

**STATE OF MAINE
STATE HIGHWAY COMMISSION**

PLANS

**HAMPDEN
PENOBSCOT COUNTY
MAINE FEDERAL AID INTERSTATE
PROJECT NO. I-95-7(14)170**

TOTAL LENGTH 2.857 MILES

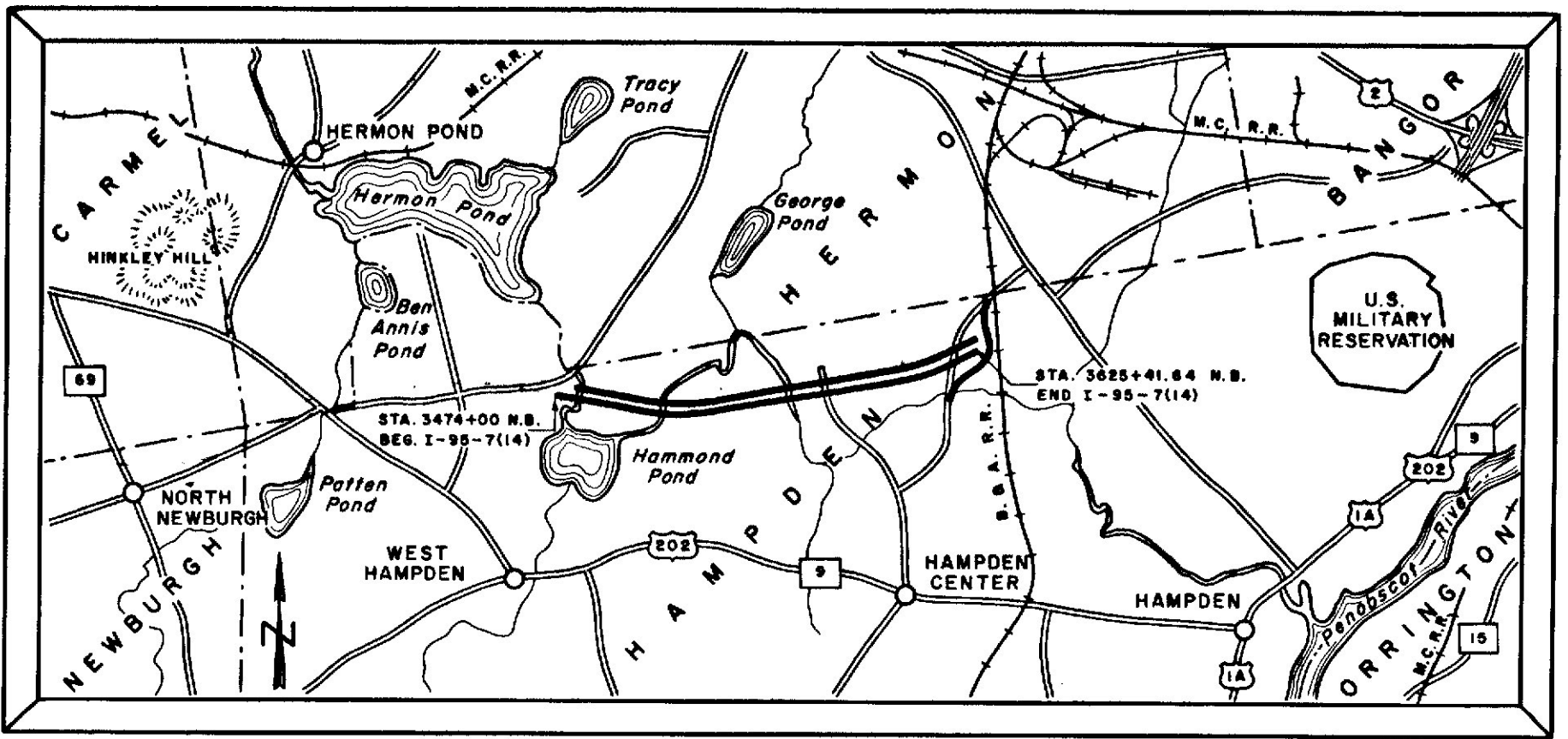
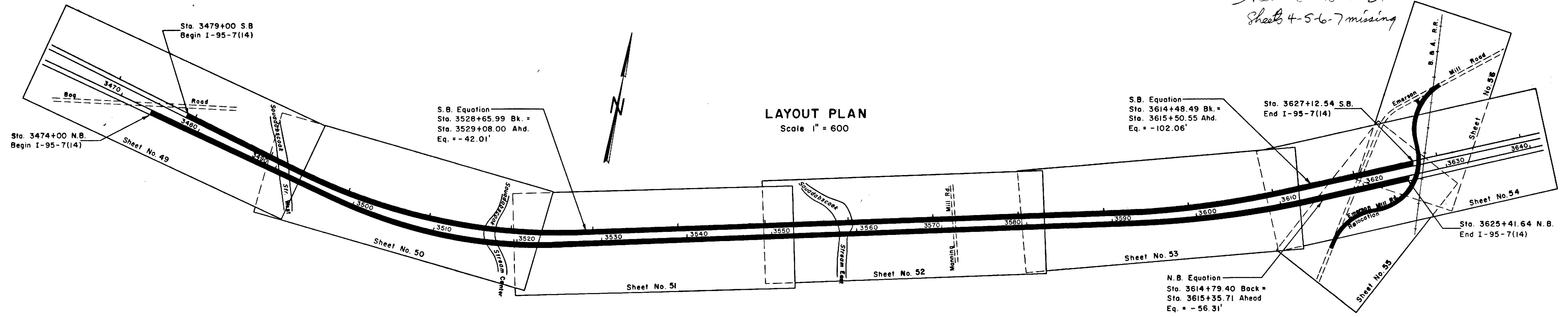
SCALES { PLAN 1 IN. = 50 FT.
PROFILE { HOR. 1 IN. = 50 FT.
VER. 1 IN. = 5 FT.
CROSS SECTIONS 1 IN. = 5 FT.

*122.06
42.31
- Jan 57*

CONVENTIONAL SIGNS	
STATE OR NATIONAL LINE	-----
COUNTY LINE	-----
TOWN LINE	-----
UNFENCED PROPERTY FENCE	-----
RIGHT OF WAY LINE	-----
TRAVELED WAY	-----
RAILROAD	-----
RETAINING WALL	-----
SURVEY LINE	-----
CULVERT	-----
DROP INLET	-----
TROLLEY POLE	-----
POWER POLE	-----
TEL. POLE	-----
MARSH	-----
TREES	-----
STONE WALL	-----

INDEX OF SHEETS		
SHEET NO. 1	TITLE PAGE	STA. 3474+0 To 3625+41.64 N.B. 3479+0 To 3627+12.54 S.B.
SHEET NO. 2	TYPICAL SECTIONS	
SHEET NO. 3	QUANTITIES	
SHEET NO. 4-7	STANDARD DETAILS	
SHEET NO. 49-54	PLAN AND PROFILE	STA. 3474+0 To 3625+41.64 N.B. 3479+0 To 3627+12.54 S.B.
SHEET NO. 57-136	CROSS-SECTIONS	STA. 3474+0 To 3625+41.64 N.B. 3479+0 To 3627+12.54 S.B.
SHEET NO. 8-48	BRIDGES	STA.
SHEET NO.	SPECIAL DETAILS	
SHEET NO. 55,56	PLAN AND PROFILE	EMERSON MILLS RD. RELOCATION
SHEET NO. 137-145	CROSS SECTIONS	EMERSON MILLS RD. RELOCATION

*Sheets 6-48 to Br Mount
Sheets 4-5-6-7 missing*



NOTE:
All Work Contemplated Under This Contract To Be Governed By And In Conformity With The Specifications Adopted January 1956 Except As Modified On These Plans And In The Special Provisions.

TRAFFIC DATA

A.D.T. - 1960	--- 7,390
A.D.T. - 1980	--- 10,310
D.H.V.	--- 1,235
T.	--- 11%
D.	--- 60%
V.	--- 60 mph

APPROVED:
MAINE STATE HIGHWAY COMMISSION

David J. Shute CHAIRMAN 12 JUL '61
Charles J. [Signature] 12 JUL '61
Robert [Signature] 12 JUL '61
Raymond [Signature] CHIEF ENGINEER 12 JUL '61

**DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
REGION 1**

APPROVED:

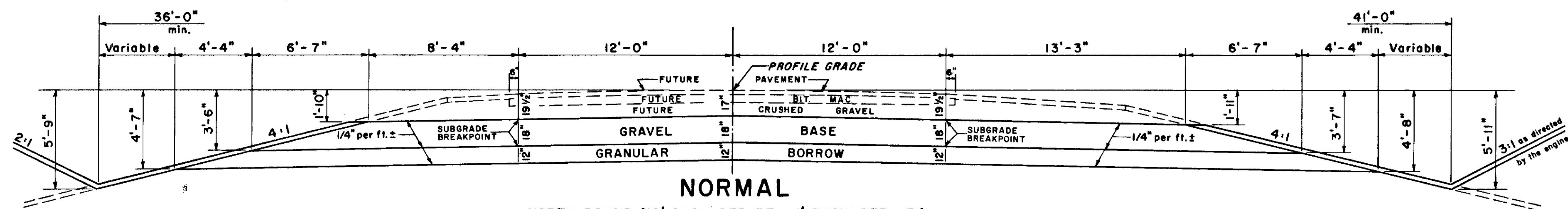
DIVISION ENGINEER DATE

STAGE CONSTRUCTION - GRADING AND GRAVEL BASE *

VARIABLE WIDTH MEDIAN

STA. 3474+00 - STA. 3625+41.64

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	E-95-7(1)	2	145



4 FT. SHOULDER

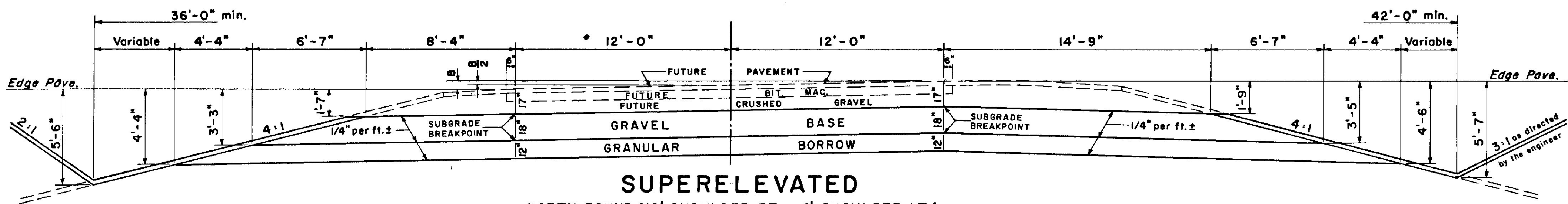
18" Gravel Base Course = 64.62 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 62.56 C.Y. PER 100 L.F.

24 FT. PAVEMENT

18" Gravel Base Course = 133.33 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 88.89 C.Y. PER 100 L.F.

10 FT. SHOULDER

18" Gravel Base Course = 92.43 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 80.86 C.Y. PER 100 L.F.



4 FT. SHOULDER

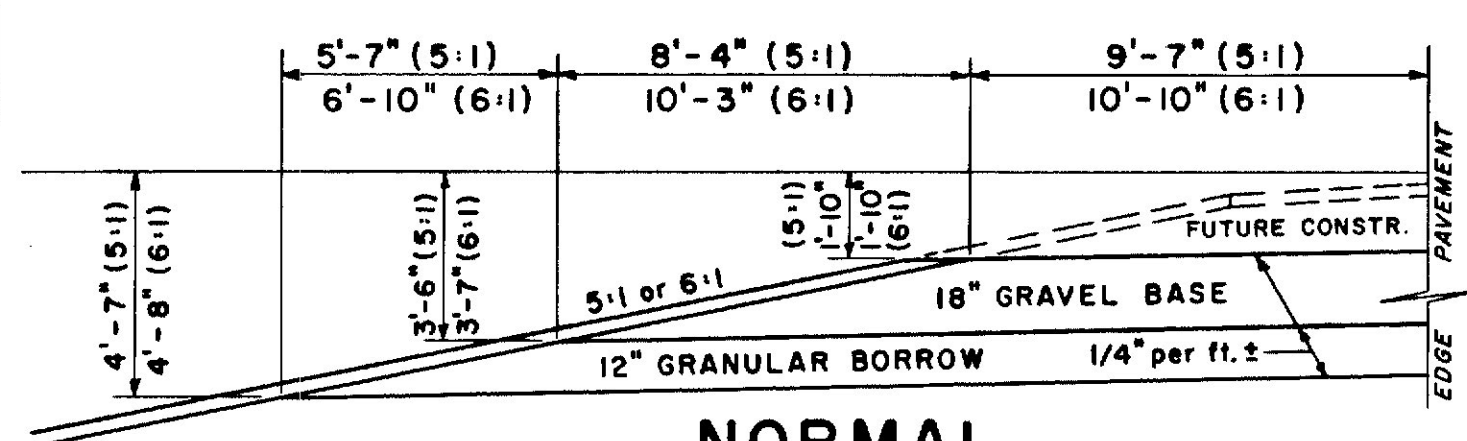
18" Gravel Base Course = 65.12 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 62.91 C.Y. PER 100 L.F.

