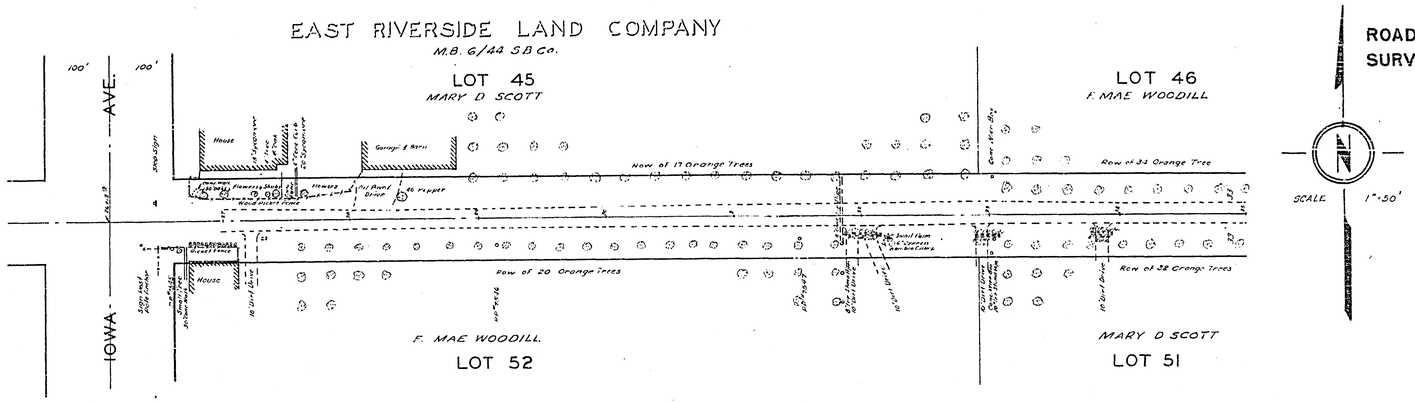
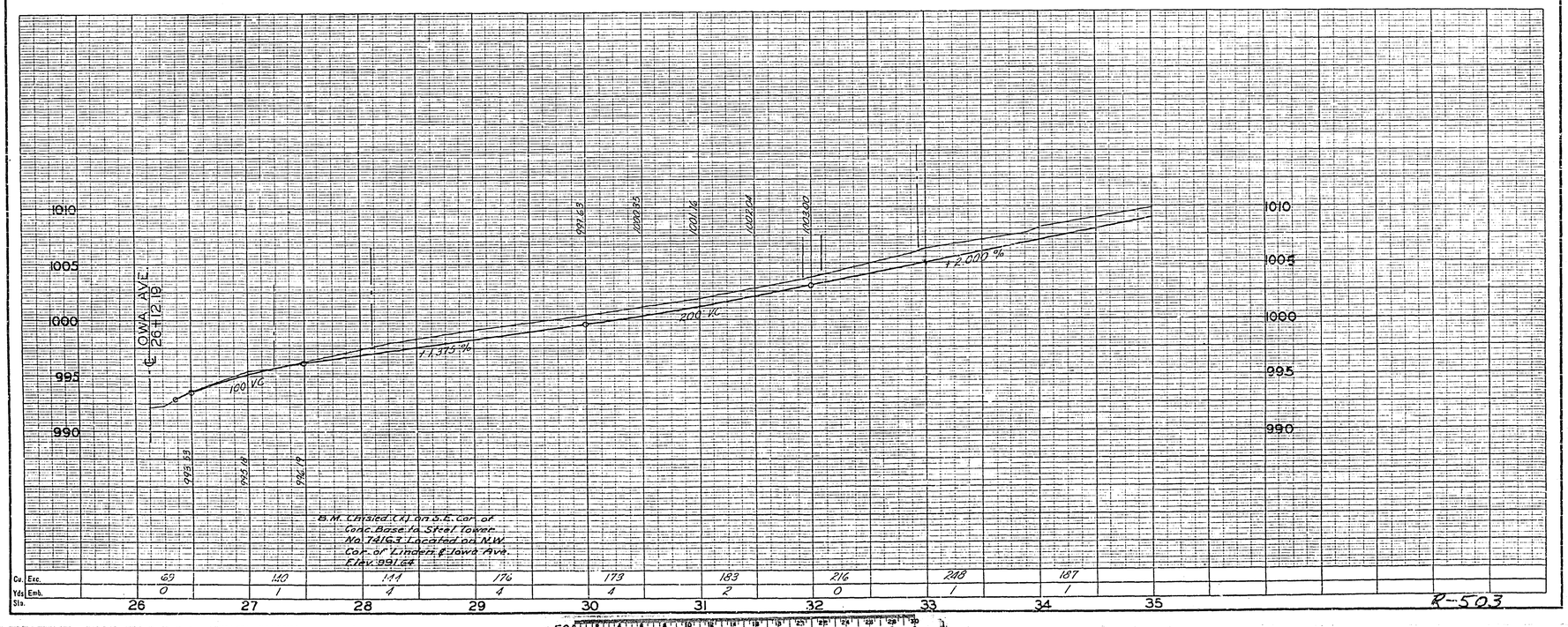
FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
2	CAL.				

