



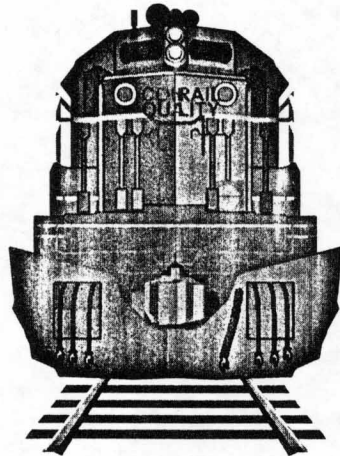
**MAINTENANCE PROGRAM
AND
TRACK CHART**

PITTSBURGH DIVISION

1998

CONRAIL

COMMITTED TO
ENGINEERING EXCELLENCE,
CUSTOMER SATISFACTION
AND SAFETY.



H.T. JOSEPH

H. T. Joseph

TABLE OF CONTENTS

- ◆ INDEX OF ACTIVE LINES
 - PLOTTED LINES
 - NONPLOTTED LINES
- ◆ MAPS
 - PITTSBURGH DIVISION MAP
 - TRACK CONN. - PITTSBURGH, PA.
 - TRACK CONN. - YOUNGSTOWN, OHIO
 - TRACK CONN. - BROWNSVILLE, PA
 - CONWAY YARD
 - SHARON, PA.
 - NEW CASTLE, PA.
 - CONWAY, PA.
 - ALTOONA-JOHNSTOWN-HOLIDAYSBURG
 - FORMER MONONGAHELA RR
- ◆ MAINTENANCE OF WAY - FIELD TESTS
- ◆ COST CENTERS
- ◆ FIBER OPTICS
 - FIBER OPTIC MAP
 - FIBER OPTIC CABLE HOT LINE NUMBERS
 - CABLE LOCATIONS BY LINE NAME
- ◆ CRITICAL CLEARANCE LINE OBSTRUCTIONS
- ◆ AEI TAG READER LOCATIONS
- ◆ HIGH CAR DETECTOR LOCATIONS
- ◆ LEGEND PAGE
- ◆ TRACK CHART PAGES 1 - 213

CONSOLIDATED RAIL CORPORATION

PAGE 1

TRACK CHART INDEX PAGE

ESP678MS

DIVISION PITTSBURGH

LINE NAME	BETWEEN	FROM MILEPOST	TO MILEPOST	RDBR CODE	STATE	PAGE
CLEVELAND LINE	ROCHESTER & STATE LINE	0.0	14.6	40 2230	PA	12- 13
CLEVELAND LINE	STATE LINE & RIVER	14.6	26.6	40 2230	OH	11- 12
CLEVELAND LINE	RIVER & BAYARD	26.6	54.4	40 2430	OH	7- 10
CLEVELAND LINE	BAYARD & ALLIANCE	54.4	67.0	40 2426	OH	5- 6
CLEVELAND LINE	ALLIANCE & MP 90	67.0	90.0	40 2412	OH	2- 4
CLEVELAND LINE	MP 90 & CP HUDSON	90.0	98.0	40 2412	OH	1- 1
CONEMAUGH LINE	CONPITT JCT. & BOLIVAR	0.0	5.0	40 2211	PA	98- 98
CONEMAUGH LINE	BOLIVAR & SALTSBURG	5.0	25.0	40 2211	PA	95- 97
CONEMAUGH LINE	SALTSBURG & CP PENN	25.0	77.9	40 2211	PA	89- 94
FORT WAYNE LINE	PITTSBURGH & WOOD	0.0	34.0	40 2202	PA	57- 60
FORT WAYNE LINE	WOOD & STATE LINE	34.0	48.8	40 2402	PA	55- 56
FORT WAYNE LINE	STATE LINE & CRESTLINE	48.8	188.0	40 2402	OH	41- 55
FORT WAYNE LINE	CRESTLINE & BUCYRUS	188.0	200.6	40 2402	OH	39- 41
FORT WAYNE LINE	BUCYRUS & MIFFLIN	200.6	219.5	40 3102	OH	37- 39
FORT WAYNE LINE	MIFFLIN & DUNKIRK	219.5	236.4	40 3102	OH	35 -37
FORT WAYNE LINE	DUNKIRK & STATE LINE	236.4	300.4	40 3102	OH	29 -35
FORT WAYNE LINE	STATE LINE & FORT WAYNE	300.4	314.0	40 3102	IN	27- 28
MEADVILLE LINE	CP BK & PYMATUNING	105.4	136.3	40 6501	PA	120-123
MEADVILLE LINE	PYMATUNING & OH/PA STATE LINE	136.3	144.3	40 6502	PA	118-119
MEADVILLE LINE	PA/OH STATE LINE & HUBBARD	144.3	149.5	40 6502	OH	118-118
MEADVILLE LINE	CP HUBBARD & CP 52	149.5	150.8	40 2443	OH	117-117
MON LINE	CP BELL & CP ESPLIN	0.0	2.4	40 2223	PA	109-109
MON LINE	CP ESPLIN & CP 58	2.4	58.2	40 2220	PA	103-108
MON LINE	W. BROWNSVILLE & MILLSBORO	58.2	68.0	40 8002	PA	102-102
MON LINE	MILLSBORO & WAYNESBURG	68.0	85.8	40 8003	PA	99-101

CONSOLIDATED RAIL CORPORATION

PAGE 2

TRACK CHART INDEX PAGE

ESP678MS

DIVISION PITTSBURGH

LINE NAME	BETWEEN	FROM MILEPOST	TO MILEPOST	RDBR CODE	STATE	PAGE
PITTSBURGH LINE	BANKS & CP CANNON (PHI. OPERATIONS)	113.5	118.9	40 2102	PA	88- 88
PITTSBURGH LINE	CP CANNON & CONPIT	118.9	290.2	40 2102	PA	68- 88
PITTSBURGH LINE	CONPITT & PITTSBURGH	290.2	353.3	40 2202	PA	61- 67
SANG HOLLOW EXTENSION	PITTSBURGH LINE, 003 TRACK ACROSS RIVER	278.0	290.2	40 2111	PA	70- 71
RIVER LINE	YELLOW CREEK & ROCK	0.0	17.3	40 2231	OH	115-116
RIVER LINE	BRILLIANT & POWHATAN	23.6	57.0	40 2231	OH	111-114
YOUNGSTOWN LINE	ASHTABULA & CREEK	0.0	58.4	40 2440	OH	21- 26
YOUNGSTOWN LINE	CREEK & PA/OH STATELINE	58.4	66.2	40 2423	OH	19- 20
YOUNGSTOWN LINE	PA/OH STATE LINE & WAMPUM JCT.	66.2	81.3	40 2423	PA	17- 19
YOUNGSTOWN LINE	WAMPUM JCT. & NEW BRIGHTON	81.3	93.8	40 2433	PA	15- 16
YOUNGSTOWN LINE	NEW BRIGHTON & ROCHESTER	93.8	97.2	40 2233	PA	14- 14
"O" TRACK	WEST BROWNSVILLE	58.0	58.9	40 2258	PA	155-155
AKRON I.T.	HUDSON & CUYAHOGA FALLS	0.0	1.4	40 2421	OH	164-164
ALLIANCE R.T.	RING & ALLIANCE	33.6	38.0	40 2425	OH	167-167
BENS CREEK I.T.	PORTAGE & BC	0.0	2.5	40 2149	PA	133-133
BENTON I.T.	ALLIANCE	22.9	24.7	40 2445	OH	176-176
BLACKSVILLE I.T.	LACK & STATE LINE	26.4	26.7	40 8004	PA	198-198
BLACKSVILLE I.T.	STATE LINE & END OF TRACK	26.7	27.1	40 8004	WV	198-198
BLAIRSVILLE I.T.	BLAIRSVILLE & BLACK LICK	0.0	5.7	40 2240	PA	150-150
BLAIRSVILLE SEC.	BLACK LICK & DIGS	5.7	17.5	40 4040	PA	148-149
BLOCK HOUSE RUN I.T.	ROCHESTER & BRIGHTON YARD	0.0	0.5	40 4022	PA	160-160
CAPTINA R.T.	POWHATAN & END	0.0	15.7	40 2237	OH	146-147
COKEBURG I.T.	COKEBURG JCT.	0.0	2.6	40 2255	PA	154-154
COVE R.T. / RAE I.T.	WYE & HOLLIDAYSBURG	6.5	8.0	40 2122	PA	124-124
COVE SEC	ALTOONA & WYE	0.0	6.5	40 2122	PA	124-124

CONSOLIDATED RAIL CORPORATION

PAGE 3

TRACK CHART INDEX PAGE

ESP678MS

DIVISION PITTSBURGH

LINE NAME	BETWEEN	FROM MILEPOST	TO MILEPOST	RDBR CODE	STATE	PAGE
DETOUR R.T.	DETOUR & PINE	11.7	15.5	40 2424	OH	172-172
ECONOMY IND TRK EXT	AMBRIDGE & BADEN	1.0	3.0	40 4021	PA	151-151
ELLSWORTH I.T.	COKE & MARIANA	11.9	19.4	40 2254	PA	152-152
ELLSWORTH SEC.	MONONGAHELA & COKE	0.0	11.9	40 2254	PA	152-153
FEDERAL R.T.	BULA & TERMINUS	2.0	6.0	40 8005	WV	199-199
FRANKLIN I.T.	FRANKLIN & OIL CITY	23.0	33.6	40 6561	PA	180-181
FRANKLIN SEC.	BUCHANAN & FRANKLYN	0.0	23.0	40 6561	PA	181-183
GEM I.T.	SOAP TOWN & GOODMAN YD.	0.0	2.2	40 2439	OH	174-174
GOULD I.T.	MING & GOULD	46.0	49.5	40 2206	OH	136-136
HARBOR CONNECTING TRACK	"OD" & ASHTABULA HARBOR (JM)	0.0	1.4	40 2465	OH	213-213
HARDING I.T.	MANS & ONTARIO	268.8	275.1	40 6601	OH	184-184
HUGO I.T.	HUGO (END OF TK.) & BRADY	25.5	27.4	40 2444	OH	175-175
ISLAND CONN.	BRIDGE & "PENNA. AVE"	0.0	1.4	40 2224	PA	140-140
JEANNETTE I.T.	JEANNETTE	0.0	0.2	40 2282	PA	157-157
JOHNSTOWN I.T.	CONEMAUGH & JOHNSTOWN	0.0	1.0	40 2152	PA	135-135
KOPPEL SEC.	WAMPUM JCT. & WOOD	81.1	87.5	40 2422	PA	166-166
LATROBE I.T.	LATROBE & KINGSTON	0.0	2.0	40 2299	PA	159-159
LIMA I.T.	LIMA	51.1	54.3	40 6604	OH	185-185
LORDSTOWN SEC	CREEK & BOANNA	0.0	12.8	40 2423	OH	170-171
LORDSTOWN SEC.	BOANNA & RING	12.8	33.6	40 2425	OH	167-169
LOVERIDGE R.T.	GRANT TOWN & LOVE	70.9	79.6	40 8001	WV	195-195
LOVERIDGE SEC	BROWNSVILLE & PA/WV STATELINE	0.0	35.7	40 8001	PA	188-191
LOVERIDGE SEC	PA/WV STATELINE & GRANT TOWN	35.7	70.9	40 8001	WV	191-195
M&C I.T.	MASSILLON (MACE) & E.GRAVEL	0.0	2.0	40 2431	OH	212-212
MANOR BRANCH	CON MAN & FORK	0.0	12.0	40 8006	PA	200-201

CONSOLIDATED RAIL CORPORATION

PAGE 4

TRACK CHART INDEX PAGE

ESP678MS

DIVISION PITTSBURGH

LINE NAME		BETWEEN	FROM MILEPOST	TO MILEPOST	RDBR CODE	STATE	PAGE
MANOR I.T.	CON	FORK & BAILEY MINE	12.0	15.4	40 8006	PA	201-201
MEAD I.T.		MEAD & CP BK	102.3	105.4	40 6501	PA	123-123
MIRACLE RUN BR.		CLIFF & STATE LINE	0.0	0.0	40 8005	PA	199-199
MIRACLE RUN BR.		STATE LINE & BULA	0.0	2.0	40 8005	WV	199-199
NEW CASTLE CONNECTION		CASTLE & CP 46(P&LE)	46.5	47.3	40 2452	OH	177-177
NEWELL I.T.		WEIRTON JCT. & NEWELL	0.0	19.2	40 2234	WV	143-144
NILES SEC.		CP EAST WAR & LATIMER	20.0	30.8	40 6501	OH	178-179
OIL CITY I.T.		OIL CITY & "BRIDGE"	0.0	2.0	40 2328	PA	162-162
OIL CITY I.T.		OIL CITY & BRIDGE	129.5	132.3	40 2329	PA	163-163
OMAL R.T.		POWHATAN	57.0	60.5	40 2231	OH	110-111
ORRVILLE I.T.		ORRVILLE	35.0	37.2	40 2421	OH	165-165
PORT PERRY BR.		E PGH. (WING) & THOMSON (PERRY)	0.0	2.9	40 2219	PA	139-139
RAE I.T.		FRANK & HOLLY	28.0	32.0	40 2122	PA	125-125
RIKER R.T.	CSX	DC TOWER	0.0	2.0	40 8009	PA	209-209
RIVER I.T.		ROCK & GR	17.3	23.6	40 2231	OH	114-115
SHELOCTA R.T.		CLOE AND CREEKSIDE	2.0	26.7	40 8009	PA	207-209
SHELOCTA R.T.		CREEKSIDE AND SHELOCTA	27.0	32.8	40 8008	PA	204-206
SONMAN I.T.		SONMAN (BENS CREEK BRANCH)	0.0	0.8	40 2150	PA	134-134
SOUTH FORK I.T.		"W" PGH. LINE & FORK	0.0	2.7	40 2141	PA	131-131
SOUTH FORK I.T.		SHADE CREEK & ASHTOLA	14.4	16.2	40 2141	PA	130-130
SOUTH FORK SEC.		FORK & PAINT	2.7	14.4	40 2141	PA	130-131
SOUTH FORK SEC.		SCALP LEVEL & SHADE CREEK	14.4	15.1	40 2142	PA	129-129
SOUTH FORK SEC.		SHADE CREEK & GAHAGAN	15.1	34.6	40 2143	PA	126-128
SOUTHWEST I.T.		RADEBAUGH	0.0	0.9	40 2218	PA	138-138
SPORE I.T.		SPORE & BUCYRUS	62.9	69.7	40 8130	OH	186-186

CONSOLIDATED RAIL CORPORATION

PAGE 5

TRACK CHART INDEX PAGE

ESP678MS

DIVISION PITTSBURGH

LINE NAME	BETWEEN	FROM MILEPOST	TO MILEPOST	RDBR CODE	STATE	PAGE
TITUS I.T.	ROUSEVILLE & OIL CITY	133.8	137.5	40 2327	PA	161-161
TURTLE CREEK I.T.	TRAFFORD	0.0	0.9	40 2277	PA	156-156
UNITY I.T.	LATROBE	0.0	0.9	40 2285	PA	158-158
VALLEY I.T.	HOME & ASPINWALL	0.0	0.8	40 2226	PA	141-141
VAN WERT I.T.	VAN WERT	102.2	105.5	40 8248	OH	187-187
VAN WYE I.T.	BOANNA & VAN WERT	0.0	0.5	40 2437	OH	173-173
WANA SPUR	WANA & BLACKSVILLE MINE #2	0.0	0.2	40 8007	PA	202-202
WANA SPUR	WANA & BLACKSVILLE MINE #2	0.2	1.5	40 8007	WV	202-202
WAYNESBURG BR.	WAYNESBURG & STATE LINE	1.1	20.6	40 8004	PA	196-198
WAYNESBURG BR.	WAYNESBURG & LACK	20.6	21.0	40 8004	WV	198-198
WAYNESBURG BR.	STATE LINE	21.0	23.1	40 8004	PA	198-198
WAYNESBURG BR.	STATE LINE	23.1	23.5	40 8004	WV	198-198
WAYNESBURG BR.	STATE LINE	23.5	23.6	40 8004	PA	198-198
WAYNESBURG BR.	STATE LINE	23.6	24.5	40 8004	WV	198-198
WAYNESBURG BR.	STATE LINE	24.5	25.0	40 8004	PA	198-198
WAYNESBURG BR.	STATE LINE & LACK	25.0	26.4	40 8004	WV	198-198
WEIRTON SEC.	STEEL & WV/OH ST/LINE	39.3	42.0	40 2206	WV	136-137
WEIRTON SEC.	WV/OH ST/LINE & MING	42.0	46.0	40 2206	OH	136-136
WELLS I.T.	WEIRTON JCT. & LAZEARVILLE	0.0	8.2	40 2235	WV	145-145
WHEATLAND I.T.	WHEATLAND & SHARPVILLE	66.0	73.0	40 2434	PA	210-210
WHEATLAND I.T.	SHENANGO & JAMESTOWN	80.9	81.7	40 2434	PA	211-211
WINDBER I.T.	WINDBER & END	0.0	1.5	40 2145	PA	132-132
YELLOW CREEK R.T.	RIVER & BRANCH	0.0	1.0	40 2232	OH	142-142

CONSOLIDATED RAIL CORPORATION

PAGE 1

ACTIVE LINES NOT PLOTTED

ESP678MT

DIVISION PITTSBURGH

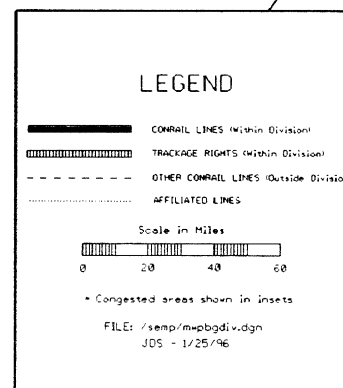
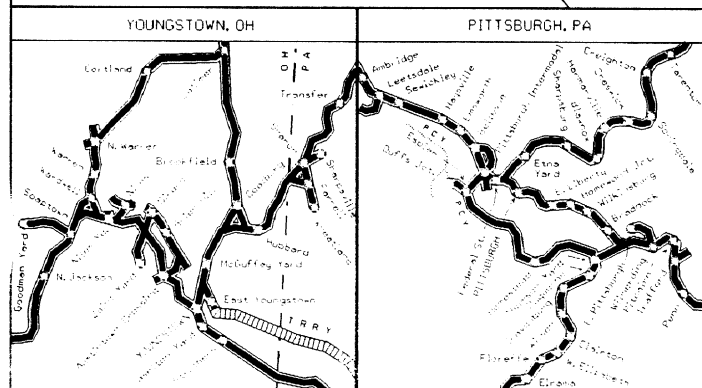
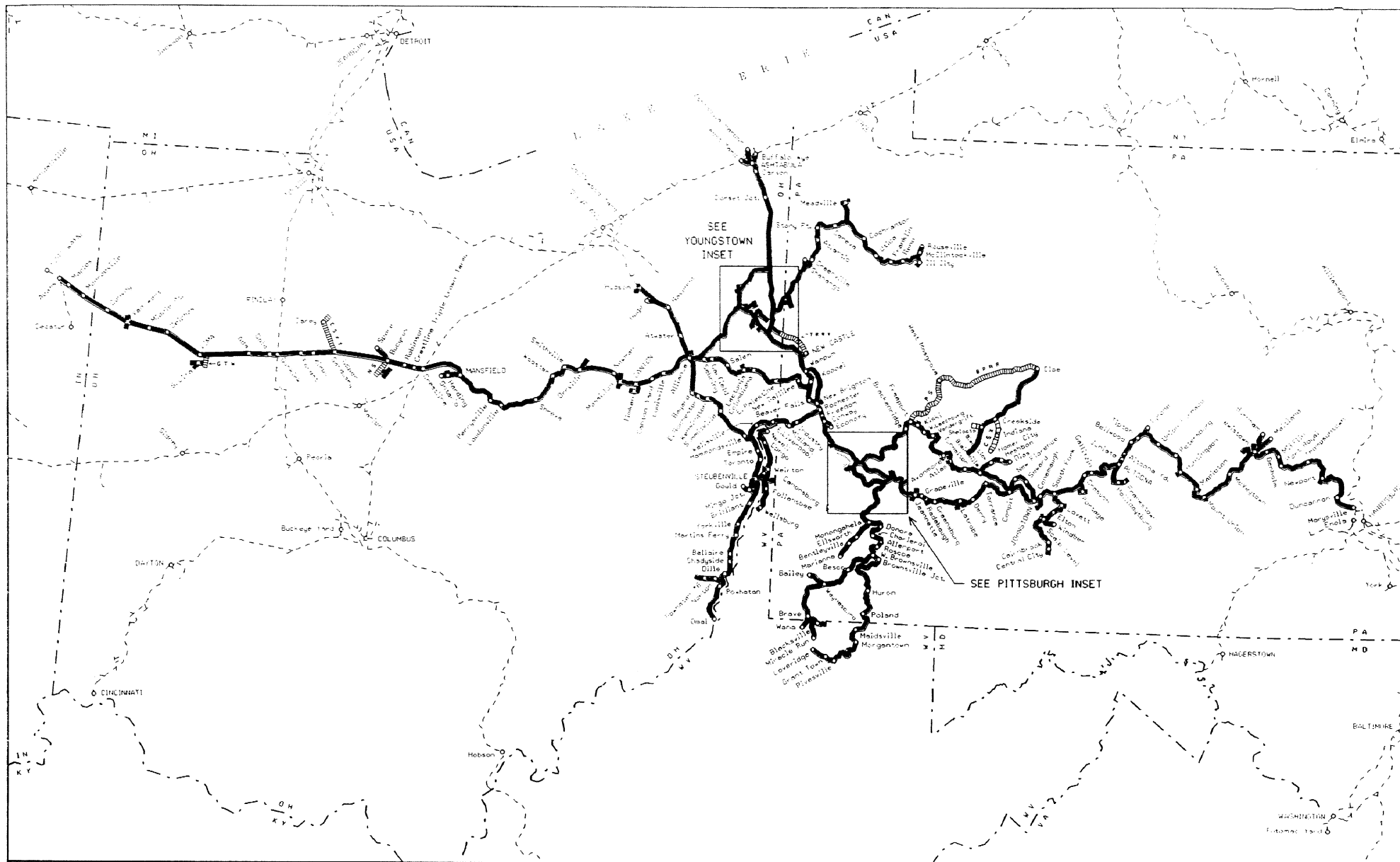
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B&P MAINLINE	B&P	PUNXSUTAWNEY AND WEST MOSGROVE	223.5	260.0	40 4012	PA
BALD EAGLE (TYRONE I.T.)	NMBE	TYRONE & VAIL	0.0	3.0	40 2121	PA
BALD EAGLE BRANCH	NMBE	VAIL & MILESBURG	3.0	32.0	40 2121	PA
BALD EAGLE BRANCH	NMBE		32.0	34.6	40 2121	PA
BALD EAGLE I.T.	NMBE	MP 34.6 & MILL HALL	34.6	50.0	40 2121	PA
BAYARD BR.		BAYARD & FAIRHOPE	68.0	69.0	40 2430	OH
CAREY - CSX	CSXT	CHESS AND CAREY	63.8	73.8	40 8153	OH
CAREY I.T.	CSXT	CAREY	48.5	49.5	40 8133	OH
CARNEGIE SEC.	PIR	ESPLEN & WAGNER	2.4	5.3	40 2221	PA
CEICO LEAD			125.3	125.5	40 2424	OH
COVE I.T.	E RR	BROOKSMILLS & ROARING SPRING	14.2	18.2	40 2128	PA
COVE R.T.	E RR	HOLLIDAYSBURG	8.0	9.0	40 2128	PA
COVE R.T.	E RR	HOLLIDAYSBURG & BROOKSMILLS	9.0	14.2	40 2128	PA
DELPHOS TERMINAL RAILROAD	DTRR	DELPHOS AND LANDEK	73.7	77.5	40 4041	OH
DELPHOS TERMINAL RAILROAD	IHRC	LANDEK	77.5	77.8	40 4041	OH
EAST PITTSBURGH I.T.		E.PITTSBURGH & TURTLE CREEK	0.0	0.3	40 2276	PA
ERIE NORTH TRACK		LEETONIA	21.8	22.5	40 6563	OH
HARBOR CONN. TRACK			1.4	3.3	40 2465	OH
INDIANA SECONDARY	CSX	CREEKSIDE AND JOSEPHINE	26.7	44.7	40 8009	PA
MEADVILLE LINE		COLUM & MEAD	56.3	60.5	40 6501	PA
NILES SEC.	W&T	PINE & WAR	15.5	17.3	40 2424	OH
NILES SEC.	W&T	WAR	17.3	20.0	40 6501	OH
ORMET R.T.	ORC	POWHATAN & OMAL	60.5	72.7	40 2231	OH
ORRVILLE I.T.		ORRVILLE	37.2	38.7	40 2421	OH
P&S MAINLINE	B&P	FREEPORT AND WEST MOSGROVE	0.0	19.6	40 4011	PA


ACTIVE LINES NOT PLOTTED

ESP678MT

DIVISION PITTSBURGH

LINE NAME	BETWEEN	FROM MILEPOST	TO MILEPOST	RDBR CODE	STATE
RENO I.T.	POLK JCT. & RENO	9.2	9.6	40 2345	PA
S MASSILLON IT		0.0	1.4	40 2432	OH
SHARON I.T.	HUBBARD & BENTLEY	1.3	1.7	40 2443	OH
SHARON I.T.	DOUGHTON JCT.& FARREL	4.9	5.8	40 2443	OH
SHELOCTA R.T.	SHELOCTA & CLARKSBURG	32.8	44.0	40 8008	PA
SOUTH FORK I.T.	B&E SHADE CREEK & ASHTOLA	16.2	19.7	40 2141	PA
WYE I.T.	"WYE"	33.8	34.0	40 2123	PA



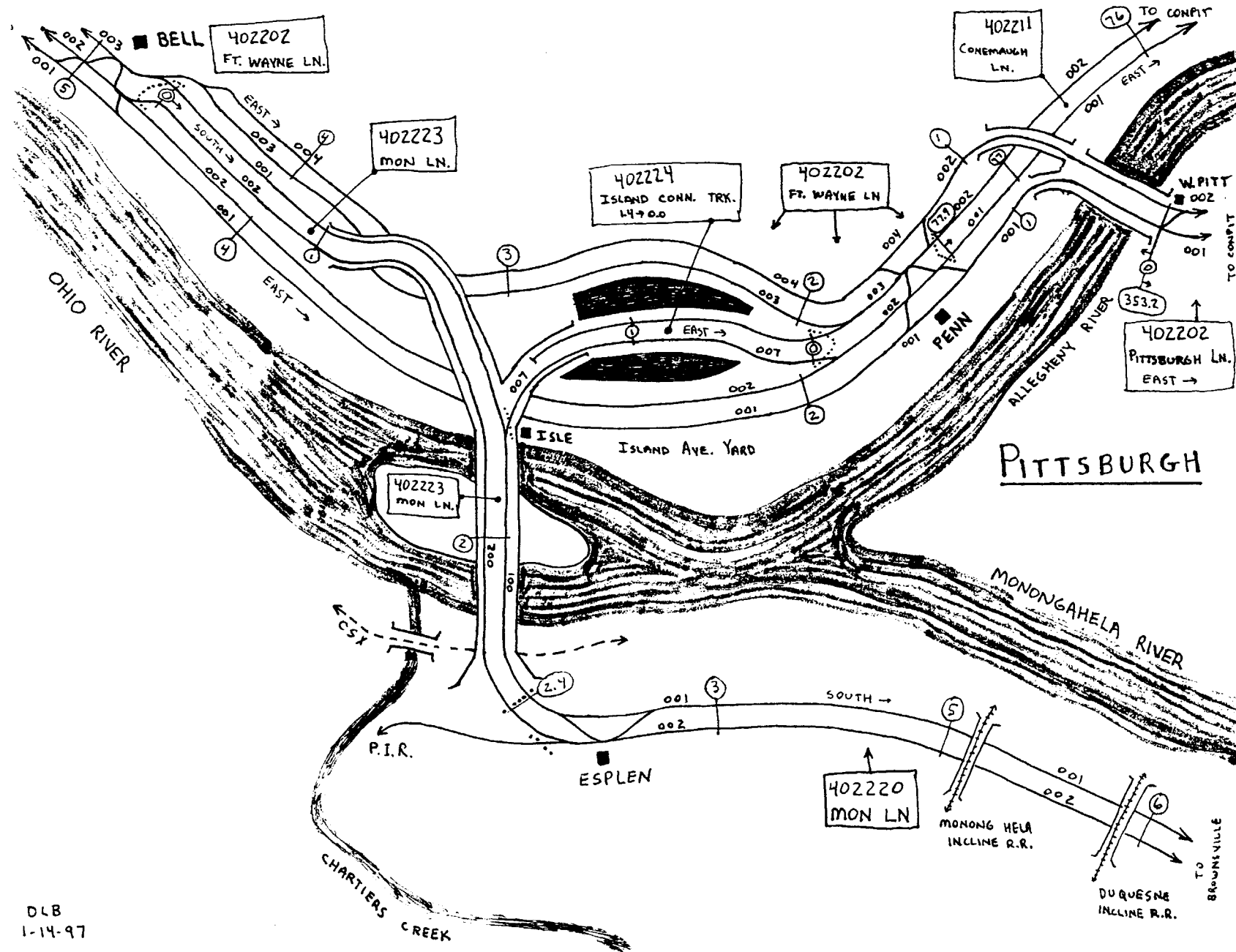


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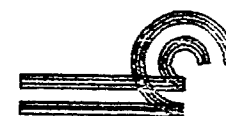
PITTSBURGH DIVISION

Office of Chief Engineer
Design & Construction
Consolidated Rail Corporation

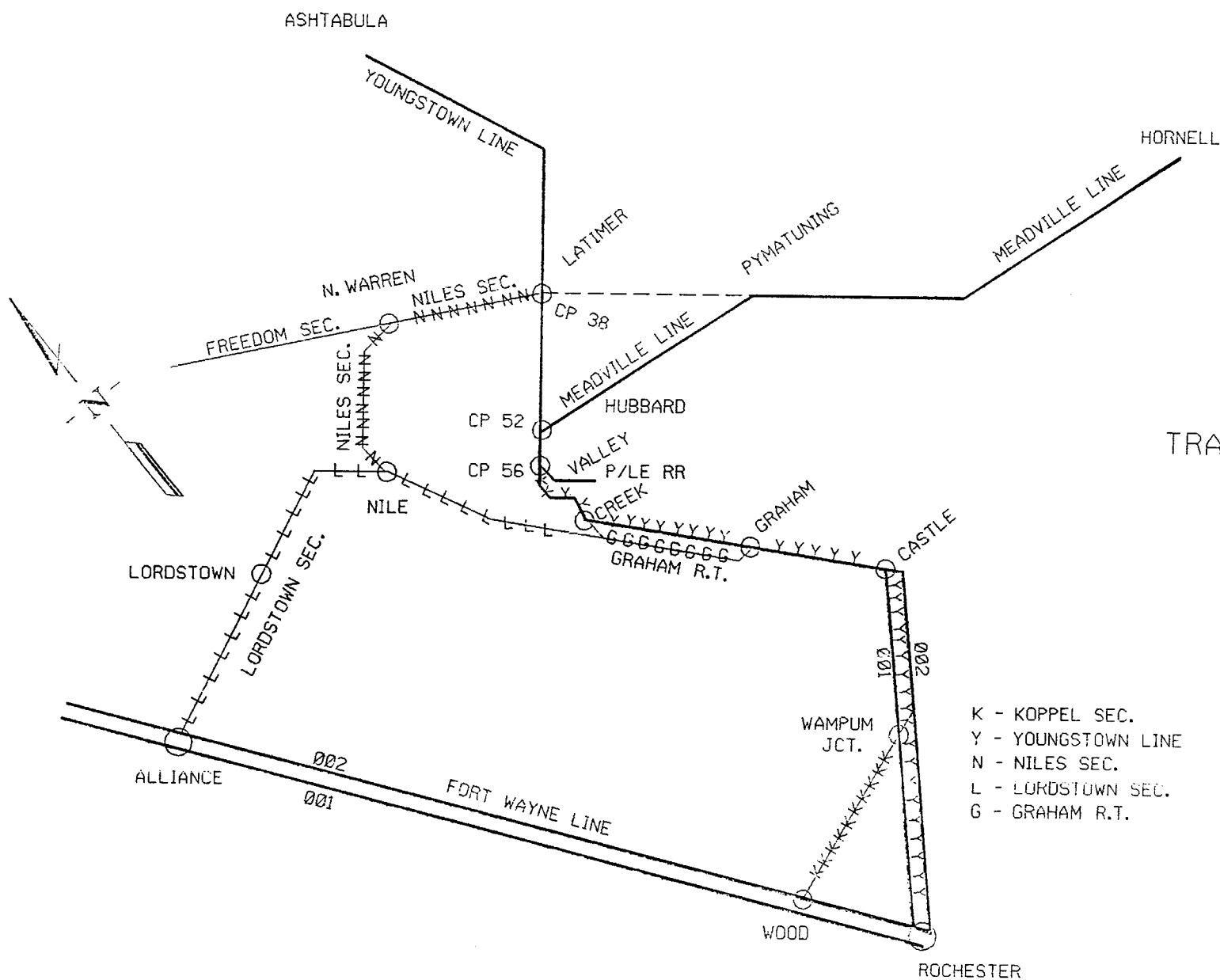
January, 1996
Philadelphia, PA



DLB
1-14-97



CONRAIL



TRACK CONNECTIONS
VICINITY
YOUNGSTOWN

K - KOPPEL SEC.
Y - YOUNGSTOWN LINE
N - NILES SEC.
L - LORDSTOWN SEC.
G - GRAHAM R.T.