24 FT. PAVEMENT

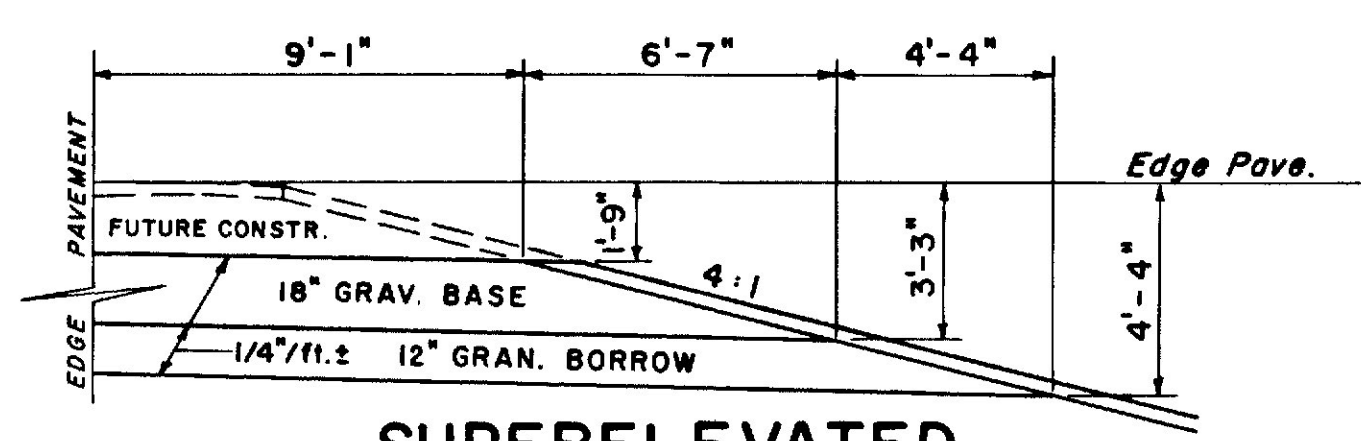
18" Gravel Base Course = 133.33 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 88.89 C.Y. PER 100 L.F.

10 FT. SHOULDER

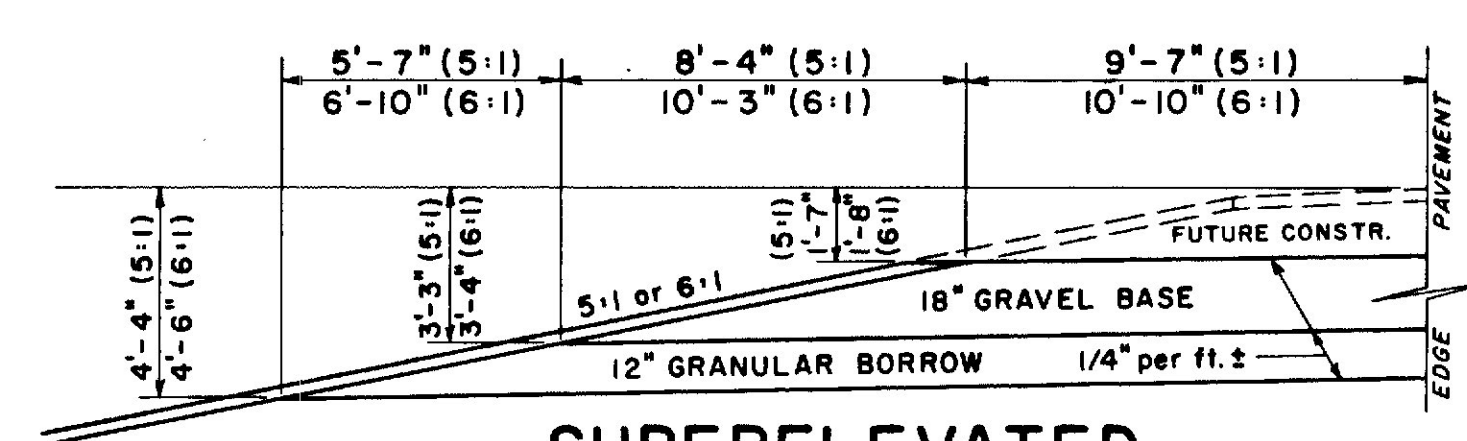
18" Gravel Base Course = 100.72 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 86.32 C.Y. PER 100 L.F.



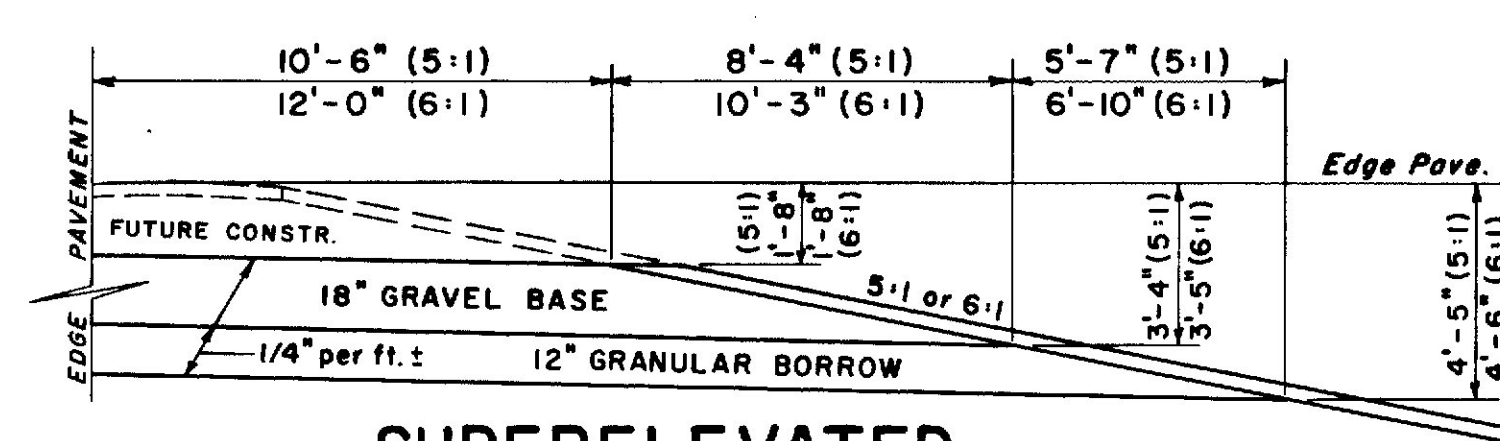
5:1 18" Gravel Base Course = 76.13 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 75.59 C.Y. PER 100 L.F.
6:1 18" Gravel Base Course = 89.71 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 88.19 C.Y. PER 100 L.F.



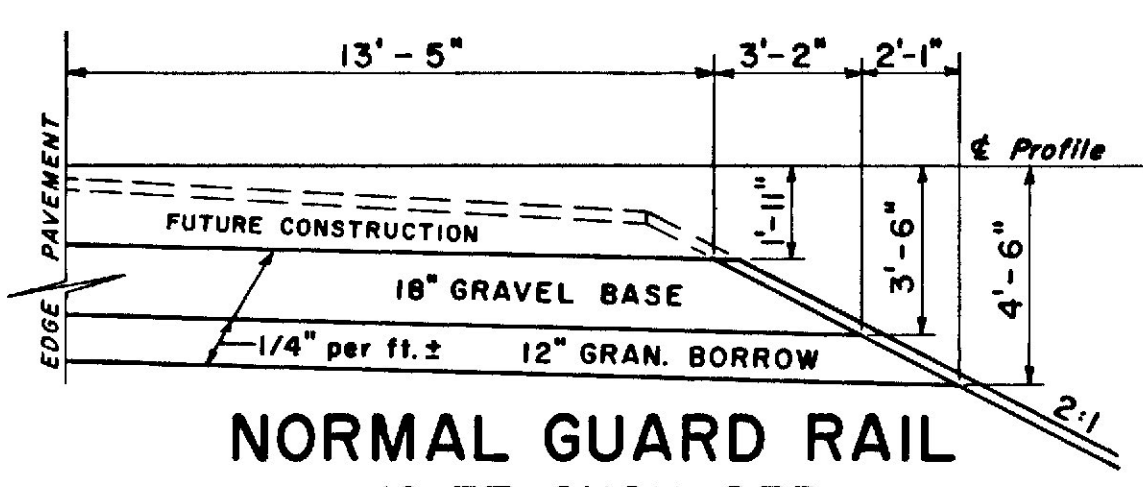
18" Gravel Base Course = 69.52 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 65.79 C.Y. PER 100 L.F.



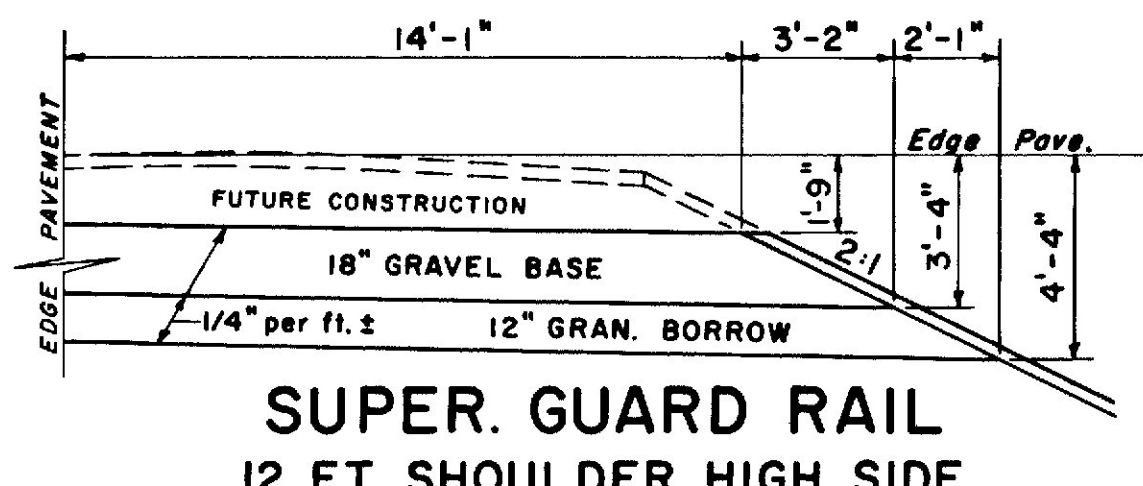
5:1 18" Gravel Base Course = 76.77 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 76.01 C.Y. PER 100 L.F.
6:1 18" Gravel Base Course = 88.93 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 87.67 C.Y. PER 100 L.F.



