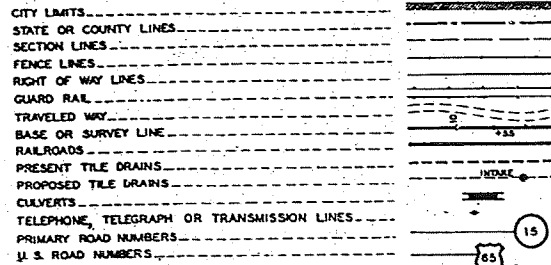


STATE	PRIM. ROAD PROJ. NO.	SHEET NO.	TOTAL SHEETS
IOWA	677	1	141

1931 PAVING

CONVENTIONAL SIGNS



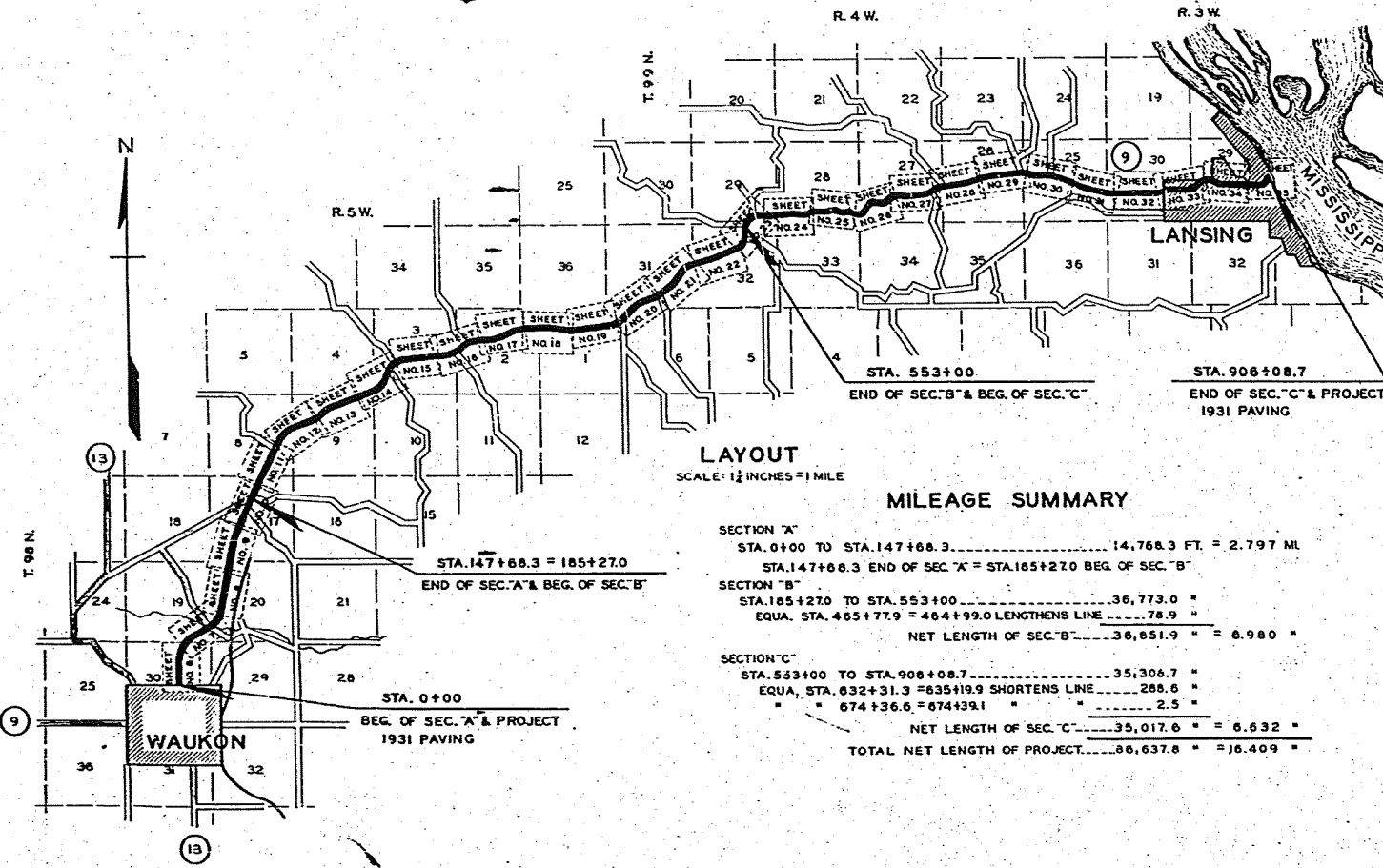
STATE OF IOWA
STATE HIGHWAY COMMISSION
 PLAN AND PROFILE OF PROPOSED IMPROVEMENT
 ON THE
PRIMARY ROAD SYSTEM
 PRIMARY ROAD PROJECT NO. 677
 SECTIONS A, B & C - 1931 PAVING
ALLAMAKEE COUNTY
 PRIM. ROAD NO. 9 FROM WAUKON NORTHEAST
 INTO LANSING

CONSTRUCTION PLANS
 SHOWING
 PROJECT AS BUILT

SCALES (PLAN 1 INCH = 100 FT.
 PROFILE HOR. 1 INCH = 100 FT., VERT. 1 INCH = 10 FT.)

INDEX OF SHEETS

SHEET NO.	TITLE PAGE
1	TITLE PAGE
2	ESTIMATE OF QUANTITIES AND TABULATIONS
3	TYPICAL CROSS SECTIONS AND DETAILS OF IMPROVEMENT
4	DETAILS OF STANDARD PAVING FLUMES
5	BRIDGE APPROACH SECTIONS
6	PLAN AND PROFILE STA. 0+00 TO STA. 30+00
7	24+00 " " " " 56+00
8	54+00 " " " " 86+00
9	84+00 " " " " 116+00
10	114+00 " " " " 146+00
11	144+00 " " " " 211+00
12	209+00 " " " " 241+00
13	239+00 " " " " 271+00
14	269+00 " " " " 301+00
15	299+00 " " " " 321+00
16	329+00 " " " " 381+00
17	359+00 " " " " 391+00
18	389+00 " " " " 421+00
19	419+00 " " " " 451+00
20	450+00 " " " " 481+00
21	479+00 " " " " 511+00
22	509+00 " " " " 541+00
23	539+00 " " " " 571+00
24	569+00 " " " " 601+00
25	599+00 " " " " 631+00
26	629+00 " " " " 661+00
27	659+00 " " " " 691+00
28	689+00 " " " " 721+00
29	719+00 " " " " 751+00
30	749+00 " " " " 781+00
31	779+00 " " " " 811+00
32	809+00 " " " " 841+00
33	839+00 " " " " 871+00
34	869+00 " " " " 901+00
35	899+00 " " " " 906+06.7
36	TO 141 INCLUSIVE, CROSS SECTIONS



52-Sheets

APPROVED _____ DATE _____
 CHIEF ENGINEER - IOWA HIGHWAY COMM.

TABULATION OF FLUMES

Sec.	Station	Type	Side	Disch. Type	Conc. Slope Drain Lin. Ft.	Metal Slope Drain Lin. Ft.	Flume Sbl.	Sec.	Station	Type	Side	Disch. Type	Conc. Slope Drain Lin. Ft.	Metal Slope Drain Lin. Ft.	Flume Sbl.	
A	14+	A	D	3	4	8	12	B	507+	A	R	1	4	8	12	
	21+	A	R	1	11	1			517+	A	L	1	7	12		
	26+	A	B	2	11	1			553+	A	L	1	7	12		
	30+	A	B	2	11	1			C	599+	A	R	1	12	16	
	36+	A	B	2	10.5	13				590+	A	R	1	12	17.22	
	41+	A	B	2	12	13.2				518+	A	R	2	7	12.23	
	45+	A	L	1	11	15.2				578+	A	L	1	7	12	
	50+	A	L	1	11	15.2				580+	A	L	1	11	12	
	61+	A	L	1	6	15			592+	A	L	1	12	15		
	65+	D	B	1	14.5	15			599+	A	L	1	12	15		
	70+	A	B	2	14.5	15			605+	A	R	1	11	15		
	80+	A	B	2	14.5	15			613+	A	L	1	6.5	12		
	96+	A	B	1	14.5	15			620+	A	R	1	5.6	12		
	100+	A	B	1	14.5	15			623+	A	L	1	5.6	12		
	121+	A	B	2	12.4	15			629+	A	R	1	10	14		
127+	A	B	2	12.4	15		636+	B	L	1	10	14				
135+	A	B	2	12.4	15		643+	A	L	2	5.6	12				
B	211+	A	R	1	12.5	15		692+	A	L	1	11	17	30.21		
	232+	A	B	1	12.5	15		698+	A	R	1	12	17	30.21		
	236+	A	L	1	12.5	15		677+	A	L	1	5.6	12			
	244+	A	L	2	12.1	15		683+	A	B	2	7.0	12			
	248+	A	R	1	12.1	15		692+	A	L	1	7.0	12			
	271+	B	B	1	14.5	15		701+	A	R	1	6	12			
	283+	B	R	1	14.5	15		706+	A	R	1	6	12			
	303+	B	R	1	14.5	15		707+	B	L	1	6	12			
	310+	A	R	1	14.5	15		712+	A	R	1	6	12			
	332+	A	L	1	14.5	15		726+	A	R	2	5.6	12			
	344+	A	L	1	14.5	15		736+	A	B	1	5.6	12			
	348+	B	B	1	14.5	15		741+	B	B	1	5.6	12			
	363+	B	B	1	14.5	15		746+	A	R	1	5.7	12			
	370+	A	L	1	14.5	15		766+	B	B	1	5.7	12			
	386+	B	R	1	14.5	15		760+	B	B	1	7.6	12			
397+	A	R	2	12	9		788+	A	L	1	7.6	12				
425+	A	L	1	8	9		791+	A	L	1	7.6	12				
452+	A	L	1	8	9		797+	A	L	1	7.6	12				
454+	B	L	1	8	9		800+	A	L	1	7.6	12				
456+	A	R	1	11	12		832+	A	L	1	5.6	12				
470+	B	B	1	12	12		838+	A	L	1	5.6	12				
473+	A	L	1	12	12		855+	A	B	1	6	12				
481+	A	B	1	12	10		865+	A	L	1	6	12				
485+	A	L	1	8	9		870+	B	R	1	6	12				
496+	A	L	1	8	9		876+	A	L	1	6	12				
501+	B	R	1	12	15		884+	A	R	1	6	12				
							877+	A	R	1	6	12				
							Total	83 A					515	659	42	

Note: 4 grade of paving is to be depressed 1/16" at all type 'B' flumes and type 'A' flumes where designated and the depression worked out in 50 ft. each way from the low point.

ITEMS AT BRIDGES

Station	Size	Type	Series	Resurfacing of Bridge Floor by	Expansion Plates to be furnished by	Expansion Plates to be set by	Type of Paving Support at Ends of Bridge
46+00	36" x 24"	I-Beam	-	Br. Contc.	-	-	Paving Notch
602+75	36" x 24"	I-Beam	-	Br. Contc.	-	-	Paving Notch
738+30	36" x 24"	I-Beam	-	Br. Contc.	-	-	Paving Notch

SUPERELEVATED CURVES

Station	Δ	D	e	S	Station	Δ	D	e	S	K	d	R	A
10+650	24'	37'	4'	1/2	609+110	37'	24'	6'	1/2				
32+059	40'	24'	5'	1/2	616+220	15'	00'	6'	3/8				
50+739	54'	32'	2'	3/8	621+031	15'	19 1/2	6'	3/8				
101+000	16'	41'	2'	3/8	626+205	30'	22 1/2	6' 3/8	3/8				
218+264	45'	30'	4'	1/2	630+792	31'	10'	10'	1/2				
240+101	22'	02'	1'	3/8	639+528	61'	15'	12'	1/2				
253+18.5	22'	53'	3'	3/8	648+442	70'	08'	12'	1/2				
265+256	46'	01'	5'	1/2	655+285	64'	41'	10' 3/8	1/2				
303+447	56'	27'	1'	1/2	664+122	54'	23'	6'	3/8				
339+384	38'	59'	3'	3/8	671+555	22'	47 1/2	4'	1/2				
357+626	29'	26'	2'	3/8	687+239	21'	05'	3' 3/8	3/8				
373+520	14'	26'	2'	3/8	697+29.5	21'	25'	3' 3/8	3/8				
384+525	24'	12'	3'	3/8	709+079	13'	59'	3'	3/8				
400+187	11'	40'	3'	3/8	714+088	11'	20'	4'	1/2				
421+061	16'	48'	3'	3/8	742+016	10'	58'	3'	3/8				
431+016	38'	31'	5'	1/2	747+331	13'	56'	4'	1/2				
462+094	25'	50'	5'	1/2	767+675	31'	34'	3'	3/8				
477+037	14'	33'	2'	3/8	779+100	9'	13'	2'	3/8				
490+15.5	20'	44'	2'	3/8	793+929	21'	03'	5'	1/2				
501+407	42'	22'	3'	1/2	807+009	11'	33'	2'	3/8				
544+92.5	63'	58'	6'	3/8	832+029	9'	48'	2'	3/8				
557+71.4	11'	36'	6'	3/8	841+429	18'	37 1/2	5'	1/2				
566+10.2	40'	54'	0'	3/8	849+121	19'	16'	4'	1/2				
587+13.3	18'	4'	4'	1/2	860+790	41'	45'	5'	1/2				
590+70.9	59'	22'	7'	3/8	887+51.0	35'	08'	6'	3/8				
601+75.8	23'	23'	6'	1/2	875+18.5	16'	02 1/2	1'	1/2				
					723+350	5'	42'	1'	1/2				
					614+44.3	2'	47'	1'	1/2				

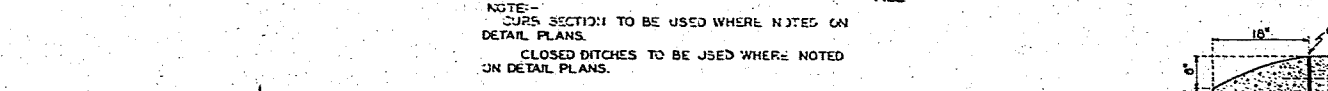
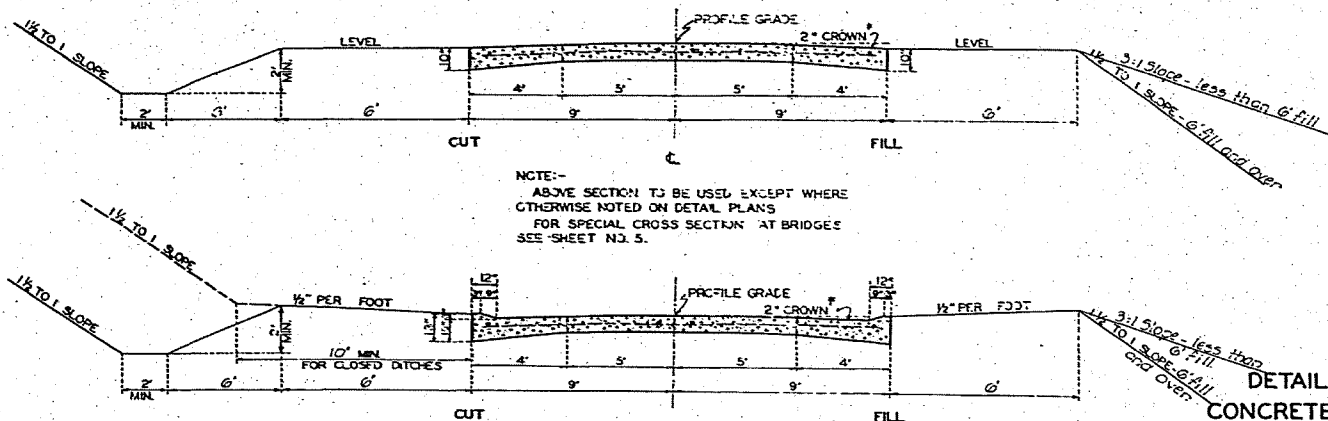
ESTIMATE OF QUANTITIES

