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PROJECT MANAGER SURVEYED BY, DATE DESIGN BY \_\_\_\_\_\_SUBSURFACE UTILITY

FOR INDEX OF SHEETS SEE SHEET 2



FHWA-534-PPMS-

STATE	FEDERAL AID	STATE		SHEET
STATE	PROJECT	ROUTE	PROJECT	NO.
VA.		1	UPC 119088 SEE TABULATIONS BELOW FOR SECTION NUMBERS	1

# FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA Fr: 1-495 To: WILKES ST. D (%) (design hour) T (%) (design hour)

# CITY OF ALEXANDRIA

# ROUTE 1 SOUTH MEDIAN PROJECT

65% SUBMISSION NOVEMBER 2024

SOUTH PATRICK STREET

**AREA MAP** 

TIER 1 PROJECT

LOCALLY ADMINISTERED PROJECTS NAME OF LOCALITY NAME OF RESPONSIBLE LOCAL GOVERNMENT OFFICAL (TYPED) RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION TITLE OF POSITION NAME OF RESPONSIBLE LOCAL GOVERNMENT OFFICAL (TYPED) RECOMMENDED FOR APPROVAL FOR CONSTRUCTION DATE TITLE OF POSITION

RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION DISTRICT PLANNING AND INVESTMENT MANAGER DISTRICT PROJECT DEVELOPMENT ENGINEER APPROVED FOR RIGHT OF WAY ACQUISITION DISTRICT ENGINEER/ADMINISTRATOR

8150 LEESBURG PIKE

**SUITE 630** 

**VIENNA, VA 22182** 

Hunt (703) 942-8900 WWW.MEADHUNT.COM

	RECOMMENDED FOR APPROVAL FOR CONSTRUCTION
DATE	DISTRICT PLANNING AND INVESTMENT MANAGER
DATE	DISTRICT PROJECT DEVELOPMENT ENGINEER
AF	PPROVED FOR CONSTRUCTION
DATE	DISTRICT ENGINEER/ADMINISTRATOR

Copyright 20 , Commonwealth of Virginia

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ALL CURVES ARE TO BE SUPERELEVATED, TRANSITIONED AND WIDENED IN ACCORDANCE WITH STANDARD TC-5.IIU, EXCEPT WHERE OTHERWISE NOTED.

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THE <u>ORIGINAL</u> APPROVED TITLE SHEET(S), INCLUDING ORIGINAL SIGNATURES, IS FILED IN THE VDOT CENTRAL OFFICE PLAN LIBRARY. ANY MISUSE OF ELECTRONIC FILES, INCLUDING SCANNED SIGNATURES, IS ILLEGAL AND ENFORCED TO THE FULL EXTENT OF THE LAW.

MAINTENANCE OF PROPOSED IMPROVEMENTS TO BE THE RESPONSIBILITY

EXISTING MANHOLE FRAMES AND COVERS SHALL BE ADJUSTED OR REPLACED TO COMPLY WITH ADA/PROWAG

ASSEMBLY AS AWARDED. INCLUDING ALL SUBSEQUENT REVISIONS. WILL BE THE OFFICIAL CONSTRUCTION PLANS. FOR INFORMATION

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT'S 2020 ROAD AND BRIDGE SPECIFICATIONS. 2016 ROAD AND BRIDGE STANDARDS, REVISED APRIL 2024, 2009 MUTCD, 2011

RELATIVE TO ELECTRONIC FILES AND LAYERED PLANS. SEE GENERAL NOTES.

VIRGINIA SUPPLEMENT TO THE MUTCD, 2011 VIRGINIA WORK AREA PROTECTION MANUAL AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE

THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN

ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

OF THE CITY OF ALEXANDRIA

NECESSARY BY THE DEPARTMENT.

CONVENTIONA	AL SIGNS	
STATE LINE COUNTY LINE CITY, TOWN OR VILLAGE RIGHT OF WAY LINE FENCE LINE UNFENCED PROPERTY LINE FENCED PROPERTY LINE WATER LINE SANITARY SEWER LINE GAS LINE ELECTRIC UNDERGROUND CABLE TRAVELED WAY GUARD RAIL RETAINING WALL RAILROADS BASE OR SURVEY LINE	LEVEE OR EMBANKMENT BRIDGES CULVERTS DROP INLET POWER POLES TELEPHONE OR TELEGRAPH POLE TELEPHONE OR TELEGRAPH LINES HEDGE TREES HEAVY WOODS GROUND ELEVATION GRADE ELEVATION UTILITY MANHOLE	TI-EST-MINIMENTALITIMAL SHIMADARINA MINIMET SHIMT  PROPERTY PROPERTY OF THE PR

SITE LOCATION

LENGTH, NAGHUDING D.27 LENGTH EXCLUDING BRIDGE(S) FROM 0.07 MI. SOUTH OF FRANKLIN ST FEDERAL AID TYPE PPMS TO O. DYPEMI. NORTH OF WILKES DETSCRIPTION I PROJECT SECTION PROJECT NO. CODE NO. MILES FEET MILES FEET

POPULATION \_\_\_, (\_\_\_ CENSUS)

NOTE: PROJECT LENGTH BASED ON CONSTRUCTION BASELINE

VIRGINIA

CITY OF ,

	DATE		
REVISIONS	BY DESCRIPTIC		

PROJECT

SHEET

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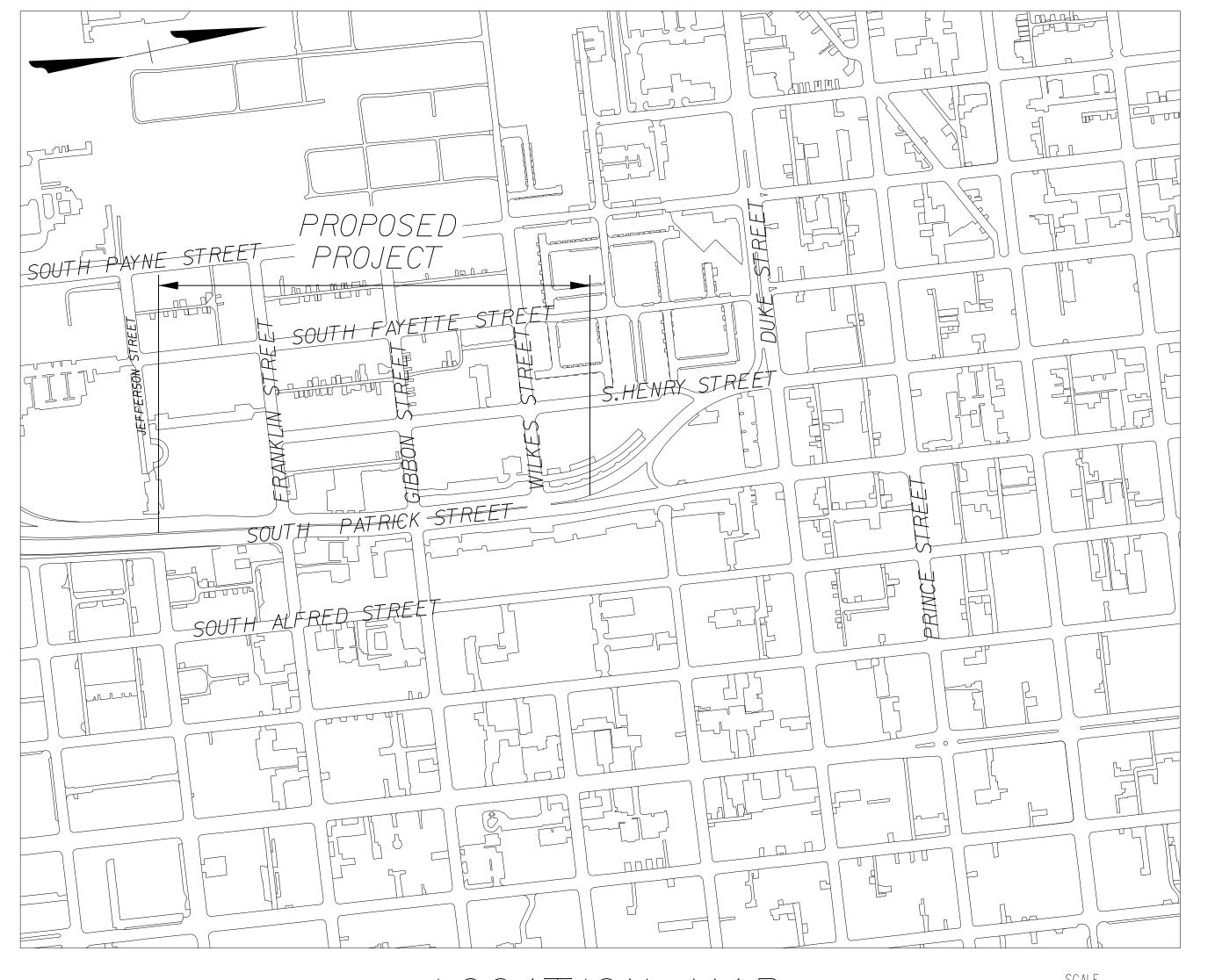
OF

