



VIRGINIA RAILWAY EXPRESS

ADDENDUM OF SOLICITATION

INVITATION FOR BID (IFB)

ADDENDUM NO. 2

Issued: September 8, 2020

IFB No.: 021-005

Title: Construction of Rolling Road Station Improvements

Contact: Ramon Paez

Email: rpaez@vre.org

Telephone: (703) 838-5447

This addendum is hereby incorporated into the solicitation documents of the above referenced IFB. The following items are clarifications, corrections, additions, deletions and/or revisions to the IFB, which shall take precedence over the original documents. ***Bold and Italics*** indicates additions while deletions are indicated by ~~strike through~~. Bidders must acknowledge receipt of this addendum by returning a signed original with your Bid.

DESCRIPTION OF ADDENDUM

The above numbered solicitation is amended as follows:

1. ATTACHMENT I- BID FORM

- A. Part IX, Attachment I- Bid Form is deleted in its entirety and replaced with the attached revised Bid Form, annotated “Revised- Addendum Two” included in this addendum.

2. ATTACHMENT M- VRE TRAIN SCHEDULE NORTH AND SOUTHBOUND

- A. Part IX, Attachments, insert Attachment M- VRE Train Schedule North and Southbound annotated “Addendum Two” included in this addendum.

3. REVISIONS TO TECHNICAL SPECIFICATIONS

- A. Note the following additions to Specification Section 01 35 23, Safety and Security Requirements, Section 1.05, Sub-Section B:

REVISE ITEM 1.05 B:

- B. At a minimum, the Contractor shall provide the services of at least one full-time on-site Contractor Safety and Security Manager (***SSM***), per construction work shift, for the duration of this Contract, with no other duties assigned, whenever the overall project value exceeds \$5,000,000 or whenever work includes one or more of the following:

1. Bridge work above tracks
2. Tunnel work below tracks
3. Cranes and rigging where required crane capacity is greater than 50-tons
4. Confined space entry
5. Excavations greater than 4-feet

When the Project value is less than \$5,000,000 the SSM need not be full-time on-site and the role may be performed by other qualified Project personnel on-site such as a Superintendent or Project Manager. However, whenever work includes one or more of the conditions enumerated above the Contractor shall provide an SSM to fulfill the duties as described herein. In such cases, the SSM shall be on-site for the duration of the work, ensuring the work is safely accomplished.

- B. Note the following revisions and additions to Specification Section 06 15 33, Timber Crossing, Section 1.1, Paragraph A, Sub-Section 1; Section 1.3, Paragraph B, Sub-Section 2; Section 2.2, Paragraph A, Sub-Section 1a; and Section 2.2, Paragraph B:

REVISE ITEM 1.1 A.1:

1. Composite decking (~~Trex, or approved equal~~).

REVISE ITEM 1.3 B.2:

2. Composite decking (~~Trex~~).

REVISE ITEM 2.2 A.1.a:

- a. ~~Trex Select~~ Decking Boards; 0.875" (*min*) x 5.5".

ADD ITEM 2.2 B:

B. *Products: Subject to compliance with requirements, or as acceptable to VRE, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:*

1. *Trex Select*
2. *MoistureShield Vision*
3. *Or approved equal*

4. REVISIONS TO PLANS/DRAWINGS

A. PAY ITEM DESCRIPTION AND QUANTITY SUMMARY (1 OF 2)

1. Replace Existing Drawing No. G-003 with new Drawing G-003 noted Addendum #2, dated 9/8/2020.

B. PAY ITEM DESCRIPTION AND QUANTITY SUMMARY (2 OF 2)

1. Replace Existing Drawing No. G-004 with new Drawing G-004 noted Addendum #2, dated 9/8/2020.

C. EXISTING PLATFORM REHABILITATION PLAN

1. Replace Existing Drawing No. A-112R with new Drawing A-112R noted Addendum #2, dated 9/8/2020.

D. STATIONS AND FACILITIES SIGNAGE

1. Replace Existing Drawing No. A-802R with new Drawing A-802R noted Addendum #2, dated 9/8/2020.

E. SIGN SCHEDULE

1. Replace Existing Drawing No. A-803R with new Drawing A-803R noted Addendum #2, dated 9/8/2020.

F. EXIT & FARE NOTIFICATION

1. Replace Existing Drawing No. A-804R with new Drawing A-804R noted Addendum #2, dated 9/8/2020.

G. STATION NAME & PROHIBITIONS

1. Replace Existing Drawing No. A-805R with new Drawing A-805R noted Addendum #2, dated 9/8/2020.

H. PLATFORM NOTICE & INFORMATION

1. Replace Existing Drawing No. A-806R with new Drawing A-806R noted Addendum #2, dated 9/8/2020.

5. LIST OF ADDENDUM NO. 2 DOCUMENTS (IN PDF)

- A. Revision to Drawings: Replace Existing Sheets below with New Sheets noted Addendum No. 2, dated 9/8/2020:

1. The following Drawings are re-issued with this Addendum:

G-003	A-803R
G-004	A-804R
A-112R	A-805R
A-802R	A-806R

B. The following Specifications are re-issued noted Addendum No. 2, dated 9/8/2020:

- SECTION 06 15 33 “Timber Crossing”
- SECTION 01 35 23 “Safety and Security Requirements”

C. Bid Form, annotated “Revised- Addendum Two” dated 9/8/2020 is re-issued.

D. Attachment M- VRE Train Schedule North and Southbound annotated “Addendum Two” is issued.

6. Except as specifically amended herein, all other terms and conditions of this solicitation remain unchanged and in full force and effect.

Bidders must acknowledge receipt of this Addendum by returning a signed original with the Bid package prior to the hour and date specified in the solicitation. Failure to acknowledge receipt of this Addendum may be grounds to declare your Bid non-responsive.

Company_____

Address _____

City _____ State _____ Zip Code _____

Name of Person Authorized to Sign _____
Print

Signature _____ Date _____

ATTACHMENT I

BID FORM

REVISED – ADDENDUM TWO

Dated 9/8/2020

Company Name: _____



A. BID CERTIFICATION

By my signature, I certify that I am authorized to bind this company/individual to provide the goods/services specified herein, in compliance with the scope of work/technical specifications, and other terms and conditions in this Invitation for Bids at the price provided in the Bid Form.

Signature _____ **Print** _____

Title _____ **Date** _____

Company Name _____

Address _____

City, State _____ **Zip Code** _____

Phone Number _____ **Email** _____



B. BID FORM

Item No.	Description	A Quantity	Unit	B Unit Price	C (A x B) Price
1.	Mobilization	1	LS	\$	\$
2.	General Conditions	12	MO	\$	\$
3.	Erosion & Sediment Control	0.72	ACRE	\$	\$
4.	Sitework [Site Civil/Drainage]	1	LS	\$	\$
5.	Utility Protection	1	LS	\$	\$
6.	Precast Platform	3800	SF	\$	\$
7.	Concrete Caps	42	CY	\$	\$
8.	Drilled Shafts	340	VLF	\$	\$
9.	Canopy	1005	SF	\$	\$
10.	Stairs on Grade	240	SF	\$	\$
11.	Electrical & Lighting	1	LS	\$	\$
12.	Communications	1	LS	\$	\$
13.	Platform Rehabilitation and Repairs	1	LS	\$	\$
14.	Existing Canopy Rehabilitation	1380	SF	\$	\$
15.	Stairs on Grade Replacement	210	SF	\$	\$
16.	Electrical & Lighting Rehabilitation	1	LS	\$	\$
17.	Communications Rehabilitation	1	LS	\$	\$
18.	Concrete Surface Repair	460	SF	\$	\$
TOTAL PRICE (Items 1-18)					\$
Company Name:					



NOTES:
NOTE: The Bid and any modification thereof shall be binding upon the Bidder for one hundred twenty (120) calendar days following the Bid closing date.
BASIS OF AWARD: VRE will award a contract to the conforming, responsible Bidder submitting the lowest Bid for the total bid price listed above. Line item unit prices proposed above will be fixed for the duration of this contract and serve as the determination of award. In case of error in calculation of extended prices, the unit price governs. Incomplete bids may cause the bid to be deemed non-responsive.
NOTE: <ul style="list-style-type: none"> (a) The Price shall be quoted in U.S. Dollars. (b) No erasures or other handwritten changes may appear on the Bid Form. (c) The Bid must be signed in ink. (d) Every item of the Bid Form must be completed, or the Bid may be deemed non-responsive. (e) The prices, without exception shall be net, not subject to discount, and shall include all royalties and costs arising from patents, trademarks, and copyrights in any way involved in the work.
NOTE: Unless indicated otherwise, Bidder's TOTAL PRICE shall be <u>inclusive of all costs</u> and shall include full compensation for all taxes, fees, shipping/delivery charges, materials, labor, equipment, tools, transportation, insurances, bonds, permits, overhead and profit, etc. necessary to complete the work in conformance with the Contract and to the satisfaction of VRE. Extra charges will not be allowed.
COMMENCEMENT, PROSECUTION AND COMPLETION OF WORK: The Contractor shall be required to: <ul style="list-style-type: none"> (a) Commence work under this contract within 10 calendar days after the date the Contractor receives Notice-To-Proceed; (b) Prosecute the work diligently; (c) All work shall be Substantially Completed within 365 consecutive calendar days from NTP.
LIQUIDATED DAMAGES: Liquidated Damages in the amount of \$3,680 per calendar day shall be assessed for late achievement of completion of all work.
NOTICE: See Contract Provision, Pre-construction Requirements regarding Pre-construction Conference and Notice-To-Proceed. See Specification 01 29 00 – 1.07 for Payment for Mobilization and the maximum mobilization value.



C. REFERENCES (PAST AND PRESENT EXPERIENCE)

(Bidders shall make additional copies of this form.)

1. Firm: _____
2. Address: _____
3. Point of Contact: _____
4. Title: _____
5. Telephone No.: _____
6. Fax No.: _____
7. Email Address: _____
8. Contract Title/Contract No.: _____
9. Original Contract Value: _____
10. Contract Value at Completion: _____
11. Contract Commencement Date: _____
12. Contract Completion Date: _____
13. Description of the Work: _____

(Prime Contractor)



D. REFERENCES (PAST AND PRESENT EXPERIENCE) Continued

Terminated Contracts

List below any contracts within the past five (5) years, if any, on which **failure to complete the work** within the specified time frame resulted either in the assessment of liquidated damages, penalties or contract termination.

(Bidders shall make additional copies of this form.)

Check if not applicable ()

1. Firm: _____
2. Address: _____
3. Point of Contact: _____
4. Title: _____
5. Telephone No.: _____
6. Fax No.: _____
7. Email Address: _____
8. Contract Title/Contract No.: _____
9. Original Contract Value: _____
10. Contract Value at Completion: _____
11. Contract Commencement Date: _____
12. Contract Completion Date: _____
13. Description of the Work: _____

(Prime Contractor)



E. SUBCONTRACTORS FORM

(Bidders shall make additional copies of this form as necessary.)

