DESCRIPTION SHEET NO. TITLE SHEET TYPICAL SECTIONS & DETAILS 2-3 STANDARD DETAILS GEOMETRIC LAYOUT & CONSTRUCTION STAKEOUT STORM DRAIN AND PAVING PLANS 6-15 16 MAINTENANCE OF TRAFFIC PLANS SIGNING AND STRIPING PLANS SIGNAL MODIFICATION PLANS 29-30 I IGHTING NOTES, DETAILS AND PLANS 31-32 EROSION & SEDIMENT CONTROL NOTES, DETAILS AND PLANS 33-37

INDEX OF SHEETS

CITY OF ROCKVILLE, MD DEPARTMENT OF PUBLIC WORKS NORTH WASHINGTON STREET AND EAST MIDDLE LANE ROAD DIET PROJECT

STANDARD SPECIFICATIONS BOOK BOOK OF STANDARDS AND MUTCD

ALL WORK ON THIS PROJECT SHALL CONFORM TO THE MARYLAND DEPARTMENT OF TRANSPORTATION. STATE HIGHWAY ADMINISTRATION'S COMMISSION OF TRANSPORTATION, STATE HIGHWAY ADMINISTRATION'S COMMISSION OF TRANSPORTATION OF THE MARYLAND FOR THE MARYLAND MANUAL THE INVITATION FOR BIOS BOOK, AND THE LATEST MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

MAINTENANCE OF TRAFFIC NOTES

FOLLOW SHA WORK ZONE TEMPORARY TRAFFIC CONTROL STANDARDS AND SPECIAL PROVISIONS FOR MOT. MAINTAIN PEDESTRIAN ACCESSIBLITY AT ALL TIMES.

RIGHT OF WAY

RIGHT OF WAY LINES SHOWN ON THESE PLANS ARE FOR ASSISTANCE IN INTERPRETING THE PLANS AND ARE NOT OFFICIAL FOR FEE RIGHT OF WAY INFORMATION. SEE APPROPRIATE RIGHT OF WAY PLATS.

UTILITIES

THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE FOR INFORMATION AND GUIDANCE ONLY. NO GUARANTEE IS MADE OF THE ACCURACY OF SAID LOCATIONS. THE CONTRACTOR IS RESPONSIBLE TO LOCATE, DELINEATE, AND AVOID ALL EXISTING UTILITIES.

TOPOGRAPHIC SURVEY

THIS PROJECT IS ORIENTATED TO THE MARYLAND STATE PLANE CORDOLANTE SYSTEM MAD 83/91, AND MAYD 88. BASK TOPOGRAPHIC INFORMATION WITHIN THE PROJECT LIMIT WAS ESTABLISHED FROM TELD SURVEY COMDUCTED IN SEPTEMBER 2021. GIS MARPING SHOWN OUTSIGE HE PROJECT LIMIT OF THE PROJECT LIMIT OF TH

CITY OF ROCKVILLE GENERAL NOTES:

- 1. THE APPLICANT IS THE ENTITY FOR WHICH THE CITY OF ROWILLE DEPENDENT OF PUBLIC MORS (DVM IMS) ISSUED MORPHIAN ISSUED APPLICABLE. THE ENTITY FOR WHICH THE CITY COMPACT IS ISSUED SMALL BE CONSIGERED THE APPLICANT IN THESE MOTES. THE APPLICANT IS RESPONSIBLE FOR ALL CONTRACTORS, ACRES, SUBCONTRACTORS, ADDITED THE APPLICANT IN THE STATE OF THE CONTRACTORS, ACRES SUBCONTRACTORS, ADDITED THE APPLICATION OF THE CONTRACT OF THE APPLICATION OF
- THE APPLICANT MUST ARRAINGE A PRE-CONSTRUCTION MEETING PRIOR TO COMMENCING ANY WORK. PROVIDE AT LEAST 48 HOUSE OF WOTICET OF THE FOLLOWING: CITY PROBLECT INSPECTOR LISTED IN THE PERMIT. CITY FORESTRY INSPECTOR AT 240-314-8713. FREQUIRED BY EITHER A DPF MANOR FORESTRY FEMIL OR DW SEDIMENT CONTROL INSPECTOR AT 240-314-8879. IF REQUIRED BY PERMIT.
- THE APPLICANT MUST CONTACT MISS UTILITY AT 1-800-257-7777
 OR #811 OR MISSUTILITY.NET SO THAT UTILITIES ARE MARKED
 PRIOR TO HOLDING ANY PRE-CONSTRUCTION MEETING.
- INFORMATION CONCERNING EXISTING UNDERGROUND UTILITIES THE UNBALL TO CONCEINING EAST ING UNDERGROUND UTTER.

 MAS DEFINED FROM AVAILABLE RECORDS. THE CONTRACTOR MIST
 DETERMINE THE EXACT LOCATION AND ELEVATION OF ESTIMATION
 UTILITIES BY DIGINO TEST FITS AT THE UTILITY CHOSSING
 WILL IN ADVANCE OF TRENCHING. IF CLEARANCE IS LESS THAN
 SHOWN ON THIS PLAN. CONTACT THE PROFESSIONAL ENGINEER
 WHO STAMED THE DESIGN PLANS BEFORE PROCEEDING WITH
 CONSTRUCTION.
- 5. MAINTAIN A MINIMAM ONE-FOOT VERTICAL CLEARANCE BETWEEN ALL CITY UTILITIES CROSSING ANY OTHER UTILITY. UNLESS OTHERWISE NOTED. MAINTAIN A FIVE-FOOT MORIZONTAL. CLEARANCE WITH BETWEEN A CITY UTILITY WITH ANY OTHER UTILITY OF STRUCTURE. THE ONLY EXCEPTION IS THAT THERE SHALL BE A TEN-FOOT HORIZONTAL CLEARANCE BETWEEN CITY WATER AND SEREM AMINS.
- AT THE BUD OF CALID DAY, ALL TRENCHES SHALL BE LETT IN BACUFLED, ALL COUPLEMY SECURED AND THE ARCH EAST IN BACUFLED, ALL COUPLEMY SECURED AND THE ARCH EAST. IN BACUFLED, ALL COUPLET AND SECH DAYS, PLANT SAY BUT DE STOTICED (RECESSED) AND PINED TO THE ROADWAY, PLATES MATS BE ALL FUR STORES OF THE PAYMENT SORROUNDING THE RING ON ALL FUR STORES OF THE PAYMENT SORROUNDING THE RING ON EXCANATION, THE STEEL PLATE REQUIREMENTS ONLY APPLY TO PROBLE CISTREETS.
- THE PUBLIC ROAD UTILITY PATCH SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL #60. CONTAINED HEREIN, OR AS SHOWN ON THE PLANS, ALL TRENCES IN PUBLIC STREETS SHALL BE FILLED WITH COMPACTED GRADED AGGREGATE BASE (GAB) FROM BELOW THE PAYMENT TO THE TOP OF THE PIPE EMBEDMENT ZONE OR TO A DEFIN OF FIVE-FEET, WHICHEVER IS LESS.
- ZONG ON TO A DUPH OF FIVE-TELL MINIOSEVER IS LESS.

 POR NORMAL DEFINITION HOURS ARE MONON THROUGH FRIDAY,
 EXCEPT HOLDINGS, FROW 8120 A.M. TO 5 P.M. THE CITY OBSERVES
 THE FOLLOWING HOLDINGS NEW YEARS OAK, MARTIN LUTHER
 KINE'S BIRTHOMY, MESTIDAY OF HOLDINGS OAK, MARTIN LUTHER
 KINE'S BIRTHOMY, MESTIDAY OF DEPISHEND OAK, MAN DESCRIPTION
 OF ANY THANASCHIVE FEIDAY MOD CHRISTMAN DAY, MAN DAY
 OF GERERAL AND COMPRESSIONAL ELECTIONS THROUGHOUT THE
 STATE. THE COMPARATION WILL NOT BE PERMITTED TO CLOSE
 CITY FORCES, OUTSIDE OF THE MINIMAL MOTIVATE LOUISE, MALESS
 OR AUTHORIZED OF POPE IN MINITUDE. THE COMPARATION WITH
 MINITTER FROMISSION OF DOW MAY BE PERMITTED TO WORK
 MINISTER OF THE MINIMAL MINIMAL PROPERTY OF THE MINIMAL MINIMAL PROPERTY OF THE MINIMAL MINIMAL PROPERTY OF THE MINIMAL MINIMAL BOURS, MAN THE
 MINISTER FROMISSION OF DOW MAY BE PERMITTED TO WORK
 MINIMAL DEMONMAN WORK HOUSE FOR LEAST-UP ACTIVITIES
 THAT FIG. RESIDENTS OR CITY SERVICE.

- 9. TRAFFIC MAST BE MAINTAINED ON ALL ROUDWAYS WITHIN THE CONSTRUCTION AREA AS DIRECTED BY DEV. NO LANE CLOSURE SMALL BE FERMITHED BETTERS YELD-FOOL AND, OR 310-50-00 PAL MORNAY FROM THE PROPERTY OF THE PROP
- 10. SHEETING AND SHORING IS THE TOTAL RESPONSIBILITY OF THE APPLICANT. A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MARYLAND SHALL SEAL THESE DRAWINGS. PROVIDE THREE COPIES TO OPW FOR INFORMATIONAL PURPOSES ONLY.
- 11. IN ADDITION TO ALL CITY PERMITS, THE APPLICANT IS RESPONSIBLE TO EMSURE THAT ALL NECESSARY FEDERAL, STATE AND/OR MONITOMERY COUNTY APPROVALS AND/OR PERMITS HAVE BEEN OBTAINED IN ASSOCIATION WITH THIS APPROVED PLAN.
- SHOP DRAWINGS MUST BE PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MARYLAND PRICH TO FAREACTION. THE PROFESSIONAL ENGINEER WHO SEALED THE DESIGN PLANS IBUT NOT THE SIND DRAWINGS MUST APPROVE THE SEAPORAWINGS FOR CONCOMMENCE IN PAPER OF THE PROFESSIONAL ENGINEER OF THE PROFESSIONAL SEARCH STATE OF THE PAPER AND STRUCTURES IN PAPED AREAS SHALL BE DESIGNED FOR THE 2D WITCHES LIQUID.
- SHALL BE DESIGNED FOR HS-20 VEHICLES LOADING.

 3. UPPON COMPLETION OF CONSTRUCTION, THE APPLICANT SHALL PROVIDE THREE SETS OF RED LINES AS-BUILT PRINTS (24"%56") FOR REVIEW AND APPROVADE BY THE CITY. THE DEMANDAGE OF THE CONTROL OF
- 14. THE APPLICANT MUST COMPLY WITH THE MONTGOMERY COUNTY NOISE CONTROL ORDINANCE. PLEASE REFER TO THE MONTGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL POTECTION AT 240-777-7770. ASSICEMENTICOMETYCOUNTYMO.GOV. OR WWW.MOTGOME

NOTES:

- JOB SAFETY AND TRAFFIC CONTROL SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONFORM TO ALL LAWS AND REGULATIONS IN REGARD TO WORK UNDER OR ADJACENT TO OVERHEAD POWER LINES.
- IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY MAY WORK WHICH WOULD NATURALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO COMPLETE SUCH MORK.
- 4. THE CONTRACTOR SHALL NOTE THAT IN CASE OF A DISCREPANCY BETWEEN SCALED AND COMPUTED DIMENSIONS SHOWN ON THESE PLANS. THE COMPUTED DIMENSIONS SHALL GOVERN.

301-868-6803

WANTED OR DE O C S TERRACE SPEC.	2 355 X 25000 AR 3 19300	N
WATENDOD NO C SECURITY SECURIT	1	7
818	A UNCOUN A B B	NORTHE
MANAGERS WELSH		1/1/2/
PARK PARK	THE NORMER 199'S X	. 4: A 💥 🦠
7 F 900	THOMASO THOMASO	- 1 A B C - 1
PROJECT LOCATION	CROYDON PARK	- 14 P
REALES 47	MAYYAM & SLOSE STORY STORY OF THE STORY OF T	
2 1 S CARADE 11 3	1 1 SQ MAN 1 2 Z " A	11700
13 Mary	AL THE STATE OF TH	in North
SEP 3 ANDERSON		Pome 181
28 Auer 5 28		1 87 Lu
B AND B HAMPSON ST	The second like the second sec	1005.18
	MARCOLI MOREOLE BOCKVIIIE BOE MARCOLINE BOCKVIIIE	8 (E)
		1000 7 21
	MONROE A TORUNG STATES	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	O S COLSTON
	3 2 11 E V	ALLEY MADE NICE
	1 5 * MONTGOMERY	35
2007 COOL 20 TOLL 20 T		
b % .45 3// % ∨	HATTE AND	5 AV .
WEST OF THE STATE		CRIWOND DE #2
	THE STATE OF THE S	100
	•)	1 PAG
JULIUS WEST ALS.		Journal Dally
NELWEN T.	\ \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Acres 1
TO THE PARTY OF TH	MAT COOPINS COOPINS OF THE PROPERTY OF THE PRO	A Comment
CSOND N CT PRICE W		19
MOATE MAKEUS ASSOME WALLY BD	S SOS NO SOMESTONE CT	// // //
3 BUNNANK EER	14	· 11 1/2/
AHLES CY MARIEN CT	• #	*

VICINITY MAP

THE CITY OF ROCKVILLE IS LOCATED WITHIN THE ROCK CREEK WATERSHED.

CONVENTIONAL SIGNS

PROPOSED MEDIAN BARRIER LECTRICAL HAND BOX — SIGNALS STATE, COUNTY OR CITY LIMES PROPOSED TRAFFIC BARRIER LISTING TRAFFIC BARRIER PROPOSED FENCE LINE STATE, COUNTY OR CITY LIMES	H.B.	PROPOSED PIPE / CULVERT EXISTING PIPE / CULVERT EXISTING PIPE / CULVERT UTILITY POLE WETLAND BUFFER WATERS OF THE U.S.	
ROPOSED FENCE LINE			∠wus <u> </u>

TYPE OF CONCEPT: COMBINED STORMWATER CONCEPT PLAN DEVELOPMENT REVIEW PROCESS/CASE NO.: PAM PLAN FOR STP PROPERTY ADDRESS: NORTH WASHINGTON STREET AND EAST MIDDLE LANE PROPERTY LEGAL DESCRIPTION: SUBDIVISION: N/A LOTS: N/A BLOCKS: N/A PARCEL: N/A PROPERTY SIZE (AC/SO.FT.): N/A (PUBLIC ROW) TOTAL CONCEPT AREA (AC/SO.FT.): 318.T70 SO. FT. = 7.32 AC ZONING: PD. MXCD. MXNC. MXTD WANTERSHED: ROCK CREEK 100YR FLOODPLAIN: ZONE X EX.** IMPERVIOUS/REDEVELOPMENT OR NEW DEVELOPMENT: 100% IMPERVIOUS/REDEVELOPMENT STORMWATER SUMMARY TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC REQUIRED PE / PROPOSED PE: 1.0°/Co.0" TARGET ESDV / PROVIDED ESDV: 1.328 CF/ 0 CF ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE GOINT-OF-WAY QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-WAY (DPOTOTANNEL PROTECTION VOLUME) & WOLWMATER QUAINITLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY QPOTOTANNEL PROTECTION VOLUME) & WOLWMATER QUAINITLY VOLUME) MEASURES:NONE		
SMCW: TYPE OF CONCEPT: COMBINED STORMMATER CONCEPT PLAN DEVELOPMENT REVIEW PROCESS/CASE NO.: PAM PLAN FOR STP PROPERTY ADDRESS: NORTH WASHINGTON STREET AND EAST MIDDLE LANE PROPERTY LEGAL DESCRIPTION: SUBDIVISION: N/A LOTS: N/A BLOCKS: N/A PARCEL: N/A PROPERTY SIZE (AC/SO.FT.): N/A (PUBLIC ROW) TOTAL CONCEPT AREA (AC/SO.FT): 318.770 SO. FT. = 7.32 AC ZONING: PD. MXCD. MXNC. MXTD WATERSHED: ROCK CREEK 100YR FLODOPLAIN: ZONE X EX.'X IMPERVIOUS/REDEVELOPMENT OR NEW DEVELOPMENT: 100% IMPERVIOUS/REDEVELOPMENT STORMWATER SUBMARY TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC REQUIRED PE / PROPOSED PE: 1.0"/O.0" TARGET ESDV / PROVIDED ESDV: 1.328 CF/ O CF ESD MEASURES: NONE BOTAL STORMEN STORMES STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE BOTAL OF PROVIDED STORE STRUCTURAL MEASURES: NONE CONTIGUOUS RIGHT-OF-WAY (DPOVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY (DPOVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY (DPOVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY (DPOVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY (DPOVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY (DPOVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY (DPOVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY (DPOVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY (DPOVIOUS AREA SUBJECT TO SWM: 0.25 AC		
TYPE OF CONCEPT: COMBINED STORMWATER CONCEPT PLAN DEVELOPMENT REVIEW PROCESS/CASE NO.: PAM PLAN FOR STP PROPERTY ADDRESS: NORTH WASHINGTON STREET AND EAST MIDDLE LANE PROPERTY LEGAL DESCRIPTION: SUBDIVISION: N/A LOTS: N/A BLOCKS: N/A PARCEL: N/A PROPERTY SIZE (AC/SO.FT.): N/A (PUBLIC ROW) TOTAL CONCEPT AREA (AC/SO.FT.): 318.T70 SO. FT. = 7.32 AC ZONING: PD. MXCD. MXNC. MXTD WANTERSHED: ROCK CREEK 100YR FLOODPLAIN: ZONE X EX.** IMPERVIOUS/REDEVELOPMENT OR NEW DEVELOPMENT: 100% IMPERVIOUS/REDEVELOPMENT STORMWATER SUMMARY TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC REQUIRED PE / PROPOSED PE: 1.0°/Co.0" TARGET ESDV / PROVIDED ESDV: 1.328 CF/ 0 CF ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE GOINT-OF-WAY QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-WAY (DPOTOTANNEL PROTECTION VOLUME) & WOLWMATER QUAINITLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY QPOTOTANNEL PROTECTION VOLUME) & WOLWMATER QUAINITLY VOLUME) MEASURES:NONE		
DEVELOPMENT REVIEW PROCESS/CASE NO.: PAM PLAN FOR STP PROPERTY ADDRESS: NORTH WASHINGTON STREET AND EAST MIDDLE LANE PROPERTY LEGAL DESCRIPTION: SUBDIVISION: N/A LOTS: N/A PARCEL: N/A PARCEL: N/A PARCEL: N/A PROPERTY SIZE (AC/SO.FT.): N/A (PUBLIC ROW) TOTAL CONCEPT AREA (AC/SO.FT.): 318.770 SO. FT. = 7.32 AC ZONING: PD. MXCD, MXNC, MXTD WATERSHED: ROCK CREEK 100YF FLOODPLAIN: ZONE X EX.** IMPERVIOUS/REDEVELOPMENT OR NEW DEVELOPMENT: 100% IMPERVIOUS/REDEVELOPMENT STORMMATER SUMMARY TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC REQUIRED PC / PROPOSED PE: 1.0°/O.0° TARGET ESDV / PROVIDED ESDV: 1.328 CF/ O CF ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE QD10(10-YEAR QUANTITY CONTROL MEASURES: NONE QD10(10-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-MAY IMPERVIOLS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-MAY OPTO(10-YEAR QUANTITY CONTROL) MEASURES: NONE CONTIGUOUS RIGHT-OF-MAY OPTO(10-YEAR QUANTITY CONTROL) MEASURES: NONE	SMC#:	
PROPERTY ADDRESS: NORTH WASHINGTON STREET AND EAST MIDDLE LANE PROPERTY LEGAL DESCRIPTION: SUBDIVISION: N/A LDTS: N/A BLOCKS: N/A PARCEL: N/A PROPERTY SIZE (AC/SO.FT.): N/A (PUBLIC ROW) TOTAL CONCEPT AREA (AC/SO.FT.): N/A (PUBLIC ROW) DITAL CONCEPT AREA (AC/SO.FT.): N/A (PUBLIC ROW) WATERSHED: ROCK CREEK TOTAL CONCEPT AREA (AC/SO.FT.): N/A (PUBLIC ROW) WATERSHED: ROCK CREEK TOTAL CONCEPT AREA (AC/SO.FT.): N/A (PUBLIC ROW) WATERSHED: ROCK CREEK TOTAL CONCEPT AREA (AC/SO.FT.): N/A (PUBLIC ROW) WATERSHED: ROCK CREEK TOTAL CONSITE IMPERVIOUS/REDEVELOPMENT OR NEW DEVELOPMENT: 100½ IMPERVIOUS/REDEVELOPMENT STORMMATER SUMMARY TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC REQUIRED PE / PROPOSED PE: 1.328 CF/ 0 CF SED MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE QDIO110-YEAR QUANTITY CONTROL MEASURES: NONE QDIO110-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-MAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY GUANTICY CHANNEL PROFETION VOLUME) & WOV WATER QUAINITY VOLUME) MEASURES: NONE CONTIGUOUS RIGHT-OF-WAY QDIO110-YEAR QUANTITY CONTROL) MEASURES: NONE	TYPE OF CONCEPT: COMBINED STORMWATER CONCEPT PLAN	
PROPERTY LEGAL DESCRIPTION: SUBDIVISION: N/A LOTS: N/A BLOCKS: N/A PARCEL: N/A	DEVELOPMENT REVIEW PROCESS/CASE NO.: PAM PLAN FOR STP	
LOTS: N/A BLOCKS: N/A PARCEL:	PROPERTY ADDRESS: NORTH WASHINGTON STREET AND EAST MIDDLE LANE	
TOTAL CONCEPT AREA (AC/SG.FT): 318.770 SO. FT. = 7.32 AC ZONING: PD. MXCD. MXND. MXTD WATERSHED: ROCK CREEK 10078 FLODOPLAIN: ZONE X EX.*X IMPERVIOUS/REDEVELOPMENT OR NEW DEVELOPMENT: 100% IMPERVIOUS/REDEVELOPMENT STORWMATER SUMMARY TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC REQUIRED PE / PROPOSED PE: 1.0*70.0* TARGET ESDV / PROVIDED ESDV: 1.328 CF/ 0 CF ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE CONTIGUOUS RIGHT-OF-WAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY QPYCHANNEL PROTECTION VOLUME) & WOY WATER QUAINITLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY QPYCHANNEL PROTECTION VOLUME) & WOY WATER QUAINITLY VOLUME) MEASURES:NONE	BLOCKS: N/A	
ZONING: PD. MXCD, MXNC, MXTD WATERSHED: ROCK CREEK 100YR FLOODYLAIN: ZONE X EX.** IMPERVIOUS/REDEVELOPMENT OR NEW DEVELOPMENT: 100% IMPERVIOUS/REDEVELOPMENT STORMMATER SUMMARY TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC REQUIRED PE / PROPOSED PE: 1.0*/0.0* TARGET ESDV / PROVIDED ESDV: 1.328 CF/ 0 CF ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE QD10(10-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-MAY IMPERVIOLA SREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-MAY DEPOTECTION VOLUME) & MOVIMATER QUAINITLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY QD10(10-YEAR QUANTITY CONTROL) MEASURES:NONE	PROPERTY SIZE (AC/SQ.FT.): N/A (PUBLIC ROW)	
WATERSHED: ROCK CREEK 100YR FLOODPLAIN: ZONE X EX.% IMPERVIOUS/REDEVELOPMENT OR NEW DEVELOPMENT: 100% IMPERVIOUS/REDEVELOPMENT STORMWATER SUMMARY TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC REQUIRED PE / PROPOSED PE: 1.0"/0.0" TARGET ESDV / PROVIDED ESDV: 1.328 CF/ 0 CF ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE ODIO110-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-WAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY QPV(CHANNEL PROTECTION VOLUME) & WOV(WATER QUAINTLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY QPJ(01010-YEAR QUANTITY CONTROL) MEASURES:NONE	TOTAL CONCEPT AREA (AC/SQ.FT): 318.770 SQ. FT. = 7.32 AC	
100YR FLDODPLAIN: ZONE X EX.** IMPERVIOUS/REDEVELOPMENT OR NEW DEVELOPMENT: 100** IMPERVIOUS/REDEVELOPMENT TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC REQUIRED PE / PROPOSED PE: 1.0"/0.0" TARGET ESDV / PROVIDED ESDV: 1.328 GF/ 0 GF ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE ODIO110-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-WAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY QDY(CHANNEL PROTECTION VOLUME) & WOY(WATER QUAINTLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY QDY(O1010-YEAR QUANTITY CONTROL)	ZONING: PD, MXCD, MXNC, MXTD	
EX.*. IMPERVIOUS/REDEVELOPMENT OR NEW DEVELOPMENT: 100% IMPERVIOUS/REDEVELOPMENT STORMMATER SUMMARY TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC REQUIRED PE / PROPOSED PE: 1.0°/0.0° TARGET ESDV / PROVIDED ESDV: 1.328 CF/ 0 CF ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE ODIO110-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-WAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY OPTO(10-YEAR QUANTITY CONTROL) CONTIGUOUS RIGHT-OF-WAY OPTO(10-YEAR QUANTITY CONTROL) MEASURES:NONE	WATERSHED: ROCK CREEK	
STORMWATER SUMMARY TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC REQUIRED PE / PROPOSED PE: 1.0°/0.0° TARRET ESDV / PROVIDED ESDV: 1.328 CF/ 0 CF ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE Op10110-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-MAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY DEVICANNEL PROFETION VOLUME) & MOVEWATER QUAINITY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY Op1010-YEAR QUANTITY CONTROL) MEASURES: NONE	100YR FLOODPLAIN: ZONE X	
TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC REQUIRED PE / PROPOSED PE: 1.0"/0.0" TARRET ESDV / PROVIDED ESDV: 1.328 CF/ 0 CF ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE Op10110-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-MAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-MAY (DPICHANNEL PROTECTION VOLUME) & WOV(WATER QUAINTLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY QP10110-YEAR QUANTITY CONTROL) MEASURES:NONE	EX.% IMPERVIOUS/REDEVELOPMENT OR NEW DEVELOPMENT: 100% IMPERVIOUS/REDEVELOPMENT	
REQUIRED PE / PROPOSED PE: 1.0"/0.0" TARGET ESDV / PROVIDED ESDV: 1.328 CF/ O CF ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE Op.10(10-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-WAY IMPREVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY Op.10(TANNEL PROTECTION VOLUME) & WOV WATER QUAINITY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY Op.10(10-YEAR QUANTITY CONTROL) MEASURES: NONE	STORMWATER SUMMARY	
TARGET ESDV / PROVIDED ESDV: 1.328 CF/ O CF ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE QD10110-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-MAY IMPERVIQUE AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY DEVICHANNEL PROFECTION VOLUME) & MOVEMATER QUAINITLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY QD1010-YEAR QUANTITY CONTROL) MEASURES: NONE	TOTAL ONSITE IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC	
ESD MEASURES: NONE STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE QD10(10-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RICHT-OF-WAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY CPV(CHANNEL PROTECTION VOLUME) & WOV(WATER QUAINTLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY QD10(10-YEAR QUANTITY CONTROL) MEASURES: NONE	REQUIRED PE / PROPOSED PE: 1.0"/0.0"	
STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE STRUCTURAL MEASURES: NONE Op10110-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-WAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY CPV(CHANNEL PROTECTION VOLUME) & WOV(WATER QUAINTLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY Op10110-YEAR QUANTITY CONTROL) MEASURES: NONE	TARGET ESDV / PROVIDED ESDV: 1,328 CF/ 0 CF	
STRUCTURAL MEASURES: NONE OpIO(10-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-WAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY CPV(CHANNEL PROTECTION VOLUME) & WOV(WATER QUAINTLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY OpIO(10-YEAR QUANTITY CONTROL) MEASURES: NONE	ESD MEASURES: NONE	
Op10:10-YEAR QUANTITY CONTROL MEASURES: NONE CONTIGUOUS RIGHT-OF-WAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY CPV(CHANNEL PROTECTION VOLUME) & WGV(WATER QUAINTLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY Qp10:10-YEAR QUANTITY CONTROL) MEASURES: NONE	STRUCTURAL STORAGE REQUIRED / PROVIDED: NONE	
CONTIGUOUS RIGHT-OF-WAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC CONTIGUOUS RIGHT-OF-WAY CPV1CHANNEL PROTECTION VOLUME) & WQV(WATER QUAINTLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY Qp10(10-YEAR QUANTITY CONTROL) MEASURES: NONE	STRUCTURAL MEASURES: NONE	
CONTIGUOUS RIGHT-OF-WAY CPV(CHANNEL PROTECTION VOLUME) & WOV(WATER QUAINTLY VOLUME) MEASURES:NONE CONTIGUOUS RIGHT-OF-WAY Qp10(10-YEAR QUANTITY CONTROL) MEASURES: NONE	Qp10(10-YEAR QUANTITY CONTROL MEASURES: NONE	
CONTIGUOUS RIGHT-OF-WAY Op10(10-YEAR QUANTITY CONTROL) MEASURES: NONE	CONTIGUOUS RIGHT-OF-WAY IMPERVIOUS AREA SUBJECT TO SWM: 0.25 AC	
	CONTIGUOUS RIGHT-OF-WAY Cpv(CHANNEL PROTECTION VOLUME) & WOV(WATER QUAINTLY VOLUME) MEASURES:NONE	
OTHER INFORMATION: SWM MEASURES = FEE IN LIEU	CONTIGUOUS RIGHT-OF-WAY Qp10(10-YEAR QUANTITY CONTROL) MEASURES: NONE	
	OTHER INFORMATION: SWM MEASURES = FEE IN LIEU	