Section	Excavation Cu. Yds.					Paving Sq. Yds.	Flumes	
	Earth			Rock			Type A	Type B
	Roadway & Borrow	Channel Change	Drives and Side-roads	Loose	Solid			
A	55,581	-	-	5,946	18,619	2,955.3	25	3
B	56,823	-	-	-	7,311	7,370.8	20	15
C	67,444	875	75	3,861	31,371	71,649.0	39	7
Total	169,725	875	75	9,807	27,312	104,000.2	83	25

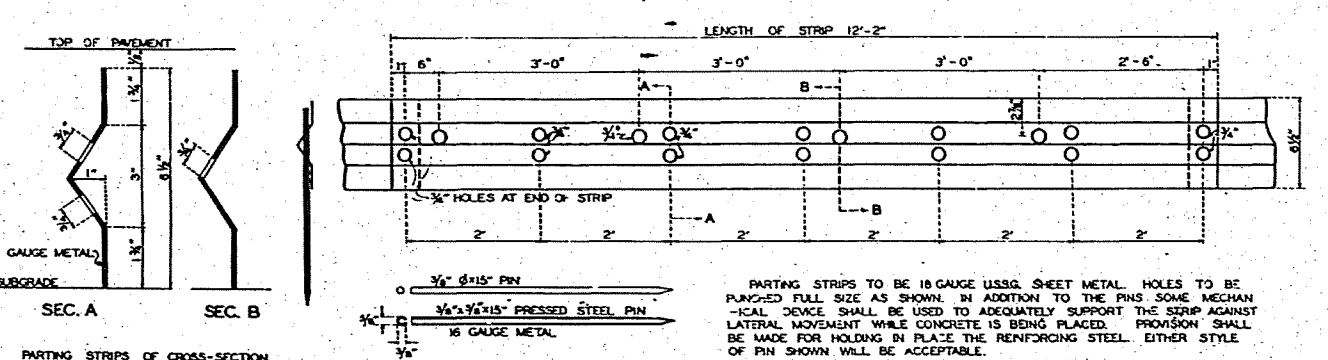
Total excavation - 170,673 Cu. Yds.
 @ to be used in road fill - See sheets 28 and 30.
 @ includes 350 Cu. Yds. of rock channel change cut - To be wasted. See sheet #25.
 @ includes 711.7 Sq. Yds. for widening at bridges, curves and approach to city pavement. Includes 824.30 lin. ft. for curbs.

FED. ROAD DIST. NO.	STATE	PRIM. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IOWA	677		3	141

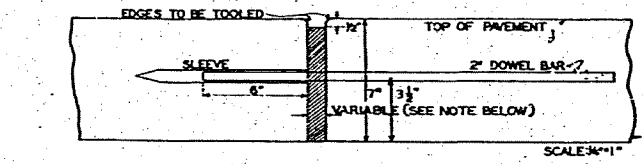
TYPICAL CROSS SECTIONS



DETAILS FOR CENTER PARTING STRIP



DETAILS OF EXPANSION JOINTS



JOINTS MAY BE EITHER POURED OR PREMOULDED. IN EITHER CASE INSTALLATION DEVICES ARE TO BE APPROVED BEFORE BEING USED. SUGGESTED DESIGNS FOR INSTALLATION DEVICES WILL BE FURNISHED ON APPLICATION.

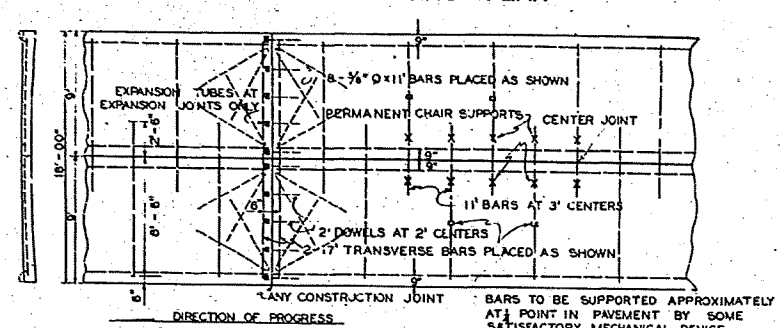
1" EXPANSION JOINTS AT 80' CENTERS, SHALL BE USED ON WORK CONSTRUCTED WITH LIME STONE AGGREGATE.

3" EXPANSION JOINTS AT 60' CENTERS, SHALL BE USED ON WORK CONSTRUCTED WITH GRAVEL AGGREGATE.

1" EXPANSION JOINTS AT 40' CENTERS, SHALL BE USED ON WORK CONSTRUCTED WITH CLASS 5 AGGREGATE.

REGARDLESS OF THE WIDTH AND SPACING OF JOINTS THE REINFORCING DIAGRAM WILL REMAIN UNCHANGED.

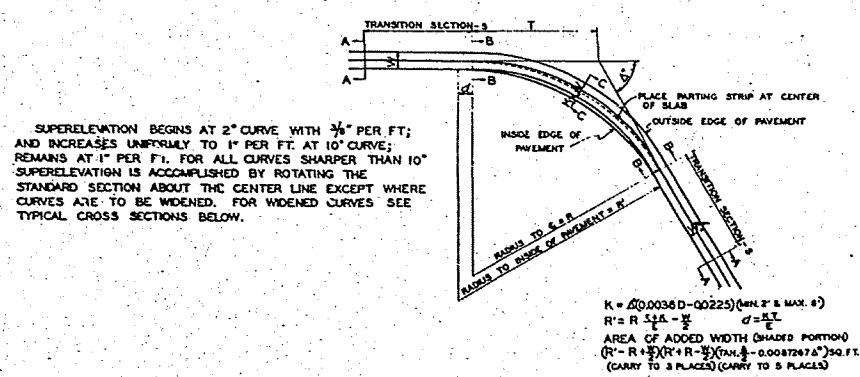
PAVEMENT REINFORCING PLAN



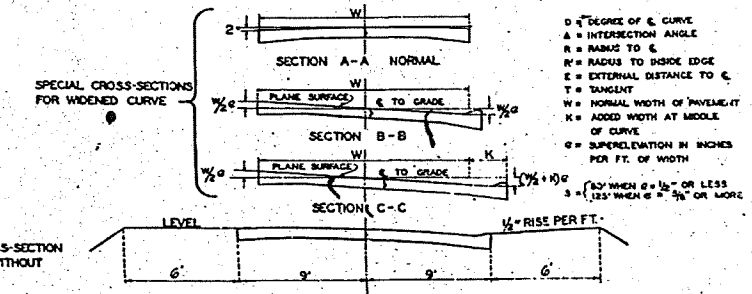
ALL REINFORCING STEEL TO BE PLAIN 3/4" x 3/8" BARS. FOUR LONGITUDINAL BARS TO BE PLACED AS SHOWN, 2 1/2" BELOW TOP SURFACE, 2" LAP TO BE USED AT ALL SPLICES. ALL DOWEL BARS TO BE PLACED IN CENTER OF SECTION. DOWELS AT TRANSVERSE JOINTS TO PROJECT 6" INTO NEW WORK, AND TO BE FITTED WITH EXPANSION TUBES AT EXPANSION JOINTS. LONGITUDINAL REINFORCING STEEL TO END 2" FROM TRANSVERSE JOINTS.

- ALL REINFORCING STEEL, INCLUDING DOWELS AT TRANSVERSE JOINTS, TO BE HELD RIGIDLY IN CORRECT POSITION.
- MINIMUM CONSTRUCTION REQUIREMENTS AS FOLLOWS:-
1. ALL TRANSVERSE BARS TO BE PLACED UNDER LONGITUDINAL BARS, AND TO BE SUPPORTED BY TWO PERMANENT CHAIRS AND ONE REMOVABLE DEVICE AT QUARTER POINT. (SEE PLAN ABOVE. ALSO SEE NOTE NO. 5 BELOW.)
 2. SIDE LONGITUDINAL BARS TO BE SUPPORTED BY REMOVABLE BRACKETS FROM SIDE FORMS.
 3. ALL LAPS AND INTERSECTIONS OF BARS TO BE SECURELY WIRED EXCEPT AS NOTED BELOW.
 4. EIGHT BENT BARS TO BE PLACED 2 1/2" INCHES BELOW TOP SURFACE, ADJACENT TO ALL TRANSVERSE JOINTS. (SEE PLAN ABOVE.) (NO WIRES REQUIRED FOR BENT BARS.)
 5. PERMANENT CHAIRS TO BE U-SHAPED PRESSED METAL PINS, WITH NOT LESS THAN 4" PENETRATION INTO SUBGRADE, DISTANCE FROM SUBGRADE LUG TO BOTTOM OF DOWEL HOLE TO BE 3 1/2". METAL TO BE 18 GAUGE.

DETAILS FOR SUPERELEVATION

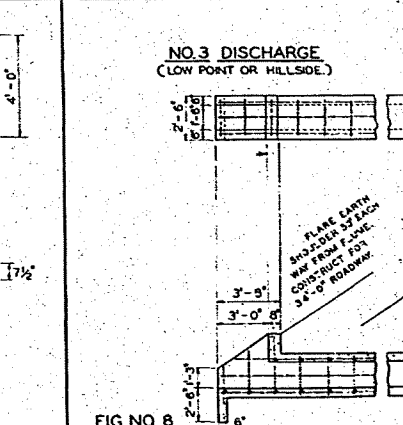
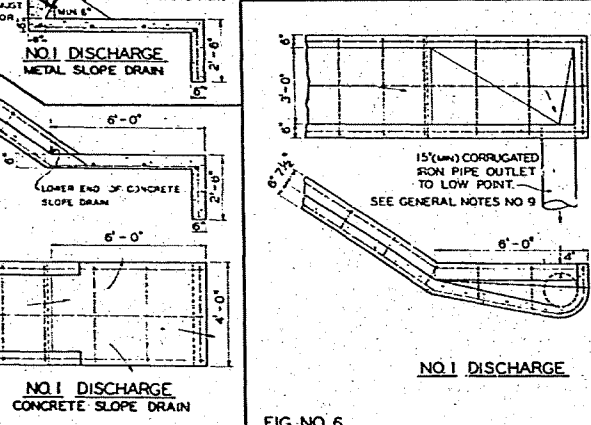
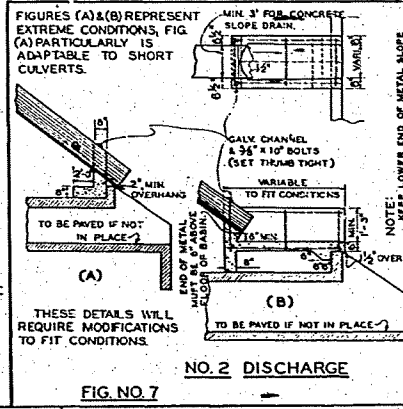
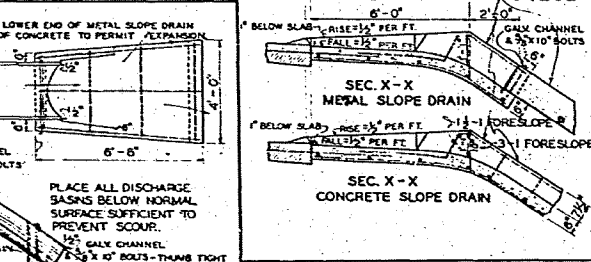
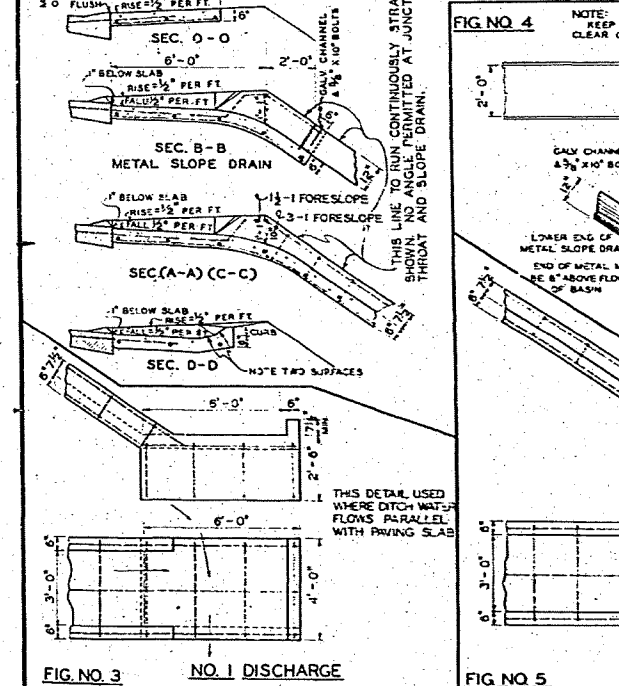
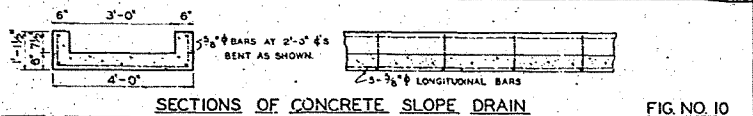
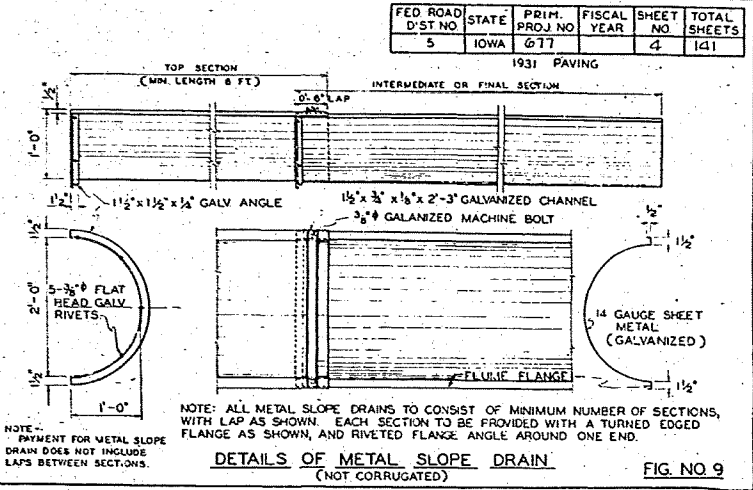
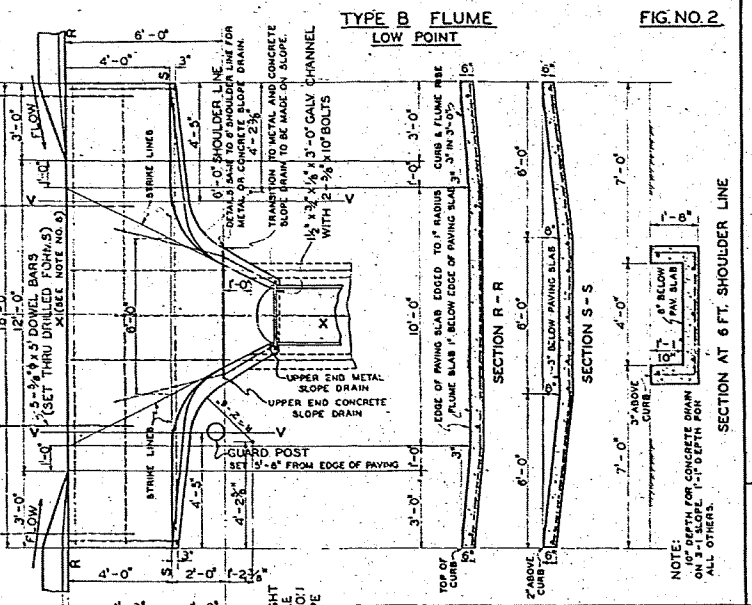
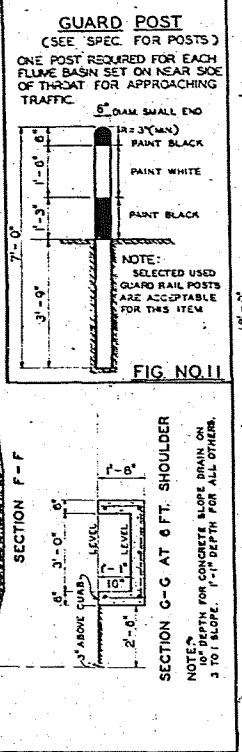
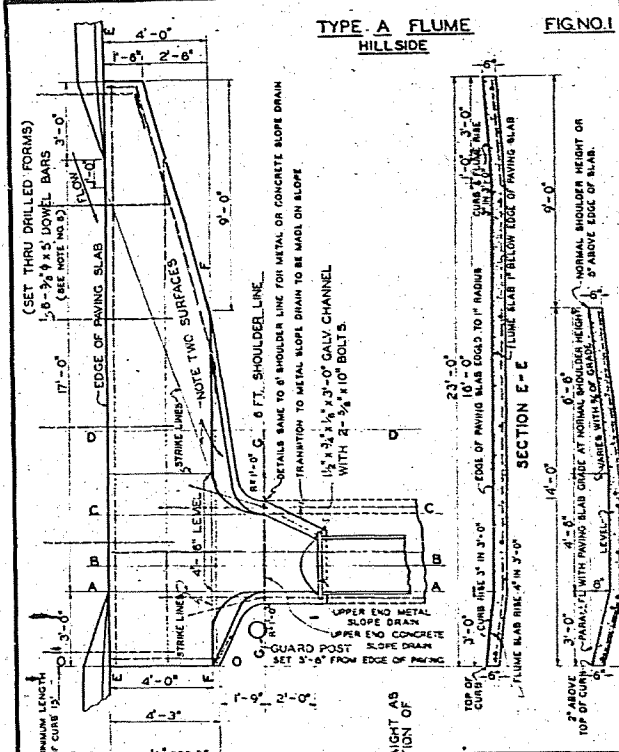


