B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I - 295 - 3 (44	60	103

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED	T.I.W. & R.C.A.	7-3-69
	TEMPLATE		
	AREAS		
NO. 295/235	AREAS CHECKED		

NOTE:
TO COMPENSATE FOR ANTICIPATED SETTLEMENT, THE GRADES HAVE BEEN ADJUSTED FROM STA 96+00 TO STA 99+00.
SEE NOTES SHEET 65

5" Aggregate Subbase Course - Gravel
Sta 96+00 Ahd to SR703 Bridge NB & SB
From Bridge Ahd to Sta 107+50 SB only

Sta 100+65.91 ℄ I-295 =
Sta 54+02.89 ℄ S.R. 703.

Revised As Built
E W Putney Jr. 5-20-74

Sta. 95+0 to Sta. 110+0

I-295 Scarborough- South Portland (Profile)

Printed in U.S.A.
On IMPERIAL Tracing Cloth

PLATE 3 CROSS SECTION B P R STANDARD
EUGENE DIETZGEN CO., CHICAGO - NEW YORK

Printed in U.S.A.
On IMPERIAL Tracing Cloth

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I - 295 - 3 (4A	61	103

RAMP TPK-6

P.I. Sta. 25+72.77
Δ = 32°-01'-31" Rt.
D = 2°-00'-00"
R = 2864.79'
T = 822.15'
L = 1601.27'
E = 115.64'

Bracing Assembly, Type II - Metal Posts

Sta 22+43	125' Rt.	Ramp TPK-6
Sta 27+70	125' Rt.	Ramp TPK-6
Sta 33+00	125' Rt.	Ramp TPK-6

Right of Way Monuments

Sta 26+00.00, 125.00' Rt. Ramp TPK-6
Sta 33+51.89, 125.00' Rt. " "

Survey Monuments

Sta 26+00.00, 50.00' Rt. Ramp TPK-6
Sta 33+51.89, 75.00' Rt. " "

Bracing Assembly, Type I, Metal Posts

Sta 38+33 108' Rt. Ramp TPK-6

Sta 24+00 Ramp TPK-6
Install 24"x76' RCP with
Sodded End Treatment.
Built 1971

Removed Exist. Mon. 1971
Cost for Removal shall be
considered incidental to
Item 203.20. Common
Excavation.