☐ **No Subcontractors will be utilized.**

1. Firm Name: _____

2. Address: _____

3. Contact: _____ Title: _____

4. Phone No.: _____ Fax No. or Email Address: _____

5. **Check (✓) all of the following which apply:**

☐ Small, Woman-owned and Minority-owned Business (SWaM)

*Certified by: _____

***(The SWaM certification must be attached)**

☐ Disadvantaged Business Enterprise (DBE)

*Certified by: _____

***(The DBE certification must be attached)**

6. **Annual Gross Receipts:**

Indicate by checking (✓) the appropriate block that applies to the Subcontractor:

☐ Less than \$7,500,000

☐ More than \$7,500,000

7. Type of work to be performed by the Subcontractor: _____

8. Location of work: _____

9. Estimated dollar amount of the work: \$ _____

NOTE: The following certifications included in ATTACHMENT C must be attached for each Subcontractor:

- 1) *Certification of Primary Participating Debarment, Suspension, and Other Ineligibility and Voluntary Exclusion*
- 2) *Certification of Restrictions on Lobbying*
- 3) *Non-Collusion Affidavit*

(Prime Contractor)

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ATTACHMENT M

VRE TRAIN SCHEDULE NORTH & SOUTHBOUND ADDENDUM TWO



FREDERICKSBURG LINE

VRE Trains (M - F)	S	S	S	S	S	S	S	S	Amtrak Trains*				
TRAIN #	300	302	304	306	308	310	312	314	86*	174*	84*	94*	66*
SPOTSYLVANIA	4:54a	5:04a	5:20a	5:34a	6:00a	6:20a	7:05a	7:33a	-	-	-	-	-
FREDERICKSBURG	5:05	5:15	5:31	5:45	6:11	6:31	7:16	7:44	6:56a	8:10a	9:25a	12:09p	7:27p
LEELAND ROAD	5:12	5:22	5:38	5:52	6:18	6:38	7:23	7:51	-	-	-	-	-
BROOKE	5:18	5:28	5:44	5:58	6:24	6:44	7:29	7:57	-	-	-	-	-
QUANTICO	-	5:40	5:56	6:10	6:36	6:56	7:41	8:09	7:16	8:32	9:47	12:29	7:52
RIPPON	-	5:49	6:05	6:19	6:45	7:05	7:50	8:18	-	-	-	-	-
WOODBIDGE	5:40	5:56	6:12	6:26	6:52	7:12	7:57	8:25	7:28	8:46	-	-	-
LORTON	-	6:03	6:19	6:33	6:59	7:19	8:04	8:32	-	-	-	-	-
FRANCONIA/SPRINGFIELD	-	6:11	6:27	6:41	7:07	7:27	8:12	8:40	-	-	-	-	-
ALEXANDRIA	6:07	6:23	6:39	6:53	7:19	7:39	8:24	8:52	7:52	9:12	10:26	1:04	8:25
CRYSTAL CITY (L)	6:16	6:32	6:48	7:02	7:28	7:48	8:33	9:01	-	-	-	-	-
L'ENFANT (L)	6:24	6:40	6:56	7:10	7:36	7:56	8:41	9:09	8:03	9:22	-	-	-
UNION STATION	6:32a	6:48a	7:04a	7:18a	7:44a	8:04a	8:49a	9:17a	8:15a	9:41a	10:45a	1:27p	8:54p

S = Special schedule for holidays and inclement weather; **L** = Train may depart when station work is completed, regardless of scheduled time.

🚲 = Train allows full-size bicycles/scooters. Collapsible bicycles/scooters are permitted on all trains. * = Available to VRE passengers in possession of a validated Seven-Day, Ten-Ride, TLC, 31-Day or Monthly Ticket and a Step-Up ticket. **VRE Info:** vre.org or 800-RIDE-VRE. **Amtrak Info:** amtrak.com or 800-USA-RAIL.

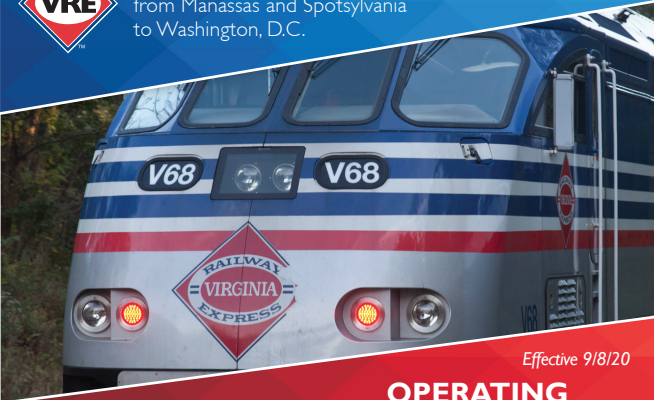
MANASSAS LINE

VRE Trains (M - F)	S	S	S	S	S	S	S	S	Amtrak*				
TRAIN #	322	324	326	328	330	332	336	338	176*				
BROAD RUN	5:05a	5:35a	6:15a	6:35a	7:20a	7:48a	2:45p	5:10p	-				
MANASSAS	5:13	5:43	6:23	6:43	7:28	7:56	2:51	5:16	10:20a				
MANASSAS PARK	5:19	5:49	6:29	6:49	7:34	8:02	2:56	-	-				
BURKE CENTRE	5:33	6:03	6:43	7:03	7:48	8:16	3:08	-	10:37				
ROLLING ROAD	5:38	6:08	6:48	7:08	7:53	8:21	-	-	-				
BACKLICK ROAD	5:46	6:16	6:56	7:16	8:01	8:29	-	-	-				
ALEXANDRIA	5:59	6:29	7:09	7:29	8:14	8:42	3:30	5:52	11:03				
CRYSTAL CITY (L)	6:08	6:38	7:18	7:38	8:23	8:51	-	-	-				
L'ENFANT (L)	6:16	6:46	7:26	7:46	8:31	8:59	-	-	11:05				
UNION STATION	6:24a	6:54a	7:34a	7:54a	8:39a	9:07a	3:55p	6:25p	11:20a				

Note: If you are only traveling between Alexandria and Union Station, you may ride either the Fredericksburg or Manassas line.







Commuter Rail Service
from Manassas and Spotsylvania
to Washington, D.C.




Effective 9/8/20

**OPERATING
SCHEDULE**





FREDERICKSBURG LINE

VRE Trains (M - F) **	S 	S	S	S 	S 		Amtrak Trains*						
TRAIN #	301	303	305	307	309	311	313	315	67*	95*	125*	93*	85*
UNION STATION	12:55p	3:10p	3:25p	4:10p	4:40p	5:15p	6:00p	6:40p	7:20a	2:30p	3:55p	5:50p	7:05p
L'ENFANT	1:03	3:18	3:33	4:18	4:48	5:23	6:08	6:48	-	-	4:01	5:55	-
CRYSTAL CITY	1:10	3:25	3:40	4:25	4:55	5:30	6:15	6:55	-	-	-	-	-
ALEXANDRIA	1:18	3:33	3:48	4:33	5:03	5:38	6:23	7:03	7:38	2:48	4:14	6:09	7:22
FRANCONIA/SPRINGFIELD	1:29	3:44	3:59	4:44	5:14	5:49	6:34	7:14	-	-	-	-	-
LORTON	1:36	3:51	4:06	4:51	5:21	5:56	6:41	7:21	-	-	-	-	-
WOODBIDGE	1:44	3:59	4:14	4:59	5:29	6:04	6:49	7:29	-	3:05	4:32	-	7:40
RIPPON	1:50	4:05	4:20	5:05	5:35	6:10	6:55	7:35	-	-	-	-	-
QUANTICO	2:00	4:15	4:30	5:15	5:45	6:20	7:05	7:45	8:04	3:16	4:45	6:37	7:52
BROOKE (L)	2:14	4:29	4:44	5:29	5:59	6:34	7:19	7:59	-	-	-	-	-
LEELAND ROAD (L)	2:23	4:38	4:53	5:38	6:08	6:43	7:28	8:08	-	-	-	-	-
FREDERICKSBURG (L)	2:31	4:46	5:01	5:46	6:16	6:51	7:36	8:16	8:23a	3:40p	5:12p	7:02p	8:17p
SPOTSYLVANIA	2:42p	4:57p	5:12p	5:57p	6:27p	7:02p	7:47p	8:27p	-	-	-	-	-

S = Special schedule for holidays and inclement weather; **L** = Train may depart when station work is completed, regardless of scheduled time.

 = Train allows full-size bicycles/scooters. Collapsible bicycles/scooters are permitted on all trains. * = Available to VRE passengers in possession of a validated Seven-Day, Ten-Ride, TLC, 31-Day or Monthly Ticket and a Step-Up ticket. **VRE Info:** vre.org or 800-RIDE-VRE. **Amtrak Info:** amtrak.com or 800-USA-RAIL.

MANASSAS LINE

VRE Trains (M - F)		S 	S	S	S		S 		Amtrak*
TRAIN #	321	325	327	329	331	333	335	337	171*
UNION STATION	6:25a	1:15p	3:45p	4:25p	5:05p	5:30p	6:10p	6:50p	4:50p
L'ENFANT	-	1:23	3:53	4:33	5:13	5:38	6:18	6:58	4:56
CRYSTAL CITY	-	1:30	4:00	4:40	5:20	5:45	6:25	7:05	-
ALEXANDRIA	6:42	1:38	4:08	4:48	5:28	5:53	6:33	7:13	5:11
BACKLICK ROAD	-	1:49	4:19	4:59	5:39	6:04	6:44	7:24	-
ROLLING ROAD (L)	-	1:57	4:27	5:07	5:47	6:12	6:52	7:32	-
BURKE CENTRE (L)	-	2:03	4:33	5:13	5:53	6:18	6:58	7:38	5:30
MANASSAS PARK (L)	-	2:17	4:47	5:27	6:07	6:32	7:12	7:52	-
MANASSAS (L)	7:32	2:24	4:54	5:34	6:14	6:39	7:19	7:59	5:49p
BROAD RUN	7:42a	2:34p	5:04p	5:44p	6:24p	6:49p	7:29p	8:09p	-

Note: If you are only traveling between Alexandria and Union Station, you may ride either the Fredericksburg or Manassas line.

** SOUTHBOUND SEASONAL SCHEDULE

The Seasonal Schedule is effective the first service day after Memorial Day through the last service day prior to Labor Day. Only the southbound trains and stations displayed below differ from the schedule to the left. Should these trains arrive early at these stations, trains may depart early.



TRAIN #	301	303	305	307	309	311
QUANTICO	2:02	4:17	4:32	5:17	5:47	6:22
BROOKE (L)	2:21	4:36	4:51	5:36	6:06	6:41
LEELAND ROAD (L)	2:30	4:45	5:00	5:45	6:15	6:50
FREDERICKSBURG (L)	2:38	4:53	5:08	5:53	6:23	6:58
SPOTSYLVANIA	2:51p	5:06p	5:21p	6:06p	6:36p	7:11p

VIRGINIA RAILWAY EXPRESS



SECTION 06 15 33 - TIMBER CROSSING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Composite decking (~~Trex, or approved equal~~).
2. Support framing.

1.2 ACTION SUBMITTALS

- A. Product Data: For preservative-treated wood products and composite decking.

1.3 INFORMATIONAL SUBMITTALS

A. Material Certificates:

1. For preservative-treated wood products. Indicate type of preservative used and net amount of preservative retained.

B. Evaluation Reports: For the following, from ICC-ES:

1. Preservative-treated wood products.
2. Composite decking (~~Trex~~).
3. Decking fasteners.

1.4 DESIGN/PERFORMANCE REQUIREMENTS

A. Composite Decking Structural Performance

1. Deck: Uniform Load – 100 lbs/sq.ft.

B. Fire-Surface Burning Characteristics per ASTM E-84.

1.5 WARRANTY

- A. Composite Decking: Provide manufactures warranty against rot, decay, splitting, checking, splintering, fungal damage and termite damage for a period of 10-years.

PART 2 - PRODUCTS

2.1 LUMBER, GENERAL

- A. Comply with DOC PS 20 and with grading rules of lumber grading agencies certified by ALSC's Board of Review as applicable. If no grading agency is indicated, comply with the applicable rules of any rules-writing agency certified by ALSC's Board of Review.
1. Factory mark each item with grade stamp of grading agency.
 2. Provide dressed lumber, S4S, unless otherwise indicated.
- B. Maximum Moisture Content:
1. Boards: 15 percent.
 2. Dimension Lumber: 19 percent.
 3. Timber: 19 percent.

2.2 COMPOSITE DECKING

- A. Wood-Plastic Composite Lumber:
1. Material Description: Composite Decking consisting of recycled Linear Low Density Polyethylene (LLDPE) and recycled wood. The product is extruded into shapes and sizes as follows:
 - a. ~~Trex Select~~ Decking Boards; 0.875" (*min*) x 5.5".
 - b. Lengths – 12, 16, and 20 feet.
 - c. Color – To be specified by owner from standard list of colors.
- B. Products: Subject to compliance with requirements, or as acceptable to VRE, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:***
- 1. Trex Select***
 - 2. MoistureShield Vision***
 - 3. Or approved equal***

2.3 DIMENSION LUMBER FRAMING

- A. Deck Framing: No. 2 of the following species:
1. Hem-fir (North); NLGA.
 2. Southern pine; SPIB.
 3. Douglas fir-larch; WCLIB or WWPA.
 4. Spruce-pine-fir; NLGA.
 5. Douglas fir-south; WWPA.
 6. Hem-fir; WCLIB or WWPA.
 7. Douglas fir-larch (North); NLGA.
 8. Spruce-pine-fir (South); NeLMA, WCLIB, or WWPA.