ATAT TRANS
CITY OF ROCKVILLE / PINPOINT UNDERGROUND
CITY OF ROCKVILLE
FIBERLIGHT / SUNBELT TELECOM
LEVELS NOW CENTURY LINK MONTGOMERY COUNTY GOVERNMEN 301-210-0355 VERIZON 301-210-0355 WASHINGTON GAS NOTES:

UTILITY CONTACTS

CONTRACTOR TO COORDINATE HANDBOX ADJUSTMENTS WIT UTILITY OWNER, LEVELING HANDBOXES IS INCIDENTAL TO SIDEWALK WORK.

AS BUILT PLAN APPROVAL

PROFESSIONAL CERTIFICATION:
I hereby certify that these documents
were prepared or approved by me, and
that I am a duly licensed Professional
Engineer under the laws of the State
of Maryland, License No, 39917,
Expiration Date:
January 18, 2023

100% Final

Design

AY						
41. 90						
13:17						
W X						
136	DESC	RIPTION OF REVISION	P.E. INITIAL	DATE	DPW	DA:
EN 13-2022		APPROVAL OF REVISION	S AFTER INTIAL	PLAN APPR	OVAL	
FAST MID	DIFTANE	DATE SUBMITTED:	SCALE	Q.	4EET	EILE

2	N. S.
	4



DEPARTMENT OF PUBLIC WORKS CITY OF ROCKVILLE

DESIGNED DRAFTED CHECKED .

DESIGN PLAN APPROVAL Craig L. Simone 2022.04.19 17:31:25-04'00' DIRECTOR OF PUBLIC WORKS

PWK# __PWK2022-00045 REMEWED BY SMP# ___

CHIEF, CONSTRUCTION MANAGEMENT APPROVAL DATE

TITLE SHEET

NORTH WASHINGTON STREET AND EAST MIDDLE LANE ROAD DIET PROJECT Election District No. 2 City of Rockville, Maryland

FILE # NOT TO NO. __1 IFB SCALE OF _37

пот то

SCALE

IFB

City of Rockville, Maryland

NO. _2

OF __37

DETAIL LEGEND A 4" CONCRETE SIDEWALK N. WASHINGTON STREET AND E. MIDDLE LANE ROAD DIET PROJECT B 9" PLAIN CONCRETE 2" HMA SUPERPAVE, 9.5MM FOR SURFACE, PG 64-22, LEVEL 2 (PRICE INCIDENTAL TO CONCRETE CURB) (i) 2" MILL AND OVERLAY (PERFORMED BY OTHERS) SLOPE VARIES. D 6" HMA SUPERPAVE, 19.0MM FOR BASE, PG 64-22. LEVEL 2 OR MATCH EXISTING SECTIONS DEPTH. PLACED IN TWO LIFTS (PRICE INCIDENTAL TO CONCRETE CURB) EDGE OF ROADWAY MONTGOMERY COUNTY STANDARD TYPE 'A' CURB AND GUTTER (MC-100.01) MONTGOMERY COUNTY DEPRESSED CURB ENTRANCE (MC-102.01) WALKING PATH -FULL DEPTH SAWCUT VARIES TIE INTO EXISTING DRIVEWAY 4" GRADED AGGREGATE BASE (PRICE INCIDENTAL TO CONCRETE CURB) 2%_MAX_CROSS_SLOPE EXISTING ASPHALT EXISTING PAVEMENT (F) LIMITS OF EXCAVATION COMPACTED -(F) CONCRETE DRIVEWAY PAVEMENT CURB AND GUTTER PLACEMENT DETAIL PLAIN CONCRETE SIDEWALK SECTION NOT TO SCALE NOT TO SCALE NOT TO SCALE NOTE: CURB AND GUTTER PLACEMENT NOTES: SEE DETAIL E - DRIVEWAY APRON WITHOUT BUFFER CITY OF ROCKVILLE STANDARD NO. CM-2.1. ON SHEET 4 1. FULL DEPTH RECONSTRUCTION FOR SLOT BACKFILL SHALL BE INCIDENTAL TO CURB AND GUTTER REPLACEMENT EDGE OF TRAVEL LANE EDGE OF TRAVEL LANE N. WASHINGTON ST RECESS EXISTING BUILDING VARIES EX. SIDEWALK TRAVEL LANE TRAVEL LANE PARK ING/TAPER SIDEWALK CONCRETE POLYEURETHANE CONCRETE SELF LEVELING JOINT SEALER SIDEWALK SIKAFLEX OR APPROVED EQUAL 2% MAX. PRECAST CONCRETE CURB-PRECAST CONCRETE CURB--PREMOLDED EXPANSION MONTGOMERY COUNTY STANDARD TYPE 'A' CURB AND GUTTER (MC-100.01) JOINT OPENING E. MIDDLE LN TYPICAL SECTION SIDEWALK JOINT DETAIL N. WASHINGTON ST TYPICAL SECTION NOT TO SCALE NOT TO SCALE NOT TO SCALE NOTE: ALL CONCRETE EXPANSION JOINTS BETWEEN SIDEWALK PANELS AND WHERE SIDEWALK MEETS EXISTING SIDEWALK OR BUILDING MUST BE SEALED USING THIS METHOD. JOINT SEALING SHALL BE INCEDENTAL TO THE SIDEWALK PAY ITEM. TRENCH DRAIN FRAME AND GRATE ASSEMBLY EXPANSION JOINT -EXPANSION JOINT 3/4" GRATE PROPOSED CONCRETE DRIVEWAY 2"X8" DRAINAGE OPENING RAD. DRAINAGE SLOTS AT ENDS __ 1 /4" RECESSED 4 – #4 BARS LONGITUDINALLY 71" ROUND FILLET 16" , HMA MONTGOMERY COUNTY MODIFIED STD. 100.01 -SPILL CONCRETE CURB AND GUTTER PARKING METER (TYP) BASE NOT TO SCALE REPAIR 1'x1' CONCRETE PATCH AT EACH PARKING METER INSTALLATION. STABILIZE DISTURBANCE THE SAME DAY. LOD OFF-SET FROM PATCH FOR CLARITY. NOTES: 6" THE SLOPE (*) OF A SPILL CONCRETE CURB AND GUTTER PAN SHALL BE EQUAL TO THE CROSS SLOPE OF ROADWAY PAVING. E. MIDDLE LN TRENCH DRAIN WALLACE MONTGOMERY STA. 302+45 TO STA. 302+93, RT. NOT TO SCALE SECTION A-A END UNIT NOTES: TRENCH DRAIN GRATE SHALL BE CAST IRON, ANCHORED IN PLACE, INSTALLED PER MANUFACTURER'S RECOMENDATIONS AND ADA COMPLIANT. USE SWIFTDRAIN 300 HEAVY DUTY TRENCH DRAIN OR AN APPROVED EQUIVALENT. WWW.MISSUTILITY.NE PRECAST CONCRETE CURB DETAIL OR 811 AT LEAST 48 HOURS NOT TO SCALE DESCRIPTION OF REVISION P.E. INITIAL DATE APPROVAL OF REVISIONS AFTER INTIAL PLAN APPROVA DEPARTMENT OF PUBLIC WORKS DESIGN PLAN APPROVAL AS BUILT PLAN APPROVAL DESIGNED TYPICAL NORTH WASHINGTON STREET AND EAST MIDDLE LANE ROAD DIET PROJECT SCALE SHEET FILE APRIL 2022 CITY OF

CHIEF, CONSTRUCTION MANAGEMENT APPROVAL D

SECTIONS

AND DETAILS

Election District No. 2

PWK# __PWK2022-00045

REMEWED BY

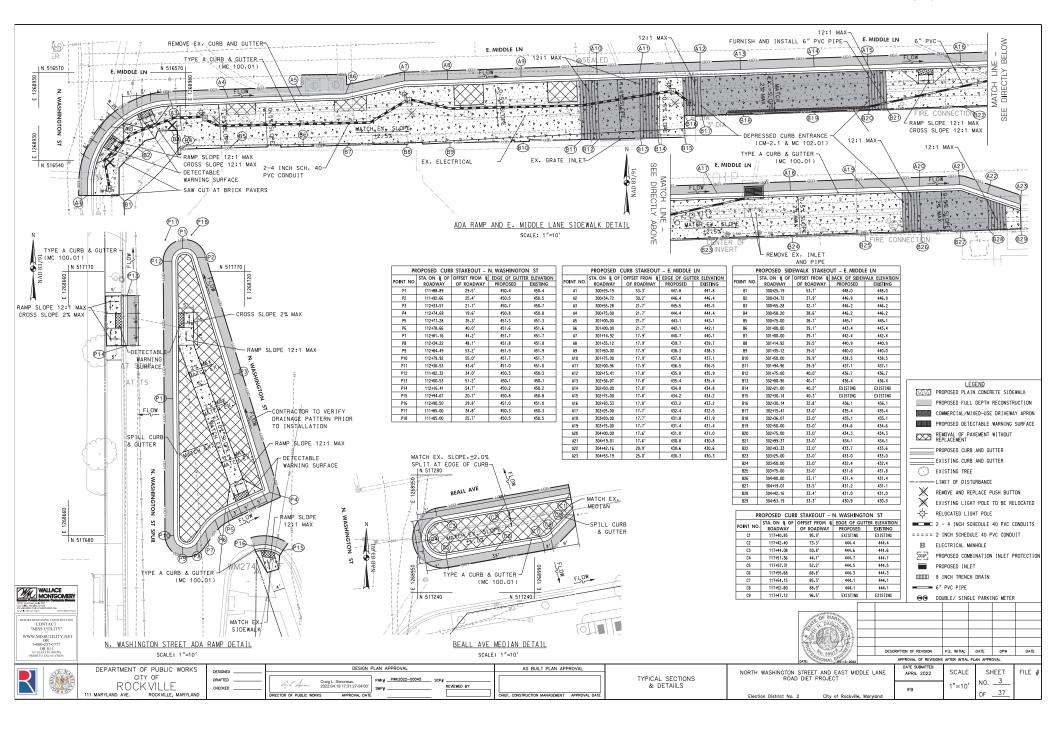
Craig L. Simoneau 2022.04.19 17:31:26-04'00'

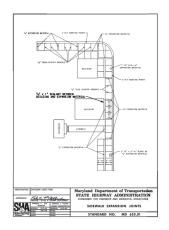
RECTOR OF PUBLIC WORKS

DRAFTED

CHECKED

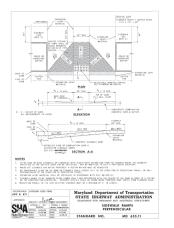
ROCKVILLE





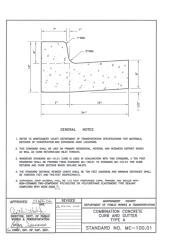
DETAIL A - SIDEWALK EXPANSION JOINTS MODIFIED SHA STANDARD NO. MD 655.01

EXPANSION MATERIAL SHALL BE APPLIED TO ANY ADJUSTED MANHOLES, STREET LIGHT POLES, SIGNAL POLES, HAND BOXES AND PIPES.

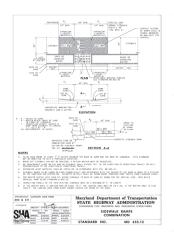


DETAIL F - SIDEWALK RAMPS PERPENDICULAR STANDARD NO. MD 655.11

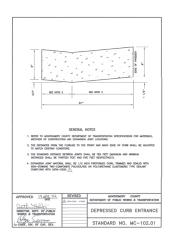
NOTE: SIAMULAND NOT PART OF THE WALKING
1. WHEN SIDE FLAME IS, NOT PART OF THE WALKING
PATH. THE SLOPE WAY BE GREATER THAN 12:1
2. SIDE FLAMES FOR THIS PROJECT HAVE BEEN DESIGNED
TO BE 2' WIDE AT THE CURB.



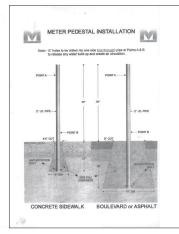
DETAIL B - TYPE 'A' COMBINATION CONCRETE CURB & GUTTER MONTGOMERY COUNTY STANDARD NO. MC-100.01



DETAIL G - SIDEWALK RAMPS COMBINATION STANDARD NO. MD 655.13

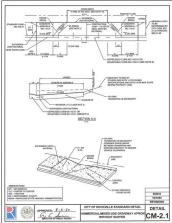


<u>DETAIL C - DEPRESSED CURB ENTRANCE</u> MONTGOMERY COUNTY STANDARD NO. MC-102.01



DETAIL H - METER PEDESTAL INSTALLATION

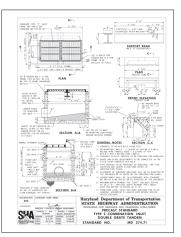
NOTE:
1. METER HEADS
2. RECONSTRUCTION OF SIDEWALK, SAWGUT, AND
EXCAVATION WILL BE INCIDENTAL TO THE METER
POLE INSTALLATION.



