION

TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)

XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.

GENERAL NOTE:
1. EXISTING RIGHT OF WAY LINES ARE BASED ON GIS INFORMATION.
2. FOR PAVEMENT MARKINGS REFER TO SIGNING AND PAVEMENT MARKING PLANS SN-01 TO SN-15.
3. FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.



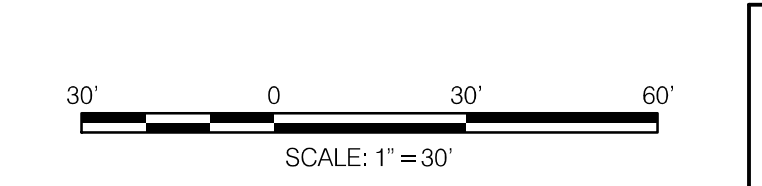
MATCH LINE STA. 183+50 - SEE DWG. NO. PS-12

MATCH LINE STA. 190+50 - SEE DWG. NO. PS-14

CONSTRUCTION UNDER REVIEW

LEGEND

	SHARED USE PATH		TOP OF CUT
	FULL DEPTH PAVEMENT		TOE OF FILL
	FINE MILLING & ASPHALT RESURFACING		WETLAND
	CONCRETE DRIVEWAY/ SIDEWALK		WETLAND BUFFER
	PAVEMENT REMOVAL		WATERS OF THE US
	DETECTABLE WARNING SURFACE		CONSTRUCTION
	RIPRAP		



PROFESSIONAL CERTIFICATION
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MARK J. BODMANN MD N0-31487 EXP-03/18/2023

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
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GAITHERSBURG, MD 20878

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Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

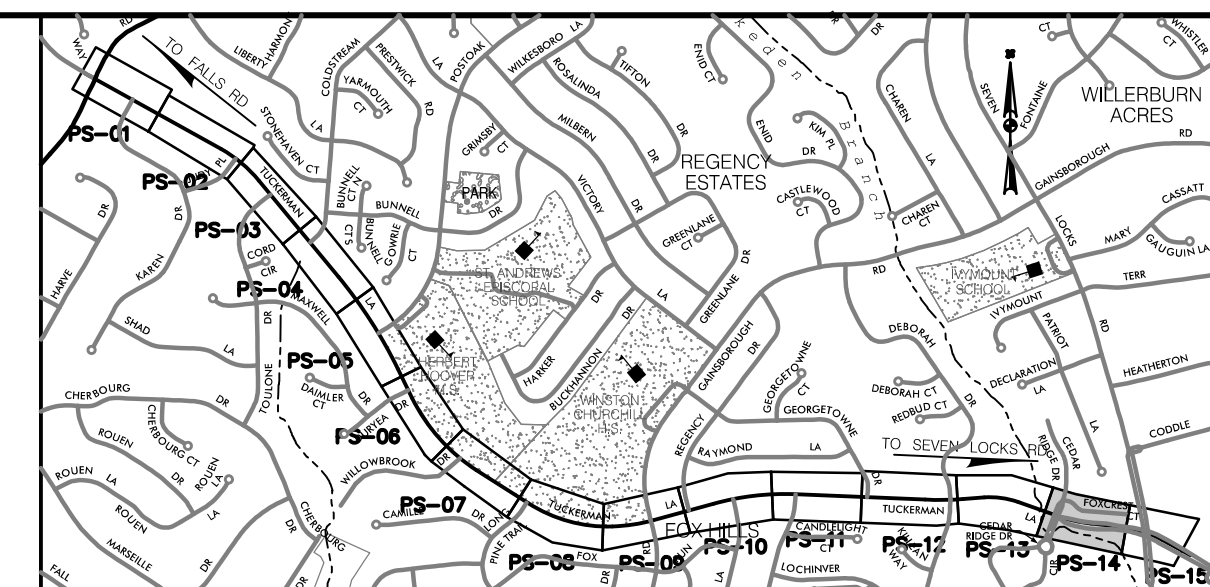
TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET PS-13
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 183+50 TO STA. 190+50

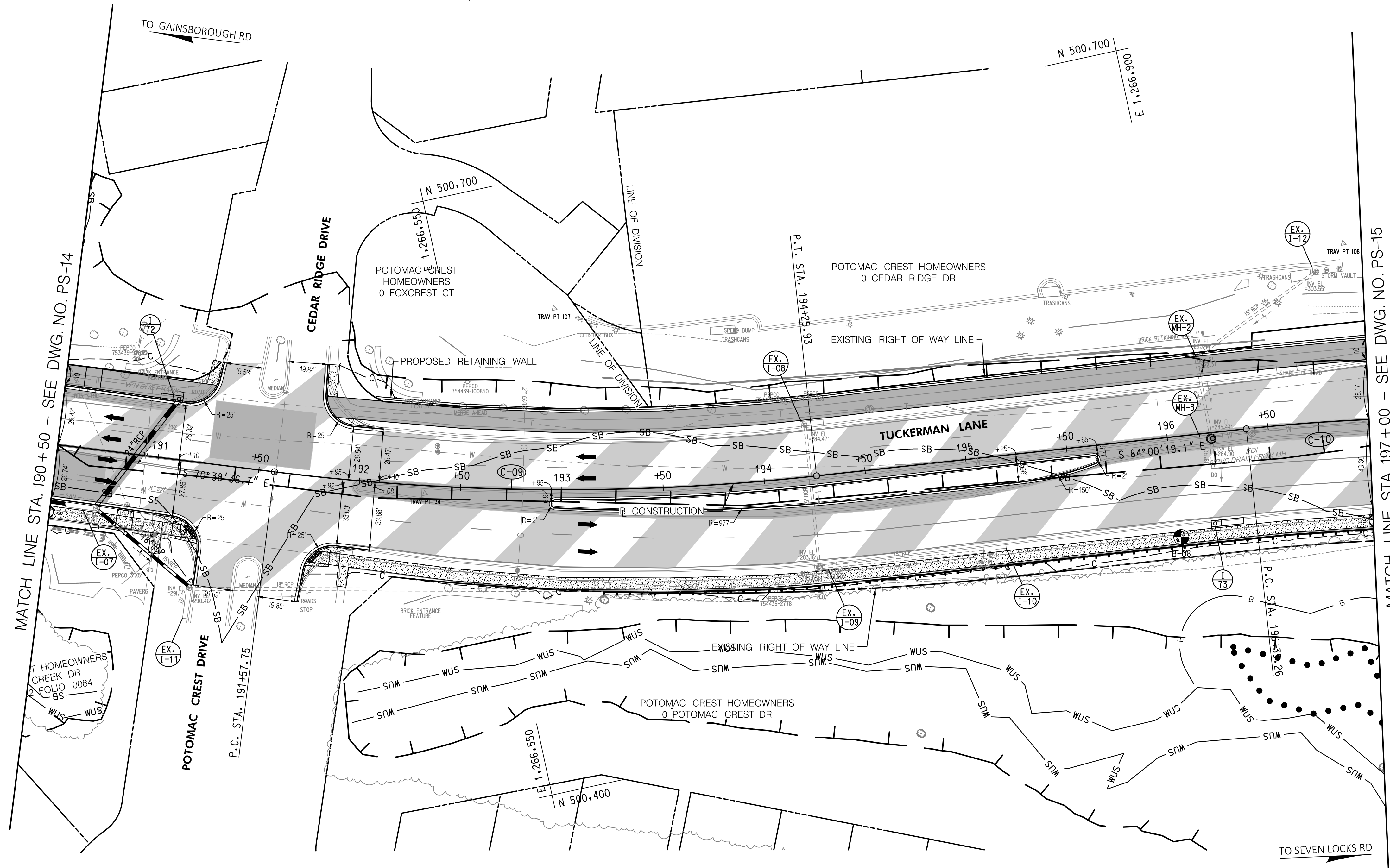
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 41 of 175

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LOCATION MAP
SCALE: 1"=1500'



STANDARD MONTGOMERY COUNTY TYPE A COMBINATION CURB AND GUTTER, 16" GUTTER PAN, 8" MIN. DEPTH (MC-100.01)		
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

DEPRESSED CURB ENTRANCE (MC-102.01)		
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY (MC-103.01)		
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

REMOVAL OF EXISTING PAVEMENT		
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

REMOVAL OF EXISTING MASONRY		
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

REMOVAL OF EXISTING PIPE		
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

1 INCH CONCRETE SIDEWALK		
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.	

SIDEWALK RAMP CONSTRUCTION		
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX	
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX	
TUCKERMAN LANE - STA. XX+XX, XX.	MC-XXX.XX	

DETECTABLE WARNING SURFACE FOR CURB RAMPS (MD 655.40)		
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.	
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.	
XX S.F.	TUCKERMAN LANE - STA. XX+XX, XX.	

- GENERAL NOTE:
- EXISTING RIGHT OF WAY LINES ARE BASED ON GIS INFORMATION.
 - FOR PAVEMENT MARKINGS REFER TO SIGNING AND PAVEMENT MARKING PLANS SN-01 TO SN-15.
 - FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.

LEGEND

- SHARED USE PATH
- FULL DEPTH PAVEMENT
- FINE MILLING & ASPHALT RESURFACING
- CONCRETE DRIVEWAY/ SIDEWALK
- PAVEMENT REMOVAL
- DETECTABLE WARNING SURFACE
- RIPRAP

- TOP OF CUT
- TOE OF FILL
- WETLAND
- WETLAND BUFFER
- WATERS OF THE US
- CONSTRUCTION

SCALE: 1"=30'

PROFESSIONAL CERTIFICATION

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MARK J. BODMANN MD NO-31487 EXP-03/18/2023

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section	Date
APPROVED	
Chief, Division of Engineering Services	Date
Designed by: S.A.T.	Drawn by: S.A.T.
Checked by: M.J.B.	

TAX MAPS: HQ31, HQ32, Q0121	WSSC GRIDS: 215NW09, 214NW09, 214NW08
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PLAN SHEET PS-14
 ROADWAY PLANS
 TUCKERMAN LANE
 SIDEWALK/BIKEWAY
 PROJECT - SEGMENT 1
 STA. 191+00 TO STA. 197+00

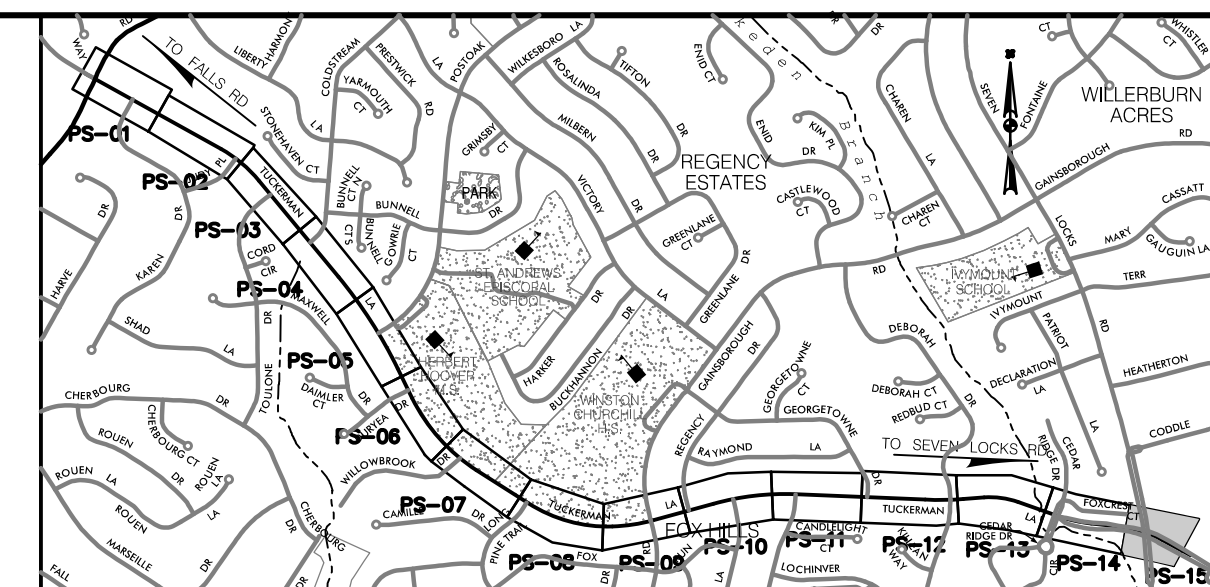
SCALE: 1"=30' 10/2021

Project No. : C.I.P. PR. # 509337	SHEET 42 of 175
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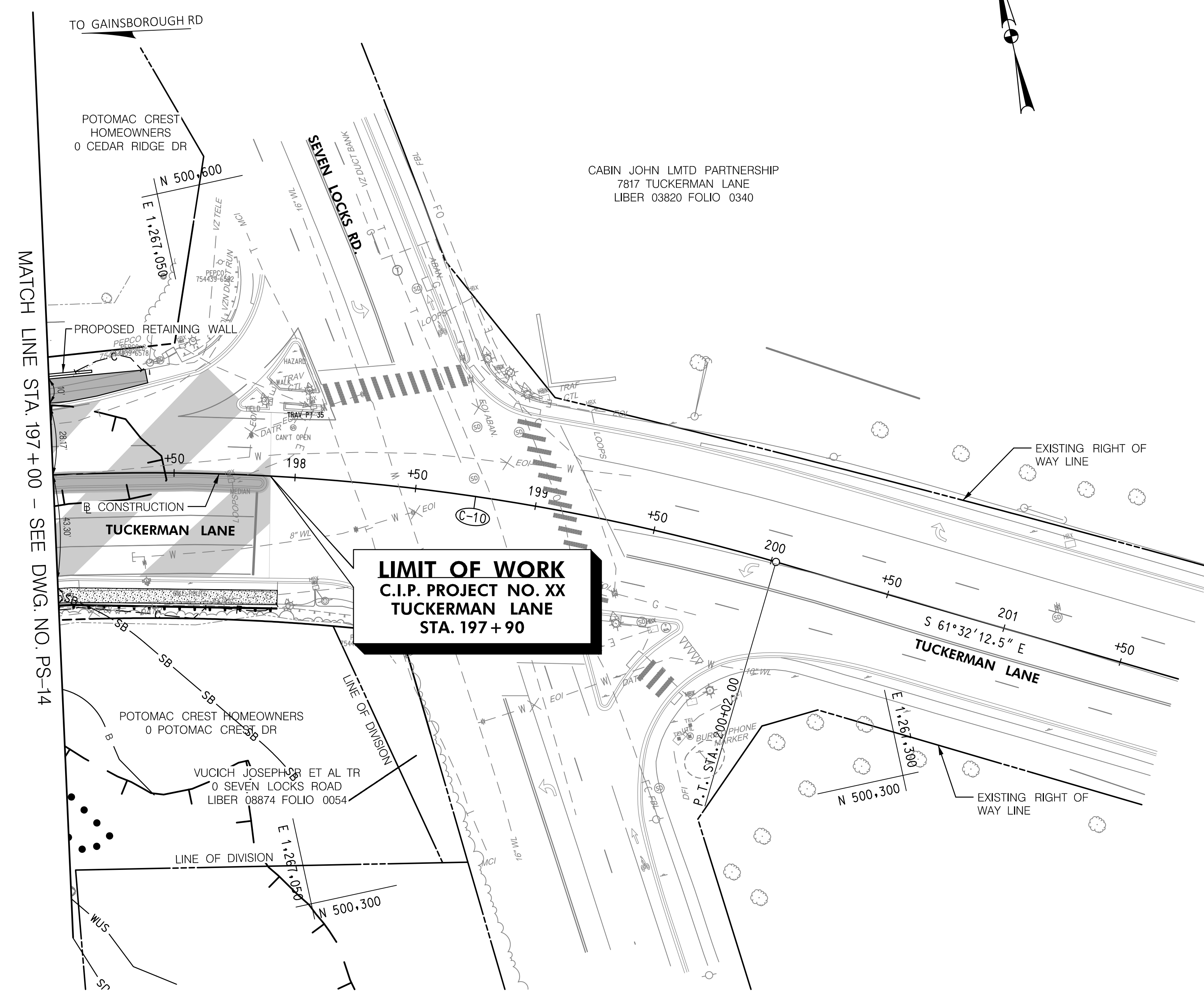
WALLACE MONTGOMERY

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10150 York Road, Suite 200
Hunt Valley, Maryland 21030
410.494.9093 Tel / 410.667.0925 Fax
www.WallaceMontgomery.com

PLOTTED: 3/8/2023
FILE: M:\PROJ\220015\0001\Highways_Cadd_LPD-P014_Tuckerman.dgn



LOCATION MAP
SCALE: 1"=1500'



STANDARD MONTGOMERY COUNTY TYPE A COMBINATION CURB AND GUTTER, 16" GUTTER PAN, 8" MIN. DEPTH (MC-100.01)	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

DEPRESSED CURB ENTRANCE (MC-102.01)	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

7 INCH PORTLAND CEMENT CONCRETE PAVEMENT FOR RESIDENTIAL DRIVEWAY MK. NO. 9 (MC-301.01)	
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX S.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PAVEMENT	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING MASONRY	
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX C.Y.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

REMOVAL OF EXISTING PIPE	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

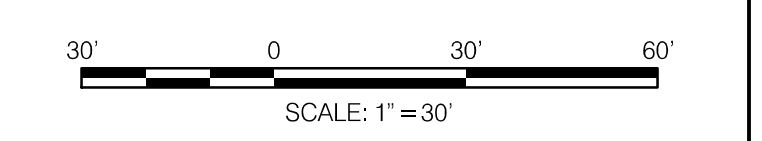
4 INCH CONCRETE SIDEWALK	
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.
XX L.F.	TUCKERMAN LANE - STA. XX+XX TO STA. XX+XX, XX.

- GENERAL NOTES:
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 - FOR PAVEMENT MARKINGS REFER TO SIGNING AND PAVEMENT MARKING PLANS SN-01 TO SN-15.
 - FOR LANE WIDTHS REFER TO TYPICAL SECTIONS TS-01 TO TS-03.

LEGEND

	SHARED USE PATH		TOP OF CUT
	FULL DEPTH PAVEMENT		TOE OF FILL
	FINE MILLING & ASPHALT RESURFACING		WETLAND
	CONCRETE DRIVEWAY/ SIDEWALK		WETLAND BUFFER
	PAVEMENT REMOVAL		WATERS OF THE US
	DETECTABLE WARNING SURFACE		CONSTRUCTION
	RIPRAP		

PIPE: INLET, END, STD. MANHOLE, ENDWALL, STORM DRAIN SYMBOLS



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.
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35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

DATE: 09-17-2021

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DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: S.A.T. Drawn by: S.A.T. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET PS-15
ROADWAY PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 197+00 TO STA. 201+50**

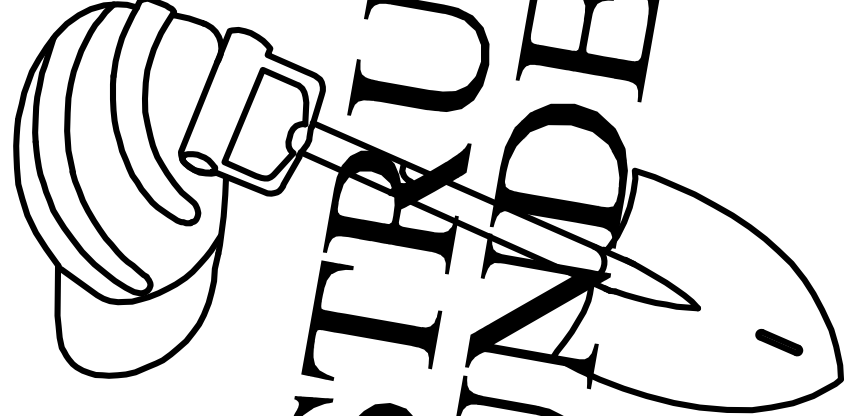
SCALE: 1"=30' 10/2021

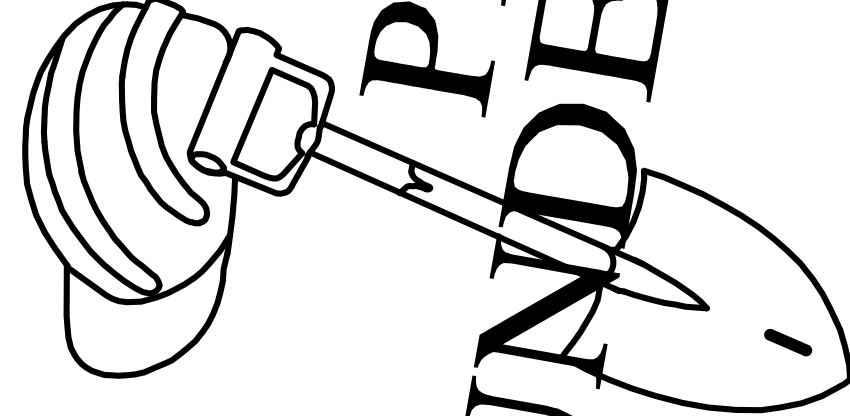
Project No.: C.I.P. PR. # 509337 SHEET 43 of 175

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STRUCTURE SCHEDULE											
PLAN SHEET	NUMBER	STATION	OFFSET	NORTHING	EASTING	TYPE	ELEVATION		STANDARD	VERTICAL DEPTH	COMMENTS
							TOP	INVERT			
PS-XX	I-01	XX+XX.XX	XX.XX' XX.	XXX,XXX.XX	X,XXX,XXX.XX	10' SQUARE COG INLET	XXX	XXX	MO CO-XX.XX	XXX	XXX
PS-XX	I-02	XX+XX.XX	XX.XX' XX.	XXX,XXX.XX	X,XXX,XXX.XX	10' SQUARE COG INLET	XXX	XXX	MO CO-XX.XX	XXX	XXX
PS-XX	I-03	XX+XX.XX	XX.XX' XX.	XXX,XXX.XX	X,XXX,XXX.XX	15' SQUARE COG INLET	XXX	XXX	MO CO-XX.XX	XXX	XXX

PIPE SCHEDULE						
PLAN SHEET	FROM	TO	SIZE	TYPE	CLASS	LENGTH
PS-01	I-01	I-02	18"	RCP	CLASS 4	XX'
PS-01	I-02	I-03	18"	RCP	CLASS 4	XX'
PS-01	I-03	I-04	18"	RCP	CLASS 4	XX'
PS-01	I-04	I-05	18"	RCP	CLASS 4	XX'


STRUCTURE SCHEDULE UNDER CONSTRUCTION


PIPE SCHEDULE UNDER CONSTRUCTION

YARD INLET PROFILE TABLE

FROM	TO	Q10 (cfs)	LENGTH (ft)	V10 (ft/s)	US INVERT (ft)	DS INVERT (ft)	TOP ELEV. (ft)
I-100	MH-01	0.03	6.56	0.42	397.03	397.00	401.75
I-101	MH-02	0.03	6.81	0.38	395.19	395.16	400.47
I-102	MH-03	0.10	13.24	1.17	382.27	382.20	386.31
I-106	MH-10	0.01	6.51	0.14	369.87	369.84	375.52
I-105	I-24A	0.01	8.18	0.09	366.39	366.35	371.75
I-104	MH-09	0.09	8.57	1.12	345.61	345.57	348.88
I-107	MH-12	0.03	5.37	0.43	369.97	369.94	377.69
I-108	MH-13	0.05	5.90	0.58	367.59	367.56	374.51
I-113	MH-19	0.23	16.00	1.55	340.78	340.70	345.42
I-130	MH-27	0.02	21.82	0.29	338.73	338.62	341.86
I-117	MH-21	0.01	6.91	0.08	378.34	378.30	382.88
I-118	I-51	0.01	7.77	0.15	374.54	374.50	379.33
I-120	MH-22	0.02	6.39	0.22	369.00	368.97	375.59
I-121	MH-23	0.04	5.64	0.54	351.10	351.07	356.84
I-125	MH-24	0.04	6.51	0.45	342.65	342.62	347.03
I-126	MH-26	0.46	10.88	2.01	339.69	339.64	343.49
I-129	I-58A	0.25	7.16	1.60	337.95	337.91	341.82
I-131	MH-28	0.30	9.53	1.73	337.00	336.95	340.79
I-132	MH-29	0.20	14.06	1.45	335.99	335.92	341.26
I-134	MH-32A	0.11	6.99	1.22	332.19	332.15	337.68

BY: sabbasgholipour




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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.
 MARK J. BODMANN MD NO-31487 EXP-03/18/2023

SEAL
 DATE: 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
 NAVD 88 VERTICAL



MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 100 EDISON PARK DRIVE, 4TH FLOOR
 GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
 APPROVED

Chief, Division of Engineering Services _____ Date _____

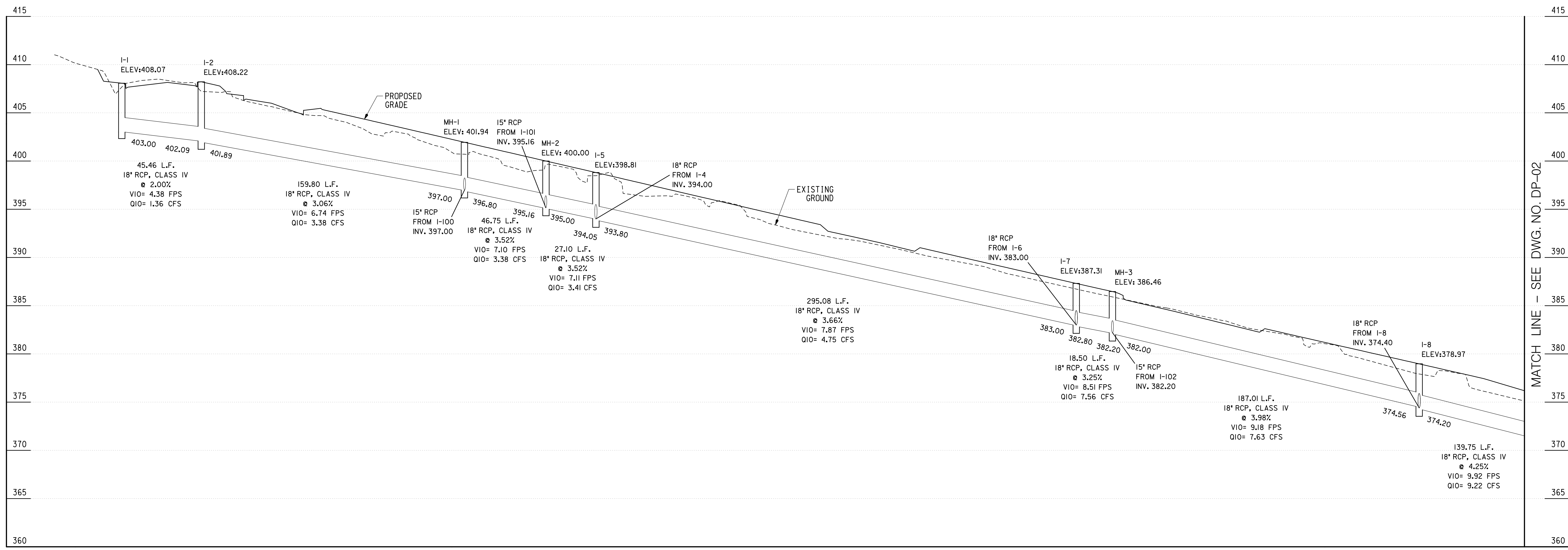
Designed by : N.D.K. Drawn by : A.M.G. Checked by : M.J.B.

TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET DD-01
 DRAINAGE SCHEDULE & DETAILS
 TUCKERMAN LANE
 SIDEWALK/BIKEWAY
 PROJECT - SEGMENT 1**

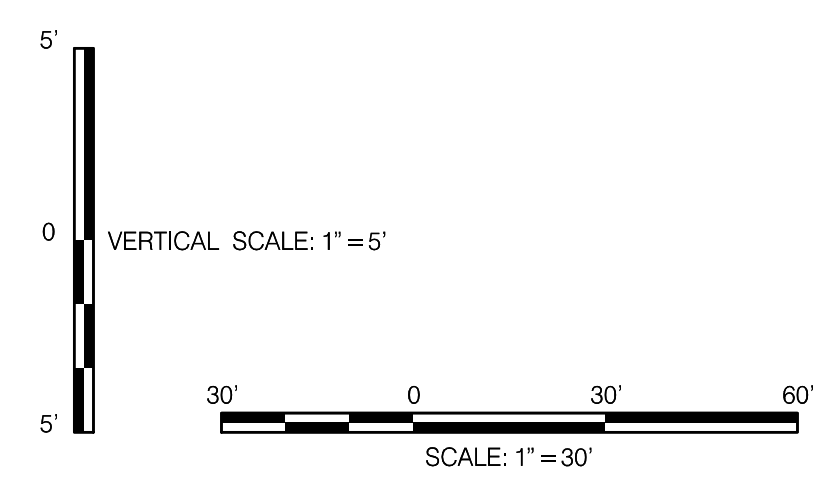
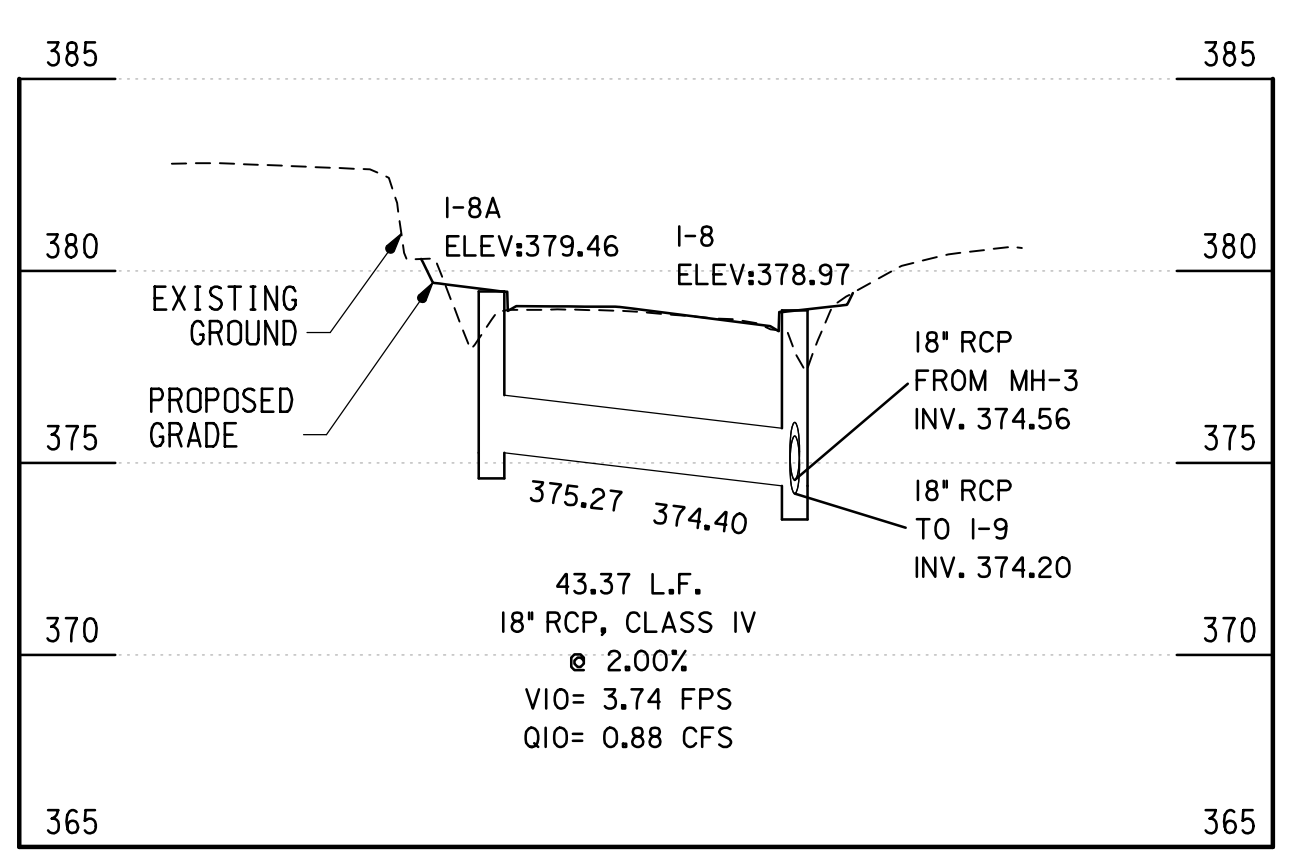
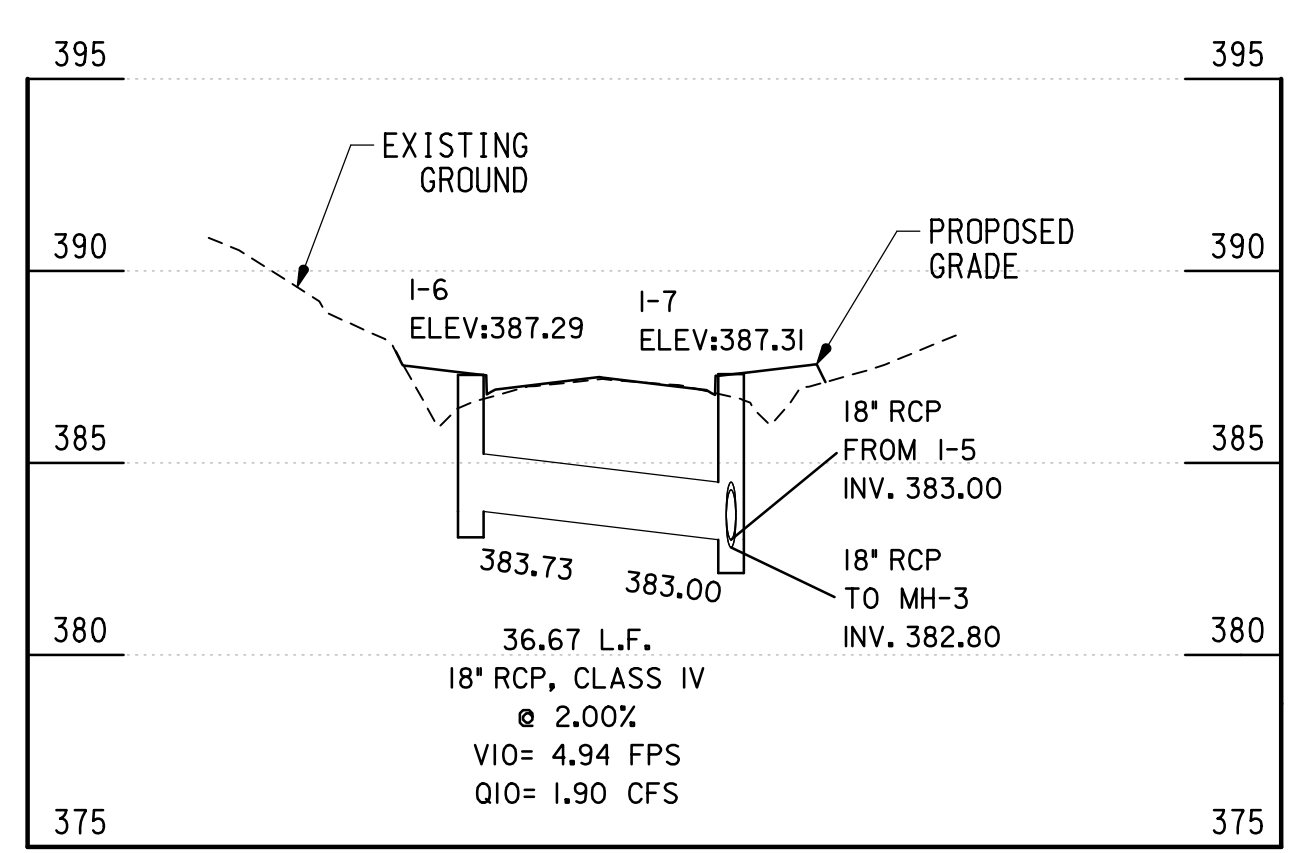
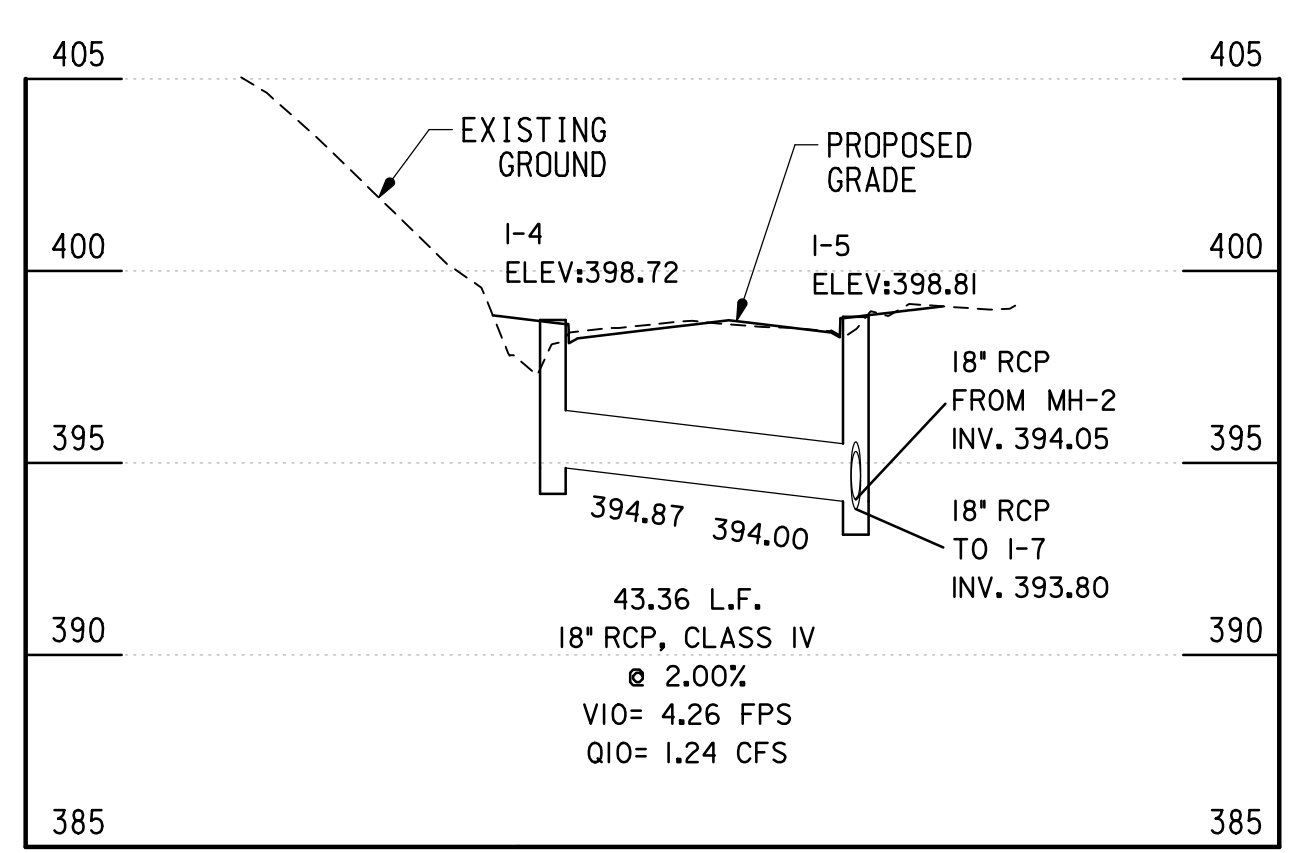
SCALE : N.T.S. 10/2021