2.4 PRESERVATIVE TREATMENT

- A. Pressure treat boards and dimension lumber with waterborne preservative according to AWP A U1; Use Category UC4a for items in contact with the ground.
- B. Preservative Chemicals: Acceptable to authorities having jurisdiction.
 - 1. Do not use chemicals containing arsenic or chromium.
- C. Use process that includes water-repellent treatment.
- D. Application: Treat all wood unless otherwise indicated.

2.5 FASTENERS

- A. General: Provide fasteners of size and type indicated, acceptable to authorities having jurisdiction, and that comply with requirements specified in this article for material and manufacture. Provide nails or screws, in sufficient length, to penetrate not less than 1-1/2 inches into wood substrate.
 - 1. Use stainless steel unless otherwise indicated.
 - 2. For pressure-preservative-treated wood, use stainless-steel fasteners.
 - 3. For composite wood decking, use stainless-steel fasteners.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Set work to required levels and lines, with members plumb, true to line, cut, and fitted. Fit work to other construction; scribe and cope as needed for accurate fit.
- B. Framing Standard: Comply with AF&PA WCD1 unless otherwise indicated.
- C. Install composite decking to comply with manufacturer's written instructions.

END OF SECTION 06 15 33

SECTION 01 35 23**Safety and Security Requirements****PART 1 - GENERAL****1.01 SUMMARY**

Section includes requirements for safety and security including, but not limited to, the following:

- A. VRE safety & security requirements
- B. Railroad safety & security requirements
- C. General construction safety & security requirements

1.02 RELATED SECTIONS

- A. Section 01 35 13 – Host Railroad Coordination
- B. General Provisions
- C. VRE Critical Safety Roles for VRE Projects

1.03 SAFETY AND SECURITY REQUIREMENTS

- A. The goal of VRE is to provide a safe and healthy worksite with zero accidents and injuries and no property damage or loss. In addition to the safety and security requirements included in this document, the Contractor shall abide by the Critical Safety Roles for VRE Projects included as an Attachment to the Invitation for Bid (IFB). Wherever conflicts or discrepancies exist between requirements, the more stringent requirement shall govern.
- B. The Contractor shall maintain a secure perimeter at all times for the duration of construction. All gates or points of entry shall be opened at the beginning of the workday and closed and locked at the end of the workday by the Contractor. Where openings in the perimeter are required due to construction, temporary fencing or other measures (such as additional guard) shall be employed.
- C. Movement of personnel and materials into the project site shall be monitored by VRE. All Contractor personnel, including delivery drivers, must present approved identification for entry. See Special Provisions for specific information. The Safety and Security Manager (SM) shall provide VRE a list of approved personnel and/or companies on a weekly basis.
- D. The Contractor is responsible for security of all Project materials and equipment stored on the project site. Additional fencing and / or security agent(s) may be required. Any cost for such measures shall be borne by the Contractor.
- E. The Contractor shall provide and maintain a working radio to VRE for communications between VRE security personnel and the SSM.
- F. The SSM shall be responsible for coordinating and controlling:
 - 1. Issuing and maintaining Personal Protective Equipment (PPE).
 - 2. Safety and security compliance of all contracted and subcontracted personnel.

1.04 SUBMITTALS**A. Contractor's Site Specific Safety Plan**

Contractor shall complete and submit one (1) electronic (.pdf) version of the Contractor's Site Specific Safety Plan, to VRE, for review and approval, no later than seven (7) calendar days prior to the scheduled date of the Preconstruction Conference. Once approved by VRE, the Contractor shall submit two (2) hard copies of the plan in a three-ring binder with a proper cover sheet, labels, table of contents, and tabbed dividers as necessary to ensure the document is reader-friendly.

Additionally, the Contractor shall provide original signature of Page 2, included in the "Rules to Live By" attachment for each employee who will access VRE property. VRE's Rules to Live By can be found at VRE Webpage- <https://www.vre.org/safety/safety-initiatives/contractors/>

The VRE Site Specific Safety Plan Template is included as an Attachment of the IFB.

B. Monthly Safety Reports

The Contractor shall provide monthly safety reports to VRE, for information only, written by the Contractor's Safety and Security Manager assigned to the project. The report shall be submitted to VRE along with the Contractor's monthly Application for Payment. The monthly safety report can be combined with the monthly Construction Report, if desired. The monthly safety report shall include, but not be limited to, the following information:

Project name & location (City/County and State)

VRE contract number

Contractor's name

Reporting period (shall always be the calendar month)

List of subcontractors that performed work on the project during the reporting period

Brief description of work performed during the reporting period, including specific locations on the project

A list of all safety incidents encountered during the reporting period, noting the type of incident, such as:

Recordable Injuries or Illnesses as defined by OSHA as death, loss of consciousness, days away from work (lost time), restricted work activity or job transfer (light duty), or medical treatment beyond first aid

First Aid Injuries or Illnesses

Near Miss Incident, defined by OSHA as an incident in which no property was damaged and no personal injury was sustained, but where, given a slight shift in time or position, damage or injury easily could have occurred

The official reports prepared by the Contractor for each safety incident shown on the list

A list of all safety violations noted or suggestions shared with Contractor employees and a description of actions taken to address the issue

An update for any incidents/violations encountered in prior months but not yet closed out

C. Contractor Safety Briefing Documentation

The Contractor shall submit to VRE, for information only, a record of daily safety briefings held at the site prior to beginning work each day. Written documentation of the daily safety briefings (VRE Jobs & Safety Briefing Guide) shall be submitted to VRE on a monthly basis along with the Contractor's monthly Application for Payment. A separate document shall be provided for each day the Contractor is on the site. The VRE Jobs & Safety Briefing Guide can be found at VRE Webpage- <https://www.vre.org/safety/safety-initiatives/contractors/>.

1.05 SAFETY PERSONNEL

- A. The Contractor shall provide, or cause to be provided, all technical expertise, qualified personnel, equipment, tools, and material to safely accomplish the Work specified to be performed by the Contractor and subcontractor(s).
- B. At a minimum, the Contractor shall provide the services of at least one full-time on-site Contractor Safety and Security Manager (**SSM**), per construction work shift, for the duration of this Contract, with no other duties assigned, whenever the overall project value exceeds \$5,000,000 or whenever work includes one or more of the following:

1. Bridge work above tracks
2. Tunnel work below tracks
3. Cranes and rigging where required crane capacity is greater than 50-tons
4. Confined space entry
5. Excavations greater than 4-feet

When the Project value is less than \$5,000,000 the SSM need not be full-time on-site and the role may be performed by other qualified Project personnel on-site such as a Superintendent or Project Manager. However, whenever work includes one or more of the conditions enumerated above the Contractor shall provide an SSM to fulfill the duties as described herein. In such cases, the SSM shall be on-site for the duration of the work, ensuring the work is safely accomplished.

The Contractor shall identify to VRE, a competent, qualified, and authorized Safety and Security Manager on the worksite and who is, by training or experience, familiar with policies, regulations and standards applicable to the work being performed.

- C. The Safety and Security Manager (SSM) shall be responsible for the safety and security requirements as indicated herein.

The competent, qualified and authorized person must be capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous or dangerous to employees, shall be capable of ensuring that applicable safety regulations are complied with, and shall have the authority and responsibility to take prompt corrective

measures, which may include removal of the Contractor's personnel from the work site or holding or stopping specific work activities to remedy safety or security issues.

- D. The Contractor shall submit the résumés of individual(s) proposed to serve in the role of the Contractor's Safety and Security Manager to the CM for approval in writing. Résumés shall include but not be limited to such items as: work experience, education, safety and health training completed, memberships in professional associations, professional certifications, professional registrations and professional references confirming the qualifications and personal references of contacts for verification shall also be required.

The SSM will be interviewed by the VRE PM and the CM. The VRE PM and CM will assign written approval of the Safety Manager. Only qualified personnel will be approved. On-site work may not be performed until the Safety and Security Manager is approved and present on-site.

- E. Qualifications: The SSM must be a full-time on-site position with one of the following qualifications:

Minimum of ten years of safety management experience in managing safety programs on large construction projects comparable to this Contract in scope and complexity.

A Certified Safety Professional (CSP) or a Licensed Professional Engineer (PE) with a minimum of five years of experience in railroad construction safety supervision.

- F. For contracts with exposure to the Railroad, the Safety Manager must have at least one-year experience in a railroad environment unless approved by the CM, taking into consideration the proximity of the project to railroad tracks.
- G. Prior to start of construction activities on Railroad Operating Environment/Worksite, the Contractor's Safety Manager shall tour the portions of the worksite affected by this work with VRE's Chief Safety Officer, or designee.

PART 2 - PRODUCTS

Not Used

PART 3 - EXECUTION

Not Used

END OF SECTION





PAY ITEM DESCRIPTION & ESTIMATED QUANTITY SUMMARY

NOTE: THE MEASUREMENT AND PAYMENT FOR EACH ITEM WILL INCLUDE, BUT MAY NOT BE LIMITED TO, ANY LABOR, MATERIALS, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK PER THE CONTRACT DRAWINGS AND REFERENCED SPECIFICATION SECTION(S) FOR THAT ITEM.