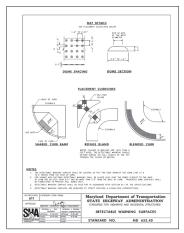
DETAIL D - DRIVEWAY APRON WITHOUT BUFFER CITY OF ROCKVILLE STANDARD NO. CM-2.1



DETAIL



DETAIL I - TYPE S COMBINATION INLET STANDARD NO. MD 374.71



DETAIL J - DETECTABLE WARNING SURFACES
STANDARD NO. MD 655.40



T. A.	DEPARTMENT C	F PUBL
STATE		Y OF
	ROCK	< VILL
1	111 MARYLAND AVE.	ROCKVILI

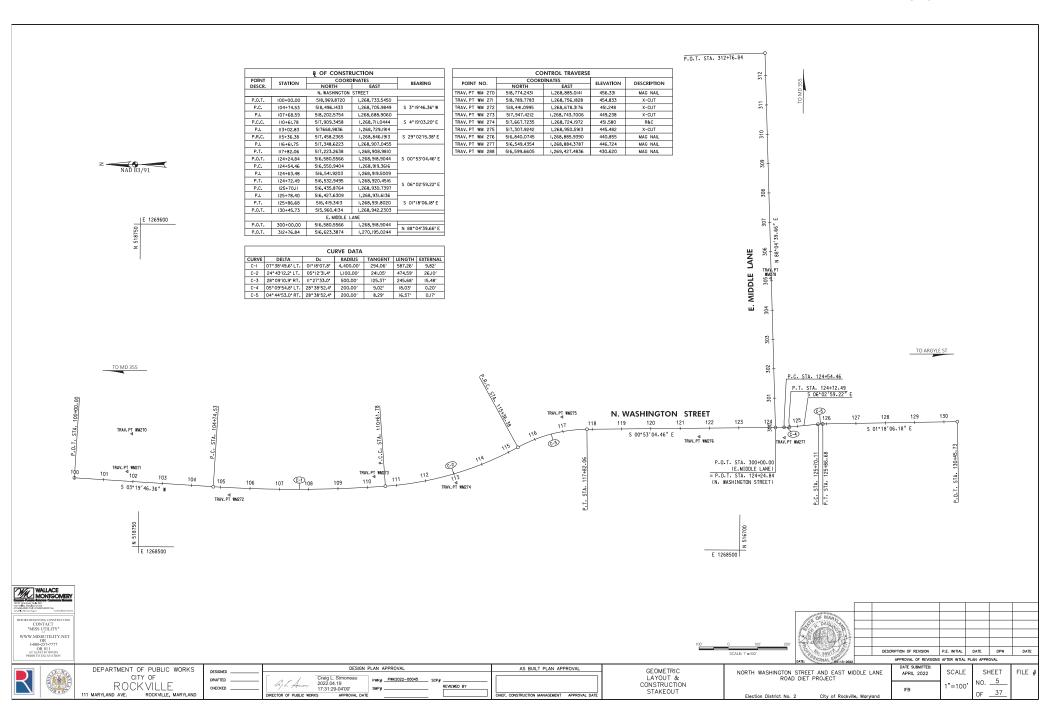


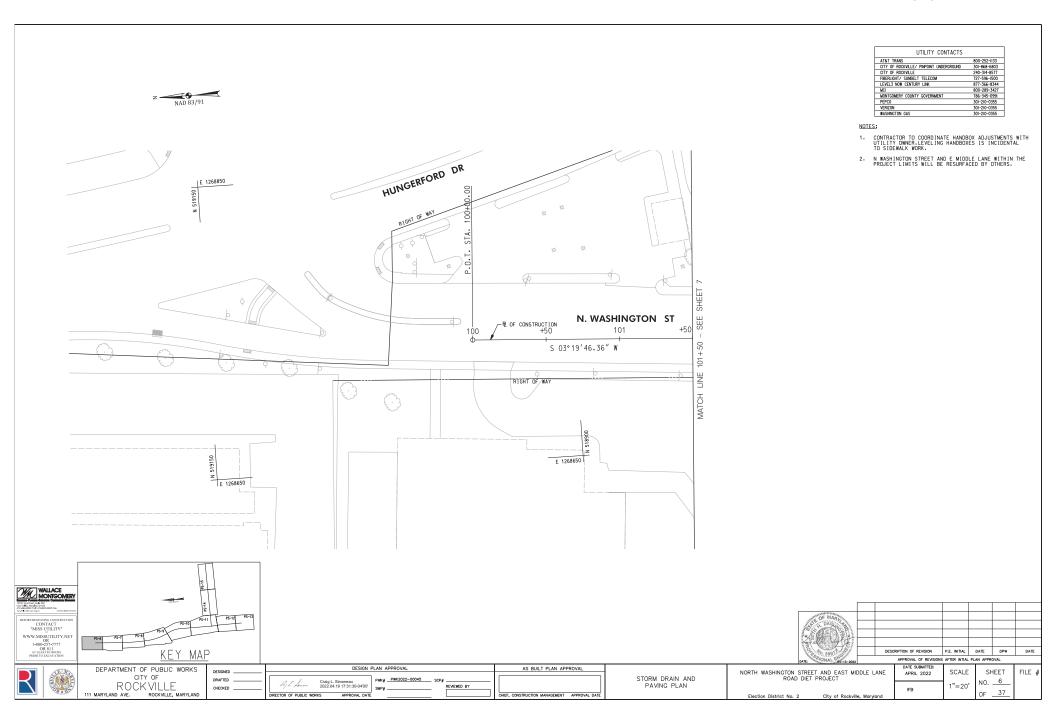


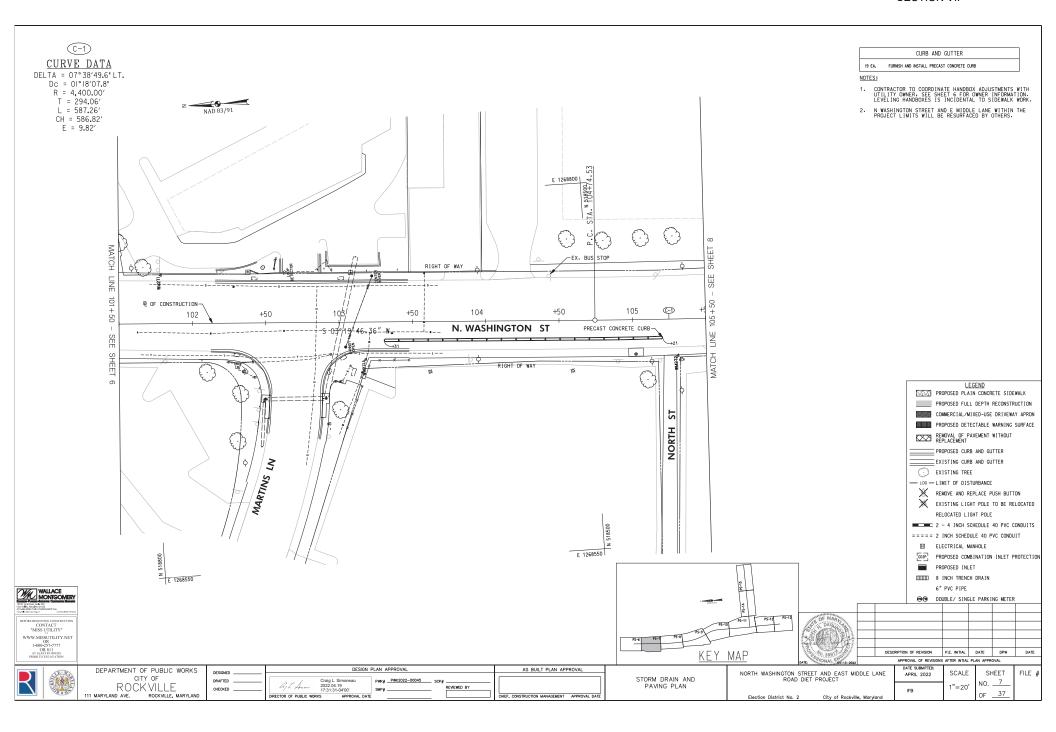
STANDARD DETAILS

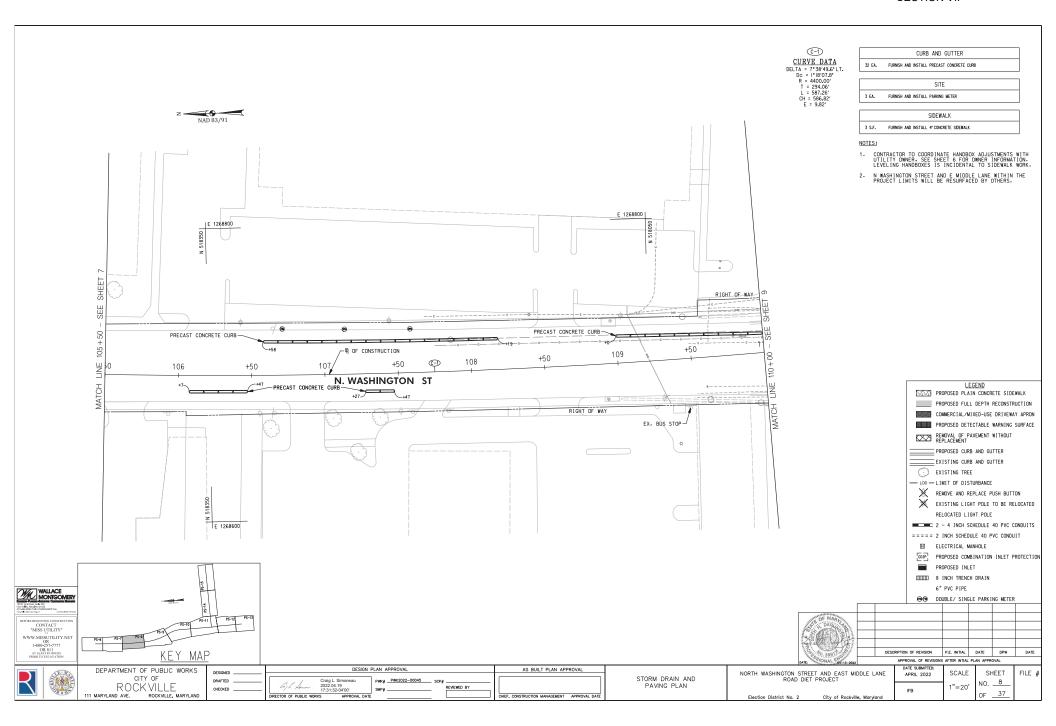
NORTH WASHINGTON STREET AND EAST MIDDLE ROAD DIET PROJECT Election District No. 2 City of Rockville, Maryland

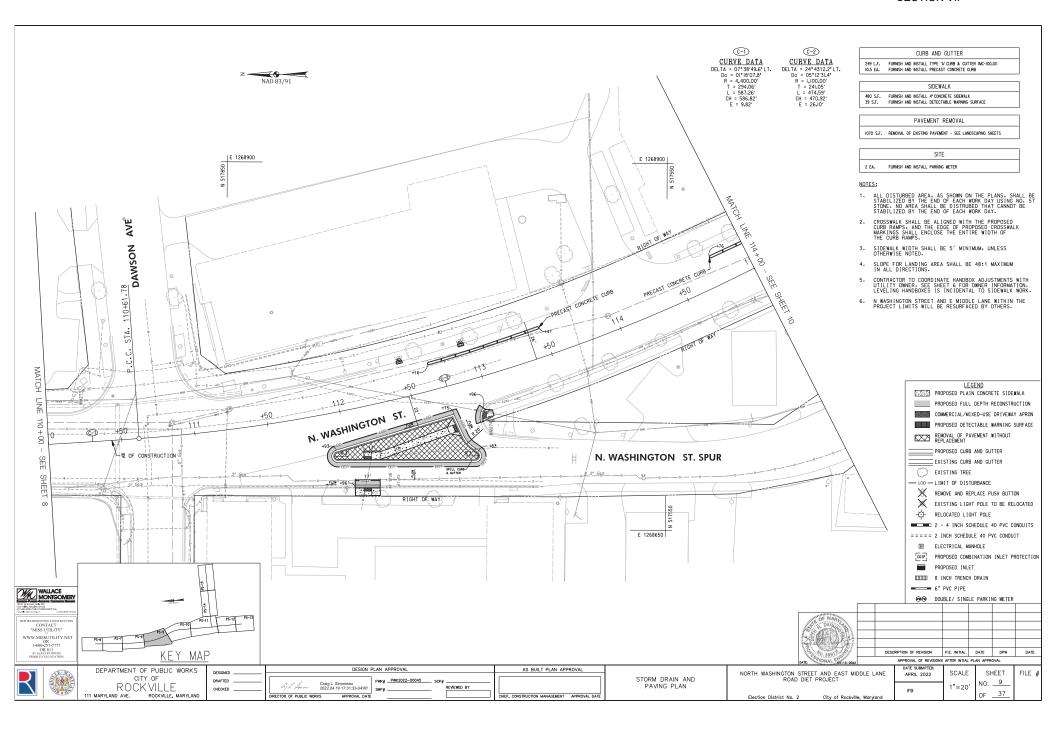
	DESC	RIPTION OF REVISION	P.E. INITIAL	DATE	DPW	DATE
		APPROVAL OF REVISIONS	AFTER INTIAL	PLAN APPR	OVAL	
L	.ANE	DATE SUBMITTED: APRIL 2022	SCALE	Sh	HEET	FILE #
			1"=20	NO.	_4_	
yl	and	IFB		OF	_37_	

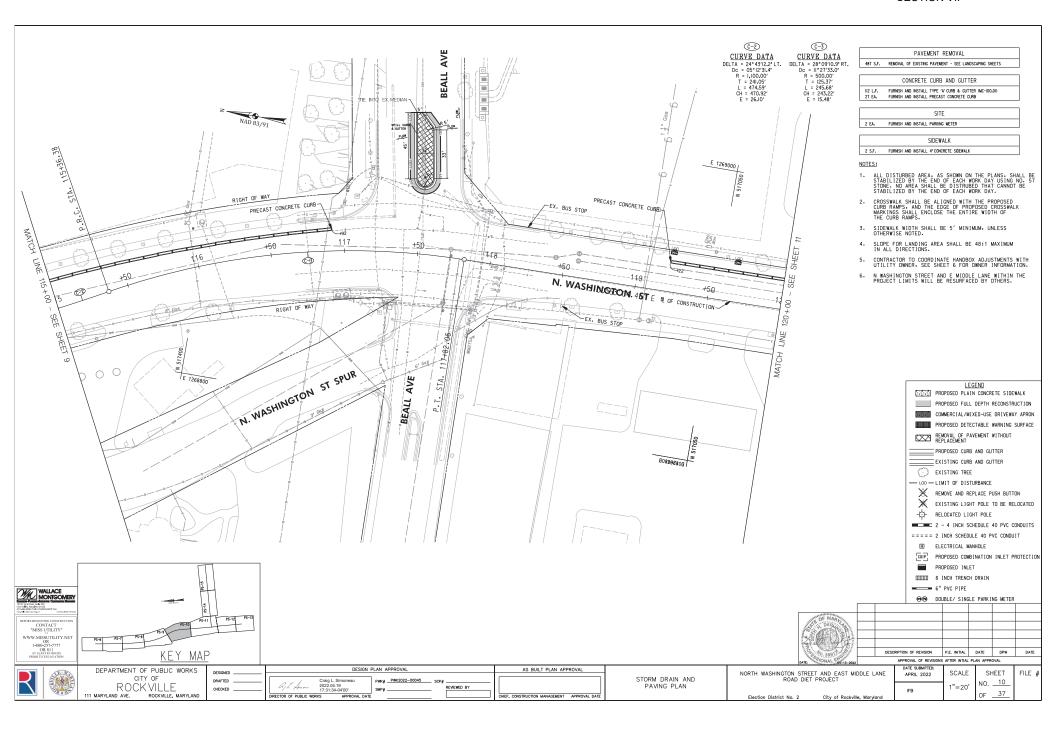


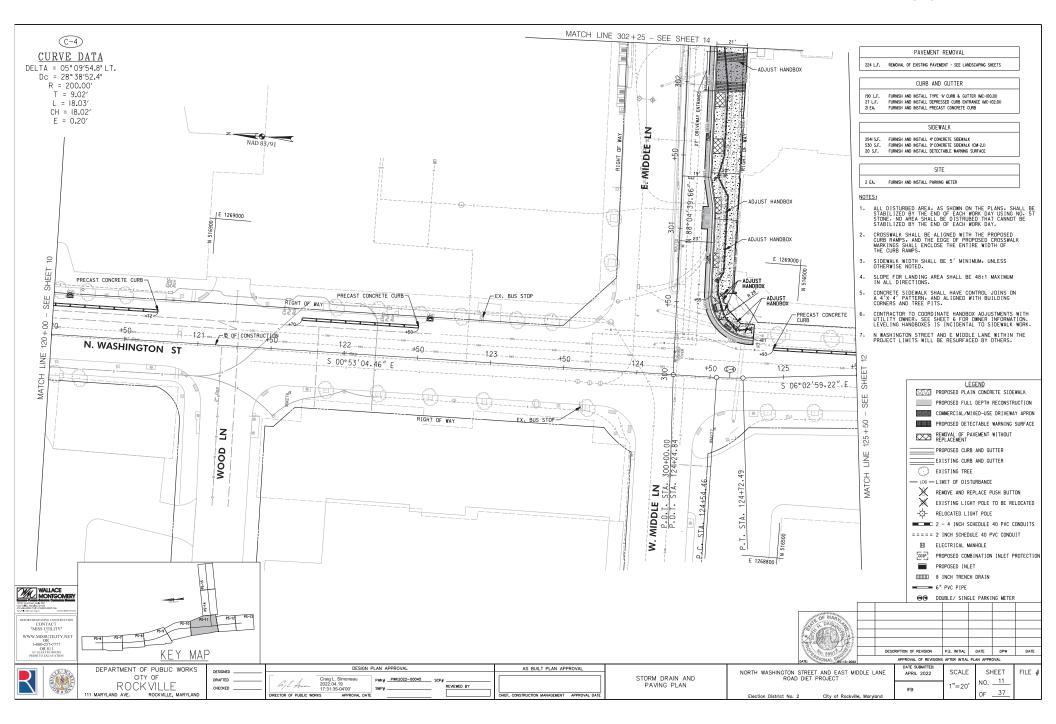


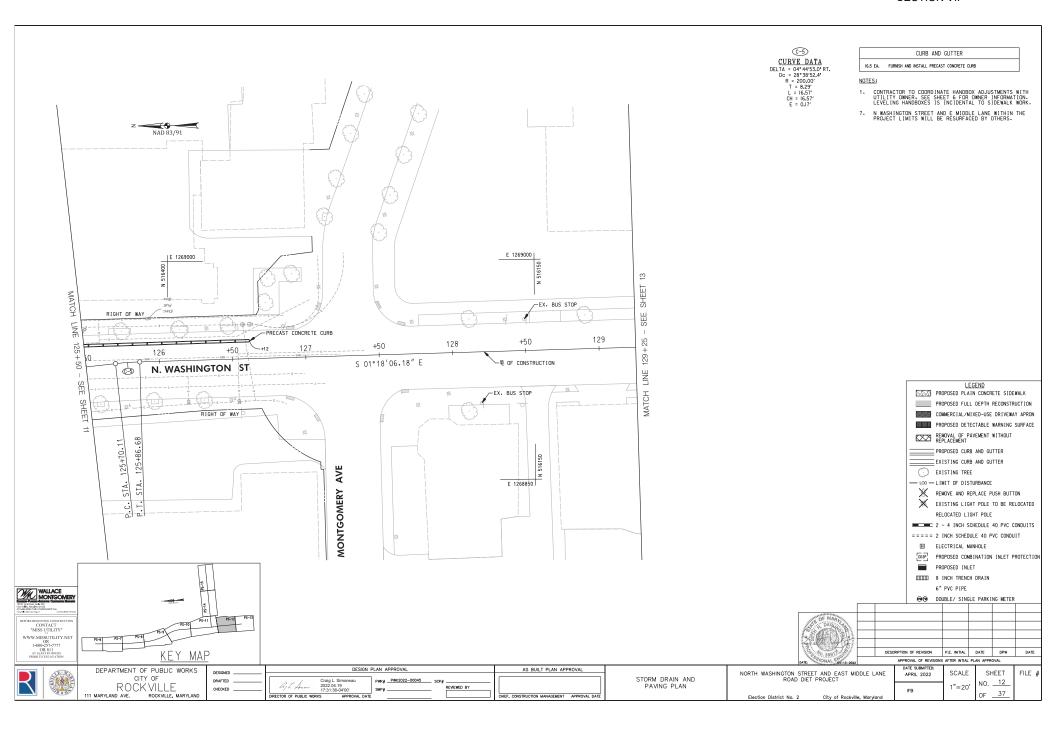


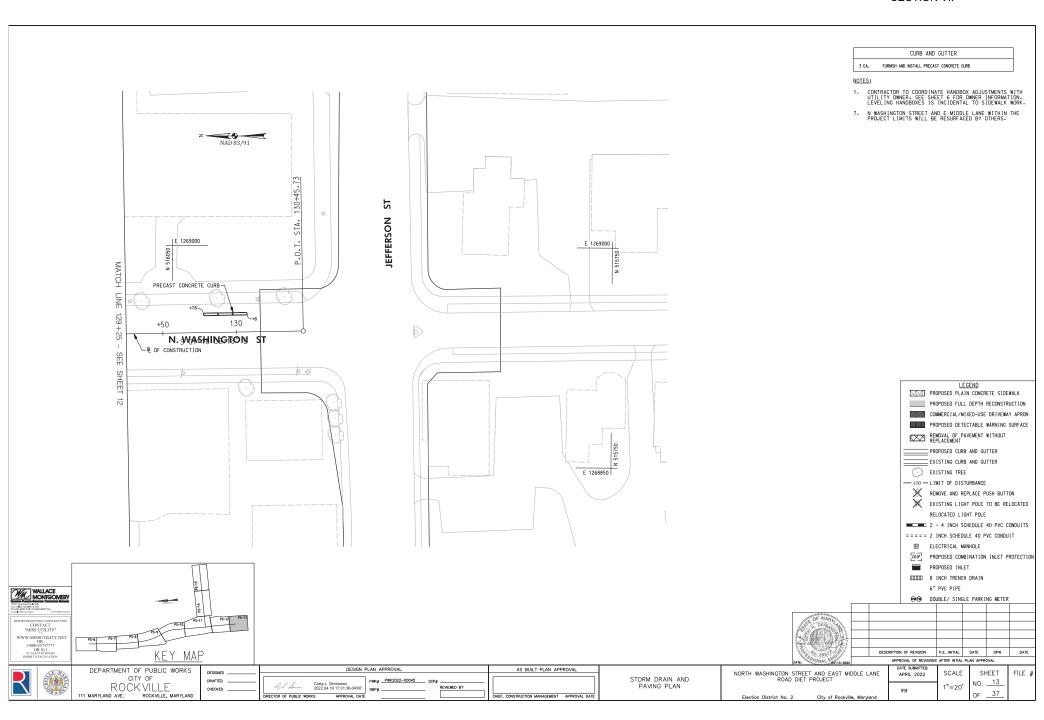


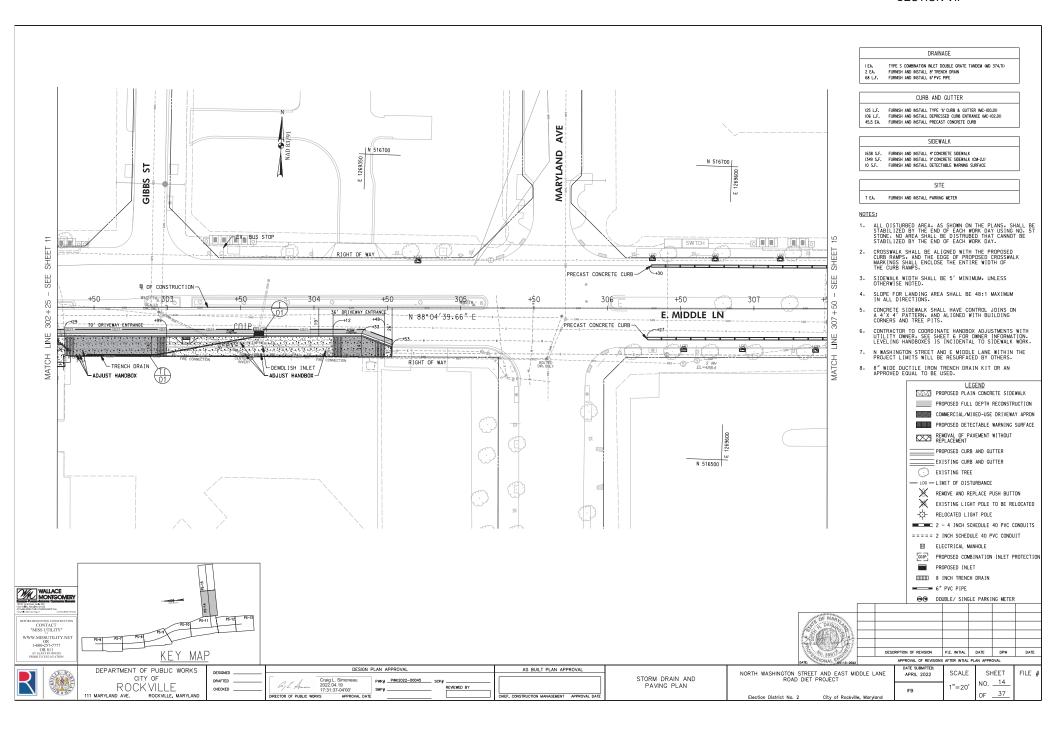


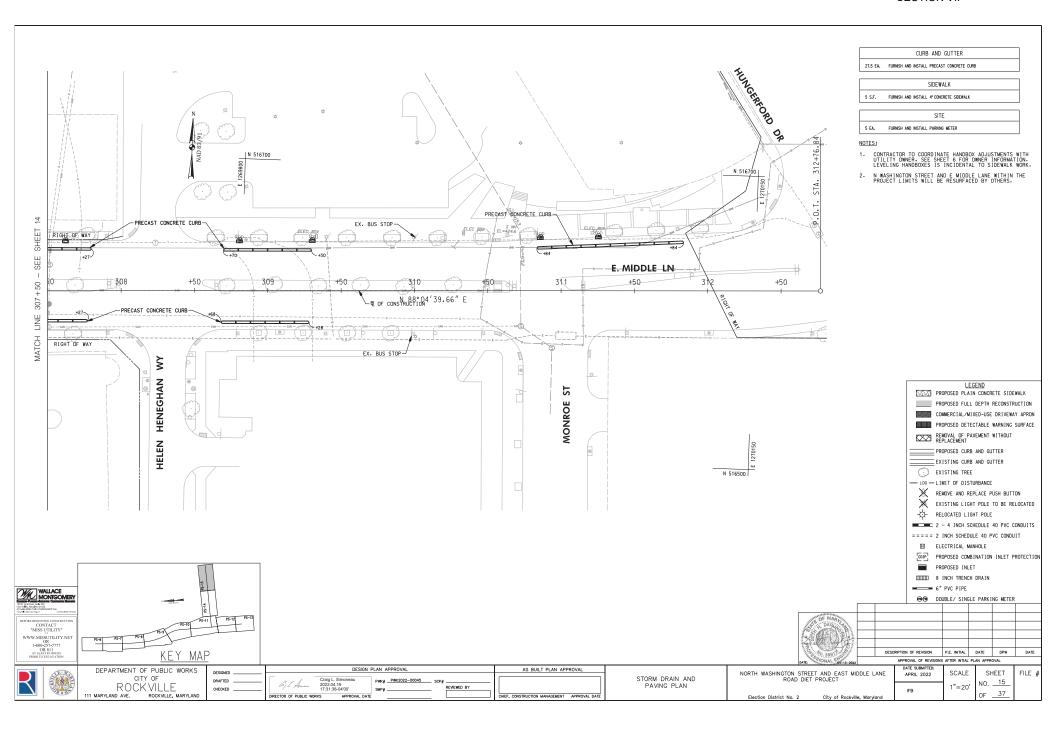






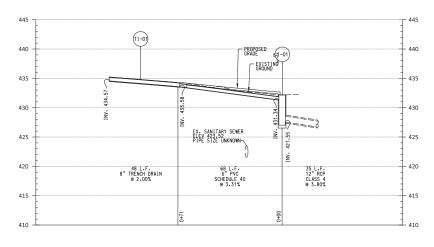






STORM DRAIN AND PAVING NOTES: (NOV 2016)

- ALL STORM DRAIN AND PAVING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST GENERAL
 SPECIFICATIONS AND STANDARD DETAILS OF THE MARTLAND STATE HIGHBAY ADMINISTRATION.
 MANTIGUARY COUNTY. AND THE CITY OF ROOTSYLLEE MLESS DIFFERISES MOTE.
- UNLESS OTHERWISE SPECIFIED. ALL STORM DRAIN PIPES SHALL BE INSTALLED WITH MONTGOMERY COUNTY STAMDARD "C" SHAPED SUBGRADE BEDDING OR BETTER.
- ALL PUBLIC STORM DRAIN SHALL BE A MINIMUM CLASS IV RUBBER GASKET REINFORCED CONCRETE PIPE IN ACCORDANCE WITH THE LATEST VERSIONS OF ASTM C-76 AND ASTM C-443.
- PROVIDE POSITIVE ORAINAGE OF ALL AREAS DISTURBED BY CONSTRUCTION. MINIMUM SLOPE IN PAVED AREAS IS ONE PERCENT. MINIMUM SLOPE OF GRADED AREAS IS TWO PERCENT. MAXIMUM SLOPE ON EARTH BANKS IS 3-11.
- WHEN TYING INTO EXISTING PAVEMENT, SAW CUT EXISTING PAVING EDGE TO PROVIDE A CLEAN, STRAIGHT, AND VERTICAL JOINT, WHEN REMOVING EXISTING CURB OR SIDEMALK, REMOVE TO THE MEAREST JOINT.
- PAVING CONTRACTOR IS RESPONSIBLE FOR ADJUSTING UTILITY TOPS TO FINISHED GRADE.
- APPLICANT IS RESPONSIBLE FOR INSTALLING ALL PAVEMENT MARKINGS AND SIGNAGE IN ACCORDANCE WITH THE FINAL PAVEMENT MARKING AND SIGNAGE PLAN. WHICH IS APPROVED BY THE CHIEF OF TRAFFIC AND TRANSPORTATION.
- FOR PAVEMENT SECTIONS OF PRIVATE DRIVEWAYS AND PARKING LOTS, REFER TO ZONING AND PLANNING ORDINANCE, 25.16.06.0. PARKING DESIGN STANDARDS PAVING SPECIFICATIONS

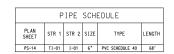


TRENCH DRAIN TO I-01 SCALE: HOR. 1"=20', VERT. 1"=5'

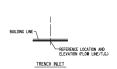
	STRUCTURE SCHEDULE									
	PLAN SHEET NUMBER STATION OFFSET TYPE			ELE'	VATION INVERT	STANDARD	VERTICAL DEPTH	COMMENTS		
ı	PS-14	T1-01	E MIDDLE LN 302+69.11	31.8' RT.	DUCTILE IRON TRENCH DRAIN GRATE BY SWIFTDRAIN	434.76	433.58	N/A	N/A	
Г	PS-14	I-01	E MIDDLE LN 303+64.5	15.7' RT.	TYPE S COMBINATION INLET DOUBLE GRATE TANDEM	432.17	431.34	MD 374.71	0.00	

NOTES:

1. 8 INCH WIDE DUCTILE IRON TRENCH DRAIN KIT BY SWIFT DRAIN OR AN APPROVED EQUAL.









