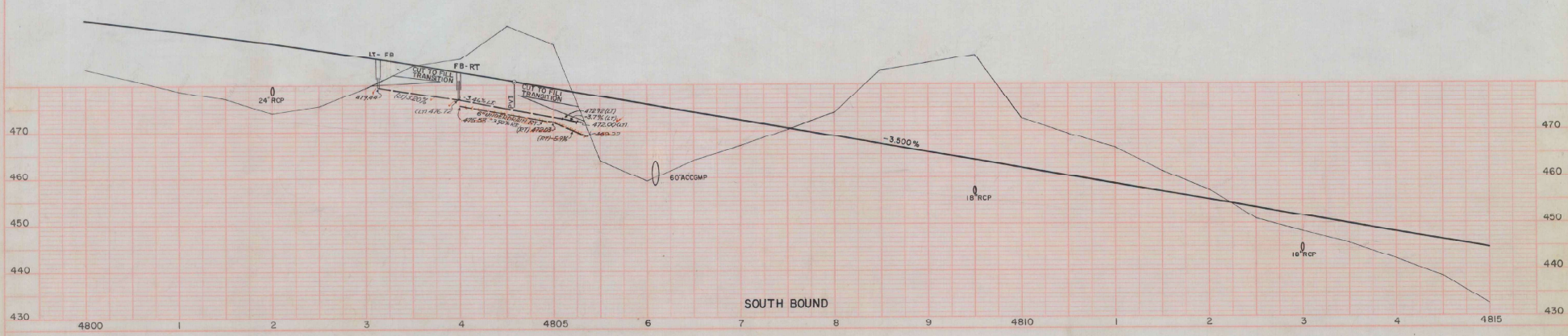


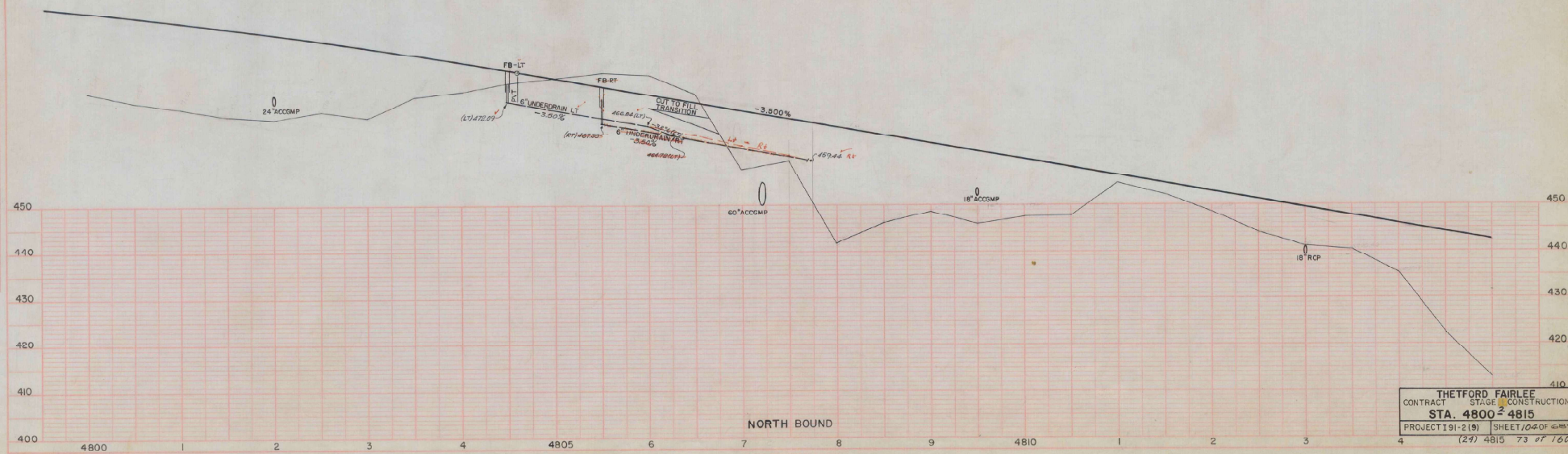
# EARTHWORK SHEET

GRADES		CORR V. C.	DIST.	TOTAL EXCAVATION EARTH AND ROCK		ROCK		EMBANKMENT		BASE		V.C. % GRADE
ELEVATION ON TANGENT	ON V. CURVES			AREA	CU YDS	AREA	CU YDS	AREA	CU YDS	AREA	CU YDS	
491.28	489.16	1.82										
489.53	488.18	1.35	50		2658		4949					
487.78	486.83	0.95	"		2695		5000					
486.03	485.11	0.62	"	0	2100		4458					
484.28	483.92	0.36	"	23	1550		3380	C	6594	0		
482.53	482.36	0.17	"	25	355		2069	R	30792			
480.78	480.73	0.05	"	358	1142		885	F	EX.F. 31896			
479.03	479.03	0.00	"	875	2458		291					
479.68	479.68	0.00	50		2616		94					
477.28			"	1045			10					
475.53			"	365	1306		691					
473.78			"	435	741	0	880					
472.03			"	790	1134	88	1528					
470.28			"	688	1869	95	444					
468.53			"	870	1143	385	1030	C	21094			
466.78			"	1012	1743	879	1912	R	13859			
465.03			"	1873	2671	564	1035	F	17351			
463.28			"	2033	3617	1264	2357	EX.C.	9799			
461.53			"	2239	3956	801	1510					
459.78			"	1124	2173	2671	2810					
458.03			"	1223	1229	1566	1525					
456.28			"	1076	1776	3181	1690					
454.53			"	644	1095	3181	624					
452.78			"	475	1221	1895	975					
451.03			"	115	3114	2326	1503					
449.28			"	72	1223	617	962					
447.53			"	32	1076	754	890					
445.78			"	21	1229	1450	690					
444.03			"	28	1076	790	181					
442.28			"	0	1776	1254	165					
440.53	440.58	0.05	"	0	644	564	19					
438.78	438.01	0.23	"	6	1221	733	60					
437.03	437.58	0.65	"	92	475	228	80					
435.28	436.80	1.02	"	0	115	65	271	C	8236			
433.53	435.15	1.62	"	0	72	26	354	R	5066			
431.78	431.15	2.37	"	0	32	0	828	F	13927			
430.03	433.26	3.25	"	0	96	26	24	EX.F.	5373			
428.28	432.56	4.28	"	0	32	96	24					
427.03	432.43	4.80	"	0	96	0	480					
426.03	431.58	3.65	"	0	21	45	890					
424.03	431.63	2.70	"	0	28	26	2610					
422.03	431.23	1.90	"	0	0	0	3300					
420.03	430.23	1.00	50		0	0	6311					
418.03	429.23	0.50	"		0	0	3515					
416.03	428.23	0.50	"		0	0	3375					
414.03	427.23	0.50	"		0	0	7036					
412.03	426.23	0.50	"		0	0	6156					
410.03	425.23	0.50	"		0	0	5520					
408.03	424.23	0.50	"		0	0	9592					
406.03	423.23	0.50	"		0	0	10619					
404.03	422.23	0.50	"		0	0	5965					
402.03	421.23	0.50	"		0	0	5960					
400.03	420.23	0.50	"		0	0	8898					
398.03	419.23	0.50	"		0	0	2730					
396.03	418.23	0.50	"		0	0	5352					
394.03	417.23	0.50	"		0	0	2050					
392.03	416.23	0.50	"		0	0	3917					
390.03	415.23	0.50	"		0	0	2160					
388.03	414.23	0.50	"		0	0	1910					
386.03	413.23	0.50	"		0	0	3727					
384.03	412.23	0.50	"		0	0	1702					
382.03	411.23	0.50	"		0	0						
380.03	410.23	0.50	"		0	0						
378.03	409.23	0.50	"		0	0						
376.03	408.23	0.50	"		0	0						
374.03	407.23	0.50	"		0	0						
372.03	406.23	0.50	"		0	0						
370.03	405.23	0.50	"		0	0						
368.03	404.23	0.50	"		0	0						
366.03	403.23	0.50	"		0	0						