DRAWN- H.T. JOSEPH
NO SCALE
REV. 12/90

BROWNSVILLE, PA

TO
PITTSBURGH

(56)

100.7

(57)

MON
LINE
40-2220

(58)

200

CP
WEST
BROWN

(58.1)

(58.4)

MON
LINE
40-8002

(59)

100.7

TO
WAYNESBURG

(57)

WEST
BROWNSVILLE
YARD

(58)

000

(58.1)

(58.4)

DLB

4-16-97

RIVER

MONONGAHELA

CSX
99.9905

(58.6)

(0.0)

CP
BROWN

000

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Run

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LOVERIDGE
SEC.
40-8001

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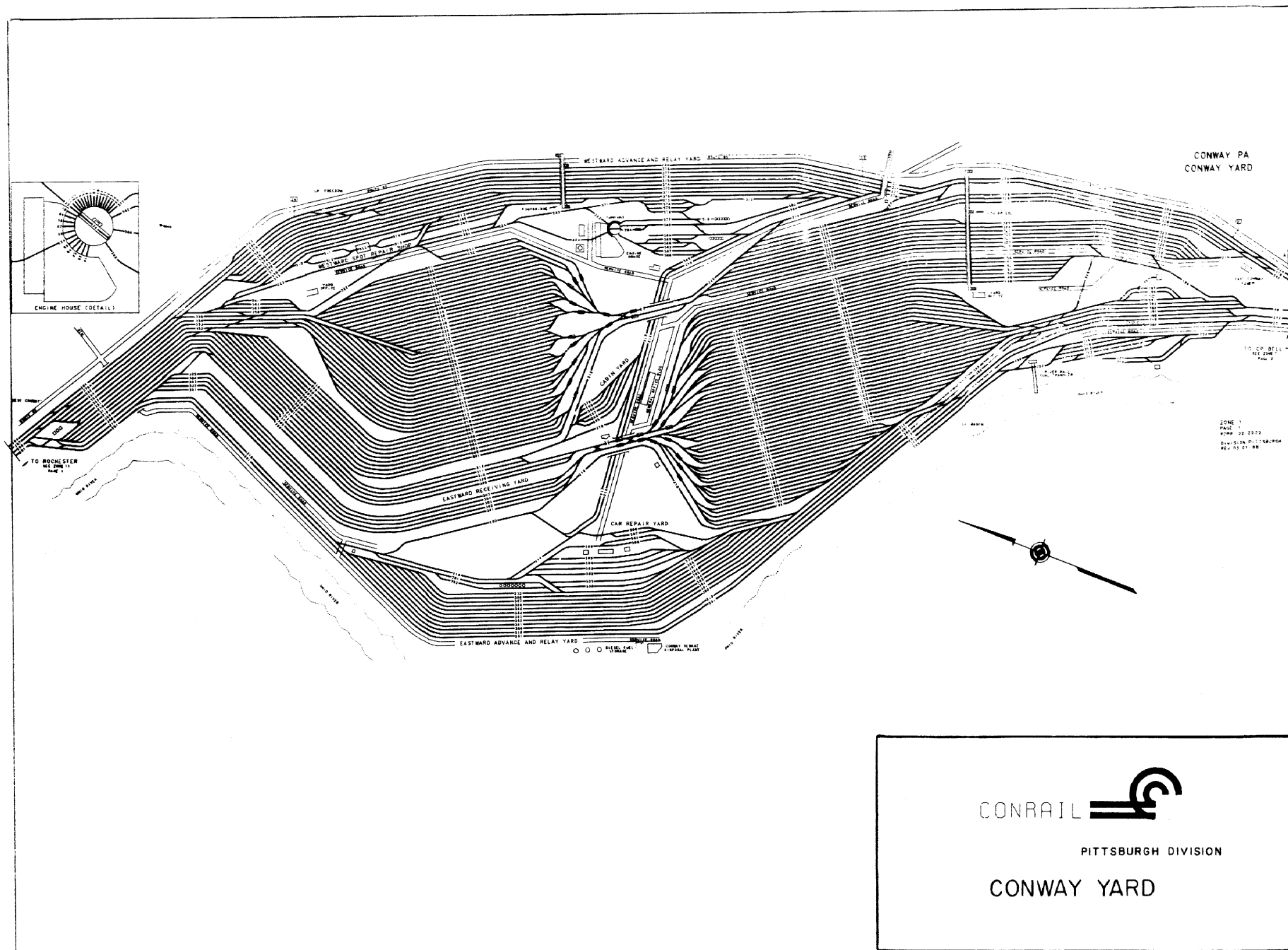
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YARD

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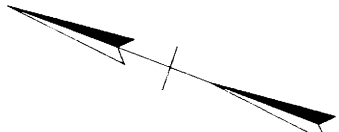
MORLANTOWN



RAILROADS & INDUSTRIES

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PHILADELPHIA, PA



AND VICINITY

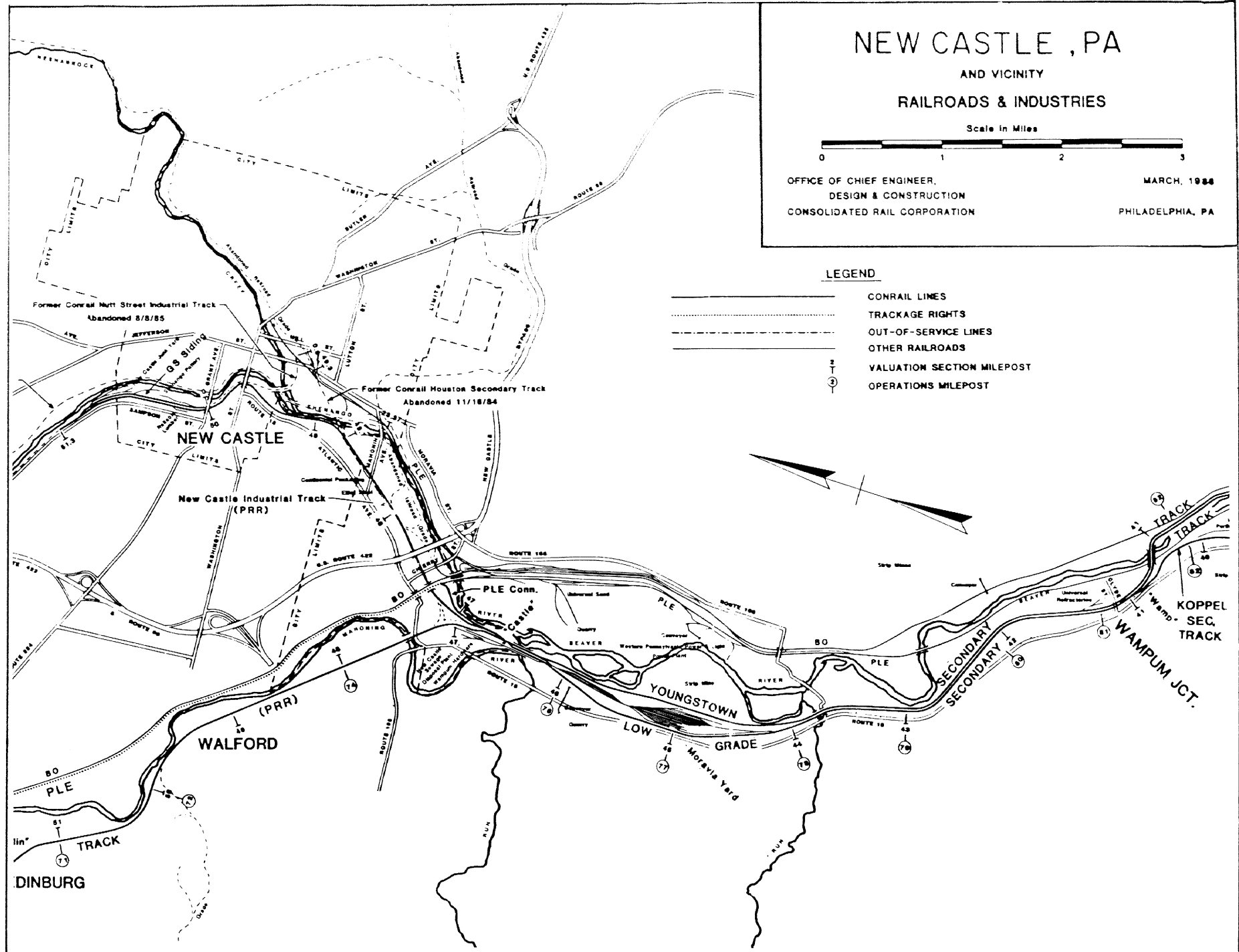
RAILROADS & INDUSTRIES

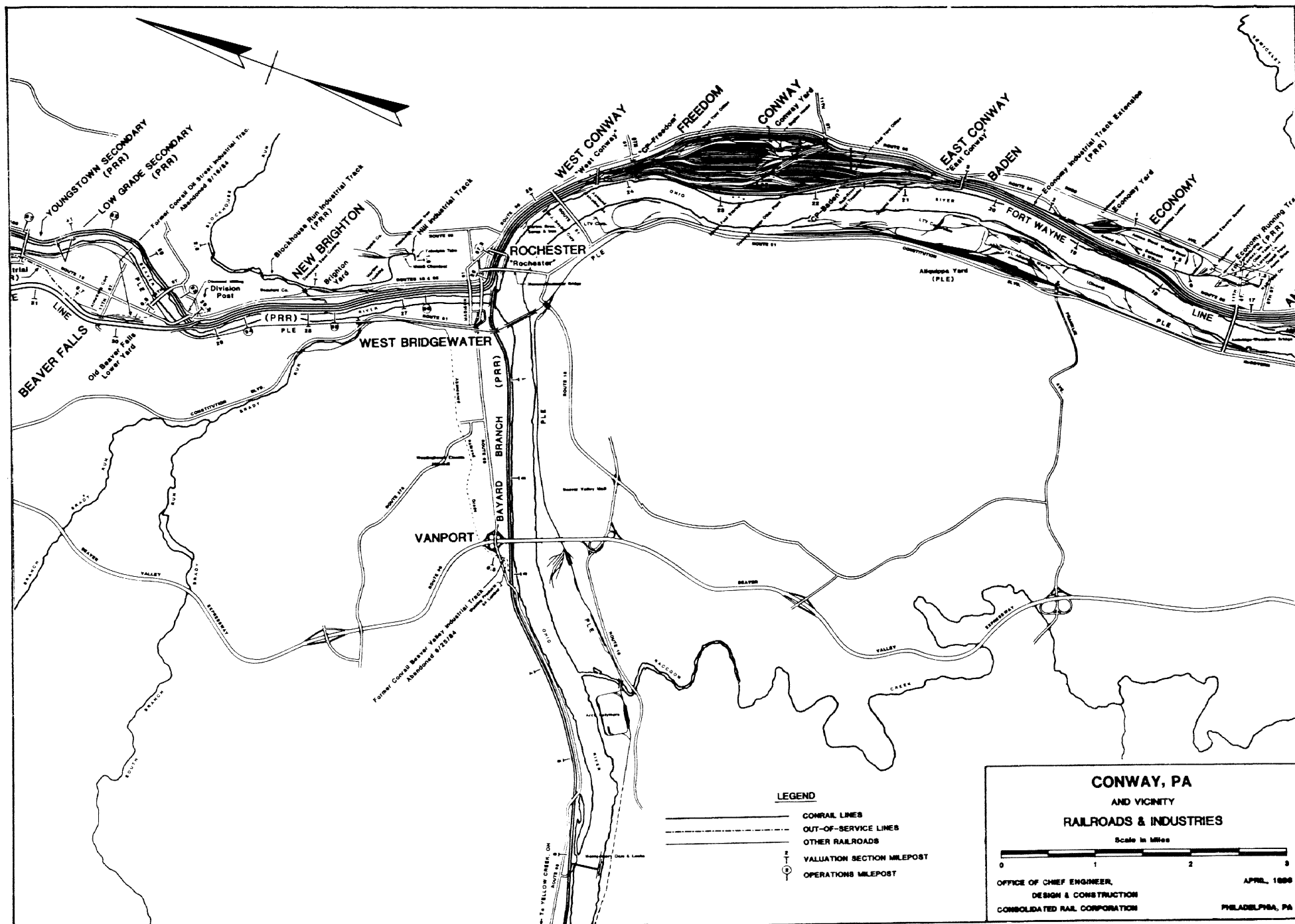
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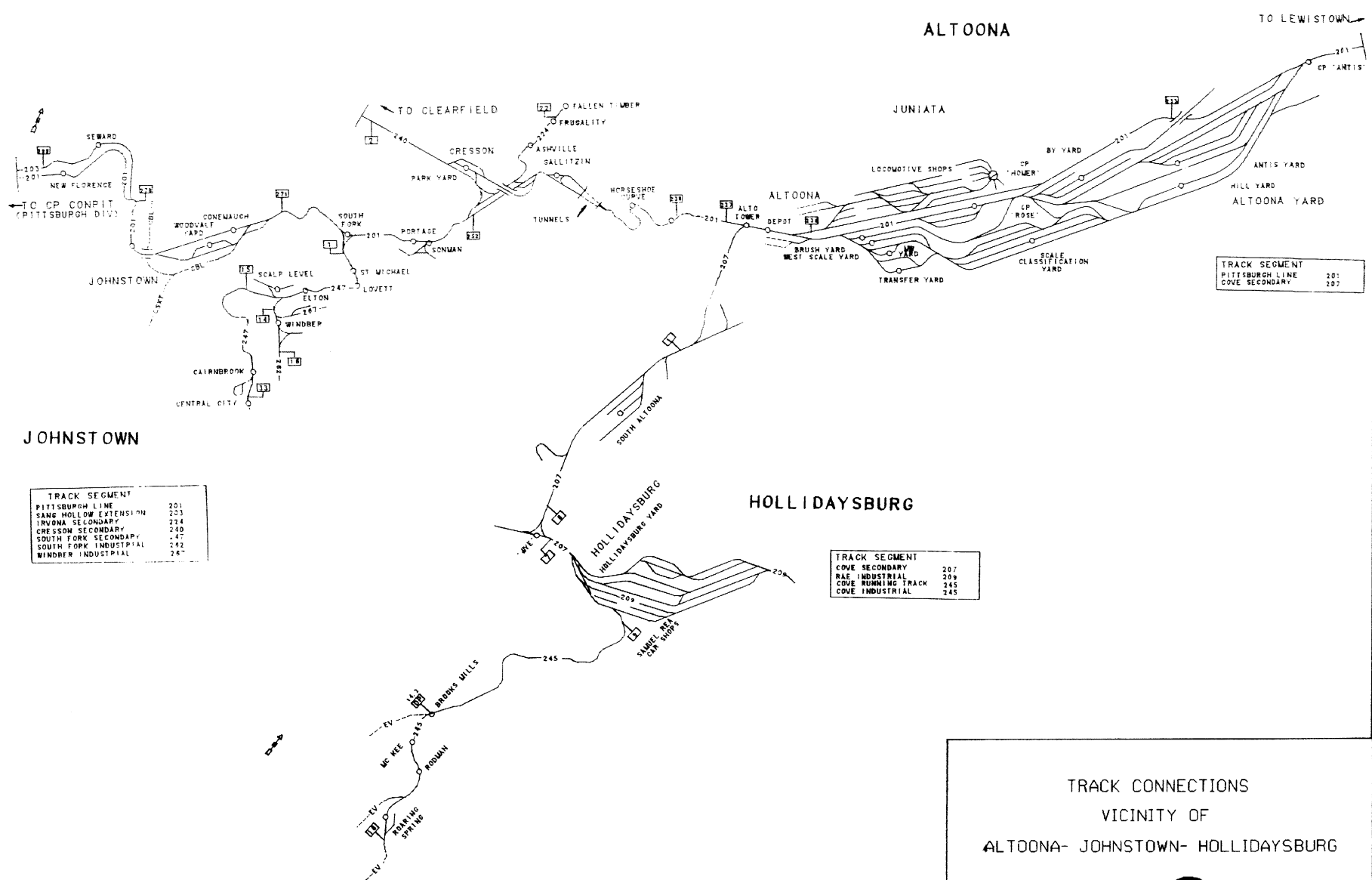
MARCH, 1944

PHILADELPHIA, PA

CONRAIL LINES
TRACKAGE RIGHTS
OUT-OF-SERVICE LINES
OTHER RAILROADS
VALUATION SECTION MILEPOST
OPERATIONS MILEPOST







TRACK CONNECTIONS VICINITY OF ALTOONA- JOHNSTOWN- HOLLIDAYSBURG



NO SCALE
8/89



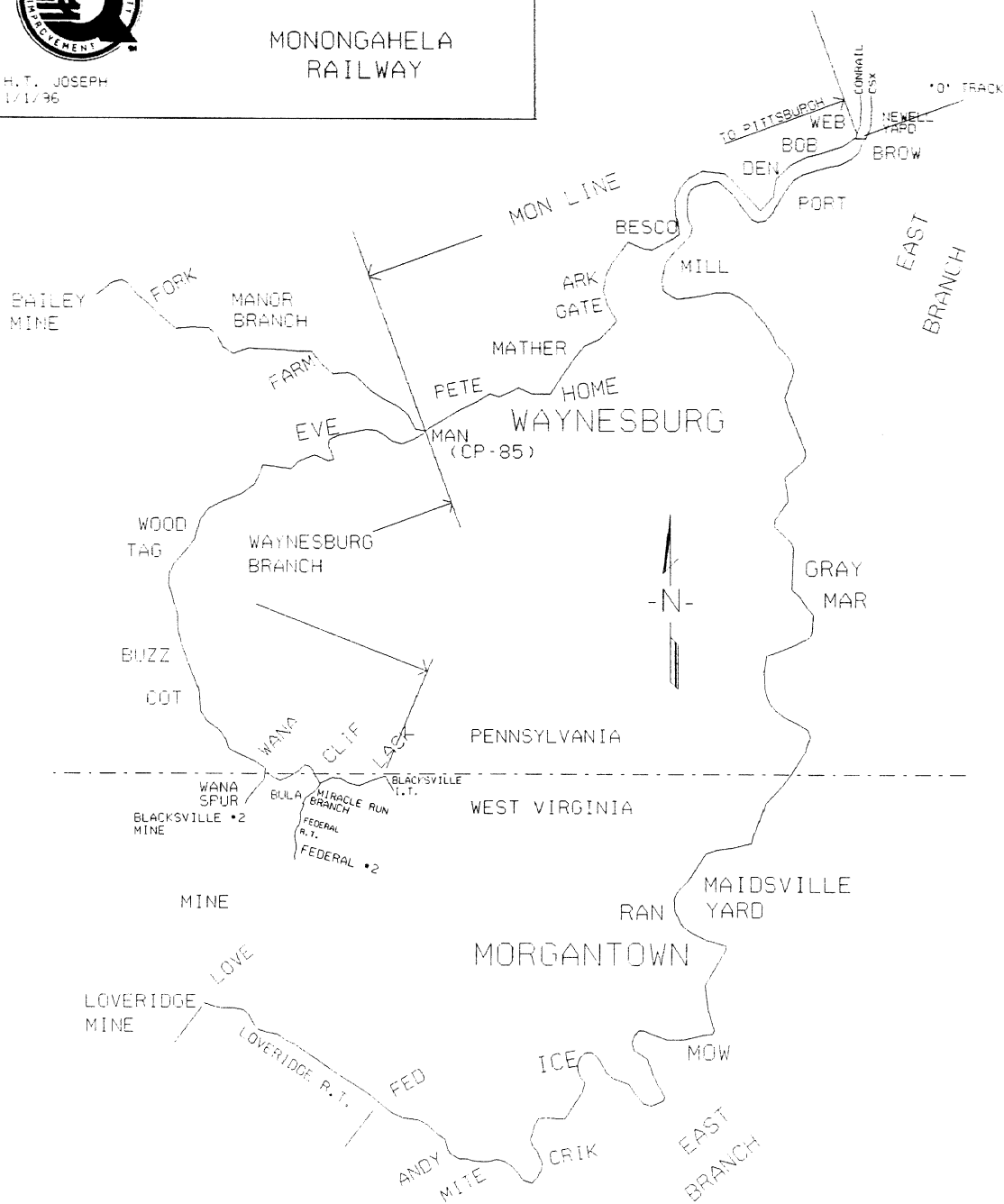
CREDITS: H.T. JOSEPH
STATIONS DEPT.



H. T. JOSEPH
1/17/96

CONRAIL

MONONGAHELA RAILWAY



CONSOLIDATED RAIL CORPORATION
1998 MAINTENANCE OF WAY FIELD TESTS

PITTSBURGH DIVISION

- T1 - Copper Naphtenate Treated Tie Test - 923 each installed on August 23, 1988, on Track #2, between MP 165.2 and MP 165.5, on the Pittsburgh Line, LC 2102, within a 6°-49' curve in the vicinity of Lewistown, PA.
- T2- Vector Plates - 9 Pair of 18 inch cast plates and new type clips (A) made by Pandrol installed at MP 165.4, Track 1, Pittsburgh Line in November 1995 - 6°-49' curve.
- T3 - Concrete Tie Test - 1650 concrete ties were furnished by four different suppliers. Installations made as follows:

Pittsburgh Line, LC 2102, MP 197.7 - 198.3,
Mill Creek, PA

<u>Manufacturer</u>	<u>Fasteners</u>	<u>Quantity</u>	<u>Installed</u>
Sateba	Pandrol	500	November, 1986
Lonestar	Pandrol	500	May, 1986
Nucor	Viseking	500	November, 1986
K.S.A.	Pandrol	150	May, 1993

- T4 - Tie wear plates manufactured by Plate-A-Tie Systems, Sullivan, MO. Installed Pittsburgh Line, LC 20-2102.

Track #3, MP 239.6 - 239.8, 6° curve, 6/22/89
Track #3, MP 239.6 - 239.8, 6° curve, 6/19/89
Track #3, MP 240.2 - 240.5, 7° curve, 6/23/89
Track #3, MP 244.3 - 244.7, 5°-30' curve, 6/30/89

- T5- Adz Pads manufactured by Osmose Wood Preserving, Inc. Madison, MI. Installed Pittsburgh Line, LC 20-2102.

Track #2, MP 239.6 - 239.8, 6° curve, 6/22/89
Track #3, MP 239.6 - 239.8, 6° curve, 6/19/89
Track #3, MP 240.2 - 240.5, 7° curve, 6/23/89
Track #3, MP 244.3 - 244.7, 5°-30' curve, 6/30/89
Track #1, MP 245.4 - 245.7, 6° curve, 7/05/89

CONSOLIDATED RAIL CORPORATION
1998 MAINTENANCE OF WAY FIELD TESTS

PITTSBURGH DIVISION

- T6- DSA Plates - 500 cast plates with double spring action clips manufactured by Stedef were installed at MP 243.8, Track 2, Pittsburgh Line in November 1995 - 4°-30' curve.
- T7 - Cedrite Ties, manufactured by Cedrite Technologies, Inc., Kansas City, KS installed 1,362 ties Gallitzin, PA, MP 245.5 to MP 246.3, 8°-30' curve, Pittsburgh Line, LC 40-2102, Track No. 2, November 1989. Area tied August 1996. 904 or 66% still in track as of September 1997.
- T8 - Ekki Wood Tie Test - Ekki ties and oak ties treated and untreated installed in the Pittsburgh Line, LC 2102, MP 265.7 to 266.0, Track #1, August 1986.
- T9- Ekki Switch Tie Test - A set of Ekki switch ties for a No. 10 turnout to be furnished from France installed 6/16/88 at South Fork, PA on the Pittsburgh Line, LC 2102, MP 266, Track #3.
- T10- Miter Bonded Joint - Manufactured by Allegheny. One installed February 1994 at MP 14.9, Track 1, south rail, Ft. Wayne Line, LC 40-2202, Leetsdale, PA. Another one installed April 1995 at MP 11.7, Track 1, west rail Mon Line, LC 40-2220, Homestead, PA.
- T11- Concrete Tie Test - 7063 Rocla concrete ties with Pandrol fast clip installed in 1995 on the Mon Line (LC 40-2220) between MP 6.5 and 9.0. One half of the ties have the 3 layer protector tie pad system, the rest come with polyurathane pads. 4,476 concrete ties installed in 1996 between Esplen and MP 6.5.
- T12- Plastic Tie Test - 6 composite ties manufactured by Earth Care Products installed in Track 2 Pittsburgh Line (LC 40-2102) MP 220.4, east of Tyrone, PA October 1996. They contain 30% fiberglass. The remaining being mostly post consumer HDPE (milk bottles). Two groups of three ties installed in the 6 degree curve just west of bridge 220.41 with Pandrol fasteners. 2 composite ties installed under a joint on Track 1 Yard at Rose Yard, Pittsburgh Line, LC 40-2102, MP 234.3 December 1995.
- T13- Spring Frog manufactured by Conley Company (paneled by Pohl Co.) installed on Pittsburgh Line, LC 40-2202, MP 320.0, Track 1 October 1997.

CONSOLIDATED RAIL CORPORATION
1998 MAINTENANCE OF WAY FIELD TESTS

PITTSBURGH DIVISION

- T14- Spring Frog manufactured by Cleveland Track Materials to be installed on Ft. Wayne Line, LC 40-2402, Track 2 MP 129.8, Smithville, OH.
- T15- Tangential No. 20 turnout manufactured by Cleveland Track Materials (R. Willow design) with 170 ft. lead to be installed on Ft. Wayne line, LC 40-2402, MP 138.0, CP Big Run.

COST CENTER LISTING FOR PITTSBURGH DIVISION

<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>
CONEMAUGH LINE	48.1	48.3	007	11701	40-2211
MON R.T.	56.0	58.0	007	11312	40-2220
RIVER LINE	32.3	32.7	007	11607	40-2231
CARNEGIE SEC.	2.9	6.2	001	11901	40-2221
CARNEGIE SEC.	2.9	6.2	002	11901	40-2221

State "One Call" Numbers for Fiber Optics and Utility Notification



The following telephone numbers must be called before performing any work which might endanger fiber optic cables or utilities:

State	In State	Out of State	Open 24 Hours/7 Days	Remarks
Pennsylvania	800-242-1776	412-464-7100	Yes	
Ohio	800-362-2764	Same Number	Yes	
Michigan	800-482-7171	248-647-7344	Yes	
Indiana	800-382-5544	Same Number	Yes	
Illinois	800-892-0123	Same Number	Yes	Except Chicago
	312-744-7000	Same Number	Yes	In Chicago
New Jersey	800-272-1000	908-232-1232	M-F 0600-1900 (1)	
Massachusetts	888-344-7233	617-721-0990	Yes	
New York	800-962-7962	315-437-7333	M-F 0700-1700 (1)	Except New York City
	800-272-4480	718-423-0381	M-F 0700-1700 (1)	In New York City
Maryland, VA and Wash. D.C.	800-257-7777	Same Number	M-F 0700-1700 (1)	Except Delmarva
Delaware and all Delmarva	800-282-8555	800-441-8355	M-F 0700-1800 (1)	
W. Virginia	800-245-4848	412-415-5065	Yes	
Connecticut	800-922-4455	203-281-5435	Yes	

(1) For emergencies only after normal business hours.

Use Phone numbers on reverse to contact telephone companies directly if there is a problem with the above "One Call" Agencies.

Rev. 1/98

In case of emergency (derailment, washout, etc.), unplanned work, or trouble with the "One Call" system, call the company involved directly:

Company	Number
AT&T	800-252-1133
LCI (Litel)	800-860-6485
MCI	800-624-9675
Frontier (RCI)	800-836-3499
Sprint	800-521-0579
Worldcom (Wiltel/MFS)	800-248-0133
Qwest	800-AT-FIBER
Metromedia Fiber Network	888-636-2778
All other companies	Use State "One Call" number

INSTRUCTIONS

"One Call" systems are agencies established in each state to notify utilities when individuals or contractors plan to do any digging that might affect communications, gas, electric, water, sewer, or other utilities. The person responsible for doing the digging is usually required by the law to notify the "One Call" system with two (2) or three (3) business days notice of their intent to dig, although they will accept shorter notice during emergencies.

Fiber optic cable companies and other utilities prefer to receive notice of digging activities through the "One Call" system because it ensures that an appropriate official will be informed of the digging activity.

While state laws may not always apply to Conrail employees while on Conrail property, Conrail's license agreements with the fiber optical cable companies require Conrail to give appropriate notice when performing any activity that could endanger the fiber optic cables. Conrail has agreed to provide notice to those companies by first using the "One Call" system and by the company numbers, if necessary.

CABLE PRINT

ESP621MR

LINE NAME	LINE RD CODE	FROM MILEPOST	TO MILEPOST	STATE	COMPANY	COMPANY PHONE-NUMBER	IN STATE PHONE-NUMBER	OUT STATE PHONE-NUMBER
AKRON BR.	40 2421	18.50	27.20	OH	ATT	800-252-1133	800-362-2764	800-362-2764
AKRON BR.	40 2421	18.50	27.20	OH	USS	800-521-0579	800-362-2764	800-362-2764
AKRON I.T.	40 2421	0.00	1.44	OH	ATT	800-252-1133	800-362-2764	800-362-2764
AKRON I.T.	40 2421	0.00	1.44	OH	WTG	800-248-0133	800-362-2764	800-362-2764
AKRON I.T.	40 2421	1.44	8.00	OH	ATT	800-252-1133	800-362-2764	800-362-2764
AKRON I.T.	40 2421	1.44	8.00	OH	WTG	800-248-0133	800-362-2764	800-362-2764
AKRON SEC.	40 2421	8.00	11.49	OH	WTG	800-248-0133	800-362-2764	800-362-2764
AKRON SEC.	40 2421	8.00	13.11	OH	ATT	800-252-1133	800-362-2764	800-362-2764
AKRON SEC.	40 2421	11.60	11.94	OH	WTG	800-248-0133	800-362-2764	800-362-2764
AKRON SEC.	40 2421	11.86	13.11	OH	ATT	800-252-1133	800-362-2764	800-362-2764
AKRON SEC.	40 2421	12.41	18.50	OH	USS	800-521-0579	800-362-2764	800-362-2764
AKRON SEC.	40 2421	13.70	18.50	OH	ATT	800-252-1133	800-362-2764	800-362-2764
AKRON SEC.	40 2421	27.20	35.00	OH	ATT	800-252-1133	800-362-2764	800-362-2764
AKRON SEC.	40 2421	27.20	35.00	OH	USS	800-521-0579	800-362-2764	800-362-2764
ASHLAND SEC.	40 6601	251.83	267.00	OH	ATT	800-252-1133	800-362-2764	800-362-2764
CARNEGIE SEC.	40 2221	2.40	5.30	PA	ATT	800-252-1133	800-242-1776	412-464-7100
CARNEGIE SEC.	40 2221	5.30	8.00	PA	ATT	800-252-1133	800-242-1776	412-464-7100
CARNEGIE SEC.	40 2206	8.00	11.00	PA	ATT	800-252-1133	800-242-1776	412-464-7100
CARNEGIE SEC.	40 2206	11.00	26.90	PA	ATT	800-252-1133	800-242-1776	412-464-7100
CASTLE I.T.	40 2434	46.60	47.34	PA	ATT	800-252-1133	800-242-1776	412-464-7100
CASTLE I.T.	40 2434	47.34	51.00	PA	ATT	800-252-1133	800-242-1776	412-464-7100
CLEVELAND LINE	40 2412	96.40	98.00	OH	ATT	800-252-1133	800-362-2764	800-362-2764
CLEVELAND LINE	40 2412	97.80	98.00	OH	WTG	800-248-0133	800-362-2764	800-362-2764
COLEMAN I.T.	40 2225	1.67	1.92	PA	WTG	800-248-0133	800-242-1776	412-464-7100
DETOUR R.T.	40 2424	11.70	15.50	OH	ATT	800-252-1133	800-362-2764	800-362-2764
DETOUR R.T.	40 2424	13.32	13.80	OH	ATT	800-252-1133	800-362-2764	800-362-2764
DUFF BR.	40 2221	1.67	1.92	PA	WTG	800-248-0133	800-242-1776	412-464-7100
FORT WAYNE LINE	40 2202	0.00	0.14	PA	MFS	800-637-2489	800-242-1776	412-464-7100
FORT WAYNE LINE	40 2202	0.00	29.30	PA	ATT	800-252-1133	800-242-1776	412-464-7100
FORT WAYNE LINE	40 2402	123.80	136.00	OH	ATT	800-252-1133	800-362-2764	800-362-2764
FORT WAYNE LINE	40 2402	123.80	188.00	OH	USS	800-521-0579	800-362-2764	800-362-2764
FORT WAYNE LINE	40 2402	174.70	175.20	OH	ATT	800-252-1133	800-362-2764	800-362-2764
FORT WAYNE LINE	40 2402	188.00	188.70	OH	USS	800-521-0579	800-362-2764	800-362-2764
FREEDOM I.T.	40 6501	160.60	161.10	OH	ATT	800-252-1133	800-362-2764	800-362-2764
FREEDOM SEC	40 6501	161.10	188.40	OH	ATT	800-252-1133	800-362-2764	800-362-2764
FREEDOM SEC	40 6601	188.40	190.10	OH	ATT	800-252-1133	800-362-2764	800-362-2764

CABLE PRINT

ESP621MR

LINE NAME	LINE RD CODE	FROM MILEPOST	TO MILEPOST	STATE	COMPANY	COMPANY PHONE-NUMBER	IN STATE PHONE-NUMBER	OUT STATE PHONE-NUMBER
FREEDOM SEC	40 6601	190.10	201.40	OH	ATT	800-252-1133	800-362-2764	800-362-2764
HARDING I.T.	40 6601	268.80	269.30	OH	ATT	800-252-1133	800-362-2764	800-362-2764
LORDSTOWN SEC	40 2423	0.00	11.70	OH	ATT	800-252-1133	800-362-2764	800-362-2764
M.L. (PGH. & COL.)	40 2206	2.40	5.30	PA	CR	8-448-7248	412-928-7248	412-928-7248
MANSFIELD I.T.	40 6601	267.00	268.70	OH	ATT	800-252-1133	800-362-2764	800-362-2764
MANTUA SEC.	40 6502	27.50	31.50	OH	WTG	800-248-0133	800-362-2764	800-362-2764
MON LINE	40 2220	2.40	13.00	PA	ATT	800-252-1133	800-242-1776	412-464-7100
NILES SEC.	40 2424	15.50	17.30	OH	ATT	800-252-1133	800-362-2764	800-362-2764
ORRVILLE I.T.	40 2421	35.00	37.20	OH	ATT	800-252-1133	800-362-2764	800-362-2764
ORRVILLE I.T.	40 2421	35.00	37.20	OH	USS	800-521-0579	800-362-2764	800-362-2764
PITTSBURGH LINE	40 2102	113.50	118.90	PA	ATT	800-252-1133	800-242-1776	412-464-7100
PITTSBURGH LINE	40 2102	118.90	290.20	PA	ATT	800-252-1133	800-242-1776	412-464-7100
PITTSBURGH LINE	40 2202	290.20	353.20	PA	ATT	800-252-1133	800-242-1776	412-464-7100
PITTSBURGH LINE	40 2202	351.39	351.44	PA	MMA	214-918-1750	800-242-1776	412-464-7100
PITTSBURGH LINE	40 2202	351.42	351.45	PA	MCI	800-624-9675	800-242-1776	412-464-7100
PITTSBURGH LINE	40 2202	351.43	353.20	PA	MFS	800-637-2489	800-242-1776	412-464-7100
PITTSBURGH LINE	40 2202	351.50	353.07	PA	MMA	214-918-1750	800-242-1776	412-464-7100
PITTSBURGH LINE	40 2202	351.51	351.84	PA	MCI	800-624-9675	800-242-1776	412-464-7100
PYMATUNING I.T.	40 6502	65.77	66.40	OH	ATT	800-252-1133	800-362-2764	800-362-2764
PYMATUNING LINE	40 6502	66.40	66.43	OH	ATT	800-252-1133	800-362-2764	800-362-2764
RITTMAN SEC.	40 6601	223.90	226.42	OH	WTG	800-248-0133	800-362-2764	800-362-2764
RIVER I.T.	40 2231	17.30	23.60	OH	ATT	800-252-1133	800-362-2764	800-362-2764
RIVER LINE	40 2231	16.34	17.30	OH	ATT	800-252-1133	800-362-2764	800-362-2764
RIVER LINE	40 2231	23.60	47.10	OH	ATT	800-252-1133	800-362-2764	800-362-2764
WEIRTON SEC.	40 2206	26.90	35.10	PA	ATT	800-252-1133	800-242-1776	412-464-7100
WEIRTON SEC.	40 2206	35.10	36.10	WV	ATT	800-252-1133	800-245-4848	412-323-7111
WEIRTON SEC.	40 2206	36.10	39.30	WV	ATT	800-252-1133	800-245-4848	412-323-7111
WEIRTON SEC.	40 2206	39.30	42.00	WV	ATT	800-252-1133	800-245-4848	412-323-7111
WEIRTON SEC.	40 2206	42.00	42.11	OH	ATT	800-252-1133	800-362-2764	800-362-2764
WEIRTON SEC.	40 8106	135.59	157.80	OH	WTG	800-248-0133	800-362-2764	800-362-2764
YOUNGSTOWN LINE	40 2423	58.40	66.20	OH	ATT	800-252-1133	800-362-2764	800-362-2764
YOUNGSTOWN LINE	40 2423	66.20	81.30	PA	ATT	800-252-1133	800-362-2764	800-362-2764
YOUNGSTOWN LINE	40 2433	81.30	93.80	PA	ATT	800-252-1133	800-242-1776	412-464-7100
YOUNGSTOWN LINE	40 2233	93.80	97.20	PA	ATT	800-252-1133	800-242-1776	412-464-7100

LIST OF CRITICAL CLEARANCE LINE OBSTRUCTIONS

A critical structure is an obstruction that marginally permits the movement of dimensional loads.
No work affecting clearance on a critical structure may be attempted without first notifying the
Engineer-Clearances at 8-333-5382

<u>LINE NAME</u>	<u>LINE CODE</u>	<u>TRACK</u>	<u>MILEPOST</u>	<u>OBSTRUCTION</u>
CLEVELAND	40-2230	001	14.21	TT 14.21 LITTLE BEAVER RV.
CLEVELAND	40-2230	002	14.21	TT 14.21 LITTLE BEAVER RV.
CLEVELAND	40-2230	001	15.49	OH 15.49 ELIZABETH AVE.
CLEVELAND	40-2230	002	15.49	OH 15.49 ELIZABETH AVE.
CONEMAUGH	40-2211	001 & 002	76.86	OH 76.86 FT. WAYNE LINE
FT. WAYNE	40-2202	001	1.33	OH 1.33 RIDGE AVE.
FT. WAYNE	40-2202	002	1.33	OH 1.33 RIDGE AVE.
FT. WAYNE	40-2202	001	1.35	OH 1.35 OHIO ST.
FT. WAYNE	40-2202	002	1.35	OH 1.35 OHIO ST.
FT. WAYNE	40-2202	001	1.50	OH 1.50 PARK FOOT BRIDGE
FT. WAYNE	40-2202	002	1.50	OH 1.50 PARK FOOT BRIDGE
FT. WAYNE	40-2202	001	1.60	OH 1.60 NORTH AVE.
FT. WAYNE	40-2202	002	1.60	OH 1.60 NORTH AVE.
FT. WAYNE	40-2202	CO2	1.60	OH 1.60 NORTH AVE.
FT. WAYNE	40-2202	CO1	1.60	OH 1.60 NORTH AVE.
FT. WAYNE	40-2202	001 & 002	1.82	OH 1.82 PENNA. AVE.
FT. WAYNE	40-2202	001	2.17	OH 2.17 COLUMBUS AVE.
FT. WAYNE	40-2202	002	2.17	OH 2.17 COLUMBUS AVE.
FT. WAYNE	40-2202	003	3.29	OH 3.38 OC CONN.
FT. WAYNE	40-2202	001	15.49	OH 15.49 LEET ST.
FT. WAYNE	40-2202	004	15.49	OH 15.49 LEET ST.
FT. WAYNE	40-2202	003	20.30	SB 20.30
FT. WAYNE	40-2202	002	32.13	OH 32.13 STATE RD. 251
FT. WAYNE	40-2402	002	39.30	SB 39.30

LIST OF CRITICAL CLEARANCE LINE OBSTRUCTIONS

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No work affecting clearance on a critical structure may be attempted without first notifying the
Engineer-Clearances at 8-333-5382

<u>LINE NAME</u>	<u>LINE CODE</u>	<u>TRACK</u>	<u>MILEPOST</u>	<u>OBSTRUCTION</u>
FT. WAYNE	40-2402	002	105.30	SIG BR 105.30
FT. WAYNE	40-2402	001	170.56	OH 170.56 RUMMEL RD.
FT. WAYNE	40-2402	002	170.56	OH 170.56 RUMMEL RD.
MON	40-2223	001	0.90	SIG BR 0.90
MON	40-2223	002	0.90	SIG BR 0.90
MON	40-2220	007	6.70	OH 0.70 FOOT BR. AT 10TH ST
MON	40-2220	001	11.61	OH 5.61 FOOTBRIDGE
MON	40-2220	002	11.61	OH 5.61 FOOTBRIDGE
PITTSBURGH	40-2102	001	193.90	SIG BR 193.90
PITTSBURGH	40-2102	002	221.20	SIG BR 221.20
PITTSBURGH	40-2102	003	238.30	SIG BR 238.30
PITTSBURGH	40-2202	001	328.40	SIG BR 328.40
PITTSBURGH	40-2202	002	328.40	SIG BR 328.40
PITTSBURGH	40-2202	001	344.12	OH 344.12 BRADDOCK AVE.
PITTSBURGH	40-2202	002	344.12	OH 344.12 BRADDOCK AVE.
PITTSBURGH	40-2202	001	344.91	OH 344.91 WASHINGTON ST.
PITTSBURGH	40-2202	002	344.91	OH 344.91 WASHINGTON ST.
PITTSBURGH	40-2202	001	353.00	PITTSBURGH STATION
PITTSBURGH	40-2202	002	353.00	PITTSBURGH STATION
RIVER	40-2231	007	4.28	OH 4.28 COUNTY RD.
RIVER	40-2231	007	39.17	OH 39.17 HIGHWAY
YOUNGSTOWN	40-2423	001 & 002	59.69	OH 62.61 CENTER ST.
YOUNGSTOWN	40-2433	001	84.83	TT 38.27 CONNQNSG CRK.
YOUNGSTOWN	40-2433	002	84.83	TT 38.27 CONNQNSG CRK.
YOUNGSTOWN	40-2233	001	97.20	SIG BR 25.90
YOUNGSTOWN	40-2440	001 & 002	57.79	OH 57.79 OAK ST.
PORT PERRY	40-2219	007	0.61	TUN. 10.61