TABLE 1: SUMMARY OF ESTIMATED QUANTITIES AND PAY ITEM DESCRIPTIONS

	PAY ITEM NUMBER	VRE ITEM CODE(S)	PAY ITEM	EST. QTY.	UNIT	PAY ITEM DESCRIPTION	METHOD OF MEASUREMENT AND PAYMENT	REFERENCE TECHNICAL SPECIFICATION SECTION	
GENERAL BID ITEMS	1	04.00.0001	MOBILIZATION	1	LS	MOBILIZATION SHALL CONSIST OF PERFORMING PRELIMINARY OPERATIONS, INCLUDING MOVING PERSONNEL AND EQUIPMENT TO THE PROJECT SITE; PAYING BONDS AND INSURANCE PREMIUMS; FIELD VERIFYING EXISTING CONDITIONS; OBTAINING ALL NECESSARY PERMITS; AND FINAL CLEANING OF THE PLATFORM RAILINGS, LIGHTING, AND EQUIPMENT.	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. MOBILIZATION WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE. THIS PRICE SHALL INCLUDE DEMOBILIZATION.	01 29 00 01 77 00	
	2	04.00.0002	GENERAL CONDITIONS	12	MONTHS	GENERAL CONDITIONS SHALL CONSIST OF ALL ITEMS PERTINENT TO THE WORK THAT CAN NOT BE ASSIGNED TO OTHER PAY ITEMS OR MOBILIZATION, INCLUDING SUCH ITEMS BUT NOT LIMITED TO PROJECT MANAGEMENT AND COORDINATION; CONSTRUCTION PROGRESS DOCUMENTATION; HOST RAILROAD COORDINATION; SITE SAFETY AND SECURITY; QUALITY ASSURANCE AND QUALITY CONTROL; PROJECT EXECUTION; PROJECT CLOSEOUT; TEMPORARY FIELD OFFICE INCLUDING ITS THE FURNISHINGS, EQUIPMENT, AND UTILITIES; AND PREPARATION OF AS-BUILT DRAWINGS.	GENERAL CONDITIONS SHALL BE MEASURED IN MONTHS OF CONTRACT DURATION AND WILL BE PAID AT THE CONTRACT UNIT PRICE PER MONTH.	01 31 00 01 32 00 01 35 13 01 35 23	01 40 00 01 50 00 01 73 00 01 77 00
	3	04.40.4001	EROSION AND SEDIMENT CONTROL	0.72	ACRE	EROSION AND SEDIMENT CONTROLS SHALL INCLUDE THE INSTALLATION AND MAINTENANCE, AS REQUIRED AND/OR DIRECTED BY THE COUNTY INSPECTOR DURING CONSTRUCTION, OF TEMPORARY STONE CONSTRUCTION ENTRANCE, SILT FENCE, SUPER SILT FENCE, TEMPORARY SEEDING, STABILIZATION MATERIALS AND SAFETY FENCE. EROSION AND SEDIMENTATION CONTROL SHALL ALSO INCLUDE REMOVAL OF THE EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO THE COMPLETION OF CONSTRUCTION AND STABILIZATION OF ALL AREA DISTURBED WITH CONSTRUCTION WITH PERMANENT SEED AND A HEALTHY STAND OF GRASS COVER AS DETERMINED BY THE CONSTRUCTION MANAGER.	EROSION AND SEDIMENTATION CONTROL SHALL BE MEASURED AT THE CONTRACT UNIT PRICE PER ACRE OF DISTURBANCE WITHIN THE LIMITS OF CLEARING AND GRADING AS DEFINED BY THE PLANS. EROSION AND SEDIMENTATION CONTROL WILL BE PAID AT THE CONTRACT UNIT PRICE PER ACRE OF DISTURBANCE.	31 10 20 32 92 00	
	4	04.40.4002	SITWORK	1	LS	SITE WORK SHALL INCLUDE CLEARING AND GRUBBING; TREE REMOVAL; EXISTING CONCRETE PLATFORM, RAILING, LIGHT STRUCTURE, SIGN, PIER CAP AND CANOPY DEMOLITION; EARTHWORK INCLUDING EXCAVATION, GRADING, SUBBASE MATERIAL, BACKFILLING, AND TESTING NECESSARY FOR PROPOSED CONSTRUCTION; ALLAYING OF DUST; TREE AND PLANT PROTECTION; TIMBER TIES, COMPOSITE DECKING AND FABRICATING HARDWARE TO FURNISH A COMPLETE TIMBER CROSSING; REMOVAL OF EXISTING DETERIORATED CONCRETE SIDEWALK; SIDEWALK CONSTRUCTION INCLUDING SETTING FORMS, PLACING CONCRETE, FINISHING, CONSTRUCTING JOINTS, CURING AND PROTECTION; AND LEGALLY DISPOSING OF CLEARED AND GRUBBED MATERIAL, DEMOLITION MATERIAL AND EXCESS OR UNSUITABLE MATERIAL.	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. SITE WORK WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE.	02 41 19 03 30 00 06 13 53	31 10 00 31 20 00 31 23 19 32 13 13
	5	04.00.0005	UTILITY PROTECTION	1	LS	UTILITY PROTECTION SHALL INCLUDE IDENTIFYING AND LOCATING ALL EXISITNG UTILITIES WITHIN THE LIMITS OF WORK; TEST PITTING UTILITIES; DISCONNECTING UTILITIES TO BE DEMOLISHED; AND PROTECTING UTILITIES TO REMAIN AS REQUIRED FOR THE EXECUTION OF THE WORK.	NO MEASUREMENT SHALL BE MADE BY THE CONSTRUCTION MANAGER. UTILITY PROTECTION WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE.		
EXTENSION BID ITEMS	6	04.20.2001	PRECAST PLATFORM	3800	SF	PRECAST PLATFORM SHALL INCLUDE FURNISHING AND PLACING PRECAST CONCRETE PANELS; FILLING WITH NON-SHRINK GROUT AT THE CONNECTION OF THE CANOPY FRAME; SEALING EXPOSED PORTIONS OF CONCRETE; SEALING OF CONCRETE JOINTS; THE BLACK VINYL COATED CHAINLINK FABRIC AND SUPPORT POSTS BETWEEN THE BOTTOM OF THE PRECAST CONCRETE PANELS OF THE PLATFORM EXTENSION AND THE PROPOSED/EXISTING GRADE; PLATFORM GUARDRAIL AND MOUNTING HARDWARE (BENT PLATE, EXPANSION BOLTS AND NEOPRENE PAD), GROUNDING AND PAINTING OF THE GUARDRAIL; SURFACE APPLIED DETECTABLE TACTILE WARNING SURFACE ALONG THE EDGE OF THE PLATFORM; SUBMISSION OF A PDF PROOF OF SIGN ARTWORK AND METHODS OF MOUNTING FOR VRE APPROVAL PRIOR TO FABRIACATION: FABRICATION OF ALL SIGNS; PROVISION OF ALL MOUNTING HARDWARE AND SIGNAGE INSTALLATION	PRECAST PLATFORM SHALL BE MEASURED IN SQUARE FEET OF PRECAST CONCRETE PANEL, IN ACCORDANCE WITH THE NEAT LINES SHOWN ON THE PLANS, 2' x 3' CUTOUTS WILL NOT BE DEDUCTED. PLATFORM WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.	03 41 00 05 50 00 05 52 13	07 92 00 09 10 00 09 90 00
	7	04.20.2003	CONCRETE CAPS	42	CY	CONCRETE CAPS SHALL INCLUDE CAP BEAM CONCRETE, REINFORCING STEEL, BEARING PAD, BASE PLATE AND ANCHOR BOLTS; INSTALLING/REMOVING FORMWORK; FINISHING; CURING AND PROTECTION.	CONCRETE CAPS SHALL BE MEASURED IN CUBIC YARDS OF CONCRETE IN ACCORDANCE WITH THE NEAT LINES SHOWN ON THE PLANS. CAST-IN-PLACE CONCRETE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD UPON TESTING VERIFICATION THAT THE REQUIRED COMPRESSIVE STRENGTH HAS BEEN MET.	03 30 00 07 92 00	
	8	04.20.2004	DRILLED SHAFTS	340	VLF	DRILLED SHAFTS SHALL INCLUDE PROVIDING ACCESS FOR DRILLING EQUIPMENT; EARTHWORK; INSTALLATION AND REMOVAL OF TEMPORARY SHORING; DRILLING; FURNISHING AND INSTALLING CASING; PREPARING THE HOLE; CAST-IN-PLACE CONCRETE; AND REINFORCING STEEL.	DRILLED SHAFTS SHALL BE MEASURED IN VERTICAL LINEAR FEET OF SHAFT FROM THE BOTTOM OF CAP BEAM, TO THE BOTTOM OF THE FINISHED HOLE, AS MEASURED ALONG THE CENTERLINE OF THE HOLE. DRILLED SHAFTS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER VERTICAL LINEAR FOOT UPON TESTING VERIFICATION THAT THE REQUIRED COMPRESSIVE STRENGTH HAS BEEN MET.	03 30 00 31 50 00 31 63 29	
	9	04.20.2005	CANOPY	1005	SF	CANOPY SHALL INCLUDE METAL ROOF PANELS; SNOW GUARDS; GUTTERS; DOWNSPOUTS; FABRICATION; SHOP PAINTING; ERECTION OF STRUCTURAL STEEL SUPPORTS; CLEANING; AND FIELD PAINTING.	CANOPY SHALL BE MEASURED IN SQUARE FEET OF PLATFORM CANOPY COVER IN ACCORDANCE WITH THE PLAN VIEW NEAT LINES SHOWN ON THE PLANS. CANOPY WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.	05 12 00 07 41 13 07 62 00	05 12 13 07 60 00 09 90 00
	10	04.20.2009	STAIRS ON GRADE	240	SF	STAIRS ON GRADE SHALL INCLUDE EARTH WORK, SETTING FORMS, PLACING CONCRETE, REINFORCING STEEL, FINISHING, HANDRAIL, CONSTRUCTNG JOINTS, JOINT SEALANT, CURING AND PROTECTION FOR THE STAIR AND SIDEWALK LANDINGS BETWEEN FLIGHTS OF STAIRS TO PROVIDE A COMPLETE PEDESTRIAN CONNECTION BETWEEN THE PARKING LOT AND PLATFORM.	STAIRS ON GRADE WILL BE MEASURED IN SQUARE FEET OF PROJECTED TREAD AND LANDING AREA AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT OF PROJECTED TREAD AND LANDING AREA.	03 30 00 03 41 00 07 92 00	
	11	04.20.2011	ELECTRICAL AND LIGHTING	1	LS	ELECTRICAL AND LIGHTING SHALL INCLUDE POLE MOUNTED LUMINAIRE BODY, REFRACTORS, BALLASTS, SOCKETS WITH LAMP, CONDUCTOR CABLES TO THE TERMINI AT THE BASE, POLE, POLE BASE AND ANCHORS; CANOPY LIGHT LUMINAIRE BODY, REFRACTORS, BALLASTS, SOCKETS WITH LAMPS PENDANT MOUNTING HARDWARE; PHOTOELCECTRIC CONTROLS AND SOCKETS; GROUNDING; ADJUSTMENT AND TESTING; ALL ELECTRICAL CONDUIT (RACEWAYS), CONDUCTOR AND BOXES TO ALL ELECTRICAL EQUIPMENT INCLUDING LIGHTS, VMS, TVM, AND CAMERAS.	MO MEASUREMENT WILL BE MADE BY THE CONSTRUCTION MANAGER. ELECTRICAL AND LIGHTING WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE.	26 05 19 26 05 33 26 50 00	
	12	04.20.2012	COMMUNICATIONS	1	LS	COMMUNICATIONS SHALL INCLUDE SPEAKERS; WIRING AND MOUNTING OF SPEAKERS; ADJUSTMENTS AND TESTING AT THE LOCATIONS ALONG THE PLATFORM EXSTENSION AS INDICATED ON THE PLANS. INCLUDE ALL CONDUIT (RACEWAYS), CONDUCTOR AND BOXES TO ALL COMMUNICATION EQUIPMENT INCLUDING CAMERAS, VMS, AND TVM.	NO MEASUREMENT WILL BE MADE BY THE CONSTRUCTION MANAGER. COMMUNICATIONS WILL BE PAID AT THE CONTRACT LUMP SUM PRICE.	26 05 19 26 05 33	

SEE DIVISION OF WORK NOTES ON SHEET G-004.

	APPROVED BY VRE	REV.NO.	DATE	BY	APP BY	DESCRIPTION	DESIGNED BY:				Dewberry Engineers Inc. 8601 ARLINGTON BLVD. FAIRFAX, VA 22031 PHONE: 703.849.0100 FAX: 703.849.0118	ROLLING ROAD STATION IMPROVEMENTS		IFB NO:	021-005	
		0	08/14/2020			INVITATION FOR BID	KAF					DRAWING NO:	G-003			
			09/08/2020			VRE IFB ADDENDUM #2	DRAWN BY:					KAF	SCALE:	AS NOTED		
	APPROVED BY COUNTY						CHECKED BY:					TCC	PAY ITEM DESCRIPTION & QUANTITY SUMMARY (1 OF 2)		SHEET NO:	4 OF 51
							DATE:					08-14-2020				




PAY ITEM DESCRIPTION & ESTIMATED QUANTITY SUMMARY

NOTE: THE MEASUREMENT AND PAYMENT FOR EACH ITEM WILL INCLUDE, BUT MAY NOT BE LIMITED TO, ANY LABOR, MATERIALS, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK PER THE CONTRACT DRAWINGS AND REFERENCED SPECIFICATION SECTION(S) FOR THAT ITEM.