37

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SHEET NUMBER DESCRIPTION OF SHEETS

PROJECT INDE	EX OF	SHEE	TS	
VDOT PROJEC	° °			
SHEET NO.	/			TITLE SHEETS
SHEET NO.	2			INDEX OF SHEETS AND PROJECT LOCATION MAP
SHEET NO.	3			REVISION DATA SHEET
SHEET NO.	4			SURVEY AND CONSTRUCTION ALIGNMENT DATA SHEET
SHEET NO.	5			TMP
SHEET NO.	6			GENERAL NOTES
SHEET NO.	7			TYPICAL SECTIONS
SHEET NO.	8	TO	10	SWPPP SHEETS
SHEET NO.	//	TO	13	EXISTING CONDITION PLANS
SHEET NO.	14	TO	16	DEMOLITION PLANS
SHEET NO.	/7			DETAILS
SHEET NO.	18	TO	20	PLAN SHEETS
SHEET NO.	21	TO	27	RADIAL OFFSET SHEETS
SHEET NO.	28	TO	30	EROSION SEDIMENT PLANS
SHEET NO.	3/	TO	33	SIGNAL PLANS
SHEET NO.	34	TO	36	SIGNING AND MARKING PLANS
SHEET NO.	37			LANDSCAPE NOTES AND DETAILS



LOCATION MAP

AIR

OF ALEXANDRIA, VIRGINIA
IMENT OF PROJECT IMPLEMENTATION
301 KING STREET
ALEXANDRIA, VIRGINIA 22314

CITY OF /

REVISIONS BY DESCR

DATE

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60% DESIGN

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SOUTH MEDIAN PROJECT ROUTE

SN

8150 LEESBURG PIKE SUITE 630 VIENNA, VA 22182 (703) 942-8900 WWW.MEADHUNT.COM

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SHEET

3 OF 37

N/A

NORTHING

EASTING

Element: Circular

Radial Direction:

Tangent Direction:

ENT DATA			
	DATA		

STAT/ON

N 53°42′58.77" E

N 36°17′01.23" W

NORTHING

EASTING

US ROUTE LALIGNMENT	115	ROUTE	$I \wedge I / G \wedge I M = \Lambda I T$

Element: Linear

STATION

120.90

N 11°50′15.71" E

S 78°09′44.29" E

N 13°56′14.20" E

S 73°57′47.30" E

N 16°02′12.70″ E

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Chord:

External:

Middle Ordinate:

Tangent Direction:

Radial Direction:

Chord Direction:

Radial Direction:

Tangent Direction:

NORTHING

EAST/NG

POB	10+00.00	6976642.8680	11895527.6572	PRC	16+96.40	6977323.4447	//895674.8300	PC	24+25.49	6978042.4036	11895793.6926
PC	15+75.47	6977206.1039	11895645.7101	PI	17+74.47	6977398.4766	11895696.3973	PI	26+49.30	6978263.7079	11895827.1310
Tangent Direction	: N 11°50′15.71" E			CC		6977654.9516	11894521.5290	CC		6978123.3789	11895257.7757
Tangent Length:	575.47			PT	18+52.32	6977475.6705	11895708.0611	PT	28+50.00	6978444.1256	11895694.6802
Element: Circular				Radius:	1200.00			Radius:	542.00		
PC	15+75.47	6977206.1039	11895645.7101	Delta:	7°26′40.73" Left			Delta:	44°52′33.19" Left		
PI	6+35.97	6977265.3081	//895658.//9/	Degree of Curvature(Arc):	4°46′28.73"			Degree of Curvature(Arc):	10°34′16.24"		
CC	6976867.6228	6976867.6228	11897260.6189	Length:	155.92			Length:	424.51		
PRC	16+96.40	6977323.4447	11895674.8300	Tangent:	78.07			Tangent:	223.82		
Radius:	1650.00			Chord:	155.81			Chord:	413.74		
				Middle Ordinate:	2.53			Middle Ordinate:	41.03		
Delta:	4°11′56.99" Right			External:	2.54			External:	44.39		
Degree of Curvature(Arc):	3°28′20.90″			Tangent Direction:	N 16°02′12.70" E			Tangent Direction:	N 8°35′31.96" E		
Length:	120.93			Radial Direction:	S 73°57′47.30" E			Radial Direction:	S 81°24′28.04" E		
Tangent:	60.49			Chord Direction:	N 12°18′52.33" E			Chord Direction:	N 13°50′44.63" W		

S 81°24′28.04" E

N 8°35′31.96" E

STATION

Element: Linear

Radial Direction:

Tangent Direction:

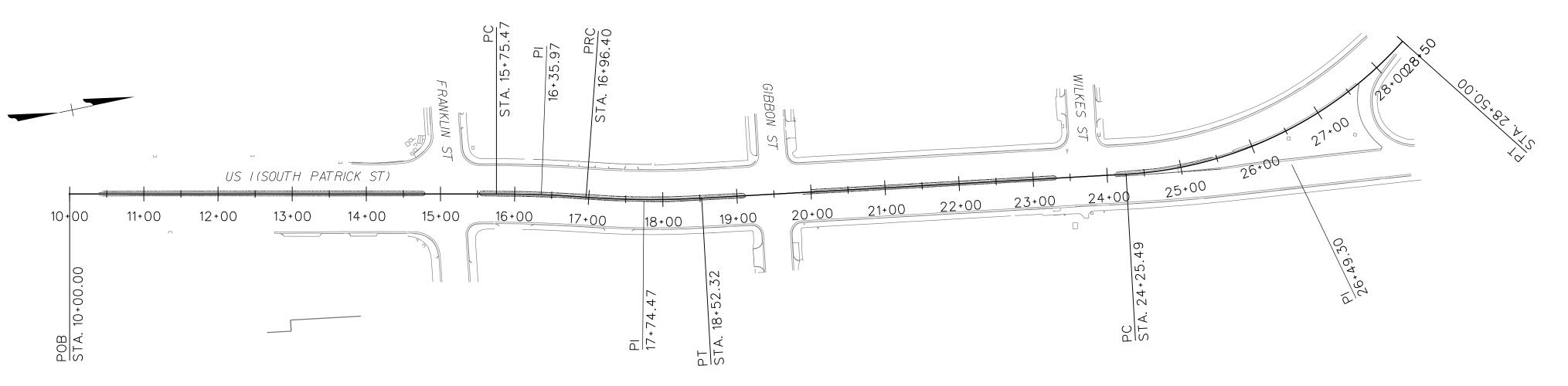
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 PT
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 6977475.6705
 11895708.0611

 PC
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 6978042.4036
 11895793.6926

 Tangent Direction:
 N8°35′31.96" F

Tangent Direction: N8°35′31.96″ E Tangent Length: 573.1659



WALEX.