Revised As Built
E.W. Putney Jr. 5-20-74

MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

Sta 39+00 to 52+00 S.R 703
Sta 21+00 to 38+33.35 Ramp TPK-6

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
CONSULTING ENGINEERS
NEW YORK BOSTON KANSAS CITY

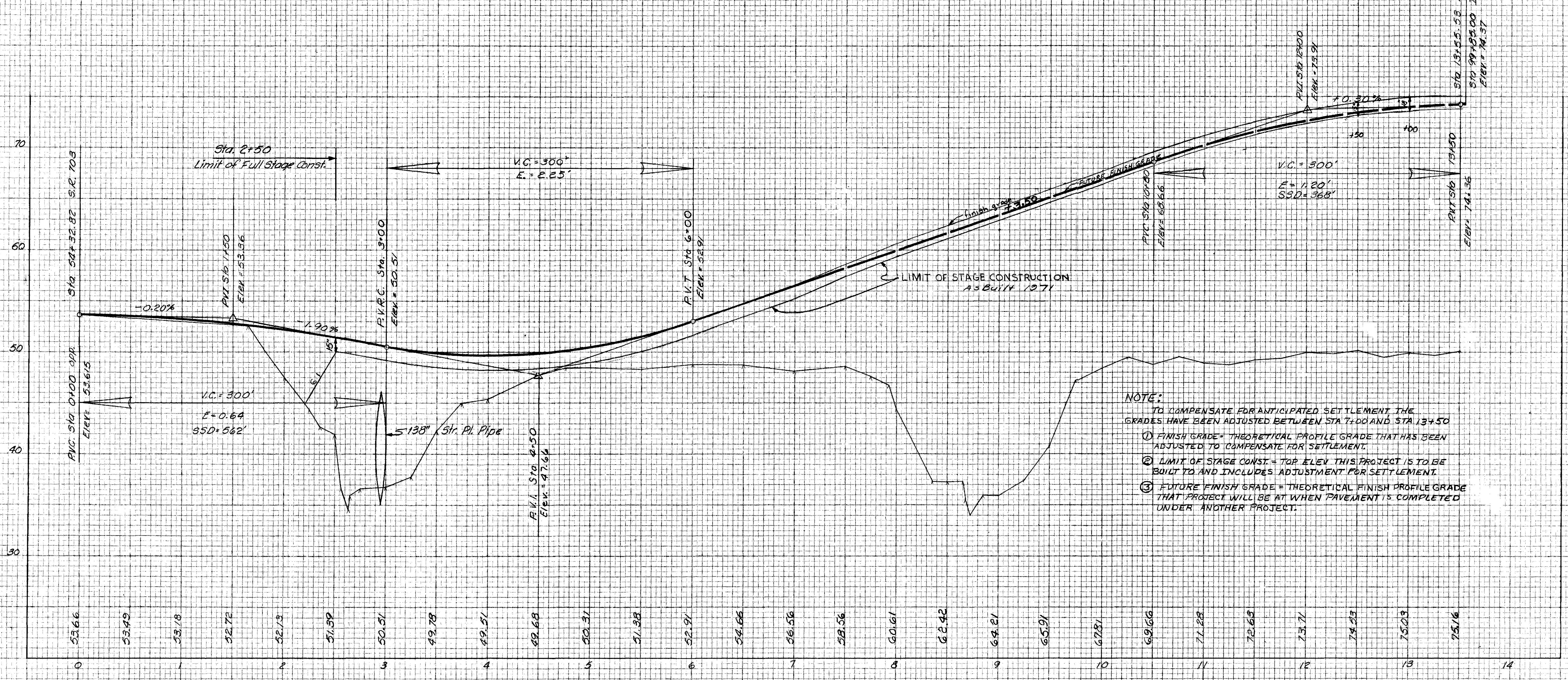
BRUNING 44-302

I-295 Scarborough - South Portland

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I - 295 - 3 (44,	62	103

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK TEMPLATE		
AREAS		
NO. AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED	RCA	
NOTE BOOK TEMPLATE		
AREAS		
NO. 295-244 AREAS CHECKED		



NOTE:

TO COMPENSATE FOR ANTICIPATED SETTLEMENT, THE GRADES HAVE BEEN ADJUSTED BETWEEN STA 7+00 AND STA 13+50

① FINISH GRADE = THEORETICAL PROFILE GRADE THAT HAS BEEN ADJUSTED TO COMPENSATE FOR SETTLEMENT.

② LIMIT OF STAGE CONST. = TOP ELEV THIS PROJECT IS TO BE BUILT TO AND INCLUDES ADJUSTMENT FOR SETTLEMENT.

③ FUTURE FINISH GRADE = THEORETICAL FINISH PROFILE GRADE THAT PROJECT WILL BE AT WHEN PAVEMENT IS COMPLETED UNDER ANOTHER PROJECT.

RAMP TPK-5

RAMP TPK-5
PROFILE

Sta. 0+0 to 14+0

Printed in U.S.A.
On IMPERIAL Tracing Cloth

PLATE 3 CROSS SECTION B P R STANDARD
EUGENE DIETZGEN CO., CHICAGO - NEW YORK

I-295 Scarborough - South Portland (Profile)

Printed in U.S.A
On IMPERIAL Tracing Cloth

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I - 295 - 3 (44	63	103

FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED	J.W.M.	7/69
NOTE BOOK	TEMPLATE	J.W.M.	
	AREAS		
NO. 295/246	AREAS CHECKED		

LIMIT OF STAGE CONSTRUCTION
As Built 1971

NOTE:
TO COMPENSATE FOR ANTICIPATED SETTLEMENT, THE GRADES HAVE BEEN ADJUSTED BETWEEN STA 10+00 AND STA 13+50 SEE NOTES SHEET NO. 65