	PAY ITEM NUMBER	VRE ITEM CODE(S)	PAY ITEM	EST. QTY.	UNIT	PAY ITEM DESCRIPTION	METHOD OF MEASUREMENT AND PAYMENT	REFERENCE TECHNICAL SPECIFICATION SECTION	
REHABILITATION BID ITEMS	13	04.20.2014	PLATFORM REHABILITATION AND REPAIRS	1	LS	PLATFORM REHABILITATION AND REPAIRS SHALL INCLUDE REMOVAL AND REPLACEMENT OF EXISTING STAIR NOSING WITH ALUMINUM STAIR NOSING AND PAINTING OF CONCRETE STAIR AND RAMP WALLS; PRESSURE WASHING OF ALL VISIBLE AREA OF EXISTING PLATFORM; SEALING OF CONCRETE JOINTS; RE-GROUTING UNDER BASE PLATES; HANDRAIL/GUARDRAIL REPAIR, CLEANING, AND PAINTING IN-PLACE; REMOVAL OF EXISTING SIGNAGE; SUBMISSION OF PDF PROOF OF SIGN ARTWORK AND METHODS OF MOUNTING FOR VRE APPROVAL PRIOR TO FABRIACATION; FABRICATION OF ALL SIGNS; PROVISION OF ALL MOUNTING HARDWARE AND SIGNAGE INSTALLATION ON THE EXISTING PLATFORM; REMOVAL AND DISPOSAL OF THE EXISTING TACTILE WARNING SURFACE AND FURNISHING AND INSTALLING SURFACE APPLIED DETECTABLE TACTILE WARNING SURFACE INCLUDING JOINT SEALANT ON ALL EDGES ALONG THE EDGE OF THE PLATFORM; REMOVAL AND DISPOSAL OF EXISITNG CHAIN LINK FENCE FABRIC BELOW THE EXISTING PLATFORM TO EXISTING GRADE AND INSTALLATION OF NEW BLACK VINYL COATED CHAIN LINK FENCE FABRIC AS DETAILED ON THE PLANS. EXISTING SUPPORT POSTS TO BE REUSED NOT REPLACED.	NO MEASUREMENT WILL BE MADE BY THE CONSTRUCTION MANAGER. PLATFORM REHABILITATION AND REPAIRS WILL BE PAID AT THE CONTRACT LUMP SUM PRICE.	05 50 00 05 12 13 05 55 01 07 92 00	09 10 00 09 99 00 31 33 00
	14	04.20.2013	EXISTING CANOPY REHABILITATION	1380	SF	EXISTING CANOPY REHABILITATION SHALL INCLUDE REMOVAL THE EXISTING CANOPY ROOF AND REPLACEMENT WITH A NEW METAL PANEL ROOF SYSTEM; SNOW GUARDS; GUTTERS; DOWNSPOUTS; SURFACE PREPARATION, PRIMING AND REPAINTING OF ALL EXPOSED EXISTING CANOPY STRUCTURAL STEEL.; AND SHALL INCLUDE LEGAL DISPOSAL OF EXISTING ROOFING.	EXISTING CANOPY REHABILITATION SHALL BE MEASURED IN SQUARE FEET OF METAL ROOF PANEL IN ACCORDANCE WITH THE NEAT LINES SHOWN ON THE PLANS AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.	05 12 00 07 41 13 07 62 00	05 12 13 07 60 00 09 90 00
	15	04.20.2009	STAIRS ON GRADE REPLACEMENT	210	SF	STAIRS ON GRADE REPLACEMENT SHALL INCLUDE STAIR #1 DEMOLITION, FURNISHING AND REPLACING A NEW PRECAST STAIR AND HANDRAIL, SEALING EXPOSED PORTIONS OF CONCRETE, AND SEALING OF CONCRETE JOINTS. STAIRS ON GRADE REPLACEMENT SHALL ALSO INCLUDE MAINTAINING TWO POINTS OF ACCESS, ONE OF WHICH IS ADA COMPLIANT, AT ALL TIMES DURING STAIR DEMOLITION AND REPLACEMENT.	STAIRS ON GRADE REPLACEMENT WILL BE MEASURED IN SQUARE FEET OF PROJECTED TREAD AREA AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT OF PROJECTED TREAD AREA.	03 41 00 07 92 00	
	16	04.20.2011	ELECTRICAL AND LIGHTING REHABILITATION	1	LS	ELECTRICAL AND LIGHTING REHABILITATION INCLUDES REMOVAL AND DISPOSAL OF ALL EXISTING POLE MOUNTED AND PENDANT LIGHTS, MOUNTING HARDWARE, CONDUIT AND CONDUCTORS, PATCHING EXISTING CONCRETE, AND INSTALLATION OF POLE MOUNTED LUMINAIRE BODY, CANOPY MOUNTED LUMINAIRE BODY; REFRACTORS, BALLASTS, SOCKETS WITH LAMP; CONDUCTOR CABLES TO THE TERMINI AT THE BASE; POLE, PENDANT MOUNTING HARDWARE; POLE BASE AND ANCHORS; PHOTOELECTRIC CONTROLS AND SOCKETS; GROUNDING; ADJUSTMENTS AND TESTING; REMOVAL AND REPLACEMENT OF ELECTRICAL PANEL AND ALL ELECTRICAL PANEL CONDUIT (RACEWAYS), CONDUCTOR, AND BOXES TO ALL EXISTING ELECTRICAL EQUIPMENT INCLUDING LIGHTS, VMS, AND TVM.	NO MEASUREMENT WILL BE MADE BY THE CONSTRUCTION MANAGER. ELECTRICAL AND LIGHTING REHABILITATION WILL BE PAID AT THE CONTRACT LUMP SUM PRICE.	26 05 19 26 05 33 26 50 00	
	17	04.20.2012	COMMUNICATION REHABILITATION	1	LS	COMMUNICATION REHABILITATION SHALL INCLUDE REMOVAL AND DISPOSAL OF EXISTING SPEAKERS AND SPEAKER WIRE; NEW SPEAKERS, MOUNTING AND WIRING NEW SPEAKERS, ADJUSTMENT AND TESTING SPEAKERS AT THE LOCATIONS ALONG THE EXISTING PLATFORM AS INDICATED ON THE PLANS; REMOVAL AND REPLACEMENT OF ALL COMMUNICATION CONDUIT (RACEWAYS), CONDUCTOR, AND BOXES TO ALL COMMUNICATION EQUIPMENT INCLUDING CAMERAS, VMS, TVM AND SPEAKERS; AND SHALL INCLUDE PLACEMENT OF NEW COMMUNICATION CABINET SUPPORT PAD AND SETTING NEW CABINET.	NO MEASUREMENT WILL BE MADE BY THE CONSTRUCTION MANAGER. COMMUNICATION REHABILITATION WILL BE PAID AT THE CONTRACT LUMP SUM PRICE.	26 05 19 26 05 33	
	18	04.20.2014.1	CONCRETE SURFACE REPAIR	460	SF	CONCRETE SURFACE REPAIR SHALL INCLUDE SURFACE PREPARATION, CRACK REPAIR, PRIMING OF EXPOSED REINFORCING STEEL, AND CONCRETE PATCHING OF EXISTING STAIRS ON GRADE, RAMP AND PLATFORM.	CONCRETE SURFACE REPAIR WILL BE MEASURED IN SQUARE FEET OF CONCRETE SURFACE AREA SUBJECT TO REPAIR AS FIELD MEASURED BY THE CONSTRUCTION MANAGER, AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.	31 33 00	

DIVISION OF WORK NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION AND REGULATORY PERMITS; CODE AND REGULATORY AGENCY INSPECTIONS AND COMPLIANCE; COORDINATING WITH PRIVATE UTILITY COMPANIES; COORDINATING WITH VRE DEPARTMENTS THAT WILL BE IMPACTED BY THE PROJECT; AND ALL CONSTRUCTION ACTIVITIES, EXCEPT THOSE SPECIFICALLY INDICATED TO BE THE RESPONSIBILITY OF OTHERS, REQUIRED TO COMPLETE THE WORK.
2. THE HOST RAILROAD, NORFOLK SOUTHERN RAILWAY (NSR), WILL PROVIDE EMPLOYEE-IN-CHARGE (EIC) FOR ALL FLAGGING UNDERFORCE ACCOUNT TO VRE. VRE WILL INITIALLY ARRANGE FOR THE EIC TO PROVIDE PROTECTION FOR THE PROJECT. ONCE ASSIGNED TO THE PROJECT, THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING THE DAILY SCHEDULE WITH THE EIC.
3. NSR WILL BE RESPONSIBLE FOR REMOVAL OF THE EXISTING ASPHALT CROSSING LOCATED AT THE NORTH END OF THE EXISTING PLATFORM.
4. VRE WILL BE RESPONSIBLE FOR FURNISHING AND CONNECTING VARIABLE MESSAGE SIGNS (VMS), TICKET VENDING MACHINES (TVM) AND SECURITY CAMERAS.
5. THE CONTRACTOR SHALL PROVIDE JUNCTION BOX FOR POWER AND COMMUNICATION CONNECTION OF VMS SIGNAGE MOUNTED TO CANOPY AND ROUTE NEW CONDUIT TO EACH LOCATION.
6. THE CONTRACTOR SHALL EXTEND CONDUIT AND PENETRATE PLATFORM FOR TVM POWER AND COMMUNICATION; PROVIDE JUNCTION BOX MOUNTED FOR TVM CONNECTION.
7. CONTRACTOR SHALL EXTEND CONDUIT FOR POWER AND COMMUNICATION TO PROPOSED CAMERA LOCATIONS, TERMINATE IN A JUNCTION BOX MOUNTED ON THE CANOPY.
8. VRE IS RESPONSIBLE FOR PROVIDING NEW COMMUNICATION CABINET FOR THE CONTRACTOR TO INSTALL.

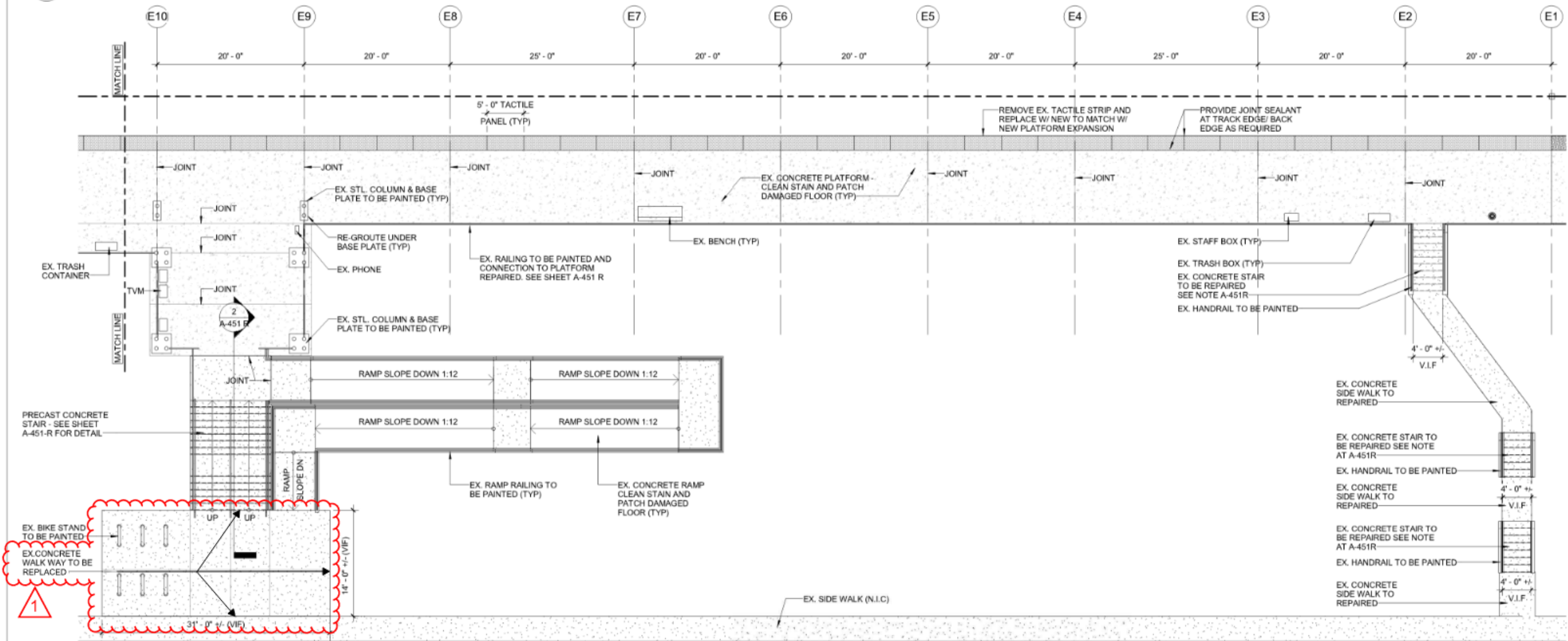
APPROVED BY VRE	REV NO.	DATE	BY	APP BY	DESCRIPTION	DESIGNED BY:			 Dewberry Engineers Inc. 8401 ARLINGTON BLVD. FAIRFAX, VA 22031 PHONE: 703.849.0100 FAX: 703.849.0118	ROLLING ROAD STATION IMPROVEMENTS		IFB NO:	021-005
	0	08/14/2020			INVITATION FOR BID	KAF						DRAWING NO:	G-004
		09/08/2020			VRE IFB ADDENDUM #2	KAF						SCALE:	AS NOTED
	APPROVED BY COUNTY					TCC				PAY ITEM DESCRIPTION & QUANTITY SUMMARY (2 OF 2)		SHEET NO:	5 OF 51
						DATE: 08-14-2020							

