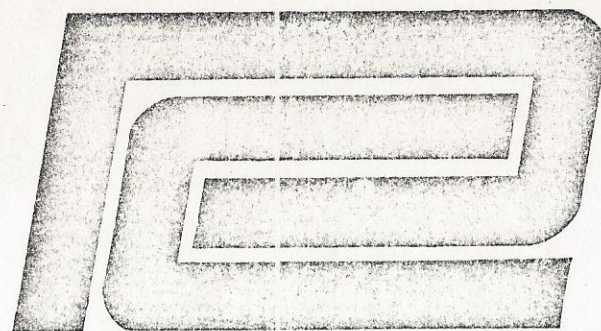


PMM



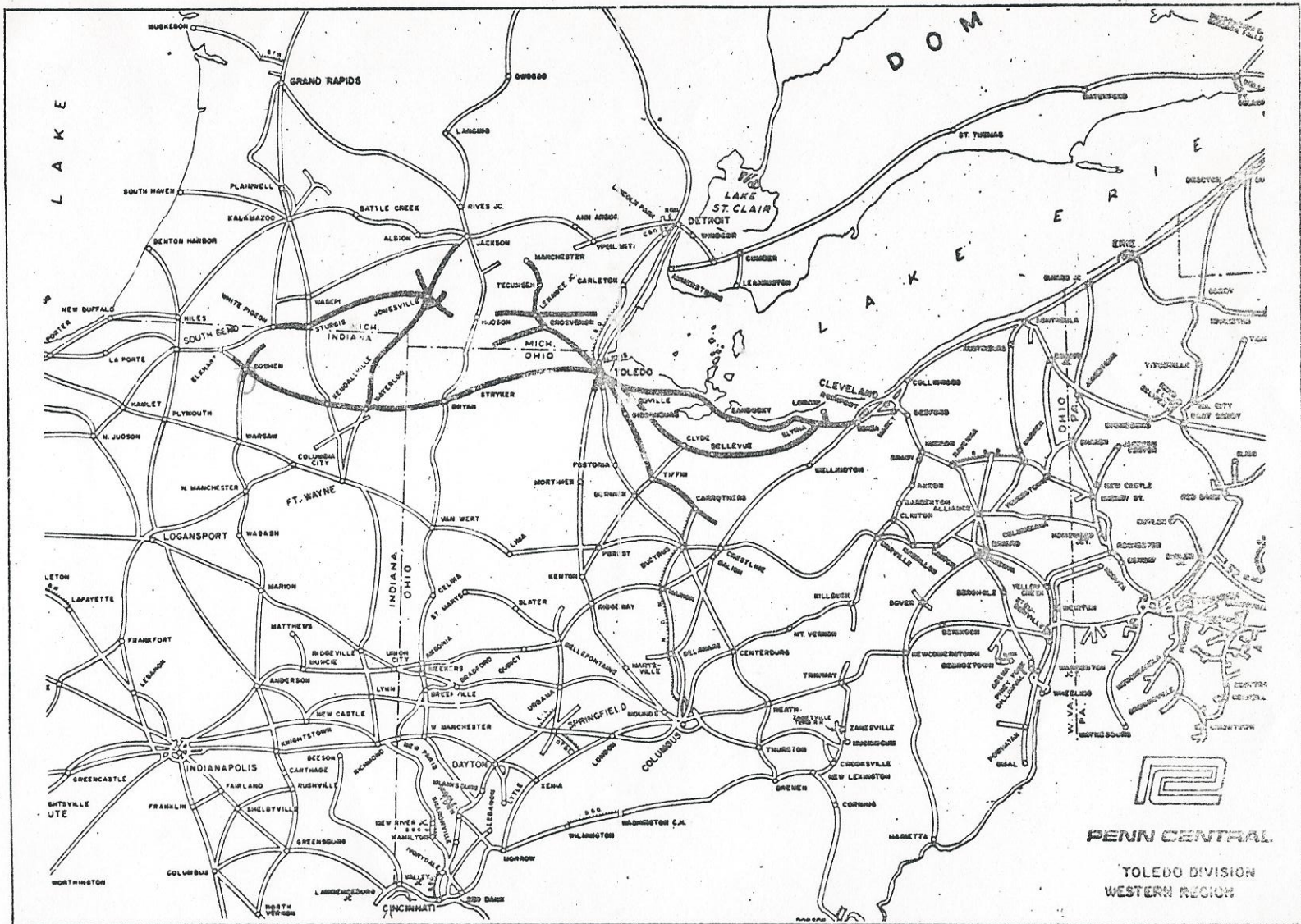
PENN CENTRAL

**MAINTENANCE PROGRAM
AND
TRACK CHART**

**WESTERN
REGION**

**TOLEDO
DIVISION**

CORRECT TO 1-1-74.....



<u>NAME</u>	<u>BETWEEN</u>	<u>M.P. TO M.P.</u>	<u>CODE</u>
MAIN LINE (BFLO. TO CHGO.)	BEREA & ELKHART	194.3 - 420.0	3600
CARROTHERS BRANCH	CARROTHERS & ALEXIS	27.1 - 86.7	3612
CLINTON BRANCH	LENAAWEE JCT. & CLINTON	0.0 - 13.5	3640
D.H. & S.W. R.R.	HILLSDALE & BANKERS	0.0 - 4.3	3647
EASTERN BRANCH	TOLEDO (SA) & STONY RIDGE	3.4 - 8.5	3632
HILLSDALE BRANCH	OSSEO & WHITE PIGEON JCT.	356.3 - 421.2	3634
IDA BRANCH	LENAAWEE JCT. & IDA	0.0 - 19.8	3639
LITCHFIELD BRANCH	JONESVILLE & LITCHFIELD	0.0 - 6.9	3637
MIAMI CUT BRANCH	MAUMEE & STANLEY (SA)	0.6 - 3.4	3632
MICHIGAN BRANCH	GOSHEN & HOST	55.4 - 57.5	3643
MORENCI BRANCH	CROSVENOR & MORENCI	0.0 - 18.5	3641
NORTH ADAMS BRANCH	HILLSDALE & NORTH ADAMS	0.0 - 7.5	3638
NORWALK BRANCH	ELYRIA JCT. & MILLBURY JCT.	208.8 - 287.8	3633
RIVER IND. TRK.	TOLEDO, OHIO	0.0 - 1.0	3648
SHIPSHEWANA BRANCH	GOSHEN & SHIPSHEWANA	0.0 - 16.6	3642
STANLEY BRANCH - IS YARD TRK.	OAKDALE & STANLEY (SA)	1.8 - 5.3	3644
TIRO IND. TRACK - SOLD	TIRO & CARROTHERS	17.0 - 27.3	3646
TOLEDO BRANCH	VIENNA JCT. & SWAN CREEK	47.3 - 57.7	3621
VULCAN - OLD ROAD BRANCH	VULCAN & CLAYTON	299.3 - 333.8	3635
WATER ST. IND. TRK.	TOLEDO, OHIO	0.0 - 1.0	3649
WATERLOO BRANCH	PLEASANT LAKE & HORTON	35.8 - 85.5	3636
WESTERN BRANCH	TOLEDO (SA) & LIME CITY	4.0 - 8.8	3622

4

CONDITIONS

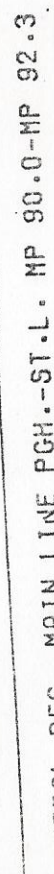
(No. of Passes)

CHART LEGEND

YARD LIMIT BOARD.....
TUNNEL.....
OVERHEAD BRIDGE.....
UNDERGRADE BRIDGE.....
POSITION LIGHT SIGNAL.....
DRAGGING EQUIPMENT DETECTOR.....
SPRING SWITCHES.....
HOT BOX DETECTOR (Pointing direction of traffic).....
STATE, COUNTY & TOWNSHIP LINES.....
TELEPHONE (Booth or Box).....
CURVE LUBRICATOR.....

2-2-06

002

0055

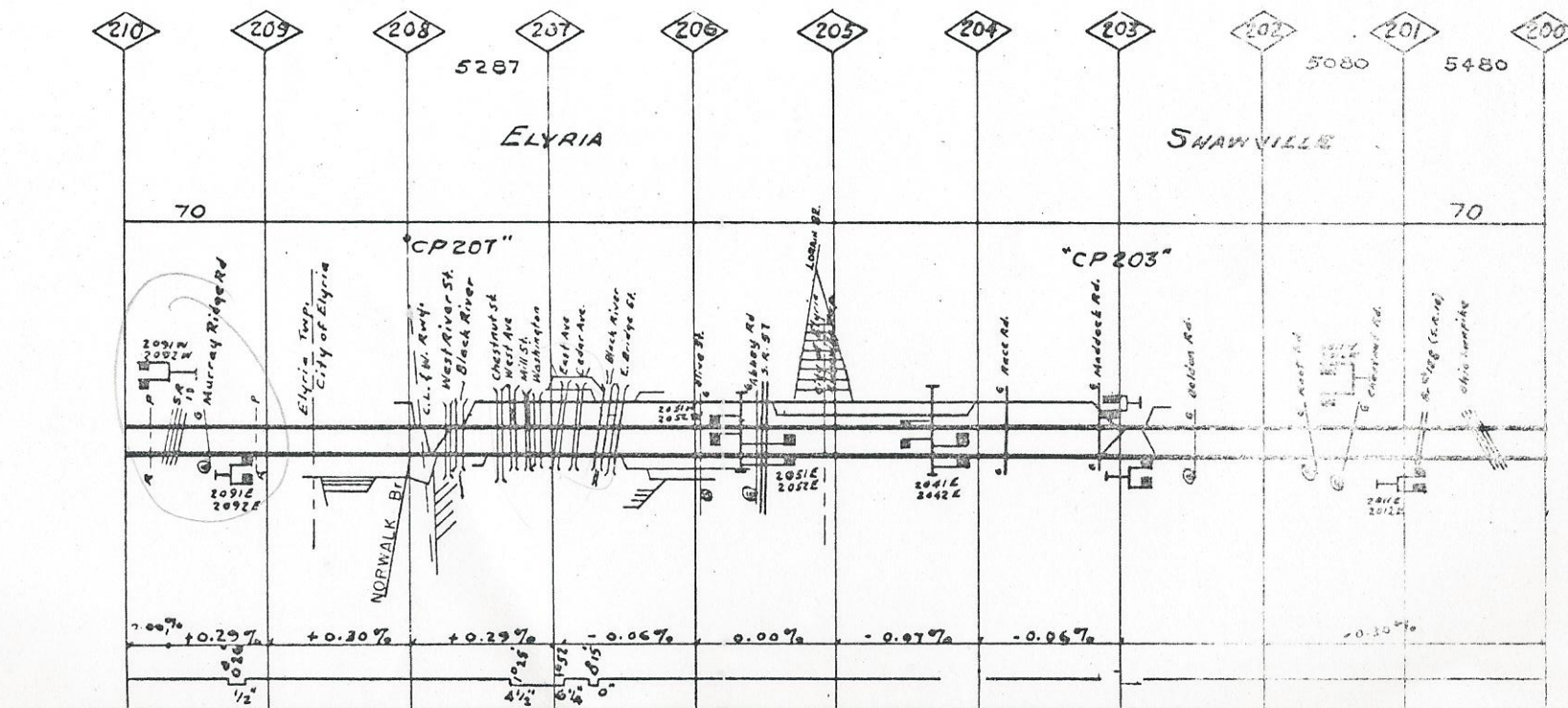
GRINDING			
BLINDING			
SURFACING			64M
PIES			53
BARBS	53HC		
SPILL	27-46		
SPILL CLEAN			27-48
JOINT STR.			

[illegible]

001-

GRINDING		55 (1)			
BLANK					
SURFACING	71			73	74
DRILL					
DRILL					
DRILL - CLEAN		96-95			
JOINTY STR.	555			555	

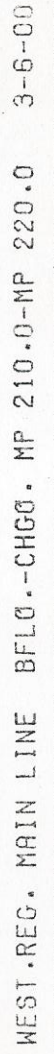
002

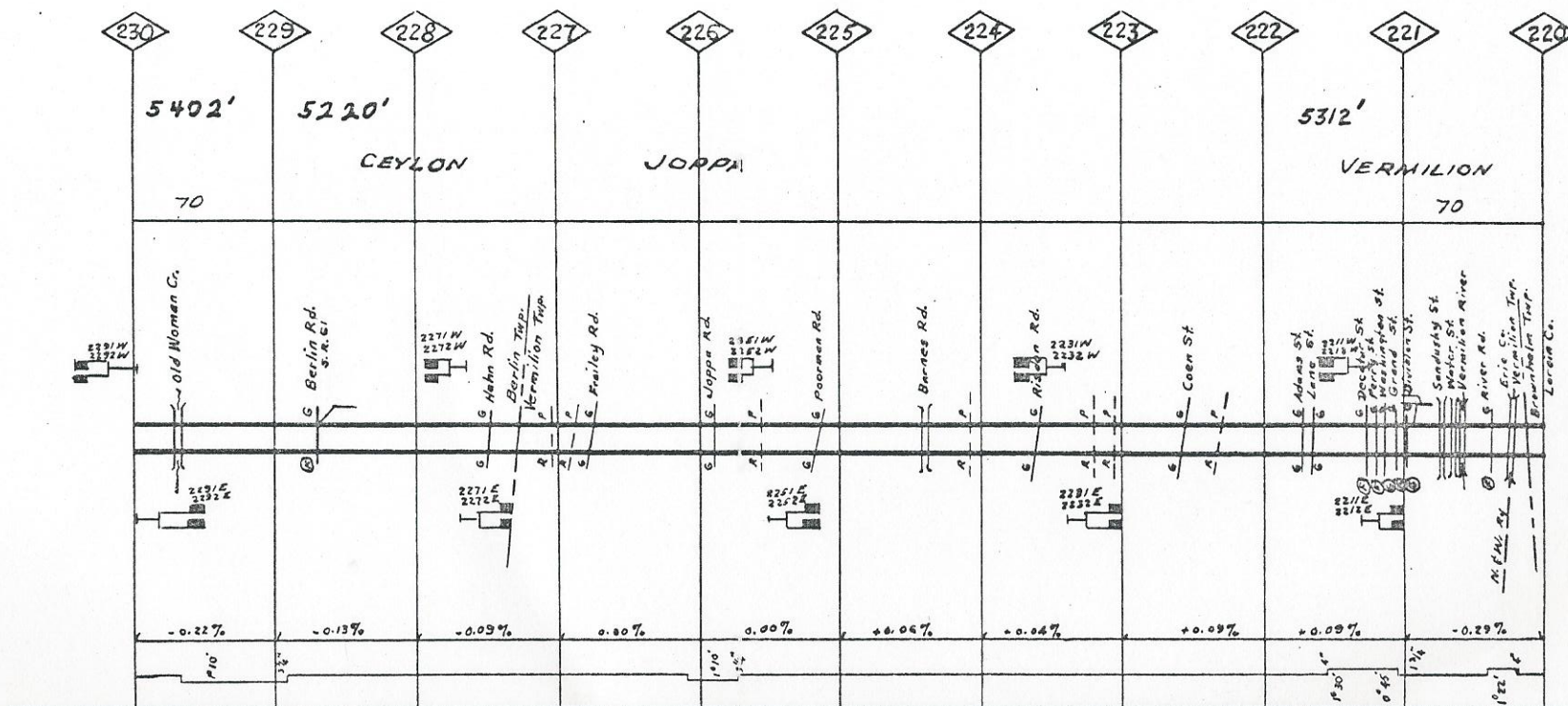


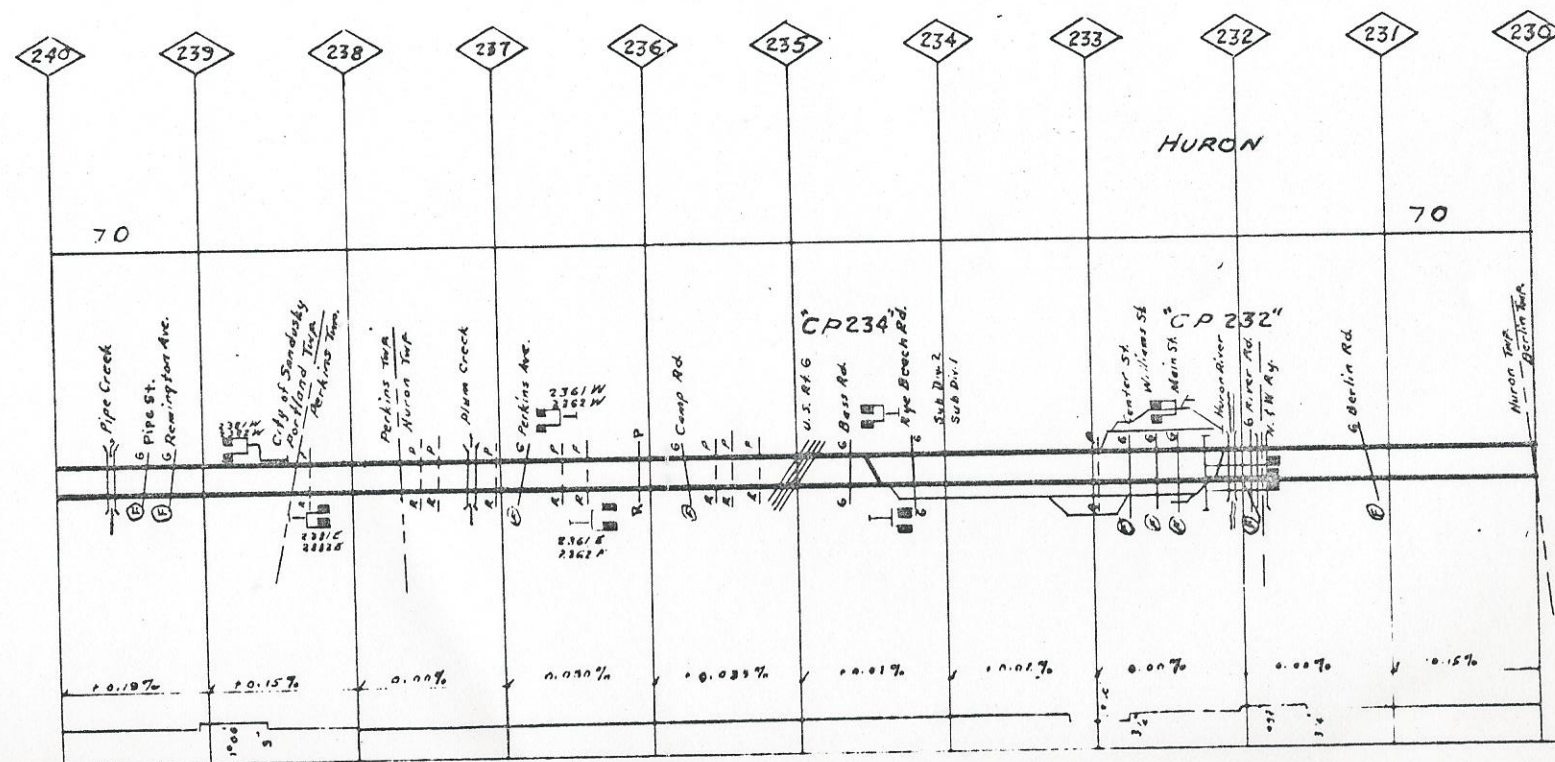
WEST. REC. MAIN LINE BFLO.-CHGO. MP 200.0-MP 210.0 3-6-00

NCS

001.

002

[illegible][illegible]

001002SCS

WEST-REG. MAIN LINE BFLO.-CHGO. MP 230.0-MP 240.0 3-6-00

Q

GRINDING					
WELDING					
SURFACING			56P	64M	
TIES		48		43	
BARS				43	41
RAIL		27-27		27-43	
RAIL - CLEAN					
JOINT STR.					

NCS

GRINDING			67							
WELDING										
SURFACING		70J		70		73E		65		
TIES										
BARS										
RAIL					36-67			73M		
RAIL - CLEAN		678		618		645		655		658
JOINT STR.										

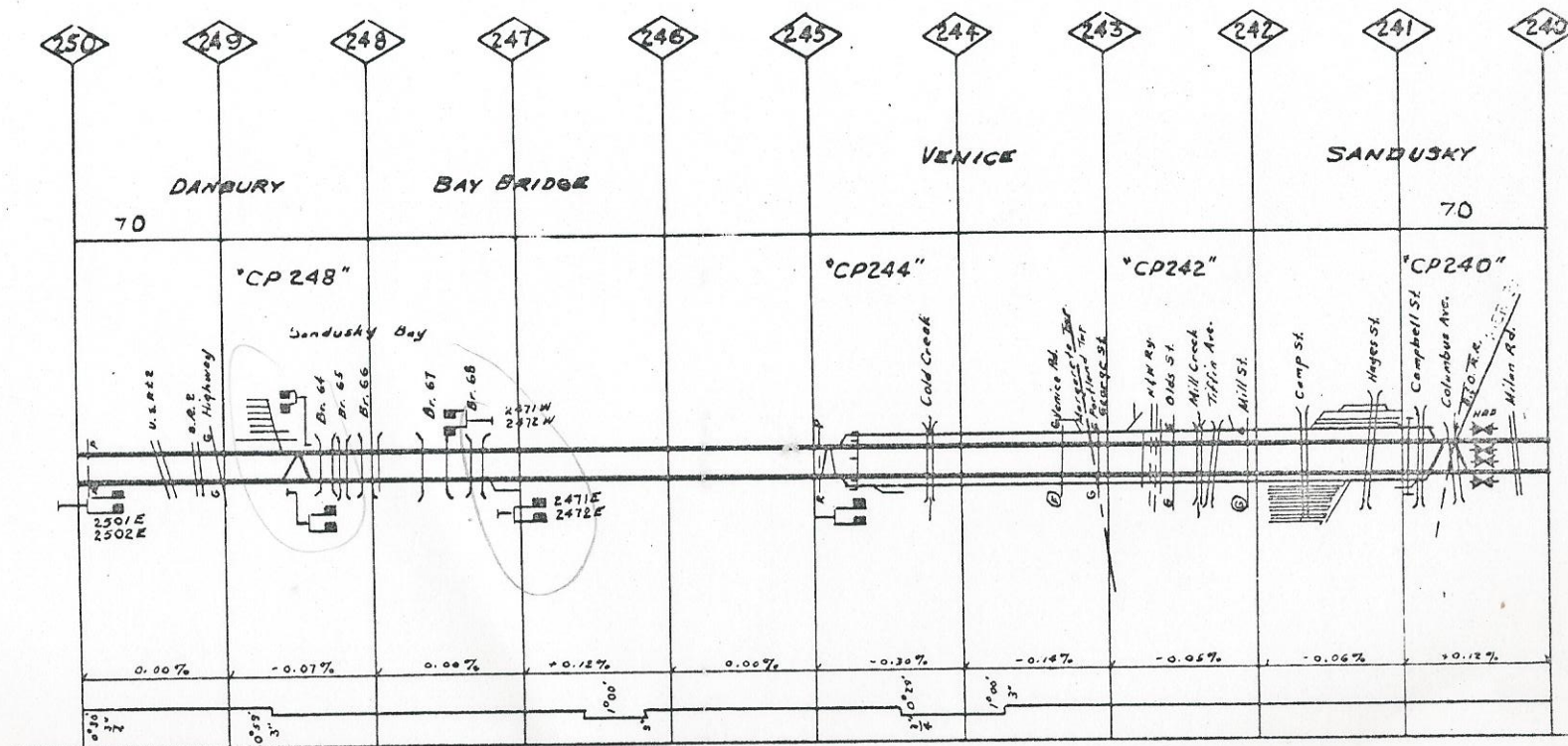
001

GRINDING			57							55
WELDING										
SURFACING				73E		67		73E		67
TIES			63		67					65E-H
BARS										
RAIL				36-66		36-67		36-67		36-67
RAIL - CLEAN			618		635		678	655	73M	658
JOINT STR.										