364.03	402.23	0.50	"		0	0						
362.03	401.23	0.50	"		0	0						
360.03	400.23	0.50	"		0	0						
358.03	399.23	0.50	"		0	0						
356.03	398.23	0.50	"		0	0						
354.03	397.23	0.50	"		0	0						
352.03	396.23	0.50	"		0	0						
350.03	395.23	0.50	"		0	0						
348.03	394.23	0.50	"		0	0						
346.03	393.23	0.50	"		0	0						
344.03	392.23	0.50	"		0	0						
342.03	391.23	0.50	"		0	0						
340.03	390.23	0.50	"		0	0						
338.03	389.23	0.50	"		0	0						
336.03	388.23	0.50	"		0	0						
334.03	387.23	0.50	"		0	0						
332.03	386.23	0.50	"		0	0						
330.03	385.23	0.50	"		0	0						
328.03	384.23	0.50	"		0	0						
326.03	383.23	0.50	"		0	0						
324.03	382.23	0.50	"		0	0						
322.03	381.23	0.50	"		0	0						
320.03	380.23	0.50	"		0	0						
318.03	379.23	0.50	"		0	0						
316.03	378.23	0.50	"		0	0						
314.03	377.23	0.50	"		0	0						
312.03	376.23	0.50	"		0	0						
310.03	375.23	0.50	"		0	0						
308.03	374.23	0.50	"		0	0						
306.03	373.23	0.50	"		0	0						
304.03	372.23	0.50	"		0	0						
302.03	371.23	0.50	"		0	0						
300.03	370.23	0.50	"		0	0						
298.03	369.23	0.50	"		0	0						
296.03	368.23	0.50	"		0	0						
294.03	367.23	0.50	"		0	0						
292.03	366.23	0.50	"		0	0						
290.03	365.23	0.50	"		0	0						
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286.03	363.23	0.50	"		0	0						
284.03	362.23	0.50	"		0	0						
282.03	361.23	0.50	"		0	0						
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278.03	359.23	0.50	"		0	0						
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274.03	357.23	0.50	"		0	0						
272.03	356.23	0.50	"		0	0						
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268.03	354.23	0.50	"		0	0						
266.03	353.23	0.50	"		0	0						
264.03	352.23	0.50	"		0	0						
262.03	351.23	0.50	"		0	0						
260.03	350.23	0.50	"		0	0						
258.03	349.23	0.50	"		0	0						
256.03	348.23	0.50	"		0	0						
254.03	347.23	0.50	"		0	0						
252.03	346.23	0.50	"		0	0						
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248.03	344.23	0.50	"		0	0						
246.03	343.23	0.50	"		0	0						
244.03	342.23	0.50	"		0	0						
242.03	341.23	0.50	"		0	0						
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238.03	339.23	0.50	"		0	0						
236.03	338.23	0.50	"		0	0						
234.03	337.23	0.50	"		0	0						
232.03	336.23	0.50	"		0	0						
230.03	335.23	0.50	"		0	0						
228.03	334.23	0.50	"		0	0						
226.03	333.23	0.50	"		0	0						
224.03	332.23	0.50	"		0	0						
222.03	331.23	0.50	"		0	0						
220.03	330.23	0.50	"		0	0						
218.03	329.23	0.50	"		0	0						
216.03	328.23	0.50	"		0	0						
214.03	327.23	0.50	"		0	0						
212.03	326.23	0.50	"		0	0						
210.03	325.23	0.50	"		0	0						
208.03	324.23	0.50	"		0	0						
206.03	323.23	0.50	"		0	0						

STAGE 3 FINISHED GRADES SHOWN, STAGE 2 FINISHED GRADES 0.1042 FT. (1.25 IN) BELOW  
STAGE 1 SURFHALE ELEVATION 2.57 FEET (2 FEET - 5 INCHES) BELOW STAGE 3 FINISHED GRADES.