LINDEN STREET

ROAD NO. 3042 WORK ORDER

SURVEY NO. 2200 FIELD BOOK 687





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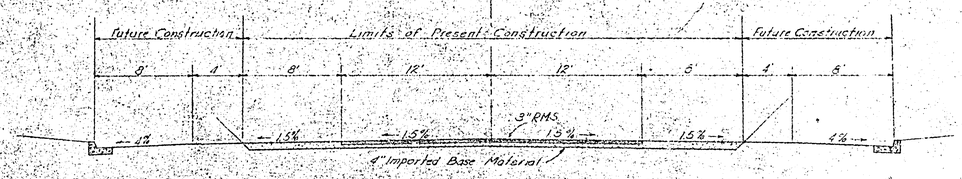
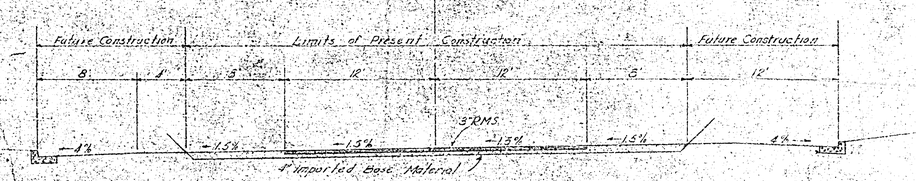


SECTION NO. 1

TYPICAL SECTION LIMITS	
STATION TO STATION	SECTION NO
26+12.19 to 34+00	1
34+00 to 39+00	2
39+00 to 44+00	1
44+00 to 50+00	2
50+00 to End Proj	1

