



Rezoning Application Form

Rezoning, Conditional Zoning, Proffer Amendment

Montgomery County, Virginia

755 Roanoke St. Suite 2A, Christiansburg, VA 24073;
540-394-2148; mcplan@montgomerycountyva.gov

Application Request: (Please check one) ☐ Conditional Rezoning ☒ Rezoning ☐ Amend Proffers

Applicant Information: (PLEASE PRINT – if additional owners, please attach additional sheets)

Owner of Record (attach separate page for add'l owners): Jerry L. & Vickie L. Akers	Address: 3114 Madtom Lane, Salem, VA 24153
Telephone: (540) 815-1274	Email: Thejteam40@gmail.com

Applicant Name: Owner Contract Purchaser/Lessee Nathan Kidd	Address: 4378 Harborwood Road, Salem, VA 24153
Telephone: (540) 309-1645	Email: Nathan.Kidd@kiddmachineworks.com

Representative Name and Company: Brushy Mountain Engineering, ATTN: Barney Horrell	Address: 3553 Carvins Cove Road, Salem, VA 24153
Telephone: (540) 526-6800	Email: barney@brushymtnengr.com

Property Description:

Location or Address: (Describe in relation to nearest intersection) 10001 Old Roanoke Road		
Parcel ID Number(s): 007525	Acreage: 1.317 acres	Existing Zoning: GB General Business
Comprehensive Plan Designation: Planned Light Industrial/Commercial, Corridor Overlay	Existing Use: Vacant 2 story brick building	

Description of Request: (Please provide additional information on attached sheet if necessary)

Proposed Zoning (Include Acreage): ML Manufacturing Light, 1.317 acres
Proposed Use: Machine Shop

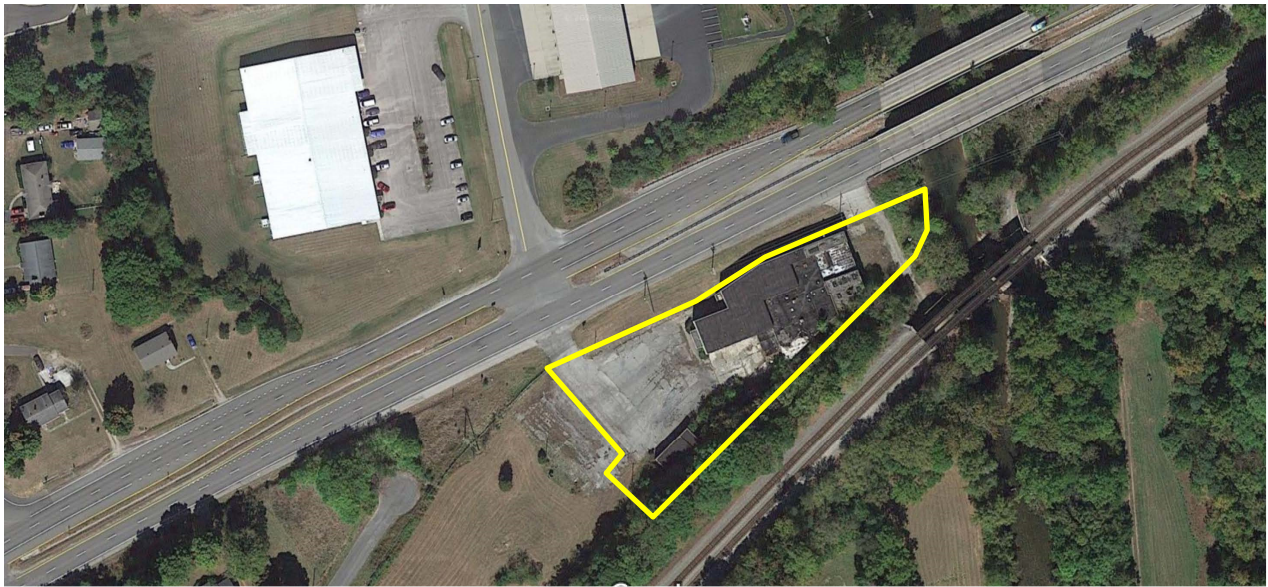
I certify that the information supplied on this application and on the attachments provided (maps or other information) is accurate and true to the best of my knowledge. In addition, I hereby grant permission to the agents and employees of Montgomery County and State of Virginia to enter the above property for the purposes of processing and reviewing the above application.

Owner 1 Signature 	Date 4-28-20
Owner 2 Signature (for add'l owners please attach separate sheet) 	Date 4-28-20
Applicant Signature 	Date 4-28-20
Representative/Agent Signature 	Date 04/28/2020

REZONING APPLICATION
for
KIDD Machine Works

Parcel ID: 007525

Site Address:
10001 Old Roanoke Road
Montgomery County, Virginia



Prepared on April 28, 2020

Application Prepared by:
Brushy Mountain Engineering, PLLC
3553 Carvins Cove Road
Salem, VA 24153
(540) 526-6800

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Introduction:

Background: The subject property has long been a keystone of the Elliston community. For many years the Green Hill Meat Processing Plant provided jobs for local residents and delicious pork and beef products for the entire region. Several years ago, Green Hill was purchased by Sara Lee and eventually the plant was closed. The property was donated to TAP and has been sold. The current owners are Jerry L. and Vickie L. Akers who recently subdivided the property into two tracts. The applicant, Nathan Kidd, now has a Contract to Purchase the lot with the old buildings on it pending approval of this rezone to allow for a machine shop in the existing building.

Current Conditions: There are two separate brick buildings on the subject tract. The larger building is the old meat processing plant. The smaller building is a storage building with two overhead doors. A shared access easement was created when the parcel was split so that both tracts could use the existing driveway onto Old Roanoke Road (Hwy 11 & 460). This shared driveway must remain to serve both tracts. The rear of the property is bordered by double railroad tracks on an elevated rail bed. These rail lines cross the Roanoke River on a multi-span high bridge. The Roanoke River borders the subject property to the east before it flows to the north and under Old Roanoke Road. A portion of the subject property is within the floodplain.