002

GRINDING					
WELDING					
SURFACING			64M		
TIES		46		45	
BARS					
RAIL					27-26
RAIL - CLEAN					
JOINT STR.					

SCS



GRINDING	
WELDING	
SURFACING	21
TIES	21
BARS	
RAIL	27-29
RAIL - CLEAN	
JOINT STR.	

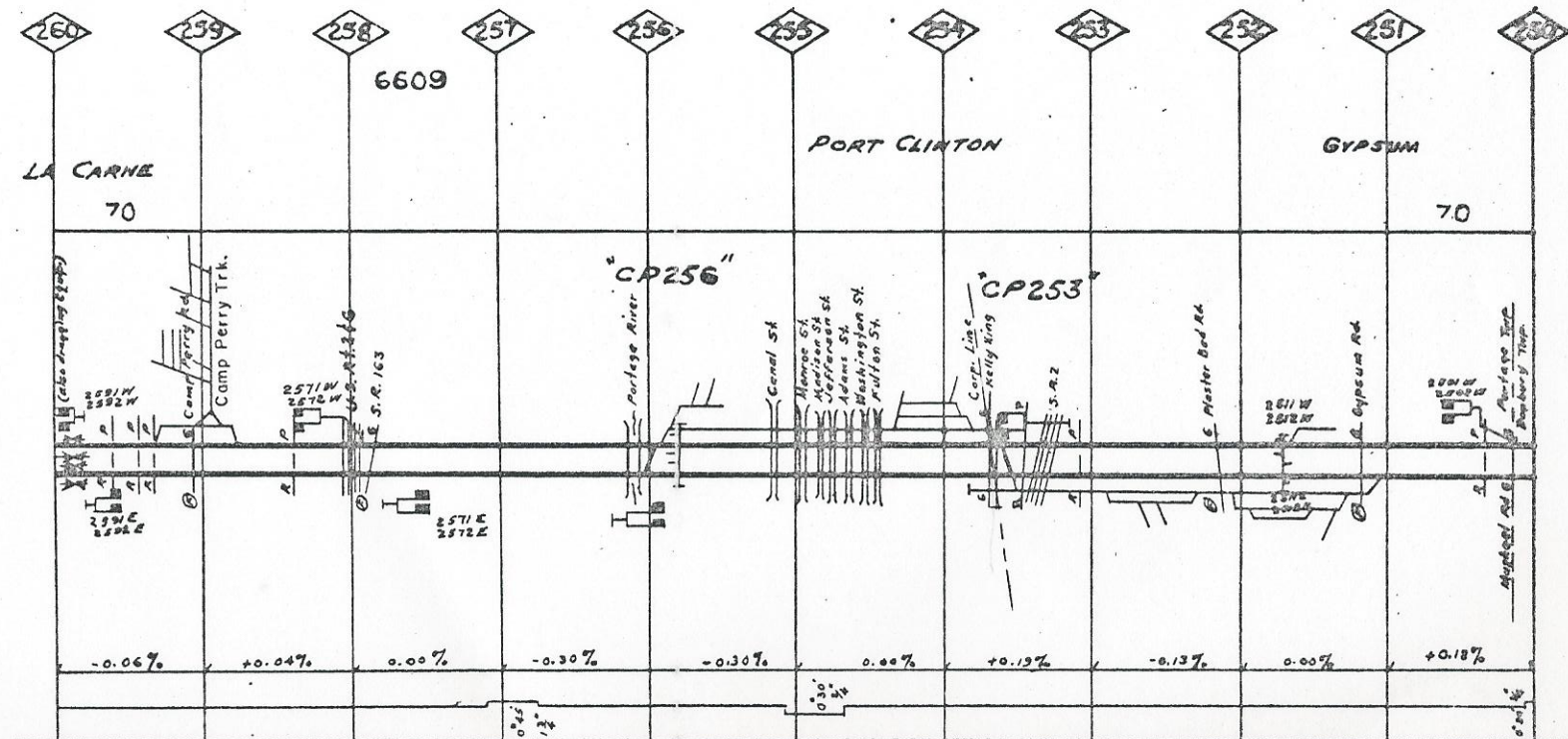
NCS

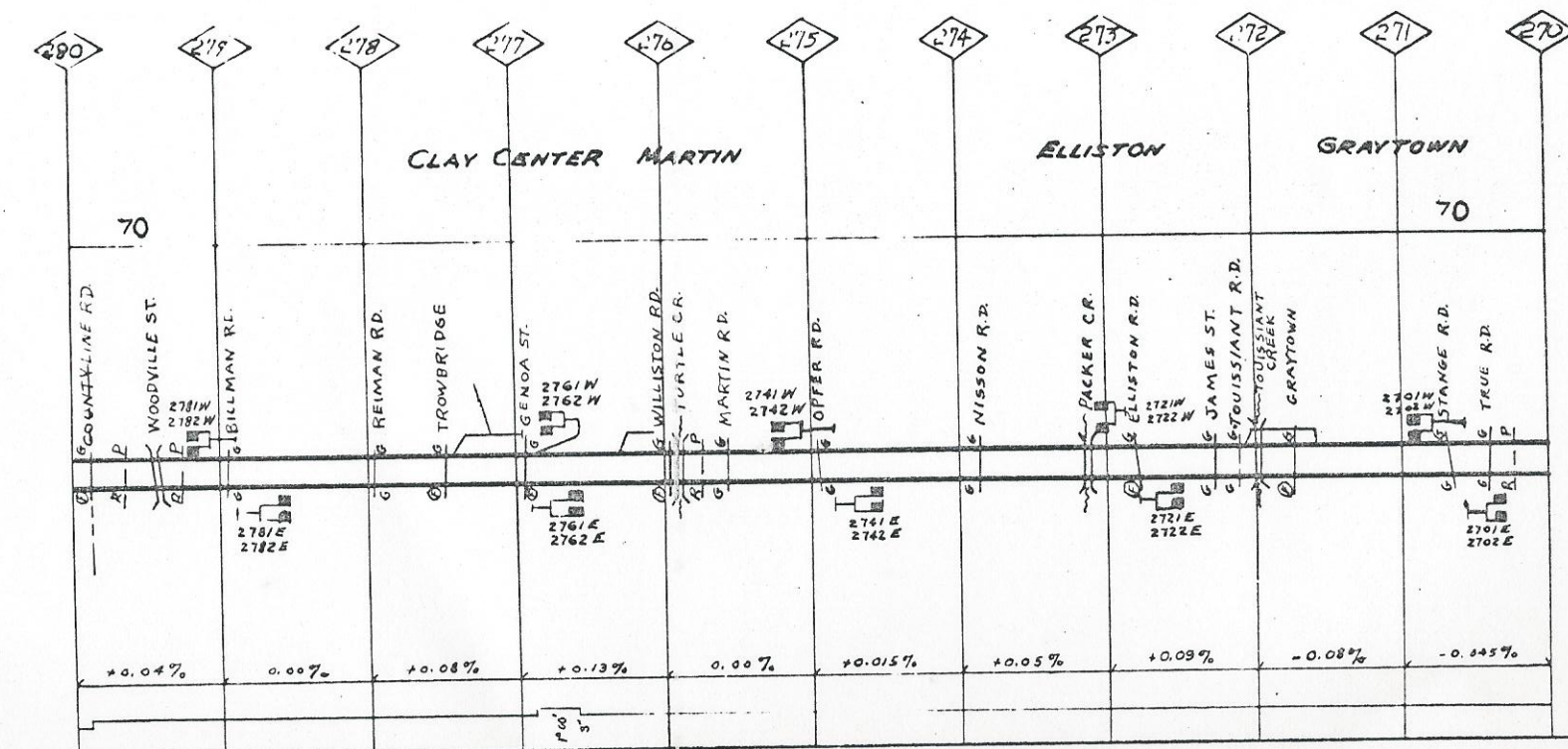
GRINDING	65 (1)	68
WELDING		
SURFACING	70	70
TIES		
BARS		
RAIL	27-65	36-67
RAIL - CLEAN	66	67
JOINT STR.		

001

GRINDING	64 (1)	67
WELDING		
SURFACING	70	70
TIES		
BARS		
RAIL	27-64	36-67
RAIL - CLEAN	65	66
JOINT STR.		

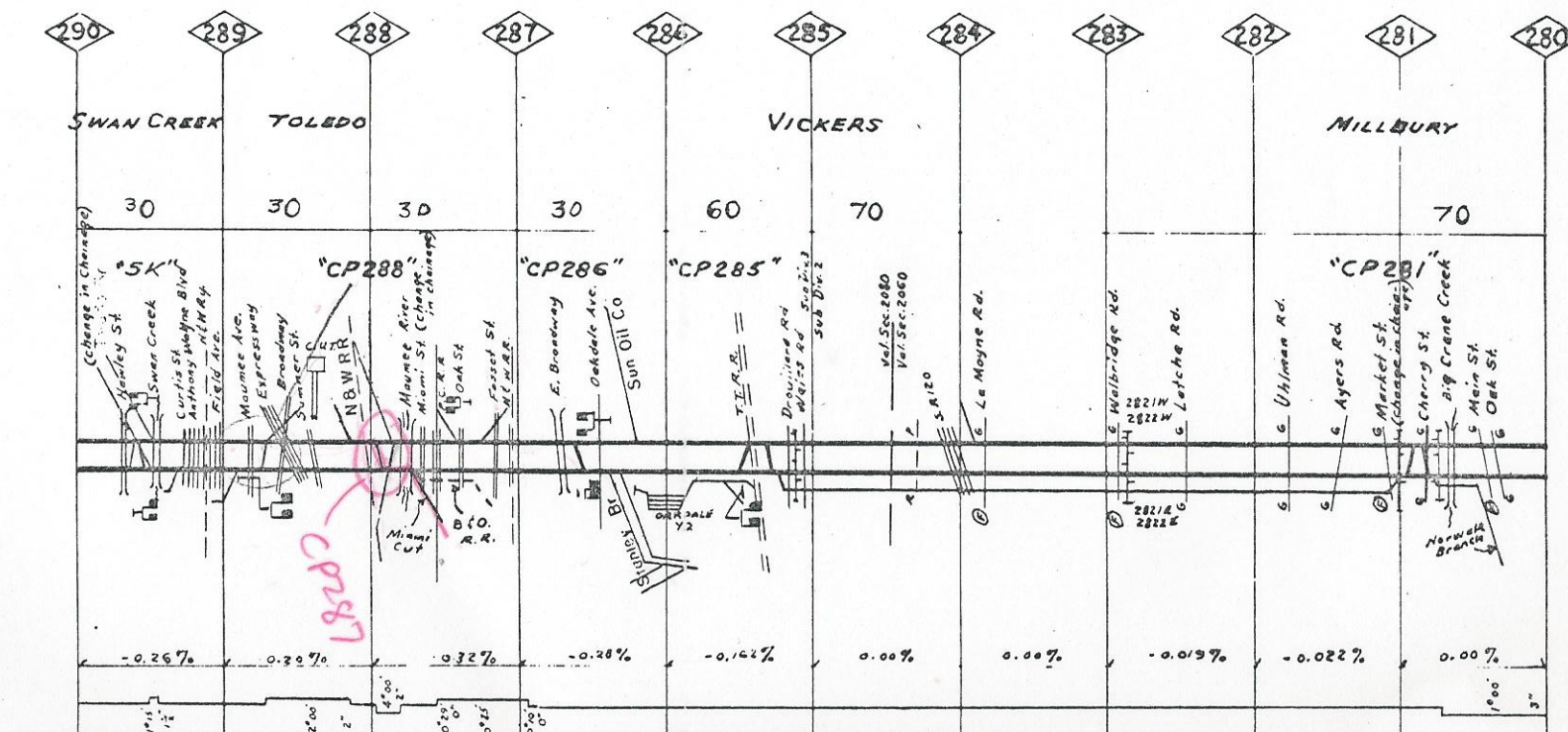
002



[illegible]

WEST.REG. MAIN LINE BFLO.--CHGO. MP 270.0-MP 280.0 3-6-00

C

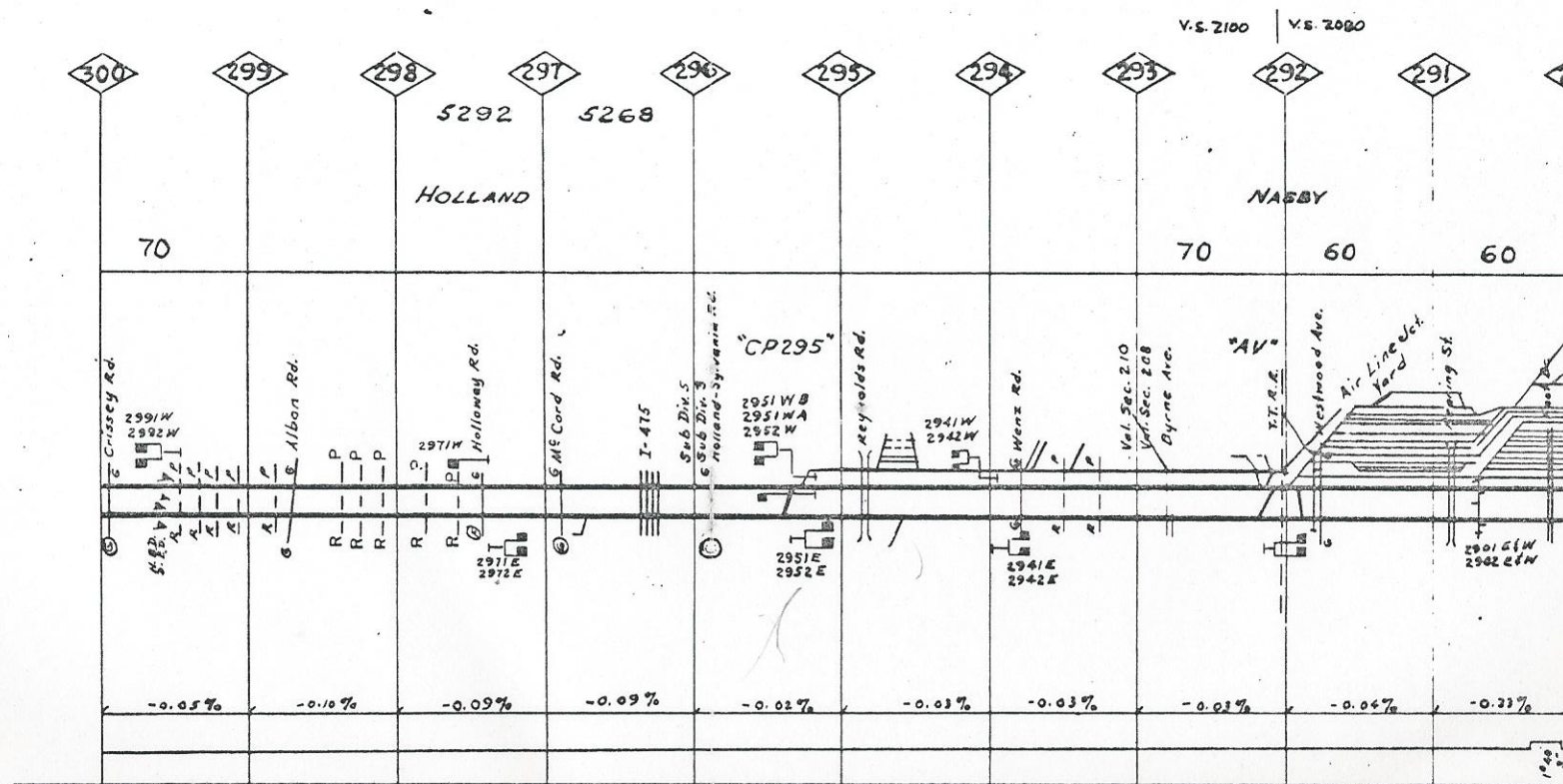
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001

[illegible]

002

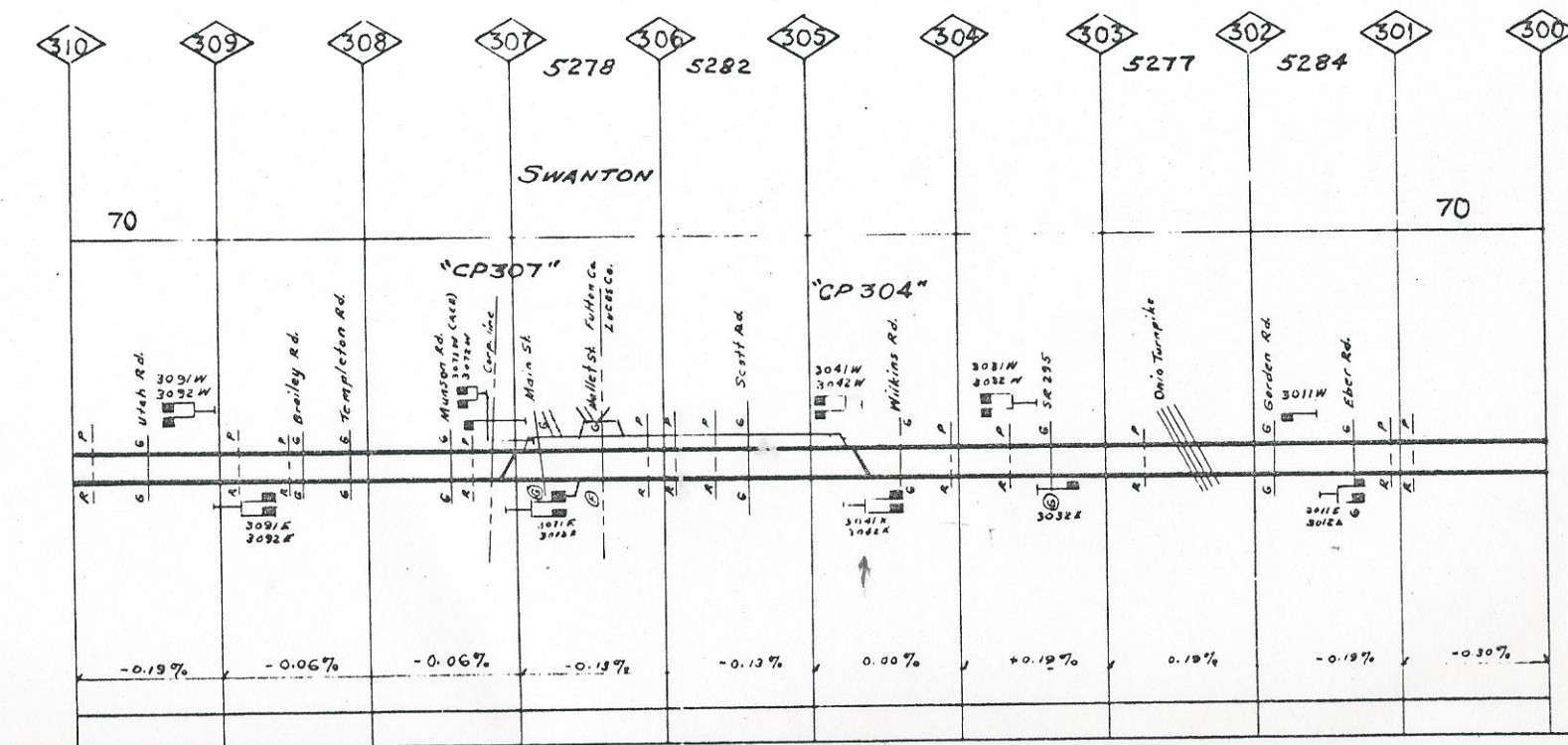


GRINDING			
WELDING			
SURFACING			
TIES		54	
BARB	511	55	
RAIL		27-27M	1
RAIL - CLEAN			
JOINT STR.			

NCS

[illegible]

CONTINUING					62 (2)				
CONTINUING		69		68		70E			70
CONTINUING					68				1681
CONTINUING			53			27-53H			
CONTINUING					70				685
CONTINUING		66			65			68	

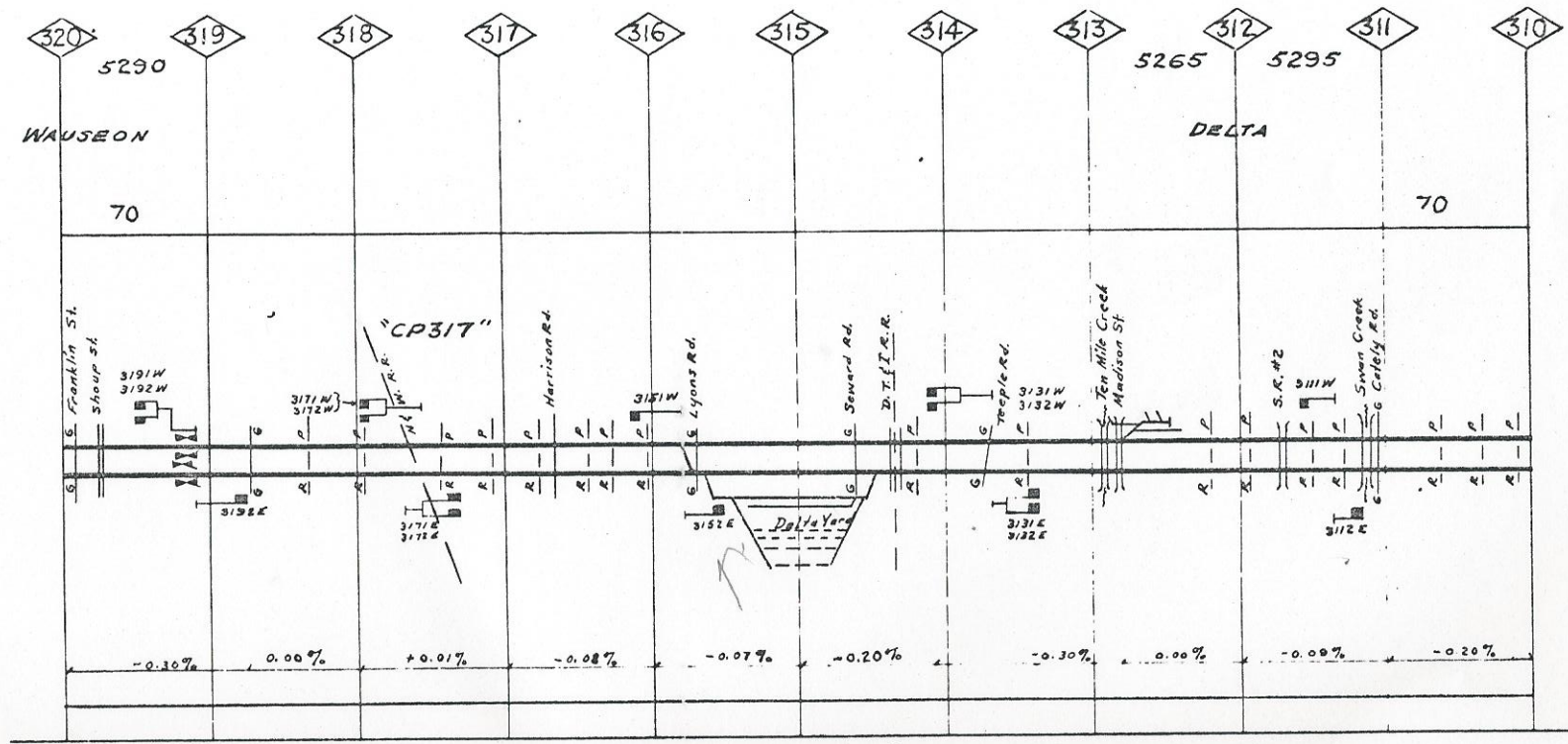


GRINDING				65					62 (2)
REPAIRING									
SURFACING						69			
WIES									
BARB			54				54HF	67	
RAIL			27-54				27-40		
RAIL - CLEAN	645							675	695
JOINT STR.						70			

001

GRINDING									62 (2)
REPAIRING									
SURFACING						68			
WIES									
BARB									
RAIL						36-68			53
RAIL - CLEAN									52H
JOINT STR.									695

002



WEST.REG. MAIN LINE BFLO.-CHGO. MP 310.0-MP 320.0 3-6-00

GRINDING		
WELDING		51
SURFACING		
TIES	54	50
RAILS	55R	50
RAIL	27-27H	05-26
RAIL - CLEAN		
JOINT STR.		