LIMIT OF STAGE CONSTRUCTION
As Built 1971

RAMP TPK-6

RAMP TPK-6
PROFILE

Sta. 10+0 to Sta. 33+0

Printed in U.S.A.
On IMPERIAL Tracing Cloth

PLATE 3 CROSS SECTION B P R STANDARD
EUGENE DIETZGEN CO. CHICAGO - NEW YORK

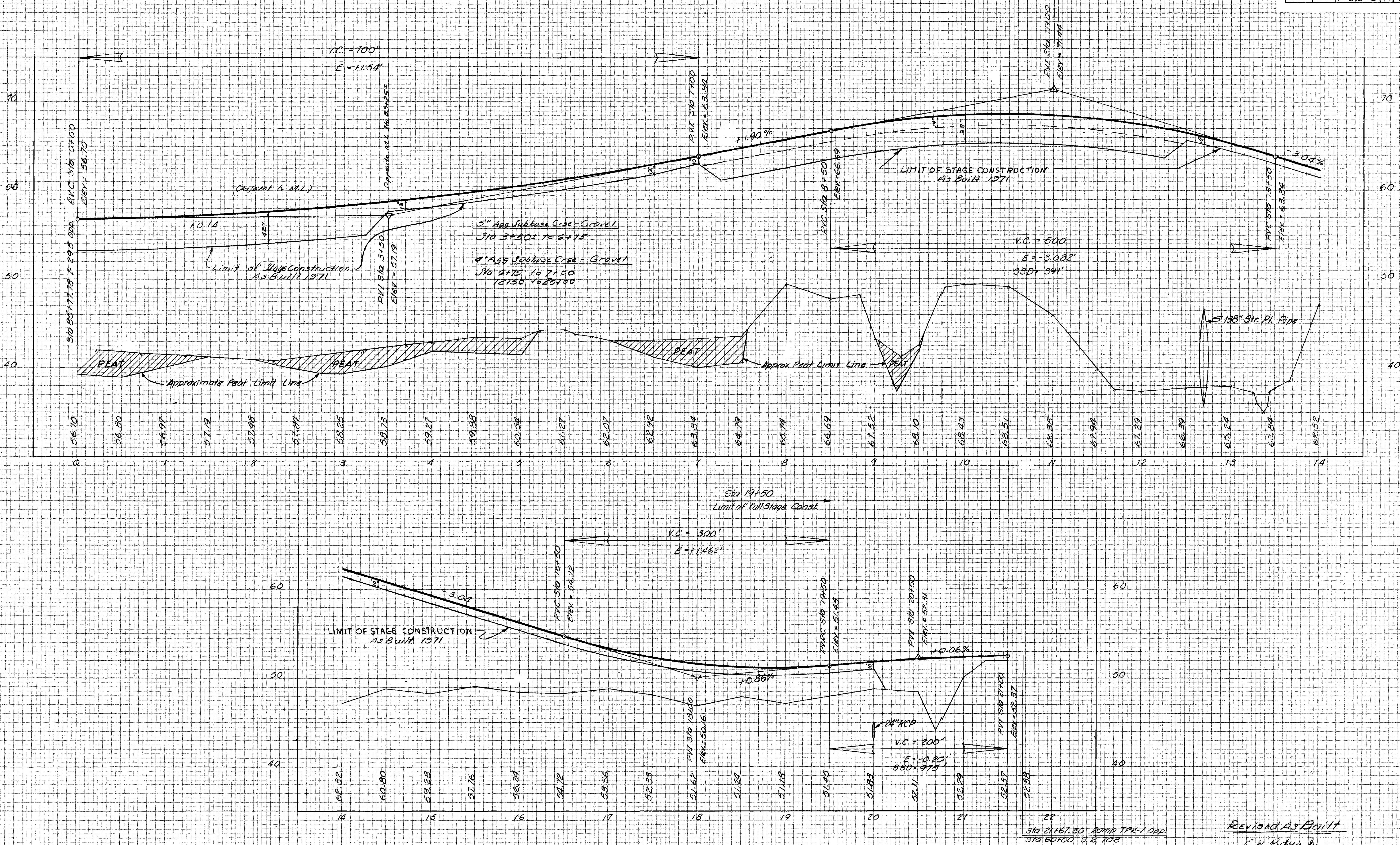
I-295 Scarborough- South Portland (Profile)