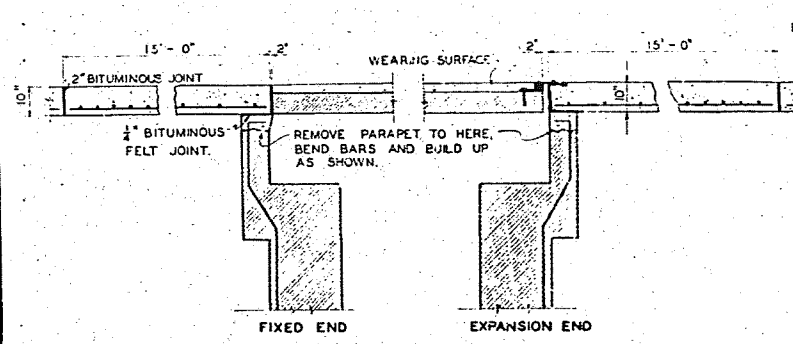
SUPERELEVATION BEGINS AT 2" CURVE WITH 1/4" PER FT.; AND INCREASES UNIFORMLY TO 1" PER FT. AT 10' CURVE; REMAINS AT 1" PER FT. FOR ALL CURVES SHARPER THAN 10". SUPERELEVATION IS ACCOMPLISHED BY ROTATING THE STANDARD SECTION ABOUT THE CENTER LINE EXCEPT WHERE CURVES ARE TO BE WIDENED. FOR WIDENED CURVES SEE TYPICAL CROSS SECTIONS BELOW.



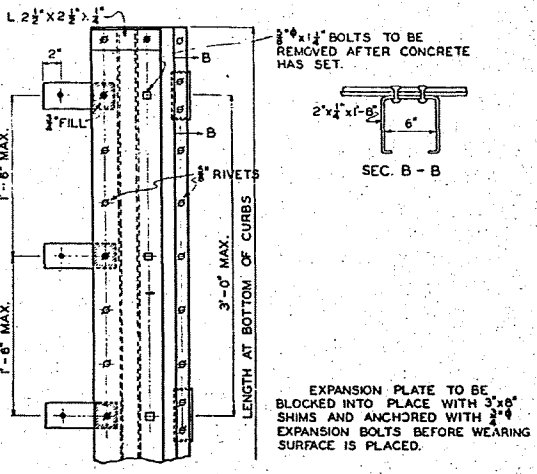
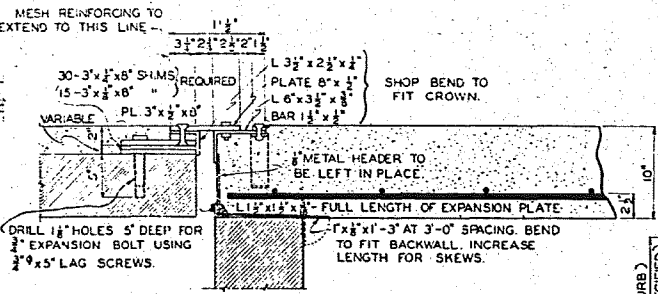
SPECIAL CROSS-SECTION FOR CURVE WITHOUT WIDENING

FED ROAD DIST NO	STATE	PRIM. PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
5	IOWA	677	1931 PAVING	4	141

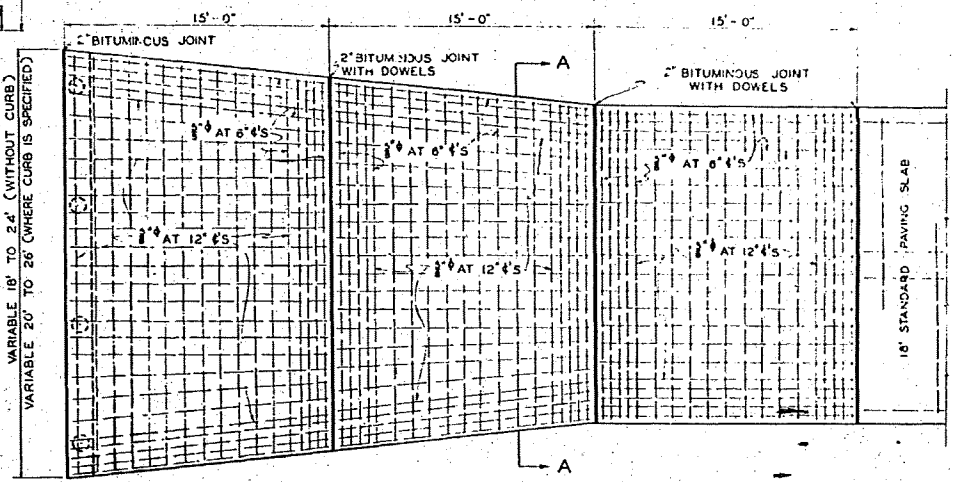
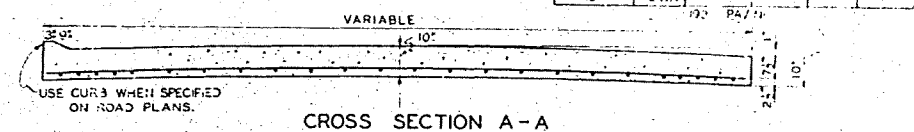




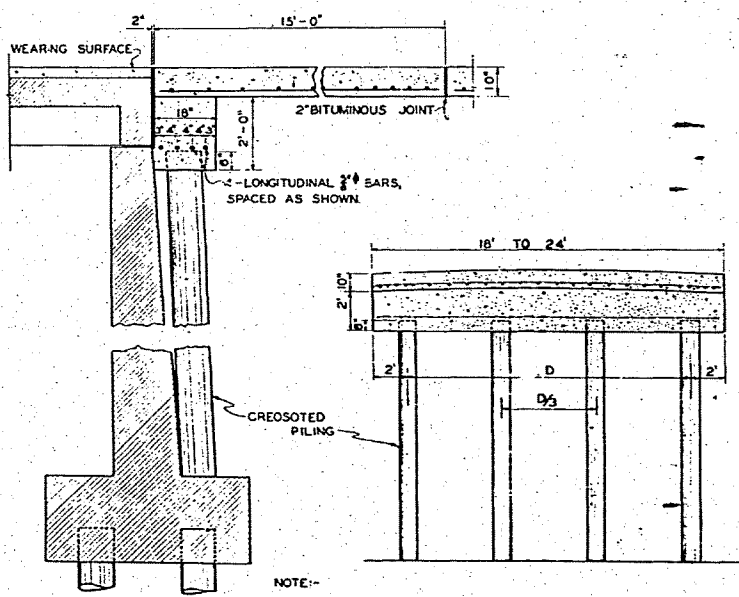
DETAIL FOR STEEL SPANS OF 70' OR MORE
E SECTION



EXPANSION DETAILS FOR TRUSS SPANS

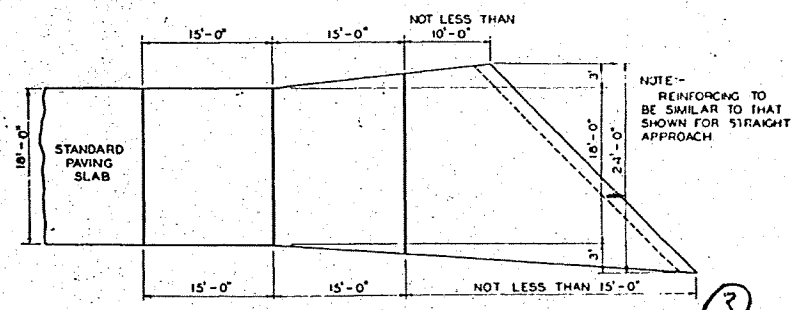
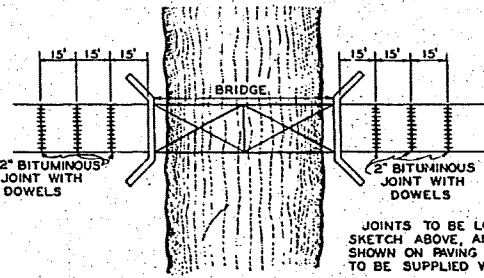


REINFORCING DIAGRAM FOR SPECIAL PAVING SECTIONS ADJACENT TO BRIDGES.



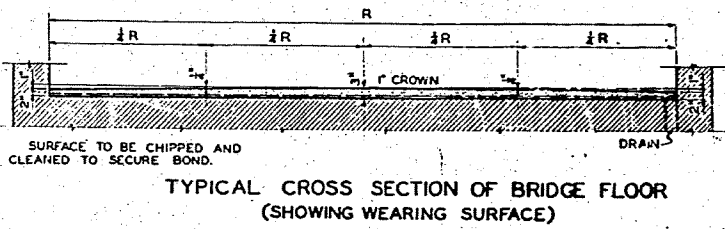
DETAIL OF PILE PAVING SUPPORT

NOTE:- WHERE ABOVE DETAIL IS REQUIRED, PILING TO REST ON ABUTMENT FOOTING WHERE SUCH IS AVAILABLE. FOR OTHER TYPES OF BRIDGES LONGER PILING ARE TO BE USED AS SPECIFIED. PILING TO CONFORM WITH STANDARD BRIDGE SPECIFICATIONS.