PROPOSED JOB
NEVER BILT EXCEPT
BOX CULV AT CANAL



SECTION NO. 2

RECEIVED
AUG 25 1961
DEPT OF PUBLIC WORKS

LINDEN STREET
TYPICAL CROSS SECTIONS

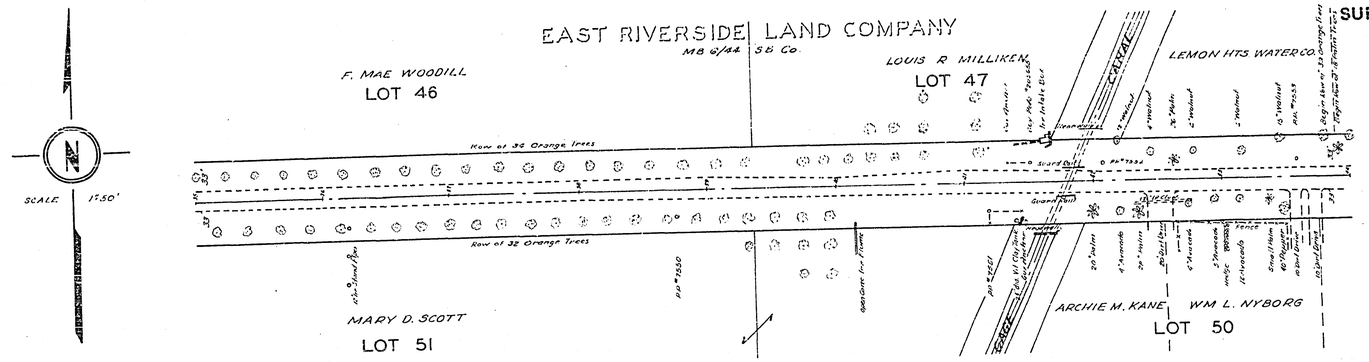
R-503

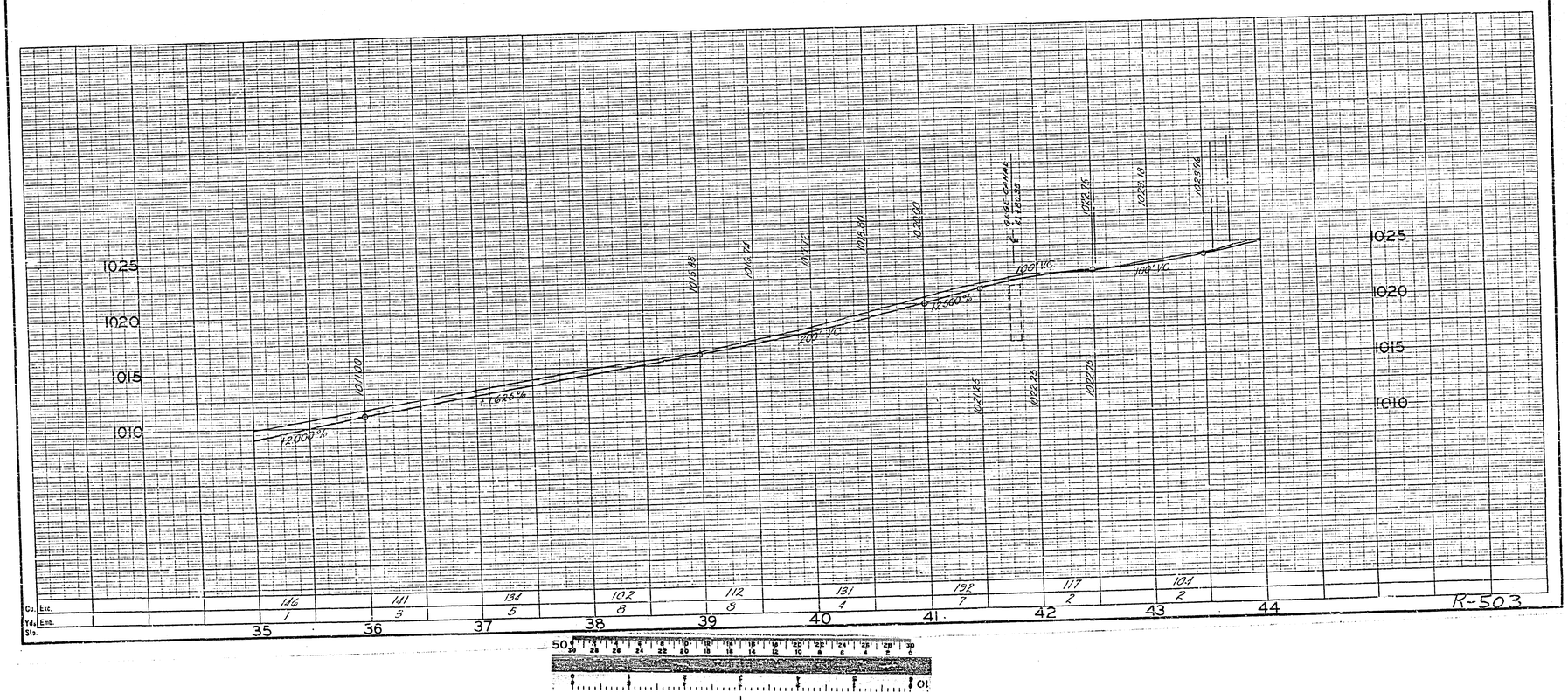