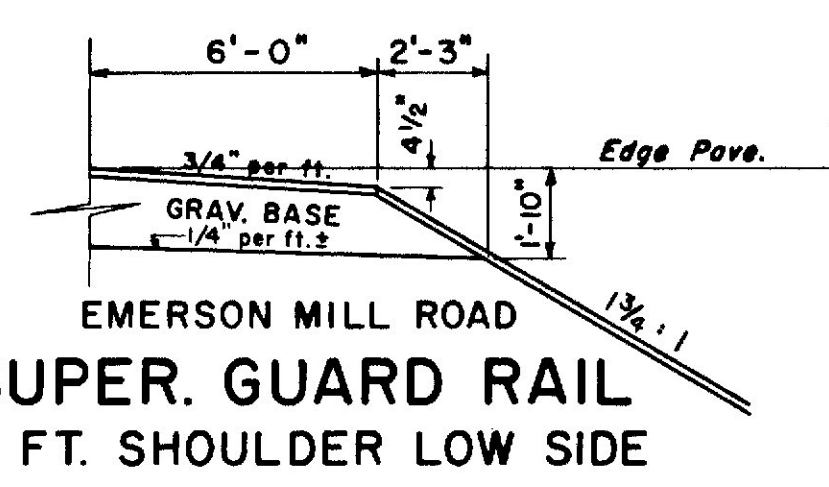
5:1 18" Gravel Base Course = 80.86 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 78.69 C.Y. PER 100 L.F.
6:1 18" Gravel Base Course = 95.95 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 92.17 C.Y. PER 100 L.F.



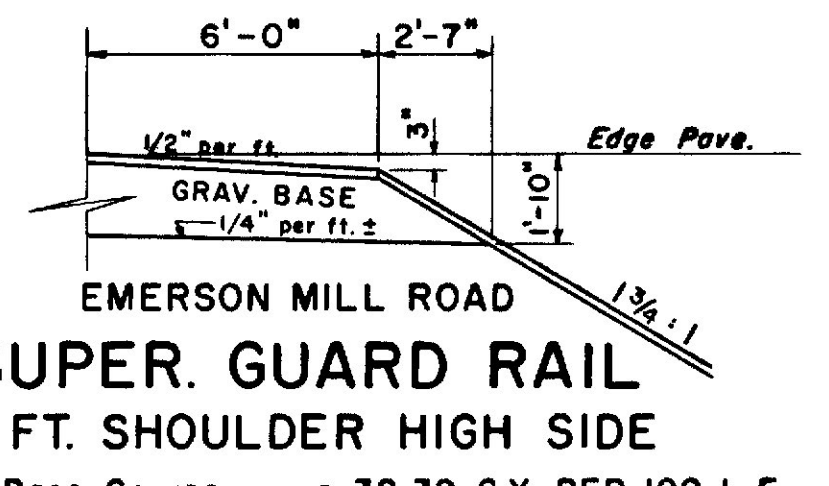
18" Gravel Base Course = 83.69 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 63.83 C.Y. PER 100 L.F.



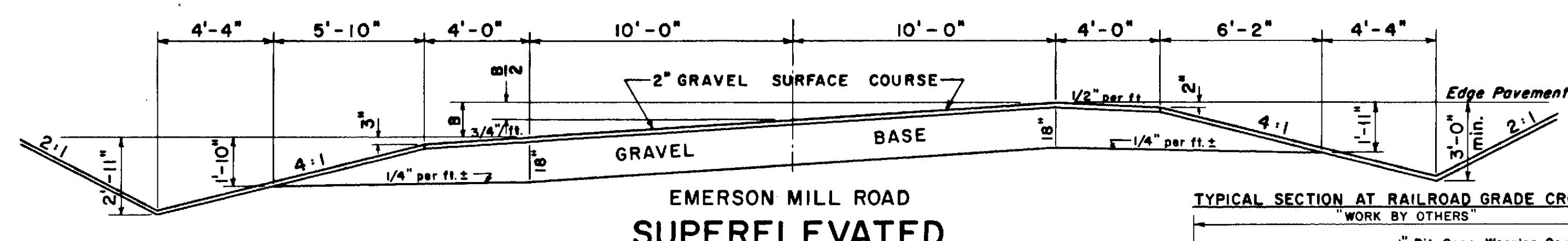
18" Gravel Base Course = 87.26 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 66.14 C.Y. PER 100 L.F.



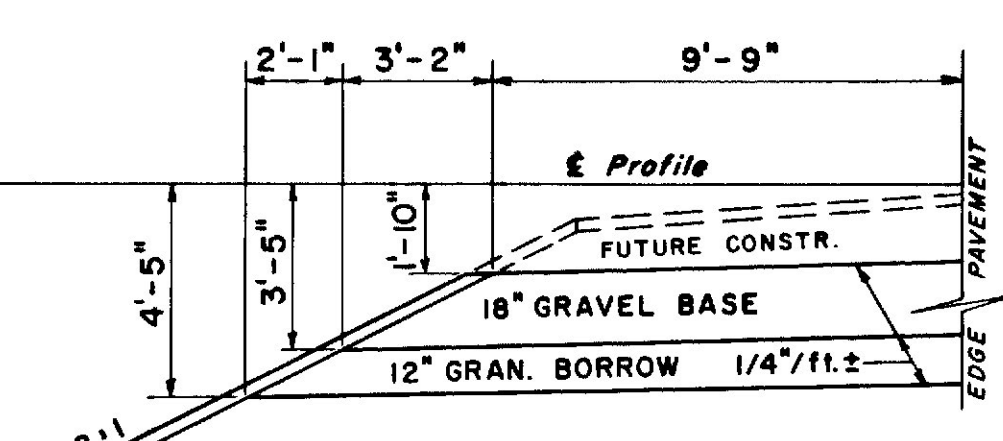
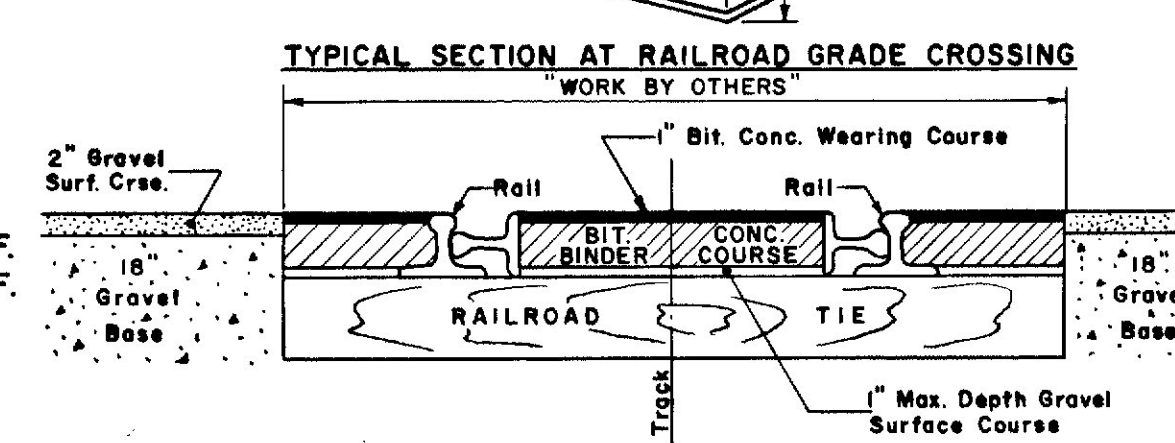
Gravel Base Course = 35.71 C.Y. PER 100 L.F.



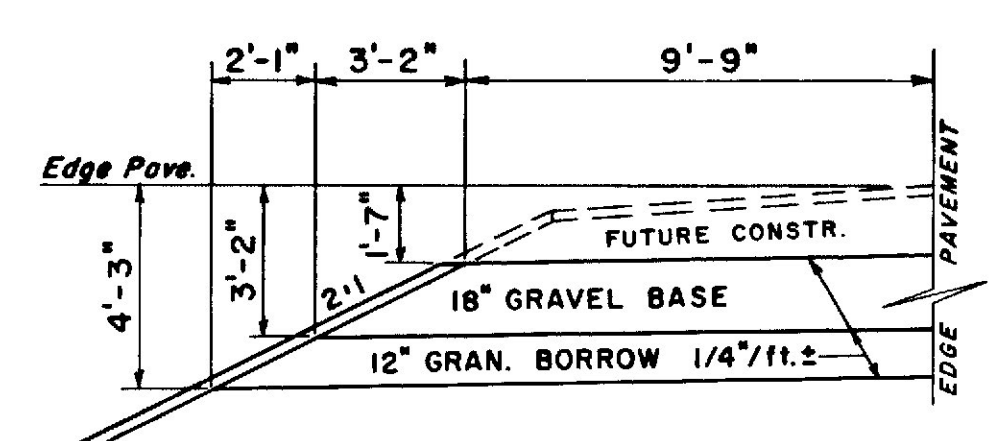
Gravel Base Course = 38.39 C.Y. PER 100 L.F.



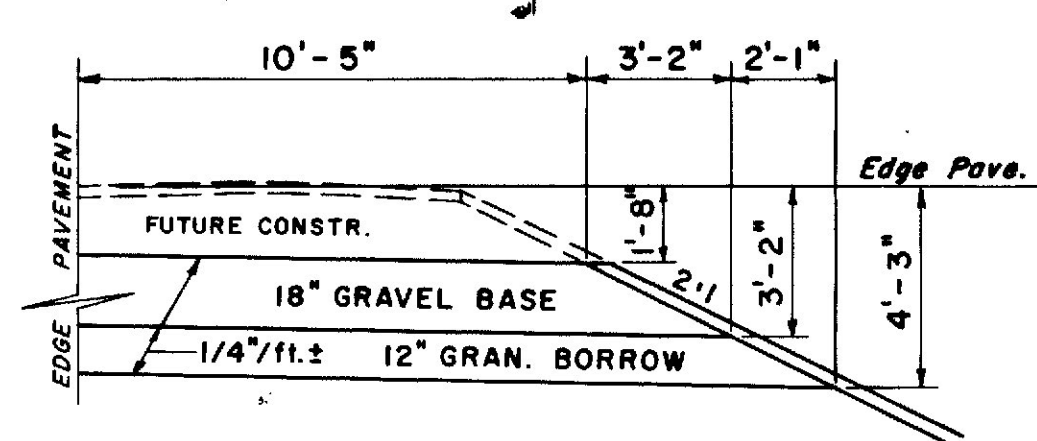
2" Gravel Surface Course = 12.35 C.Y. PER 100 L.F.
18" Gravel Base Course = 111.11 C.Y. PER 100 L.F.



18" Gravel Base Course = 63.25 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 50.57 C.Y. PER 100 L.F.



18" Gravel Base Course = 63.49 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 52.73 C.Y. PER 100 L.F.

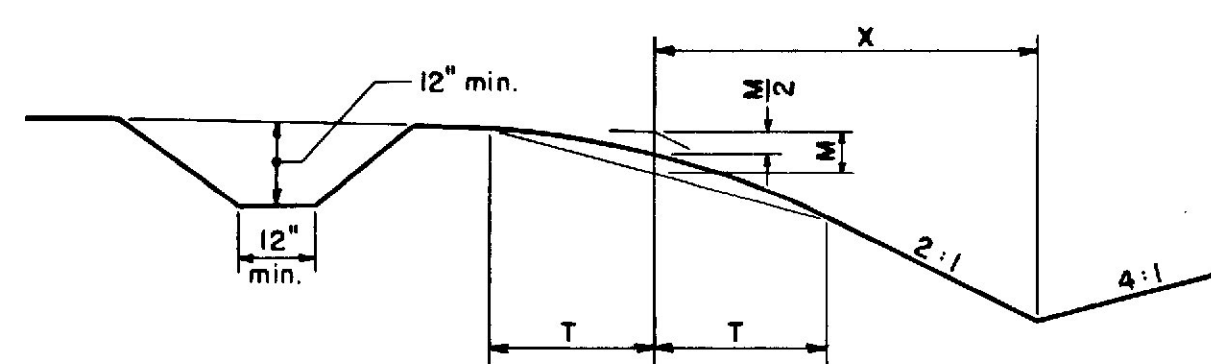


18" Gravel Base Course = 65.20 C.Y. PER 100 L.F.
12" Granular Borrow Subbase = 55.30 C.Y. PER 100 L.F.

Superelevation shall be as specified in A. A. S. H. O. Policy of Geometric Design of Rural Highways. (e) The maximum superelevation shall not exceed 0.08' per foot width of pavement. All curves shall have full superelevation at the first 50' station occurring a minimum distance of 50' after the P.C. and a minimum distance of 50' before the P.T. When superelevation exceeds 3/4" per foot, inside shoulder shall have same slope as pavement.