CITY OF ALEXANDRIA, VIRGINIA DEPARTMENT OF PROJECT IMPLEMENTATION 301 KING STREET ALEXANDRIA, VIRGINIA 22314

CT NO.: 2663

DATE BY DESCRIPTION

JANCE: \_\_\_

CT ID.: \_\_

DATE: \_\_

NKE DATE OF PLAN ISSUAN
CONSULTANT PROJECT
DESIGNED BY: SK\_D,
DRAWN BY: SK\_D,
CHECKED BY: DB\_D,

8150 LEESBURG PIKE SUITE 630 VIENNA, VA 22182 (703) 942-8900

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SHEET 4 OF 3

4 OF 37 SCALE 1"=100

SCALE
1 100' 2

# GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS, OR RESULT IN DUPLICATE, OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES, AS DIRECTED BY THE ENGINEER. CONTRACTOR NULL CONTACT CITY INSPECTOR BEFORE SETTING UP WORK ZONE.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIKIES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLANS, OR DIRECTED BY THE ENGINEER.

CONTRACTOR TO COORDINATE THE SCHEDULE OF WORK WITH THE CITY INSPECTOR AT LEAST 72 HOURS IN ADVANCE.

## TIME RESTRICTIONS

A. ONLY CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ARTE	RIAL Single or Multi-L	ane Closures c	or Shoulder Clo	sures
	WEEKDAY		WEEKEND	
	MONDAY TO FRIDAY	FRIDAY TO SATURDAY	SATURDAY TO SUNDAY	SUNDAY TO MONDAY
MAJOR ARTERIALS**	9:00 AM TO 3:30 PM 9:00 PM TO 5:00 AM	10:00 PM TO 8:00 AM	10:00 PM TO 8:00 AM	10:00 PM TO 5:00 AM
ALL OTHER	9:00 AM TO 3:30 PM	10:00 PM TO	10:00 PM TO	10:00 PM TO
ROADWAYS	9:00 PM TO 5:00 AM	8:00 AM	8:00 AM	5:00 AM
*SINGLE LAN	E CLOSURES ARE ONLY	PERMITTED FOR	R MULTIPLE LAN	NE ROADWAYS
**MA	JOR ARTERIALS FOR THI SOUTH P	S PROJECT ARE Atrick street		O BE:

# SHORT TERM CLOSURES

- B. ANY LANE CLOSURES REQUIRE A PERMIT FROM TRANSPORTATION AND ENVIRONMENTAL SERVICES (TREES). THE CITY HAS FIVE (5) DAYS TO REVIEW ALL PERMIT REQUESTS.
- C. DO NOT CLOSE OR NARROW TRAVEL LANES FOR ALL ROADS DURING SPECIAL EVENTS AS FOLLOWS:
  - 1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES AS DIRECTED BY THE ENGINEER.
  - 2. FOR ANY SPECIAL EVENT, SUCH AS THE CHRISTMAS WALK, OCCURRING BETWEEN 3 HOURS BEFORE THE START AND 3 HOURS AFTER THE END OF THE SPECIAL EVENT, AS DIRECTED BY THE ENGINEER.
- D. DO NOT CLOSE OR NARROW TRAVEL LANES OR CLOSE SIDEWALKS OR PEDESTRIAN CROSSINGS WITHIN 1/2 MILE OF A SCHOOL DURING ARRIVAL AND DISMISSAL HOURS ON A SCHOOL DAY. COORDINATE WITH THE AFFECTED SCHOOL CONCERNING OPERATIONAL HOURS AND SCHOOL DAYS.AS A MINIMUM, DO NOT CLOSE OR NARROW A LANE OR CLOSE A SIDEWALK OR PEDESTRIAN CROSSING DURING HOURS POSTED ON SCHOOL SPEED ZONE SIGNS (WHEN PRESENT).
- E. WHEN WORK REQUIRES, USE A POLICE OFFICER(S) TO DIRECT TRAFFIC THROUGH THE INTERSECTION WHILE A TRAFFIC SIGNAL IS NOT IN OPERATION. DO NOT TAKE TRAFFIC SIGNAL OUT OF OPERATION FOR MORE THAN 1 HOUR AT A GIVEN INTERSECTION. DO NOT TAKE ANY TRAFFIC SIGNAL OUT OF OPERATION BETWEEN THE HOURS OF 4:00 PM AND 9:00 AM THE FOLLOWING MORNING.

# LANE AND SHOULDER CLOSURE REQUIREMENTS

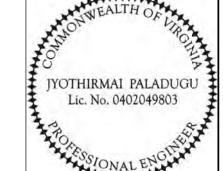
- F. FOR WORK BEYOND THE SHOULDER, POST SIGNAGE IN ACCORDANCE WITH FIGURE TTC-Ø1 OF THE VIRGINIA WORK AREA PROTECTION MANUAL.
- G. FOR WORK ON THE SHOULDER, PERFORM IN ACCORDANCE WITH FIGURE TTC-04 AND TTC-05 OF THE VIRGINIA WORK AREA PROTECTION MANUAL.
- H. FOR WORK IN THE TRAVELWAY, PERFORM IN ACCORDANCE WITH THE APPLICABLE FIGURES TTC-15 THRU TTC-17 AND TTC-21 THRU TTC-23 OF THE VIRGINIA WORK AREA PROTECTION MANUAL.
- I. FOR WORK IN THE TRAVELWAY AT AN INTERSECTION, PERFORM LANE CLOSURES IN ACCORDANCE WITH APPLICABLE FIGURES TTC-26 THRU TTC-29 OF THE VIRGINIA WORK AREA PROTECTION MANUAL.
- J. PERFORM SIDEWALK AND CROSSWALK CLOSURES IN ACCORDANCE WITH FIGURES TIC-35 AND TIC-36 OF THE VIRGINIA WORK AREA PROTECTION MANUAL.
- K. DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON ANY ROADWAY.

## SIGNING

- J. INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE. INSTALL SIGNS IMMEDIATELY PRIOR TO THE BEGINNING OF CONSTRUCTION AND REMOVE OR COVER SIGNS UPON COMPLETION AND DURING INACTIVE PERIODS.
- K. ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- L. THE WORD "SIGNAL" OR "UTILITY'" MAY BE USED IN LIEU OF "ROAD" ON W2Ø-1 (ROAD WORK AHEAD) SIGNS AND G2Ø-2A (END ROAD WORK) SIGNS. HOWEVER, DO NOT INTERMIX SIGNS.

### TRAFFIC CONTROL DEVICES

- O. SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10FT ONCENTER IN RADII AND 2 FT OFF THE EDGE OF AN OPEN TRAVELWAY, WHEN LANE CLOSURES ARE NOT IN EFFECT. WHEN SKINNY DRUIDS ARE ALLOWED, REFER TO SECTION 1180 OF STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES OR AS SHOWN IN THE PLANS.
- P. PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES PERPENDICULAR TO THE EDGE OF
- Q. MAINTAIN REASONABLE AND SAFE PEDESTRIAN ACCESS TO ALL BUSINESSES, SCHOOLS, AND DWELLINGS IN AREAS AFFECTED BY CONSTRUCTION AT ALL TIMES.



TIME RESTRICTIONS. THE CONTRACTOR IS RESPONSIBLE FOR ANY COST ASSOCIATED WITH HAVING THE POLICE

ALE DA COI DES CHI

SHEET

5 OF 37 SCALE 1"=20'

A) ALEXANDRIA EMERGENCY MANAGEMENT (703) 746-5200

CONTACT INFORMATION

B) ALEXANDRIA PROJECT TECHNICAL CONTACT, REGINALD ARNO (703) 746-4631

R. WHEN CONSTRUCTION ACTIVITIES WILL BLOCK

S. REFER TO MUTCD SECION 60.01, "PEDESTRIAN

T. POLICE MAY BE USED TO MAINTAIN TRAFFIC

TRAFFIC THOUGH WORK AREA.

