

CADD REFERENCE NO.: 2023030\_BRIDGE

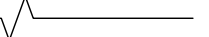


FHWA-534 DATA 26010  
Additional Right-of-Way required

STATE	FEDERAL AID		STATE		SHEET NO.
	ROUTE	PROJECT	ROUTE	PROJECT	
VA.	—	STP-5141(110)P101,R201,C501	—	U000-141-269	1
Federal Structure No. 000000000032036			FHWA Construction and Scour Code: N/A		
Federal Stewardship and Oversight Code:			NFO	UPC No. 116980	

GENERAL CONSTRUCTION NOTE:

THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH SUPPLEMENTAL SPECIFICATIONS, VDOT ROAD AND BRIDGE SPECIFICATIONS DATED 2020 & CURRENT REVISIONS AND VDOT ROAD AND BRIDGE STANDARDS, 2016 & CURRENT REVISIONS.













—————	EXISTING OBJECT LINES
—————	PROPOSED OBJECT LINES
- - - - -	EXISTING REINF. STEEL
—————	PROPOSED REINF. STEEL
——— 	CUTTING PLANE LINE
—————	CENTER LINE
- - - - -	HIDDEN LINES

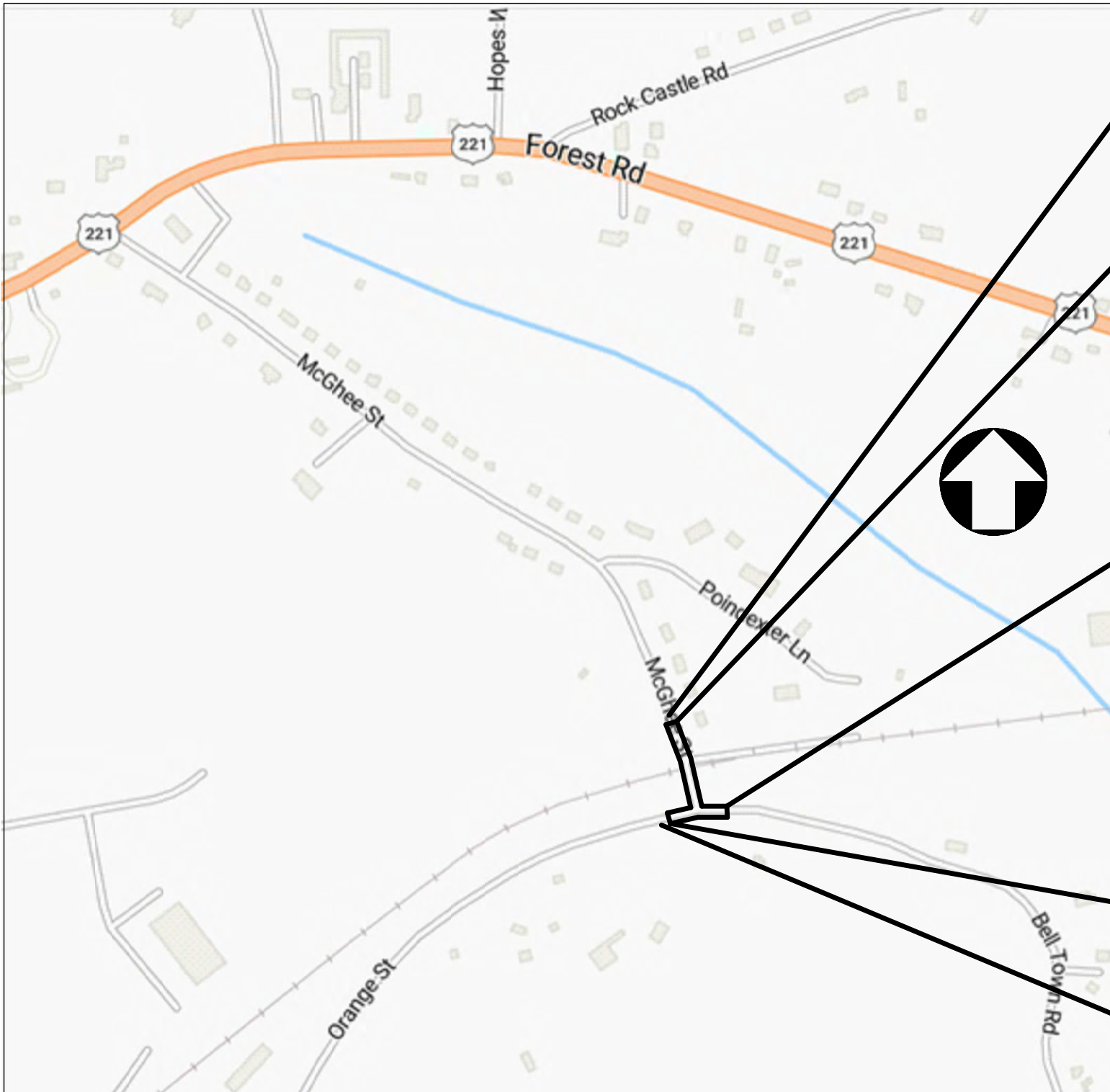
# TOWN OF BEDFORD, VIRGINIA

## PROPOSED BRIDGE REPLACEMENT

### MCGHEE STREET OVER NORFOLK SOUTHERN RAILWAY

FROM: INT. RTE. 718  
TO: 0.06 MI. NORTH INT. RTE. 718

CONVENTIONAL SIGNS		
STATE LINE	—————	LEVEE OR EMBANKMENT
COUNTY LINE	—————	BRIDGES
CITY,TOWN OR VILLAGE	—————	CULVERTS
RIGHT OF WAY LINE	—————	DROP INLET
FENCE LINE	——— 	POWER POLES
UNFENCED PROPERTY LINE	——— 	TELEPHONE OR TELEGRAPH POLES
FENCED PROPERTY LINE	——— 	TELEPHONE OR TELEGRAPH LINES
WATER LINE	——— 	HEDGE
SANITARY SEWER LINE	——— 	TREES
GAS LINE	——— 	HEAVY WOODS
ELECTRIC UNDERGROUND CABLE	——— 	GROUND ELEVATION
TRAVELED WAY	——— 	GRADE ELEVATION
GUARD RAIL	——— 	
RETAINING WALL	——— 	
RAILROADS	——— 	
BASE OR SURVEY LINE	——— 	



BEGIN PROJECT U000-141-269 R201  
STA. 11+03.91

BEGIN CONSTRUCTION/BEGIN PROJECT  
U000-141-269 P101, C501  
STA. 11+24.43

END CONSTRUCTION/END PROJECT  
U000-141-269 P101, C501, R201  
STA. 23+71.43

BEGIN CONSTRUCTION/BEGIN PROJECT  
U000-141-269 P101, C501  
STA. 21+69.69

BEGIN PROJECT U000-141-269 R201  
STA. 21+63.77

LOCATION MAP

POPULATION 6,657 (2020 CENSUS)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		TYPE PROJECT	DESCRIPTION
					FEET	MILES	FEET	MILES		
U000-141-269	P101	STP-5141(110)P101	PENG	116980	524.95	0.10	422.95	0.08	PRELIM. ENGR.	FROM INT. RTE. 718 TO 0.06 MI. NORTH INT. RTE. 718
	R201	STP-5141(110)R201	RDWA	116980	524.95	0.10	422.95	0.08	RIGHT OF WAY	FROM INT. RTE. 718 TO 0.06 MI. NORTH INT. RTE. 718
	C501	STP-5141(110)C501		116980	524.95	0.10	422.95	0.08	CONSTRUCTION	FROM INT. RTE. 718 TO 0.06 MI. NORTH INT. RTE. 718

