

**QUANTITY SUMMARY**

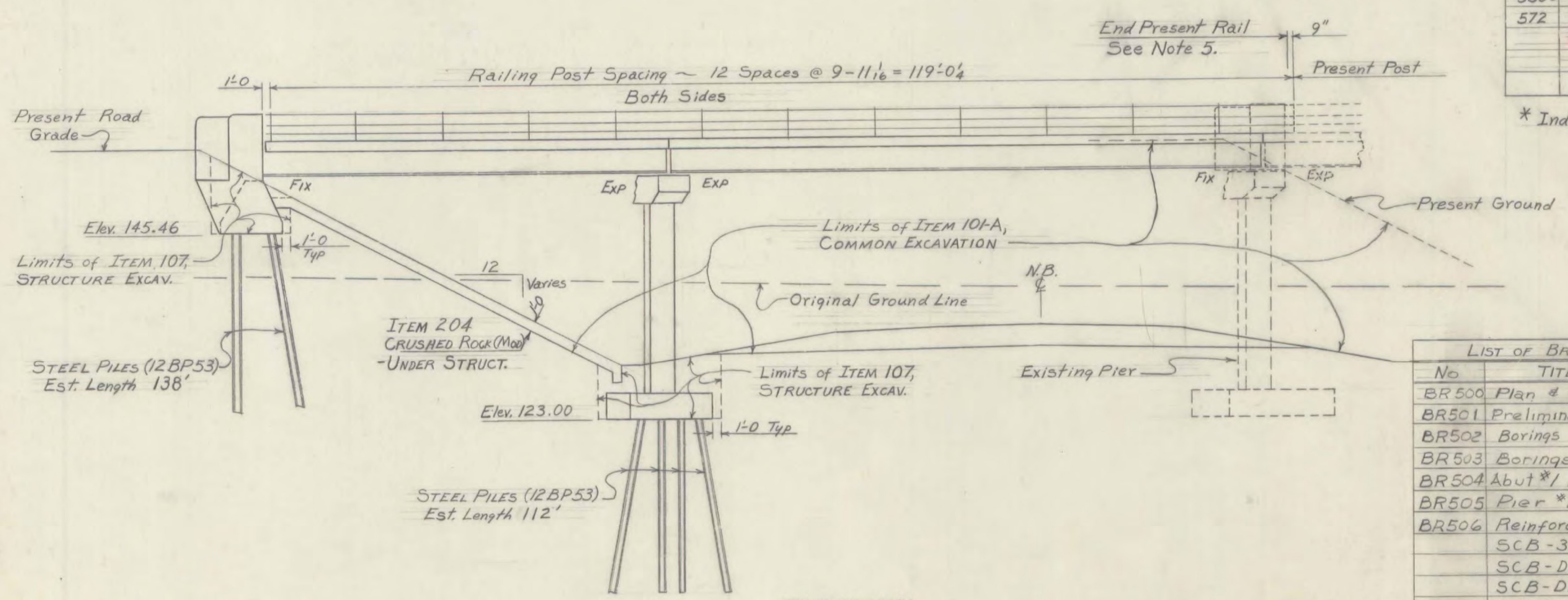
ITEM NO.	ITEM	UNIT	SUPER.	ABUT #1	PIER #1	TOTAL	FINAL
101-A	Common Excavation	C.Y.	6000*			6000*	
107	Structure Excavation	C.Y.		88	80	<del>168</del>	187
204	Crushed Rock (Mod.-Under Struct.)	C.Y.		63		<del>63</del>	59
222	Gravel Backfill	C.Y.		22		<del>22</del>	0
318	Tar Emulsion for Bridge Floors	GAL.	158*			158*	
361-B	Bituminous Conc. Pnt. (Mod.)	TON	38*			38*	
373	Rubber Joint Material	L.F.	22			<del>22</del>	21
401-AA	Concrete, Class AA (Mod.)	C.Y.	134			<del>134</del>	132
401-B	Concrete, Class B (Mod.)	C.Y.	48	56		<del>104</del>	105
402	Reinforcing Steel	LBS.	30,000	2020	9600	<del>41,620</del>	42,112
403	Spiral Reinf. @ Sta 783+76 (4000*)	L.S.	1 V			1 V	1
404-A	Structural Steel	LBS.	112,000			<del>112,000</del>	111,305
407	Asphaltic-Asbestos Coating	S.Y.		4	16	<del>20</del>	19
501	Furn. Equipment for Driving Piles	L.S.		Reqd	Reqd	<del>1/4 V</del>	1/4
503	Splices for Steel Piling	EA.		18	20	<del>38</del>	32
504	Steel Piling (12BP53)	L.F.		1104	1792	<del>2896</del>	2716
556C	Granite Bridge Curb (Mod.)	L.F.	240 V			240 V	240
572	Bridge Railing (Galv. Metal)	L.F.	238			<del>238</del>	235
	Cut-offs @ 50% Unit Price	L.F.					180

