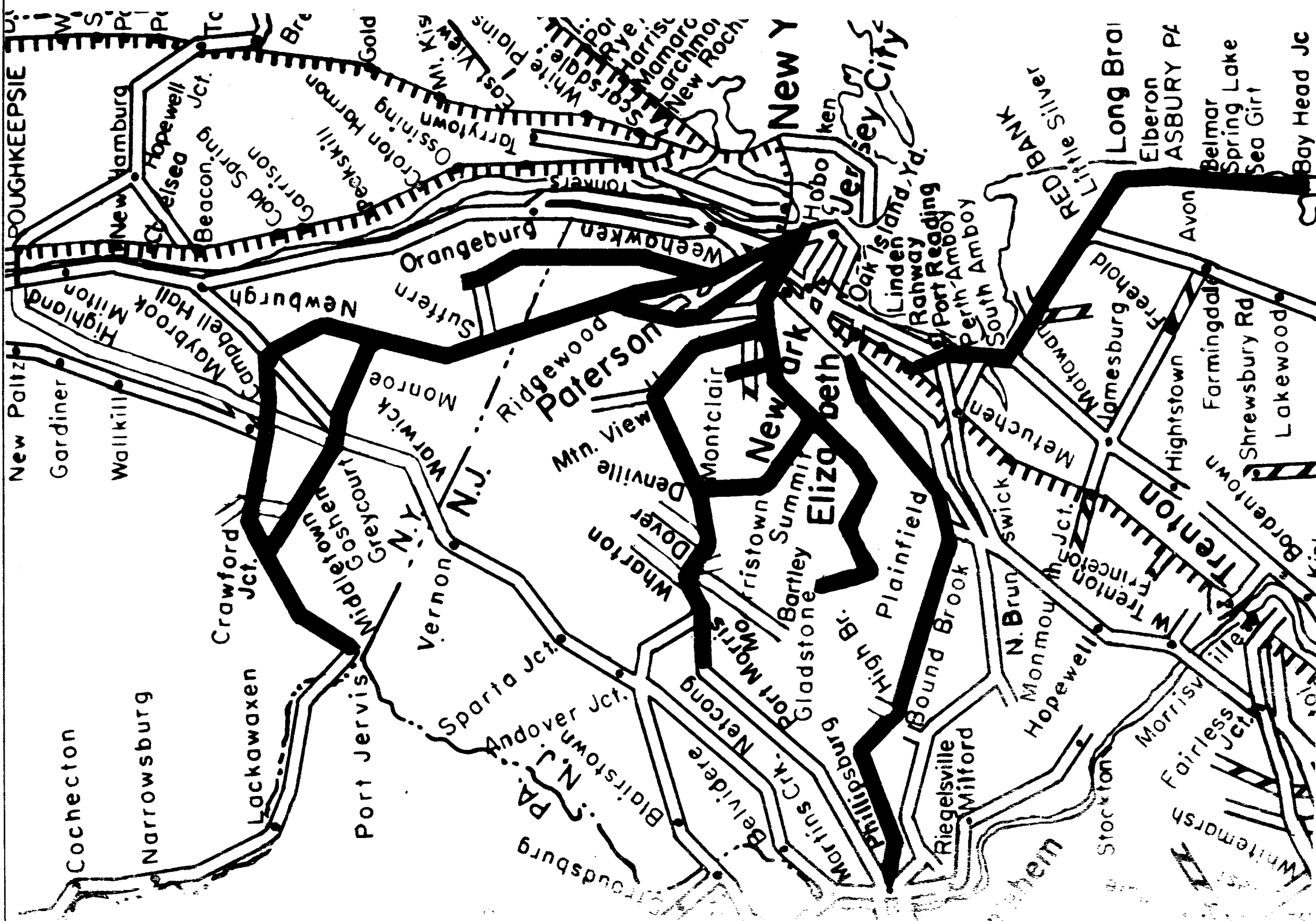




MAINTENANCE PROGRAM
AND
TRACK CHART

NEW JERSEY
COMMUTER REGION

1982



CONDITIONS		CODES
GRINDING	(NO. OF PASSES)	
WELDING	E = Electric TW = Thermit Weld G = Gas	
SURFACING	TYPE OF MACHINE USED E = Electromatic P= Plasser EM = Electromatic & Electromatic Jr. R=Railway Maint. Corp. J = Jackson T= Tamper M = Matisa P = Pullman (Mainly on Branch Lines)	
Ties	YEAR INSTALLED ONLY FOR MAJOR REHABILITATION ST = Safety tie installations of less than 400 ties/mile	
UNDER-CUTTING	PD = Plow (Bulldozer) PL = Plow (Loram) UK = Undercut (Kershaw) UP = Undercut (Plasser)	
RAIL	C = Cropped M = Modified F = Fit MM = Medium Manganese HT = Heat Treated T = Transposed /// = Continuous Welded Rail (Butt welded rails 79 feet or longer where laid in succession)	
NOTE:	On rail weights of over 100 lbs., the number 1 is dropped. Example: 140 lbs. would be written 40. The rail weight will precede the year rail was laid.	
BALLAST CLEANING	B = Brownhoist S = Speno L = Loram M = Mannix N = Nordberg P = Pullman	
TONNAGE	(MGT) In Million Gross Tons (Prior Year)	
COST CENTER	MAJOR COST CENTERS ONLY (MINOR COST CENTERS EXCLUDED) 7XXXX = Passenger Subsidy 61XXX = L.D.L. (Billable) 60XXX = Potential Abandonment Study Line 1XXXX = Major Joint Facility	

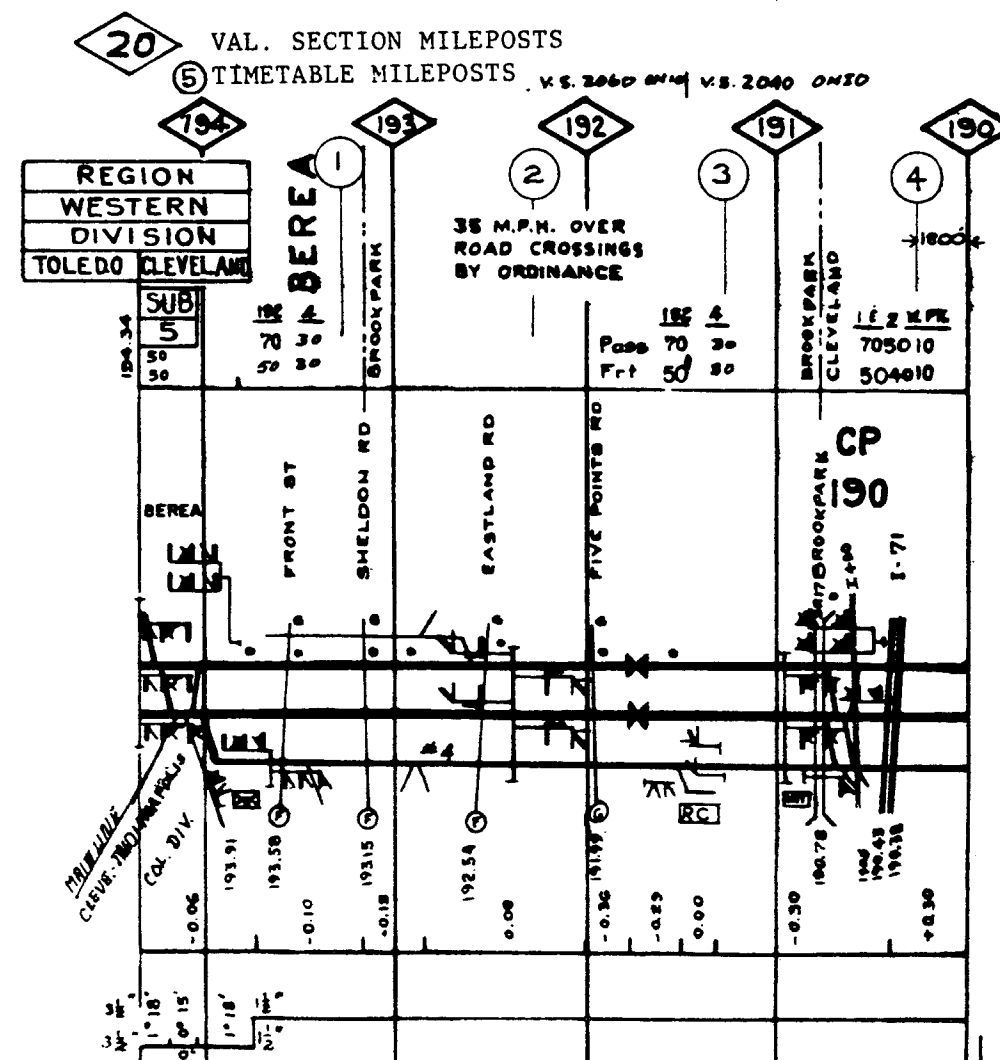
DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
INTERLOCKING TOWER		PUBLIC ROAD XING (GRADE)	
INTERLOCKING		" " " " (W/FLSHRS	
BLOCK STATION		" " " " W/FLSHRS & GATES	
BLOCK LIMIT STATION		" " " " W/WATCHMAN	
REMOTE CONTROLLED SWITCHES		PRIVATE " " " "	
TRAIN ORDER DELIVERY STAFF		CURVE LUBRICATOR	
TELEPHONE (BOOTH OR BOX)	•	DRAWING EQUIPMENT DETECTOR	
YARD LIMIT BOARD		SPRING SWITCH	
TUNNEL		HOT BOX DETECTOR (POINTING DIRECTION)	
OVERHEAD BRIDGE		OF TRAFFIC	
UNDERGRADE BRIDGE		STATE, COUNTY & TOWNSHIP	
POSITION LIGHT SIGNAL		LINES	

GRINDING	75.0		78.0
WELDING	73.1		
SURFACING			79.1
TIES			79
UNDERCUTTING			
RAIL		40-75	40-75
RAIL CLERS	79.1		78.5
TORNGRIP (WT)	45.5		45.4
			98.7

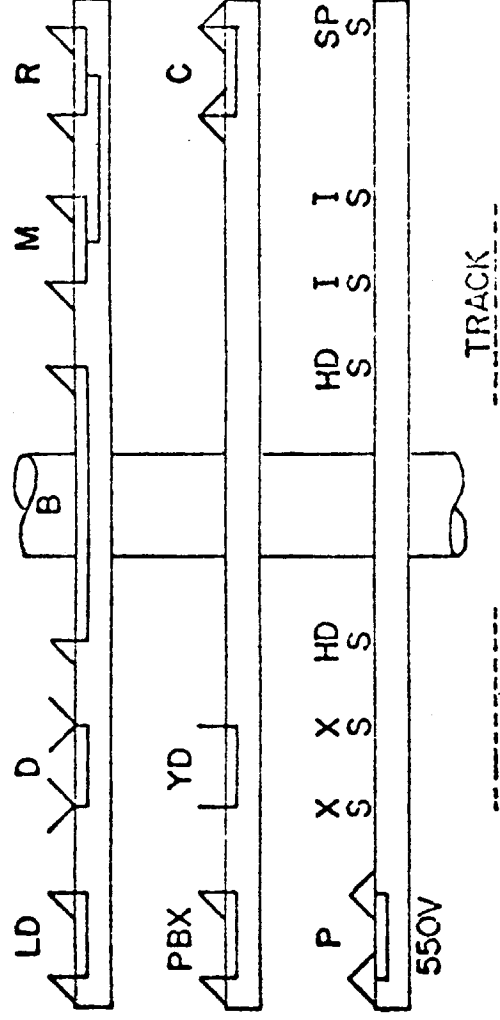
GRINDING					
WELDING					
SURFACING			70		2
RIES			75		
UNDERCUTTING					
DRILL			20	75	
DRILL CLEAN			15		
TURNING (MILL)					2

GRINDING	
WELDING	
SURFACING	78
FLIES	79
UNDERCUTTING	
DRILL	
DRILL CLEAN	
THINNING (MET)	

WPS



POLE LINE DIAGRAM



- / = NO. 9 COPPER WIRE
- ✓ = NO. 8 COPPER WIRE
- ↗ = NO. 8 WEATHER PROOF COPPERWELD
- | = NO. 8 IRON
- ∧ = NO. 6 WEATHER PROOF COPPER
- S = NO. 10 WEATHER PROOF COPPERWELD

KEY TO PIN SYMBOLS

D = DISPATCHER	B = BLOCK
R = RADIO	M = MESSAGE
LD = CARRIER	C = CODE
P = POWER	YD = YARD
PBX = EXT.	X = CROSSING
I = INDICATION	HD = DISTANT
SP = SPARE	

KEY TO LINE CIRCUITS

COST CENTER LISTING FOR N.J. COMMUTER REGION

<u>LINE NAME</u>	<u>MILE POST FROM</u>	<u>MILE POST TO</u>	<u>TRACK</u>	<u>COST CENTER</u>	<u>LINE CODE</u>
M.L. SUSQUEHANNA MAIN LINE	1.90	4.80	002	76030	93-6151
M.L. SUSQUEHANNA MAIN LINE	2.00	4.90	001	76030	93-6151
M.L. SUSQUEHANNA MAIN LINE	2.00	2.50	003	76030	93-6151
M.L. SUSQUEHANNA MAIN LINE	2.00	2.50	004	76030	93-6151
M.L. SUSQUEHANNA MAIN LINE	4.90	8.20	001	76031	93-6151
M.L. SUSQUEHANNA MAIN LINE	5.40	8.20	002	76031	93-6151
M.L. SUSQUEHANNA MAIN LINE	8.20	8.60	001	76032	93-6151
M.L. SUSQUEHANNA MAIN LINE	8.20	8.60	002	76032	93-6151
M.L. SUSQUEHANNA MAIN LINE	8.60	13.60	002	76033	93-6151
M.L. SUSQUEHANNA MAIN LINE	8.60	13.60	003	76033	93-6151
M.L. SUSQUEHANNA MAIN LINE	13.60	15.60	001	76034	93-6151
M.L. SUSQUEHANNA MAIN LINE	13.60	15.60	002	76034	93-6151
M.L. SUSQUEHANNA MAIN LINE	15.60	17.70	001	76035	93-6151
M.L. SUSQUEHANNA MAIN LINE	15.60	17.70	002	76035	93-6151
M.L. SUSQUEHANNA MAIN LINE	17.70	20.20	001	76036	93-6151
M.L. SUSQUEHANNA MAIN LINE	17.70	20.20	002	76036	93-6151
M.L. SUSQUEHANNA MAIN LINE	20.20	23.50	001	76037	93-6102
M.L. SUSQUEHANNA MAIN LINE	20.20	23.50	002	76037	93-6102
M.L. SUSQUEHANNA MAIN LINE	20.20	23.50	003	76037	93-6102
M.L. SUSQUENANNA MAIN LINE	20.20	23.50	004	76037	93-6102
M.L. SUSQUEHANNA MAIN LINE	23.50	31.00	001	76039	93-6102
M.L. SUSQUEHANNA MAIN LINE	23.50	31.00	002	76039	93-6102
M.L. SUSQUEHANNA MAIN LINE	23.50	31.00	003	76039	93-6102

COST CENTER LISTING FOR N.J. COMMUTER REGION

<u>LINE NAME</u>	<u>MILE POST FROM</u>	<u>MILE POST TO</u>	<u>TRACK</u>	<u>COST CENTER</u>	<u>LINE CODE</u>
M.L. SUSQUEHANNA MAIN LINE	23.50	31.00	004	76039	93-6102
M.L. SUSQUEHANNA MAIN LINE	31.00	44.90	001	77737	93-6102
M.L. SUSQUEHANNA MAIN LINE	31.00	44.90	002	77737	93-6102
M.L. SUSQUEHANNA MAIN LINE	44.90	52.50	007	77738	93-6102
M.L. SUSQUEHANNA MAIN LINE	52.50	68.70	001	77739	93-6102
M.L. SUSQUEHANNA MAIN LINE	52.50	68.70	002	77739	93-6102
M.L. SUSQUEHANNA MAIN LINE	68.70	74.10	001	77740	93-6102
M.L. SUSQUEHANNA MAIN LINE	68.70	74.10	002	77740	93-6102
M.L. SUSQUEHANNA MAIN LINE	74.10	87.10	007	77740	93-6102
M.L. BOONTON LINE	2.90	4.20	007	76020	93-6101
M.L. BOONTON LINE	4.20	4.50	007	76021	93-6101
M.L. BOONTON LINE	4.50	7.70	001	76021	93-6101
M.L. BOONTON LINE	4.50	7.70	002	76021	93-6101
M.L. BOONTON LINE	7.70	11.50	001	76022	93-6101
M.L. BOONTON LINE	7.70	11.50	002	76022	93-6101
M.L. BOONTON LINE	11.50	16.30	001	76023	93-6101
M.L. BOONTON LINE	11.50	16.30	002	76023	93-6101
M.L. BOONTON LINE	16.50	21.80	007	76024	93-6101
M.L. BOONTON LINE	21.80	29.60	007	76025	93-6101
M.L. BOONTON LINE	29.60	34.10	007	76026	93-6101
M.L. BERGEN CO. LINE	2.90	3.30	001	76050	93-6102
M.L. BERGEN CO. LINE	2.90	3.30	002	76050	93-6102
M.L. BERGEN CO. LINE	3.30	5.60	001	76051	93-6102
M.L. BERGEN CO. LINE	3.30	5.60	002	76051	93-6102

