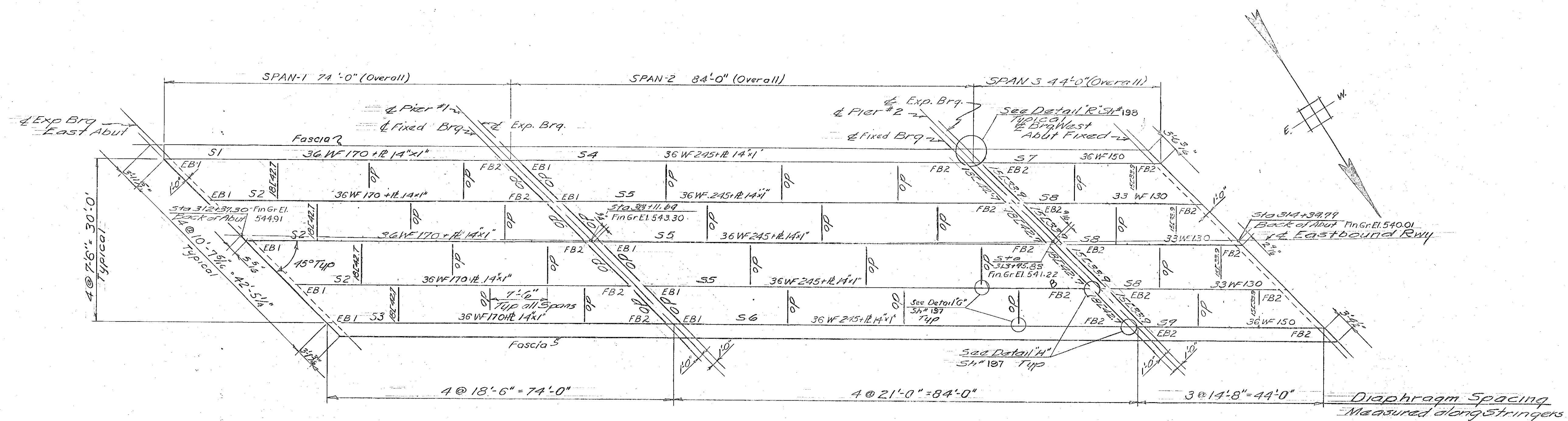
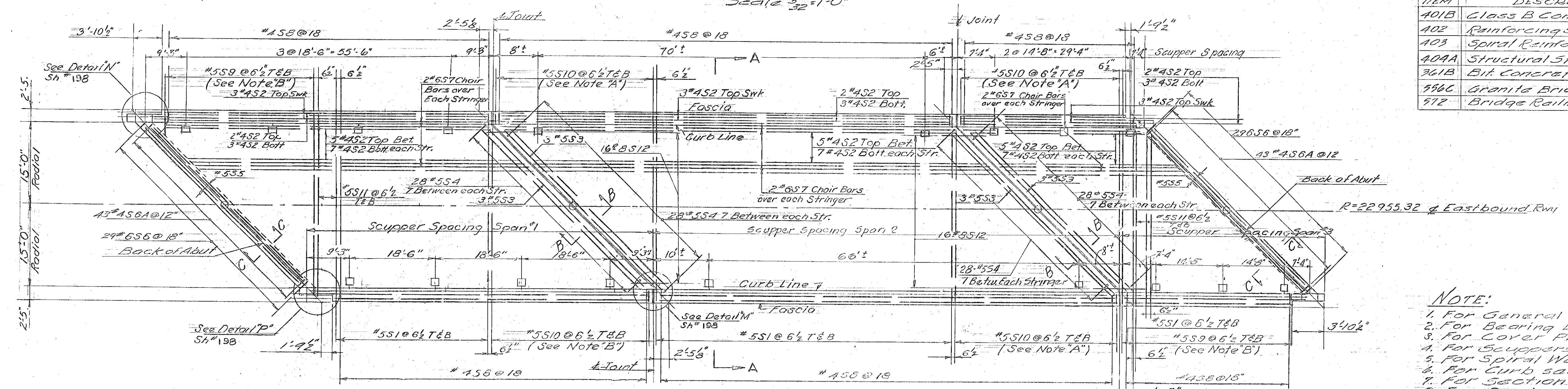




FRAMING PLAN
Scale 3/32"=1'-0"

ESTIMATE of QUANTITIES

ITEM	DESCRIPTION	UNIT	NEAT	ROUND
401B	Class B Concrete (Mod)	CY	222	233
402	Reinforcing Steel	LB	42,223	42,269
403	Spiral Reinforcement (3950 LB)	LB	—	—
404A	Structural Steel	LB	242,543	247,100
361B	Bit. Concrete Part	LT	75	87
556C	Granite Bridge Curb	LF	407	—
512	Bridge Railing	LF	341	—