NOTE: PROJECT LENGTH BASED ON CONSTRUCTION BASELINE

SCHWARTZ & ASSOCIATES  
LYNCHBURG, VA  
STRUCTURAL ENGINEER

TIER 1 PROJECT

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

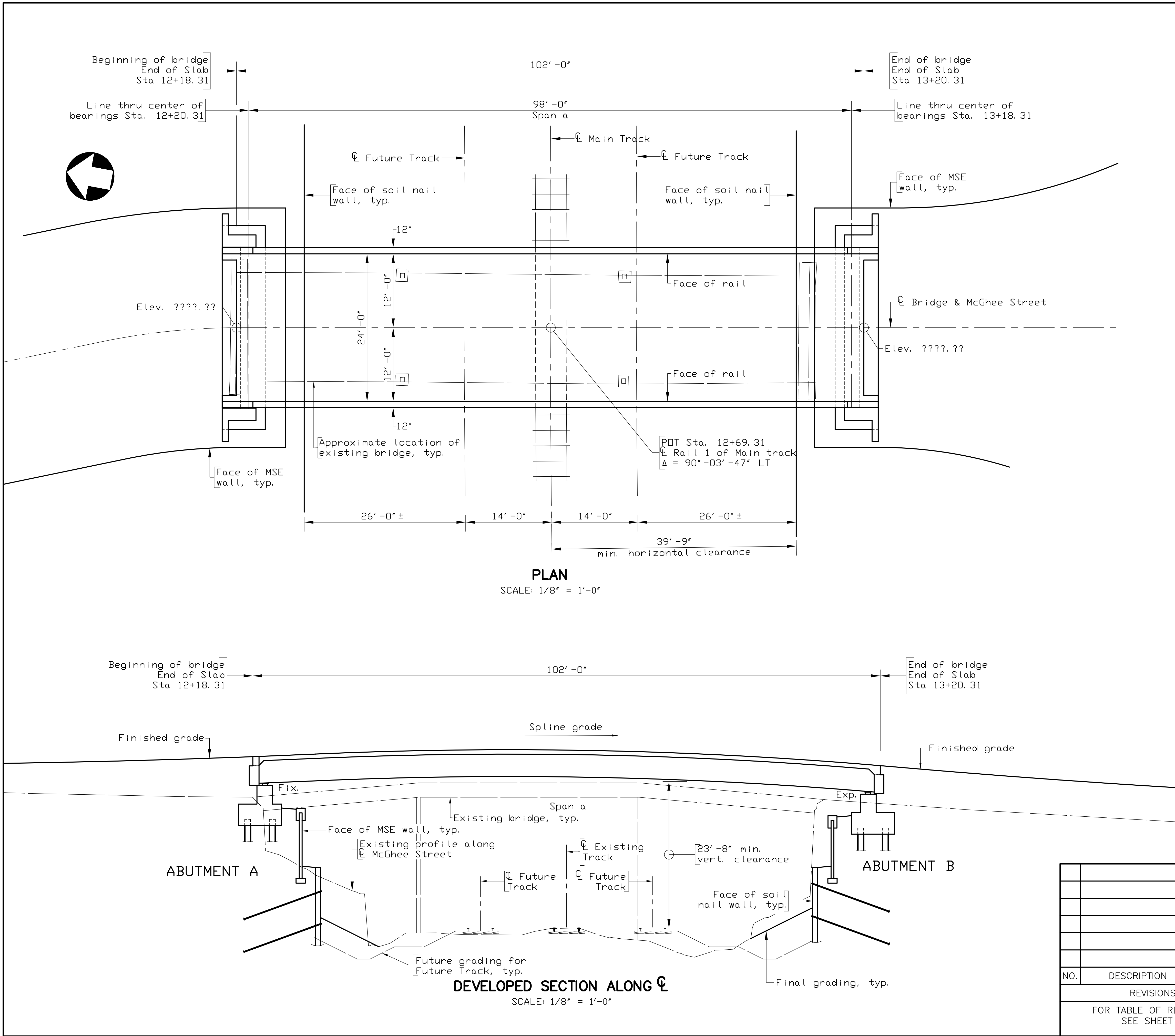
RECOMMENDED FOR APPROVAL FOR RIGHT OF WAY ACQUISITION	
DATE	DISTRICT PLANNING AND INVESTMENT MANAGER
DATE	DISTRICT PROJECT DEVELOPMENT ENGINEER
APPROVED FOR RIGHT OF WAY ACQUISITION	
DATE	DISTRICT ADMINISTRATOR

RECOMMENDED FOR APPROVAL FOR CONSTRUCTION	
DATE	DISTRICT PLANNING AND INVESTMENT MANAGER
DATE	DISTRICT PROJECT DEVELOPMENT ENGINEER
APPROVED FOR CONSTRUCTION	
DATE	DISTRICT ADMINISTRATOR

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CADD REFERENCE NO.: 2023030\_BRIDGE



### DESIGN EXCEPTIONS

None.

### GENERAL NOTES

Width: 24'-0" clear roadway, 2 - 1'-0" CPSR

Span layout: 102'-0" steel plate girder

Capacity: HL-93 loading.

Specifications:

Construction: Virginia Department of Transportation Road and Bridge Specifications, 2020; and SP407-000500 (Special Provision for Superstructure Erection Stability).

Design: AASHTO LRFD Bridge Design Specifications, 8th Edition, 2017; and VDOT Modifications.

Standards: Virginia Department of Transportation Road and Bridge Standards, 2016 including all current revisions.

These plans are incomplete unless accompanied by the Supplemental Specifications and Special Provisions included in the contract documents.

This project is to be constructed in accordance with the Virginia Department of Transportation Work Area Protection Manual, June 2011 and latest revisions.

Design loading includes 20 psf allowance for construction tolerances and construction methods.

Design loading includes 15 psf allowance for future wearing surface.

The use of prestressed deck panels as stay-in-place forms will not be permitted.

Concrete in superstructure including deck, rail, integral backwall, and terminal walls shall be Low Shrinkage Class A4 Modified in accordance with Section 217.12(a); in abutments Class A3.

All structural steel, including bearings, shall be ASTM A709 Grade 50W and shall be unpainted.

Spacing and height of stud shear connectors shall be shown on shop drawings (working drawings). The height of the stud shear connectors shall be 6" min.

All reinforcing steel shall be deformed and shall conform to ASTM A615 Grade 60 except for steels noted as Corrosion Resistant Reinforcing (CRR) which shall conform to Section 223 of the Specifications. All reinforcing bar dimensions on the detailed drawings are to centers of bars except where otherwise noted and are subject to fabrication and construction tolerances.

The Class(es) of CRR steel(s) required on this project is/are noted on plan sheets and in the reinforcing steel schedule. Class III may be substituted for Class I.

All substructure reinforcing steel shall have a minimum clear cover of 3".

Virginia Structure No. of existing bridge is 8000. Plans are not available.

The existing structure is designated a Type B structure in accordance with Sec. 411.

The contractor shall plan and execute the work such that no more than 10,000 square feet of land disturbance occurs at any given time.


The Contractor shall provide the Engineer safe access to all areas of work throughout course of construction and for final inspection after all work is complete.

All areas disturbed in this project, not covered by other notes, shall be restored to its original or better conditions as directed by the Engineer. All costs for this work shall be included in other items.