R-503

LINDEN STREET

ROAD NO. 3042 WORK ORDER

SURVEY NO. 2193 FIELD BOOK 687



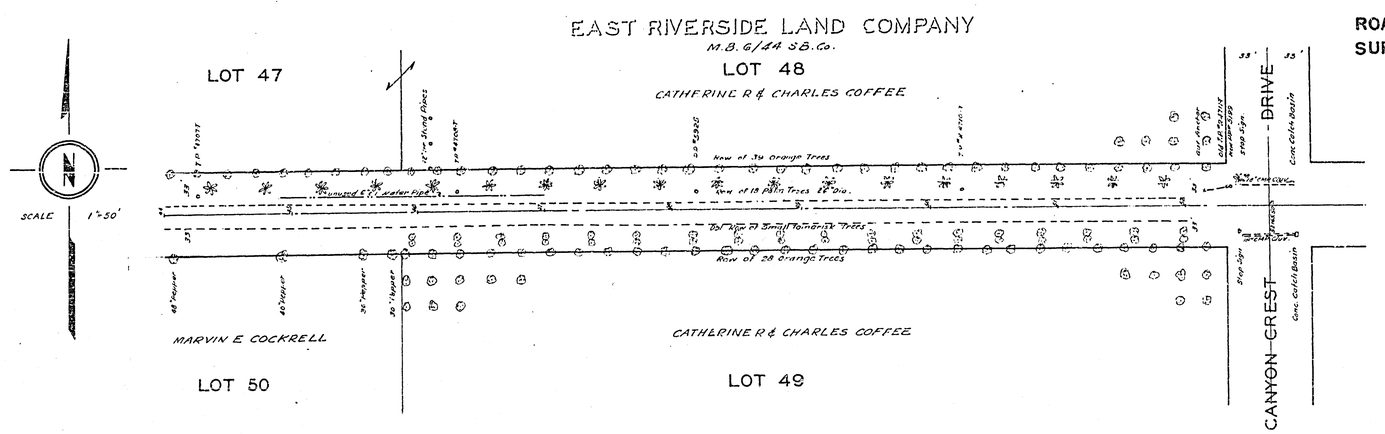


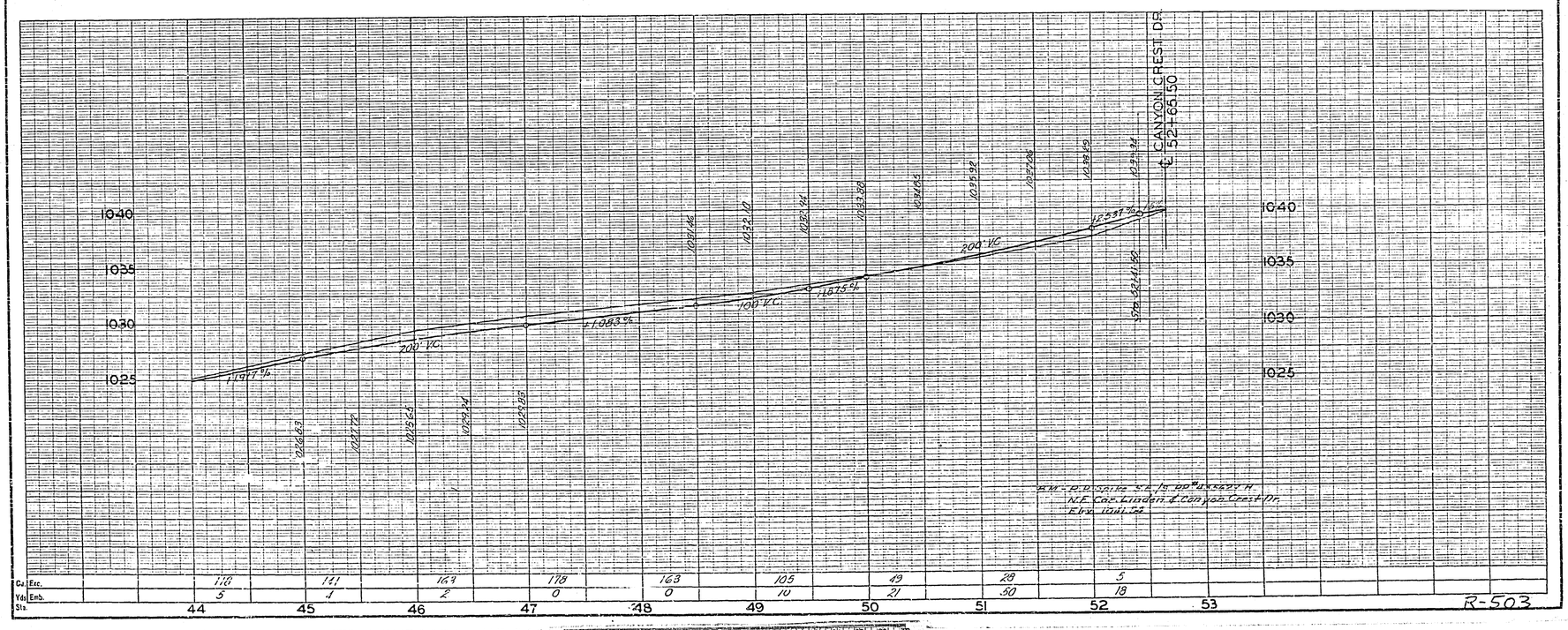
R-503

FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
2	CAL.				

