

SPAN 1 44'

SPAN 2 74'

SPAN 3 44'

4-15-20

37'-0"

603+89.74

604+33.74

605+07.74

605+51.74

BRIDGE P.A. ST. EXPANSION END 179.57

PIER 1 179.69

PIER 2 179.40

BRIDGE FIN. GR. FIXED END 179.22

NORTHBOUND

SCB-30-62
PIER SUPERSTRUCTURE
DETAILS

SC-45-62
PIER SLAB 'R'

PLAN

14 @ 9'-10" = 137'-8"

9'-2" 9'-2" 9'-2" 9'-2" 9'-2"

FIXED EXP. FIXED EXP. FIXED EXP. FIXED EXP. FIXED EXP.

ITEM 204

STEEL PILES

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ITEM	DESCRIPTION	UNIT	QTY	PRICE	TOTAL
304	RELEASE OF GRANULAR BORROW	CU YD	100	0.00	0.00
305	GRANULAR BORROW	CU YD	100	1.00	100.00
306	RUBBER JOINT MATERIAL	L.F.	270	0.80	216.00
307	BITUMEN	CU YD	60	1.10	66.00
308	CONCRETE CLASS AA, MOD. C.Y.	CU YD	250	2.58	645.00
309	REINFORCING STEEL	CU YD	66,500	0.10	6,650.00
310	SPRAL REINFORCING STEEL	CU YD	15,000	0.10	1,500.00
311	STEEL PILING	CU YD	15,000	1.00	15,000.00
312	ASPHALTIC CONCRETE	CU YD	35	0.80	28.00
313	PAVING EQUIPMENT	L.F.	10	1.00	10.00
314	CONCRETE CLASS AA, MOD. C.Y.	CU YD	10	2.58	25.80
315	SPICES FOR STEEL PILING	CU YD	30	0.70	21.00
316	STEEL PILING	CU YD	30	1.00	30.00
317	GRANITE BRIDGE CURB MOD.	CU YD	30	7.50	225.00
318	BRIDGE RAILING (GALVANIZED METAL)	L.F.	315	0.35	110.25
319	JOINT SEALER HOT FUSED	L.F.	60	1.00	60.00
320	UNIFORMED TRAFFIC OFFICERS	MAN HR.	400	0.15	60.00
321	GRANULAR BORROW	CU YD	210	0.10	21.00
322	WELDED GALV. PIPE	L.F.	0	0.00	0.00

- GENERAL NOTES
- All material and construction shall conform to the specifications of the Department of Highway Standard Specifications for Road and Bridges, dated Jan. 1956 and the Massachusetts Standard Specifications, designed for the loading modified for National System of Interstate Highways, applied in accordance with the provisions of the AASHTO Standard Specifications, Article 1.01.
 - Where rock is encountered in the foundation, it shall be poured until all boulders in an area 500 feet from the structure have been displaced.
 - Final cut of field piers shall be given unless otherwise directed.
 - All dimensions given are measured horizontally or vertically unless otherwise noted.
 - All dimensions given at 68°F.
 - All reinforcing steel to have a clearance of 3 inches otherwise noted.
 - All exposed edges of concrete shall be finished to the satisfaction of the Engineer and are not warranted to show actual surface finish.
 - Spring indicated on the drawings have been made for design purposes only and are not warranted to show actual surface finish.
 - El. bottom of level based on mean of 2 observations of vertical angle.
 - Steel bearing piles shall be driven to the design depth or until they reach a firm stratum approved by the Engineer. When piles are driven until they reach a firm stratum, they shall be such as to have no struts in the shafts.
 - Cross slope of approach shall conform with the cross slope of the ground.
 - The top surfaces of all piers and abutments shall be finished to the satisfaction of the Engineer from the front edge of the pavement within walls or centers of abutments, which surfaces shall be level. The entire exterior surface of piers and abutments and piers shall be coated with asphaltic concrete.
 - Unless otherwise noted, the application of this specification shall be in accordance with all pertinent and indicated items are completed.
 - Unless otherwise noted for all beams shall be cambered in accordance with standard structures.
 - All expansion material shall be provided work for winter no later than...

ESTIMATED SUPERSTRUCTURE QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY	PRICE	TOTAL
323	CONCRETE PAVEMENT	CU YD	54	1.00	54.00
324	CONCRETE CLASS AA, MOD. C.Y.	CU YD	100	2.58	258.00
325	REINFORCING STEEL	CU YD	100	0.10	10.00
326	SPRAL REINFORCING STEEL	CU YD	100	0.10	10.00
327	STEEL PILING	CU YD	216	1.00	216.00
328	STEEL PILING	CU YD	15,000	0.10	1,500.00
329	STEEL PILING	CU YD	15,000	1.00	15,000.00
330	STEEL PILING	CU YD	30	1.00	30.00
331	STEEL PILING	CU YD	30	1.00	30.00
332	STEEL PILING	CU YD	30	1.00	30.00
333	STEEL PILING	CU YD	30	1.00	30.00
334	STEEL PILING	CU YD	30	1.00	30.00
335	STEEL PILING	CU YD	30	1.00	30.00
336	STEEL PILING	CU YD	30	1.00	30.00
337	STEEL PILING	CU YD	30	1.00	30.00
338	STEEL PILING	CU YD	30	1.00	30.00
339	STEEL PILING	CU YD	30	1.00	30.00
340	STEEL PILING	CU YD	30	1.00	30.00
341	STEEL PILING	CU YD	30	1.00	30.00
342	STEEL PILING	CU YD	30	1.00	30.00
343	STEEL PILING	CU YD	30	1.00	30.00
344	STEEL PILING	CU YD	30	1.00	30.00
345	STEEL PILING	CU YD	30	1.00	30.00
346	STEEL PILING	CU YD	30	1.00	30.00
347	STEEL PILING	CU YD	30	1.00	30.00
348	STEEL PILING	CU YD	30	1.00	30.00
349	STEEL PILING	CU YD	30	1.00	30.00
350	STEEL PILING	CU YD	30	1.00	30.00

STAGE I & II CONSTRUCTION

STA

DEF

ST. ALBANS - HIGHGATE
IM BPNT(4)
SHEET 26 OF 32
BRIDGE 98N&S
FOR REFERENCE ONLY

DATE INC.

SCALE

DATE

206

REFERENCE SHEETS

NO.	TITLE
400	REL. DATA INFORMATION
401	PLAN & ELEVATION
402	DETAILS
403	DETAILS OF TRUSS
404	DETAILS OF PIER
405	PAVING EQUIPMENT
406	SCB-30-62
407	SCB-45-62
408	SCB-50-62
409	SCB-55-62
410	SCB-60-62
411	SCB-65-62
412	SCB-70-62
413	SCB-75-62
414	SCB-80-62
415	SCB-85-62
416	SCB-90-62
417	SCB-95-62
418	SCB-100-62