NOTE

For all sections depth of ditch depends on local conditions. Depth of base as shown may be changed to meet local conditions.



BERM DITCH

Construct berm ditch as shown on the plans or as directed by the engineer. Where a 2:1 slope is not practical, use a 1 1/2:1 slope.

Where "X" = 7 or less, "T" = X - 2, otherwise "T" = 5. To avoid property damage and to save shade trees, this formula may be modified by the engineer.

* NOTE: The pavement and base depths as shown on the plans are intended to be nominal

DRAINAGE

FINAL ESTIMATED QUANTITIES

B. P. R. DIV. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(14)	3	175

STATION	A.C.C.M.P. LEFT EXTENSION		R.C.P.		A.C.C.M.P. RIGHT EXTENSION		A.C.C.M.P.		R.C.P.		CATCH BASINS				DROP INLETS		METAL END-WALLS		UNDERDRAINS				REMARKS			
	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	CLASS	A	B	C	D	E	F	A	B	LT.	RT.	TYPE	TYPE C	SIZE		LENGTH		
NB 3482+50			24"	116'	24"	24'				IV															Equalizer	
SB 3483+60	24"	26'	24"	108'						IV															Equalizer	
NB 3495+00			24"	84'	24"	26'				IV															Equalizer	
SB 3496+07	24"	24'	24"	88'						IV															Equalizer	
NB 3503+50	24"	22'	24"	60'	24"	28'				III															1-24" Culv. Connector Rt.	
SB 3504+40	24"	16'	24"	36'	24"	34'				III															1-24" Culv. Connector Rt.	
NB 3510+00	24"	28'	24"	76'	24"	30'				IV															1-24" Culv. Connector Rt.	
NB 3525+00	24"	18'	24"	92'	24"	44'				IV															1-24" Culv. Connector Rt.	
SB 3532+70	24"	42'	24"	88'	24"	20'				IV															1-24" Culv. Connector Lt.	
SB 3538+00	24"	32'	24"	100'	24"	14'				IV															1-24" Culv. Connector Lt.	
NB 3548+00	24"	28'	24"	40'	24"	18'				III															1-24" Culv. Connector Lt.	
SB 3551+00	24"	28'	24"	44'	24"	24'				III															1-24" Culv. Connector Lt.	
SB 3570+00	24"	30'	24"	48'	24"	22'				III															1-24" Culv. Connector Lt.	
NB 3576+00	24"	26'	24"	36'	24"	30'				III															1-24" Culv. Connector Rt.	
SB 3577+80	24"	22'	24"	48'	24"	30'				III															1-24" Culv. Connector Rt.	
NB 3591+00	24"	24'	24"	48'	24"	32'				III															1-24" Culv. Connector Rt.	
SB 3592+50 (15' Stew)	24"	24'	24"	60'	24"	30'				III															1-24" Culv. Connector Rt.	
NB 3603+00	24"	24'	24"	60'	24"	32'				III															1-24" Culv. Connector Rt.	
SB 3603+65	24"	22'	24"	44'	24"	32'				III															1-24" Culv. Connector Rt.	
NB 3609+00	24"	26'	24"	48'	24"	30'				III															1-24" Culv. Connector Rt.	
SB 3609+35	24"	24'	24"	48'	24"	30'				III															1-24" Culv. Connector Rt.	
Emerson Mill Road																										
19+15					18"	68'																				
27+54					54"	94'																				
22+50 To 24+64 Lt					18"	164'																				25° Skew Bevel Ends 1/4" / 1-18" Culv. Connector Lt.

ITEM NO	DESCRIPTION	QUANTITY	UNIT
201-5	Clearing	59818	Acres
201-6	Selective Clearing and Thinning	24659	Acres
202-5	Removing Trees (9"-24")	71762	Each
203-9	Earth Excavation	2776	Cu.Yds.
203-10	Rock Excavation	80022	Cu.Yds.
203-12	Muck Excavation	219	Cu.Yds.
204-10	Excavation for Slope Gravel Blanket	2398	Cu.Yds.
204-14	Structural Earth Excavation-Drainage	87	Cu.Yds.
204-15	Structural Rock Excavation-Drainage	670	Cu.Yds.
204-16	Structural Earth Excavation-Piers	13783	Cu.Yds.
205-8	Common Borrow	290837	Cu.Yds.
205-9	Granular Borrow	664373	Cu.Yds.
205-10	Gravel Borrow	0	Cu.Yds.
207-10	Machine Aerating	388	Hrs.
209-6	Bulldozer Grading (Including Operator)	5325	Hrs.
302-7	Gravel Base Course - In Place Measurement	88155	Cu.Yds.
302-7	Gravel For Foundations	0	Cu.Yds.
302-7	Gravel Base for Slope Blanket	219	Cu.Yds.
310-6	Sprinkling	1115	Units
311-6	Calcium Chloride	3985	Tons
401-11	Gravel Surface Course	5613	Cu.Yds.
501-7	Road Tar	4311	Gals.
602-12	18-Inch Asphalt Coated Corr. Metal Pipe	94	Lin.Ft.
602-14	24-Inch Asphalt Coated Corr. Metal Pipe	1016	Lin.Ft.
602-19	54-Inch Asphalt Coated Corr. Metal Pipe	94	Lin.Ft.
603-12	18-Inch Reinforced Conc. Pipe Class III	168	Lin.Ft.
603-13	24-Inch Reinforced Conc. Pipe Class III	672	Lin.Ft.
603-22	24-Inch Reinforced Conc. Pipe Class IV	768	Lin.Ft.
605-26	Catch Basins - Type F	4	Each
606-10	Underdrain, Type B	490	Lin.Ft.
606-16	Underdrain Outlets	60	Each
607-8	Metal Endwalls for 24-Inch Pipe	20	Each
701-33	Portland Cem. Conc. Abuts. & Ret. Walls	8282	Cu.Yds.
701-35	Portland Cement Concrete, Piers	12382	Cu.Yds.
701-36	Portland Cem. Conc., Piers (Placed Under Water)	13114	Cu.Yds.
701-40	Portland Cem. Conc. - Roadway and Sidewalk Slabs on Steel Bridges	10461	Cu.Yds.
701-47	Portland Cement	6169	Bbbls.
701-54	Portland Cement for Riprap Grout	14	Bbbls.
702-103	Str. Steel Fabricated and Delivered	701792	Lbs.
702-104	Str. Steel, Erection	701792	Lbs.
702-109	Str. Steel, Field Painting	701792	Lbs.
703-9	Bronze or Copper Alloy Bearing and Expansion Plates, Delivered	1207	Lbs.
703-10	Bronze or Copper Alloy Bearing and Expansion Plates, Placing	1207	Lbs.
705-13	Reinforcing Steel, Delivered	320203	Lbs.
705-14	Reinforcing Steel, Placing	320203	Lbs.
708-16	Steel H-Beam Piles 42lbs/ft	9032.3	Lin.Ft.
803-7	Cofferdams for Piers - Souadabscook Stream Bridge - West	Lump Sum	L.S.
803-8	Cofferdams for Piers - Souadabscook Stream Bridge - Center	Lump Sum	L.S.
803-9	Cofferdams for Pier No. 1 - Souadabscook Stream Bridge - SBEast	Lump Sum	L.S.
803-10	Cofferdams for Pier No. 2 - Souadabscook Stream Bridge - SBEast	Lump Sum	L.S.
803-11	Cofferdams for Pier No. 1 - Souadabscook Stream Bridge - NBEast	Lump Sum	L.S.
803-12	Cofferdams for Pier No. 2 - Souadabscook Stream Bridge - NBEast	Lump Sum	L.S.
806-7	Aluminum Rail	13734	Lin.Ft.
905-25	Guard Rail - Type "C"	1057	Lin.Ft.
905-32	Anchor for Type "C" Guard Rail	6	Each
905-35	Guard Posts - Type "A"	0	Each
906-18	Fencing - Metal Posts	9055	Lin.Ft.
907-8	Stone Fill	29572	Cu.Yds.
907-9	Plain Riprap	29426	Cu.Yds.
907-10	Hand Laid Riprap	26969	Cu.Yds.
908-8	Loam Excavation	13469	Cu.Yds.
908-9	Loam Borrow	262	Cu.Yds.
909-7	Sodding	214	Sq.Yds.
909-9	Jute Matting - Weave "H"	6914	Sq.Yds.
910-15	Seeding - Method No. 2	2593.4	Units
912-7	Hay Mulch	133.145	Tons
913-7	Asphalt Mulch Binder	4662	Gals.
915-6	Right of Way Monuments	24	Each
915-8	Survey Markers	25	Each
916-6	Underdrain Outlet Markers	2	Each
929-11	Portable Barricades Removed and Reset	2	Each
937-1	Settlement Platforms	5	Each
202-5	Removing Trees (9"-24") (Stumps Not Removed)	1	Each
203-12	Muck Excavation (Re-loaded)	5992	Cu.Yds.
602-12	18-Inch Asphalt Coated Corr. Metal Pipe (Collars)	4	Lin.Ft.
602-14	24-Inch Asphalt Coated Corr. Metal Pipe (Collars)	72	Lin.Ft.
602-19	54-Inch Asphalt Coated Corr. Metal Pipe (Collars)	10	Lin.Ft.
603-12	18-Inch Reinforced Concrete Pipe - Class III (Connectors)	4	Lin.Ft.
603-13	24-Inch Reinforced Concrete Pipe - Class III (Connectors)	52	Lin.Ft.
603-22	24-Inch Reinforced Concrete Pipe - Class IV (Connectors)	16	Lin.Ft.
708-16	Steel H-Beam Piles 42 lbs/ft. (Cut-off's)	1342.6	Lbs.
EW0-3	Bridge Waterproofing	Lump Sum	L.S.
EW0-8	Removing Blowdowns	Lump Sum	L.S.

SUMMARY OF EARTH EXCAVATION AND BORROW QUANTITIES

EARTH EXCAVATION FOR ESTIMATE

Earth Excavation (From Cross Sections)	38,406 C.Y.
Earth From Drives	400 C.Y.
Grubbing in Fill Sections	5,222 C.Y.
Top 2' Muck Excavation	35,759 C.Y.
(1) Total Earth Excavation	79,787 C.Y.

FILL FOR COMMON BORROW CALCULATION

Common Fill (From Cross Sections)	440,493 C.Y.
Loam Excavation (Fill Areas)	14,156 C.Y.
Grubbing (Fill Areas)	5,222 C.Y.
(2) Total Fill	459,871 C.Y.

AVAILABLE EARTH EXCAVATION FOR COMMON BORROW CALCULATIONS

(1) Total Earth Excavation	79,787 C.Y.
Deductions:	
Grubbing in Cut Areas	2,166 C.Y.
Grubbing in Fill Areas	5,222 C.Y.
Top 2' Muck Excavation	35,759 C.Y.
Loam in Cut Areas	3,235 C.Y.
Total Deductions	46,382 C.Y.
Total Available Earth Excavation	33,405 C.Y.