MISCELLANEOUS

DIRECT TRAFFIC.

PEDESTRIAN ACCESS TO PEDESTRIAN SIGNAL

PUSHBUTTONS, NOTIFY THE ENGINEER AT LEAST

24 HOURS IN ADVANCE OF SUCH WORK TO HAVE

THE TRAFFIC SIGNAL PLACE ON PEDESTRIAN RECALL.

CONSIDERATIONS" AND SEC10N 6D.02, "ACCESSIBILITY

AND CONSIDERATIONS FOR MAINTAINING PEDESTRIAN

THROUGH THE WORK AREA AND/OR INTERSECTIONS,

AS DIRECTED AND APPROVED IN ADVANCE BY THE

ENGINEER, AND SUBJECT TO THE AFOREMENTIONED

CONSIDERATIONS" FOR ADDITIONAL REQUIREMENTS

C) DEPARTMENT OF PROJECT IMPLEMENTATION (DPI) INSPECTOR, TBD

### EXISTING CONDITIONS SURVEY NOTES

LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES MUST BE DONE, WHEN NECESSARY, BY CONTRACTOR PRIOR TO CONSTRUCTION.

#### CITY STANDARD GENERAL NOTES

- "CITY" MEANS THE CITY OF ALEXANDRIA, A MUNICIPAL CORPORATION OF VIRGINIA AND ITS AUTHORIZED REPRESENTATIVES AND EMPLOYEES.
- TOTAL SITE AREA: 56823 SQUARE FEET OR 1.3 ACRES, ALL OF WHICH WILL BE DISTURBED WITH THIS PROJECT.
- THE NATURAL SOILS AT THE SITE CONSIST OF URBAN LAND (HSG-D)
- NO PORTION OF THE SUBJECT PROPERTY LIES WITHIN A CITY OF ALEXANDRIA RESOURCE PROTECTION AREA.
- ALL CONSTRUCTION MUST CONFORM TO THE CURRENT STANDARDS AND SPECIFICATIONS OF THE CITY OF ALEXANDRIA AND/OR THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) STANDARDS AND
- ALL EROSION AND SEDIMENTATION CONTROL MUST BE PLACED AND MAINTAINED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CITY OF ALEXANDRIA AND/OR VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH).
- ANY WORK IN THE PUBLIC RIGHT OF WAY MUST REQUIRE A SEPARATE PERMIT FROM THE CITY.
- THERE IS NO OBSERVABLE EVIDENCE OF CEMETERIES OR BURIAL GROUNDS ON THIS PROJECT.

#### ARCHAELOGY NOTES

- THE CONTRACTOR MUST CALL ALEXANDRIA ARCHAEOLOGY IMMEDIATELY (703-746- 4399) IF ANY BURIED STRUCTURAL REMAINS (WALL FOUNDATIONS, WELLS, PRIVIES, CISTERNS, ETC.) OR CONCENTRATIONS OF ARTIFACTS ARE DISCOVERED DURING DEVELOPMENT. WORK MUST CEASE IN THE AREA OF THE DISCOVERY UNTIL A CITY ARCHAEOLOGIST COMES TO THE SITE AND RECORDS THE FINDS.
- CONTRACTOR MUST NOT ALLOW ANY METAL DETECTION TO BE CONDUCTED ON THE PROPERTY, UNLESS AUTHORIZED BY ALEXANDRIA ARCHAEOLOGY.

#### UTILITY CONTACTS

DOMINION ENERGY (MICHAEL SHIPE)
VERIZON COMMUNICATIONS (BRIAN HARLOW)
COMCAST WASHINGTON GAS VĪRGĪNIA AMERICAN WATER SANITARY SEWER - CITY OF ALEX.

CONTRACTOR MSUT CONFORM TO THE OVERHEAD HIGH VOLTAGE ACT (EFFECTIVE JULY 1, 2003) AND SHALL CONTACT THE NECESSARY AUTHORITIES PRIOR TO START OF CONSTRUCTION.

#### TRAFFIC CONTROL

- THE CONTRACTOR MUST SUBMIT A MAINTENANCE OF TRAFFIC (MOT) PLAN FOR REVIEW AND APPROVAL WHEN APPLYING FOR THE CITY'S RIGHT OF WAY PERMIT.
- THE CONTRACTOR MUST NOTIFY THE CITY AT LEAST THREE (3) WORKING DAYS PRIOR TO DISTURBING ANY EXISTING, INSTALLING ANY NEW, TRAFFIC SIGNS, SIGNALS, OR OTHER TRAFFIC CONTROL
- THE CONTRACTOR MUST SUBMIT ANY REQUESTS FOR TEMPORARY "NO PARKING" RESTRICTIONS TO THE CITY AT LEAST THREE (3) WORKING DAYS PRIOR TO THE DESIRED ONSET OF RESTRICTIONS.
- WHEN CONDITIONS WARRANT DUE TO TRAFFIC VOLUMES, PATTERNS OR SPECIAL EVENTS, THE CITY MAY SUSPEND OR OTHERWISE DIRECT THE CONTRACTOR'S ACTIVITIES TO PROTECT THE PUBLIC AND/OR THE CITY'S TRANSPORTATION NETWORK.
- NO PORTION OF PROPOSED SIGN PANEL OVERHANG ADJACENT ROADWAY PAVEMENT. I.E. MUST NOT HANG IN FRONT OF FACE OF CURB.

#### SIDEWALK RECONSTRUCTION NOTES

- TRAFFIC SIGNS IMPACTED BY PROPOSED CONSTRUCTION MUST BE RESET OR RELOCATED.
- 2. ALL MANHOLES AND VALVE BOXES SHALL BE ADJUSTED TO PROPOSED GRADE.

#### DEMOLITION NOTES

- NO DEMOLITION CAN BEGIN UNTIL ALL EROSION AND SEDIMENT CONTROLS ARE IN PLACE AND IS APPROVED BY AN EROSION AND SEDIMENT CONTROL INSPECTOR OF THE CITY.
- ALL WORK MUST BE PERFORMED IN STRICT COMPLIANCE WITH THE MOST CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS, INCLUDING BUT NOT LIMITED, TO ENVIRONMENTAL PROTECTION AGENCY (EPA), OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), VIRGINIA OCCUPATIONAL AND SAFETY HEALTH COMPLIANCE PROGRAM (VOSH ENFORCEMENT), VIRGINIA OVERHEAD HIGH VOLTAGE LINE SAFETY ACT, NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS), AND NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH).
- THE CONTRACTOR MUST BE RESPONSIBLE FOR THE COORDINATION OF WORK WITH REPRESENTATIVE UTILITY COMPANIES AND FOR THE IMPLEMENTATION OF REQUIRED UTILITY-RELATED WORK.
- THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE CITY UPON ENCOUNTERING ANY HAZARDOUS MATERIALS DURING DEMOLITION AND/OR CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL DOCUMENT SAME TO THE CITY AND OBTAIN DIRECTION AS TO THE APPROPRIATE ACTION(S) TO BE TAKEN.
- DISCONNECTION OF SERVICES AND SYSTEMS SUPPLYING UTILITIES TO BE ABANDONED OR DEMOLISHED MUST BE COMPLETED PRIOR TO OTHER SITE DEMOLITION IN FULL COMPLIANCE WITH APPLICABLE CODES, REGULATIONS, AND THE REQUIREMENTS OF UTILITY PURVEYORS HAVING JURISDICTION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH THE UTILITY PURVEYORS, PAYMENT OF ASSOCIATED FEES AND PROCUREMENT OF ALL NECESSARY PERMITS.
- PRIOR TO REMOVAL OF MATERIALS OVER EXISTING UTILITY SYSTEMS, THE CONTRACTOR MUST DOCUMENT EXISTING CONDITIONS AND, IF AT VARIANCE WITH CONDITIONS AS REPRESENTED ON THE PLANS, NOTIFY THE CITY AND OBTAIN DIRECTION S TO THE APPROPRIATE ACTION(S) TO BE TAKEN.
- PRIOR TO COMMENCING NEW WORK, THE CONTRACTOR MUST PROTECT FROM DAMAGE ALL EXISTING ADJACENT AREAS. ALL ADJACENT AREAS DAMAGED DURING DEMOLITION AND/OR CONSTRUCTION ACTIVITIES MUST BE RESTORED TO ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE CITY.
- THE CONTRACTOR MUST PROTECT AND PREVENT DAMAGE TO EXISTING ON-SITE UTILITY DISTRIBUTION FACILITIES. ACTIVE UTILITY DISTRIBUTION FACILITIES ENCOUNTERED DURING DEMOLITION AND/OR CONSTRUCTION ACTIVITIES MUST BE SHUT OFF AT THE SERVICE MAIN WITH THE APPROVAL OF THE CITY.
- DURING DEMOLITION AND/OR CONSTRUCTION ACTIVITIES, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE CITY UPON ENCOUNTERING ANY EXISTING UTILITIES AND/OR UTILITY SYSTEM STRUCTURES NOT SHOWN ON THESE PLANS. THE CONTRACTOR MUST DOCUMENT SAME TO THE CITY AND OBTAIN DIRECTION AS TO THE APPROPRIATE ACTION(S) TO BE TAKEN.
- CONTRACTOR MUST EXERCISE CAUTION WHILE DEMOLISHING NEXT TO EXISTING UTILITIES AND STRUCTURES. ANY DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE CITY.
- CONTRACTOR IS RESPONSIBLE FOR REMOVING AND DISPOSING FOR ALL ITEMS AS INDICATED ON THE PLANS AND SPECIFICATIONS.