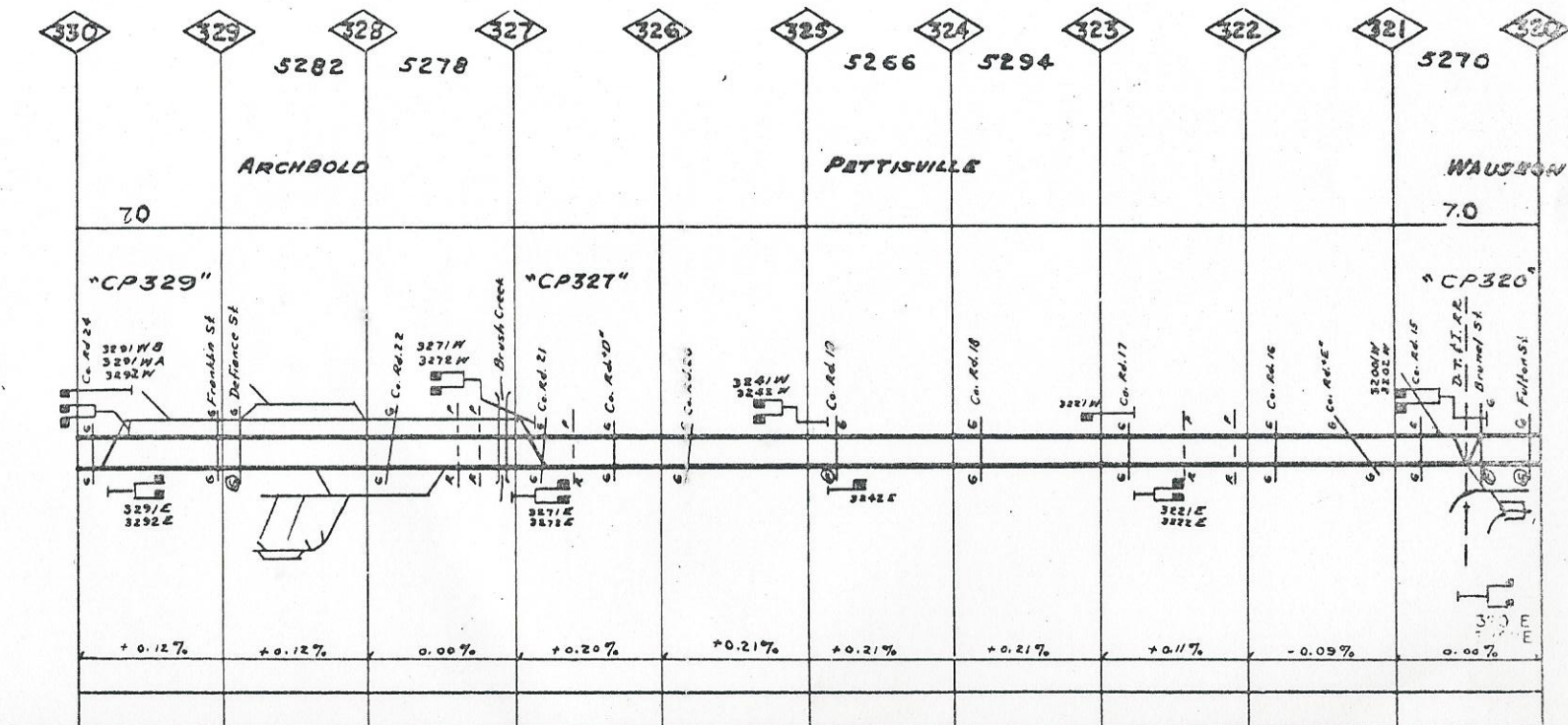
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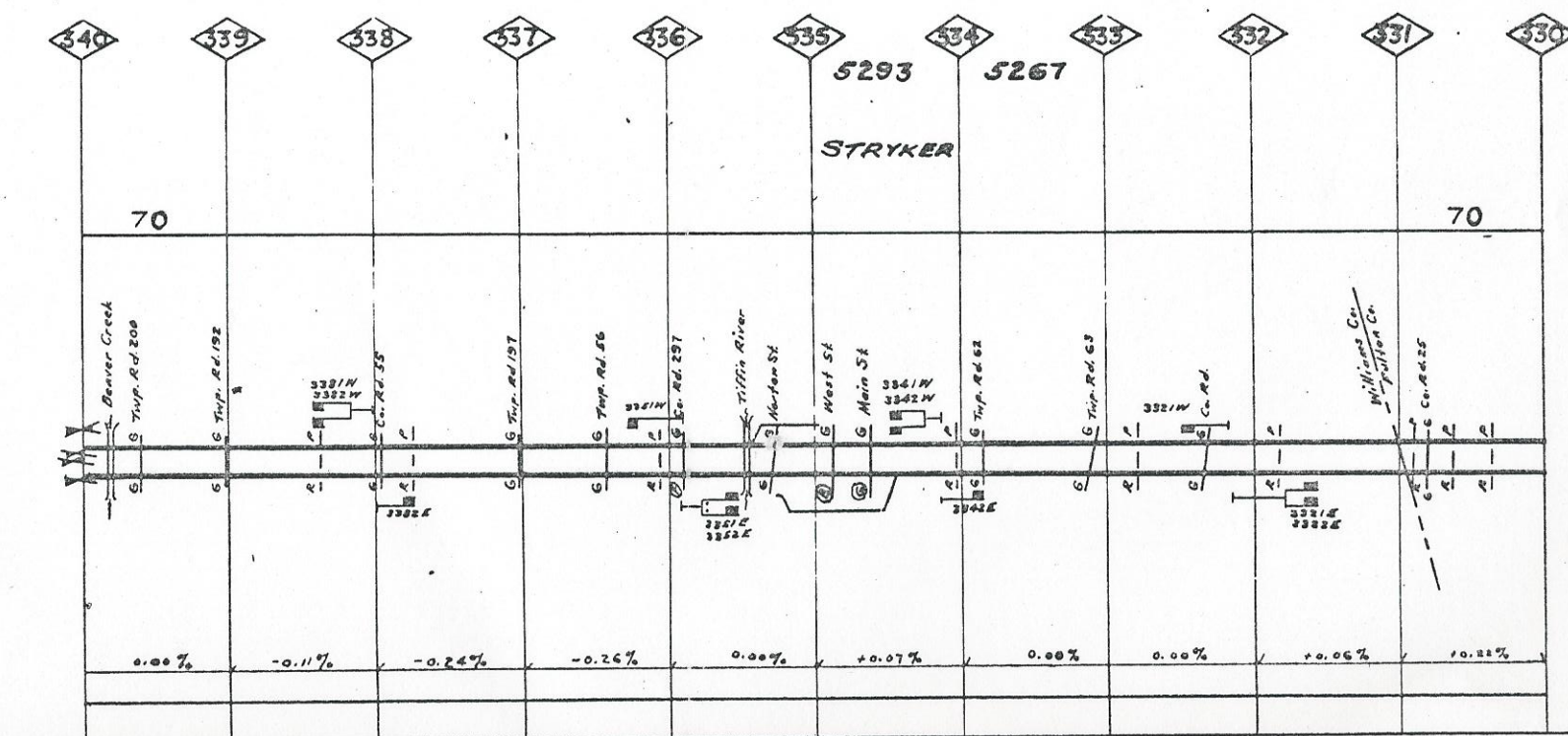
GRINDING		62 (1)		68		65 (1)
WELDING						
SURFACING		64J		64H		64
TIES		64		69		64
RAILS						
RAIL		36-61		27-61		27-64
RAIL - CLEAN	64S		535			64S
JOINT STR.						

001

GRINDING		68				
WELDING						
SURFACING		67		62		
TIES						
RAILS						
RAIL		36-61				
RAIL - CLEAN		67S				
JOINT STR.						

002



001002

WEST.REG. MAIN LINE BFLO.-CHGS. MP 330.0-MP 340.0 3-6-00

0

[illegible]

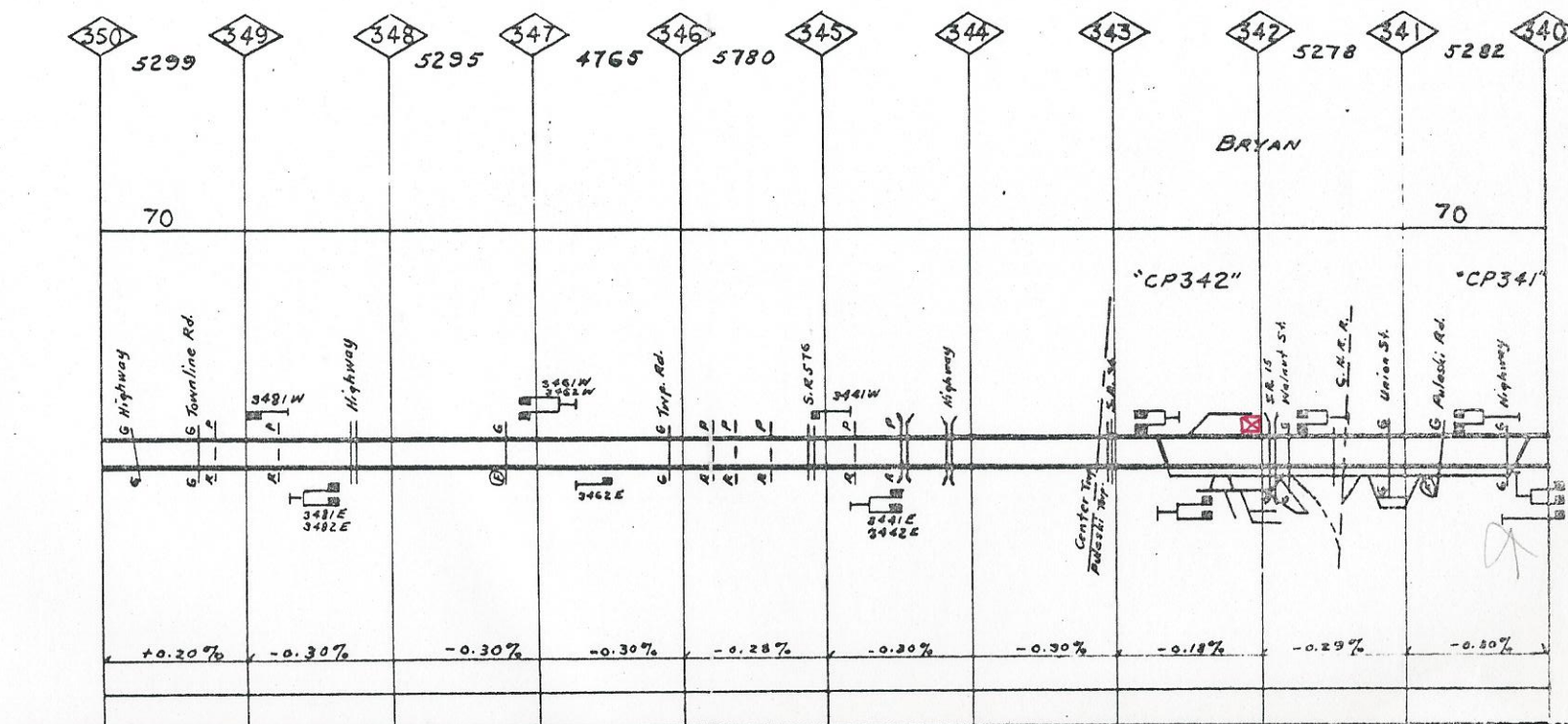
001

[illegible]

002

SPINDLING			
WELDING			
SUBSPINNING	63P	63H	63P
JOBS			63H
REPAIR			
WELD	27-28		27-27
JOBS - FLESH			
JOBS - FLESH			

525



[illegible]

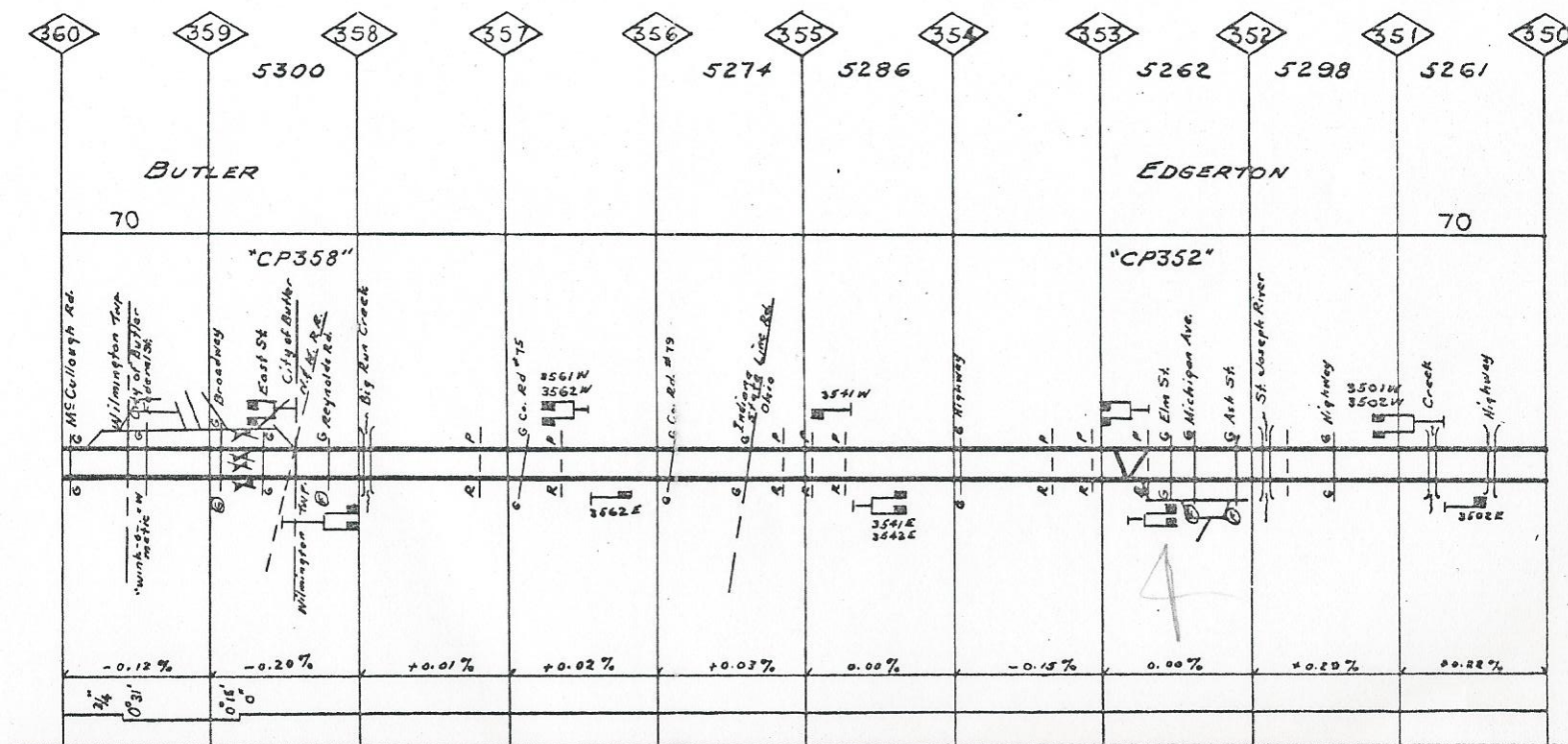
001

GRINDING	71W		73W		71W
GRINDING	71	70	73	71	71
GRINDING	71	66	73	66	71
GRINDING	40-71		40-73		40-71
GRINDING	70		64S		63

002

VS 2110

Y5 2100

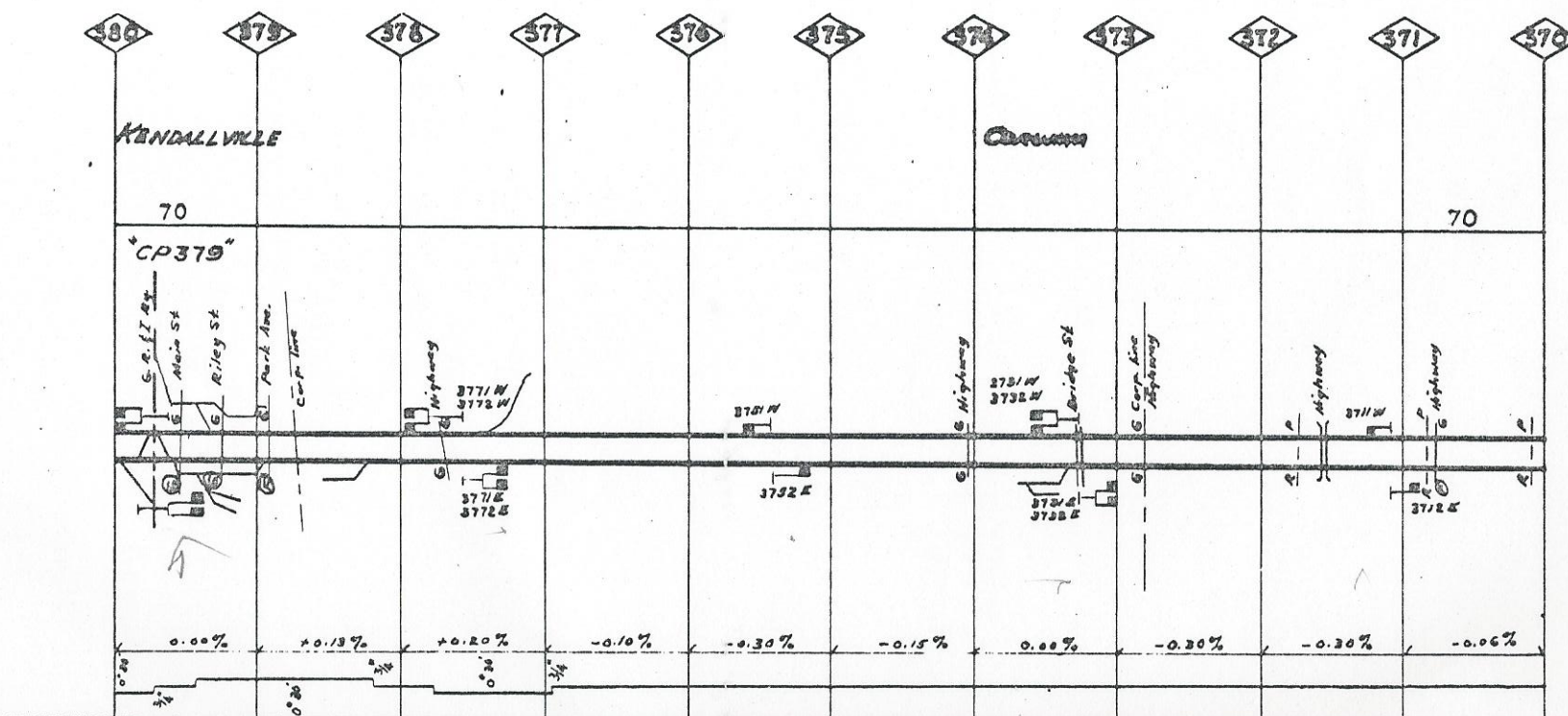


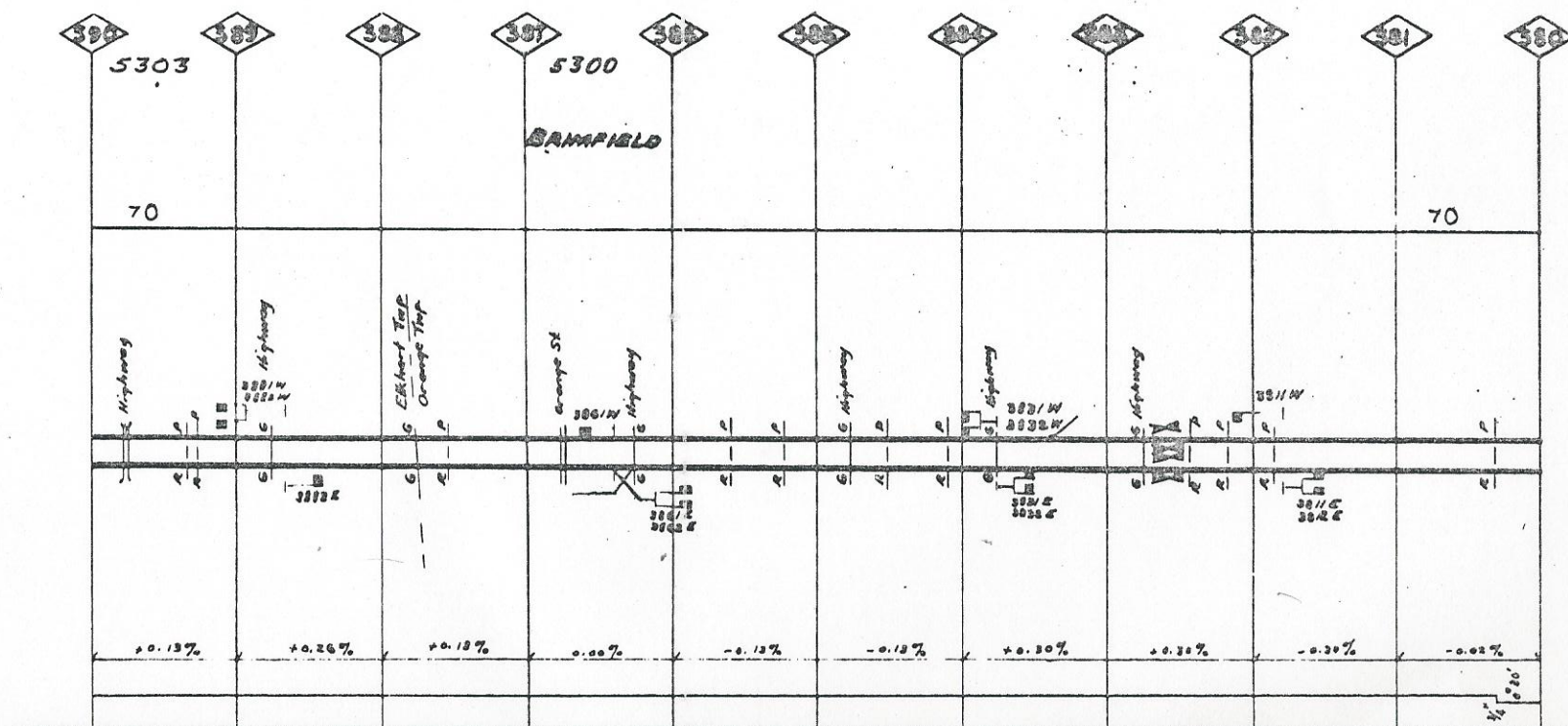
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001

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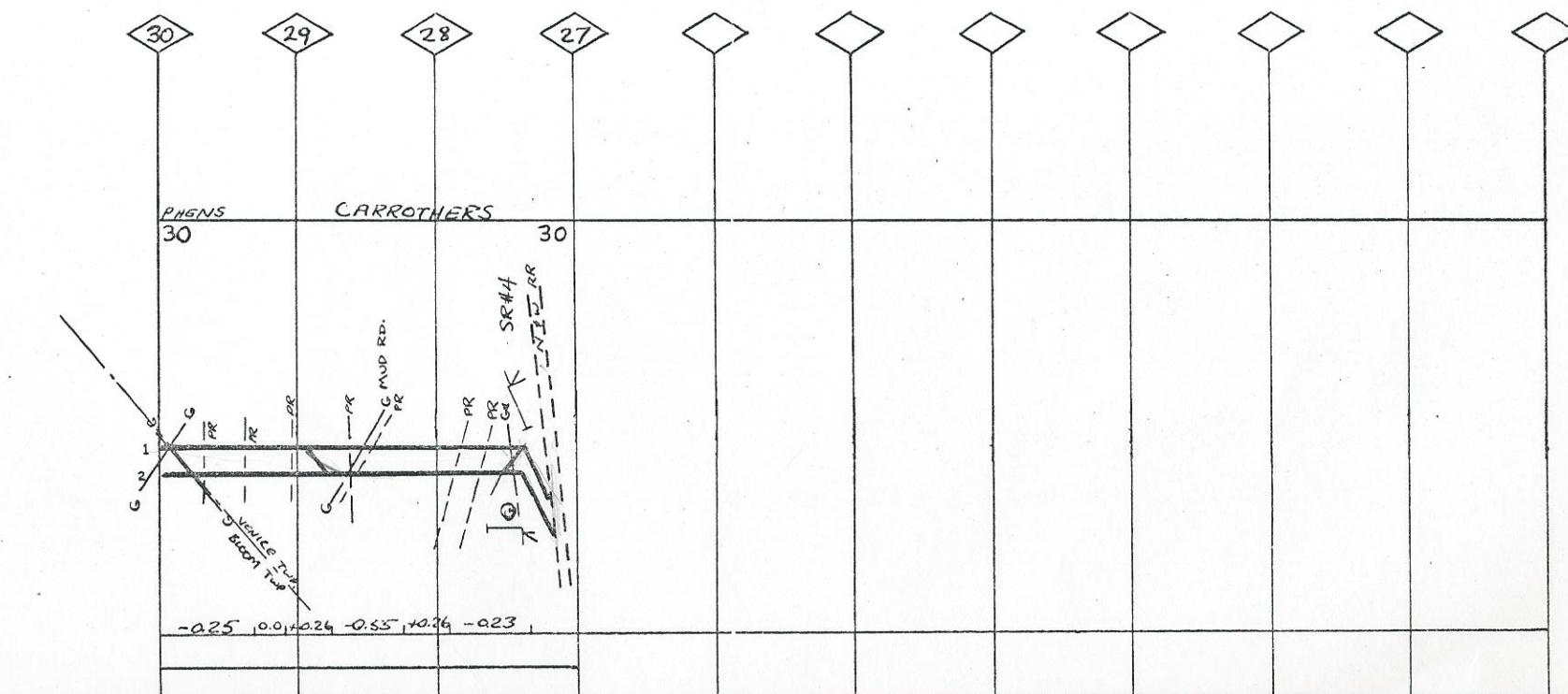
002





GRINDING		
CUTTING		
DRESSING	72F	
WHEELS	72	
DRIPS		
RAIL	33-47	
RAIL CLEAN		
JOINT STR.		