AUTOMATIC EQUIPMENT IDENTIFICATION TAG READERS

PITTSBURGH DIVISION

LINE NAME	MILEPOST	TOWN
CLEVELAND LINE	MP 0.2	ROCHESTER
	MP 58.0	MOULTRIE
FORT WAYNE LINE	MP 12.0	CP DRAW
	MP 22.4	CONWAY EAST
	MP 22.6	CONWAY WEST
	MP 33.3	BEAVER FALLS
	MP 111.5	CP MACE
YOUNGSTOWN LINE	MP 10.3	CARSON
	MP 60.2	HASELTON
	MP 92.0	VALE
PITTSBURGH LINE	MP 119.0	HARRISBURGH WEST
	MP 155.3	DENHOLM SCALE
	MP 198.0	MILL CREEK
	MP 286.2	CONEMAUGH
MON LINE	MP 16.9	DUQUESNE
RIVER LINE	MP 16.3	RIVER JCT.
ALLIANCE R.T.	MP 35.7	BRANDY
HARBOR CONN TRACK	MP 0.1	ASHTABULA DUMPER
	MP 0.1	ASHTABULA INBOUND
W. BROWNSVIL SEC	MP 53.0	W BROWNSVILLE



HIGH CAR DETECTORS

PITTSBURGH DIVISION

<u>LINE</u>	<u>LOCATION</u>	<u>MP</u>	<u>TYPE</u>
PITTSBURGH LINE	WILMERDING	341.1	HCD
CONEMAUGH LINE	CONPIT	0.5	HCD
FORT WAYNE LINE	SEWICKLY	11.9	HCD
CLEVELAND LINE	INDUSTRY	8.6	HCD/Drag
	MOULTRIE	58.0	HCD
MON LINE	BES	69.5	HWD
	WAYNESBURGH	83.2	HWD
WAYNESBURGH	COT	16.7	HWD

0° 45' CUYAHOGA RV

FMR HUGO S

LK RCKWL RD

PPN LKE RD
CR FRDM SEC

CUTLER ROAD

KNT RTE 5
LAKEWOOD RD

SMALL RUN

DIAMON ST

CSX RR

LAKE ST

SKEELE ROAD

WATR WKS RD
2° 8' AB R/W

SR 5 / 44
SANDYLAKE RD

LYNN RD
NEW MILFORD

IR 76
HATTRICK RD

WICKS

03 28 07 00 15 39 01 27 41 52

0° 45' CUYAHOGA RV

FMR HUGO S

LK RCKWL RD

PPN LKE RD
CR FRDM SEC

CUTLER ROAD

KNT RTE 5
LAKEWOOD RD

SMALL RUN

DIAMON ST

CSX RR

LAKE ST

SKEELE ROAD

WATR WKS RD
2° 8' AB R/W

SR 5 / 44
SANDYLAKE RD

LYNN RD
NEW MILFORD

IR 76
HATTRICK RD

WICKS

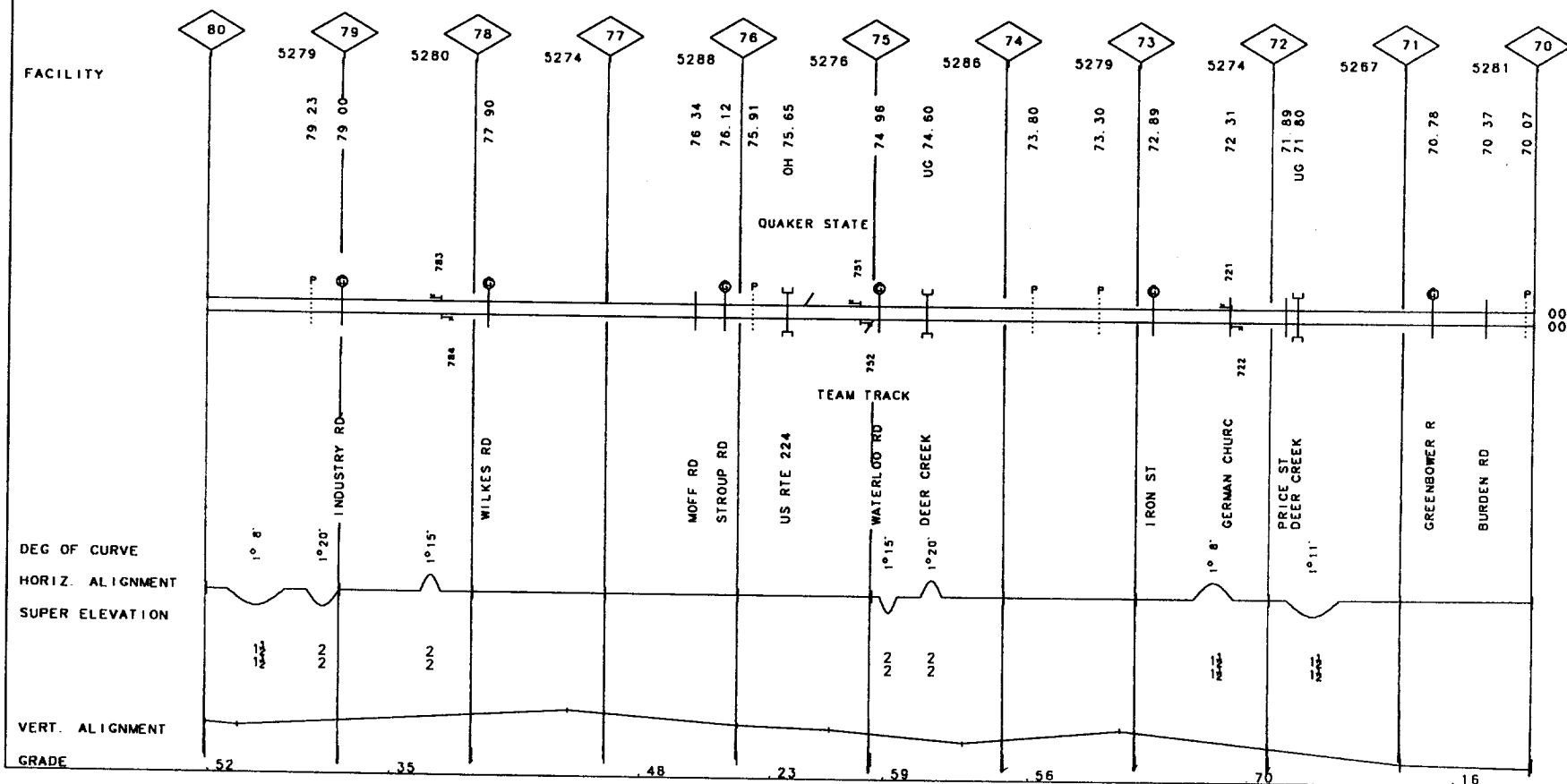
03 28 07 00 15 39 01 27 41 52

FIBER OPTICS

VALUATION
TOWN

V7436
ATWATER

LIMAVILLE



GRINDING	97		
SURFACING	97		
TIES	97		
UNDERCUTTING	84	32-79	84
RAIL			
BAL CLEAN	97		
TONNAGE(MGT)	28.8		
T T SPEED	79/60/50	60/60/50	40

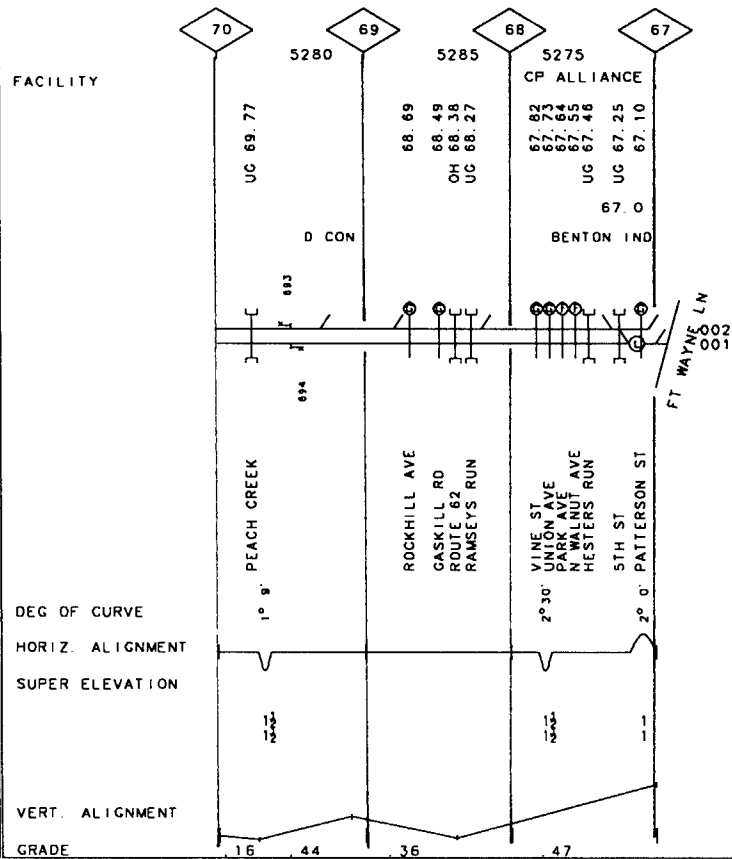
002

GRINDING	97		
SURFACING	97		
TIES	95		
UNDERCUTTING	86	32-79	86
RAIL			
BAL CLEAN	97		
TONNAGE(MGT)	33.5		
T T SPEED	79/60/50	60/60/50	40

001

FIBER OPTICS

VALUATION V7436
TOWN CP ALLIANCE



007

FIBER OPTICS

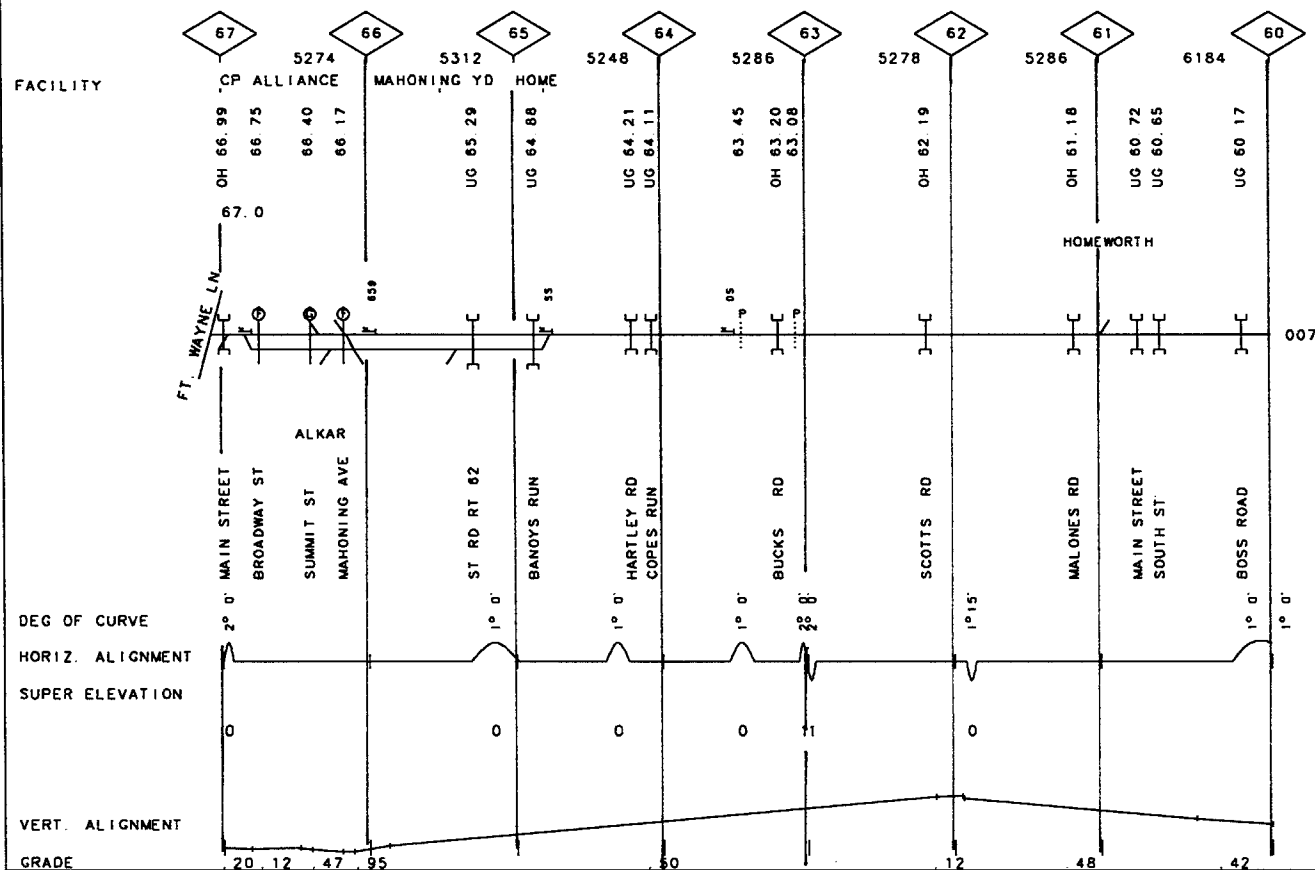
VALUATION
TOWN

ALLIANCE

MAHONING

V7436

HOMEWORTH



007VALUATION
TOWN

MOULTRIE

v7436|v????

FACILITY

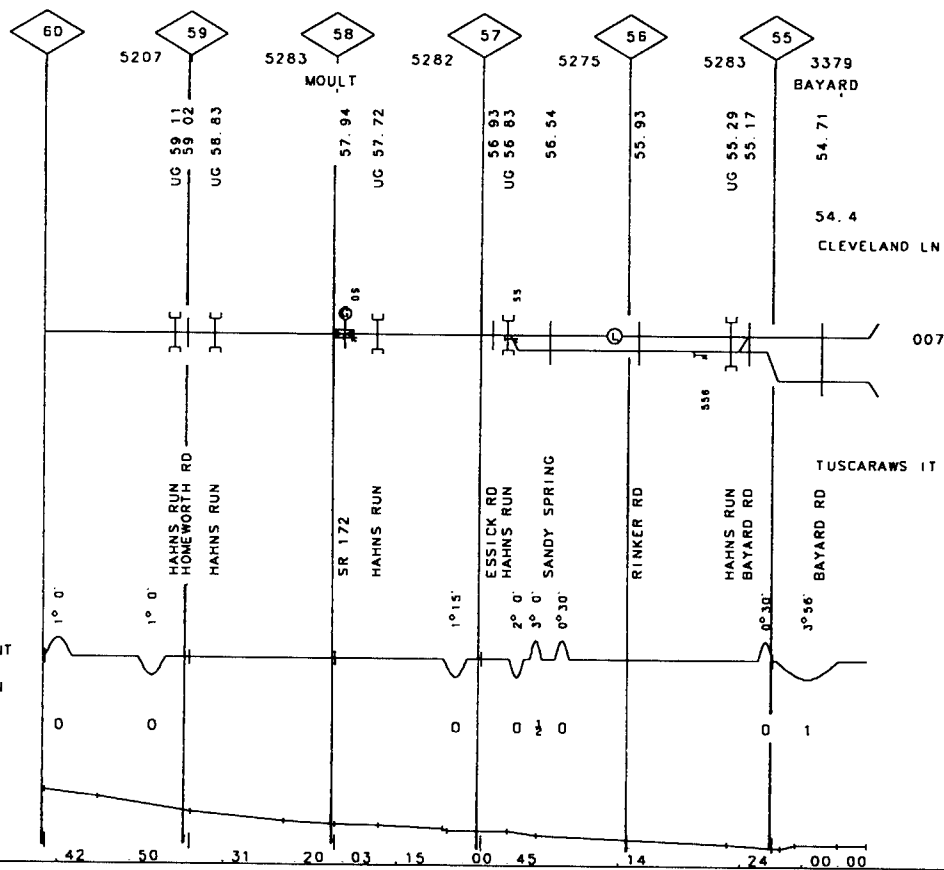
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



GRINDING		97	
SURFACING	94	92	94
TIES		92	
UNDERCUTTING			
RAIL	55-68	55-72	31F80
BAL. CLEAN		91	
TONNAGE(MGT)		12.2	
T. SPEED		40	

007

FIBER OPTICS

VALUATION
TOWN

E. ROCHESTER

V7435

FACILITY

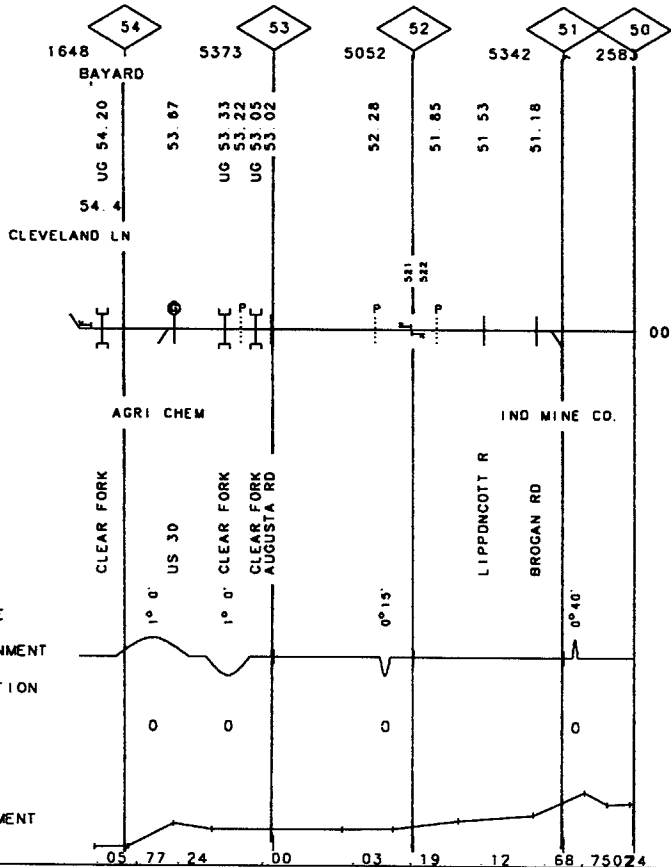
DEG OF CURVE

HORIZ. ALIGNMENT

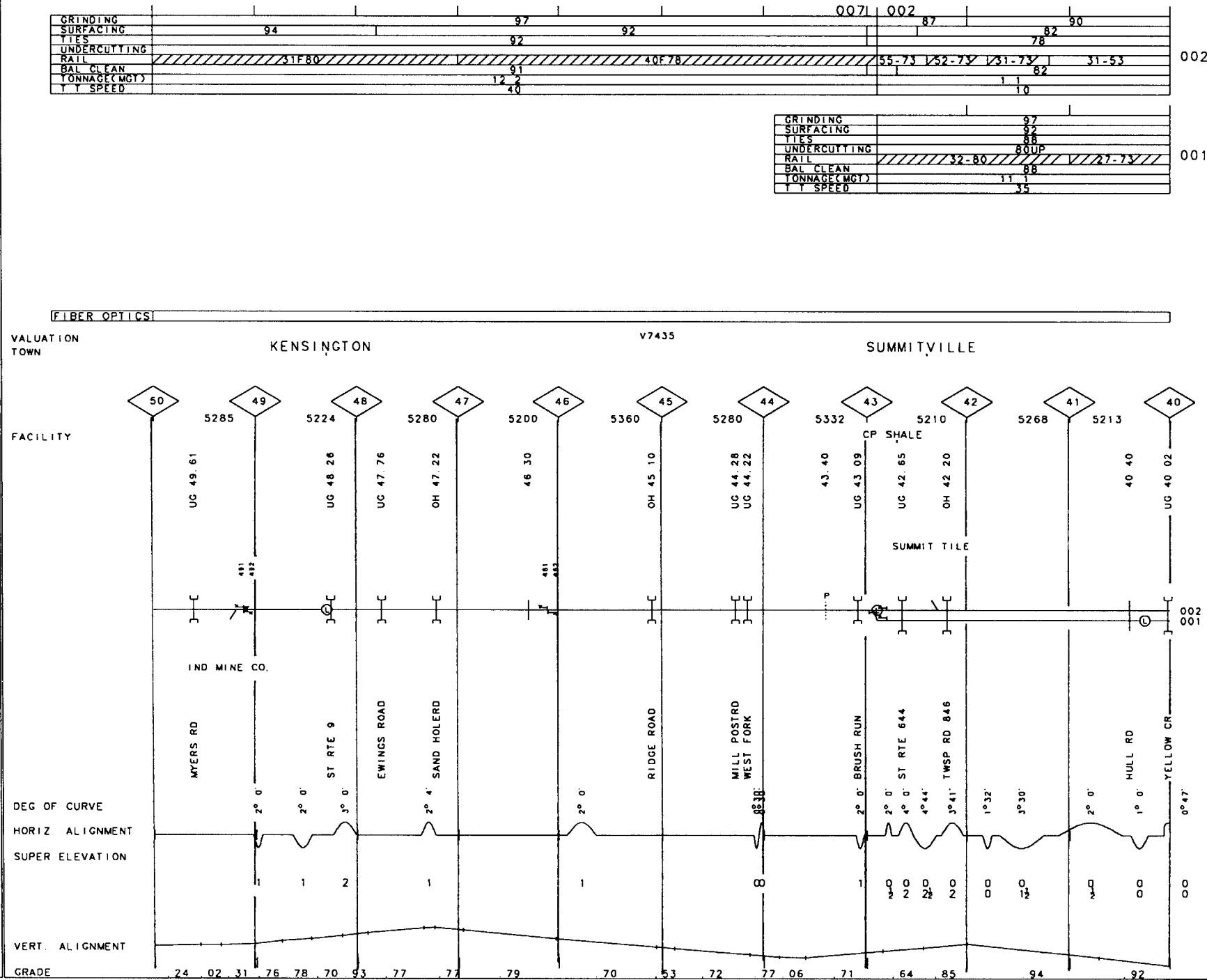
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



007



002

001



GRINDING		95	
SURFACING		78	
TIES		78	
UNDERCUTTING			
RAIL	31-52	30-47	130-45 131
BAL CLEAN		81	
TONNAGE(MGT)		1.1	
T T SPEED		10	

002

GRINDING		97	
SURFACING		97	
TIES		97	
UNDERCUTTING		80UP	
RAIL	32-80		30-48
BAL CLEAN		88	
TONNAGE(MGT)		1.1	
T T SPEED		35	

001

FIBER OPTICS

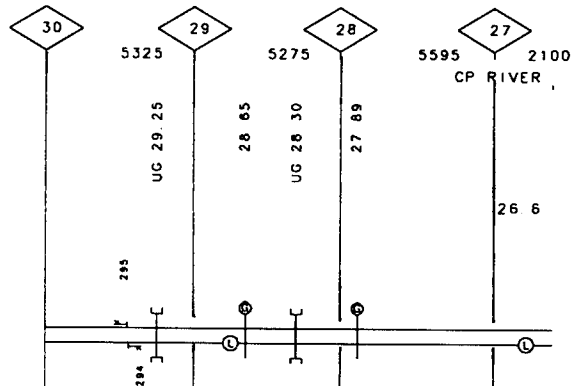
VALUATION
TOWN

IRONDALE

V7435

MCCULLOUGH

FACILITY



002
001

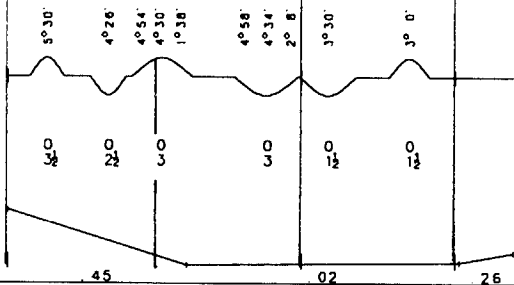
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

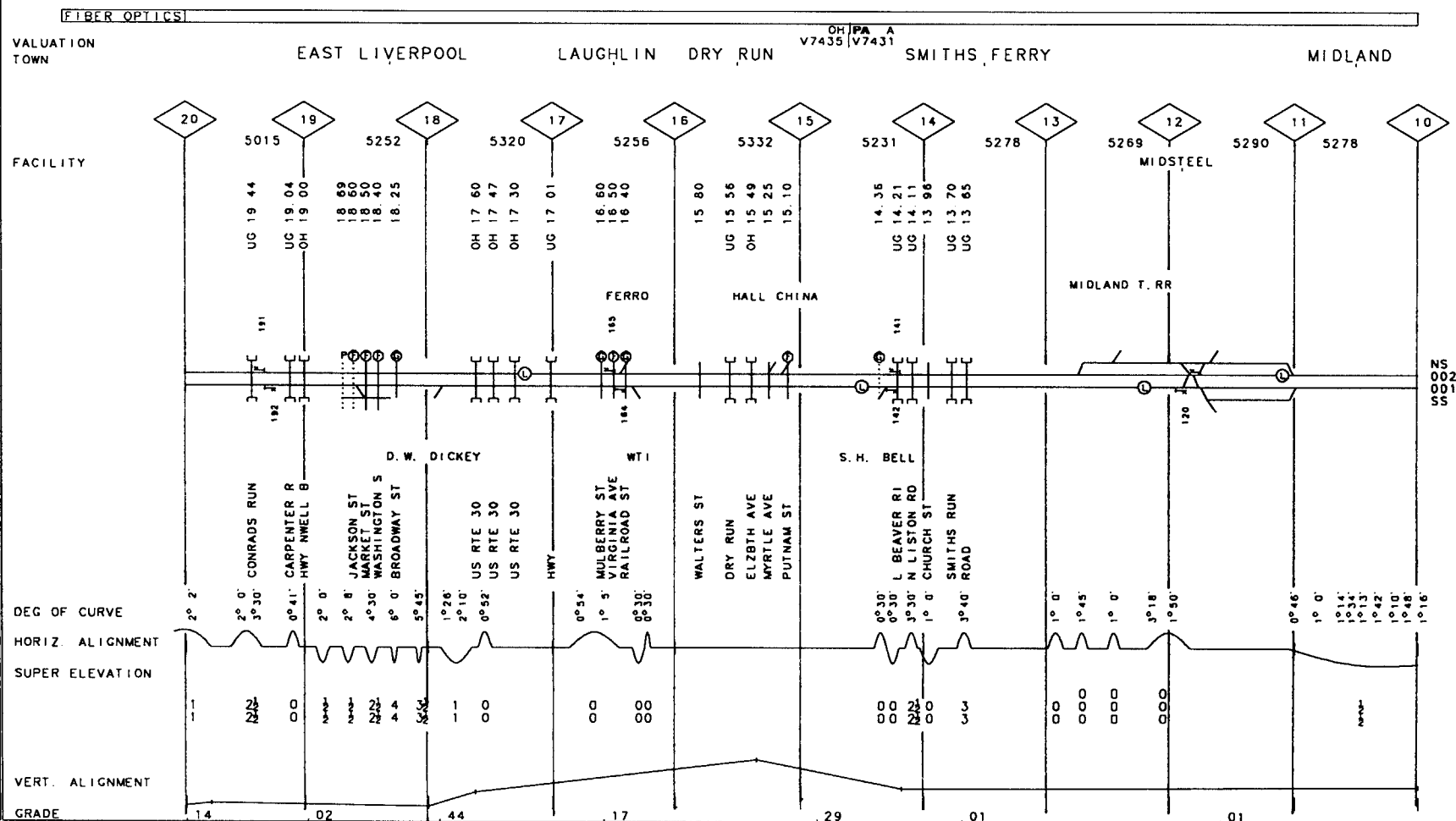
VERT. ALIGNMENT

GRADE



GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL CLEAN	
TONNAGE (MGT)	0.1
TY SPEED	15

GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL CLEAN	
TONNAGE (MGT)	0.1
TY SPEED	15



002

001

VALUATION
TOWN

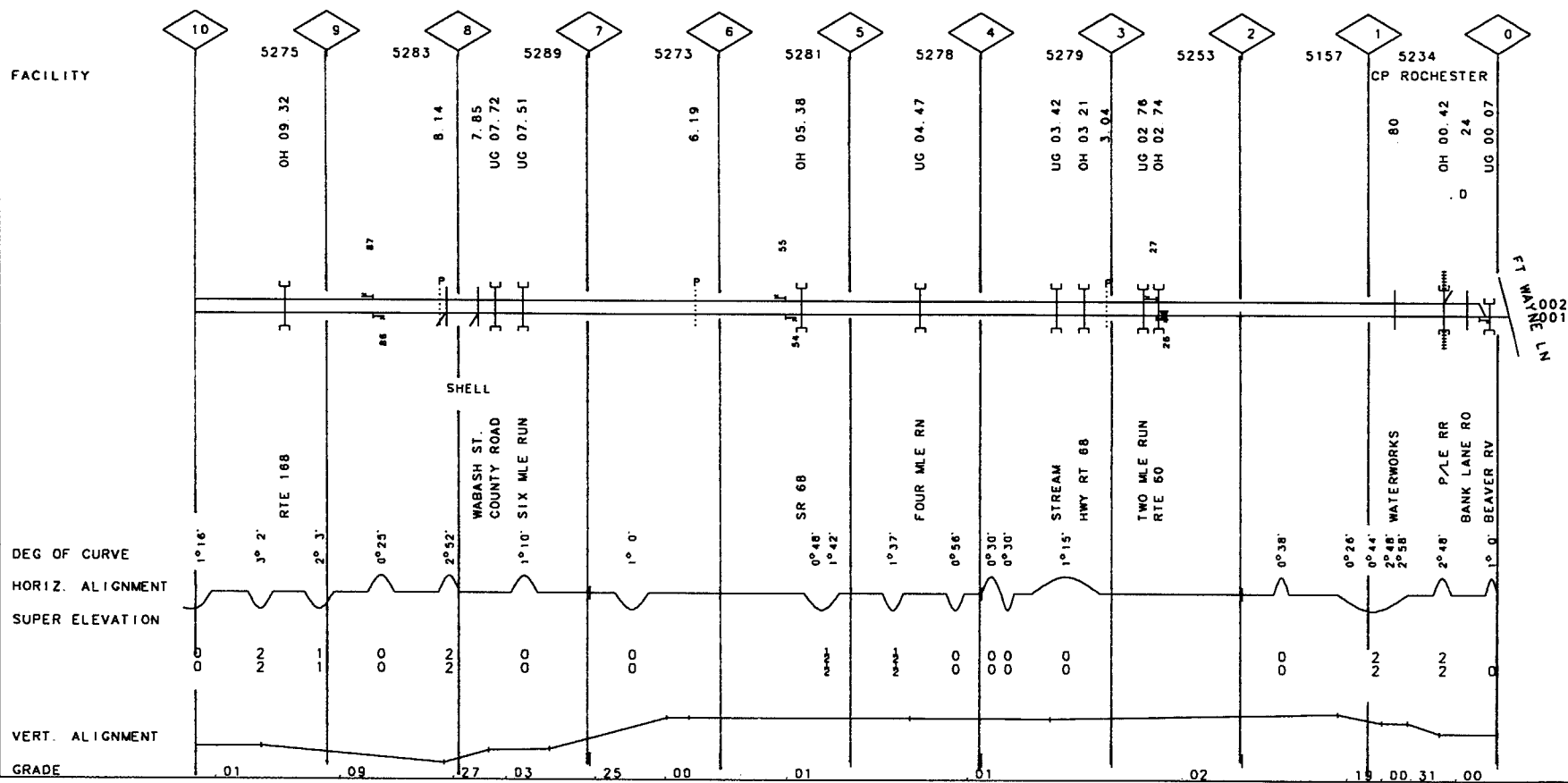
INDUSTRY

V7431

MERRILL

VANPORT

BEAVER



GRINDING				97	
SURFACING	87		87	89	
TIES					89
UNDERCUTTING					
RAIL			31F78		
BAL. CLEAN	82	85	82		83
TONNAGE(MGT)			12.6		
T T SPEED	30		40		130

001

GRINDING				97	
SURFACING				93	
TIES				93	
UNDERCUTTING					
RAIL			31F78		52F74
BAL. CLEAN			82		751
TONNAGE(MGT)			28.6		
T T SPEED	30		40		130

002

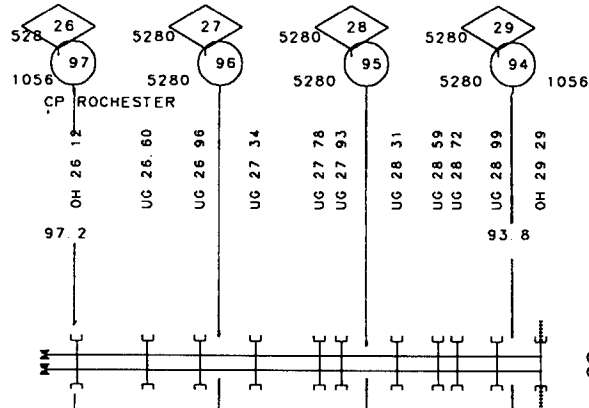
FIBER OPTICS

VALUATION
TOWN

V7338|V7416

NEW BRIGHTON

FACILITY

001
002

DEG OF CURVE

HORIZ ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

.00 .29 .28 .13 .23 .37 .57

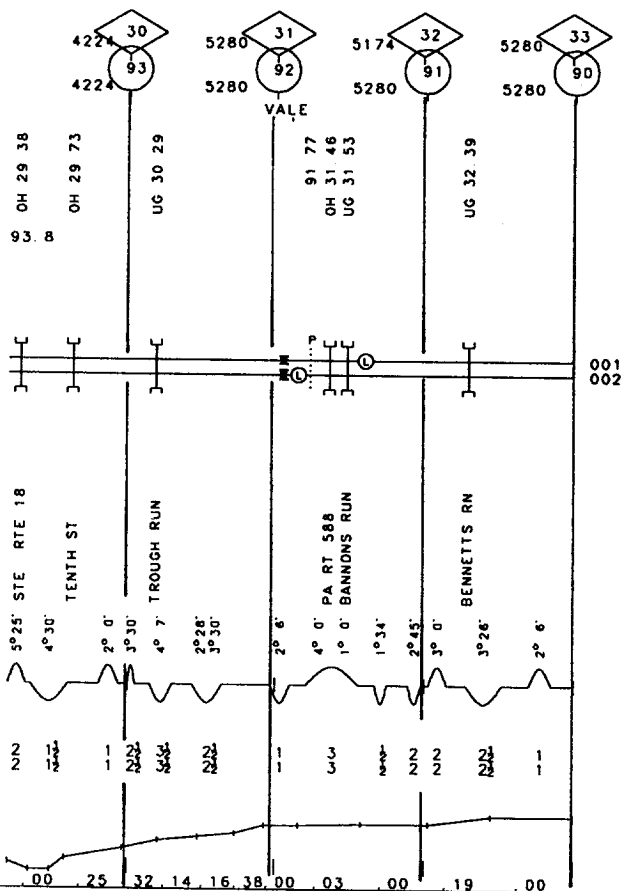
FIBER OPTICS

VALUATION
TOWN

BEAVER FALLS

V7415

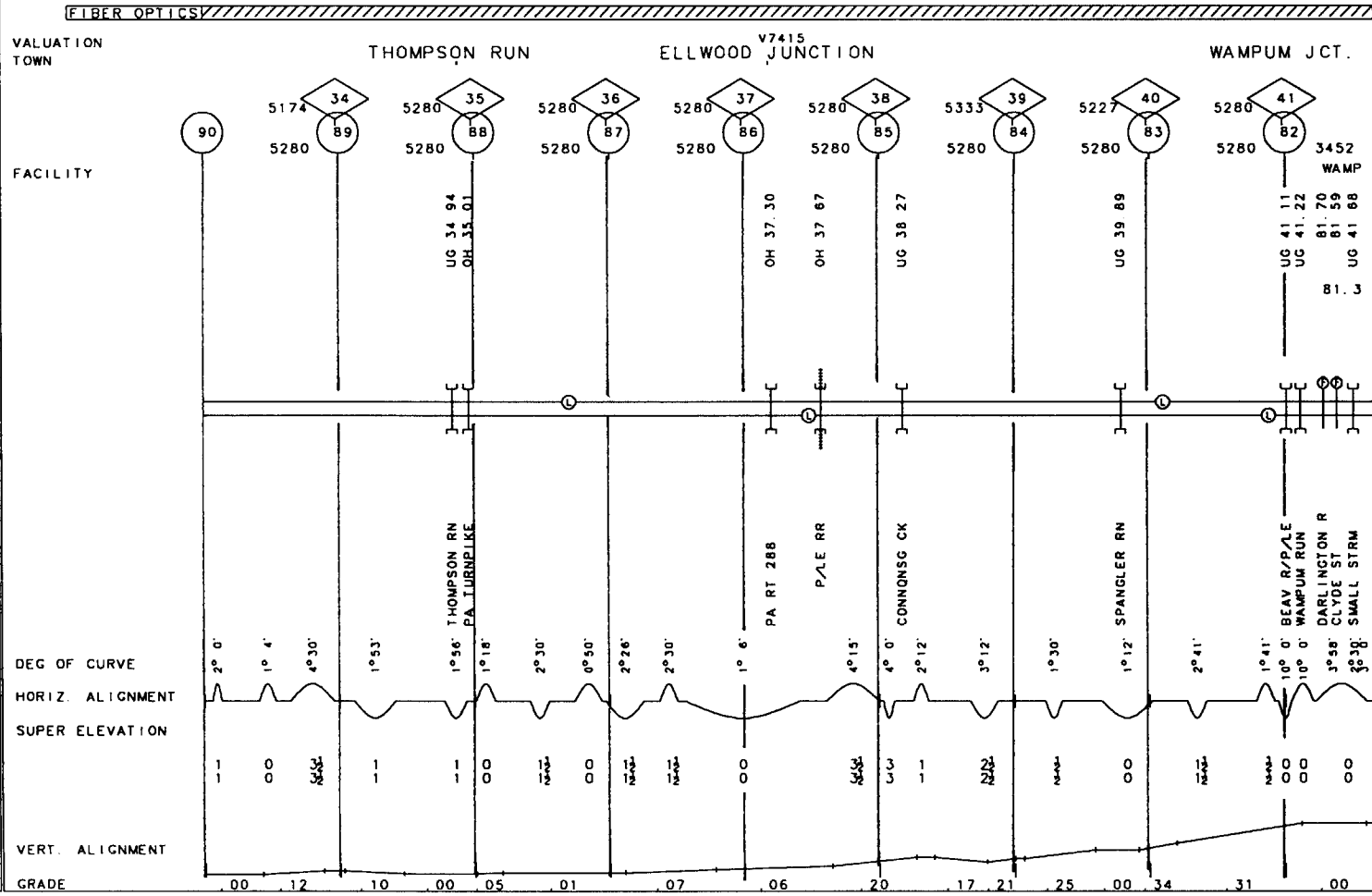
FACILITY



001

002

002



GRINDING	97
SURFACING	91
TIES	91
UNDERCUTTING	
RAIL	31F83
BAL. CLEAN	63BH
TONNAGE(MGT)	9.5
T T SPEED	40

001

GRINDING	97
SURFACING	91
TIES	91
UNDERCUTTING	
RAIL	31F83
BAL. CLEAN	95
TONNAGE(MGT)	30.2
T T SPEED	40

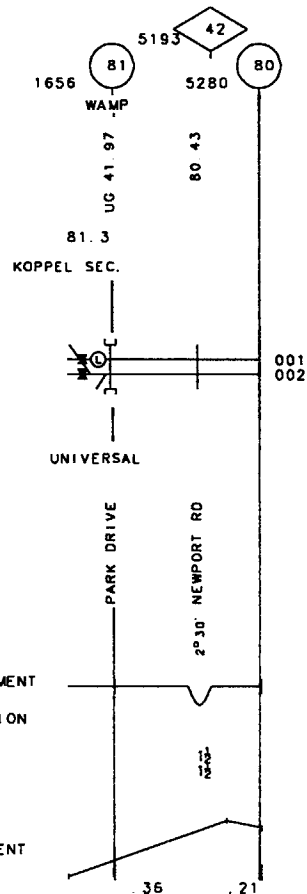
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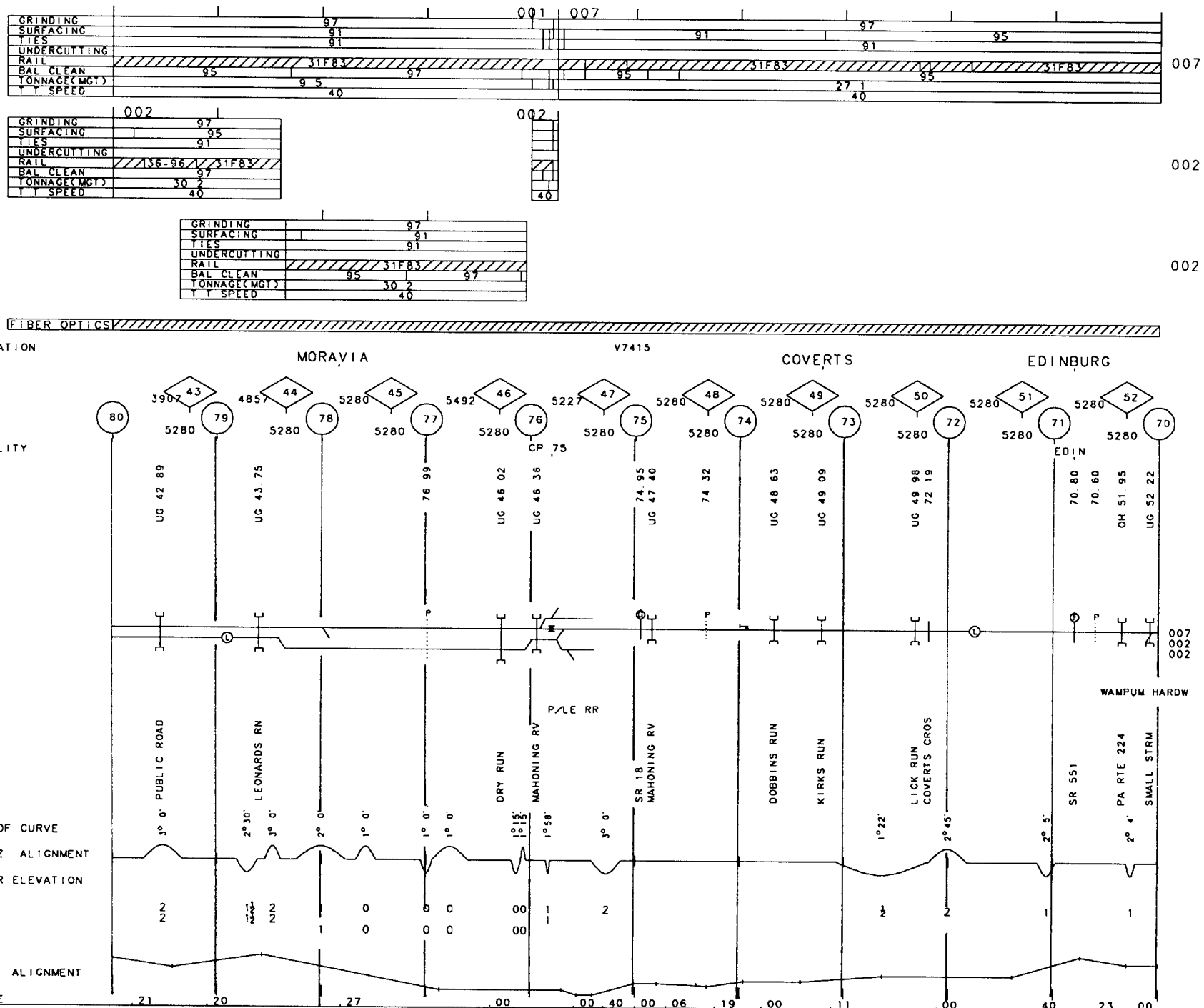
FIBER OPTICS