GENERAL NOTES

1. CONTRACTOR TO MAINTAIN THE MINIMUM HORIZONTAL CLEARANCES SHOWN DURING CONSTRUCTION AT ALL PROPOSED WORK LOCATIONS. CONTRACTOR SHALL NOT INTERFERE WITH RAIL OPERATIONS OR UNDERMINE THE EXISTING TRACK INTEGRITY.
2. CONTRACTOR TO VISIT SITE AND VERIFY EXISTING CONDITIONS PRIOR TO BID SUBMISSION. DISCREPANCIES BETWEEN CONSTRUCTION INDICATED ON DRAWINGS AND ACTUAL SITE CONDITIONS SHALL BE BROUGHT TO ARCHITECT'S ATTENTION IMMEDIATELY IN WRITING.
3. ITEMS INDICATED "TO REMAIN" THAT ARE DAMAGED DURING THE PERFORMANCE OF THE DEMOLITION WORK SHALL BE REPORTED TO OWNER'S REPRESENTATIVE IMMEDIATELY, AND SUBMIT A REPAIR SOLUTION TO CONSTRUCTION MANAGER FOR REVIEW.
4. COORDINATE DEMOLITION WORK WITH NEW CONSTRUCTION WORK IN EACH AREA OF DEMOLITION. EXISTING CONSTRUCTION IN AREAS ADJACENT TO DEMOLITION WORK SHALL BE PATCHED AND REPAIRED TO MATCH ORIGINAL EXISTING CONDITION AS REQUIRED TO PROVIDE FOR NEW CONSTRUCTION WORK IN AREA OF DEMOLITION.
5. AT LOCATIONS WHERE A PORTION OF EXISTING CONSTRUCTION IS TO BE REMOVED AND PREPARED FOR NEW INFILL CONSTRUCTION, OR AN OPENING IN A WALL, ROOF, OR FLOOR IS CREATED BY DEMOLITION WORK, CONSTRUCT INFILL WITH SAME MATERIALS AND METHOD OF CONSTRUCTION AS EXISTING ADJACENT CONSTRUCTION, UNLESS NOTED OTHERWISE. SEE ARCHITECTURAL DRAWINGS FOR INFILL CONSTRUCTION. INFILL CONSTRUCTION SHALL SMOOTHLY BUTT ADJACENT SURFACES AND MATCH THE FINISH, U.N.O.
6. AT LOCATIONS WHERE AN ITEM IS TO BE REMOVED FROM A SURFACE THAT IS TO REMAIN, PATCH AND REPAIR EXISTING SURFACE TO MATCH EXISTING ADJACENT SURFACE, UNLESS INDICATED OTHERWISE.
7. EXISTING ITEMS ANCHORED TO CONSTRUCTION THAT ARE INDICATED TO BE DEMOLISHED SHALL BE CONSIDERED A PART OF DEMOLISHED CONSTRUCTION AND SHALL BE DEMOLISHED WITH THE INDICATED CONSTRUCTION, UNLESS NOTED OTHERWISE.
8. IN CONDITIONS WHERE A FLOOR FINISH IS DEMOLISHED CREATING A DISSIMILAR ELEVATION IN ADJACENT FLOOR FINISHES, INSTALL AN APPROVED LEVELING MATERIAL TO BRING LOWER FLOOR FINISH ELEVATION UP TO AN ELEVATION FLUSH WITH ADJACENT FLOOR.
9. CONSTRUCT TEMPORARY DUST PARTITIONS TO CONTAIN DEMOLITION WORK AND PREVENT CONSTRUCTION DUST FROM ENTERING ADJACENT EXISTING CONSTRUCTION. SUBMIT LOCATIONS OF THESE PARTITIONS FOR APPROVAL BY OWNER'S REPRESENTATIVE. PARTITION LOCATIONS SHALL NOT IMPEDE OR HINDER EMERGENCY EGRESS FROM STATION. REFER TO SPECIFICATIONS FOR CONSTRUCTION OF DUST PARTITIONS.
10. IF EXISTING CONSTRUCTION IS REVEALED NOT CONSTRUCTED OR FINISHED IN A MANNER THAT MATCHES ADJACENT SURFACES, PATCH AREA AS NECESSARY WITH APPROPRIATE MATERIALS AND METHODS OF CONSTRUCTION TO MATCH EXISTING ADJACENT FINISH, OR PREPARE SURFACE FOR INSTALLATION OF NEW FINISH. CONTACT OWNER'S REPRESENTATIVE AS SOON AS POSSIBLE SO THAT CONCEALED CONSTRUCTION MAY BE IDENTIFIED AND SCOPE OF POSSIBLE ADDITIONAL WORK DETERMINED.
11. WHEN EXISTING SURFACE IS INDICATED TO BE "PATCHED AND REPAIRED" OR "PREPARED" TO RECEIVE NEW FINISH MATERIAL, PROVIDE A CONSTRUCTION SURFACE THAT IS CAPABLE OF RECEIVING NEW FINISH MATERIAL.

1 PARTIAL PLATFORM PLAN

Scale: 1/8" = 1'-0"



2 PARTIAL PLATFORM PLAN

Scale: 1/8" = 1'-0"



APPROVED BY VRE	REV NO.	DATE	BY	APP BY	DESCRIPTION
	0	08/14/2020			INVITATION FOR BID
	1	09/08/2020			VRE IFB ADDENDUM #2
APPROVED BY COUNTY					

DESIGNED BY:
MD
DRAWN BY:
MD
CHECKED BY:
MS
DATE
08-14-2020



ROLLING ROAD STATION
IMPROVEMENTS

EXISTING PLATFORM
REHABILITATION PLAN

IFB NO:	021-005
DRAWING NO.	A-112 R
SCALE:	AS NOTED
SHEET NO.	38 OF 51

GENERAL NOTES:

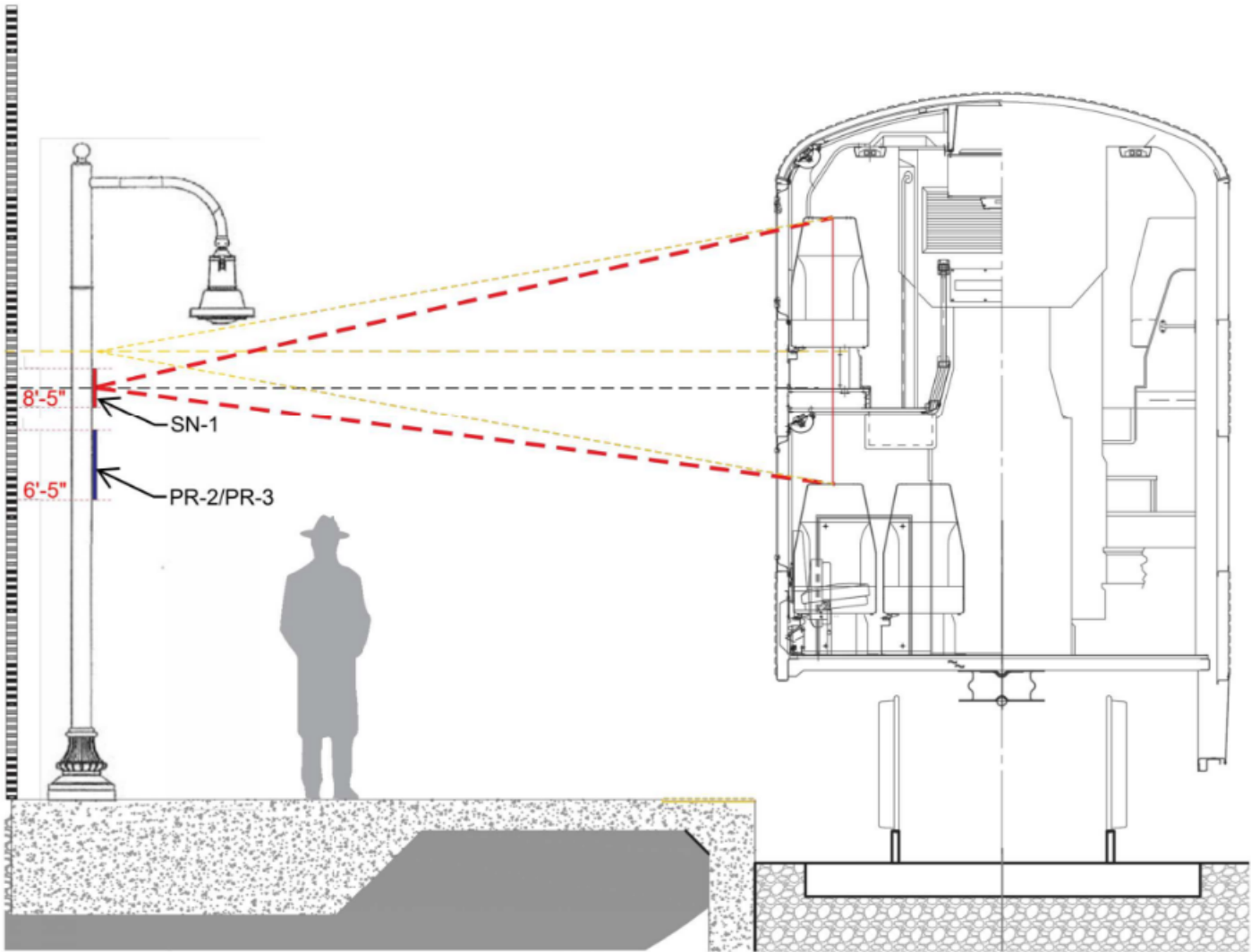
- ALL SIGNS SHALL MEET THE FOLLOWING GENERAL REQUIREMENTS UNLESS NOTED OTHERWISE.
1. THE CONTRACTOR SHALL PROVIDE ARTWORK FOR ALL VRE (STATIONS AND FACILITIES) SIGNS FOR REVIEW AND APPROVAL BT VRE PRIOR TO FABRICATION AND INSTALLATION.
 2. VRE WILL PROVIDE AGENCY LOGO UPON REQUEST.
 3. SIGN PANEL MATERIAL (MINIMUM THICKNESS):
 - 0.08 (ABOUT 0.10" THICK) ALUMINUM 5052 TENSILE STRENGTH (FOR SIGN PANELS UP TO 24" WIDE IN ANY DIMENSION.
 - 0.10 (ABOUT 0.125" THICK) ALUMINUM 5052 TENSILE STRENGTH (FOR SIGN PANELS LARGER THAN 24" IN ANY DIMENSION UP TO 6'-0".
 4. FONT: GIL SANS MT (BOLD) UPPER CASE UNLESS NOTED OTHERWISE.
 5. OVERLAY: 3M 1160 PREMIUM PROTECTIVE OVERLAY.
 6. FILM/SHEETING: 3M ENGINEERED REFLECTIVE GRADE SERIES 3290 OF HIGHER - WHITE.
 7. METHOD: ALL SIGNS SHALL BE SCREEN PRINTED, NOT VINYL LETTERS, EXCEPT WHEN THEY ARE CUT OUT FOR OTHER APPLICATIONS SUCH AS STATION SHELTERS.
 8. MATCH COLORS LISTED BELOW OR SUBMIT EQUAL FOR REVIEW AND APPROVAL:
 - TUNDRA: MBCI SIGNATURE 300: STANDARD MANU. COLOR
 - NAVY BLUE: TNEMEC FLOURONAR F073-63BL NAVY BLUE
 - COMMONWEALTH RED: PMS 187C
 - COMMONWEALTH BLUE: PMS 288U
 9. GRAFFITI RESISTANCE: CLEAR, SEMI-GLOSS TOPCOAT TO ALL SIGN PANEL.
 10. FOR STENCIL MARKINGS AND STRIPING:
 - MARKINGS SHALL BE FULL FOR TEXT AND LETTERS.
 - PRIMER: APPLY PRIMER TO FILL SURFACE POROSITY OF CONCRETE.
 - MINIMUM TWO (2) COATS.
 11. ALL HOLES FOR MOUNTING SHALL BE DRILLED IN THE SHOP.
 12. MOUNTING HARDWARE: TAMPER PROOF SS 316
 13. THESE ARE TYPICAL VRE SIGNS. DESIGNERS SHOULD DEVELOP FOR VRE APPROVAL ADDITIONAL SIGNS AS REQUIRED.
 14. SIGN NUMBER ABBREVIATIONS ARE AS FOLLOWS:
 - L = LEFT / R = RIGHT
 - U = UP / D = DOWN
 - B = BACK
 - E = SIGN FACING RAILROAD EAST / W = SIGN FACING RAILROAD WEST