#### ENVIRONMENTAL SITE ASSESSMENT

- THERE ARE NO TIDAL WETLANDS, TIDAL SHORES, TRIBUTARY STREAMS, FLOODPLAINS, CONNECTED TIDAL WETLANDS, ISOLATED WETLANDS, HIGHLY ERODIABLE/PERMEABLE SOILS OR BUFFER AREAS ASSOCIATED WITH SHORES, STREAMS, OR WETLANDS LOCATED ON THE SITE. FURTHER, THERE ARE NO WETLAND PERMITS REQUIRED FOR THIS DEVELOPMENT PROJECT. ADDITIONALLY, THERE ARE NO KNOWN UNDERGROUND STORAGE TANKS OR AREAS OF SOIL OR GROUNDWATER CONTAMINATION ON THE SITE.
- THE CITY OF ALEXANDRIA DEPARTMENT OF TRANSPORTATION AND ENVIRONMENTAL SERVICES, DIVISION OF ENVIRONMENTAL QUALITY MUST BE NOTIFIED IF UNUSUAL OR UNANTICIPATED CONTAMINATION OR UNDERGROUND STORAGE TANKS, DRUMS, AND CONTAINERS ARE ENCOUNTERED AT THE SITE. IF THERE IS ANY DOUBT ABOUT PUBLIC SAFETY OR A RELEASE TO THE ENVIRONMENT, THE ALEXANDRIA FIRE DEPARTMENT MUST BE CONTACTED IMMEDIATELY BY CALLING 911. THE TANK OR CONTAINER 1/32 S REMOVAL, ITS CONTENTS, ANY SOIL CONTAMINATION AND RELEASES TO THE ENVIRONMENT WILL BE HANDLED IN ACCORDANCE WITH FEDERAL, STATE, AND CITY REGULATIONS.
- ALL CONSTRUCTION ACTIVITIES MUST COMPLY WITH THE ALEXANDRIA
  NOISE CONTROL CODE TITLE 11, CHAPTER 5, WHICH PERMITS CONSTRUCTION
  ACTIVITIES TO OCCUR BETWEEN THE FOLLOWING HOURS:
  A. MONDAY THOUGH FRIDAY FROM 7 AM TO 6 PM AND
  B. SATURDAYS FROM 9 AM TO 6 PM.
  C. NO CONSTRUCTION ACTIVITIES ARE PERMITTED ON SUNDAYS.
  D. PILE DRIVING IS FURTHER RESTRICTED TO THE FOLLOWING HOURS:
  MONDAY THROUGH FRIDAY 9 AM TO 6 PM AND
  SATURDAYS FROM 10 AM TO 4 PM.

#### CONSTRUCTION NOTES

- THE CONTRACTOR MUST BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK AND FOR ANY DAMAGES WHICH MAY OCCUR BY HIS FAILURE TO LOCATE OR PRESERVE THESE UNDERGROUND UTILITIES. IF DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHOULD ENCOUNTER UTILITIES HE MUST IMMEDIATELY NOTIFY THE CITY AND TAKE NECESSARY ACTION AND PROPER STEPS TO PROTECT THE FACILITY AND ASSURE THE CONTINUATION OF SERVICE.
- THE CONTRACTOR MUST DIG TEST PITS AS REQUIRED FOLLOWING NOTIFICATION AND MARKING OF ALL EXISTING UTILITIES TO VERIFY THE LOCATION AND DEPTH OF EXISTING UTILITIES TEST HOLES TO BE PERFORMED AT LEAST 30 DAYS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE OWNER AND ENGINEER, REDESIGN AND APPROVAL BY REVIEWING AGENCIES SHALL BE OBTAINED, IF REQUIRED.
- ALL AREAS, ON OR OFF-SITE, WHICH ARE DISTURBED BY THIS CONSTRUCTION AND WHICH ARE NOT PAVED OR BUILT UPON MUST BE ADEQUATELY STABILIZED TO CONTROL EROSION AND SEDIMENTATION. THE MINIMUM ACCEPTABLE STABILIZATION MUST CONSIST OF PERMANENT GRASS, SEED MIXTURE TO BE AS RECOMMENDED BY THE CITY AGENT. ALL SLOPES 3:1 AND GREATER MUST BE SODDED AND PEGGED OF OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.
- EXISTING PHYSICAL FEATURES MUST BE REMOVED WHEN REQUIRED, BY THE CONTRACTOR.
- EXISTING CONSTRUCTION MUST BE REMOVED TO NEAREST JOINT. CONSTRUCTION MUST BE PROVIDED AS SHOWN AND ANY DAMAGED AREA MUST BE REPAIRED TO MATCH CONDITIONS EXISTING PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS TO THE ADJACENT CURB, GUTTER, AND RIGHT-OF-WAY, IF DAMAGED DURING CONSTRUCTION ACTIVITY AS DETERMINED BY THE CITY.
- TOPS OF EXISTING STRUCTURES WHICH REMAIN IN USE MUST BE ADJUSTED IN ACCORDANCE WITH THE GRADING PLAN. ALL PROPOSED STRUCTURE TOP ELEVATIONS MUST BE VERIFIED BY THE CONTRACTOR WITH THE SITE GRADING PLANS. IN CASE OF CONFLICT. THE GRADING PLAN SUPERSEDES PROFILE ELEVATIONS. ADJUSTMENTS TO MEET FINISHED GRADE ELEVATIONS IS
- CONSTRUCTION STAKEOUT MUST BE UNDER THE DIRECT SUPERVISION OF A LICENSED LAND SURVEYOR IN THE COMMONWEALTH OF VIRGINIA. CUT SHEETS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
- SMOOTH GRADE MUST BE MAINTAINED FROM THE CENTERLINE OF THE EXISTING ROAD TO THE PROPOSED ENTRANCE AND/OR CURB & GUTTER TO PRECLUDE THE FORMING OF FALSE AND/OR THE PONDING OF WATER ON THE
- THE CONTRACTOR IS RESPONSIBLE FOR MILLING AND REMOVING THE EXISTING TOP 2" ASPHALT SURFACE, REPAVING, PUTTING TEMPORARY MARKING TAGS & PERMANENT PAVEMENT MARKERS.
- 12. ALL PAVEMENT MARKINGS MUST MEET THE REQUIREMENTS OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS.
- THE CONTRACTOR MUST ENSURE THAT POSITIVE DRAINAGE OCCURS ON SITE TO PREVENT PONDING OR DRAINAGE PROBLEMS ON ADJACENT PROPERTIES.
- CONTRACTOR MUST ENSURE THAT THERE IS NO DISTURBANCE ON ADJACENT PROPERTIES, UNLESS OTHERWISE NOTED ON PLANS.
- 15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN UTILITY SERVICES AT ALL TIMES DURING CONNECTION AND/OR CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL DURING CONSTRUCTION INCLUDING THE DEVELOPMENT OF TRAFFIC CONTROL PLANS. ALL TRAFFIC CONTROL COSTS FOR ALL STAGES MUST BE INCLUDED IN THE BID PRICE FOR "MAINTENANCE OF TRAFFIC (LS)." NO LANES MUST BE CLOSED DURING CONSTRUCTION. IF LANES NEED TO BE CLOSED TO FACILITATE THE CONSTRUCTION THEN THE CONTRACTOR MUST PROVIDE A LANE CLOSURE PLAN TO THE SATISFACTION OF THE CITY. TEMPORARY PAVEMENT MARKING AND REMOVAL ARE REQUIRED AND MUST BE INCLUDED IN THE BID PRICE FOR "MAINTENANCE OF TRAFFIC (LS)." NO SIDE AND/OR CROSS WALK WILL BE CLOSED DURING CONSTRUCTION. IF SIDE AND/OR CROSS WALK NEED TO BE CLOSED TO FACILITATE THE CONSTRUCTION THEN THE CONTRACTOR MUST PROVIDE A SIDE AND/OR CROSS WALK CLOSURE PLAN TO THE SATISFACTION OF THE CITY.