VALUATION
TOWN

V7415
WAMPUM JCT

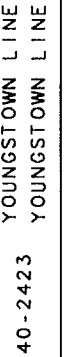
FACILITY





GRINDING	
SURFACING	91
TIES	91
UNDERCUTTING	
RAIL	36-91
BAL CLEAN	64BH
TONNAGE(MGT)	0 2
TY SPEED	15

REV.	01/01/98	MP	-MP	PA/ OH
		70.00		66.20
		66.20		60.00



GRINDING	
SURFACING	91
TIES	91
UNDERCUTTING	
RAIL	36-97/1 30-29
BAL. CLEAN	64BH
TONNAGE (MGT)	0 2
T Y SPEED	15

GRT

GRINDING		97
SURFACING	95	96
TIES		91
UNDERCUTTING		
RAIL	31F85	
BAL. CLEAN	95	
TONNAGE (MGT)	26 6	
T Y SPEED	25 120	25

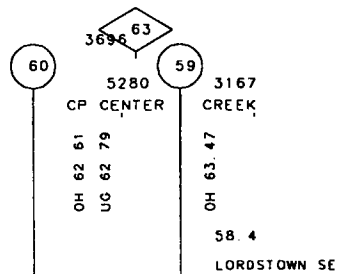
007

FIBER OPTICS

VALUATION
TOWN

V7420

FACILITY

GRT
007

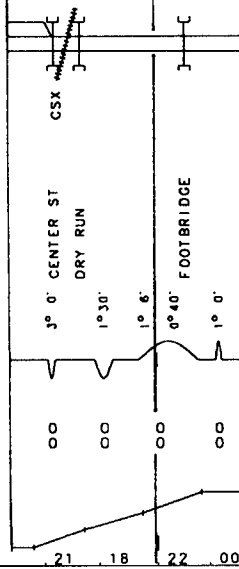
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

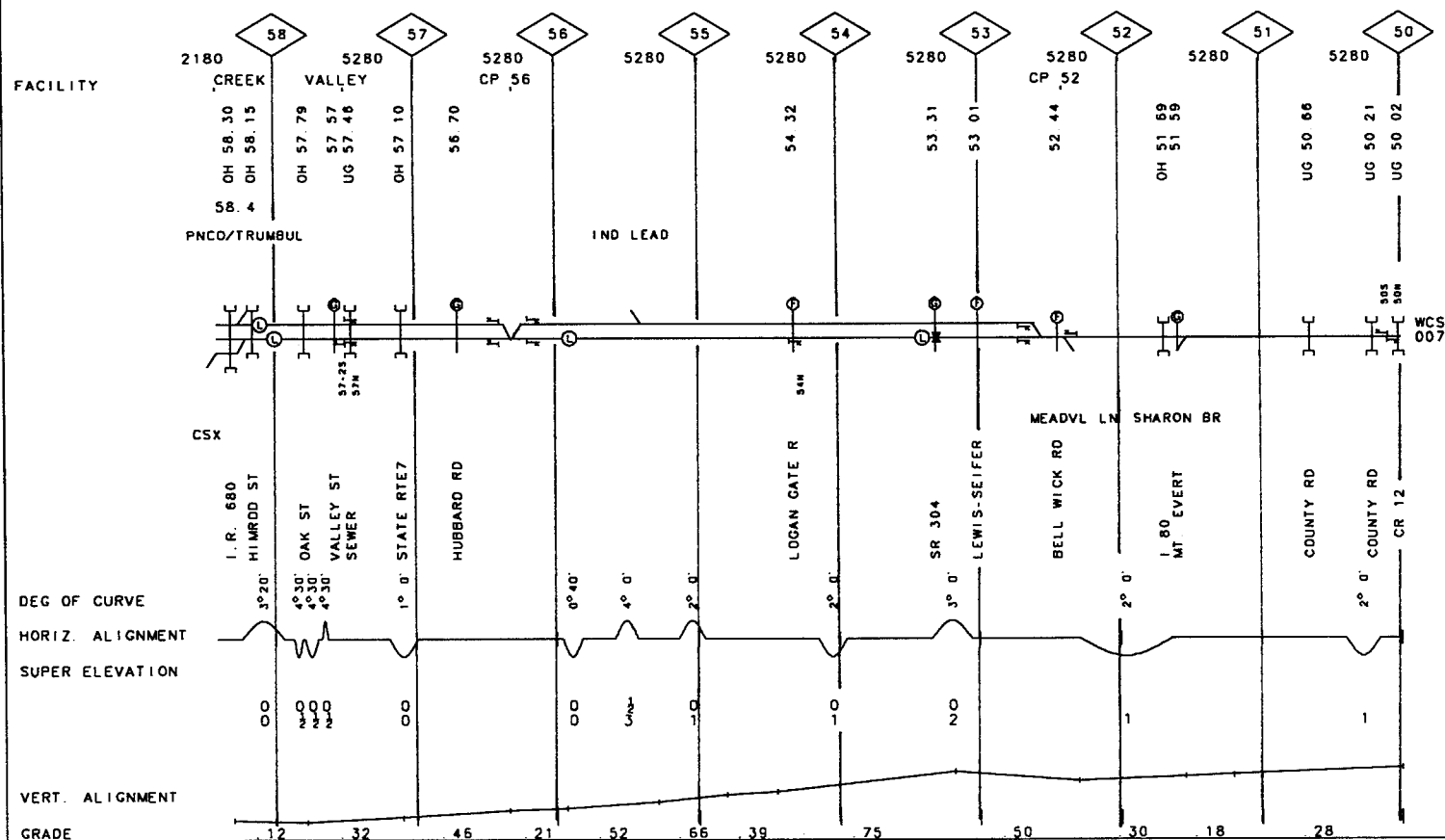
VERT. ALIGNMENT

GRADE



WCS007

DOUGHTON JCT. COALBURG



007

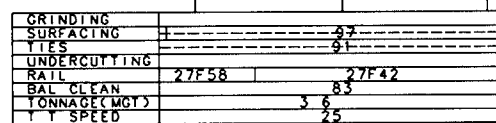
V2230



WCS007

GUSTAVUS





ECS

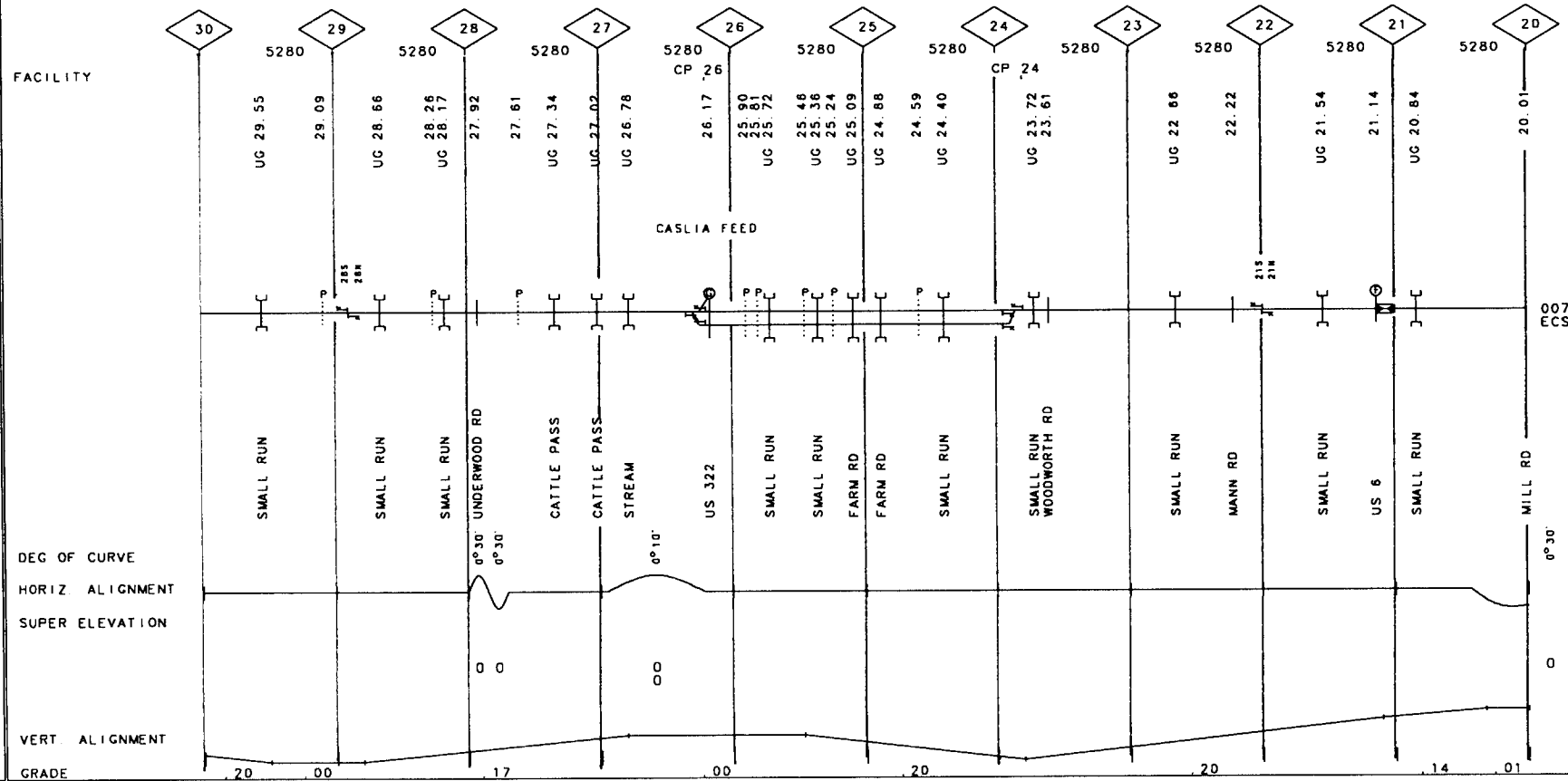
FIBER OPTICS

VALUATION
TOWN

WICK

v2230 | v2220
MANN

FACILITY



GRINDING	
SURFACING	88
YES	82
UNDERCUTTING	
RAIL	27 F41
BAL CLEAN	83
TONNAGE (MGY)	3 2
T T SPEED	25

FIBER OPTICS

VALUATION
TOWN

DORSET V2220

FACILITY

DEG OF CURVE

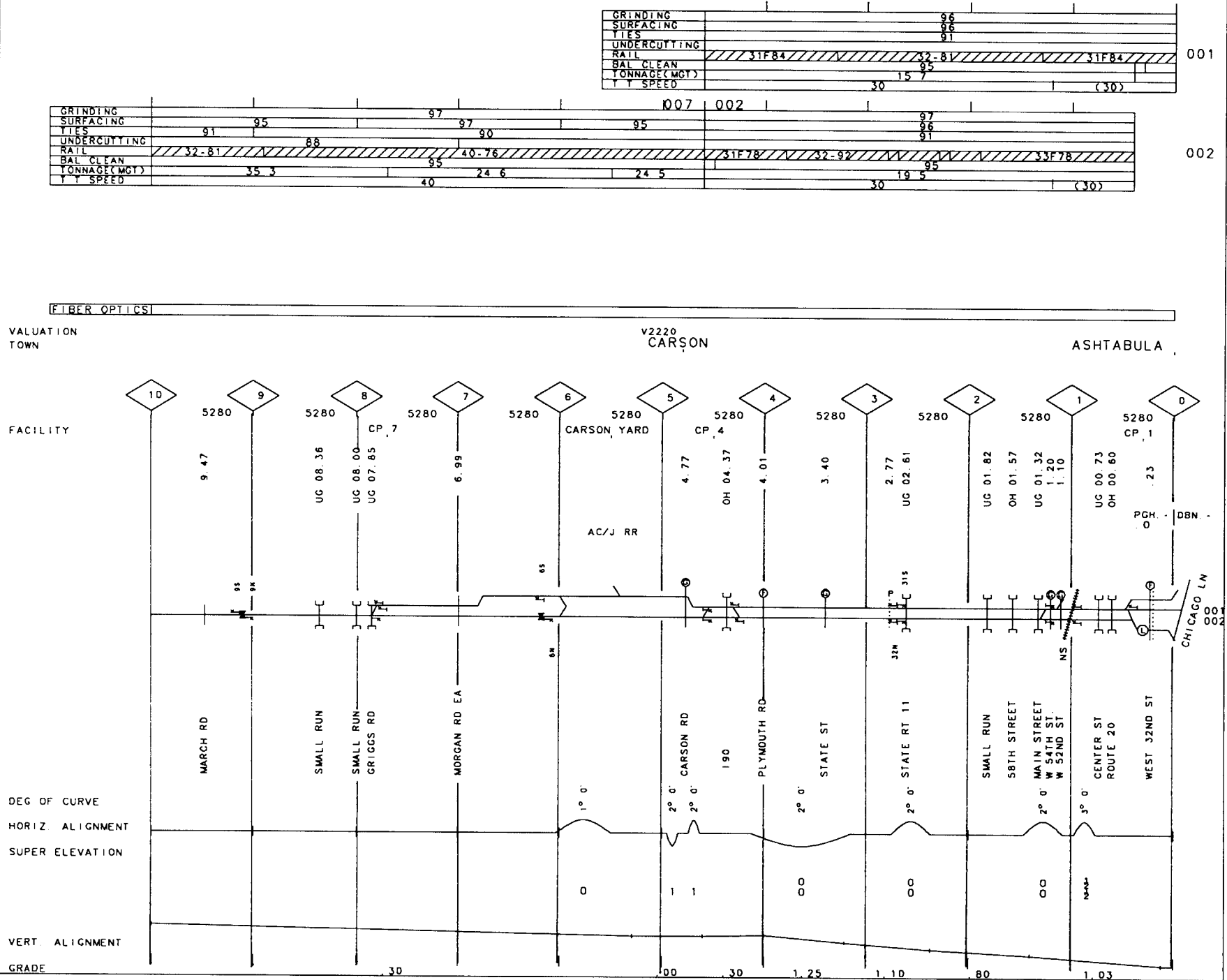
HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

007
ECS



GRINDING	
SURFACING	
TIES	84
UNDERCUTTING	85
RAIL	33-53
BAL. CLEAN	88
TONNAGE (MGY)	35
T T SPEED	40

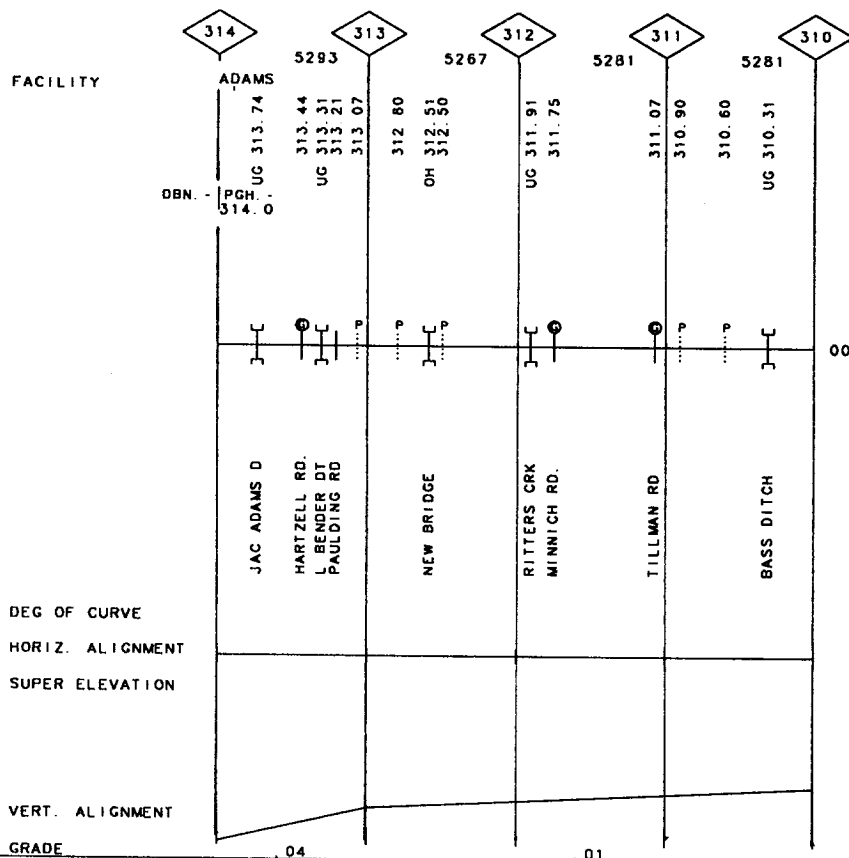
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FIBER OPTICS

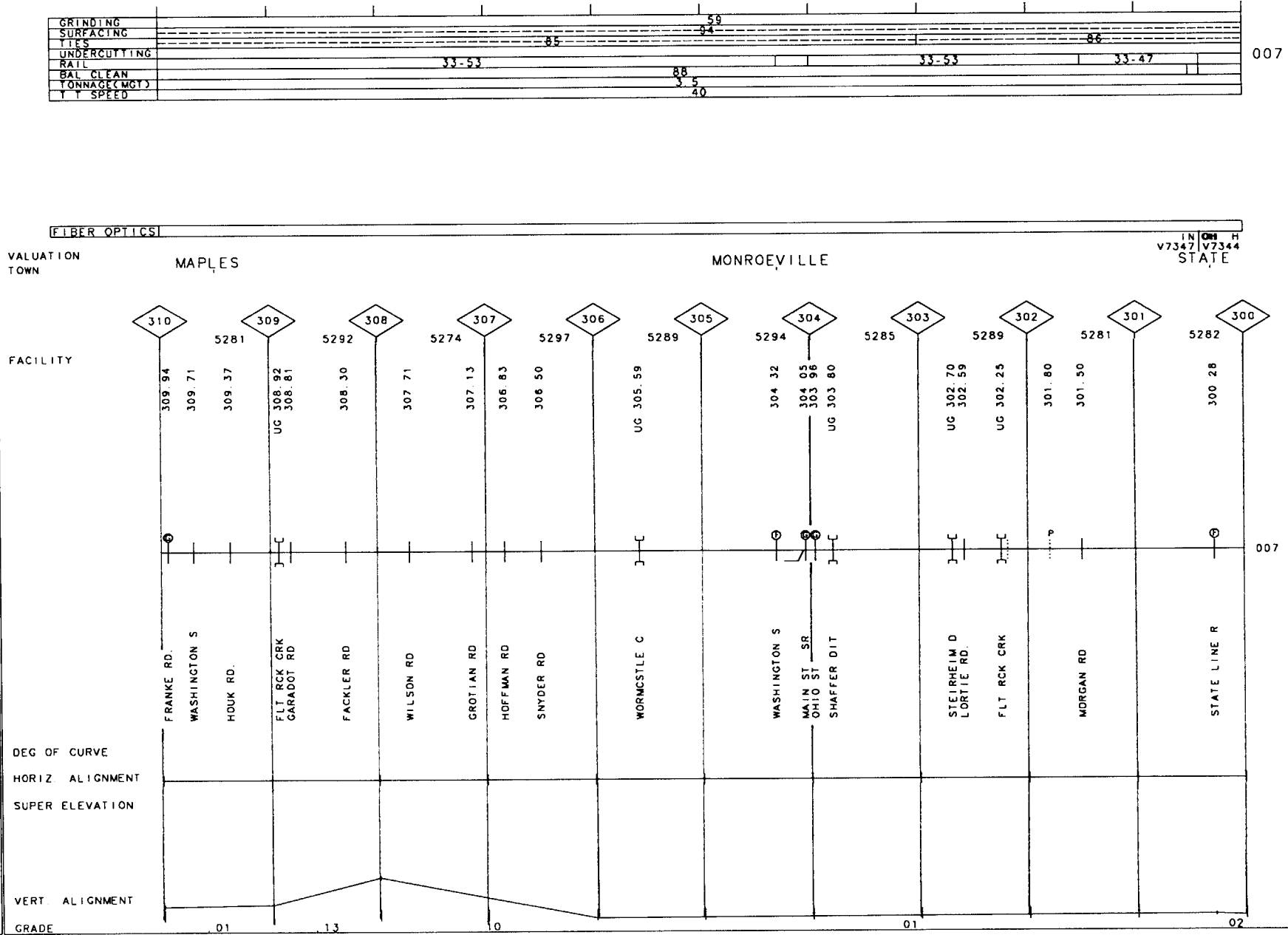
VALUATION
TOWN

FORT WAYNE

V7347



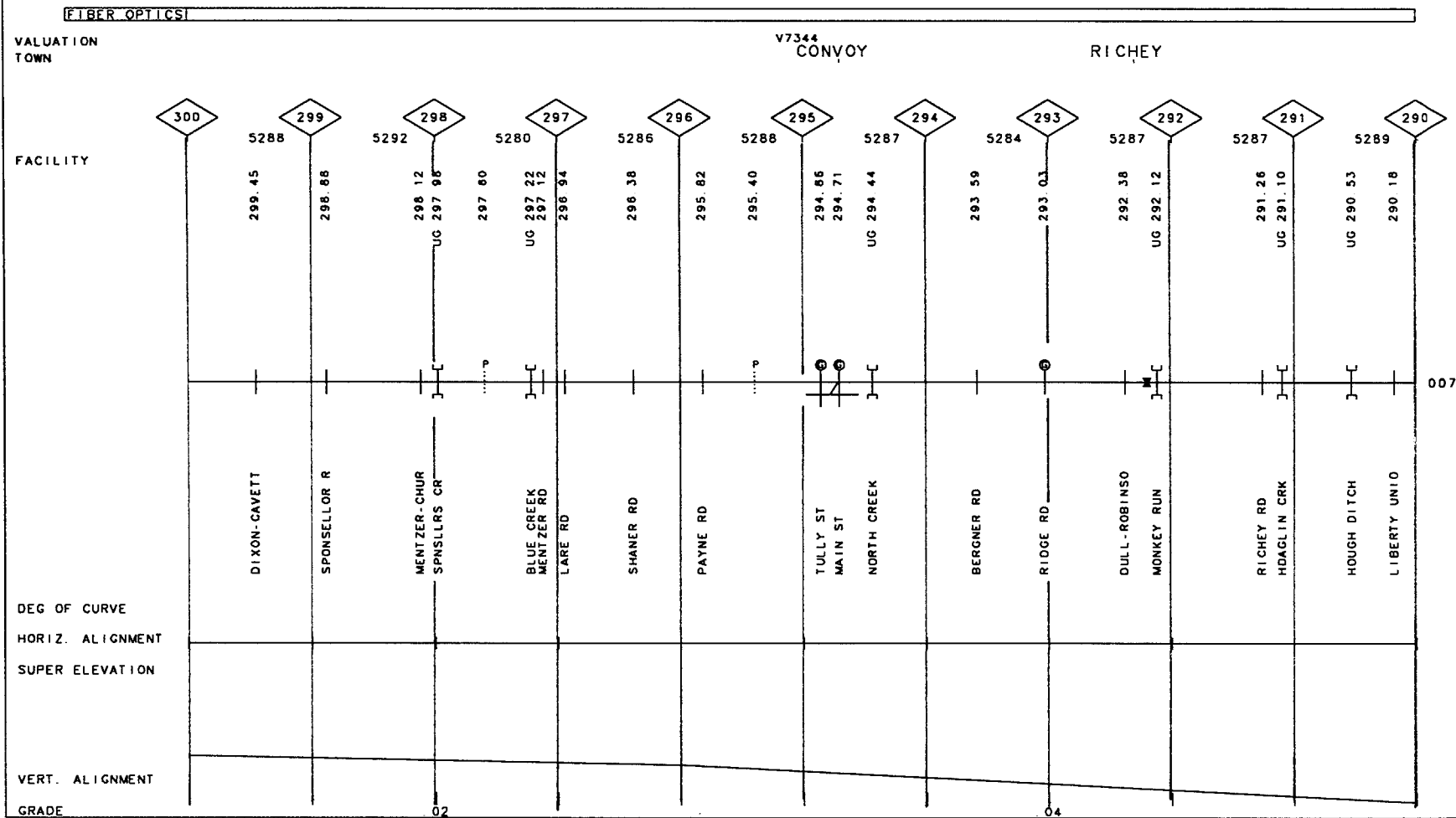
007



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IN OH H
V7347 V7344



GRINDING	59	64	80(2)
SURFACING	54	86	86
TIES			
UNDERCUTTING			
RAIL	33-48	33-57	33-56
BAL CLEAN		88	
TONNAGE(MGT)	5.5		
T T SPEED	40		

007

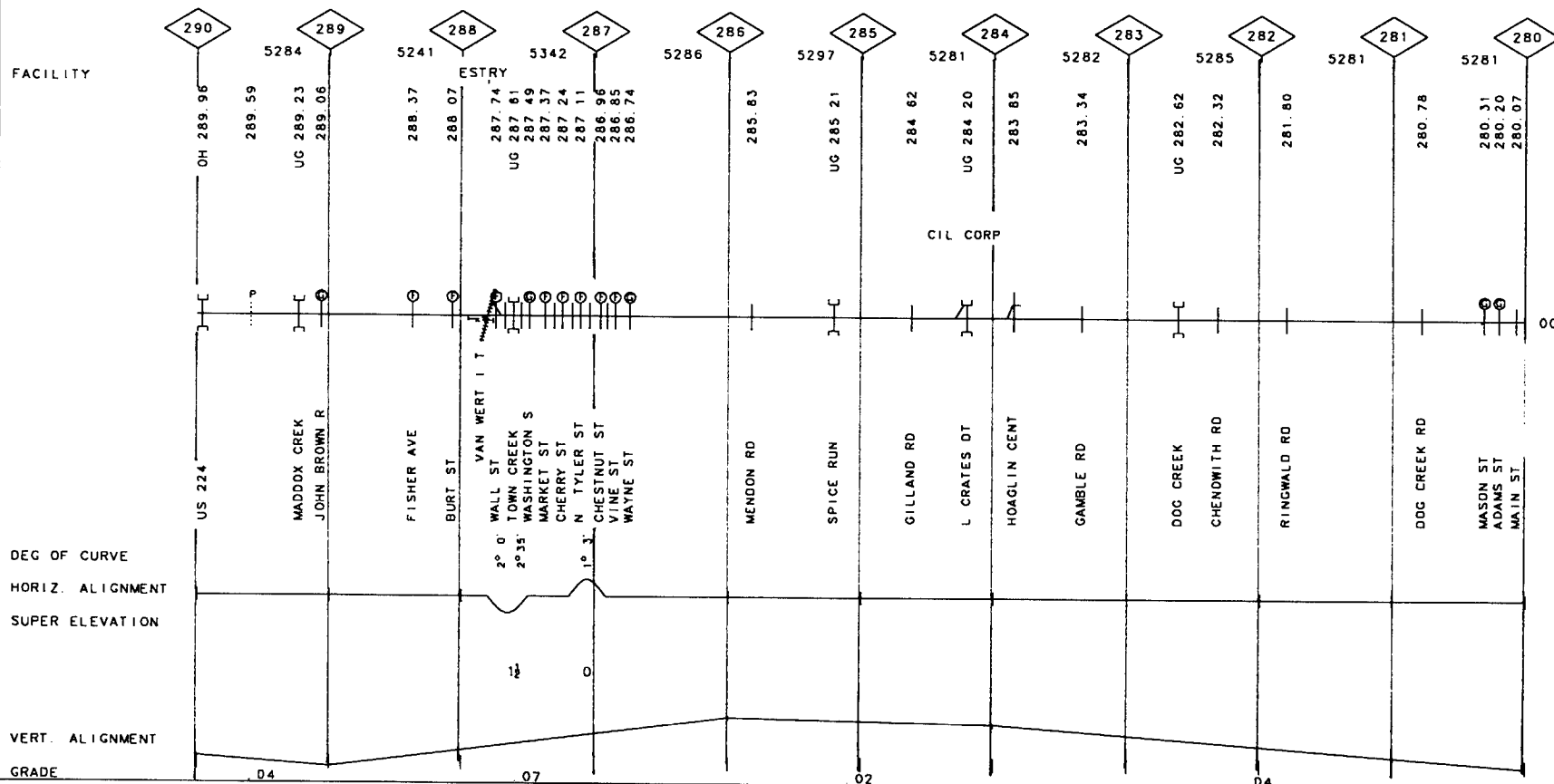
FIBER OPTICS

VALUATION
TOWN

VAN WERT

V7344

MIDDLEPOINT



GRINDING	59	80(2)	95
SURFACING	94		850
TIES			
UNDERCUTTING		86	
RAIL	33-50		32-80
RAIL CLEAN	88	88	86
TONNAGE (MT)	3.5		3.8
TY SPEED	40		50

007

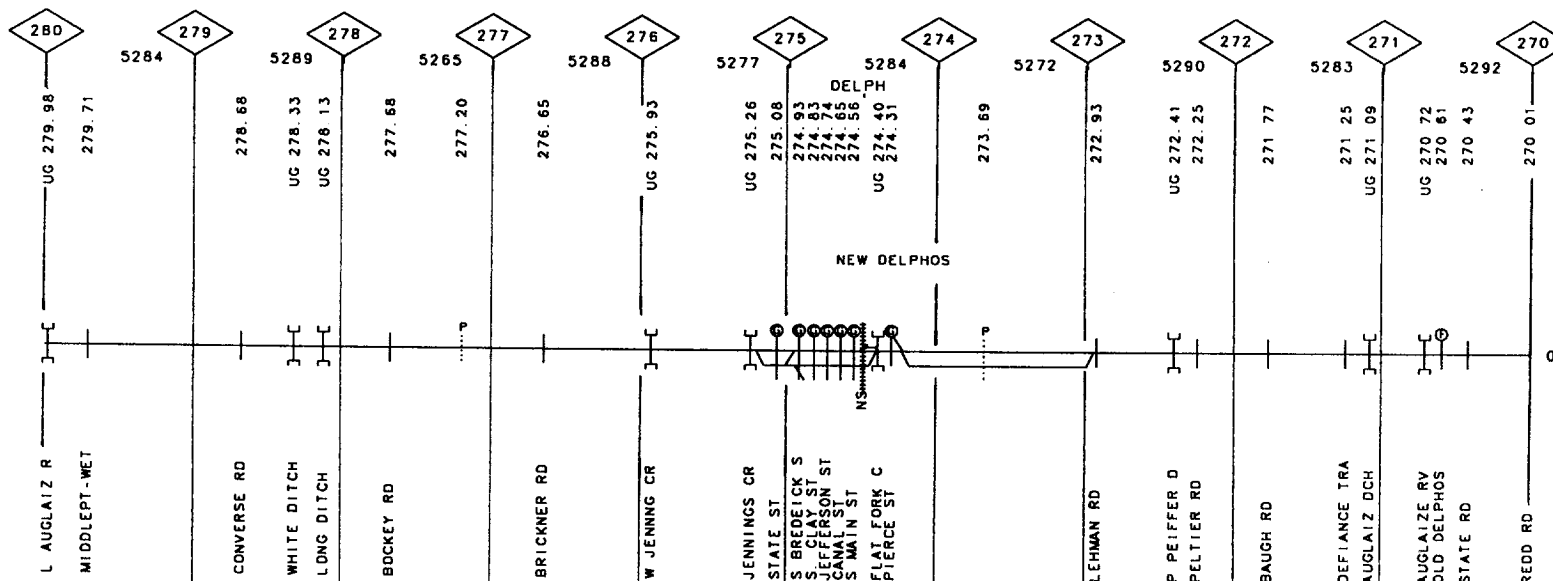
FIBER OPTICS

VALUATION
TOWN

V7344

DELPHOS

FACILITY



007

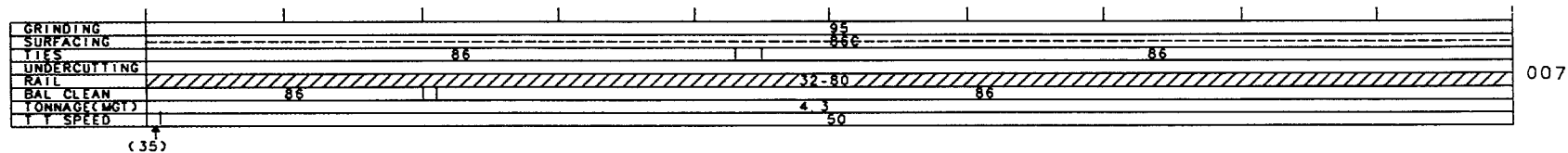
DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION
VERT. ALIGNMENT
GRADE