Printed in U.S.A.
On IMPERIAL Tracing Cloth

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-295-3 (44)	64	103

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK 295/244	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		



RAMP TPK-7

Revised As Built

C. W. Putney Jr.
5-20-74

RAMP TPK-7
PROFILE

Sta. 0+0 to Sta. 22+0

Printed in U.S.A.
On IMPERIAL Tracing Cloth

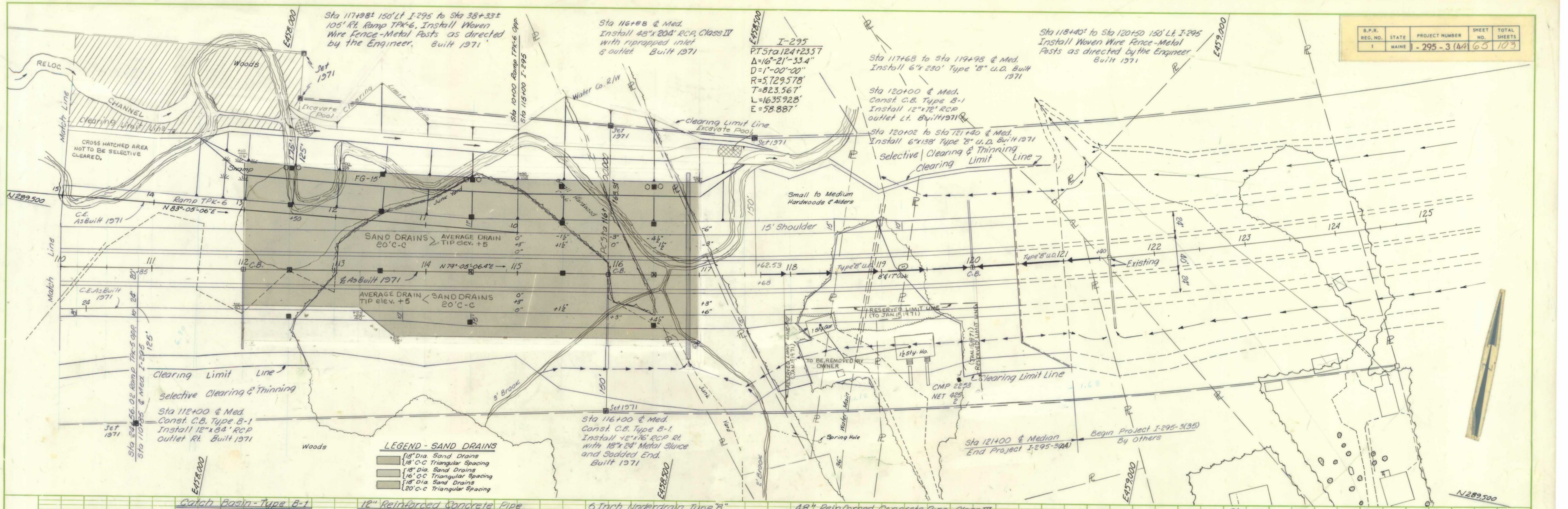
PLATE 3 CROSS SECTION B P R STANDARD
EUGENE DIETZGEN CO., CHICAGO - NEW YORK

I-295 Scarborough - South Portland

Printed in U.S.A.
On IMPERIAL Tracing Cloth 65

B.P.R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I - 295 - 3 (44)	65	103

PLAN	BY	DATE
SURVEYED		
NOTE BOOK PLOTTED		
ALIGNMENT CHECKED		
NO. RT. OF WAY CHECKED		



Sta 117+98± 150' Lt I-295 to Sta 38+33± 105' Rt. Ramp TPK-6. Install Woven Wire Fence-Metal Posts as directed by the Engineer. Built 1971

Sta 116+88 ₵ Med. Install 48"x 204' RCP, Class IV with riprapped inlet & outlet. Built 1971

I-295
P.T. Sta. 124+23.57
Δ=16°-21'-33.4"
D=1°-00'-00"
R=5,729.578'
T=823.567'
L=1635.928'
E=58.887'

Sta 117+68 to Sta 119+98 ₵ Med. Install 6"x 230' Type "B" U.D. Built 1971

Sta 120+00 ₵ Med. Const. C.B. Type B-1 Install 12"x 72' RCP outlet Lt. Built 1971