Project No. : C.I.P. PR. # 509337 SHEET 45 of 175



MATCH LINE - SEE DWG. NO. DP-02

I-1 TO I-8
 SCALE: HOR. 1"=30'
 VERT. 1"=5'



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Chief, Division of Engineering Services _____ Date _____

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TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

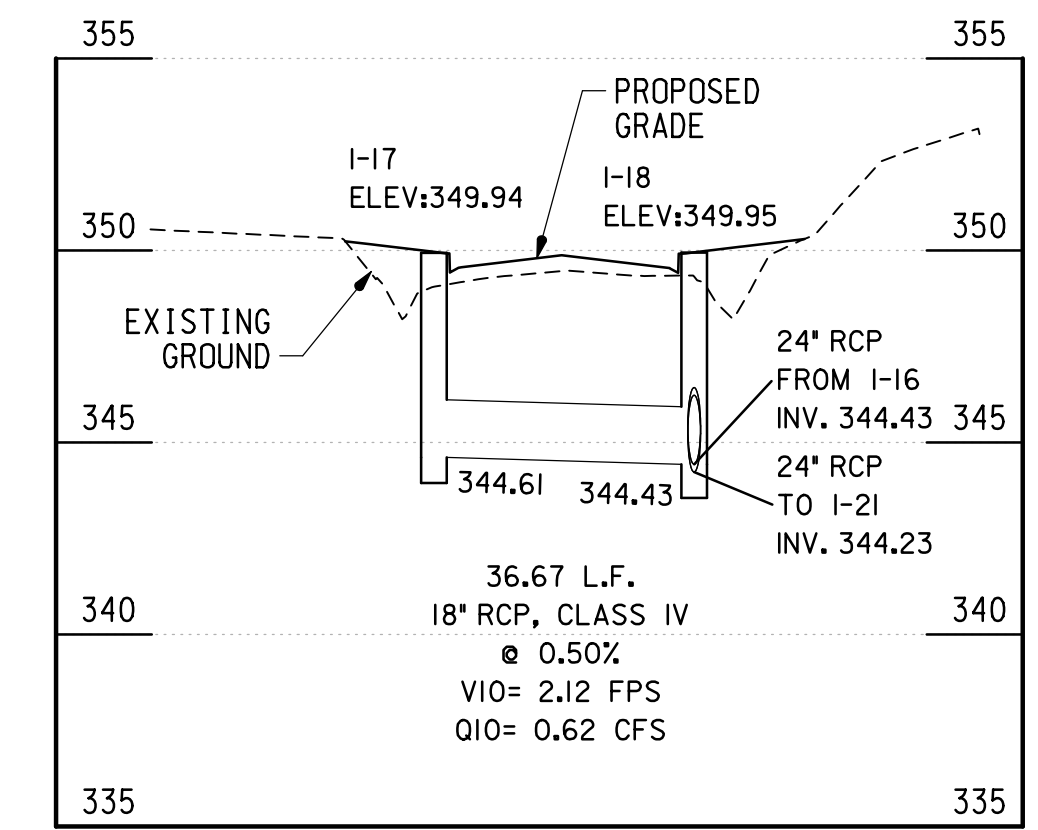
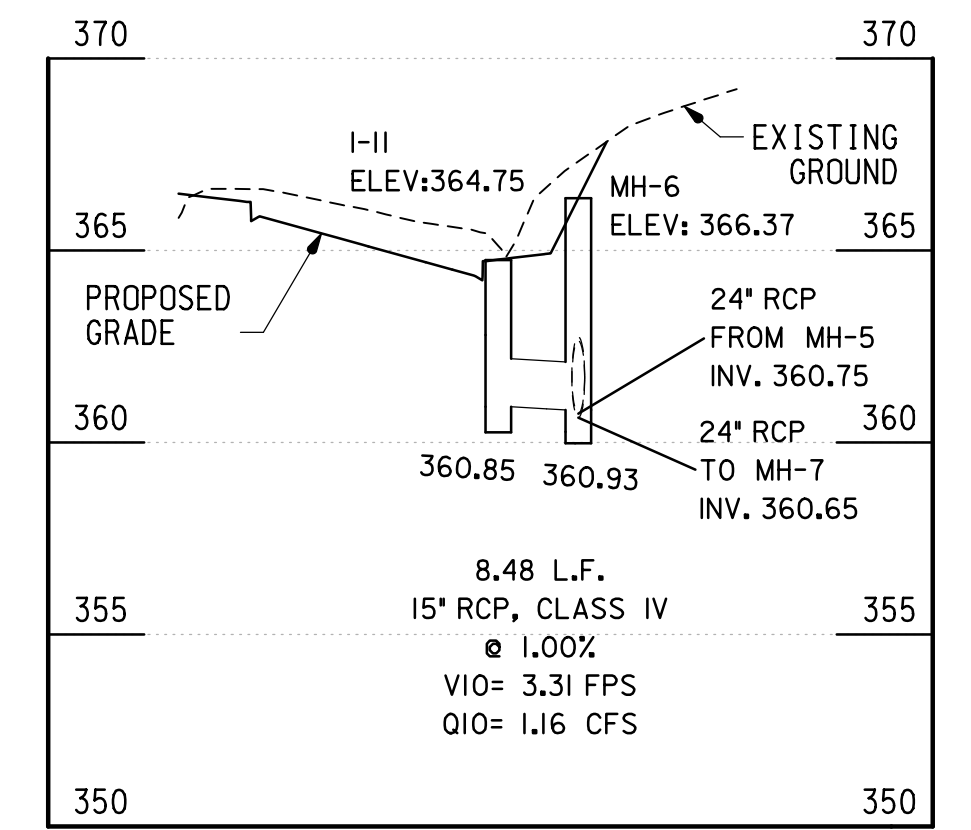
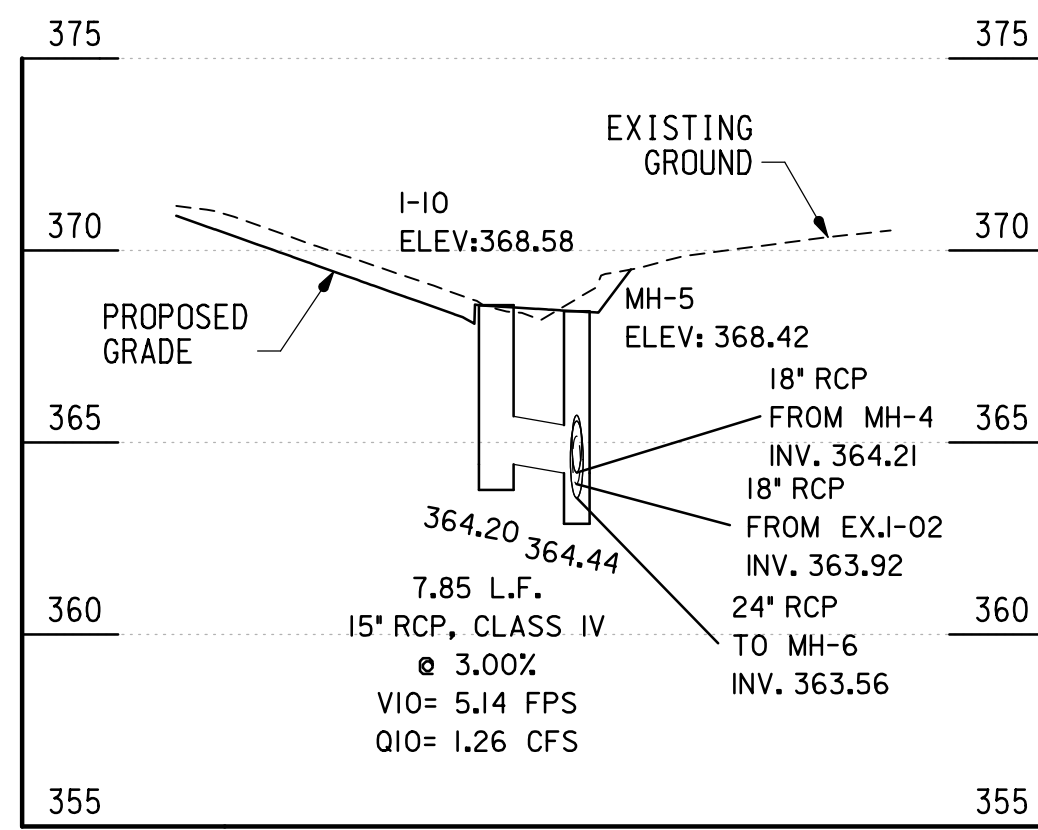
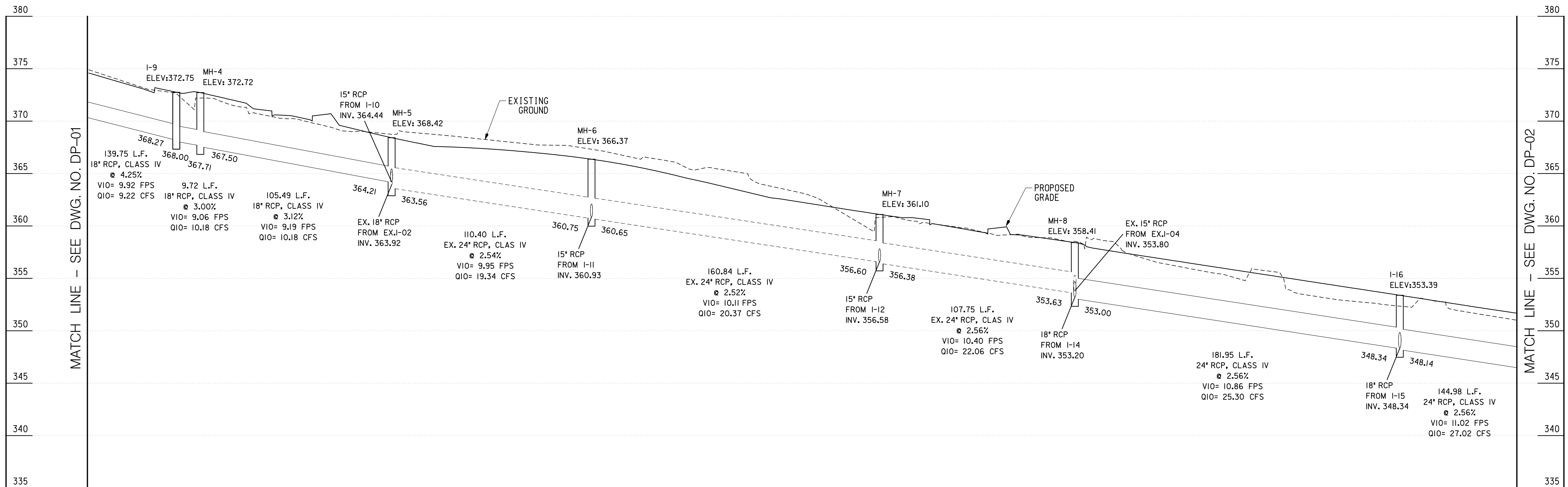
**PLAN SHEET DP-01
 DRAINAGE PROFILES
 TUCKERMAN LANE
 SIDEWALK/BIKEWAY
 PROJECT - SEGMENT 1**

SCALE: AS SHOWN 10/2021

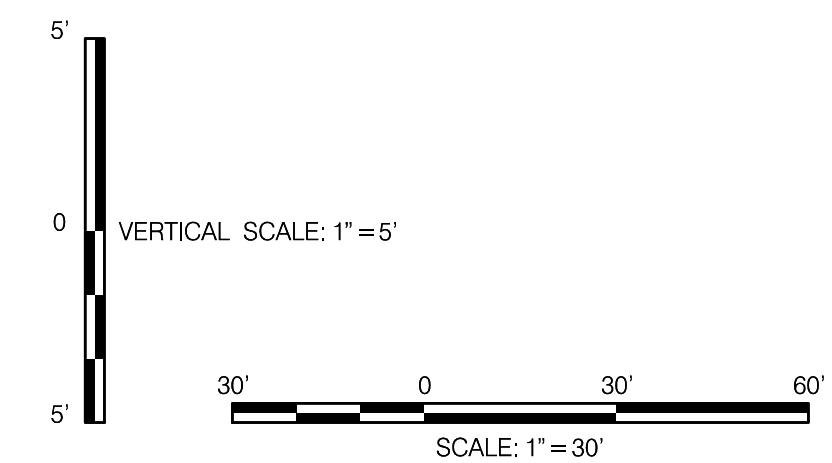
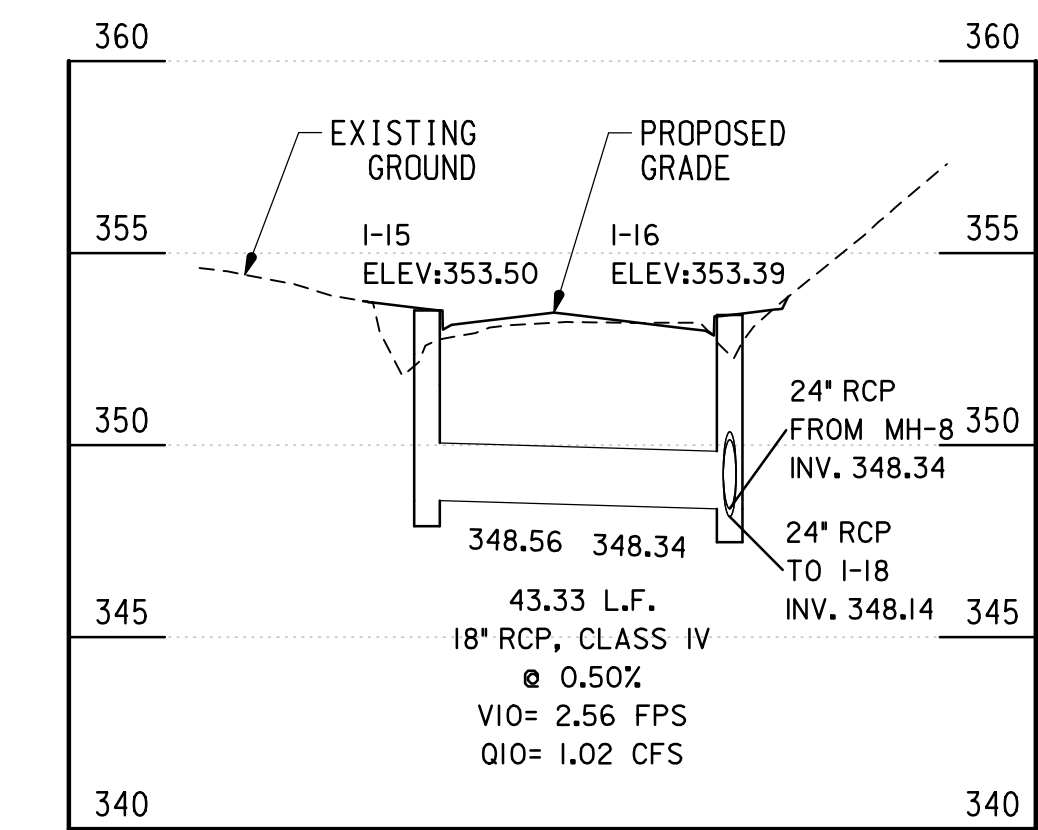
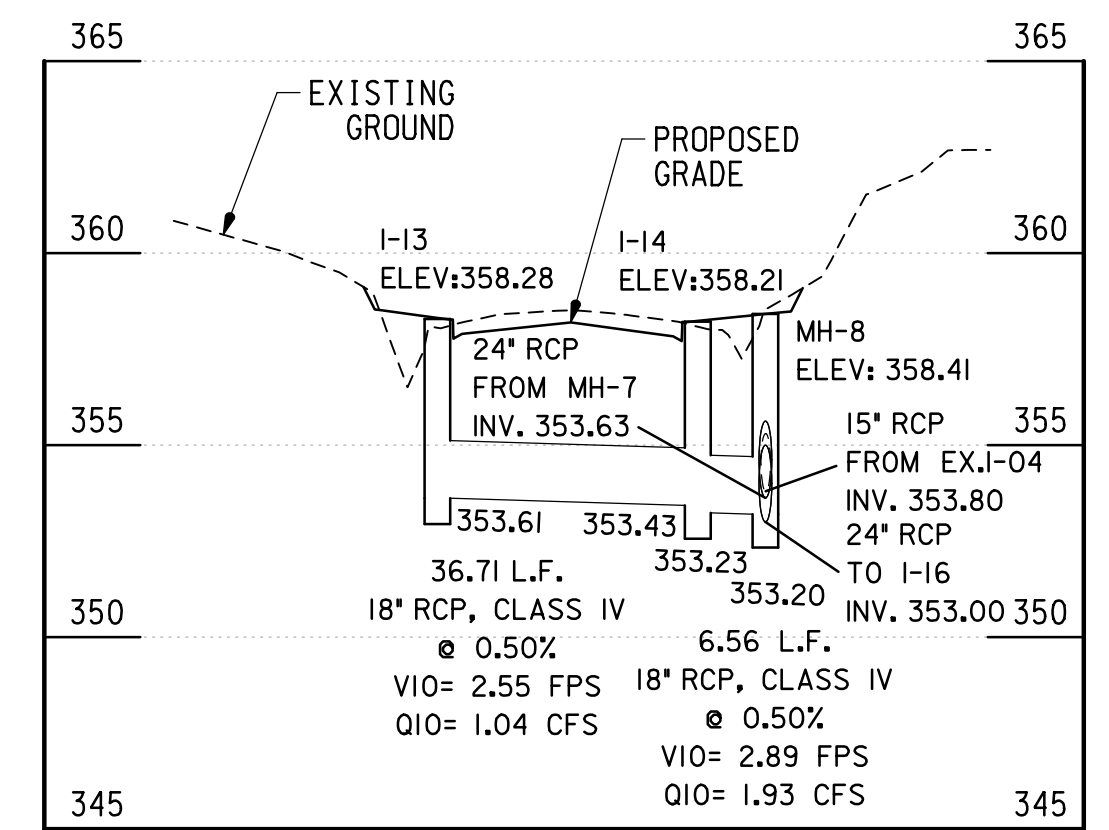
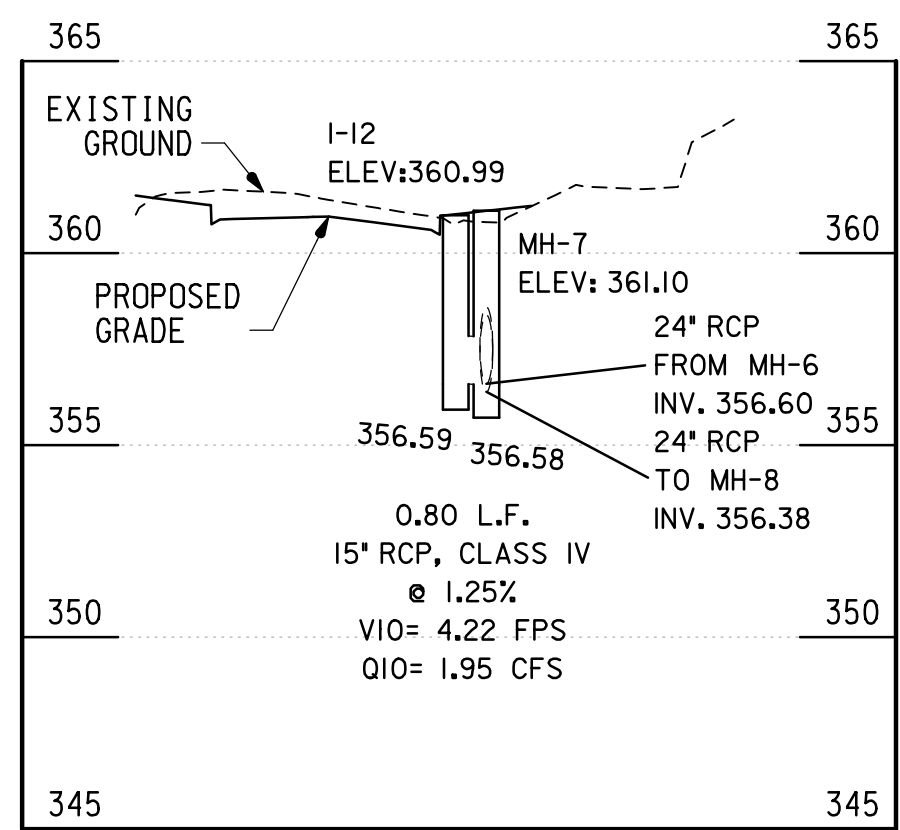
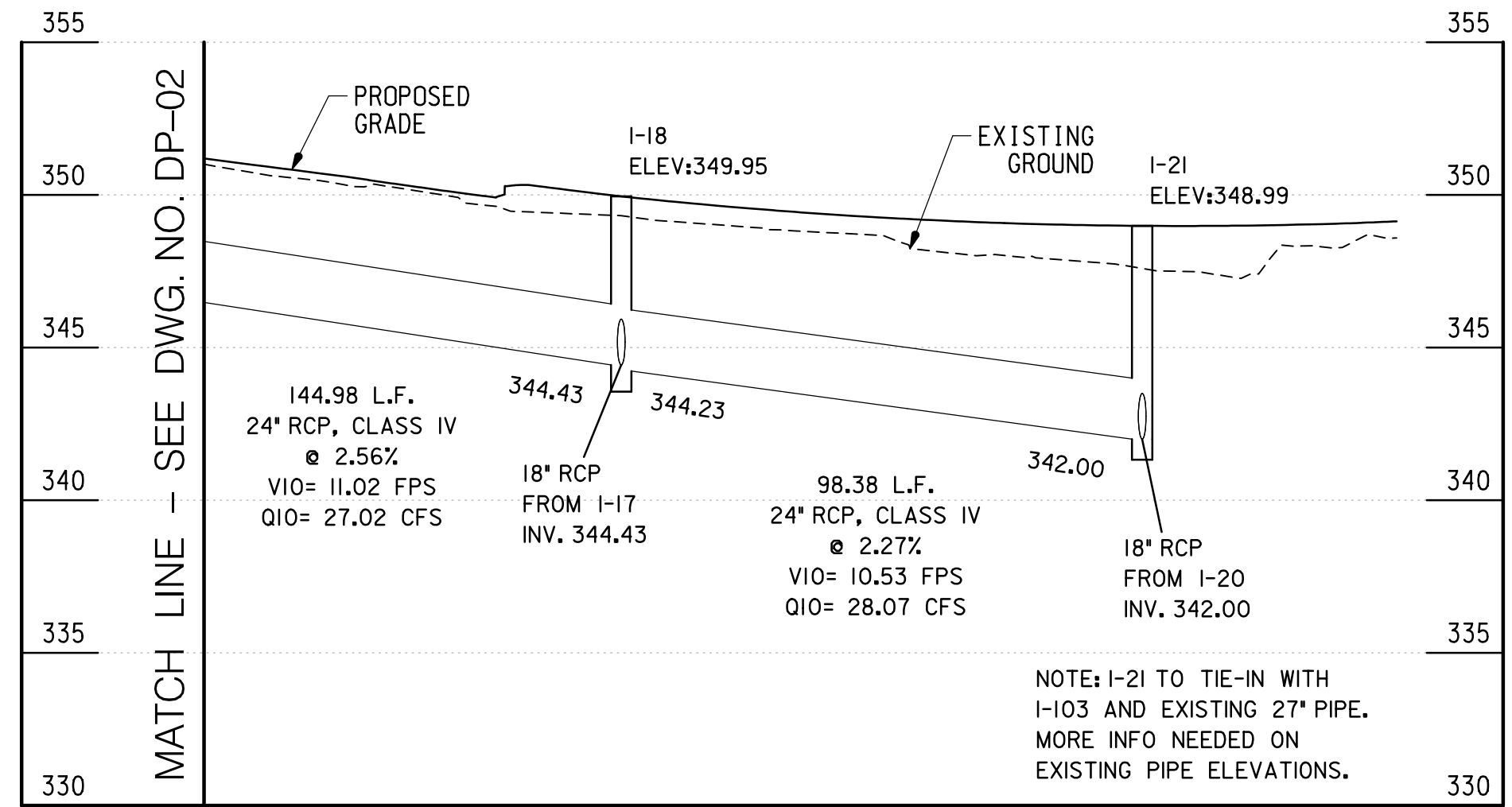
Project No.: C.I.P. PR. # 509337 SHEET 46 of 175

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BY: sabbasgholipour



I-9 TO I-16
SCALE: HOR. 1"=30', VERT. 1"=5'



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NAVD 88 VERTICAL

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: N.D.K. Drawn by: A.M.G. Checked by: M.J.B.

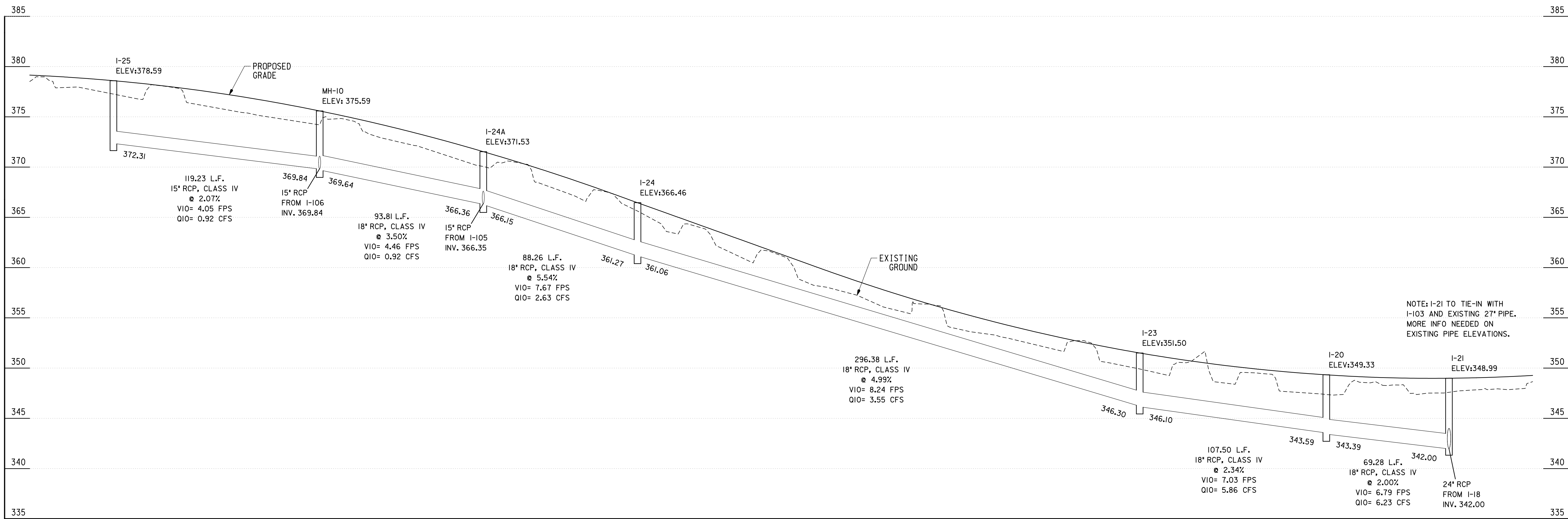
TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET DP-02
DRAINAGE PROFILES
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1**

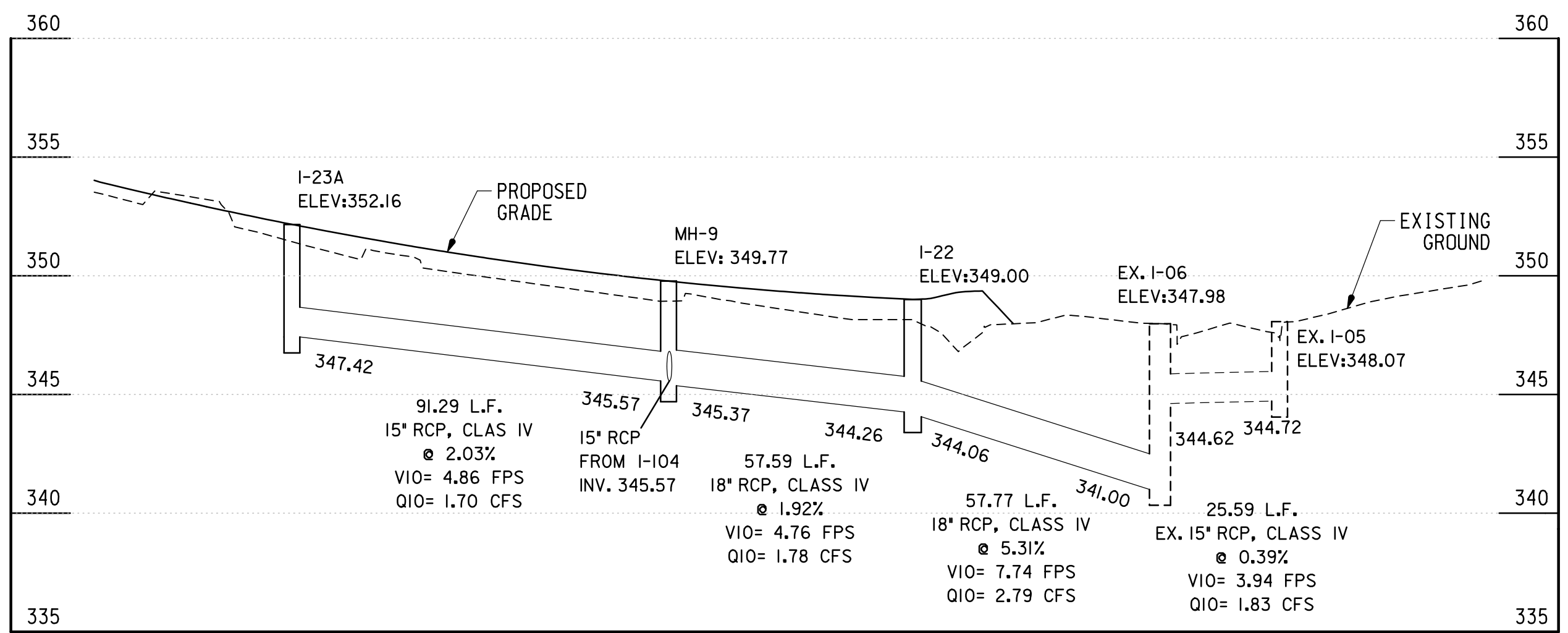
SCALE: AS SHOWN 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 47 of 175

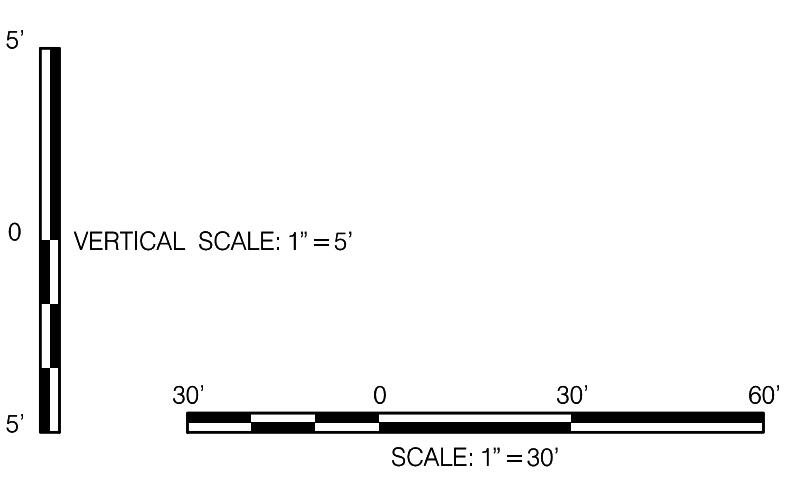
BY: sabbasgholipour



I-25 TO I-21
 SCALE: HOR. 1"=30'
 VERT. 1"=5'



I-23A TO EX. I-05
 SCALE: HOR. 1"=30'
 VERT. 1"=5'



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 MARK J. BODMANN MD NO-31487 EXP-03/18/2023
 DATE: 09-17-2021

SEAL

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
 NAVD 88 VERTICAL

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 100 EDISON PARK DRIVE, 4TH FLOOR
 GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
 APPROVED

Chief, Division of Engineering Services _____ Date _____

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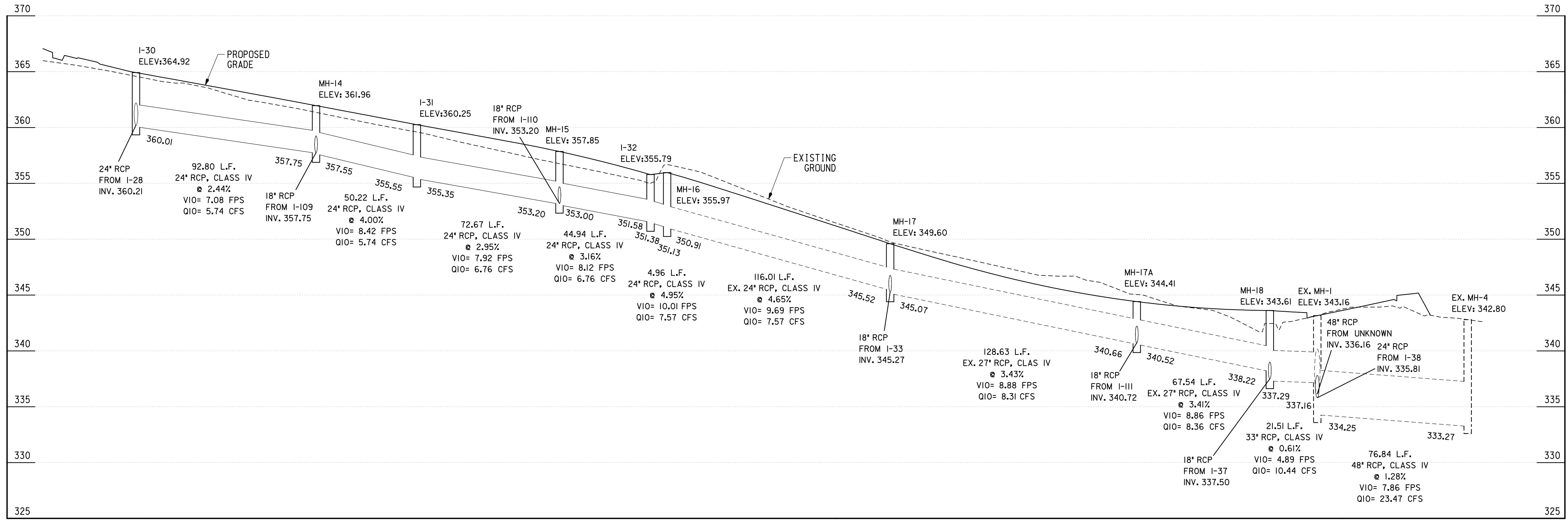
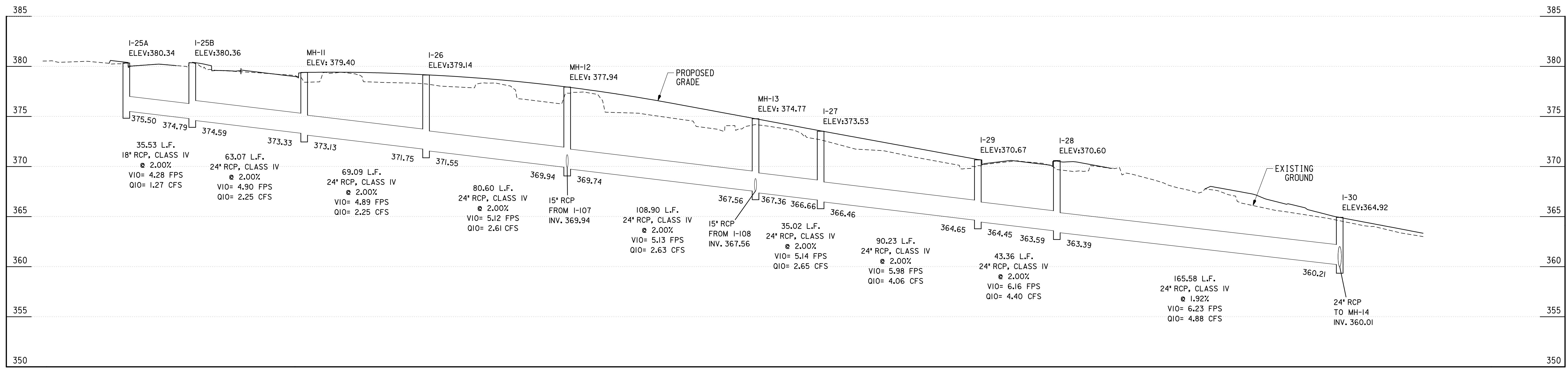
TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET DP-03
 DRAINAGE PROFILES
 TUCKERMAN LANE
 SIDEWALK/BIKEWAY
 PROJECT - SEGMENT 1**