COST CENTER LISTING FOR N.J. COMMUTER REGION

<u>LINE NAME</u>	<u>MILE POST FROM</u>	<u>MILE POST TO</u>	<u>TRACK</u>	<u>COST CENTER</u>	<u>LINE CODE</u>
M.L. BERGEN CO. LINE	5.60	7.60	001	76052	93-6102
M.L. BERGEN CO. LINE	5.60	7.60	002	76052	93-6102
M.L. BERGEN CO. LINE	7.60	14.20	001	76053	93-6102
M.L. BERGEN CO. LINE	7.60	14.20	002	76053	93-6102
M.L. BERGEN CO. LINE	14.20	18.80	001	76054	93-6102
M.L. BERGEN CO. LINE	14.20	18.80	002	76054	93-6102
M.L. MORRISTOWN LINE	.00	.70	001	76001	93-6801
M.L. MORRISTOWN LINE	.00	.70	002	76001	93-6801
M.L. MORRISTOWN LINE	.00	.70	003	76001	93-6801
M.L. MORRISTOWN LINE	.00	.70	004	76001	93-6801
M.L. MORRISTOWN LINE	.70	1.90	001	76002	93-6801
M.L. MORRISTOWN LINE	.70	1.90	002	76002	93-6801
M.L. MORRISTOWN LINE	.70	1.90	003	76002	93-6801
M.L. MORRISTOWN LINE	.70	1.90	004	76002	93-6801
M.L. MORRISTOWN LINE	1.90	5.70	001	76003	93-6801
M.L. MORRISTOWN LINE	1.90	5.70	002	76003	93-6801
M.L. MORRISTOWN LINE	1.90	5.70	003	76003	93-6801
M.L. MORRISTOWN LINE	5.70	7.40	001	76004	93-6801
M.L. MORRISTOWN LINE	5.70	7.40	002	76004	93-6801
M.L. MORRISTOWN LINE	5.70	7.40	003	76004	93-6801
M.L. MORRISTOWN LINE	7.40	9.00	001	76005	93-6801
M.L. MORRISTOWN LINE	7.40	9.00	002	76005	93-6801
M.L. MORRISTOWN LINE	7.40	9.00	003	76005	93-6801
M.L. MORRISTOWN LINE	9.00	12.00	001	76006	93-6801

COST CENTER LISTING FOR N.J. COMMUTER REGION

<u>LINE NAME</u>	<u>MILE POST FROM</u>	<u>MILE POST TO</u>	<u>TRACK</u>	<u>COST CENTER</u>	<u>LINE CODE</u>
M.L. MORRISTOWN LINE	9.00	12.00	002	76006	93-6801
M.L. MORRISTOWN LINE	9.00	12.00	003	76006	93-6801
M.L. MORRISTOWN LINE	12.00	19.90	001	76007	93-6801
M.L. MORRISTOWN LINE	12.00	19.90	002	76007	93-6801
M.L. MORRISTOWN LINE	12.00	19.90	003	76007	93-6801
M.L. MORRISTOWN LINE	19.90	30.00	001	76009	93-6801
M.L. MORRISTOWN LINE	19.90	30.00	002	76009	93-6801
M.L. MORRISTOWN LINE	30.00	36.30	001	76010	93-6801
M.L. MORRISTOWN LINE	30.00	36.30	002	76010	93-6801
M.L. MORRISTOWN LINE	38.50	41.30	001	76014	93-6101
M.L. MORRISTOWN LINE	38.50	41.30	002	76014	93-6101
M.L. MORRISTOWN LINE	41.30	45.70	001	76015	93-6101
M.L. MORRISTOWN LINE	41.30	45.70	002	76015	93-6101
M.L. MORRISTOWN LINE	45.70	48.00	007	76016	93-6192
GLADSTONE BRANCH	20.10	26.00	007	76080	93-6841
GLADSTONE BRANCH	26.00	31.00	007	76081	93-6841
GLADSTONE BRANCH	31.00	42.20	007	76082	93-6841
MONTCLAIR LINE	9.00	10.60	001	76070	93-6842
MONTCLAIR LINE	9.00	10.60	002	76070	93-6842
MONTCLAIR LINE	10.60	12.80	001	76071	93-6842
MONTCLAIR LINE	10.60	12.80	002	76071	93-6842
NORTH JERSEY COAST LINE	.00	5.00	001	77852	93-1423
NORTH JERSEY COAST LINE	.00	5.00	002	77852	93-1423
NORTH JERSEY COAST LINE	5.00	6.70	SEC	77856	93-0211

COST CENTER LISTING FOR N.J. COMMUTER REGION

<u>LINE NAME</u>	<u>MILE POST FROM</u>	<u>MILE POST TO</u>	<u>TRACK</u>	<u>COST CENTER</u>	<u>LINE CODE</u>
NORTH JERSEY COAST LINE	5.00	6.70	001	77856	93-0211
NORTH JERSEY COAST LINE	5.00	6.70	002	77856	93-0211
NORTH JERSEY COAST LINE	.00	1.70	001	77860	93-0222
NORTH JERSEY COAST LINE	.00	1.70	002	77860	93-0222
NORTH JERSEY COAST LINE	1.70	7.00	001	77863	93-0222
NORTH JERSEY COAST LINE	1.70	7.00	002	77863	93-0222
NORTH JERSEY COAST LINE	7.00	16.50	001	77865	93-0222
NORTH JERSEY COAST LINE	7.00	16.50	002	77865	93-0222
NORTH JERSEY COAST LINE	16.50	29.00	001	77867	93-0222
NORTH JERSEY COAST LINE	16.50	29.00	002	77867	93-0222
NORTH JERSEY COAST LINE	29.00	38.00	001	77869	93-0222
PASCACK VALLEY LINE	7.60	15.30	007	76060	93-6152
PASCACK VALLEY LINE	15.30	19.60	007	76061	93-6152
PASCACK VALLEY LINE	19.60	28.20	007	76062	93-6152
PASCACK VALLEY LINE	30.70	31.20	007	76063	93-6164
WOODBINE YARD	31.50	31.50	YRD	77744	93-6164
RARITAN VALLEY LINE	15.00	15.70	001	77841	93-0201
RARITAN VALLEY LINE	15.00	15.60	002	77841	93-0201
RARITAN VALLEY LINE	15.00	15.70	003	77841	93-0201
RARITAN VALLEY LINE	15.70	22.70	001	77839	93-0201
RARITAN VALLEY LINE	15.70	22.70	003	77839	93-0201
RARITAN VALLEY LINE	15.90	22.70	002	77839	93-0201

COST CENTER LISTING FOR N.J. COMMUTER REGION

<u>LINE NAME</u>	<u>MILE POST FROM</u>	<u>MILE POST TO</u>	<u>TRACK</u>	<u>COST CENTER</u>	<u>LINE CODE</u>
RARITAN VALLEY LINE	22.70	31.80	001	77837	93-0201
RARITAN VALLEY LINE	22.70	31.80	002	77837	93-0201
RARITAN VALLEY LINE	22.70	31.80	003	77837	93-0201
RARITAN VALLEY LINE	30.00	31.80	SEC	77837	93-0201
RARITAN VALLEY LINE	31.80	36.00	001	77835	93-0201
RARITAN VALLEY LINE	31.80	36.00	002	77835	93-0201
RARITAN VALLEY LINE	31.80	32.00	003	77835	93-0201
RARITAN VALLEY LINE	36.20	52.10	007	77833	93-0201
RARITAN VALLEY LINE	49.60	52.00	SCS	77833	93-0201
RARITAN VALLEY LINE	52.10	72.10	007	77831	93-0201
RARITAN VALLEY LINE	62.50	64.40	OSS	77831	93-0201
RARITAN VALLEY LINE	70.30	72.10	SCS	77831	93-0201

GRINDING	80 (2)	
WELDING		
SURFACING	79E	77E
TIES	77	77
UNDERCUTTING		
RAIL	19-79	30-56
BAL CLEAN	75R	75R
TONNAGE (MGT)	0.1	0.1

004

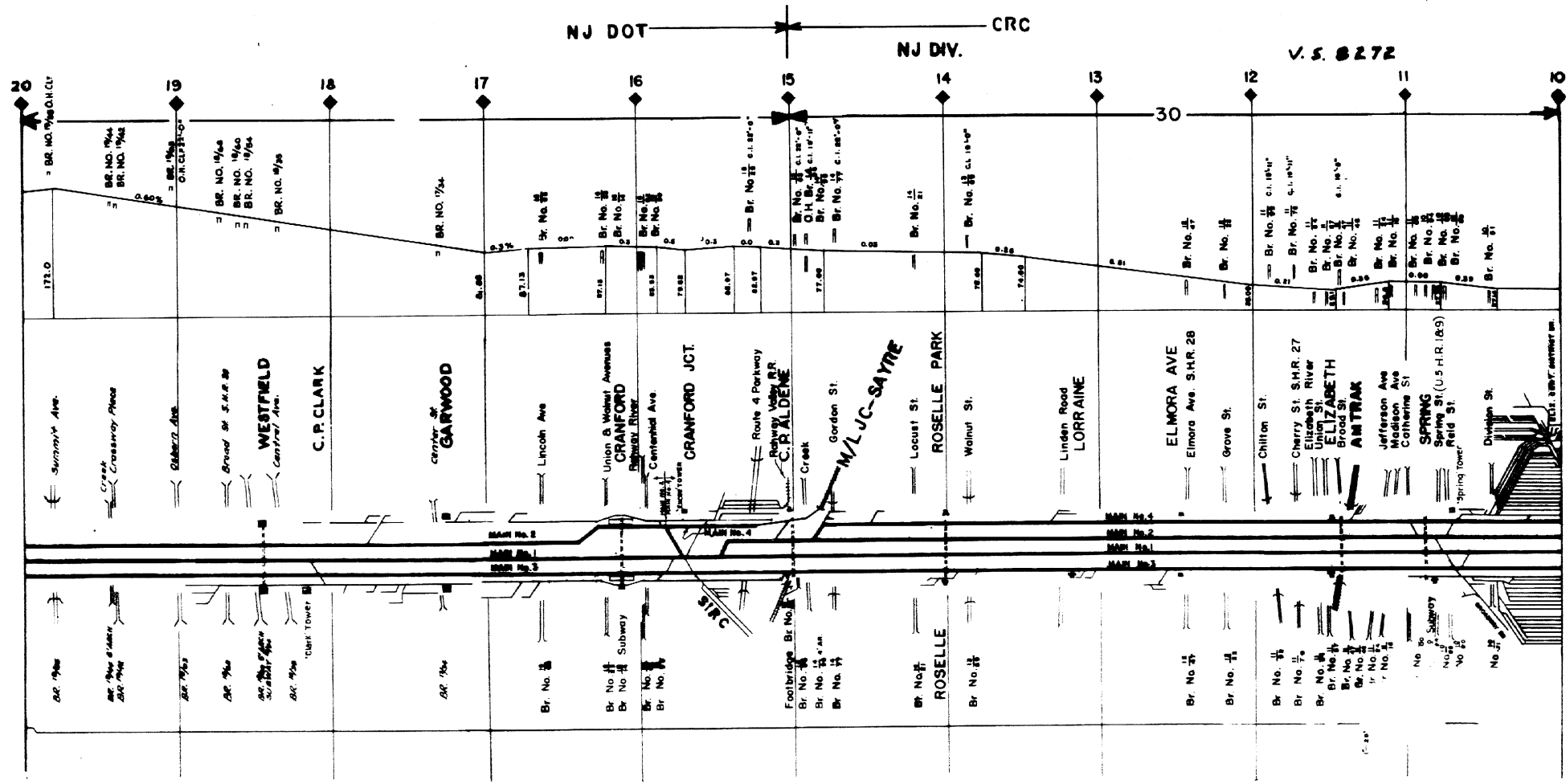
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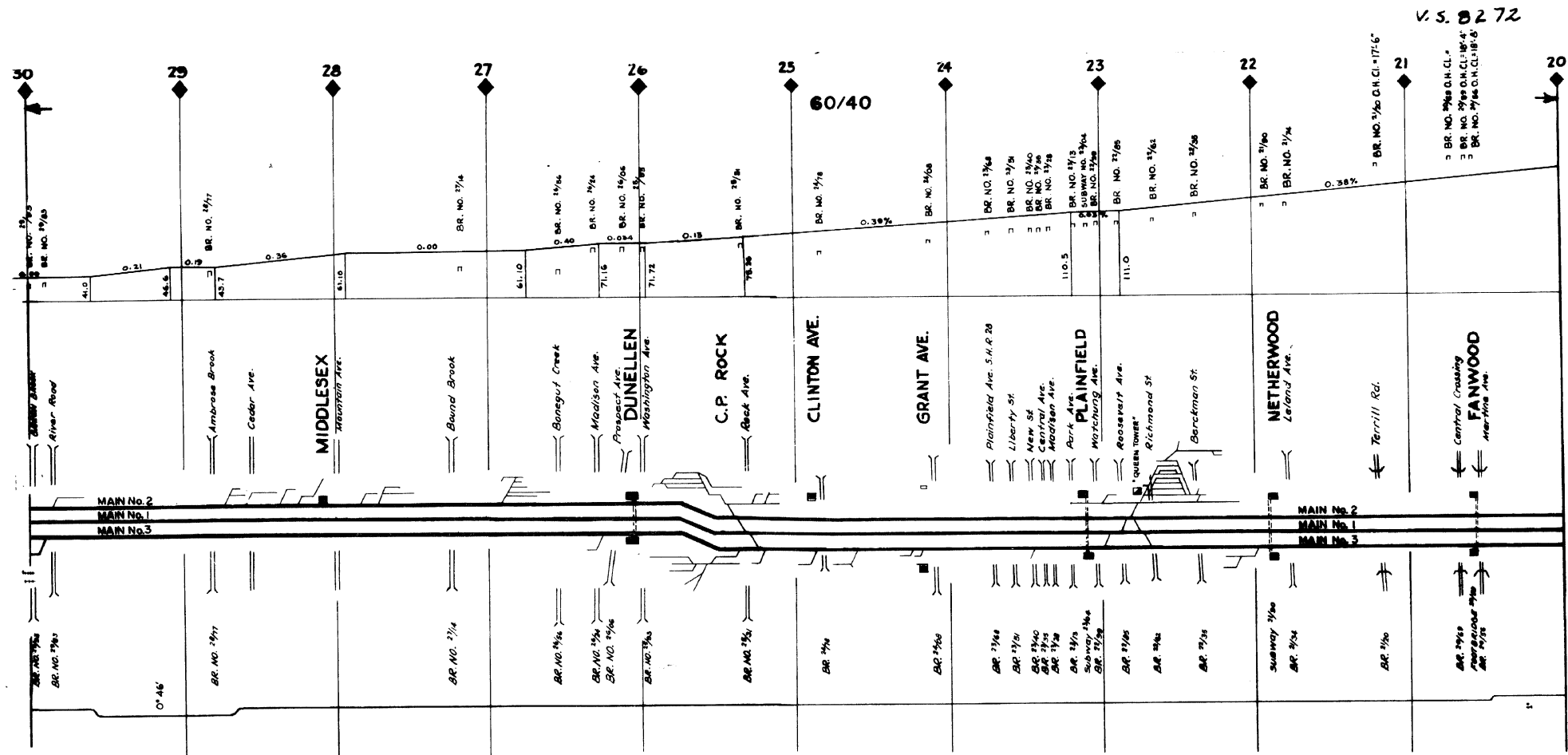
GRINDING	80 (1)	
WELDING		
SURFACING	79E	72E
TIES	79	69
UNDERCUTTING		
RAIL	40-SH 31-SH 40-54 40-56	
BAL CLEAN	75R 75R	
TONNAGE (MGT)	0.2	