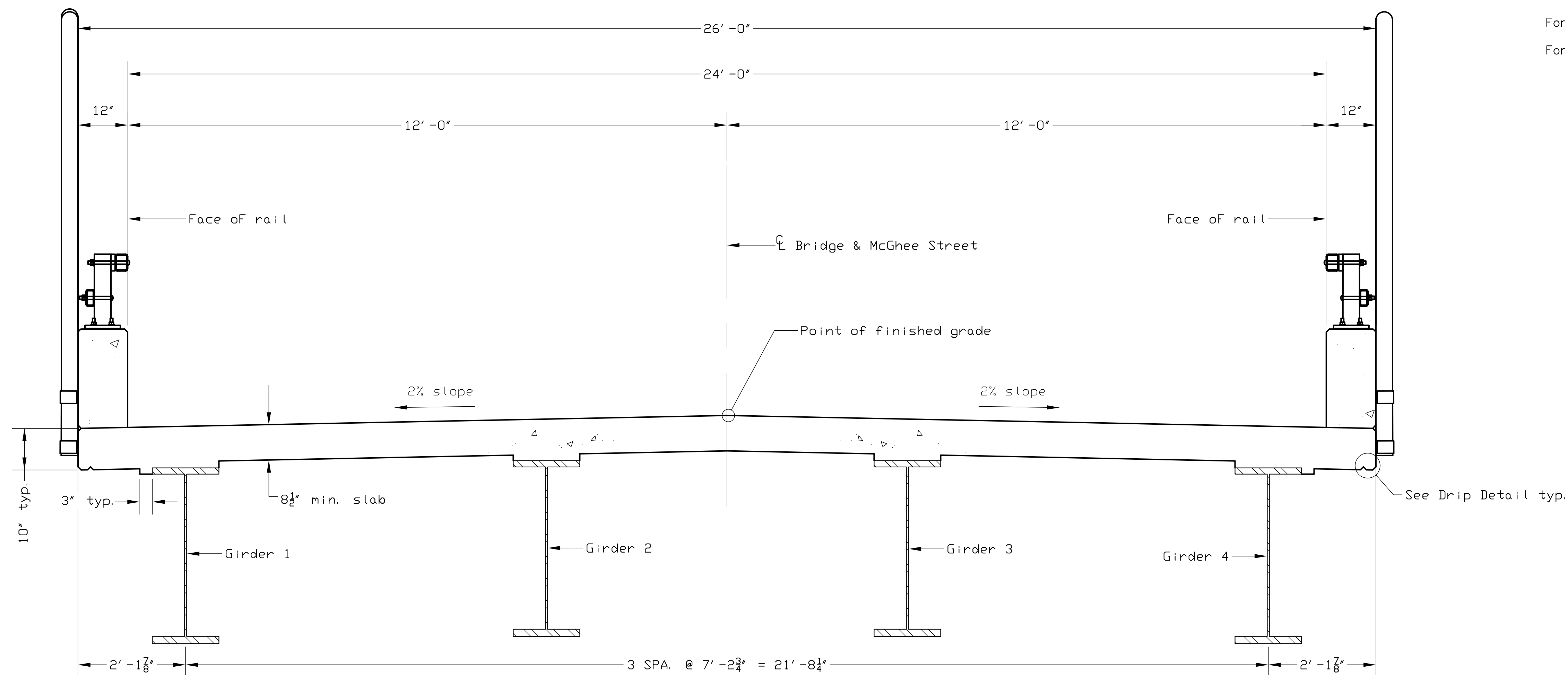
B.M.: ??????. Sta. ??? left/right ??? feet. Elevation = ????

See sheet 3 for Index of Sheets.

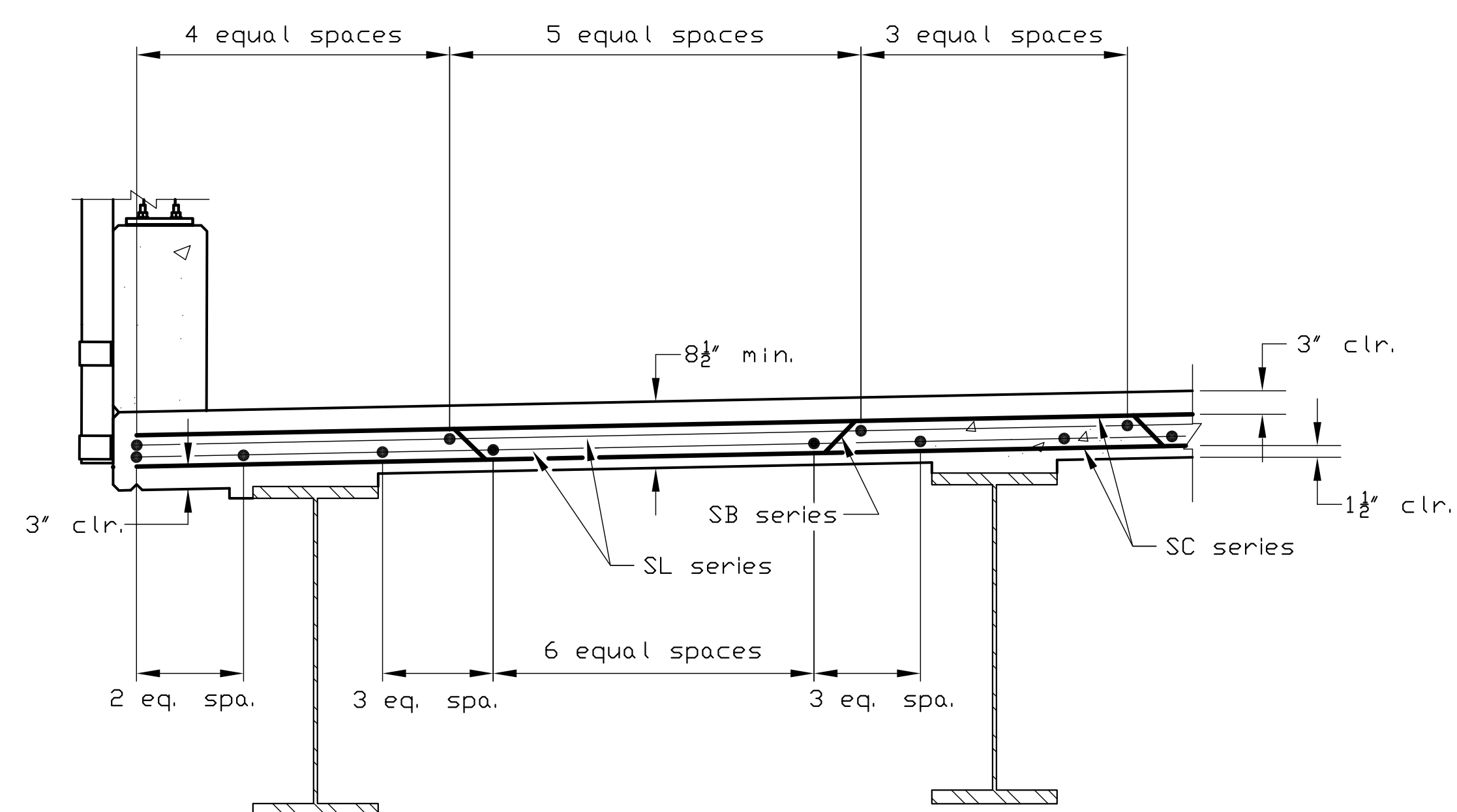
NO.	DESCRIPTION	DATE
REVISIONS		
FOR TABLE OF REVISIONS SEE SHEET 3		

VA. STR. NO.: 8000	NBIS NO.: 32036
 <b>SCHWARTZ &amp; ASSOCIATES, INC.</b> CONSULTING ENGINEERS 7331 TIMBERLAKE ROAD LYNCHBURG, VA.	
<b>MCGHEE STREET OVER NORFOLK SOUTHERN RAILWAY TOWN OF BEDFORD, VA PLAN, ELEVATION &amp; GENERAL NOTES</b>	
DESIGNED BY: APS	DRAWN BY: APS
SCALE: AS SHOWN	PLAN NO.:
DATE: NOVEMBER 18, 2024	SHEET: 2 OF 32