7	



DESIGNED . DRAFTED . CHECKED __

_ -	DESIGN	PLAN APPROVAL	AS BUILT PLAN APPROVAL
- [Craig L. Simoneau 2022.04.19 17:31:39-04'00' DIRECTOR OF PUBLIC WORKS APPROVAL DAT	PWK#PWK2022-00045	CHIEF, CONSTRUCTION MANAGEMENT APPROVAL DATE

	DATE:
DRAINAGE PROFILE	NORTH WASHINGTON STREET AND EAS ROAD DIET PROJECT

Election District No. 2

C. A. S.						
100000	DESC	CRIPTION OF REVISION	P.E. INITIAL	DATE	DPW	DATE
DATE: SONAL EN 13-2022		APPROVAL OF REVISIONS	AFTER INTIAL I	PLAN APPR	OVAL	
NGTON STREET AND EAST MIL ROAD DIET PROJECT	DDLE LANE	DATE SUBMITTED: APRIL 2022	SCALE	SH	HEET	FILE #
ROAD DIET PROJECT		IFB	N.T.S.	NO.	16	
ict No. 2 City of Rockville	e, Maryland	""		OF	_37_	

City of Rockville, Maryland

TEMPORARY TRAFFIC CONTROL REQUIREMENTS

- ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE LATEST MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (ND MUTCD). STATE HIGHWAY ADMINISTRATION'S STANDARDS. SPECIFICATIONS AND QUIDELINES.
- THE CONTRACTOR SHALL NOTIFY UPCOMING CONSTRUCTION TO THE CITY'S COMMUNITY ENGAGEMENT COMBINATOR (TEL: 240-314-8344). CITY POLICE (240-314-8900). COUNTY POLICE (301-279-8000) AND IMPACTING BUSINESSES AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION.
- IF BUS STOPS AND ROUTES WOULD BE IMPACTED BY THE PROPOSED TRAFFIC CONTROL PLANS. THE CONTRACTOR SHALL NOTIFY UPCOMING CONSTRUCTION TO APPROPRIATE AGENCIES AT LEAST 2 WEEKS PRIOR TO CONSTRUCTION (WMATA: 202-962-6085, & COUNTY TRUE-ON 240-T77-9800).
- THE CONTRACTOR SHALL CONTACT MISS UTILITY AT 1-800-257-7777. 5 (FIVE) WORKING DAYS BEFORE WORK.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN CIRCULATIONS DURING THE CONSTRUCTION FOR SIDEWALK CLOSURE, THE CONTRACTOR SHALL SET UP APPLICABLE DETOUR SIGNS AN BABRICAGES BASED ON THE MO SHA STANDARDS NO. 104.06-09a. 104.06-09a. 104.06-09c. OR 104.06-090.
- THE CONTRACTOR SHALL ONLY PERFORM AS MUCH WORK CAN BE COMPLETED DURING EACH WORKING DAY.
- AT THE END OF EACH WORK DAY. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY SIGNS THAT ARE NOT APPLICABLE.
- 8. IN CASE OF NIGHT TIME WORKS, SAFETY AND LIGHTING DEVICES SHALL PROPERLY BE INSTALLED TO PREVENT ANY WORK FOR RELATED CRASHES. FOR ANY NIGHTTIME WORK, IF PAPILCABLE, THE CONTRACTOR SHALL OBTAIN A NOISE MAI YER FROM MONTGOMERY COUNTY IN ADVANCE.
- 9. ACCESS TO RESIDENTIAL PROPERTIES AND DRIVEWAYS MUST BE MAINTAINED AT ALL TIMES.
- 10. PERMANENT SIGNS IN CONFLICT WITH TEMPORARY TRAFFIC CONTROL SET UPS SHALL BE COVERED OR REMOVED AND SHALL BE RETURNED TO THE ORIGINAL PLACES AFTER THE COMPLETION OF THE CONSTRUCTION.
- 11. ADDITIONAL CONSTRUCTION WARNING SIGNS SHALL BE PLACED AS NEEDED WHEN DIRECTED BY THE CITY ENGINEER OR INSPECTOR.
- 12. ANY PAVEMENT MARKING, SIGNS, OR OTHER TRAFFIC CONTROL DEVICES DAMAGED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- 13. FOR ANY ROADWAY CLOSURE, THE CONTRACTOR SHALL PROVIDE PROPER VARIABLE MESSAGE SIGNS TO INFORM OF UPCOMING CLOSURE ON BOTH DIRECTIONS OF THE ROADWAY FOR AT LEAST 48 HOURS BEFORE THE CLOSURE.
- 15. IF THE PROPOSED TRAFFIC CONTROL PLANS REQUIRE PARKING RESTRICTIONS ALONG THE CITY ROADWAYS. THE CONTRACTOR SHALL POST PROPER SIGNS TO INDICATE TEMPORARY PARKING RESTRICTIONS AT LESS 44 BHOUSE RESOR THE CONSTRUCTION. AFTER COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE THE TEMPORARY SIGNS.
- 16.FOR SIGNAL DETECTION AND TIMING ADJUSTMENT, CONTACT MONTGOMERY COUNTY TMC AT 240-777-2100 AT LEAST 2 WEEKS PRIOR TO CONSTRUCTION.
- 17. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT SAFETY OF THE PUBLIC AND THE WORK CREW IS MAINTAINED AT ALL TIMES THROLOROUT THE TERM OF THE CONTRACT. THE MOTORIST SHALL BE QUIDED IN A CLEAR AND POSITIVE MANNER WHILE APPROACHING AND PASSING THROUGH CONSTRUCTION WORK AND EQUIPMENT AREAS.
- 18. THE CONTRACTOR SHALL INSTALL (PRIOR TO BEGINING CONSTRUCTION) AND MAINTAIN DURING CONSTRUCTION ALL NECESSARY TRAFFIC CONTROL DEVICES DURING HOURS OF CONSTRUCTION AND AT ALL OTHER TIMES IN ACCORDANCE WITH THE EMPIOS OF TRAFFIC CONTROL SHOWN ON THESE GRAWINGS. THE SPECIFICATIONS, AND THE MOMATCO. THE WORK HOURS ARE SUBJECT TO COMPLIANCE WITH MOOT SPECIFICATION.
- 19. THE CONTRACTOR AND INSPECTORS SHALL NOT PARK VEHICLES OR WORK BEHIND DRUMS MITHIN THE TAPER OR BUFFER AREAS.
- 20. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 10' TRAVEL LANES
- 21. STAGING OR STOCKPILING OF WATERIAL ON-SITE SHALL BE PROHIBITED.

CONTACT INFORMATION

1. CONTACT THE CITY OF ROCKYILLE DEPARTMENT OF PUBLIC WORKS AT 240-314-8500 PMMROCKYILLEWO.GOV AT LEAST TWO WEEKS IN ADVANCE TO CODROJNATE ALL TEMPORARY TRAFFIC CONTROL (TTC). ESPECIALLY IN THE VICINITY OF ANY TRAFFIC SIDMALS.

MAISCELL ANEOUS

- THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR ALL ACCIDENTS AND/OR DAMAGE
 TO PERSONS AND/OR PROPERTY DAMAGE RESULTING FROM HIS/HER OPERATIONS.
- ALL TTC DEVICES SHALL BE REMOVED AS SOON AS PRACTICAL WHEN THEY ARE NO LONGER NEEDED. WHEN WORK IS SUSPENDED FOR SHORT PERIODS OF TIME. TTC DEVICES THAT ARE NO LONGER APPROPRIATE SHALL BE REMOVED OR COVERED.
- AT THE COMPLETION OF WORK ACTIVITIES. CONDITIONS WITHIN THE PUBLIC SPACE SHALL BE FULLY RESTORED TO THOSE THAT EXISTED PRIOR THE THE WORK ACTIVITY.

TRAFFIC CONTROL - SEQUENCE OF CONSTRUCTION

INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION (SEE EROSION AND SEDIMENT CONTROL PLANS).

PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PART-TIME STANDARD LEFT LANE CLOSURE IN ACCORDANCE WITH STANDARD NO. MD 104.0-0-04. PART-TIME STANDARD RIGHT LANE CLOSURE IN ACCORDANCE WITH STANDARD NO. MD 104.0-0-05 OF PART-TIME STANDARD SHOULDER FORK IN ACCORDANCE WITH STANDARD NO. MD 104.0-0-02 AS NEEDED ALONG EASTBOUND AND WESTBOUND FOR WITH STANDARD NO. MD 104.0-0-02 AS NEEDED ALONG EASTBOUND AND WESTBOUND

CONSTRUCTION ACTIVITIES INCLUDE THE FOLLOWING:
-INSTALLATION OF FINAL PAVEMENT SURFACE, SIGNING, AND PAVEMENT MARKING.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING DETAIL TEMPORARY TRAFFIC CONTROL PLANS UTILIZING THE SUGGESTED SEQUENCE OF CONSTRUCTION.

STAGE 1 (N. WASHINGTON ST GORE ISLAND CONSTRUCTION):

PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PART-TIME STANDARD RIGHT LANE CLOSURE IN ACCORDANCE WITH STANDARD NO. MD 104.03-06 AS NEEDED ALONG SOUTHBOUND. N. WASHINGTON ST.

PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PART-TIME STANDARD ROADWAY CLOSURE IN ACCORDANCE WITH STANDARD NO. NO 104.06-06 AS NEEDED ALONG N. WASHINGTON ST. SPUR.

VEHICLES TRAVELLING ADDR MORTHERING N. MESTHOTOM ST. SEVEN TO ACCESS SCUTHORISM N. MASHINGTOM ST. OM BE CETURED SOUTHORISM AND MASHINGTOM ST. SEVEN TO UTILIZE EASTGOUNG FEAL. MASHINGTOM ST. VEHICLES TRAVELLING ALCONS SUTHERION. N. MASHINGTOM ST. VEHICLES TRAVELLING ALCONS SUTHERION. N. MASHINGTOM ST. THE TOM ST. SEVEN CAME BE CETURED ALONG SOUTHBOOM N. MASHINGTOM ST. SEVEN CAME BE CETURED ALONG SOUTHBOOM N. WASHINGTOM ST. TO UTILIZE WESTBOUNG BEAL MASHINGTOM ST. TO UTILIZE WESTBOUNG MASHINGTOM ST.

DURING CONSTRUCTION OF THE RAMP ALONG N. WASHINGTON ST. SPUR PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR A PART-TIME PERESTRIAN DETOUR IN ACCORDANCE WITH STANDARD NO. NO 104.06-09C UTILIZING THE CROSSING OF N. WASHINGTON ST SOUTHERN LEG AND PROCEEDING TO BEALL ANE.

CONSTRUCTION ACTIVITIES INCLUDE THE FOLLOWING:
-INSTALATION OF PROPESSE CONCASE IS AMON AT THE INTERSECTION OF IN, WASHINGTON ST, SPRI.
-MODIFICATION AND INSTALATION OF EXISTING AMON PROPOSED AND RAMPS AT THE INTERSECTION OF IN, WASHINGTON ST, AND IN WASHINGTON ST, SPRI.

PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PART-TIME STANDARD LEFT LANE CLOSURES IN ACCORDANCE WITH STANDARD NO. UM 104-03-04 AS NEEDED ALONG EASTBOUND AND WESTBOUND BEALL AVE. CAST OF N. WASHINGTON ST.

THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSSING ACROSS BEALL AVE. DURING CONSTRUCTION OF THE MEDIAN NOSE FOR PEDESTRIAN MOVEMENTS.

CONSTRUCTION ACTIVITIES INCLUDE THE FOLLOWING:
-MODIFICATION OF THE EXISTING MEDIAN MOSE ALONG THE WESTBOUND APPROACH OF
BEALL AVE. AT N. MASHINGTON ST.

STAGE 3 (E. MIDDLE LANE SIDEWALK):

SEE SHEET 18 FOR PEDESTRIAN DETOUR PLANS DURING THE CONSTRUCTION TO MINIMIZE IMPACTS BY UTILIZING STANDARD NOS. MD 104.06-094, 098, 09C AND 09D.

PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PARTI-TIME STANDARD RIGHT LANE CLOSURE. IN ACCORDANCE WITH STANDARD NO. NO 104.03-06 AS RECEIVE ALONG EASTBOUND E. MIDDUE LANE ENTERE N. WASHINGTON ST AND MARTHAND ARE. PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PART-TIME STANDARD RIGHT LANE CLOSURE. IN ACCORDANCE WITH STANDARD NO. NO 104.03-06 AS NECEDO ALONG NOTREDOMON. WITHOUT DEVICES FOR PART-TIME STANDARD RIGHT LANE CLOSURE. IN ACCORDANCE WITH STANDARD NO. NO 104.03-06 AS NECEDO ALONG NOTREDOMON. WIS RIGHT STANDARD NO. NO 104.03-06 AS NECEDO ALONG NOTREDOMON. WITHOUT DEVICES FOR THE STANDARD NO. NO 104.03-06 AS NECEDO ALONG NOTREDOMON DEVICES.

CONSTRUCTION ACTIVITIES INCLUDE THE FOLLOWING:

-INSTALLATION OF MIDDAD SIDEWALK ALONG E. MIDDLE LANE.
-MODIFICATIONS TO THE EXISTING ADA RAMPS IN THE SOUTHEAST CORNER OF E. MIDDLE LANE.
AND N. MASHINGTON ST.

STAGE 4 (MILLING, OVERLAY AND TEMPORARY MARKINGS):

PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PART-TIME STANDARD LEFT LANE CLOSURE IN ACCORDANCE WITH STANDARD NO. NO 104.03-04 AS NEEDED ALONG NORTHBOUND AND SOUTHBOUND

PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PART-TIME STANDARD RIGHT LANE CLOSURE IN ACCORDANCE WITH STANDARD NO. NO 104.03-06 AS NEEDED ALONG NORTHBOUND AND SOUTHBOUND N. MASHINGTON ST.

PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PART-TIME STANDARD LEFT LANE CLOSURE IN ACCORDANCE WITH STANDARD NO. MD 104.04-04 AS NEEDED ALONG EASTBOUND AND MESTBOUND E. MIDDLE LA PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PART-TIME STANDARD RIGHT LANE CLOSURE IN ACCORDANCE WITH STANDARD NO. MD 104.04-06 AS NEEDED ALONG EASTBOUND AND WESTBOUND E. MIDDLE LA

CONSTRUCTION ACTIVITIES INCLUDE THE FOLLOWING:
-MILLING OF PAVEMENT ALONG N. WASHINGTON ST. AND E. MIDDLE LAME.
-INSTALLATION OF TEMPORARY PAVEMENT MARKING TAPE IN LAYOUT OF PROPOSED PAVEMENT MARKINGS.

PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PART-TIME STANDARD SHOULDER WORK IN ACCORDANCE WITH STANDARD NO. MD 104.03-02 ALONG NORTHBOUND AND SOUTHBOUND N. WASHINGTON ST.

PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PART-TIME STANDARD SHOULDER MORK IN ACCORDANCE WITH STANDARD NO. MD 104-04-02 ALONG EASTBOUND AND WESTBOUND E. MIDDLE LN.

CONSTRUCTION ACTIVIES INCLUDE THE FOLLOWING:
-INSTALLATION OF PROPOSED PRECAST CONCRETE CURBS IN BIKE LAME BUFFER AREA ALONG
N. WASHINGTON ST. AND E. MIDDLE LIN.

STAGE 6 (FINAL SURFACE, PAVEMENT MARKINGS, SIGNING AND PAVEMENT MARKINGS):

PLACE TEMPORARY TRAFFIC CONTROL DEVICES FOR PART-TIME STANDARD REF. LIME CLOSHE IN ACCORDANCE WITH STANDARD NO. NO 104.03-04. PART-TIME STANDARD RIGHT LIME CLOSHE IN ACCORDANCE WITH STANDARD NO. NO 104.03-05 OR PART-TIME STANDARD RIGHT LIME CLOSHE IN ACCORDANCE WITH STANDARD NO. NO 104.03-06 OR PART-TIME STANDARD NO. NO 104.03-02 AS RECORD ALCHI NORTHROUND AND SOUTHBOUND IN WISHINGTON STANDARD NO. NO 104.03-02 AS RECORD ALCHI NORTHROUND AND SOUTHBOUND IN WISHINGTON STANDARD NO.

AS BUILT PLAN APPROVAL





DEPARTMENT OF PUBLIC WORKS ROCKVILLE

DESIGNED DRAFTED CHECKED

DIRECTOR OF PUBLIC WORKS

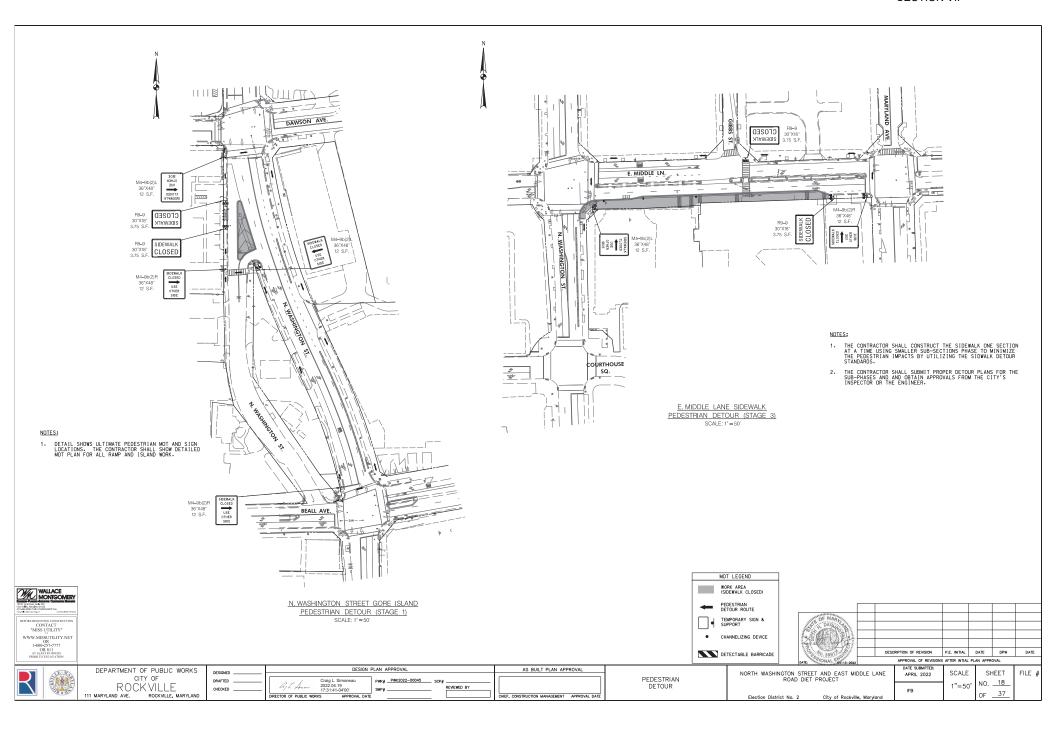
Craig L. Simoneau 2022.04.19 17:31:40-04'00'

DESIGN PLAN APPROVAL SMP# __

REVIEWED BY CHIEF, CONSTRUCTION MANAGEMENT APPROVAL DATE MAINTENANCE OF TRAFFIC NOTES

NORTH WASHINGTON STREET AND EAST MIDDLE LANE ROAD DIET PROJECT Election District No. 2 City of Rockville, Maryland

DESCRIPTION OF REVISION P.E. INITIAL DATE DPW APPROVAL OF REVISIONS AFTER INTIAL PLAN APPROVA SCALE SHEET FILE MARCH 2022 NO. <u>17</u> IFB 37

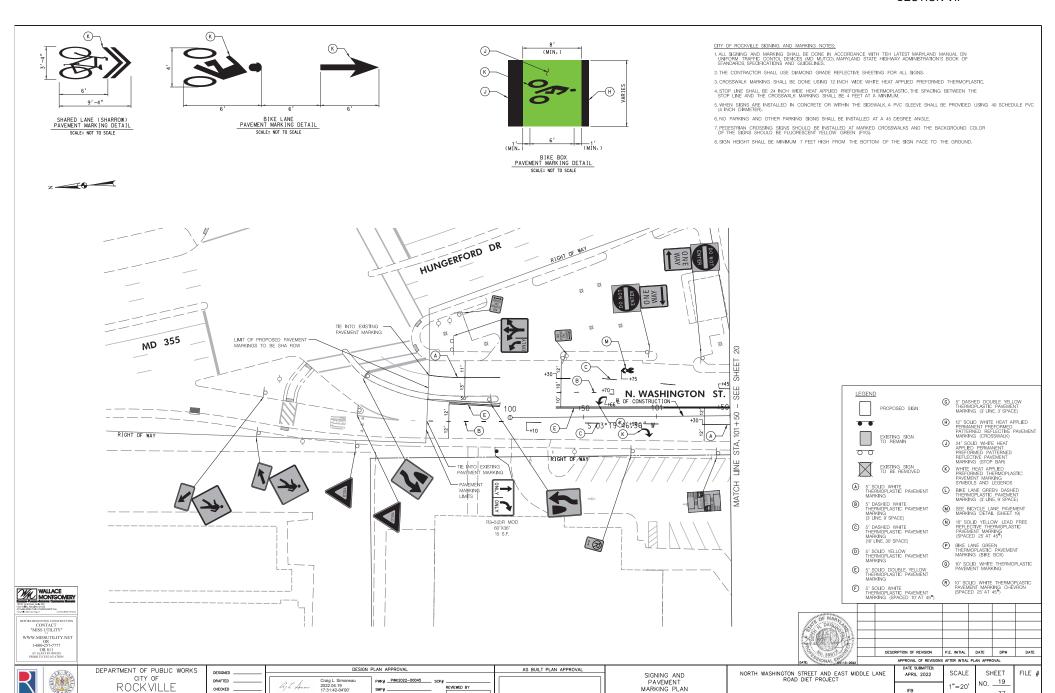


1"=20'