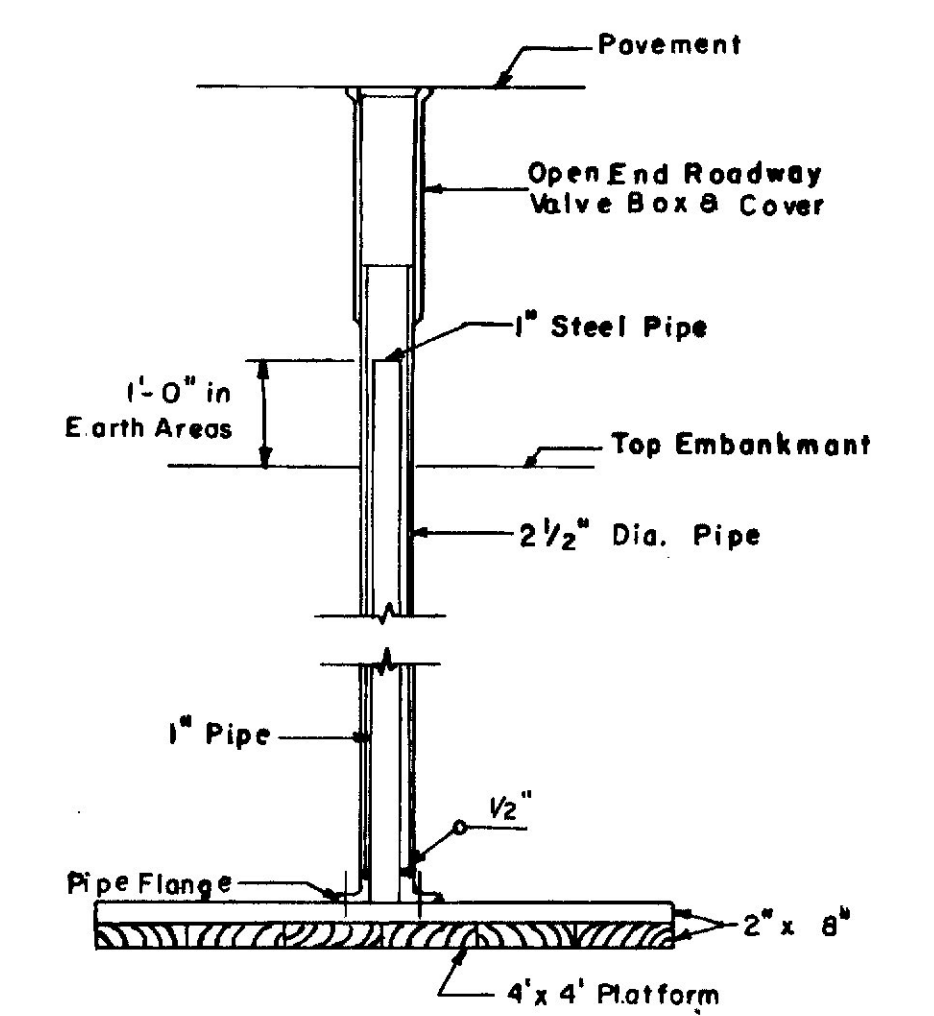
COMPUTATION OF COMMON BORROW FOR ESTIMATE

(2) Total Fill	459,871 C.Y.
Total Available Earth	33,405 C.Y. x 0.85 = 28,394 C.Y.
Total Available Earth and Ledge	28,394 C.Y.
(3) Total Fill Minus Total Available Earth and Ledge	431,477 C.Y.
Deduct 10% Common Borrow (see below)	43,147 C.Y.
Common Borrow = (3)	388,330 C.Y. x 1.15 = 446,580 C.Y.

SUMMARY OF GRANULAR BORROW

GRANULAR BORROW

Granular Borrow (From Cross Sections)	240,573 C.Y.
Granular Borrow Subbase	68,087 C.Y.
10% Common Borrow	43,147 C.Y.
Sub-Total	351,808 C.Y.
Total Granular Borrow	351,808 C.Y. x 1.15 = 404,579 C.Y.



SETTLEMENT PLATFORM

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(14)	49	145

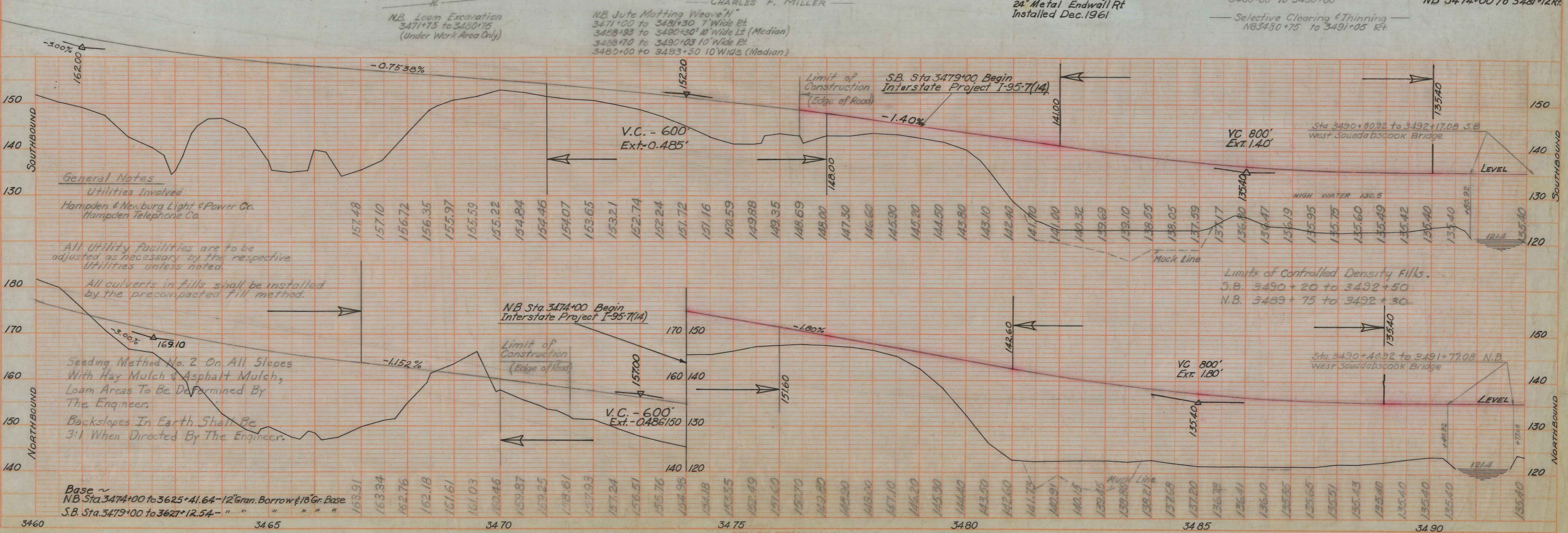
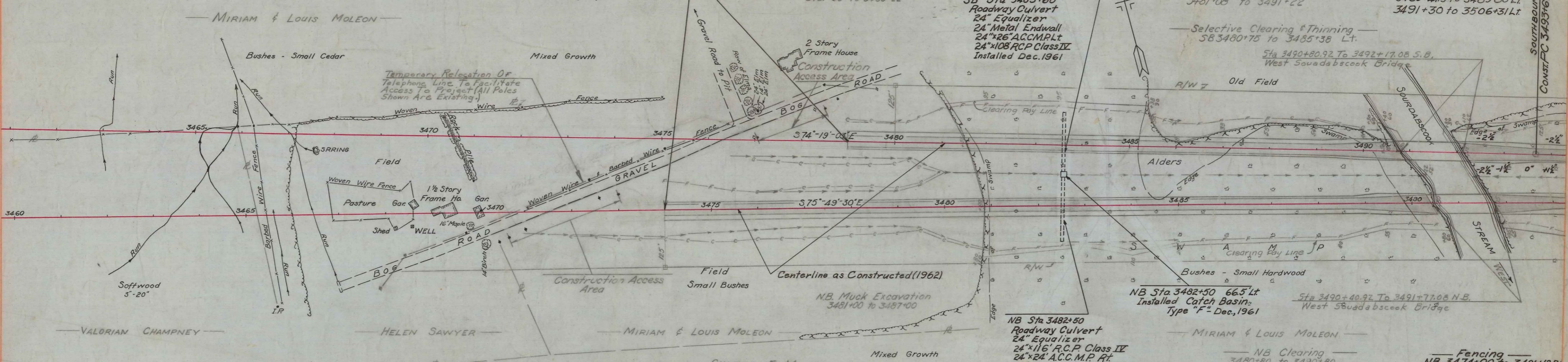
NB Sta 3474+00 & S.B. Sta 3479+00
Begin Interstate Project
I-95-7 (14)

S.B. Loam Excavation
3476+50 to 3481+50
(Under work area only)

S.B. Muck Excavation
3481+50 to 3485+22

S.B. Jute Matting, Weave "H"
3489+15 to 3490+10 Lt. 10' Wide

Fencing
SB 3479+915 to 3481+50 Lt.
3485+41.5 to 3489+80 Lt.
3491+30 to 3506+31 Lt.



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PLANNING
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General Notes
Utilities Involved
Hamden & Newburg Light & Power Co.
Hamden Telephone Co.

All utility facilities are to be adjusted as necessary by the respective utilities unless noted.

All culverts in fills shall be installed by the precompacted fill method.

Seeding Method No. 2 On All Slopes With Hay Mulch & Asphalt Mulch, Loam Areas To Be Determined By The Engineer.

Backslopes In Earth Shall Be 3:1 When Directed By The Engineer.

Limits of Controlled Density Fills.
S.B. 3490+20 to 3492+50
N.B. 3489+75 to 3492+30

Base ~
NB Sta 3474+00 to 3625+41.64 - 12" Gran. Borrow & 18" Gr. Base
S.B. Sta 3479+00 to 3621+12.54 - " " " " " "

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(14)	60	145

Fencing
SB 3491+30 to 3506+31 Lt.

SB Jute Matting Weave "H"
3492+52 to 3493+72 Lt. 10' Wide
3508+90 to 3510+00 Rt. 7' Wide
3509+10 to 3510+50 Lt. 7' Wide
3515+40 to 3517+00 Lt. 10' Wide
3519+14 to 3520+30 Lt. 17' Wide

SOUTHBOUND
CONST. CURVE DATA
Sta. P.I. = 3511+53.69
 $\Delta = 29^{\circ}09'02''$ Lt.
D = 0°-50'
T = 1767.765'
L = 3498.066'
R = 6875.496'
E = 228.617'

SOUTHBOUND
CURVE DATA
Sta. P.I. = 3512+97.99
 $\Delta = 29^{\circ}15'13''$ Lt.
D = 1°-12'
T = 1246.08'
L = 2437.80'
R = 4774.65'

NORTHBOUND
CURVE DATA
Sta. P.I. = 3511+93.93
 $\Delta = 27^{\circ}08'03''$ Lt.
D = 1°-00'
T = 1382.64'
L = 2713.42'
R = 5729.58'
E = 164.417'

Clearing
SB 3491+60 to 3499+50
3507+40 to 3517+00
3518+05 to 3538+65

Selective Clearing & Thinning
SB 3492+40 to 3497+00 Lt.
3506+08 to 3517+35 Lt.
3518+28 to 3535+80 Lt.

SB Sta. 3496+07
Roadway Culvert
24" Equalizer
24"x24" ACC.M.P. Lt.
24"x88" R.C.P. Class II
Installed May 1962