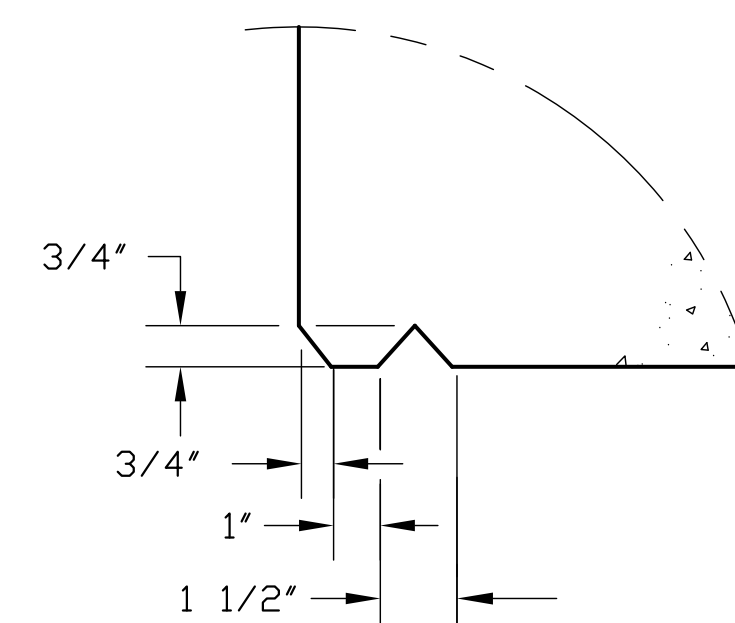
COMM. NO. 2023030




**TRANSVERSE SECTION**  
SCALE: 3/4" = 1'-0"



**PART TRANSVERSE SECTION**  
SCALE: 3/4" = 1'-0"  
(Parapet reinforcing not shown)



**DRIP DETAIL**  
Not to Scale

				VA. STR. NO.: ????		TBIS NO.: ????	
				SCHWARTZ & ASSOCIATES, INC. CONSULTING ENGINEERS 7331 TIMBERLAKE ROAD LYNCHBURG, VA.			
				<div>MCGHEE STREET OVER NORFOLK SOUTHERN RAILWAY TOWN OF BEDFORD, VA TRANSVERSE SECTION</div>			
NO.	DESCRIPTION	DATE		DESIGNED BY: APS   DRAWN BY: APS   CHECKED BY: ??			
REVISIONS			SCALE: AS SHOWN   PLAN NO.:				
			DATE: NOVEMBER 18, 2024   SHEET: 9 OF 32				

Notes:

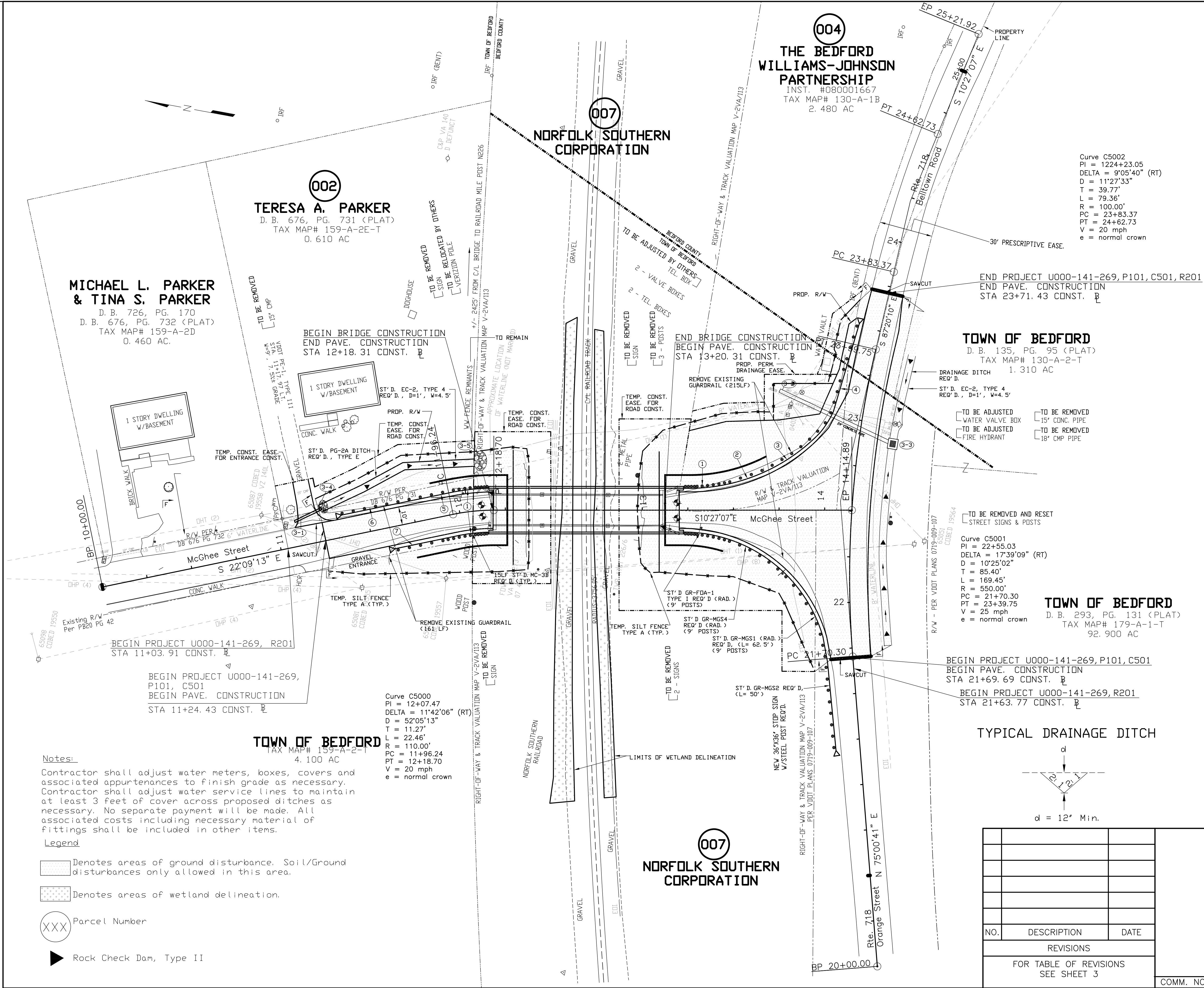
For bridge railing details, see sheets ??-??.

For deck slab plan, see sheet 12.

For framing plan, see sheet 10.

For girder details, see sheet 11.





UTILITY OWNERS

COMMUNICATIONS:  
AT&T - JARROD SHINN  
Jq629n@att.com  
540-353-3787  
VERIZON - LESLIE HUDSON  
leslie.e.hudson@verizon.com  
434-237-9522  
SHENTEL CABLE - TIM BERKLAND  
timothy.berkland@emp.shentel.com  
434-215-8931  
SPRINT/COGENT COMMUNICATIONS - FRED MARTIN  
fmartin@cogentco.com  
540-243-6868

ELECTRIC:  
TOWN OF BEDFORD ELECTRIC - AJ FAIRCHILD  
afairchild@bedfordva.gov  
540-587-7036

WATER:  
BEDFORD REGIONAL WATER AUTHORITY - HOWARD DeMARSH  
h.demarsh@brwa.com  
540-586-7679 ext. 116

Proposed Guardrail Descriptions

- ST'D. FIXED OBJECT ATTACHMENT GR-FDA-1, TYPE 1 (RAD.) REQ'D. (9' POSTS)
- ST'D. GUARDRAIL HEIGHT TRANSITION GR-MGS4, (RAD.) REQ'D. (9' POSTS)
- ST'D. RAD. GUARDRAIL GR-MGS1, REQ'D. (9' POSTS) (L = 75')
- ST'D. GUARDRAIL TERMINAL, GR-MGS2, REQ'D. (L = 50')
- ST'D. GUARDRAIL GR-2 REQ'D. (L = 12.5')
- ST'D. ALT. BREAKAWAY CABLE TERMINAL, GR-9 REQ'D. (L = 50')
- NS GUARDRAIL TERMINAL, TL-2 GR-9 REQ'D. (L = 32.5')

Proposed Drainage Descriptions

- 17'-15" Corr. Metal Pipe (2' min. Cover) Inv. In 895.50, Inv. Out 894.19
- 67'-24" Concrete Pipe (2' min. Cover) Class III Inv. In 883.20, Inv. Out 882.58±
- ST'D. DI-1 Drop Inlet W/Grate Req'd. Top Elev. = 886.70 H = 3.5', Inv. 883.20 Sta. 22+90.00 Rt. IS-1 Req'd. Inv. Out (24"RCP) = 883.20
- Class A1 Dry Riprap Req'd. W/Geotextile Fabric D=18", 4' X4'
- Class I Dry Riprap Req'd. W/Geotextile Fabric D=24", 5' X5'

UPC No. 116980  
VA. STR. NO.: 8000  
NBIS NO.: 32036

SCHWARTZ & ASSOCIATES, INC.  
CONSULTING ENGINEERS  
7331 TIMBERLAKE ROAD  
LYNCHBURG, VA.