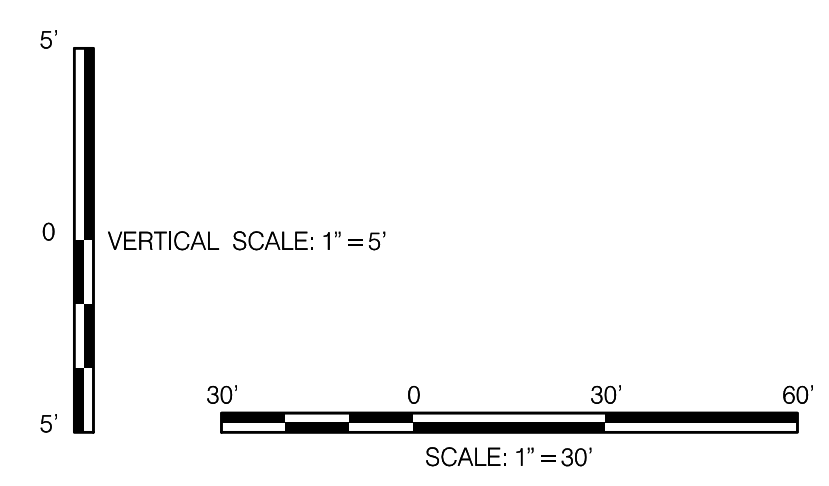
SCALE: AS SHOWN 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 48 of 175

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I-30 TO EX. MH-4
 SCALE: HOR. 1"=30'
 VERT. 1"=5'



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 APPROVED

Chief, Division of Engineering Services _____ Date _____

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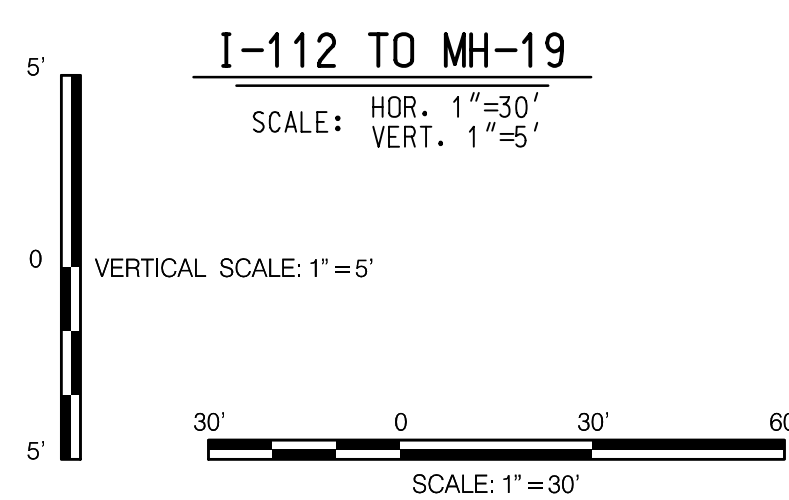
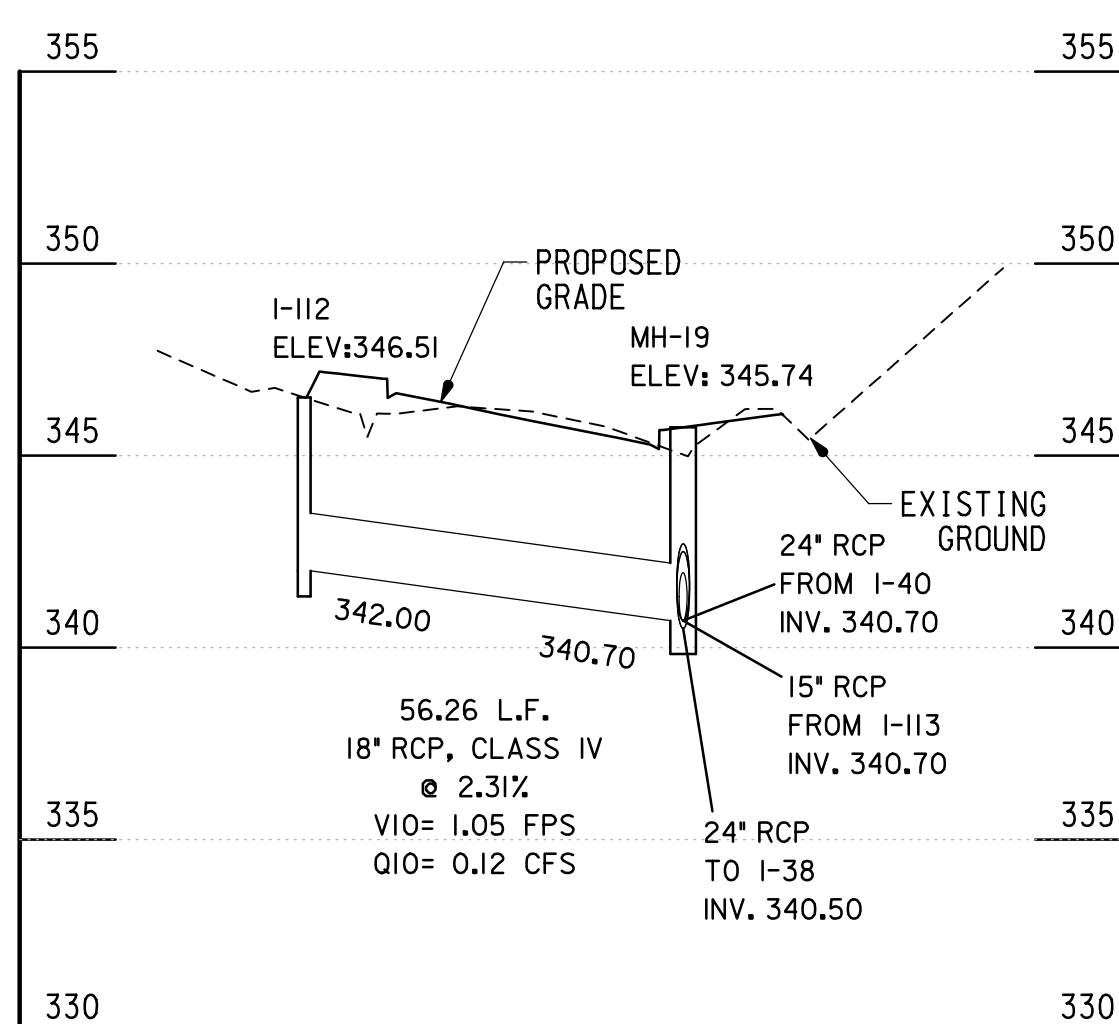
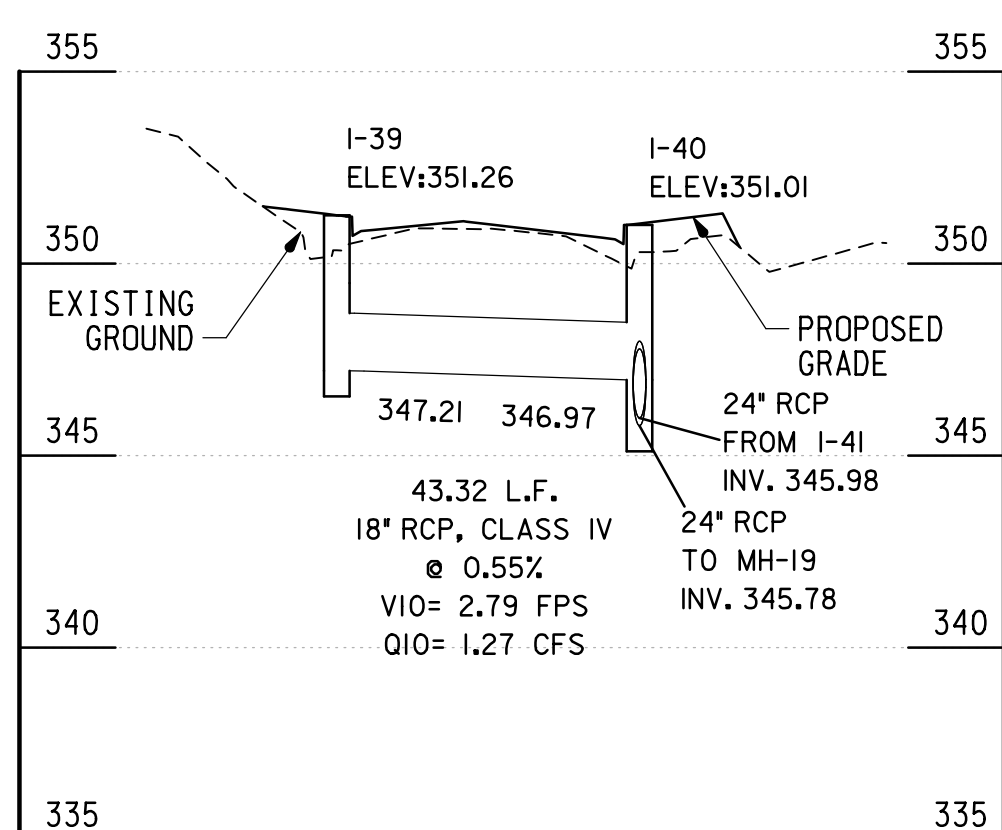
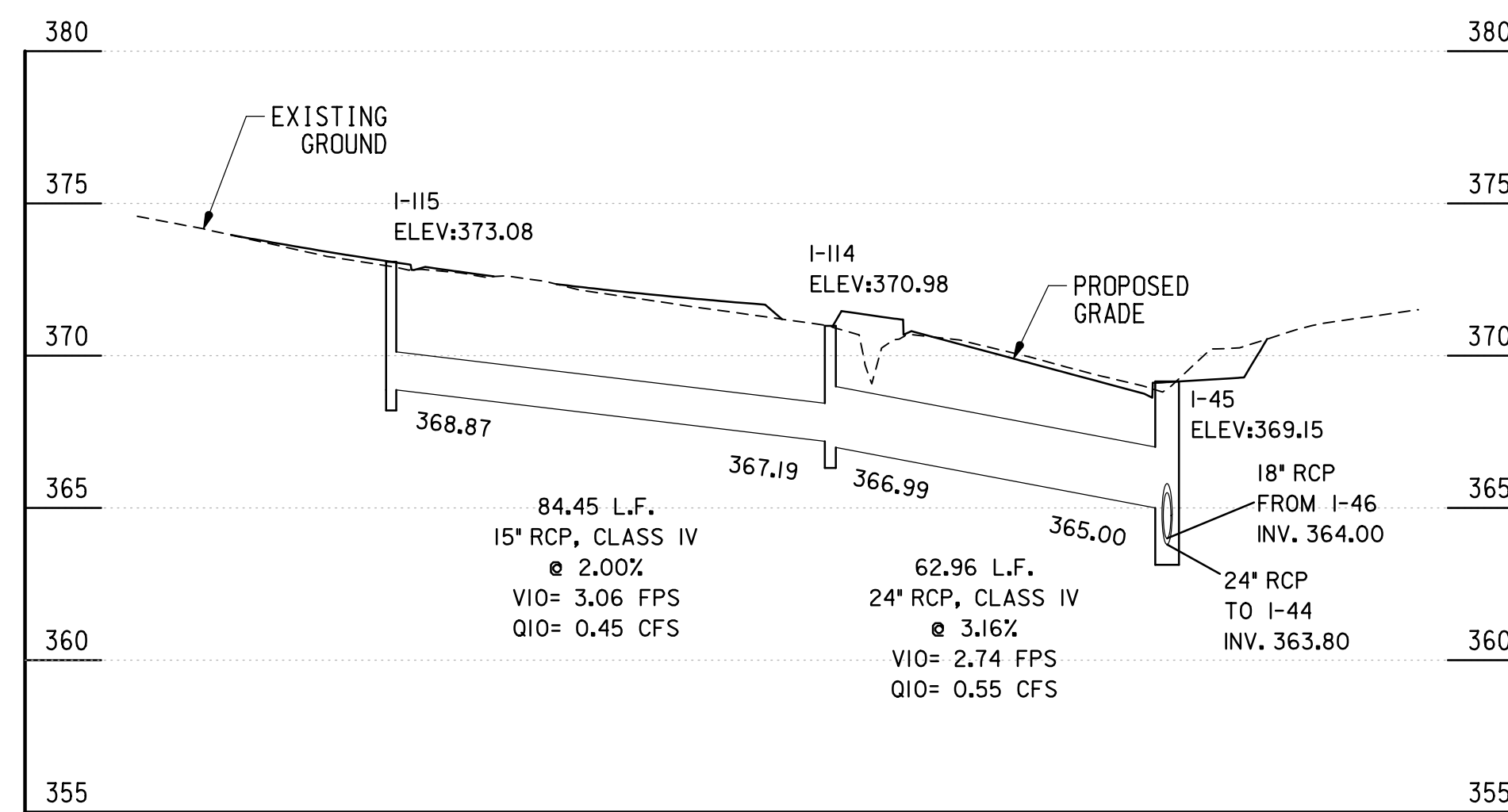
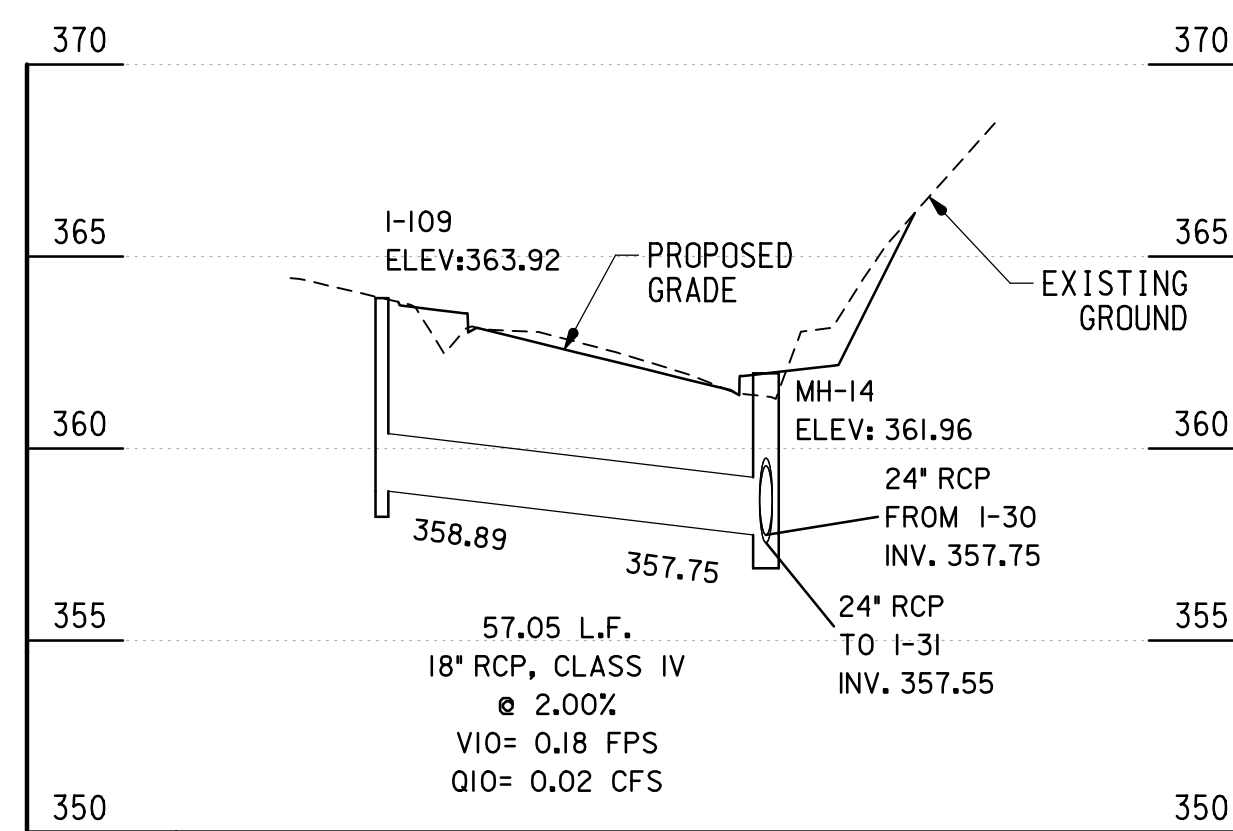
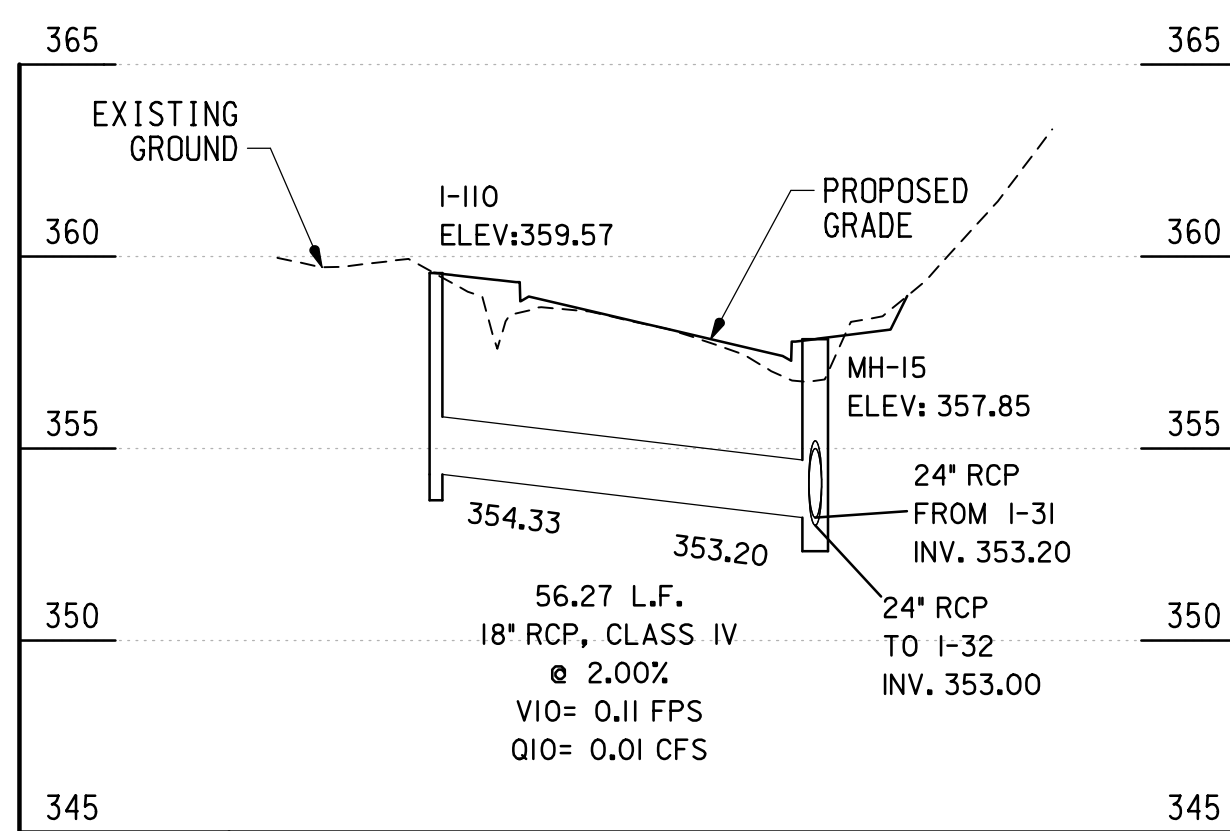
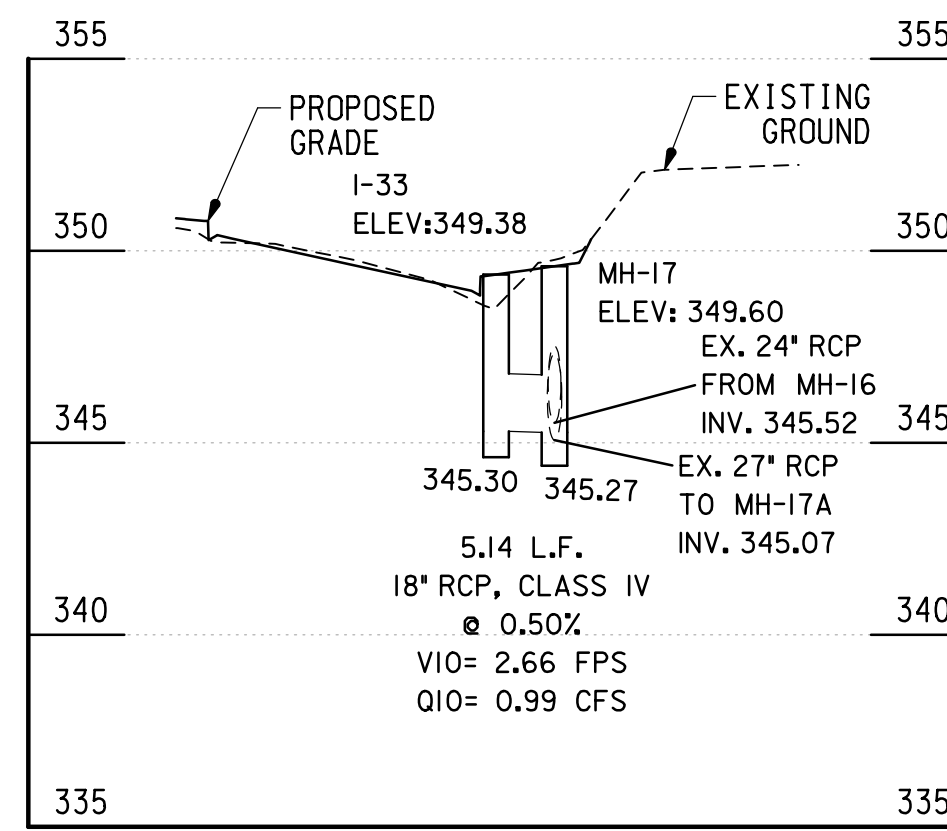
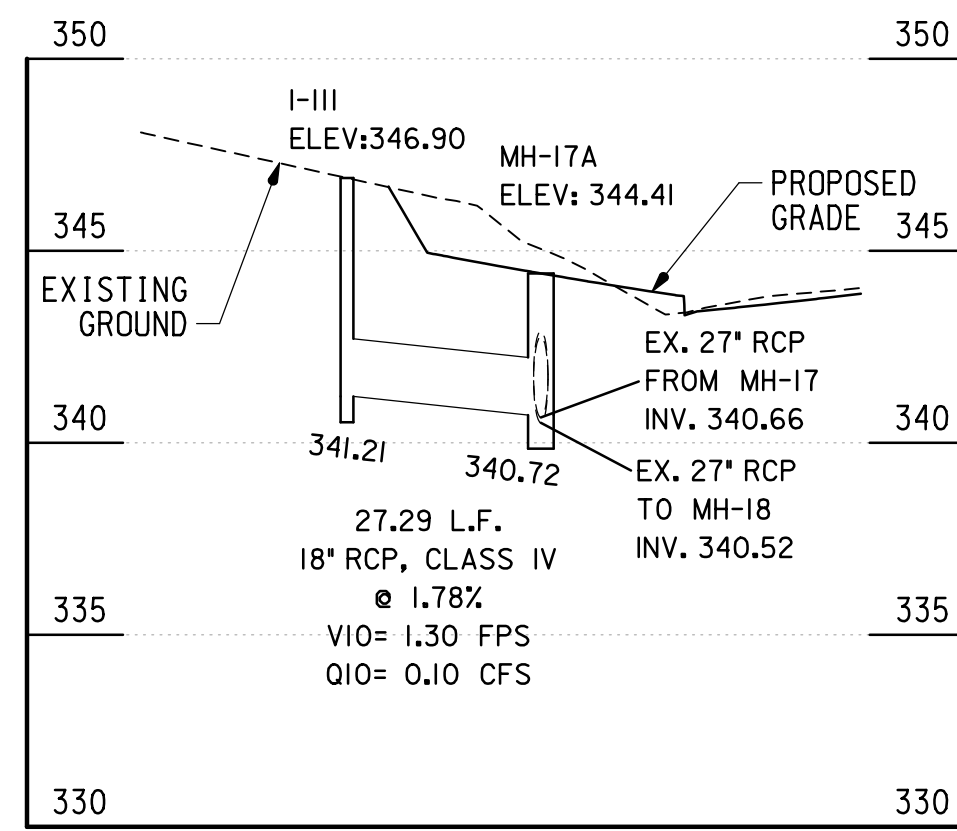
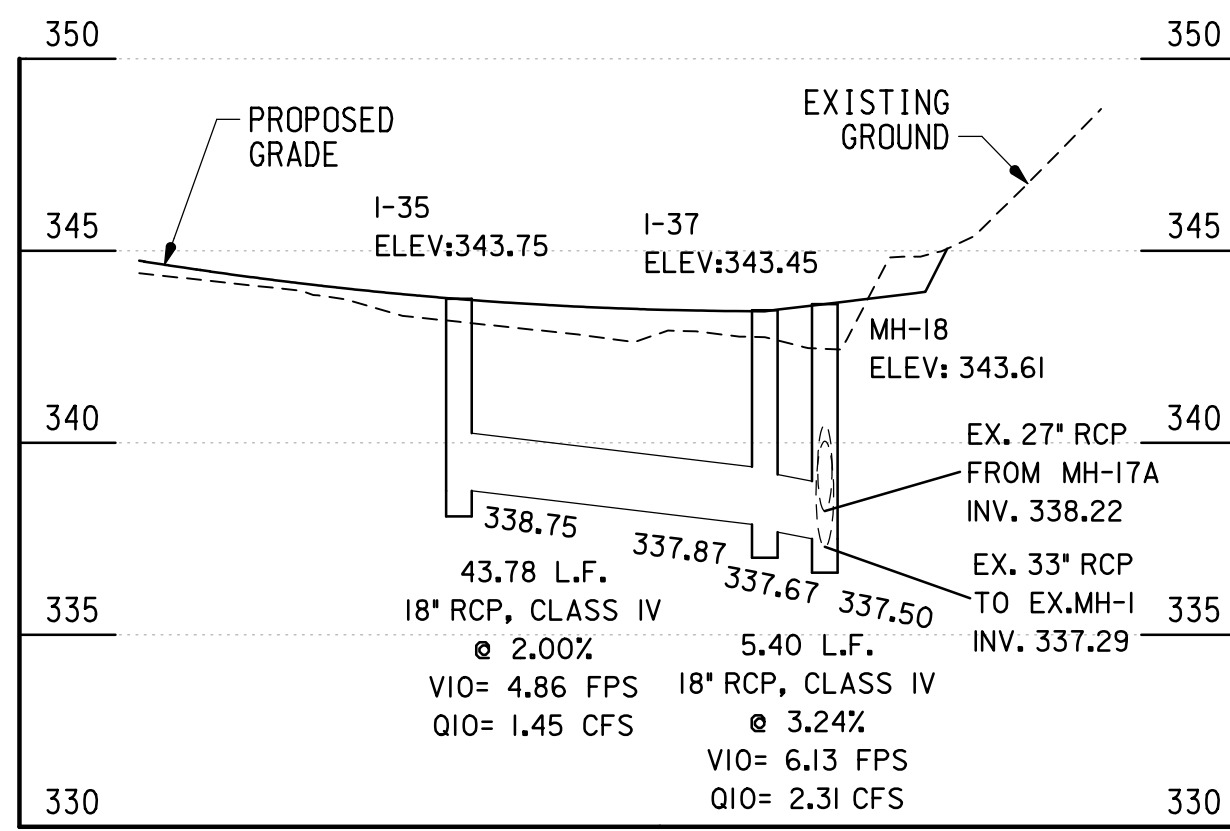
TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET DP-04
 DRAINAGE PROFILES
 TUCKERMAN LANE
 SIDEWALK/BIKEWAY
 PROJECT - SEGMENT 1**

SCALE: AS SHOWN 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 49 of 175

BY: sabbasgholipour



PROFESSIONAL CERTIFICATION
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MONTGOMERY COUNTY
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 100 EDISON PARK DRIVE, 4TH FLOOR
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Chief, Design Section _____ Date _____
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Chief, Division of Engineering Services _____ Date _____

Designed by: N.D.K. Drawn by: A.M.G. Checked by: M.J.B.

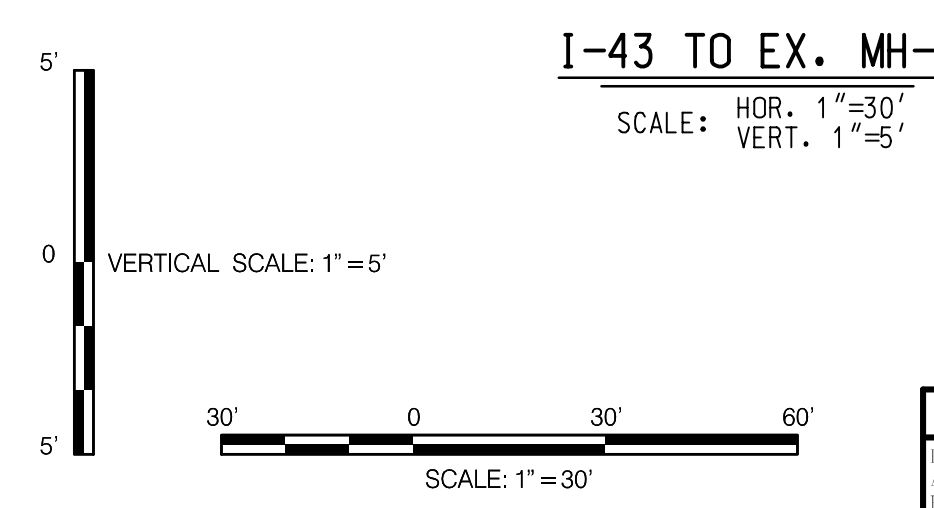
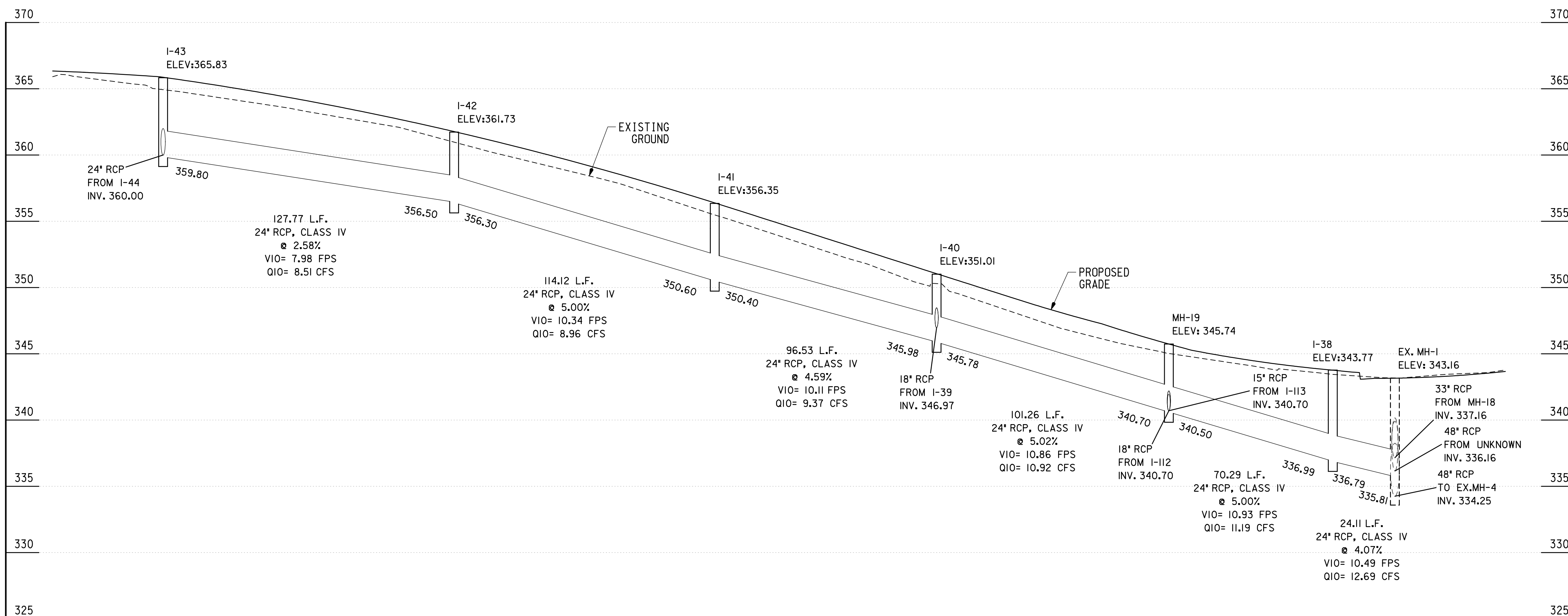
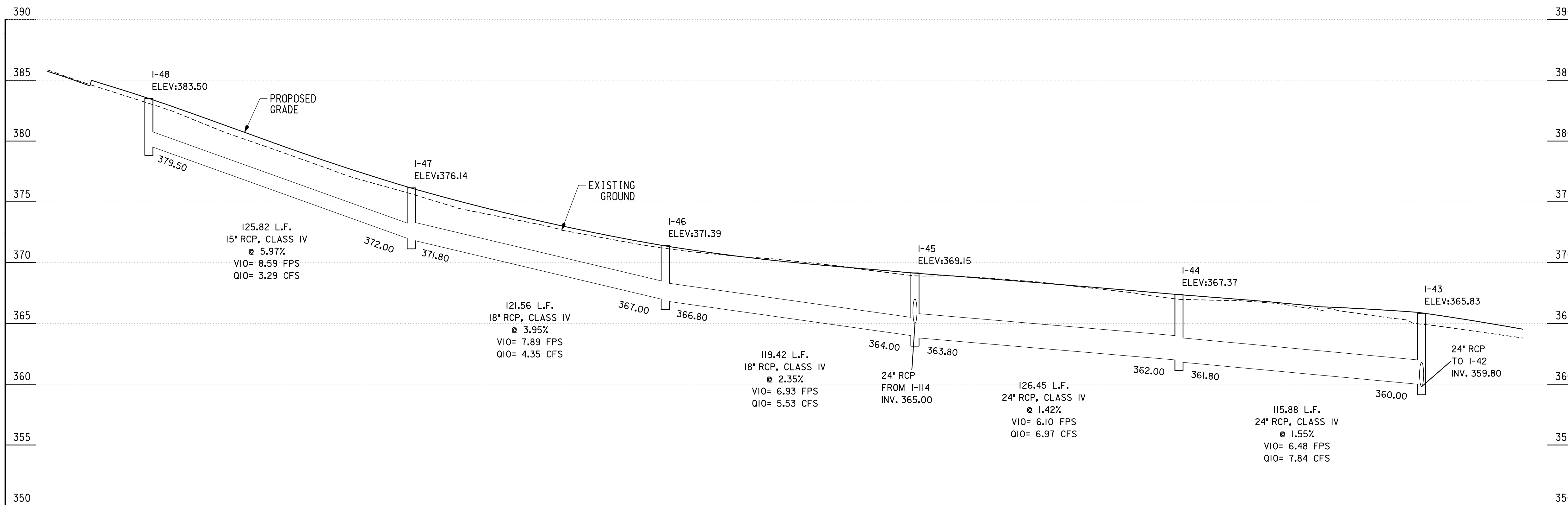
TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET DP-05
 DRAINAGE PROFILES
 TUCKERMAN LANE
 SIDEWALK/BIKEWAY
 PROJECT - SEGMENT 1**

SCALE: AS SHOWN 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 50 of 175

BY: sabbasgholipour



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 NAVD 88 VERTICAL

MONTGOMERY COUNTY
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 GAITHERSBURG, MD 20878

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 APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: N.D.K. Drawn by: A.M.G. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

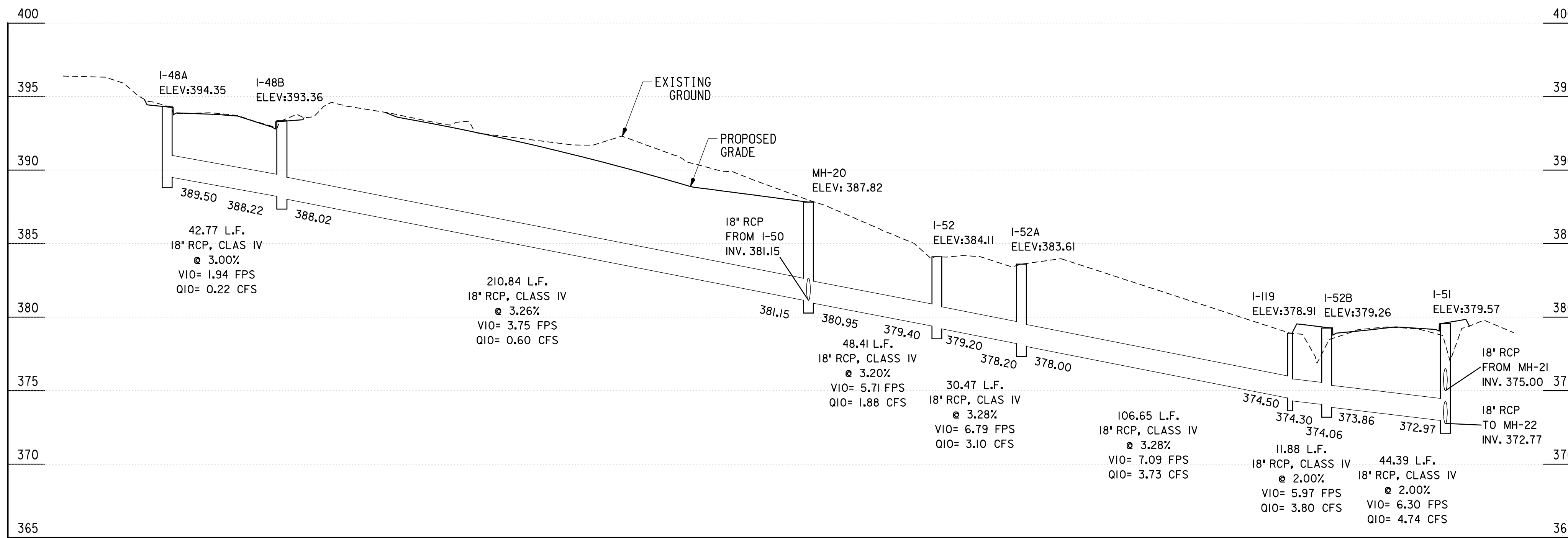
**PLAN SHEET DP-06
 DRAINAGE PROFILES
 TUCKERMAN LANE
 SIDEWALK/BIKEWAY
 PROJECT - SEGMENT 1**