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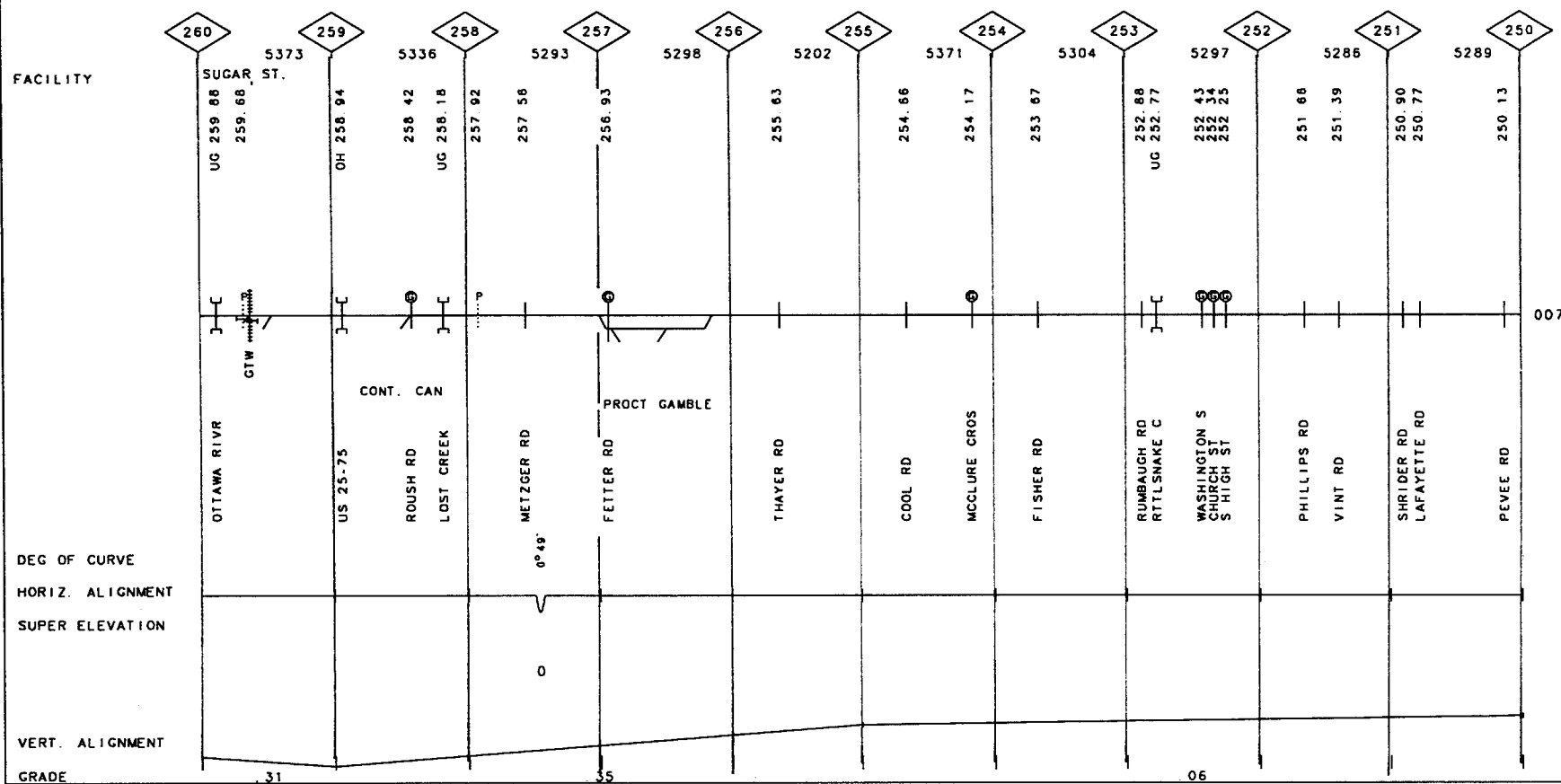
FIBER OPTICS

VALUATION
TOWN

PROCTOR

V7344

LAFAYETTE



GRINDING	
SURFACING	
TIES	86
UNDERCUTTING	86
RAIL	32-80
BAL. CLEAN	86
TONNAGE(MGT)	43
T-Y SPEED	50

007

FIBER OPTICS

VALUATION
TOWN

ADA V7344

FACILITY

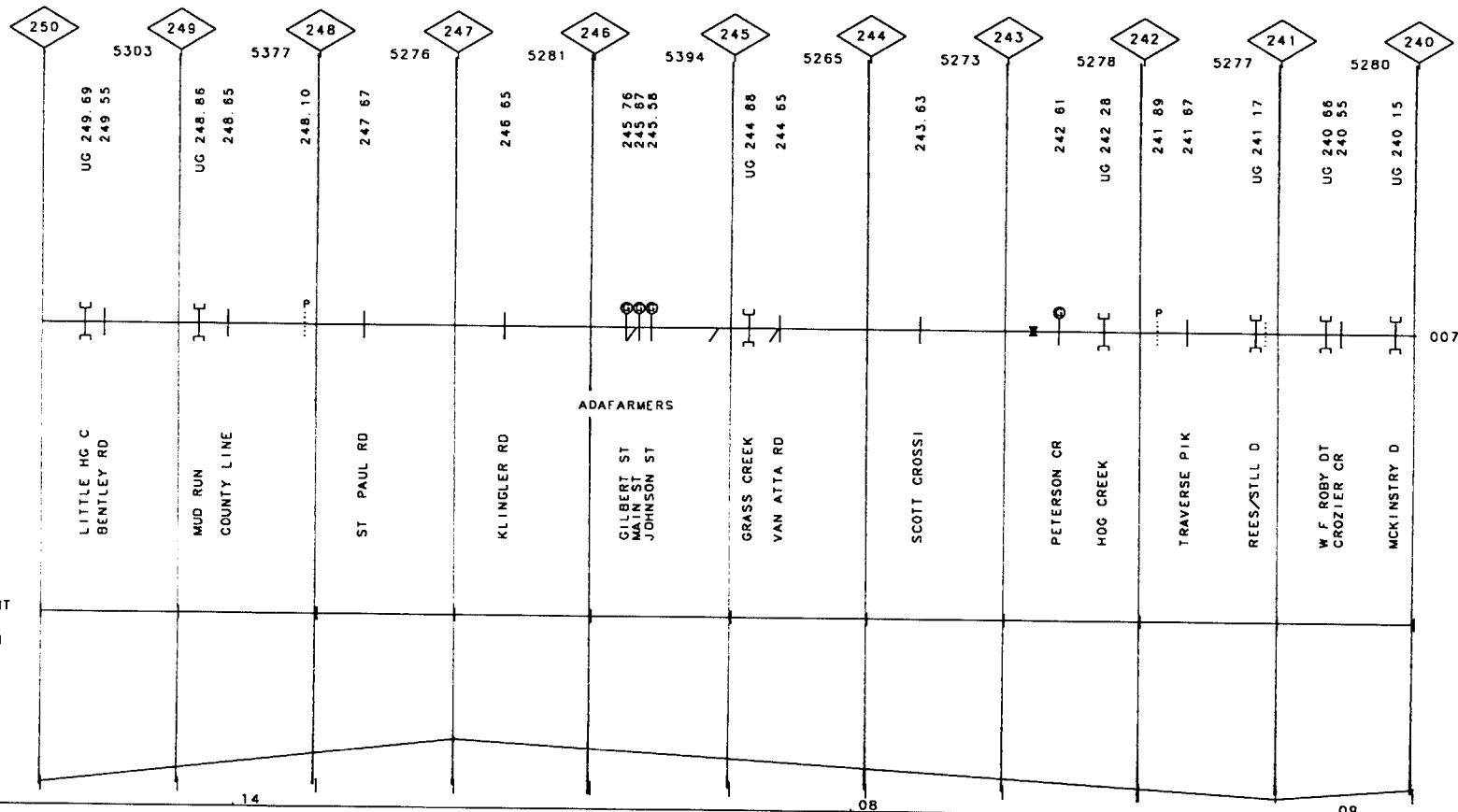
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



007

007

FIBER OPTICS

VALUATION
TOWN

DOLLA

DUNKIRK

V7344

FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

007

GRINDING	59	95	80(1)	64	85	94
SURFACING						
TIES	94		94	65		
UNDERCUTTING						
RAIL	33-58	33-58	33-58	33-49	33-49	
BAL. CLEAN						
TONNAGE (MGY)	4.3			88		
T T SPEED				40	4.7	

007

FIBER OPTICS

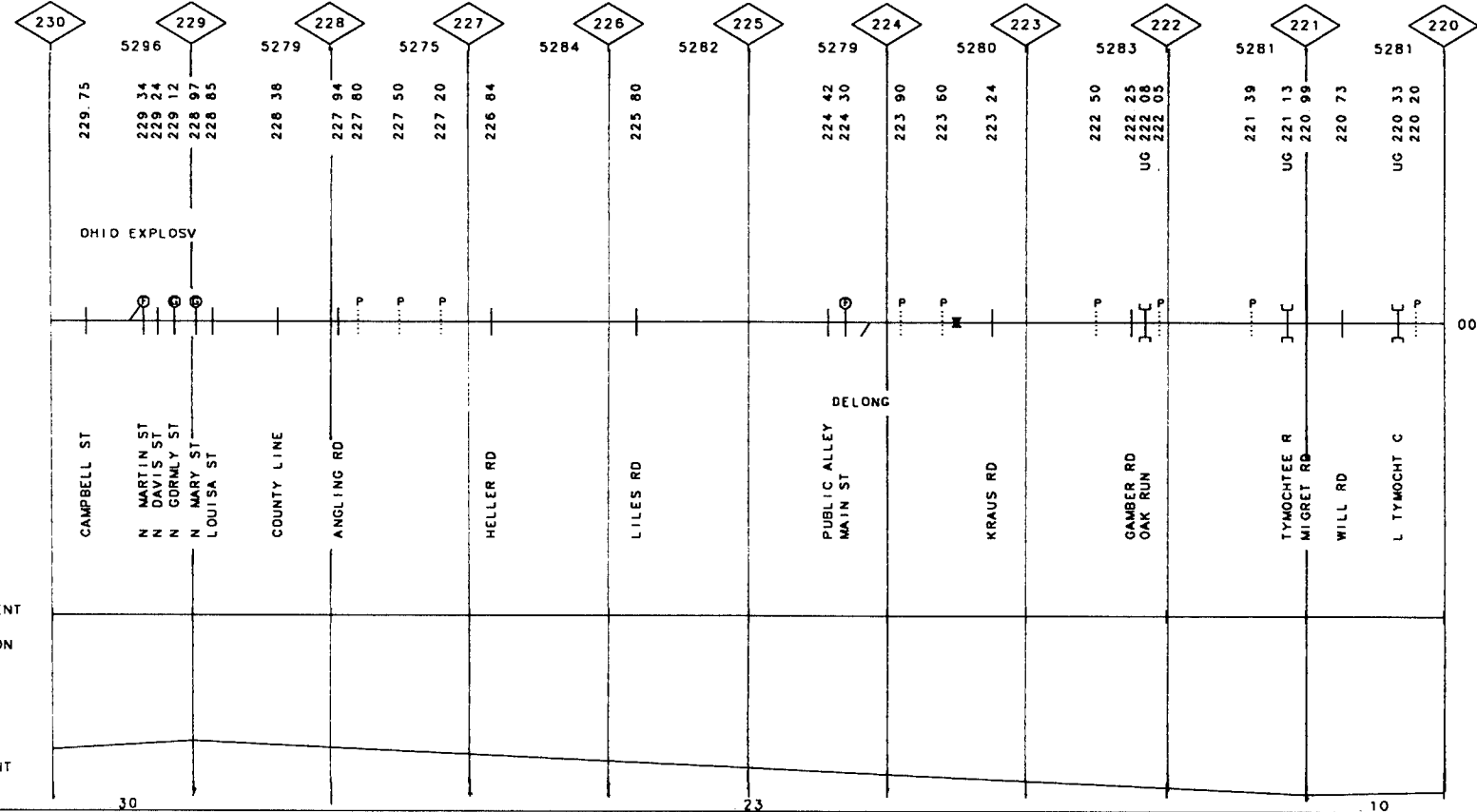
VALUATION
TOWN

V7344
KIRBY

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT
GRADE



007

SDC007VALUATION
TOWN

MIFFLIN

UPPER SANDUSKY

Y7344

FACILITY

DEG OF CURVE
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HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

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007

40-3102 FORT WAYNE LINE

REV. 01/01/98

MP 210.00-MP 220.00

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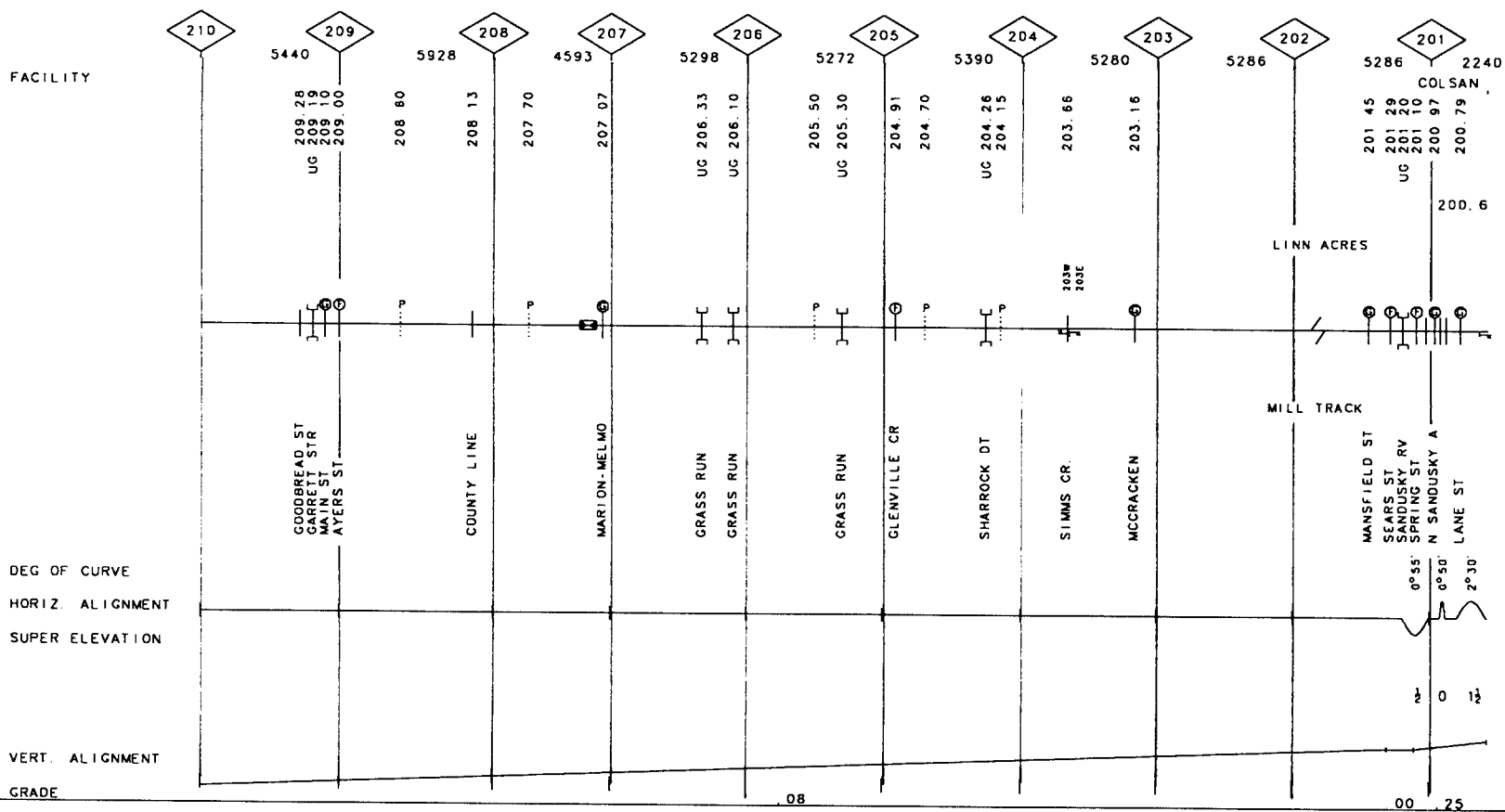
FIBER OPTICS

VALUATION
TOWN

NEVADA

V7344

BUCYRUS



GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	///
BAL. CLEAN	
TONNAGE(MGT)	
TY SPEED	30

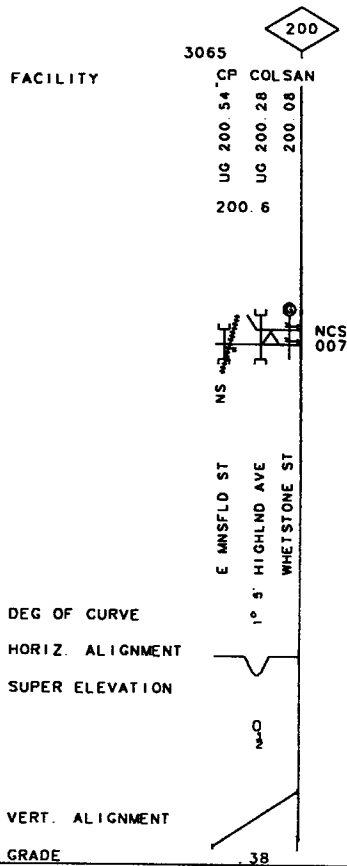
NCS

GRINDING	96
SURFACING	208
TIES	208
UNDERCUTTING	
RAIL	///
BAL. CLEAN	84
TONNAGE(MGT)	5.2
TY SPEED	50/50

007

FIBER OPTICS

VALUATION V7344
TOWN



GRINDING		79(1)		NCS
SURFACING			78E	
TIES			77E	
UNDERCUTTING				
RAIL			40F77	
BAL CLEAN			82	
TONNAGE (MGT)			0.5	
T T SPEED			30	

NPS		94	
85		81	
77			
32-79			
83			
2 4		2 5	
15			

NPS

007

FIBER OPTICS

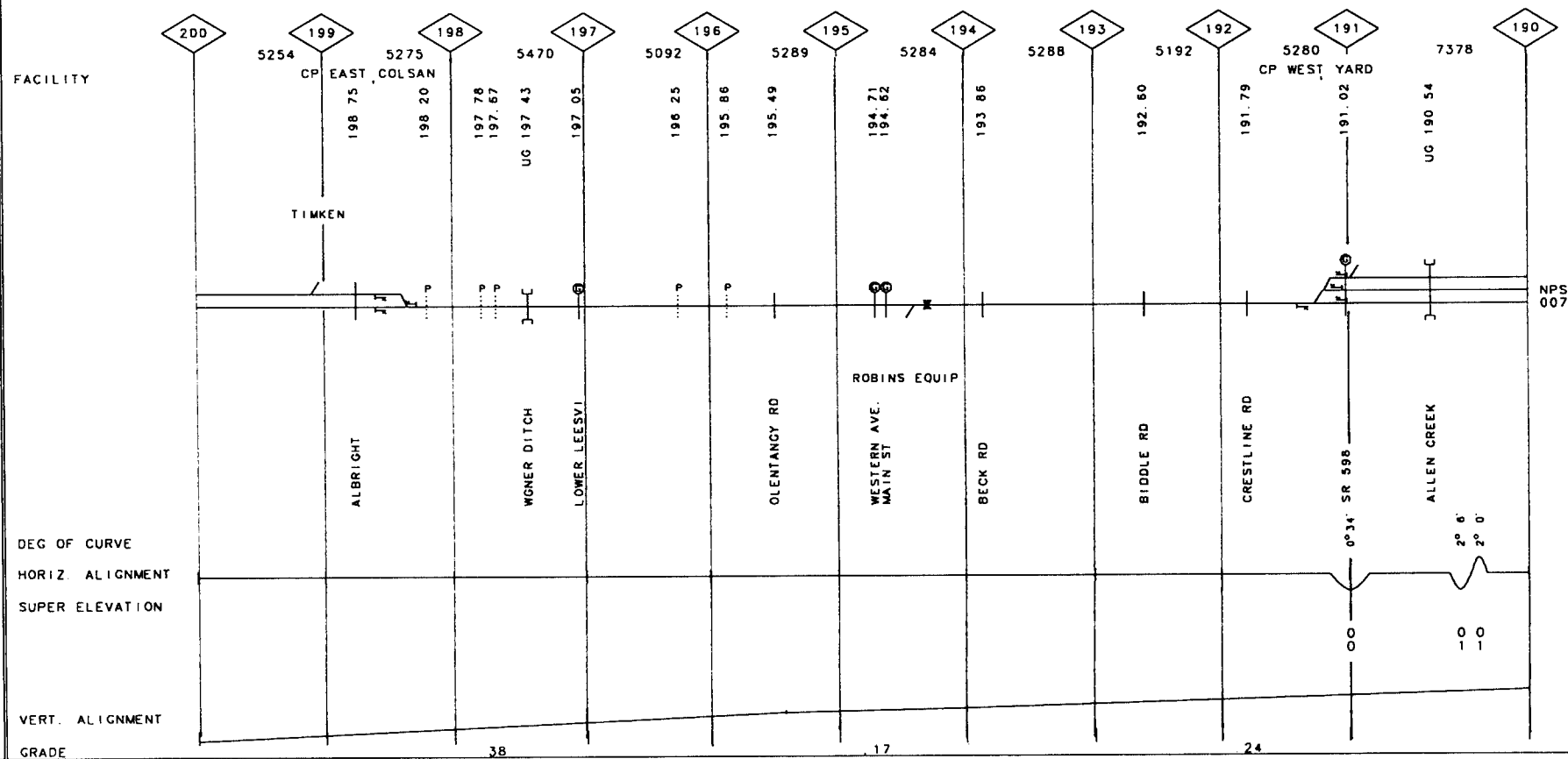
VALUATION
TOWN

BUCYRUS

N. ROBINSON

V7344 | V7342
CREST

344 | V7342
CRESTLINE



GRINDING	94
SURFACING	81
TIES	77
UNDERCUTTING	32-79
RAIL	83
BAL. CLEAN	2.5
TONNAGE(MGT)	1.5
T T SPEED	15

002	97	95	95	92
32-79	21.5	60/50		

GRINDING	96
SURFACING	88
TIES	88
UNDERCUTTING	32-79
RAIL	96
BAL. CLEAN	2.0
TONNAGE(MGT)	30/30
T T SPEED	40/40

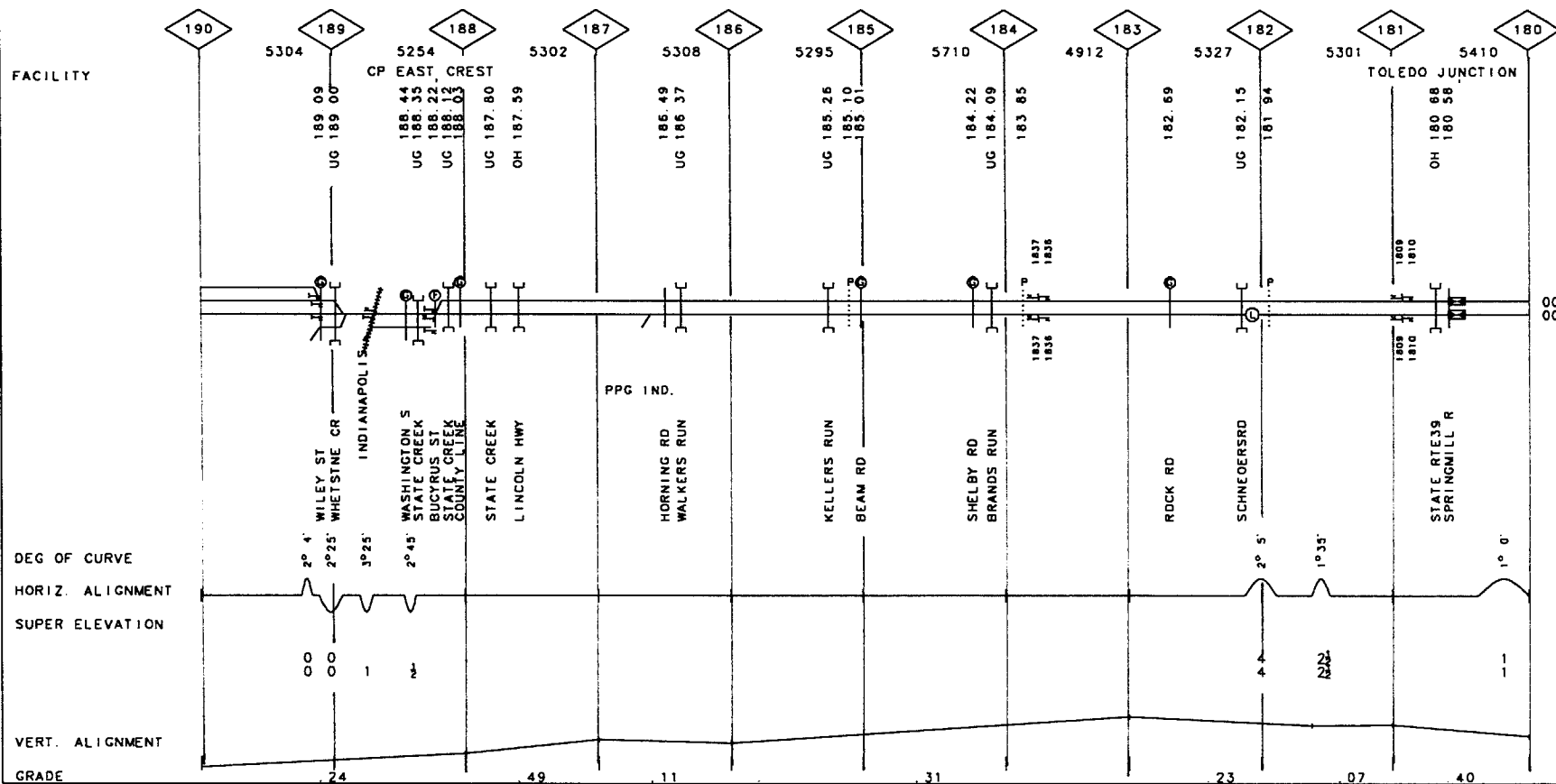
007	97	88	88	88
40-73	81	32-78	40-73	
60/50	19.8			

FIBER OPTICS

VALUATION
TOWN

CRESTLINE

V7342



GRINDING	97
SURFACING	92
ES	95
UNDERCUTTING	79UP
RAIL	40-77
RAIL CLEAN	92
TONNAGE (MGT)	14.4
TY SPEED	60/50

001



GRINDING	97	96	97	97	91	94
SURFACING						
TIES						
UNDERCUTTING			80UP		85	91
RAIL						
BAL. CLEAN	32-78	96	40-74	40-71	35-95	32-78
TONNAGE(MGT.)			42 2		94	95
T T SPEED	60/50		50/50		60/50	

007

FIBER OPTICS

VALUATION
TOWN

BIG PRAIRIE

V7342
SHREVE

MILLBROOK

FACILITY

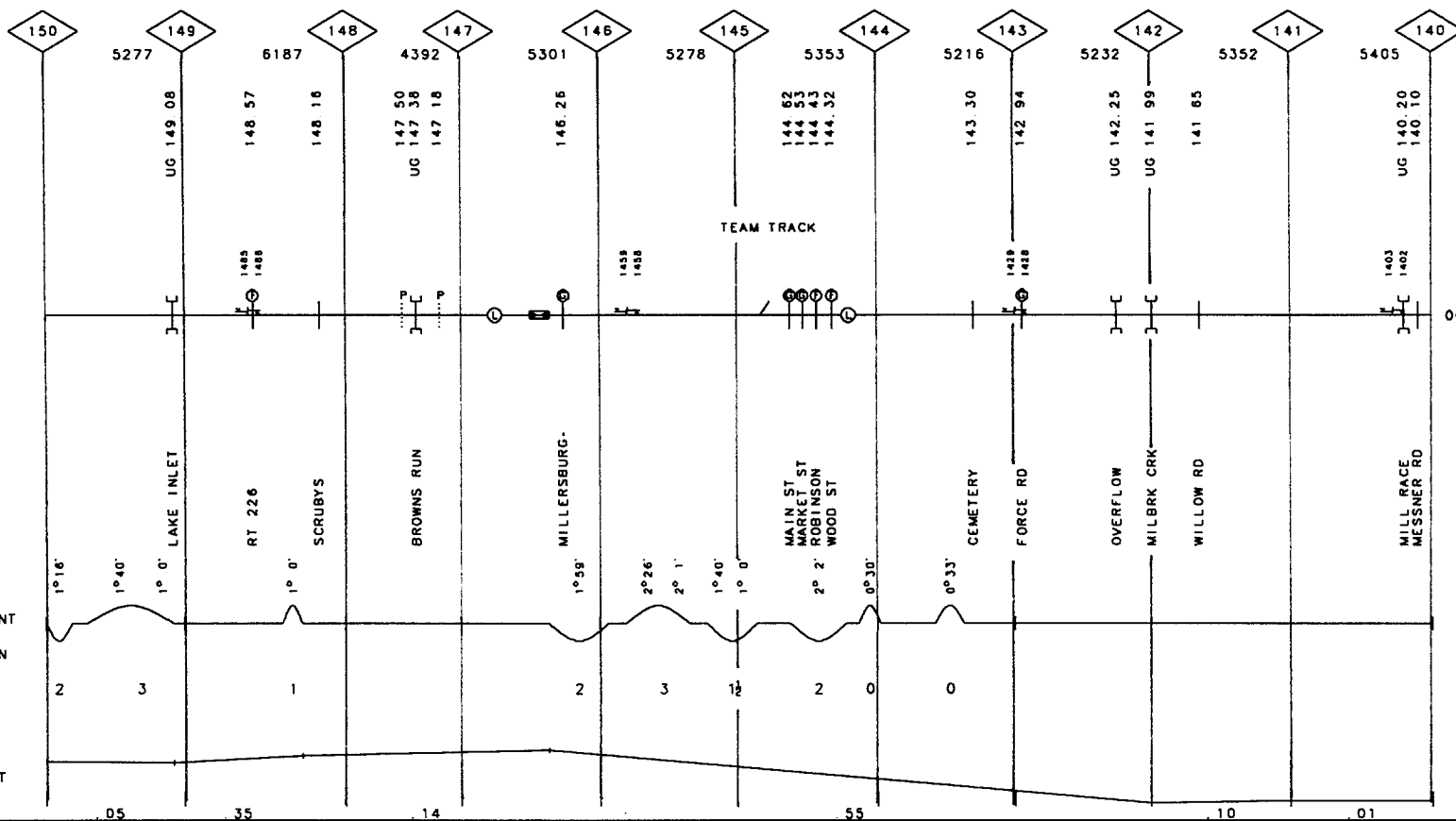
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



007

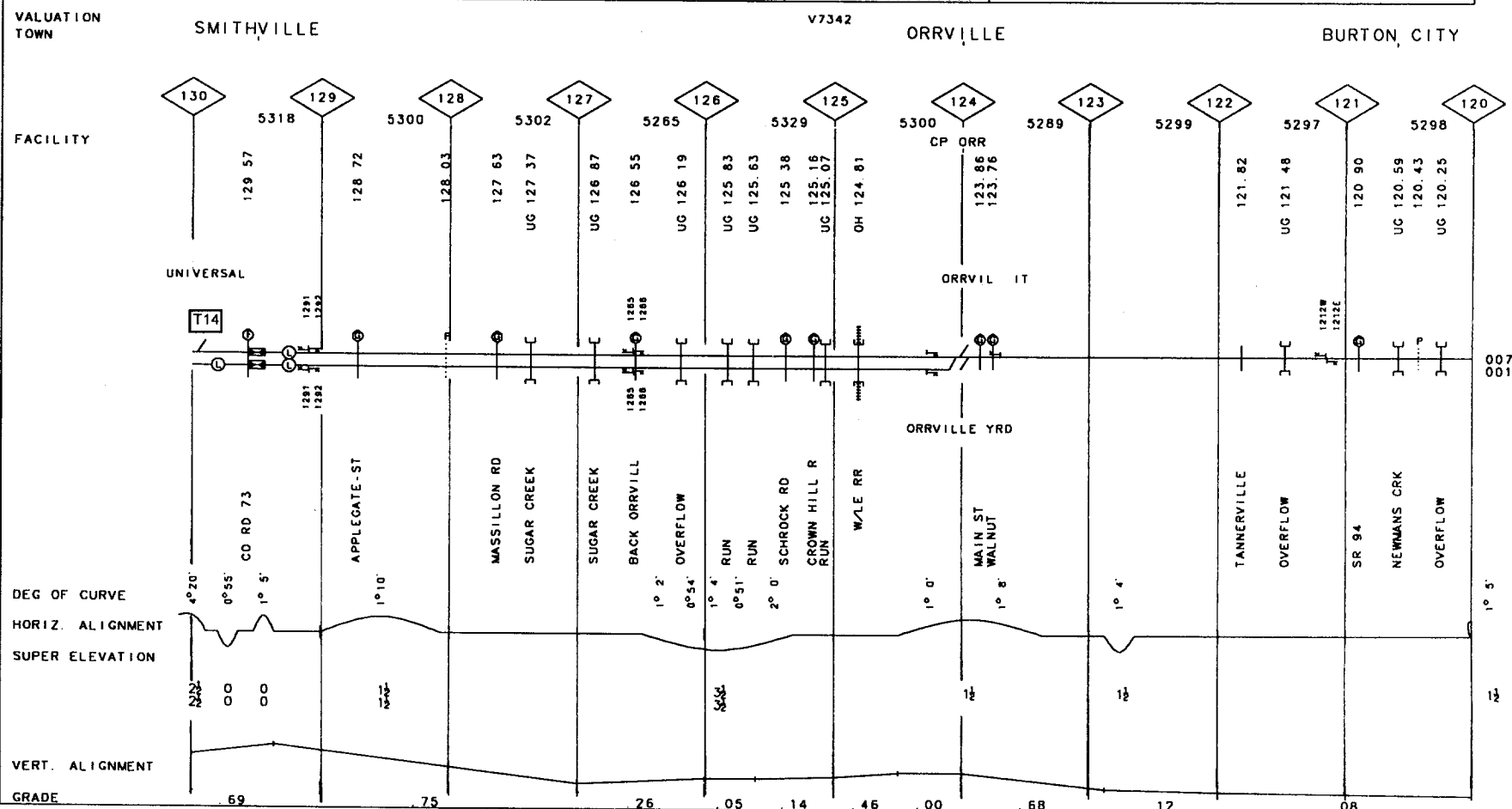
IND
002
001

	002		007		
GRINDING					
SURFACING	92	97		97	
TIES		92		96	94
UNDERCUTTING	80UP			96	
RAIL		32-78			
BAL CLEAN	92		96	32-78	
TONNAGE(MGT)		29.4		43.8	64
T T SPEED	35/35	60/50		60/50	

	60/60		
GRINDING			
SURFACING		97	
TIES		93	
UNDERCUTTING			
RAIL		32-78	
BAL CLEAN	93		
TONNAGE(MGT)		14.1	93
T T SPEED	35/35	60/50	

T14 - SPRING FROG BY CLEVELAND TRACK

FIBER OPTICS



GRINDING										100.7	002
SURFACING											
TIES											
UNDERCUTTING											
RAIL											
BAL. CLEAN	84	86								15.0	8.9
TONNAGE(MGT)											
TY SPEED										50/50	50/50

GRINDING	97
SURFACING	97
TIES	97
UNDERCUTTING	83
RAIL	77
BAL. CLEAN	93
TONNAGE(MGT)	10.7
TY SPEED	50/50

002

001

FIBER OPTICS

VALUATION
TOWN

NORTH LAWRENCE

V7342

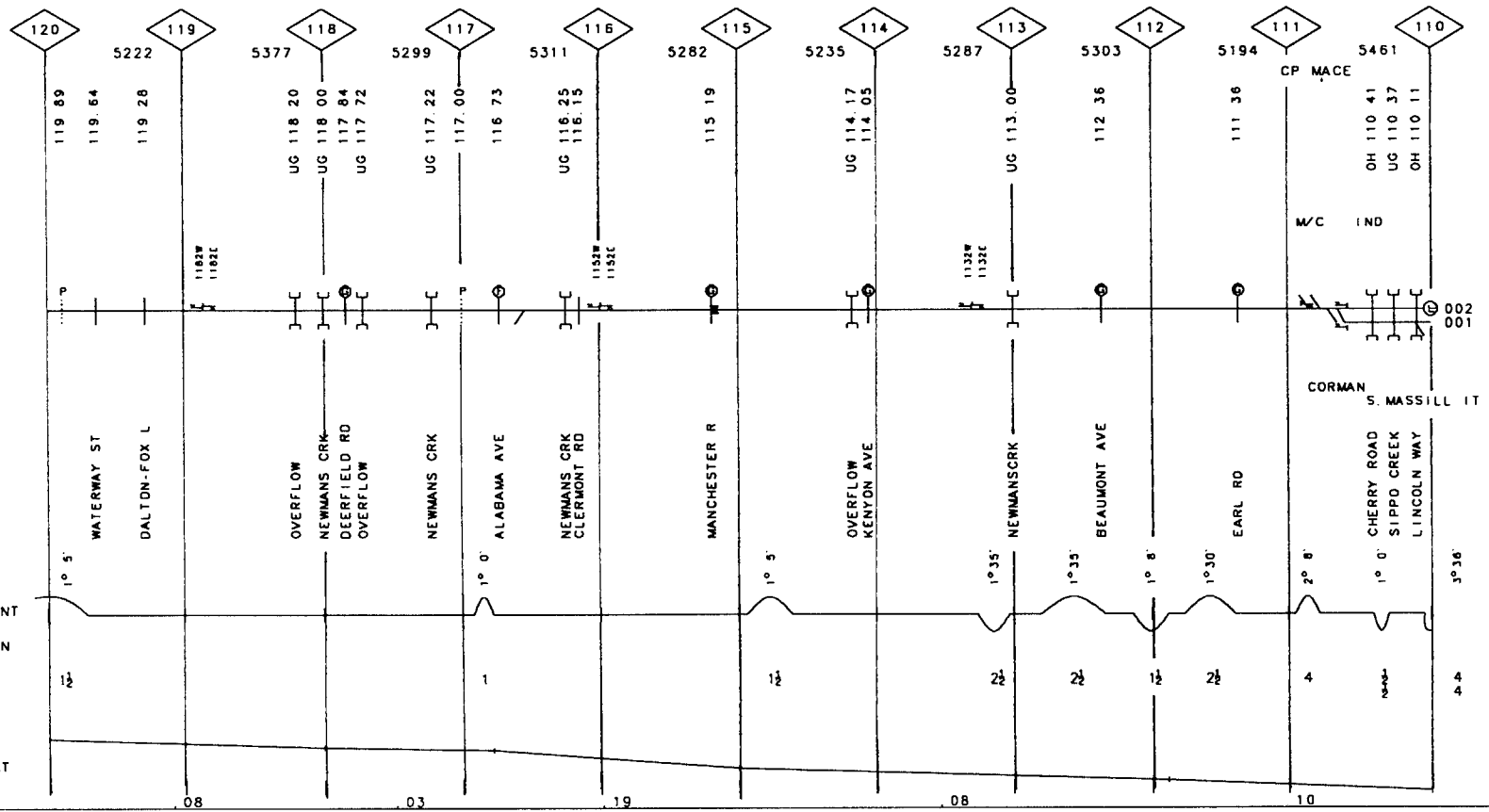
MASSILLON

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



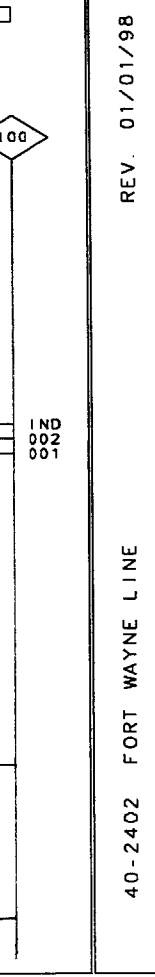
002

001

002

001

001	00-MP	110.00	OH	49	IND
002					



GRINDING					62
SURFACING				85	
TIES				85	
UNDERCUTTING					
RAIL	30-28	31F79		30-29	31-41
BAL CLEAN		80L			
TONNAGE(MGT)			0.6		
T Y SPEED			10		