GRINDING		
WELDING		
SURFACING	71E M	
PAVING		
RAIL	33-47	
RAIL, CLEAN		
JOINT STR.		



GRINDING	
WELDING	
SURFACING	72E
TIES	72
RAIL	31-45
RAIL CLEAN	
JOINT STR.	

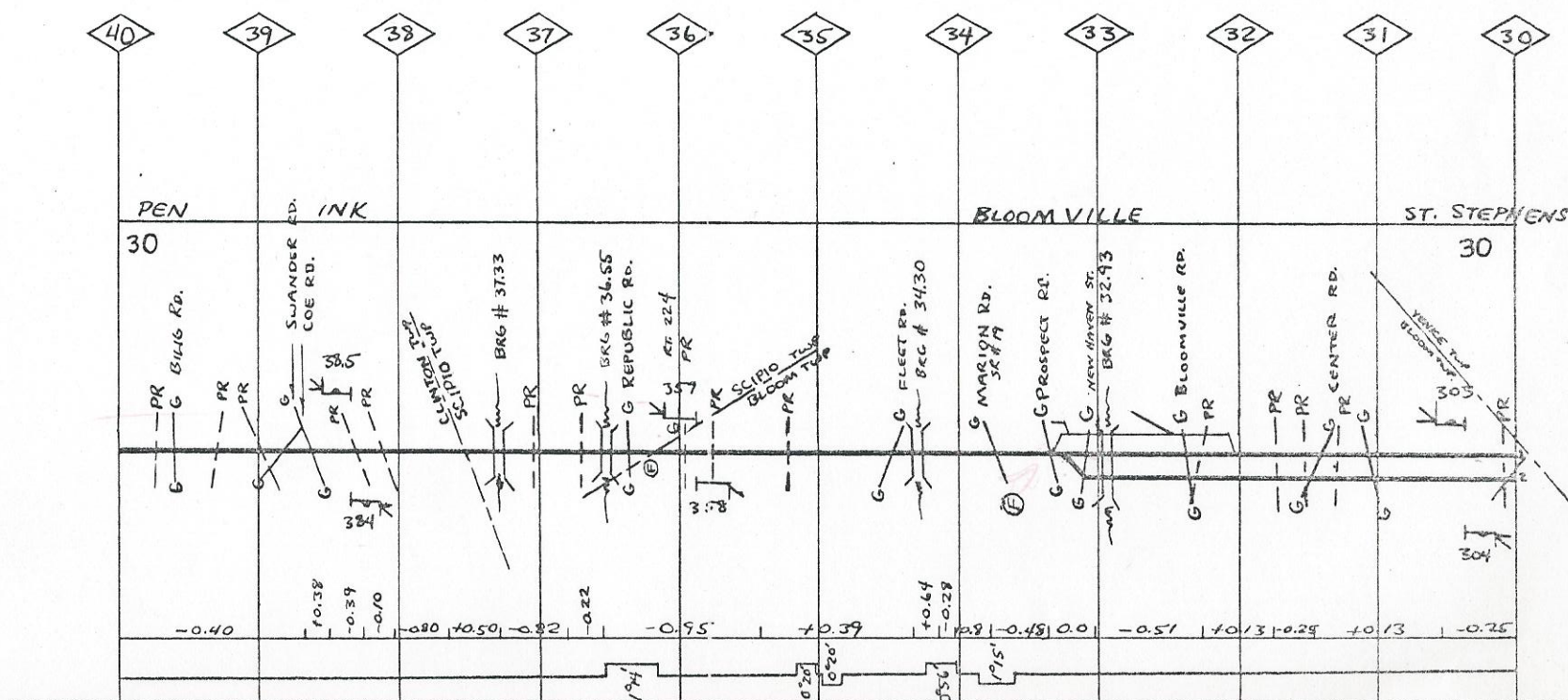
007

GRINDING	
WELDING	
SURFACING	72E
TIES	72
RAIL	31-47
RAIL CLEAN	
JOINT STR.	

001

GRINDING	
WELDING	
SURFACING	72E
TIES	72
RAIL	31-47
RAIL CLEAN	
JOINT STR.	

002



WESTERN REG. CARROTHERS BR.

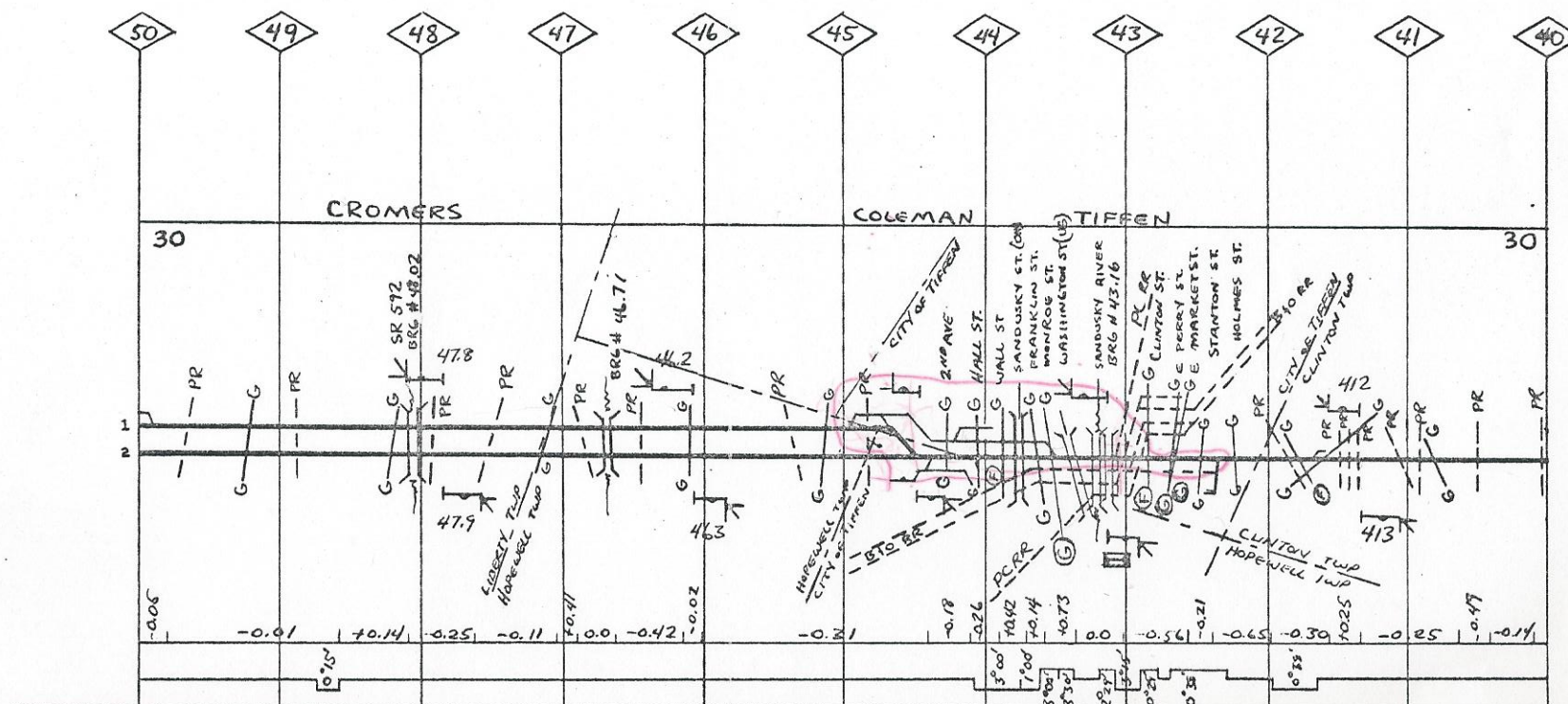
MP 30.0-MP 40.0

3-6-12

[illegible]

GRINDING			
WELDING			
SLUGGING			715-N
BARB			
RAIL	33-50	33-48	21-48
RAIL - CLEAN			
JOINT STR.			

	GRINDING						
	CUTTING						
	DRILLING	67J	68J		71E H		
	POLISHING						
	BURNING						
	WELDING						
	PAINT STR.						
	CLEAN	30-49	53-47		31-31		50-51

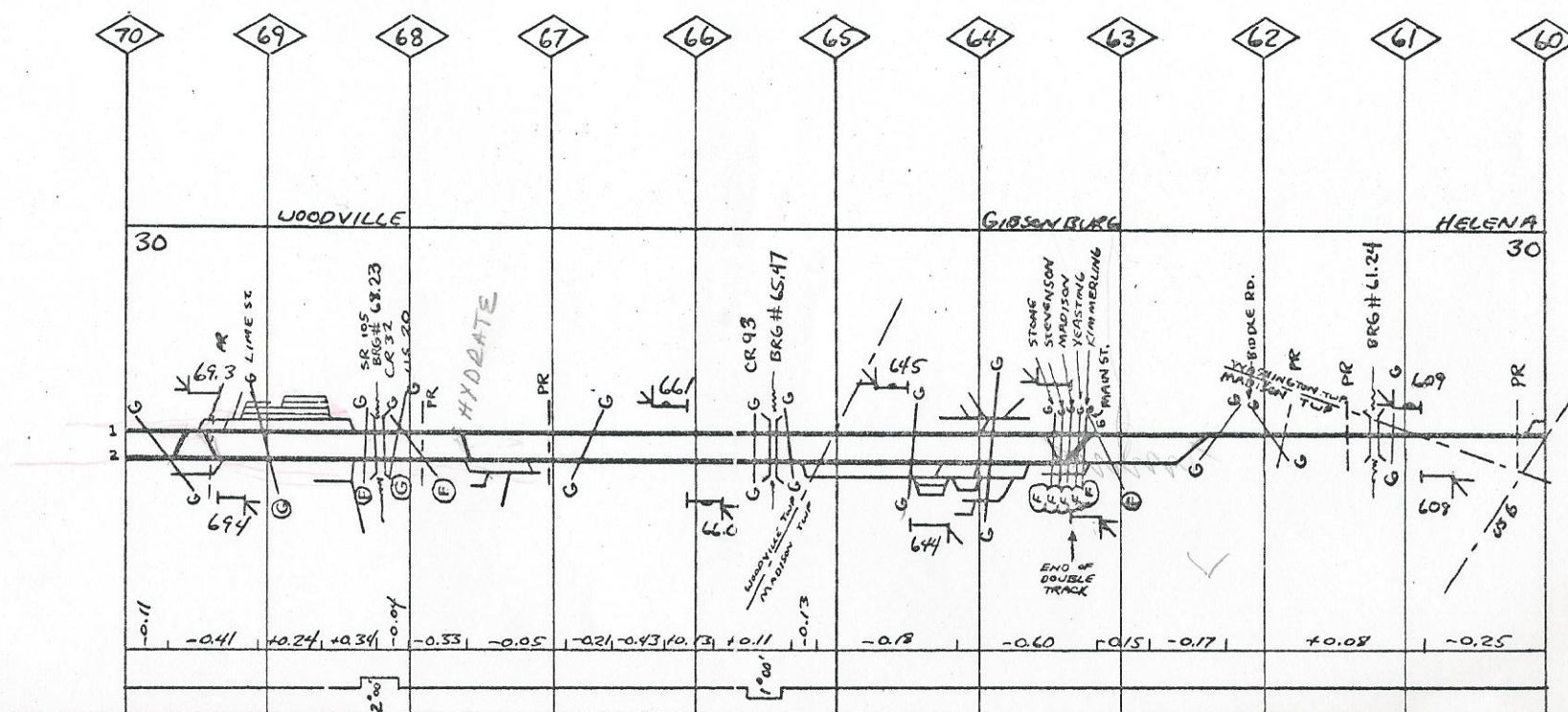


[illegible]

001

[illegible]

002



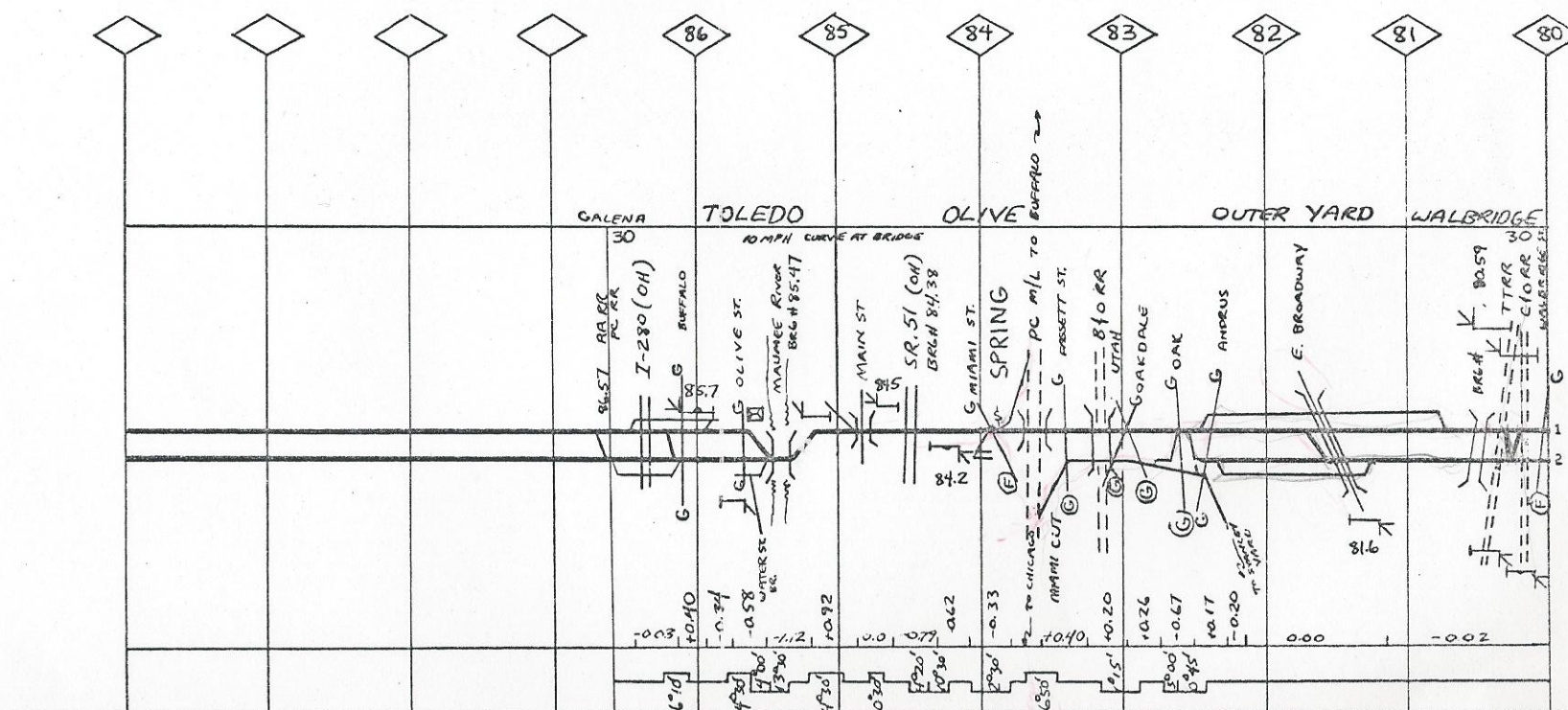
WESTERN REC. CARROTHERS BR.

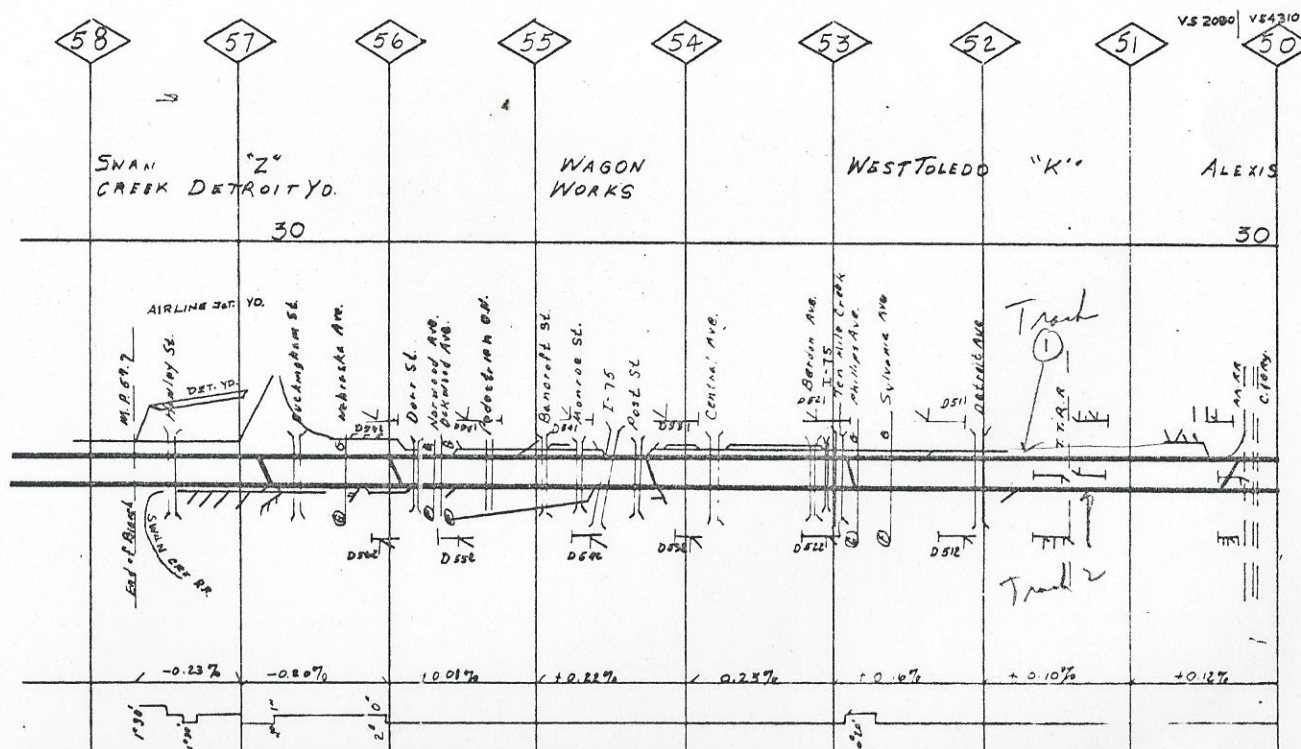
MP 60.0-HP 70.0 3-6-12

[illegible]

GRINDING	
WELDING	
SURFACING	59J
TIES	
BARB	
RAIL	30-45
BAL. CLEAN	
JOINT STR.	