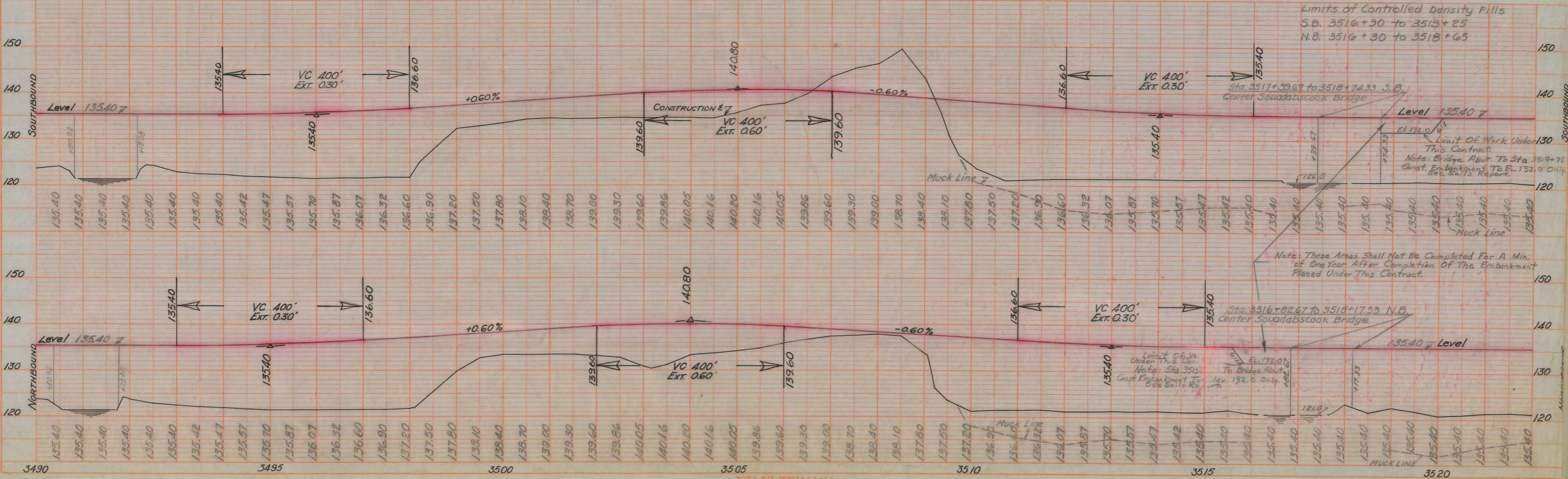
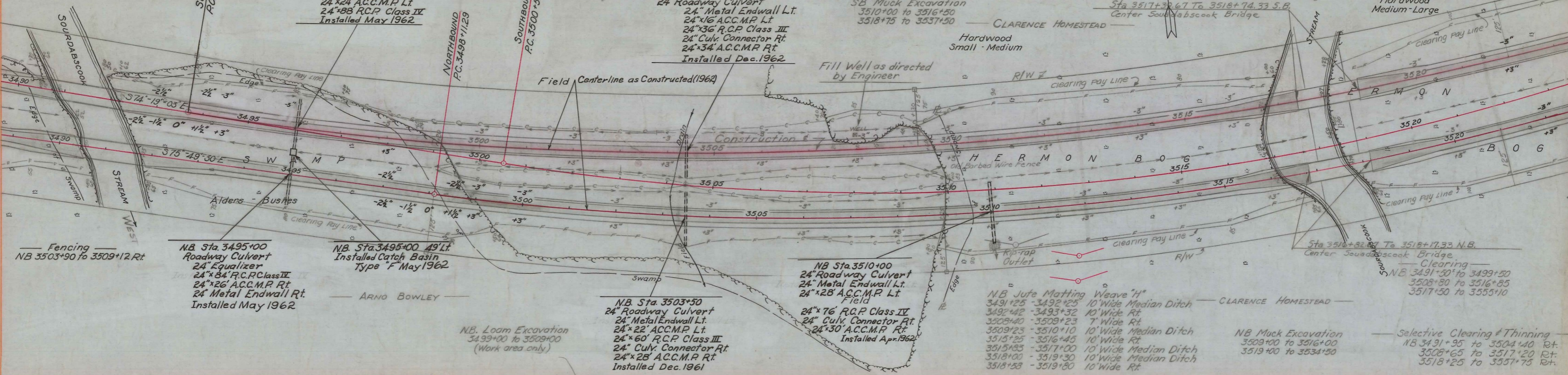
SB. Loom Excavation
3499+50 to 3509+50
(Work area only)

SB Sta. 3504+40
24" Roadway Culvert
24" Metal Endwall Lt.
24"x16" ACC.M.P. Lt.
24"x36" R.C.P. Class III
24" Culv. Connector Rt.
24"x34" ACC.M.P. Rt.
Installed Dec. 1962

SB Muck Excavation
3510+00 to 3516+50
3518+75 to 3537+50

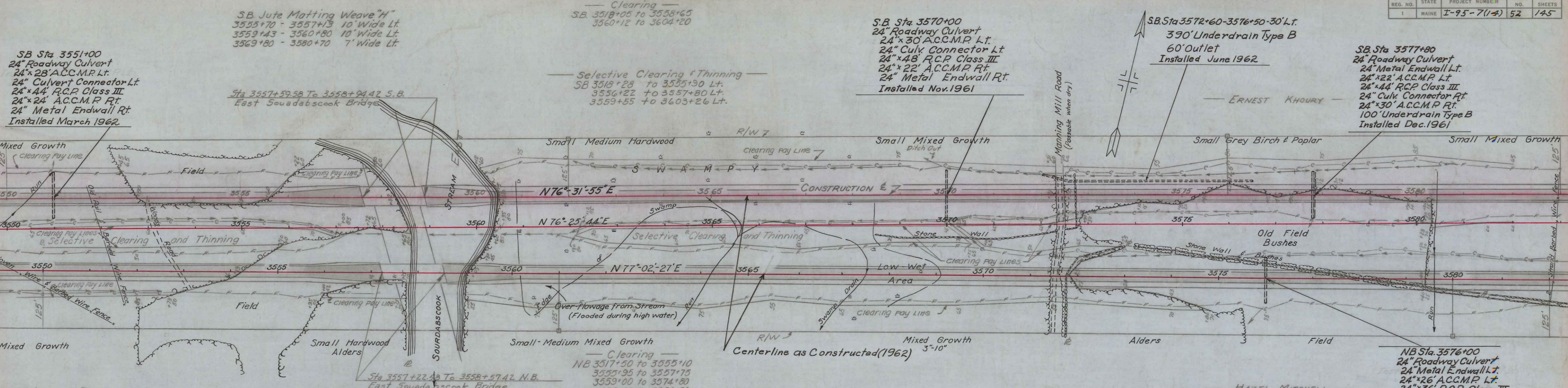
Sta 3517+39.67 To 3518+74.33 S.B.
Center Souadabscook Bridge

Hardwood
Medium-Large



PLAN
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BY: _____
CHECKED: _____
DATE: _____
NOTE BOOK: _____
NO. _____
REVISIONS:
1. _____
2. _____
3. _____

PROFILE
DATE: _____
BY: _____
CHECKED: _____
DATE: _____
NOTE BOOK: _____
NO. _____
REVISIONS:
1. _____
2. _____
3. _____



SB Jute Matting Weave "H"
 3555+70 - 3557+73 10' Wide Lt.
 3559+43 - 3560+80 10' Wide Lt.
 3569+80 - 3580+70 7' Wide Lt.

Clearing
 S.B. 3518+05 to 3558+65
 3560+12 to 3604+20

Selective Clearing & Thinning
 SB 3518+28 to 3555+90 Lt.
 3556+22 to 3557+80 Lt.
 3559+55 to 3603+26 Lt.

SB Sta 3570+00
 24" Roadway Culvert
 24"x30' A.C.C.M.P. Lt.
 24" Cully Connector Lt.
 24"x48' R.C.P. Class III
 24"x22' A.C.C.M.P. Rt.
 24" Metal Endwall Rt.
 Installed Nov. 1961

SB Sta 3572+60-3576+50-30' Lt.
 390' Underdrain Type B
 60' Outlet
 Installed June 1962

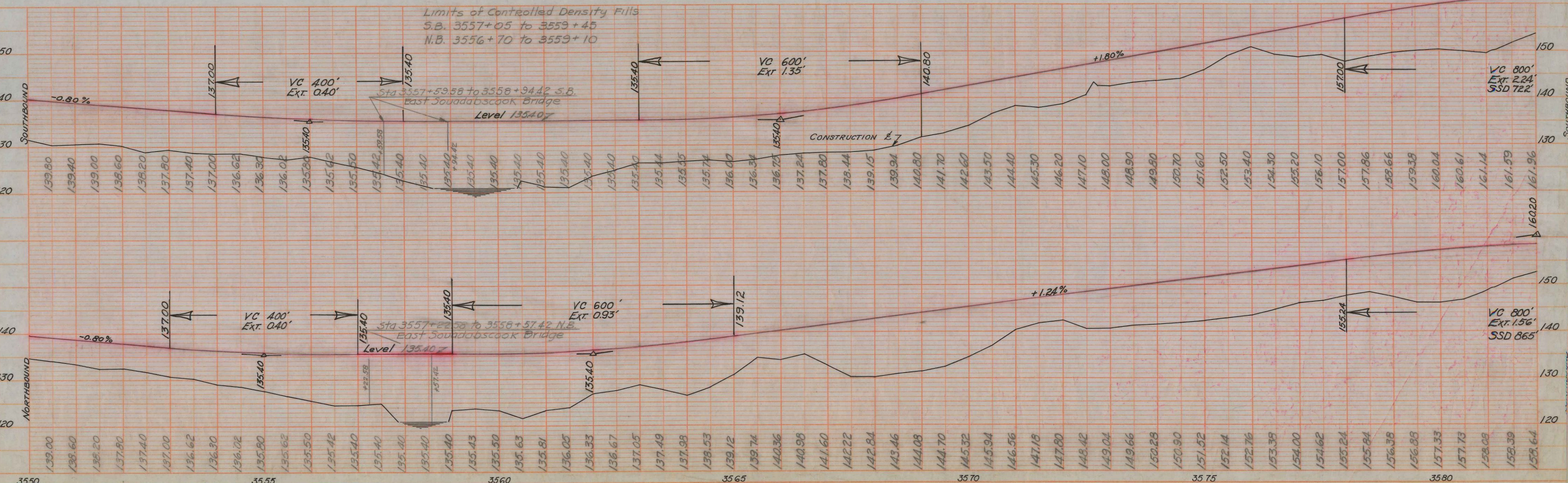
SB Sta 3577+80
 24" Roadway Culvert
 24" Metal Endwall Lt.
 24"x22' A.C.C.M.P. Lt.
 24"x44' R.C.P. Class III
 24" Cully Connector Rt.
 24"x30' A.C.C.M.P. Rt.
 100' Underdrain Type B
 Installed Dec. 1961

NB Jute Matting Weave "H"
 3555+70 - 3556+75 10' Wide Rt.
 3556+22 - 3557+20 10' Wide Median Ditch
 3558+20 - 3560+30 10' Wide Median Ditch
 3559+06 - 3560+30 10' Wide Rt.

Clearing
 NB 3517+50 to 3555+10
 3555+95 to 3557+75
 3559+00 to 3574+80
 3579+40 to 3604+30

Selective Clearing & Thinning
 NB 3518+25 to 3552+73 Rt.
 3555+95 to 3557+75 Rt.
 3557+80 to 3556+20 Median
 3558+95 to 3575+60 Rt.
 3561+30 to 3573+00 Median

N.B. Loom Excavation
 3574+00 to 3577+50
 (Work area only)



CURVE DATA SOUTHBOUND
 STA. P.I. = 3601+67.09
 $\Delta = 9^{\circ}37'16''$ Lt.
 $D = 0^{\circ}30'$
 $T = 964.38'$
 $L = 1924.22'$
 $R = 11459.16'$

CURVE DATA SOUTHBOUND
 STA. P.I. = 3604+78.42
 $\Delta = 9^{\circ}45'27''$ Lt.
 $D = 0^{\circ}30'$
 $T = 974.76'$
 $L = 1944.83'$
 $R = 11459.16'$
 $E = 41.39'$

CURVE DATA NORTHBOUND
 STA. P.I. = 3603+88.05
 $\Delta = 10^{\circ}56'49''$ Lt.
 $D = 0^{\circ}30'$
 $T = 1098.04'$
 $L = 2189.39'$
 $R = 11459.16'$
 $E = 52.48'$

SB Sta 3609+35
 24" Roadway Culvert
 24" Metal Endwall Lt.
 24"x24" ACC.M.P. Lt.
 24"x48" R.C.P. Class III
 24" Culv. Connector Rt.
 24"x30" ACC.M.P. Rt.
 Installed Nov. 1961

NB Sta 3609+00
 24" Roadway Culvert
 24" Metal Endwall Lt.
 24"x26" ACC.M.P. Lt.
 24"x48" R.C.P. Class III
 24" Culv. Connector Rt.
 24"x30" ACC.M.P. Rt.
 Installed Nov. 1961

NB Sta 3603+00
 24" Roadway Culvert
 24" Metal Endwall Lt.
 24"x24" ACC.M.P. Lt.
 24"x60" R.C.P. Class III
 24" Culv. Connector Rt.
 24"x32" ACC.M.P. Rt.
 Installed Nov. 1961