#### SIGNING AND PAVEMENT MARKING

- ALL SIGN WORK AND PAVEMENT MARKING MUST MEET ALL THE LASTEST APPLICABLE VDOT, CITY OF ALEXANDRIA STANDARDS, AND MANUAL ON UNIFORM TRAFFIC CONTROL (MUTCD)
- ALL PAVEMENT MARKINGS ARE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- ALL EXISTING PAVEMENT MARKINGS MAY NOT BE SHOWN. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT MARKINGS MUST BE ERADICATED.
- ALL SIGNS MUST BE HIGH INTENSITY SHEETING MEETING THE REQUIREMENTS OF AASHTO M268.
- NO PORTION OF PROPOSED SIGN PANEL OVERHANG ADJACENT ROADWAY PAVEMENT. I.E. MUST NOT HANG IN FRONT OF FACE OF
- PROPOSED SIGN POSTS MUST BE LOCATED A MINIMUM OF 2 FEET BEHIND ANY ADJACENT FACE OF CURB (ADDITIONAL REQUIREMENTS APPLY TO ACCOMMODATE SIGN PANEL LATERAL AND VERTICAL CLEARANCE). IF LOCATED ADJACENT TO SIDEWALKS, A 32" MINIMUM CLEAR AND 48" PREFERRED PASSING SPACE ON EXISTING AND PROPOSED SIDEWALKS MUST BE MAINTAINED.
- PROPOSED SIGN POSTS MUST BE INSTALLED IN NEW LOCATIONS SUCH THAT THE EXISTING SIGNS OR SIGNALS ARE NOT BLOCKED
- FOR NEW POST INSTALLATION, THE CONTRACTOR MUST VERIFY THERE ARE NO CONFLICTING UNDERGROUND OR OVERHEAD UTILITIES.
- SIGNS MOUNTED TO EXISTING LIGHT, SIGNAL OR UTILITY POLES MUST BE FASTENED WITH A MANUFACTURED STEEL BANDING SYSTEM. POLES MUST NOT BE DRILLED DIRECTLY, THE CONTRACTOR MUST SUBMIT MANUFACTURER INFORMATION ON THE BANDING SYSTEM TO THE CITY FOR APPROVAL PRIOR TO INSTALLATION.

### **ABBREVIATIONS**

**APPROXIMATE** CO CLEANOUT COMM COMMUNICATIONS CONCRETE CONC CONCRETE MASONRY UNIT CMU CSO COMBINED SEWER OVERFLOW EL ELEVATION ΕX EXISTING FΗ FIRE HYDRANT FL FLOW LINE HΡ HIGH POINT LOD LIMIT OF DISTURBANCE LIGHT MH MANHOLE NPS NOMINAL PIPE SIZE PC POINT OF CURVATURE POINT OF TANGENCY PΤ PED PEDESTRIAN PR **PROPOSED** PROP PROPOSED ROW RIGHT OF WAY SAN SANITARY SEWER

 $\mathsf{STM}$ STORM SEWER **TRAF** TRAFFIC TC TOP OF CURB TOC TOP OF CURB TOP OF WALL ΤW

X-ING

BOTTOM OF WALL  $\mathsf{BW}$ UNLESS NOTED OTHERWISE U.N.O. WATERLINE WTR WATER VALVE

CROSSING

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE VDOTS 2020 ROAD AND BRIDGE SPECIFICATIONS, VDOTS 2020 ROAD AND BRIDGE STANDARDS, 2009 MUTCD, 2011 VIRGINA SUPPLEMENT TO THE MUTCD, VDOTS 2011 WORK AREA PROTECTION MANUAL, AND AS AMENDED BY THE CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

CALL "MISS UTILITY" AT 811 OR 1-800-552-7001,48 HOURS PRIOR TO THE START OF WORK. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTLITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. THE EXCAVATOR IS RESPNSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF THE CITY OF ALEXANDRIA.

NORIA NLEXA

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8150 LEESBURG PIKE SUITE 630 VIENNA, VA 22182 (703) 942-8900 WWW.MEADHUNT.COM

ALL CO CO CH

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SHEET

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- PROPOSED

GRADE

DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES

ALEXANDRIA, VIRGINIA

— GROUT

4'-0"

EXIST. M.H.

<u>RAISING</u>

— EXIST. GRADE

PROFILE

ADJUSTMENT

BELOW

06/21/2021 VISION DA

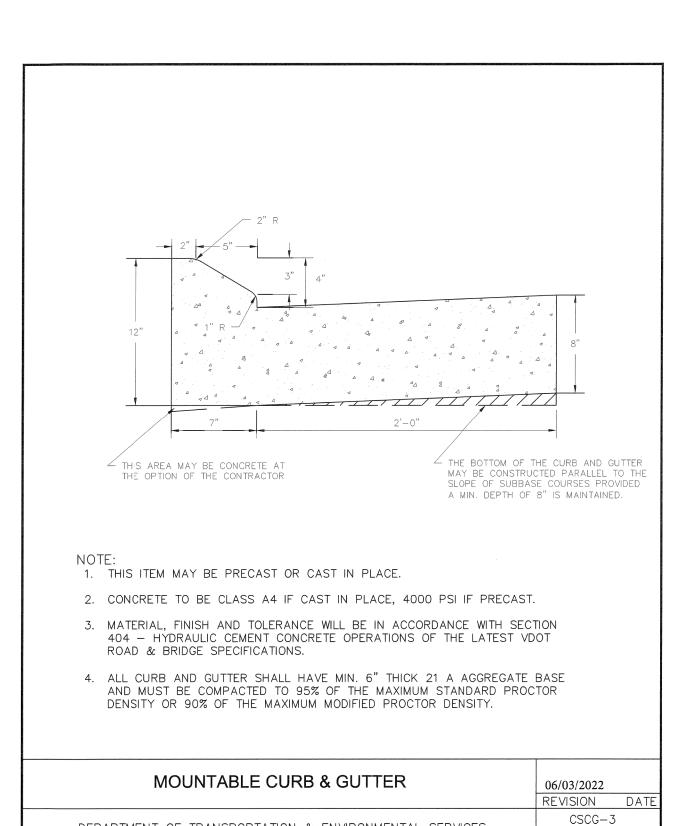
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RING(S)

SHEET

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CURB RAMPS SHALL COMPLY WITH APPLICABLE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) ROAD & BRIDGE STANDARDS. THE CURB RAMP DETAILS CAN BE FOUND IN THE LATEST ADDITION OF THE VDOT ROAD & BRIDGE STANDARDS: CG-12; PAGE 204.01 -PER CITY AND VDOT COMPLETE STREET GUIDELINES, CURB RAMPS SHALL BE PROVIDED

FOR EACH DIRECTION OF CROSSING AT INTERSECTIONS THAT INCORPORATE PEDESTRIAN ACCESS ROUTES, AND ON BOTH SIDES OF A MIDBLOCK LOCATION TO ESTABLISH A PEDESTRIAN ACCESS ROUTE. CURB RAMPS SHALL BE IN LINE WITH THE DIRECTION OF PEDESTRIAN TRAVEL.