SCALE: AS SHOWN 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 51 of 175

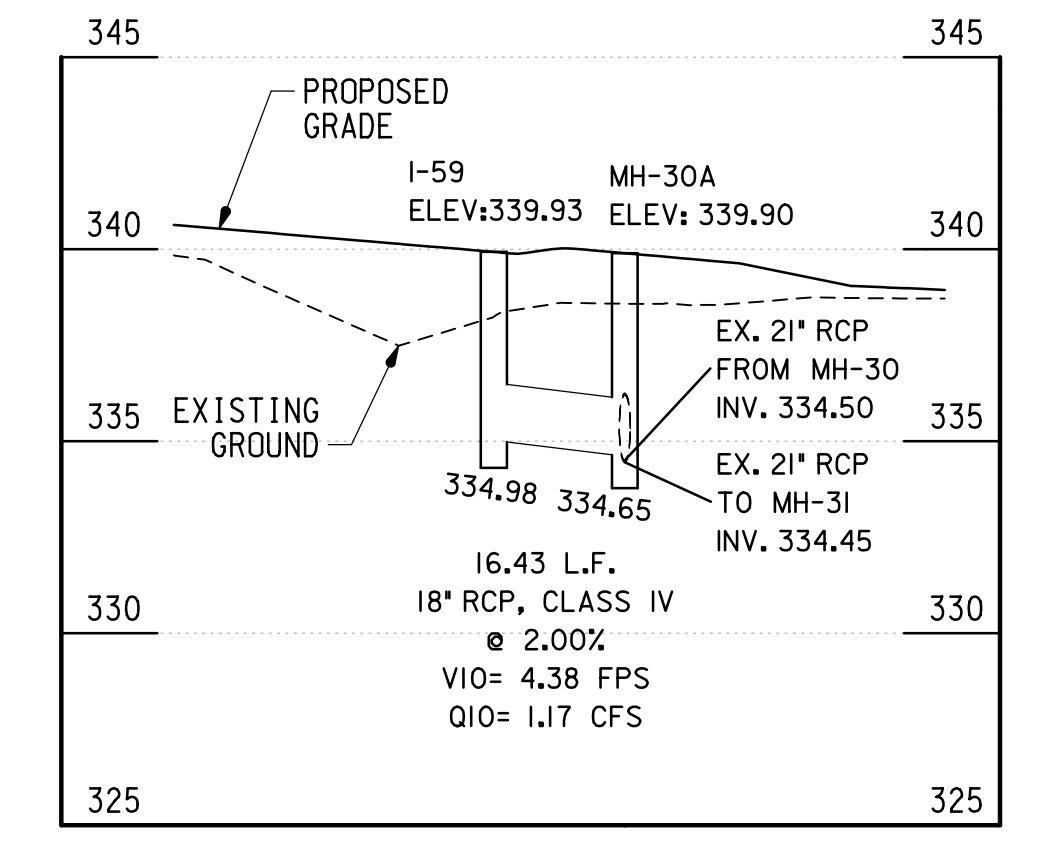


BY: sabbasgholipour



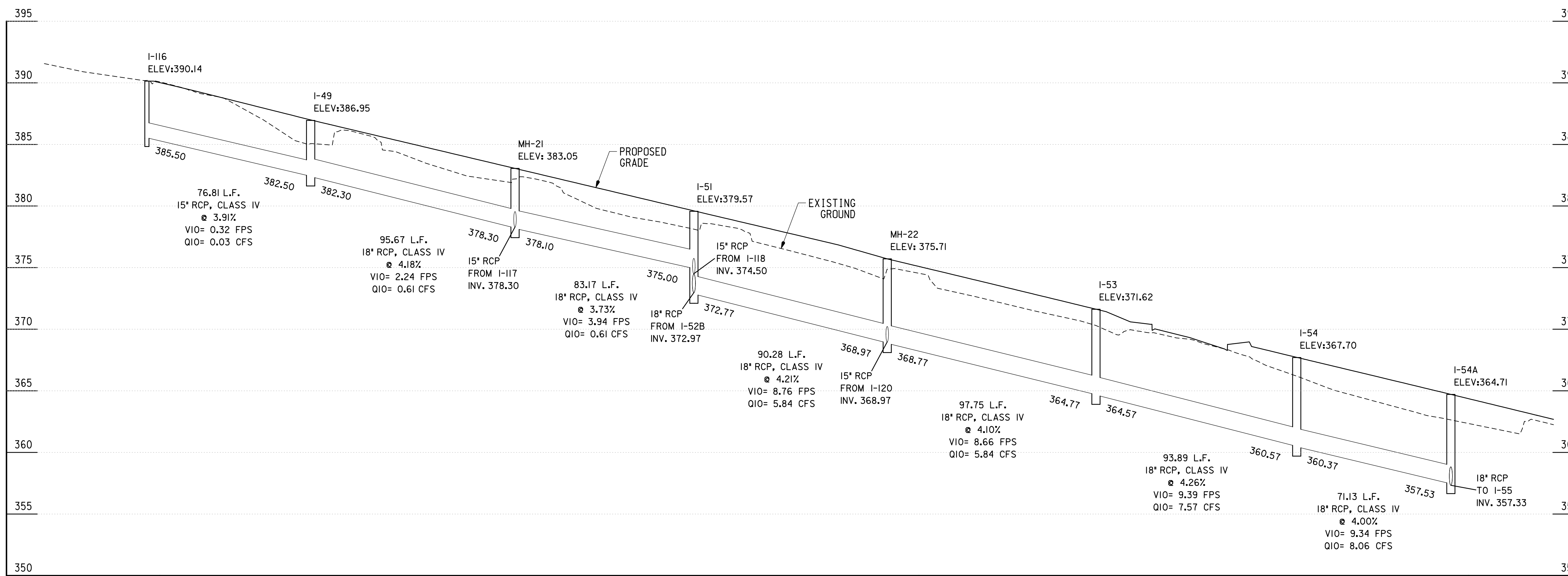
I-48A TO I-51

SCALE: HOR. 1"=30'
VERT. 1"=5'



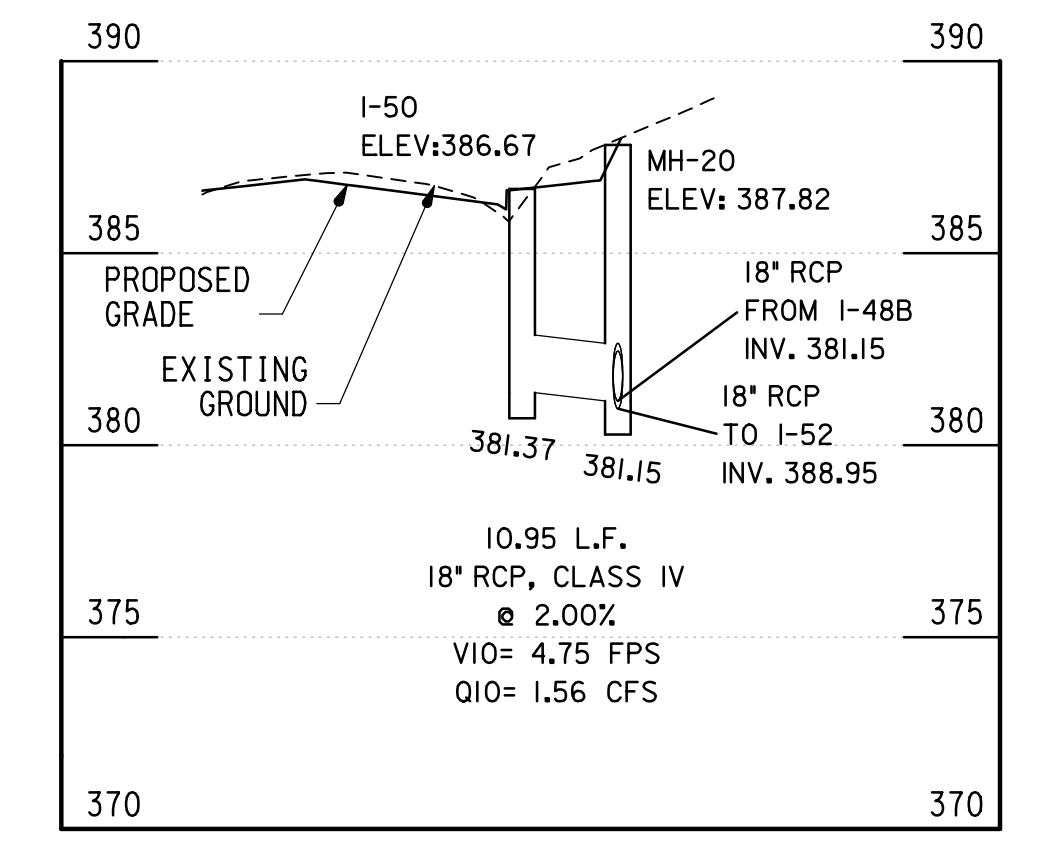
I-59 TO MH-30A

SCALE: HOR. 1"=30'
VERT. 1"=5'



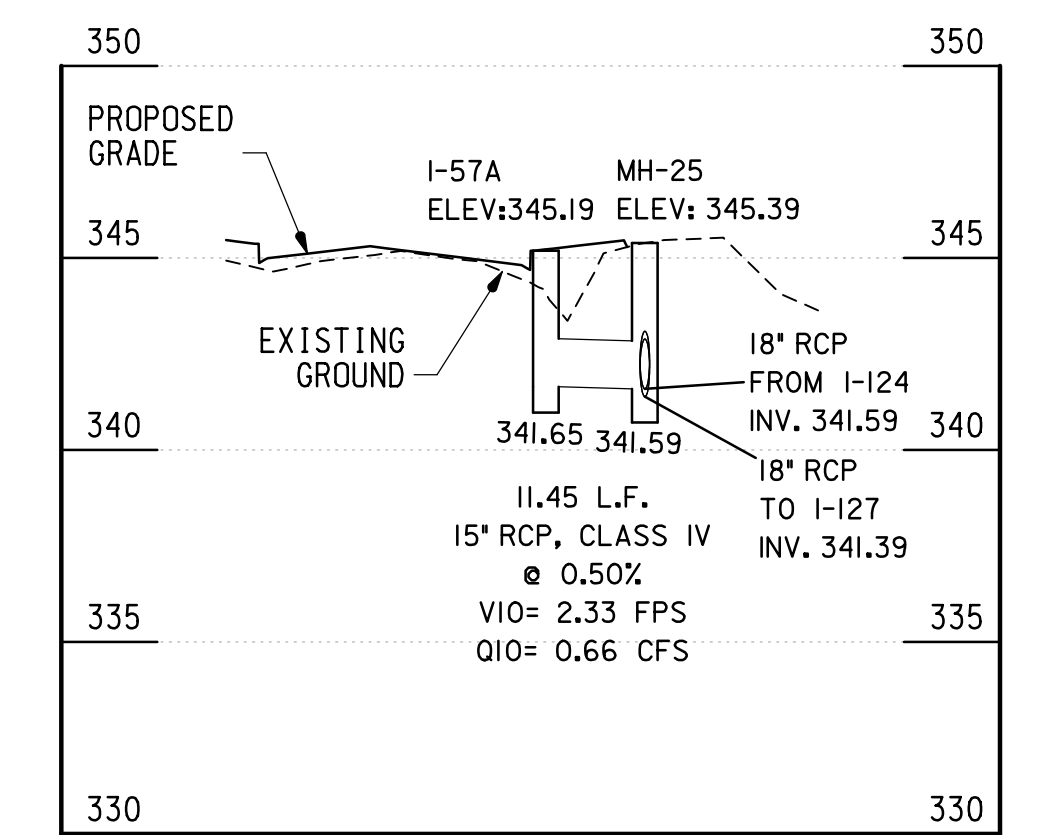
I-116 TO I-54A

SCALE: HOR. 1"=30'
VERT. 1"=5'



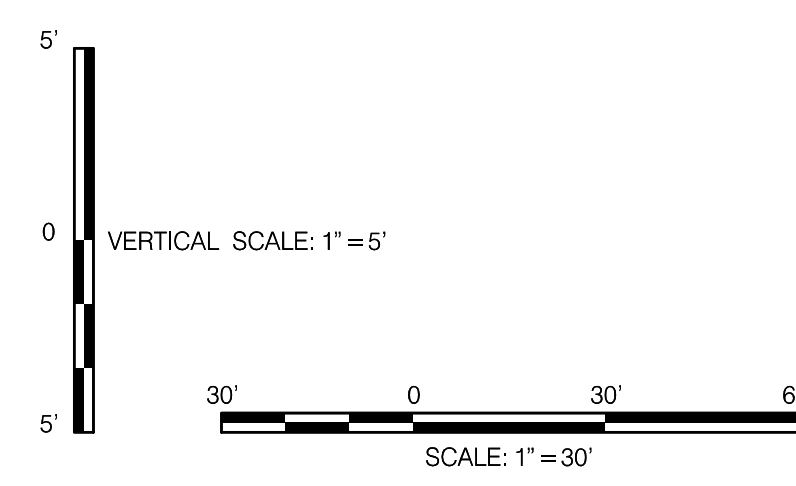
I-50 TO MH-20

SCALE: HOR. 1"=30'
VERT. 1"=5'



I-57A TO MH-25

SCALE: HOR. 1"=30'
VERT. 1"=5'



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BY: sabbasgholipour

PLOTTED: 3/8/2023
FILE: M:\PROJ\220015.0001\Highways\Cadd-Drainage\DP-V007_Tuckerman.dgn

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Chief, Division of Engineering Services _____ Date _____

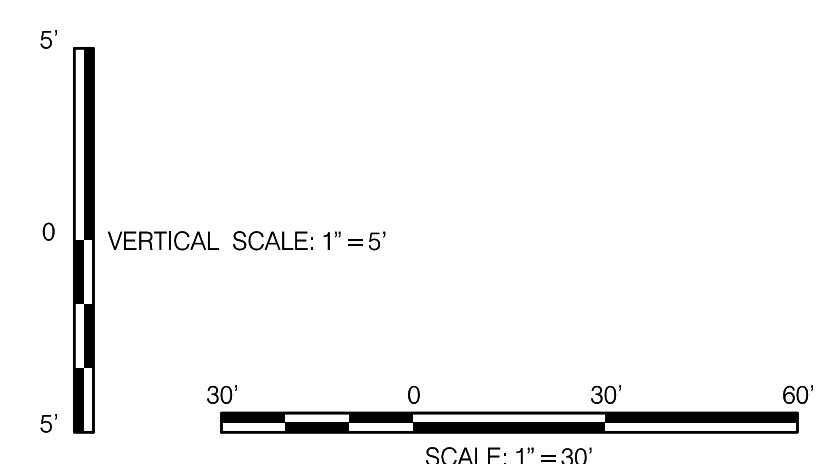
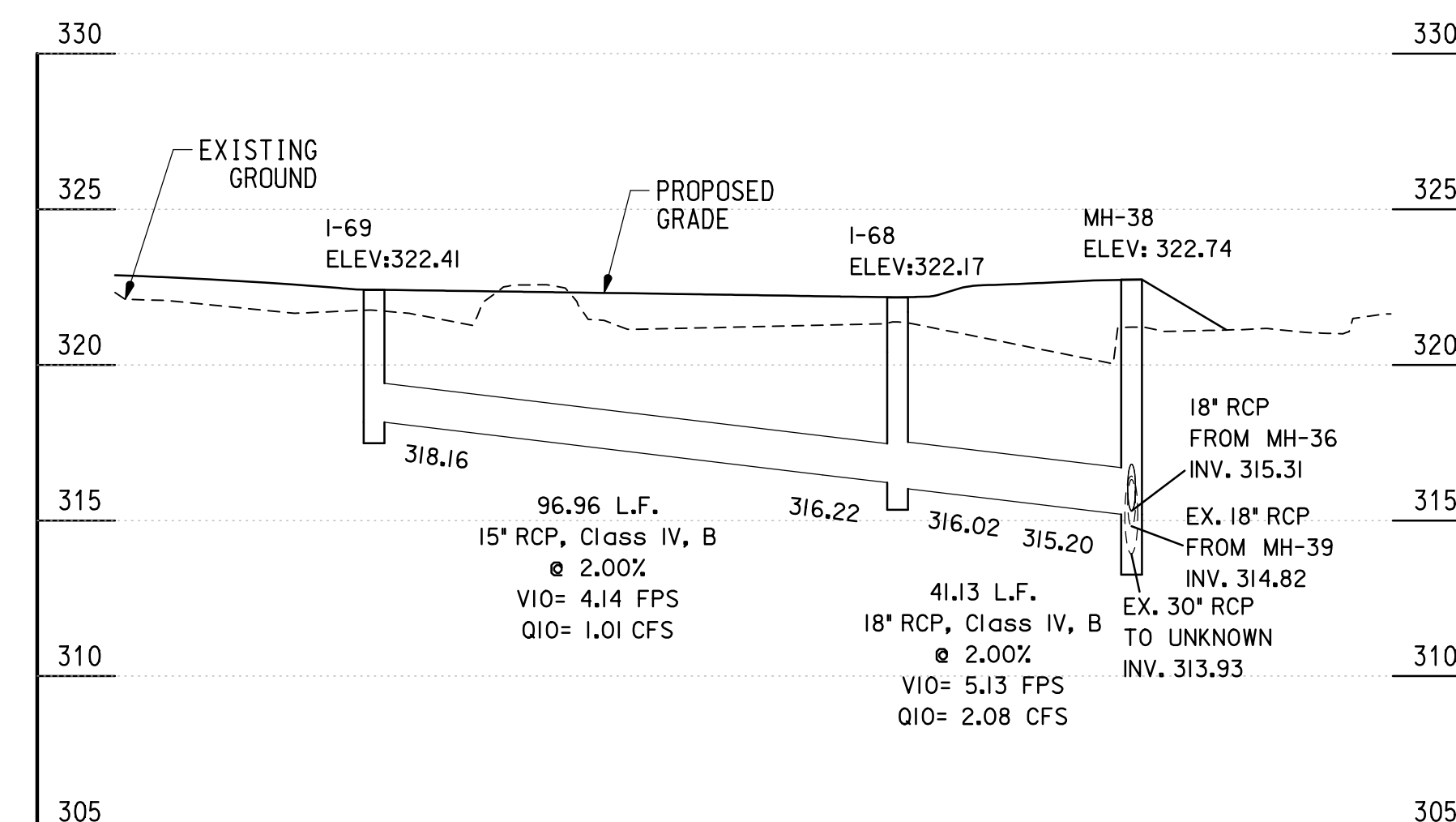
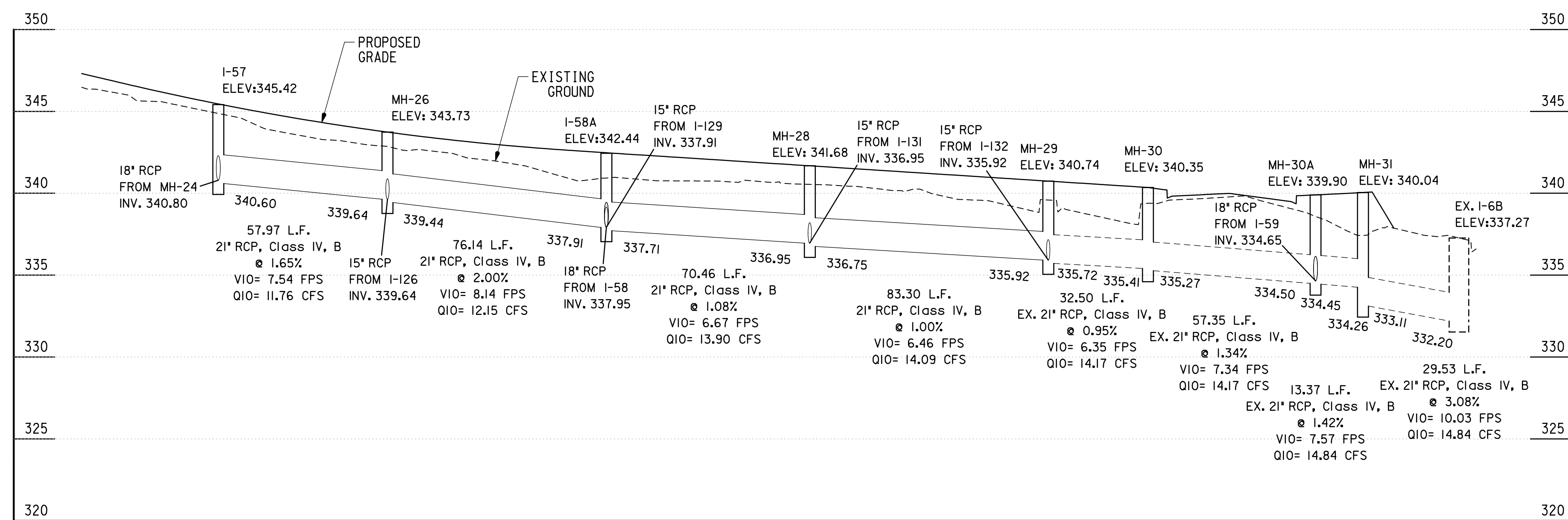
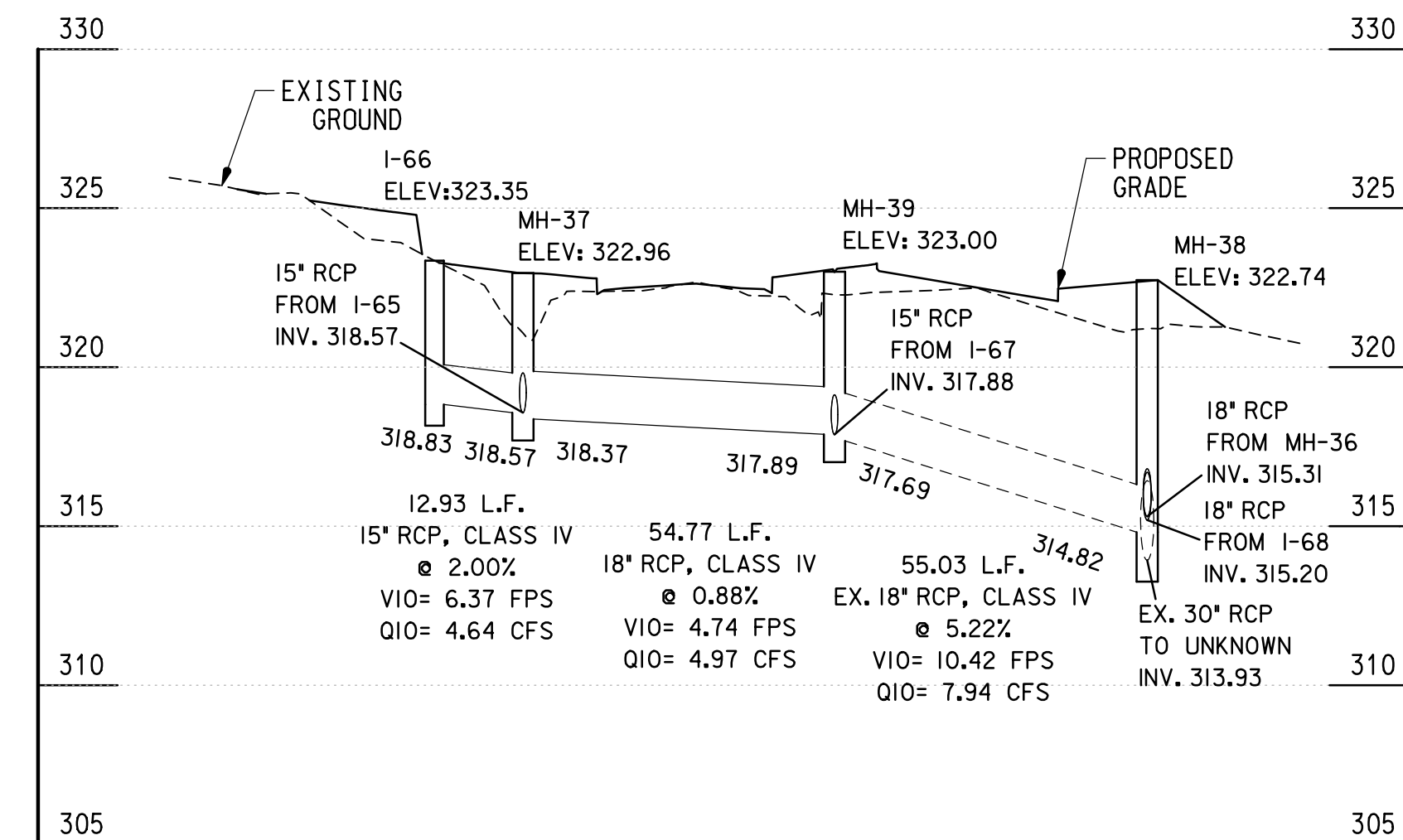
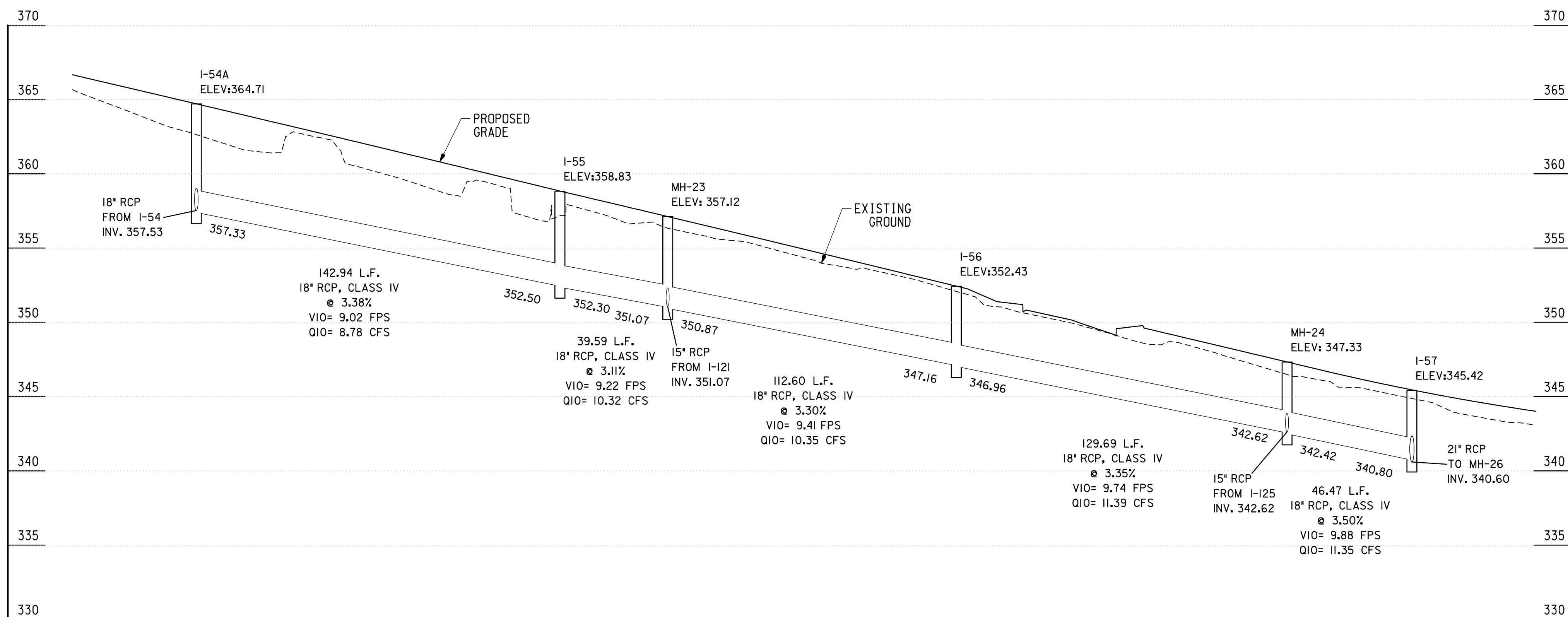
Designed by: N.D.K. Drawn by: A.M.G. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET DP-07
DRAINAGE PROFILES
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1**

SCALE: AS SHOWN 10/2021

Project No.: C.I.P.R. # 509337 SHEET 52 of 175



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.
 MARK J. BODMANN MD NO-31487 EXP-03/18/2023

SEAL
 DATE: 09-17-2021

35% SUBMITTAL
 DATUM: NAD 83/91 HORIZONTAL
 NAVD 88 VERTICAL

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 100 EDISON PARK DRIVE, 4TH FLOOR
 GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL
 Chief, Design Section
 Chief, Division of Engineering Services

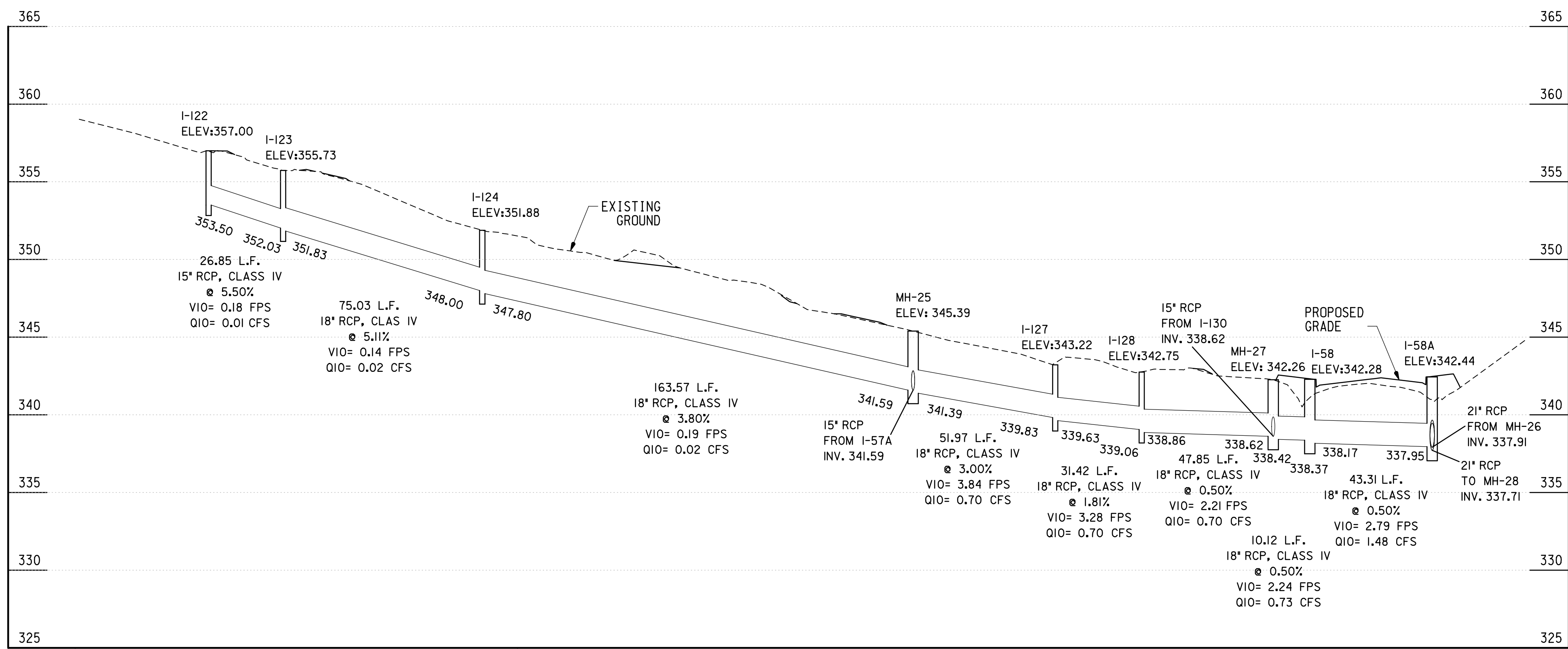
TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET DP-08
 DRAINAGE PROFILES
 TUCKERMAN LANE
 SIDEWALK/BIKEWAY
 PROJECT - SEGMENT 1**

SCALE: AS SHOWN
 Project No.: C.I.P. PR. # 509337 SHEET 53 of 175

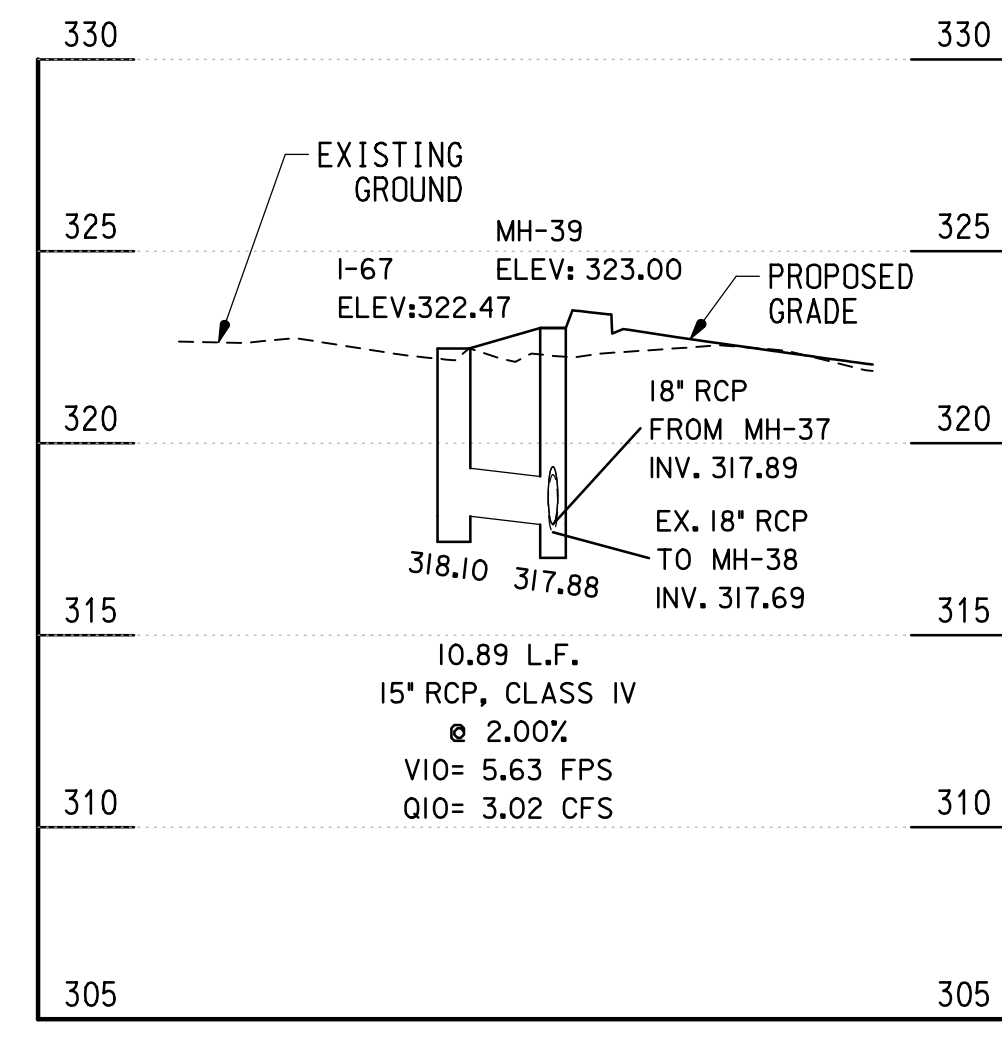
WALLACE MONTGOMERY
 ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS
 10150 York Road, Suite 200
 Hunt Valley, Maryland 21030
 410.494.9093 Fax 410.967.0925
 www.wallacemontgomery.com