OF __37_

IFB

City of Rockville, Maryland



CHIEF, CONSTRUCTION MANAGEMENT APPROVAL DA

MARKING PLAN

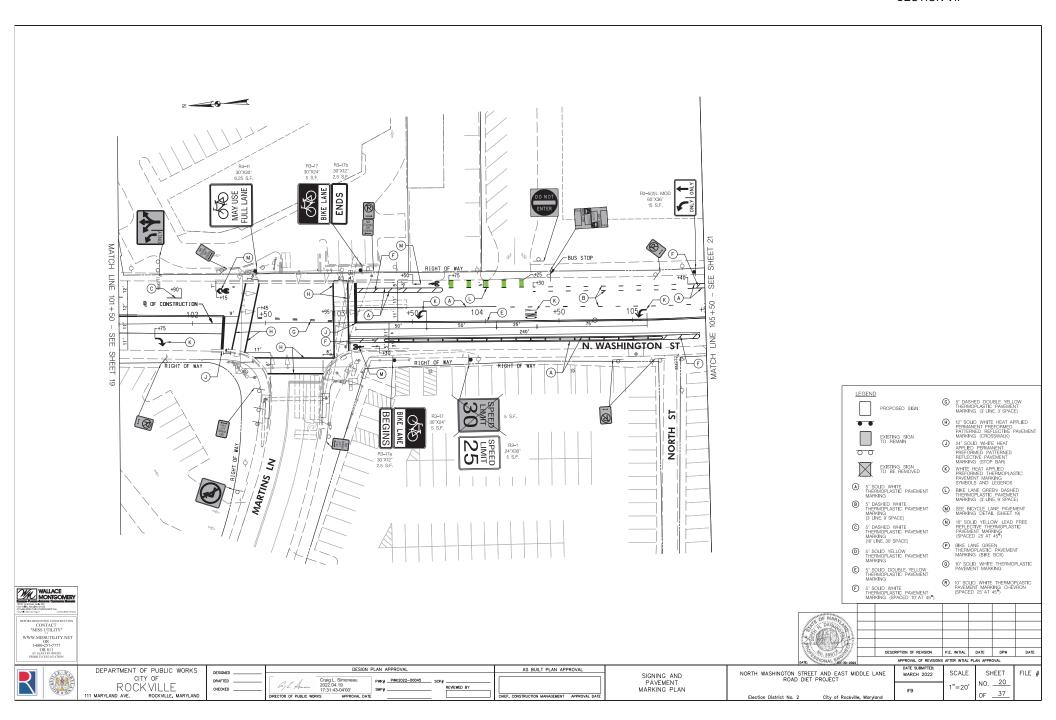
Election District No. 2

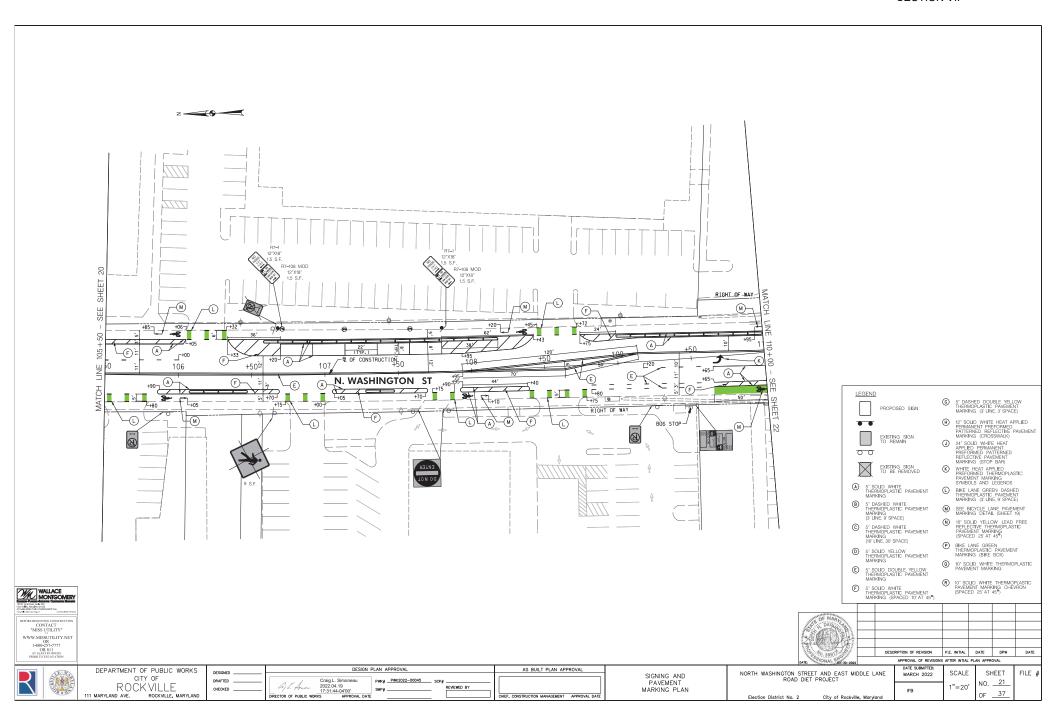
REVIEWED BY

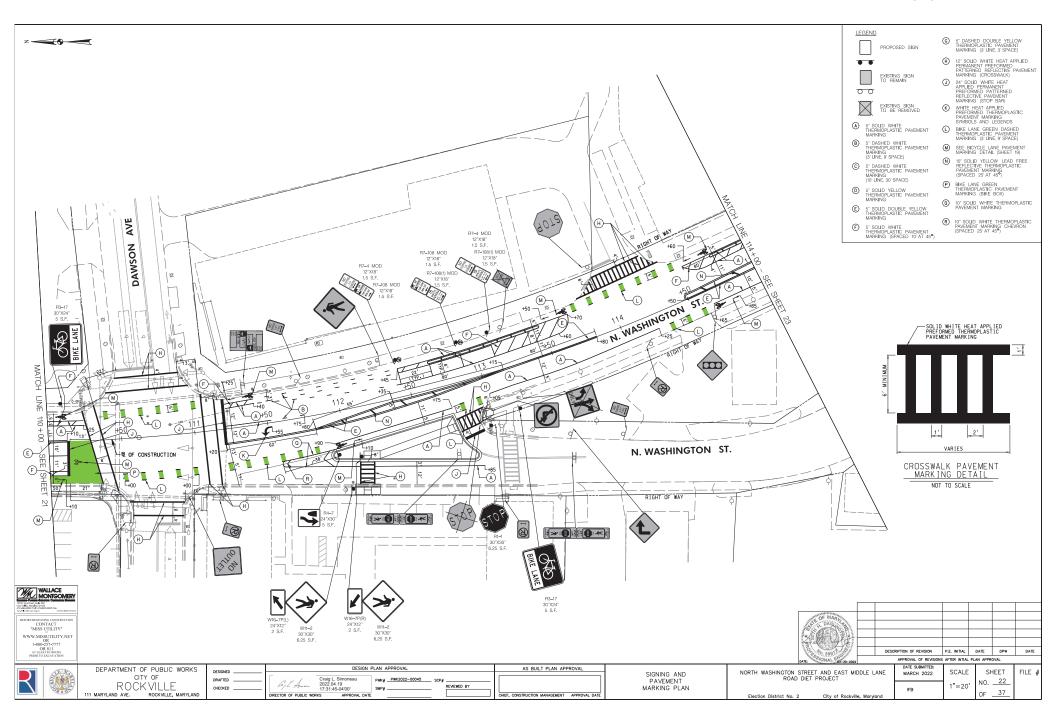
ROCKVILLE

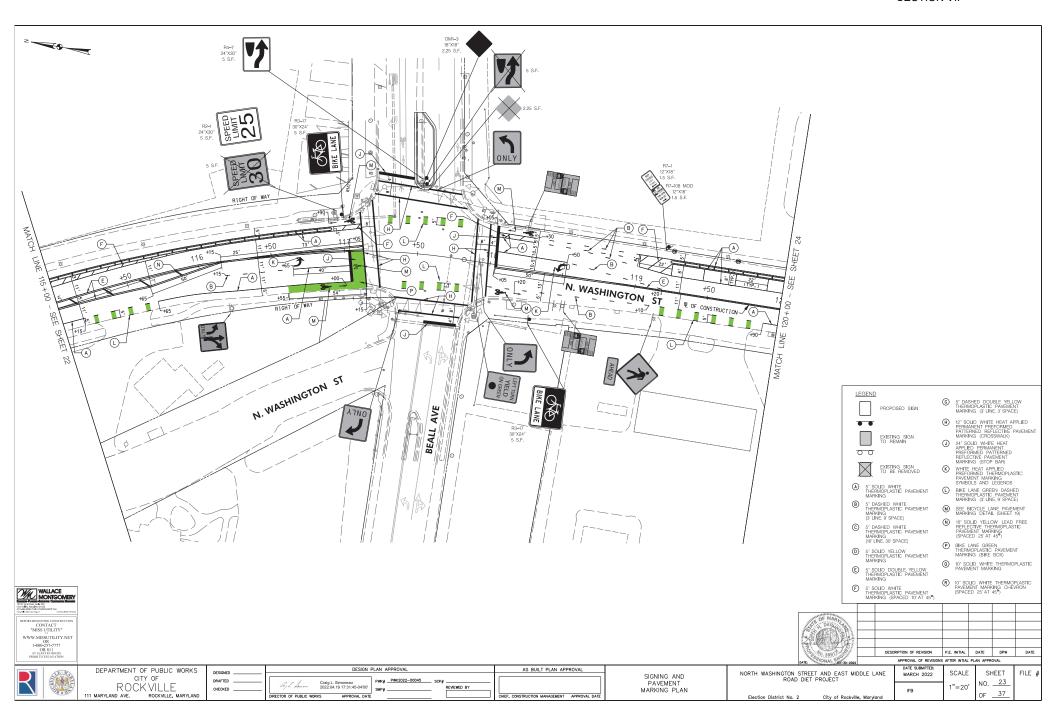
CHECKED

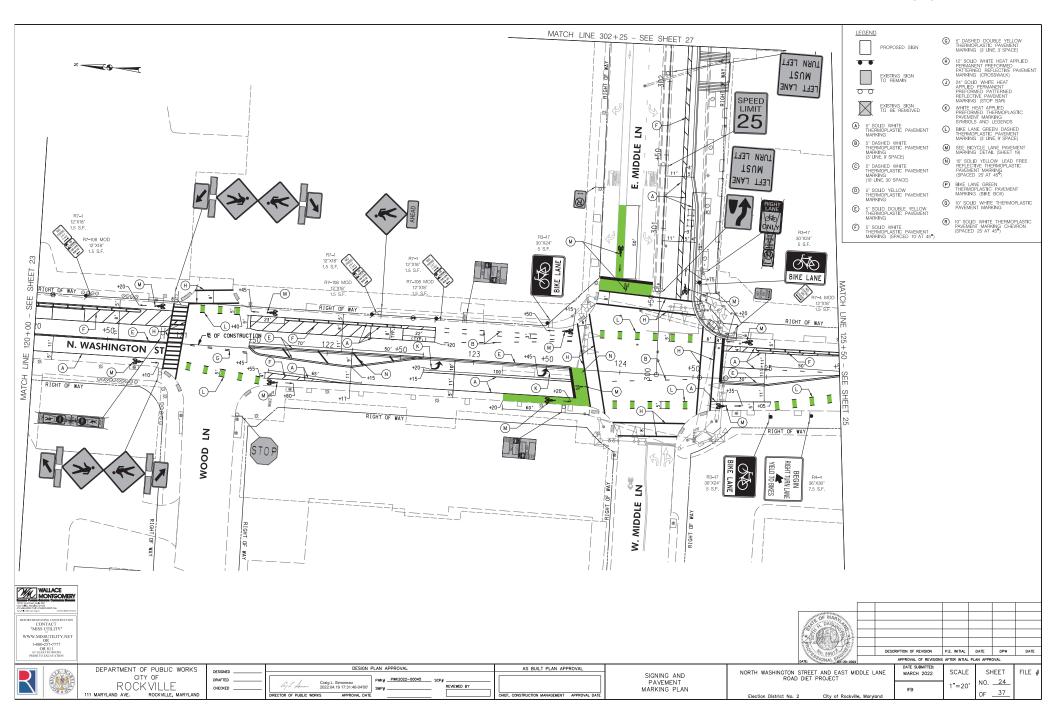
RECTOR OF PUBLIC WORKS

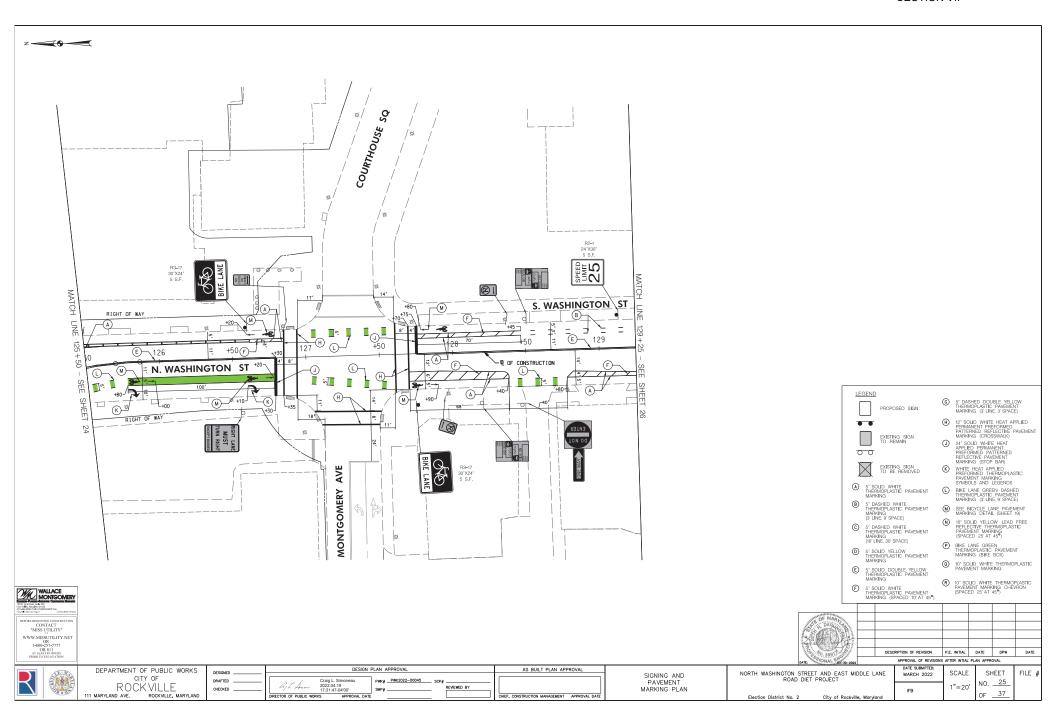


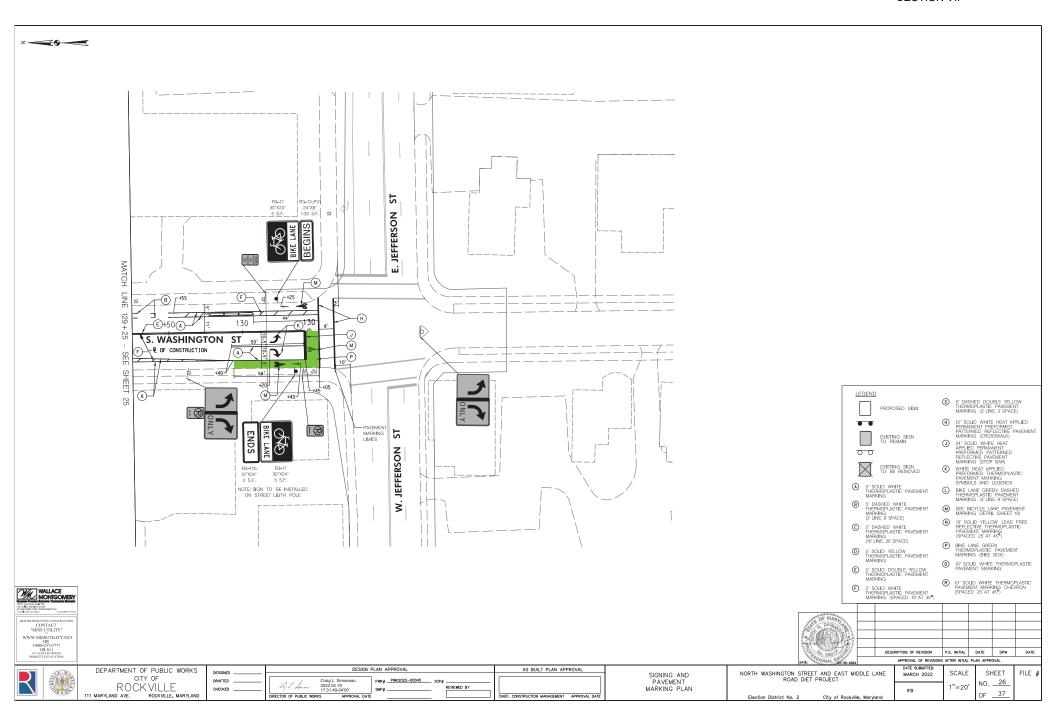


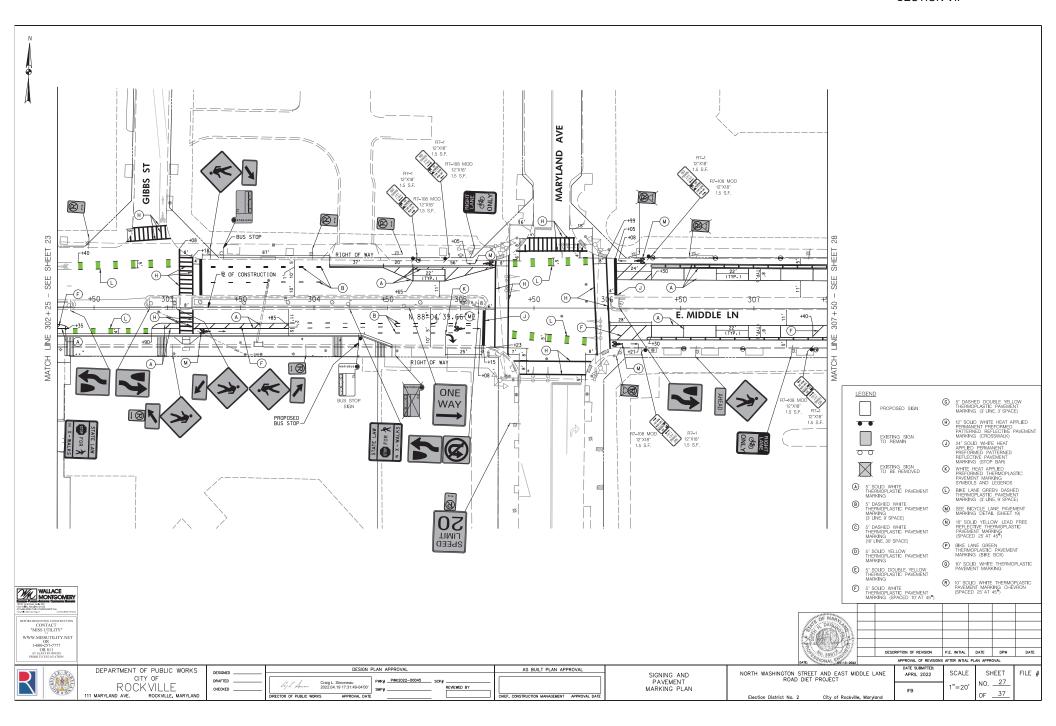


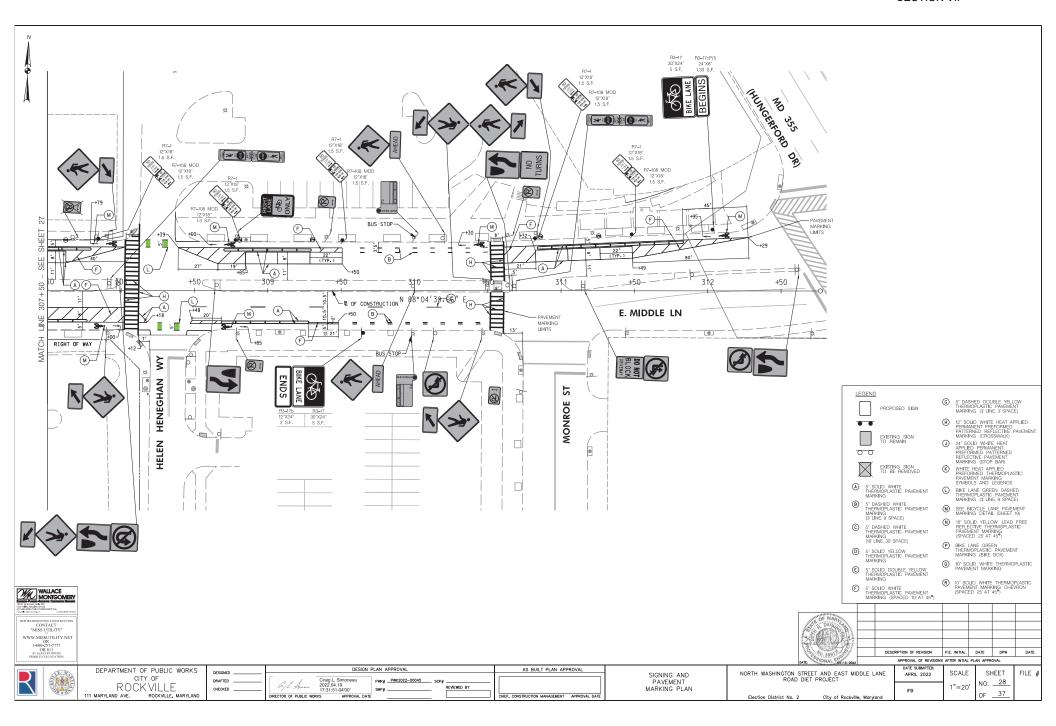


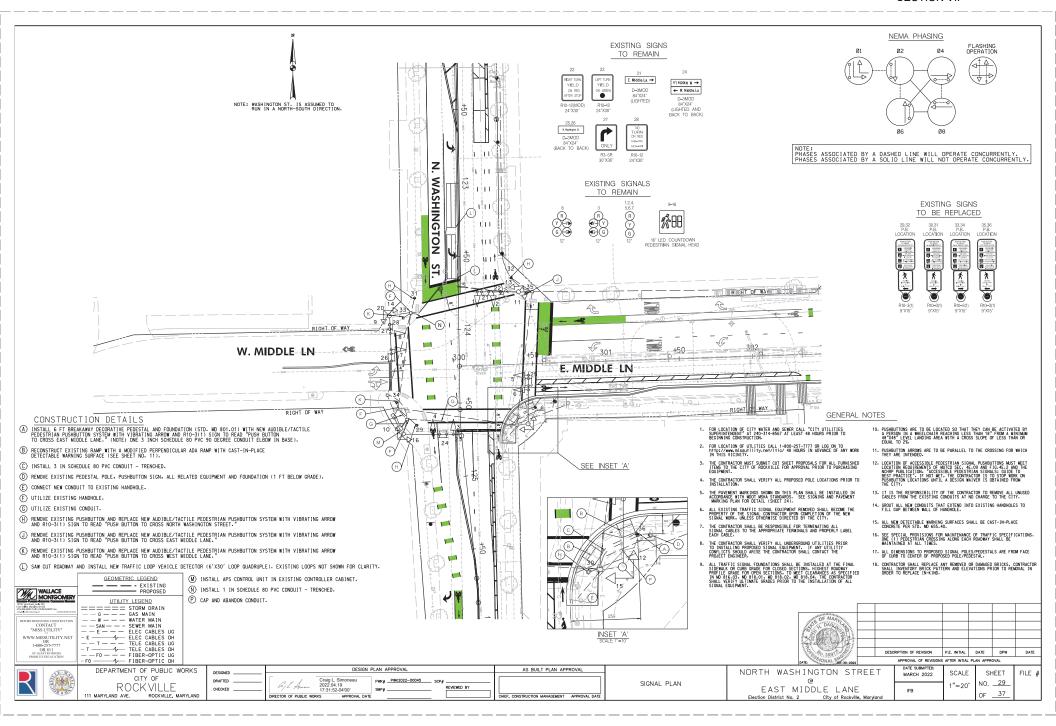












PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVELVES INE INSTALLATION OF NEW ARE SIGNALS AT ALL PERSENTIAL CROSSINGS AT THE INTERSECTION OF NORTH MASHINGTON STEET AND SEAT MODEL ALMA. AND RECONSTRUCTION OF NEW PROSESTRIAN RAMPS WITH DETECTABLE MANING SURFACES TO MEET FEDERAL ADA STANDARDS. NORTH WASHINGTON STREET ASSUMEDT DAIL IN A NORTH — SOUTH DIRECTION.

II. INTERSECTION OPERATION

- A) THIS INTERSECTION IS TO CONTINUE TO OPERATE AS A SEMI-ACTUATED TRAFFIC SIGNAL WITH THE NORTH MASHINGTON STREET APPROACHES KNOWN NO CONCURRENTLY (PHASE 2 & 6). AND MINOR STREET APPROACHES SHALL RIVE CHOCKERTELY (PHASE 4 & 6).
- B) THE INSTALLED IN EXISTING BASE-MOUNTED CONTROLLER CABINET SHALL BE A NEW FULL-TRAFFIC-ACTUATED. EIGHT-PHASE ASC/3-2100 CONTROLLER, WITH AN UPS AND BBS INTERSECTION SYSTEM.