Attached is the recent subdivision plat which shows the existing site improvements on the subject property. The larger building is situated less than a foot from the front Right-of-Way line. Pavement covers the majority of the site. The pavement extends to a concrete wall in the rear and onto the remainder tract to the west. A truck dock is located in the front portion of the building. There is very little landscaping present on the site currently.

Proposed Site Improvements: Mr. Kidd plans to remodel the larger building and use it for a machine shop. It is critical to his business operation that he maintain the truck dock on the front side of the building. Parking will be provided along the rear of the property and near the main door into the building. At this time there are no new buildings planned. The existing asphalt parking lot will be repaired and sealed before being restriped with adequate parking. Landscaping will be installed to the extent feasible while still providing the required vehicle access to the site and the adjacent parcel.

Landscaping: There is very little space on the subject property in front of the existing building. This prevents installing the standard front yard buffer or corridor plantings. The proposed site plan shows the area of existing pavement which will be removed to allow for the installation of trees and plantings. A paved path to the truck dock on the front side of the building must be maintained which limits the area of pavement which can be removed. The existing trees in the rear of the property will remain to screen the railroad tracks. The fact that these tracks are elevated as they approach the bridge means that any plantings along the southern property line would be ineffective screening from the agricultural property to the south. The potential planting area to the west is limited by the need to maintain a shared access drive and the existing smaller building. The proposed site plan calls for removing a portion of the existing asphalt to allow for new trees and plantings.

Proposed Business Operation Details: The proposed machine shop will start operations with only a couple of full-time employees but hopes to expand to nearly 10 employees within a couple of years. The primary customers for the machine shop are the railroad and large regional manufacturing plants. The machine shop takes in metal stock and uses high precision machinery to shape the metal into mechanical components. The concrete construction of the existing building is well suited for the sensitive machinery that will be used. Raw metal will be delivered to the front truck dock on an as needed basis. Finished product will be loaded onto shipping trucks at the same dock. Generally, the facility will not serve walk in customers, therefore the daily traffic will generally be limited to employees.

VDOT Traffic Analysis: Attached is a detailed traffic analysis. The finding is that turn and deceleration lanes are not warranted for the planned use. However, if the adjoining property is developed in the future or the operation of the machine shop expands more rapidly than hoped, an updated traffic study will be required.

Utility Availability: The existing building has been vacant for many years and all of the internal metal, including the plumbing and wiring, have been removed for scrap. This means all interior mechanical infrastructure will be new. There is an existing sanitary sewer main east of the building which follows the river to the treatment facility. A new septic tank will be installed and then connected to this sanitary main. This design concept has been reviewed by Chuck Campbell. There is an existing water main on the north side of Old Roanoke Road. The cost to connect to this main is prohibitive. There is an existing well on the property which previously served the meat packing plant. The planned water usage is only for a couple of employee restrooms which is considerably less than the meat packing operation. The existing well is currently being tested for coliform bacteria. VDH does not require any testing on existing wells that serve private residences or businesses under a certain size. Therefore, the coliform testing is voluntary and will ensure good water quality.

There is currently 3-phase electric service available directly in front of the building. As mentioned above the building has been previously stripped and will be completely rewired.

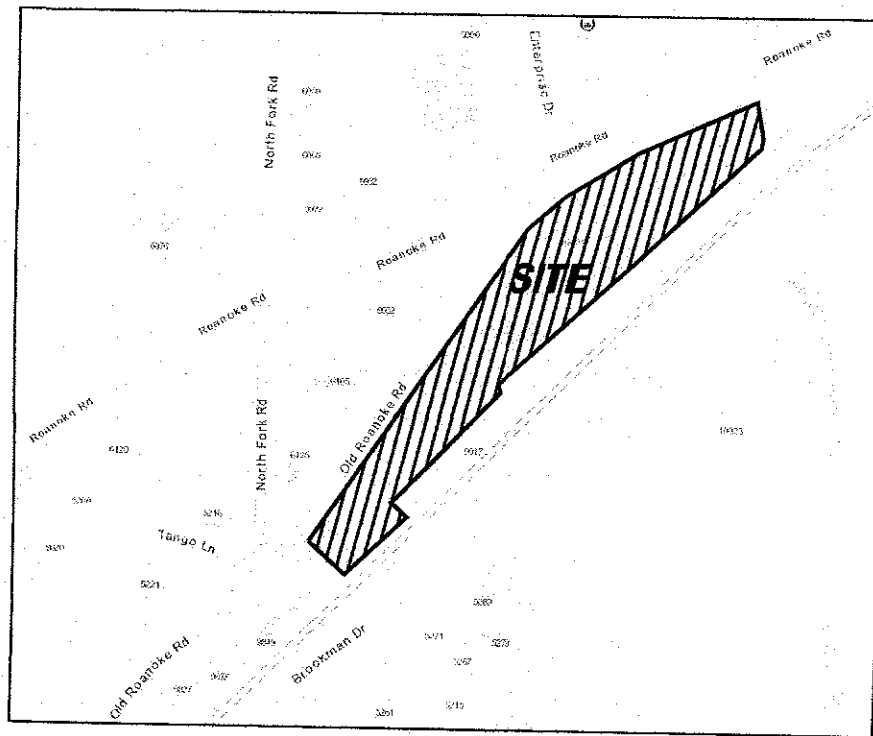
Comprehensive Plan Review: The Future Land Use Map designates this site as Planned Light Industrial/Commercial and notes that the site is in the Lafayette Route 11/460 Corridor Plan. In the Elliston and Lafayette Village Plan the first item identified by citizen input was “the need for increased jobs and light industrial, commercial, and tourism development”. The planned machine shop will create jobs in the light manufacturing nature. The Owner of the machine shop is proffering that the site will be developed as a machine shop and that any significant expansion or change in use will trigger a new traffic impact study.

PLU 2.1 Criteria for Evaluating Rezoning Applications

1. Location: The site is located in the Elliston Urban Expansion Area
2. Public Utilities: As discussed above, the building will be connected to the public sanitary sewer main and will use an existing well.