MCGHEE STREET OVER  
NORFOLK SOUTHERN RAILWAY  
TOWN OF BEDFORD, VA  
ROADWAY PLAN

DESIGNED BY: APS  
SCALE: 1" = 25'  
DATE: OCTOBER 6, 2025

DRAWN BY: APS  
PLAN NO.:  
SHEET: 21 OF 32

CHECKED BY: ???

NO.	DESCRIPTION	DATE
REVISIONS		
FOR TABLE OF REVISIONS SEE SHEET 3		


COMM. NO. 2023030

CADD REFERENCE NO.: 2023030\_ROAD\_PLAN

REVISED	STATE	ROUTE	STATE	SHEET NO.
			PROJECT	
	VA	0	U000-141-269, P101, R201, C501	17A
UPC No.116980				

RIGHT OF WAY DATA SHEET

RIGHT OF WAY DATA SHEET					AREA: AREAS GREATER THAN OR EQUAL TO 1 ACRE WILL BE SHOWN IN ACRES TO 3 DECIMAL PLACES (X.XXX AC). AREAS LESS THAN 1 ACRES WILL BE SHOWN IN SQUARE FEET (XX,XXX SF).														
NUMBER	LANDOWNER NAME	SHEET NUMBER	DEED ACREAGE	REMAINDER	FEE TAKE SUMMARY			PERMANENT EASEMENTS			UTILITY EASEMENTS			TEMPORARY CONSTRUCTION EASEMENTS		PROFFERS YES/NO			
					TOTAL	PRESCRIPTIVE	NON-PRESCR.	(DR)AINAGE	(SL)DPE	AERIAL				STORM	ELECTRIC		VDOT	FOR ROAD CONST.	FOR ENTRANCE CONST.
002	TERESA S. PARKER	17B	0.459 AC	0.437 AC	955 SF		955 SF									921 SF	384 SF	NO	
004	THE BEDFORD WILLIAMS-JOHNSON PARTNERSHIP	17B	2.476 AC	2.381 AC	4,135 SF		4,135 SF	827 SF								848 SF		NO	
007	NORFOLK SOUTHERN CORPORATION	17B														12,277 SF		NO	

			VA. STR. NO.: 8000		NBIS NO.: 30236	
				SCHWARTZ & ASSOCIATES, INC. CONSULTING ENGINEERS 7331 TIMBERLAKE ROAD LYNCHBURG, VA.		
				MCGHEE STREET OVER NORFOLK SOUTHERN RAILWAY TOWN OF BEDFORD, VA RIGHT OF WAY DATA SHEET		
				DESIGNED BY: APS    DRAWN BY: APS    CHECKED BY: RES		
				SCALE: 1" = 25'    PLAN NO.:		
				DATE: OCTOBER 6, 2025    SHEET: 17A OF 32		
NO.	DESCRIPTION	DATE				
REVISIONS						
FOR TABLE OF REVISIONS SEE SHEET 3			COMM. NO. 2023030			



CADD REFERENCE NO.: 2023030\_ROW

REVISED	STATE	ROUTE	STATE	SHEET NO.
	VA		PROJECT	
		0	U000-141-269, P101, R201, C501	17B
UPC No.116980				

R/W Line Data Table		
Line	Bearing	Length (ft)
L1	N67°50' 47"E	2.97
L2	S35° 42' 51"E	25.72
L3	S38° 54' 57"E	26.11
L4	S13° 23' 04"E	39.14
L5	S24° 27' 16"E	20.84
L6	S12° 04' 28"E	29.02
L7	S18° 54' 16"E	22.51
L8	S76° 48' 00"E	26.65
L9	S88° 21' 27"E	25.46
L10	S47° 26' 01"E	27.93
L11	N10° 02' 11"W	18.04
L12	N79° 32' 53"E	33.29
L13	N10° 27' 07"W	89.28
L14	N79° 32' 53"E	105.00
L15	S10° 27' 07"E	59.72
L16	S10° 27' 07"E	41.58
L17	S79° 32' 53"W	83.25
L18	N10° 27' 07"W	42.98

- GENERAL NOTES:
1. THIS RIGHT OF WAY SHEET REPRESENTS A FIELD RUN PERIMETER SURVEY OF THE PROPOSED R/W LIMITS. ALL OTHER ADJOINING/DEPARTING BOUNDARY LINES SHOWN ARE COMPILED FROM VARIOUS SOURCES, FOUND FIELD MONUMENTATION, METES AND BOUNDS DESCRIPTIONS, AND RECORDED PLATS. THE ADJOINING LINES DO NOT REPRESENT A FIELD RUN SURVEY OF THE ADJOINING PROPERTIES AND ARE A BEST FIT BASED ON COMPILED DATA. ALL AREAS SHOWN FOR R/W TAKES AND EASEMENTS ARE APPROXIMATE ONLY.
  2. THE PROPERTY LINE INFORMATION SHOWN ON THIS PLAN SHEET IS COMPILED FROM RECORD DATA AND LIMITED FIELD MEASUREMENTS. THIS COMPILED MAP OF RECORD PARCELS DOES NOT REPRESENT A BOUNDARY SURVEY.
  3. THIS COMPILED PLAN SHEET WAS ASSEMBLED WITHOUT THE BENEFIT OF TITLE REPORTS WHICH MAY AFFECT THE PROPERTIES SHOWN HEREON.
  4. PERMANENT (RM-2) MARKERS ARE TO BE SET AT PROPOSED RIGHT OF WAY BREAKS, AS SHOWN HEREON, AT THE COMPLETION OF ROAD CONSTRUCTION.
  5. PROPOSED EASEMENTS AND PROPOSED RIGHT OF WAY ARE DERIVED FROM DESIGN FILES PROVIDED BY SCHWARTZ & ASSOCIATES.
  6. SURVEY DATUM BASED ON VDOT PROJECT U000-141-269, P101, R201, C501.
  7. NO CEMETERY SITES WERE OBSERVED ON THE SUBJECT TAKES SHOWN ON THIS PLAN SHEET. THIS DOES NOT PRECLUDE THEIR EXISTENCE.
  8. THIS PLAN SHEET REPRESENTS THE RIGHT OF WAY AND EASEMENT COMPUTATIONS FOR THE PARCELS SHOWN HEREON ONLY.
  9. ALL PROPOSED RIGHT-OF-WAY MONUMENTATION OFFSET/STATIONS, PROPOSED EASEMENT OFFSET/STATIONS, & EXISTING MONUMENTATION STATION/OFFSETS ARE BASED OFF OF THE MCGHEE ST. & ORANGE ST/BELLTOWN RD CONSTRUCTION BASELINES SHOWN HEREON.
  10. RAILROAD MILEPOST AT EXISTING BRIDGE = 226.47

#### LEGEND

- o Proposed Right-of-Way Monument (RM-2)

00.00' +00.00'	Prop. R/W	Figures and continuous lines denote Proposed Right of Way
00.00' +00.00'	Exist. R/W	Figures and dash-dash-long dash lines denote Existing Right of Way
( 00.00' +00.00')	Prop. Temp. Easement	Figures in parenthesis and dot-dot-dash lines denote Proposed Temporary Easement
[ 00.00' +00.00']	Prop. Perm. Drain. Easement	Figures in brackets and dashed-dot lines denote Proposed Permanent Drainage Easement