TYPICAL LAYOUT FOR APPROACH TO SKEW BRIDGE

3
P-677 A B C
Hwy # 9
Sheet # 10

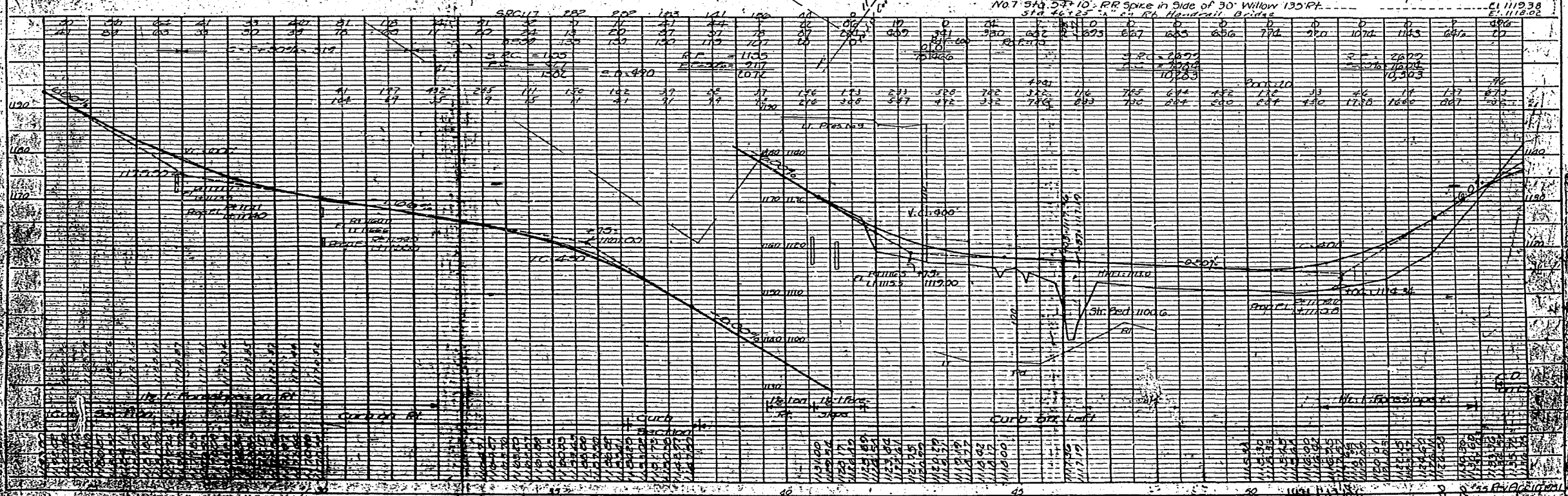
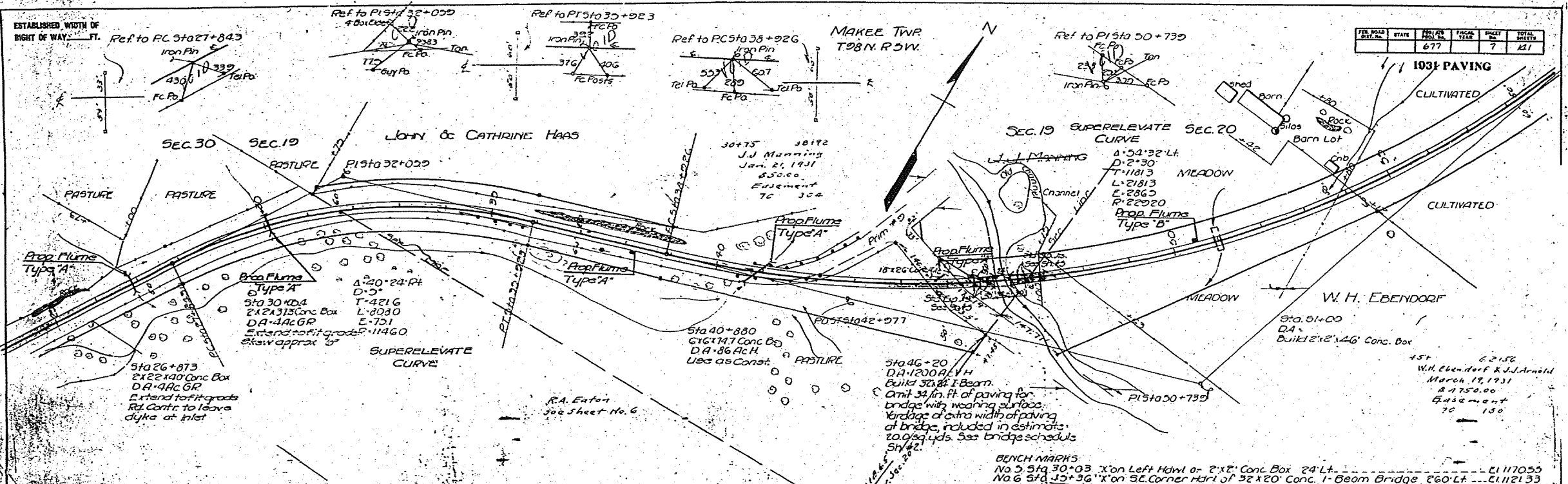


GENERAL NOTES:-
REINFORCEMENT FOR RESURFACING OF BRIDGE FLOOR TO BE PLACED 1" ABOVE OLD SLAB. USE ELECTRIC WELDED WIRE FABRIC WITH RECTANGULAR MESH 6"x6" AND NUMBER 8 (0.162" DIAM) WIRES IN EACH DIRECTION, MINIMUM WEIGHT 30 POUNDS PER 100 SQ. FT. AMERICAN STEEL AND WIRE COMPANY, NO. 88-88 OR EQUIVALENT. LONGITUDINAL JOINTS IN REINFORCEMENT SHALL LAP AT LEAST 6" AND TRANSVERSE JOINTS AT LEAST 12".
APPROACH PAVEMENT SECTION AND NEW WEARING SURFACE TO CONFORM WITH PAVING SPECIFICATIONS USED ON REMAINDER OF WORK.
BID PRICE OF PAVING TO INCLUDE EXTRA THICKNESS AND REINFORCING OF PAVING AND EXPANSION JOINTS AT BRIDGES.

STANDARD DESIGN
SPECIAL BRIDGE DETAILS ON PAVED ROADS
SHOWING
EXPANSION DETAILS AND CONCRETE WEARING SURFACE
IOWA STATE HIGHWAY COMMISSION
JUNE 1929

ESTABLISHED WIDTH OF RIGHT OF WAY - FT.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	TYPICAL YEAR	SHEET NO.	TOTAL SHEETS
677			7		121



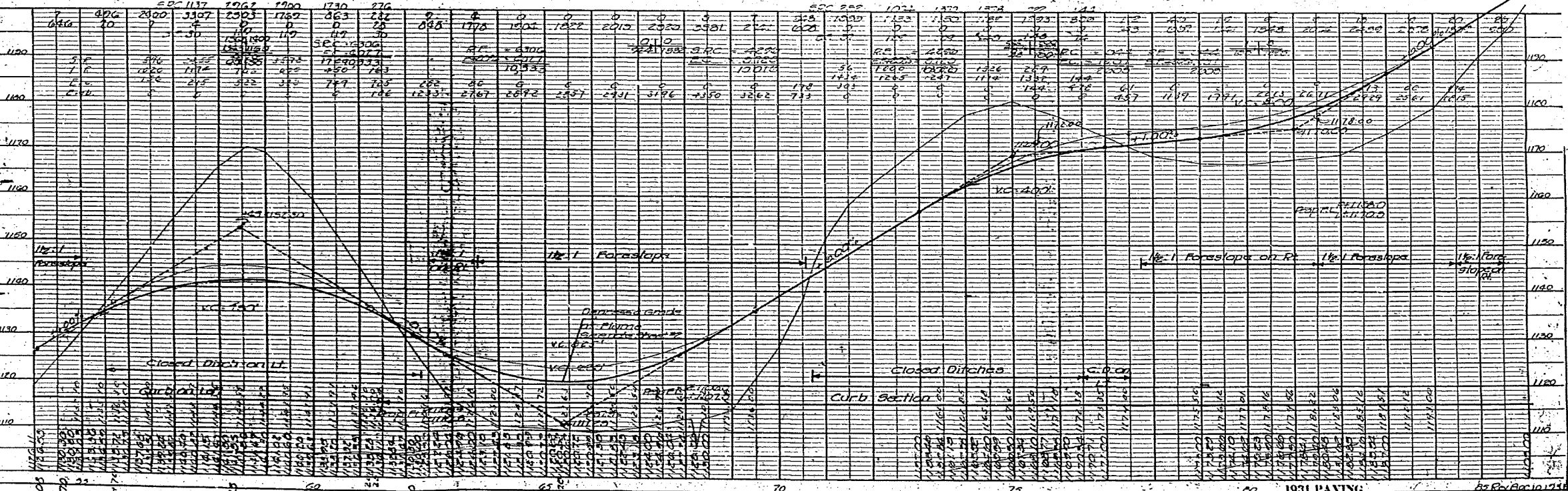
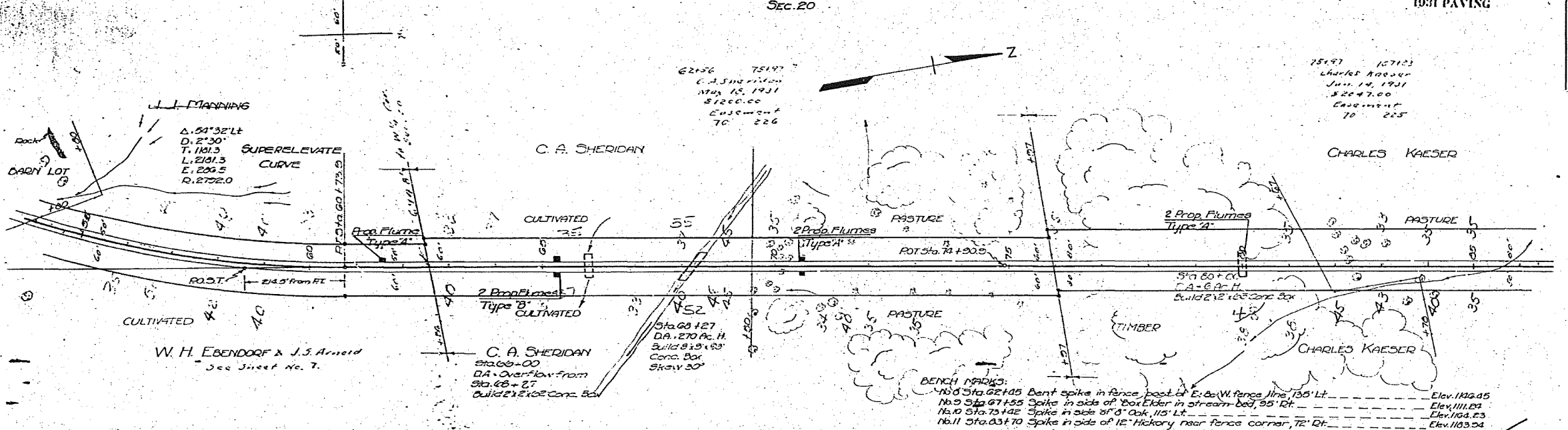
ESTABLISHED WIDTH OF
RIGHT OF WAY _____ FT.

REF. to RT. STA. 60+72.9

MAKE TWP
T. 98 N. R. 5 W.
SEC. 20

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
		677		8	141

1931 PAVING

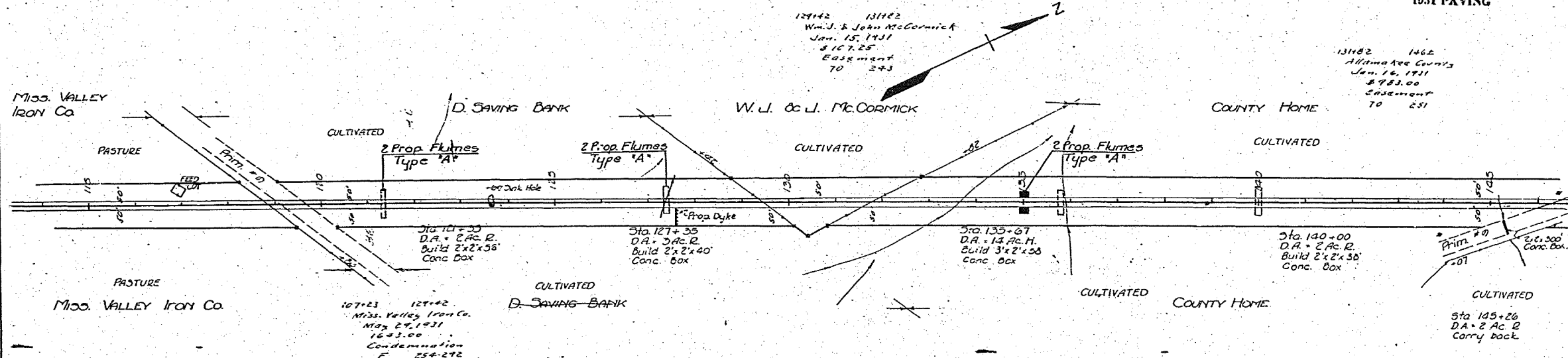


ESTABLISHED WIDTH OF RIGHT OF WAY _____ FT.

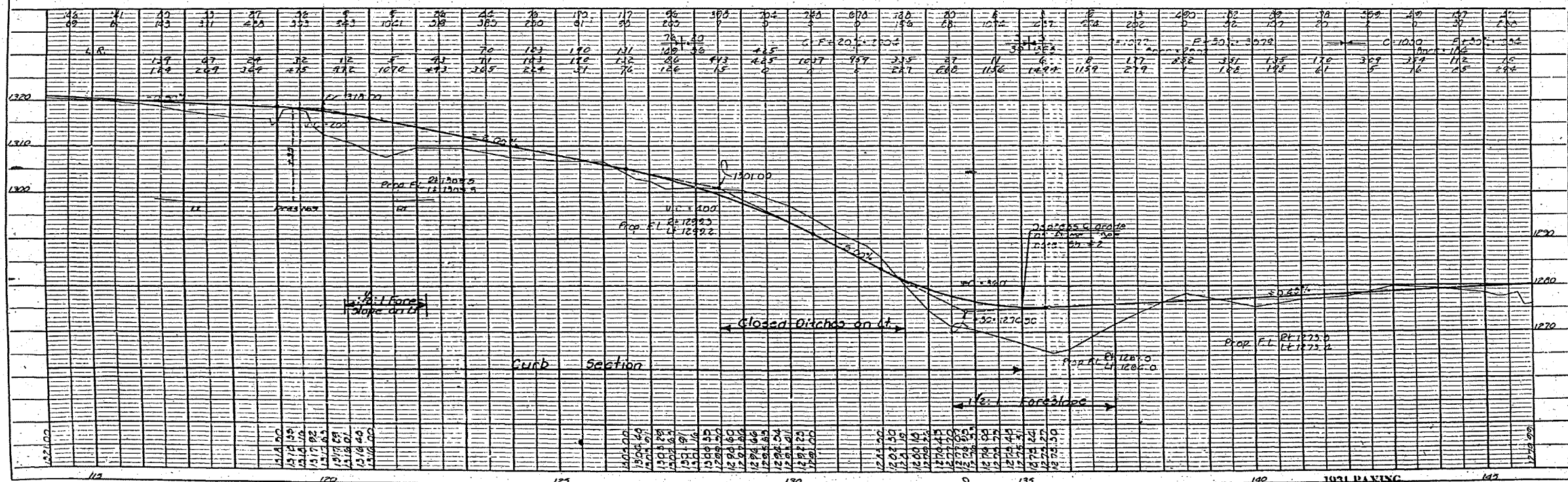
MAKEE TWP
T 98 N. R. 5 W.
SEC. 17

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
677			10	141

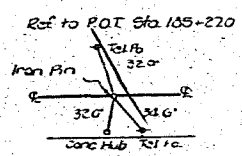
1931 PAVING



Bench Marks:
 * 15 Sta. 120+68. Spike in Telephone Pole "E. 30" 56' BH EL 1313.72
 * 16 Sta. 130+32. Bent Spike in Corner Post 72' BH EL 1300.39
 * 14.4 U.S.S. Bench Mark. 1300' NE of Center of Sec. 17. Iron Post stamped 1320 D.B. EL 1321.05
 * 17 Sta. 140+00 X on W.P. Headwall of 2x2 Conc. Box 27' BH EL 1276.44 1277.22



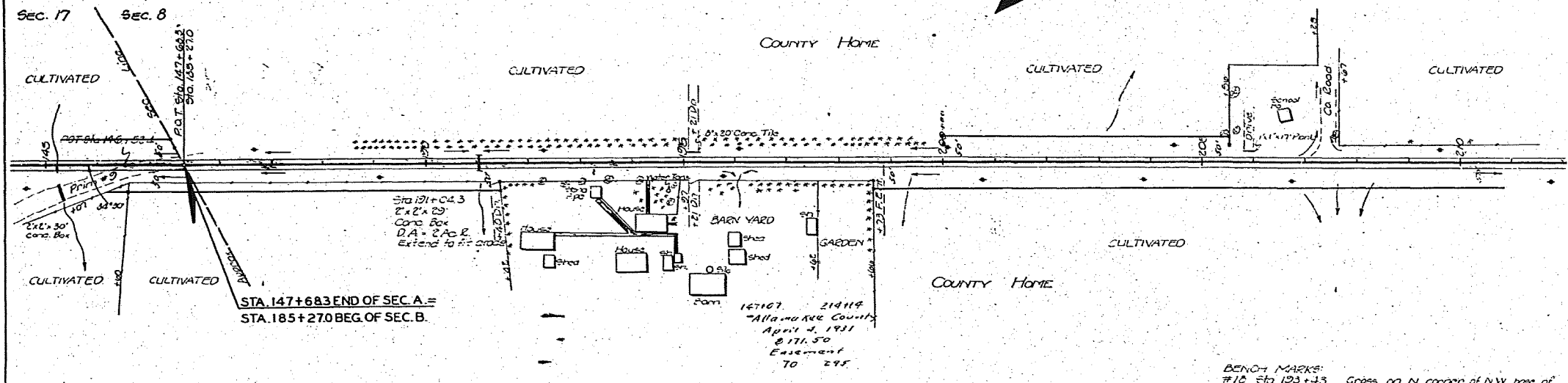
ESTABLISHED WIDTH OF RIGHT OF WAY _____ FT.