3. Road Access: VDOT has reviewed the attached Traffic Analysis for the planned use as a machine shop and determined that the existing entrance is adequate as is.
4. Public Facilities & Amenities: A site development plan for the entire property is included. There are no new buildings or paved areas planned at this time. Instead some existing pavement area is to be removed to allow for landscaping. This manufacturing use will not be for the general public and therefore does not warrant any walkways or public open spaces.
5. Interparcel Access: The existing entrance is already included in an shared access easement so that it will also serve the undeveloped property to the north. As proffered, if and when this adjoining property is developed, a new traffic impact study will be required.
6. Pedestrian Access: The existing site improvements provide access from the parking into the building. There are no sidewalks or pedestrian trails along Old Roanoke Road that need to be connected.
7. Buffers: As discussed above, the Owner is working closely with County Planning staff to provide landscape buffers.

Conclusion: The proposed rezone will allow for an existing building which has stood vacant for years now to be brought back to life as a machine shop. There are other industrial/manufacturing nature businesses on the opposite side of the highway and this property was previously industrial in nature (meat processing plant). Mr. Kidd is requesting this rezone so that he may create jobs in Elliston and revitalize an important historic landmark along Old Roanoke Road.



LOCATION MAP BY CHRISTIANBURG GIS 1" = 425'

KNOW ALL MEN BY THESE PRESENTS TO WIT:

THAT JERRY L. & VICKIE L. AKERS ARE THE OWNERS OF A 3.531 ACRE TRACT, A 0.901 ACRE TRACT, AND A 0.107 ACRE TRACT, BEING THE PROPERTY CONVEYED TO SAID OWNERS BY CHARLES LACY AKERS BY DEED DATED 9 JUNE, 2003 AND RECORDED IN THE CLERK'S OFFICE OF THE CIRCUIT COURT OF THE COUNTY OF MONTGOMERY, VIRGINIA IN INSTRUMENT #200413052.

THE SAID OWNERS HEREBY CERTIFY THAT THEY HAVE RESUBDIVIDED THE PROPERTIES OF THEIR OWN FREE WILL AND ACCORD AS REQUIRED BY SECTIONS 15.2-2240 THRU 15.2-2279 OF THE 1950 CODE OF VIRGINIA AS AMENDED TO DATE AND THE MONTGOMERY COUNTY SUBDIVISION ORDINANCE AS AMENDED TO DATE.

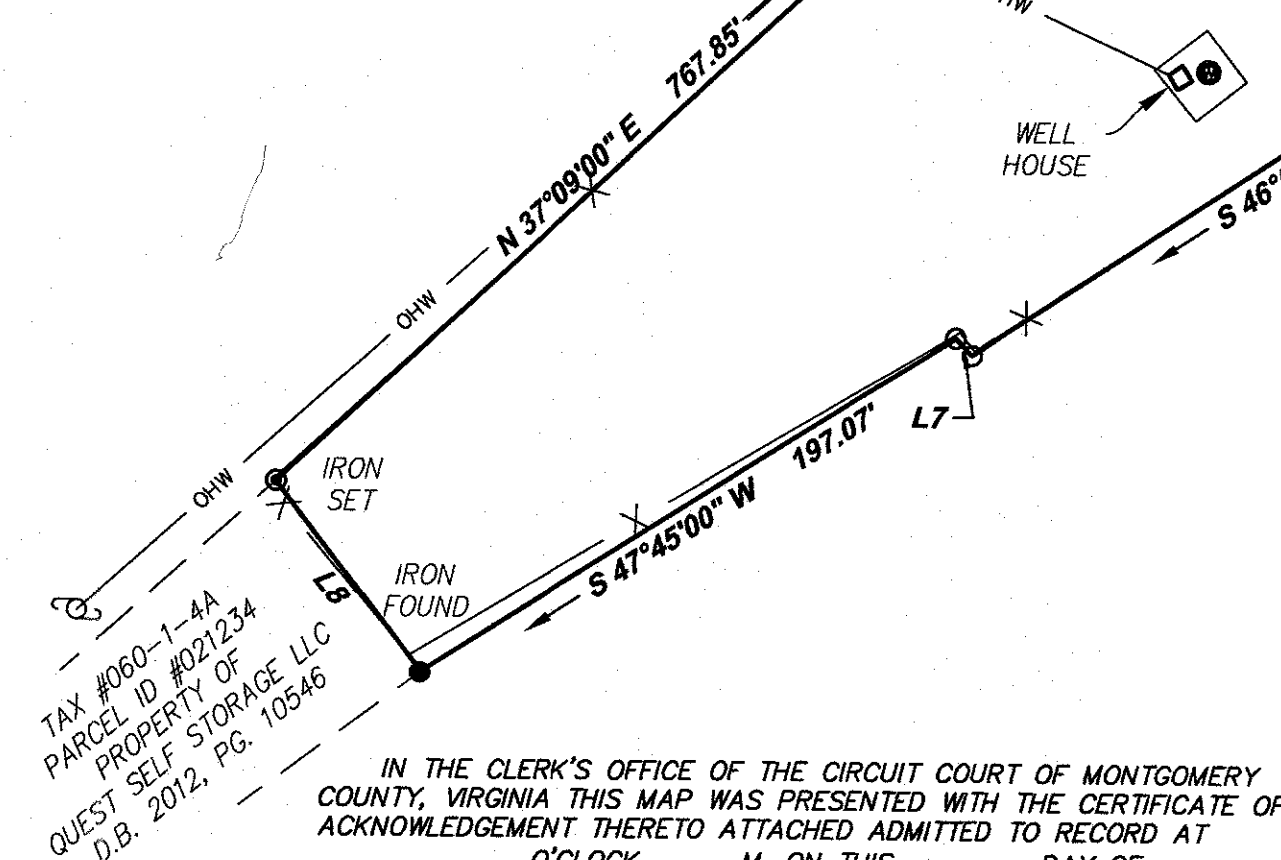
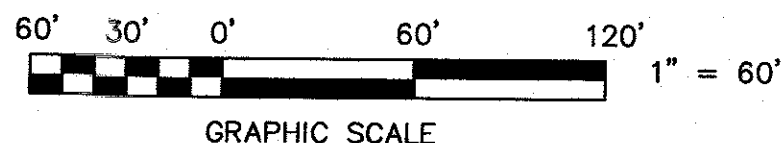
WITNESS THE SIGNATURES AND SEALS OF SAID OWNERS:

JERRY L. AKERS - OWNER
INSTRUMENT #200413052

DATE

VICKIE L. AKERS - OWNER
INSTRUMENT #200413052

DATE

**SOURCE OF TITLE:**

THE PARCELS AS SHOWN HEREON IS THE PROPERTY ACQUIRED BY JERRY L. & VICKIE L. AKERS BY DEED RECORDED IN INSTRUMENT #200413052 IN THE CLERK'S OFFICE OF THE CIRCUIT COURT OF MONTGOMERY COUNTY, VIRGINIA, SAID DEED BEING THE LAST INSTRUMENT BY WHICH SAID OWNER ACQUIRED THEIR INTEREST TO THE SUBJECT PROPERTY.