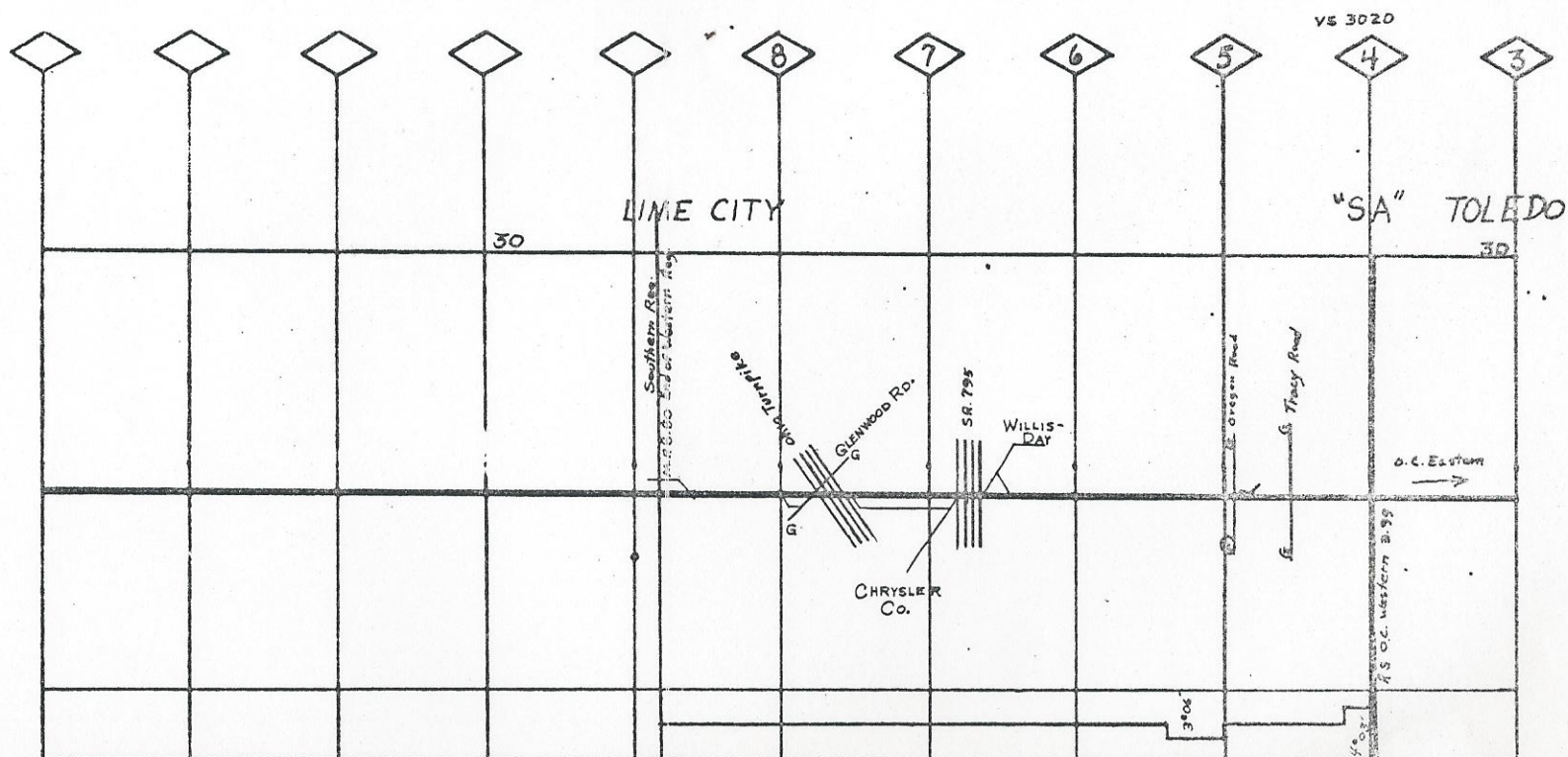
GRINDING			
FEEDING			
SURFACING	59J	58J	167
BAR			
RAIL	30-31	30-41	
RAIL - CLEAN			
JOINT STR.			



001002

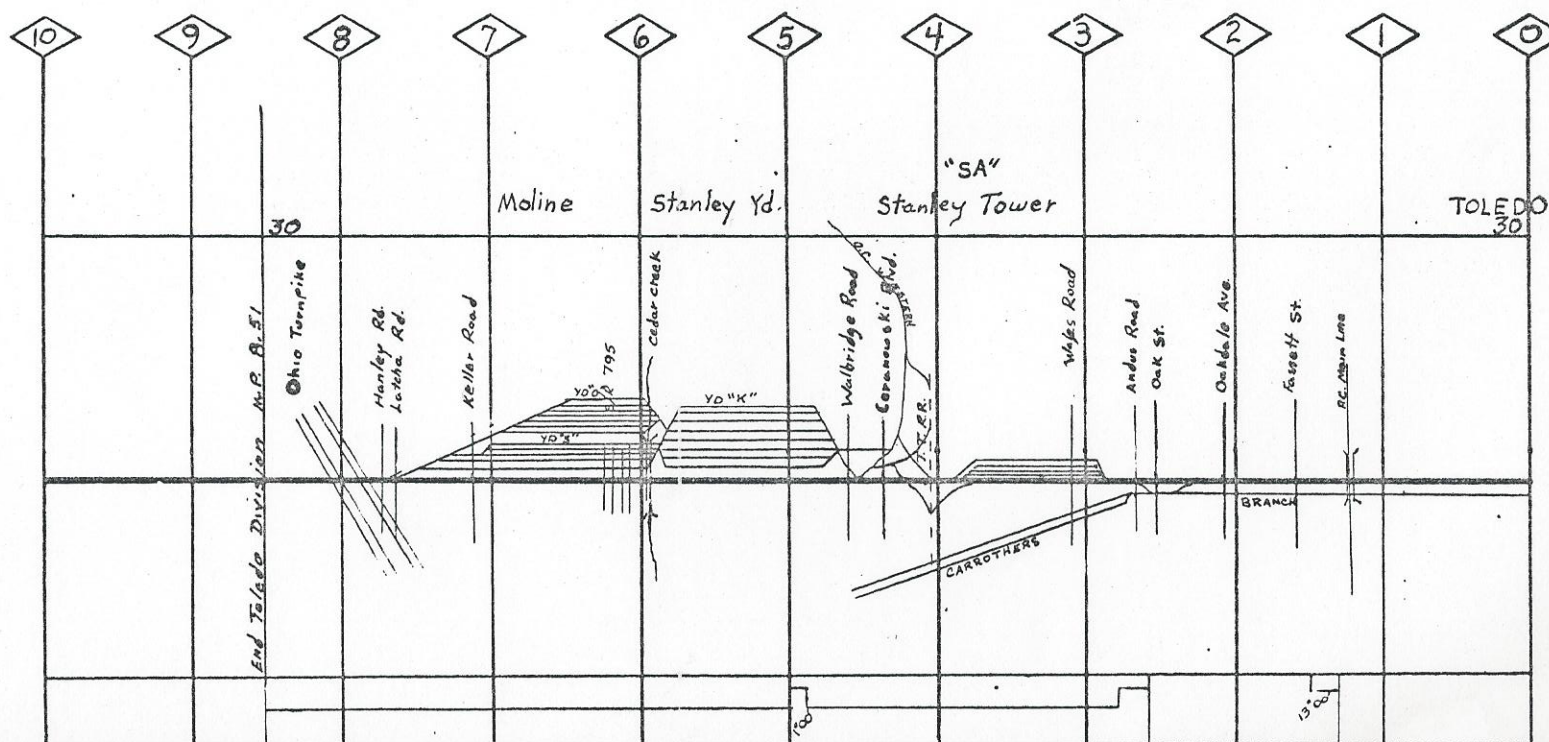
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001



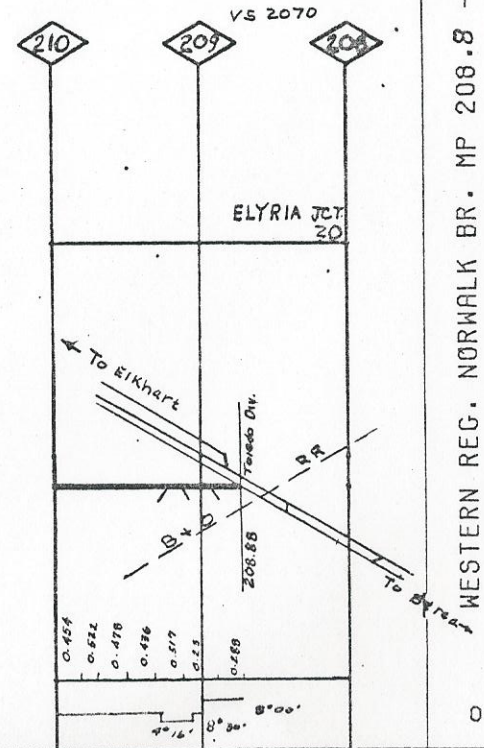
[illegible]

001



GRINDING	
WELDING	
SURFACING	
TIES	
BOXES	
RAIL	05-25
RAIL CLEAN	
JOINT STR.	

001



3-6-33

WESTERN REG. NORWALK BR. MP 208.8 - MP 210.0

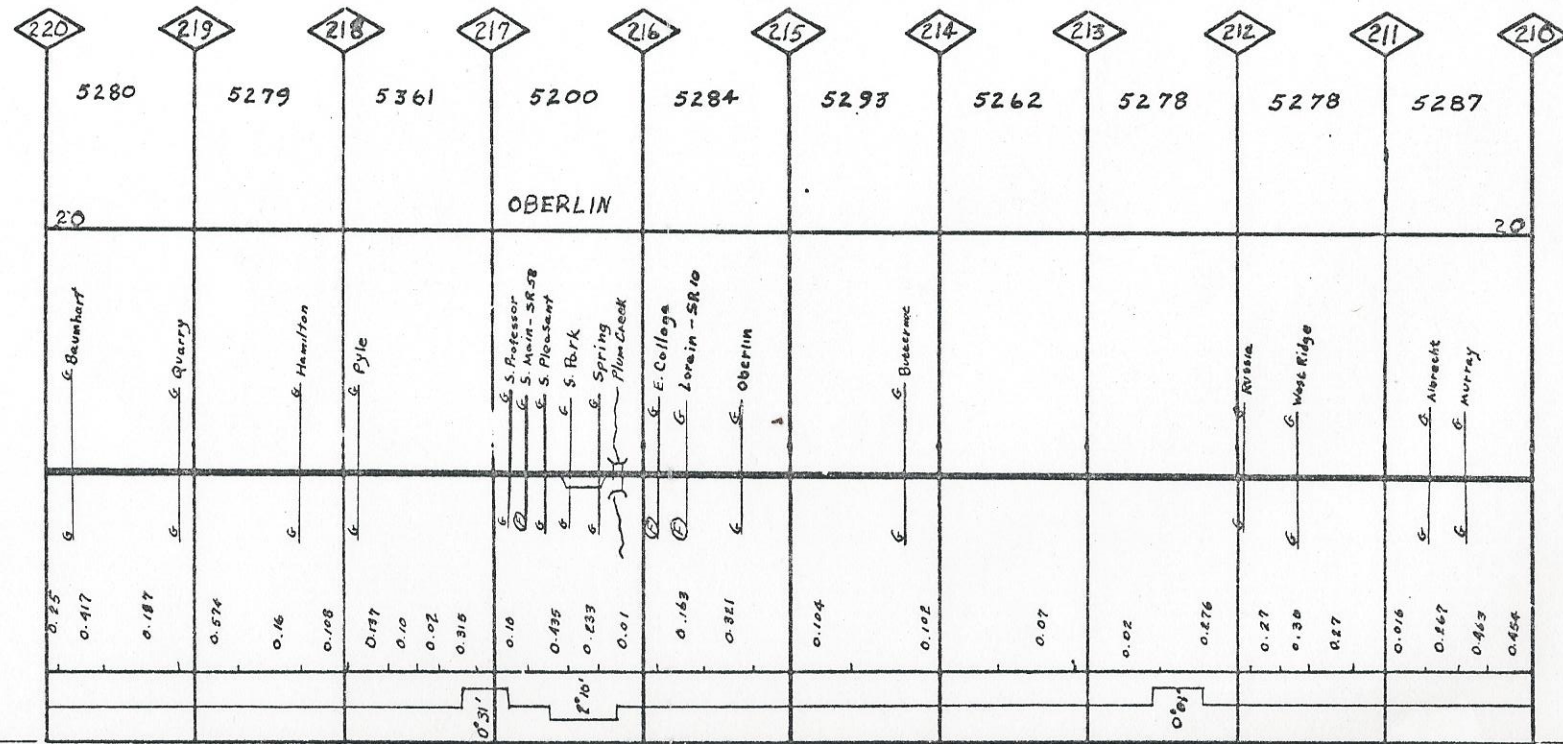
0

GRINDING
 BUILDING
 SURFACING
 LINES
 LARS
 RAIL
 RAIL - CLEAN
 JOINT STR.

05-25

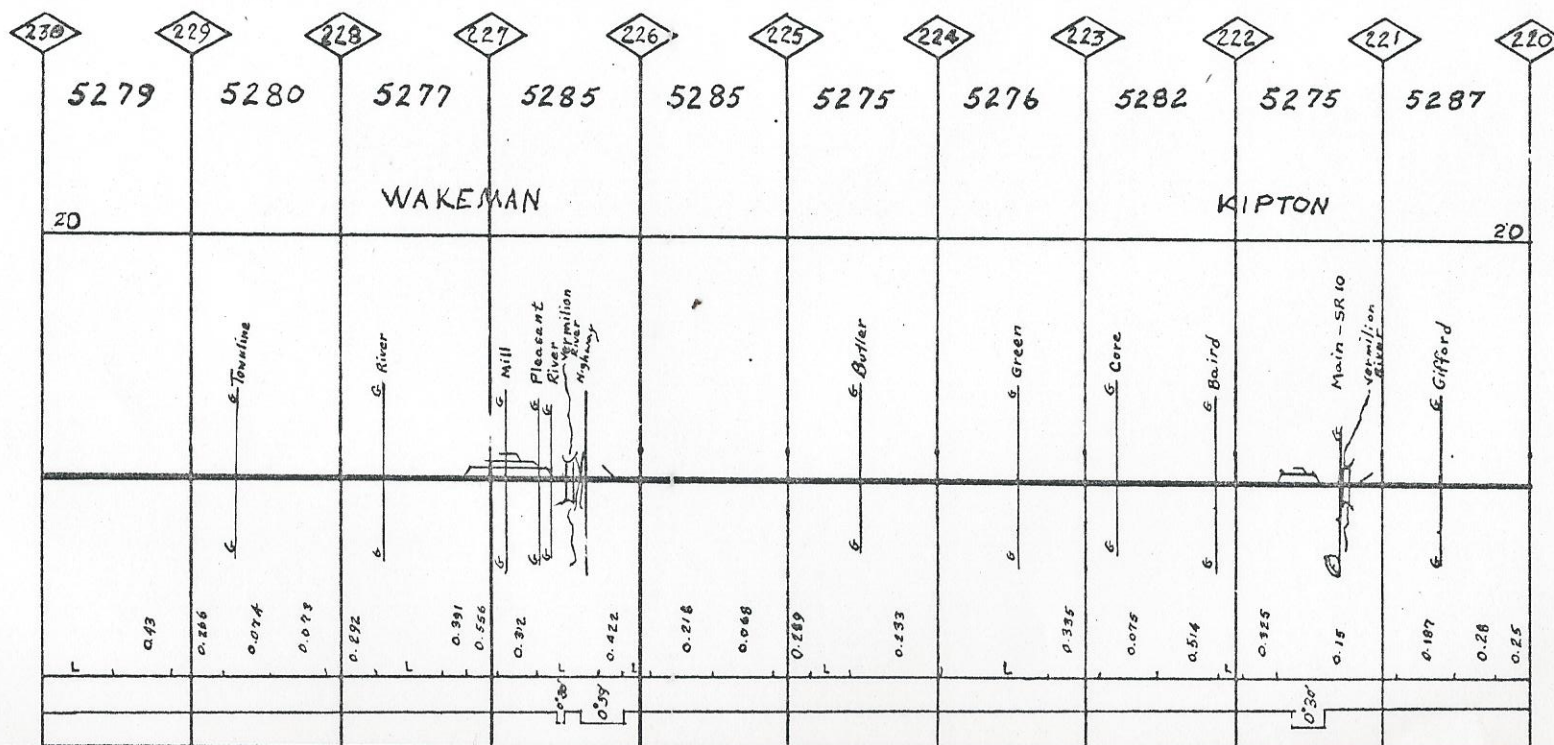
05-25

001



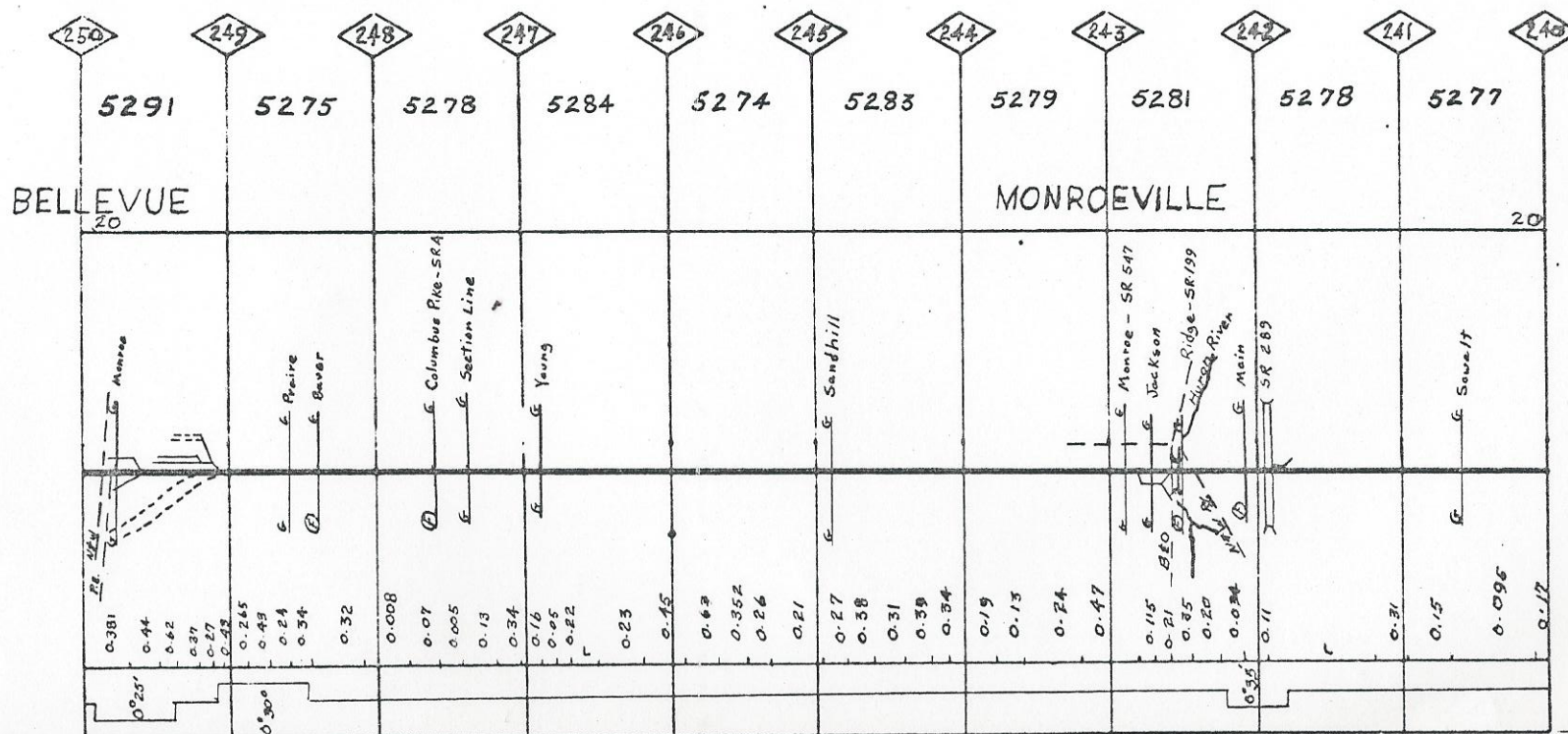
GRINDING	
WELDING	
SURFACING	
TIES	57
BARS	
SOIL	05-23
RAIL CLEAN	
JOINT STR.	

001.



GRINDING	
WELDING	
SURFACING	
TIES	45
RRS	
RAIL	05-25
RAIL CLEAN	
JOINT STR.	

001



[illegible][illegible]

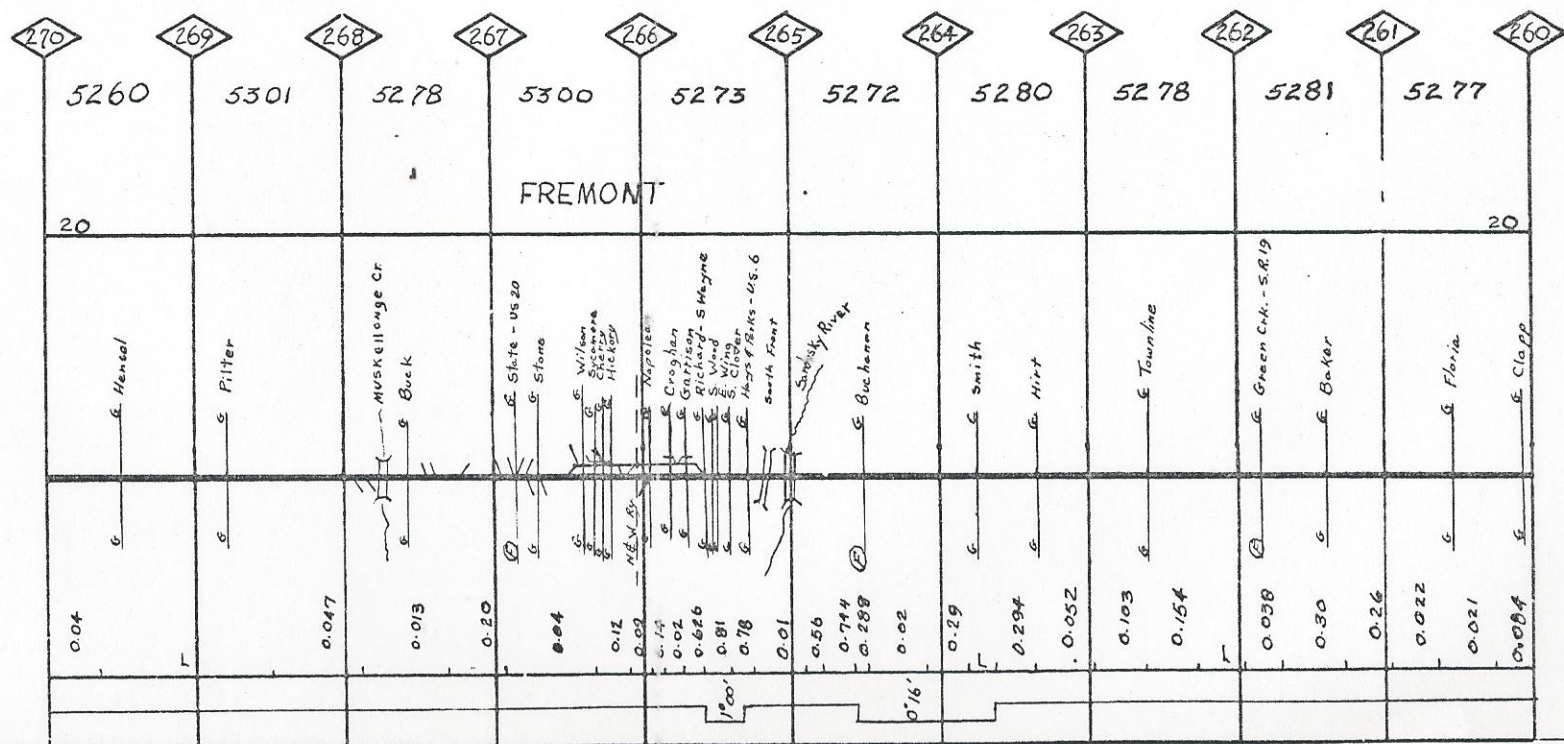
WESTERN REG. NORWALK BR. MP 250.0 - MP 260.0

3-6-33

45

GRINDING	
WELDING	
SURFACING	
TIES	
BARS	
RAIL	05-28
RAIL - CLEAN	
JOINT STR.	05-29

001

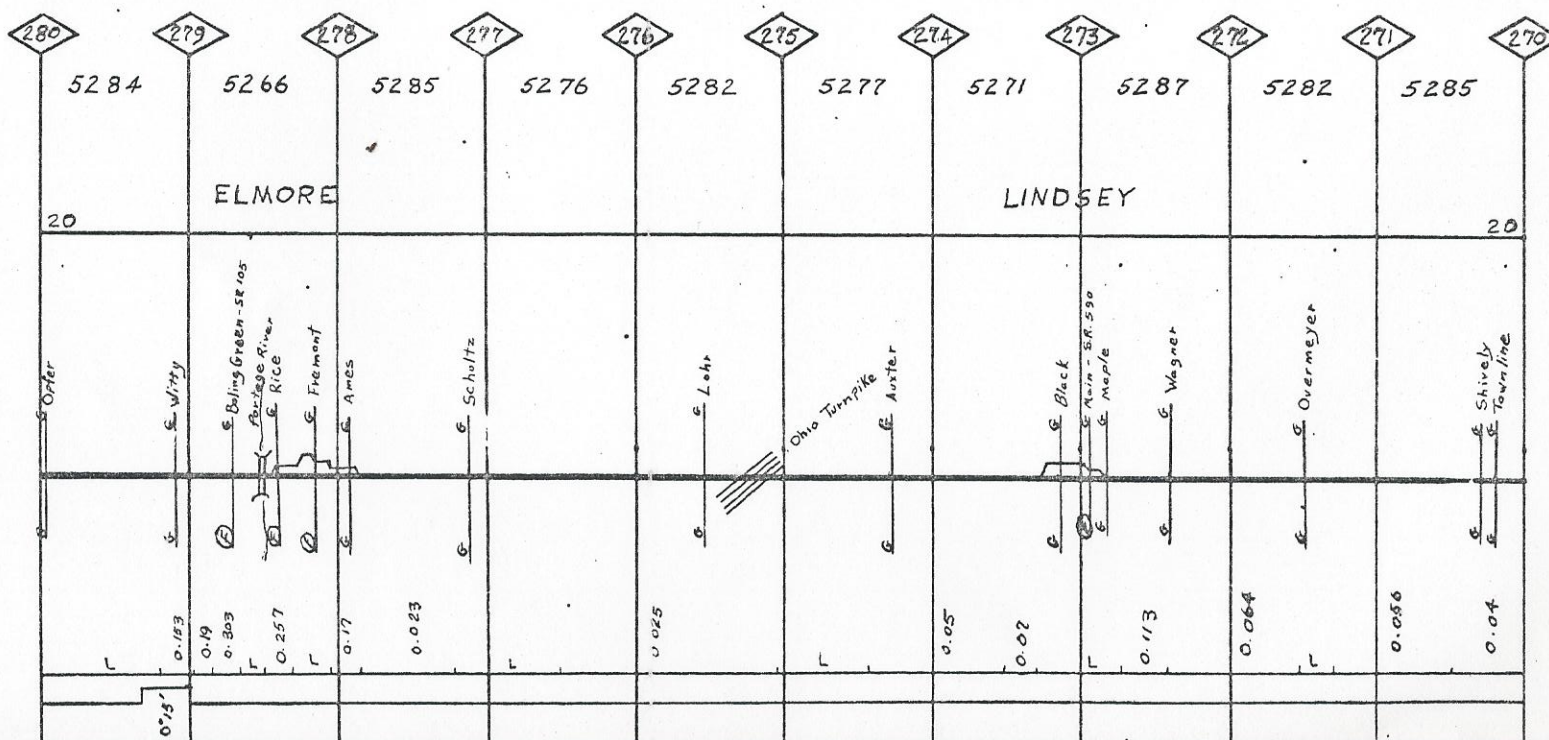


GRINDING
WELDING
SURFACING
TIES
BARS
RAIL
BAL. CLEAN
JOINT STR.