SOUTH BOUND



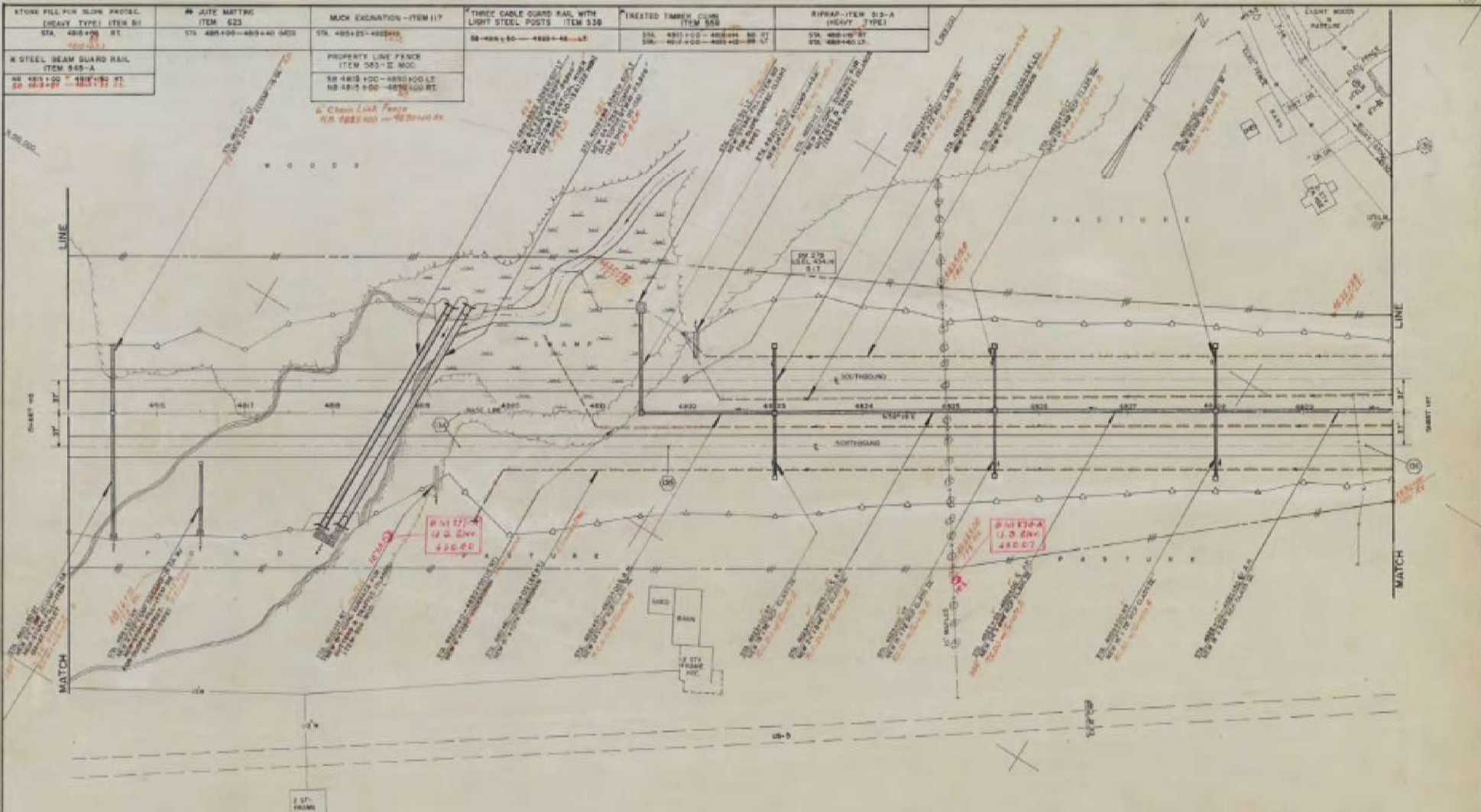
NORTH BOUND

THE FORD FAIRLEE	
CONTRACT	STAGE CONSTRUCTION
STA. 4800 ± 4815	
PROJECT 191-2 (9)	SHEET 102 OF 105
(24) 4815 73 OF 100	

STONE FILL FOR SLOPE PROTECT. (HEAVY TYPE) ITEM 511 STA. 485+70 - RT	# JUTE MATTING ITEM 623 STA. 485+00 - 489+40 (S&D)	MUCK EXCAVATION - ITEM 117 STA. 485+25 - 485+40	THREE CABLE GUARD RAIL WITH LIGHT STEEL POSTS ITEM 538 SB 485+50 - 485+45 - LB	TREATED TIMBER CURB ITEM 568 SAL 485+00 - 485+40 SB 47 S&D - NB 47+00 - 485+40 - SB 47	RIPRAP - ITEM 512-A (HEAVY TYPE) STA. 485+00 RT STA. 485+40 LT
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N STEEL BEAM GUARD RAIL ITEM 545-2 NB 485+00 - 485+40 RT SB 483+47 - 485+47 LT	PROPERTY LINE FENCE ITEM 545 - E MOD SB 485+00 - 485+40 LT NB 483+00 - 485+40 RT
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6 Chain Link Fence  
A/B 482+00 - 482+40 A/B

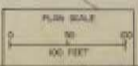


\* STAGE 2 CONSTRUCTION

THETFORD - FAIRLEE  
CONTRACT STAGE 2 CONSTRUCTION  
STA. 485+00 TO STA. 4830+00

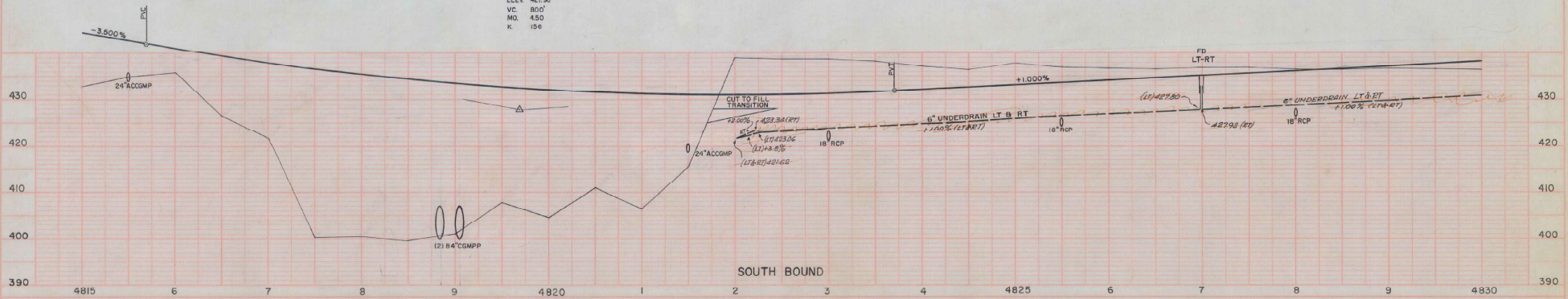
REVEL ENGINEERING INC. KINGSFORD BRICAL  
DESIGNED BY R.W. CHASEY  
DRAWN BY R.W. CHASEY  
PROJECT 1 31-2 (B) SHEET 105 OF 1450  
12/1 11/14/00