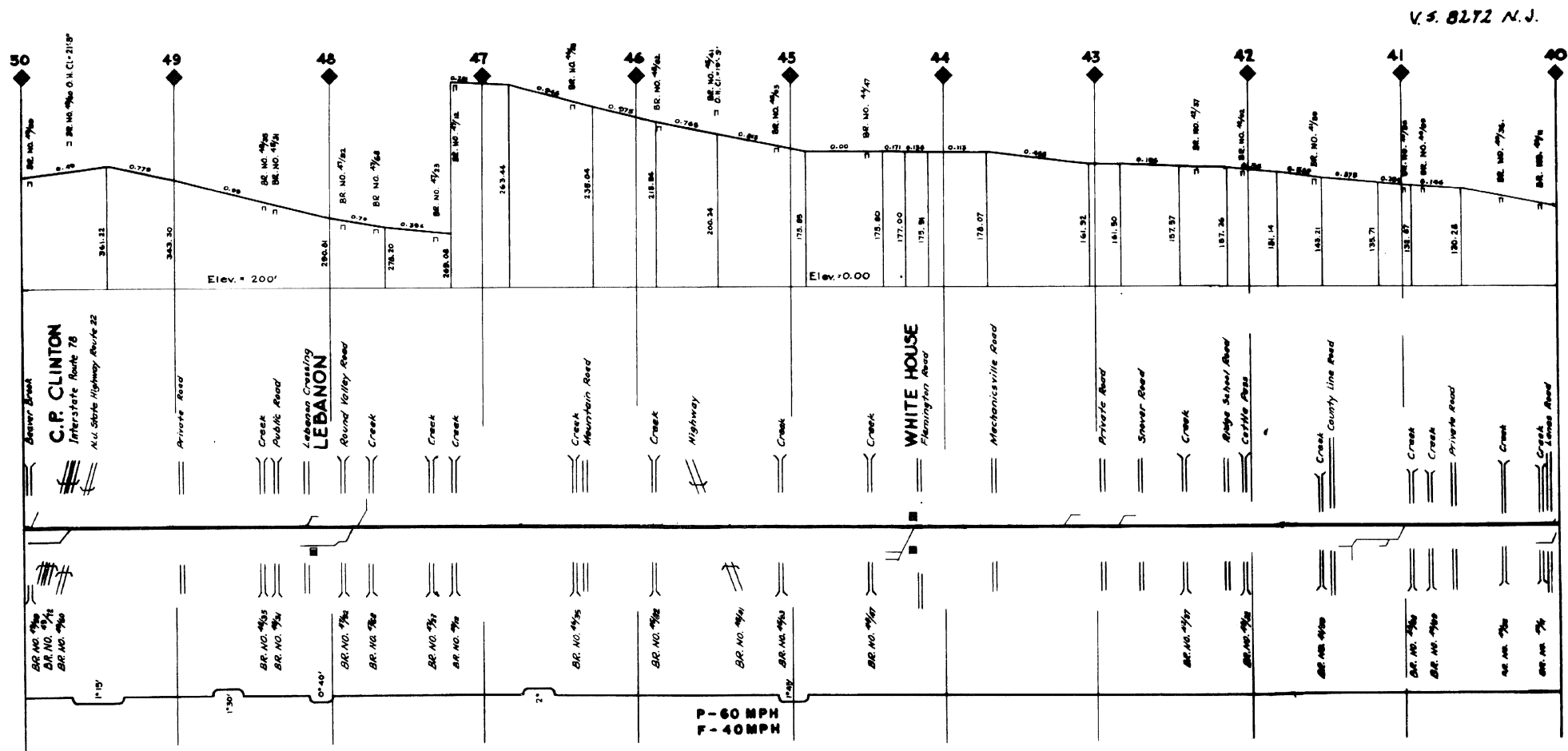
001

GRINDING				
WELDING				
SURFACING			80E	
TIES	78	71		
UNDERCUTTING				
RAIL	31-47	31-51	31-49	31-47 30-30
BAL CLEAN	75R			
TONNAGE (MGT)				

003

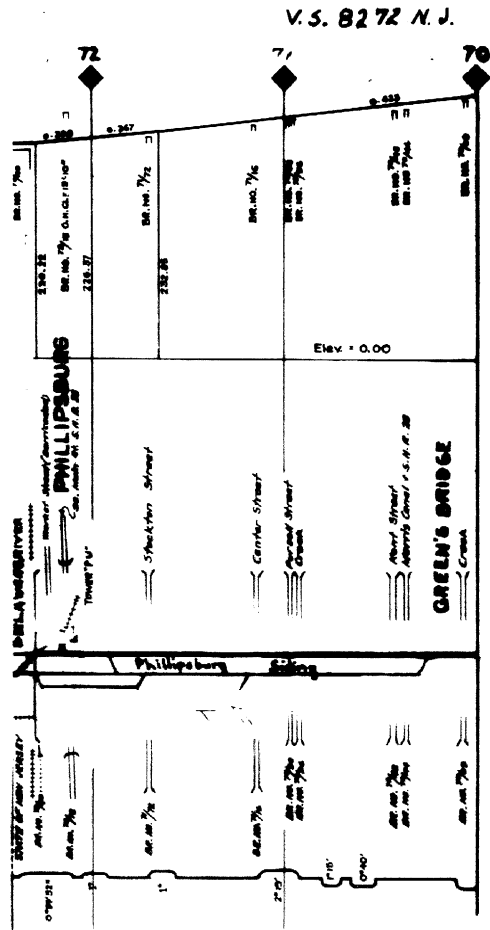


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07SCS

[illegible]

GRINDING	
WELDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	30-
BAL. CLEAN	
TONNAGE (MGT)	



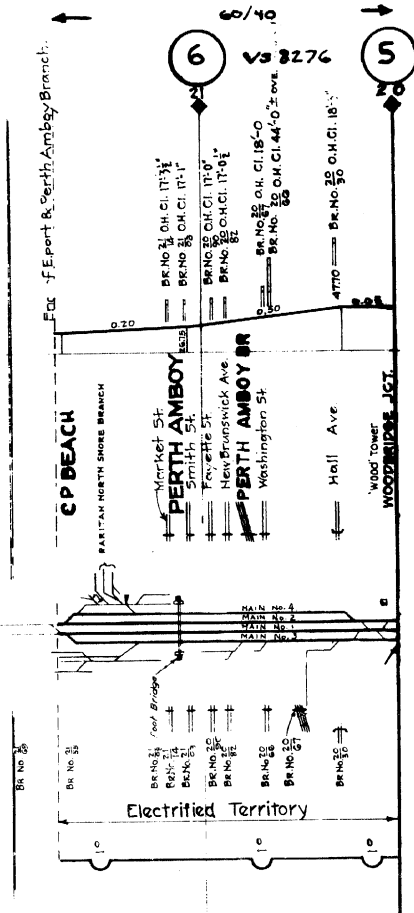
GRINDING	
WELDING	
SURFACING	
TIES	79
UNDERCUTTING	
RAIL	30-28
RAIL CLEAN	
TONNAGE (AGT)	0.0

C07

GRINDING	
WELDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	131F 31-47 30-43
RAIL CLEAN	
TONNAGE (AGT)	

SCS

BAY HEAD LINE LC 0222



GRINDING	
WELDING	
SURFACING	79E
TIES	79
UNDERCUTTING	
RAIL	30-SH
BAR CLEAN	
TONNAGE (MGT)	

CS

GRINDING	
WELDING	
SURFACING	80E
TIES	80
UNDERCUTTING	
RAIL	31-50
BAR CLEAN	
TONNAGE (MGT)	1.8

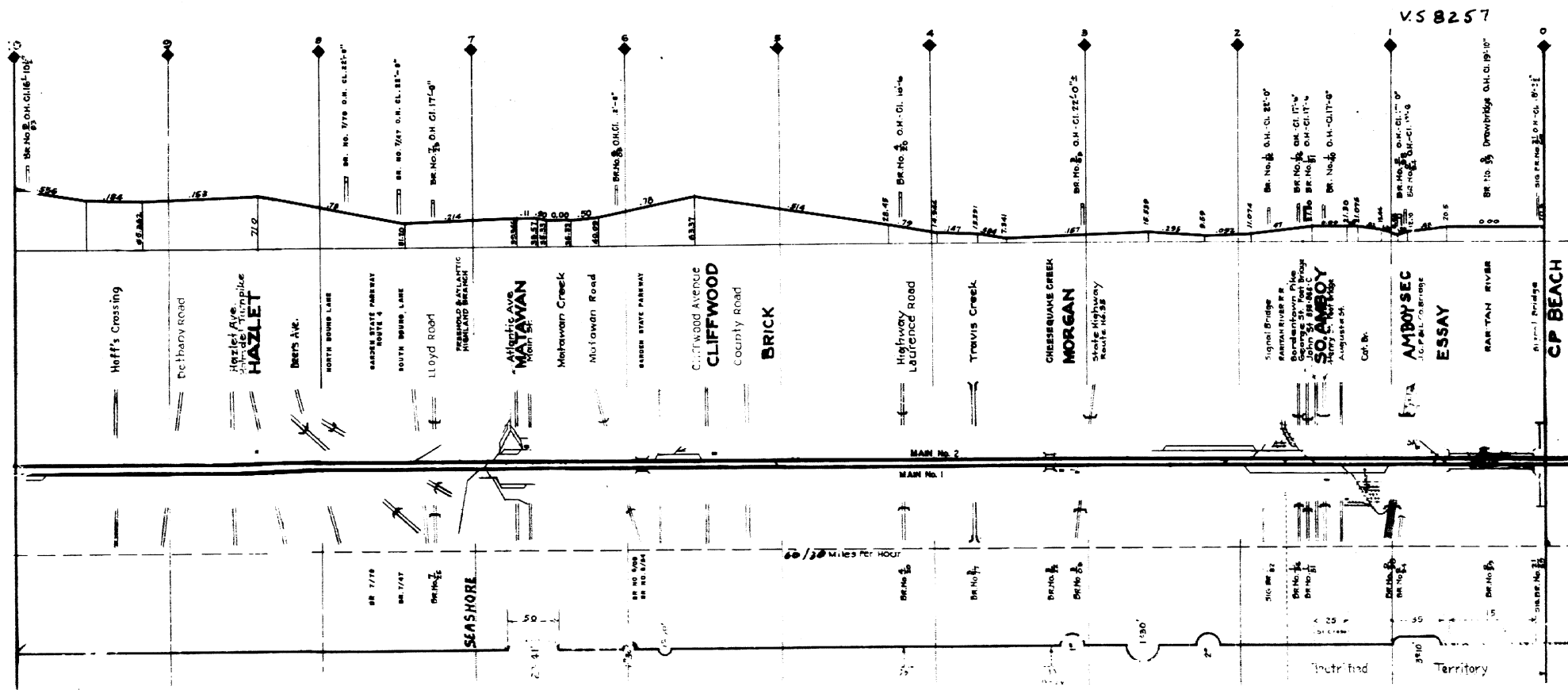
002

GRINDING	
WELDING	
SURFACING	80E
TIES	80
UNDERCUTTING	
RAIL	31-50
BAR CLEAN	
TONNAGE (MGT)	1.8

001

GRINDING	
WELDING	
SURFACING	79E
TIES	79
UNDERCUTTING	
RAIL	30-SH
BAR CLEAN	
TONNAGE (MGT)	

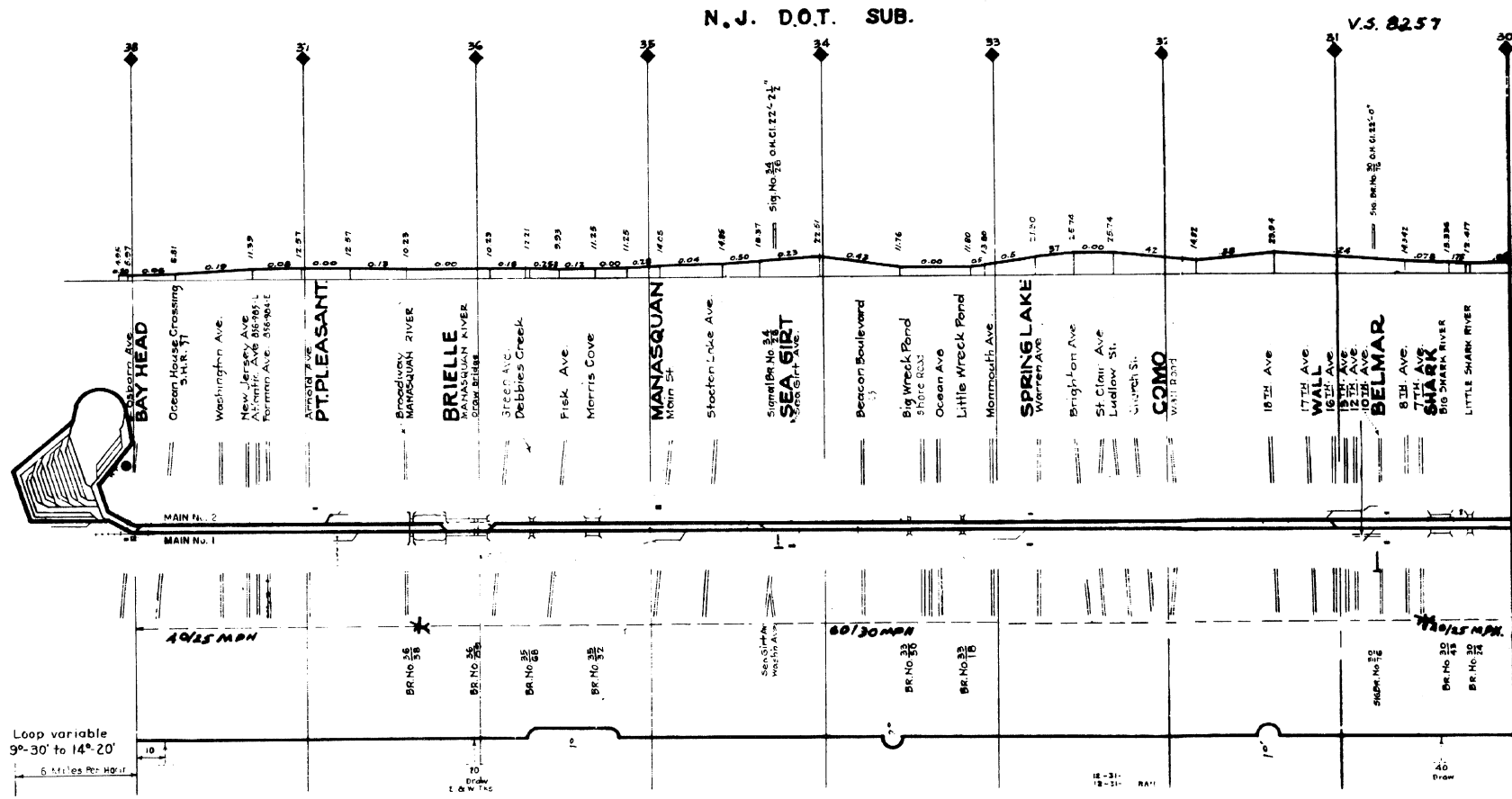
CS



GRINDING						80 (1)		
WELDING								
SURFACING		80E		79E			79E	
YES		70				74		
UNDERCUTTING								
RAIL	31-45		31-46	V	////////////////	19-79	V	32-79
RAIL CLEAN				765				75R
TONNAGE (AGT)					1.2			

GRINDING											80 (1)											
WELDING																						
SURFACING	80E				77E		80E				78T				80E		78T				79E	
TIES	79				77								74								74	
UNDERCUTTING																						
RAIL	31-44		31-45		40-56		31-48 V // V		40-54 V // V		40-57 V // V		40-53 V // V		19-79 V // V		32-79 V // V		130-43			
RAIL CLEAN			75R						75R										75R			
TONNAGE (AGT)	0.9																					