LINDEN STREET

ROAD NO. 3042 WORK ORDER 468
SURVEY NO. 2200 FIELD BOOK 687





R-503

FED. AID DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
2	CAL.				

LINDEN STREET

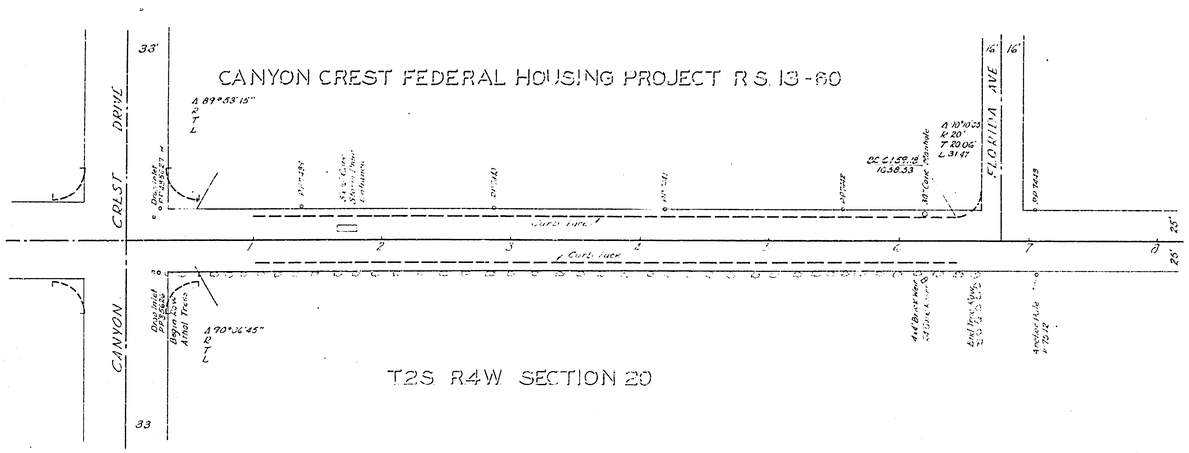
ROAD NO. 3042-? WORK ORDER NO. _____

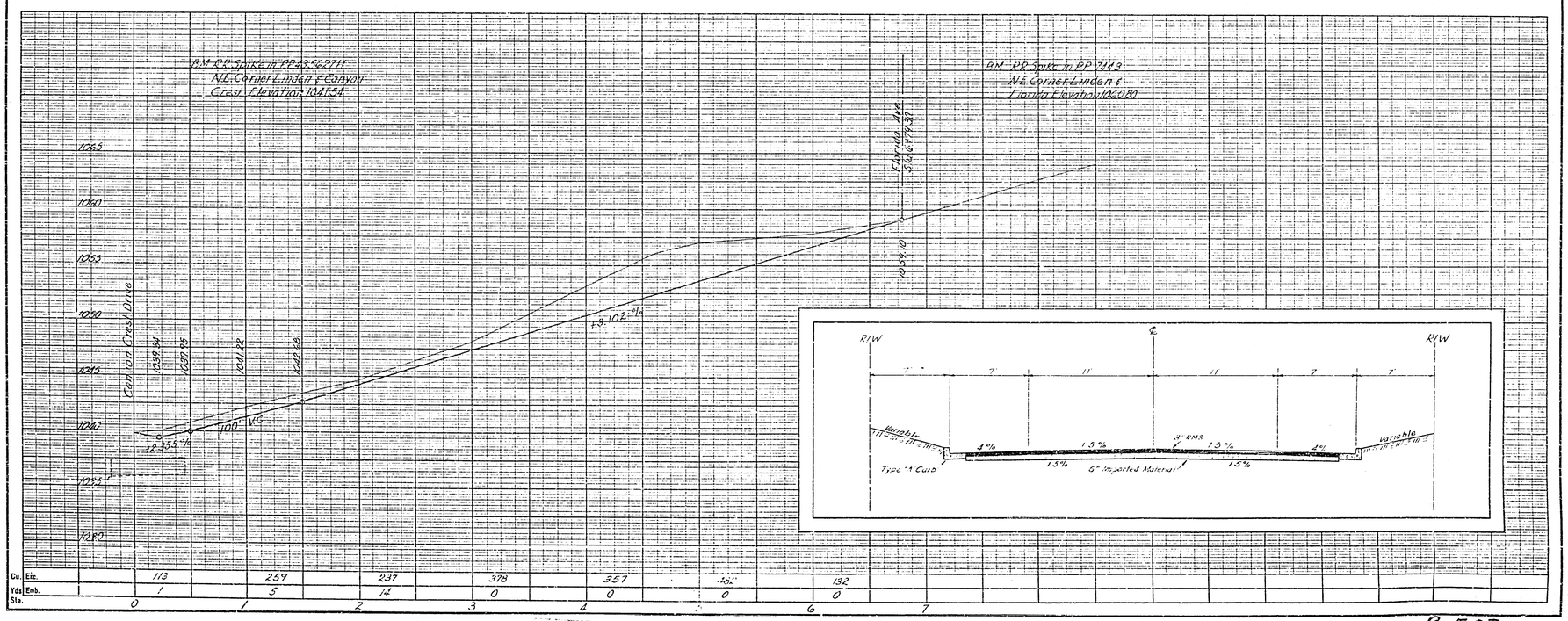
SURVEY NO. _____ FIELD BOOK NO. 699

A.C. Keith, County Surveyor and Road Commissioner

Riverside County

January, 1955





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STANDARD SOIL SURVEY SHEET

Cont. No. ____ Date ____ Contractor LINDEN STREET Res. Eng'r. ____

Limits IOWA AVE TO CANYON CREST DRIVE

Federal Aid Project No.	Dist.	County	Route	Sec.	Sheet No.	Total Sheets

Boring & Sample No.	1	4	2	3	5
Date Sampled	1-25-55	10-15-53	1-25-55	10-15-53	1-25-55
Dist. or Cen. Lab. Test No.	29100	36100	10100	43100	29100
Station	10 to 30'	0 to 2'	10 to 30'	0 to 2'	10 to 30'
Depth					
Mechanical Analysis Sieve Sizes — 1½" Square Opening					100
¾"	100	100			99
4 Mesh (4760 Microns)	98	94	100	100	94
8 " (2380 ")	89	90	92	93	86
16 " (1190 ")	73	82	79	82	76
30 " (590 ")	60	67	67	77	49