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY THE CITY OF ROCKVILLE

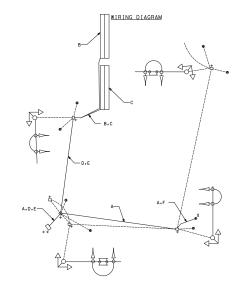
DESCRIPTION QUANTITY NONE

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NUMBER	DESCRIPTION MAINTENANCE OF TRAFFIC	QUANTITY
1003	MAINTENANCE OF TRAFFIC	1 LS
2001	TEST PIT EXCAVATION	1 CY
8001	FURNISH AND INSTALL CONCRETE FOR POLE FOUNDATION	1 CY
8005	FURNISH AND INSTALL NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	25 LF
8006	FURNISH AND INSTALL 1 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	10 LF
8007	FURNISH AND INSTALL 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED	25 LF
8013	FURNISH AND INSTALL 6 FOOT DECORATIVE PEDESTAL POLE	1 EA
8014	GROUND ROD -3 /4 INCH DIAMETER X 10 FOOT LENGTH	5 EA
8015	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (ALUMINUM SHIELDED)	190 LF
8016	FURNISH AND INSTALL ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)	140 LF
8017	FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING	950 LF
8018	FURNISH AND INSTALL SAW CUT FOR SIGNAL (LOOP DETECTOR)	265 LF
8019	FURNISH AND INSTALL AUDIBLE/TACTILE PEDESTRIAN PUSHBUTTON STATION AND SIGNS	8 EA
8020	FURNISH AND INSTALL 2-WIRE APS CENTRAL CONTROL UNIT	1 EA
8021	REMOVE AND DISPOSE OF EXISTING SIGNAL EQUIPMENT	1 LS

DULCE	CHART
PHASE	CHARI

	NORTH	BOUND	SOUTHE	BOUND	EASTE	BOUND	WES	STBOUND	WEST PED	EAST PED	NORTH PED	SOUTH PED	
	1 (R) (G)	R Y G	3 R W Y G G	4 (R) (Y) (G)	5 R Y G	6 R Y G	7 (R) (Y) (G)	8 (R) (Y) (Y) (9) (G) (6)	9 10 110	11 12	13 14	15 16	
PHASE 1 AND 6	R	R	+G− G	G	R	R	R	R −G→	WK WK	DW DW	DW DW	DW DW	111
1 AND 6 CHANGE	R	R	+Y- Y	Υ	R	R	R	R −Y→	DW DW	DW DW	DW DW	DW DW	Ì∳Ľ⋝
PHASE 2 AND 6	G	G	G	G	R	R	R	R	WK WK	WK WK	DW DW	DW DW	91 /
PED CLEARANCE	G	G	G	G	R	R	R	R	FL/DWFL/DW	FL/DWFL/DW	DW DW	DW DW	III Ti
2 AND 6 CHANGE	Υ	Υ	Υ	Y	R	R	R	R	DW DW	DW DW	DW DW	DW DW	H .
PHASE 4 AND 8	R	R	R	R	G	G	G	G	DW DW	DW DW	DW DW	DW DW	4
4 AND 8 CHANGE	R	R	R	R	Υ	Υ	Y	Y	DW DW	DW DW	DW DW	DW DW	⊳
PHASE 4 AND 8 ALT	R	R	R	R	G	G	G	G	DW DW	DW DW	WK WK	WK WK	oo
PED CLEARANCE	R	R	R	R	G	G	G	G	DW DW	DW DW	FL/DWFL/DW	FL/DWFL/DW	~
4 AND 8 ALT CHANGE	R	R	R	R	Υ	Υ	Υ	Υ	DW DW	DW DW	DW DW	DW DW	•
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	DARK DARK	DARK DARK	DARK DARK	DARK DARK	



- 2-CONDUCTOR ELECTRICAL CABLE (NO.14 A.W.G.)

- LOOP WIRE

B.C D.E - 2-CONDUCTOR ALUMINUM-SHIELDED LEAD-IN CABLE

- STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)

- GROUND ROD

10. 3991 0H		CRIPTION OF REVISION APPROVAL OF REVISIONS	P.E. INITIAL	DATE DI AN ADDR	DPW	DATE
IGTON ST	REET	DATE SUBMITTED: APRIL 2022	SCALE SEE	1	HEET 30	FILE #





DEPARTMENT OF PUBLIC WORKS
CITY OF
ROCKVILLE
111 MARYLAND AVE. ROCKVILLE, MARYLAND

DESIGNED ____ DRAFTED _____ CHECKED ____

	DESIGN	N PLAN APPROVA
a, L. A.	Craig L. Simoneau 2022.04.19 17:31:53-04'00'	PWK#PWK202
DIRECTOR OF PUBLIC WO	RKS APPROVAL DA	NTE

I PLAN APPROVAL	AS BUILT PLAN APPROVAL
PWK# PWK2022-00045 SCP# REMEWED BY TE	CHIEF, CONSTRUCTION MANAGEMENT APPROVAL DATE

NORTH WASHI GENERAL INFORMATION

NGTON STREET	DATE :
e e	AFK
DDLE LANE	IFB
DISTRICT NO.4	IFB
VILLE: MARYLAND	

PITON OF REVISION	P.E. INITIAL	P.E. INITIAL DATE		DATE		
PPROVAL OF REVISIONS AFTER INTIAL PLAN APPROVAL						
DATE SUBMITTED: APRIL 2022	SCALE SEE		HEET 30	FILE	#	
IFB	ABOVE	NO. OF	37			

THE MINIMUM HORIZONTAL AND VERTICAL SEPARATION BETWEEN FOREIGN STRUCTURES AND CONDUIT SHALL BE AS FOLLOWS:

TELEPHONE CONDUIT - 3" CONCRETE OR 12" EARTH.

GAS AND DIL MAINS - 12" EARTH.

GAS PIPES 16" OR LARGER REQUIRES 18" OF EARTH.

WSSC WATER AND SEWER - 5' OUT TO OUT HORIZONTAL AND 1' VERTICAL (CROSSING).

D.C. WATER AND SEWER - 4' OUT TO OUT HORIZONTAL AND 1' VERTICAL (CROSSING).

STORM DRAINS - 5' OUT TO OUT HORIZONTAL AND 6" VERTICAL (CROSSING).

STREETLIGHT CONDUIT INSTALLATION CHECKLIST

2 (TWO) – 4" (FOUR) INCH, SCHEDULE 40, PVC CONDUIT TO BE INSTALLED BY THE CONTRACTOR CONNECTING EACH SPLICEBOX IN A CONTINUOUS RUN.

1 (ONE) – 2" (TWO) INCH. SCHEDULE 40. PVC CONDUIT TO BE INSTALLED BY THE CONTRACTOR CONNECTING SPLICEBOX TO THE STREETLIGHT FOOTING.

CONTRACTOR TO PROVIDE AND INSTALL PROTOCELLS FOR EACH STREETLIGHT LUMINAIRE

STREETLIGHT AND POST ERECTED BY THE CONTRACTOR ARE TO BE WIRED WITH #10 AWG (MIN) COPPER WITH A THREE-FOOT LOOP OF SLACK IN THE SPLICEBOX FOR ATTACHEMENT BY PEPCO.

STREETLIGHT POSTS ARE TO HAVE A GROUNDING LUG ATTACHED TO THE BASE OF THE POST WITH A MINIMUM THREE FOOT LOOP OF SLACK IN THE SPLICEBOX OF #6 AWG BARE COPPER WIRE ATTACHED.

ALL SWEEPBENDS TO BE A MINIMUM OF 24 INCHES RADIUS

1/4" NYLON PULL-LINE IS TO BE INSTALLED IN EACH CONDUIT DUCT

CONTRACTOR TO INSTALL MARKING TAPE ONE FOOT (1') ABOVE EACH CONDUIT RUN.

NO MORE THAN 270 DEGREES OF BENDS IN A CONDUIT RUN-

CONDUIT IS TO HAVE THREE (3) FEET (MINIMUM) COVER OVER IT.

INSTALLATION OF ALL UNDERGROUND LIGHTING FACILITIES ARE ALSO SUBJECT TO PEPCO INSPECTION AND WRITTEN APPROVAL BEFORE CONCEALMENT. FAILURE TO DOTAIN SUCH INSPECTION WILL RESULT IN THE UNCOVERING OF FACILITIES AT THE CONTRACTOR'S EXPENSE. CALL 301-670-8808 OR 301-670-882.7:00 TO 304 OR 310 TO 4200 PM IND WORKING DAYS IN ADVANCE TO ARRANGE INSPECTION.

ALL STREETLIGHT EQUIPMENT AND MATERIALS SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL PRIOR TO BEING INSTALLED ON THE PROJECT. SEE TECHNICAL SPECIFICATIONS.

ALL STREETLIGHTS SHALL BE INSTALLED 2'-6" BEHIND THE FACE OF CURB (UNLESS AS NOTED ON THE PLANS).

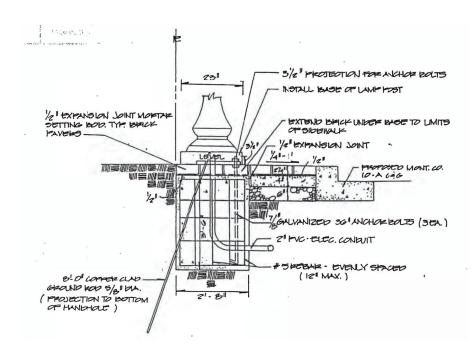
CONTRACTOR FURNISHED EQUIPMENT NOTES:

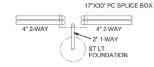
PEPCO TO PROVIDE ENERGY AND CABLING

CONTRACTOR SHALL PROVIDE LUMINAIRES (RELOCATED FROM EXISTING), POLES (RELOCATED FROM EXISTING), PHOTOCELLS, FOOTINGS AND CONDUIT

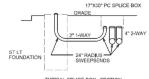
CONTRACTOR TO PROVIDE CONDUIT AS REQUESTED BY PEPCO

REFER TO CONDUIT CHECKLIST FOR ADDITIONAL INFORMATION

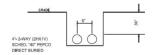




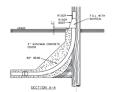
TYPICAL SPLICE BOX - PLANVIEW (N.T.S.)



TYPICAL SPLICE BOX - SECTION (N.T.S.)



MAINLINE TRENCH DETAIL



- CONDUIT DEPARTMENT WILL PLUG DUCT IF RISER IS NOT INSTALLED IMMEDIATELY. CUSTOMER OR CUSTOMER CONTRACTOR EXCAVATING WITHIN FIVE FEET OF A PEPCO OMNO POLE SHALL PERFORM THE WORK UNDER PEPCO SUPPRISION.

TYPICAL STREET LIGHT FOUNDATION ROCKVILLE DETAIL 81



\mathbb{R}

DEPARTMENT OF PUBLIC **ROCK VILL** ROCKVILLE, MARYLAND

C WORKS	DE
_	DF
Ł	C)

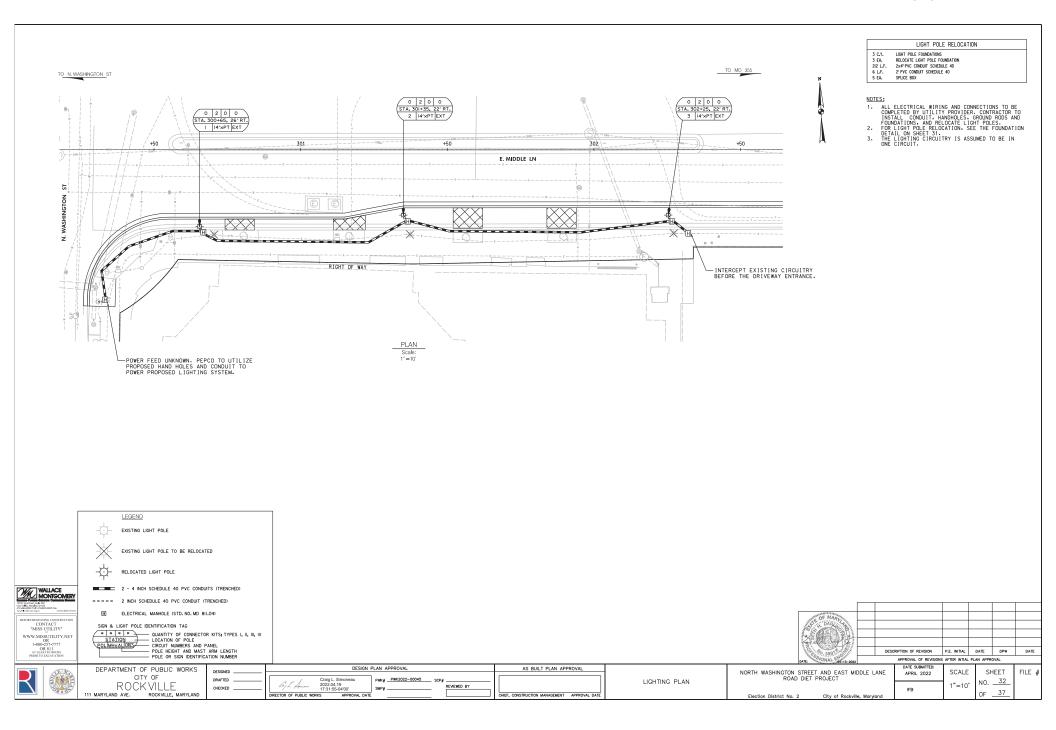
ESIGNED RAFTED a, I. Am HECKED DIRECTOR OF PUBLIC W

	DESIGN F	LAN APPROVAL		AS BUILT PLAN APPROVAL
	Craig L. Simoneau 2022.04.19 17:31:54-04'00'	PWK#PWK2022-00045		
WOR	KS APPROVAL DATE		J	CHIEF, CONSTRUCTION MANAGEMENT APPROVAL DATE
			_	

LIGHTING DETAILS AND NOTES

NORTH WASHINGTON STREET AND EAST MIDDLE LANE ROAD DIET PROJECT Election District No. 2 City of Rockville, Maryland

DESCRIPTION OF REVISION P.E. INITIAL DATE DPW APPROVAL OF REVISIONS AFTER INTIAL PLAN APPROVA SCALE SHEET FILE APRIL 2022 NO. __31 NTS IFB 37



EROSION AND SEDIMENT CONTROL NOTES: (NOV 2016)

- THE APPLICANT MIST OBTAIN INSECTION AND APPROVAL BY THE CITY OF ROCKVILLE DEPARTMENT OF PUBLIC WORKS (OPP) AT THE FOLIDING PROUNTS: PERCOURSED PRECONTROLTION METINGS.

 A. AT THE REQUIRED PRECONSTRUCTION METINGS.
 B. FOLIONING INSTALLATION OF SEDIMENT CONTROL MEASURES AND PRIOR TO ANY OTHER LAND

 - FELLOWING INSTALLATION OF SCUMENT CONTINUE MANAGEMENT STRUCTURE AT THE REQUIRED INSECTION OF SCUMENT BASIN OR STORMMATER MANAGEMENT STRUCTURE AT THE REQUIRED INSECTION POINTS (SEE INSPECTION CHECKLIST ON PLAN). NOTIFICATION PRIOR TO COMMENCING CONSTRUCTION IS MANDATORY.

 - PRIOR TO REMOVAL OR MODIFICATION OF ANY SEDIMENT CONTROL DEVICES.
 PRIOR TO FINAL ACCEPTANCE.
- ALL EROSION CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH APPLICABLE PUBLISHED STANDARDS AND SPECIFICATIONS AND THE MOST CURRENT "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SENDENT CONTROL".
- THE APPLICANT SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE APPROVED PLAN AND CONSTRUCTION SEQUENCE, SHALL HAVE THEN INSPECTED AND APPROVED BY DIP PRIOR TO BEGINNING MY OTHER LAND DISTRIBUTIONS. SHALL EXCENTE THAT ALL RIGHTS FROM DISTRIBUTE AREAS IS DISTRICTED TO THE SEDIMENT CONTROL DEVICES AND SHALL NOT REMOVE ANY EROSION OR SEDIMENT CONTROL MEASURES WITHOUT PRIOR PRIOR SHOULD FINAL DRIVE.
- ANY REQUEST FOR CHANGES TO THE APPROVED SEDIMENT CONTROL PLAN OR SEQUENCE OF CONSTRUCTION MUST BE SUBMITTED TO THE DPW SEDIMENT CONTROL INSPECTOR AND APPROVED BEFORE IMPLEMENTING CHANGES, MAJOR CHANGES WILL REQUIRE A PLAN REVISION.
- THE APPLICANT SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DESPOSITION OF MATERIALS ONTO TRAVERSED PUBLIC THOROUGHFARE(S). ALL MATERIALS DEPOSITED ONTO PUBLIC THOROUGHFARE(S) SHALL BE REMOVED IMMEDIATELY.
- THE APPLICANT SHALL INSPECT DAILY AND MAINTAIN CONTINUOUSLY IN EFFECTIVE OPERATING CONDITION ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL SUCH TIME AS THEY ARE REMOVED WITH PRIOR PERMISSION FROW THE DRW SEDIMENT CONTROL INSPECTOR.
- ALL SEDIMENT BASINS. TRAP EMBANKMENTS. SMALES. PERIMETER DIKES AND PERMANENT SLOPES STEEPER OR EQUAL TO 3-1 SHALL BE STABILIZED WITH SOD. SEED AND ANYOPED STRAW MALED FOR OTHER APPROVED. STABILIZATION MEASURES, WITHIN SEVEN CALEMAN DAYS OF ESTABLESHEMT, ALL AREAS DISTURBED DUTSIDE OF THE PERINETER SCILIENT CONTROL SYSTEM MIST BE WININIZED AND STABILIZED IMMEDIATELY. MINISTRAWCE MIST BE PREFERENDED AS DECESSARY TO ENUISE CONTINUES STABILIZATION. RETSABILIZATION REVORTSEDIOR WILL BE
- THE APPLICANT GRIAL EMPTY COD. SEED AND MICHORED STAM MAG.H. OR OTHER APPROVED STAMILIZATION MEASURES TO MALL DISTRIBED AREAS WITHIN SECHEN 170 LOCALDING BOYS AFTER STIPPIPINE, AND GRADIN ACTIVITIES MAVE CLASSED ON THAT AREA. MINITERMOSE SHALL BE PERFORMED AS NECESSARY TO CHISARE CONTINUED STALLIZATION, AND AREA MINITERMOSE SHALL BE TENDER ACTIVE CONTINUED STALLIZATION. THE ACTIVE CHARGE TO THE MAGNETIC STANILIZATION WITH A CONTINUED STAMILIZED MINISPECTORS. STOCKPILES, WHICH HAVE NOT BEEN USED FOR SEVEN 171 CALEBOAR DATES SHALL BE STABILIZED THROUGH THE APPLICATION OF SOLD SEED. AND ANCHORED STAME MAGNETICATION PROPERTIES THAT LIZED THROUGH THE APPLICATION OF SOLD STANILIZATION.
- PRIOR TO REMOVAL OF SEDIMENT CONTROL MEASURES. THE APPLICANT SHALL STABILIZE ALL CONTRIBUTORY DISTURBED AREA USING SOO OF AN APPROVED PREMARENT SEED MITTURE TITN REQUIRED SOT, MEMORATS AND AN ORDINORS, AREA BROOKET TO FINISHED GRADE DURING THE SEEDIME SEED SHOOKET TO FINISHED GRADE DURING THE SEEDIME SEED SHALL BE FERMANENTY STABILIZED WITHIN SEYEM (17) CALENDAR DAYS OF ESTABLISHMENT, MEEN PROPERTY IS BROUGHT TO FINISHED GRADE DURING THE MONTHS OF WOMERER TRICOUR PERBANARY, AND PROMARMY STABILIZATION IS FORMED TO BE IMPRICITED. APPRINGED TEACHER OF AND STRAM ANCHORD MALE OF APPLIED TO DISTURBED AREAS. THE FINAL PERBANARY STABILIZATION IS FORMED TO BE IMPRICITED.
- 10. THE SITE WORK, MATERIALS, APPROVED SEDIMENT CONTROL AND STORMMATER MANAGEMENT PLANS, AND ANY REQUIRED TEST REPORTS SHALL BE AVAILABLE, AT THE SITE FOR INSPECTION BY DULY AUTHORIZED OFFICIALS OF THE CITY OF ROCVELLE.
- 11. SURFACE DRAINAGE FLOWS OVER UNSTABILIZED CUT AND FILL SLOPES SHALL BE CONTROLLED BY EITHER PREVENTING
 DRAINAGE FLOWS FROM INAVERSING THE SLOPES OR BY INSTALLING MECHANICAL EXPLICES TO LOWER THE WATER
 DOWNSLOPE WITHOUT CLUSING BESION. DIRES SHALL BE INSTALLED AND MINITARIES AT THE TOP OF CUT OF FILL
 SLOPES UNTIL THE SLOPE AND DRAINAGE AREA TO IT HAE FLUTY STABILIZED. AT WHICH TIME THEY MAST BE
 REACHED AND FIRM, CRAINING DOWN TO PROMICE SHEET FLOW DRAINAGE, MECHANICAL DEVICES WAST BE PROVIDED. AT POINTS OF CONCENTRATED FLOW WHERE EROSION IS LIKELY TO OCCUR.
- 12. PERMANENT SWALES OR OTHER POINTS OF CONCENTRATED WATER FLOW SHALL BE STABILIZED WITH SOO OR SEED WITH APPROVED EROSION CONTROL MATTING OR BY OTHER APPROVED STABILIZATION MEASURES.
- TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE REMOVED. WITH PERMISSION OF DPV. WITHIN 30 CALEDONR DAYS FOLLOWING ESTABL SOMENI OF PERMANENT STABLIZATION IN ALL CONTRIBUTIONY DRAINAGE AREAS. IF ESTABLISMENT 8. IS NOT THAL AND MINTOR AS DETERMINED BY THE OPP SEDIMENT CONTROL INSECTION, PORTECTION WILL BE REQUIRED. STORMMERE MANAGERY STRUCTURES USED TREPORARLY FOR SEDIMENT CONTROL SHALL BE CONVERTED TO THE PERMANENT CONTROL SHALL BE CONVERTED.
- 14. NO PROMISED TOT OF FILL SLOPE WITH A GOODING STEEPER THAN 3: WILL BE PROMITTED IN LAW MAINTENANCE AREAS, A SLOPE GOODING TO UP OF 1 WILL BE RESENTED IN AREAS THAT ARE NOT TO BE MINTAINED PROMISED THAT HOBE AREAS ARE INDICATED ON THE ERISION AND SOLDHENT CONTROL PLAN WITH A LOW-ANISTRANCE GOODING OWER SPECIFIED FOR PROMISED STABILIZATION, SLOPE GOODING THERE FIRM 21: WILL NOT BE PREMITTED. WITH VEGETATIVE STABILIZATION
- 15. THE APPLICANT SHALL INSTALL A SPLASH BLOCK AT THE BOTTOM OF EACH DOWNSPOUT UNLESS THE DOWNSPOUT IS CONNECTED BY A DRAIN LINE TO AN ACCEPTABLE OUTLET.
- 16. ALL WATER PUMPED FROM AN EXCAVATION DURING CONSTRUCTION SMALL BE PUMPED EITHER TO SCOINENT TAMES MANUR SCOINENT TAMES. NO WATER WILL BE PUMPED TO THE STORM DRAIN SYSTEM OR SMALE. DE-MATERING SMALL BE REPORMED IN ACCORDANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 17. FOR THISSED GRADING. THE APPLICANT SMALL PROVIDE ALEGUATE CRADIFIETS SO AS TO: 11 PREVENT WATER FROM STROMN OUT THE STREAM OF ITAM MAY ARROWS FRETE THE FIDE OF A RAIPFFALL, EXCEPT THE DESIGNATED BRAINING COURSES AND SMALE FLOW AREAS WHICH MAY DRAIN AS LONG AS HEIGHTS AFTER THE ROS. OF A RAINFALL, AND (2) PROVIDE POSITIVE BRAININGE ARMY FROM LA BUILDING PROGRATIONS OR OPENINGE.
- 18. SEDIMENT TRAPS OR BASINS ARE NOT PERMITTED WITHIN 20-FEET OF A BUILDING, WHICH EXISTS OR IS UNDER CONSTRUCTION. NO BUILDING MAY BE CONSTRUCTED WITHIN 20-FEET OF A SEDIMENT TRAP OR BASIN.
- THE DPW SEDIMENT CONTROL INSPECTOR HAS THE OPTION OF REQUIRING ADDITIONAL SEDIMENT CONTROL MEASURES, IF DEEMED NECESSARY.
- 21. ALL TRAP ELEVATIONS ARE RELATIVE TO THE OUTLET ELEVATION, WHICH MUST BE ON EXISTING UNDISTURBED
- 22. NO CONSTRUCTION VEHICLES SHALL BE DRIVEN WITHIN THE FOOTPRINT OF THE PERMEABLE PAVEMENT. CONTRACTOR TO STABILIZE PERMEABLE PAVEMENT AREAS AT THE END OF EACH WORK DAY. WALLACE MONTGOMERY

- 23. VECETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT MARYLAND STANDARDS
 AND SPECIFICATIONS FOR SOLIC REGISTOR AND SOLIC DELECTION FOR SOLIC REGISTOR AND SOLIC REGISTOR AND
- TEMPORARY SEDIMENT TRAP(S) SHALL BE CLEANED OUT AND RESTORED TO THE ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO A POINT ONE-HALF THE DEPTH BETWEEN THE OUTLET CREST AND THE BOTTOM OF
- 25. SEDIMENT REMOVED FROM TRAPS SHALL BE PLACED AND STABILIZED IN APPROVED AREAS IN SUCH A MANNER THAT IT DOES NOT FOLL EXISTING OR PROPOSED STORM ORALINAGE SYSTEMS OR AREAS ALREADY STABILIZED. SEDIMENT SHALL NOT BE PLACED WITHIN A FLOOD PLAIN OR METLAND.
- 26. ALL SEDIMENT BASING MO TROPS MET DE SUPROMODED WITH A MELDOD HIRE SHETLY FROME. THE FROME MISS MEM PORTS SPACED ON EARTHER AREA! THAN EIGHT-FET IN MEM ESSY DEPAULIS BIO. DEFENDE MISS NO GREATER THAN TWO-THORES IN WIDTH AND FORDE-THORES IN MEDIT WITH A MINIMAM OF 14 GAUGE WIRE. SAFETY FRUE MIST DE MINITAINED IN GOOD CONDITION AT ALL TIMES.
- 27. OFF-SITE SPOIL OR BORROW AREAS MUST HAVE APPROVED SEDIMENT CONTROL PLANS.
- 28. PROTECT ALL TREES TO BE PRESERVED DURING CONSTRUCTION IN ACCORDANCE WITH THE APPROVED FOREST CONSERVATION PLAN.
- 29. THE APPLICANT IS RESPONSIBLE FOR ALL ACTIONS OF CONTRACTOR AND SUBCONTRACTORS, INCLUDING REPAIRING DAMAGE TO SEDIMENT CONTROL DEVICES AND EXISTING INFRASTRUCTURE.
- 30. THE APPLICANT SHALL COMPLY WITH ALL PROVISIONS OF THE NPDES CONSTRUCTION DISCHARGE PERMIT. A COPY OF THE PERMIT AND ALL REQUIRED REPORTS SHALL BE AVAILABLE ON SITE AT ALL TIMES.