TABLE 1: STATION COLOR PALETTE

STATION	STATION COLORS					
	ROOF ¹	STEEL FRAMING ³	STEEL INFILL	RAILING POST/RAIL	RAILING INFILL	STATION SIGNS
UNION STATION ⁵	-	-	-	-	-	-
L'ENFANT	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE
CRYSTAL CITY	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE
ALEXANDRIA ⁵	-	-	-	-	-	NAVY BLUE
FRANCONIA-SPRINGFIELD	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH RED
LORTON	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH RED
RIPPON	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH RED
POTOMAC SHORES	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH RED
QUANTICO	N/A ⁴	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH RED
BROOKE	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH RED
LEELAND ROAD	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH RED
FREDERICKSBURG ⁵	-	-	-	-	-	COMMONWEALTH RED
SPOTSYLVANIA	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH RED
BACKLICK ROAD	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH BLUE
ROLLING ROAD	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH BLUE
BURKE CENTRE	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH BLUE
MANASSAS PARK	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH BLUE
MANASSAS ⁵	-	-	-	-	-	COMMONWEALTH BLUE
BROAD RUN	TUNDRA	NAVY BLUE	NAVY BLUE	NAVY BLUE	NAVY BLUE	COMMONWEALTH BLUE

COLOR PALETTE NOTES:

- ALL SIGNS SHALL MEET THE FOLLOWING GENERAL REQUIREMENTS UNLESS NOTED OTHERWISE.
1. MATCH EXISTING ROOF COLOR FOR CANOPY EXTENSIONS UNLESS REPLACING EXISTING ROOF.
 2. COLOR APPEARANCE ON SCREEN OR IN PRINT NOT TO BE USED FOR MATCHING.
 3. INCLUDING JOISTS.
 4. QUANTICO CANOPIES ARE UNIQUE REFLECTING THE HISTORIC STATUS OF THE STATION.
 5. VRE SHARES RESPONSIBILITY FOR MAINTENANCE AT UNION STATION, ALEXANDRIA, MANASSAS AND FREDERICKSBURG. COLOR PALETES FOR THESE STATIONS WILL BE HANDLED ON AN INDIVIDUAL BASIS.







VRE LAMPPOST SIGN SIGHT LINE
TYPICAL INSTALLATION

	APPROVED BY VRE	REV. NO.	DATE	BY	APP BY	DESCRIPTION	DESIGNED BY:				Dewberry Engineers Inc. 8401 ARLINGTON BLVD. FAIRFAX, VA 22031 PHONE: 703.849.0100 FAX: 703.849.0118	ROLLING ROAD STATION IMPROVEMENTS STATIONS AND FACILITIES SIGNAGE	IFB NO:	021-005
		0	08/14/2020			INVITATION FOR BID	KAF						DRAWING NO:	A-802R
			09/08/2020			VRE IFB ADDENDUM #2	KAF						SCALE:	NONE
	APPROVED BY COUNTY						TCC						SHEET NO:	43 OF 51
							DATE: 08-14-2020							

TABLE 2: SIGN SCHEDULE – STATIONS AND FACILITIES

ITEM	SIGN NO.	DESCRIPTION / GENERAL LOCATION	QUANTITY	SIZE (W X H) (INCHES)	NOTES	MOUNTING METHOD	MOUNTING HEIGHT	COMMENTS/SPECIAL INSTRUCTIONS
1	EN-1	BRaille STATION LOCATION	1	14.5 X 11.125	AT ADA COMPLIANT ENTRANCE	MAY BE SUSPENDED, POST MOUNTED OR ANCHORED TO WALL (VARIES BY LOCATION)	BOTTOM EDGE 3'-4" ABOVE PLATFORM	STATION SPECIFIC INFORMATION
2	EX-1L/EX-1R	EXIT TO ADA RAMP - LEFT/RIGHT	2	30 X 10.5	AT ADA COMPLIANT EXIT	SUSPENDED FROM CANOPY W/ 1" X 1" SQUARE TUBING, BACK TO BACK WITH SIGN EX-2	BOTTOM EDGE 8'-0" ABOVE PLATFORM	WHEELCHAIR SYMBOL ON END OF SIGN NEAREST TRACK
3	EX-3L/EX-3R	STANDARD EXIT - LEFT/RIGHT	4	30 X 10.5	DIRECTION TO EXIT	MAY BE SUSPENDED, POST MOUNTED OR ANCHORED TO WALL (VARIES BY LOCATION)	BOTTOM EDGE 6'-5" TO 8'-0" ABOVE PLATFORM	-
4	FN-1	FARE NOTICE: PROOF OF PAYMENT	1	56 X 13.5	-	ON POST/COLUMN OR SUSPENDED NEAR PLATFORM ENTRY	BOTTOM EDGE 8'-0" ABOVE PLATFORM	DOUBLE-SIDED WITH TY-1
5	NT-1	NO TRESPASSING	2	66 X 24	-	ON HANDRAIL/PICKETS FACING PLATFORM	TOP EDGE 1" ABOVE TOP OF HANDRAIL	-
6	PN-1	PLATFORM NOTICE	2	90 X 18	BACK OF SN-2	SUSPENDED FROM CANOPY W/ 1" X 1" SQUARE TUBING, BACK TO BACK WITH SIGN SN-2	BOTTOM EDGE 8'-10" ABOVE PLATFORM	-
7	PN-2E	PLATFORM NOTICE - EAST	2	40 X 16	-	ATTACHED TO FASCIA TRUSS OF TYPE 1 (GABLE) CANOPY, BACK TO BACK WITH SN-2	BOTTOM EDGE 8'-10" ABOVE PLATFORM	DOUBLE SIDED WITH SN-2 FACING TRACKS
8	PN-3E	PLATFORM NOTICE - EAST	2	40 X 16	-	ATTACHED TO FASCIA TRUSS OF TYPE 1 (GABLE) CANOPY, BACK TO BACK WITH SN-3	BOTTOM EDGE 8'-10" ABOVE PLATFORM	-
9	PR-1	PROHIBITIONS	1	6 X 18	-	BANDED TO LIGHT POLE OR CANOPY COLUMN	BOTTOM EDGE 6'-5" ABOVE PLATFORM	-
10	PR-2	PROHIBITIONS	10	6 X 18	-	BANDED TO LIGHT POLE	BOTTOM EDGE 6'-5" ABOVE PLATFORM	-
11	PR-3	PROHIBITIONS	1	6 X 18	-	BANDED TO LIGHT POLE	BOTTOM EDGE 6'-5" ABOVE PLATFORM	WHERE SMOKING IS ALLOWED (NORTHERN 100' OF PLATFORM)
12	SC-1	SECURITY NOTICE	1	12 X 18	-	BANDED TO LIGHT POLE OR CANOPY COLUMN	-	-
13	SM-1	BRaille SYSTEM MAP	1	19 X 34	AT ADA COMPLIANT ENTRANCE	POST OR COLUMN MOUNTED ON RIGHT SIDE OF DESIGNATED ADA ENTRANCE	CENTER OF SIGN 4'-9" ABOVE PLATFORM/WALKWAY	ENSURE SIGN IS FACING WALKWAY AND LEGIBLE TO BRaille USERS
14	SN-1	STATION NAME	10	36 X 10	STATION NAME ON LAMP POST	BANDED TO LIGHT POLE	BOTTOM EDGE 8'-5" ABOVE SIGN BELOW	-
15	SN-3	STATION NAME	4	90 X 18	STATION NAME UNDER CANOPY	ATTACHED TO FASCIA TRUSS OF TYPE 1 (GABLE) CANOPY, BEHIND PN2/PN-3	-	-
16	SN-4	STATION NAME	1	102 x 16	AT ENTRANCE	ATTACHED TO FASCIA TRUSS OF TYPE 1 (GABLE) CANOPY	-	-
17	TI-1	TRAIN INFORMATION - 4 POSTER WIDE	1	102 X 9	PLASTIC NOT ALUMINUM	ATOP CORK BOARD SIGN FOR VRE POSTERS FOR FARE AND SCHEDULE	-	FOR 4-POSTER WIDE WIDE DISPLAYS
18	TN-1	TRACK NUMBER - #1	5	12 x 12	-	BANDED TO CANOPY COLUMN OR LAMP POST PERPENDICULAR TO TRACK	BOTTOM EDGE 6'-5" ABOVE PLATFORM	-
19	TY-1	THANK YOU: BACK OF FN-1	1	56 X 13.5	-	OPPOSITE SIGN FN-1	BOTTOM EDGE 8'-0" ABOVE PLATFORM	DOUBLE SIDED WITH FN-1
COLUMN	A	B	C	D	E	F	G	H



	APPROVED BY VRE	REV.NO.	DATE	BY	APP BY	DESCRIPTION	DESIGNED BY:			 Dewberry Engineers Inc. 8401 ARLINGTON BLVD, FARMER, VA 22031 PHONE: 703.245.0100 FAX: 703.245.0118	ROLLING ROAD STATION IMPROVEMENTS		IFB NO: 021-005
		0	08/14/2020			INVITATION FOR BID	KAF				DRAWING NO: A-803R		
			09/08/2020			VRE IFB ADDENDUM #2	DRAWN BY: KAF				SCALE: NONE		
		APPROVED BY COUNTY									CHECKED BY: TCC	SHEET NO: 44 OF 51	
							DATE: 08-14-2020						



COLORS:	BAR & TEXT	WHITE
	PICTOGRAM	WHITE
	BACKGROUND	TNEMEC NAVY BLUE F073-63BL
FONTS:	GILL SANS MT (BOLD)	
OBVERSE:	MATCH STEEL COLOR (BLANK IF WALL MOUNTED)	

EXIT TO ADA RAMP (EX-1)
NOTE: EX-1R SHOWN
VARIANTS: EX-1L



COLORS:	BAR & TEXT	WHITE
	BACKGROUND	TNEMEC NAVY BLUE F073-63BL
FONTS:	GILL SANS MT (BOLD)	
OBVERSE:	MATCH STEEL COLOR (BLANK IF WALL MOUNTED)	

STANDARD EXIT (EX-3)
NOTE: EX-3L SHOWN
VARIANTS: EX-3R, EX-3U, EX-3D, EX-3D, EX-3B



COLORS:	BAR & TEXT	WHITE
	BACKGROUND	TNEMEC NAVY BLUE F073-63BL
FONTS:	GILL SANS MT (BOLD)	
OBVERSE:	DUPLICATE OF FRONT	

TRACK NUMBER (TN-1)

PROOF OF PAYMENT REQUIRED

VRE PASSENGERS MUST PURCHASE AND VALIDATE TICKETS PRIOR TO BOARDING TRAINS.

VIOLATORS SUBJECT TO A FINE OF NOT LESS THAN \$150⁰⁰.