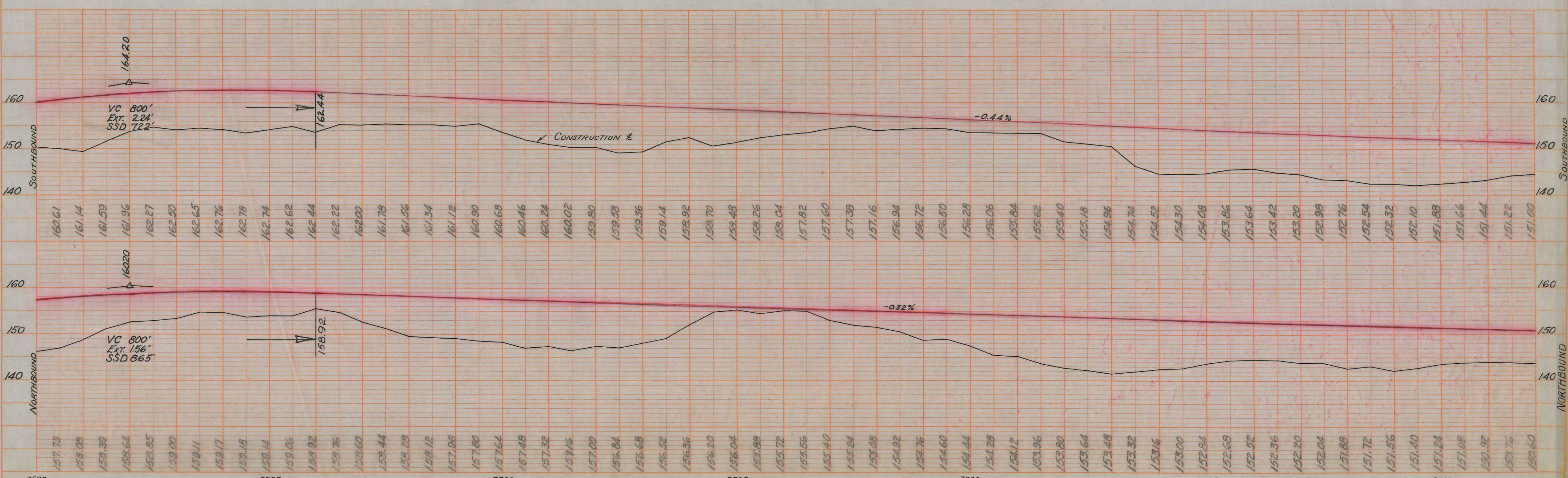
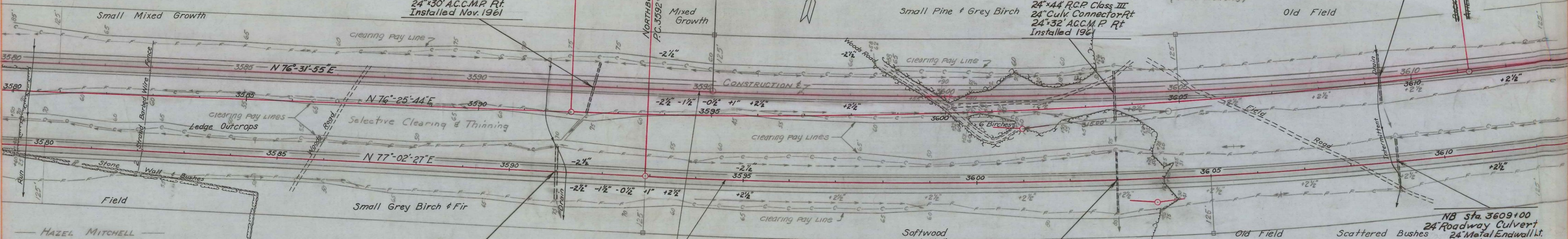
SB Sta 3592+50
 24" Roadway Culvert
 5' Skew Back 15° Rt.
 24" Metal Endwall Lt.
 24"x24" ACC.M.P. Lt.
 24"x60" R.C.P. Class III
 24" Culv. Connector Rt.
 24"x30" ACC.M.P. Rt.
 Installed Nov. 1961

NB Sta 3591+00
 24" Roadway Culvert
 24" Metal Endwall Lt.
 24"x24" ACC.M.P. Lt.
 24"x48" R.C.P. Class III
 24" Culv. Connector Rt.
 24"x32" ACC.M.P. Rt.
 Installed Nov. 1961

Clearing NB 3579+40 to 3604+30
 Fencing NB 3575+07 to 3584+56 Rt.
 3603+20 to 3624+53 Rt.
 Selective Clearing & Thinning NB 3579+50 to 3603+55 Rt.
 3579+50 to 3603+90 Median

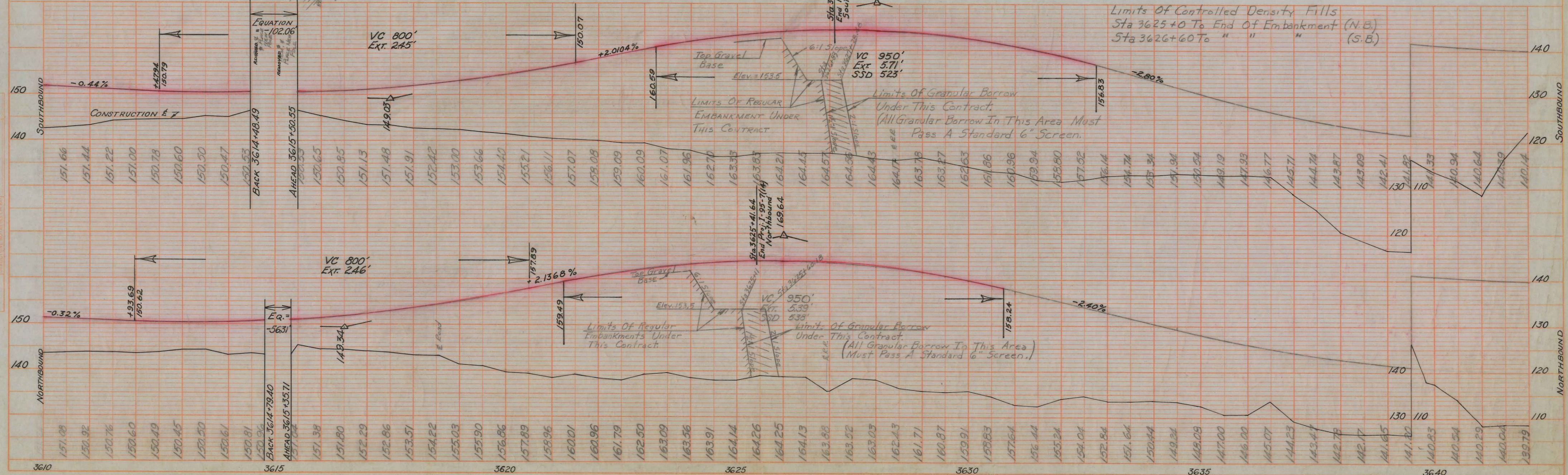
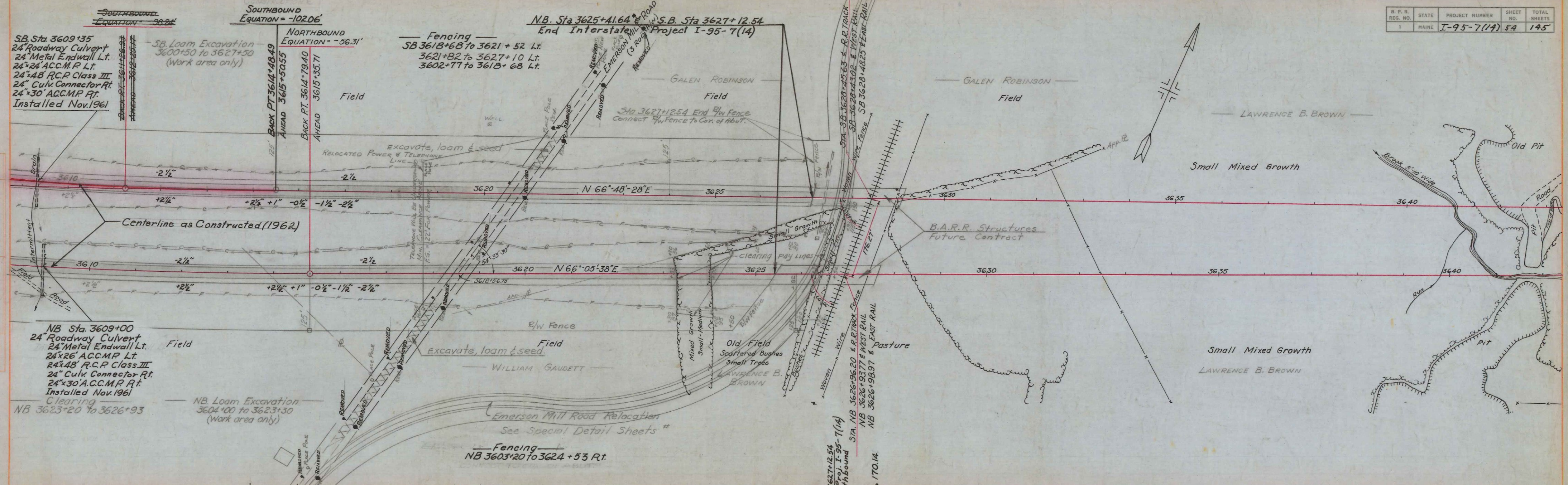
Clearing S.B. 3560+12 to 3604+20
 Fencing SB 3602+77 to 3618+68 Lt.

Selective Clearing & Thinning SB 3559+55 to 3603+26 Lt.



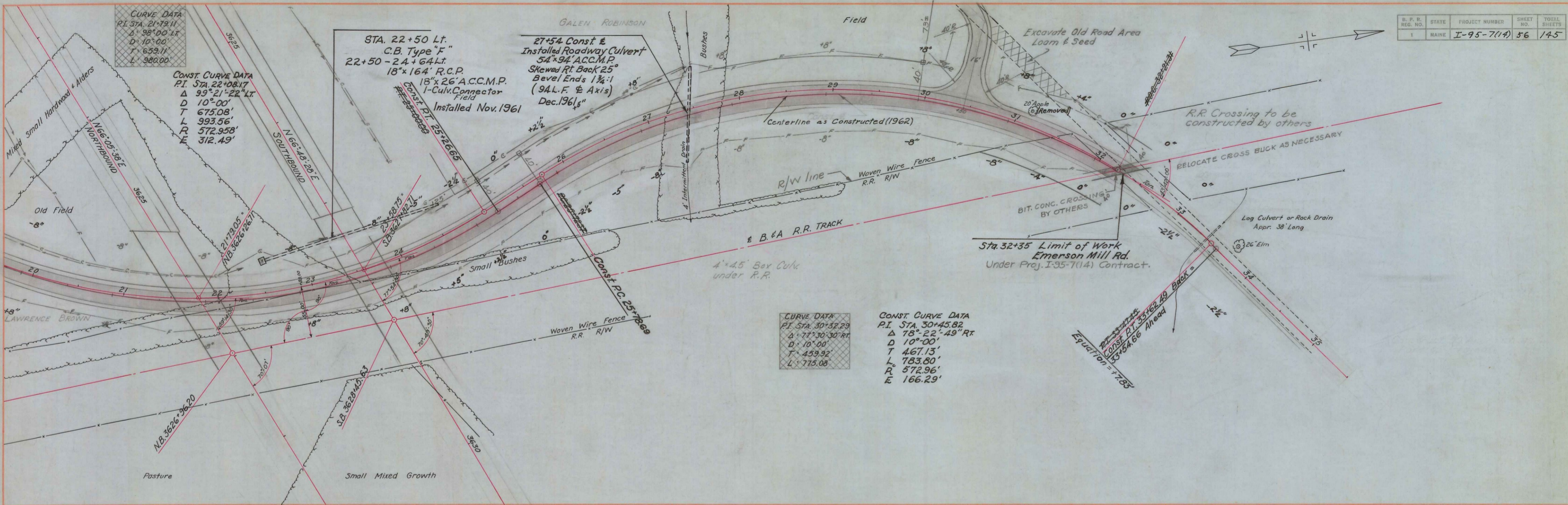
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FINAL SURVEY NOTE BOOK NO. 1000

BY: [Signature]

DATE: [Blank]

REVISIONS: [Blank]

APPROVED: [Signature]

DATE: [Blank]