BY: sabbasgholipour



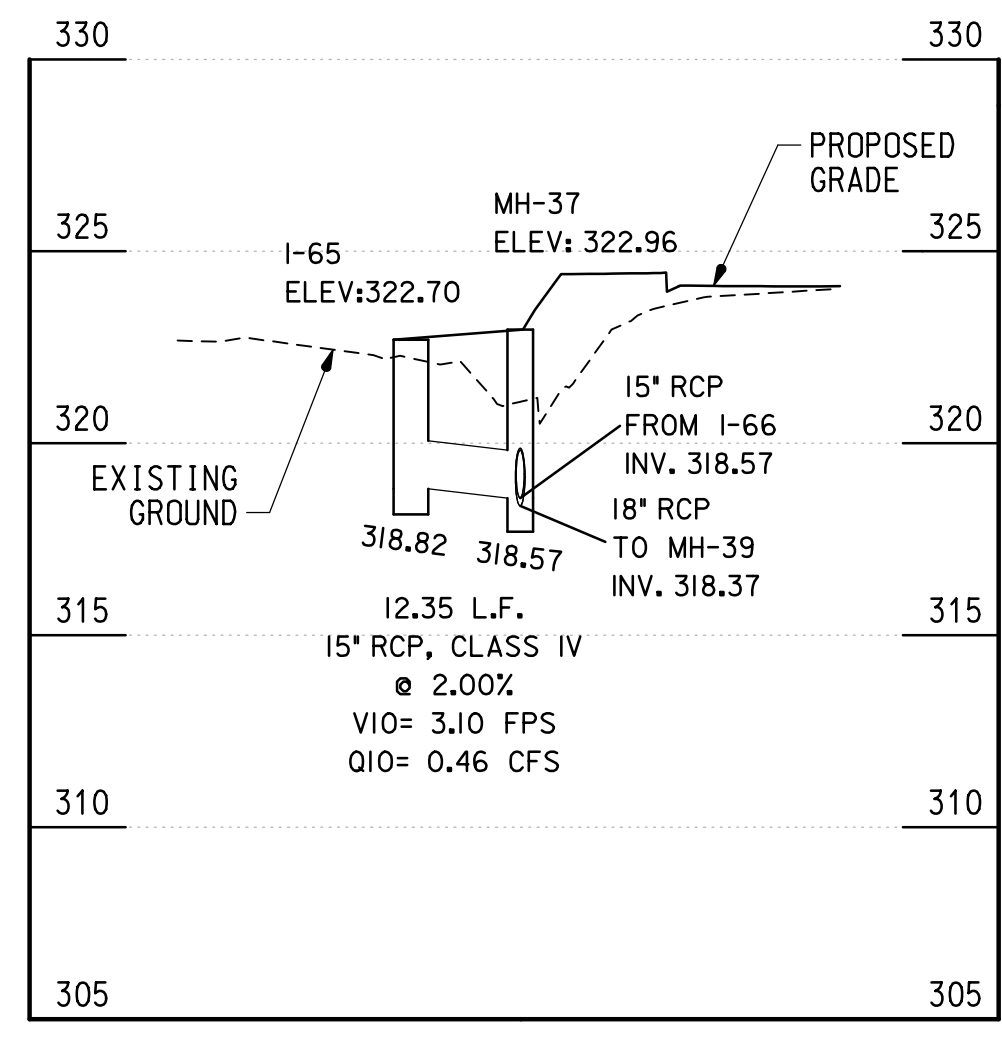
I-122 TO I-58A

SCALE: HOR. 1"=30'
VERT. 1"=5'



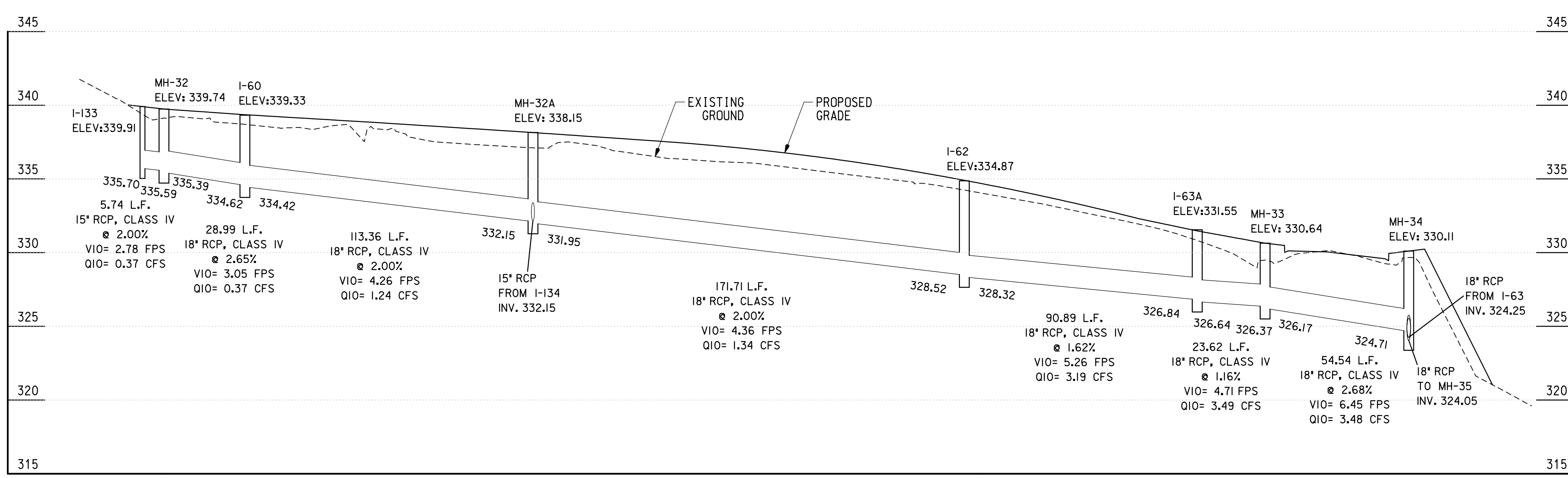
I-67 TO MH-39

SCALE: HOR. 1"=30'
VERT. 1"=5'



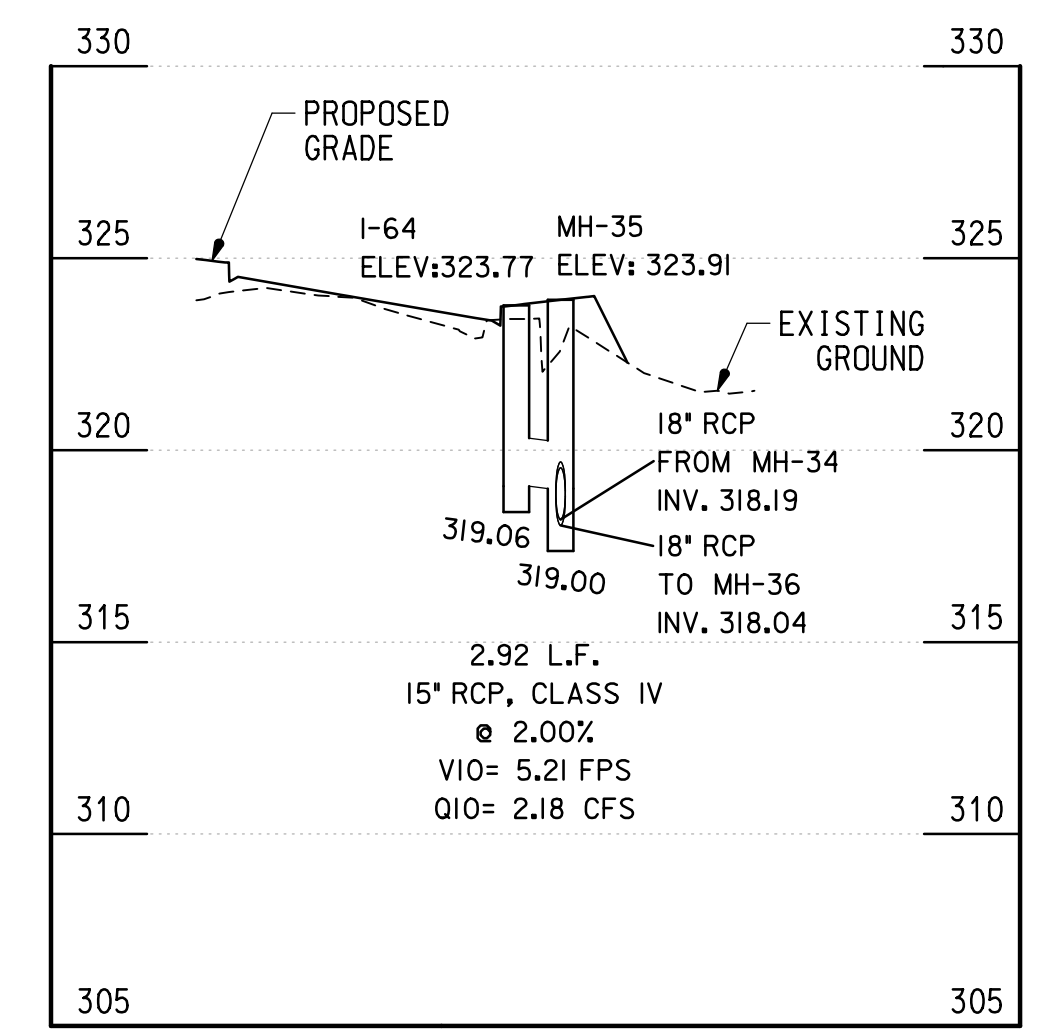
I-65 TO MH-37

SCALE: HOR. 1"=30'
VERT. 1"=5'



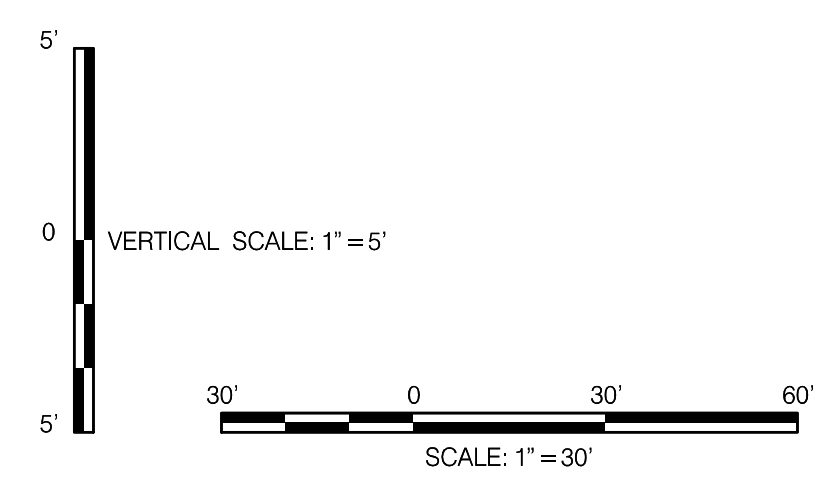
I-133 TO MH-34

SCALE: HOR. 1"=30'
VERT. 1"=5'



I-64 TO MH-35

SCALE: HOR. 1"=30'
VERT. 1"=5'



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MARK J. BODMANN MD NO-31487 EXP-03/18/2023

SEAL
DATE: 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: N.D.K. Drawn by: A.M.G. Checked by: M.J.B.

TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

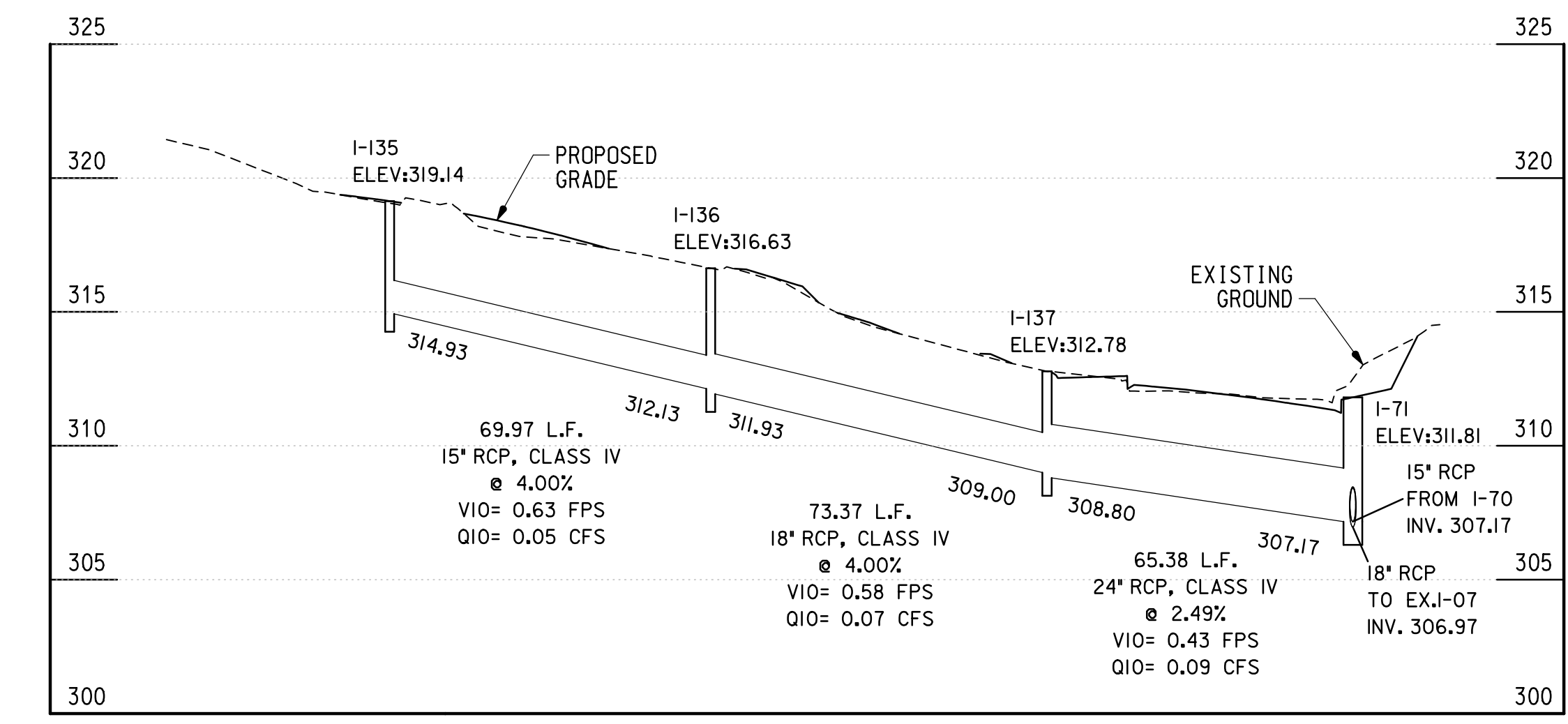
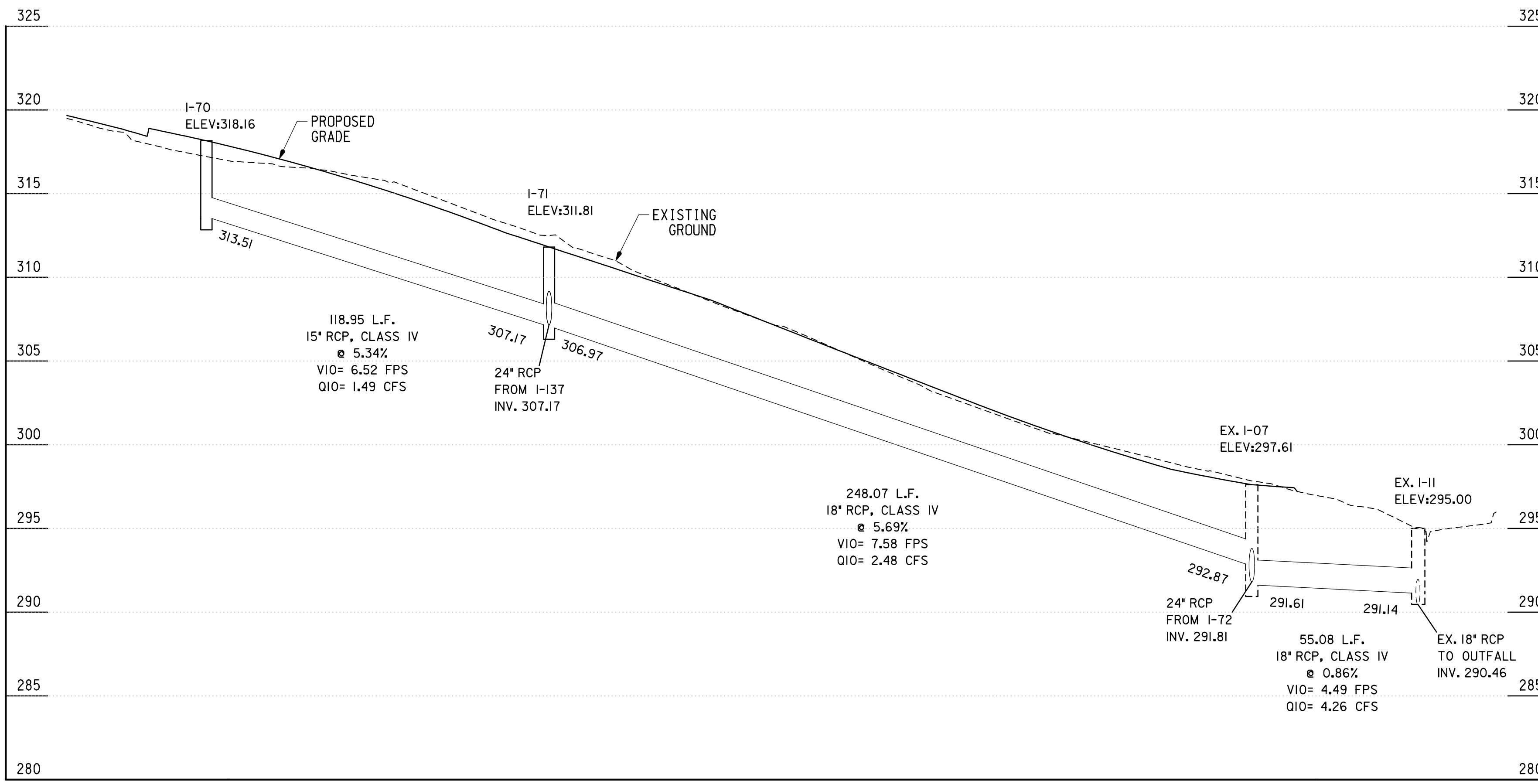
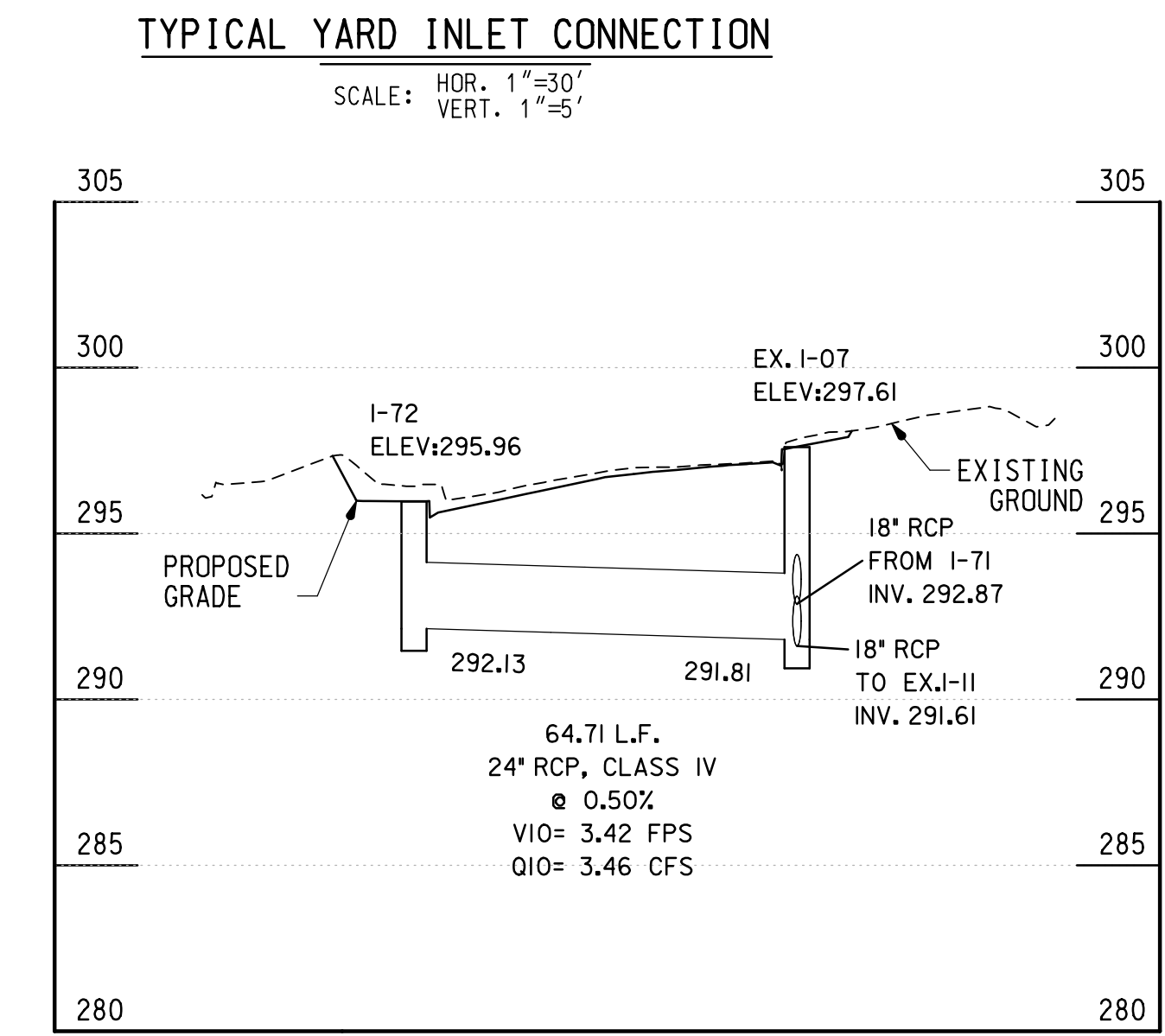
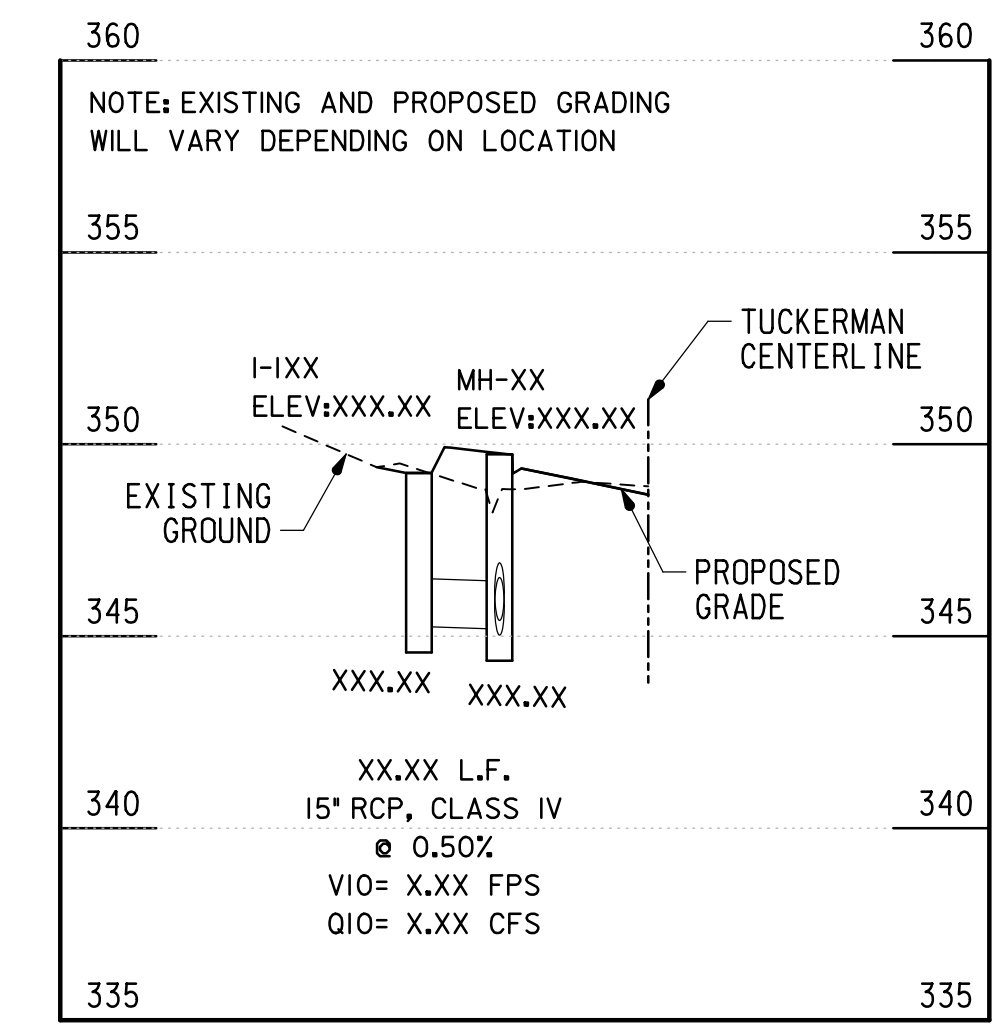
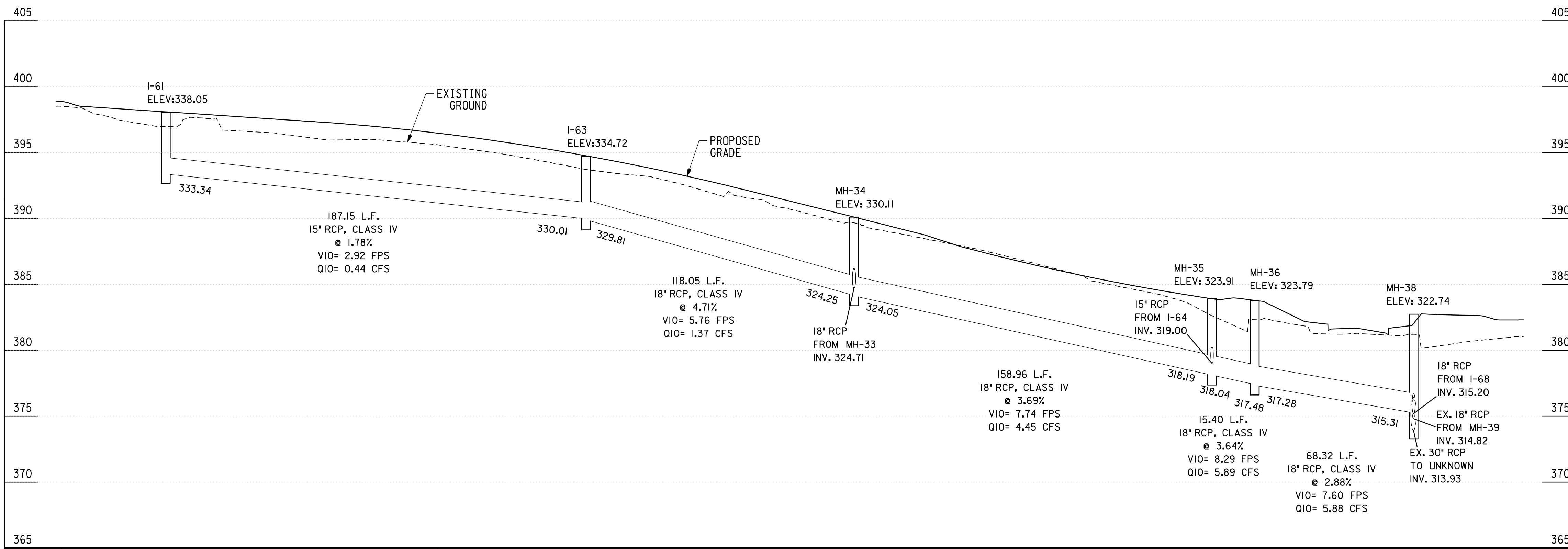
**PLAN SHEET DP-09
DRAINAGE PROFILES
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1**

SCALE: AS SHOWN 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 54 of 175

WALLACE MONTGOMERY
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10150 York Road, Suite 200
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BY: sabbasgholipour



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Hunt Valley, Maryland 21030
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www.WallaceMontgomery.com

VERTICAL SCALE: 1"=5'
SCALE: 1"=30'

PROFESSIONAL CERTIFICATION
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MARK J. BODMANN MD NO-31487 EXP-03/18/2023

SEAL
DATE: 09-17-2021

35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section
APPROVED

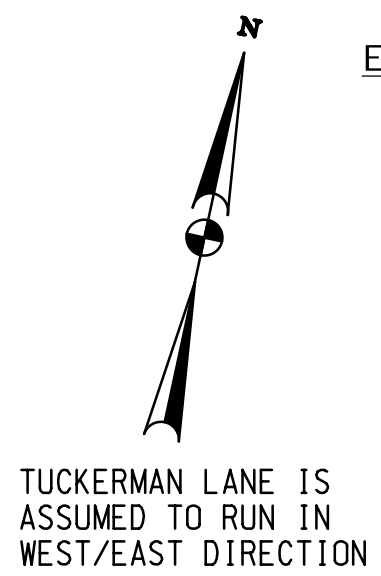
Chief, Division of Engineering Services

Designed by: N.D.K. Drawn by: A.M.G. Checked by: M.J.B.

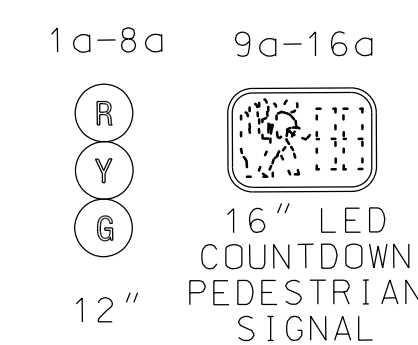
TAX MAPS: HQ31, HQ32, GQ121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

**PLAN SHEET DP-10
DRAINAGE PROFILES
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1**

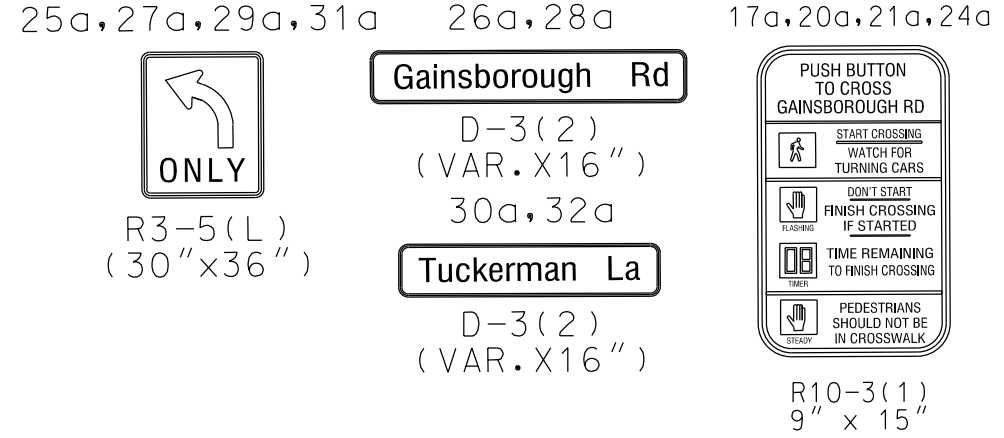
SCALE: AS SHOWN
10/2021
Project No.: C.I.P. PR. # 509337 SHEET 55 of 175



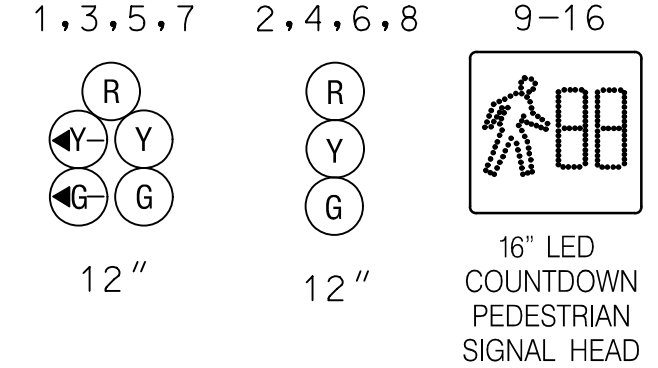
EXISTING SIGNALS TO BE REMOVED



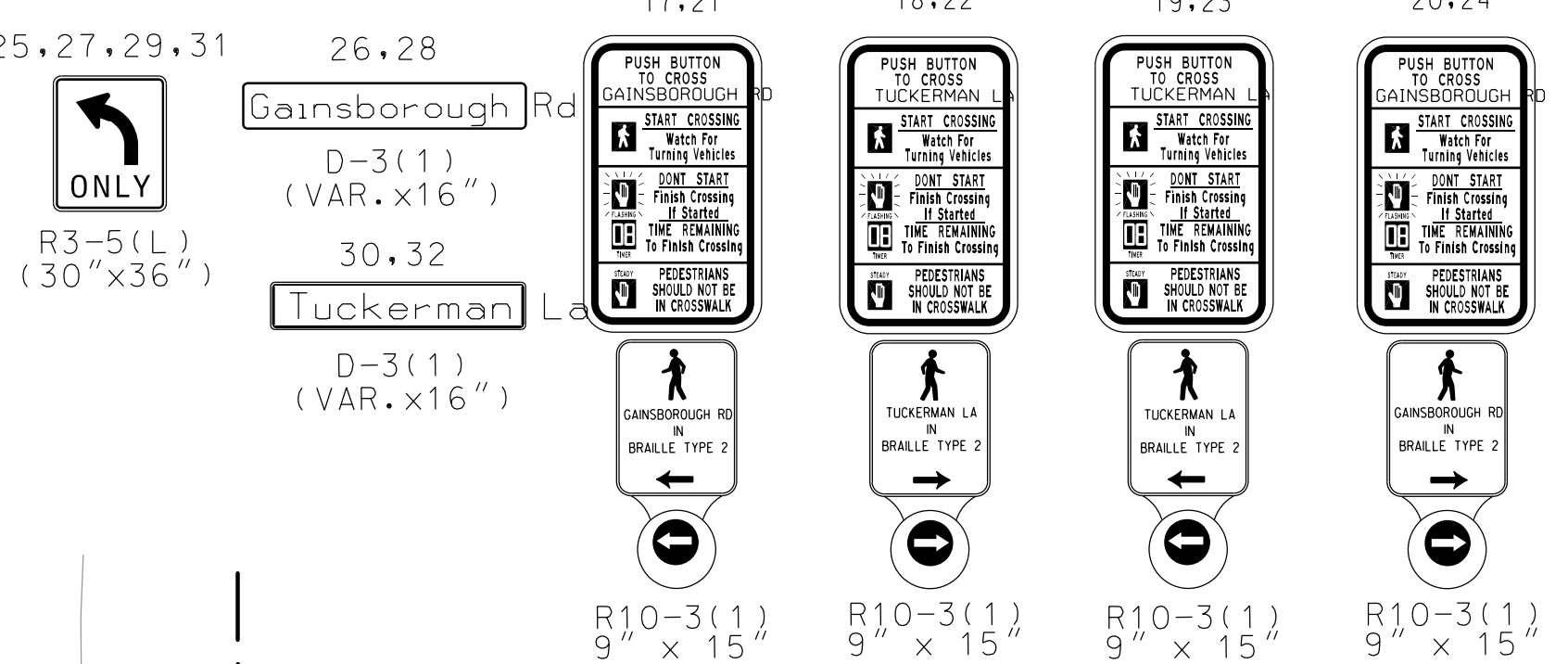
EXISTING SIGNS TO BE REMOVED



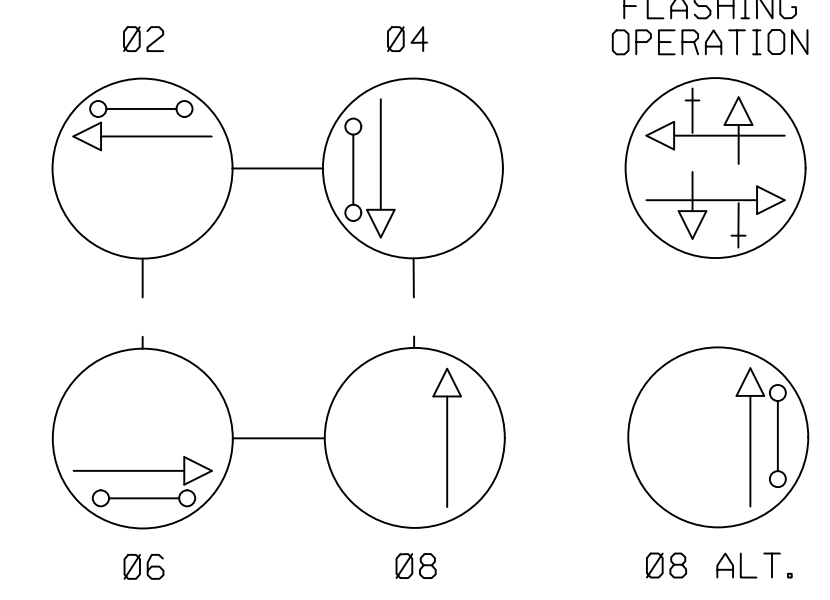
PROPOSED SIGNALS



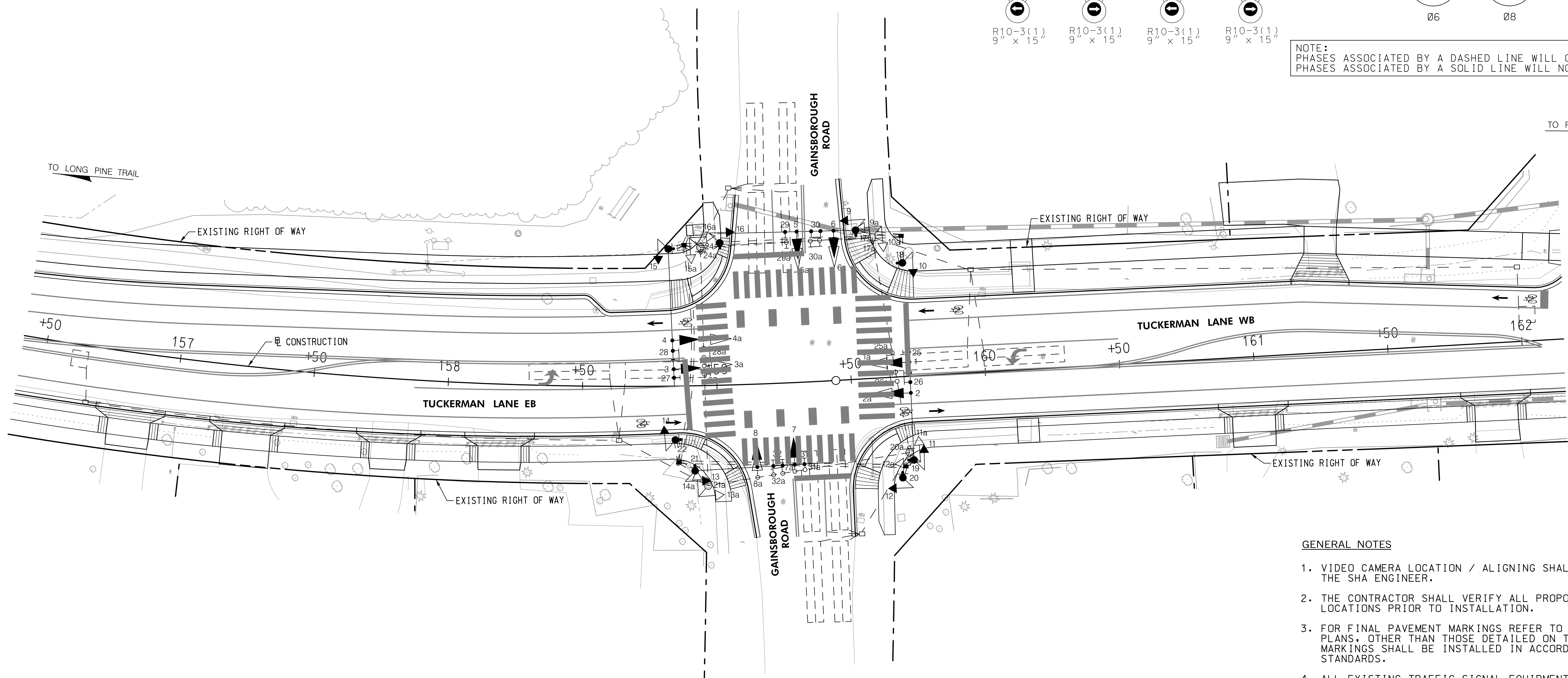
PROPOSED SIGNS



NEMA PHASING

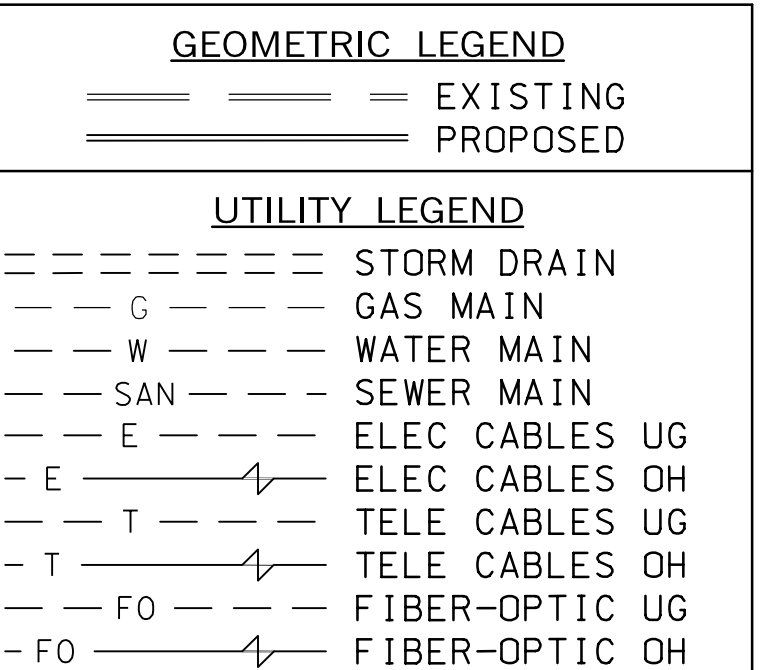


NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



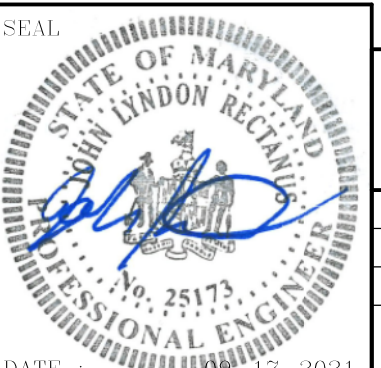
GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. FOR FINAL PAVEMENT MARKINGS REFER TO THE PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
5. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCCELL.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
7. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
8. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.