MAKEE TWP
T-28-N R-5-W
SEC. 8

FED. ROAD DIST. NO.	STATE	SEC. 404	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	677			11	121

1031 PAVING



STA. 147+683 END OF SEC. A =
STA. 185+270 BEG. OF SEC. B.

127167 214114
"Allamakee County"
April 4, 1931
8,171.50
Easement
TO 295

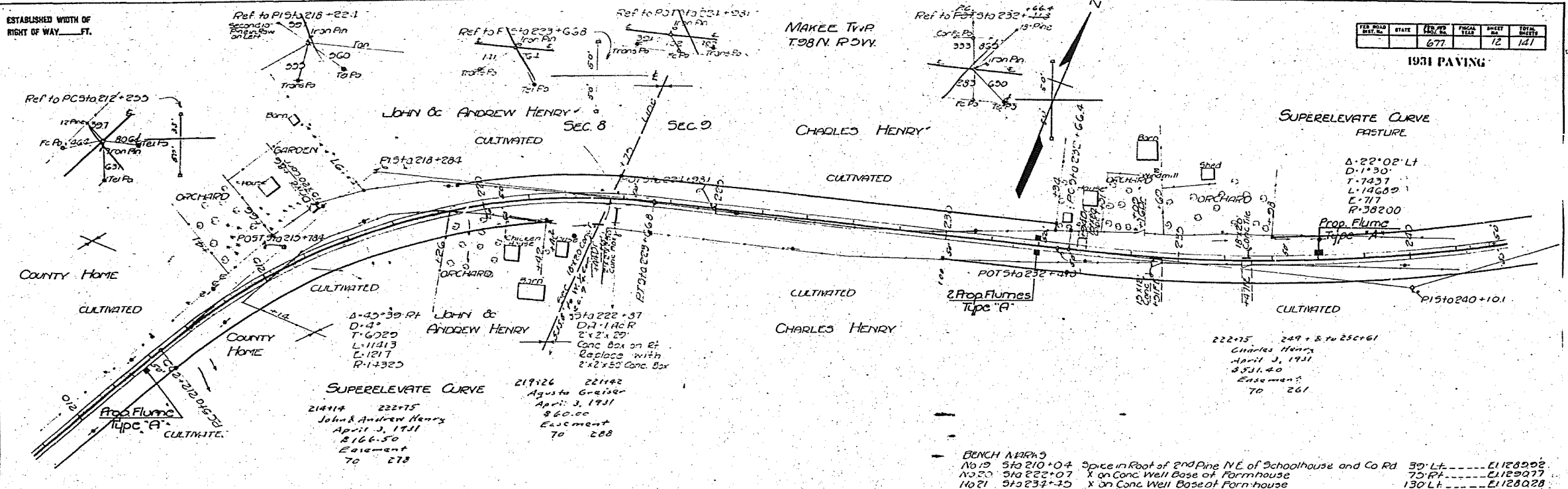
BENCH MARKS:
#10 Sta 193+33 Gross on N corner of NW base of Co. farm 47' E1 1283.76
Sta. 191+04 Water tower on N. corner of Co. farm 47' E1
"x" on N. corner of Co. farm 47' E1

127	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90	93	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147	150	153	156	159	162	165	168	171	174	177	180	183	186	189	192	195	198	201	204	207	210	213	216	219	222	225	228	231	234	237	240	243	246	249	252	255	258	261	264	267	270	273	276	279	282	285	288	291	294	297	300	303	306	309	312	315	318	321	324	327	330	333	336	339	342	345	348	351	354	357	360	363	366	369	372	375	378	381	384	387	390	393	396	399	402	405	408	411	414	417	420	423	426	429	432	435	438	441	444	447	450	453	456	459	462	465	468	471	474	477	480	483	486	489	492	495	498	501	504	507	510	513	516	519	522	525	528	531	534	537	540	543	546	549	552	555	558	561	564	567	570	573	576	579	582	585	588	591	594	597	600	603	606	609	612	615	618	621	624	627	630	633	636	639	642	645	648	651	654	657	660	663	666	669	672	675	678	681	684	687	690	693	696	699	702	705	708	711	714	717	720	723	726	729	732	735	738	741	744	747	750	753	756	759	762	765	768	771	774	777	780	783	786	789	792	795	798	801	804	807	810	813	816	819	822	825	828	831	834	837	840	843	846	849	852	855	858	861	864	867	870	873	876	879	882	885	888	891	894	897	900	903	906	909	912	915	918	921	924	927	930	933	936	939	942	945	948	951	954	957	960	963	966	969	972	975	978	981	984	987	990	993	996	999	1002	1005	1008	1011	1014	1017	1020	1023	1026	1029	1032	1035	1038	1041	1044	1047	1050	1053	1056	1059	1062	1065	1068	1071	1074	1077	1080	1083	1086	1089	1092	1095	1098	1101	1104	1107	1110	1113	1116	1119	1122	1125	1128	1131	1134	1137	1140	1143	1146	1149	1152	1155	1158	1161	1164	1167	1170	1173	1176	1179	1182	1185	1188	1191	1194	1197	1200	1203	1206	1209	1212	1215	1218	1221	1224	1227	1230	1233	1236	1239	1242	1245	1248	1251	1254	1257	1260	1263	1266	1269	1272	1275	1278	1281	1284	1287	1290	1293	1296	1299	1302	1305	1308	1311	1314	1317	1320	1323	1326	1329	1332	1335	1338	1341	1344	1347	1350	1353	1356	1359	1362	1365	1368	1371	1374	1377	1380	1383	1386	1389	1392	1395	1398	1401	1404	1407	1410	1413	1416	1419	1422	1425	1428	1431	1434	1437	1440	1443	1446	1449	1452	1455	1458	1461	1464	1467	1470	1473	1476	1479	1482	1485	1488	1491	1494	1497	1500	1503	1506	1509	1512	1515	1518	1521	1524	1527	1530	1533	1536	1539	1542	1545	1548	1551	1554	1557	1560	1563	1566	1569	1572	1575	1578	1581	1584	1587	1590	1593	1596	1599	1602	1605	1608	1611	1614	1617	1620	1623	1626	1629	1632	1635	1638	1641	1644	1647	1650	1653	1656	1659	1662	1665	1668	1671	1674	1677	1680	1683	1686	1689	1692	1695	1698	1701	1704	1707	1710	1713	1716	1719	1722	1725	1728	1731	1734	1737	1740	1743	1746	1749	1752	1755	1758	1761	1764	1767	1770	1773	1776	1779	1782	1785	1788	1791	1794	1797	1800	1803	1806	1809	1812	1815	1818	1821	1824	1827	1830	1833	1836	1839	1842	1845	1848	1851	1854	1857	1860	1863	1866	1869	1872	1875	1878	1881	1884	1887	1890	1893	1896	1899	1902	1905	1908	1911	1914	1917	1920	1923	1926	1929	1932	1935	1938	1941	1944	1947	1950	1953	1956	1959	1962	1965	1968	1971	1974	1977	1980	1983	1986	1989	1992	1995	1998	2001	2004	2007	2010	2013	2016	2019	2022	2025	2028	2031	2034	2037	2040	2043	2046	2049	2052	2055	2058	2061	2064	2067	2070	2073	2076	2079	2082	2085	2088	2091	2094	2097	2100	2103	2106	2109	2112	2115	2118	2121	2124	2127	2130	2133	2136	2139	2142	2145	2148	2151	2154	2157	2160	2163	2166	2169	2172	2175	2178	2181	2184	2187	2190	2193	2196	2199	2202	2205	2208	2211	2214	2217	2220	2223	2226	2229	2232	2235	2238	2241	2244	2247	2250	2253	2256	2259	2262	2265	2268	2271	2274	2277	2280	2283	2286	2289	2292	2295	2298	2301	2304	2307	2310	2313	2316	2319	2322	2325	2328	2331	2334	2337	2340	2343	2346	2349	2352	2355	2358	2361	2364	2367	2370	2373	2376	2379	2382	2385	2388	2391	2394	2397	2400	2403	2406	2409	2412	2415	2418	2421	2424	2427	2430	2433	2436	2439	2442	2445	2448	2451	2454	2457	2460	2463	2466	2469	2472	2475	2478	2481	2484	2487	2490	2493	2496	2499	2502	2505	2508	2511	2514	2517	2520	2523	2526	2529	2532	2535	2538	2541	2544	2547	2550	2553	2556	2559	2562	2565	2568	2571	2574	2577	2580	2583	2586	2589	2592	2595	2598	2601	2604	2607	2610	2613	2616	2619	2622	2625	2628	2631	2634	2637	2640	2643	2646	2649	2652	2655	2658	2661	2664	2667	2670	2673	2676	2679	2682	2685	2688	2691	2694	2697	2700	2703	2706	2709	2712	2715	2718	2721	2724	2727	2730	2733	2736	2739	2742	2745	2748	2751	2754	2757	2760	2763	2766	2769	2772	2775	2778	2781	2784	2787	2790	2793	2796	2799	2802	2805	2808	2811	2814	2817	2820	2823	2826	2829	2832	2835	2838	2841	2844	2847	2850	2853	2856	2859	2862	2865	2868	2871	2874	2877	2880	2883	2886	2889	2892	2895	2898	2901	2904	2907	2910	2913	2916	2919	2922	2925	2928	2931	2934	2937	2940	2943	2946	2949	2952	2955	2958	2961	2964	2967	2970	2973	2976	2979	2982	2985	2988	2991	2994	2997	3000
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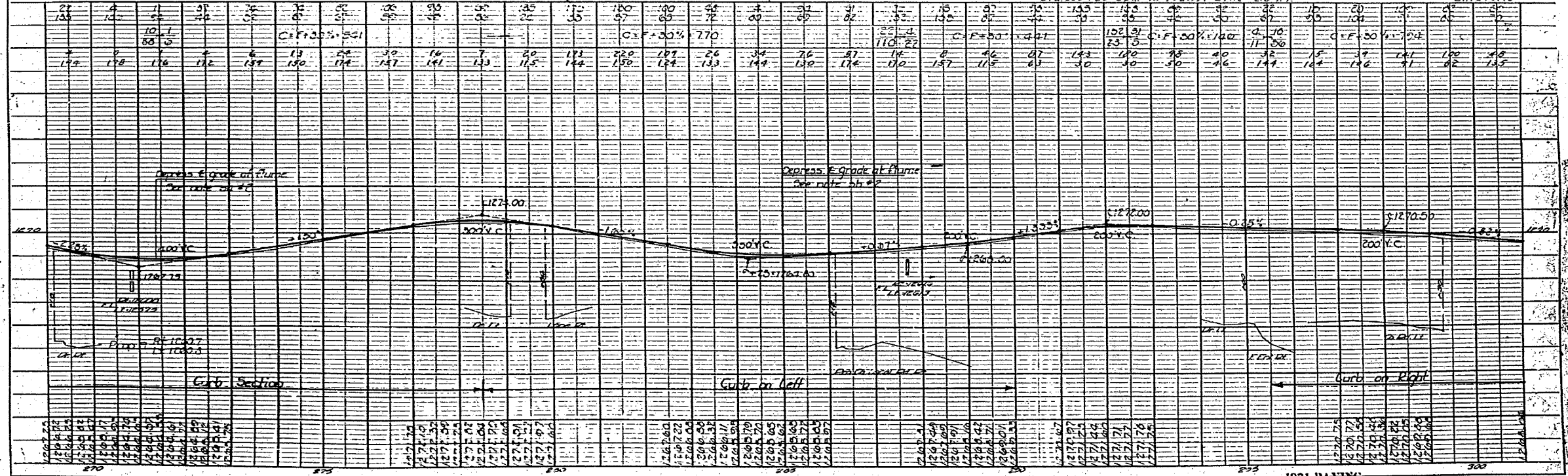
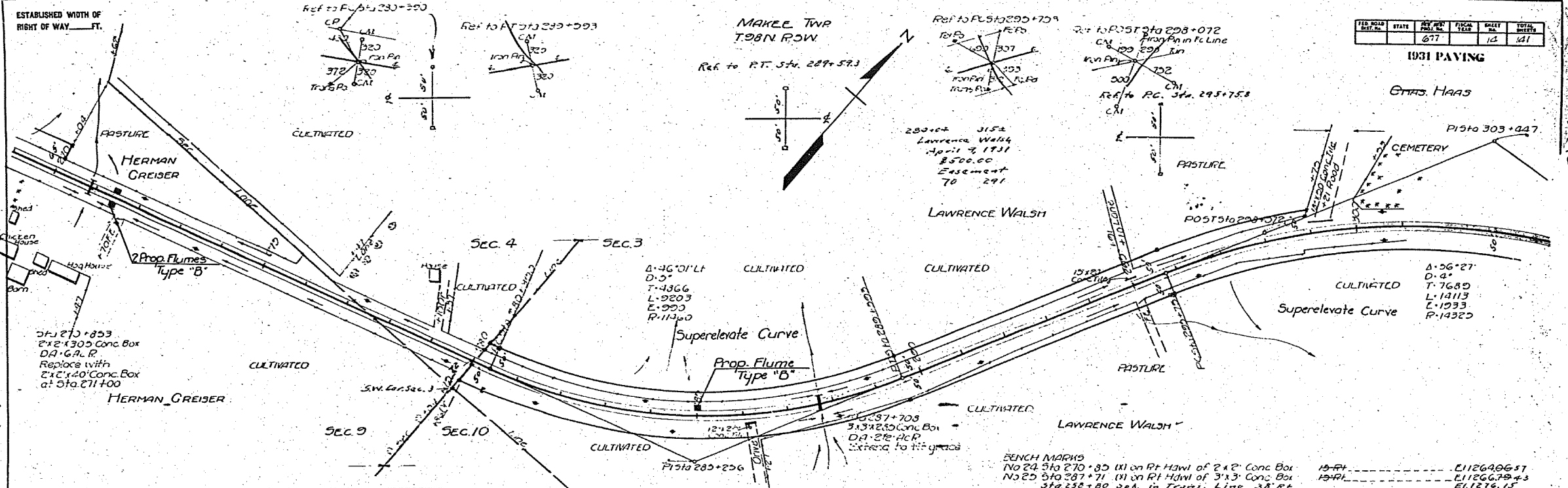
ESTABLISHED WIDTH OF RIGHT OF WAY _____ FT.