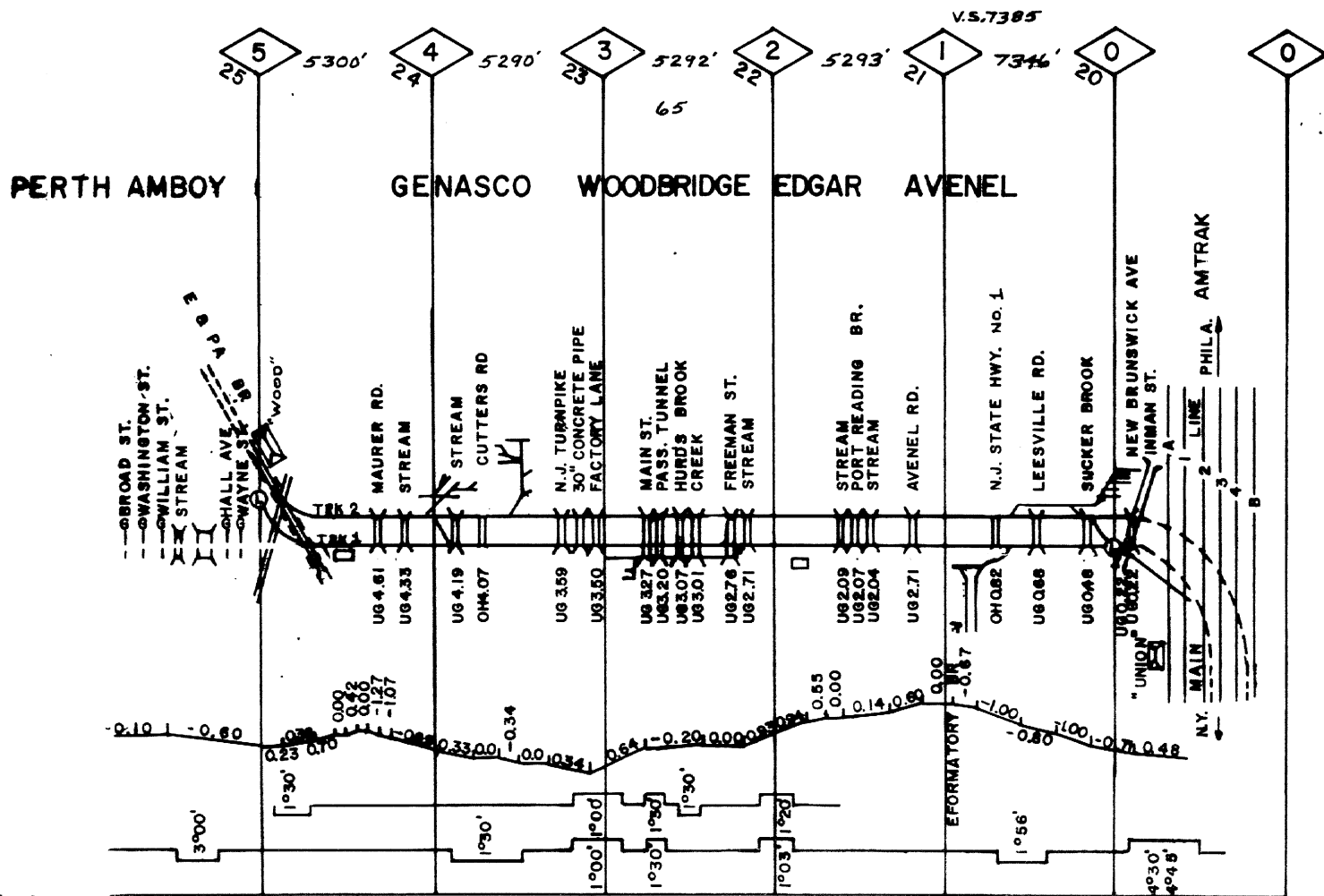
[illegible][illegible]

GRINDING	80 (1)			
WELDING				
SURFACING	79E		77E	79E
TIES	77			
UNDERCUTTING				
RAIL	55F78			
BAL. CLEAN				
TONNAGE (MGT)	1.2			

C02

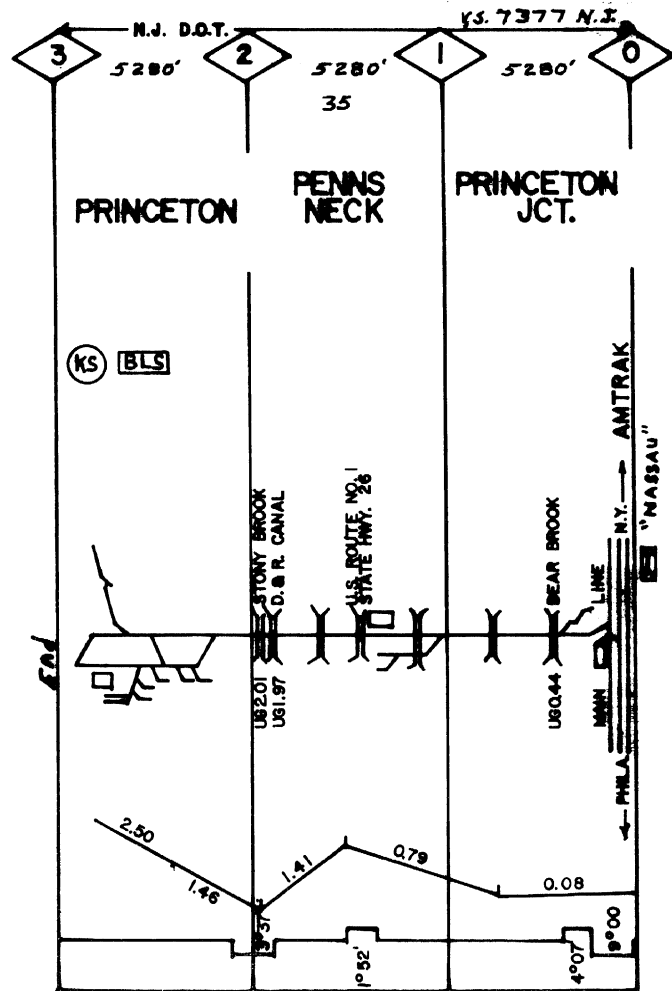
GRINDING				
WELDING				
SURFACING	76E			
TIES	76			
UNDERCUTTING				
RAIL	31-44	31-44	33-47	30-47
BAL. CLEAN				
TONNAGE (MGT)	0.9			

01



GRINDING	
WELDING	
SURFACING	73E 72E 73E
TIES	73
UNDERCUTTING	
RAIL	30-
RAIL CLEAN	
TONNAGE (HGT)	

007



GRINDING						64(2)			
WELDING									
SURFACING	79E					81E		80E	
TIES	79							81	
UNDERCUTTING									
RAIL	////12-71////	112-	31-63F	12F57	31-63F				
RAIL CLEAN									
TONNAGE (MT)	1.8	1.0	2.1	2.2	2.1				

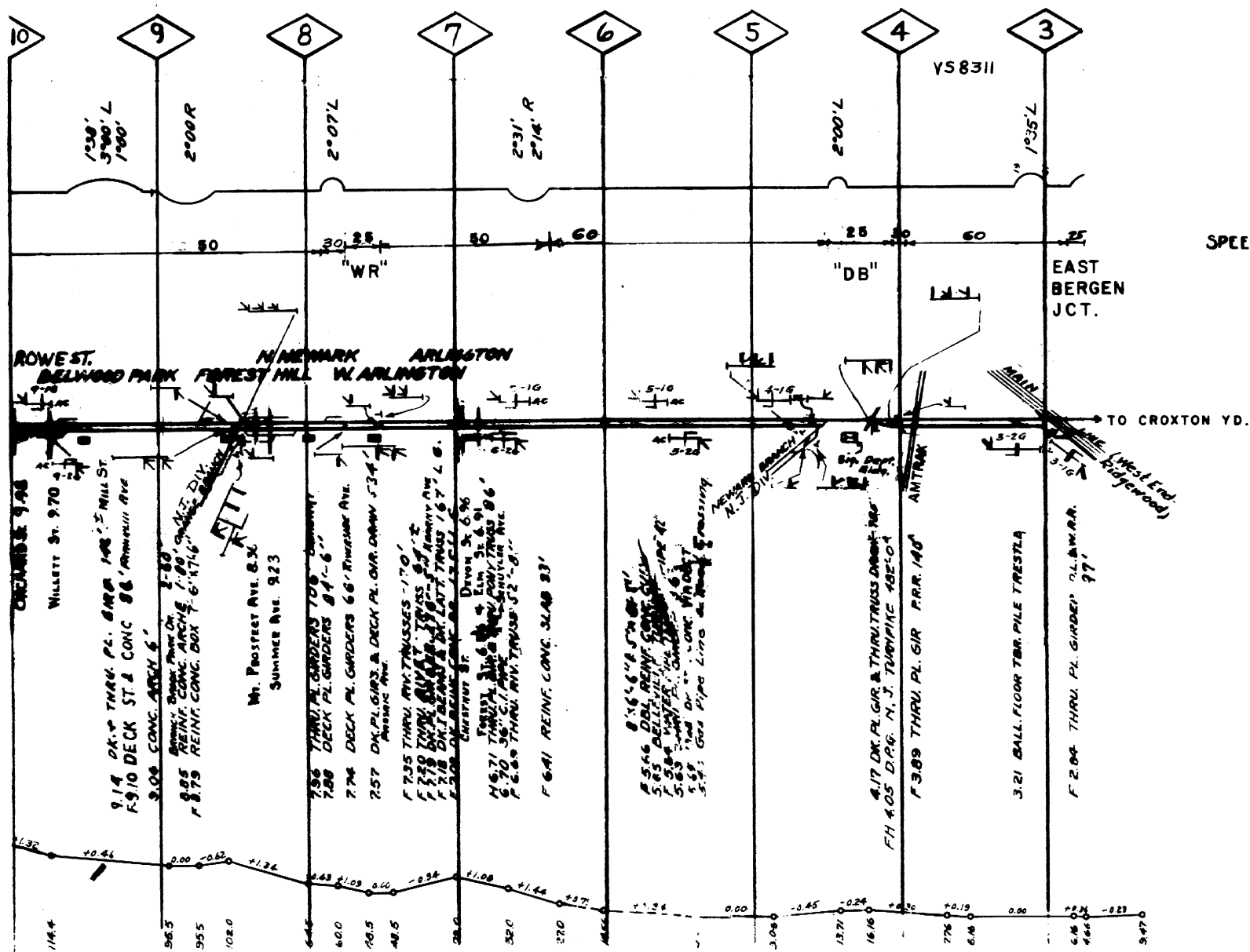
01

GRINDING					
WELDING					
SURFACING	79E		78E		
TIES	78				
UNDERCUTTING					
RAIL			31-63F		
RAIL CLEAN					
TONNAGE (MG)			3.4		

07

GRINDING	64(2)				64(2)	
WELDING						
SURFACING			79E		80E	
TIES			79		76	
UNDERCUTTING						
RAIL	31-63F		V /// 31F75 /// I		112-57F	
RAIL CLEAN	785				31-63F	
TONNAGE (MET)	0.8				0.0	

002



GRINDING			
WELDING		80TN	
SURFACING		80E	
TIES	80		79
UNDERCUTTING			
RAIL	32-80		
RAIL CLEAN			
TONNAGE (MGT)	2.6		

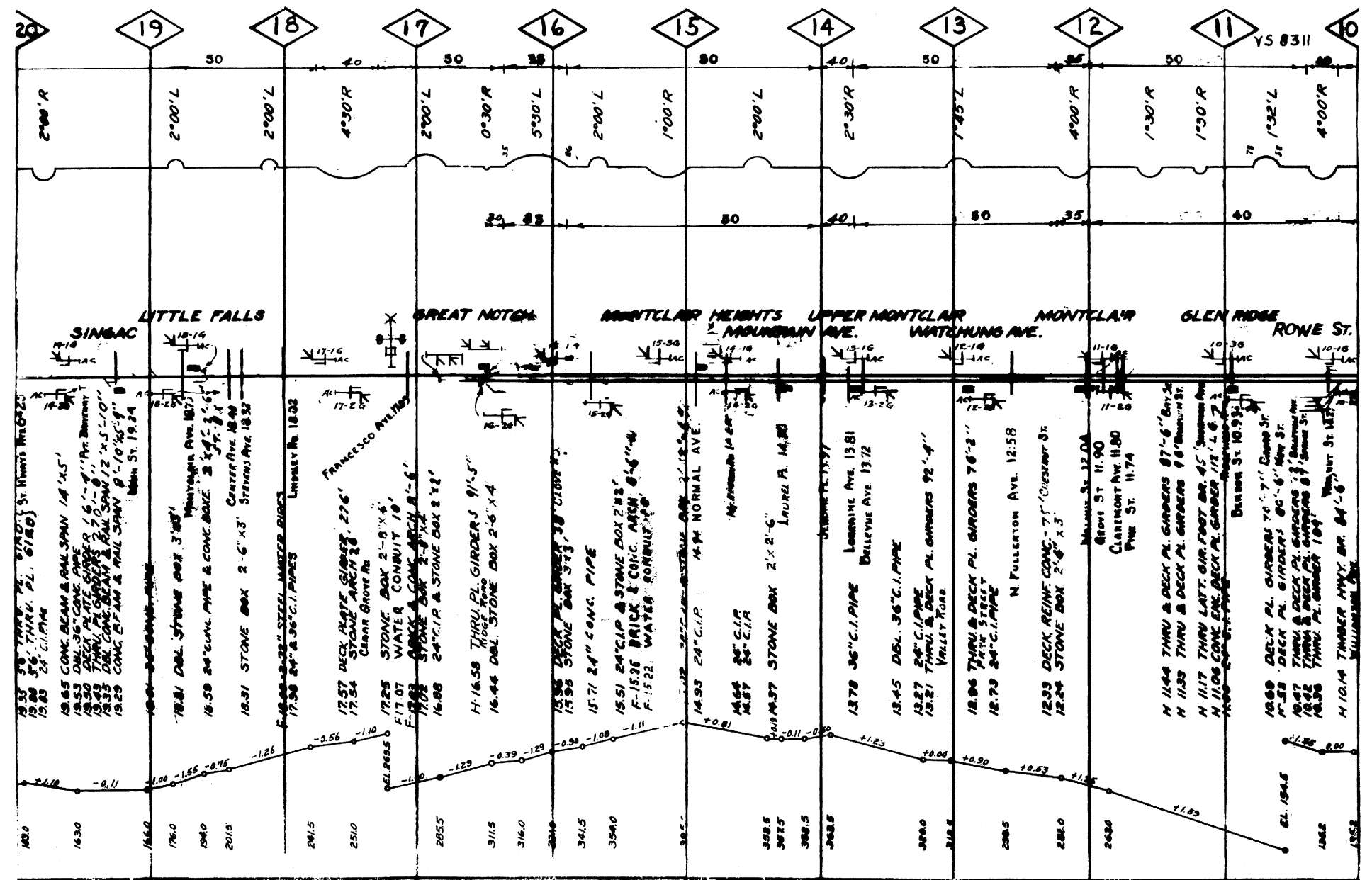
007

GRINDING		(2)				64 (2)		
WELDING								
SURFACING					79E			
TIES					79			
UNDERCUTTING								
RAIL	//		31-63F	//	40F75//		31-63F	// 31F75//
RAIL CLEAN						785		12-71
TONNAGE (MGT)						1.8		

001

GRINDING		164 (2)				64 (2)		
WELDING								
SURFACING					79E			
TIES					79			
UNDERCUTTING								
RAIL	//	32-75//	18-62		31-63F		31-63F	// 31F75//
RAIL CLEAN						785		
TONNAGE (MGT)						0.8		