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JOHN L. RECTANUS MD NO-25173 EXP-06/21/2023



35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

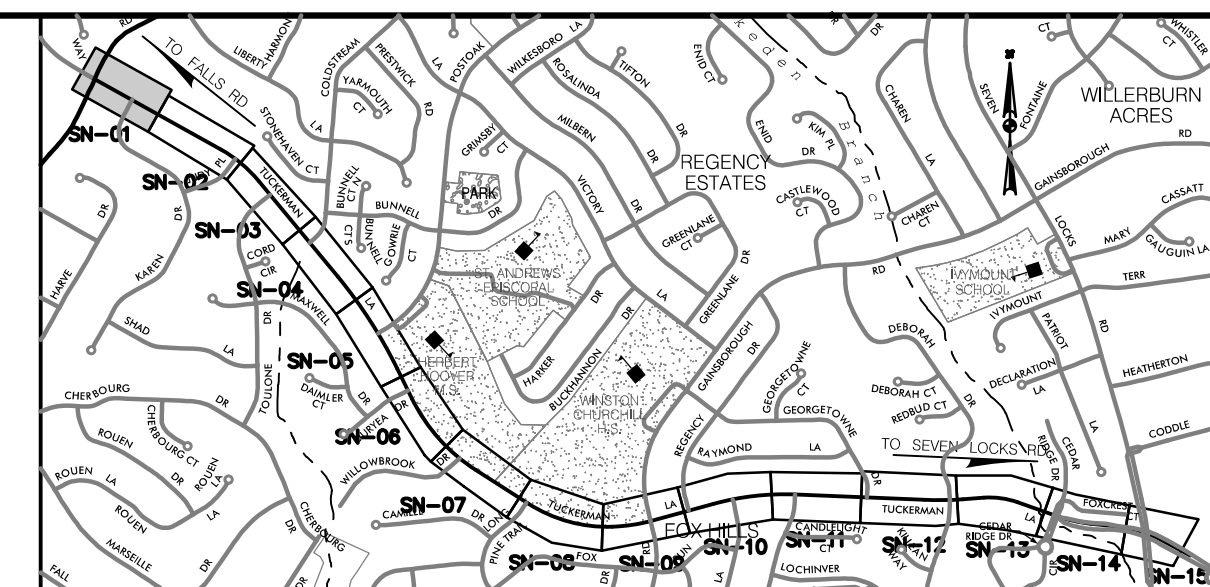
TAX MAPS: HQ31, HQ32, Q0121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SG-01
SIGNAL PLAN
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 156+50 TO STA. 162+50

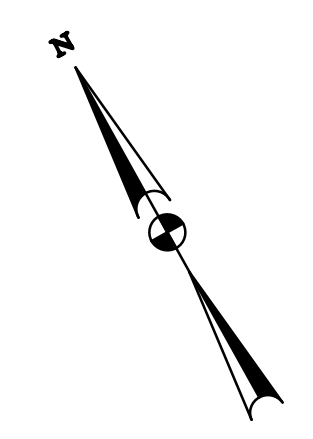
SCALE: 1" = 20' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 89 of 175

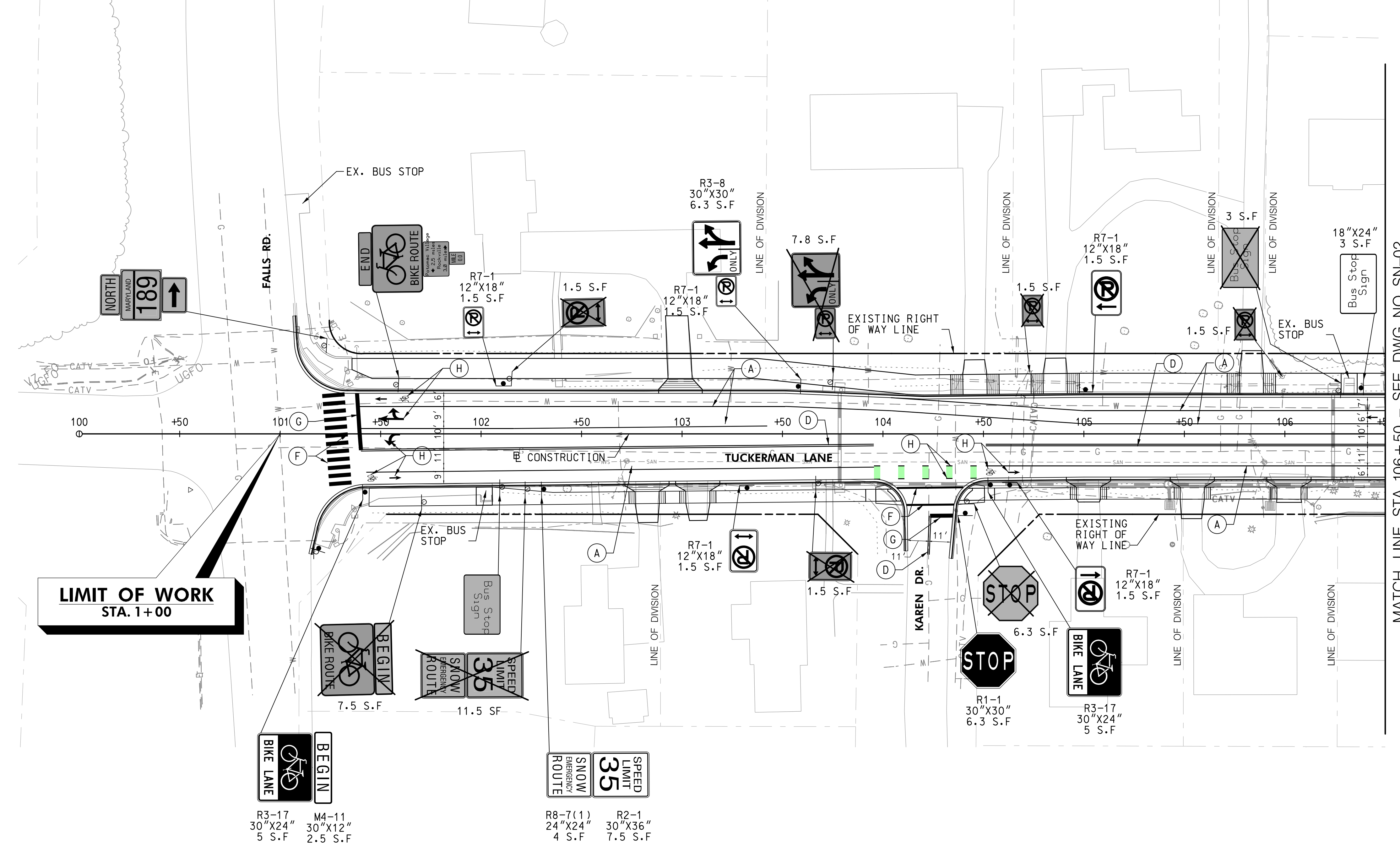
BY: sabbasgholipour



LOCATION MAP
SCALE 1"=1500'



FALLS CHAPEL WAY
SEVEN LOCKS RD

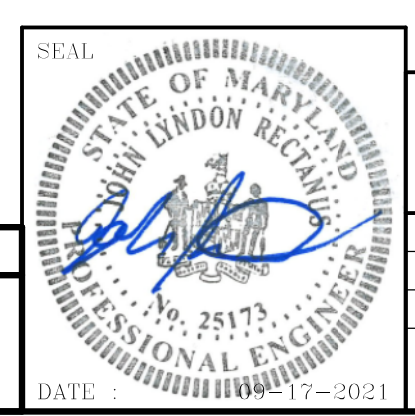


MATCH LINE STA: 106+50 - SEE DWG. NO. SN-02

LIMIT OF WORK
STA. 1+00

LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
(A)	5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(B)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
(C)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
(D)	5' SOLID DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING
(E)	10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(F)	12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(G)	24' SOLID WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING (STOP LINE)
(H)	HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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JOHN L. RECTANUS MD NO-25173 EXP-06/21/2023



35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

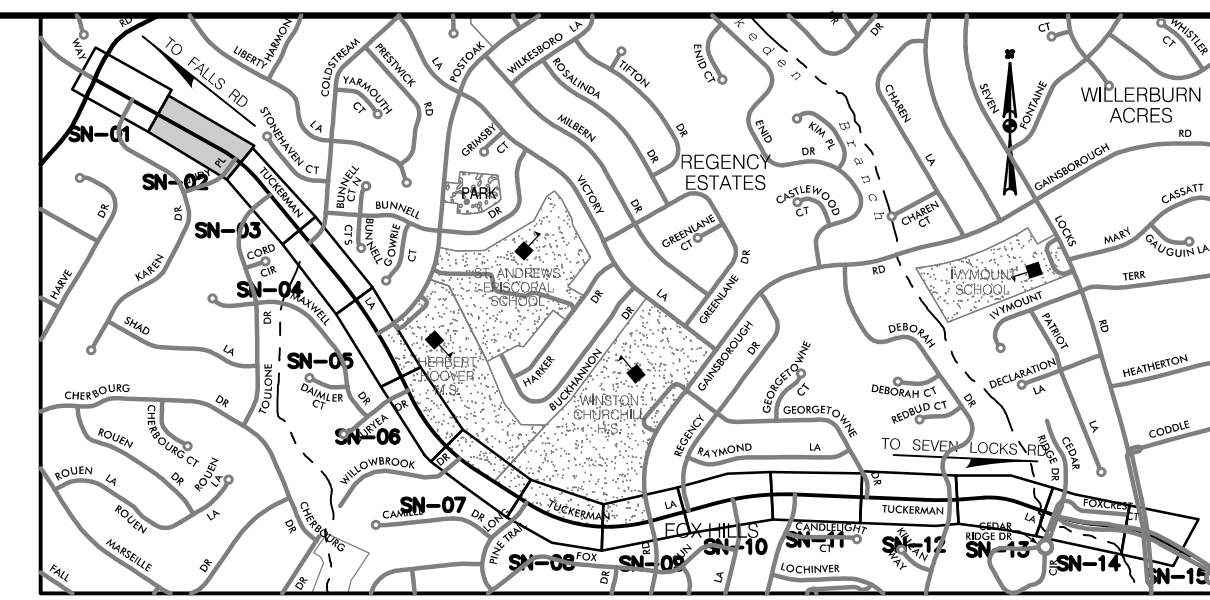
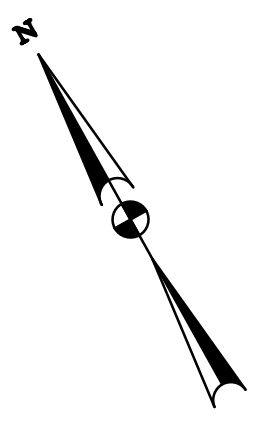
Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

TAX MAPS: HQ31, HQ32, QG121	WSSC GRIDS: 215NW09, 214NW09, 214NW08
PLAN SHEET SN-01	
SIGNING AND MARKING PLANS	
TUCKERMAN LANE	
SIDEWALK/BIKEWAY	
PROJECT - SEGMENT 1	
STA. 100+00 TO STA. 106+50	
SCALE: 1"=30'	10/2021
Project No.: C.I.P. PR. # 509337	SHEET 90 of 175

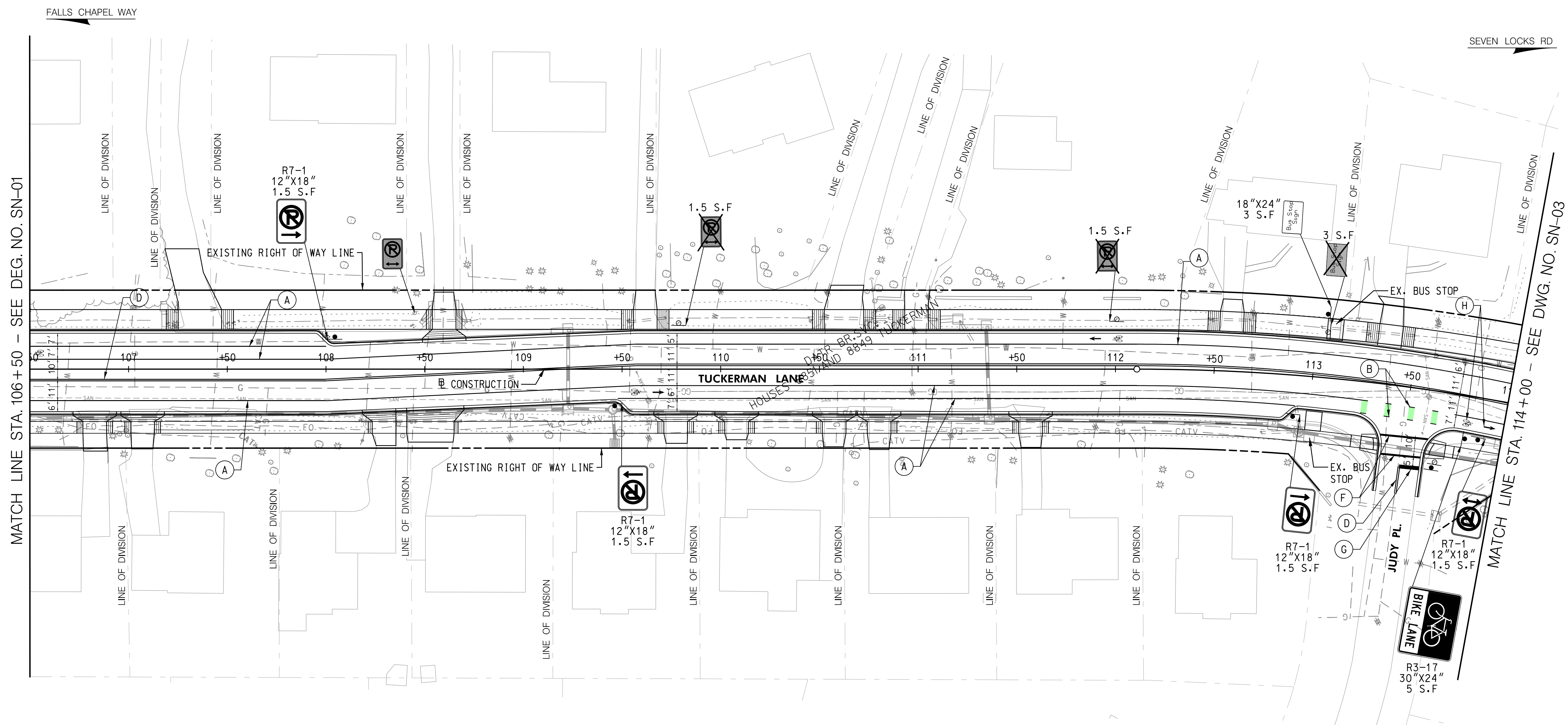
BY: sabbasgholipour



PLOTTED: 3/8/2023
FILE: M:\PROJ\220915\00011\Traffic_Cadd\leSN-2001_Tuckerman.dgn

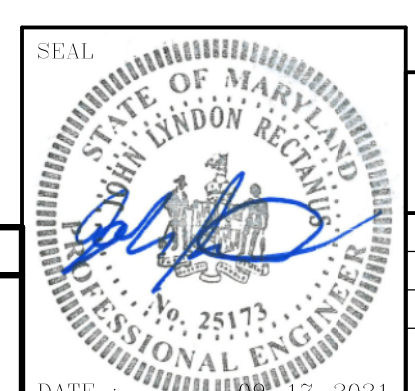


LOCATION MAP
SCALE 1"=1500'



LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
(A)	5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(B)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
(C)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
(D)	5' SOLID DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING
(E)	10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(F)	12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(G)	24' SOLID WHITE HEAT APPLIED PERMANENT PERFORMED PAVEMENT MARKING (STOP LINE)
(H)	HEAT APPLIED PERFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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JOHN L. RECTANUS MD. NO-25173 EXP-06/21/2023



35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW9, 214NW9, 214NW8

PLAN SHEET SN-02
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 106+50 TO STA. 114+00

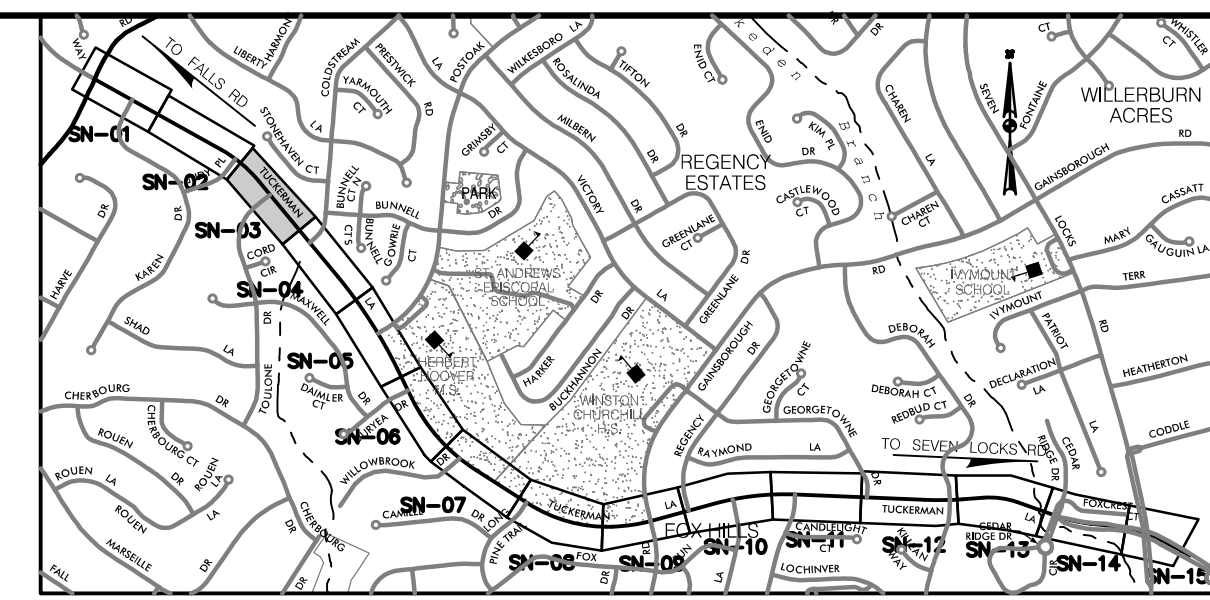
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 91 of 175

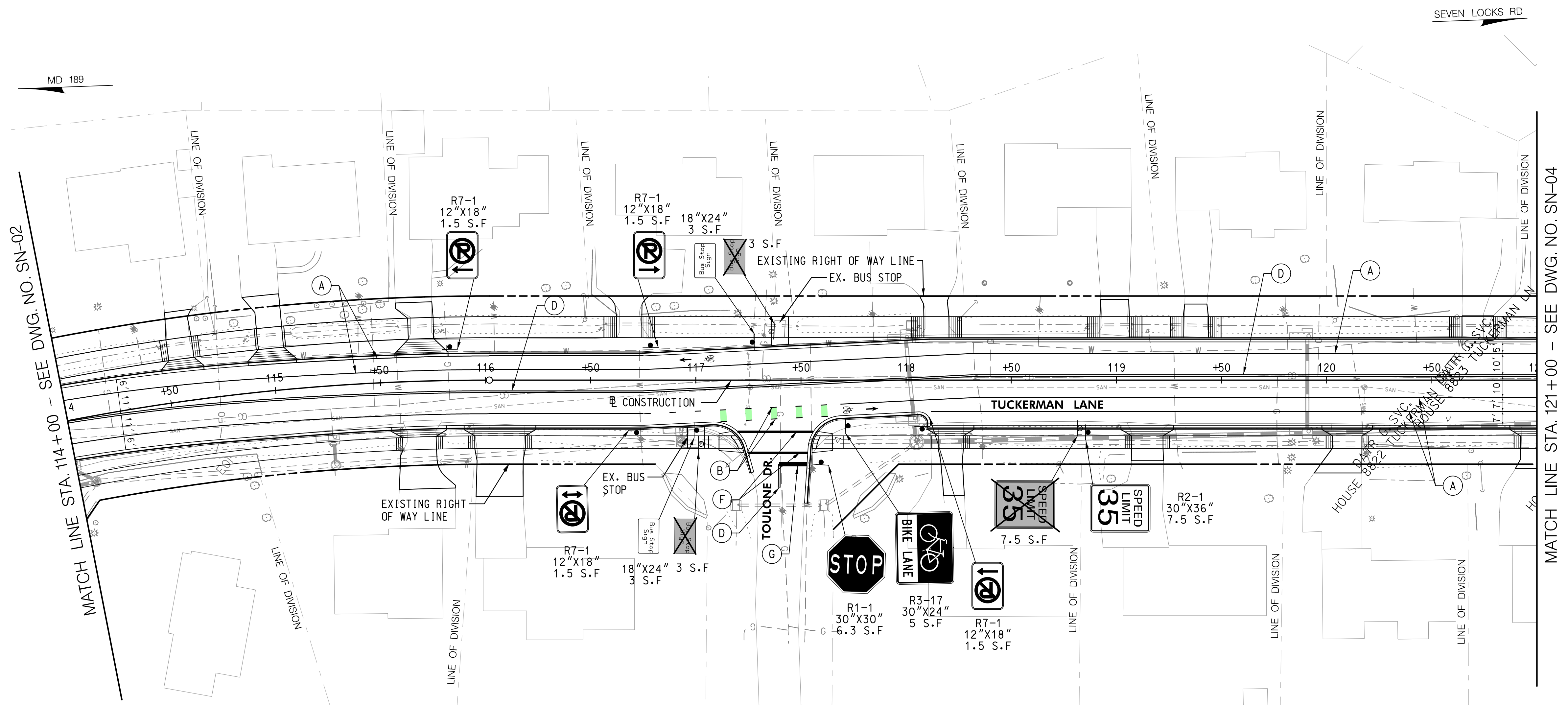
BY: sabbasgholipour

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Hunt Valley, Maryland 21030
410.494.9093 | Fax 410.967.0925 | Fax
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PLOTTED: 3/8/2023
FILE: M:\PROJ\220015.00011\Traffic_Cadd_lpSN-2002_Tuckerman.dgn

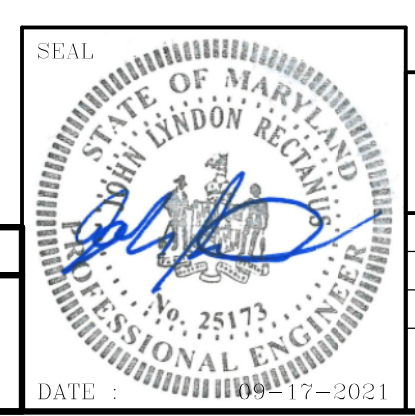


LOCATION MAP
SCALE 1"=1500'



LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
(A)	5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(B)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
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(H)	HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SN-03
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 114+00 TO STA. 121+00

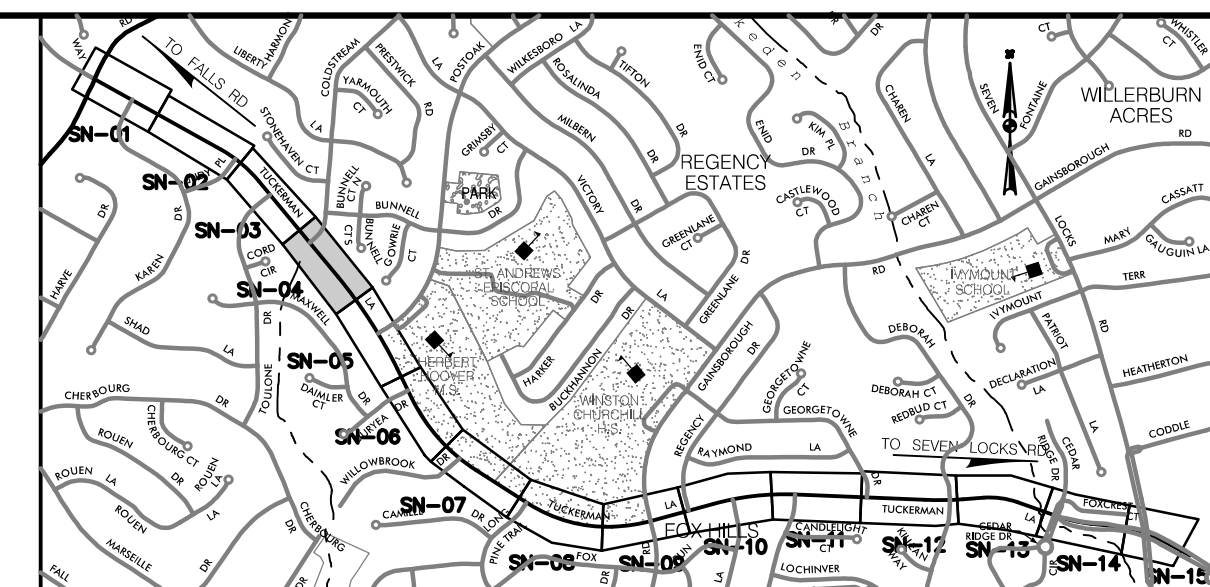
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Project No.: C.I.P. PR. # 509337 SHEET 92 of 175

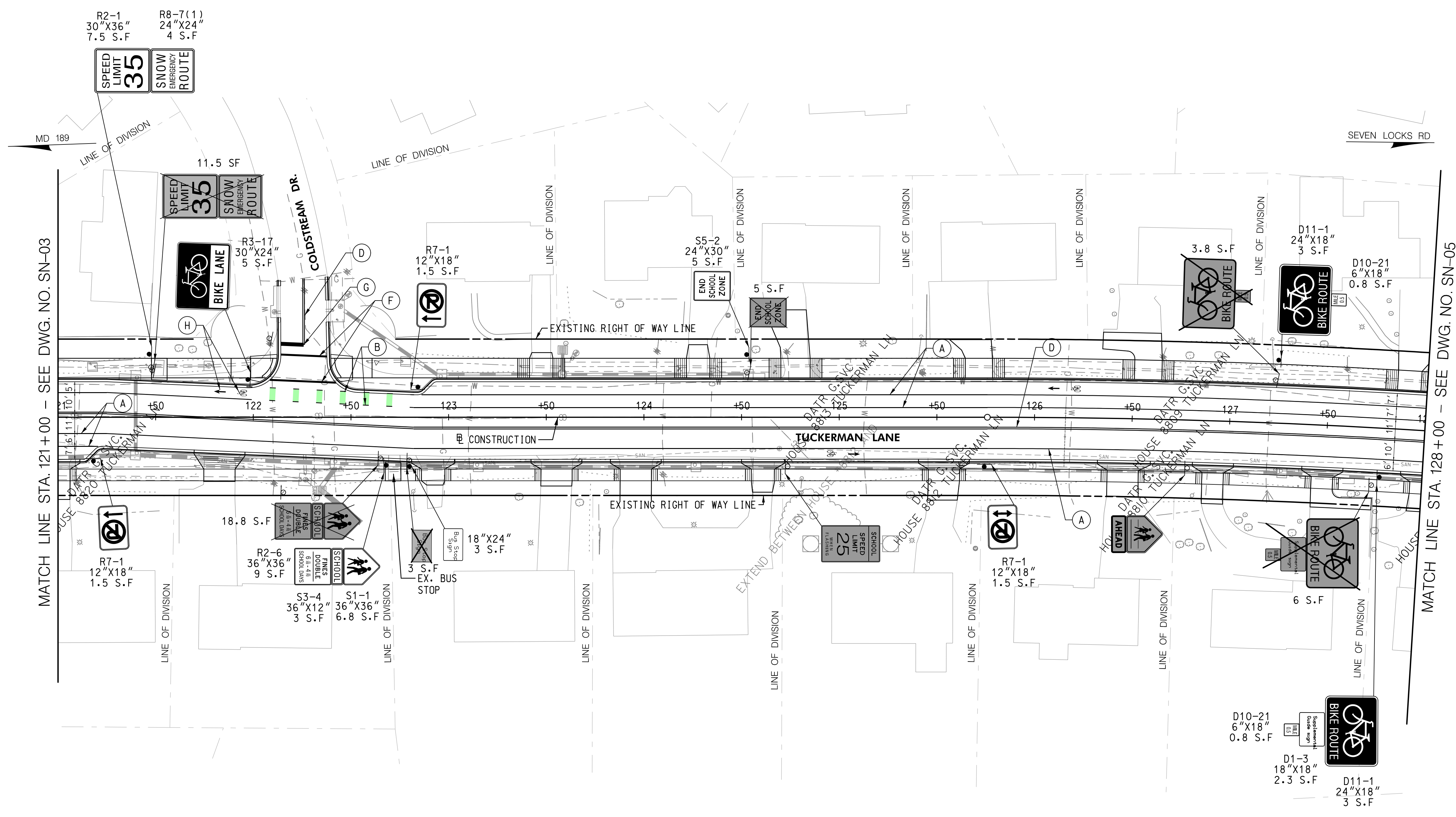
BY: sabbasgholipour

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410.494.9093 | Fax | 410.967.0925 Fax
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PLOTTED: 3/8/2023
FILE: M:\PROJ\220015\00011\Traffic_Cadd_lpSN-2003_Tuckerman.dgn

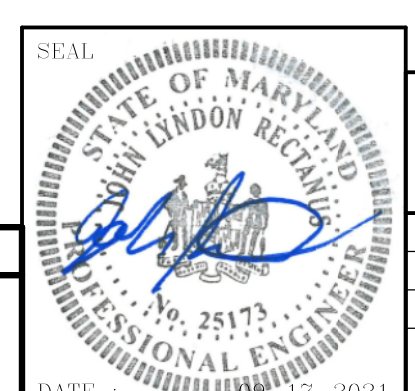


LOCATION MAP
SCALE 1"=1500'



LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
	(A) 5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	(B) 5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
	(C) 5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
	(D) 5' SOLID DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING
	(E) 10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	(F) 12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	(G) 24' SOLID WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING (STOP LINE)
	(H) HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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.
JOHN L. RECTANUS MD NO-25173 EXP-06/21/2023



35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

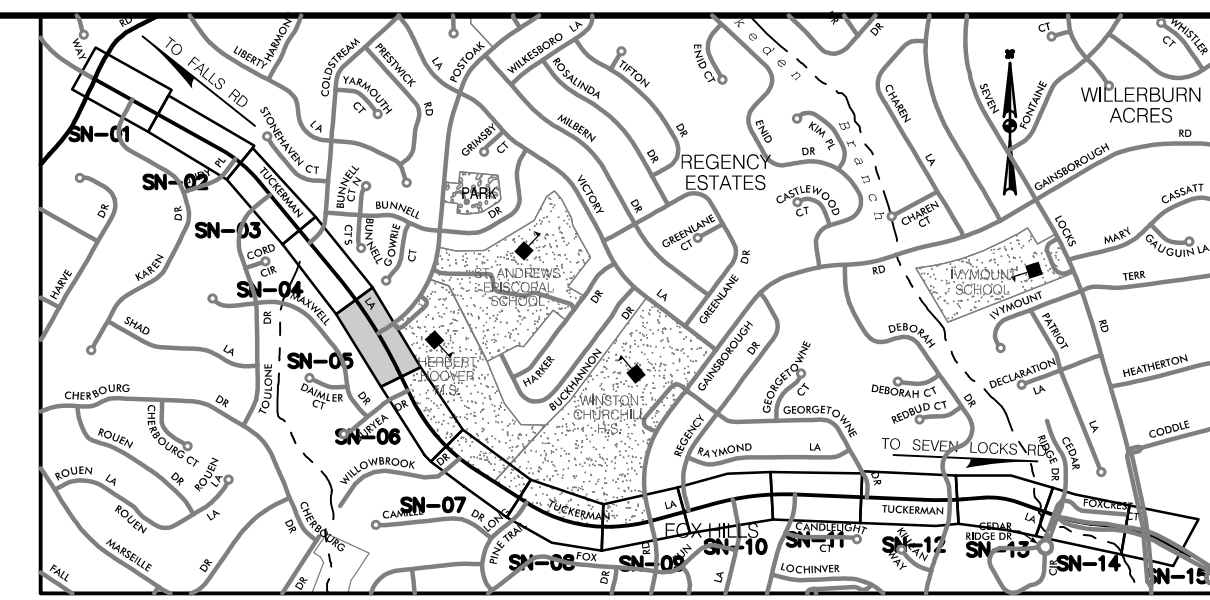
Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

