

SURFACING PLAN

It is estimated that material for gravel surfacing for the project is available in the vicinity of the pit indicated in the following tabulation. Estimated quantities involved in this operation are shown below.

Alteration of the Surfacing Plan as here outlined will be allowed only on written permission from the Department.

MATERIAL TO BE PLACED	SOURCE	AVAILABLE	QUANTITY				OVERSHOOT TON MILE	
			TOP COURSE	BASE COURSE	SHOULDER COURSE	SHOULDER COURSE	TOP COURSE	BOTTOM COURSE
261+00 to 276+07	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	34.7	603	75	160	278	35	35
277+17 to 292+26.8 BK	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	34.7	604	75	53	93	12	12
290+00.6 BK to 290+58	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	137	23	37	1	1	1	1
290+58 to 297+40.1 BK	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	157	273	34	F.H.	F.H.	F.H.	F.H.
297+40.1 to 304+57	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	208	351	45	F.H.	F.H.	F.H.	F.H.
304+57 to 313+57	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	36	62	8	F.H.	F.H.	F.H.	F.H.
313+57 to 320+57	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	182	—	—	—	—	—	—
Estimated for Road Approaches								
TOTAL			1108	2108	240	214	407	48

BALLAST MATERIAL TABULATION

It is estimated that Ballast Material for the project is available in the vicinity of the pit indicated in the following tabulation. Estimated quantities involved in this operation are shown below.

Alteration of the plan as here outlined will be allowed only on written permission from the Department.

MATERIAL TO BE PLACED	SOURCE	AVAILABLE	QUANTITY AND THICKNESS				OVERSHOOT TON MILE
			THICKNESS	CLASS 2	CLASS 3	CLASS 4	
261+00 to 266+75	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	18	18	1869	507	1023	1
266+75 to 276+07	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	8	8	1849	507	1023	1
277+17 to 292+25	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	18	18	681	169	769	1
292+25 to 290+00	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	18	18	2319	350	350	1
290+00 to 292+26.8 BK	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	8	8	394	10	10	1
290+00.6 BK to 290+58	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	8	8	77	1	1	1
290+58 to 297+40.1 BK	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	8	8	94	F.H.	F.H.	1
297+40.1 to 304+57	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	8	8	330	F.H.	F.H.	1
304+57 to 313+57	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	18	18	2113	F.H.	F.H.	1
313+57 to 320+57	NE 1/4 Sec. 34, T. 14 N., R. 14 E.	18	18	506	F.H.	F.H.	1
Estimated for Road Approaches							
TOTAL				11637	2535	2535	1

Used on curve "D"

FENCING REQUIREMENTS

STATION	SIDE	REMOVE		BUILD		BUILD		GATES
		LINE FT.	RESULT	LINE FT.	RESULT	LINE FT.	RESULT	
261+00 to 266+00	R	410	510					
266+00 to 267+65	L							
267+65 to 276+07	R							
276+07 to 283+20	L							
283+20 to 288+00	R							
288+00 to 293+40	R							
293+40 to 297+40	R							
297+40 to 304+57	R							
304+57 to 313+57	R							
313+57 to 320+57	R							
TOTAL		410	510	360	360	2	2	

It is estimated that 19 Unarmed Wooden Line Posts will be used for Reinforcing Fence.

TIMBER GUARD POSTS

STATION	SIDE	SPACING	NO.
261+00 to 274+79	R	6'	26
274+79 to 283+20	L	6'	1
283+20 to 288+00	R	6'	10
288+00 to 293+40	R	6'	31
293+40 to 297+40	R	6'	1
297+40 to 304+57	R	6'	13
304+57 to 313+57	R	6'	1
313+57 to 320+57	R	6'	12
320+57 to 327+40	R	6'	35
327+40 to 334+57	R	6'	1
TOTAL			143