50 " (297 ")	47	48	55	66	41
200 " (74 ")	29	39	34	36	36
#30 " (53 ")	25	23	29	28	19
5 Microns	6	14	11	12	5
1 "	3	8	5	1	3
Description of Soil	Silty Sand	Sandy Loam	Silty Sand	Sandy Loam	Silty Sand
Bearing Ratio Test — Density % of Compac. — Moisture % of Dry Weight — Compacted Soaked	132.0	133.2	133.1	132.6	132.6
Expansion %	0.31	0.80	0.88	1.0	1.6
CBR — California Bearing Ratio; C — Compacted; CS — Compacted and Soaked; F — Field Density and Moisture; FS — Field Density and Moisture Soaked 4 Days — Percent of Standard, Pen. 0.1"	C.S. 82	C.S. 50	C.S. 80	C.S. 66	C.S. 23
0.2"	86	55	85	64	38
0.3"	75	59	73	61	39
0.4"	72	60	74	60	40
0.5"	68	60	73	59	45
Soil in Place — Moisture % Dry Weight					
Dry Weight lbs./ft.³					
Relative Compaction — RC					
Liquid Limit		21		20	
Plasticity Index	N.P.	1	N.P.	2	N.P.
SE — Sand Equivalent	21.4	28%	16.5%	28%	14.3
R — Resistance Value	69	63	67	64	57
Recommended Thickness	6"		7"		8"
Remarks	Check C.B.R. 73% Std. @ 0.1" Pen & 7.6% moist.		Check C.B.R. 73% Std. @ 0.1" Pen & 6.7% moist.		Check C.B.R. 23% Std. @ 0.1" Pen & 8% moisture.

