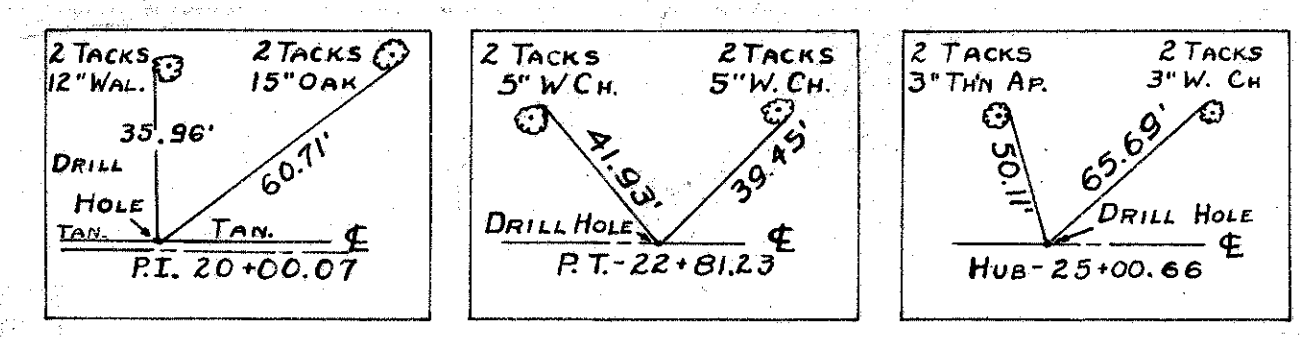


CURVE DATA
 P.I. STA. 20+00.07
 $\Delta = 5^\circ 37' 40''$ Rt.
 D. - 1° 00'
 T. - 281.62'
 R. - 5729.58'
 L. - 562.78'
 E. - 6.9'

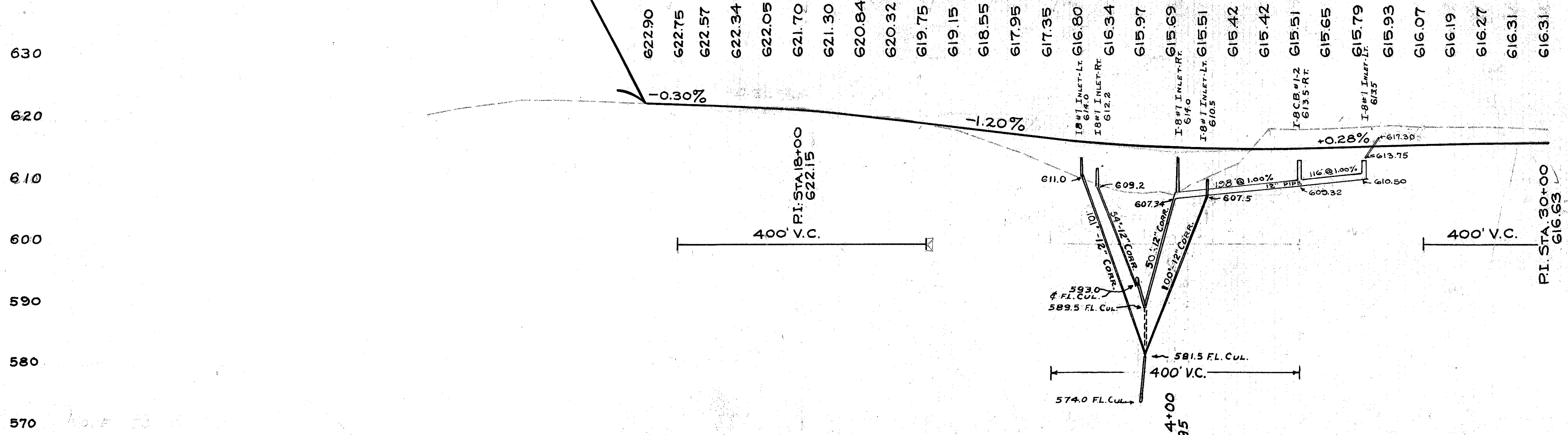


BEGIN PROJECT
 STA 15+50

B.M.#1 - STA. 15+39
 SPIKE IN BACK SIDE
 OF 33" ELM. 14.5' LT.
 ELEV. 623.855

B.M.#2 - STA. 20+41
 SPIKE IN ROOT OF
 20" W. CHERRY. 28' LT.
 ELEV. 619.88

B.M.#3 - STA. 26+34
 SPIKE IN SIDE OF
 22" ASH. 30' LT.
 ELEV. 619.765



Excavation 663 Cu. Yds.
 Embankment 6,669 Cu. Yds.
 Embankment +35% 9,003 Cu. Yds.

Excavation 6866 Cu. Yds.
 Embankment 109 Cu. Yds.
 Embankment +35% 147 Cu. Yds.