N=30000000.00  
E=10000000.00

VA State Plane, South Zone Coordinate

VA. STR. NO.: 8000	NBIS NO.: 32036
<b>SCHWARTZ &amp; ASSOCIATES, INC.</b> CONSULTING ENGINEERS 7331 TIMBERLAKE ROAD LYNCHBURG, VA.	
<b>MCGHEE STREET OVER NORFOLK SOUTHERN RAILWAY TOWN OF BEDFORD, VA RIGHT OF WAY</b>	
DESIGNED BY: APS	DRAWN BY: APS
SCALE: 1" = 25'	CHECKED BY: RES
DATE: OCTOBER 6, 2025	PLAN NO.:
	SHEET: 17B OF 32

NO.	DESCRIPTION	DATE
REVISIONS		
FOR TABLE OF REVISIONS SEE SHEET 3		

COMM. NO. 2023030

**MICHAEL L. PARKER  
& TINA S. PARKER**  
D. B. 726, PG. 170  
D. B. 676, PG. 732 (PLAT)  
TAX MAP# 159-A-2D  
0.459 AC (DEED)

**002**  
**TERESA A. PARKER**  
D. B. 676, PG. 731 (PLAT)  
TAX MAP# 159-A-2E-T  
0.459 AC (DEED)

**007**  
**NORFOLK SOUTHERN  
CORPORATION**

**004**  
**THE BEDFORD  
WILLIAMS-JOHNSON  
PARTNERSHIP**  
INST. #080001667  
TAX MAP# 130-A-1B  
2.476 AC (PLAT)

**TOWN OF BEDFORD**  
D. B. 135, PG. 95 (PLAT)  
TAX MAP# 130-A-2-T  
1.310 AC (PLAT)

**TOWN OF BEDFORD**  
D. B. 293, PG. 131 (PLAT)  
TAX MAP# 179-A-1-T  
92.900 AC (DEED)

**TOWN OF BEDFORD**  
TAX MAP# 159-A-2-T  
4.100 AC (DEED)

**007**  
**NORFOLK SOUTHERN  
CORPORATION**

Parcel	Proposed Right of Way	Proposed Temporary Construction Easement	Proposed Permanent Drainage Easement
		FOR ROAD CONSTRUCTION	
001			
002	955 SF	1,305 SF	
003			
004	4,135 SF	848 SF	827 SF
005			
006			
007		12,277 SF	

Curve C5000  
PI = 12+07.47  
Delta = 11°42' 06" (RT)  
D = 52°05' 13"  
T = 11.27'  
L = 22.46'  
R = 110.00'  
PC = 11+96.24  
PT = Station 12+18.70

Curve C5001  
PI = 22+55.03  
Delta = 17°39' 09" (RT)  
D = 10°25' 02"  
T = 85.40'  
L = 169.45'  
R = 550.00'  
PC = 21+70.30  
PT = 23+39.75

Curve C5002  
PI = 24+23.05  
Delta = 9°05' 40" (RT)  
D = 11°27' 33"  
T = 39.77'  
L = 79.36'  
R = 500.00'  
PC = 23+83.37  
PT = 24+62.73



CADD REFERENCE NO.: 202303030\_ TRAFFIC-CONTROL

# MAINTENANCE OF TRAFFIC GENERAL NOTES

## GENERAL

Unless otherwise approved or directed by the Engineer, the Contractor shall plan and execute the work in accordance with the Maintenance of Traffic Plans.

Traffic control devices and safety measures shall comply with the most current editions/revisions of the following:

- FHWA Manual of Uniform Traffic Control Devices
- Virginia Work Area Protection Manual and current revisions.
- VDOT Road and Bridge Standards (2016)
- VDOT Road and Bridge Specifications (2020)

See drawing TTC–23.2, Virginia Work Area Protection Manual, 2011 for information not shown in these drawings.

The suggested traffic control features depict the major traffic control items. Daily control of traffic including the placement, maintenance and removal of traffic control devices shall be the Contractor’s responsibility.

It is not the intent of the traffic control features designated on the plans to enumerate every detail which must be considered during the construction, but only to indicate the general handling of traffic. The Contractor shall submit a detailed traffic control plan to the Engineer for approval prior to beginning construction.

The Engineer shall be notified at least 72 hours prior to any modifications to existing pavement markings.

The clear zone shall be maintained free of parked equipment and stored materials or otherwise protected in accordance with the Work Area Protection Manual.

All Signs, Group 2 Channelizing Devices, Traffic Barrier Services, barricades, and any other devices used in the construction zone shall be furnished by the Contractor and shall be kept clean and properly aligned at all times.

All traffic signs required for this project shall be furnished, erected and maintained by the Contractor.

Contractor shall maintain One (1) 10’–0” travel lane, when providing flagging operations in the intersection of Orange Street, Belltown Road and McGhee Street.

The contractor will be allowed to close the intersection of Orange Street, Belltown Road and McGhee Street for 30 consecutive days in order to complete all the intersection work. Any other needed traffic control shall be done with flagging operations in accordance with the most current addition of the VA Work Area Protection Manual (Figure TTC–23.2). Portable Temporary Rumble strips will not be required.

Group 1 & 2 channeling Devices, Pavement Markings and Type III Barricade, shall be installed as shown on these Plans, TTC–23.2 or as directed by the Engineer.

Prior to any ground disturbance activities, the contractor shall contact Miss Utility.

The contractor shall work around all utilities on this project.

## TRAFFIC BARRIER SERVICE

Traffic Barrier Service shall be installed and removed so as not to present any blunt end or hazard to the motoring public. The placement and removal of the traffic barrier service and barricades are to be done by the contractor and approved by the Work Zone Safety Coordinator. The Contractor shall lift traffic barrier service into place. Sliding traffic barrier service into place will not be permitted.

Traffic barrier service concrete shall conform with St’d. MB–7D of the VDOT Road and Bridge Standards.

## SIGNS

Construction signs shall be furnished, installed and maintained by the Contractor.

Sign spacing and location shall be adjusted to fit field conditions as directed by the Engineer.

All construction signs that govern traffic flow through the work zone shall be covered or removed and stored away from traffic when not in use.

The Contractor shall temporarily cover any existing signs that are contrary to construction signs and uncover these at the completion of the project as directed by the Engineer.

Covering of signs shall be in accordance with VDOT Road & Bridge Specifications, 2020, 701.03.

## PERMENANT PAVEMENT MARKINGS

All permanent pavement markings shall be furnished and installed by the Contractor, as shown on sheet ?.

# TRAFFIC MANAGEMENT PLAN

## PROJECT DESCRIPTION

This project entails a Total Bridge Replacement of McGhee Street over Norfolk Southern Railroad (Structure No. 8000) located in the Town of Bedford, Virginia. McGhee Street is classified as an GS–7 Urban Collector Street with a posted speed limit of 25 mph with a single lane Roadway (2021 ADT 430). This structure has been closed to traffic for many years. Travelers include Local Residents, Commuters, and through Vehicles.

The approach roadway improvements extend approximately 114’ North of Abutment A, 94’ South of Abutment B, 214’ along Orange Street and Belltown Road. Speed limit is based on existing regulatory signs. Speed limit shall remain 25 mph during construction.

This project is a Tier I Project.

## SPECIAL DETAILS

Special details for Maintenance of Traffic are shown on sheets ? – ?.

## PUBLIC COMMUNICATIONS PLAN

NOTIFICATIONS:

The contractor shall provide advanced Notifications of all Lane Closures (72 hours minimum) to the Public Works Director and Project Manager. The Town Public Works Director will communicate with all agencies and schools in close proximity, radio, television and emergency services, as determined appropriate.