Sta 120+02 to Sta 121+40 ₵ Med. Install 6"x 138' Type "B" U.D. Built 1971

Sta 118+40± to Sta 120+50 150' Lt. I-295 Install Woven Wire Fence-Metal Posts as directed by the Engineer Built 1971

Sta 112+00 ₵ Med. Const. C.B. Type B-1 Install 12"x 84' RCP Outlet Rt. Built 1971

Sta 116+00 ₵ Med. Const. C.B. Type B-1. Install 42"x 76' RCP Rt. with 18"x 24' Metal Sluice and Sodded End. Built 1971

Sta 121+00 ₵ Median
End Project I-295-3(44)

Begin Project I-295-3(35)
By Others

LEGEND - SAND DRAINS

▨	18" Dia. Sand Drains 18' C-C Triangular Spacing
▨	18" Dia. Sand Drains 16' C-C Triangular Spacing
▨	18" Dia. Sand Drains 20' C-C Triangular Spacing

PROFILE	BY	DATE
SURVEYED		
NOTE BOOK PLOTTED	T.J.W. & R.C.A.	7-3-69
GRADES CHECKED		
NO. B. M.S NOTED		
STRUCTURE NOTAT'NS CH'KD		

Catch Basin - Type B-1
Sta 112+00 ₵ Med. I-295
Sta 116+00 ₵ Med. I-295
Sta 120+00 ₵ Med. I-295

12" Reinforced Concrete Pipe

Sta. 112+00	84 L.F.
Sta. 116+00	76 L.F.
Sta. 120+00	72 L.F.

6 Inch Underdrain Type "B"
Sta. 117+68 to Sta. 119+98 - 230 L.F.
Sta. 120+02 to Sta. 121+40 - 138 L.F.

48" Reinforced Concrete Pipe - Class IV
Sta. 116+88 Rt. to Lt. 204 L.F.

Clearing
Sta 117+25± to Sta 120+50± Lt. & Rt.

Removal of Buildings

Sta 118+25±	50'± Rt.
Sta 119+35±	70'± Rt.

Bracing Assembly, Type II - Metal Posts

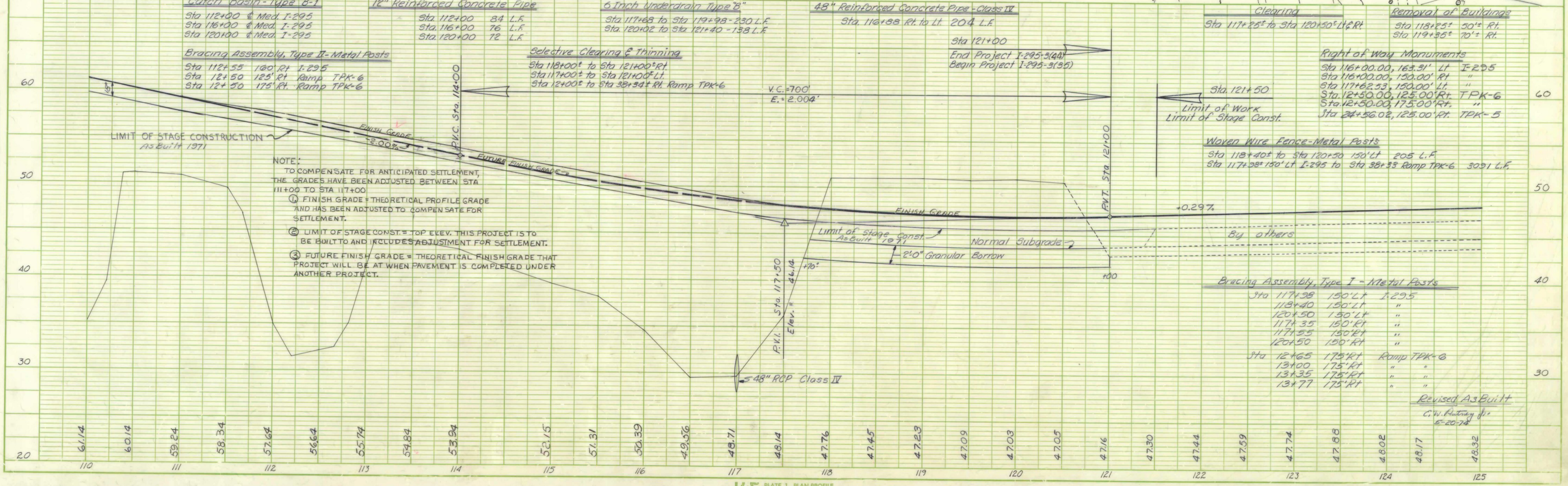
Sta 112+55	160' Rt	I-295
Sta 12+50	125' Rt	Ramp TPK-6
Sta 12+50	175' Rt.	Ramp TPK-6