CODE OF VIRGINIA SECTION 18.2-160.1

COLORS:	BAR	WHITE
	BACKGROUND	YELLOW (PMS 116C)
	TEXT	BLACK (PMS PROCESS BLACK C)
FONTS:	FIRST LINE	GILL SANS MT (BOLD)
	OTHER LINES	GILL SANS MT
OBVERSE:	BLANK	

FARE NOTICE (FN-1)



COLORS:	BAR	WHITE
	BACKGROUND	TNEMEC NAVY BLUE F073-63BL
	TEXT	WHITE
	LOGO	RED (PMS 186) BLUE (PMS 286) BLACK (PMS PROCESS BLACK C)
FONTS:	FIRST LINE	GILL SANS MT (BOLD)
	OTHER LINES	GILL SANS MT
OBVERSE:	BLANK	

THANK YOU (TY-1)



	APPROVED BY VRE	REV.NO.	DATE	BY	APP BY	DESCRIPTION	DESIGNED BY:				ROLLING ROAD STATION IMPROVEMENTS		IFB NO: 021-005
		0	08/14/2020			INVITATION FOR BID	KAF				DRAWING NO: A-804R		
			09/08/2020			VRE IFB ADDENDUM #2	KAF				SCALE: NONE		
	APPROVED BY COUNTY						TCC				SHEET NO: 45 OF 51		
							DATE: 08-14-2020						

ROLLING ROAD

COLORS:	BAR, TEXT	WHITE
	BACKGROUND	COMMONWEALTH BLUE (PMS 288U)
FONTS:	STATION NAME	GILL SANS MT (BOLD)
OBVERSE:	MATCH POLE COLOR	

STATION NAME (SN-1)

ROLLING ROAD

COLORS:	BAR, TEXT	WHITE
	BACKGROUND	COMMONWEALTH RED (PMS 187C)
FONTS:	STATION NAME	GILL SANS MT (BOLD)
	DESTINATION	GILL SANS MT
OBVERSE:	BLANK	

STATION NAME (SN-3)



ROLLING ROAD

COLORS:	BAR, TEXT	WHITE
	BACKGROUND	COMMONWEALTH BLUE (PMS 288U)
	LOGO	RED (PMS 186) BLUE (PMS 286) BLACK (PMS PROCESS BLACK C)
FONTS:	STATION NAME	GILL SANS MT (BOLD)
	DESTINATION	GILL SANS MT
OBVERSE:	MATCH STEEL COLOR	

STATION NAME (SN-4)



**DANGER
NO TRESPASSING!**
Stay off the tracks.
Remain behind the yellow line
until the train stops.

COLORS:	BAR, TEXT, FIELDS	WHITE
	PEOPLE	BLACK (PMS PROCESS BLACK C)
	CIRCLE, BACKGROUND	RED (PMS 187C)
FONTS:	FIRST TWO LINES	GILL SANS MT (BOLD)
	OTHER TEXT	GILL SANS MT
OBVERSE:	MATCH STEEL COLOR	

NO TRESPASSING (NT-1)



COLORS:	BAR, TEXT, FIELDS	WHITE
	PEOPLE	BLACK (PMS PROCESS BLACK C)
	CIRCLE	RED (PMS 187C)
	BACKGROUND	TNEMEC NAVY BLUE F073-63BLA
FONTS:	GILL SANS MT (BOLD)	
OBVERSE:	MATCH POLE/COLUMN COLOR	

PROHIBITIONS (PR-1) PROHIBITIONS (PR-2)

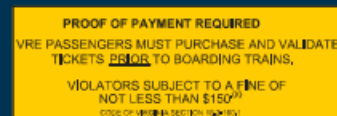


COLORS:	BAR, TEXT, FIELDS	WHITE
	PEOPLE	BLACK (PMS PROCESS BLACK C)
	CIRCLES	GREEN (PMS 342C) & RED (PMS 187C)
	BACKGROUND	TNEMEC NAVY BLUE F073-63BLA
FONTS:	GILL SANS MT (BOLD)	
OBVERSE:	MATCH POLE COLOR	

PROHIBITIONS (PR-3)



	APPROVED BY VRE	REV. NO.	DATE	BY	APP BY	DESCRIPTION	DESIGNED BY:				ROLLING ROAD STATION IMPROVEMENTS STATION NAME & PROHIBITIONS	IFB NO:
		0	08/14/2020			INVITATION FOR BID	KAF					021-005
			09/08/2020			VRE IFB ADDENDUM #2	DRAWN BY:					DRAWING NO:
	APPROVED BY COUNTY						KAF					A-805R
							CHECKED BY:					SCALE:
							TCC					NONE
							DATE:					SHEET NO:
							08-14-2020					46 OF 51



Manassas

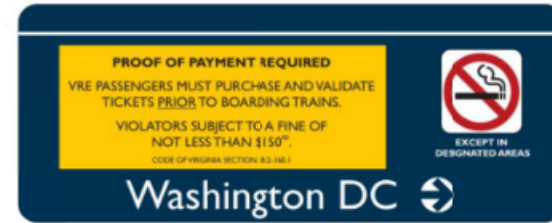
Washington DC

BASE SIGN		
COLORS:	BAR, TEXT	WHITE
	BACKGROUND	TNEMEC NAVY BLUE F073-63BL
FONT:	GILL SANS MT	
OBVERSE:	BLANK	
PICTOGRAMS		
COLORS:	BAR, TEXT, FIELDS	WHITE
	PEOPLE	BLACK (PMS PROCESS BLACK C)
	CIRCLE	RED (PMS 187C)

INTERIOR SIGN (LEFT) NO TRESPASSING			INTERIOR SIGN (RIGHT) PROOF OF PAYMENT		
COLORS:	TEXT	WHITE & BLACK (PMS PROCESS BLACK C)	COLORS:	TEXT	BLACK (PMS PROCESS BLACK C)
	BACKGROUND	WHITE & RED (PMS 187C) (TNEMEC NAVY BLUE F073-63BL)		BACKGROUND	YELLOW (PMS 116C)
FONT:	FIRST LINE	GILL SANS MT (BOLD)	FONT:	FIRST LINE	GILL SANS MT (BOLD)
	OTHER TEXT	GILL SANS MT		OTHER TEXT	GILL SANS MT

PLATFORM NOTICE (PN-1)

NOTE: PN-1E SHOWN
VARIANTS: PN-1W



BASE SIGN		
COLORS:	BAR, TEXT	WHITE
	BACKGROUND	TNEMEC NAVY BLUE F073-63BL
FONT:	GILL SANS MT	
OBVERSE:	BLANK	
INTERIOR SIGN (LEFT) NO TRESPASSING		
COLORS:	TEXT	WHITE & BLACK (PMS PROCESS BLACK C)
	BACKGROUND	WHITE & RED (PMS 187C) (TNEMEC NAVY BLUE F073-63BL)
FONT:	FIRST LINE	GILL SANS MT (BOLD)
	OTHER TEXT	GILL SANS MT

PLATFORM NOTICE (PN-2)

NOTE: PN-2E SHOWN
VARIANTS: PN-2W

BASE SIGN		
COLORS:	BAR, TEXT	WHITE
	BACKGROUND	TNEMEC NAVY BLUE F073-63BL)
FONT:	GILL SANS MT	
OBVERSE:	BLANK	
INTERIOR SIGN (RIGHT) PROOF OF PAYMENT		
COLORS:	TEXT	BLACK (PMS PROCESS BLACK C)
	BACKGROUND	YELLOW (PMS 116C)
FONT:	FIRST LINE	GILL SANS MT (BOLD)
	OTHER TEXT	GILL SANS MT
PICTOGRAMS		
COLORS:	BAR, TEXT, FIELDS	WHITE
	PEOPLE	BLACK (PMS PROCESS BLACK C)
	CIRCLE	RED (PMS 187C)

PLATFORM NOTICE (PN-3)

NOTE: PN-3E SHOWN
VARIANTS: PN-3W

ROLLING ROAD

9016 BURKE RD
BURKE

REPORT CRIME & SUSPICIOUS ACTIVITY TO 911

RAILROAD INFORMATION

RAILROAD NORFOLK SOUTHERN MILEPOST CFP 26.8
RAILROAD EMERGENCY CONTACT# 1.800.453.2530

COLORS:	BAR, TEXT, BORDER	WHITE
	BACKGROUND, OTHER TEXT	RED (PMS 187C)
FONT:	GILL SANS MT	
OBVERSE:	MATCH STEEL COLOR (BLANK IF WALL MOUNTED)	

BRaille STATION LOCATION (EN-1)

POLICE & VIDEO
SURVEILLANCE
MAY BE IN
PROGRESS
—
REPORT
SUSPICIOUS
ACTIVITY TO
911

COLORS:	BAR	WHITE
	BACKGROUND	YELLOW (PMS 116C)
FONT:	FIRST LINE	GILL SANS MT (BOLD)
	OTHER LINES	GILL SANS MT
OBVERSE:	MATCH POLE/COLUMN COLOR	

SECURITY NOTICE (SC-1)



VIRGINIA RAILWAY EXPRESS

TRAIN INFORMATION

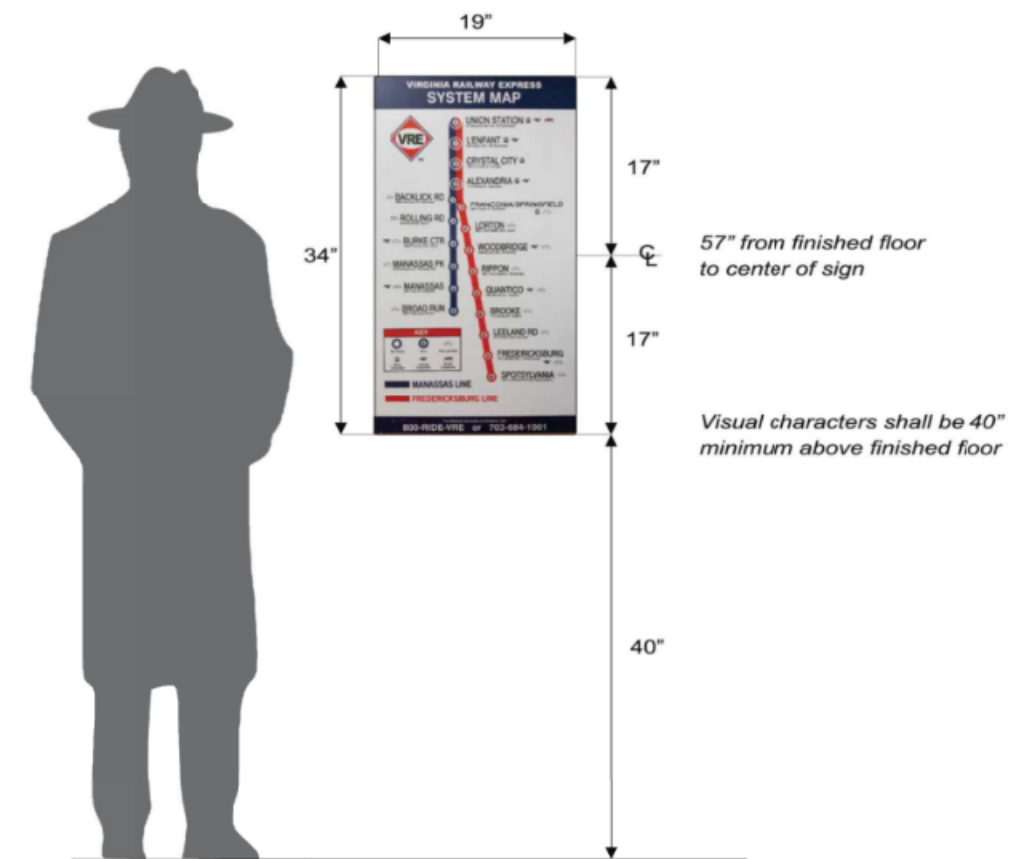
COLORS:	BAR, TEXT, LOGOTYPE	BLACK (PMS PROCESS BLACK C)
	BACKGROUND	WHITE
	LOGO	RED (PMS 186) BLUE (PMS 286) BLACK (PMS PROCESS BLACK C)
FONTS:	TEXT	GILL SANS MT (BOLD)
	LOGOTYPE	GILL SANS MT
OBVERSE:	BLANK	

TRAIN INFORMATION SIGN (TI-1B)





NOTE 1: THIS SIGN IS PLASTIC NOT ALUMINUM

NOTE 2: FOR 3 POSTER WIDE DISPLAYS

VARIANTS: TI-1B (4-POSTER WIDE DISPLAYS)



BRaille SYSTEM MAP (SM-1)

	APPROVED BY VRE	REV.NO.	DATE	BY	APP BY	DESCRIPTION	DESIGNED BY:				ROLLING ROAD STATION IMPROVEMENTS	IFB NO:	021-005	
		0	08/14/2020			INVITATION FOR BID	KAF					DRAWING NO:	A-806R	
			09/08/2020			VRE IFB ADDENDUM #2	KAF					SCALE:	NONE	
		APPROVED BY COUNTY										CHECKED BY:	TCC	SHEET NO:
												DATE:	08-14-2020	