STORM SEWERS

MARK	STATION	FROM	TO	SIDE	12" RELAY	18" RELAY	24" RELAY	30" RELAY	36" RELAY	42" RELAY	48" RELAY	54" RELAY	60" RELAY	66" RELAY	72" RELAY	78" RELAY	84" RELAY	90" RELAY	96" RELAY	102" RELAY	108" RELAY	114" RELAY	120" RELAY	PIPE UNDER 12" PIPE	NEW	
1-S	22+50			LT.																						
2-S	22+52			LT.																						
3-S	22+53	23+49		LT.	101'																					
4-S	22+75			LT.																						
5-S	22+76			LT.																						
6-S	22+78	23+27		LT.	54'																					
7-S	23+51	24+47		LT.	100'																					
8-S	24+49			LT.																						
9-S	24+50			LT.																						
10-S	23+53	23+99		LT.	50'																					
11-S	24+00			LT.																						
12-S	24+02			LT.																						
13-S	24+03	25+99		LT.	96'																					
14-S	26+00			LT.																						
15-S	26+01	27+04		LT.	ET.																					
16-S	27+05			LT.																						
17-S	27+00			LT.																						
Total						305	48	96		1	5	1	2		1	114	100									

PIPE REMOVAL

MARK	STATION	FROM	TO	SIDE	SIZE	STORAGE	REMOVED	REUSE	
1-R	16+20	16+55		LT.	6"	75'			
2-R	16+20	16+40		RT.	12"	20'			
3-R	19+66	19+86		LT.	12"	20'			
4-R	23+51	25+45		LT.	12"	104'		96'	
5-R	25+73	25+73		LT.	4"	70'			
6-E	25+72	27+20		LT.	6"	112'		48'	
TOTAL						361	20	20	144'

GUARD RAIL

MARK	STATION	FROM	TO	SIDE	BUILD	REMOVE
1-G	22+86	24+15		LT.	129'	
2-G	22+81	24+25		RT.	144'	
3-G	22+84	24+15		LT.	187.5'	
4-G	22+75	24+00		RT.	125'	
TOTAL					312.5	273'

STRUCTURES 20' SPAN AND UNDER

MARK	STA.	TYPE	SIZE	REFER
1-C	23+49	PIPE	18x154"	11

DRIVES AND APPROACHES

MARK	STATION	SIDE	1-17"	12" Pipe For
1-D	16+20	LT.	17.7'	82'
2-D	16+31	RT.	3.4'	20'
3-D	19+76	LT.	3.2'	20'
4-D	26+66.68	LT.	See Detail Sheet 14	
TOTAL			24.3	122'

TREE REMOVAL

STATION	SIDE	SIZE	KIND
20+05	29'-LT.	15'	APPLE
20+41	28'-LT.	20'	W. CHERRY
20+55	28'-LT.	15'	CAK
20+68	28'-LT.	14'	W. CHERRY
21+65	30'-LT.	2-9'	W. CHERRY
21+67	27'-LT.	24'	ELM
21+80.5	28'-LT.	14'	W. CHERRY
21+93	26'-LT.	20'	OAK
22+30	30'-LT.	2'	W. CHERRY
23+09	60'-RT.	12'	ASH
23+23	39'-RT.	12'	ELM
23+26	50'-RT.	18'	ELM
23+28	42'-LT.	15'	STUMP
23+32	47'-RT.	9'	ASH
23+33	67'-RT.	24'	WILLOW-DEAD
23+39	68'-LT.	18'	OAK
23+51	44'-RT.	19'	ELM
23+82	41'-LT.	12'	POPLAR
23+87	52'-LT.	11'	POPLAR
23+89	42'-RT.	10'	ASH
24+10	22'-RT.	12'	STUMP
24+83	24'-RT.	10'	STUMP
26+34	30'-RT.	22'	ASH
24+07	33'-RT.	9'	OAK
TOTAL			25 TREES

PAVEMENT REMOVAL

STATION	FROM	TO	WIDTH	LENGTH	CON. PAVT.	SQ. YDS.
15+50	21+75		18"	625'		1250
24+70	26+95		18"	235'		470
TOTAL						860

MAIL BOX APPROACHES

Mark	Station	Side	I-17	Cu. Yds.
1-MB	23+49	LT.	3.2'	

6	620.96
7	622.07
8	622.74
9	623.21
10	623.29
11	623.12
12	623.02
13	622.90
14	622.69
15	622.41
16	622.08
17	621.83
18	621.63
19	621.16
20	620.92
21	620.52
22	619.58
23	618.41
24	616.83
25	615.08
26	612.83
27	610.49
28	608.96
29	608.50
30	608.23
31	608.49
32	607.99
33	607.77
34	607.75
35	611.9
36	613.0
37	618.8
38	618.6
39	618.9
40	619.0
41	619.3
42	619.0
43	619.0
44	619.0
45	619.0
46	618.9
47	618.7