I N D

002

001

FIBER OPTICS

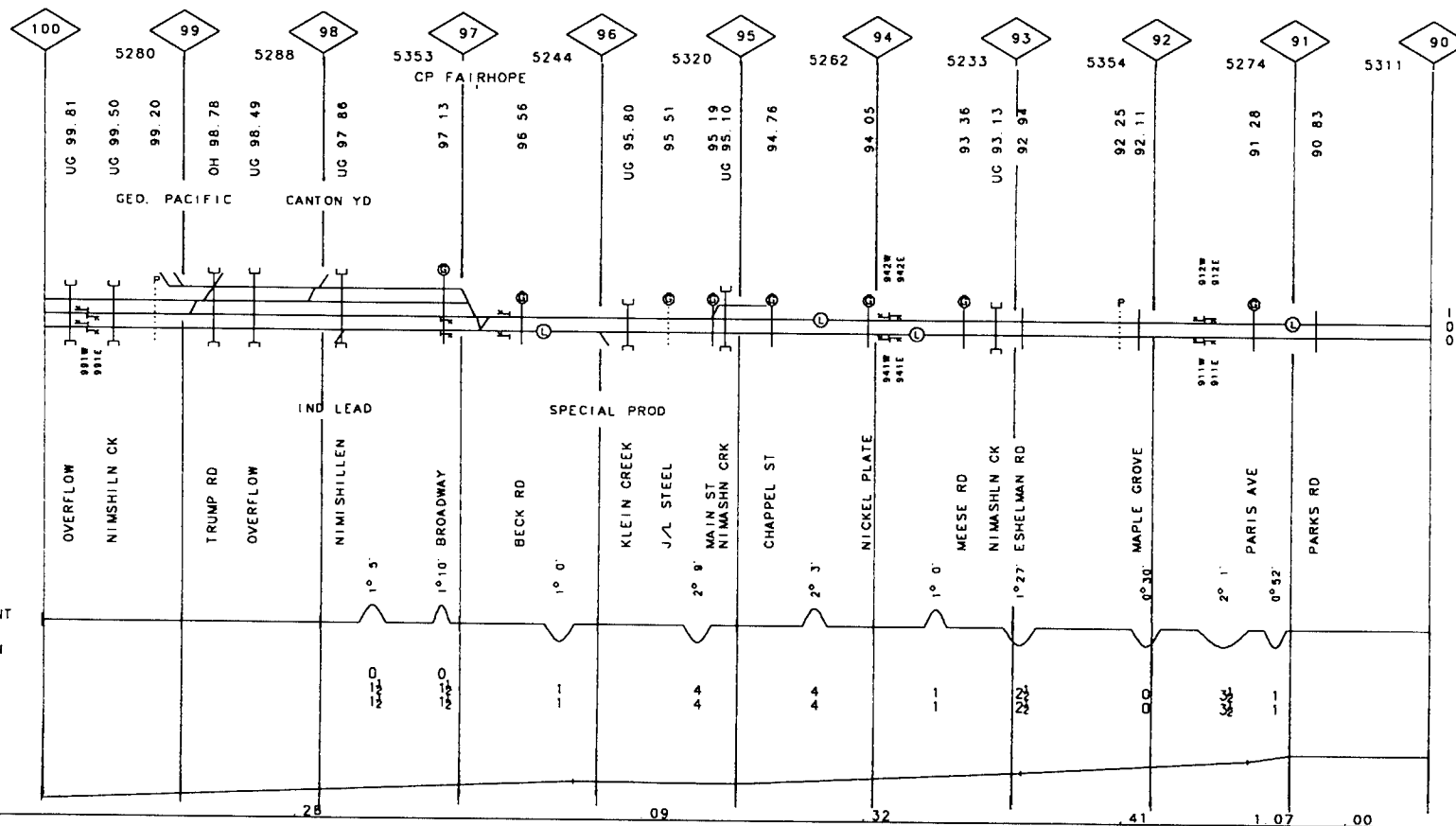
VALUATION
TOWN

CANTON

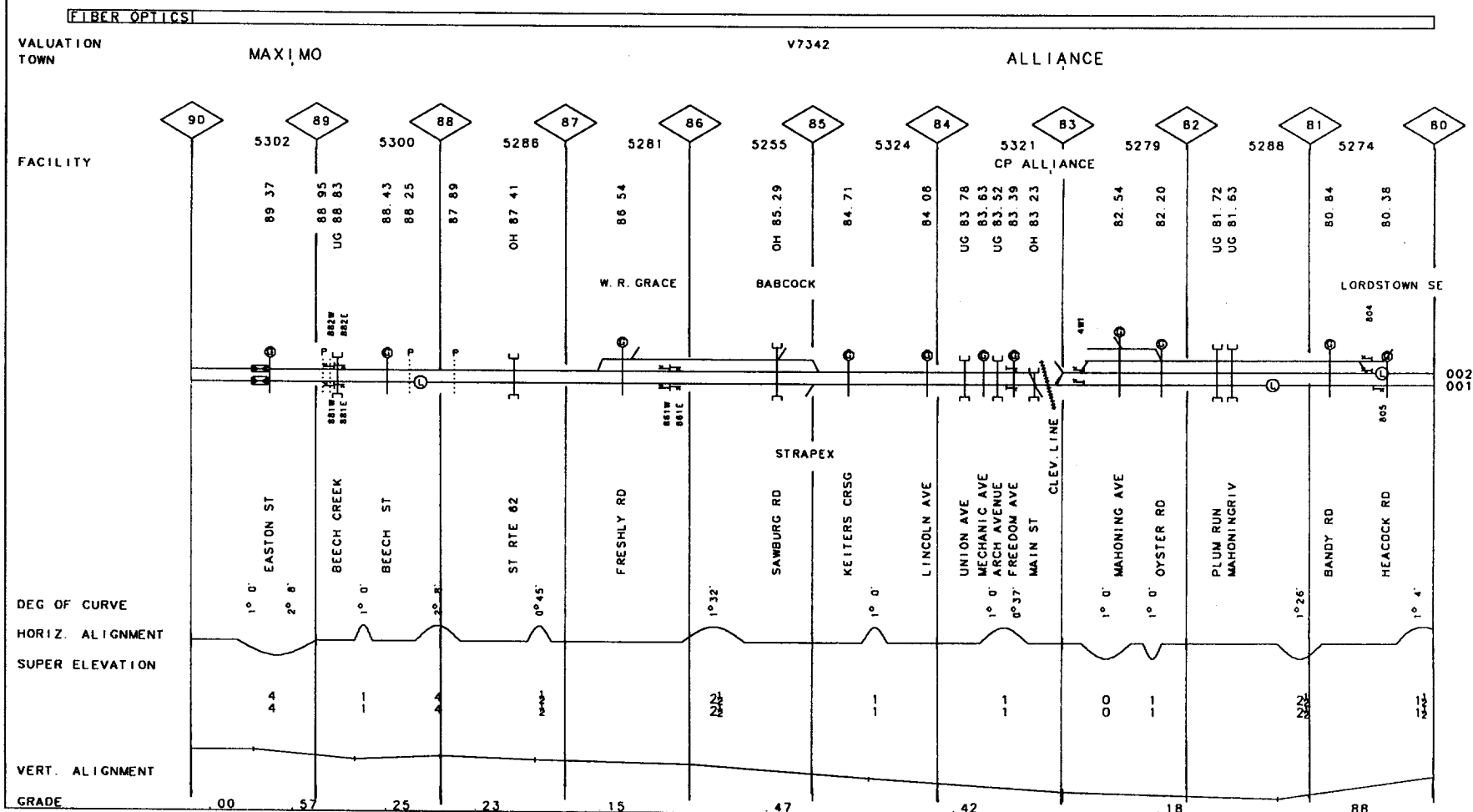
FAIRHOPE

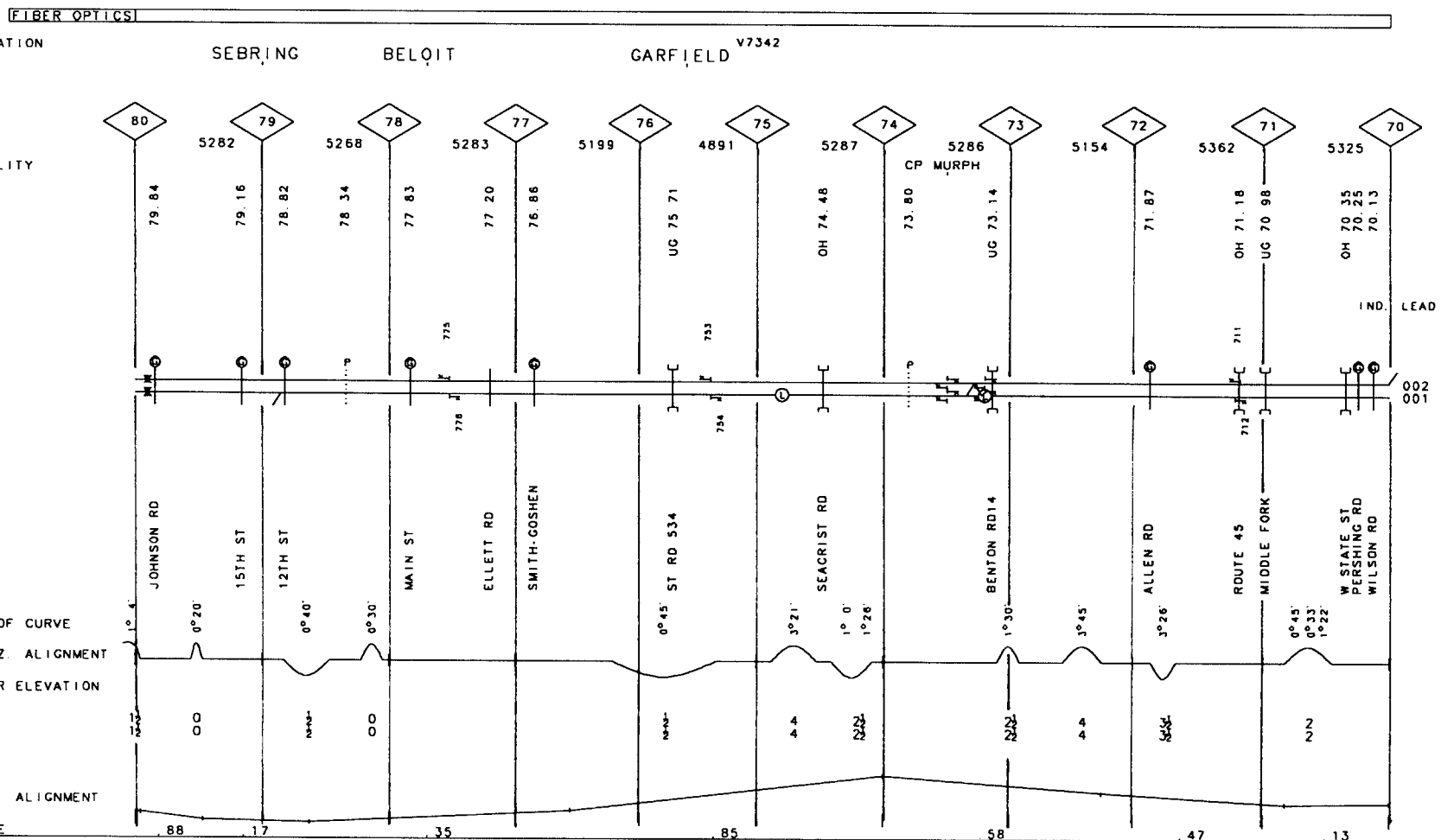
V7342
LOUISVILLE

FACILITY



IND
002
001

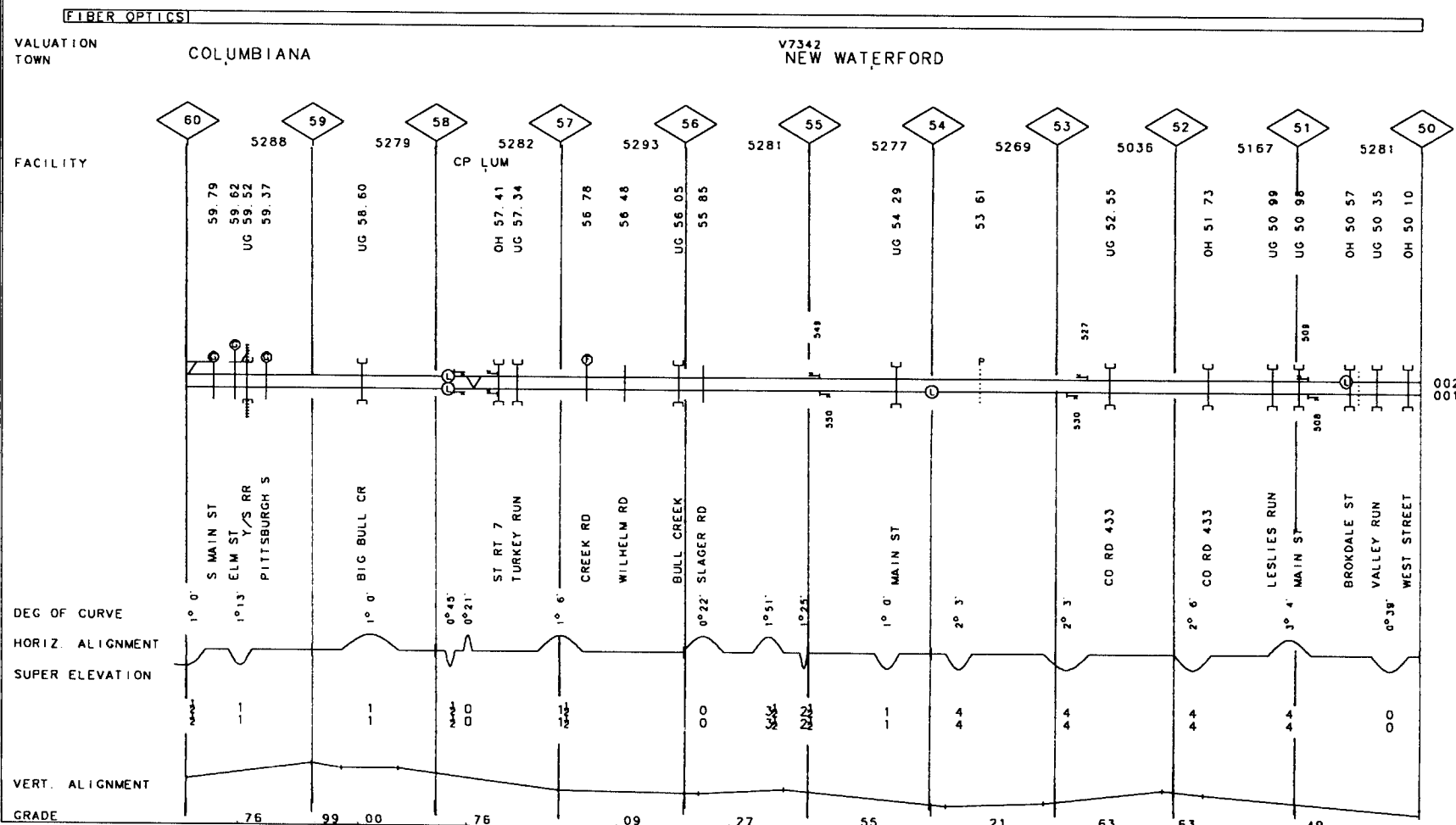




002

001



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GRINDING		97	
SURFACING		97	
TIES		97	
UNDERCUTTING			
RAIL	40-76	32-90	
BAL. CLEAN		96	
TONNAGE (MGY)		43.5	
T Y SPEED	55/50/50		55/50/50

45/45/45

002

GRINDING		97	
SURFACING		97	
TIES		97	
UNDERCUTTING			
RAIL	40-77	36-93	
BAL. CLEAN		94	
TONNAGE (MGY)		47.1	
T Y SPEED	55/50/50		55/50/50

45/45/45

001

FIBER OPTICS

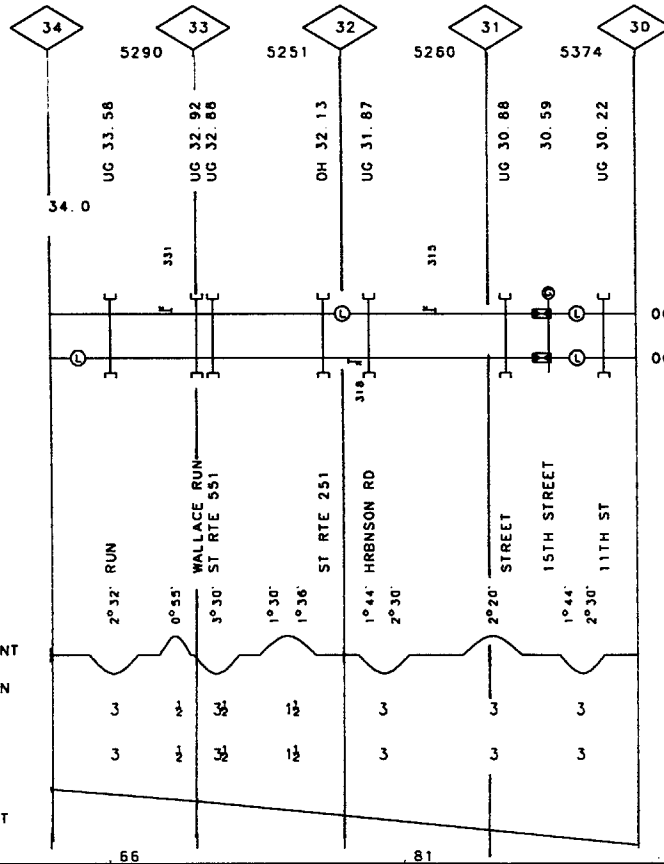
VALUATION
TOWN

MORADO

V7338

BEAVER FALLS

FACILITY



57

PA

MP 30.00

-MP

34.00

MP

01/01/98

REV.

40-2202

FORT WAYNE LINE

GRINDING	94	97	96	92	93	94	94
SURFACING							
TIES							
UNDERCUTTING							
RAIL	40-68	40-71	40-71	32-84			40-76
RAIL CLEAN	81	81	81	85			
TONNAGE(MGT)	43.5	66.8	97	78.0	74.8	73.4	24.8
T-Y SPEED	55/50/50	35/30/30	50/40/40	60/50/50	79/60/50		

55/50/50 45/45/45

GRINDING	94	94	94	94	94	94	94
SURFACING							
TIES							
UNDERCUTTING							
RAIL	31F78						
RAIL CLEAN	95						
TONNAGE(MGT)	2.0						
T-Y SPEED	30						

45/40/40 102

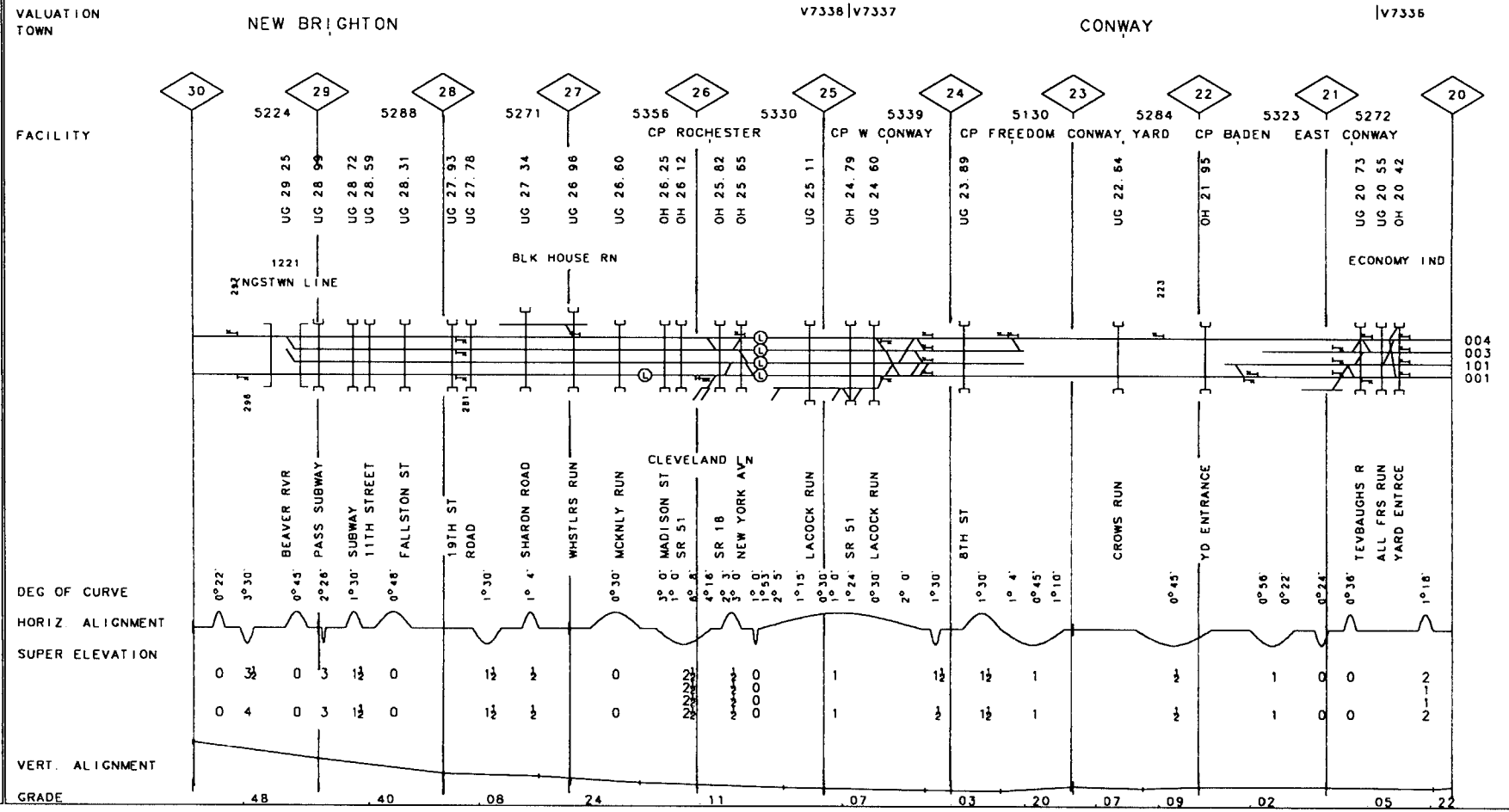
GRINDING	96	96	96	96	96	96	96
SURFACING							
TIES							
UNDERCUTTING							
RAIL	31F79						
RAIL CLEAN	95						
TONNAGE(MGT)	4.2						
T-Y SPEED	30						

101

GRINDING	95	95	95	95	95	95	95
SURFACING							
TIES							
UNDERCUTTING							
RAIL	40-71	40-71	40-71	36-93	40-71	40-84	40-65
RAIL CLEAN	94	94	94	93	97	93	94
TONNAGE(MGT)	47.1	55/50/50	35/30/30	53.9	56.6	53.6	52.6
T-Y SPEED	55/50/50	45/40/40	50/40/40	60/50/50	79/60/50		

55/50/50 45/45/45

FIBER OPTICS



GRINDING			97		
SURFACING	95			95	
TIES		97			98
UNDERCUTTING					
RAIL	V	V	32-80	V	V
BAL. CLEAN				94	
TONNAGE(MGT)	41.2		145.5		42.6
Y Y SPEED	15/15/151		30/30/30		35/30/30

002

GRINDING			40/30/30		
SURFACING	95			97	
TIES	87			92	
UNDERCUTTING					
RAIL	V	31F84	V	32-80	V
BAL. CLEAN				96	
TONNAGE(MGT)	42.9		145.2		45.5
Y Y SPEED	15/15/151		30/30/30		35/30/30

001

40/30/30

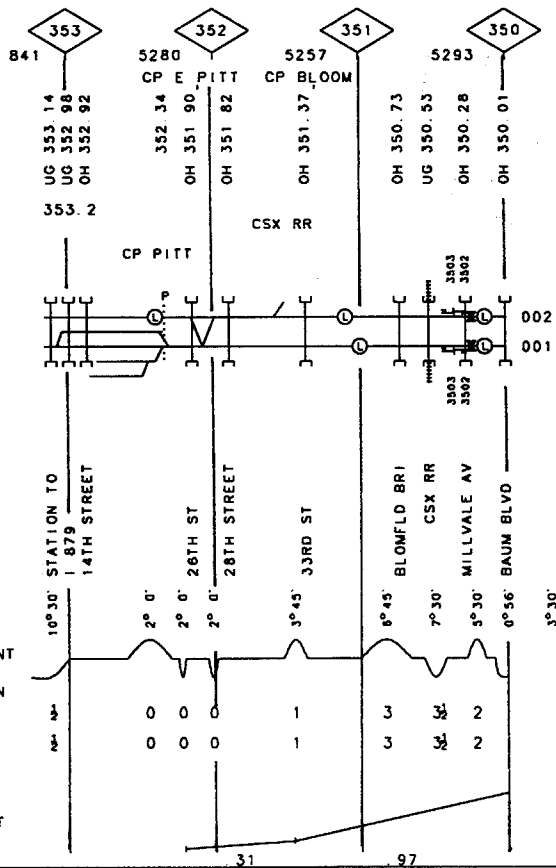
FIBER OPTICS

VALUATION
TOWN

PITTSBURGH

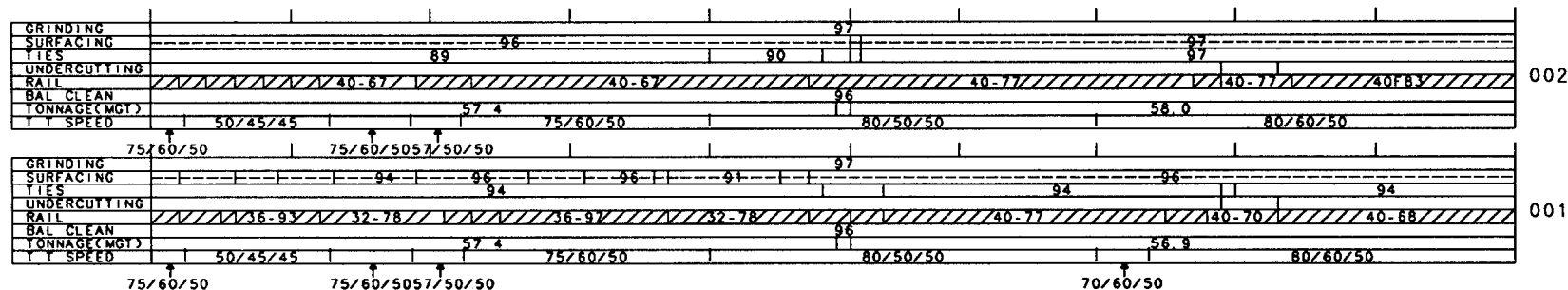
V7022

FACILITY

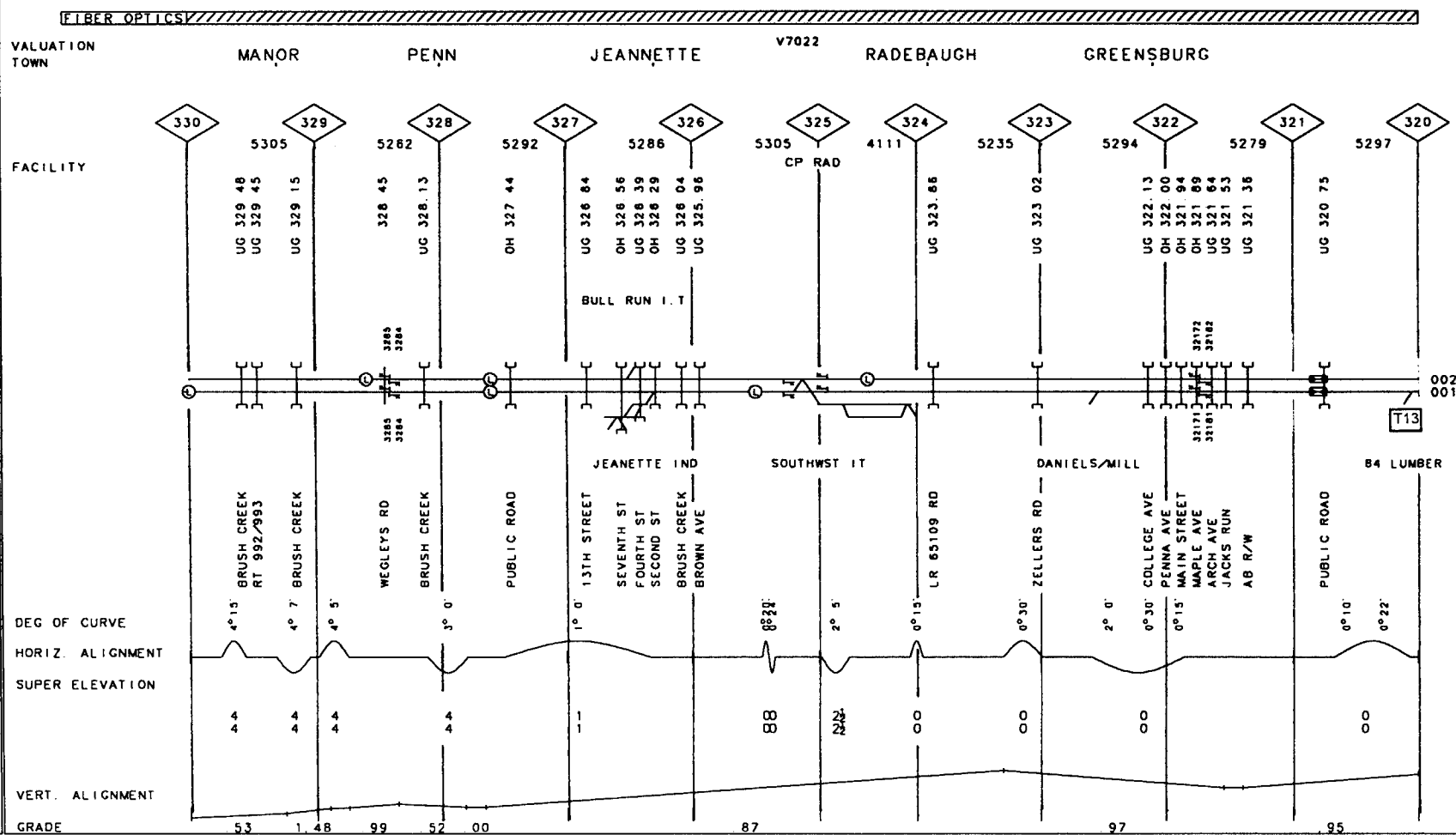


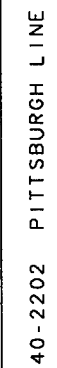
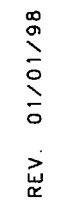
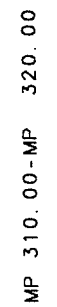
002

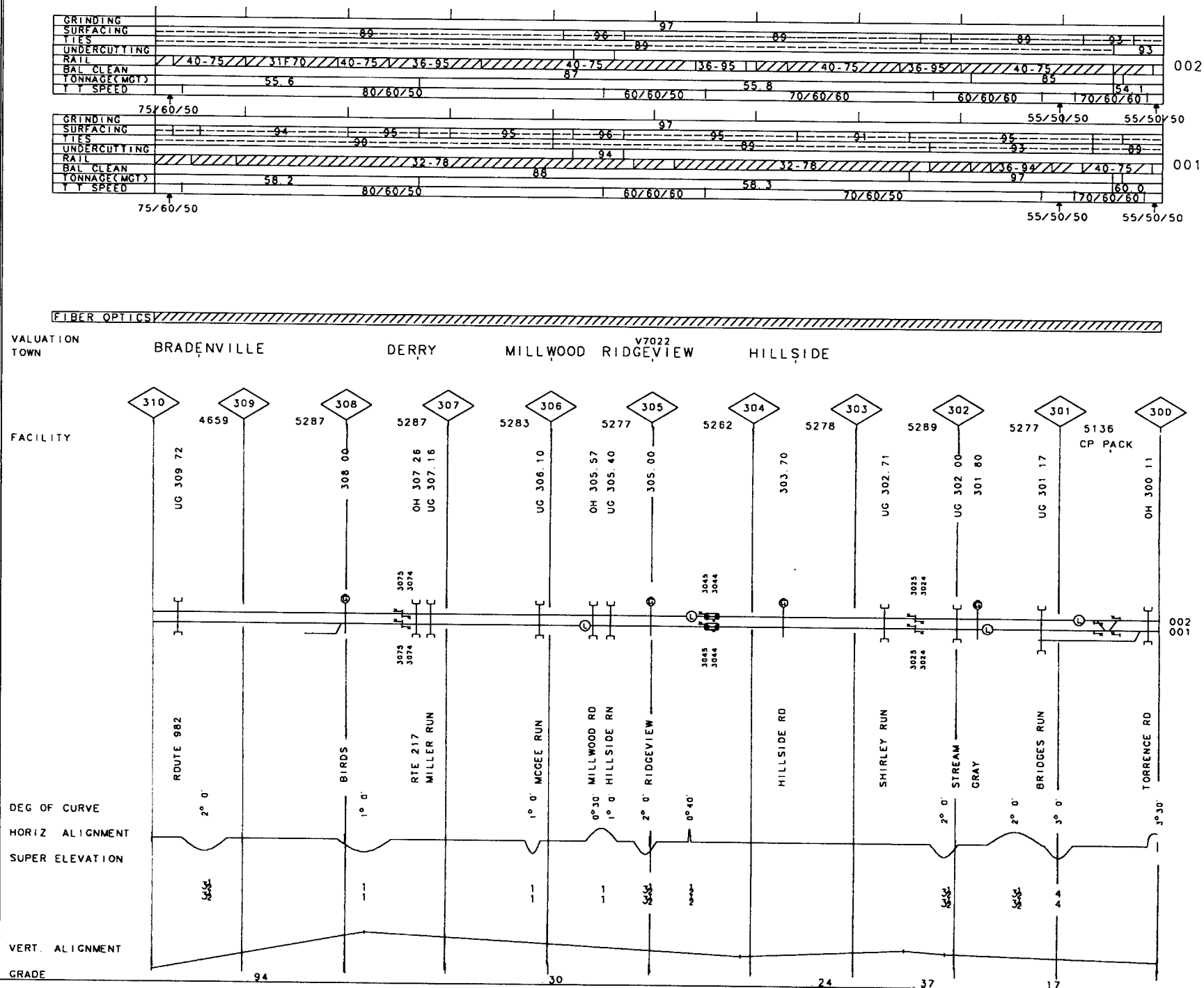
001



T13 - SPRING FROG BY CONLEY (PANELED BY POHL)







68

PA

290.20

MP 290.00-MP

REV. 01/01/98

40-2102 PITTSBURGH LINE

GRINDING	
SURFACING	
YES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	
TY SPEED	

002

GRINDING	
SURFACING	
YES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	
TY SPEED	

001

80/60/50

FIBER OPTICS///

VALUATION
TOWN

V7022

FACILITY



290.2

002
001

DEG OF CURVE

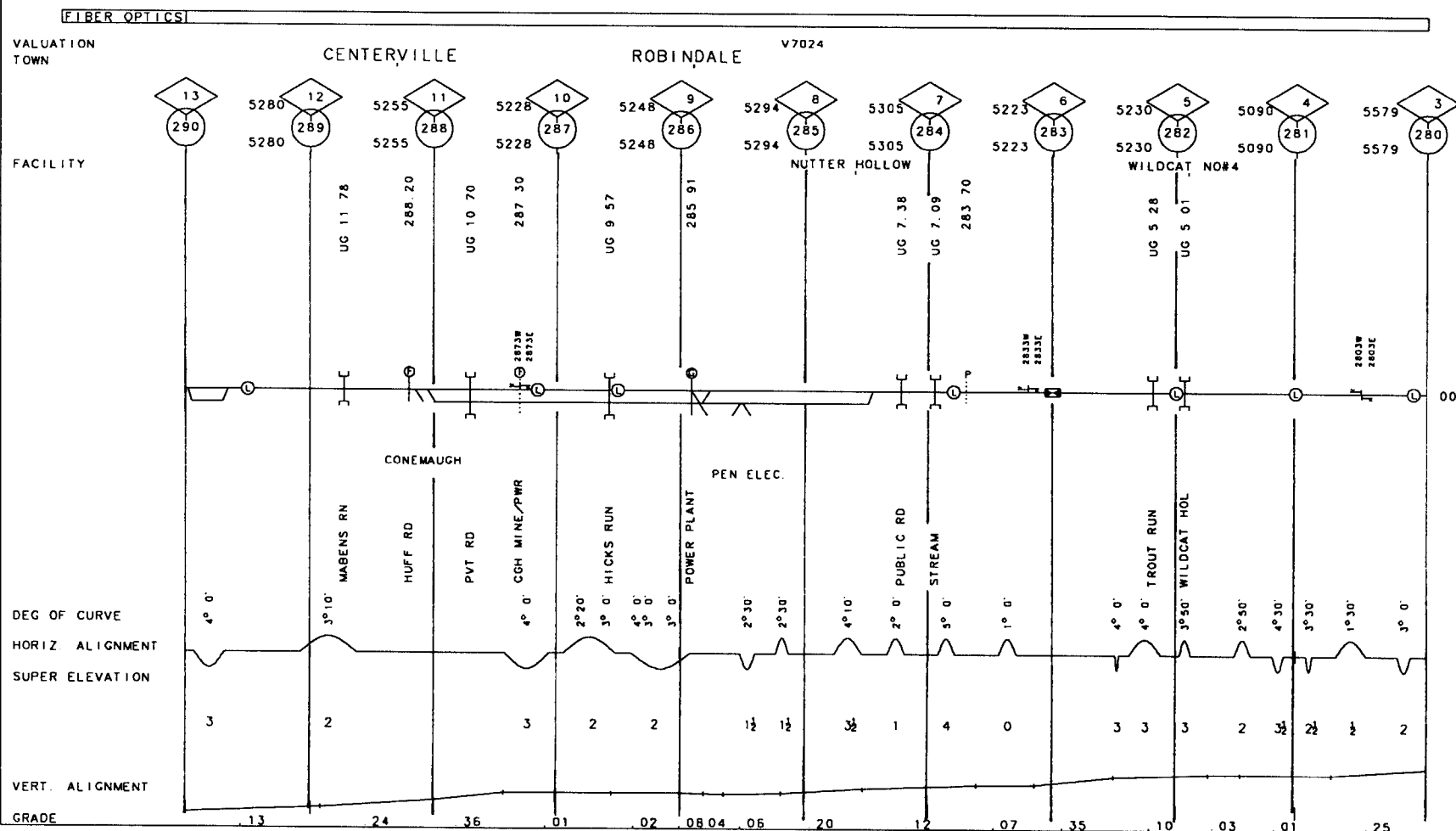
HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