CONTROL OF ACCESS IS COMPLETE ON THIS SHEET



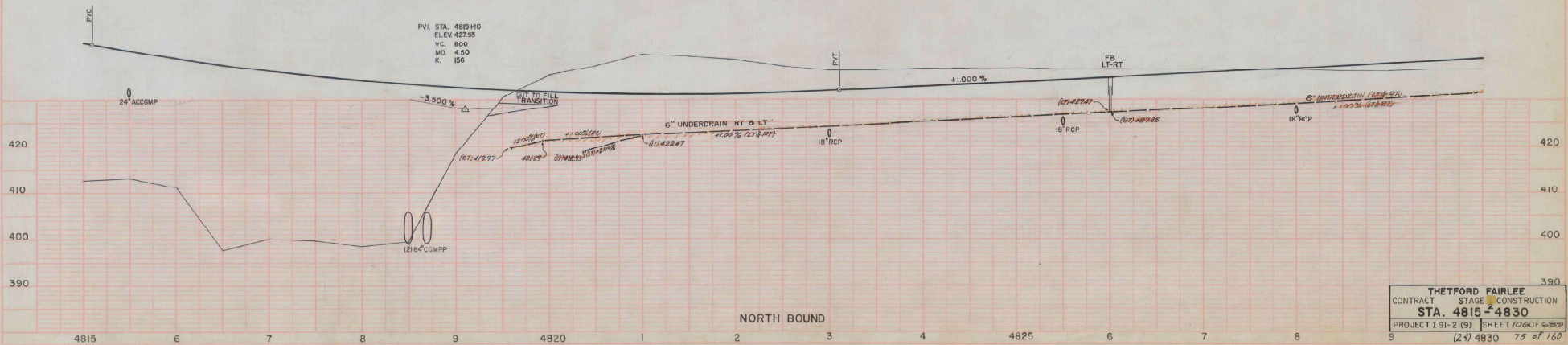
STAGE 3 FINISHED GRADES SHOWN, STAGE 2 FINISHED GRADES 0.1042 FT. (1.25 IN) BELOW  
STAGE 1 SURGRADE ELEVATION 2.67 FEET (2 FEET - 8 INCHES BELOW) STAGE 3 FINISHED GRADES.

PVI STA. 489+70  
ELEV. 427.96  
VC. 800'  
MO. 4.50  
K. 156



SOUTH BOUND

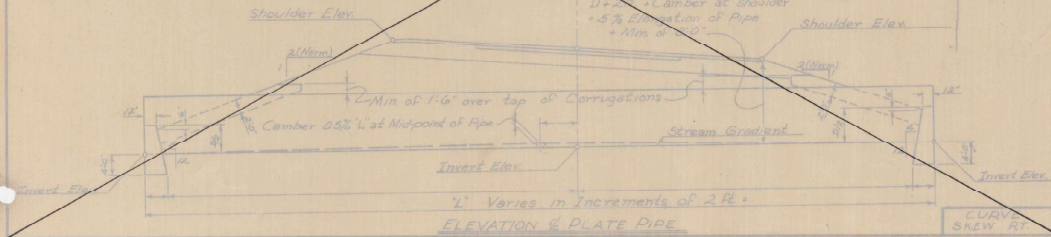
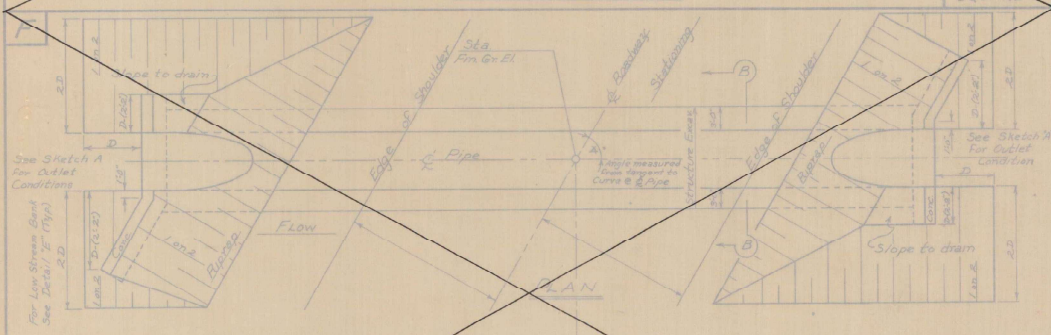
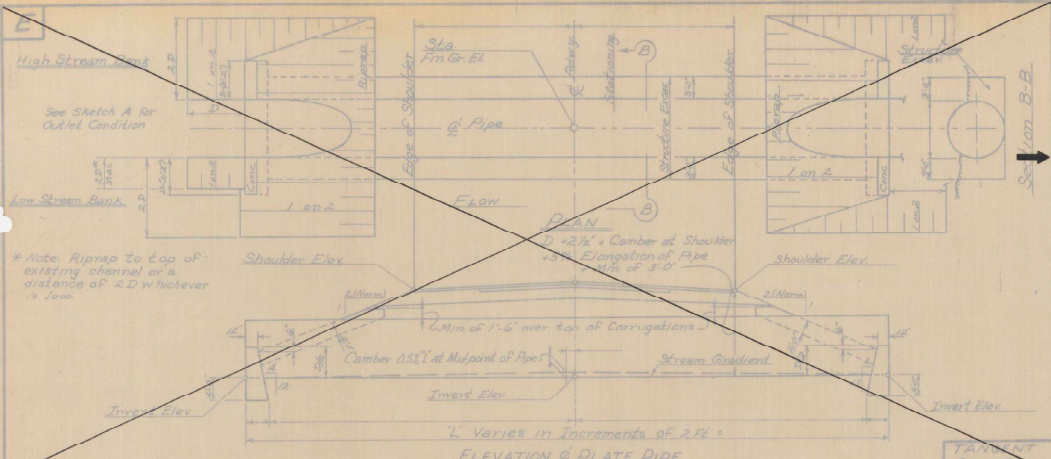
PVI STA. 4819+10  
ELEV. 427.93  
VC. 800'  
MO. 4.50  
K. 156