TRANSPORTATION OPERATIONS PLAN:

1) The following is a list of local emergency contact agencies:

- Virginia State Police, 540–586–7905
- Town of Bedford Police Department, 540–587–6011
- Bedford Fire Station, 540–586–3433
- Emergency & Haz–Mat Center – 911
- Brian Casella VDOT Bedford Resident Engineer, 540–586–7941
- VDOT SW Traffic Operation Center, 540–375–0170

2) Procedures to respond to traffic incidents that may occur in the work zone:

- a) Contractor to notify Town Police and Inspector in charge.
- b) Depending upon severity of incident, Contractor may have to shut down work.
- c) Upon arrival on scene, Town Police to determine response necessary to allow traveling public around incident.
- d) Inspector to notify Construction Manager of incident.

3) Process of Notification of incident to be followed is:

Contractor to call:

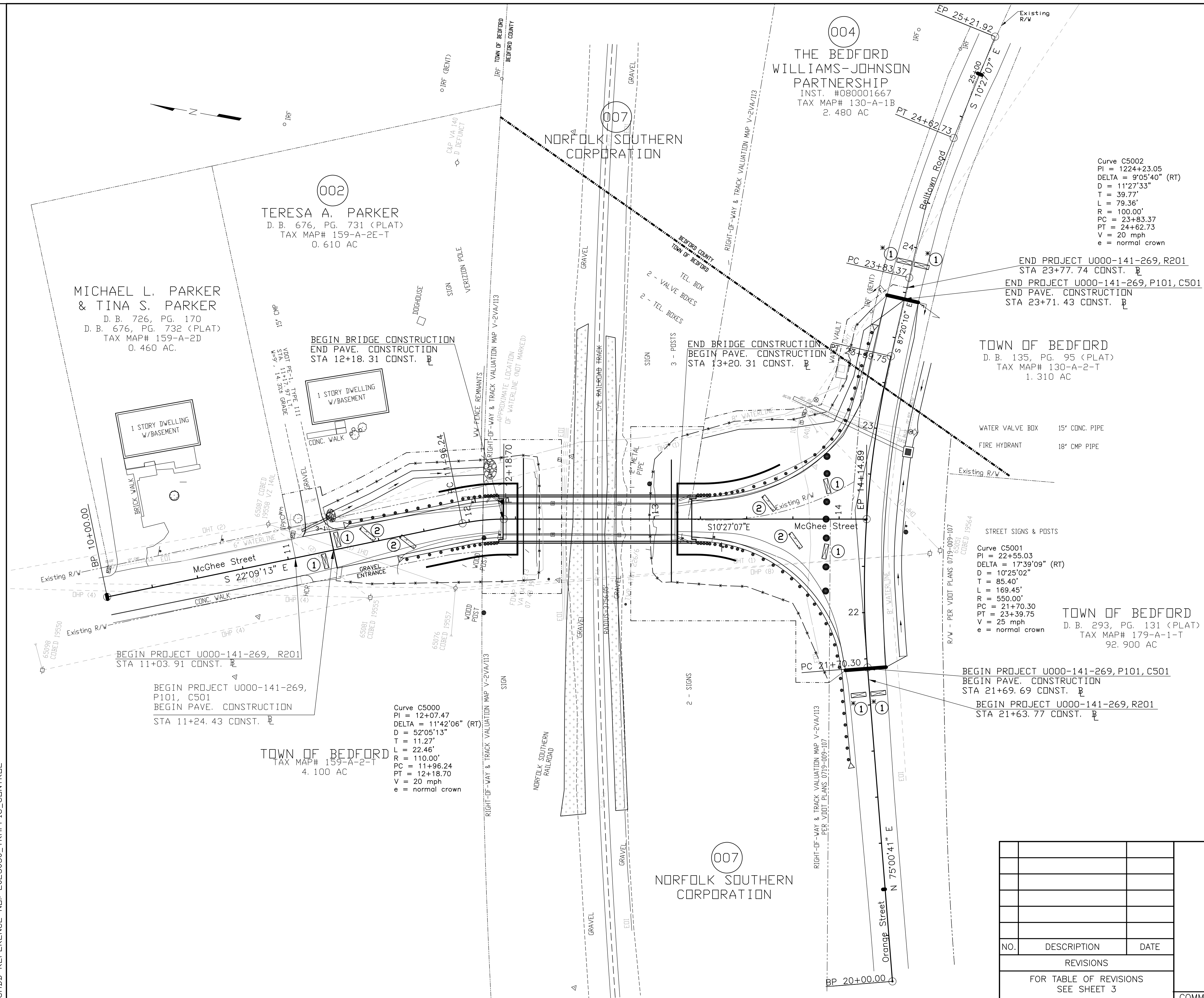
Project Inspector – Inspector To Be Determined
Project Manager (Construction Manager) – TBD
Public Works Director, Town of Bedford – Tom Woodard ----- 540–587–6083

4) The Town Police will take control of the incident and direct its clearing and restoration to normal traffic conditions.

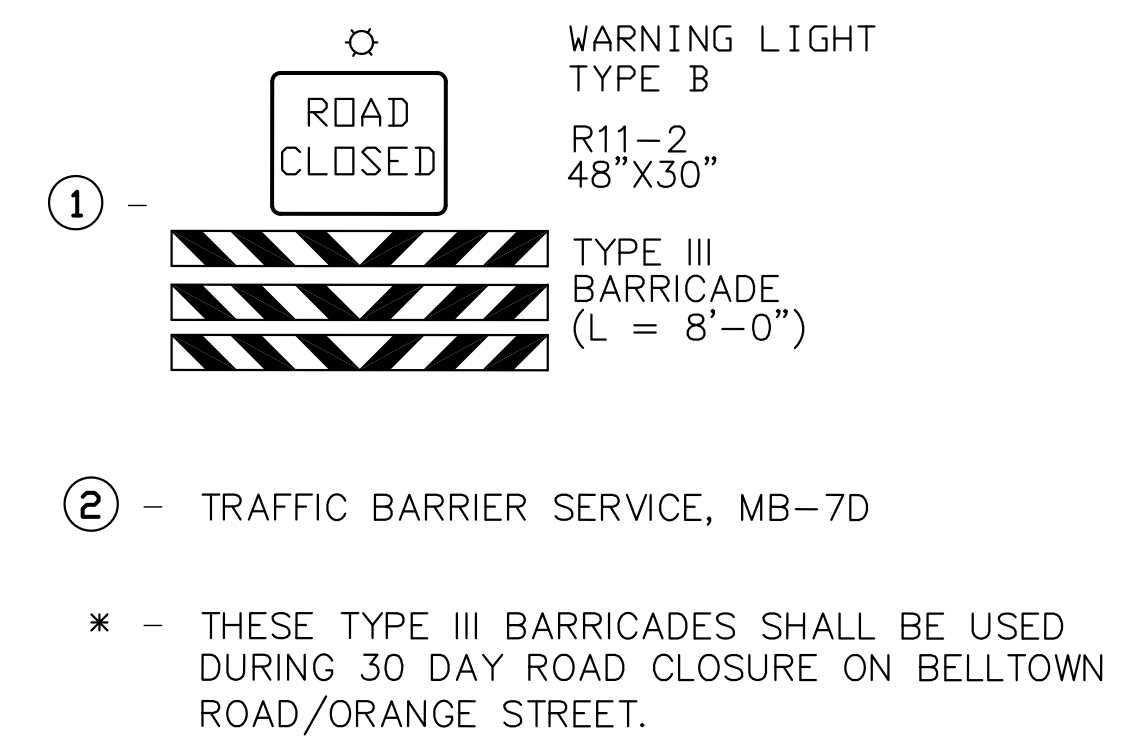
5) The Town Police report of the incident will be reviewed by the Public Works Director and Construction Engineer to determine if any modification to the Temporary Traffic Control Plan is necessary. If it is necessary to alter the plan, then a meeting will be called with the Contractor, Town project personnel, Engineer and Town Police (if necessary) to discuss modification and implementation of an improved traffic control plan.