05-27

05-28

001

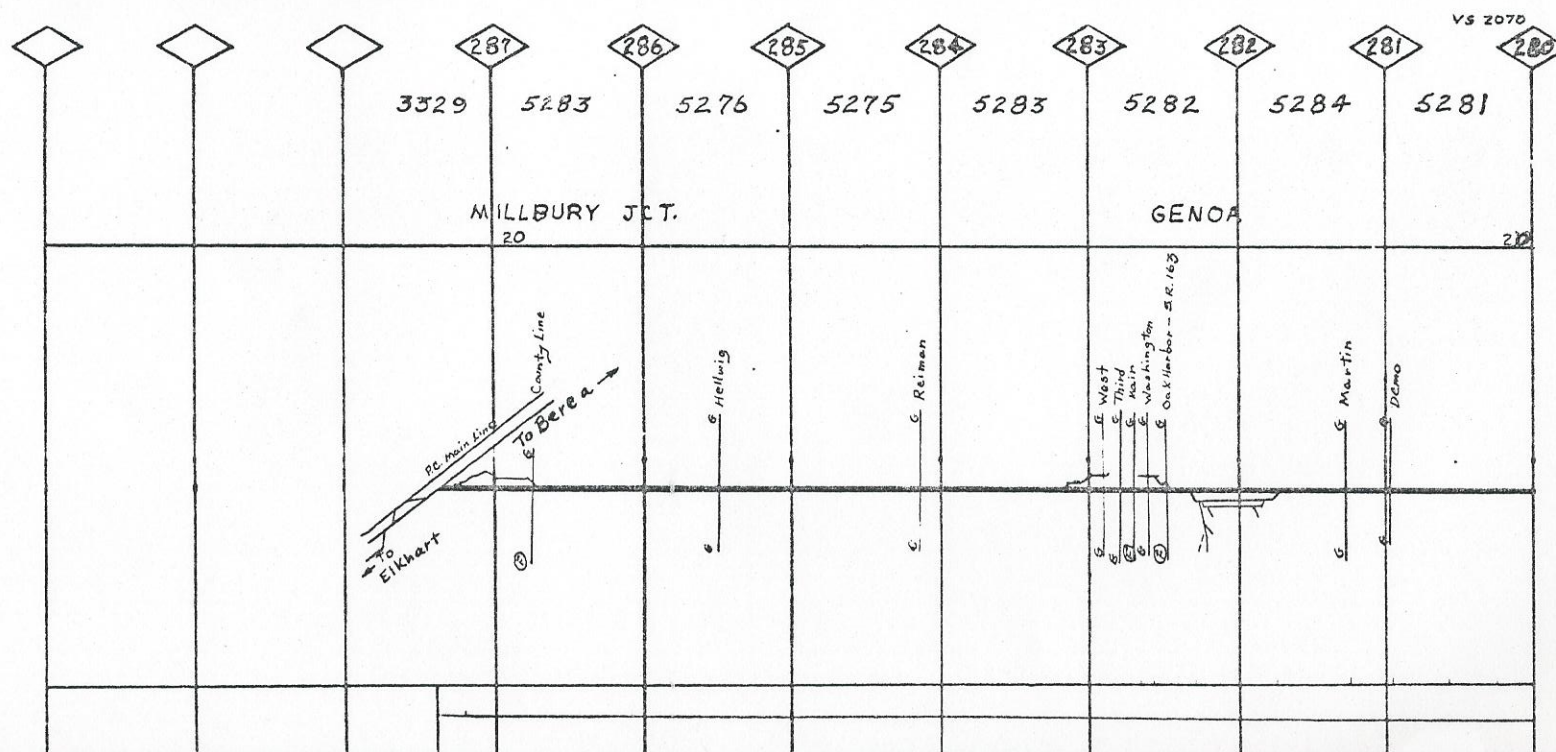


WESTERN REG. NORWALK BR. MP 270.0 - MP 280.0

3-6-33

GRINDING	
WELDING	
SURFACING	
TIES	
BARS	
RAIL	05-27
RAIL - CLEAN	
JOINT STR.	

001.

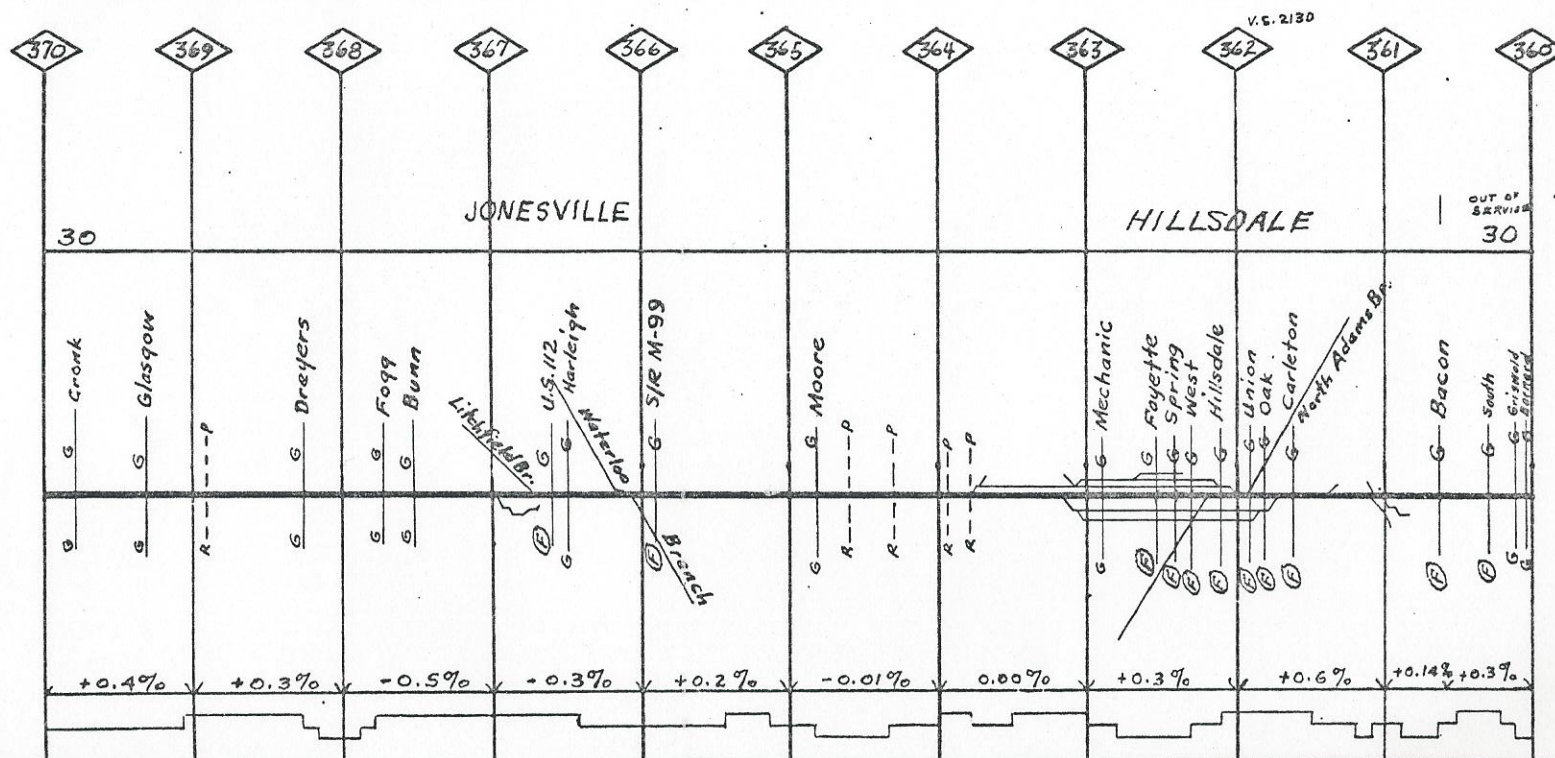


GRINDING					
WELDING					
SPRACING					
TESTS	471	50		55	
WORKS			46		
PAINT		05-22	1		05-21
BL. CLEAN					
PAINT STR.					

WESTERN REG. HILLSDALE BR.

[illegible]

007



[illegible]

380 379 378 377 376 375 374 373 372 371 370

QUINCY ALLEN

30 30

Hogback Rd. U.S. 112 Arnold Church Main Brown Highway Squires Highway Van Wert Thompson S. Allen M-49 Condra Benlow

+0.3% -0.3% -0.2% +0.1% +0.2% +0.2% +0.3% +0.2% -0.03% +0.4%

WESTERN REG. OSSEO OLD ROAD BR. MP 370.0-MP 380.0 3-6-34

0

[illegible]

390	389	388	387	386	385	384	383	382	381	380
BATAVIA					COLDWATER					
30										30
G Main R - - - P	G Highway R - - - P R - - - P R - - - P	R - - - P G Highway G "	G Highway R - - - P R - - - P R - - - P R - - - P	R - - - P	G Jay St. G Clay St. G Division G Jefferson G Bennett	G Sprague G Michigan O.H. I-69	G Highway R - - - P G Highway R - - - P	R - - - P G Highway G "	G Highway R - - - P	
+0.4%	+0.4%	-0.3%	+0.3%	-0.3%	+0.2%	+0.3%	0.00%	+0.3%	+0.3%	

[illegible]

The plan view shows a road section in Bronson. The road is oriented vertically, with stationing increasing from 390 at the bottom to 399 at the top. The road is divided into two main sections by a horizontal line at station 395.5, which represents a bridge structure. The road is marked with 'G' and 'R' symbols, indicating different types of road features or materials. The road is labeled 'Highway' in several places. The centerline of the road is shown with cross-slopes of 0.00% and 0.02%. The plan also shows a north arrow pointing towards the top right.

Station	Feature / Label	Grade / Slope
390.0	Highway	+0.02%
390.5	Highway	+0.4%
391.0	Highway	+0.4%
391.5	Highway	-0.3%
392.0	Highway	0.00%
392.5	Highway	+0.02%
393.0	Highway	0.00%
393.5	Highway	+0.34%
394.0	Highway	+0.2%
394.5	Highway	-0.1%

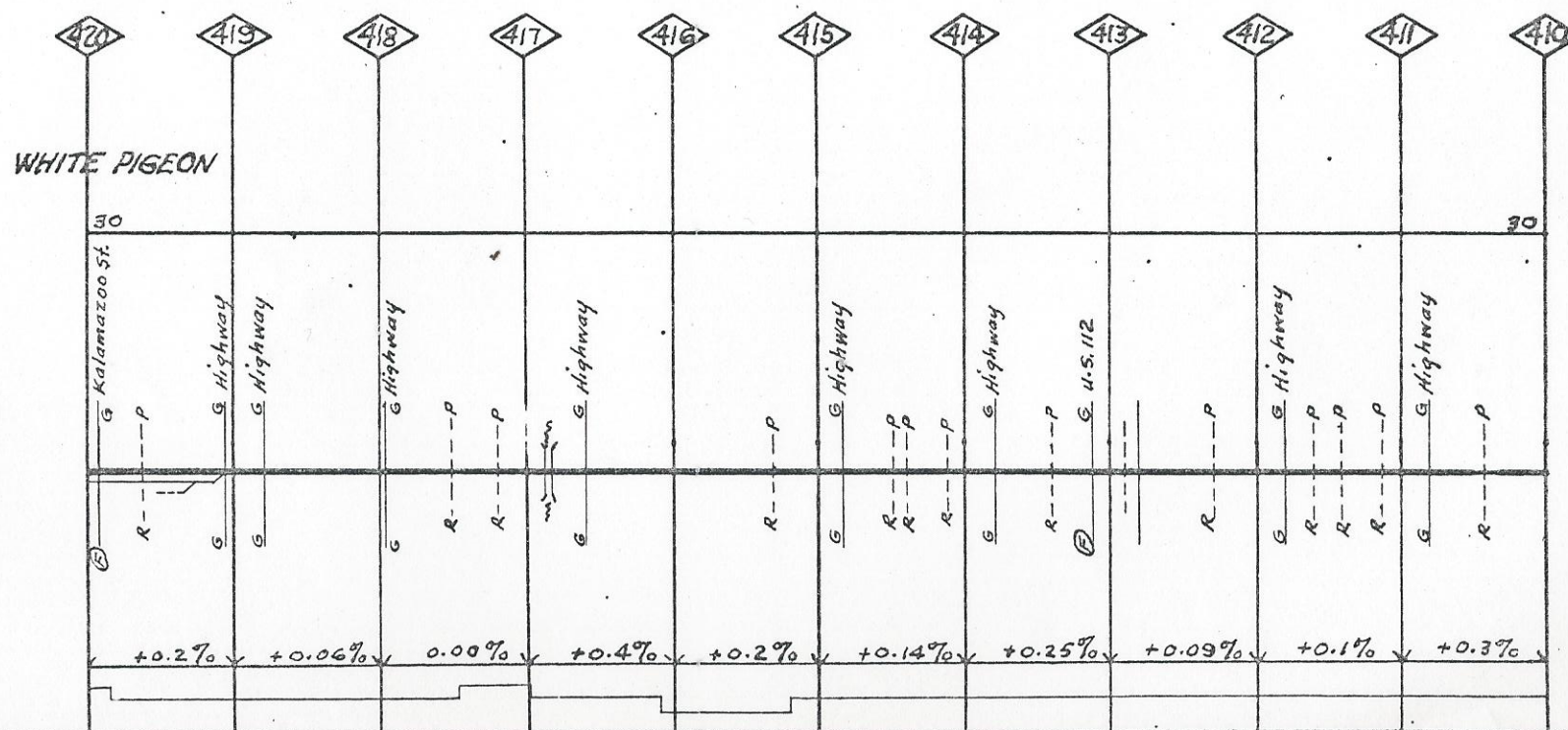
WESTERN REG. OSSEO OLD ROAD BR. MP 390.0-MP 400.0 3-6-34

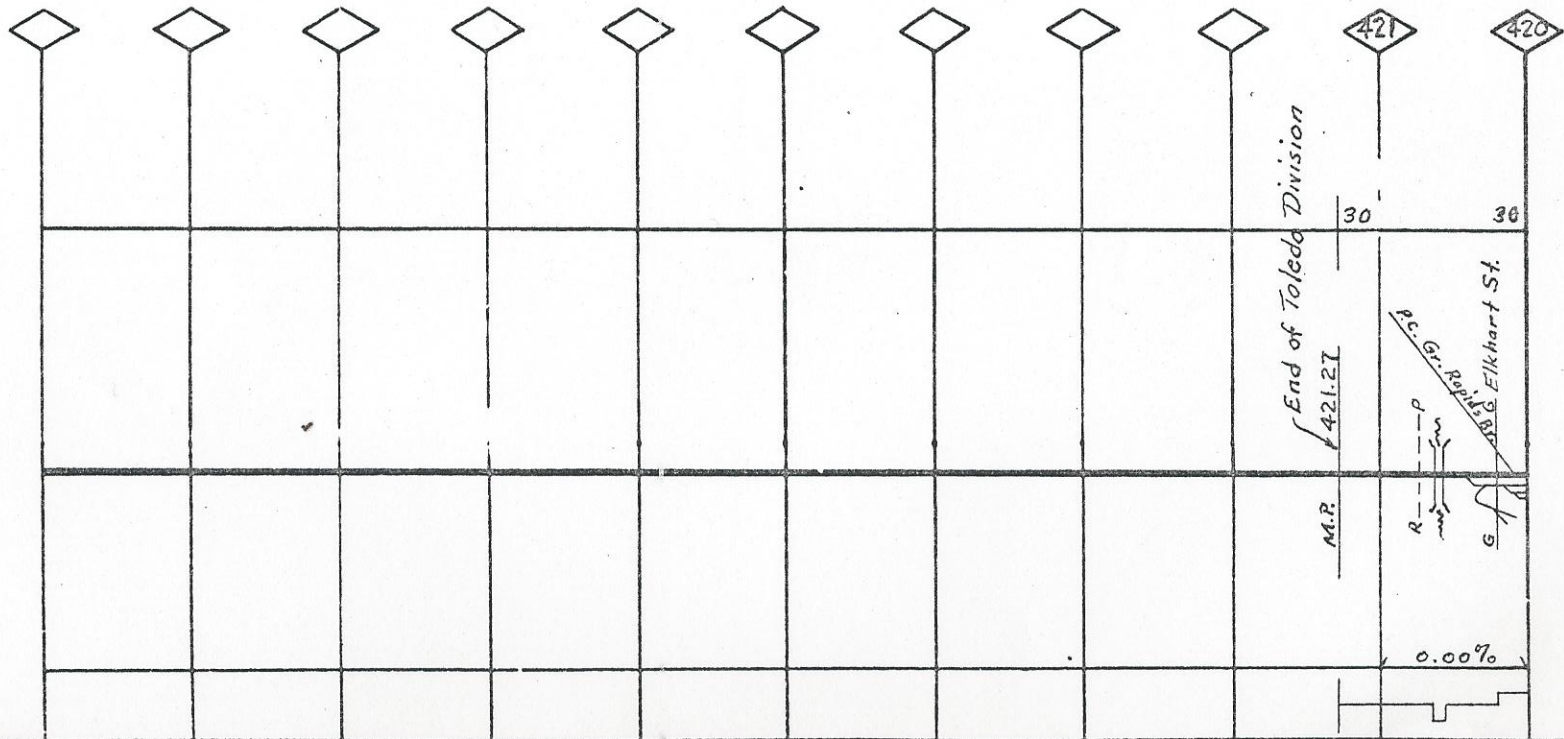
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[illegible][illegible]

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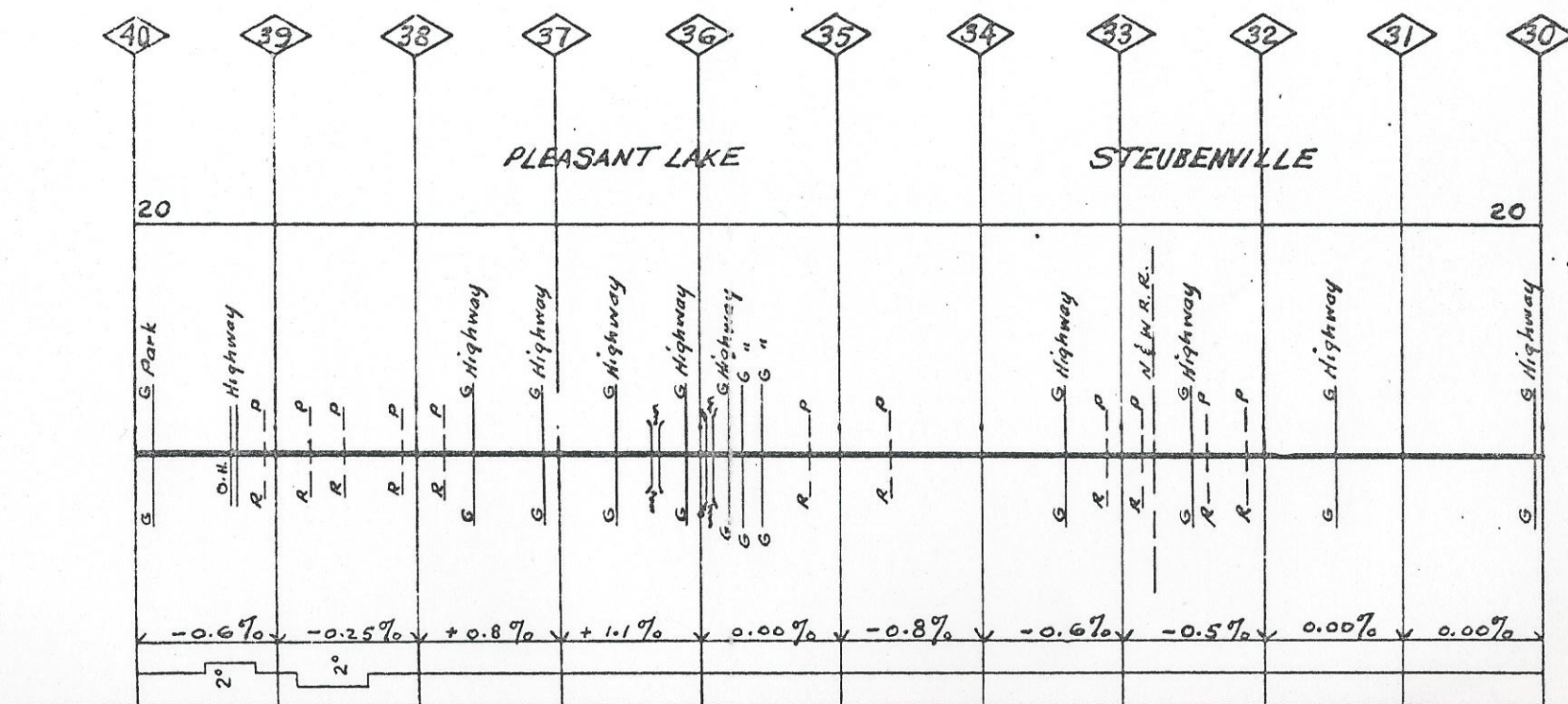
007.