NORTH BOUND

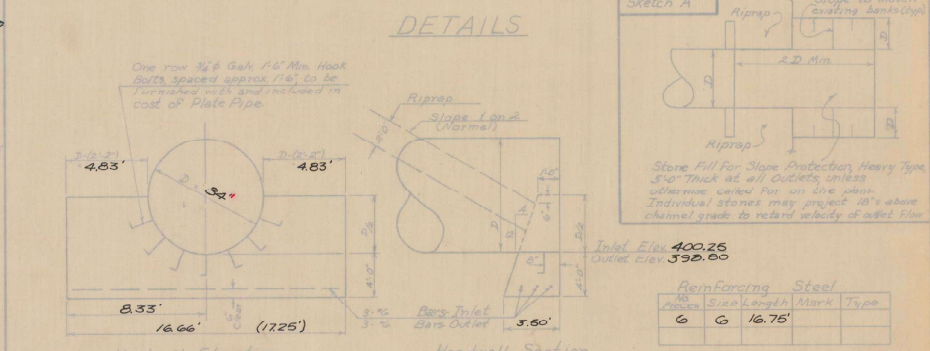
THETFORD FAIRLEE  
CONTRACT STAGE 3 CONSTRUCTION  
STA. 4815 - 4830  
PROJECT 191-2 (9) SHEET 106 OF 109  
(24) 4830 75 of 160





**WEIGHT & GAGE TABLE**

HGT OF FILL	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80
Diam Inches	60	66	72	78	84	90	96	102	108	114	120	126	132	138
Area Sq. Ft.	2.83	3.80	4.71	5.57	6.38	7.14	7.85	8.51	9.13	9.71	10.25	10.75	11.21	11.63
Weight Lbs.	10.18	13.80	17.30	20.70	24.00	27.20	30.30	33.30	36.20	39.00	41.70	44.30	46.80	49.20



**ESTIMATED QUANTITIES**

ITEM NO	DESCRIPTION	UNIT	TOTAL	FINAL
429-A	CGMPP	L.S.	1	1
401-B	CONCRETE - CLASS 'B'	C.Y.	19.4	19.4
402	REINFORCING STEEL	LBS.	151	151
618-A	RIPPRAP (HEAVY TYPE)	C.Y.	88	147
611	STONE FILL FOR SLOPE PROTECTION (HEAVY TYPE)	C.Y.	26	49
108-0	UNCLASSIFIED CHANNEL INV.	C.Y.	108	49
109	STRUCTURE EXCAVATION	C.Y.	144	261

**Revisions & Corrections:**

Drawn by: S.H.S. June 1964  
 Traced by: W.B.T. July 1964  
 Checked by: W.M.S. August 1964  
 Recommended for Approval: [Signature] 8/31/64  
 Recommended for Approval: [Signature] 9/26/64  
 Approved: [Signature] 9/26/64

**DETAILS OF ROUND PLATE PIPE**

Sheet 2 of 2 For details 'E' & 'F' Sheet 1 of 2 For details 'A', 'B', 'C', & 'D'

**USE DETAIL A FOR THIS PIPE**  
 Use Section 'B', Detail 'E', for all pipes

DIA. OF PIPE = 84"  
 O.A. LENGTH = 290'  
 TOTAL WEIGHT = 54,230 Lbs.

STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS  
 STANDARD STRUCTURES

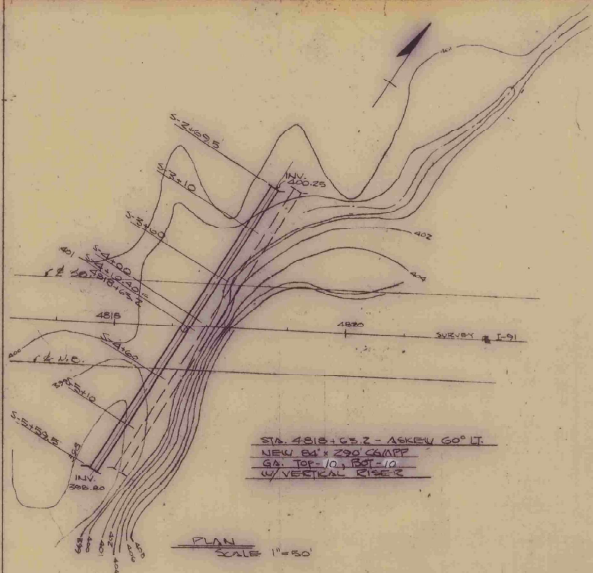
**SB-PP #2**

PROJECT: THETPORD & FAIRLEE  
 TOWN OF FAIRLEE  
 ROUTE NO. I-91 STA 2818+63.2

84" CGMPP

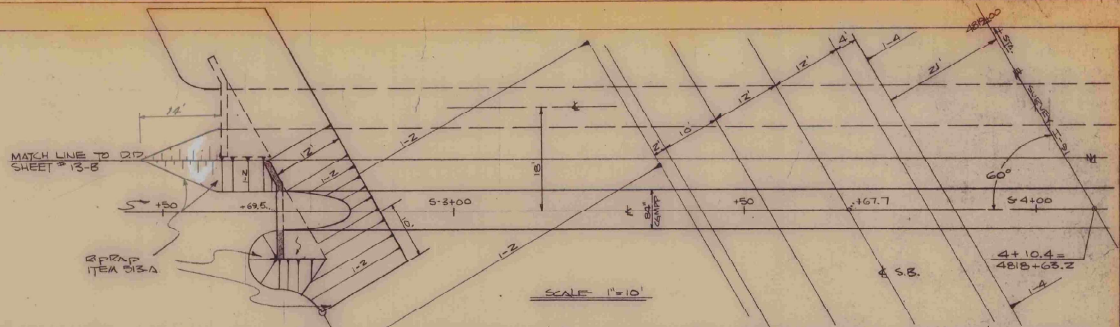
COMPLETED BY: B.L. CHECKED BY: J.H.  
 PROJECT NO. I 91-2(9)  
 SHEET 216 OF 689

PLAN  
 UNDATED  
 NORTH ARROW  
 OF THE PROJECT  
 No.