Selective Clearing & Thinning
Sta 118+00± to Sta 121+00± Rt.
Sta 117+00± to Sta 121+00± Lt.
Sta 12+00± to Sta 38+34± Rt. Ramp TPK-6

Right of Way Monuments

Sta 116+00.00,	163.31' Lt	I-295
Sta 116+00.00,	150.00' Rt	"
Sta 117+62.53,	150.00' Lt.	"
Sta. 12+50.00,	125.00' Rt.	TPK-6
Sta. 12+50.00,	175.00' Rt.	"
Sta 24+56.02,	125.00' Rt.	TPK-5

Woven Wire Fence-Metal Posts
Sta 118+40± to Sta 120+50 150' Lt 205 L.F.
Sta 117+98± 150' Lt I-295 to Sta 38+33 Ramp TPK-6 3091 L.F.



NOTE:
TO COMPENSATE FOR ANTICIPATED SETTLEMENT, THE GRADES HAVE BEEN ADJUSTED BETWEEN STA 111+00 TO STA 117+00

① FINISH GRADE = THEORETICAL PROFILE GRADE AND HAS BEEN ADJUSTED TO COMPENSATE FOR SETTLEMENT.

② LIMIT OF STAGE CONST. = TOP ELEV. THIS PROJECT IS TO BE BUILT TO AND INCLUDES ADJUSTMENT FOR SETTLEMENT.

③ FUTURE FINISH GRADE = THEORETICAL FINISH GRADE THAT PROJECT WILL BE AT WHEN PAVEMENT IS COMPLETED UNDER ANOTHER PROJECT.

Bracing Assembly, Type I - Metal Posts

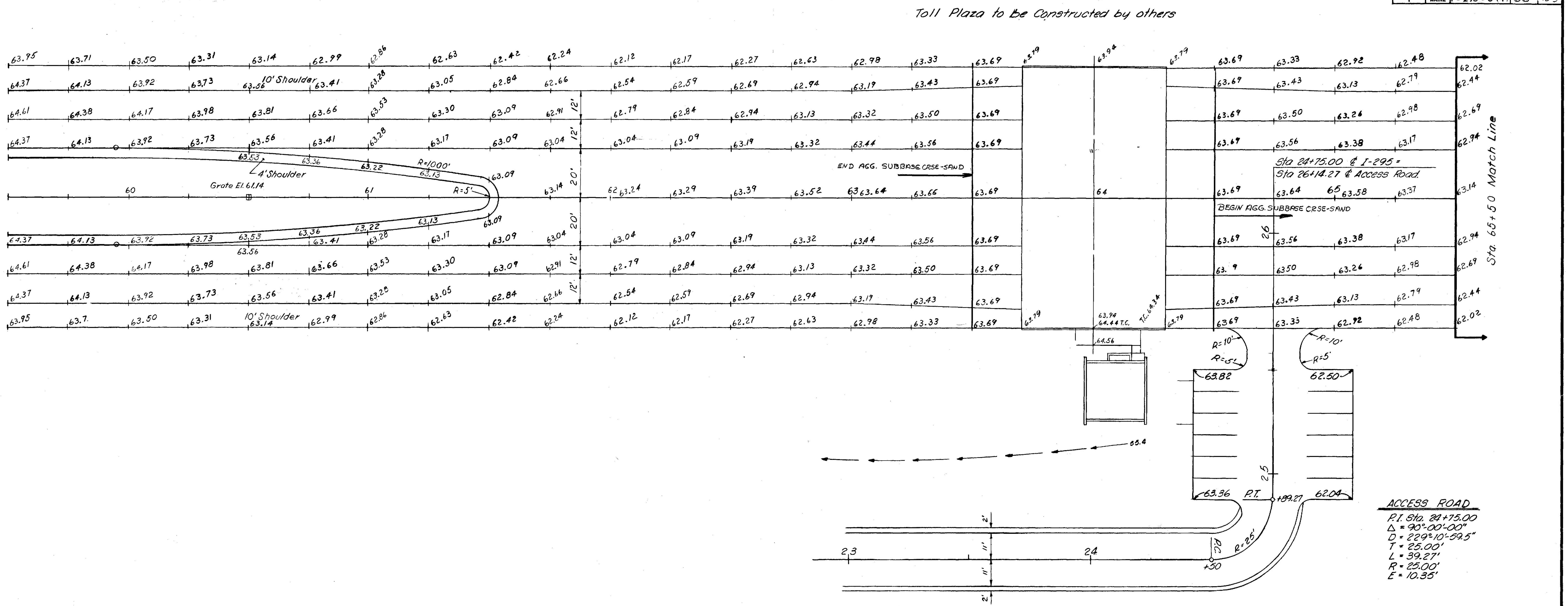
Sta	117+98	150' Lt	I-295
	118+40	150' Lt	"
	120+50	150' Lt	"
	117+35	150' Rt	"
	117+55	150' Rt	"
	120+50	150' Rt	"
Sta	12+65	175' Rt	Ramp TPK-6
	13+00	175' Rt	" "
	13+35	175' Rt	" "
	13+77	175' Rt	" "