002

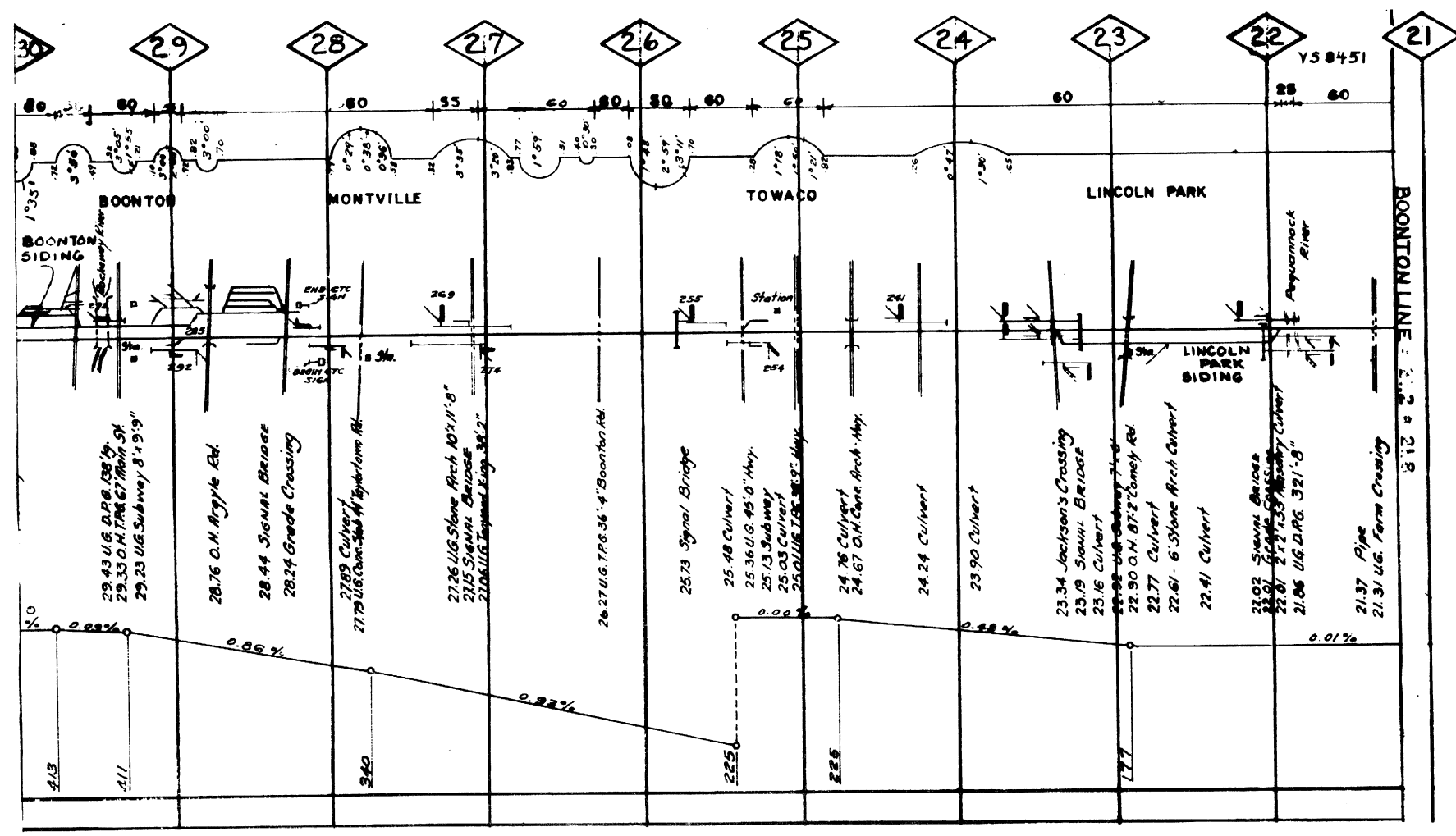


GRINDING	75 (1)						
WELDING							
SURFACING	76EM						
TIES	76						
UNDERCUTTING							
RAIL	31-47	31-74F	32-57	31-74F	18-47	31-46	32-52
RAIL CLEAN							
TONNAGE (MGT)							

007

GRINDING	
WELDING	
SURFACING	
TIES	75
UNDERCUTTING	
RAIL	
RAIL CLEAN	
TONNAGE (MGT)	

LSG



GRINDING	76 (1)	74 (1)	64 (1)
WELDING			
SURFACING	80	80E	79E
TIES			79
UNDERCUTTING			
RAIL	31-41	31-35	31-74F
RAIL CLEAN	675		32-73
TONNAGE (MGT)		0.2	31-74F

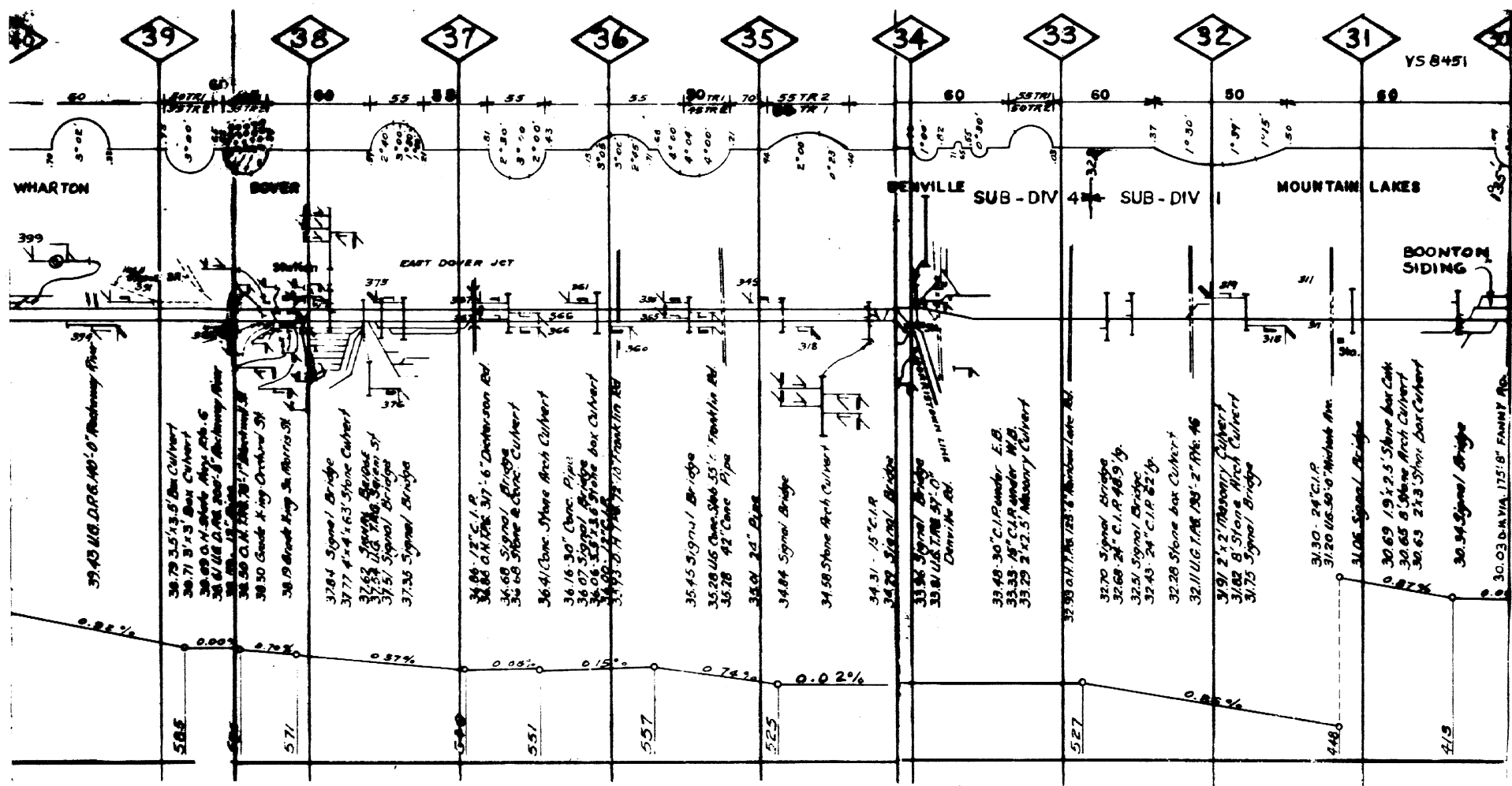
001

GRINDING	75 (1)
WELDING	
SURFACING	74
TIES	76E
UNDERCUTTING	76
RAIL	61-74F
RAIL CLEAN	
TONNAGE (MGT)	2.9

07

GRINDING	76 (1)	74 (1)
WELDING		
SURFACING	74	79E
TIES	73	71
UNDERCUTTING		79
RAIL	32-54	31-34
RAIL CLEAN	685	32-53
TONNAGE (MGT)	1.0	2.8

002

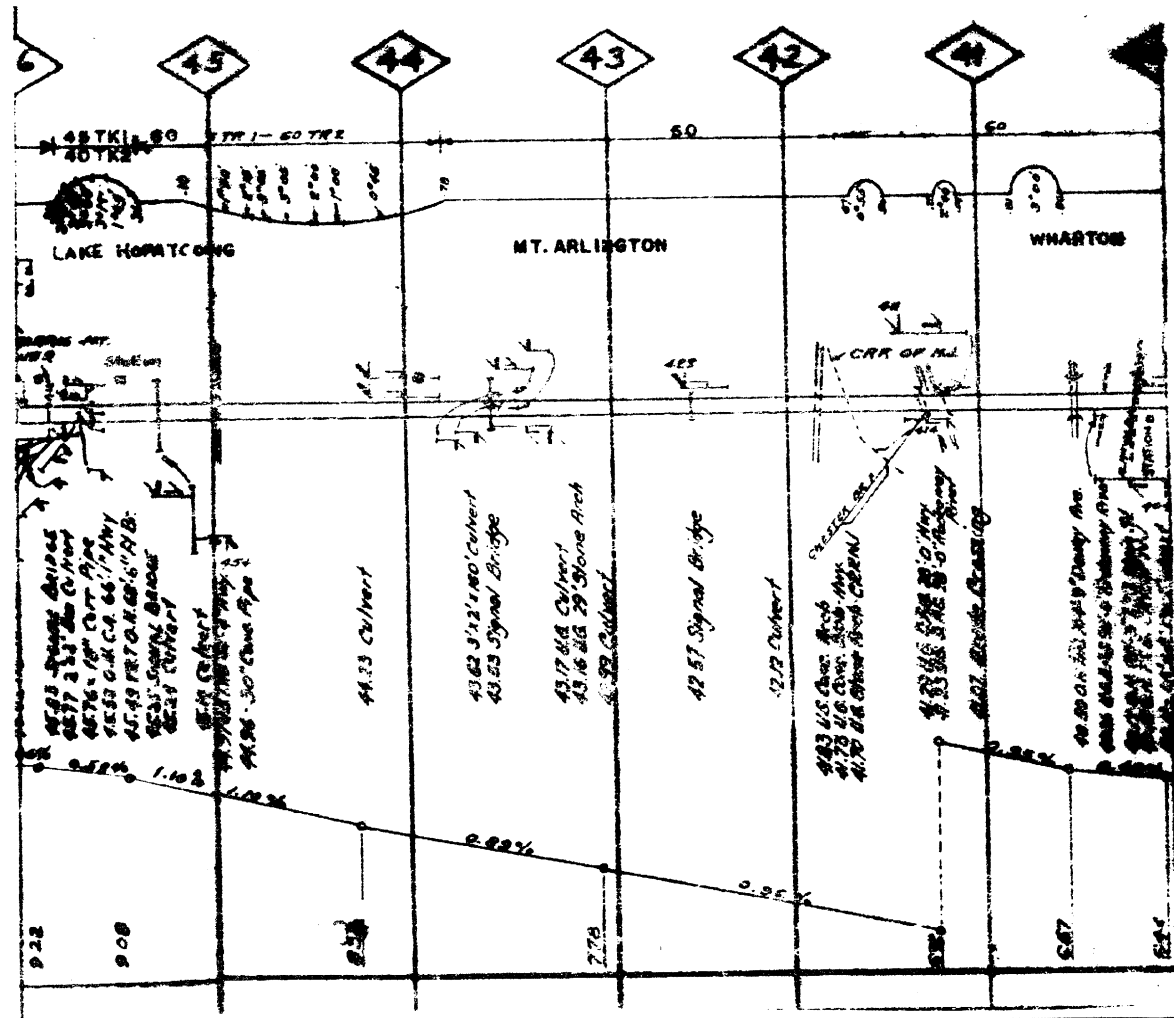


GRINDING	74 (1)	76 (1)
WELDING		
SURFACING	80E	80E
TIES	73	80
UNDERCUTTING		
RAIL	31-53	31-44
RAIL CLEAN	745	675
TONNAGE (MGT)		0.2

01

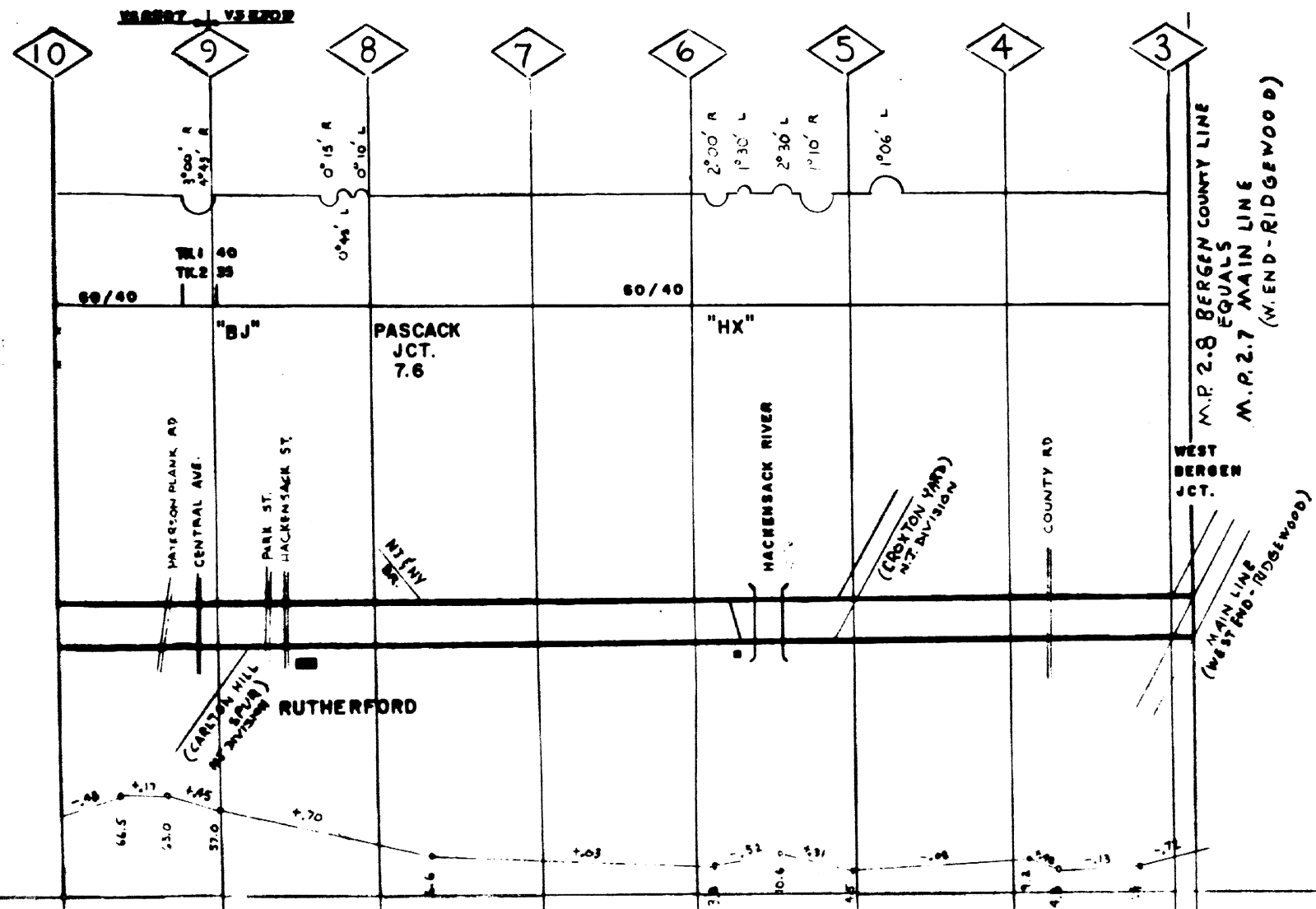
GRINDING	74 (1)	76 (2)
WELDING		
SURFACING	73	80E
TIES		73
UNDERCUTTING		
RAIL	31-54	32-54
RAIL CLEAN		665
TONNAGE (MGT)		0.1