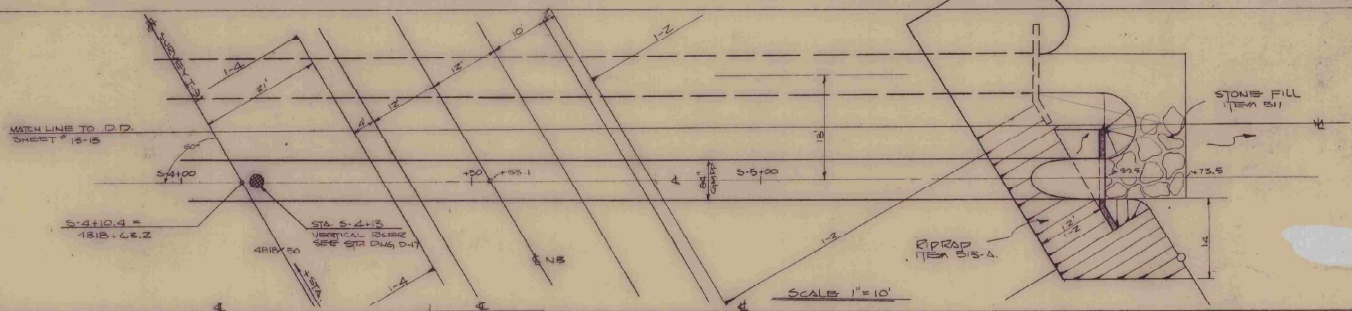


STA 4818+03.2 - ASKEY 60° IT  
 NEW 84" x 230 CMAPP  
 GA. TOP 10.3 FT 1.0  
 W/ VERTICAL RISES

PLAN  
 SCALE 1"=50'

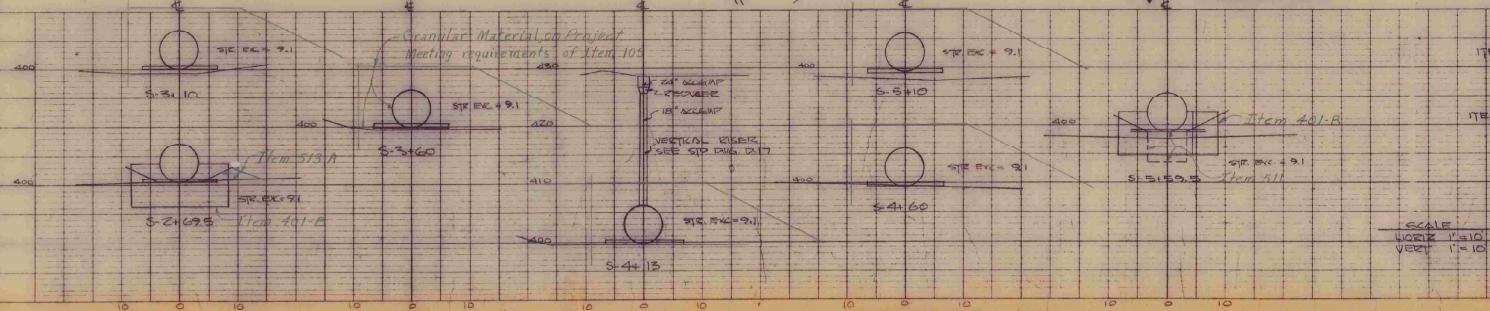


SCALE 1"=10'



SCALE 1"=10'