ALAN CLEMONS - L.S. 11-14-19
DATE

MONTGOMERY COUNTY NOTES:

1. APPROVAL HEREOF BY THE MONTGOMERY COUNTY SUBDIVISION AGENT IS FOR PURPOSES OF ENSURING COMPLIANCE WITH THE MONTGOMERY COUNTY SUBDIVISION ORDINANCE. PRIVATE MATTERS, SUCH AS COMPLIANCE WITH RESTRICTIVE COVENANTS OR OTHER TITLE REQUIREMENTS, APPLICABLE TO THE PROPERTY SHOWN HEREON, ARE NOT REVIEWED OR APPROVED WITH REGARD TO THIS SUBDIVISION OR RESUBDIVISION.
2. THE RECORDATION OF THIS PLAT OF SUBDIVISION DOES NOT CONSTITUTE A CONVEYANCE OF LAND. ANY LOT, PARCEL OR TRACT OF LAND SHOWN HEREON THAT IS INTENDED FOR SALE AND/OR CONVEYANCE MUST BE CONVEYED BY DEED RECORDED IN THE OFFICE OF THE CLERK OF CIRCUIT COURT OF MONTGOMERY COUNTY.

APPROVED:

SUBDIVISION AGENT FOR MONTGOMERY COUNTY DATE

TESTE: ERICA W. CONNER
CLERK

BY: _____
DEPUTY CLERK

STATE OF VIRGINIA

OF

TO WIT:

I, _____, A NOTARY PUBLIC IN AND FOR THE AFORESAID STATE DO HEREBY CERTIFY THAT JERRY L. AKERS, WHOSE NAME IS SIGNED TO THE FOREGOING WRITING HAS PERSONALLY APPEARED BEFORE ME AND ACKNOWLEDGED THE SAME IN MY AFORESAID JURISDICTION ON THIS _____ DAY OF _____, 2019.

NOTARY PUBLIC, DATE & SEAL

REGISTRATION # _____

CONFORMING STATEMENT:

I HEREBY CERTIFY THAT THIS PLAT WAS MADE BY ME AND THAT THE MONUMENTS SHOWN ON THIS PLAT HAVE BEEN PLACED AND THEIR LOCATION AND CHARACTER ARE CORRECTLY SHOWN. THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND COMPLIES WITH THE MINIMUM STANDARDS AND PROCEDURES AS ESTABLISHED BY THE VIRGINIA STATE BOARD OF ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS, AND LANDSCAPE ARCHITECTS.

ALAN CLEMONS - L.S.

DATE

STATE OF VIRGINIA

OF

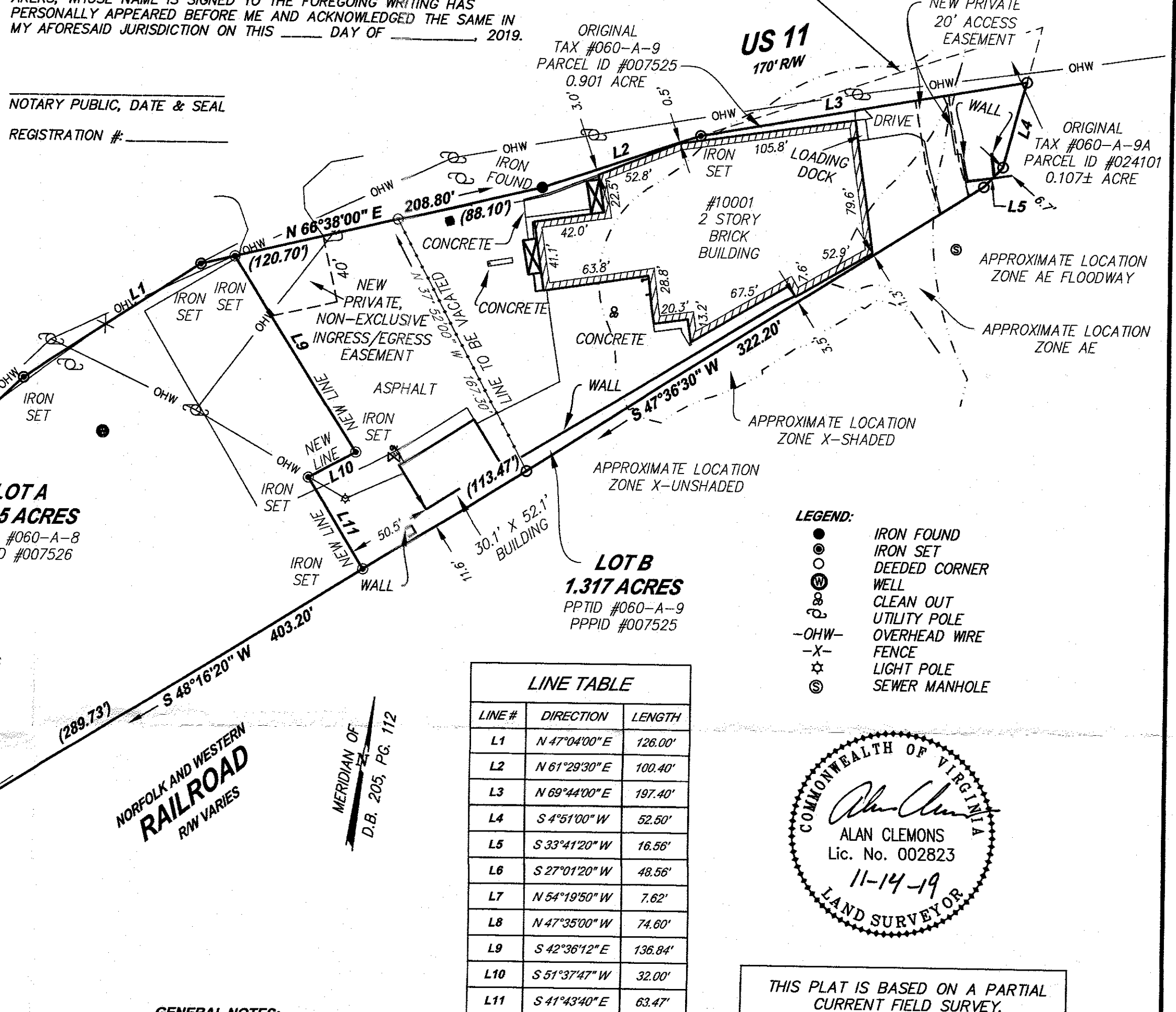
TO WIT:

I, _____, A NOTARY PUBLIC IN AND FOR THE AFORESAID STATE DO HEREBY CERTIFY THAT VICKIE L. AKERS, WHOSE NAME IS SIGNED TO THE FOREGOING WRITING HAS PERSONALLY APPEARED BEFORE ME AND ACKNOWLEDGED THE SAME IN MY AFORESAID JURISDICTION ON THIS _____ DAY OF _____, 2019.

NOTARY PUBLIC, DATE & SEAL

REGISTRATION # _____

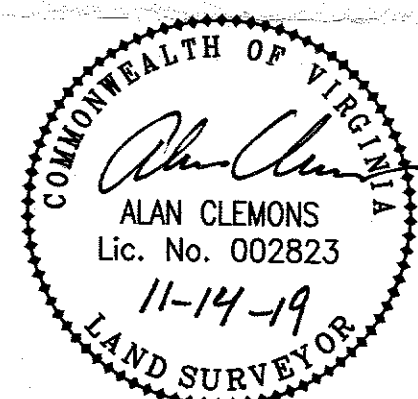
TAX PARCEL #060-A 9A(0.107± ACRES) APPEARS TO HAVE BEEN TAKEN IN BY THE HIGHWAY TAKE SHOWN ON SHEETS 5 AND 6 OF HIGHWAY PLAN NUMBER 11-060-1661-01 DATED AND REVISED 11-29-49.

**LINE TABLE**

LINE #	DIRECTION	LENGTH
L1	N 47°04'00" E	126.00'
L2	N 61°28'30" E	100.40'
L3	N 69°44'00" E	197.40'
L4	S 4°51'00" W	52.50'
L5	S 33°41'20" W	16.56'
L6	S 27°01'20" W	48.56'
L7	N 54°19'50" W	7.62'
L8	N 47°35'00" W	74.60'
L9	S 42°36'12" E	136.94'
L10	S 51°37'47" W	32.00'
L11	S 41°43'40" E	63.47'

LEGEND:

- IRON FOUND
- IRON SET
- ⊙ DEEDED CORNER
- ⊕ WELL
- ⊖ CLEAN OUT
- ⊗ UTILITY POLE
- OHW- OVERHEAD WIRE
- X- FENCE
- ☆ LIGHT POLE
- ⊙ SEWER MANHOLE



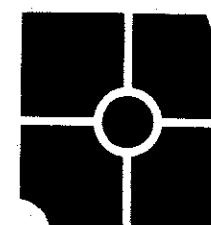
THIS PLAT IS BASED ON A PARTIAL CURRENT FIELD SURVEY. JERRY L. & VICKIE L. AKERS ARE THE OWNERS OF RECORD, SEE INSTRUMENT #200413052.

PLAT OF PARTIAL SURVEY SHOWING
BOUNDARY LINE RELOCATION AND VACATION FOR
JERRY L. & VICKIE L. AKERS

SHOWING DIVISION OF 060-A 8 (3.531 ACRES), 060-A 9 (0.901 ACRES), & 060-A 9 (0.107 ACRES)
SITUATE ON ROANOKE ROAD
CREATING HEREON LOT A (3.115 ACRES)
AND LOT B (1.317 ACRES)
ALLEGHANY MAGISTERIAL DISTRICT
MONTGOMERY COUNTY, VIRGINIA
SCALE: 1"=60'