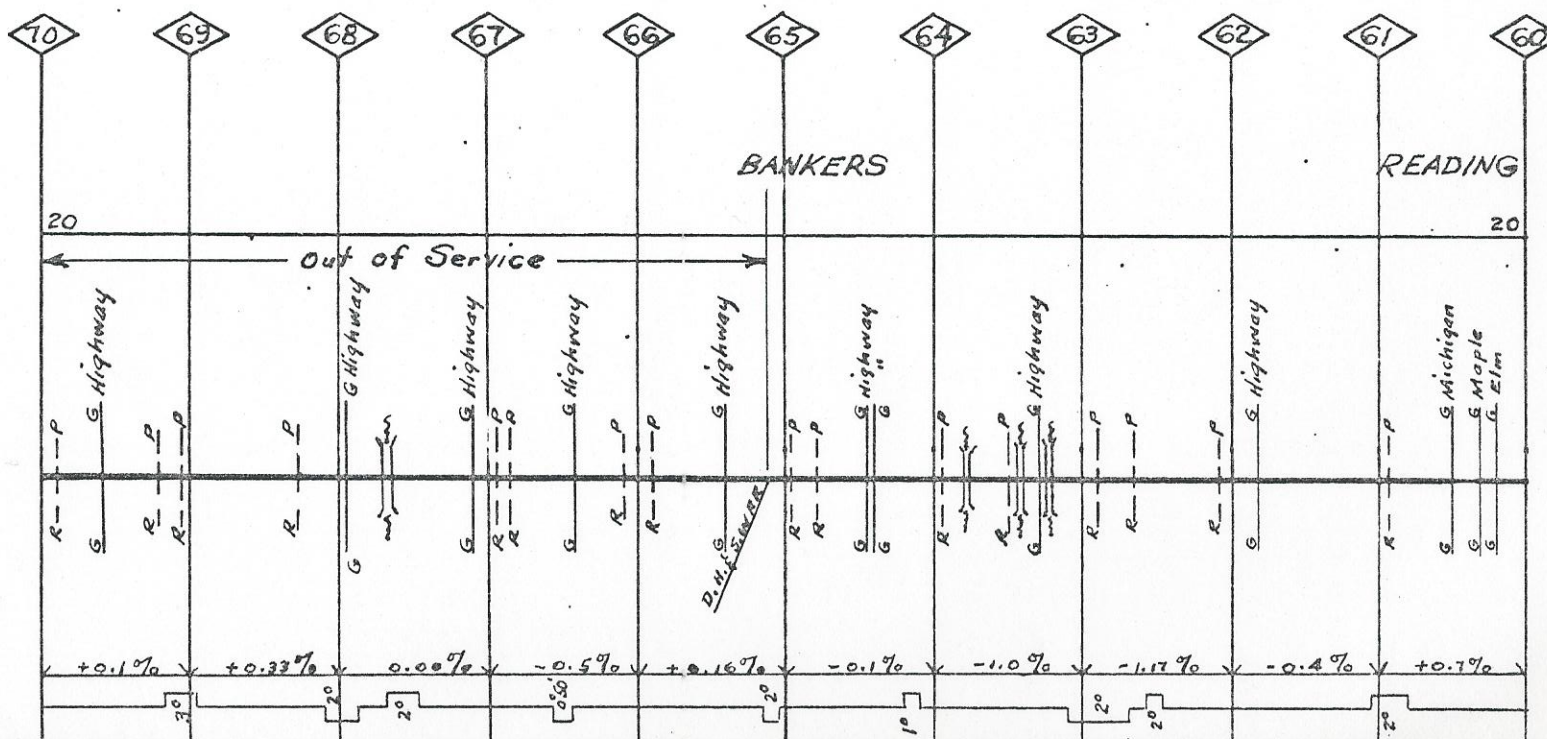
GRINDING		
WELDING		
SURFACING		
TIES		47
RAILS	57H	
RAIL	05-26	05-25
RAIL - CLEAN		
JOINT STR.		

007



[illegible]

001



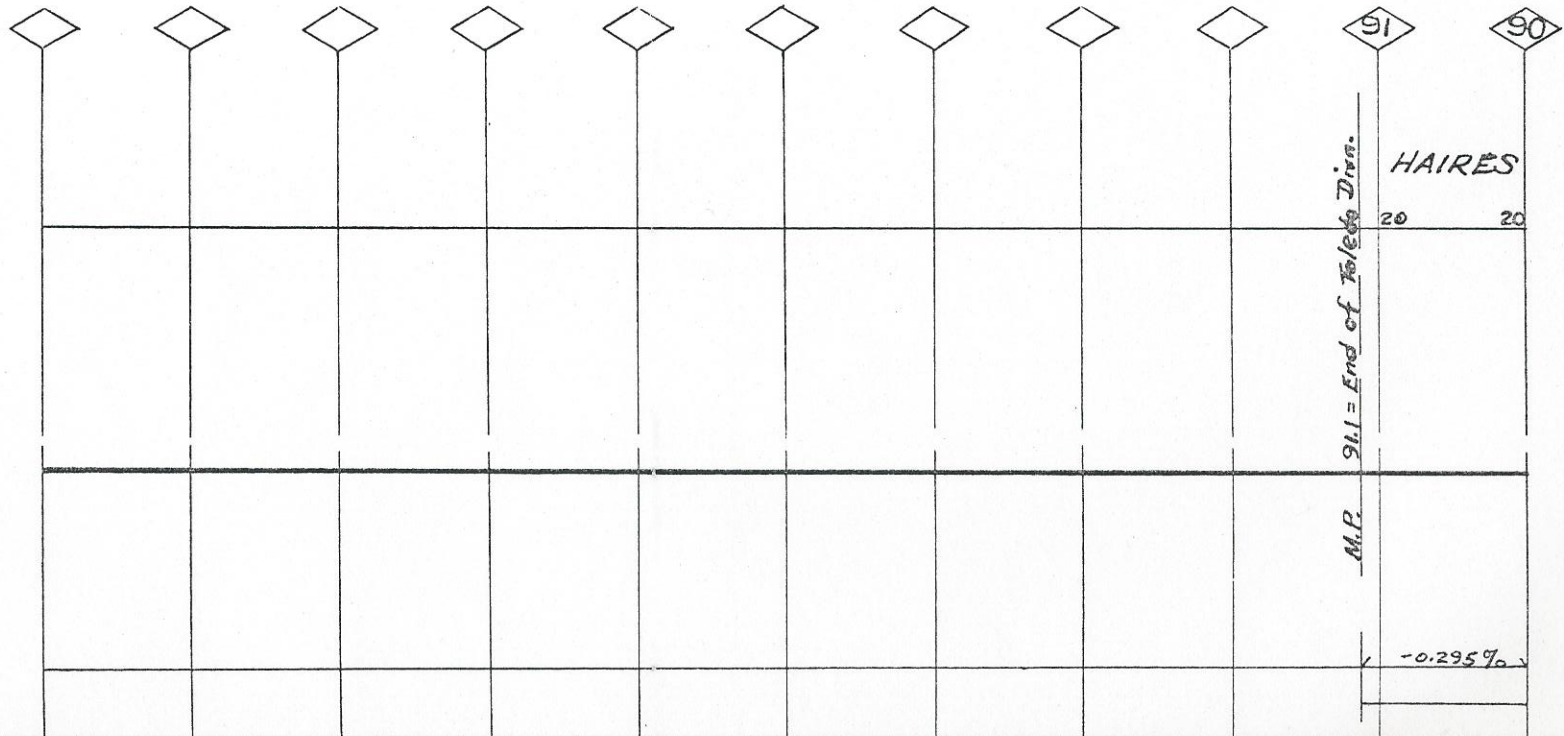
[illegible]

Hand-drawn profile view of a highway section from station 70 to 80. The drawing shows the ground profile, a proposed highway grade, and various features like "Highway", "R", "P", and "Q. U. S. Rt. 112". The vertical axis is labeled "20" at the top. The horizontal axis shows stationing from 70 to 80. The profile view includes a dashed line for the proposed grade and a solid line for the existing ground. The ground profile shows a series of peaks and valleys. The proposed grade is a straight line with a slight downward slope. The vertical curve is labeled "20" at the top. The horizontal axis is labeled "20" at the right end.

60

GRINDING	
WELDING	
SURFACING	
YES	47
NO	
RAIL	90-23
RAIL CLEAN	
JOINT STR.	

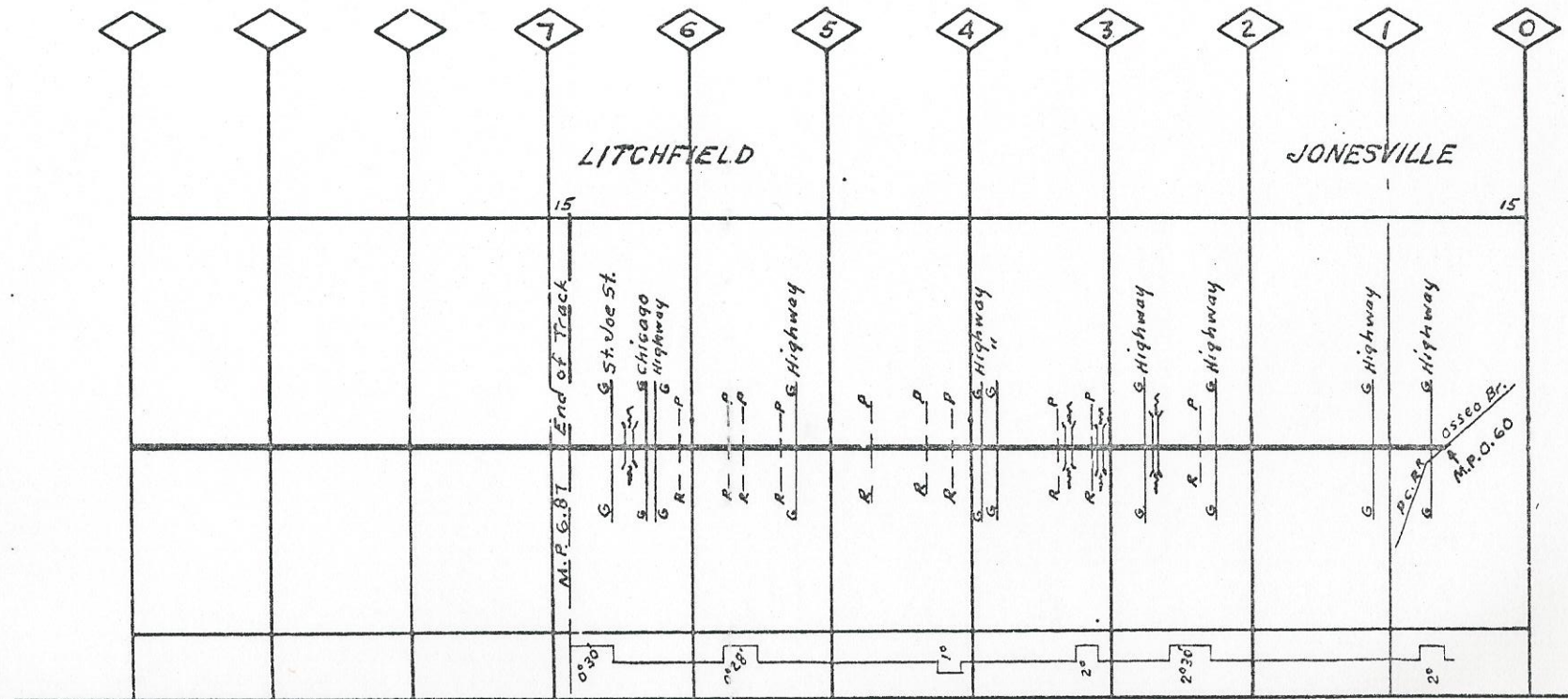
001



69

GRINDING			
WELDING			
SURFACING			
LIES			
BAR			
RAIL	00-23R	80-24R	80-10
PAINT CLEAN			
JOINT STR.			

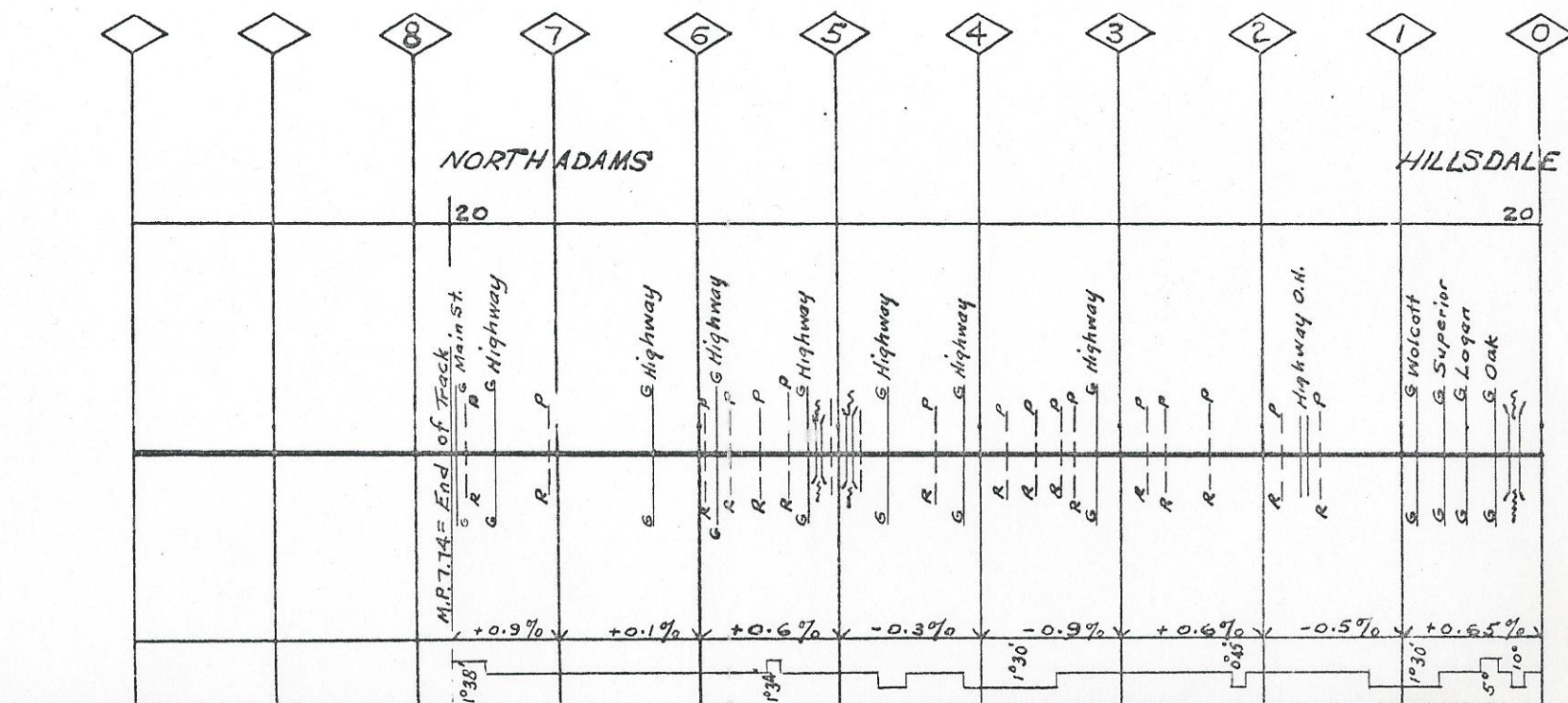
001



GRINDING
WELDING
SURFACING
TIES
BARS
RAIL
BAL. CLEAN
JOINT STR.

10025

001.

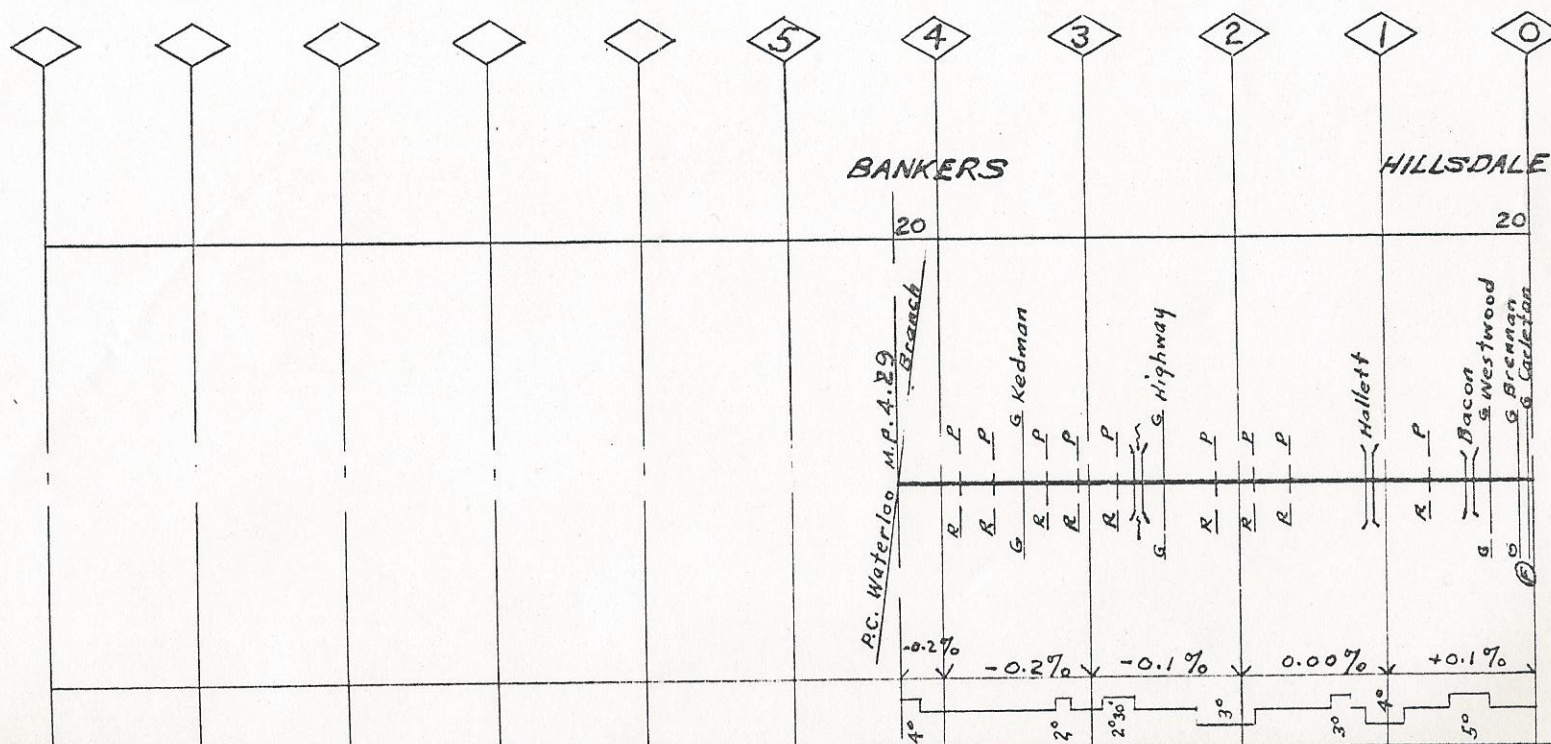


WESTERN REG. N. ADAMS BRANCH MP 0.0 - MP 7.7

3-6-38

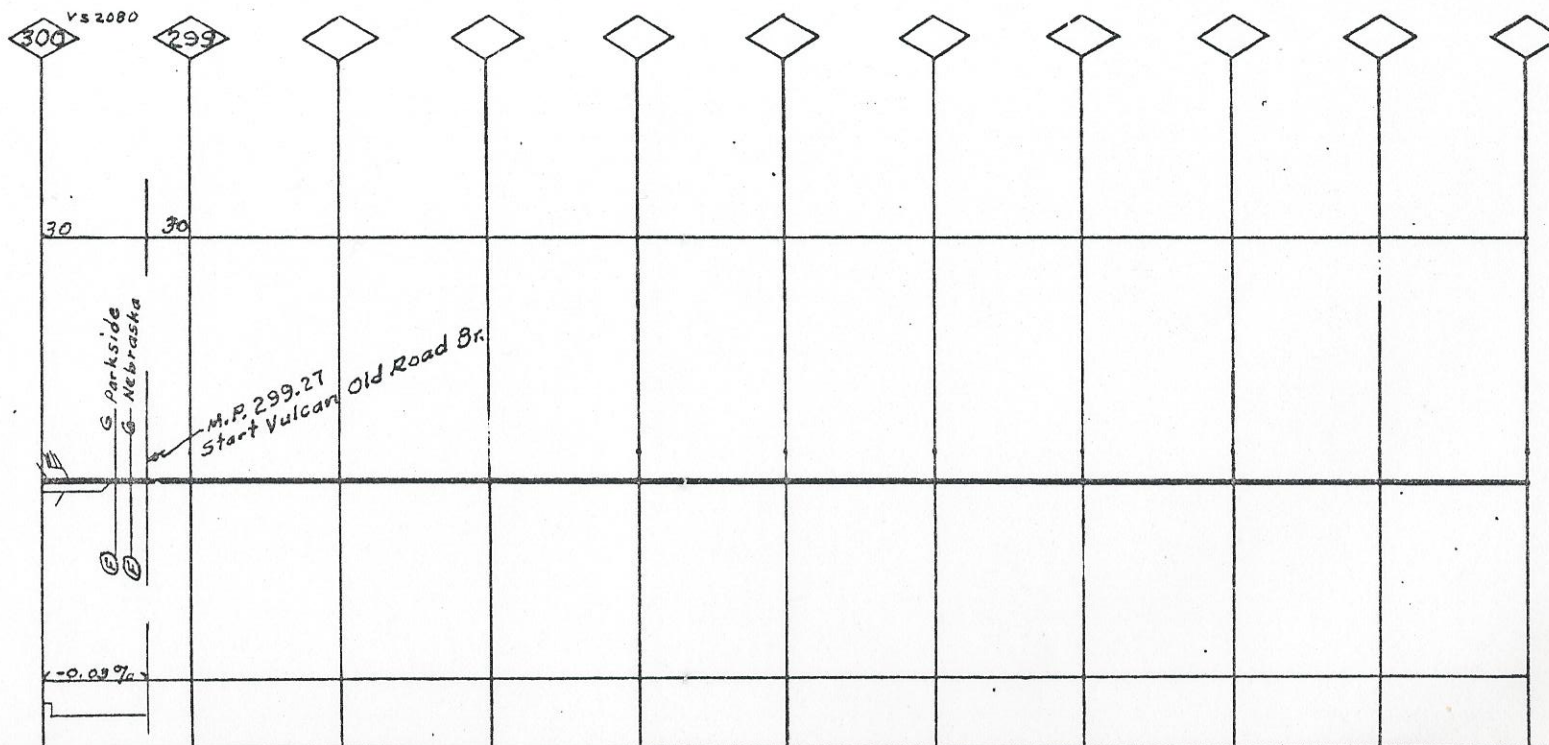
GRINDING	
WELDING	
SURFACING	
PIES	
BARS	
RAIL	80-29
BAL. CLEAN	
JOINT STR.	

001.



GRINDING	
WELDING	
SURFACING	
ILES	55
BAR	55SH
PAV. CLEAN	27-55R
JOINT STR.	