.22

003

GRINDING		97
SURFACING		94
TIES		81
UNDERCUTTING		
RAIL		36.94
RAIL CLEAN		84
TONNAGE(MGT)		38.7
T T SPEED	40/40/40	35/35/35

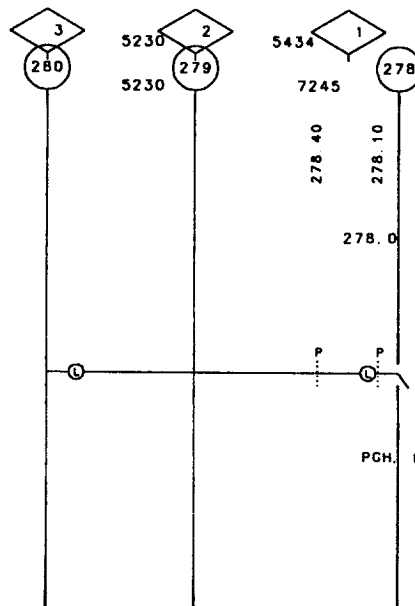
003

FIBER OPTICS

VALUATION
TOWN

V7024

FACILITY



003

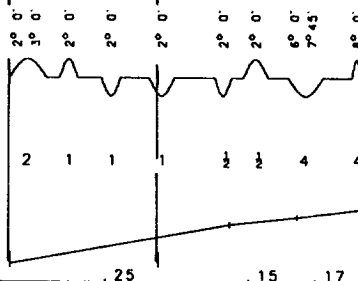
DEG OF CURVE

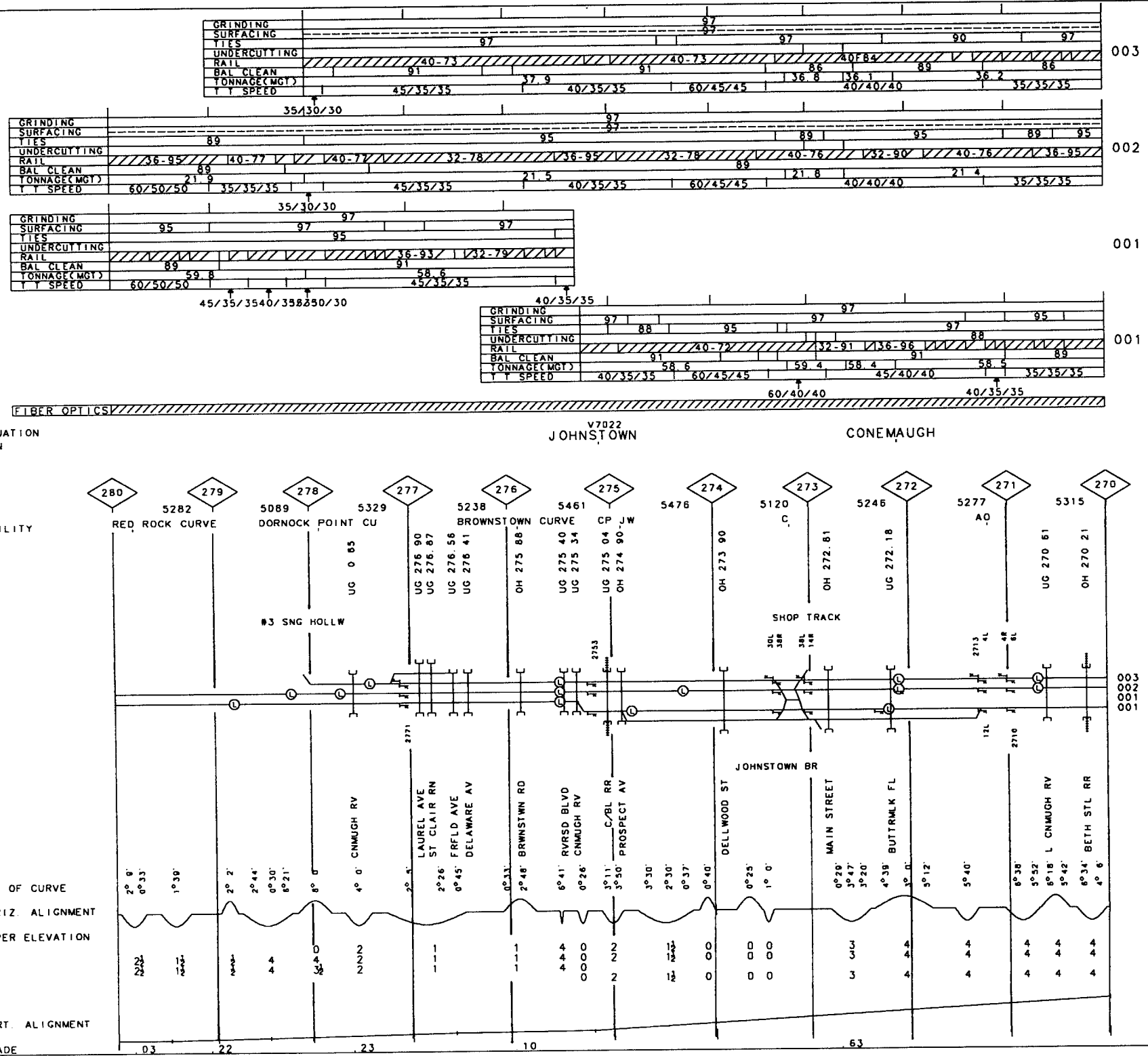
HORIZ. ALIGNMENT

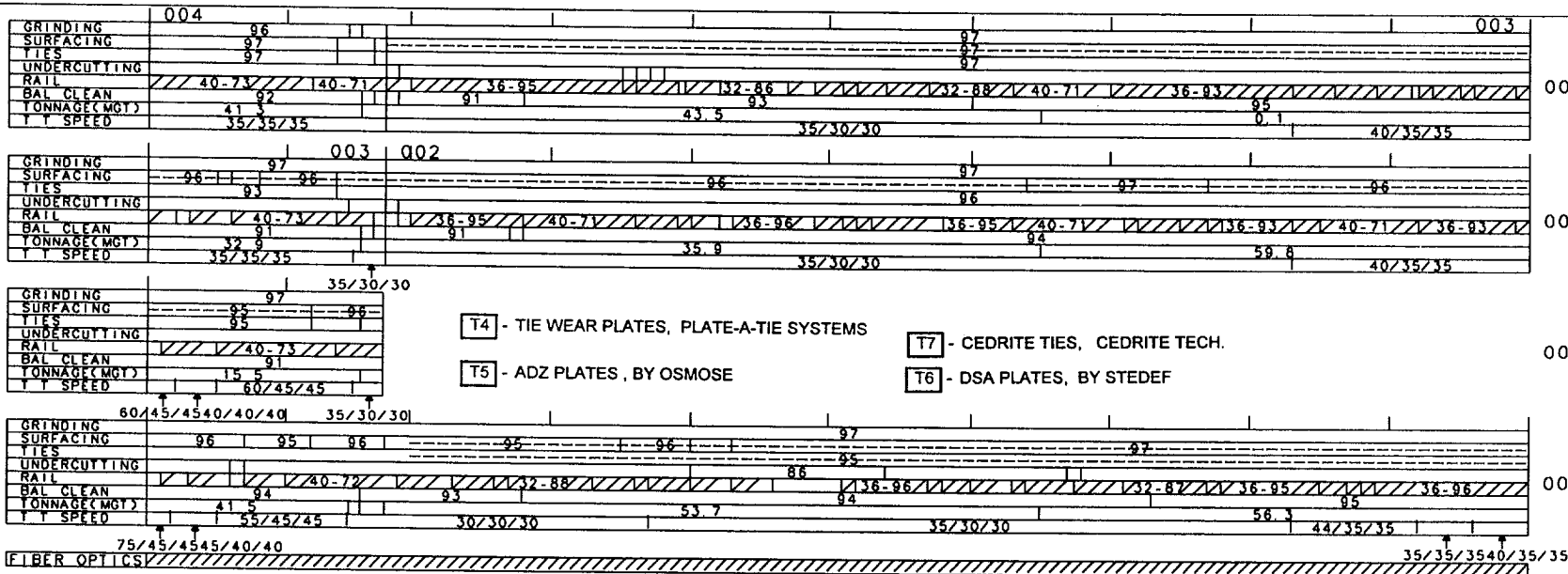
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



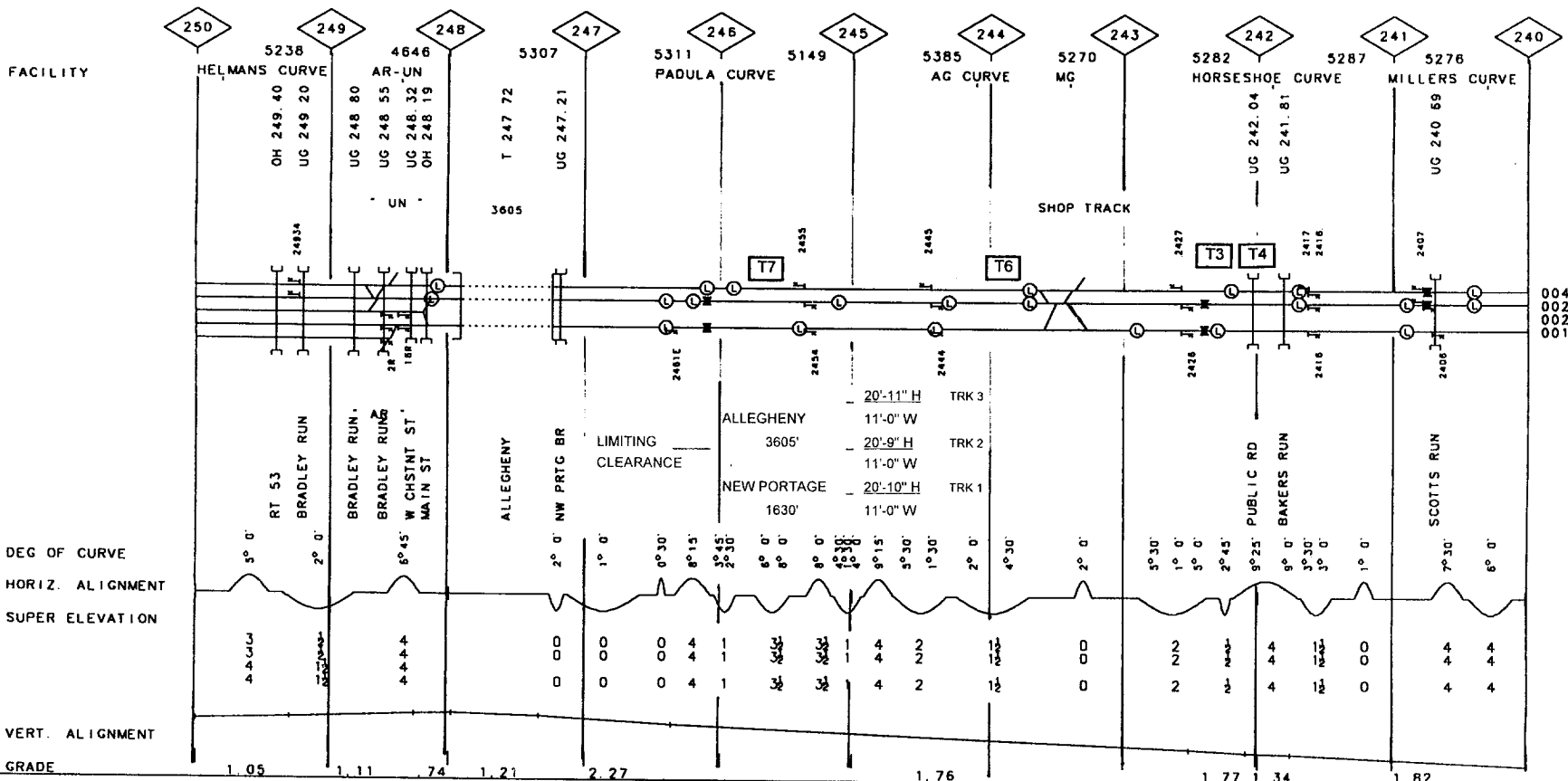


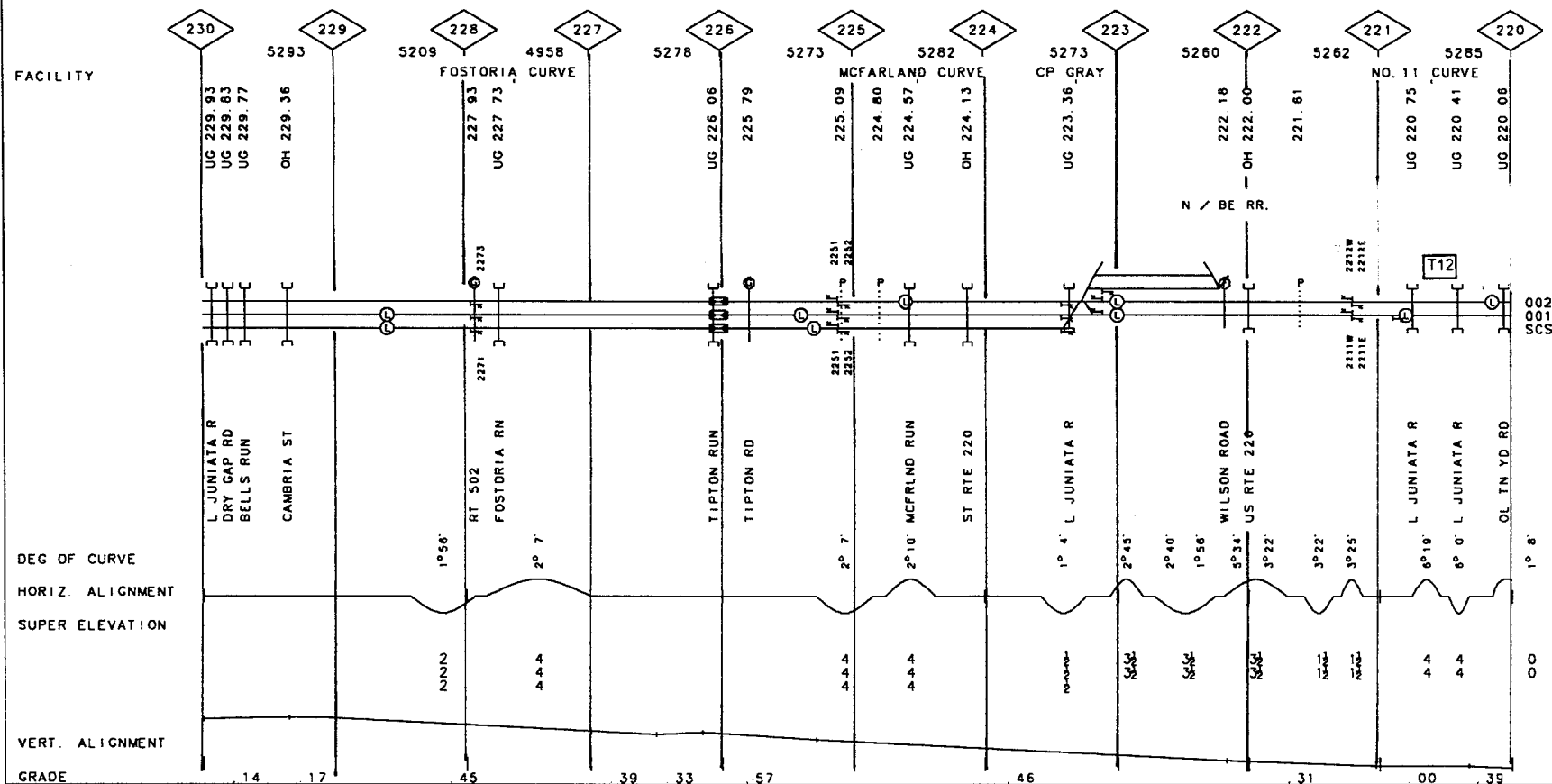


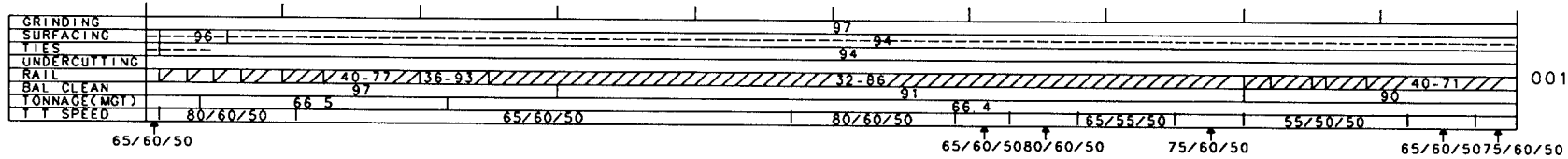
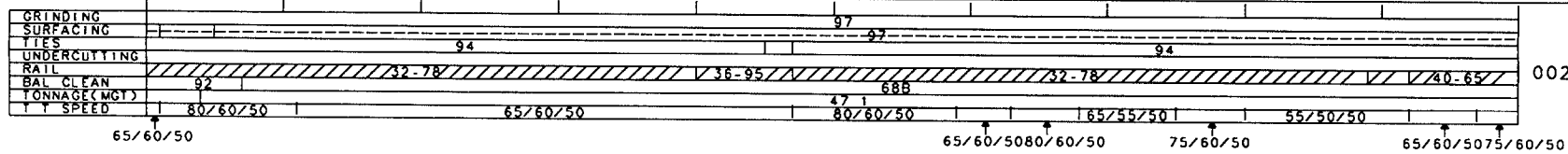
VALUATION
TOWN

GALLITZIN

V7022







FIBER OPTICS

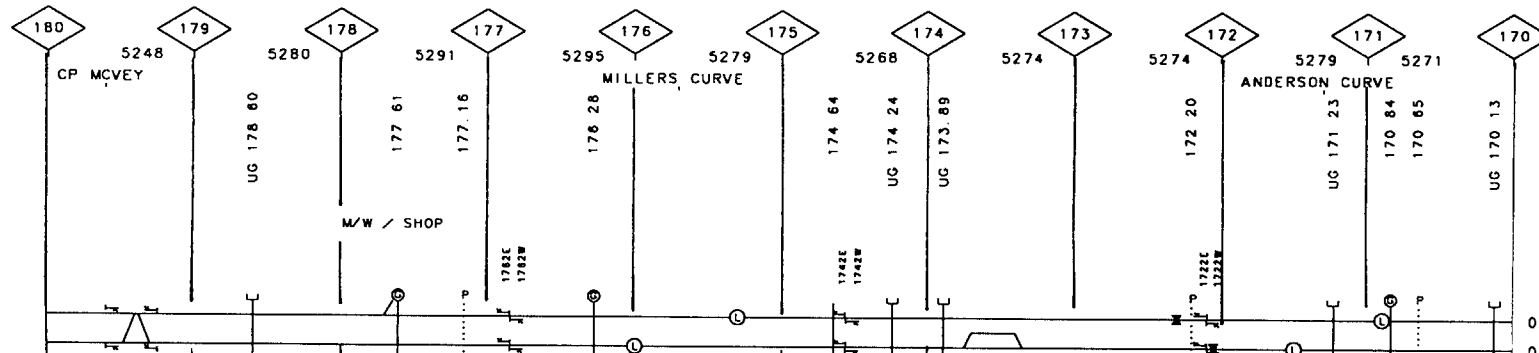
VALUATION
TOWN

MCVEY TOWN

V7012

LONGFELLOW

FACILITY



DEG OF CURVE

HORIZ ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

12

00.72 00.00

19

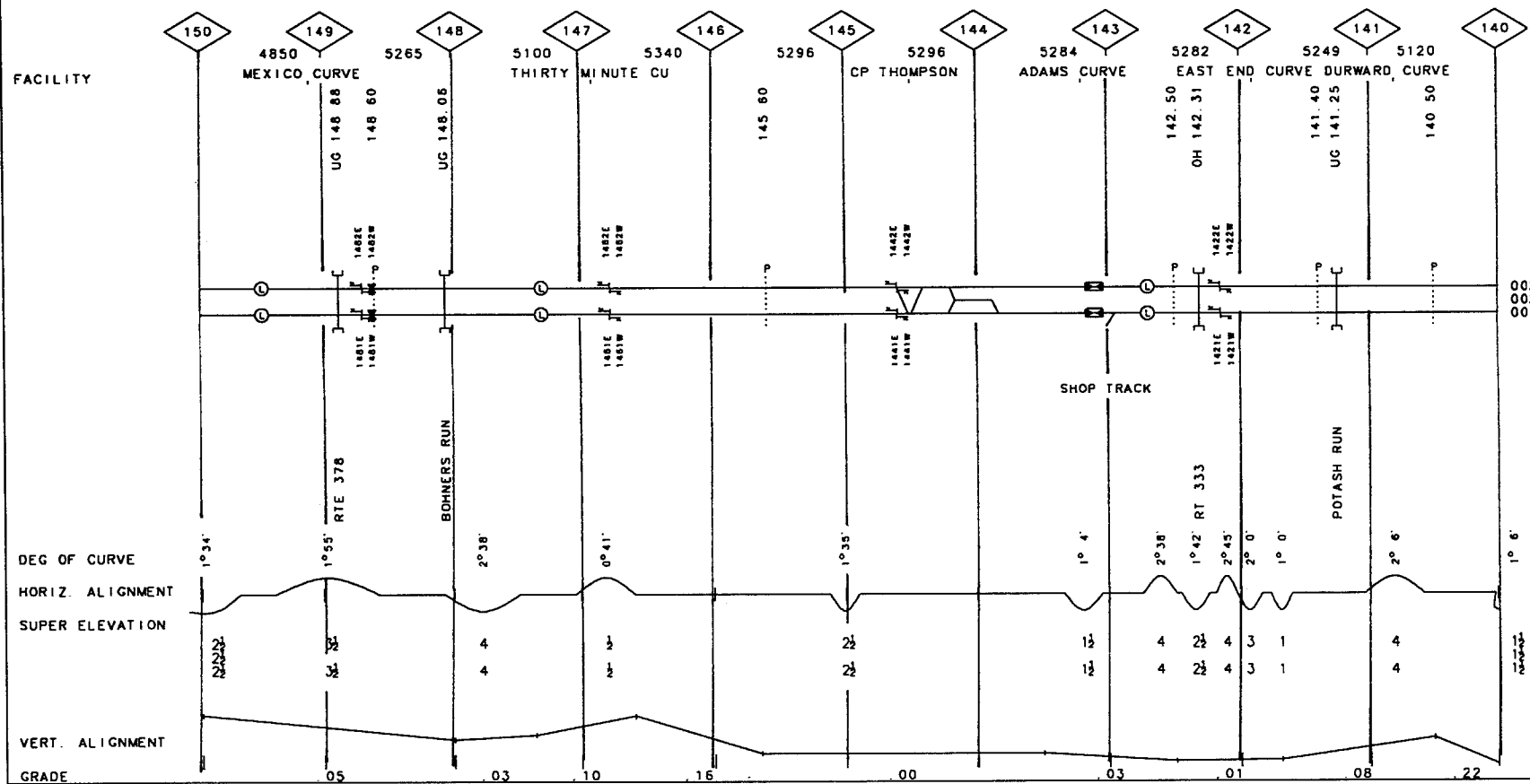
06.00

24

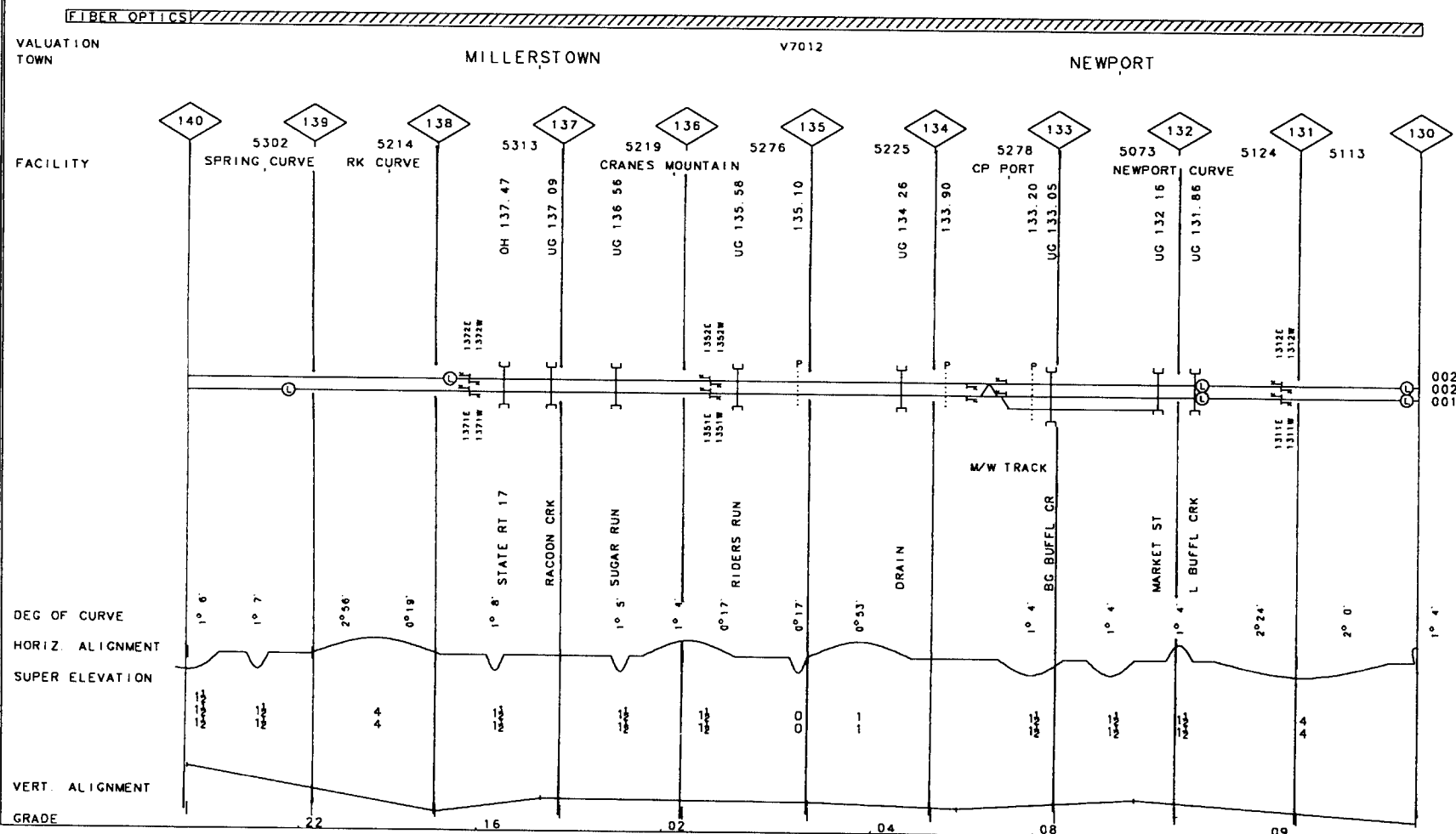
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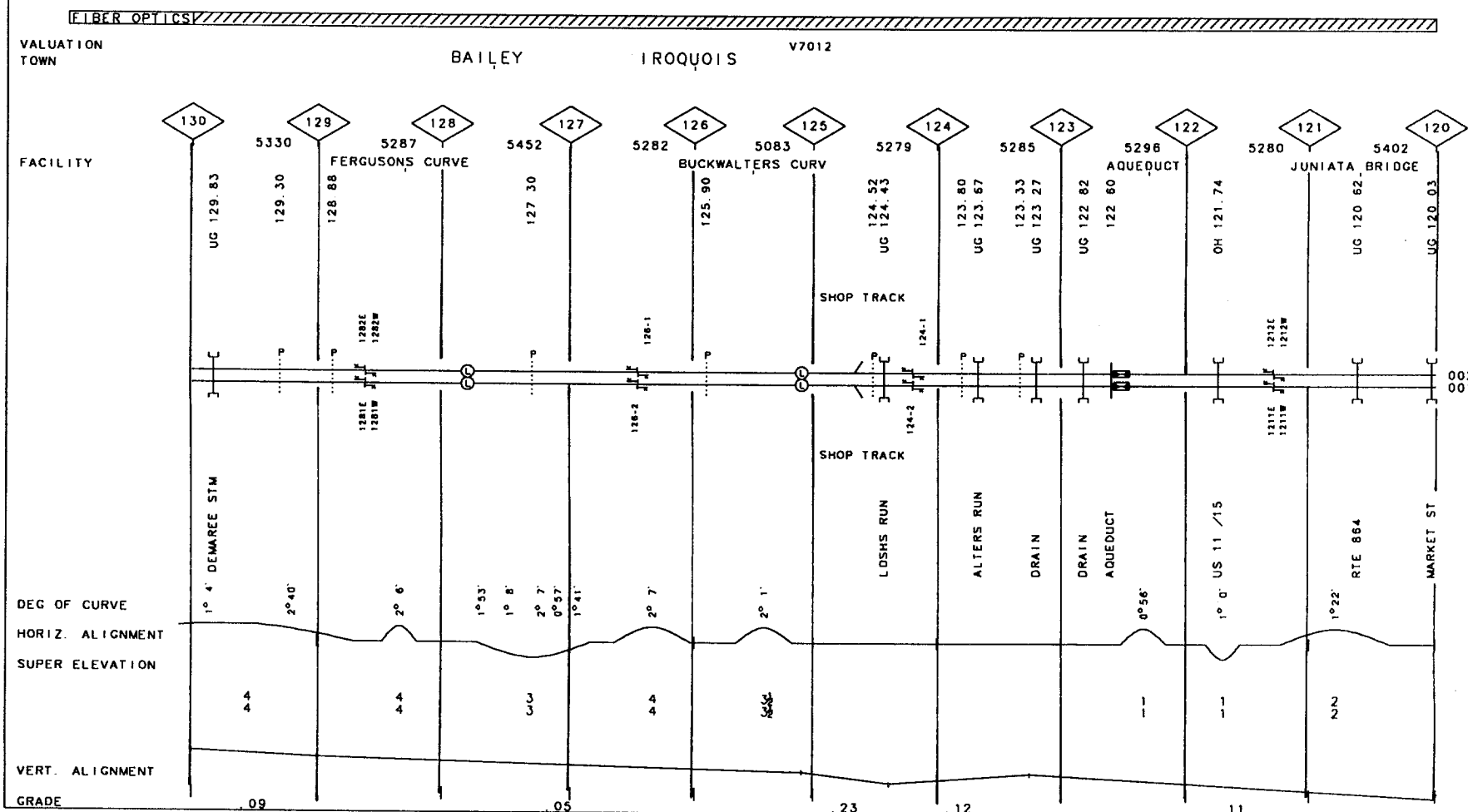
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20

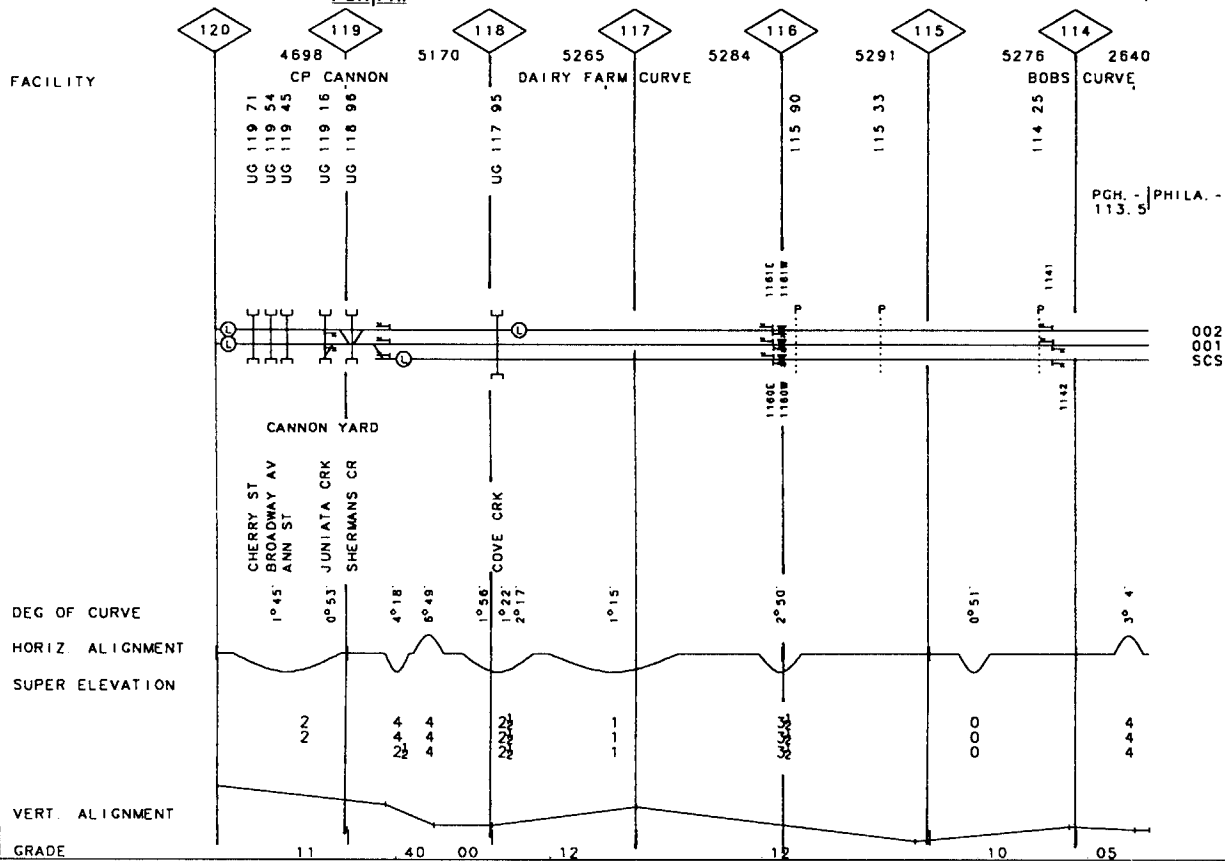


GRINDING										
SURFACING										
TIES										
UNDERCUTTING										
RAIL										
BAL. CLEAN										
TONNAGE (MGT)										
T T SPEED										
GRINDING										
SURFACING										
TIES										
UNDERCUTTING										
RAIL										
BAL. CLEAN										
TONNAGE (MGT)										
T T SPEED										





PITTSBURGH MAINTENANCE/
PHILADELPHIA OPERATIONS



GRINDING	97	96	97
SURFACING	89	96	96
TIES			
UNDERCUTTING			
RAIL			
BAL. CLEAN	85	40-77	85
TONNAGE (MGY)	4 4		14.5
T Y SPEED	40	30	40

002

GRINDING	97	97	97
SURFACING	96	96	96
TIES			
UNDERCUTTING			
RAIL			
BAL. CLEAN	97	32-80	89
TONNAGE (MGY)	19.7	97	15.4
T Y SPEED	40	40	30

001

FIBER OPTICS

VALUATION
TOWN

TUNNELTON

V7029

BLAIRSVILLE

FACILITY

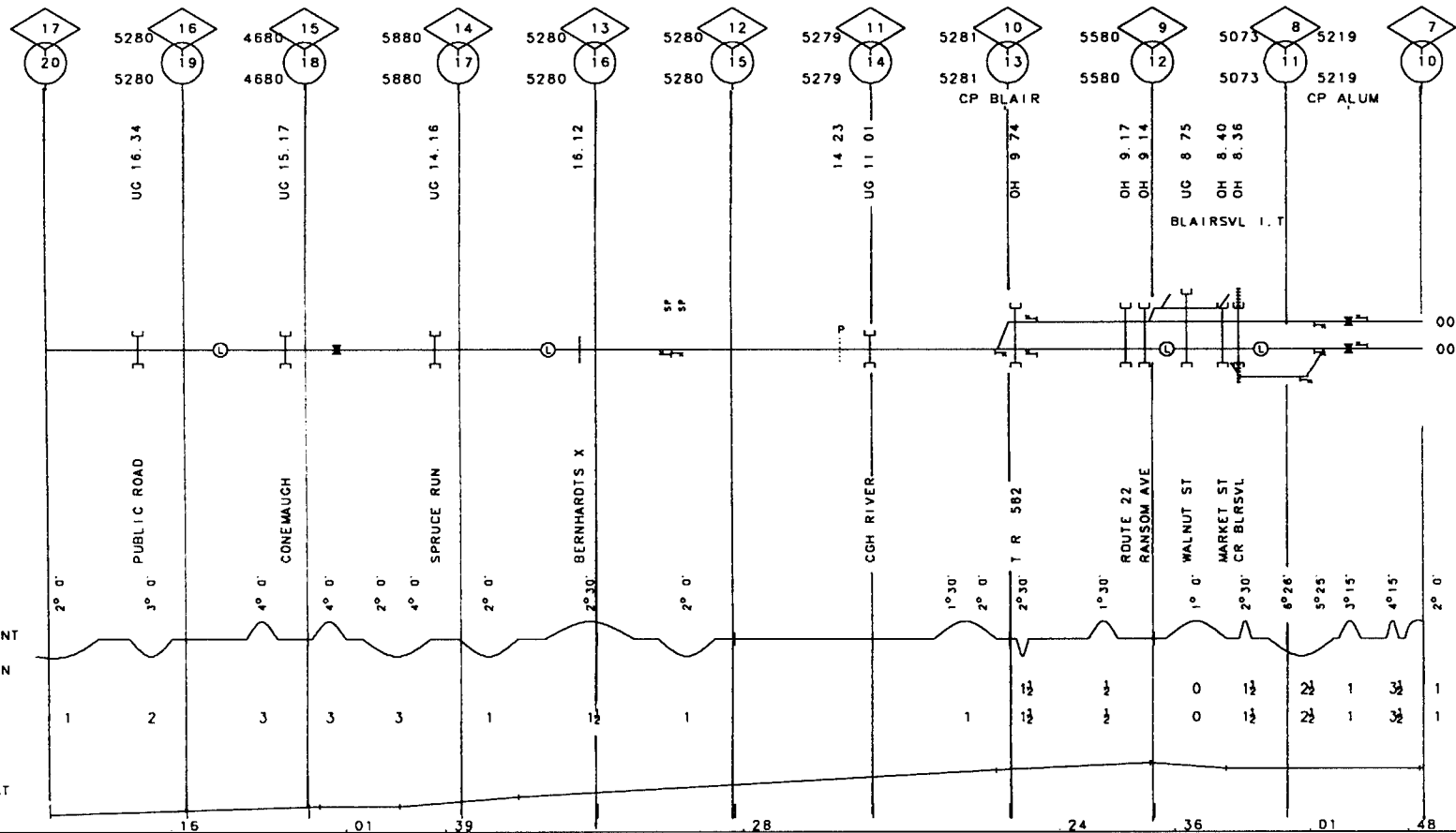
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