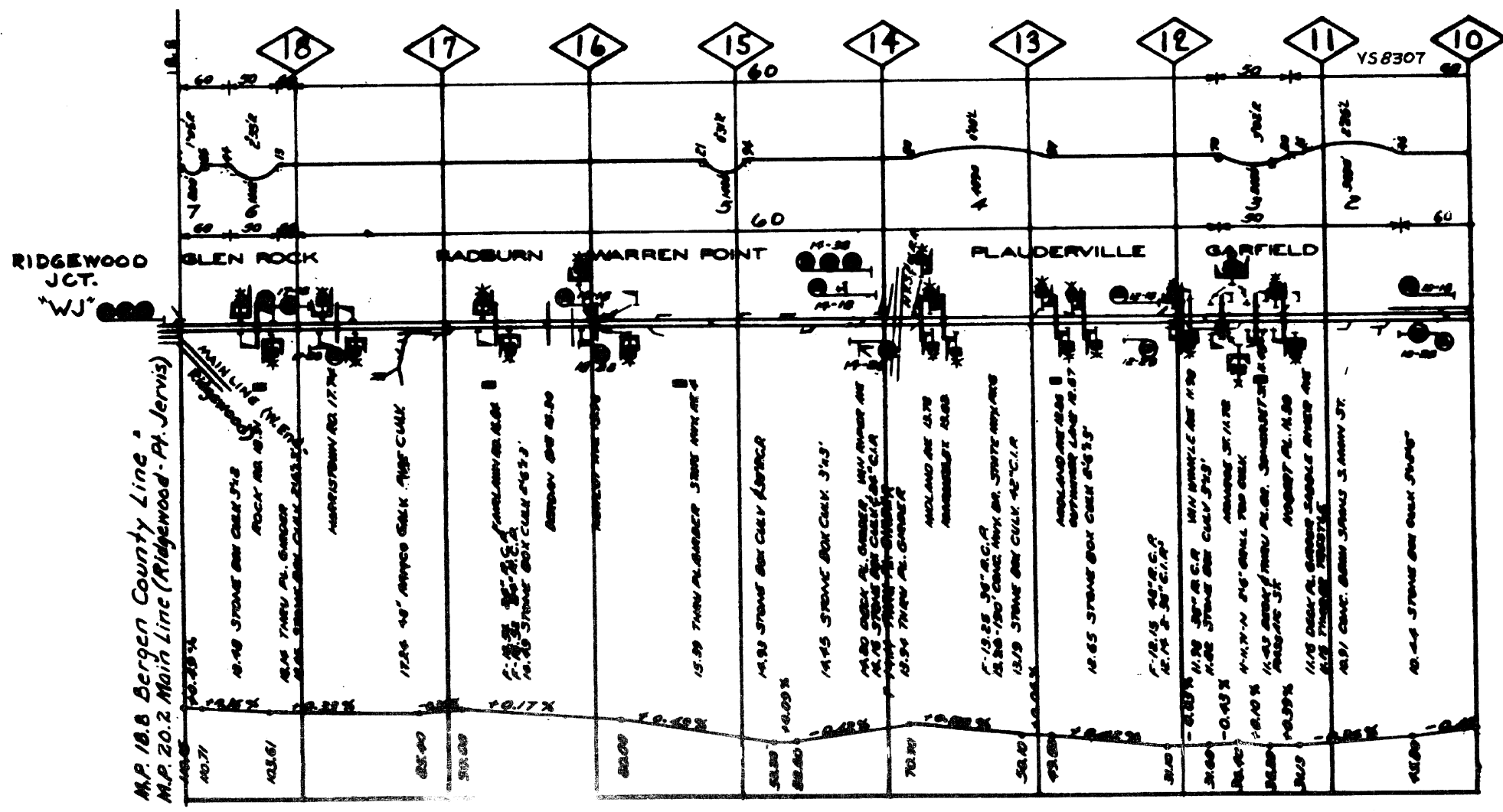
02



GRINDING	80 (1)										65 (2)																			
WELDING																														
SURFACING	79E										78E					79E														
TIES	78															79					56									
UNDERCUTTING																														
RAIL	12-40				10-28		32-79												15-53		15-51		32-56							
BAL. CLEAN	785																													
TONNAGE (MGT)	6.2										6.9										0.0									

GRINDING	80 (1)				65 (2)				
WELDING									
SURFACING	79E	78E + 79E	78E	79E	65	79E			
TIES	78				79				56
UNDERCUTTING									
RAIL	32-79				15-53		15-51	32-56	
BAL. CLEAN	785								
TONNAGE (MGT)	6.7		12.6		0.0				





GRINDING	69 (1)										80 (1)																				
WELDING																															
SURFACING	71	78E										79E																			
TIES	78																														
UNDERCUTTING																															
RAIL	31-41	31-44					31-42					31-34					12-40					12-39					32-79				
RAIL CLEAN	785										675										675					785					
TONNAGE (MGT)	6.2																														

GRINDING																					80 (1)																			
WELDING																																								
SURFACING	80E										78										78E										79E									
TIES																																								
UNDERCUTTING																																								
RAIL	32-80																														32-79									
RAIL CLEAN	785																																							
TONNAGE (MGT)	6.7																																							

01

02

GRINDING	74 (1)				
WELDING					
SURFACING	80E				80E
TIES	80				
UNDERCUTTING					
RAIL	1-35	15-58	15-57	15-52	32-63
RAIL CLEAN		705			
TONNAGE (MGT)		2.4			

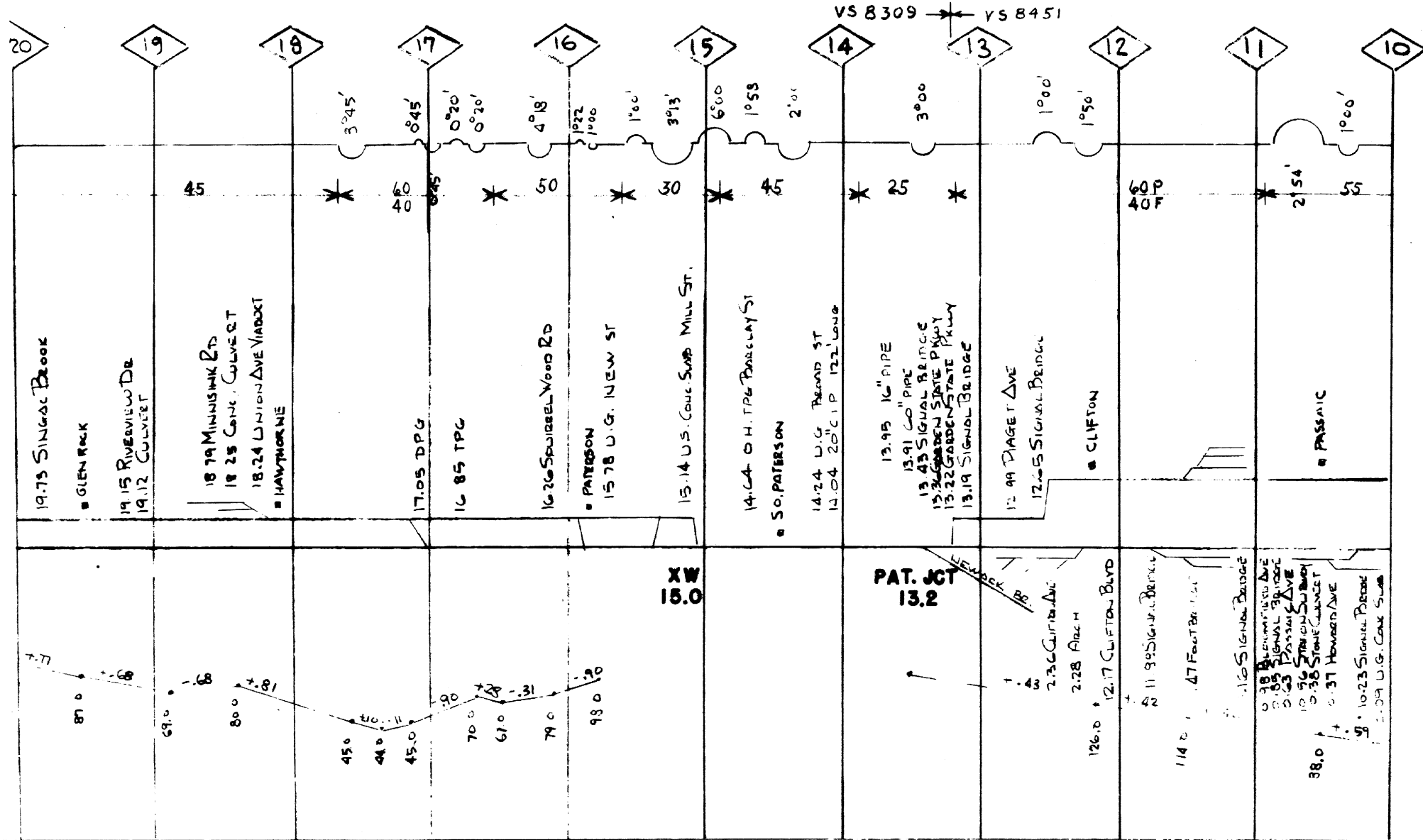
GRINDING	74 (1)		
WELDING			
SURFACING	80E		
TIES	80		
UNDERCUTTING			
RAIL	30-27	30-25	30
RAIL CLEAN		725	695
TONNAGE (MGT)		1.7	

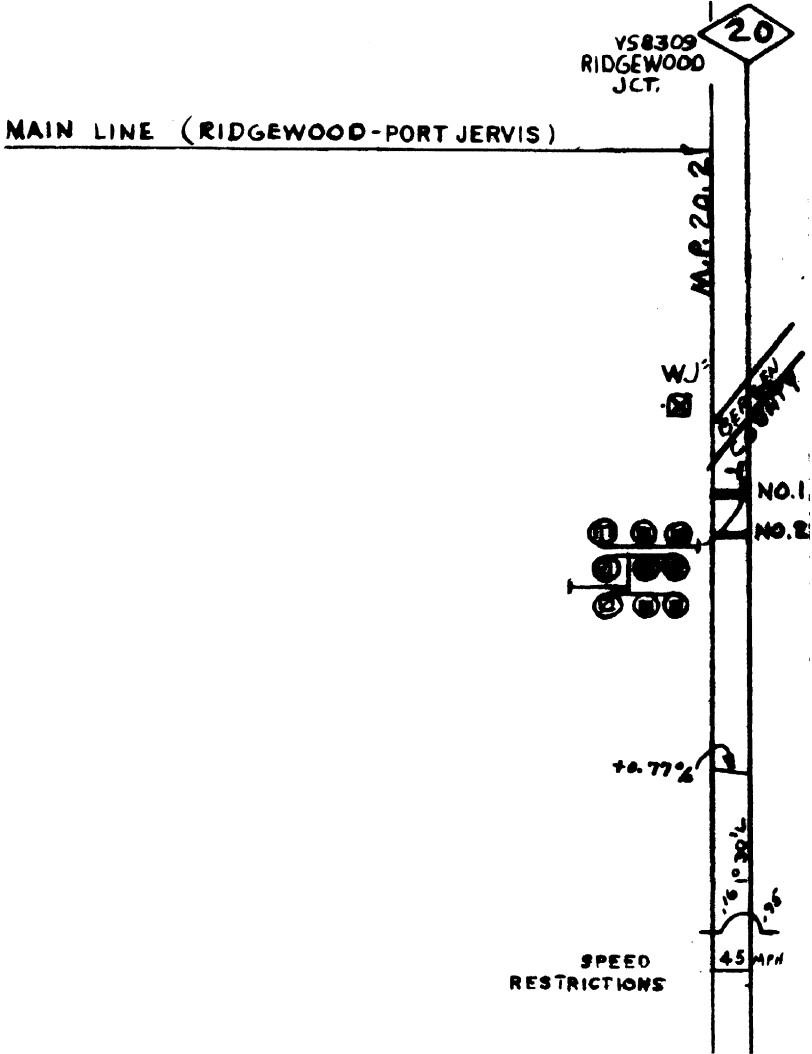
74 (1)
80E
73
31-34
725
1.7

001

GRINDING	63 (1)			60 (1)				74 (1)		
WELDING										
SURFACING	80E					79E		80E		
TIES	80					79		80		
UNDERCUTTING										
RAIL	12-27	15-58	15-57	15-52	32-63	30-63	60		31-46	
RAIL CLEAN		705						725	735	695
TONNAGE (MGT)		1.0				2.6			0.6	

002



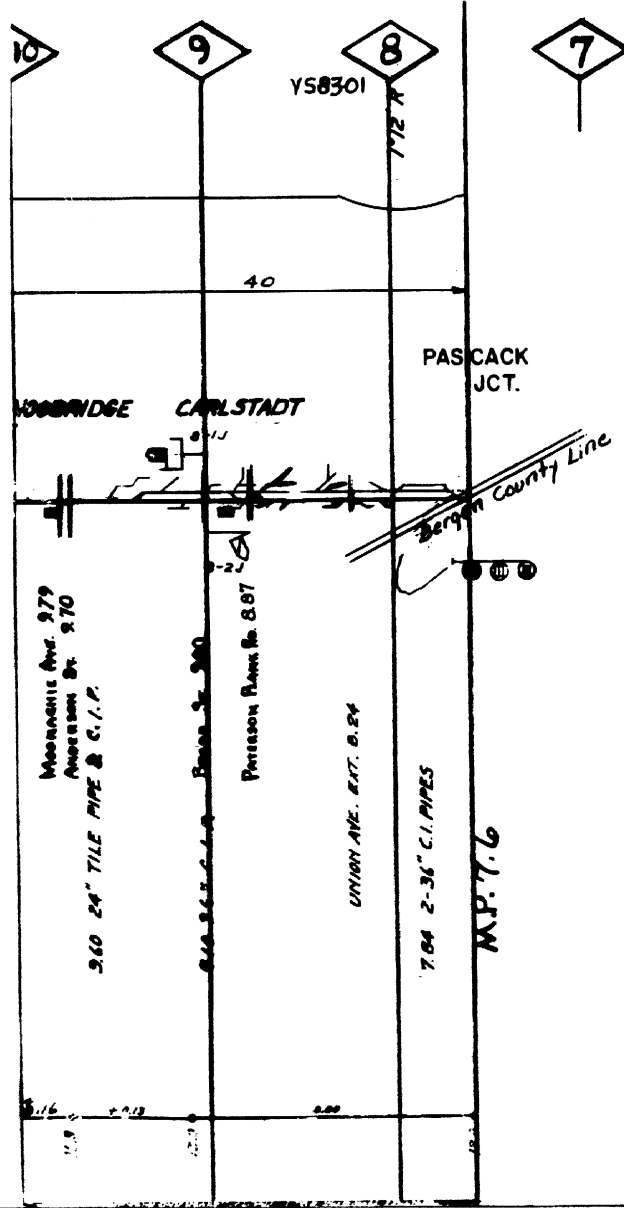


GRINDING		
WELDING		
SURFACING		
TIES	80	001
UNDERCUTTING		
RAIL		
RAIL CLEAN		
TONNAGE (MGT)		

GRINDING		
WELDING		
SURFACING		
TIES	80	002
UNDERCUTTING		
RAIL		
RAIL CLEAN		
TONNAGE (MGT)		