TAX #: 060-A 8, 060-A 9, & 060-A 9A
DRAWN: MAC
CALC.: BDR, BKT

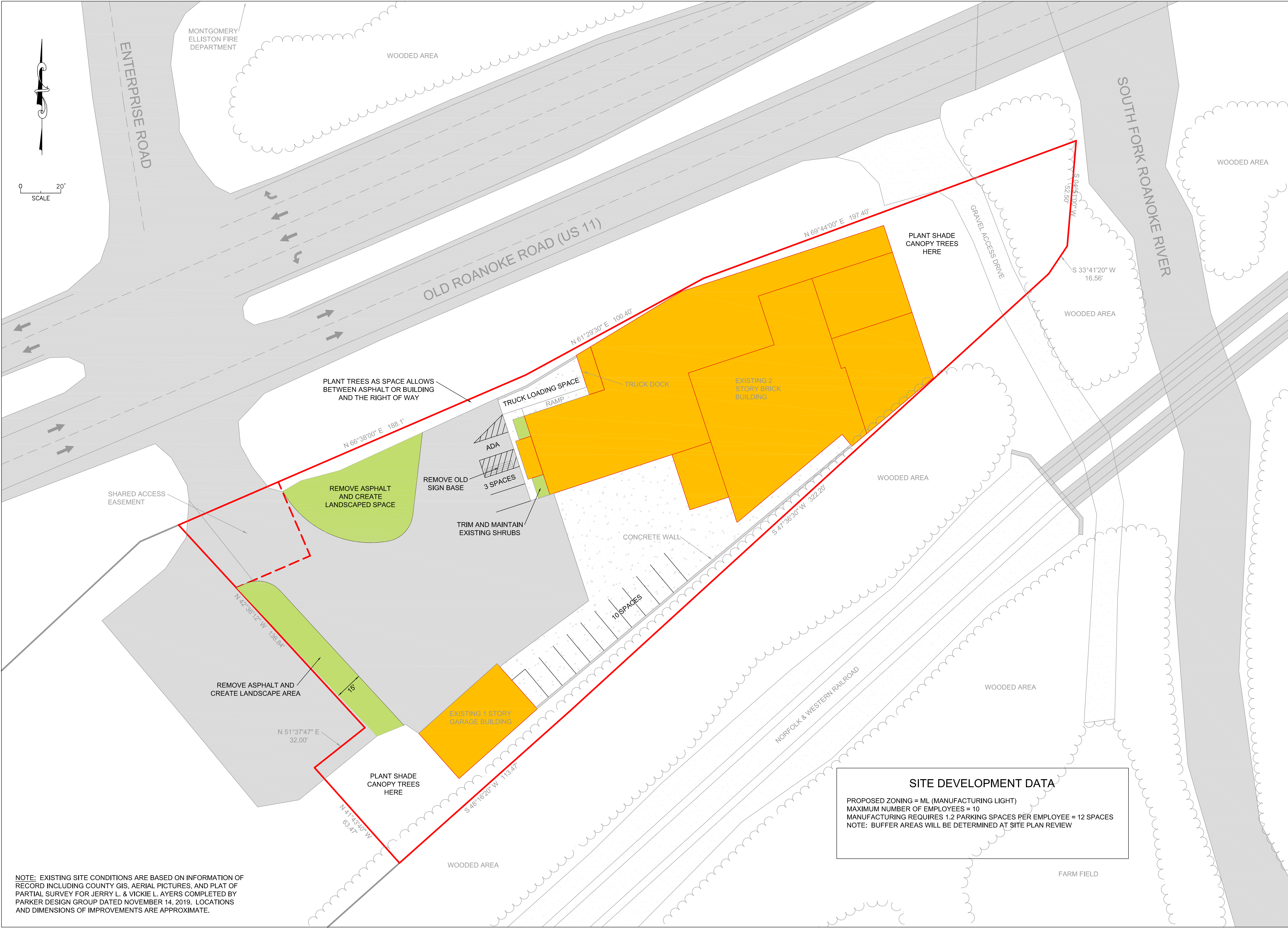
DATE: 14 NOVEMBER, 2019
N.B.: RAW DATA
W.O.: 19-0052:01



parker
DESIGN GROUP

ENGINEERS * SURVEYORS * PLANNERS * LANDSCAPE ARCHITECTS

2122 Carolina Avenue, S.W.
Roanoke, Virginia 24014
Phone: 540-387-1153
Fax: 540-389-5767
www.parkerdg.com



NOTE: EXISTING SITE CONDITIONS ARE BASED ON INFORMATION OF RECORD INCLUDING COUNTY GIS, AERIAL PICTURES, AND PLAT OF PARTIAL SURVEY FOR JERRY L. & VICKIE L. AYERS COMPLETED BY PARKER DESIGN GROUP DATED NOVEMBER 14, 2019. LOCATIONS AND DIMENSIONS OF IMPROVEMENTS ARE APPROXIMATE.

SITE DEVELOPMENT DATA

PROPOSED ZONING = ML (MANUFACTURING LIGHT)
MAXIMUM NUMBER OF EMPLOYEES = 10
MANUFACTURING REQUIRES 1.2 PARKING SPACES PER EMPLOYEE = 12 SPACES
NOTE: BUFFER AREAS WILL BE DETERMINED AT SITE PLAN REVIEW

DEVELOPMENT CONCEPTUAL PLAN		REVISIONS		DATE
FOR KIDD MACHINE WORKS NATHAN KIDD, APPLICANT JERRY L. & VICKIE L. AKERS, PROPERTY OWNERS TAX PARCEL ID: 07525 10001 OLD ROANOKE ROAD MONTGOMERY COUNTY, VIRGINIA		#	1	04/28/2020
BRUSHY MOUNTAIN ENGINEERING, PLLC		BME JOB #		20-002
				SHEET NAME
3553 Carvins Cove Road Salem, VA 24153 (540) 526-6800 www.brushymtnengr.com		REZONE		SHEET NUMBER
				1 OF 1

- Proposed Use = Light Manufacturing (Machine Shop)
- Number of Employees = 10 employees

- from ITE Trip Generation Worksheet
 - Daily Trips = 30 Trips
 - AM Peak Hour Trips = 4 Trips
 - PM Peak Hour Trips = 4 Trips

- from 2018 VDOT Traffic Count Data at site
 - Average Annual Week Day Traffic (AAWDT) = 8,200 Trips
 - % Traffic during Peak Hour (K Factor) = 0.115
 - % Traffic in direction of study (Directional Factor is Northbound) = 0.618

Week Day Peak Hour Traffic = (AAWDT) x (K Factor) = $8200 \times 0.115 = 943$ trips/hour

Week Day Peak Hour Northbound = $943 \text{ trips/hour} \times 0.618 = 583$ northbound trips/hour

Week Day Peak Hour Southbound = $943 \text{ trips/hour} \times 0.382 = 360$ southbound trips/hour

- from VDOT Figure 3-3 (Left Turn Storage Lane for 4-Lane Highway)
 - 4 Trips into site from Southbound lane during Week Day Peak Hour
 - 583 Vehicles in Northbound lane

CONCLUSION: Left Turn Lane is NOT warranted

- from VDOT Figure 3-27 (Right Turn Treatment for 4-Lane Highway)
 - 4 Trips into site from Northbound lane during Week Day Peak Hour
 - 583 Vehicle in Northbound lane

CONCLUSION: Right Turn Lane or Taper are NOT warranted

No further analysis required at this time. No improvements required for proposed property use. If number of employees increases significantly or use of subject property changes resulting in different trip generation, then further analysis may be required.