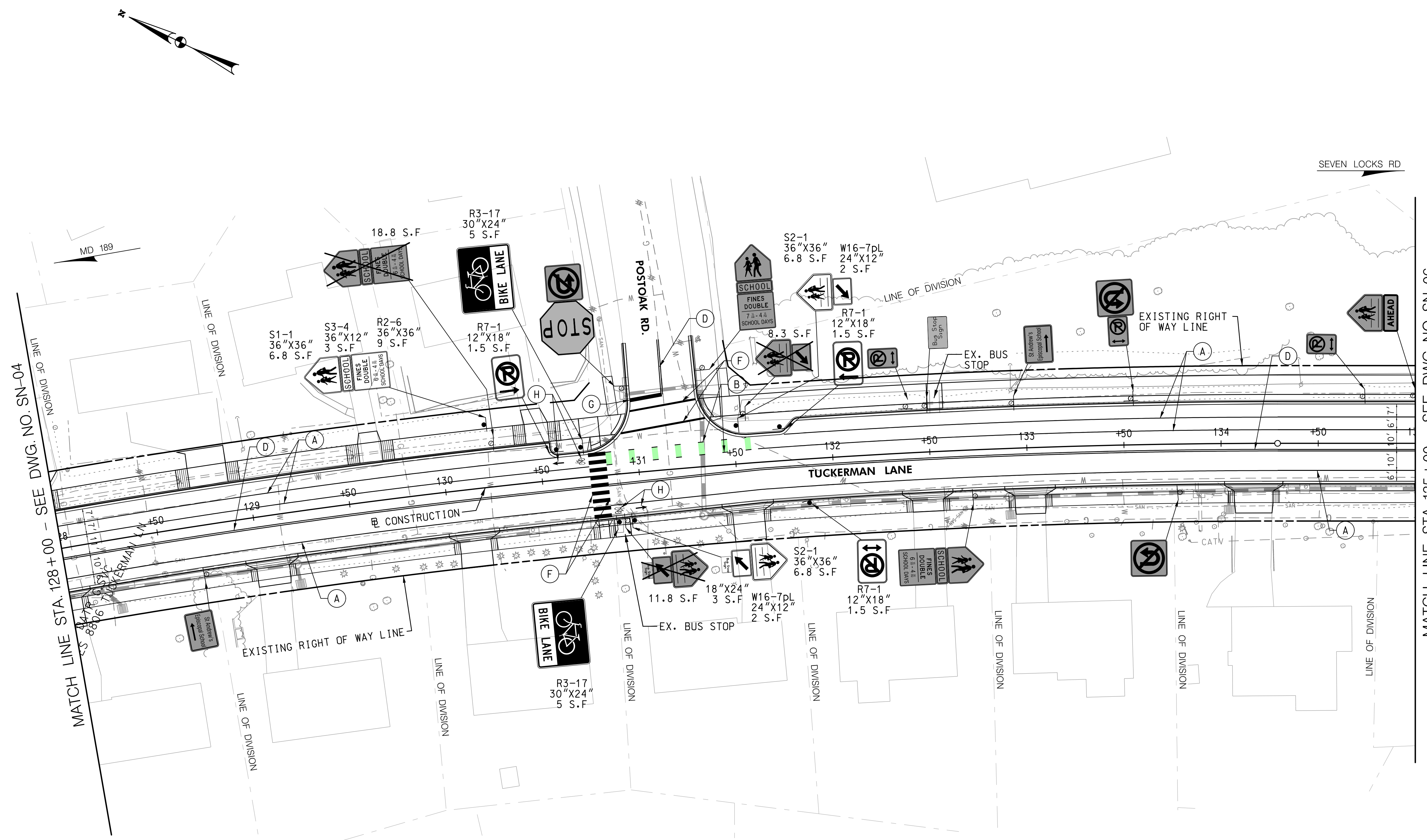
PLAN SHEET SN-04
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 121+00 TO STA. 128+00

SCALE: 1"=30'

Project No.: C.I.P. PR. # 509337 SHEET 93 of 175

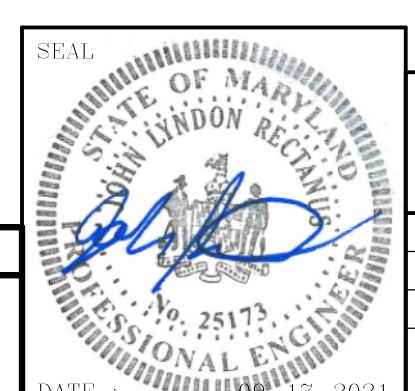


LOCATION MAP
SCALE 1"=1500'



LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
(A)	5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(B)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
(C)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
(D)	5' SOLID DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING
(E)	10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(F)	12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(G)	24" SOLID WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING (STOP LINE)
(H)	HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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JOHN L. RECTANUS MD NO-25173 EXP-06/21/2023



35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SN-05
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 128+00 TO STA. 135+00

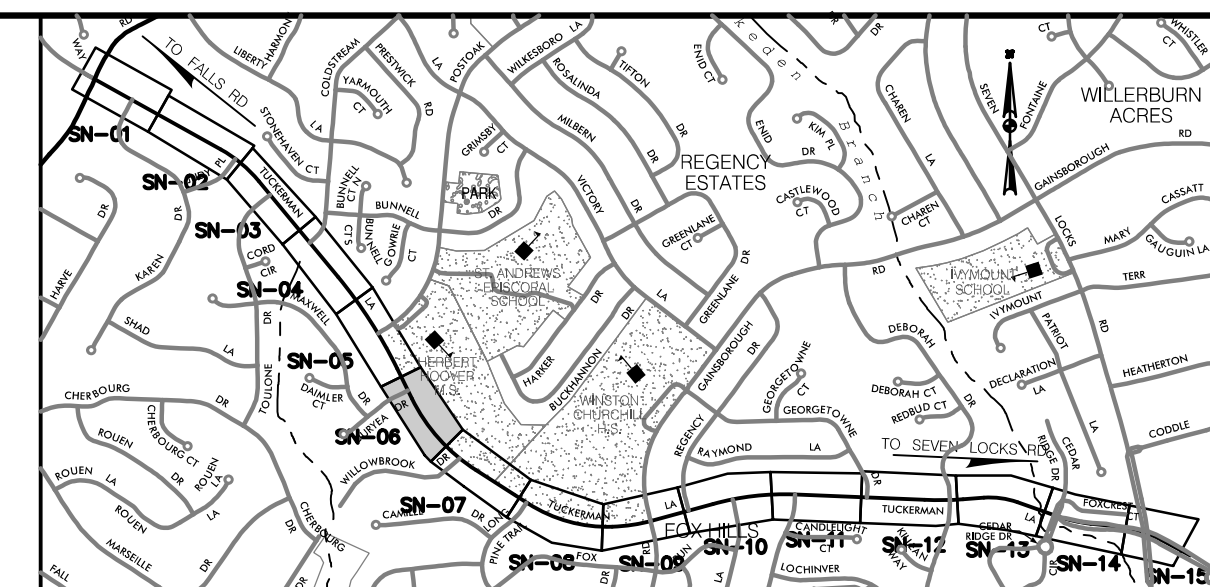
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 94 of 175

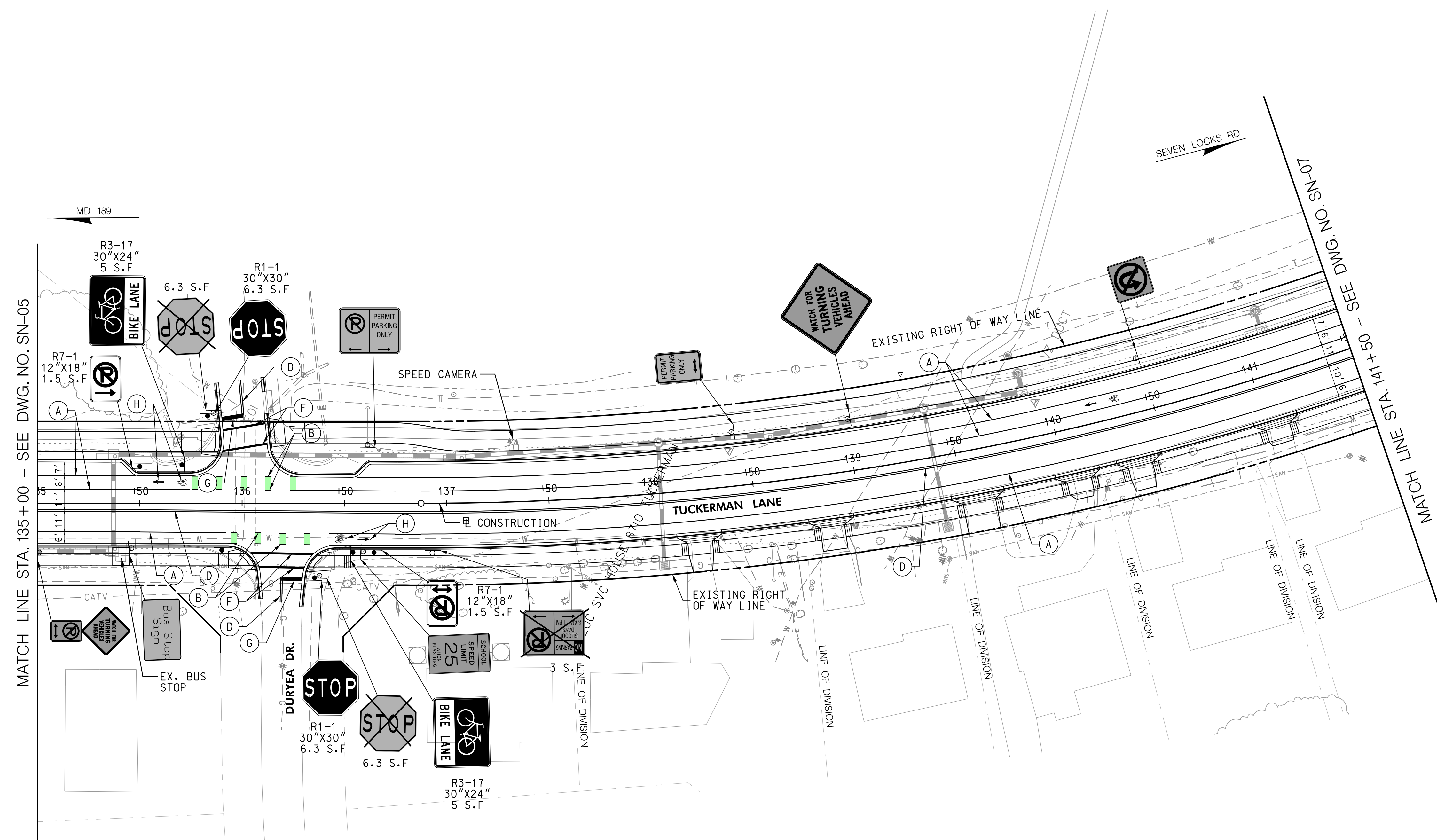
BY: sabbasgholipour

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10150 York Road, Suite 200
Hunt Valley, Maryland 21030
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PLOTTED: 3/8/2023
FILE: M:\PROJ\220015.00011\Traffic_Cadd_lpSN-2005_Tuckerman.dgn

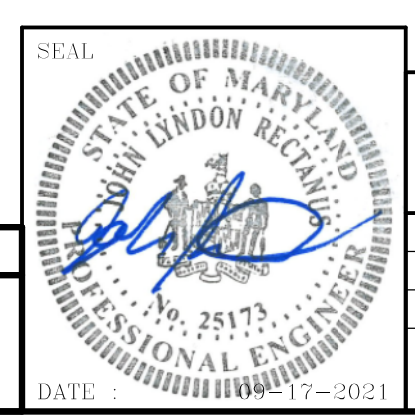


LOCATION MAP
SCALE 1"=1500'



LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
(A)	5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(B)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
(C)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
(D)	5' SOLID DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING
(E)	10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(F)	12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(G)	24' SOLID WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING (STOP LINE)
(H)	HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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JOHN L. RECTANUS MD NO-25173 EXP-06/21/2023



35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SN-06
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 135+00 TO STA. 141+50

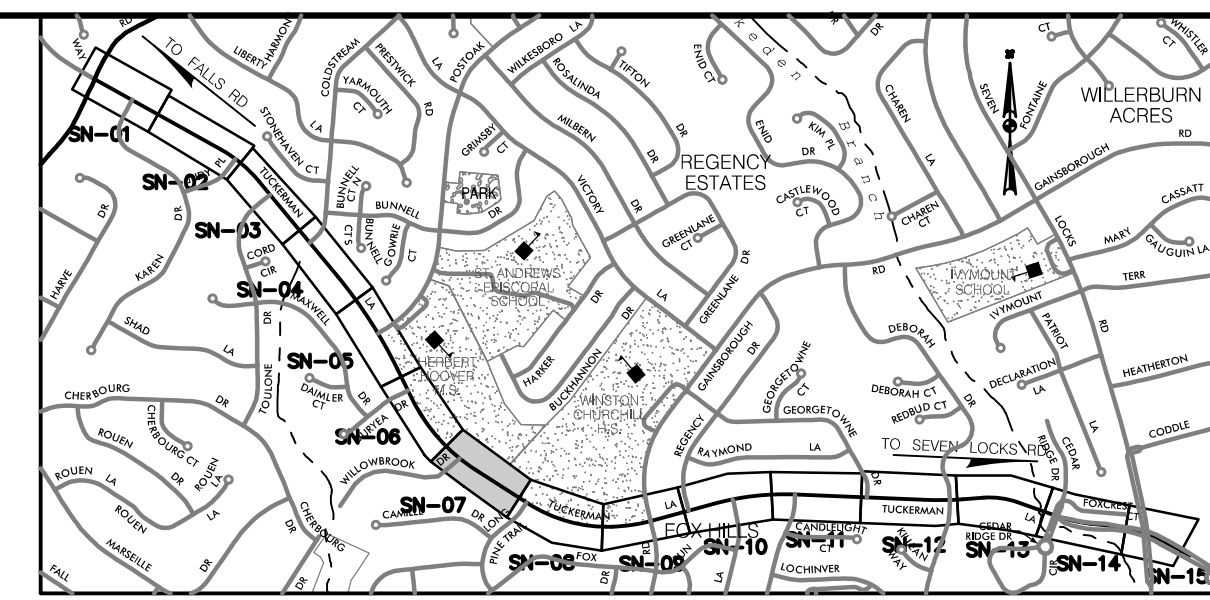
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 95 of 175

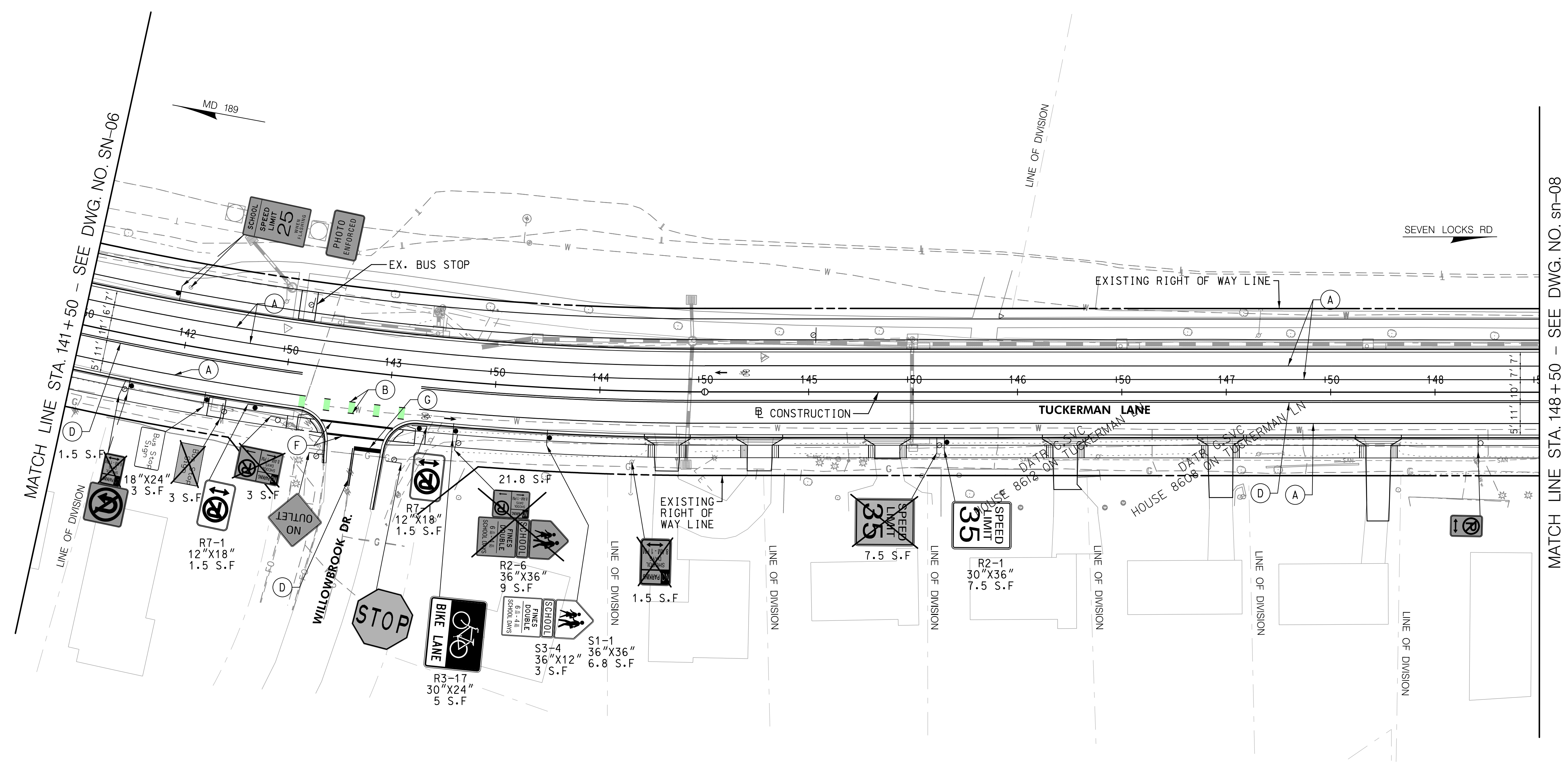
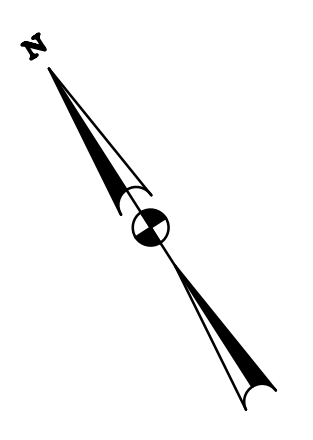
BY: sabbasgholipour

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PLOTTED: 3/8/2023
FILE: M:\PROJ\220015\00011\Traffic_Cadd_lpSN-2006_Tuckerman.dgn

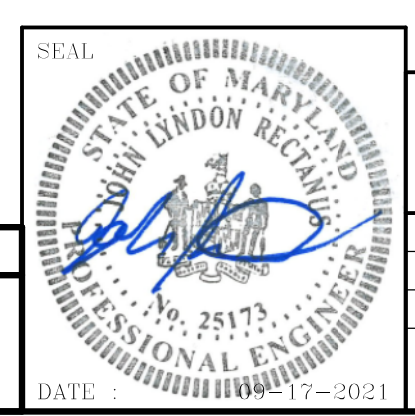


LOCATION MAP
SCALE 1"=1500'



LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
(A)	5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(B)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
(C)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
(D)	5' SOLID DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING
(E)	10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(F)	12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(G)	24' SOLID WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING (STOP LINE)
(H)	HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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JOHN L. RECTANUS MD NO-25173 EXP-06/21/2023



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DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SN-07
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 141+50 TO STA. 148+50

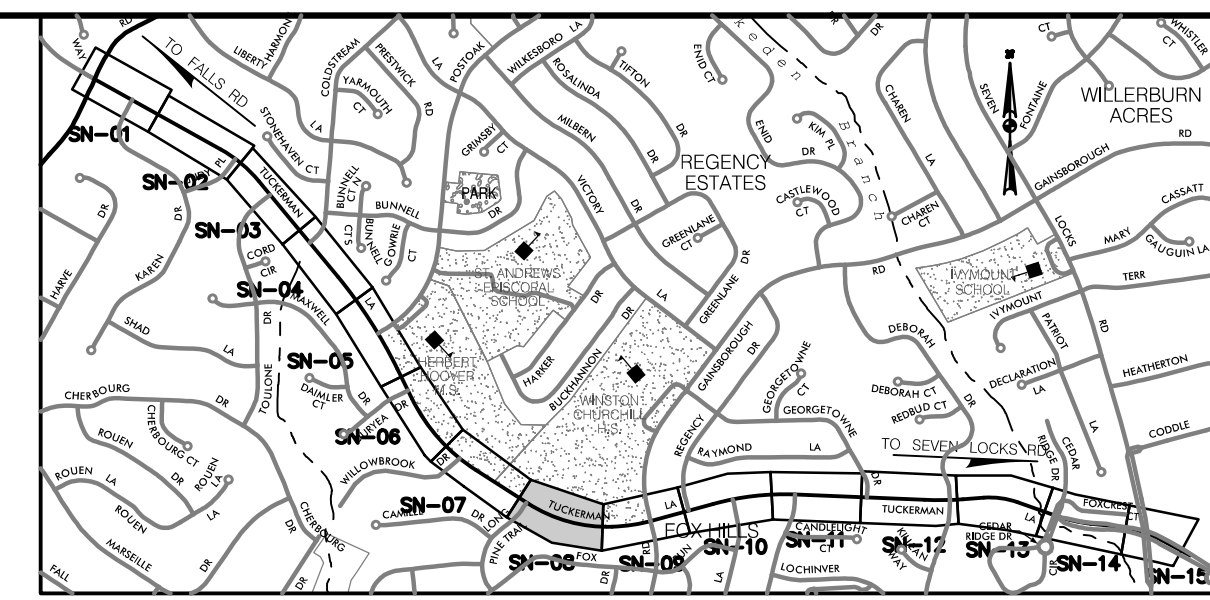
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 96 of 175

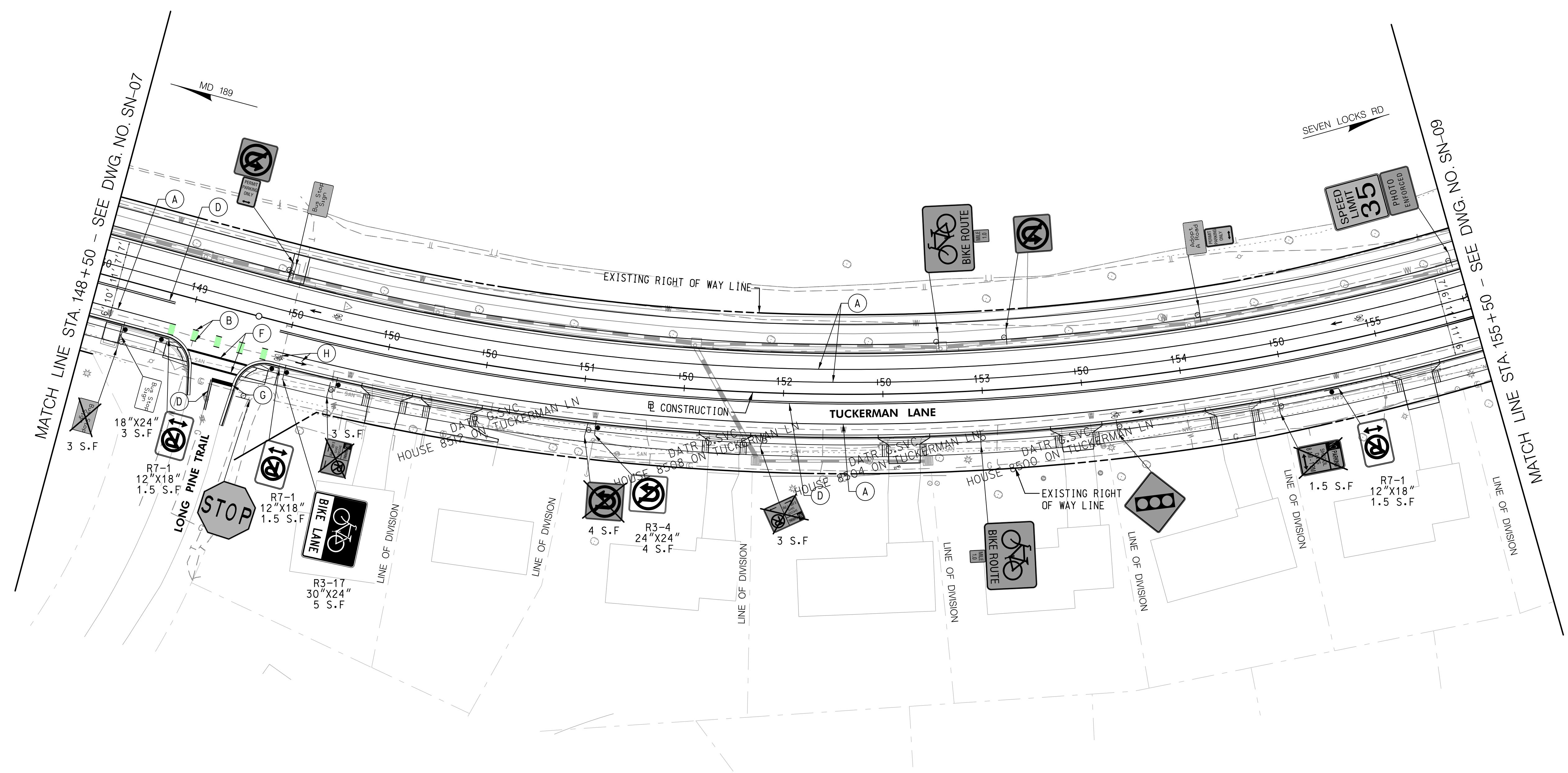
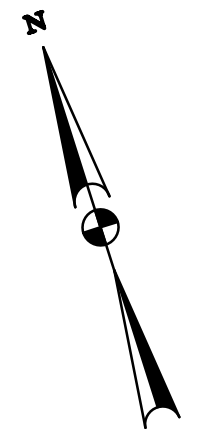
BY: sabbasgholipour

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PLOTTED: 3/8/2023
FILE: M:\PROJ\220615\00011\Traffic_Cadd\leSN-2007_Tuckerman.dgn

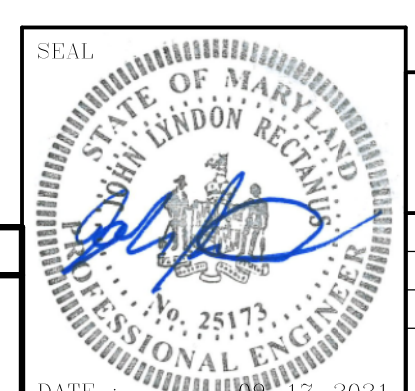


LOCATION MAP
SCALE 1"=1500'



LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
	A 5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	B 5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
	C 5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
	D 5' SOLID DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING
	E 10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	F 12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	G 24' SOLID WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING (STOP LINE)
	H HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SN-08
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 148+50 TO STA. 155+50

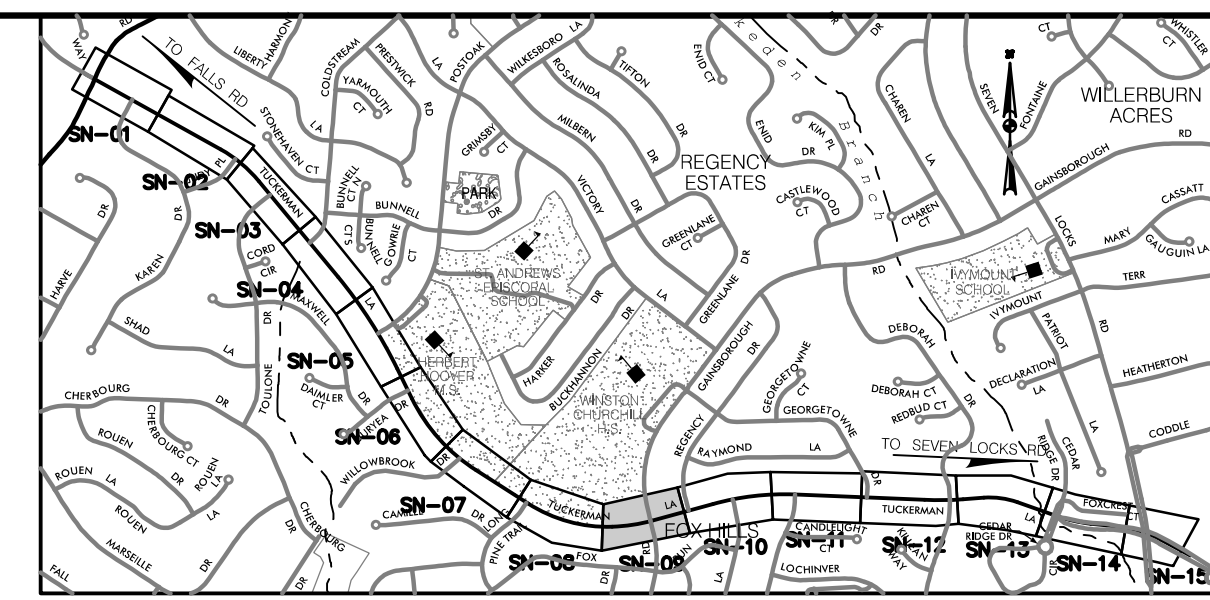
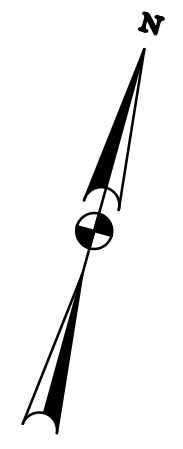
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 97 of 175

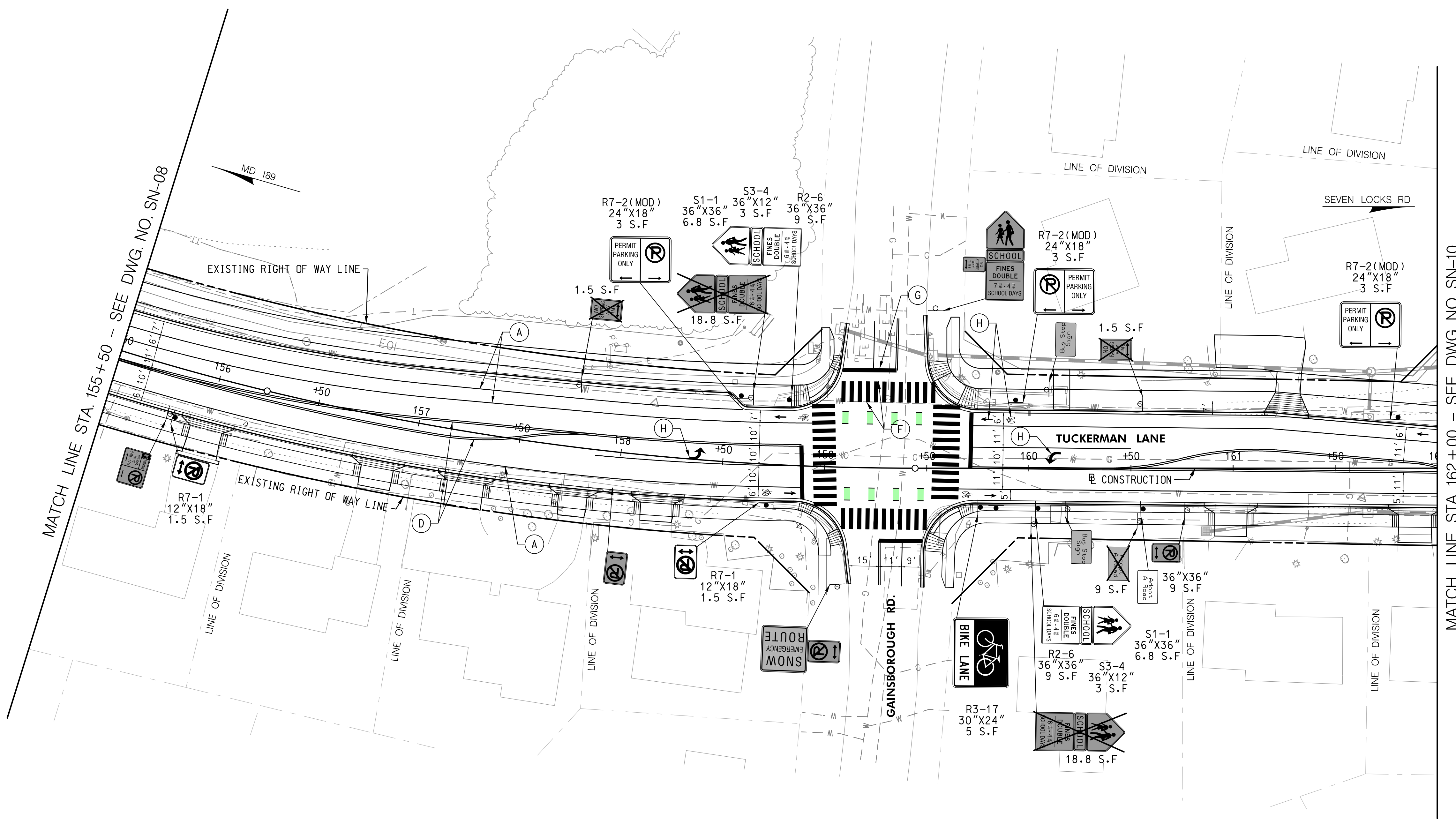
BY: sabbasgholipour



PLOTTED: 3/8/2023
FILE: M:\PROJ\220815\00011\Traffic_Cadd\pSN-2008_Tuckerman.dgn



LOCATION MAP
SCALE: 1"=1500'

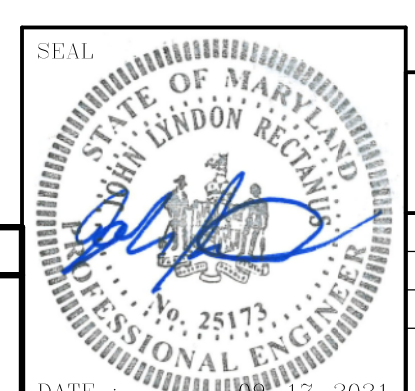


MATCH LINE STA. 155+50 - SEE DWG. NO. SN-08

MATCH LINE STA. 162+00 - SEE DWG. NO. SN-10

LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
(A)	5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(B)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
(C)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
(D)	5' SOLID DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING
(E)	10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(F)	12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(G)	24' SOLID WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING (STOP LINE)
(H)	HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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JOHN L. RECTANUS MD NO-25173 EXP-06/21/2023



35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SN-09
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 155+50 TO STA. 162+00

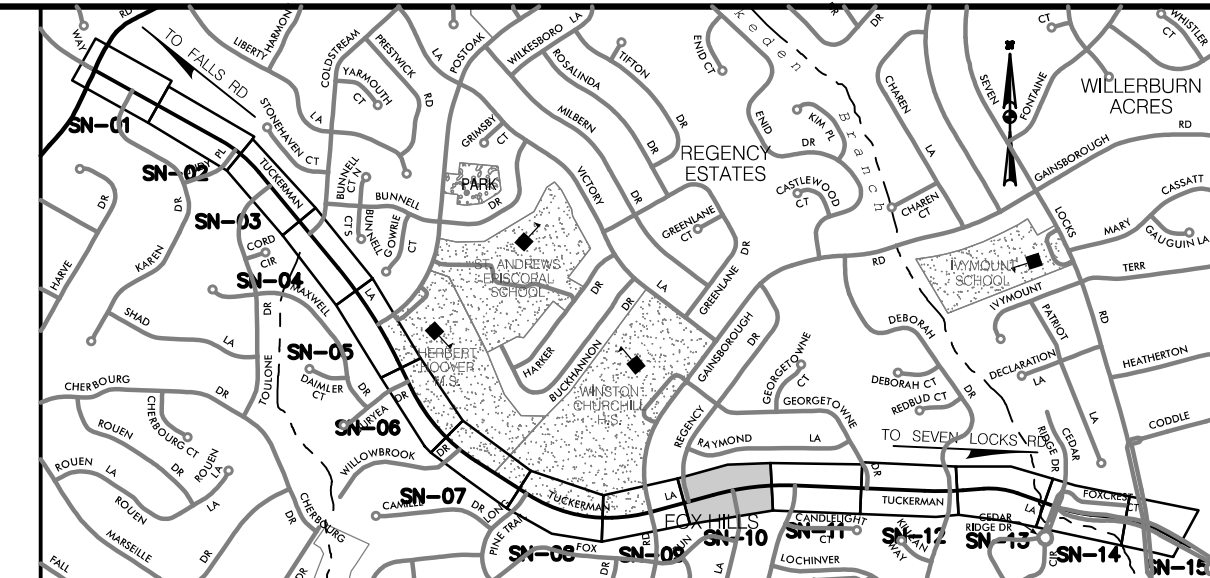
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 98 of 175

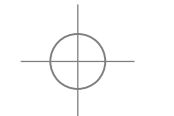
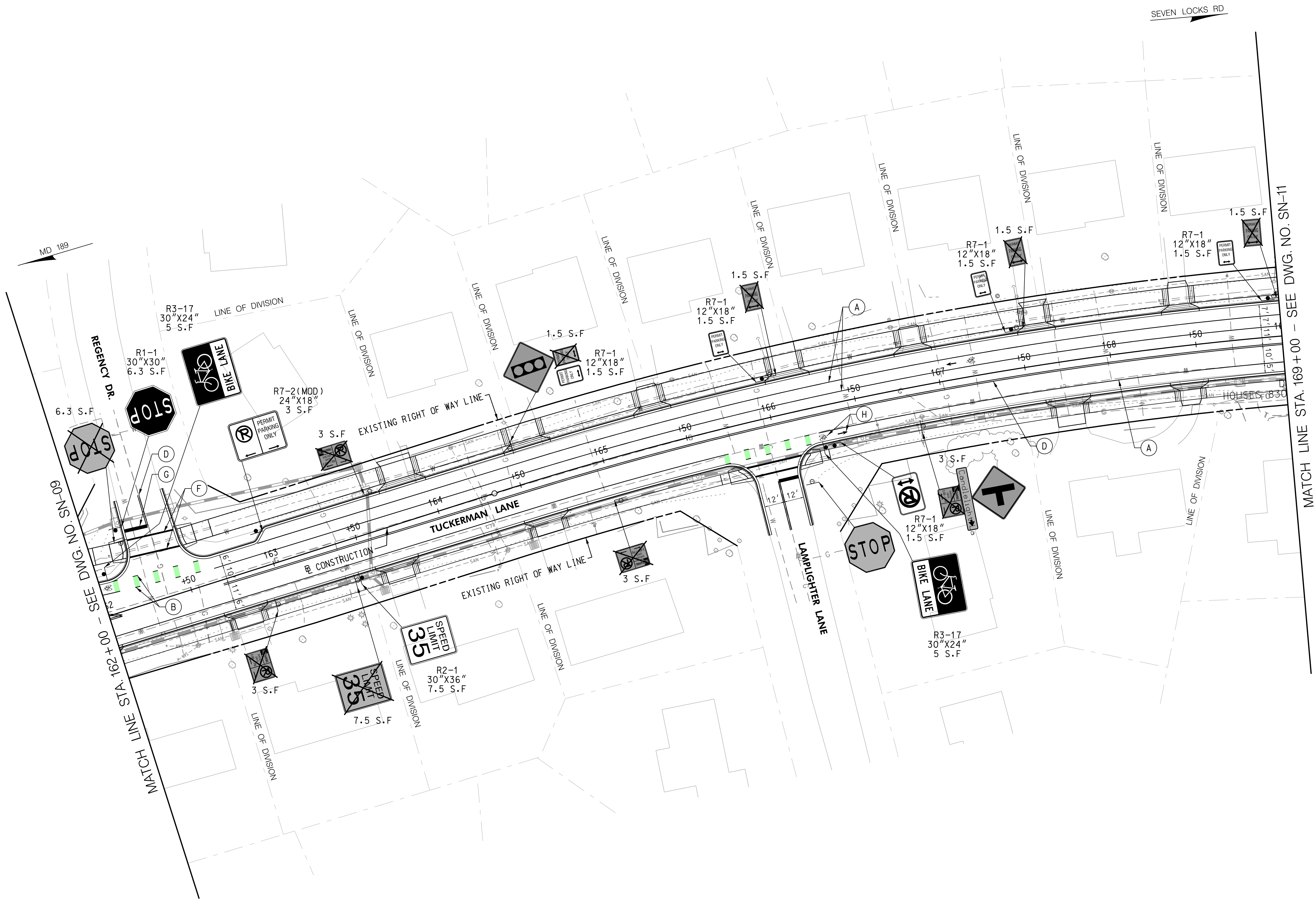
BY: sabbasgholipour