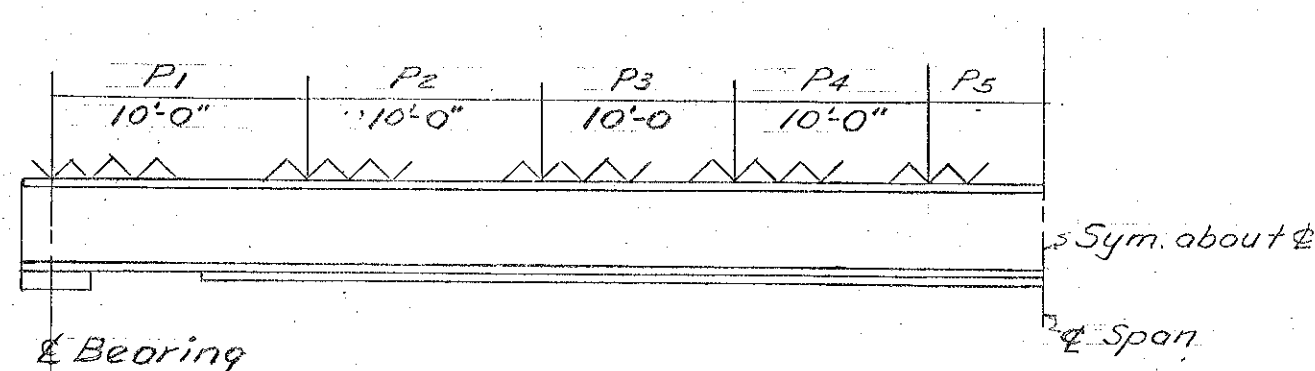


REINFORCING PLAN
Scale 3/32"=1'-0"

- NOTE:
1. For General Notes see Sh. #136
 2. For Bearing Devices see Detail Sh. #197
 3. For Cover Plates see Detail A Sh. #197
 4. For Scuppers see Detail B Sh. #197
 5. For Spiral Welds see Detail L Sh. #197
 6. For Curb see Detail S Sh. #198
 7. For Section A-A see Sh. #198
 8. For Section B-B see Sh. #198
 9. For Section C-C see Sh. #198
 10. For Bridge Railing see Detail S & T Sh. #198
 11. Scupper Spacing may be changed in field by the Engineer
 12. For Alternate Bridge Railings See Sh. #199

STRINGER SCHEDULE

STRINGER MARK	NO. REQD	DIST. C.C. BEARINGS	LENGTH OF BEAM	LENGTH BOTTOM COVER	D.L. Δ	SPIRALS				
						P1	P2	P3	P4	P5
S1	1	71'-2"	73'-3"	51'-9"	1 1/2"	2 3/4"	4"	5 1/2"	8"	13"
S2	3	71'-2"	72'-3"	51'-9"	1 1/2"	2 3/4"	4"	5 1/2"	8"	13"
S3	1	71'-2"	73'-3"	51'-9"	1 1/2"	2 3/4"	4"	5 1/2"	8"	13"
S4	1	81'-2"	83'-10"	51'-10"	2 1/4"	3 1/2"	4"	5"	7"	10"
S5	3	81'-2"	82'-8"	51'-10"	2 1/4"	3 1/2"	4"	5"	7"	10"
S6	1	81'-2"	83'-10"	51'-10"	2 1/4"	3 1/2"	4"	5"	7"	10"
S7	1	41'-2"	43'-3"	—	3/8"	3"	5"	8"	—	8"
S8	3	41'-2"	42'-8"	—	3/8"	3"	5"	8"	—	8"
S9	1	41'-2"	43'-3"	—	3/8"	3"	5"	8"	—	8"



SPIRAL PITCH

NOTE A - S10 Bars vary from 2'-3" to 32'-3" in 6'-0" increments (6 of each size req'd)
NOTE B - S9 Bars vary from 3'-9" to 32'-2" in 6'-0" increments (4 of each size req'd)

IM 089-2(26)
This sheet for information only
BR 43 N & S

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

INTERSTATE PROJECT in the towns of
BERLIN - MONTPELIER - MIDDLESEX

OVERPASS STA. 314+00 STRUCT. #4
EASTBOUND FRAMING & REINFORCING PLAN

JOSEPH ENGINEERING CO.
CONSULTING ENGINEERS
RICHMOND PARK N.J.

SURVEYED BY: V.T. CHECKED BY: A.J.L. SCALE: AS SHOWN
DRAWN BY: RAB. IN CHARGE: RA. DATE: AUG. 1997

PROJECT NO. 199-2(3) SHEET 216 OF 307