Virginia Department of Transportation
Traffic Engineering Division
2018
Annual Average Daily Traffic Volume Estimates By Section of Route
Montgomery Maintenance Area

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
From: Bus US 460 S Franklin St																
11 460 E Main St	Town of Christiansburg	0.12	6900	G	98%	0%	1%	0%	1%	0%	F	0.091	F	0.542	7500	G
To: Roanoke St																
From: E Main St																
11 460 Roanoke St	Town of Christiansburg	0.11	11000	G	98%	0%	1%	0%	1%	0%	F	0.098	F	0.57	12000	G
To: First St SE																
From: First St SE																
11 460 Roanoke St	Town of Christiansburg	0.98	12000	G	98%	0%	1%	0%	1%	0%	F	0.103	F	0.577	13000	G
To: SR 111 Depot St																
From: SR 111 Depot St																
11 460 Roanoke St	Town of Christiansburg	0.86	16000	G	98%	0%	1%	1%	0%	0%	C	0.104	F	0.602	17000	G
To: US 460																
From: US 460	Town of Christiansburg (Maint: 60)	1.15	16000	G	96%	0%	1%	1%	1%	0%	C	0.095	F	0.528	17000	G
To: I-81																
From: I-81	Town of Christiansburg (Maint: 60)	0.09	9300	N	96%	0%	1%	1%	2%	0%	N	0.1	F	0.558	10000	N
To: Tower Rd, Hampton Rd																
From: Tower Rd, Hampton Rd																
11 460 Roanoke St	Town of Christiansburg	2.01	9300	G	96%	0%	1%	1%	2%	0%	F	0.1	F	0.558	10000	G
To: ECL Christiansburg																
From: ECL Christiansburg																
11 460 Roanoke Rd	Montgomery County	5.11	7000	G	96%	0%	1%	1%	2%	0%	F	0.1	F	0.521	7300	G
To: 60-753 Old Town Rd																
From: 60-753 Old Town Rd																
11 460 Roanoke Rd	Montgomery County	3.21	7600	G	96%	0%	1%	1%	2%	0%	F	0.101	F	0.626	8000	G
To: 60-631 Brake Rd																
From: 60-631 Brake Rd																
11 460 Roanoke Rd	Montgomery County	2.43	7800	G	96%	0%	1%	1%	2%	0%	C	0.115	F	0.618	8200	G
To: Roanoke County Line																
From: US 11 FROM RT 460 TO 81 SOUTH & PARK																
11 Ramp	Town of Christiansburg (Maint: 60)	0.10	2700	G								0.108	F		2700	G
To: US 11- 120C TO PARKWAY DRIVE																
From: US 11- 120C TO PARKWAY DRIVE																
11 Ramp	Town of Christiansburg (Maint: 60)	0.18	1200	G								0.112	F		1200	G
To: US 460-E124A FROM RT 11 AND PARKWAY DRIV																
From: Ramp from US 460 East																
11 Ramp	Town of Christiansburg (Maint: 60)	0.15	5600	G								0.140	F		6100	G
To: I-81 South Collector Rd																
From: US 11- 120A TO PARKWAY DRIVE																
11 Ramp	Town of Christiansburg (Maint: 60)	0.13	1500	G								0.137	F		1500	G
To: US 460 FROM RT 11																
From: US 11, Bus US 460 Roanoke St																
11 Ramp	Town of Christiansburg (Maint: 60)	0.13	7500	G								0.101	F		7500	G
To: US 460 East																
From: US 11 TO ROUTE RT 81 SOUTH																
North 11 Ramp	Town of Christiansburg (Maint: 60)	0.15	1200	G								0.097	F		1200	G
To: I-81-S118X FROM RT 11 NORTH																