GRINDING	68 (1)
WELDING	
SURFACING	80E
TIES	71
UNDERCUTTING	
RAIL	12F71//V 32-80//
BAR CLEAN	
TONNAGE (AGT)	1.7

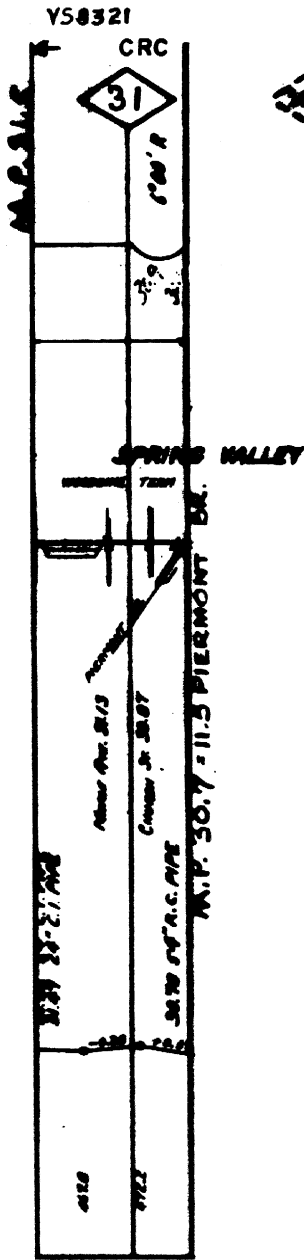
007

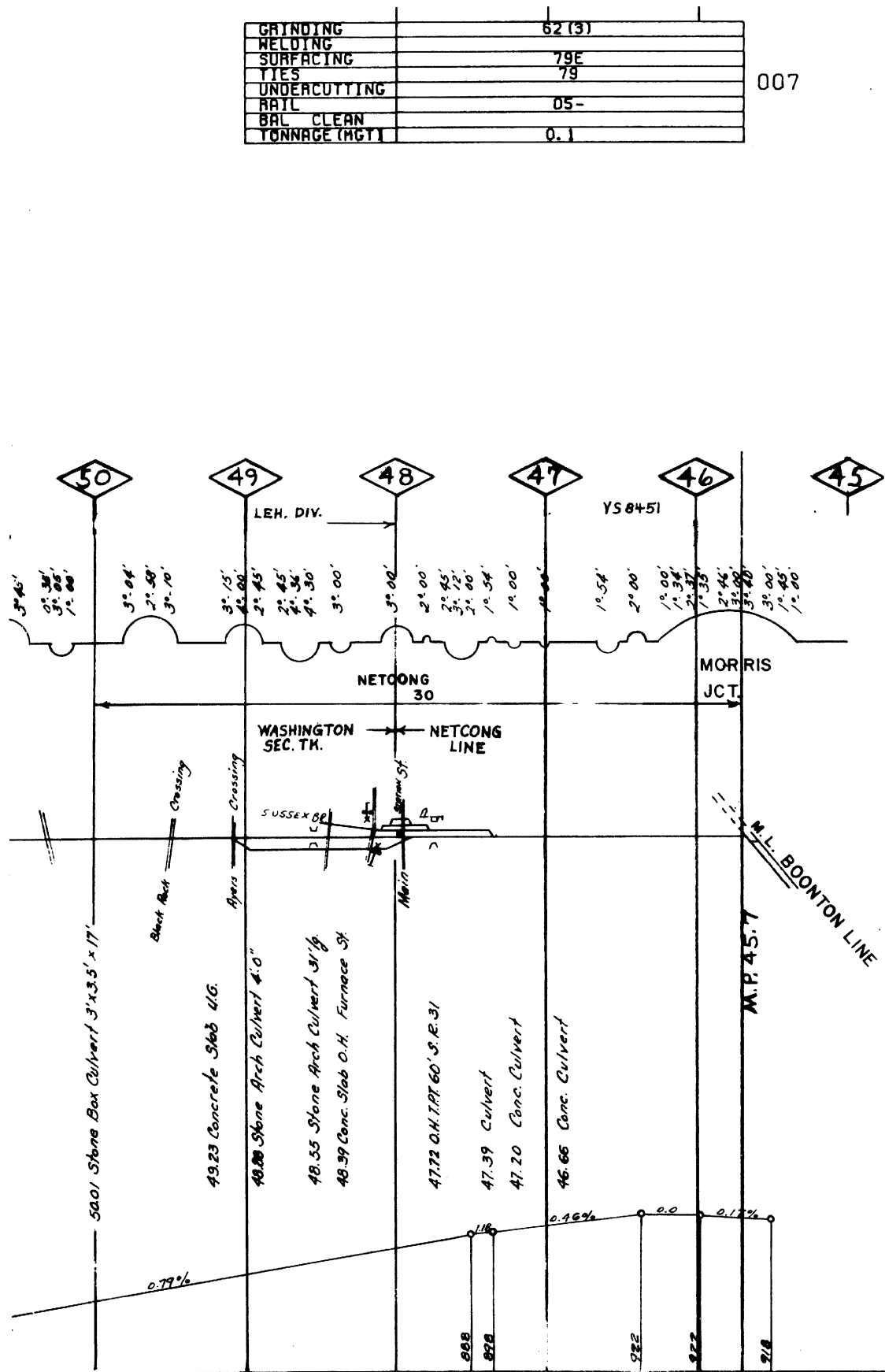


007

GRINDING	
WELDING	80TH
SURFACING	80E
TIES	77
UNDERCUTTING	
RAIL	1/19-80/
BAL. CLEAN	
TONNAGE (AGT)	0.0

007





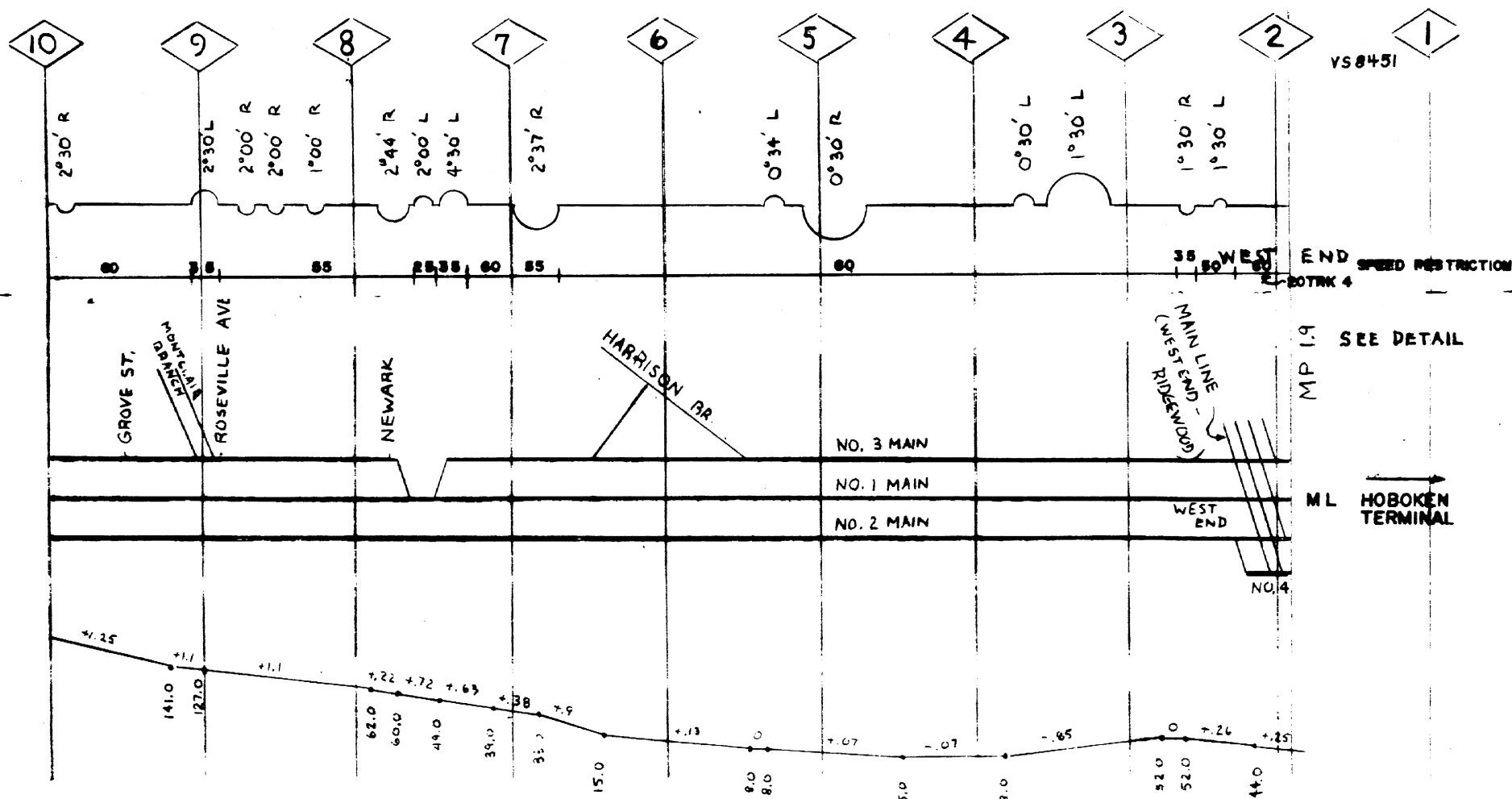
GRINDING	68 (1)	70 (1)
WELDING		
SURFACING	74 170	74 170
TIES	80	70
UNDERCUTTING		
RAIL	05-57	18-47
RAIL CLEAN	685	745
TONNAGE (AGT)	0.0	0.2

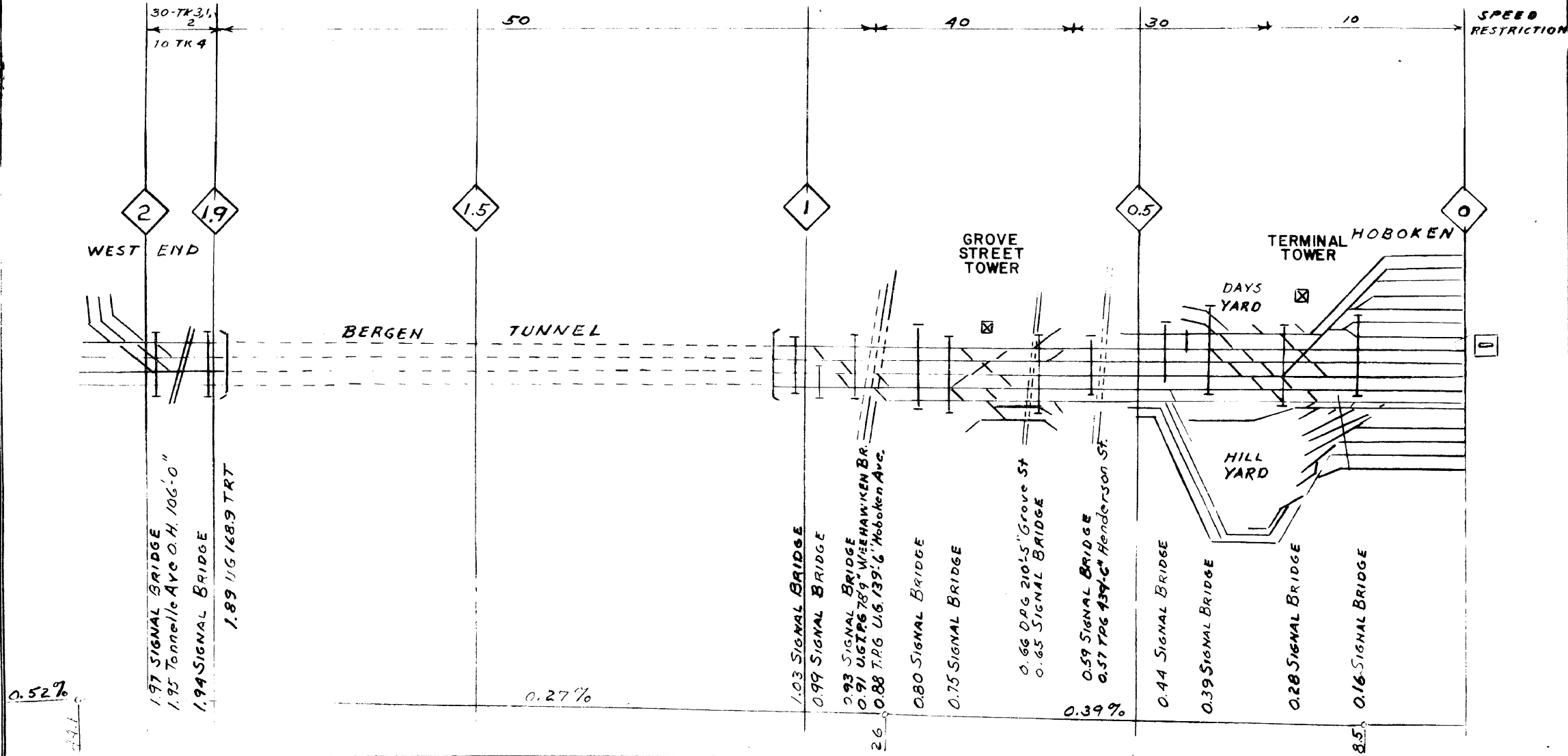
70 (1)	74 (1)	74 (1)
-70-	-79E-	77E 70
70	70	70
32-52	32-50	32-52 31-37 32-56 V / 32-80 / / 05-56
735	735	0.2
		0.0

GRINDING	63 (1)	70 (1)	74 (1)	80 (2)	74 (1)
WELDING					
SURFACING	80E 76E 74	79E 74 79E 74 79E 74	79E 77E	63	
TIES	76	70	70	73	
UNDERCUTTING					
RAIL	05-54 05-55	05-48 32	32-50	V / 32-80 / / 05-56	
RAIL CLEAN		745	735		
TONNAGE (AGT)	0.0	0.3	0.3		0.0

GRINDING	70 (1)	74 (1)	80 (1)	74 (1)
WELDING				
SURFACING	80E 79E 70 81E 79E		63	
TIES	80 70 70	81	81	71
UNDERCUTTING				
RAIL	05-50 05-48 18-47 05-57 32-52	32-50	31-53 V / / 19-77 / / 05-56	
RAIL CLEAN	645 735 745	735		
TONNAGE (AGT)	0.0	0.2		0.0

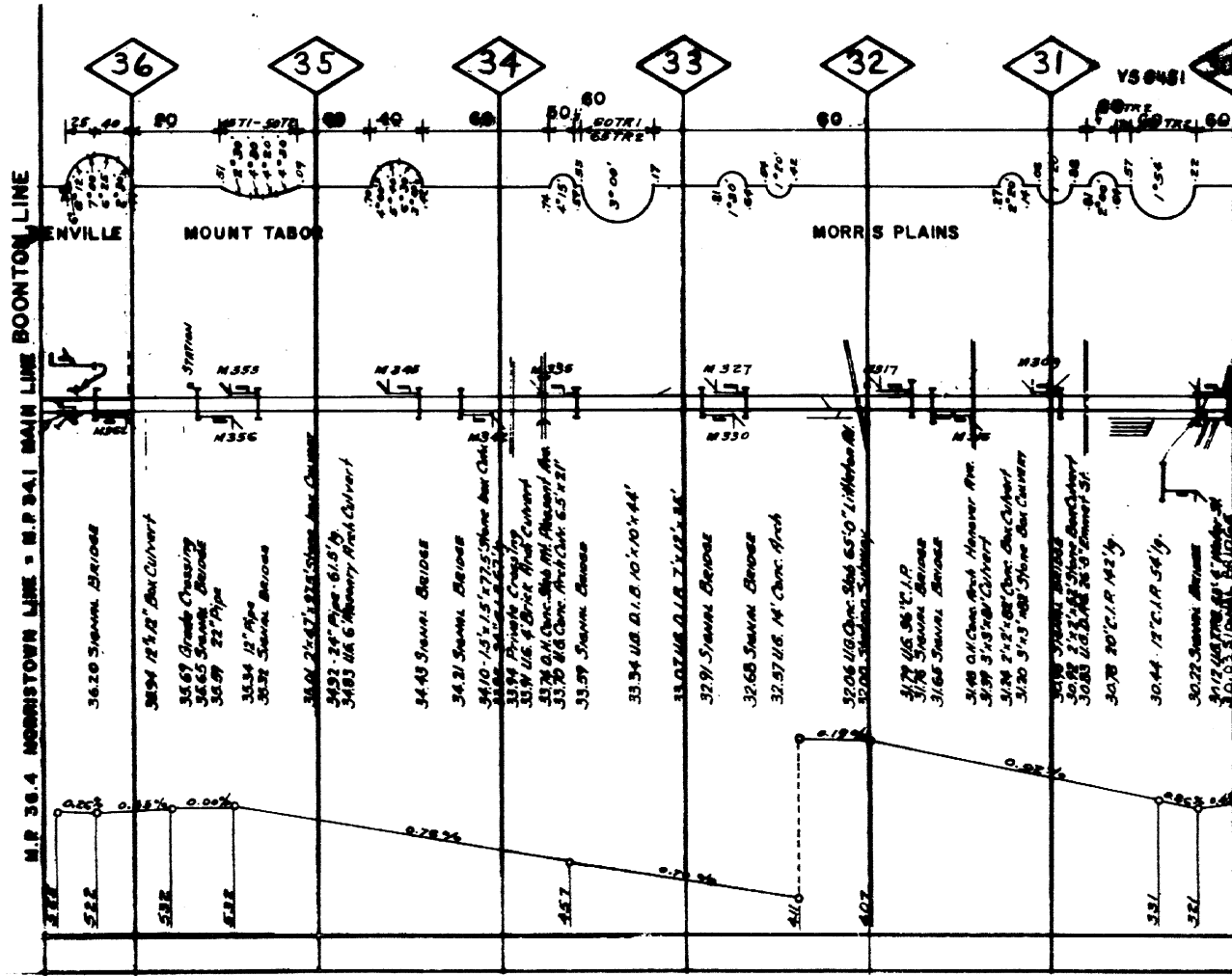
GRINDING	79 (1)	74 (1)
WELDING		
SURFACING	72	
TIES		
UNDERCUTTING		
RAIL	V / / 19-77 / / 05-56	
RAIL CLEAN		
TONNAGE (AGT)	0.0	