ROW MARKERS

STATION	SIDE	NO.
261+00 to 274+79	L	1
274+79 to 283+20	R	1
283+20 to 288+00	R	1
288+00 to 293+40	R	1
293+40 to 297+40	R	1
297+40 to 304+57	R	1
304+57 to 313+57	R	1
313+57 to 320+57	R	1
320+57 to 327+40	R	1
327+40 to 334+57	R	1
TOTAL		3

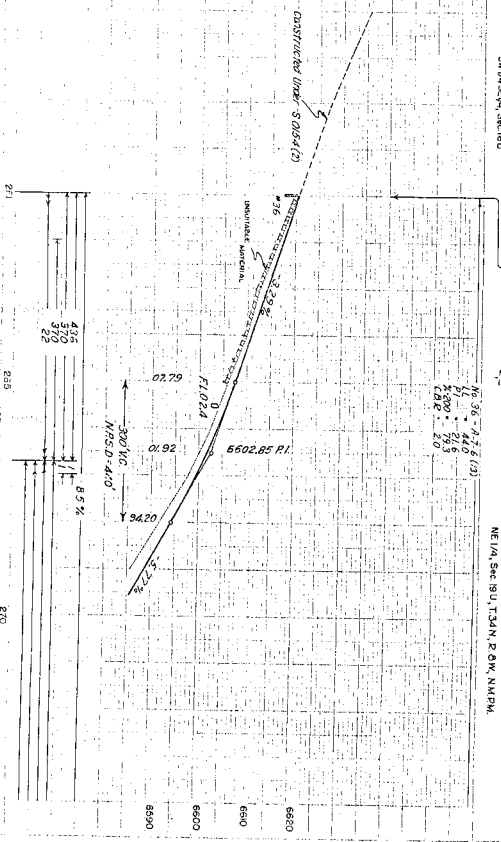
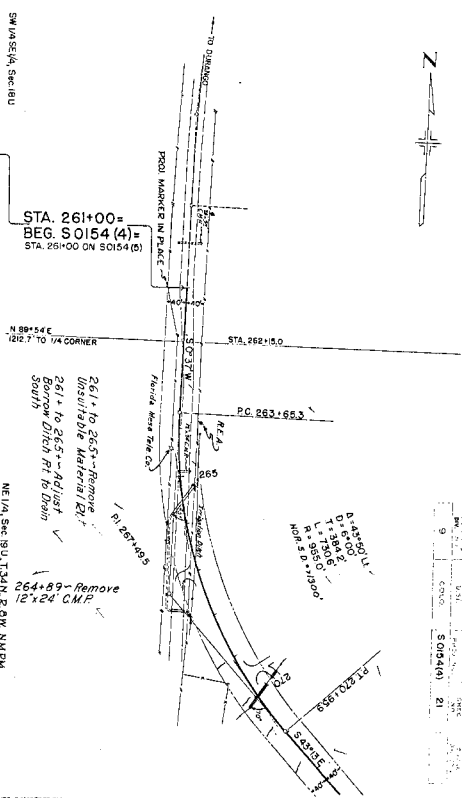
PROJECT NO.	DISTRICT	ROAD NO.	DATE	BY
1	1	1	1	1