- GENERAL NOTES**
- Elevation datum is sea level, based on nearest U.S. Government vertical control.
  - Steel piles shall be driven to point bearing on ledge rock.
  - Standard Structures Sheets are modified so as to eliminate the Approach Slab Bracket.
  - The cost of removing present end posts, curtainwall, and bridge deck to the limits indicated on this sheet, or as directed by the Engineer, shall be included in the unit price bid for Concrete, Class AA, ITEM #01-AA (Mod.).
  - Rearrange present bridge rails at Pier #2 to avoid splicing more than two rails in any rail span.
  - Standard Structures Sheet SCB-D3-62, Detail (E) is modified to require Expansion Anchors for 1/2" bolts which are used to attach brackets for drains to existing Pier @ Sta. 39+58.0.
  - Provide 1/2"x9"x10 shim PL under new bearings @ Pier #2.

FOR SUPERSTRUCTURE DETAILS SEE STD. SHT. SCB-30-62  
 FOR CURB AND RAIL DETAILS SEE STD. SHTS. SB-56-62 Shts 1 & 2

+2.97% -5.00%  
 PVI #0+0  
 EL. 151.00  
 #20" V.C.

\* Indicates quantity to be included in Roadway quantities.



**LIST OF BRIDGE SHEETS**

No.	TITLE
BR 500	Plan & Elevation
BR 501	Preliminary Information
BR 502	Borings
BR 503	Borings
BR 504	Abut #1 Details
BR 505	Pier #1 Details
BR 506	Reinforcing Steel Sched.
SCB-30-62	
SCB-D1-62	
SCB-D2-62	
SCB-D3-62	
SCB-D4-62	
SCB-D5-62	
SCB-D6-62	
SCB-D7-62	
SCB-D8-62	
SCB-D9-62	
SB-56-62 Sheet 1	
SB-56-62 Sheet 2	

**SUPERSTRUCTURE QUANTITIES**

ITEM NO.	ITEM	UNIT	NET	TOTAL	FINAL
101-A	Common Excavation	C.Y.	6,000		AB
	CHAN. EXCAV. OF ROCK	C.Y.			
	UNCLASS. CHAN. EXCAV.	C.Y.			
	STRUCT. EXCAV.	C.Y.			
401-AA	CONC. CLASS AA (MOD.)	C.Y.	<del>134</del>		132
	CONC. CLASS B (MOD.)	C.Y.			
402	REINF. STEEL	LBS.	See Reinforcing Schedule		
	ASPHALTIC-ASB. COATING	S.Y.			
	TREATED TIMBER PILING	L.F.			
	SPLICES FOR STEEL PILING	EA.			
318	Tar Emulsion for Bridge Floors	GAL.	158		
361-B	Bituminous Concrete Pnt. (Mod.)	TON	38		
373	Rubber Joint Material	L.F.	<del>22</del>		21
403	Spiral Reinforcement (4000*)	L.S.	1 V		1
404-A	Structural Steel	LBS.	<del>112,000</del>		111,305
556-C	Granite Bridge Curb (Mod.)	L.F.	240 V		240
572	Bridge Railing (Galv. Metal)	L.F.	<del>238</del>		235

RICHMOND-HIGHGATE  
 IM BPNT(9)  
 SHEET 27 OF 30  
 BRIDGE 99  
 FOR INFORMATION ONLY

**STATE OF VERMONT**  
 DEPARTMENT OF HIGHWAYS

TOWN OF SWANTON - HIGHGATE

ROUTE No. 189 STA. 783+76.0 NB  
 HIGHGATE S.A. #4 OVER INTERSTATE

NORTHBOUND  
 PLAN AND ELEVATION CONSTRUCTION

SCALE 1"=10'-0" & As Noted

SURVEYED BY \_\_\_\_\_  
 DRAWN BY RLM<sub>10-25-62</sub> CHECKED BY NBT

PROJECT No. 189-3(32)  
 SHEET 151 OF 246 BR 500