PLOTTED: 3/8/2023
FILE: M:\PROJ\220015\00011\Traffic_Cadd_lpSN-2009_Tuckerman.dgn

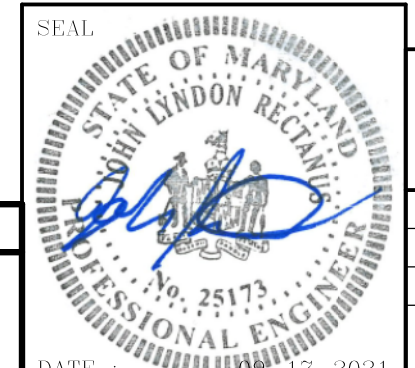


LOCATION MAP
SCALE 1"=1500'



LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
(A)	5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(B)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
(C)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
(D)	5' SOLID DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING
(E)	10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(F)	12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(G)	24' SOLID WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING (STOP LINE)
(H)	HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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JOHN L. RECTANUS MD NO-25173 EXP-06/21/2023



35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SN-10
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 162+00 TO STA. 169+00

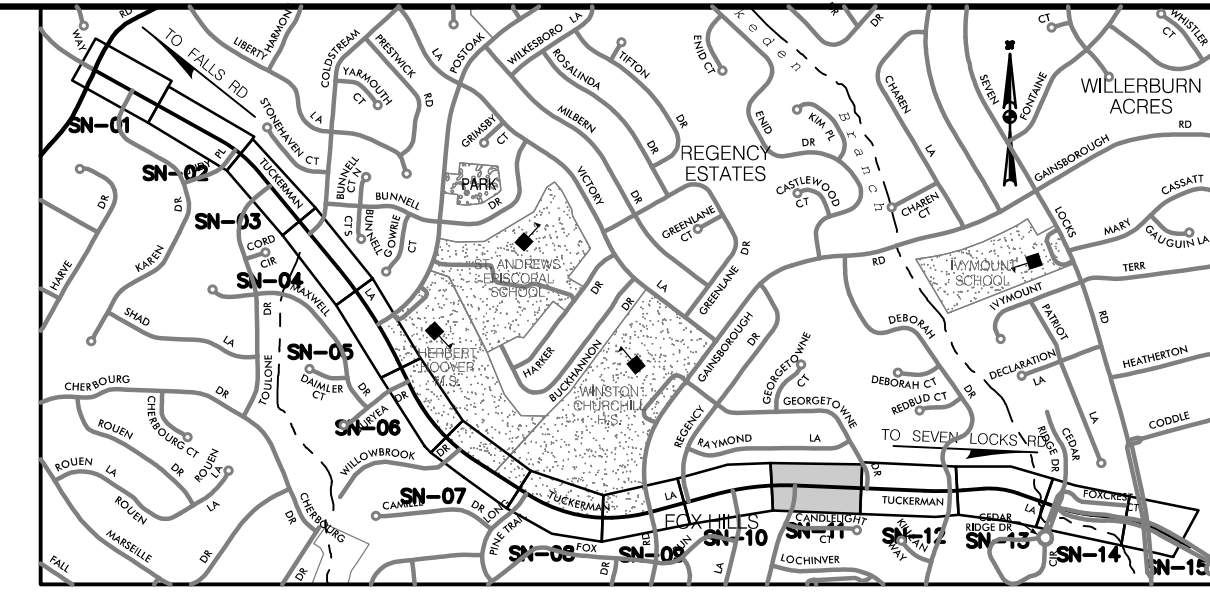
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 99 of 175

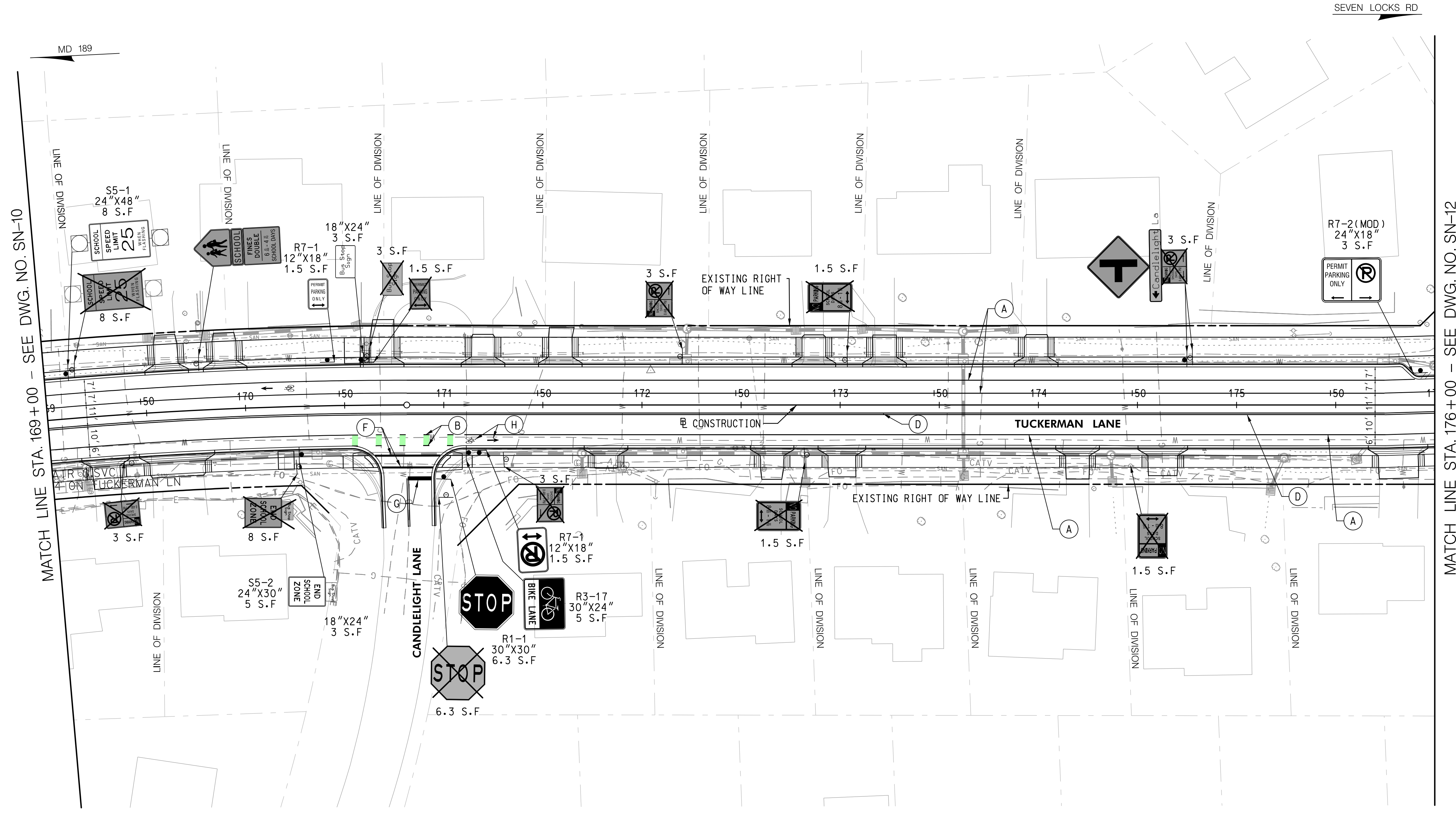
BY: sabbasgholipour

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PLOTTED: 3/8/2023
FILE: M:\PROJ\220015\00011\Traffic_Cadd\leSN-2010_Tuckerman.dgn



LOCATION MAP
SCALE 1"=1500'

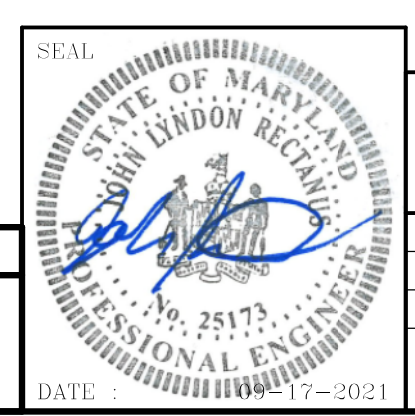


MATCH LINE STA. 169+00 - SEE DWG. NO. SN-10

MATCH LINE STA. 176+00 - SEE DWG. NO. SN-12

LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
(A)	5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(B)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
(C)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
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JOHN L. RECTANUS MD NO-25173 EXP-06/21/2023



35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SN-11

SIGNING AND MARKING PLANS

TUCKERMAN LANE

SIDEWALK/BIKEWAY

PROJECT - SEGMENT 1

STA. 169+00 TO STA. 176+00

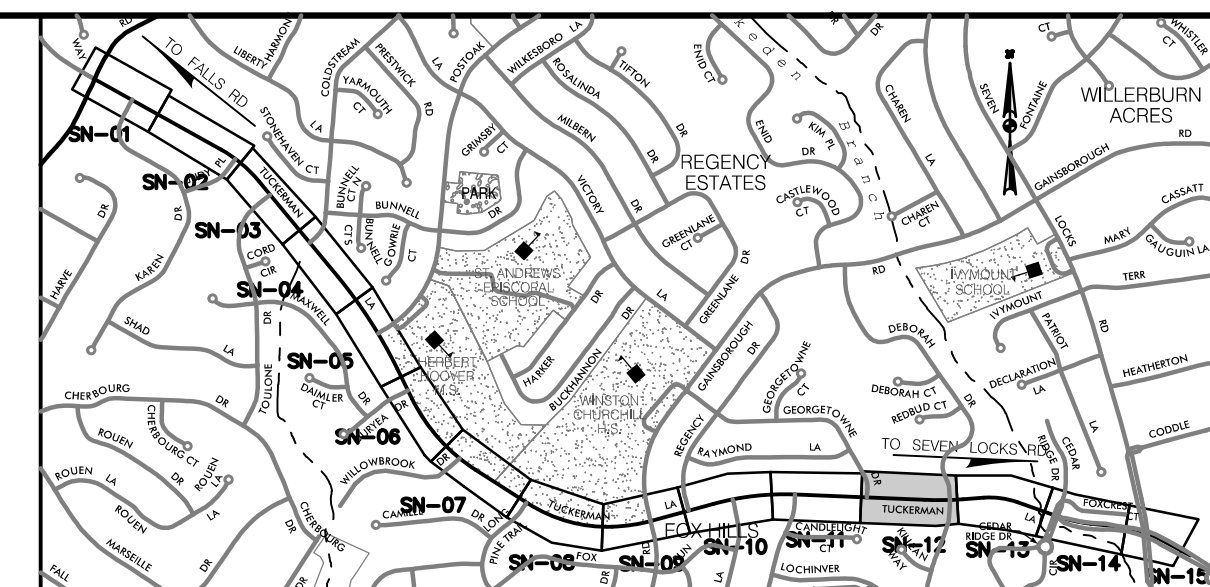
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 100 of 175

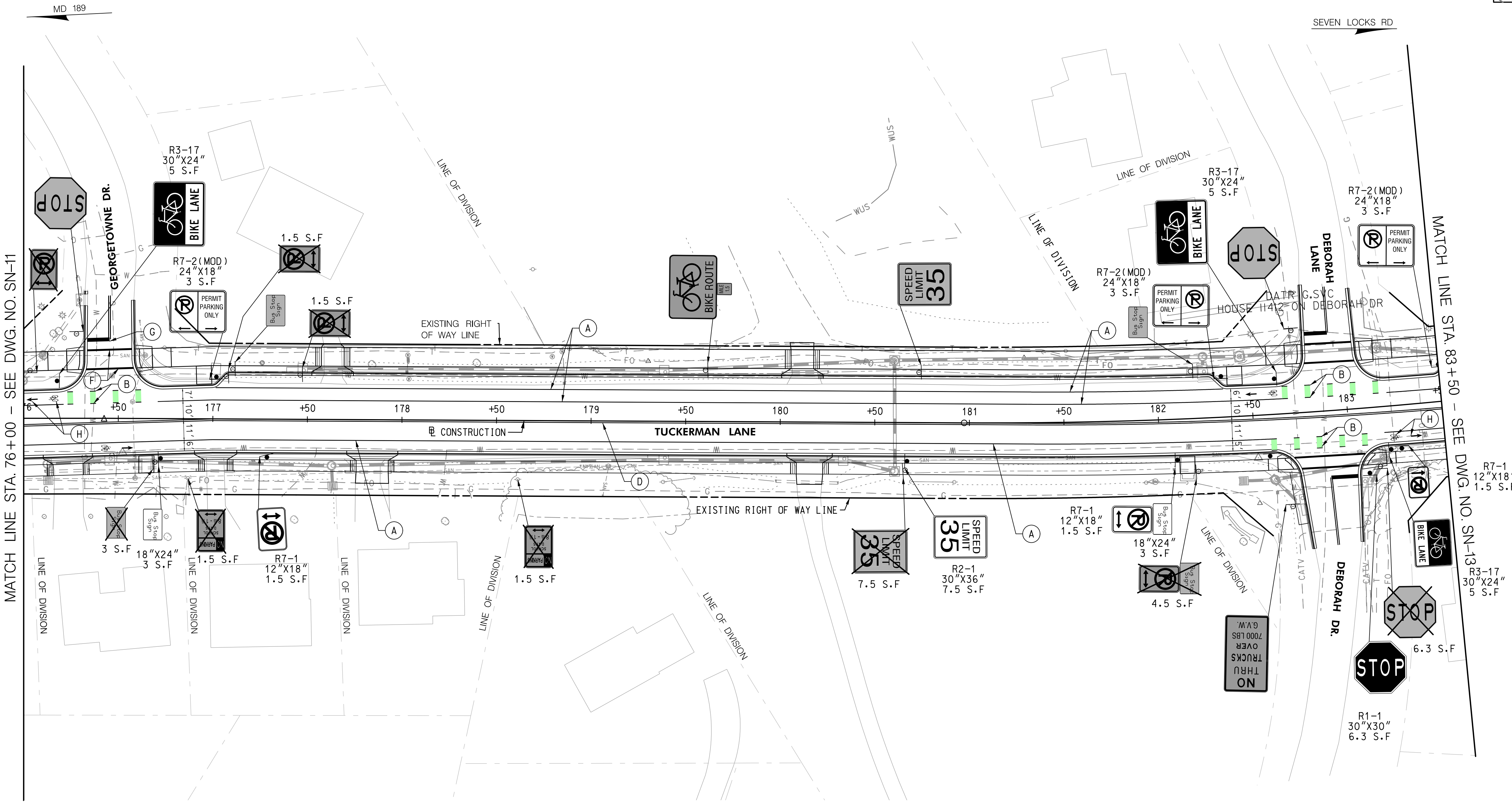
BY: sabbasgholipour -

WALLACE MONTGOMERY
ENGINEERS-PLANNERS-SURVEYORS-CONSTRUCTION MANAGERS
10150 York Road, Suite 200
Hunt Valley, Maryland 21030
410.494.9093 | Fax: 410.967.0925 | Fax
www.WallaceMontgomery.com A Limited Liability Partnership

PLOTTED: 3/8/2023
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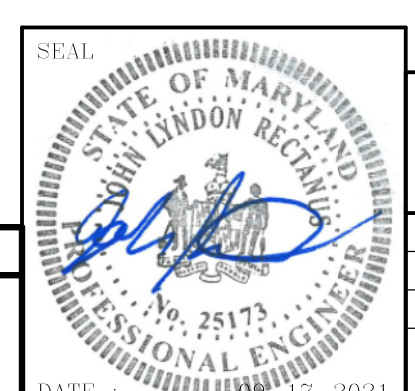


LOCATION MAP
SCALE 1"=1500'



LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
	5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
	5' SOLID DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING
	10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	24' SOLID WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING (STOP LINE)
	HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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.
JOHN L. RECTANUS MD NO-25173 EXP-06/21/2023



35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE, 4TH FLOOR
GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by : R.W.M. Drawn by : S.X. Checked by : J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SN-12
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 176+00 TO STA. 183+50

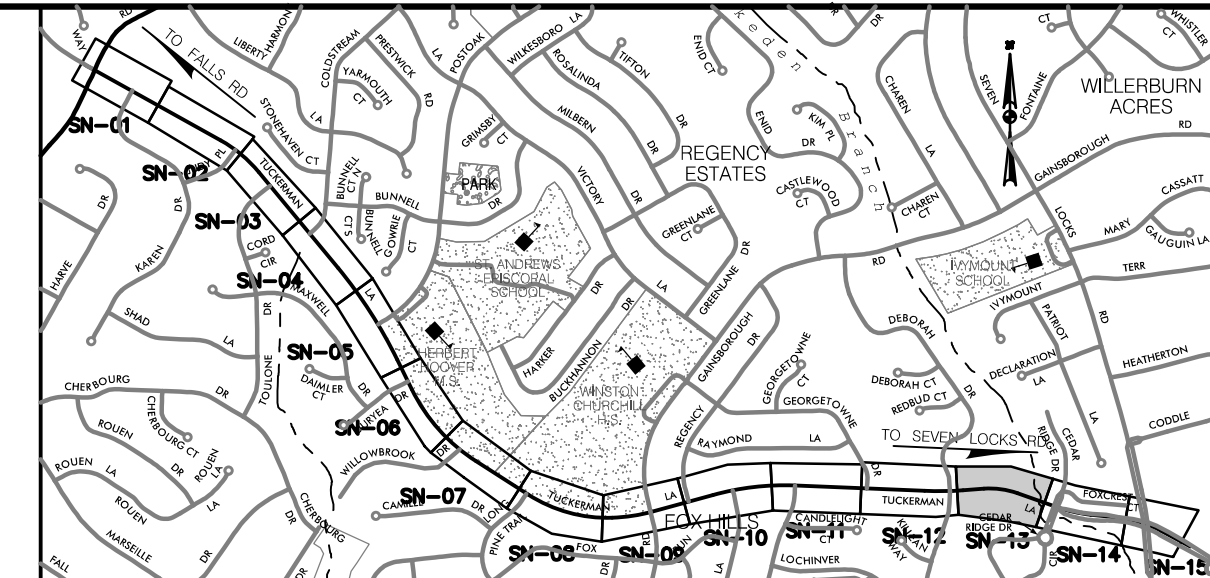
SCALE: 1"=30' 10/2021

Project No. : C.I.P. PR. # 509337 SHEET 101 of 175

BY: sabbasgholipour

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PLOTTED: 3/8/2023
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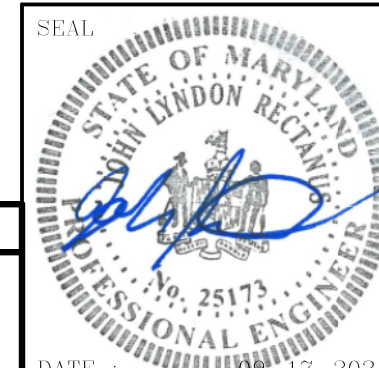


MATCH LINE STA. 183+50 - SEE DWG. NO. SN-12

MATCH LINE STA. 190+50 - SEE DWG. NO. SN-14

LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
	(A) 5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	(B) 5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
	(C) 5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
	(D) 5' SOLID DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING
	(E) 10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	(F) 12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	(G) 24' SOLID WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING (STOP LINE)
	(H) HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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 JOHN L. RECTANUS MD. NO-25173 EXP-06/21/2023



35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
 NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
 DEPARTMENT OF TRANSPORTATION
 100 EDISON PARK DRIVE, 4TH FLOOR
 GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
 APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by : R.W.M. Drawn by : S.X. Checked by : J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

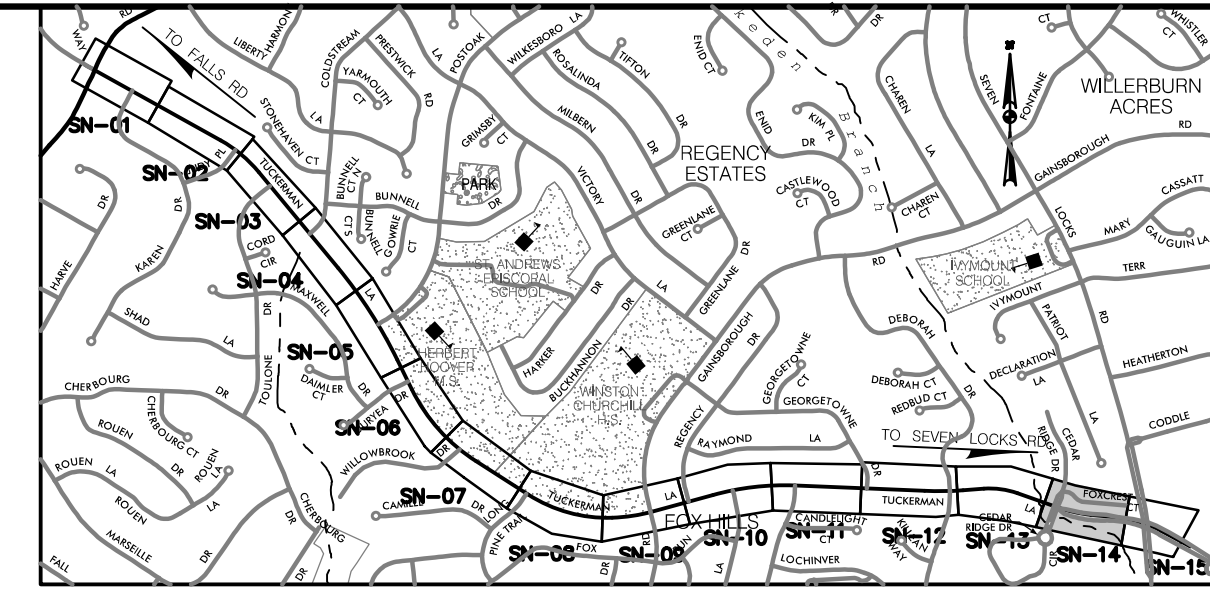
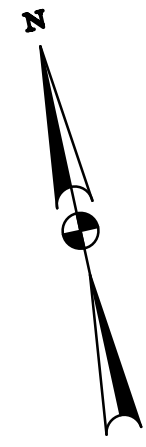
PLAN SHEET SN-13
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 183+50 TO STA. 190+50
 SCALE : 1"= 30' 10/2021

Project No. : C.I.P. PR. # 509337 SHEET 102 of 175

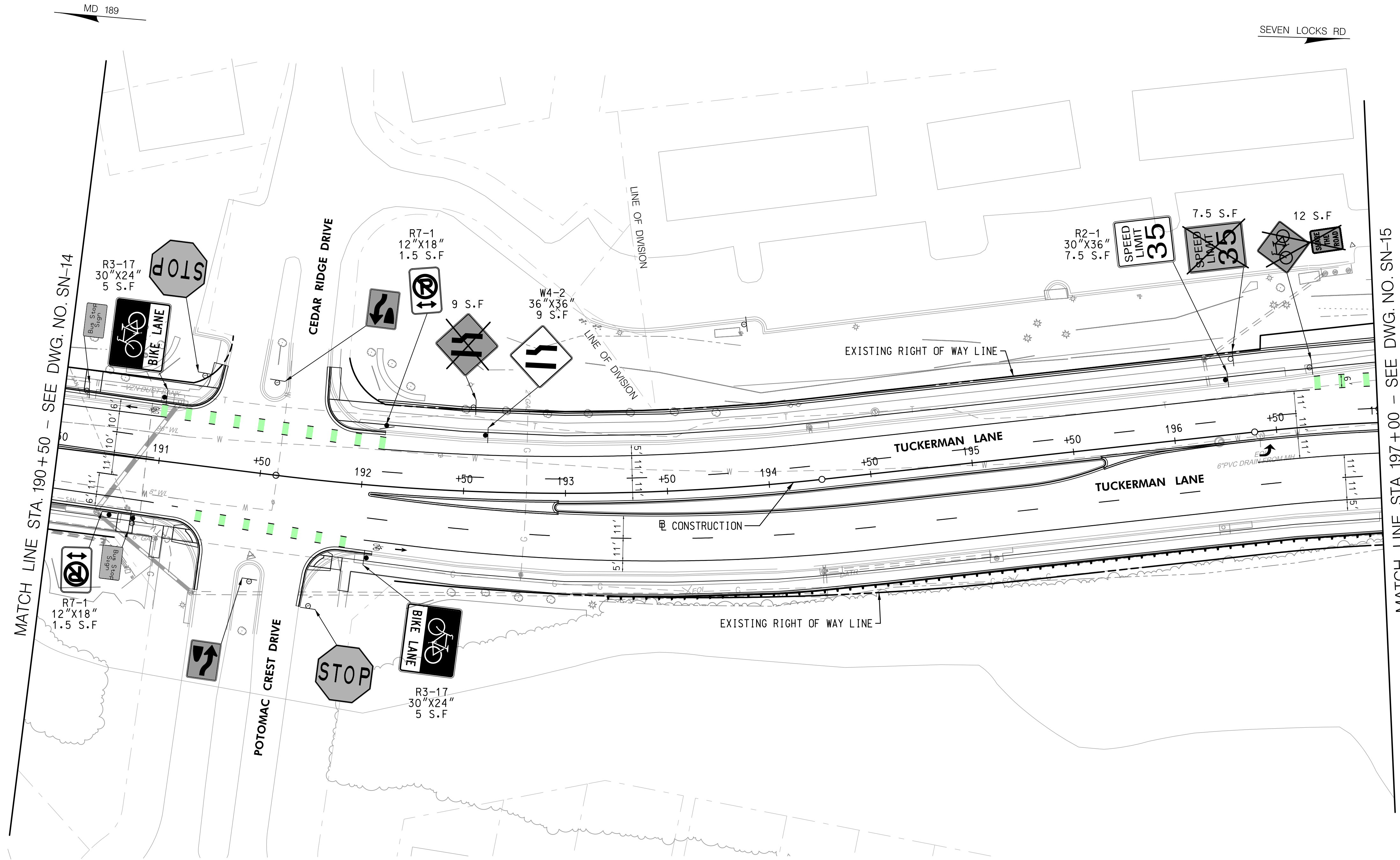
BY: sabbasgholipour



PLOTTED: 3/8/2023
 FILE: M:\PROJ\22015.00011\Traffic_Cadd_lpSN-2013_Tuckerman.dgn



LOCATION MAP
SCALE 1"=1500'

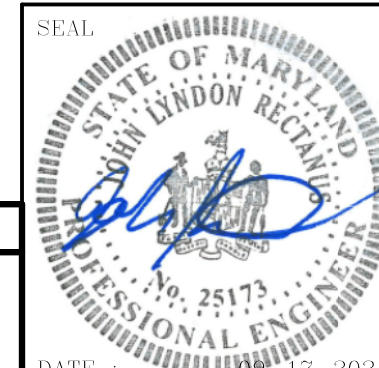


MATCH LINE STA. 190+50 - SEE DWG. NO. SN-14

MATCH LINE STA. 197+00 - SEE DWG. NO. SN-15

LEGEND	
	PROPOSED SIGN & SUPPORT
	EXISTING SIGN & SUPPORT TO REMAIN
	EXISTING SIGN & SUPPORT TO BE REMOVED
	(A) 5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	(B) 5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)
	(C) 5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (10' LINE, 30' SPACE)
	(D) 5' SOLID DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING
	(E) 10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	(F) 12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
	(G) 24' SOLID WHITE HEAT APPLIED PERMANENT PREFORMED PAVEMENT MARKING (STOP LINE)
	(H) HEAT APPLIED PREFORMED THERMOPLASTIC PAVEMENT MARKING ARROWS AND SYMBOLS

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35% SUBMITTAL

DATUM: NAD 83/91 HORIZONTAL
NAVD 88 VERTICAL

NO.	REVISION	DATE	BY

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GAITHERSBURG, MD 20878

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Engineering Services _____ Date _____

Designed by: R.W.M. Drawn by: S.X. Checked by: J.L.R.

TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SN-14
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 190+50 TO STA. 197+00

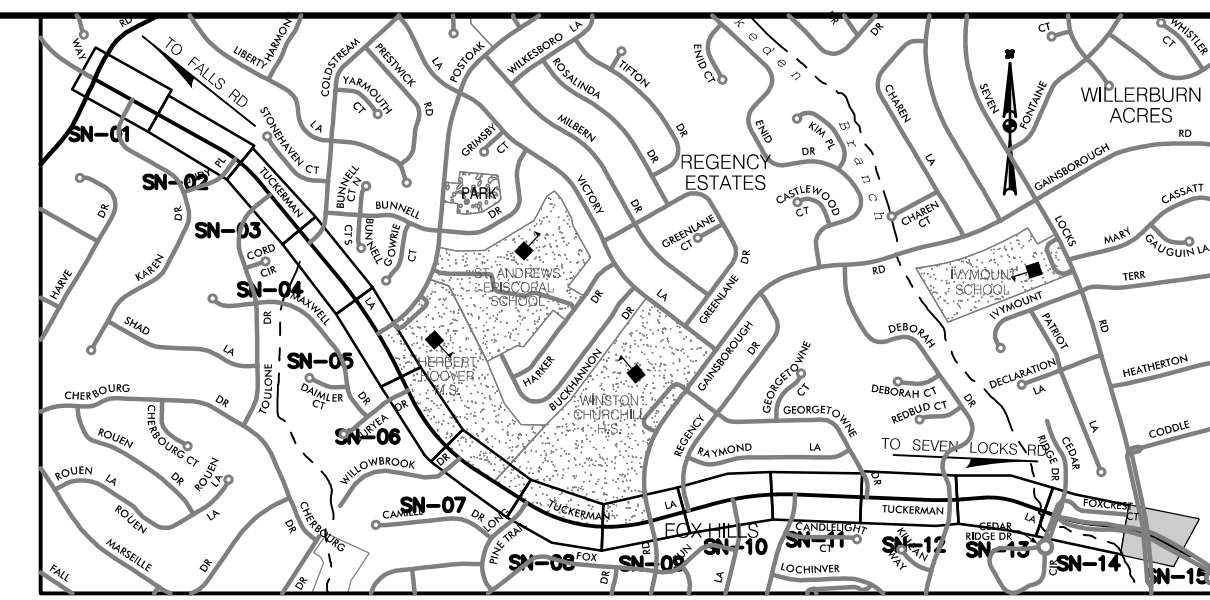
SCALE: 1"=30' 10/2021

Project No.: C.I.P. PR. # 509337 SHEET 103 of 175

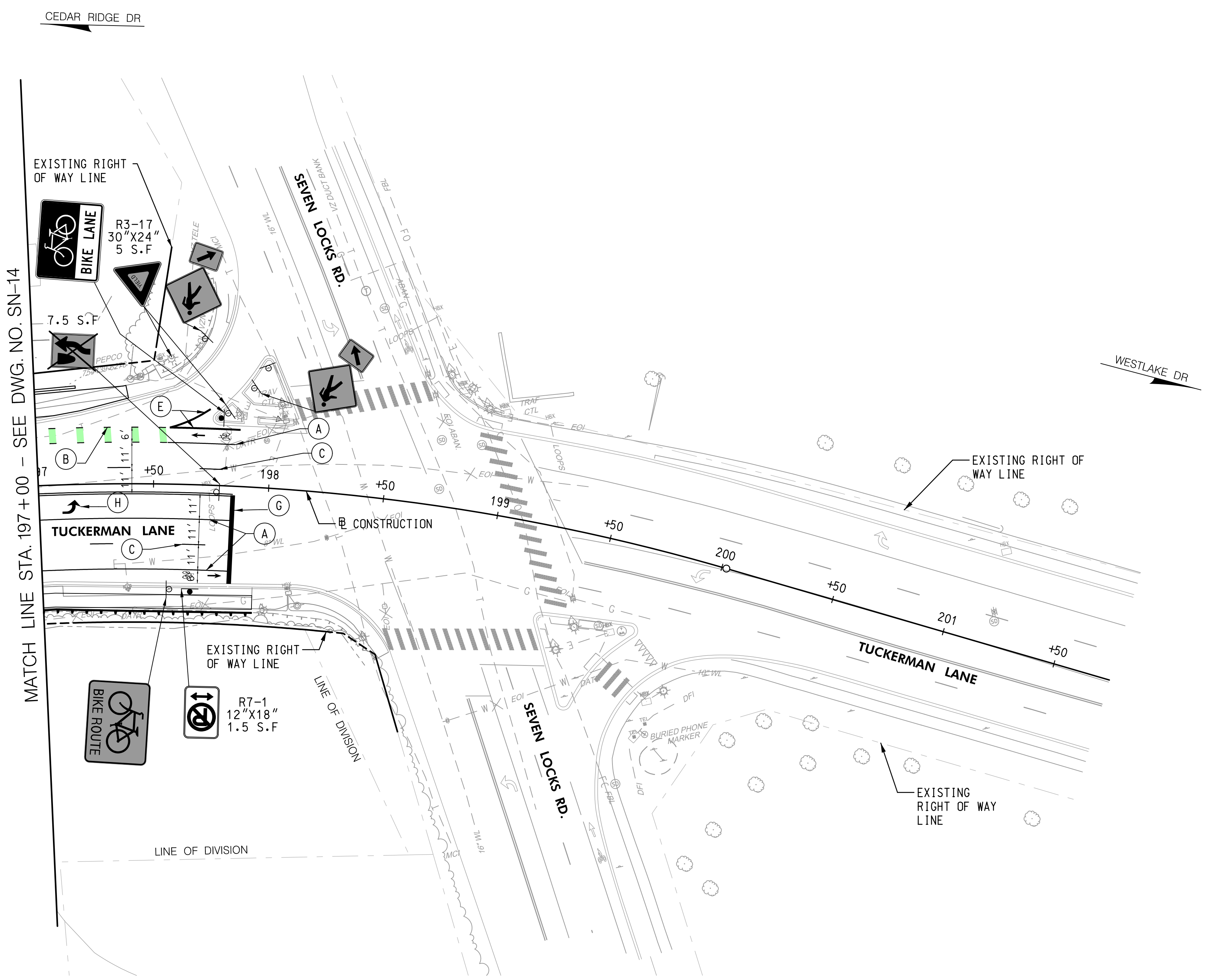
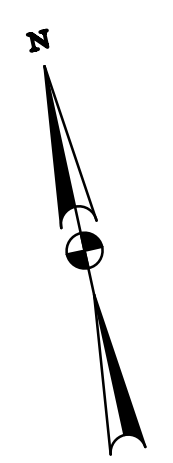
BY: sabbasgholipour

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PLOTTED: 3/8/2023
FILE: M:\PROJ\22015.00011\Traffic_Cadd_lpSN-2014_Tuckerman.dgn

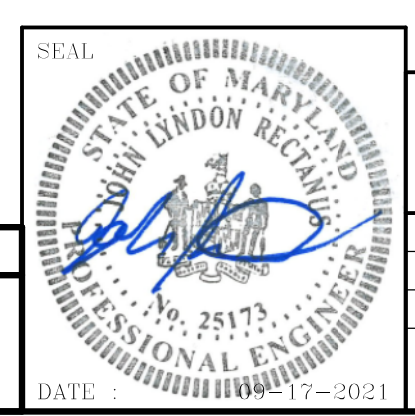


LOCATION MAP
SCALE 1"=1500'



LEGEND			
	PROPOSED SIGN & SUPPORT		
	EXISTING SIGN & SUPPORT TO REMAIN		
	EXISTING SIGN & SUPPORT TO BE REMOVED		
(A)	5' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING	(E)	10' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
(B)	5' DASHED WHITE THERMOPLASTIC PAVEMENT MARKING (3' LINE, 9' SPACE)	(F)	12' SOLID WHITE THERMOPLASTIC PAVEMENT MARKING
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TAX MAPS: HQ31, HQ32, QG121 WSSC GRIDS: 215NW09, 214NW09, 214NW08

PLAN SHEET SN-15
SIGNING AND MARKING PLANS
TUCKERMAN LANE
SIDEWALK/BIKEWAY
PROJECT - SEGMENT 1
STA. 197+00 TO STA. 201+50

SCALE : 1"= 30' 10/2021

Project No. : C.I.P. PR. # 509337 SHEET 104 of 175

BY: sabbasgholipour