WHERE THERE IS INSUFFICIENT ROOM TO DEVELOP A MEANINGFUL CURB HEIGHT BETWEEN SEPARATE RAMPS ON A CORNER OR WHERE DOING SO WOULD CREATE AN OBSTACLE, A DESIGN KNOWN AS A "FAN" RAMP MAY BE ACCEPTABLE WHERE A MAXIMUM 8.3% RAMP GRADE IS WRAPPED AROUND A SHARED LANDING WITH DETECTABLE WARNING SURFACES RINGING THE RADIUS. FAN RAMPS CLOSELY MIMIC THE GRADE RISE OF A DIAGONAL RAMP BUT OPEN UP COMPLETELY TO BOTH DIRECTIONS OF TRAVEL. FAN TYPE RAMPS ARE USEFUL WHEN VERTICAL GRADES CANNOT BE MET BY ANY OTHER RAMP TYPE BECAUSE THEY RISE VERTICALLY FROM THE FLOW LINE TO A COMMON LANDING. THIS TYPE OF RAMP SHOULD BE USED ONLY WHEN SEPARATE CURB RAMPS ARE NOT FEASIBLE.

https://www.virginiadot.org/business/resources/LocDes/VDOT2016\_Road\_and\_Bridge\_Standards /April\_2019\_Revision/204\_01.pdf

https://www.virginiadot.org/business/resources/LocDes/VDOT2016\_Road\_and\_Bridge\_Standards /April\_2019\_Revision/204\_02.pdf

https://www.virginiadot.org/business/resources/LocDes/VDOT2016\_Road\_and\_Bridge\_Standards /April\_2019\_Revision/204\_03.pdf

https://www.virginiadot.org/business/resources/LocDes/VDOT2016\_Road\_and\_Bridge\_Standards /April\_2019\_Revision/204\_04.pdf

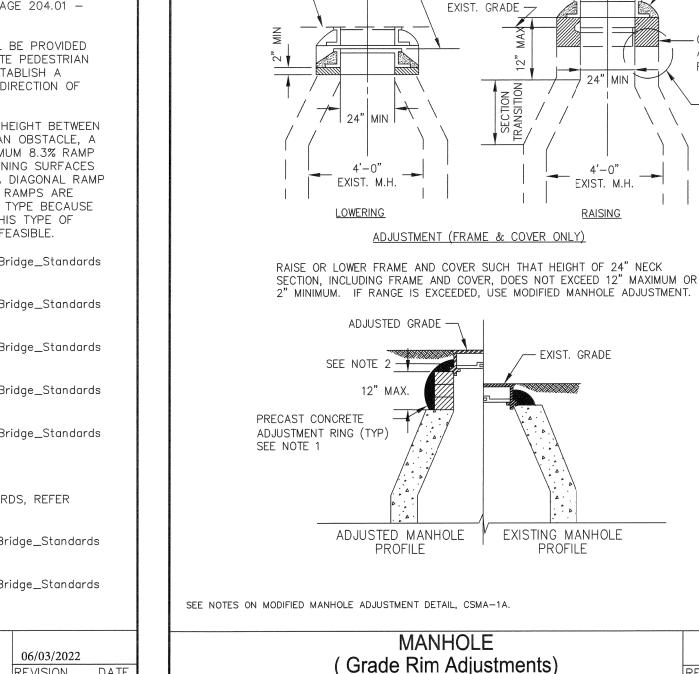
https://www.virginiadot.org/business/resources/LocDes/VD0T2016\_Road\_and\_Bridge\_Standards /April\_2019\_Revision/204\_05.pdf

GENERAL NOTES: FOR DETAILS NOT SHOWN IN THE CITY OF ALEXANDRIA CONSTRUCTION STANDARDS, REFER TO THE VDOT ROAD AND BRIDGE STANDARDS, VOLUME I AND VOLUME II.

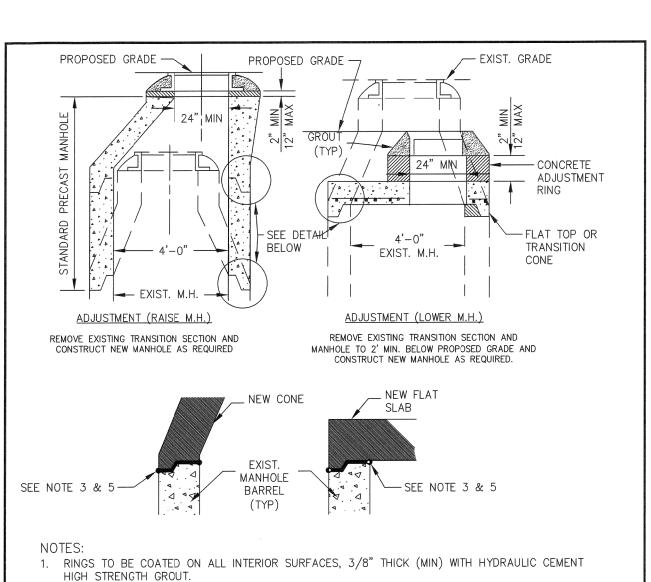
https://www.virginiadot.org/business/resources/LocDes/VDOT2016\_Road\_and\_Bridge\_Standards

https://www.virginiadot.org/business/resources/LocDes/VDOT2016\_Road\_and\_Bridge\_Standards /Volume2.pdf

ACCESSIBLE CURB RAMP	06/03/2022	
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EXIST. GRADE -



---- 1-1/2" RADIUS

CLASS "A4" CONCRETE

COMBINATION CURB AND GUTTER

ROUGH SURFACE

INTEGRAL CURB

COPING CURB

\_\_\_\_\_ 1-1/2" R

— BATTER 3/4":1'

CONCRETE

CURB AND GUTTER, COPING CURB

AND GRANITE CURB

DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES

ALEXANDRIA, VIRGINIA

CURB DOWEL

MATERIAL, FINISH AND TOLERANCE

THE LATEST VDOT ROAD & BRIDGE

AGGREGATE BASE AND MUST BE COMPACTED TO 95% OF THE

DENSITY OR 90% OF THE MAXIMUM

\_\_\_\_\_ 1/4" BULL NOSE

CURB FACE 7"

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EVISION

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TO 9" REVEAL

GRANITE CURB

MAXIMUM STANDARD PROCTOR

MODIFIED PROCTOR DENSITY.