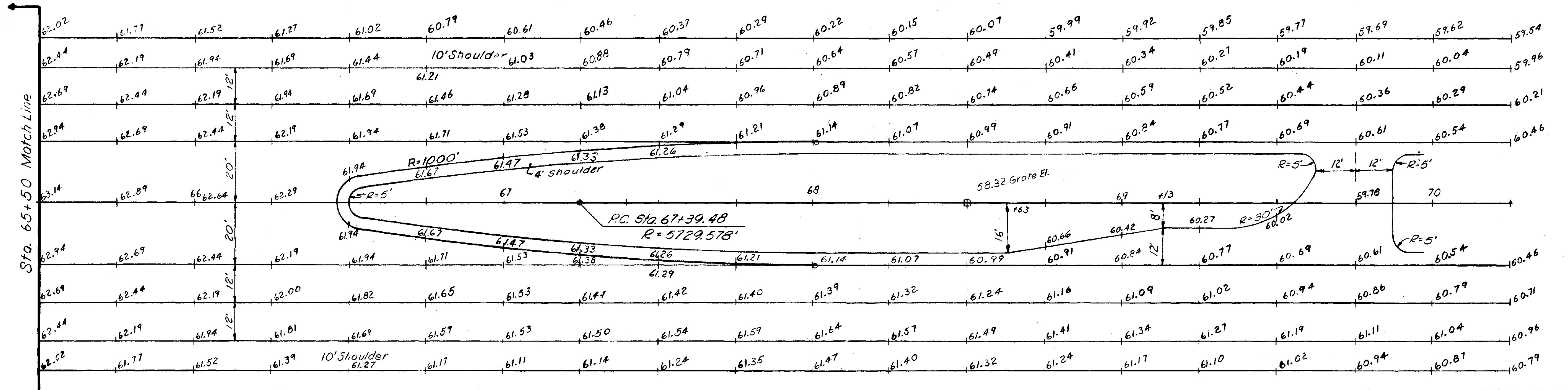
Revised As Built
C. W. Rutney Jr.
5-20-74

K+E PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO.

I-295 Scarborough - South Portland

B.P.R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-295-3(44)	66	103





MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

TOLL PLAZA

GRADING PLAN

HOWARD, NEEDLES, TAMMEN & BERGENDOFF
CONSULTING ENGINEERS
NEW YORK BOSTON KANSAS CITY

BRUNING 44-302

I-295 Scarborough - South Portland 67