FED. ROAD DIST. NO.	STATE	LINE/PC	POSTAL TYP.	SHEET NO.	TOTAL SHEETS
		677		12	121

1931 PAVING



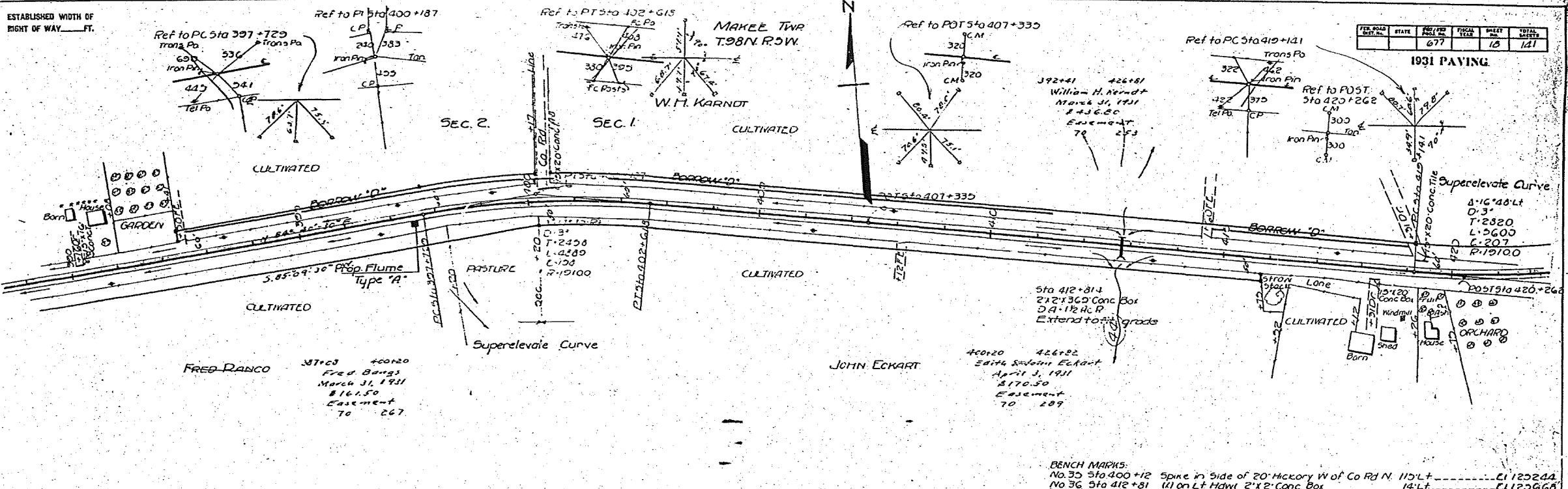
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ESTABLISHED WIDTH OF RIGHT OF WAY _____ FT.

PER. ROAD DIST. FT.	STATE	PER. FEE	PIGAL FEE	SHEET NO.	TOTAL SHEETS
		677		10	121

1931 PAVING



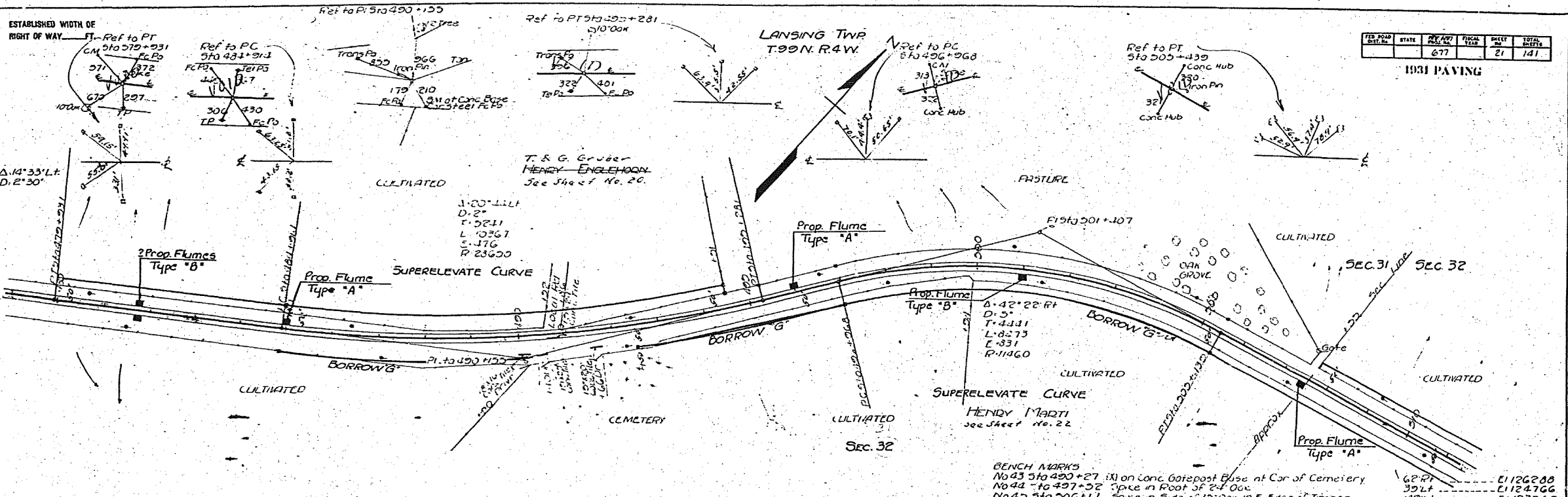
BENCH MARKS:
 No. 35 Sta 400+12 Spike in Side of 20' Hickory W of Co Rd N. 11' 1/2" Lt. E 1125244
 No. 36 Sta 412+81 11' on Lt. Hdwr 2'x2' Conc Box 14' Lt. E 1125266

397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450		
124.15	124.16	124.17	124.18	124.19	124.20	124.21	124.22	124.23	124.24	124.25	124.26	124.27	124.28	124.29	124.30	124.31	124.32	124.33	124.34	124.35	124.36	124.37	124.38	124.39	124.40	124.41	124.42	124.43	124.44	124.45	124.46	124.47	124.48	124.49	124.50	124.51	124.52	124.53	124.54	124.55	124.56	124.57	124.58	124.59	124.60	124.61	124.62	124.63	124.64	124.65	124.66	124.67	124.68	124.69	124.70
124.71	124.72	124.73	124.74	124.75	124.76	124.77	124.78	124.79	124.80	124.81	124.82	124.83	124.84	124.85	124.86	124.87	124.88	124.89	124.90	124.91	124.92	124.93	124.94	124.95	124.96	124.97	124.98	124.99	125.00	125.01	125.02	125.03	125.04	125.05	125.06	125.07	125.08	125.09	125.10	125.11	125.12	125.13	125.14	125.15	125.16	125.17	125.18	125.19	125.20	125.21	125.22	125.23	125.24	125.25	