GEOTECHNICAL NOTES: (NOV 2016)

- THE APPLICANT SHALL BE RESPONSIBLE FOR ALL SUBGRADE INSPECTION AND COLL COMPACTION TESTING ASSOCIATO WITH ANY MORE WITHIN A CITY ROINTO-MAY, PRIVATE REPORTETY SUBJECT TO A PRICE LOCKES EASEMENT, OR PRIVATE PROPERTY SUBJECT TO CITY EASEMENT FOR PUBLIC UNFORMENT PRIVATE. IN THIS WORM, ASSOCIATED WITH A SOLDWART CONTROL, PART LIVES OR PUBLIC UNFORWERS HANDERS WITH ASSOCIATION FOR THE PUBLIC WITHOUT AND ANY ANY ASSOCIATION AND ASSOCIATION ASSOCIATION AND ASSOCIATION ASS
- ANY PLANS SUBJECT TO INCS-MO POND CODE 378 STANDAMDS/SPECIFICATIONS, AS SHOWN ON THE PLANS, SMALL SUPPESSED THESE NOTES MENT HISES NOTES AND LESS STRINGORY OF IN CASE OF COMPLICT. ANY REFERENCE TO THE ENGINERING STANDAMD/SPECIFICATIONS SMALL BET HE PROFESSIONAL LOWINGER WHO STANDED AND STALLED THE CONTINUE WHO STANDAMD STAND
- ALL INSPECTIONS. TESTS, SUPPORTING DATA, REPORTS, AND CERTIFICATIONS SHALL BE PROVIDED TO THE CITY OF ROCKVILLE DEPARMENT OF PUBLIC MORKS (DPW) AND SHALL BE SALED BY THE GETTERONICAL ENGINEER, DALLY INSPECTION REPORTS. IN PRODUCTS OF THE CITY OF THE CITY OF THE MANY OF THE PROPERTY OF THE THE PUBLIC PROPERTY OF THE AND THE WAY SHALD AND THEN SUBMITTED TO DOWN AT A LAIRED RATE AS ANDEED UPB & THE CITY.
- THE GEOTECHNICAL ENGINEER SHALL APPROVE ALL FILL MATERIALS THAT ARE USED FOR THE PROJECT. THE GEOTECHNICAL ENGINEER SHALL OBTAIN SAMPLES OF PROPOSED FILL METRIALS AND PERFORM ALL REQUIRED TESTING TO DETERMINE THAT FILL MATERIALS ARE IN CONFORMANCE WITH THIS PROPOSED.
- THE GEOTEONICAL ENGINEER SHALL PROVIDE A REPORT THAT CERTIFIES THE SUBGRADE PREPARATION AND FILL/ADDRESSED AGE IN CONFORMANCE WITH THIS PLAN. THE CERTIFICATION PAPELES TO ALL FILL. PREPARES. HIS NO CONFORMANCE WITH THIS PLAN. THE CERTIFICATION PAPELES TO ALL FILL PREPARES. HIS NO CONFORMANCE PROVIDED PRIOR CERTIFICATION FROM THE PROVIDED PRIOR TO THE PLACEMENT OF GRADED AGGREGATE BASE (GAB). ALL OTHER CERTIFICATIONS SHALL BE PROVIDED ASSOCIATED AND CONFORMATION OF THE CITY.
- ALL FILL AND/OR BACKFILL MATERIAL SHALL BE FREE FROM ORGANICS, FROZEN MATERIAL, ROCKS/STONES GREATET THAN DOE AND A HALF INDICES IN ANY DIMENSION, MISTE META, PRODUCT, UNSIGNITY GERRIS, TOXIC MATERIAL, OR OTHER DELETEDING MATERIALS SHALL BE A UNIVAND OF 150 FORMORS FOR LOUIS FOOT FOR THE MANISM MORT DESIST IN CACCORNING TO ANY OF THE MATER THE OFFICE OF THE MAY SO HAVE A LIQUID LIMIT GRATER THAN SO HAVE A CONTINUED ON THE MATER THAN THE ALL OFFI THE MATERIALS THAT DESIST IN CATERORY FOOD THE LAISTS TENTION OF THE MATER THAN STATE HIGHMAY ADMINISTRATION (MSHA) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS.
- COMPACT THE MATERIAL THAT IS ONE FOOT BELOW THE TOP OF SUBGRADE TO AT LEAST 92 PERCENT OF THE MAXIMAN DRY CRESTLY PER ASAITOT—160. COMPACT THE TOP ONE FOOT TO AT LEAST 97 PERCENT OF THE MAXIMAN DRY CRESTLY AND WATER OR OF THE LACER IN ORGER TO COMPACT TO THE EQUITED CONSTITY. GENERALLY THE MATERIAL SHALL BE HITHIN THE PERCENT OF THE OFTIMAN MOISTURE CONTENT BUT MAY BE CONTISTED OF THIS RANGE IT APPROVED BY THE GENERALCAL ENGINEER.
- FILE AND BACKFILL MATERIALS MUST COMPLETELY FILL ALS SPACES UNDER AND ADJACENT TO THE STRUCTURE OF THE ADJACEN ADJACENT THE APPLICANT SHALL STRUCTURE OF THE ADJACEN ADD REPREDIGULAR TO THE PRIVIPAL SPILLANT. BEGOING SHALL BE PROVIDED IN ACCORDANCE WITH RETAILS INDICATED ON the CONSTRUCTION PROVIDED ADJACEN ADJ
- AT A MINIMAN. COMPACTION TESTS SHALL BE COMPLETED FOR EVERY LIFT OF FILL OR BACKFILL. THE TESTING FREDERBY SHALL BE AT LEAST ONCE PER 150. INEAR FEET OF TRENDS OR ONCE PER 1500 SOURCE FEET OF FILL. AT A MINIMAN. THERE SHALL BE AT LEAST ONCE COMPACTION TESTS PER LIFT MAY AN AT LEAST THO COMPACTION TEST PER LIFT MAY AND AT LEAST THO COMPACTION TEST PER LIFT. THE GEOTEONICAL ENGINEER SHALL SUPPLY OFW WITH CERTIFIED COMPACTION TEST RESULTS. INCLUDING CERTIFICATION OF PIPE DEBURNS SURGINOR AND FILL SURGEME.
- THE STREAM OF THE SECURING SOURCE AND FILL SUBGRADE.

 PRIOR ID PLACED ANY PROMOUS FILL DOE FILLS FOR SOURCE OF THE PLAN OF FILL HOT PREPARED BY OTHERS OUTSIDE OF THIS PLAN OF FILL HOT PREPARED BY OTHERS OUTSIDE OF THIS PLAN OF FILL HOT PREPARED UNDER THE SUPERVISION OF THE FILL PREPARED BY OTHERS OUTSIDE OF THE MINIMAN OF FILL HOT PREPARED UNDER THE MEDITAL PROPERTY OF THE PROPER

- OPM MAY APPROVE AN ALTERNATE APPROACH FOR SOIL REMEDIATION/IMPROVEMENT IF IT IS RECOMMENDED AND SEALED BY THE GEOTECHNICAL ENGINEER.
- 11. EXCEPT WEN SPECIFIED. DO NOT PLACE LAYERS EXCEEDING EIGHT-INCHES UN-COMPACTED DEPTH. PLACE THE MATERIAL IN HORIZONTAL LAYERS ACROSS THE FULL WIGHT OF THE EMBANMENT FERFORM ALL DOLLING IN A LOOKITUDIAND INDECTION ALONG THE EMBANMENT SEGION ATTRECUTER EXEC SAM PROPROSES TOWARDS THE CENTER. VARY THE TRAVEL PATHS OF TRAFFIC AND EQUIPMENT OVER THE WIDTH OF THE EMBANMENT TO AID IN GRITAINION UNIFORM COMPACTION.
- 12. UNIFORMLY GRADE AREAS TO A SMOOTH SURFACE, FREE OF IRREGULAR SURFACE CHANGES. GRADE AND PREPARE THE SUBGRADE SECTION TO THE LINES, GRADES. GROSS SECTIONS AND/OR ELEVATIONS SHOWN ON THE PLANS. AT ALL TIMES. MAINTAIN THE SUBGRADE SURFACE IN SUCH COMOITION AS TO READILY DRAIN.
- 13. DO NOT PLACE BACKFILL OR FILL SOIL MATERIAL ON SUBFACES THAT ARE MADDY, FROZEN. OR CONTAIN FROST OR ICC. VEHICULAR AND EQUIPMENT TRAFFIC SHALL BE DISTRIBUTED ACROSS THE PREPARED SUBFACE IN SUCH A MANAMER AS TO PREVENT DISTRIBUTED. FROM THE SUBFACE TO THE SATISFACTION OF THE GOTTOWNICAL EXHIBITED. THE GOTTOWNICAL ENGINEER MUST APPROVE THE STORAGE OR STOCKPILING OF HEAVY LOUSD ON A ROBUMAT SUBGRADULE.

- PROTECT ALL STRUCTURES AND UTILITIES FROM MY DAMAGE IN THE HANDLING, PROCESSING OR COMPACTING OF DEMANDERT OR BADDEFILL MATERIAL. EXERCISE CAUTION NEW ARGRES, RETAINING WALLS, CALVERTS AND UTILITY TREMMES TO PROVENT HOMOSE STRUCTURES TO PROTECT HANDLESS TO STRUCTURES TO PROTECT HANDLESS TO STRUCTURES. TO PROTECT HANDLESS TO STRUCTURES. TO PROTECT HANDLESS TO STRUCTURES. TO PROTECT HANDLESS TO STRUCTURES.
- WHEN PLACING AND COMPACTING EMBANGMENT ON HILLSIDES OR AGAINST EXISTING EMBANGMENT, CONTINUALSLY BENCH THE SLOPES MERGE THE SLOPE IS STEEPER THAN 4:1 WHEN MEASURED AT RIGHT AMORES TO THE ROMBANG THE EMBANGMENT CHEFFIELD, PERFORM THE EMBANGHED GENERALDER TO AS THE EMBANGMENT IS CONSTRUCTED IN LAYER. MINITAIN A BENCH WIDTH OF AT LESS THE-FEET THE-FEET SLOPES OF THE PROPERTY OF THE THE-FEET SLOPES OF THE PROPERTY OF THE THE-FEET SLOPES OF THE PROPERTY OF THE PR
- WHEN PLACING FILL OVER EXISTING PAVEMENT. THOROUGHLY BREAK UP. SCARIFY. OR REMOVE THE PAVEMENT AS SPECIFIED OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
- PRIOR TO THE PLACEMENT OF ASPHALT PAVEMENT, PROOF-ROLL THE COMPACTED GRADED AGGREGATE BASE (CAS) LATER USING A FULLY LOADED UNDER THE PROOF-ROLL THE COMPACTED OF A THE CONTROLL OF THE PROOF-ROLL AND CONTROLL OF A CAPACITY. THE CONTROLL OF THE PROOF AND THE PROOF ROLL OF THE PROOF AND THE PROOF A
- DPW MAT APPROVE AN ALTERNATE APPROACH FOR GAB REWEDLATION/IMPROVEMENT IF IT IS RECOMMENDED AND SEALED BY THE GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER SHALL PROVIDE A SEALED APPROVAL OF THE GAS PRIOR TO PLACEMENT OF A SPHALT. DPW MAY ACCEPT AN ORAL OR EMAIL APPROVAL WHILE THE FINAL APPROVAL AND REPORTS ARE BEING COMPILED AND COMPLETED.

OWNER/DEVELOPER CERTIFICATION

I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION OR DEVELOPMENT. OR ALL OF THESE, WILL BE DONE PURSUANT TO THIS PLAN AND THAT RESPONSIBLE PERSONAL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATION OF TRAINING AT A DEPARTMENT OF THE ENTIFORMENT APPOVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND ERGS ION BEFORE BEGINNING OF THE PROJECT AND THAT APPLY CASHE SEDIMENT CONTROL CONDITIONS AND REQUIREMENTS OF THE CITY OF POCKYLLE AND THE STATE OF MARYLAND AND ITS AGENCIES ARE HEREBY MADE PART OF THIS PLAN.

SIGNATUR	er:	
PRINTED		TITLE:
DATE:		

DESIGN AND QUANTITIES CERTIFICATION

DESIGN AND GOARTHES CERTIFIES CENTIFIES CANTOR CENTIFIES CENTIFICATION CONTIFIES CENTIFICATION CONTIFICATI

SIGNATURE:	Setti Veld						
PRINTED NAME AND TITLE:	SETH H. DARLINGTON, PE						
DATE: MARCH 30, 2022							

TITLE & LICENSE NUMBER: PROFESSIONAL ENGINEER 39917

STABILIZATION NOTE:

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTRBANCE, PERMANENT OR TEMPORARY STABILIZATION WILL BE COMPLETED WITHIN:

THREE CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SMALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1).

SEVEN CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE DEVELOPMENT PROJECT NOT UNDER ACTIVE GRADING.

MAINTENANCE WILL BE PERFORMED. AS NECESSARY, TO ENSURE THAT THE STABILIZED AREAS CONTINUOUSLY MEET THE APPROPRIATE REQUIREMENTS OF THE CURRENT MOE AND CITY STANDARDS AND SPECIFICATIONS.

STANDARD SEQUENCE OF CONSTRUCTION:

- 1. COMPLY WITH THE CITY OF ROCKVILLE'S STANDARD EROSION AND SEDIMENT CONTROL NOTES.
- 2. CITY INSPECTORS RESERVE THE RIGHT TO REQUEST ADDITIONAL MEASURES NOT INCLUDED ON THE PLANS.
- CHANGES TO THE APPROVED PLANS REQUIRE WRITTEN APPROVAL FROM DPW ENGINEERING AND MAY REQUIRE AN APPROVED 'REDLINED' PLAN REVISIONS BEFORE PROCEEDING.

PRE-CONSTRUCTION MEETING:

THE FOLLOWING ITEMS MUST BE COMPLETED PRIOR TO THE PRE-CONSTRUCTION MEETING:

LIMITS OF DISTURBANCE (LOD) AND TREE PROTECTION MEASURES TO BE MARKED/ STAKED OUT IN THE FIELD CONTACT MISS UTILITY AT 1-800-257-7777 OR 811 AND HAVE UTILITIES MARKED IN THE WORK AREA

A PRE-CONSTRUCTION MEETING MUST BE CONDUCTED ON-SITE WITH THE FOLLOWING REPRESENTATIVES. MINIMUM NOTICE OF 48 HOURS MUST BE PROVIDED PRIOR TO MEETING.

- CITY OF ROCKVILLE SEDIMENT AND EROSION CONTROL INSPECTOR: ARTHUR SIMPSON AT 240-314-8879 CITY OF ROCKVILLE CONSTRUCTION INSPECTOR: RALPH MELHINNEY AT 240-314-8533 CITY OF ROCKVILLE FORESTRY INSPECTOR: PAULA PEREZ AT 240-314-8706 ANY OF AGENCY ISSUING A PERMIT PROPERTY OF COMMENS REPREZENTATIVE GENERAL COMMENSOR COMMENS REPREZENTATIVE STREAM.

THE FOLLOWING ITEMS MUST BE DISCUSSED. AS NEEDED. DURING A PRE-CONSTRUCTION MEETING:

- HAUL ROUTES AND MAINTENANCE OF TRAFFIC EXISTING SMM FACILITIES DOWNSTREAM OF PROJECT SWM CONSTRUCTION INSPECTION AND AS-BUILT PROCESS (SEE SWM PLAN) MATER SYSTEM SHUT DOWNS

SITE PREPARATION:

- WITH APPROVAL FROM CITY OF ROCKVILLE SEDIMENT CONTROL. CONSTRUCTION. AND FORESTRY INSPECTORS. INSTALL PERIMETER CONTROLS. TREE PROTECTION MEASURES AND STABILIZED CONSTRUCTION ENTRANCE.
- MITH STEP 1 ABOVE COMPELTE, OBTAIN APPROVAL FROM THE CITY OF ROCKVILLE INSPECTORS TO BEGIN CLEARING AND GRADING AND SITE CONSTRUCTION.

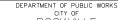
- BEGIN GRUBBING AND ROUGH GRADING. NO STAGING/ STOCKPILE AREA IS DESIGNATED. CONTRACTOR TO DESIGNATE STOCKPILE AREA IF NECESSARY AND OBTAIN ALL NECESSARY PERMITS FOR STAGING/ STOCKPILE AREA.
- BEGIN CONSTRUCTION. WITH APPROVAL FROM THE INSPECTOR, RELOCATE COIP TO PROPOSED INLET I-01 AS SOON AS THE INLET IS CONSTRUCTED.
- 3. FINE GRADE AND TOPSOIL PER STANDARDS AND SPECIFICATIONS FOR TOPSOILING ON THIS PLAN-
- COMPLY WITH ALL REQUIREMENTS OF THE FORESTRY PERMIT. AS APPLICABLE. ONCE THE SITE IS STABILIZED AND WITH THE CITY'S C. INSPECTOR'S PERMISSION. REMOVE THE SEDIMENT CONTROL MEASURES AND STABILIZE THE AREAS DISTURBED BY THEIR REMOVAL.
- 5. OBTAIN FINAL INSPECTION AND SUBMIT AS-BUILT PLANS TO THE CITY OF ROCKVILLE FOR APPROVAL





WWW.MISSUTILITY.NE OR 1-800-257-7777





ROCK VILLE ROCKVILLE, MARYLAND

DESIGNED L.E.W. DRAFTED L.E.W. CHECKED _____C.V.M.

DIRECTOR OF PUBLIC WORKS

Craig L. Simoneau 2022.04.19 17:31:56-04'00'

DESIGN PLAN APPROVAL

SCP# __SCP2022-00014 REVIEWED BY

AS BUILT PLAN APPROVAL CHIEF, CONSTRUCTION MANAGEMENT APPROVAL DATE

EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

NORTH WASHINGTON STREET AND EAST MIDDLE LANE ROAD DIET PROJECT

City of Rockville, Maryland

Election District No. 2

DATE SUBMITTED SCALE SHEET FILE # APRIL 2022 NO. <u>33</u> IFB N.T.S. 37

B-4-5 STANDARDS AND SPECIFICATIONS

FOR

PERMANENT STABILIZATION

To stabilize disturbed soils with permanent vegetation.

Purpose

To use long-lived perennial grasses and legumes to establish permanent grund cover on disturbed soils.

Conditions Where Practice Applies

Exposed soils where ground cover is needed for 6 months or more.

A. Seed Mixtures

- Select one or more of the species or mixtures listed in Table B.3 for the appropriate Plant Hardiness Zone (from Figure B.3) and based on the six condition or purpose found on Table B.2. Enter selected mixture(s), application rates, and sæding dates in the Permanent Seeding Summary. The Summary is to be placed on the plan.
- b. Additional planting specifications for exceptional sites such as shorelines, stream banks, or dunes or for special purposes such as wildlife or resthetic treatment may be found in USDA NRCS Technical Field Office Guide, Section 312 Critical Area Planting.
- c. For sites having disturbed area over 5 acres, use and show the rates recommended by the soil
- d. For areas receiving low maintenance, apply urea form ferilizer (46-0-0) at 3 ½ pounds per 1000 square feet (150 pounds per acre) at the time of seeding in addition to the soil amendments shown in the Pernanent Seeding Summay.

2. Turfgrass Mixtures

- Areas where turfgrass may be desired include lawns, paks, playgrounds, and commercial sites which will receive a medium to high level of maintenance.
- b. Select one or more of the species or mixtures listed below based on the site conditions or purpose. Enter selected mixture(s), application rates, and seeding dates in the Permanent Seeding Summary. The summary is to be placed on the jack.
- Secung sumany: Insumany si to re piacet ou tau jan.
 i. Kentucky Buggass: Full Sum Mixture: For tue in areas that receive intensive management. Irrigation required in the areas of central Maryland and Eastern Slore.
 Recommended Certified Kentucky Bloggrass Cultivos Seculing Rate: 15 to 20 pounds per 1000 square feet. Choose a minimum of three Kantacky bloggrass cultivors with each ranging from 10 o3 Spectred of the total mixture byswite.
- in longing notar 10 %3 yelection one too an anamer by reegan.

 Kentucky Blaegans/Pereninal Ryee, Full Sun Mixture, Fot use in full sun areas where rapid establishment is necessary and when turf will receive medium to intensive management. Certified Pereninal Ryeganse Cultivars/Certified Fetters(de) Blaeganss Senting Ratic 2 pounds mixture per 1000 square feet. Choose a minimum of three Kentucky blueganss cultivass with deal ranging flora 10 x 53 percent of the obtainativate by weights.
- iii. Tall Fecucivistic by Burgaris. Full Sum Meture: For use in drought prone areas and/or for areas receiving low to medium amangement in full sum to medium shade. Recommended inative includes; Certified Tall Tescue Cultivars 50 to 100 percent. Certified Kentucky Illugrass Cultivars 0 to 5 percent. Seeding Rate: 5 to 8 pounds per 1000 square feet. One or more cultivars may be blender.
- iv. Kentucky Bluegrass/Fine Fescue: Shade Mixture: for use in areas with shade in Bluegrass lawns. For establishment in high quality, intensively managed turf area. Mixture includes; Certified Kentucky Bluegrass Cultivars 30 to 40 peccut and Certified Fine Fescue and 60 to 70 percent. Seeding Rate: 1½ to 3 pounds per 1000 square feet.

Notes: Turfgrass varieties should be selected from those listed in the most current University of Maryland Publication, Agronomy Memo #77, "Turfgrass Cultivar Recommendations for Maryland"

Choose certified material. Certified material is the best guarantee of cultivar purity. The certification program of the Maryland Department of Agriculture, Turf and Seed Section, provides a reliable means of consumer protectionand assures a pure genetic line

Western MD: March 15 to June 1, August 1 to October 1 (Hardiness Zones: 5b, 6a)

Central MD: March 1 to May 15, August 15 to October 15 (Hardiness Zone: 6b)

Southern MD, Eastern Shore: March 1 to May 15, August 15 to October 15 (Hardiness Zones; 74, 7b)

- d. Till areas to receive seed by disking or other approved muthods to a depth of 2 to 4 inches, level and rake the areas to prepare a proper seedled. Remore stones and debris over 1½ inches in diameter. The resulting seedbed must be in such condition that future mowing of grasses will pose no difficulty.
- e. If soil moisture is deficient, supply new seedings with alequate water for plant growth (½ to 1 inch every 3 to 4 days depending on soil texture) until they are firmly established. This is especially true when seedings are made late in the platting season, in abnormally dry or hot seasons, or on adverse sites.

nen Seeding Summar

Hardiness Zone (from Figure B.3): 6B Fertilizer Rate 4 WARM SEASON								
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depth:	N	P ₂ O ₅	K ₂ 0	Lime Rate
4 II	SERTONGUE SERVES STACK	15	3/1 - 5/15 5/16 - 6/15	1/4- ½ in	45 pounds per acre (1.0 lb/ 1000 sf)	90 lb/ac (2 lb/ 1000 sf)	90 lb/ac (2 lb/ 1000 sf)	2 tons/ac (90 lb/ 1000 sf)
	A Care	20	3/1 - 5/15 5/16 - 6/15	%- ½ in				
	VECAMA BLO RTE	5	3/1 - 5/15 5/16 - 6/15	%- ½ in				
	22.000	30	1/1 : 1/15 1/1 : 10/15	%- ½ in				
	10.784 SHILL	30	3/1 - 5/15 8/1 - 19/15	¼- ½ it				
	NUCCHASS FOR ARMICASO	20	3/1 - 5/15 8/1 - 19/15	%- ½ ir				

B. Sod: To provide quick cover on disturbed areas (21 grade or flatter)

1. General Specifications

- Class of turfgrass sod must be MarylandState Certified. Sod labels must be made available to the job foreman and inspector.
- b. Sod must be machine cut at a uniform sol thickness of % inch, plus or minus % inch, at the time of cutting. Measurement for thickness must exclude top growth and thatch. Broken pads and ton or uneven ends will not be acceptable.
- Standard size sections of sod must be strong enough to support their own weight and retain their size and shape when suspended vertically with a firm grasp on the upper 10 percent of the
- d. Sod must not be harvested or transplantel when moisture content (excessively dry or wet) may
- e. Sod must be harvested, delivered, anc installed within a period of 36 hours. Sod not transplanted within this period must be approved by an agronomist or soil scientist prior to its installation.