001



[illegible]

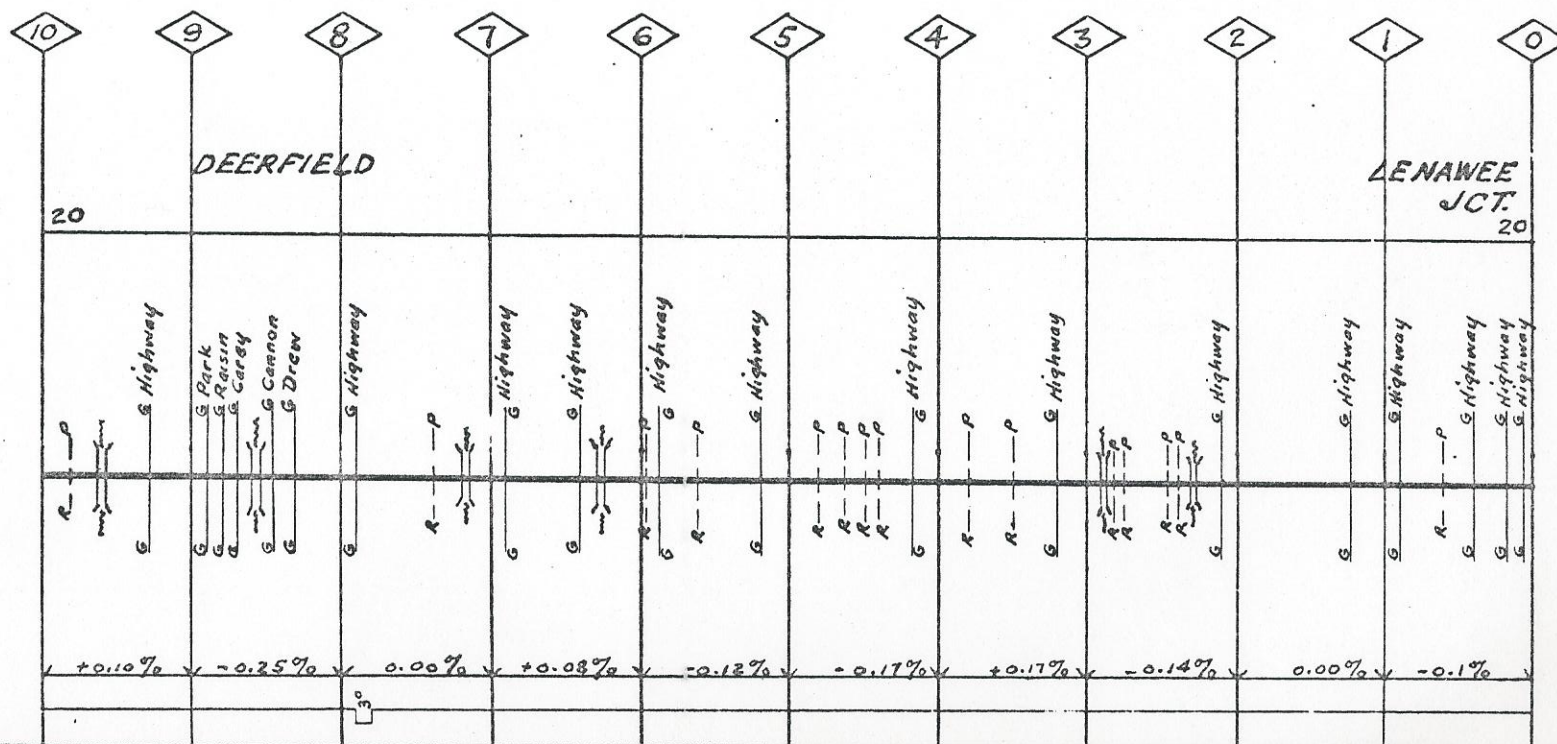
WESTERN REG. VULCAN-OLD RD. BR. MP 310.0 - MP 320.0 3-6-35

C

GRINDING
WELDING
SURFACING
TIES
BARS
RAIL
BAL. CLEAN
JOINT STR.

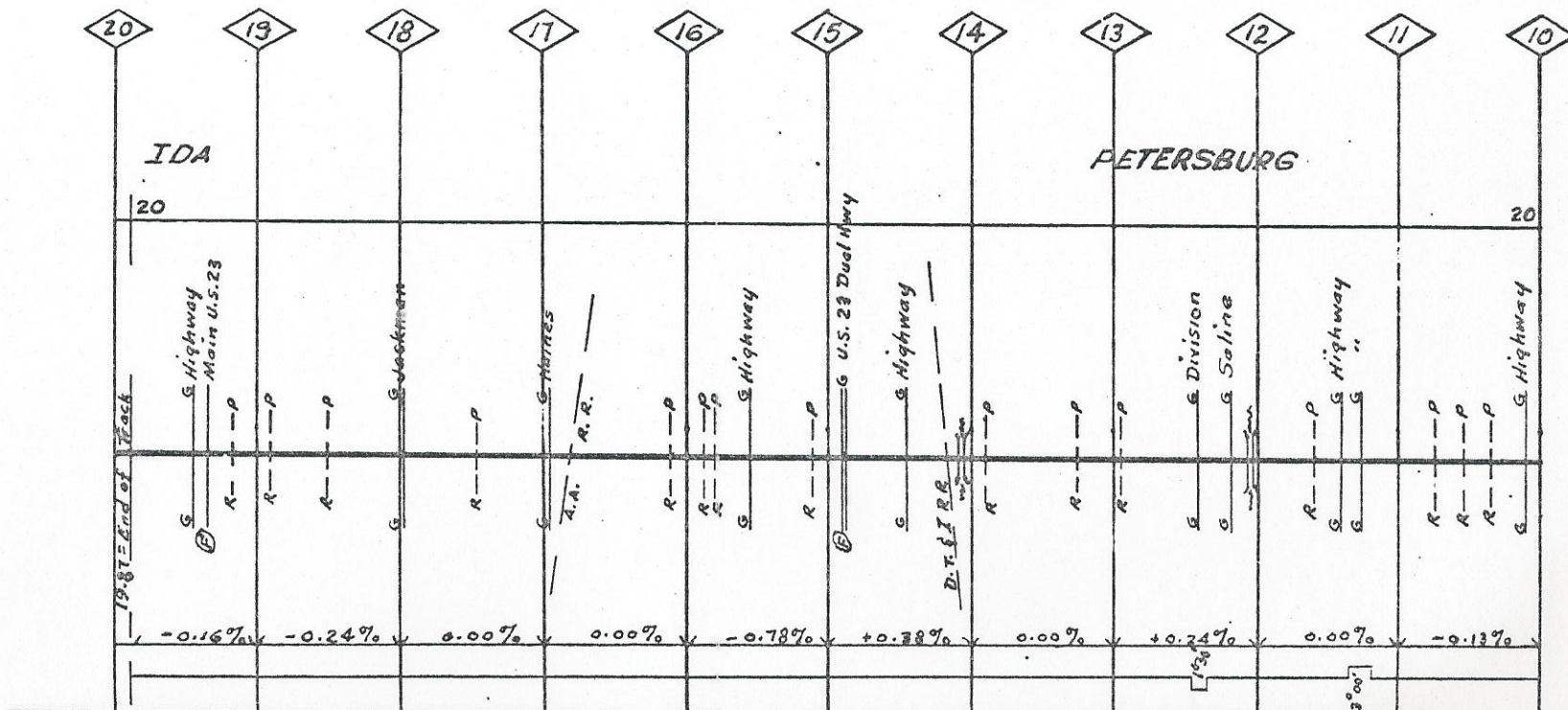
00-26R

001



[illegible]

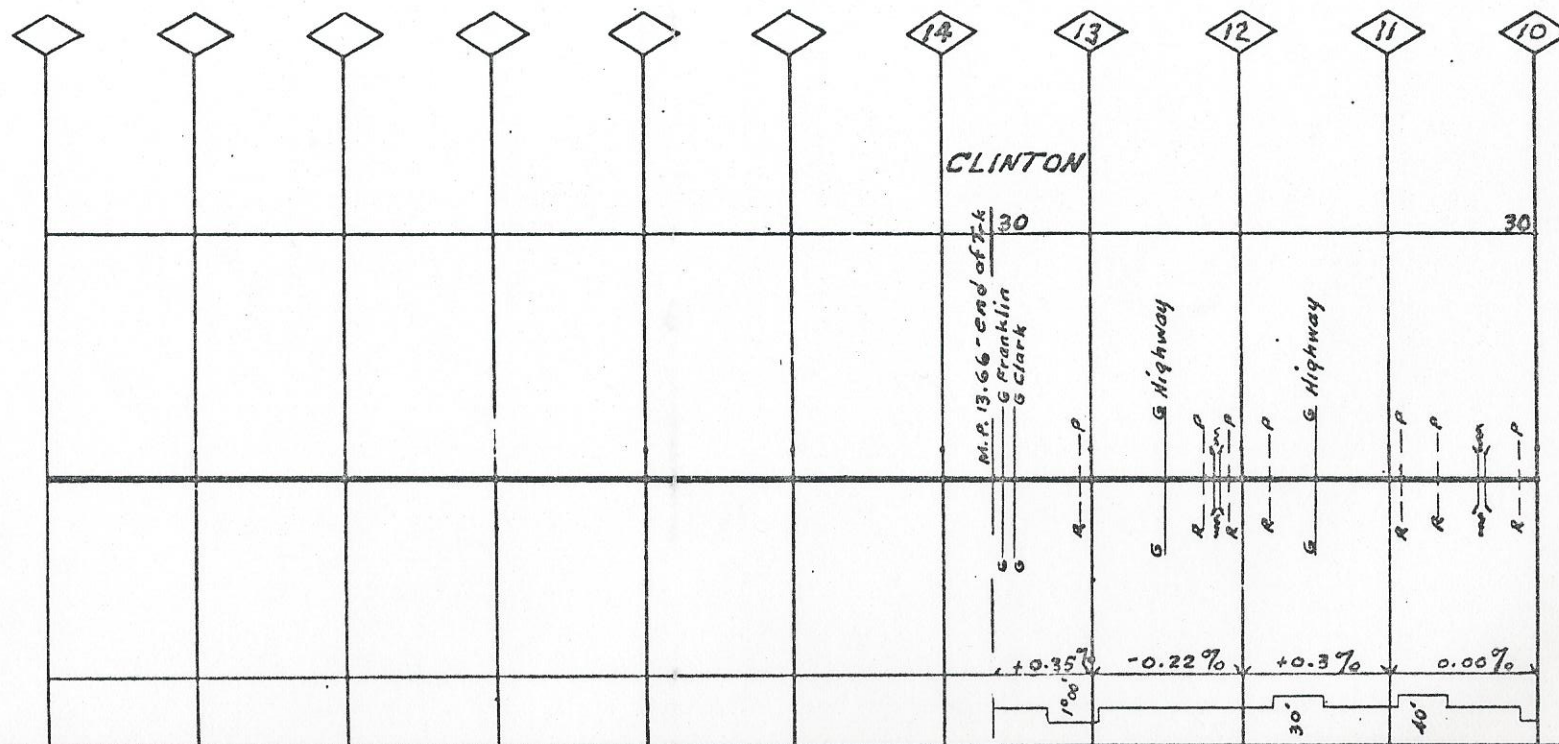
001.



[illegible]

GRINDING		
WELDING		
SURFACING		
TIES		56
BARS		
RAIL	05-29R	05-30R
RAIL CLEAN		
JOINT STR.		

001.



[illegible]

The drawing is a plan view of a road section divided into three segments: JASPER (stations 8-7), OGDEN (stations 6-3), and GROSVENOR (stations 2-0). Stationing is indicated by diamond-shaped markers at the top and along the right edge.

- JASPER Segment:** Features include Highway M-52, several parallel lanes labeled 'R' (Right) and 'P' (Left), and a centerline labeled 'G' (Grade).
- OGDEN Segment:** Features include Highway, several parallel lanes labeled 'R' and 'P', and a centerline labeled 'G'.
- GROSVENOR Segment:** Features include Highway, several parallel lanes labeled 'R' and 'P', and a centerline labeled 'G'.

At the bottom of the drawing, there is a series of numerical values representing grades or elevations: +0.03, 0.00%, -0.08, +0.2%, 0.00%, +0.13%, +0.9%, -0.5%, +0.6%, and -0.2%. A small box at the bottom right contains the value 1.30.

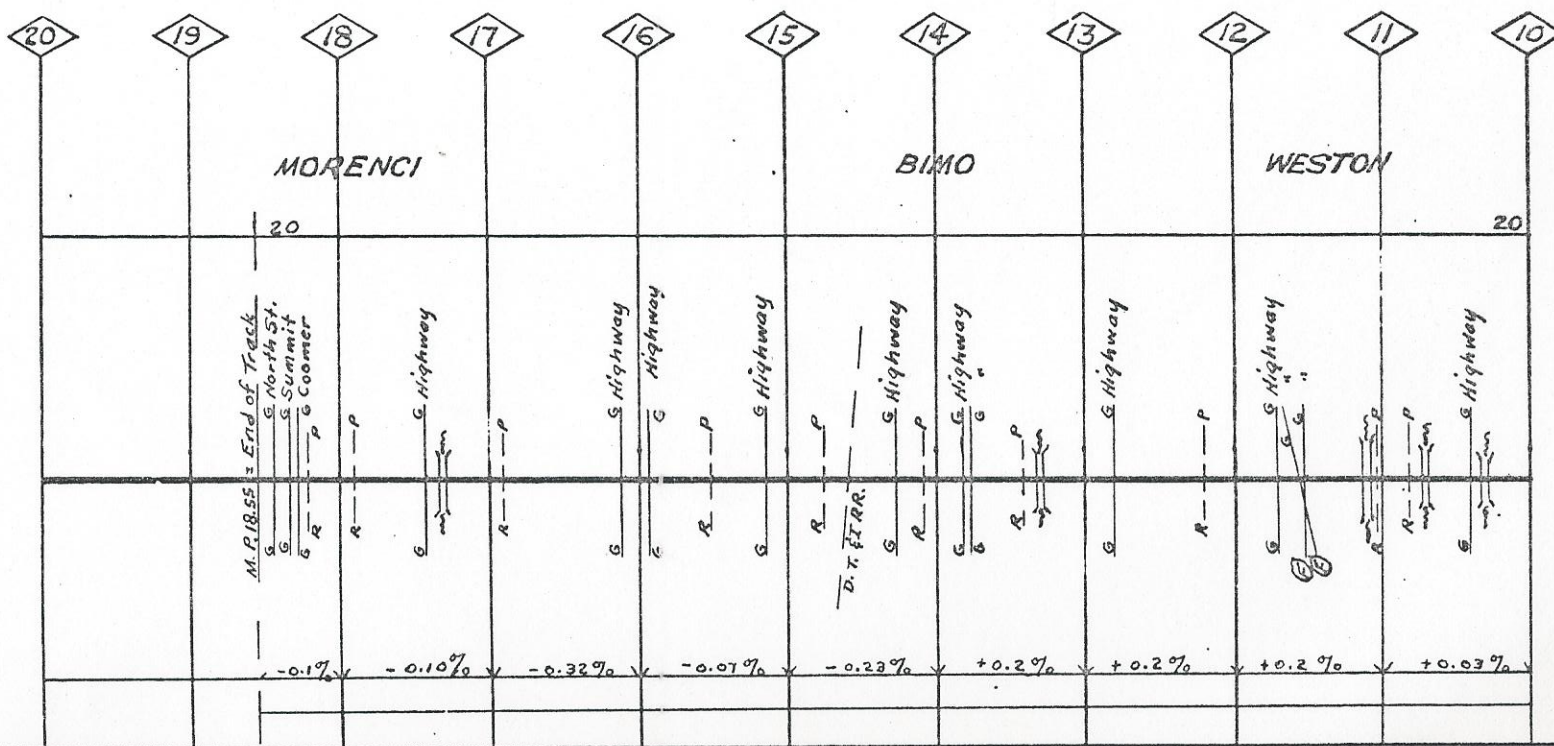
GRINDING
WELDING
SURFACING
TIES
BARS
RAIL
RAIL. CLEAN
JOINT STR.

52

57

85-26R

001



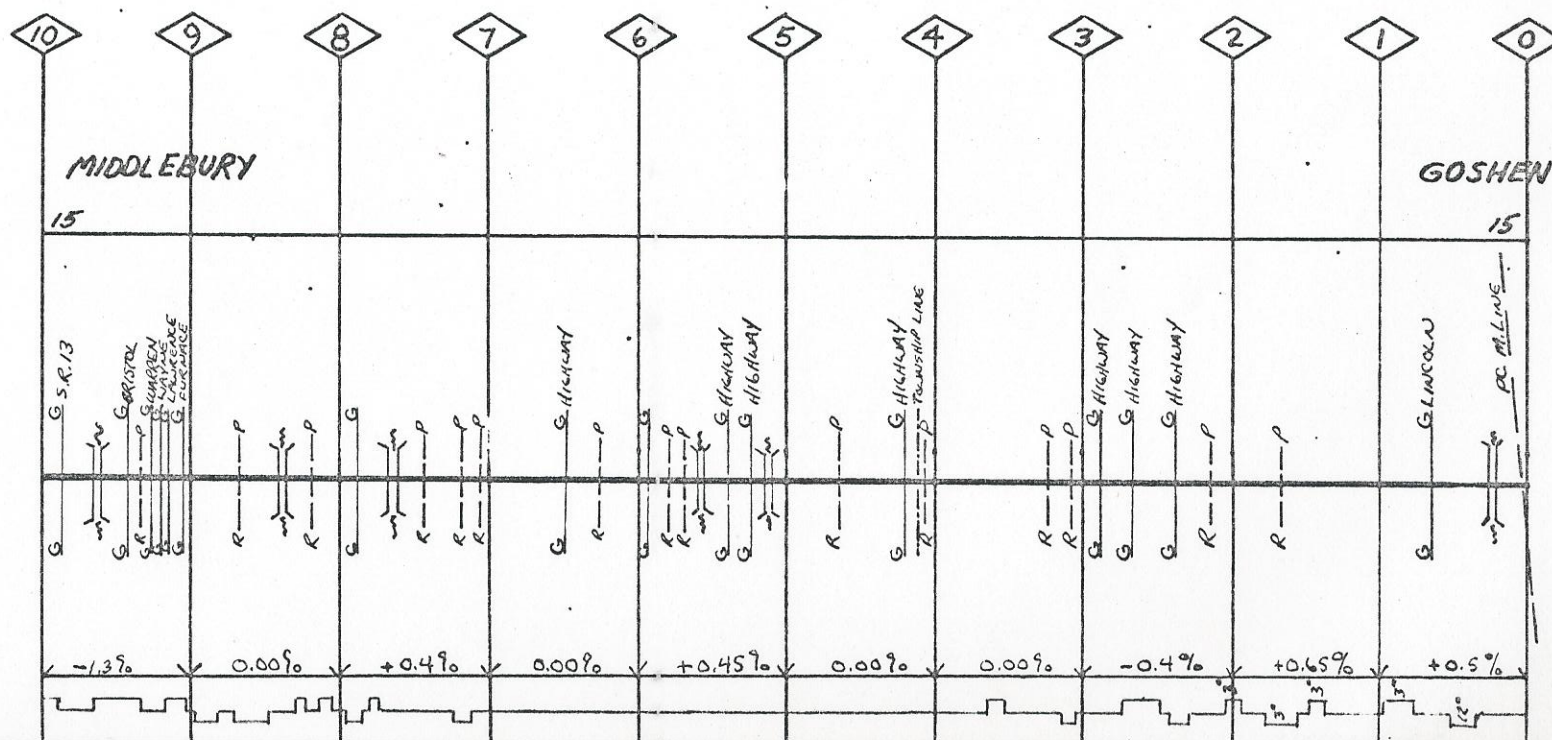
GRINDING
WELDING
SURFACING
TIES
BARS
RAIL
BAL. CLEAN
JOINT STR.

00-29R

00-28R

00-27R

00.1

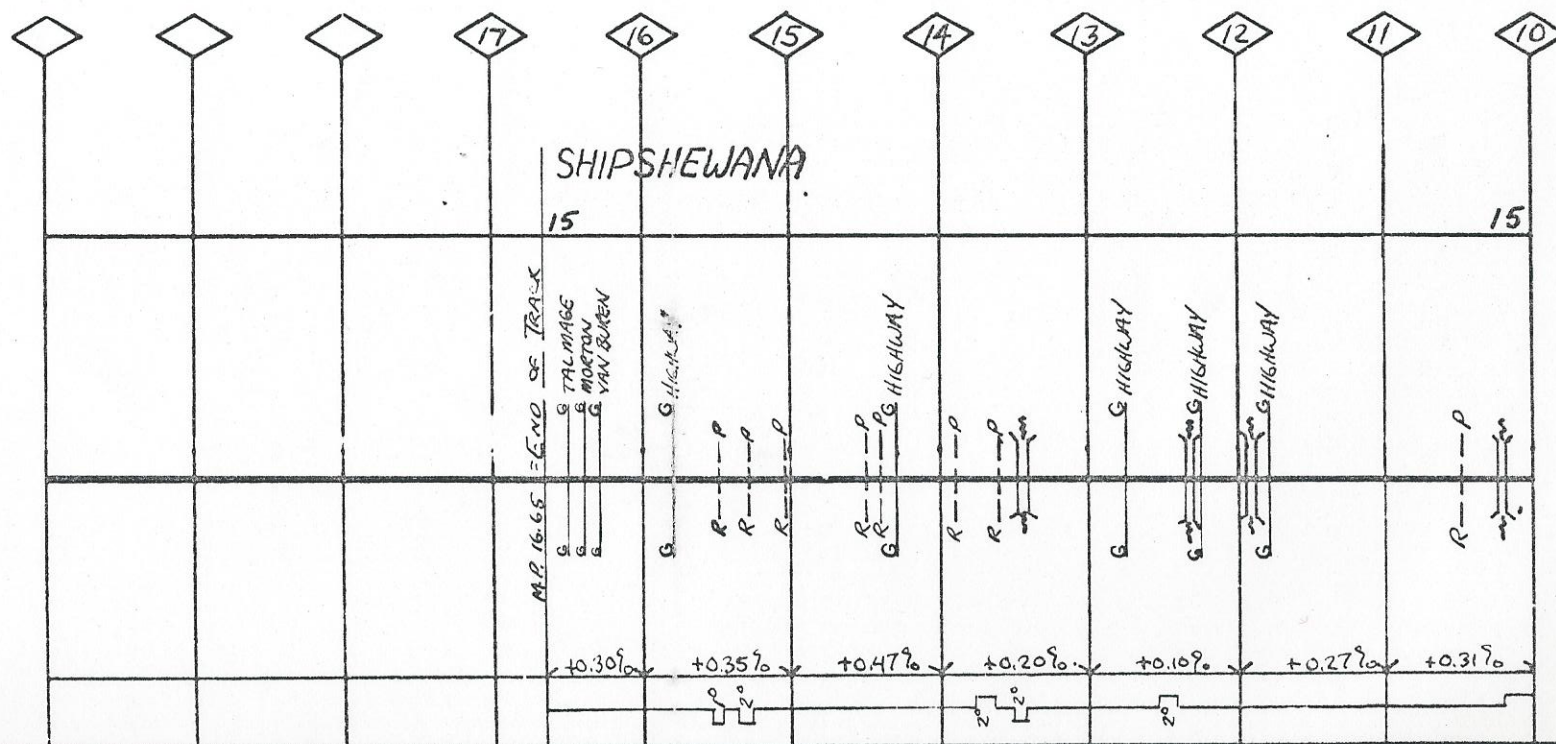


GRINDING
WELDING
SURFACING
TIES
BARS
RAIL
RAIL - CLEAN
JOINT STR.

00-28R

00-28R

001.



GRINDING
 POLISHING
 SURFACING
 12
 73E
 007
 V/////////1273/\\\\\\\\\\
 CLEAN
 CONT. 5.4