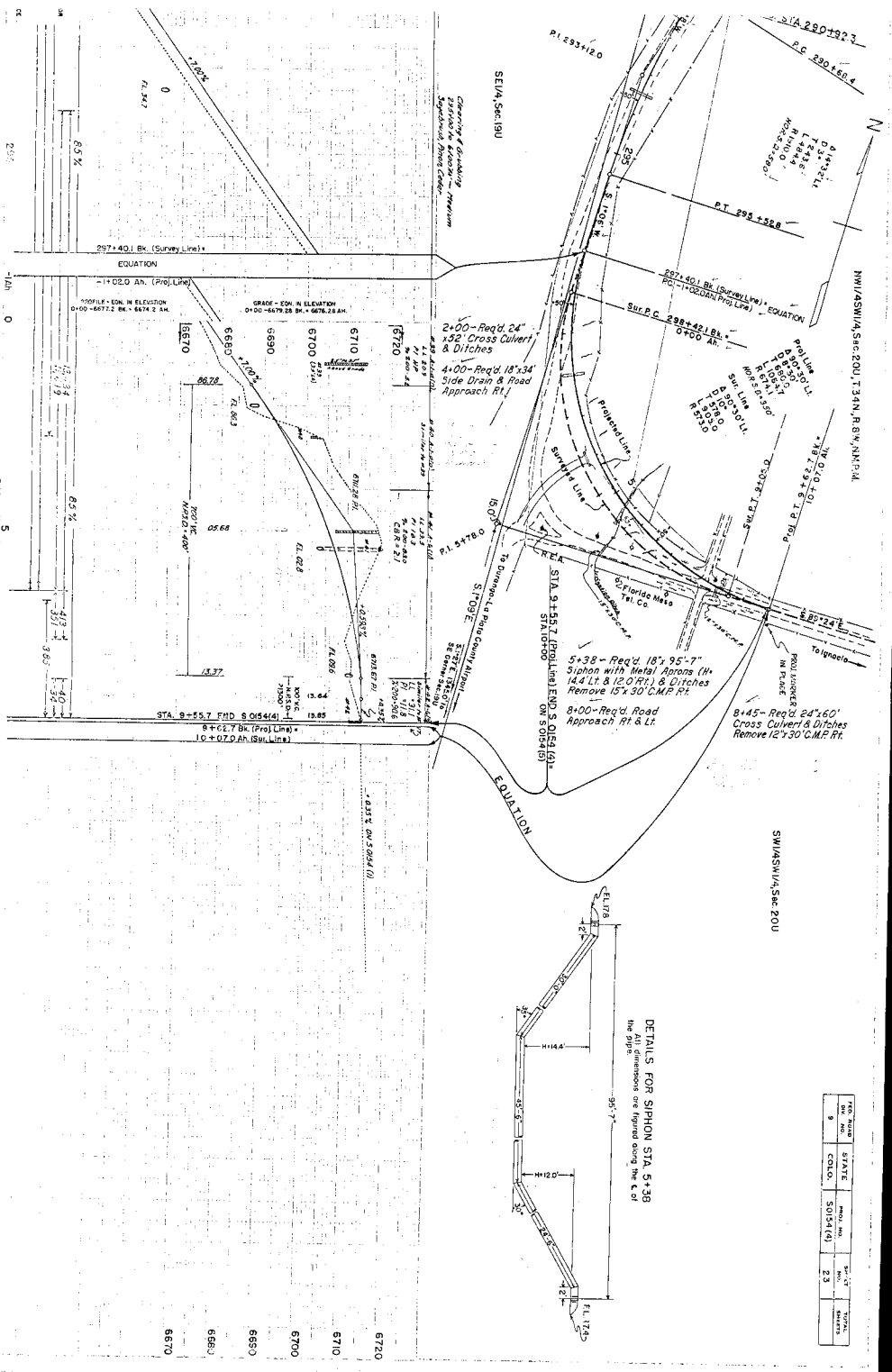
NOTE:

Alignment and Grades as shown are subject to modification during construction after approval by the Owner's Office.
 Soil data shown on the plans is obtained from best available testing laboratory information. This information is shown to the convenience of the Contractor and the Department does not warrant the accuracy of these facts. If materials not conforming to the data on these plans are used, it may be necessary to secure dense, stable embankments.
 Fencing, ROW Markers, etc. are tabulated on sheet No. 3.



Sheet No.	Scale	Date
9	1" = 40'	5/24/40
21		





DETAILS FOR SIPHON STA. 5+38
 The dimensions are figured along the L & C of the pipe

NO.	DATE	STATE	APPRO. NO.	ST. NO.	TOTAL
9		COLO.	5015(4)	23	