2. Sod Installation

- During periods of excessively high temperature or in areas having dry subsoil, lightly irrigate the subsoil immediately prior to laying the sol.
- b. Lay the first row of soci in a straight line with subsequent rows placed parallel to it and tightly wedged against each other. Stagger lateri Joints to promote more uniform growth and strength. Ensure that soci is not stretched or overlapped and that all joints are butted tight in order to prevent voids which would cause air drying of the roots.
- c. Wherever possible, lay sod with the long siges parallel to the contour and with staggering joints. Roll and tamp, peg or otherwise secure the sod to prevent slippage on slopes. Ensure solid contact exists between sol roots and the underlying soil surface.
- d. Water the sod immediately following rolling and tamping until the underside of the new sod pad and soil surface below the sod are thoroughly wet. Complete the operations of laying, tamping and irrigating for any piece of sod within right hours.

Sod Maintenance

- a. In the absence of adequate rainfall, waterdaily during the first week or as often and sufficiently as necessary to maintain moist soil to a depth of 4 inches. Water sod during the heat of the day
- b. After the first week, sod watering is equired as necessary to maintain adequate moisture
- c. Do not mow until the sod is firmly rootel. No more than % of the grass leaf must be removed by the initial cutting or subsequent cuttings. Maintain a grass height of at least 3 inches unless otherwise specified.

B-4-4 STANDARDS AND SPECIFICATIONS FOR

TEMPORARY STABILIZATION

Definition

To stabilize disturbed soils with vegetation for up to 6 months

To use fast enoughe sweetstion that provides cover on disturbed soils

Conditions Where Practice Applies

osed soils where ground cover is needed for a period of 6 months or less. For longer duration of time nament stabilization practices are required.

Criteria

- Select one or more of the species or seed mixtures listed in Table B.1 for the appropriate Plant Hardiness Zone (from Figure B.3), and enter them in the Temporary Seeding Summary below along with application pries, seeding dates and seeding depths. If this Summary is not put on the plan and completed, then Table B.1 plus fertilizer and linear rates must be put on the plan.
- For sites having soil tests performed, use and show the recommended rates by the testing agency Soil tests are not required for Temporary Seeding.
- When stabilization is required outside of a seeding season, apply seed and mulch or straw mulch
 alone as prescribed in Section B-4-3.B.1.a and maintain until the next seeding season.

Temporary Seeding Summary

	Hardiness Zor Seed Mixture	Fertilizer Rate	Lime Rate				
No.	Species	Application Rate (lb/ac)	Seeding Dates	Seeding Depths	(10-20-20)	James Rate	
	CONTRACTOR SERVICE	40	3/1 - 5/15 8/1 - 10/15	0.5	436 lb/ac (10 lb/1000 sf)		
	MALE AND ADDRESS OF THE PARTY O	56	3/1 - 5/15 8/1 - 10/15	LO.		2 tons/ac	
	GATS GERMAN	12	3/1 - 5/15 8/1 - 10/15	LO.		(90 lb/1000 sf)	
	FORTAL MILLET	30	5/16 - 7/3	0.5	1		







DEPARTMENT OF PUBLIC WORKS CITY OF **ROCK VILLE**

DESIGNED L.E.W. DRAFTED L.E.W. CHECKED ____C.V.M.

DIRECTOR OF PUBLIC WORKS

DESIGN PLAN APPROVAL Craig L. Simoneau 2022.04.19 17:31:57-04'00'

SCP# __SCP2022-00014 REVIEWED BY

AS BUILT PLAN APPROVAL CHIEF, CONSTRUCTION MANAGEMENT APPROVAL DATE EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

NORTH WASHINGTON STREET AND EAST MIDDLE LANE ROAD DIET PROJECT Election District No. 2 City of Rockville, Maryland

DESCRIPTION OF REVISION P.E. INITIAL DATE DPW APPROVAL OF REVISIONS AFTER INTIAL PLAN APPROVAL SCALE SHEET FILE # APRIL 2022 NO. <u>34</u> N.T.S. IFB 37

B-4-2 STANDARDS AND SPECIFICATIONS

FOR

SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS

The process of preparing the soils to sustain adequate vegetative stabilization

Criteria

Conditions Where Practice Applies

Where vegetative stabilization is to be established.

A. Soil Preparation

1. Temporary Stabilization

- a Seeded operation consists of loosening soil to a depth of 3 to 5 inches by menus of withble agricultural or construction equipment, such as disc harrows or chief plows or rippers measure on construction equipment. After these lost is loosened, if sum not to be rolled or draged smooth but left in the roughemed condition. Skepes 3:1 or flatter are to be tracked with ridges running parallel to the contour of the adopt.
- Apply fertilizer and lime as prescribed on the plans.
- c. Incorporate lime and fertilizer into the top 3 to 5 inches of soil by disking or other suitable

2 Dermanent Stubilization

- A soil test is required for any earth disturbance of 5 acres or more. The minimum soil conditions required for permanent vegetative establishment are:
- i. Soil pH between 6.0 and 7.0.
- ii. Soluble salts less than 500 parts per million (ppm)
- iii. Seil contains less than 40 percent clay but enough fine grained material (greater than 30 percent slit plus clay) to provide the capacity to bold a moderate amount of moisture. An exception: if lovegrass will be planted, then a sandy soil (less than 30 percent slit plus clay) would be acceptable.
- v. Soil contains sufficient pore space to permit adequate root penetration
- b. Application of amendments or topsoil is required if on-site soils do not meet the above
- Graded areas must be maintained in a true and even grade as specified on the approved plan, then scarified or otherwise loosened to a depth of 3 to 5 inches.
- d. Apply soil amendments as specified on the approved plan or as indicated by the results of a soil
- one.

 Mix soil amendments into the top 3 to 5 inches of soil by disking or other unitable means. Rule laws areas to smooth the surface, remove large objects the stones and branches, and mosty the area for used application. Lonous surfaces saily designed with a barych bain order equipment to results the surfaces where site conditions will not premit normal soedhod preparation. Track dapped; 3 Let effect with reached equipment gring the still an interprise confloion with regions are large and the surface of the stone. Leave the top 1.0 is inches of soil loose and faishle. Seedhed koosening suple trausnessing area with white areas.

- Topsoil is placed over prepared subsoil prior to establishment of permanent vegetation. The purpose
 is to provide a suitable soil medium for vegetative growth. Soils of concern have low moisture
 content, low mrinitual tevels, low plft, materials toxic to plants, and/or unacceptable soil gradation.
- Topsoil salvaged from an existing site may be used provided it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-NRCS.
- 3. Topsoiling is limited to areas having 2:1 or flatter slopes where:
- The texture of the exposed subsoil/narent material is not adequate to produce vegetative arowth.
- The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
- c. The original soil to be vegetated contains material toxic to plant growth.
- d. The soil is so acidic that treatment with limestone is not feasible.
- 4. Areas having slopes steeper than 2:1 require special consideration and design. 5. Topsoil Specifications: Soil to be used as topsoil must meet the following criteria:
- a. Toposit must be a losin, sandy losin, chy losin, sill losin, sandy chy losin, el losiny sond. Other soils may be used if recommended by an agentomist or soil scientist and approved by the appropriate approval authority. Toposit intant to be a natituse of contanting textured subsolida and must contain loss than 5 percent by volume of cioders, stoors, slag, coarse fragments, gravel, sides, crook, reads, or other materials larger than 19 includes in disturbant process.
- Topsoil must be free of nexious plants or plant parts such as Bernauda grass, quack grass, Johnson grass, nut sedge, poison ivy, thistle, or others as specified.
- Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist
 and approved by the appropriate approval authority, may be used in lieu of natural topsoil.

6. Topsoil Application

- a. Erosion and sediment control practices must be maintained when applying topsoil.
- a. Larsoon and softment control practices must be manthemed when applying bepoil.
 b. Uniformly distribute topoid in a 5 of inic helpy and highly compact to a minimum thickness of 4 inches. Spreading is to be performed in such a numer that sodding or secding can proceed with a minimum of additional soll preparation and illage. Any irregularistic in the surface resulting from topositing or other operations must be corrected in order to prevent the fermation of deprecisions or water pockets.
- c. Topsoil must not be placed if the topsoil or subsoil is in a frozen or maddy condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedled preparation.

Soil Amendments (Fertilizer and Lime Specifications)

- Soil tests must be performed to determine the exact ratios and application rates for both lime and fertilizer on sites having disturbed areas of 5 scres or more. Soil analysis may be performed by a recognized private or commercial laboratory. Soil samples taken for engineering purposes may also be used for chemical analyses.
- Or tenti not cutentum analyses.
 2. Fertilizers must be uniform in composition, five flowing and suitable for accurate application by appropriate equipment. Manuse may be substituted for fartilizer with prior approval from the appropriate approval authority. Fertilizers must all be delivered to the site fully labeled according to the applicable laws and must be then the rame, trade name or trademark and warranty of the producer.
- 3. Lime materials must be ground limestone (hydrathed or burnt lime may be substituted except when hydrocoeding) which contains at least 50 percent total oxides (calcium oxide plus magnesium oxide). Limestone must be ground to such fineness that at least 50 percent will pass through a #100 mesh sieve and 98 to 100 percent will pass through a #20 mesh sieve.
- Lime and fertilizer are to be evenly distributed and incorporated into the top 3 to 5 inches of soil by disking or other suitable means.
- Where the subsoil is either highly acidic or composed of heavy clays, spread ground limestone at the rate of 4 to 8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil.

B-4-3 STANDARDS AND SPECIFICATIONS FOR

SEEDING AND MULCHING

The application of seed and mulch to establish vegetative cover.

To protect disturbed soils from erosion during and at the end of constru

Conditions Where Practice Applies

To the surface of all perimeter controls, slopes, and any disturbed area not under active grading.

Criteria

- a. All seed must meet the requirements of the Maryland State Seed Law. All seed must be sub An seed miss meet the requirements of the sharyand Sone-Seed Law. An seed miss to subject to re-testing by a recognized seed inbountery. All seed under nata have been tested within the 6 months immediately preceding the dare of sowing such materal on any project. Refer to Table RA regarding the guality of seed. Seed tage must be available upon request to the inspector to verify type of seed and seeding rate.
- Mulch alone may be applied between the fall and spring seeding dates only if the ground is frozen. The appropriate seeding mixture must be applied wher the ground thaws.
- Incodents: The incodents for using largement seed in the set for ground thanks. Incodents: The incutation for training largement seed in the seed mixtures must be a pure culture of attraogen fixing bacteria prepared specifically for the species. Incodents must not be used to the seed of the se
- Sed or seed must not be laplaced on soil which has been treated with soil sterilants or eleminedo used for weed control until sufficient time has elapsed (14 days min.) to permit dissipation of phyto-toxic materials.

- a. Dry Seeding: This includes use of conventional drop or broad:ast spreaders
- Incorporate seed into the subsoil at the rates prescribed in Temporary Seeding Table B.1, Permanent Seeding Table B.3, or site-specific seeding summaries.
- Apply seed in two directions, perpendicular to each other. Apply half the seeding rate in each direction. Roll the seeded area with a weighted riller to provide good seed to sed
- h Drill or Oultimacker Sanding: Machanized sanders that seeks and cover sand with sail
- Cultipacking seeders are required to bury the seed in sucha fashion as to provide at least 1/4
 inch of soil covering. Seedbed must be firm after planting
- Apply seed in two directions, perpendicular to each other. Apply half the seeding rate in each direction.
- e. Hadrogoodine: Analy seed uniformly with hadrogooder (slum includes seed and fertilizer).
- If fertilizer is being applied at the time of seeding, the application rates should not exceed the following: nitrogen, 100 pounds per acre total of soluble nitrogen; P₂O₃ (phosphorous), 200 pounds per acre; Ko() (potassium), 200 pounds per ace.
- Lime: Use only ground agricultural limestone (up to 3 tons per acre may be applied by hydrosecding). Normally, not more than 2 tons are applied by hydrosecding at any one time. Do not use burnt or hydrated lime when hydrosecding. iii. Mix seed and fertilizer on site and seed immediately and vithout interruption.
- iv. When hydroseeding do not incorporate seed into the soil.

- Straw consisting of theorogably threshed wheat, rye, out, or basey and reasonably bright in color.

 Straw is to be free of noxious weed seed as specified in the haryland Seed Law and not musty,
 moldy, calced, decuyed, or executively dusty. Note: Use only sterile straw mulch in areas
 where one species of grass is desired.
- Wood Cellulose Fiber Mulch (WCFM) consisting of specially prepared wood cellulose processed into a uniform fibreus physical state.
- WCFM is to be dyed green or contain a green dye in the package that will provide an appropriate color to facilitiste visual inspection of the uniformly spread sturry.
- ii. WCFM, including dve, must contain no germination or growth inhibiting factors.
- WCFM material must not contain elements or compouns at concentration levels that will be phyto-toxic.
- v. WCFM must conform to the following physical acquirements: fiber length of approximately 10 millimeters, diameter approximately 1 nillimeter, pH range of 4.0 to 8.5, ash content of 1.6 percent maximum and water holding cosocity of 90 percent minimum.
- Application: Apply mulch to all seeded areas immediately after seeding.
- A. When stress made is used, quest fover all seeded areas of the rate of 2 was per area to a vegetation must be active made in the soil surface is not expected. When using a midst suchers assume demotistation and upon to the soil surface is not expected. When using a midst suchers in the confinement of the soil surface is not expected. When using a midst suchers good increase the accommonstrate with Section B-4 Venetative Stabilization.
- Wood cellulose fiber used as mulch must be applied at a net day weight of 1500 pounds po Mix the wood cellulose fiber with water to attain a mixture with a maximum of 50 pou wood cellulose fiber per 100 gallons of water.
- Anchoring: Perform mulch anchoring immediately following application to minimize loss by wins or water. This may be done by one of the following methods (listed by preference), depending upon the size of the area and erosion lazard:
- ure stare or use more anne recommendation.

 A. A malch anectoring tool is a starter drawn implement designed to punch and anchor mulch into the soil surface a minimum of 2 inches. This practice is most effective on large areas, but is limited to flatter slopes where equipment can operate safely. If used on sloping land, this practice should be used on the contour if possible.
- b. Wood cellulose fiber may be used for anchoring straw. Apply the fiber binder at a net day weight of 750 poemds per aree. Mix the wood cellulose fibe with water at a maximum of 50 pounds of wood cellulose fiber per 100 gallens of water.
- pounts of wood ceitations inter per 100 gathens of water.

 Synthetic binders such as Accylic DER (Agao-Tuckl, DCA70, Petroset, Terra Tax II, Terra
 Tack AR or other approved equal may be used. Follow aplication rates as specified by the
 munifacturer. Application of liquid binders needs to be heavier at the edges where wind catches
 mulch, such as in valleys and on crests of banks. Use of asphit binders is strictly probabilised.
- d. Lightweight plastic netting may be stapled over the mulch according to manufacturer recommendations. Netting is usually available in rolls 4 to 15 feet wide and 300 to 3,000 feet

B-4-6 STANDARDS AND SPECIFICATIONS

FOR

SOIL STABILIZATION MATTING Definition

Material used to temporarily or permanently stabilize channels or steep slopes until groundcover is established. A mound or pile of soil protected by appropriately designed erosion and sediment control mee

Purpose

To protect the soils until vegetation is established.

Conditions Where Practice Applies

On newly seeded surfaces to prevent the applied seed from washing out; in channels and on steep slopes where the flow has crosive velocities or conveys clear water; on temporary swales, earth dikes, and perinneter dike. Stockpile areas are utilized when it is necessary to salvage and store soil for later use. answ mas eroseve venocines or conveys ciear water; on temporary swates, earth dices, and perimeter dike ales as required by the respective design standard; and, on stream banks where moving water is likely to wash

- The soil stabilization matting that is used must withstend the flow velocities and shear st determined for the area. Designate on the plan the type of soil stabilization matting usin standard symbol and include the calculated shear stress for the respective treatment area.
- Maiting is required on permanent channels where the runoff velocity exceeds two and half feet per second (2.5 fps) or the shear stress exceeds two pounds per square foot (2 Bu/dr). On temporary channels discharging to a sediment trapping practice, provide matting where the runoff velocity exceeds four feet per second (4 fps).
- Temporary soil stabilization matting is made with degradable (lasts 6 months minimum), natural, or manusade fibers of uniform thickness and distribution of fibers throughout and is smolder resistant. The maximum permissible velocity for temporary matting is 6 feet per second.
- Permanent soil stabilization matring is an open weave, synthetic material consisting of degradable fibers or elements of uniform thickness and distribution of veave throughout maximum permissible velocity for permanent matring is 8.5 feet per second.
- 5. Calculate channel velocity and shear stress using the following procedure:

- $\tau = \gamma \cdot \mathbf{R} \cdot \mathbf{S}_w$ where:

 - τ = Shear Stress (lb/ft²) γ = Weight Density of Water (62.4 lb/ft²) R = Average Water Depth (Hydraulic Rad S_w = Water Surface Slope (ft/ft)

Velocity (v) measures the rate of flow through a defined area and is calculated as:

- $v = \frac{1.486 R^{\frac{3}{2}} s^{\frac{1}{2}}}{1.486 R^{\frac{3}{2}}}$
- v = Velocity (ft/sec) n = Mamning's Roughness Coefficient R = Hydraulic Radius (ft) S = Channel Slope (ft/ft)
- Use Table B.7 to assist in selecting the appropriate soil stabilization matting for slope applications based on the slope, the slope length, and the soil-erodibility K factor.

Tuble R 7: Sail Stabilization on Slones

Slope	20:1 or Flatter (≤5%)		<20:1 to 4:1 (>5 - 25%)		<4:1 to 3:1 (>25 - 33%)		<3:1 to 25:1 (>33 - 48%)			<2.5:1 to 2:1** (>40 - 50%)					
Slope Length (feet)*	0-30	30-60	60-120	0-30	30-60	60-120	0-30	30-60	60-120	0-30	30-60	60-120	0-30	30-60	60-12
Straw Mulch/Wood Cellulose Fiber				for K S 0.35***											
Temporary Matting with Design Shear Stress ≥ 1.5 lb/sf															
Temporary Matting with Design Shear Stress ≥ 1.75 lb/sf															
Temporary Matting with Design Shear Stress ≥ 2.0 lb/sf															
Temporary Matting with Design Shear Stress ≥ 2.25 lb/sf															

- **Slopes steeper than 2:1 must be engineered.

 **Slopes steeper than 2:1 must be engineered.

 **Solid having a K value less than or equal to 0.35 can be stabilized effectively with straw mulch or wood cellulose fiber when located on slones greater than 5%. Soil stabilization matting is equired on all slop collabors (fire when located on alopes grater than 9%. Soil subhilation aming in squired and allogou-prairer than 9% that have out with a fixed greater than 20%. Soil terminage in waiting in squired and allogou-prairer than 9% that have out with a fixed greater than 20%. So, it for riminage are splinbold in the NRCS Soil Survey. During construction or reclamation, the soil-crodibility K whose bound represent the paper of indexs of the final fill matterial severages as the set lift. Only the effects of refs. (fingeness within the soil profile are considered in the estimation of the K value. Do not adjust X values to account for rocks on the soil surface or increases in other opinies intert related to management activities.

B-4-8 STANDARDS AND SPECIFICATIONS

FOR STOCKPILE AREA

Definition

Purpose

To provide a designated location for the temporary storage of soil that controls the potential for ension, sedimentation, and changes to drainage patterns.

Conditions Where Practice Applies

Criteria

- 1. The stockpile location and all related sediment control practices must be clearly indicated on the
- The footprint of the stockpile must be sized to accommodate the anticipated volume of material and based on a side slope ratio no steeper than 2:1. Benching must be provided in accordance with Standard B-3 Land Grading.
- 3. Runoff from the stockpile area must drain to a suitable sediment control practice.
- 4. Access to the stocknile area should be from the uperade side.
- Clear water runoff into the stockpile area must be minimized by use of a diversion device such as an earth dike, temporary swale or diversion fence. Provisions must be made for discharging concentrated flow in a non-crossive manner.
- Where runoff concentrates along the toe of the stockpile fill, an appropriate erosion/sediment control practice must be used to intercept the discharge.
- Stockpiles must be stabilized in accordance with the 3/7 day stabilization requirement as well as Standard B-4-1 Incremental Stabilization and Standard B-4-4 Temporary Stabilization.
- If the stockpile is located on an impervious surface, a liner may be provided below the stockpile to facilitate cleanup. Stockpiles containing contaminated material must be covered withinpermeable

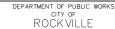
The stockpile area must continuously moet the requirements for Adequate Vegetative Establishment in accordance with Section B-4 Vegetative Stabilization. Side slopes must be maintained at no steeper than a 2-d ratio. The stockpile area must be kept for of crossion. If the ortical height of a standple neconds 3 feet for 22-slopes, 30 feet for 3:1 slopes, or 40 feet for 4:1 slopes, benching must be provided in accordance with Section B-3

NOTE:

NO STAGING/ STOCKPILE AREA IS DESIGNATED. CONTRACTOR TO DESIGNATE STOCKPILE AREA IF NECESSARY AND OBTAIN ALL NECESSARY PERMITS FOR STAGING / STOCKPILE AREA.







ROCKVILLE, MARYLAND

DESIGNED L.E.W. DRAFTED L.E.W. CHECKED ____C.V.M.

G/L A 2022.04.19 DIRECTOR OF PUBLIC WORKS

Craig L. Simoneau 17:31:58-04'00'

DESIGN PLAN APPROVAL

SCP# SCP2022-00014 REVIEWED BY

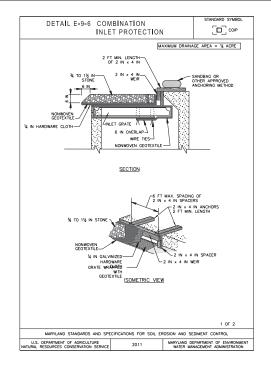
AS BUILT PLAN APPROVAL CHIEF, CONSTRUCTION MANAGEMENT APPROVAL DATE

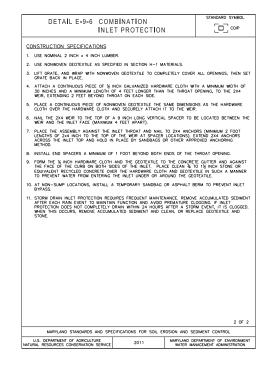
EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

NORTH WASHINGTON STREET AND EAST MIDDLE LANE ROAD DIET PROJECT Election District No. 2 City of Rockville, Maryland

DESCRIPTION OF REVISION P.E. INITIAL DATE DPW APPROVAL OF REVISIONS AFTER INTIAL PLAN APPROVAL DATE SUBMITTED SCALE SHEET FILE # APRIL 2022 NO. <u>35</u> N.T.S. IFB 37













DESIGNED .. DRAFTED _ CHECKED _

1 E W	
L.E.W.	
CVM	
U+ + + m+	DIRE

	DESIGN F	PLAN APPROVAL
ajt An	Craig L. Simoneau 2022.04.19 17:31:59-04'00'	PWK#
DIRECTOR OF PUBLIC WOR	KS APPROVAL DATE	

CP#	SCP2022-00014		
	REVIEWED BY		
		CHIEF, CONSTRUCTION MANAGEMENT	APPROVAL DATE

AS BUILT PLAN APPROVAL

EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

DATE: S/ONAL E04-13-2022	APPROVAL OF REVISIONS	AFTER INTIAL PL	AN APPROVAL
NORTH WASHINGTON STREET AND EAST MIDDLE LANE ROAD DIET PROJECT	DATE SUBMITTED: APRIL 2022	SCALE	SHEET NO 36
Election District No. 2 City of Rockville, Maryland	IFB	N.T.S.	NO36_ OF37_

DATE DPW DATE AN APPROVAL

FILE #