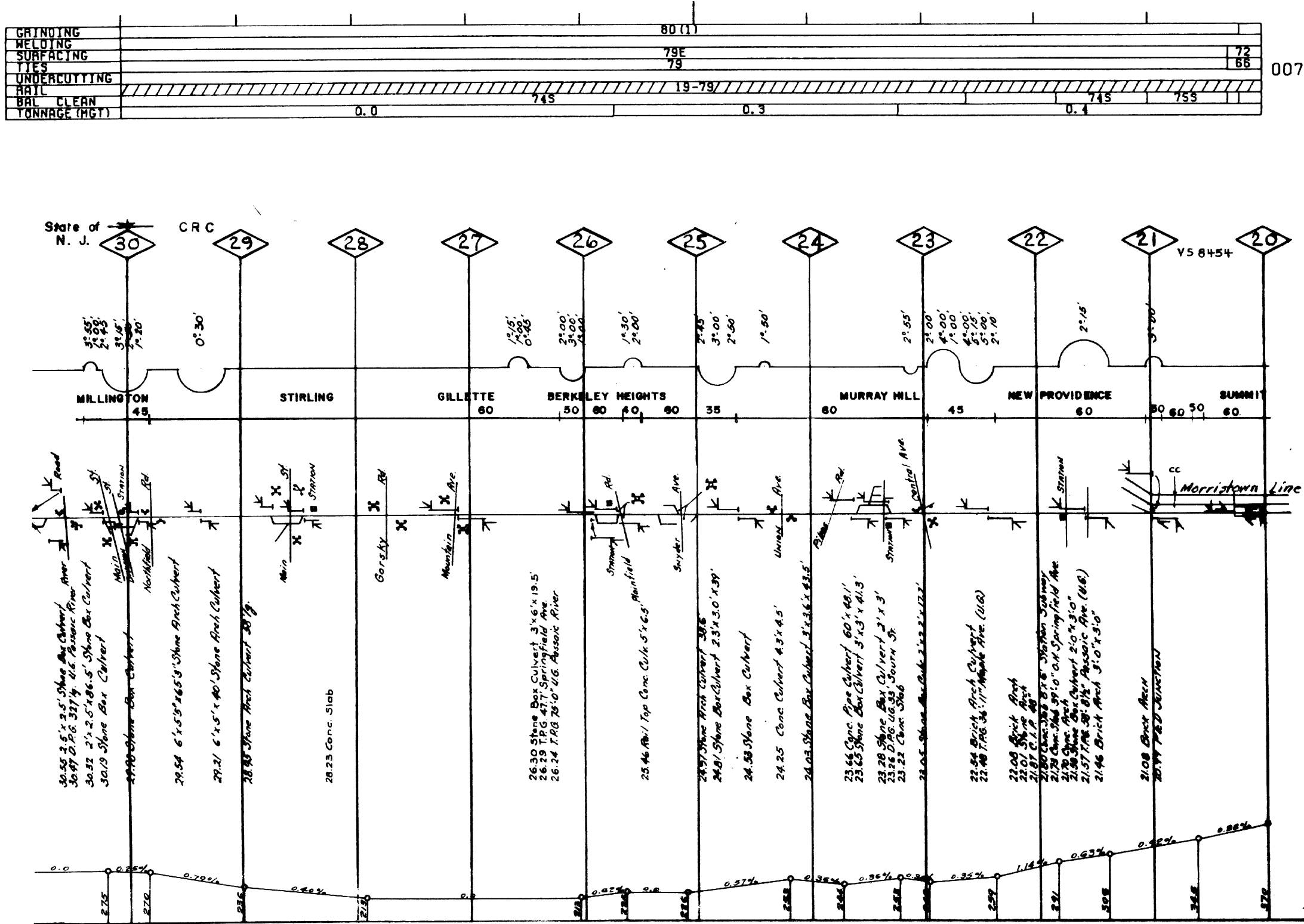
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[illegible]



GRINDING	74 (1)	79 (1)
WELDING		
SURFACING	80E	
TIES	80	
UNDERCUTTING		
RAIL	V 05-68/05-68 V V V V 05-68/ 05-68 V 05-68/	
BAR CLEAN	685	
TONNAGE (MGT)	0.3	

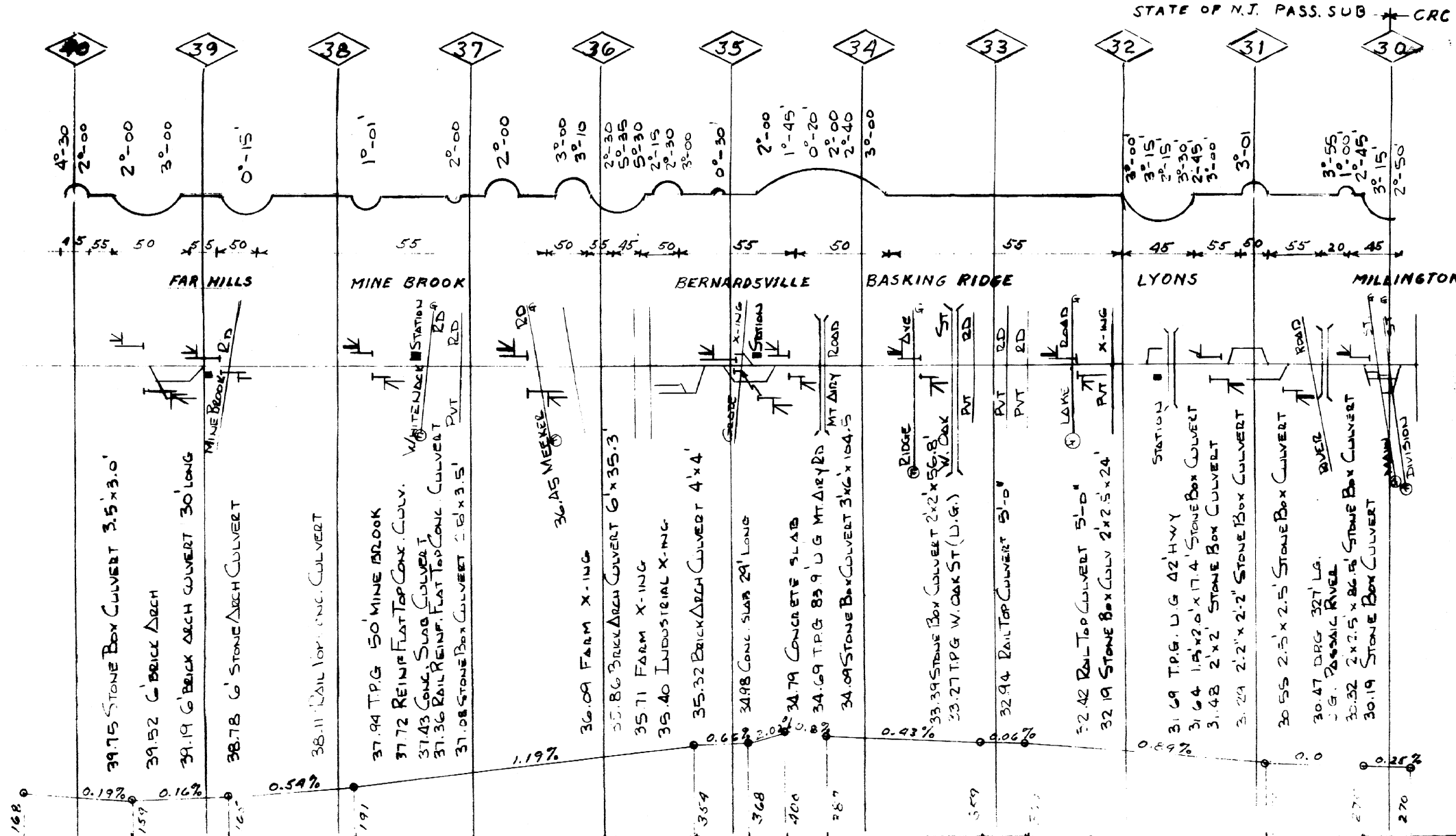
GRINDING	74 (1)	70 (1)	73 (1)	70 (1)	73 (1)
WELDING					
SURFACING	80E				68
TIES	80				68
UNDERCUTTING					
RAIL	05-69 V 05-69/ 05-69 V V V 05-69/ V 05-69/ 05-69				
BAR CLEAN	695	745			695
TONNAGE (MGT)		0.4			

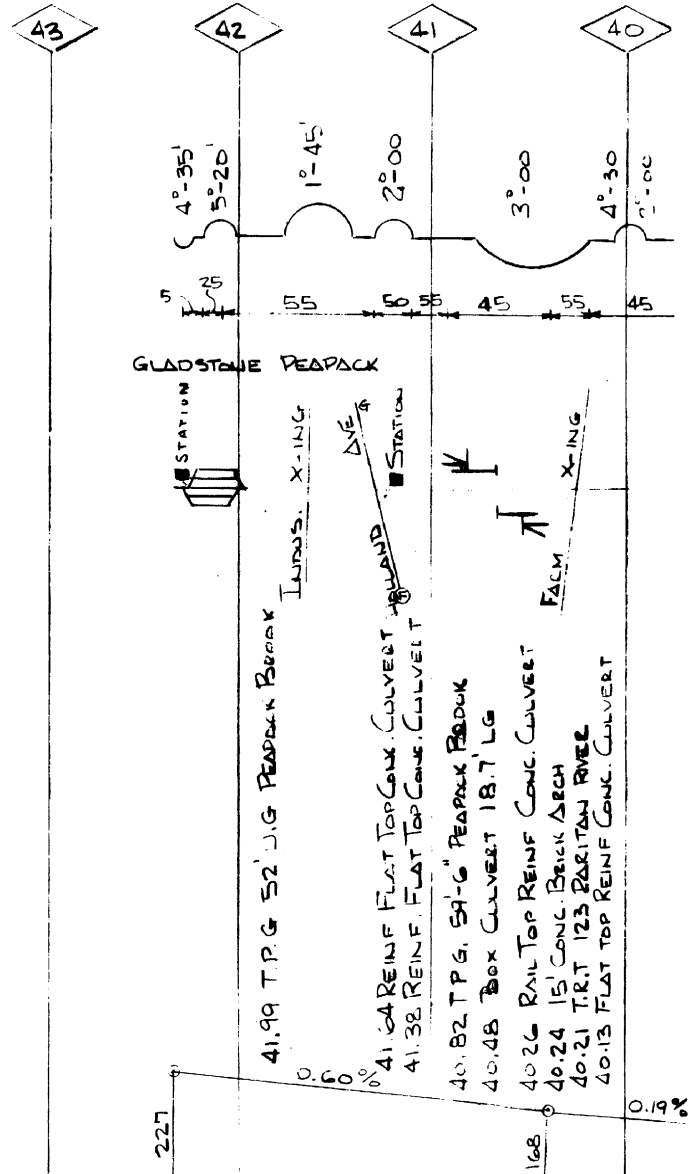


007

GRINDING	80 (1)
WELDING	
SURFACING	79E
TIES	79
UNDERCUTTING	
RAIL	19-79
BAL. CLEAN	74
TONNAGE (AGT)	0.0

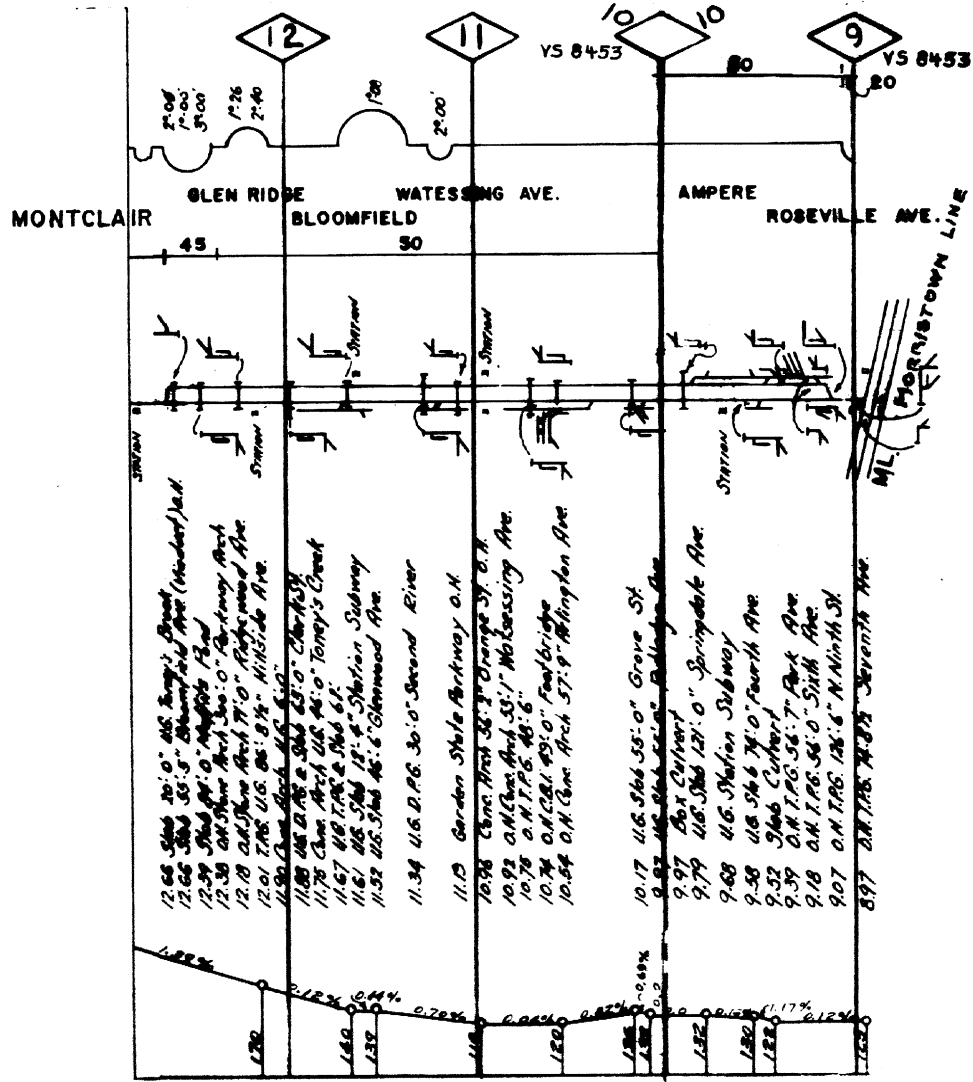
007





GRINDING	74 (1)	80 (1)
WELDING		
SURFACING	71	79E
TIES	65	79
UNDERCUTTING		
RAIL	05-VAR	V /// 19-79 ///
BAR CLEAN		74
TONNAGE (MGT)		0.0

007



GRINDING	64 (1)	
WELDING		
SURFACING	79E	
TIES	79	
UNDERCUTTING		
RAIL	05	
RAIL CLEAN		
TONNAGE (MGT)	0.1	0.2

001

GRINDING	64 (1)	
WELDING		
SURFACING	79E	
TIES	79	
UNDERCUTTING		
RAIL	05	
RAIL CLEAN		
TONNAGE (MGT)	0.1	0.2

002