002

001

GRINDING	002	007		
SURFACING	97		97	
TIES	96		96	
UNDERCUTTING				
RAIL	40-77	40F82	32-89	40F82
RAIL CLEAN	85		89	
TONNAGE(MGT)	45		20	
T Y SPEED	40	35	30	35

007

GRINDING	97
SURFACING	96
TIES	96
UNDERCUTTING	
RAIL	40-77
RAIL CLEAN	97
TONNAGE(MGT)	15
T Y SPEED	40

001

FIBER OPTICS

VALUATION
TOWN

BENNETT

V7029

FACILITY

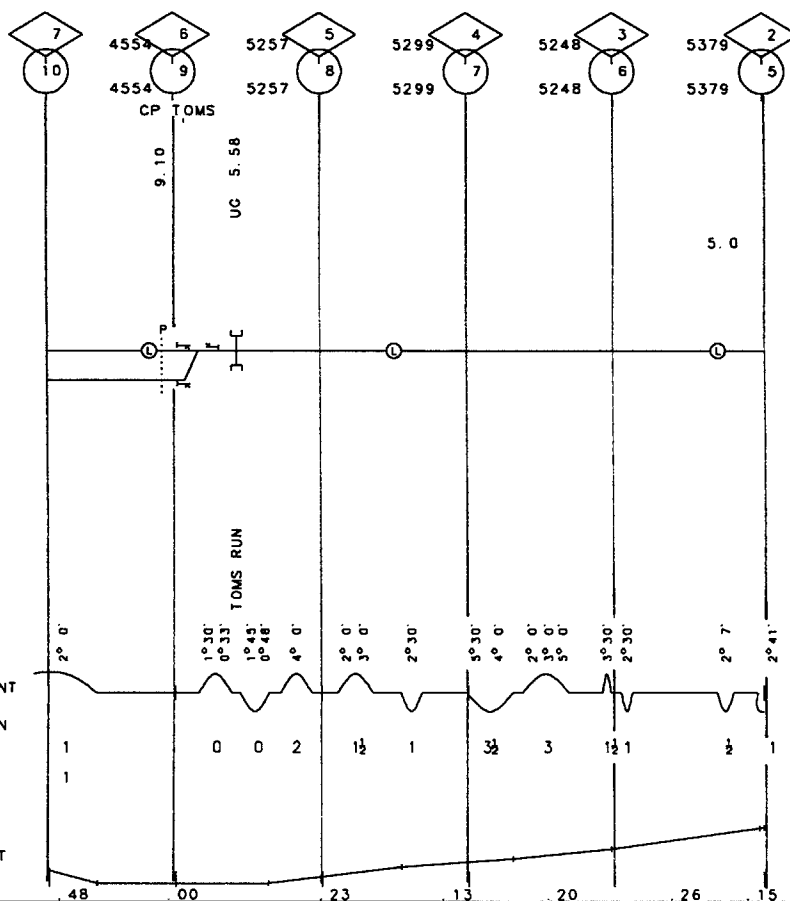
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

007
001

GRINDING		97
SURFACING		96
TIES		94
UNDERCUTTING		91
RAIL	32-69	96
BAL. CLEAN		96
TONNAGE(MGT)	41	8
T-Y SPEED	20	15

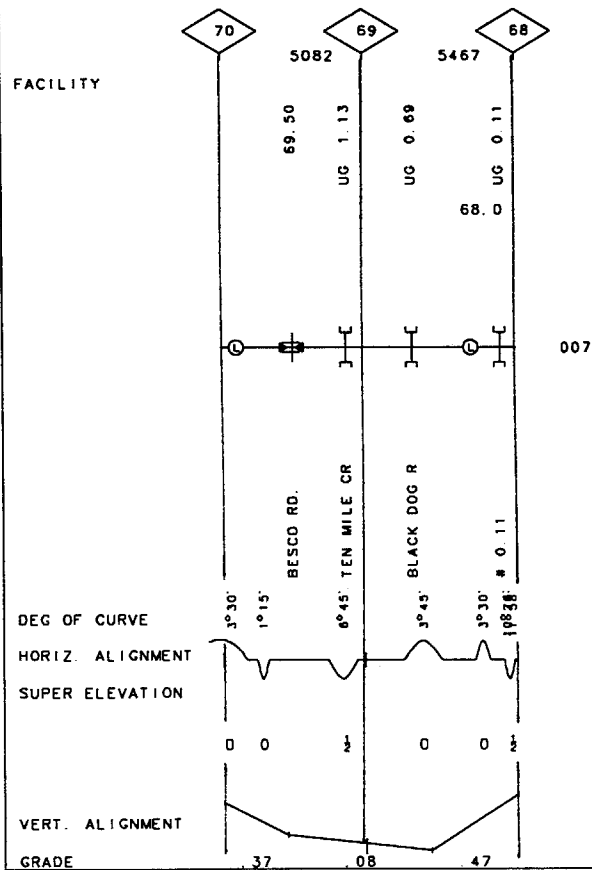
007

FIBER OPTICS

VALUATION
TOWN

V7???

FACILITY



GRINDING				007	0021		002	007		
SURFACING				97	97		97	97		97
TIES				92	86		90	86		92
UNDERCUTTING										
RAIL				36-92	36-92		32-92	32-92		
BAL CLEAN				87	87		87	87		87
TONNAGE(MGT)	53.7			55.6	30		37.8	40		55.6
TY SPEED		40						40	30	40

007

GRINDING	97
SURFACING	97
TIES	
UNDERCUTTING	
RAIL	31-92
BAL CLEAN	84
TONNAGE(MGT)	17.8
TY SPEED	30

001

FIBER OPTICS

VALUATION
TOWN

ALLENPORT

BELLE VERNON

CHARLEROI

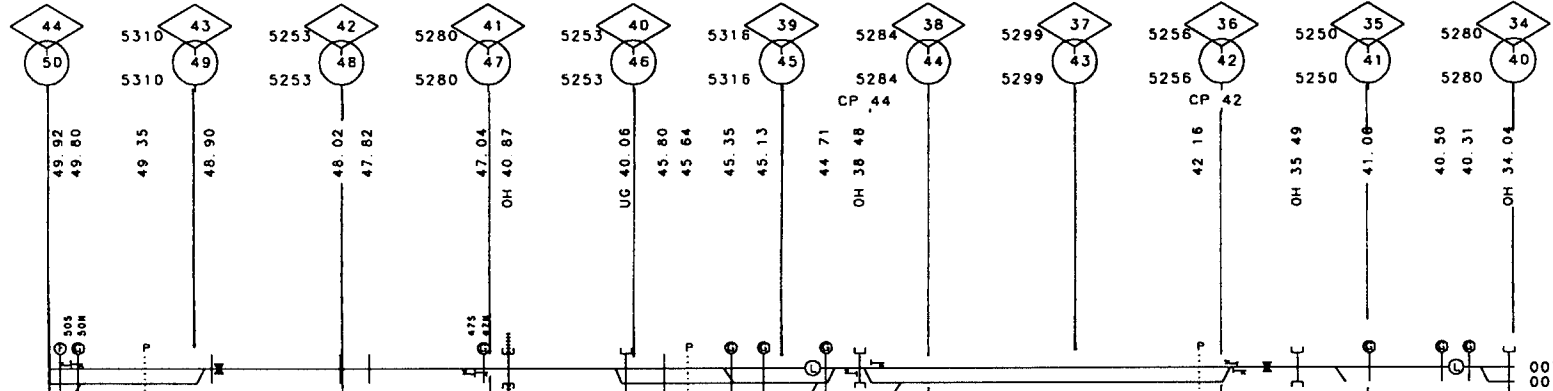
V7030

WEST MONESSEN

WEST COLUMBIA

DONORA

FACILITY

007
001

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

12 00 17 28 31 00 21 00 22 14 00 00 24 34 00 38 00 54 25 00

GRINDING	97
SURFACING	95
TIES	95
UNDERCUTTING	
RAIL	31F85
BAL CLEAN	94
TONNAGE(MGT)	24.2
T T SPEED	40

002

GRINDING	96	93		97		95		95
SURFACING								
TIES								
UNDERCUTTING								
RAIL	31F87			31F85		31F87		
BAL CLEAN								
TONNAGE(MGT)	24.1	24.7	94	24.6	25.7		97	27.8
T T SPEED				40				

002

GRINDING	93			96		97				92		96
SURFACING												
TIES												
UNDERCUTTING												
RAIL	31F87		36-96		36-96	36-95		36-96	36-95	36-96	36-95	36-96
BAL CLEAN												
TONNAGE(MGT)	38.0	37.9	37.8	37.9	40	38.0	97			40.4		
T T SPEED												

001

FIBER OPTICS

VALUATION
TOWN

SHIRE OAKS ELRAMA

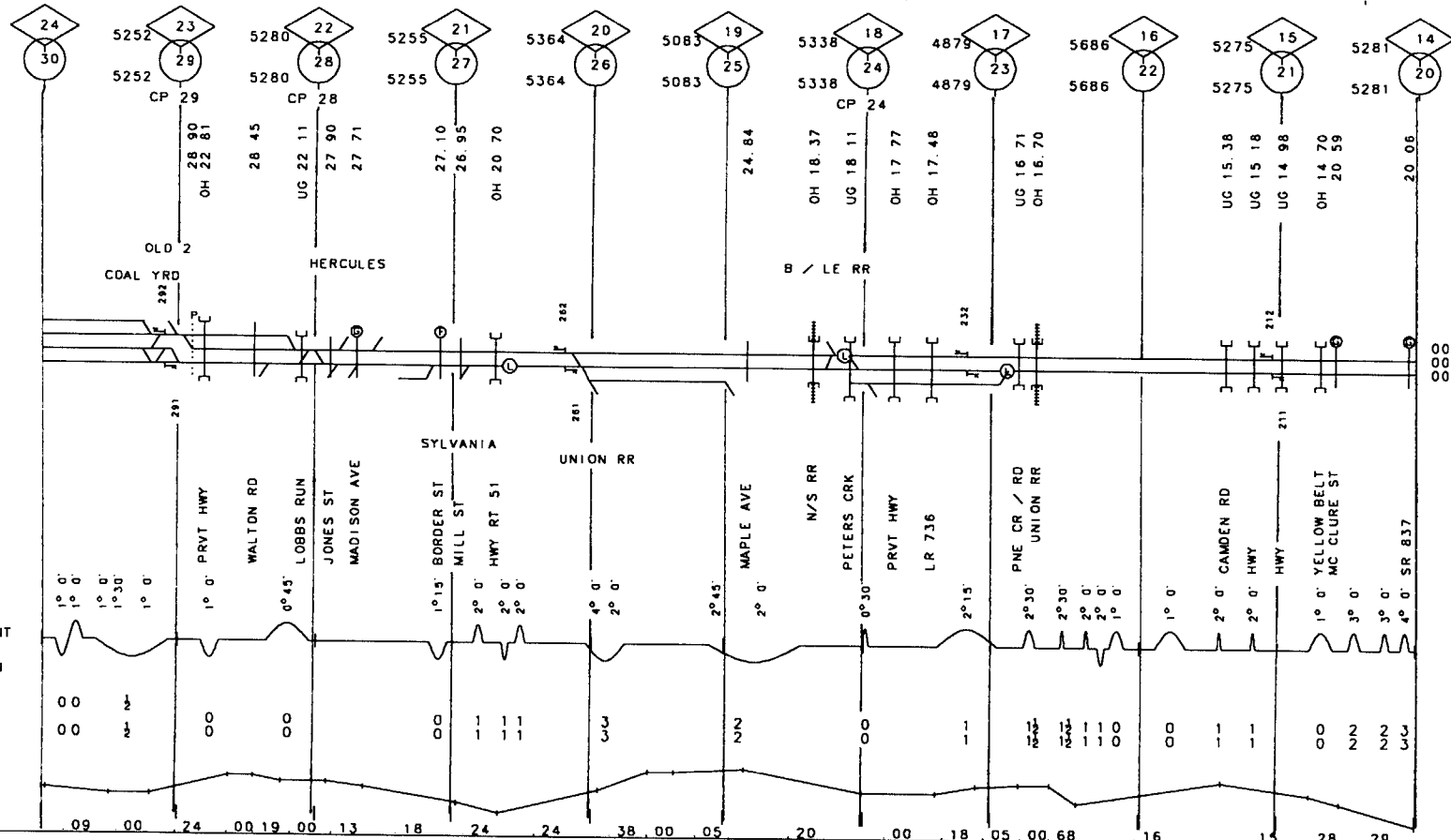
WEST ELIZABETH

V7030
CLAIRTON

PETERS CREEK

DRAVOSBURG

FACILITY

002
002
001

GRINDING		97
SURFACING		92
TIES	72	92
UNDERCUTTING		
RAIL	40F78	
BAL. CLEAN		89
TONNAGE (MGT)	13.9	13.8
TY SPEED	101	20

002

GRINDING		97
SURFACING		93
TIES	77	92
UNDERCUTTING		
RAIL	40F78	
BAL. CLEAN		96
TONNAGE (MGT)	39.2	29.2
TY SPEED		20

001

FIBER OPTICS

VALUATION
TOWN

BRIDGE V7201

FACILITY

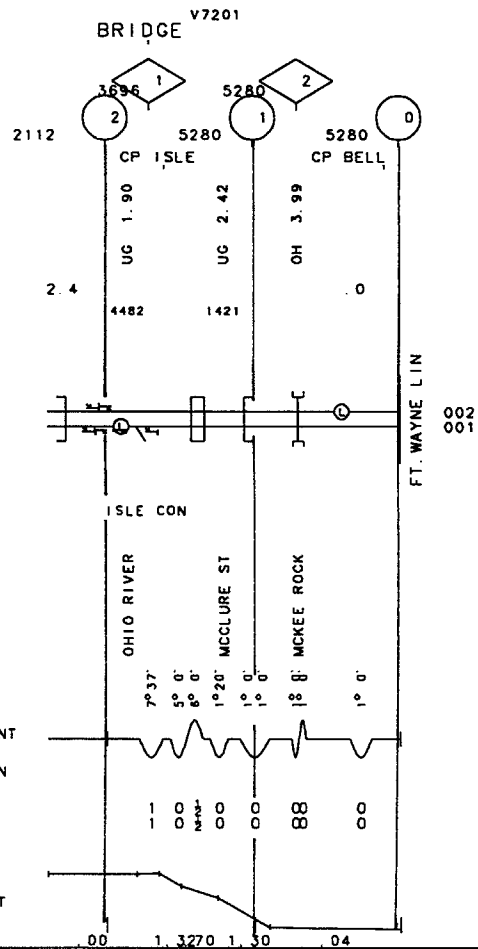
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



110

OH

60.50

-MP

60.00

MP

REV. 01/01/98

40-2231

OMAL R. T.

GRINDING	
SURFACING	93
TIES	93
UNDERCUTTING	
RAIL	00-48
BAL CLEAN	685
TONNAGE(MGT)	
T T SPEED	10

007

FIBER OPTICS

VALUATION
TOWN

V7240

FACILITY

2390

60

UG 60 38

60 5

OWNED BY
ORMET CORP

007

LITTLE RUN

DEG OF CURVE

2°57' 3°10'

HORIZ. ALIGNMENT

SUPER ELEVATION

0 0

VERT. ALIGNMENT

GRADE

00 26

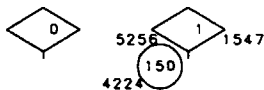
GRINDING	
SURFACING	88
TIES	88
UNDERCUTTING	
RAIL	00-23
BAL. CLEAN	95
TONNAGE (MGT)	37
T.Y. SPEED	20

007

FIBER OPTICS

VALUATION
TOWN

V2240
COALBURG



FACILITY

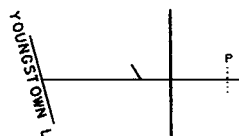
CP 52

149.60

150.8

149.5

COALBURG CON

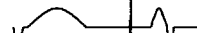


007

DEG OF CURVE



HORIZ ALIGNMENT



SUPER ELEVATION



2 2 22

VERT. ALIGNMENT



GRADE

80 52 01 00

GRINDING	73(1)	74(2)	84
SURFACING		87	
TIES		87	
UNDERCUTTING			
RAIL	32-51	15-50	32-55 12-45 32-66
RAIL CLEAN		87	87
TONNAGE (MGY)		0.2	
T-Y SPEED	25		20

007

FIBER OPTICS

VALUATION
TOWN

TRANSFER

V8385

SHENANGO

FACILITY

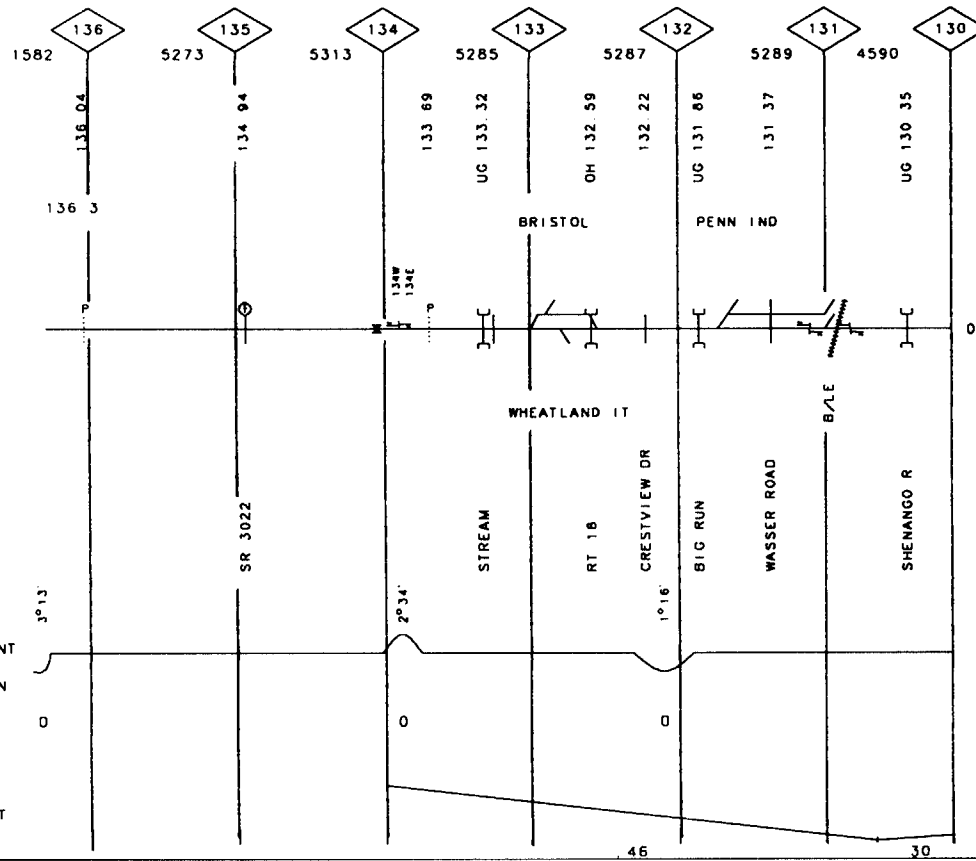
DEG OF CURVE

HORIZ ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



007

GRINDING	84	74(1)	75(1)	84	84
SURFACING				87	
TIES				87	
UNDERCUTTING	32-66	32-68	32-67	32-66	32-66
RAIL					
BAL. CLEAN				87	
TONNAGE (MGT)				0.5	
T. SPEED	20		25		40

007

FIBER OPTICS

VALUATION
TOWN

GREEN

WEST AMA SA

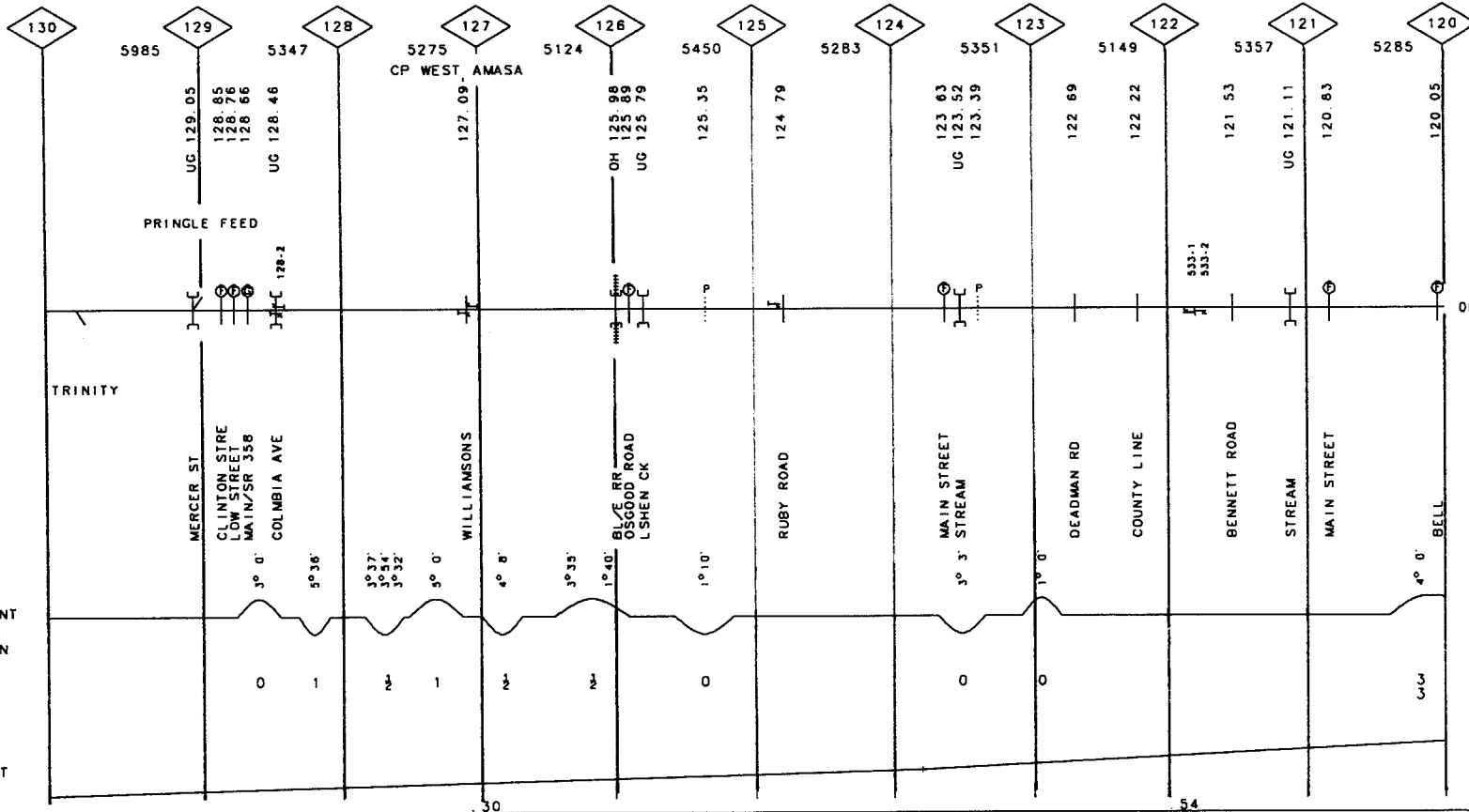
AMA SA

V8385

KENNARD

ATLANTIC

FACILITY



007

GRINDING	84	87	84	75(1)	74(1)	71(1)
SURFACING		87			86C	
TIES				68	82	
UNDERCUTTING						
RAIL	31F65	32-68	32-68	32-67	12-40	115-50
BAL. CLEAN		87			70S	65S
TONNAGE(MGT)	0.7		2.1			
TY SPEED		40		30	10	

007

FIBER OPTICS

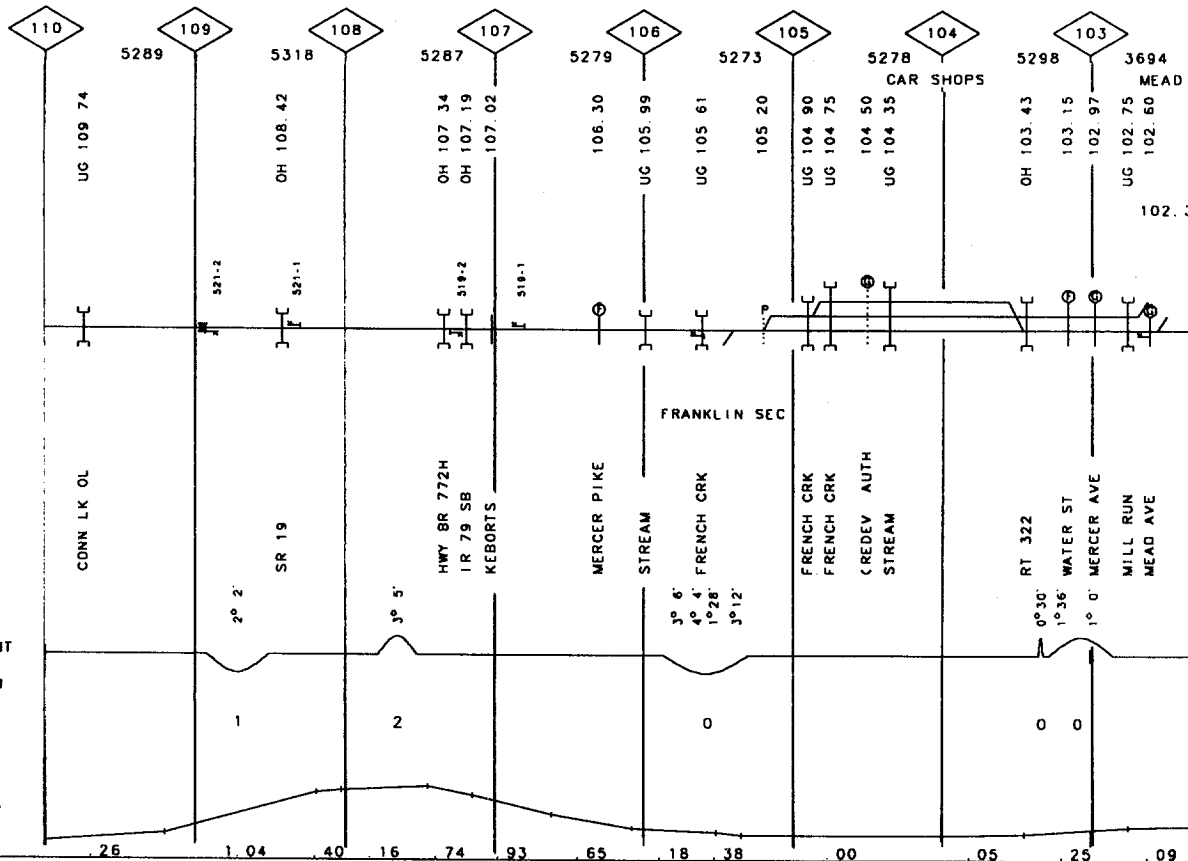
VALUATION
TOWN

V8385

FRENCH

MEADVILLE

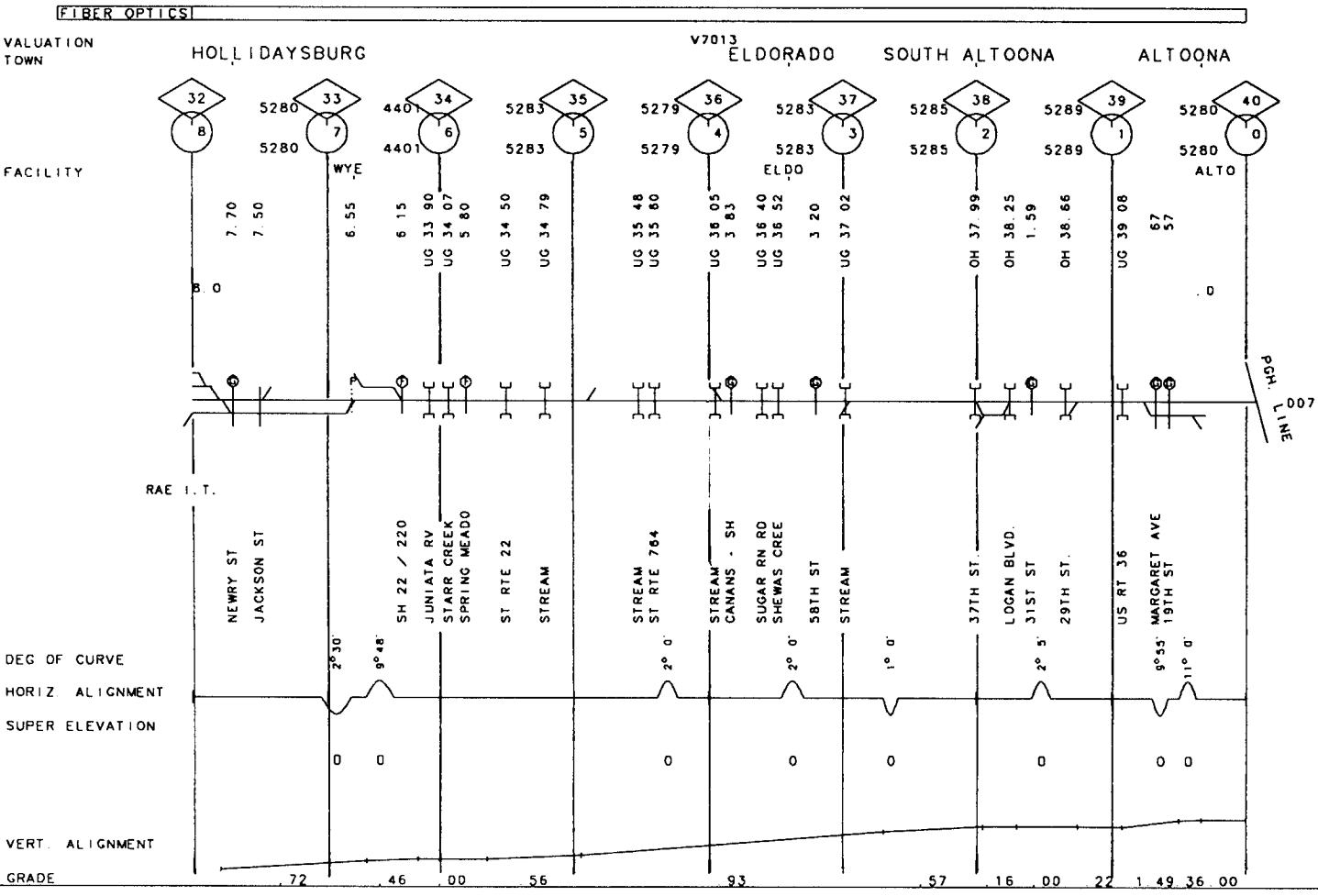
FACILITY



007
007

GRINDING									
SURFACING									90
TIES									90
UNDERCUTTING									
RAIL	25-26	30C45	30-41F	125-24F	30-29F	30C24	30C28		
BAL. CLEAN									
TONNAGE (MGT)					1.4				
T T SPEED					10				

007



GRINDING	
SURFACING	
TIES	46
UNDERCUTTING	
RAIL	30C46 125-29F 30C41 130-45 130-50
BAL CLEAN	
TONNAGE(MGT)	
T T SPEED	10

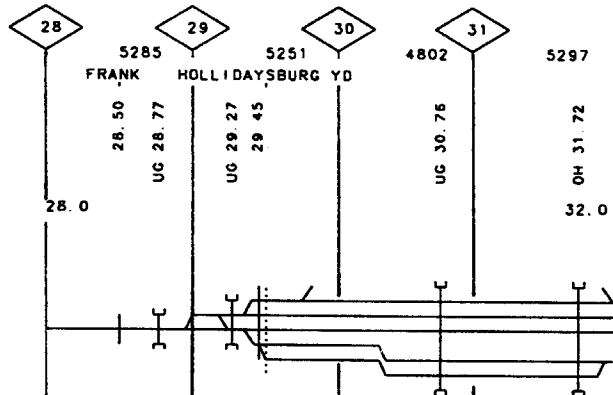
007

FIBER OPTICS

VALUATION
TOWN

V7013
FRANKSTOWN

FACILITY



007

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

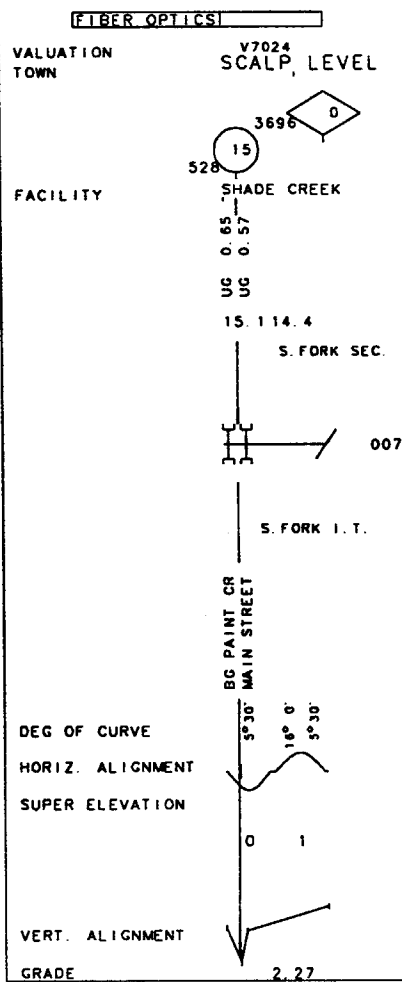
VERT. ALIGNMENT

GRADE

20 30 11.00 27.00 54 20.00

GRINDING	94
SURFACING	93
TIES	87
UNDERCUTTING	
RAIL	27F92
BAL. CLEAN	
TONNAGE (MGY)	1.3
T. SPEED	15

007



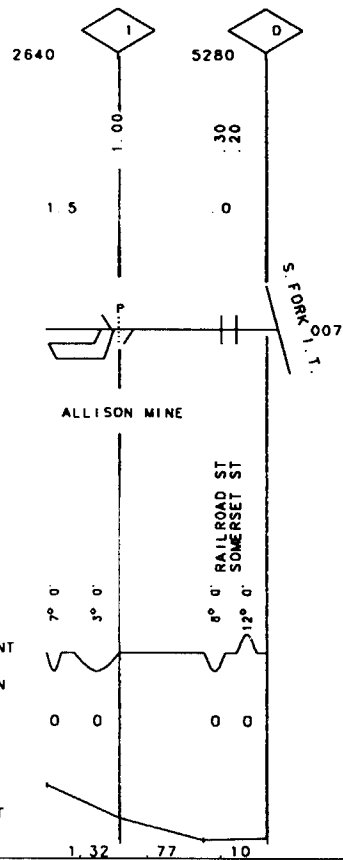
GRINDING		
SURFACING	87	
TIES	69	
UNDERCUTTING		
RAIL	00F31	30C41
BAL. CLEAN		
TONNAGE (MGY)	0 4	0 1
TY SPEED	10	

007

FIBER OPTICS

VALUATION
TOWNV7024
WINDBER

FACILITY



GRINDING	
SURFACING	82
TIES	82
UNDERCUTTING	
RAIL	27F94
BAL. CLEAN	
TONNAGE (MGY)	1 6 1 5
T T SPEED	10

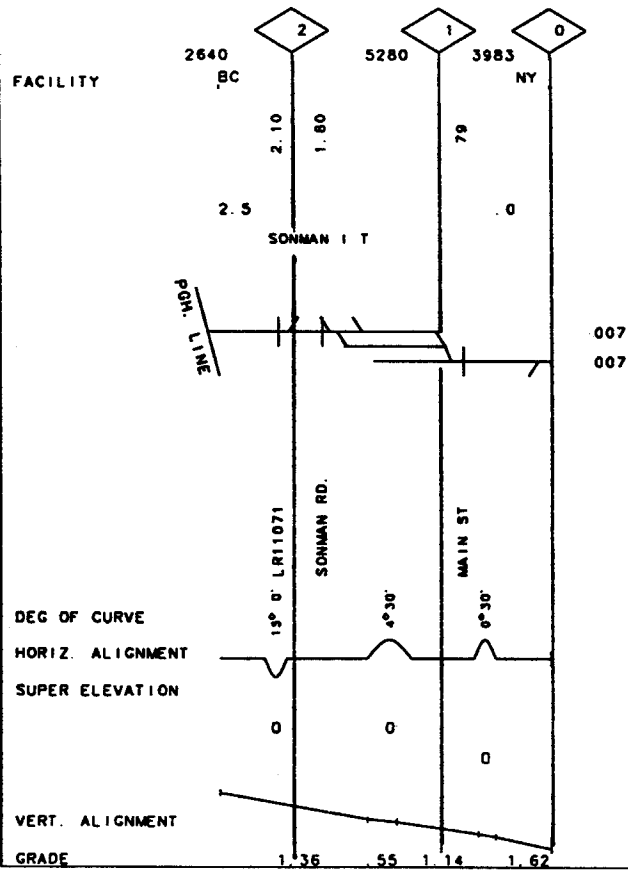
007

GRINDING	
SURFACING	82
TIES	82
UNDERCUTTING	
RAIL	27F94
BAL. CLEAN	
TONNAGE (MGY)	1 6
T T SPEED	10

007

FIBER OPTICS

VALUATION TOWN SONMAN V7024 PORTAGE



GRINDING	
SURFACING	58
TIES	
UNDERCUTTING	
RAIL CLEAN	40C64
TONNAGE(MGT)	4 8 75L
TY SPEED	10

007

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