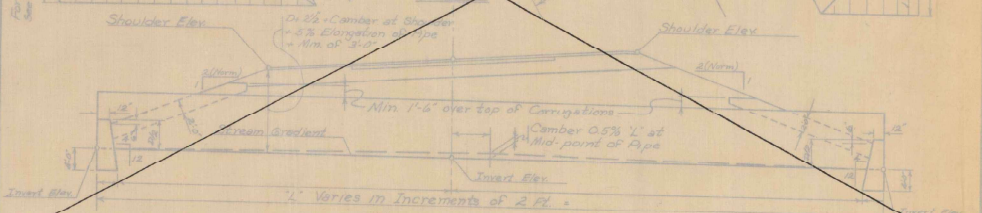
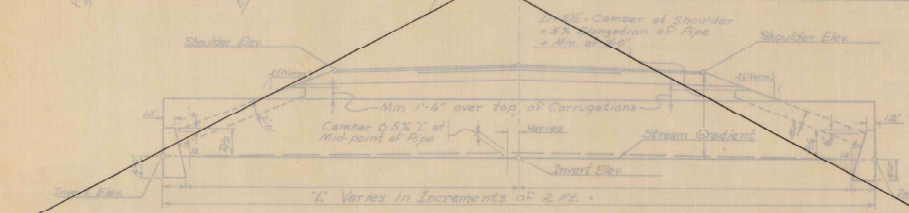
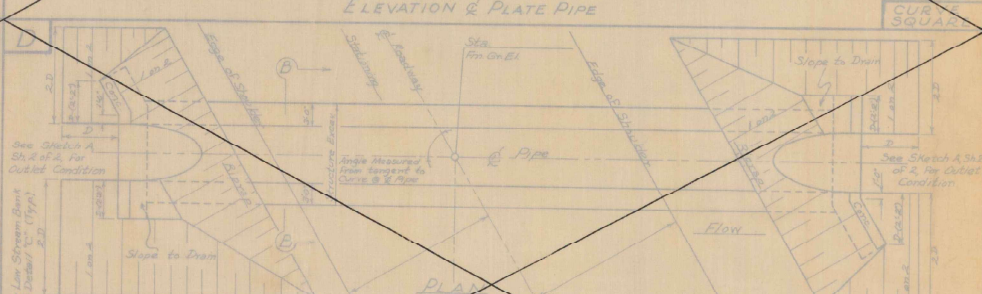
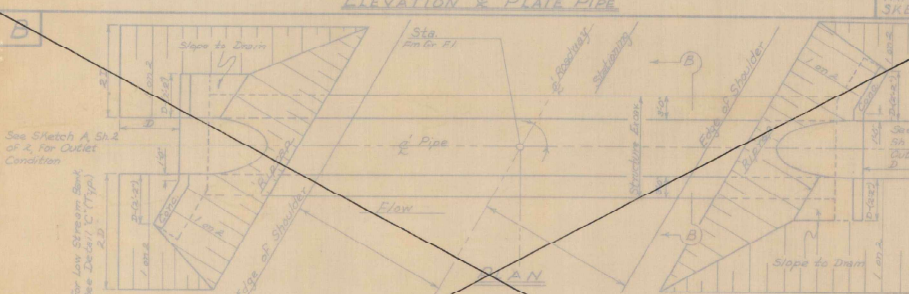
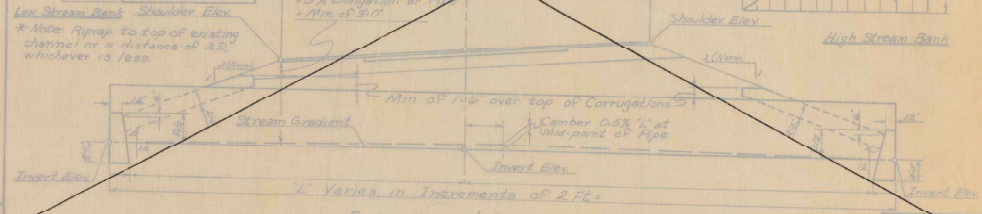
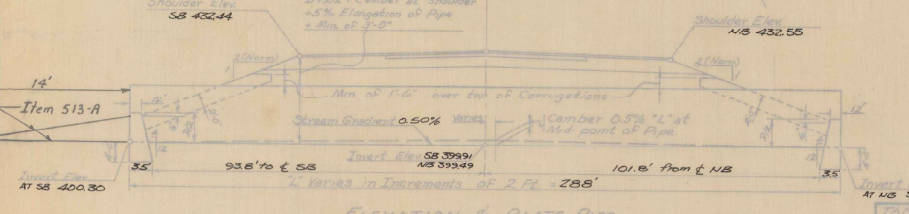
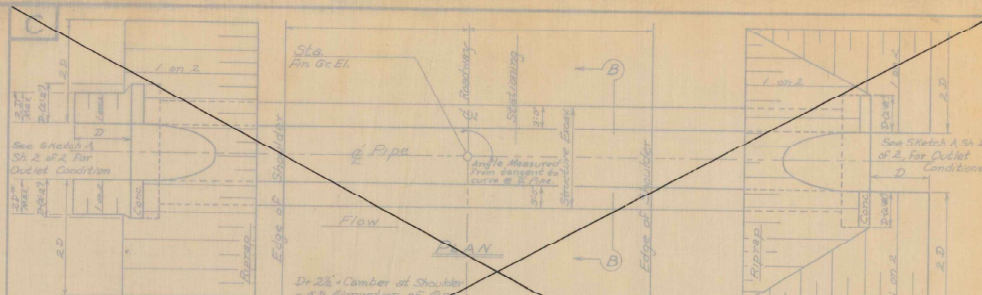
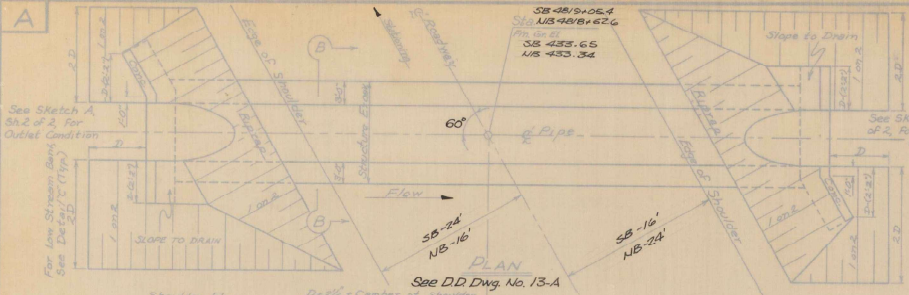
PROFILE  
 UNDATED  
 NORTH ARROW  
 OF THE PROJECT  
 No.



SCALE  
 HORIZ 1"=10'  
 VERT 1"=10'

ITEM 109 (STR. EXC. + 11.4)(2) - (192x5.5) =	98 C.Y.
	15.5 C.Y.
TOTAL	113.5 C.Y.
ITEM 108C (CH. EXC. (RIPRAP) (CU. EXC. (STONE FILL)) =	75 C.Y.
	28 C.Y.
TOTAL	103 C.Y.

PROJECT - THE FORD FAIRLEE  
 TOWN OF FAIRLEE  
 PROJECT NO. 1-9112(B)  
 I-91 STA. 4818+03.2  
 84" x 230 CMAPP  
 W/ VERTICAL RISES  
 247  
 885



Revisions & Corrections	Drawn By: S.H.S. June 1964
	Traced By: W.B.T. August 1964
	Checked By: W.M.S. August 1964
	Recommended For Approval: <i>[Signature]</i> Date: 8/15/64
	Recommended For Approval: <i>[Signature]</i> Date: 8/16/64
Approved: <i>[Signature]</i> Date: 8/16/64	

**DETAILS OF ROUND PLATE PIPE**  
Sheet 1 of 2  
**USE DETAIL A FOR THIS PIPE**  
Use Section B-B, Detail E, for all pipes.

DIA. OF PIPE - 84"  
O.A. LENGTH - 288"  
TOTAL WEIGHT - 53,856 Lbs.