Legend

OGS	Original Ground Surface	AC	Asphalt Concrete Pavement	Si	Silt (y)
BS	Basement Soil	PCC	Portland Cement Concrete Pav't.	Cl	Clay (ey)
SB	Subbase	PMS	Plant-mixed Surfacing	Sd	Sand (y)
IBM	Imported Base Material	BST	Bituminous Surfacing Treated	Sh	Shale
SM	Selected Material	URB	Untreated Rock Base	Ss	Sandstone
IB	Imported Borrow	CTB	Cement Treated Base	Gv	Gravel

1" Soil Sample — Blows per ft. 12, 90, 95 — Moisture in % Dry Wt. 14, 10 — Profile A B — Sample Limits

Auger Borings — 41

2" Power Borings — Main No. 13 — Sample Nos. 1, 2 — Plan A B — Profile

Trench or Bank — 30

Plan of any type of boring.

Quality-Resistance Values

Blue	60+	Orange	35-49
Dark Green	65-79	Pink	20-34
Light Green	50-64	Red	0-19

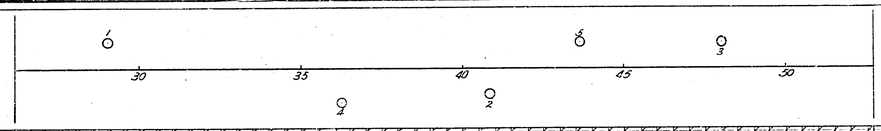
Legend of Rock and Soil Types

Hard Rock, Soft Rock, Sandstone, Shale, Sand, Gravel, Clay, Loam, Clayey Sand, Clayey Silty Sand or Silt and Sand, Adobe

Plan of Borings

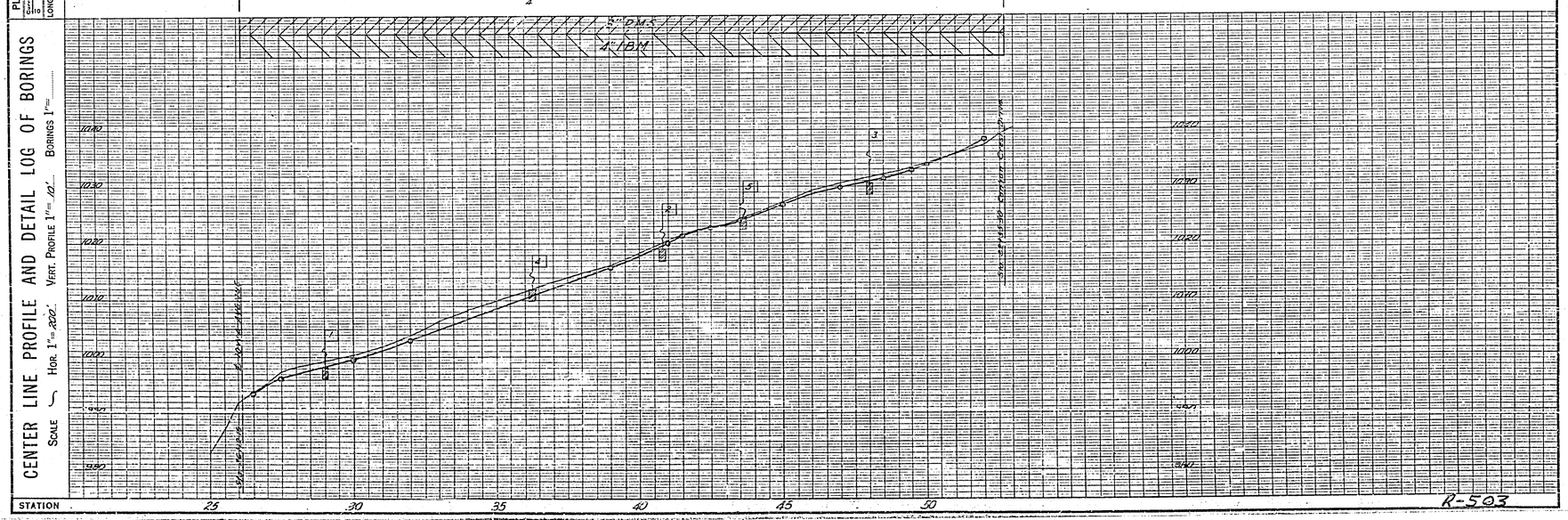
Quality of Original Ground — Quality of Present Surface — Curve Right — Curve Left

Longitudinal Scale 1" = 200' — Lateral Scale 1" = 20'



Center Line Profile and Detail Log of Borings

Scale — Hor. 1" = 200' — Vert. Profile 1" = 10' — Borings 1" = ____



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