			VA. STR. NO.: 8000		NBIS NO.: 32036	
			<div><div></div><div>SCHWARTZ &amp; ASSOCIATES, INC. CONSULTING ENGINEERS 7331 TIMBERLAKE ROAD LYNCHBURG, VA.</div><div>MCGHEE STREET OVER NORFOLK SOUTHERN RAILWAY TOWN OF BEDFORD, VA MAINTENACE OF TRAFFIC NOTES &amp; TRAFFIC MANAGEMENT PLAN</div><div>DESIGNED BY: RES   DRAWN BY: RES   CHECKED BY: APS</div><div>SCALE: NOT TO SCALE   PLAN NO.:</div><div>DATE: ????????????   SHEET: ? OF ?</div></div>			
NO.	DESCRIPTION	DATE				
REVISIONS						
FOR TABLE OF REVISIONS SEE SHEET 3						
				COMM. NO. 2023030		








## TRAFFIC CONTROL



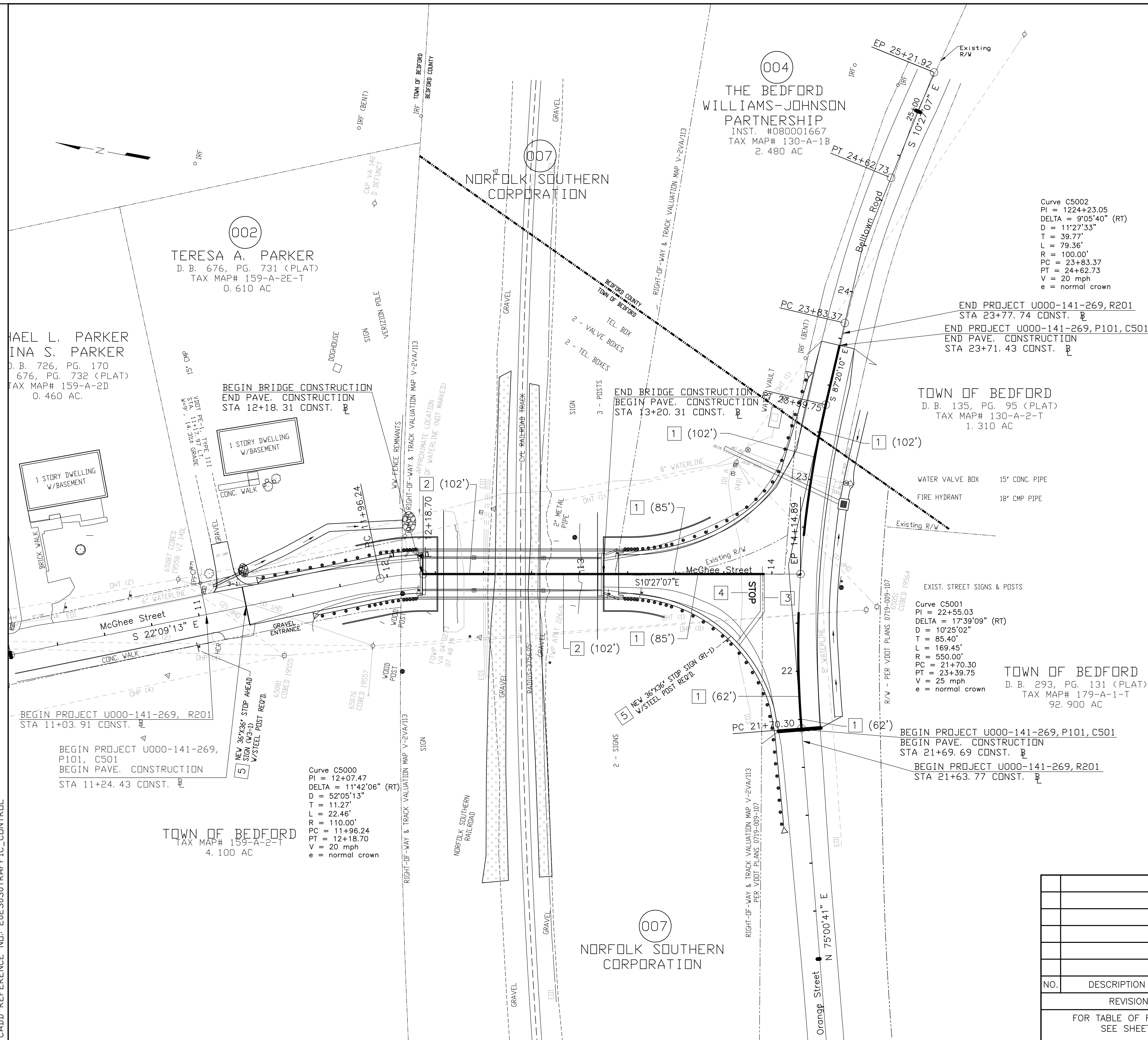
## LEGEND

-  — DENOTES TRAFFIC BARRIER SERVICE
- — DENOTES GROUP 2 (CHANNELIZING DEVICE)
-  — DENOTES TYPE III BARRICADE


NO.	DESCRIPTION	DATE
REVISIONS		
FOR TABLE OF REVISIONS SEE SHEET 3		

VA. STR. NO.: 8000		UPC No. 116980	
		NBIS NO.: 32036	
 <b>SCHWARTZ &amp; ASSOCIATES, INC.</b> CONSULTING ENGINEERS 7331 TIMBERLAKE ROAD LYNCHBURG, VA.			
MCGHEE STREET OVER NORFOLK SOUTHERN RAILWAY TOWN OF BEDFORD, VA TRAFFIC CONTROL			
DESIGNED BY: RES		DRAWN BY: RES	
CHECKED BY: APS			
SCALE: 1" = 25'		PLAN NO.:	
DATE: 222222222222		SHEET: 2 OF 2	



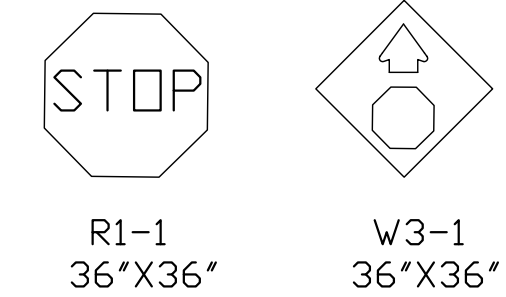


## LEGEND

- 1 Denotes Type A, solid pavement line marking (4" Dbl yellow line)
- 2 Denotes Type B, Class VI, Contrast solid pavement line marking (4" Dbl yellow line)
- 3 Denotes Type B, Class II pavement message marking, 24" X 40' stop bar (white)
- 4 Denotes Type B, Class II pavement message marking, STOP (H = 24") (white)
- 5  – Denotes Proposed Stop Sign & Stop Ahead Sign.

NOTES: FOR MAINTENANCE OF TRAFFIC NOTES, SEE SHEET ??.


## PERMANENT SIGNS



Post: Square Tube Sign Post,  
2", 14 Ga. (STP-1)  
2 Posts Req'd., L = 12' each Post

Foundation: Square Tube Post Foundation,  
(Type A) (STP-1)  
2 Foundations Req'd.

NO.	DESCRIPTION	DATE
REVISIONS		
FOR TABLE OF REVISIONS SEE SHEET 3		

VA. STR. NO.: 8000		UPC No. 116980 NBIS NO.: 32036	
 <b>SCHWARTZ &amp; ASSOCIATES, INC.</b> CONSULTING ENGINEERS 7331 TIMBERLAKE ROAD LYNCHBURG, VA.			
MCGHEE STREET OVER NORFOLK SOUTHERN RAILWAY TOWN OF BEDFORD, VA <b>PERMANENT SIGN &amp; MARKING PLAN</b>			
DESIGNED BY: RES	DRAWN BY: RES	CHECKED BY: APS	
SCALE: 1" = 25'	PLAN NO.:		
DATE: ??????????	SHEET: ? OF ?		