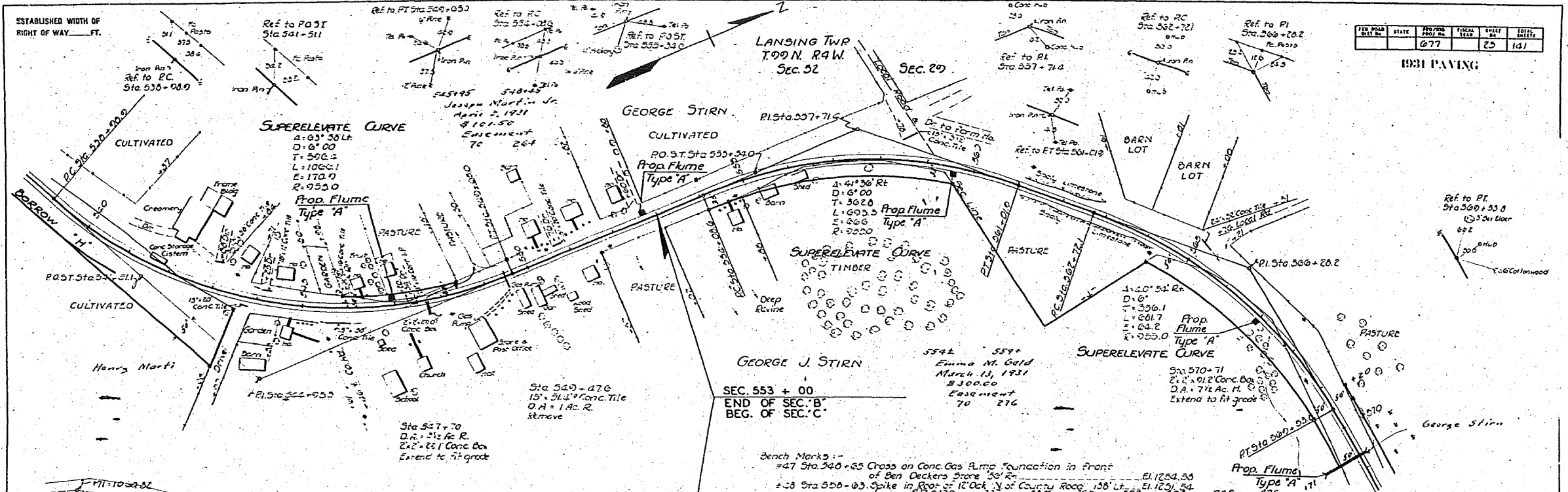
ESTABLISHED WIDTH OF RIGHT OF WAY

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
		677		21	141

1931 PAVING



STATION	1+00	1+10	1+20	1+30	1+40	1+50	1+60	1+70	1+80	1+90	2+00	2+10	2+20	2+30	2+40	2+50	2+60	2+70	2+80	2+90	3+00	3+10	3+20	3+30	3+40	3+50	3+60	3+70	3+80	3+90	4+00	4+10	4+20	4+30	4+40	4+50	4+60	4+70	4+80	4+90	5+00	5+10	5+20	5+30	5+40	5+50	5+60	5+70	5+80	5+90	6+00	6+10	6+20	6+30	6+40	6+50	6+60	6+70	6+80	6+90	7+00	7+10	7+20	7+30	7+40	7+50	7+60	7+70	7+80	7+90	8+00	8+10	8+20	8+30	8+40	8+50	8+60	8+70	8+80	8+90	9+00	9+10	9+20	9+30	9+40	9+50	9+60	9+70	9+80	9+90	10+00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
EL. GROUND	121.5	121.8	122.1	122.4	122.7	123.0	123.3	123.6	123.9	124.2	124.5	124.8	125.1	125.4	125.7	126.0	126.3	126.6	126.9	127.2	127.5	127.8	128.1	128.4	128.7	129.0	129.3	129.6	129.9	130.2	130.5	130.8	131.1	131.4	131.7	132.0	132.3	132.6	132.9	133.2	133.5	133.8	134.1	134.4	134.7	135.0	135.3	135.6	135.9	136.2	136.5	136.8	137.1	137.4	137.7	138.0	138.3	138.6	138.9	139.2	139.5	139.8	140.1	140.4	140.7	141.0	141.3	141.6	141.9	142.2	142.5	142.8	143.1	143.4	143.7	144.0	144.3	144.6	144.9	145.2	145.5	145.8	146.1	146.4	146.7	147.0	147.3	147.6	147.9	148.2	148.5	148.8	149.1	149.4	149.7	150.0	150.3	150.6	150.9	151.2	151.5	151.8	152.1	152.4	152.7	153.0	153.3	153.6	153.9	154.2	154.5	154.8	155.1	155.4	155.7	156.0	156.3	156.6	156.9	157.2	157.5	157.8	158.1	158.4	158.7	159.0	159.3	159.6	159.9	160.2	160.5	160.8	161.1	161.4	161.7	162.0	162.3	162.6	162.9	163.2	163.5	163.8	164.1	164.4	164.7	165.0	165.3	165.6	165.9	166.2	166.5	166.8	167.1	167.4	167.7	168.0	168.3	168.6	168.9	169.2	169.5	169.8	170.1	170.4	170.7	171.0	171.3	171.6	171.9	172.2	172.5	172.8	173.1	173.4	173.7	174.0	174.3	174.6	174.9	175.2	175.5	175.8	176.1	176.4	176.7	177.0	177.3	177.6	177.9	178.2	178.5	178.8	179.1	179.4	179.7	180.0	180.3	180.6	180.9	181.2	181.5	181.8	182.1	182.4	182.7	183.0	183.3	183.6	183.9	184.2	184.5	184.8	185.1	185.4	185.7	186.0	186.3	186.6	186.9	187.2	187.5	187.8	188.1	188.4	188.7	189.0	189.3	189.6	189.9	190.2	190.5	190.8	191.1	191.4	191.7	192.0	192.3	192.6	192.9	193.2	193.5	193.8	194.1	194.4	194.7	195.0	195.3	195.6	195.9	196.2	196.5	196.8	197.1	197.4	197.7	198.0	198.3	198.6	198.9	199.2	199.5	199.8	200.1	200.4	200.7	201.0	201.3	201.6	201.9	202.2	202.5	202.8	203.1	203.4	203.7	204.0	204.3	204.6	204.9	205.2	205.5	205.8	206.1	206.4	206.7	207.0	207.3	207.6	207.9	208.2	208.5	208.8	209.1	209.4	209.7	210.0	210.3	210.6	210.9	211.2	211.5	211.8	212.1	212.4	212.7	213.0	213.3	213.6	213.9	214.2	214.5	214.8	215.1	215.4	215.7	216.0	216.3	216.6	216.9	217.2	217.5	217.8	218.1	218.4	218.7	219.0	219.3	219.6	219.9	220.2	220.5	220.8	221.1	221.4	221.7	222.0	222.3	222.6	222.9	223.2	223.5	223.8	224.1	224.4	224.7	225.0	225.3	225.6	225.9	226.2	226.5	226.8	227.1	227.4	227.7	228.0	228.3	228.6	228.9	229.2	229.5	229.8	230.1	230.4	230.7	231.0	231.3	231.6	231.9	232.2	232.5	232.8	233.1	233.4	233.7	234.0	234.3	234.6	234.9	235.2	235.5	235.8	236.1	236.4	236.7	237.0	237.3	237.6	237.9	238.2	238.5	238.8	239.1	239.4	239.7	240.0	240.3	240.6	240.9	241.2	241.5	241.8	242.1	242.4	242.7	243.0	243.3	243.6	243.9	244.2	244.5	244.8	245.1	245.4	245.7	246.0	246.3	246.6	246.9	247.2	247.5	247.8	248.1	248.4	248.7	249.0	249.3	249.6	249.9	250.2	250.5	250.8	251.1	251.4	251.7	252.0	252.3	252.6	252.9	253.2	253.5	253.8	254.1	254.4	254.7	255.0	255.3	255.6	255.9	256.2	256.5	256.8	257.1	257.4	257.7	258.0	258.3	258.6	258.9	259.2	259.5	259.8	260.1	260.4	260.7	261.0	261.3	261.6	261.9	262.2	262.5	262.8	263.1	263.4	263.7	264.0	264.3	264.6	264.9	265.2	265.5	265.8	266.1	266.4	266.7	267.0	267.3	267.6	267.9	268.2	268.5	268.8	269.1	269.4	269.7	270.0	270.3	270.6	270.9	271.2	271.5	271.8	272.1	272.4	272.7	273.0	273.3	273.6	273.9	274.2	274.5	274.8	275.1	275.4	275.7	276.0	276.3	276.6	276.9	277.2	277.5	277.8	278.1	278.4	278.7	279.0	279.3	279.6	279.9	280.2	280.5	280.8	281.1	281.4	281.7	282.0	282.3	282.6	282.9	283.2	283.5	283.8	284.1	284.4	284.7	285.0	285.3	285.6	285.9	286.2	286.5	286.8	287.1	287.4	287.7	288.0	288.3	288.6	288.9	289.2	289.5	289.8	290.1	290.4	290.7	291.0	291.3	291.6	291.9	292.2	292.5	292.8	293.1	293.4	293.7	294.0	294.3	294.6	294.9	295.2	295.5	295.8	296.1	296.4	296.7	297.0	297.3	297.6	297.9	298.2	298.5	298.8	299.1	299.4	299.7	300.0
EL. PAVEMENT	121.5	121.8	122.1	122.4	122.7	123.0	123.3	123.6	123.9	124.2	124.5	124.8	125.1	125.4	125.7	126.0	126.3	126.6	126.9	127.2	127.5	127.8	128.1	128.4	128.7	129.0	129.3	129.6	129.9	130.2	130.5	130.8	131.1	131.4	131.7	132.0	132.3	132.6	132.9	133.2	133.5	133.8	134.1	134.4	134.7	135.0	135.3	135.6	135.9	136.2	136.5	136.8	137.1	137.4	137.7	138.0	138.3	138.6	138.9	139.2	139.5	139.8	140.1	140.4	140.7	141.0	141.3	141.6	141.9	142.2	142.5	142.8	143.1	143.4	143.7	144.0	144.3	144.6	144.9	145.2	145.5	145.8	146.1	146.4	146.7	147.0	147.3	147.6	147.9	148.2	148.5	148.8	149.1	149.4	149.7	150.0	150.3	150.6	150.9	151.2	151.5	151.8	152.1	152.4	152.7	153.0	153.3	153.6	153.9	154.2	154.5	154.8	155.1	155.4	155.7	156.0	156.3	156.6	156.9	157.2	157.5	157.8	158.1	158.4	158.7	159.0	159.3	159.6	159.9	160.2	160.5	160.8	161.1	161.4	161.7	162.0	162.3	162.6	162.9	163.2	163.5	163.8	164.1	164.4	164.7	165.0	165.3	165.6	165.9	166.2	166.5	166.8	167.1	167.4	167.7	168.0	168.3	168.6	168.9	169.2	169.5	169.8	170.1	170.4	170.7	171.0	171.3	171.6	171.9	172.2	172.5	172.8	173.1	173.4	173.7	174.0	174.3	174.6	174.9	175.2	175.5	175.8	176.1	176.4	176.7	177.0	177.3	177.6	177.9	178.2	178.5	178.8	179.1	179.4	179.7	180.0	180.3	180.6	180.9	181.2	181.5	181.8	182.1	182.4	182.7	183.0	183.3	183.6	183.9	184.2	184.5	184.8	185.1	185.4	185.7	186.0	186.3	186.6	186.9	187.2	187.5	187.8	188.1	188.4	188.7	189.0	189.3	189.6	189.9	190.2	190.5	190.8	191.1	191.4	191.7	192.0	192.3	192.6	192.9	193.2	193.5	193.8	194.1	194.4	194.7	195.0	195.3	195.6	195.9	196.2	196.5	196.8	197.1	197.4	197.7	198.0	198.3	198.6	198.9	199.2	199.5	199.8	200.1	200.4	200.7	201.0	201.3	201.6	201.9	202.2	202.5	202.8	203.1	203.4	203.7	204.0	204.3	204.6	204.9	205.2	205.5	205.8	206.1	206.4	206.7	207.0	207.3	207.6	207.9	208.2	208.5	208.8	209.1	209.4	209.7	210.0	210.3	210.6	210.9	211.2	211.5	211.8	212.1	212.4	212.7	213.0	213.3	213.6	213.9	214.2	214.5	214.8	215.1	215.4	215.7	216.0	216.3	216.6	216.9	217.2	217.5	217.8	218.1	218.4	218.7	219.0	219.3	219.6	219.9	220.2	220.5	220.8	221.1	221.4	221.7	222.0	222.3	222.6	222.9	223.2	223.5	223.8	224.1	224.4	224.7	225.0	225.3	225.6	225.9	226.2	226.5	226.8	227.1	227.4	227.7	228.0	228.3	228.6	228.9	229.2	229.5	229.8	230.1	230.4	230.7	231.0	231.3	231.6	231.9	232.2	232.5	232.8	233.1	233.4	233.7	234.0	234.3	234.6	234.9	235.2	235.5	235.8	236.1	236.4	236.7	237.0	237.3	237.6	237.9	238.2	238.5	238.8	239.1	239.4	239.7	240.0	240.3	240.6	240.9	241.2	24																																																																																																																																																																																																			

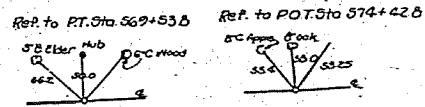


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
677				25	151

1931 PAVING

Station	1250	1240	1230	1220	1210	1200	1190	1180	1170
1250									
1240									
1230									
1220									
1210									
1200									
1190									
1180									
1170									

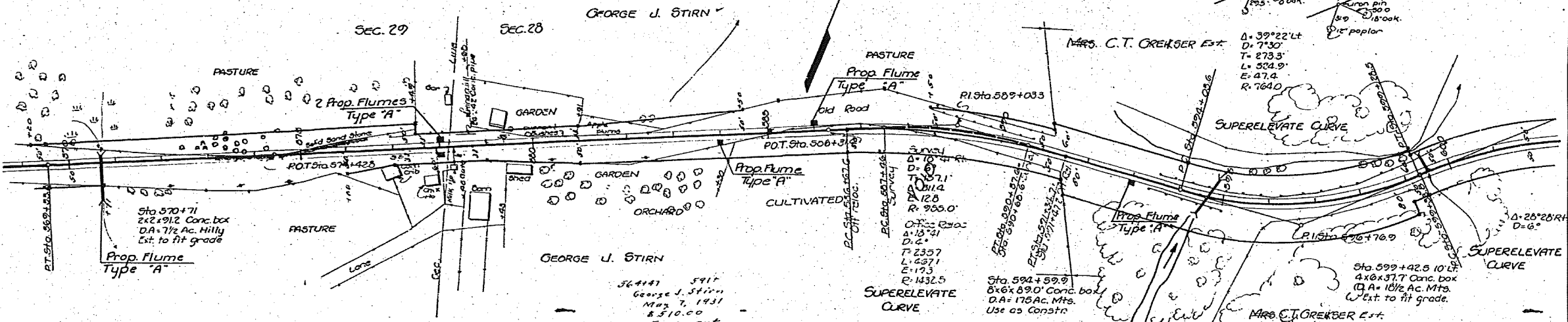
ESTABLISHED WIDTH OF RIGHT OF WAY FT.



LANING TWP
T.99N.R.4W

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	077		2d	141	

1951 PAVING



BENCH MARKS:

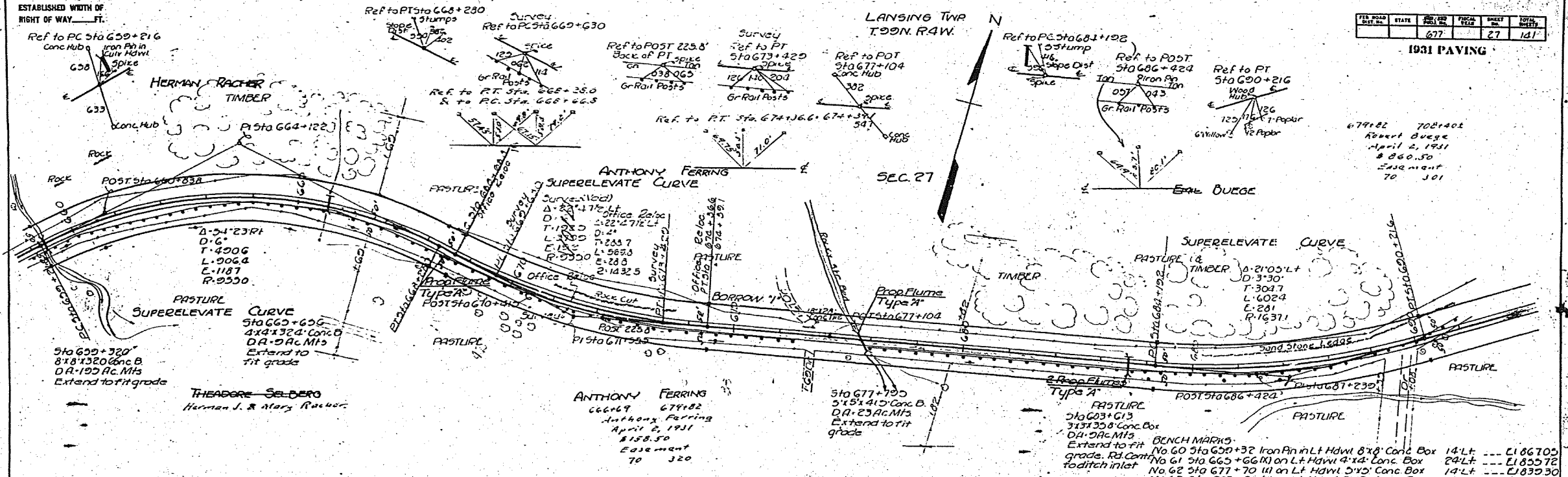
- No. 49 Sta. 570+74 Dent spike in side of 8" hickory lt. of culv. 91' Lt. ----- EL 1182.39
- No. 50 Sta. 578+90 Cross on conc well base of farm house 85' Lt. ----- EL 1125.07
- No. 51 Sta. 584+86 Spike in 4" oak near tel. pole #6 83' Lt. ----- EL 1024.92
- No. 52 Sta. 595+21 Spike in root of 10" oak east of culv. 59' Lt. ----- EL 1020.70
- No. 53 Sta. 599+26 Cross on Pt. front of 4" conc. box 10' Lt. ----- EL 1009.26

1180	1170	1160	1150	1140	1130	1120	1110	1100	1090	1080	1070	1060	1050	1040	1030	1020	1010	1000
570	575	580	585	590	595	600												

ESTABLISHED WIDTH OF RIGHT OF WAY _____ FT.

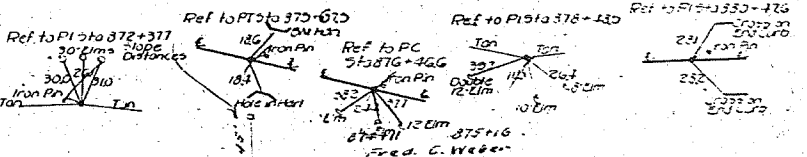
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
		677		27	141