WILL BE IN ACCORDANCE WITH

SECTION 404 - HYDRAULIC CEMENT CONCRETE OPERATIONS OF

2. ALL CURB AND GUTTER SHALL

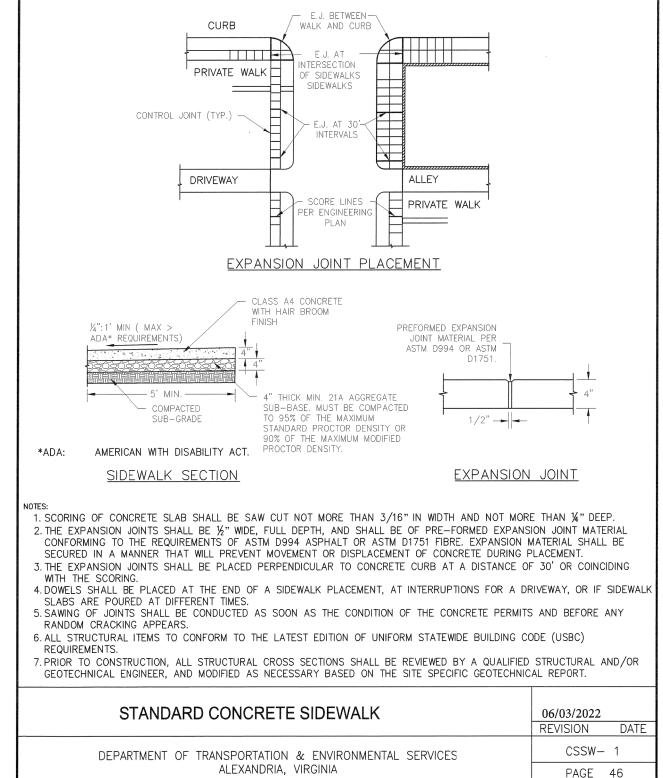
HAVE MIN. 6" THICK 21A

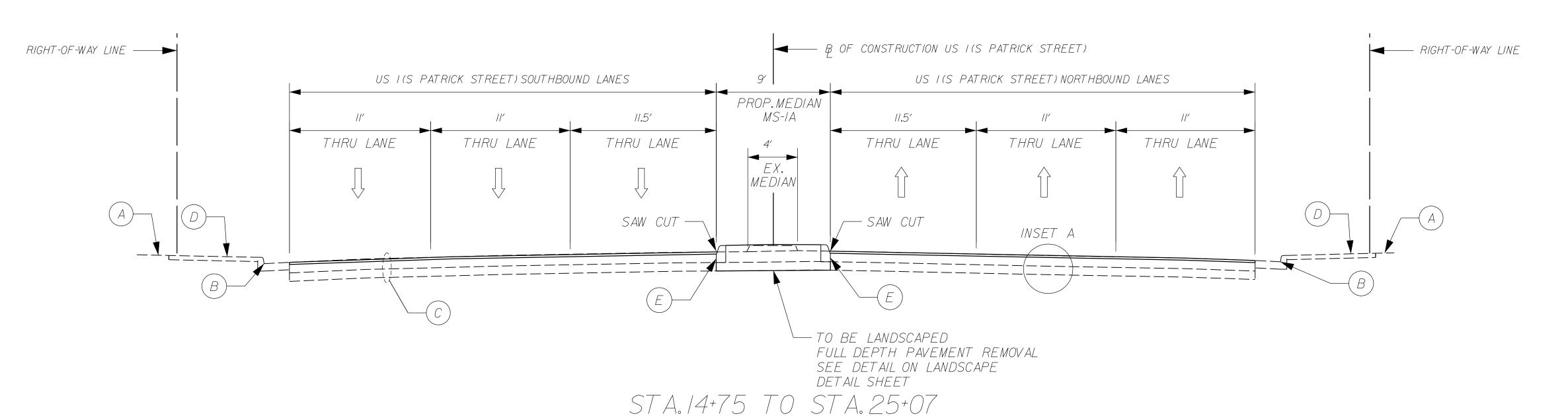
SPECIFICATIONS.

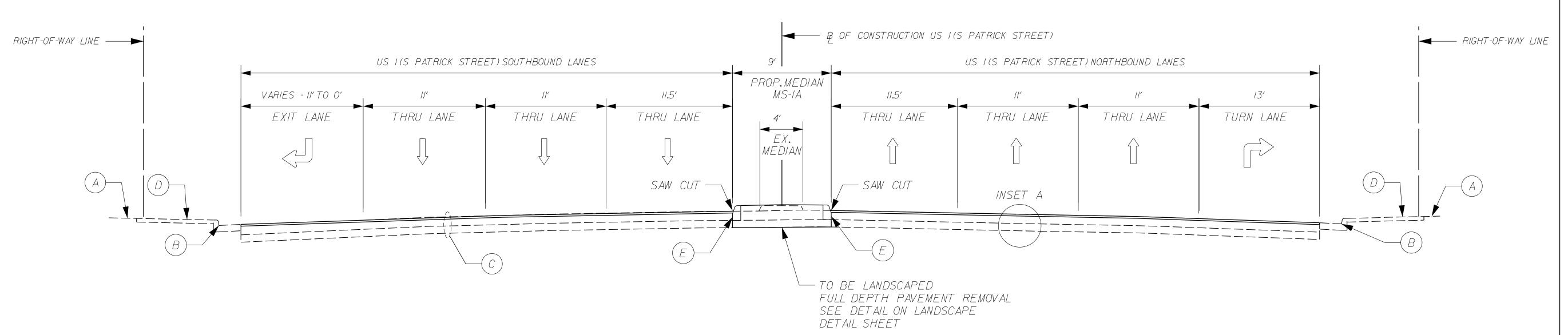
2. MH CASTING (FRAME) AND PRECAST CONCRETE ADJUSTMENT RINGS TO BE SET AND EMBEDDED IN

- BUTYL JOINT MATERIAL ("RAM-NEK" OR EQUAL) AND CAPPED WITH HIGH STRENGTH HYDRAULIC CEMENT GROUT OVER FRAME FLANGE, ADJUSTMENT RINGS AND CONE OR BARREL SECTION. 3. BUTYL JOINT MATERIAL TO BE PLACED OVER ENTIRE SURFACE OF JOINT AND SQUEEZED OUT WHEN JOINT IS MADE. STRIKE EXCESS FLUSH WITH JOINT BEFORE APPLYING GROUT.
- 4. NEW MH SECTION TO BE SET AND EMBEDDED IN BUTYL JOINT MATERIAL ("RAM-NEK" OR EQUAL). 5. CLEAN AND PATCH EXISTING BARREL SURFACE, PLACE BUTYL JOINT MATERIAL OVER ENTIRE SURFACE (TOP SHOULDER, SLOPE AND SEAT) AND SQUEEZE OUT WHEN JOINT IS MADE.
- 6. THE CONTRACTOR SHALL RE-GROUT THE ENTIRE MANHOLE WHEN STRUCTURE IS RAISED OR

MODIFIED MANHOLE ADJUSTMENTS	06/21/2021
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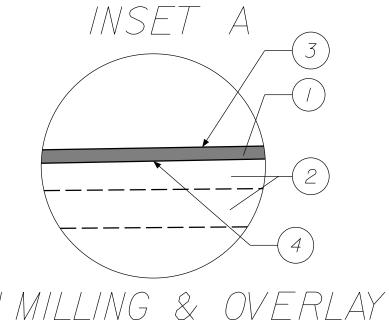


STA.//+00 TO STA./4+75

# LEGEND

- EX.GROUND
- EX.CURB & GUTTER
- EX.PAVEMENT SECTION
- EX.SIDEWALK
- STANDARD 6" CURB VDOT STD.201.01,CG-2

FOR PROPOSED SIDEWALK AND CURB AT INTERSECTIONS, SEE DETAILS ON STANDARD DETAIL SHEET



2.0" MILLING & OVERLAY (4)
PAVEMENT DETAIL

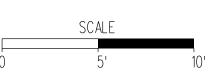
NOTE: SEE ROADWAY PLAN FOR LIMITS

NOT TO SCALE



- EXISTING PAVEMENT LAYER
- TOP OF PROPOSED PAVEMENT

TOP OF EXISTING PAVEMENT AFTER MILLING



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VIRGINIA -EMENTATION

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 $\left| \begin{array}{c} \mathcal{O} \\ \mathcal{O} \end{array} \right|$  SCALE 1'=5'