GAGE TOP B.10 GAGE BOT B.10  
CAMBER - 0.74

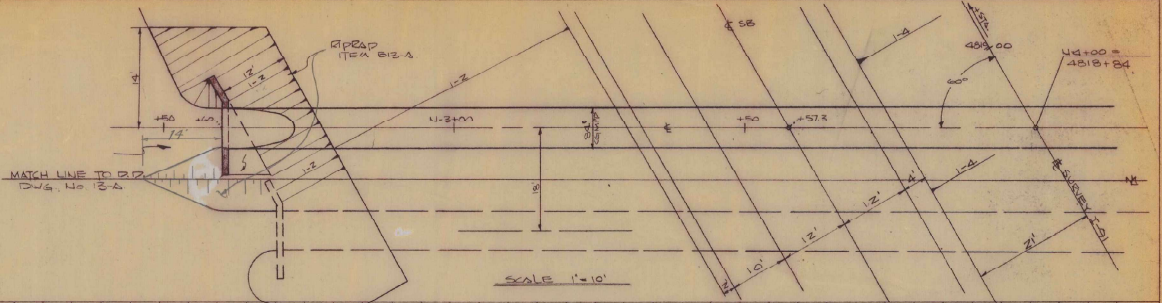
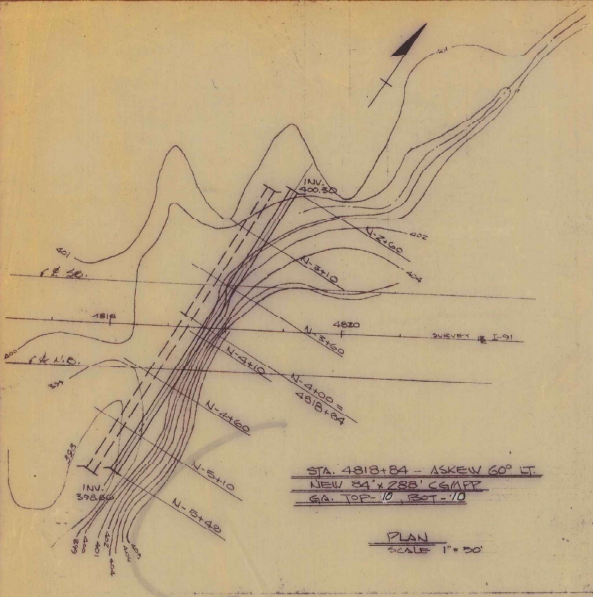
STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
STANDARD STRUCTURES

**SB-PP #1**

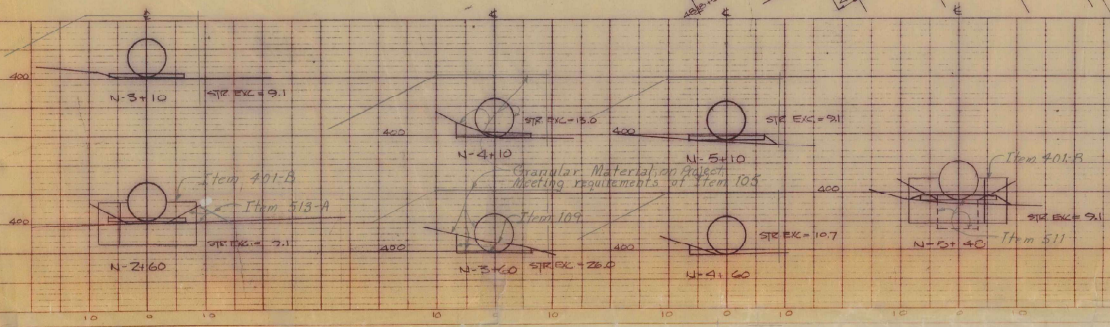
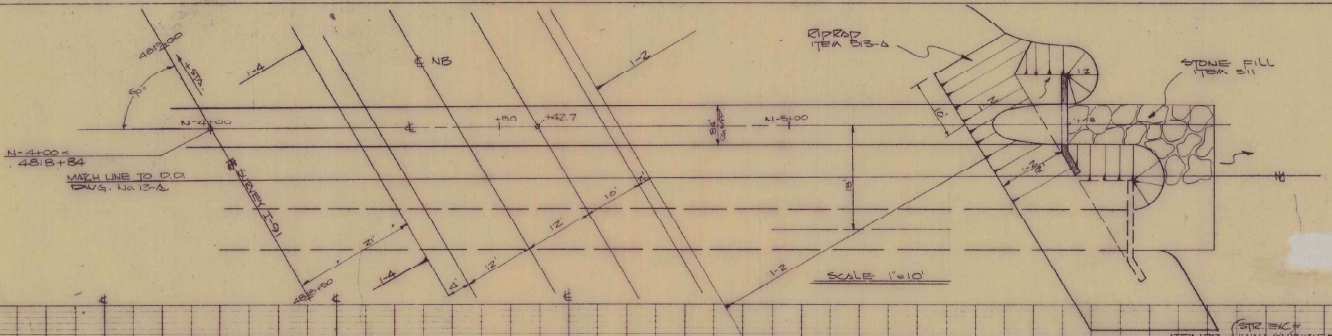
PROJECT: THETFORD & FAIRLEE  
TOWN OF FAIRLEE  
ROUTE NO. I-91 STA. 4918+84  
84" CGMPP

COMPLETED BY: S.L. CHECKED BY: J.H.  
PROJECT NO. I 91-2(9)  
SHEET 248 OF 639

DRAWN BY: [ ]  
 CHECKED BY: [ ]  
 DATE: [ ]  
 PROJECT: [ ]  
 SHEET: [ ] OF [ ]  
 TITLE: [ ]



DRAWN BY: [ ]  
 CHECKED BY: [ ]  
 DATE: [ ]  
 PROJECT: [ ]  
 SHEET: [ ] OF [ ]  
 TITLE: [ ]



ITEM 100	GRAVEL (19" x 1/2")	158 C.Y.
ITEM 100	GRAVEL (19" x 1/2")	158 C.Y.
TOTAL		316 C.Y.
ITEM 100	GRAVEL (19" x 1/2")	75 C.Y.
ITEM 100	GRAVEL (19" x 1/2")	43 C.Y.
TOTAL		118 C.Y.

PROJECT: THEFTORD FAIRLEE  
 TOWN OF FAIRLEE  
 I-91 STA. 4818+84  
 24' x 28' CMFP  
 PROJECT NO. 121 (2/4)  
 CD DWA. NO. 13-C

250

SCALE  
 HORIZ. 1" = 10'  
 VERT. 1" = 10'