1931 PAVING



Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
800	1.24	1.33	1.42	1.51	1.60	1.69	1.78	1.87	1.96	2.05	2.14	2.23	2.32	2.41	2.50	2.59	2.68	2.77	2.86	2.95	3.04	3.13	3.22	3.31	3.40	3.49	3.58	3.67	3.76	3.85	3.94	4.03	4.12	4.21	4.30	4.39	4.48	4.57	4.66	4.75	4.84	4.93	5.02	5.11	5.20	5.29	5.38	5.47	5.56	5.65	5.74	5.83	5.92	6.01	6.10	6.19	6.28	6.37	6.46	6.55	6.64	6.73	6.82	6.91	7.00	7.09	7.18	7.27	7.36	7.45	7.54	7.63	7.72	7.81	7.90	7.99	8.08	8.17	8.26	8.35	8.44	8.53	8.62	8.71	8.80	8.89	8.98	9.07	9.16	9.25	9.34	9.43	9.52	9.61	9.70	9.79	9.88	9.97	10.06	10.15	10.24	10.33	10.42	10.51	10.60	10.69	10.78	10.87	10.96	11.05	11.14	11.23	11.32	11.41	11.50	11.59	11.68	11.77	11.86	11.95	12.04	12.13	12.22	12.31	12.40	12.49	12.58	12.67	12.76	12.85	12.94	13.03	13.12	13.21	13.30	13.39	13.48	13.57	13.66	13.75	13.84	13.93	14.02	14.11	14.20	14.29	14.38	14.47	14.56	14.65	14.74	14.83	14.92	15.01	15.10	15.19	15.28	15.37	15.46	15.55	15.64	15.73	15.82	15.91	16.00	16.09	16.18	16.27	16.36	16.45	16.54	16.63	16.72	16.81	16.90	16.99	17.08	17.17	17.26	17.35	17.44	17.53	17.62	17.71	17.80	17.89	17.98	18.07	18.16	18.25	18.34	18.43	18.52	18.61	18.70	18.79	18.88	18.97	19.06	19.15	19.24	19.33	19.42	19.51	19.60	19.69	19.78	19.87	19.96	20.05	20.14	20.23	20.32	20.41	20.50	20.59	20.68	20.77	20.86	20.95	21.04	21.13	21.22	21.31	21.40	21.49	21.58	21.67	21.76	21.85	21.94	22.03	22.12	22.21	22.30	22.39	22.48	22.57	22.66	22.75	22.84	22.93	23.02	23.11	23.20	23.29	23.38	23.47	23.56	23.65	23.74	23.83	23.92	24.01	24.10	24.19	24.28	24.37	24.46	24.55	24.64	24.73	24.82	24.91	25.00	25.09	25.18	25.27	25.36	25.45	25.54	25.63	25.72	25.81	25.90	25.99	26.08	26.17	26.26	26.35	26.44	26.53	26.62	26.71	26.80	26.89	26.98	27.07	27.16	27.25	27.34	27.43	27.52	27.61	27.70	27.79	27.88	27.97	28.06	28.15	28.24	28.33	28.42	28.51	28.60	28.69	28.78	28.87	28.96	29.05	29.14	29.23	29.32	29.41	29.50	29.59	29.68	29.77	29.86	29.95	30.04	30.13	30.22	30.31	30.40	30.49	30.58	30.67	30.76	30.85	30.94	31.03	31.12	31.21	31.30	31.39	31.48	31.57	31.66	31.75	31.84	31.93	32.02	32.11	32.20	32.29	32.38	32.47	32.56	32.65	32.74	32.83	32.92	33.01	33.10	33.19	33.28	33.37	33.46	33.55	33.64	33.73	33.82	33.91	34.00	34.09	34.18	34.27	34.36	34.45	34.54	34.63	34.72	34.81	34.90	34.99	35.08	35.17	35.26	35.35	35.44	35.53	35.62	35.71	35.80	35.89	35.98	36.07	36.16	36.25	36.34	36.43	36.52	36.61	36.70	36.79	36.88	36.97	37.06	37.15	37.24	37.33	37.42	37.51	37.60	37.69	37.78	37.87	37.96	38.05	38.14	38.23	38.32	38.41	38.50	38.59	38.68	38.77	38.86	38.95	39.04	39.13	39.22	39.31	39.40	39.49	39.58	39.67	39.76	39.85	39.94	40.03	40.12	40.21	40.30	40.39	40.48	40.57	40.66	40.75	40.84	40.93	41.02	41.11	41.20	41.29	41.38	41.47	41.56	41.65	41.74	41.83	41.92	42.01	42.10	42.19	42.28	42.37	42.46	42.55	42.64	42.73	42.82	42.91	43.00	43.09	43.18	43.27	43.36	43.45	43.54	43.63	43.72	43.81	43.90	43.99	44.08	44.17	44.26	44.35	44.44	44.53	44.62	44.71	44.80	44.89	44.98	45.07	45.16	45.25	45.34	45.43	45.52	45.61	45.70	45.79	45.88	45.97	46.06	46.15	46.24	46.33	46.42	46.51	46.60	46.69	46.78	46.87	46.96	47.05	47.14	47.23	47.32	47.41	47.50	47.59	47.68	47.77	47.86	47.95	48.04	48.13	48.22	48.31	48.40	48.49	48.58	48.67	48.76	48.85	48.94	49.03	49.12	49.21	49.30	49.39	49.48	49.57	49.66	49.75	49.84	49.93	50.02	50.11	50.20	50.29	50.38	50.47	50.56	50.65	50.74	50.83	50.92	51.01	51.10	51.19	51.28	51.37	51.46	51.55	51.64	51.73	51.82	51.91	52.00	52.09	52.18	52.27	52.36	52.45	52.54	52.63	52.72	52.81	52.90	52.99	53.08	53.17	53.26	53.35	53.44	53.53	53.62	53.71	53.80	53.89	53.98	54.07	54.16	54.25	54.34	54.43	54.52	54.61	54.70	54.79	54.88	54.97	55.06	55.15	55.24	55.33	55.42	55.51	55.60	55.69	55.78	55.87	55.96	56.05	56.14	56.23	56.32	56.41	56.50	56.59	56.68	56.77	56.86	56.95	57.04	57.13	57.22	57.31	57.40	57.49	57.58	57.67	57.76	57.85	57.94	58.03	58.12	58.21	58.30	58.39	58.48	58.57	58.66	58.75	58.84	58.93	59.02	59.11	59.20	59.29	59.38	59.47	59.56	59.65	59.74	59.83	59.92	60.01	60.10	60.19	60.28	60.37	60.46	60.55	60.64	60.73	60.82	60.91	61.00	61.09	61.18	61.27	61.36	61.45	61.54	61.63	61.72	61.81	61.90	61.99	62.08	62.17	62.26	62.35	62.44	62.53	62.62	62.71	62.80	62.89	62.98	63.07	63.16	63.25	63.34	63.43	63.52	63.61	63.70	63.79	63.88	63.97	64.06	64.15	64.24	64.33	64.42	64.51	64.60	64.69	64.78	64.87	64.96	65.05	65.14	65.23	65.32	65.41	65.50	65.59	65.68	65.77	65.86	65.95	66.04	66.13	66.22	66.31	66.40	66.49	66.58	66.67	66.76	66.85	66.94	67.03	67.12	67.21	67.30	67.39	67.48	67.57	67.66	67.75	67.84	67.93	68.02	68.11	68.20	68.29	68.38	68.47	68.56	68.65	68.74	68.83	68.92	69.01	69.10	69.19	69.28	69.37	69.46	69.55	69.64	69.73	69.82	69.91	70.00

ESTABLISHED WIDTH OF RIGHT OF WAY FT.

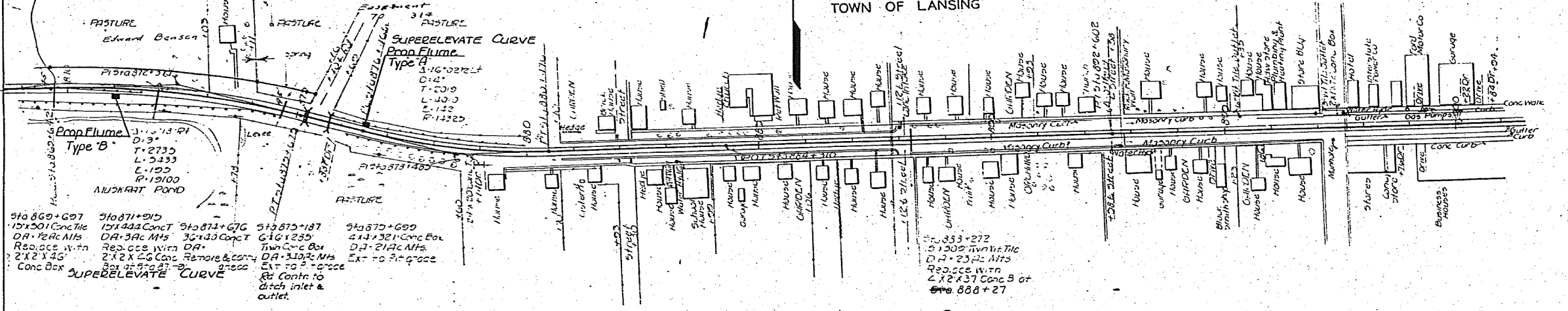


LANSING TWP
T99N R3W
SEC 29

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	677			34	121

1931 PAVING

TOWN OF LANSING



5+869+697 5+871+915
15'x20' Conc. Box
DA-12'x4' Mts
Replaces with
2'x2'x4' Conc. Box

5+871+915
15'x40' Conc. Box
DA-3'x4' Mts
Replaces with
2'x2'x4' Conc. Box

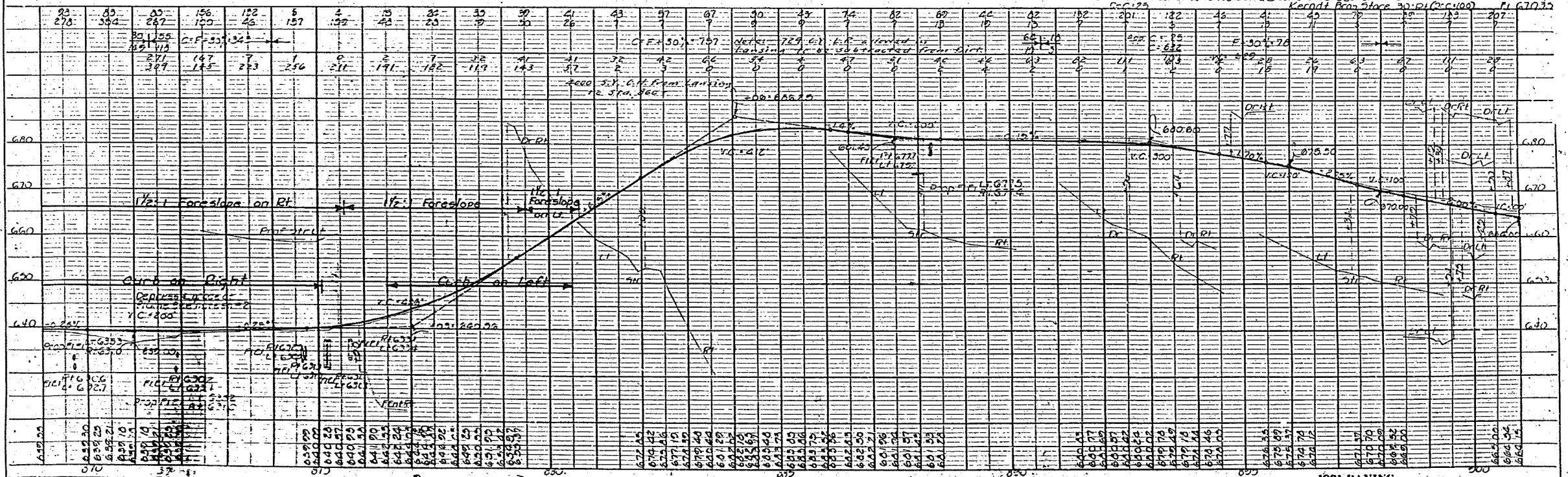
5+871+915
15'x40' Conc. Box
DA-3'x4' Mts
Replaces with
2'x2'x4' Conc. Box

5+875+187
3'x10' Conc. Box
Twin Conc. Box
DA-3'x4' Mts
Ext to 3'x4' grade

5+875+699
2'x2'x4' Conc. Box
DA-2'x4' Mts
Ext to 3'x4' grade

5+888+27
2'x2'x4' Conc. Box
DA-2'x4' Mts
Ext to 3'x4' grade

BEACH MARKS
1030 5+875+13 W/10' Lt. Hd. of Twin 6'x6' Conc. Box M.H.T. E1 64435
1081 5+877+36 W/10' on Cor. of Conc. Retaining Wall at NW Cor. of St. Intersection 39' Lt. E1 64449
1082 5+897+61 W/10' on Cor. of Conc. Walk at S.E. Cor. of Intersection near Kerndt Proj. Stage 30' P. (P.C. 100) E1 67135



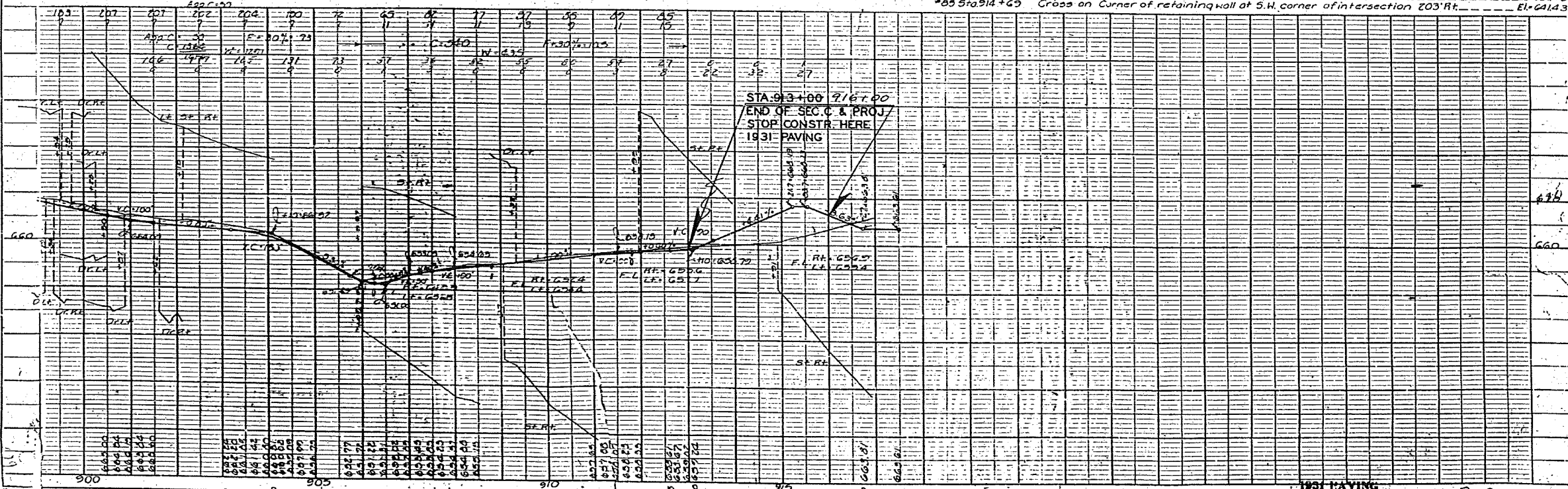
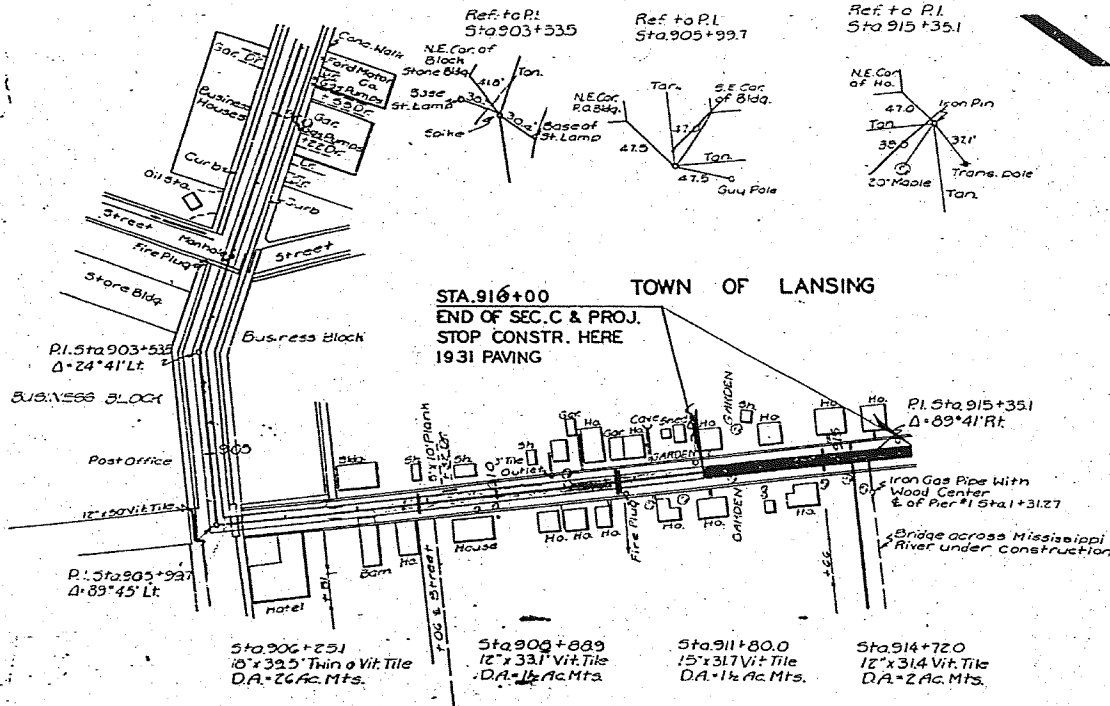
1931 PAVING

ESTABLISHED WIDTH OF
RIGHT OF WAY _____ FT.

LANSING TWP
T. 99N. R. 3W.
SEC. 29

FED. ROAD DIST. NO.	STATE	NO. OF MILES	LOCALITY	SHEET NO.	TOTAL SHEETS
		677		35	141

1931 PAVING



1931 PAVING