ORIGINAL SURVEY NOTE BOOK NO. 1000

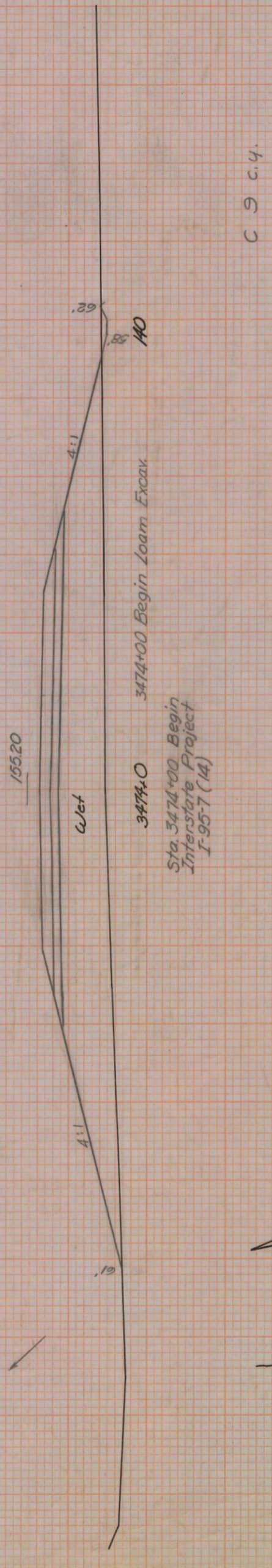
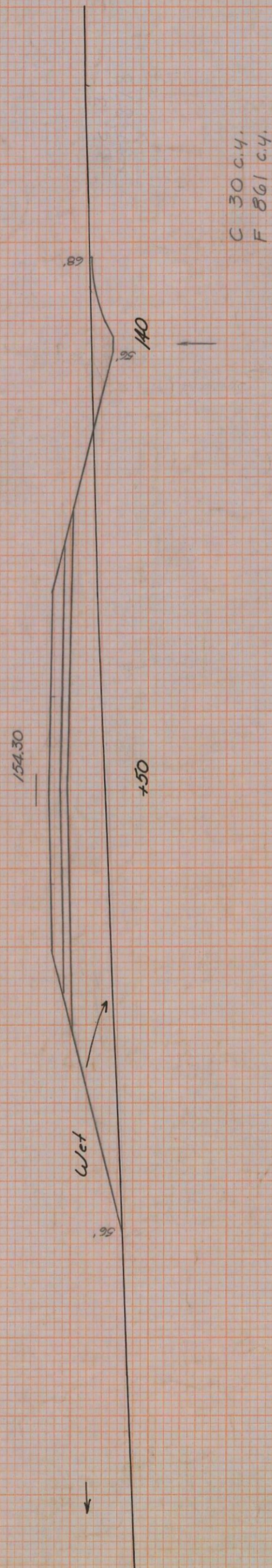
BY: Golden & Greenlee 7-61

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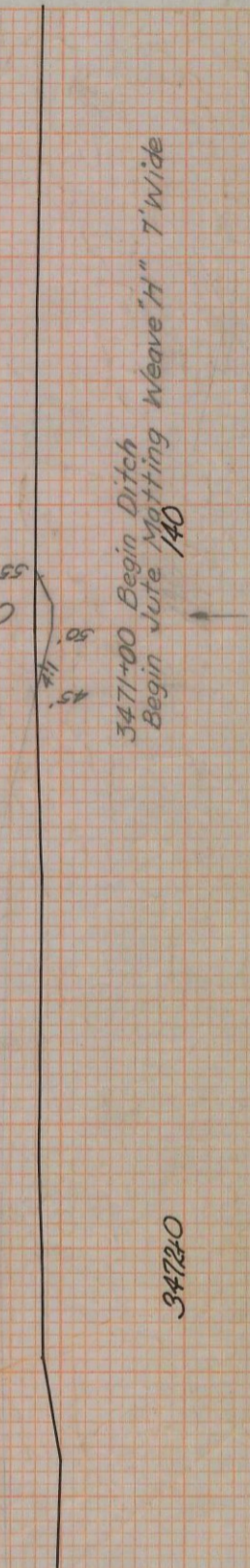
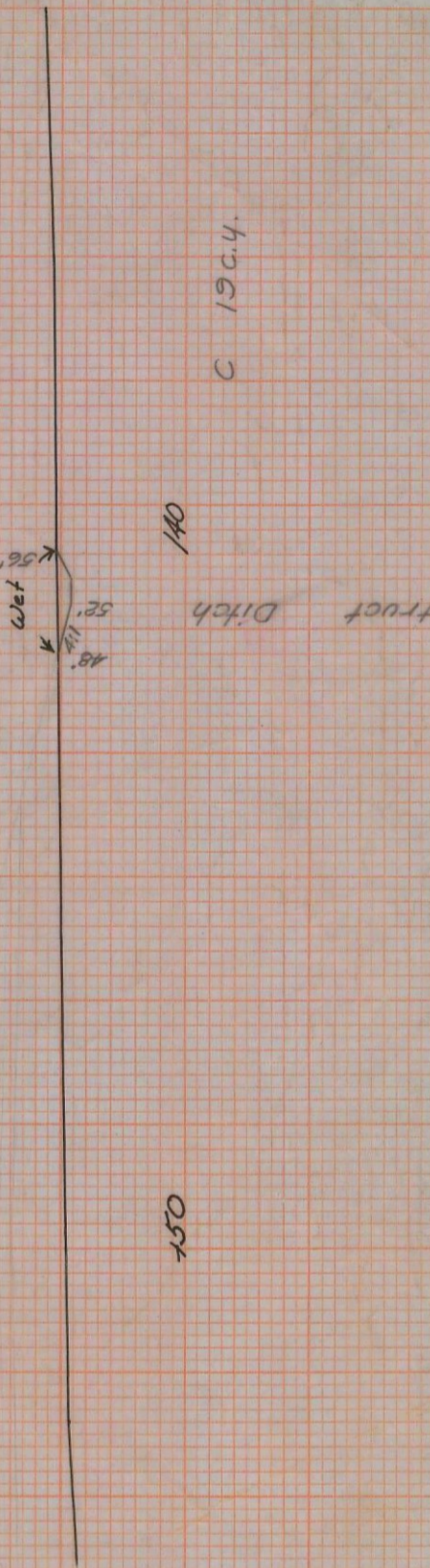
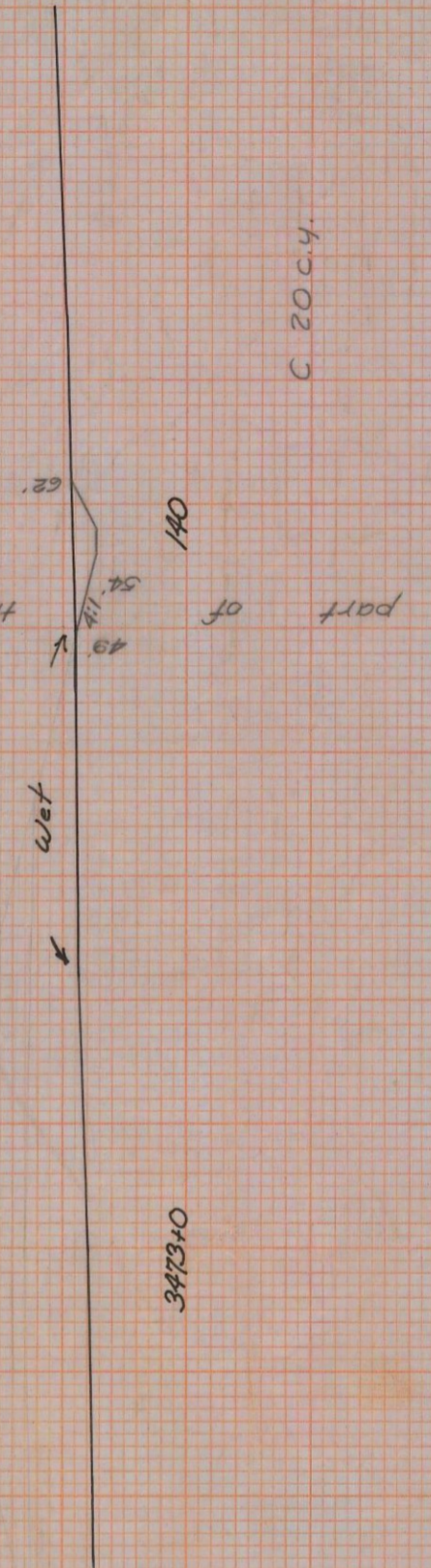
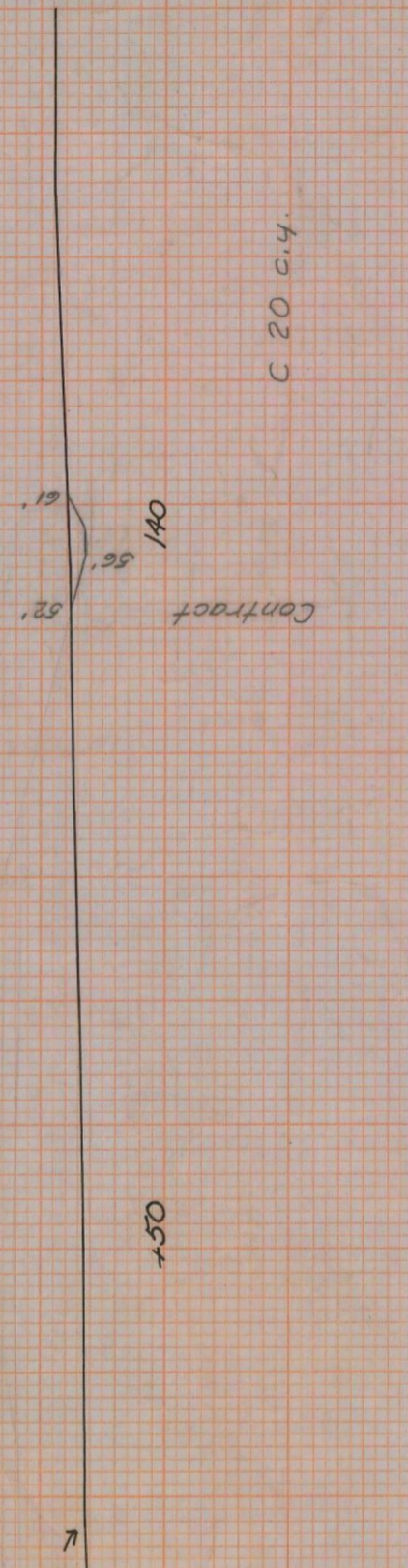
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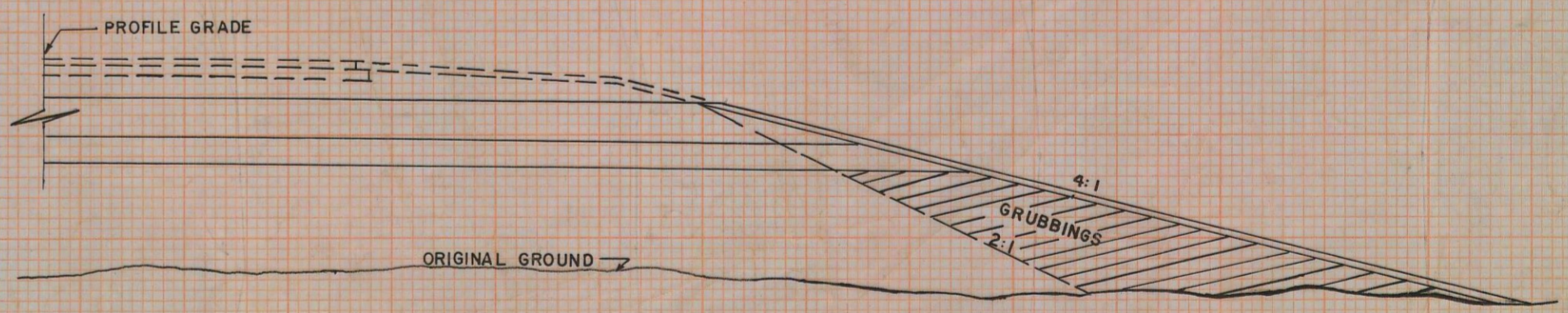
3474+00 Begin Loam Excav.

Sta. 3474+00 Begin Interstate Project I-95-7(1A)



3471+00 Begin Ditch

Begin Jute Matting Weave "H" 7' Wide



TYPICAL SECTION SHOWING DISPOSAL OF GRUBBING BETWEEN 2:1 & 4:1 SLOPE

N.B.