Warrants for Left Turn Storage Lanes on Four-Lane Highways

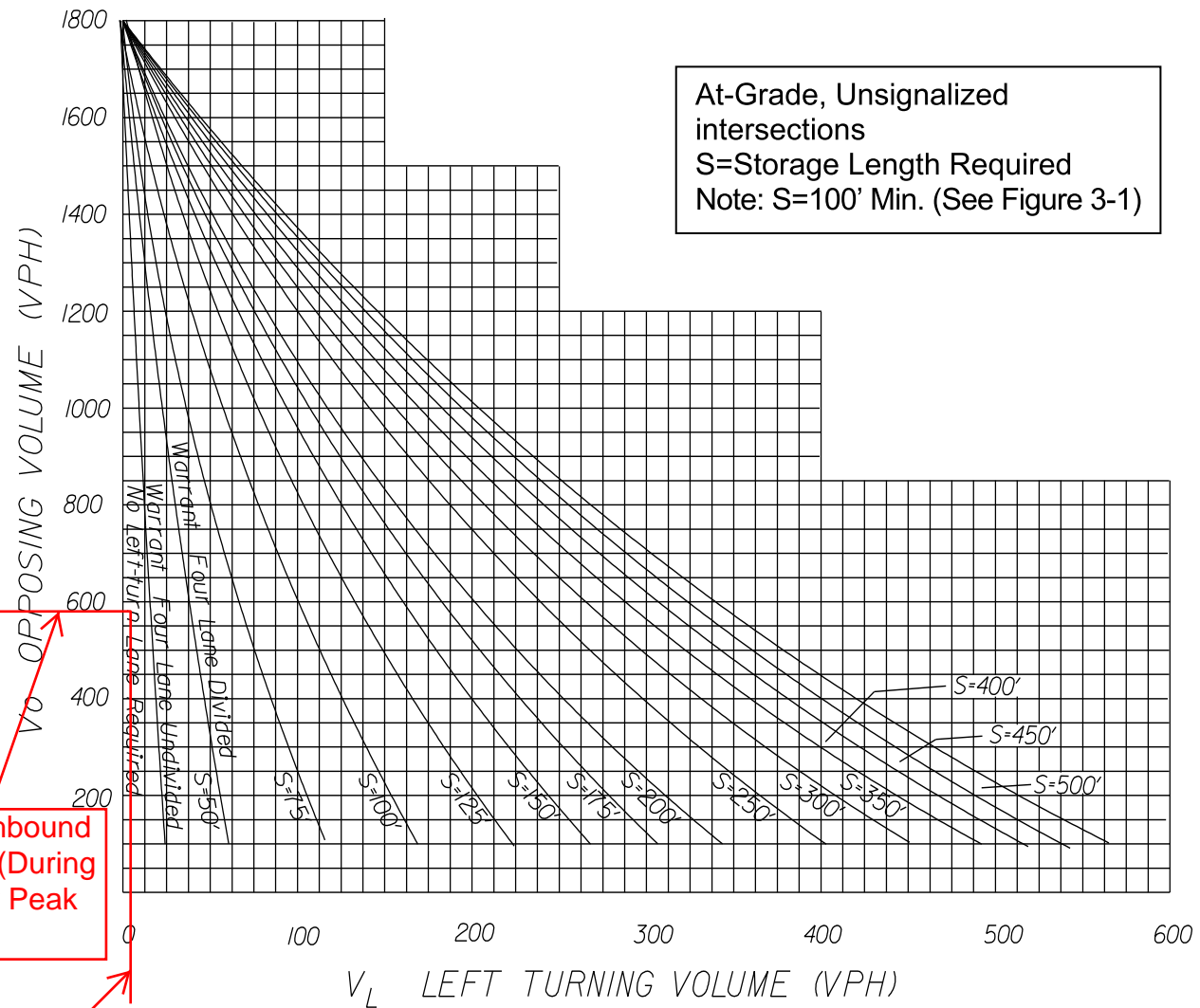


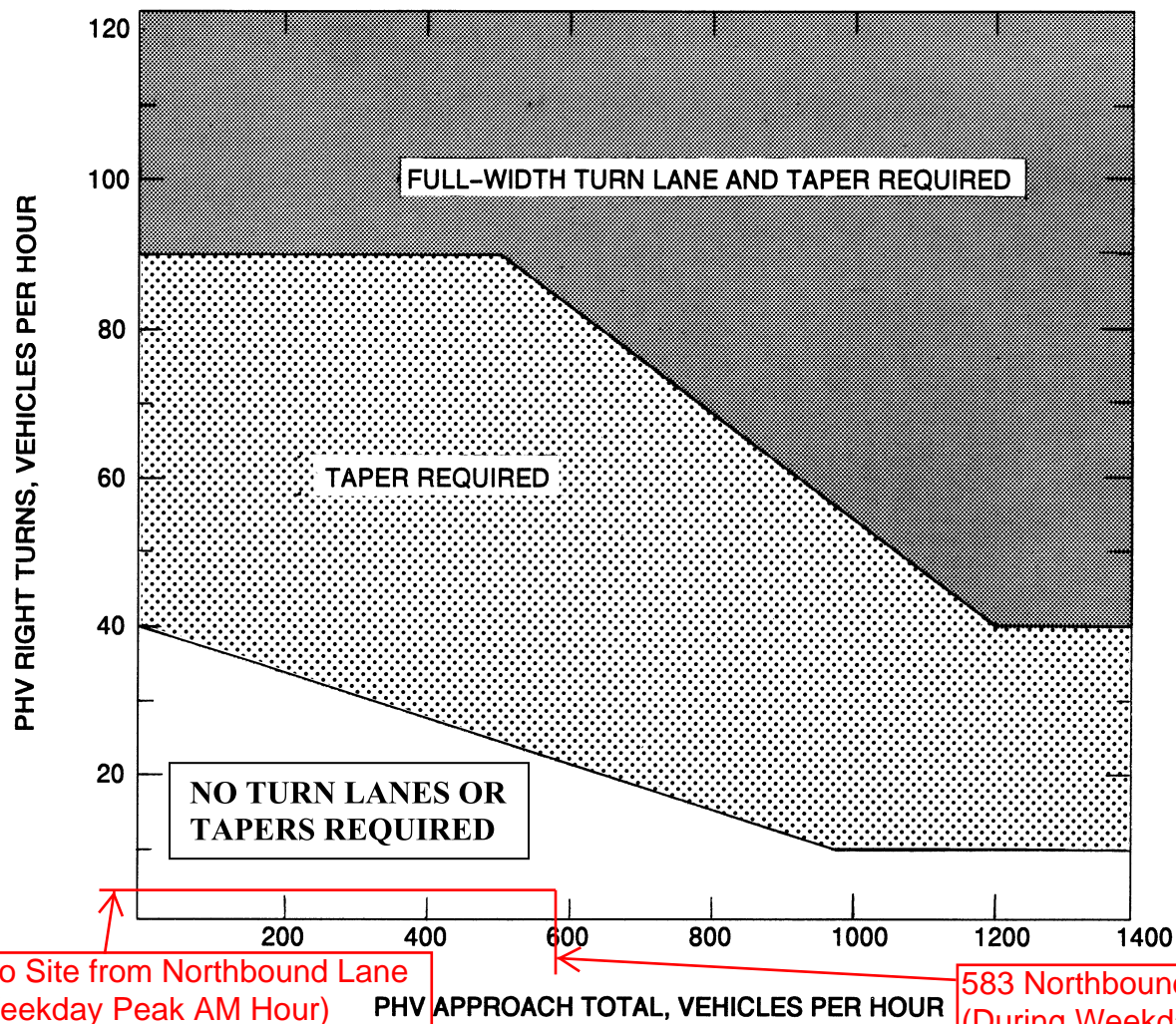
FIGURE 3-3 WARRANTS FOR LEFT TURN STORAGE LANES ON FOUR-LANE HIGHWAYS

Figure 3-3 was derived from Highway Research Report No. 211.

Opposing volume and left turning volume in vehicles per hour (VPH) are used for left turn storage lane warrants on four-lane highways.

For plan detail requirements when curb and/or gutter are used, see VDOT's Road Design Manual, [Section 2E-3](#) on the VDOT web site:

<http://www.virginiadot.org/business/locdes/rdmanual-index.asp>.



Appropriate Radius required at all Intersections and Entrances (Commercial or Private).

LEGEND

PHV- - Peak Hour Volume (also Design Hourly Volume equivalent)

Adjustment for Right Turns

If PHV is not known use formula: $PHV = ADT \times K \times D$

K = the percent of AADT occurring in the peak hour

D = the percent of traffic in the peak direction of flow

Note: An average of 11% for K x D will suffice.

When right turn facilities are warranted, see Figure 3-1 for design criteria.*

FIGURE 3-27 WARRANTS FOR RIGHT TURN TREATMENT (4-LANE HIGHWAY)

* Rev. 1/15