



MAINTENANCE PROGRAM
AND

TRACK CHART

CENTRAL REGION
YOUNGSTOWN DIVISION

1986

CONRAIL

ENGINEERING DEPT.



LINE NAME	BETWEEN	M. P. TO M. P.	CODE	STATE	PAGE
CLEVELAND LINE	ALLIANCE & HUDSON	67.0- 98.0	25-2412	OH	31- 34
FORT WAYNE LINE	WOOD & STATE LINE	34.0- 48.8	25-2402	PA	1- 2
FORT WAYNE LINE	STATE LINE & BUCYRUS	48.8-200.6	25-2402	OH	2- 18
FORT WAYNE LINE	BUCYRUS & STATE LINE	200.6-300.4	25-3102	OH	19- 29
FORT WAYNE LINE	STATE LINE & ADAMS	300.4-314.0	25-3102	IN	29- 30
MEADVILLE LINE	"CM" & PYMATUNING	56.3-136.3	25-6501	PA	41- 49
MEADVILLE LINE	PYMATUNING & OH/PA STATE LINE	136.3-144.3	25-6502	PA	50- 51
MEADVILLE LINE	PA/OH STATE LINE & CP HUBBARD	144.3-149.5	25-6502	OH	51- 51
MEADVILLE LINE	CP HUBBARD & CP52	149.5-150.8	25-2443	OH	52- 52
PYMATUNING LINE	SN JUNCTION & YOUNGSTOWN	49.6- 66.4	25-6502	OH	53- 55
PYMATUNING LINE	YOUNGSTOWN & CP HUBBARD	67.9- 74.6	25-6502	OH	56- 56
YOUNGSTOWN LINE	ASHTABULA & CP 56	0.0- 56.3	25-2440	OH	35- 40
AKRON BR.	ARLINGTON & WARWICK	11.6- 27.2	25-2421	OH	70- 71
AKRON SEC.	HUDSON & ARLINGTON	0.0- 11.6	25-2421	OH	69- 70
AKRON SEC.	WARWICK & ORAVILLE	27.2- 35.0	25-2421	OH	71- 72
ASHLAND SEC.	BURBANK & WEST SALEM	231.6-237.2	25-6601	OH	137-137
AUSTINTOWN I.T.	BRIER HILL & MERIDIAN RD.	0.0- 4.8	25-6556	OH	128-128
BAYARD BR.	RIVER & BAYARD	26.6- 54.6	25-2430	OH	92- 95
BENTON I.T.	ALLIANCE	22.9- 24.7	25-2445	OH	118-118
CANFIELD I.T.	HASELTON & Y&S CONN.	0.0- 2.5	25-2462	OH	120-120
CASTLE I.T.	CASTLE & NEW CASTLE	46.6- 51.3	25-2434	PA	91- 91
CLARION SEC.	DORSET JCT. & STATE LINE	14.8- 29.3	25-2441	OH	102-103
CLARION SEC.	STATE LINE & STONEBORO	29.3- 56.0	25-2441	PA	103-106
CLARION SEC.	STONEBORO & ROSE	56.0-128.0	25-2341	PA	107-114
FRANKLIN SEC.	BUCHANAN & FRANKLIN	0.0- 23.0	25-6561	PA	123-125
FRANKLIN I.T.	FRANKLIN & OIL CITY	23.0- 33.8	25-6561	PA	125-126
FREEDOM SEC.	CP E WAR & BRADY LAKE	160.6-188.4	25-6501	OH	129-131
FREEDOM SEC.	BRADY LAKE & AKRON	188.4-201.6	25-6601	OH	132-134
GEM I.T.	SOAP TOWN & GOODMAN YD.	0.0- 2.2	25-2439	OH	101-101
HARBOR CONN. TRK.	"OD" & ASHTABULA HARBOR (JM)	0.0- 1.4	25-2465	OH	121-121
HARDING I.T.	MANS & ONTARIO	268.8-277.0	25-6601	OH	138-138
HASELTON I.T.	"HIMROD" & HASELTON	67.5- 69.1	25-6555	OH	127-127
HUGO I.T.	HUGO (END OF TK.) & BRADY	25.5- 27.4	25-2444	OH	117-117
KOPPEL SEC.	WAMPUM JCT. & WOOD	81.1- 87.5	25-2422	PA	68- 68
LIMA I.T.	LIMA	51.1- 54.3	25-6604	OH	139-139
LORDSTOWN SEC.	BOANNA & ALLIANCE YD. (CP)	12.8- 38.0	25-2425	OH	76- 78
LORDSTOWN SEC.	CREEK & NILES JCT. (B&O)	0.0- 14.0	25-2423	OH	74- 75

CONRAIL
ENGINEERING DEPT.



LINE NAME	BETWEEN	M.P. TO M.P.	CODE	STATE	PAGE
LOW GRADE SEC.	CASTLE & WAMPUM JCT	75.8- 81.3	25-2423	PA	81- 82
LOW GRADE SEC.	WAMPUM JCT. & NEW BRIGHTON	81.3- 93.8	25-2433	PA	83- 84
M&C BR.	E. GRAVEL & WARWICK (MAINT. BY B&O)	1.7- 11.1	25-2431	OH	96- 97
M&C I.T.	MASSILLON (MACE) & E. GRAVEL	0.0- 1.7	25-2431	OH	96- 96
MAHONING SEC.	BAYARD & ALLIANCE	54.6- 67.0	25-2426	OH	89- 90
NEW CASTLE CONN.	CASTLE & CP 46 (P&LE)	46.5- 47.3	25-2452	OH	115-115
NILES SEC.	DETOUR & "EAST WAR"	11.7- 17.3	25-2424	OH	85- 85
NILES SEC	CP E WAR & LATIMER	17.3- 30.6	25-6501	OH	86- 88
OHIO WORKS I.T.	OHIO WORKS JCT. & GIRARD	5.1- 6.0	25-6557	OH	122-122
OIL CITY I.T.	OIL CITY & "BRIDGE"	0.0- 2.0	25-2328	PA	60- 60
OIL CITY SEC.	SARAH FURNACE & "BRIDGE"	70.4-132.3	25-2329	PA	61- 67
ORRVILLE I.T.	ORRVILLE	35.0- 37.2	25-2421	OH	72- 72
PINEY FORK I.T.	MINERVA	41.3- 43.5	25-2446	OH	119-119
RITTMAN SEC.	KENMORE & WADSWORTH	205.7-216.8	25-6601	OH	135-136
SHARON BR.	BENTLEY & FARREL	5.2- 5.7	25-2443	OH	116-116
SPORE I.T.	SPORE & BUCYRUS	62.9- 69.7	25-8130	OH	140-140
TITUS I.T.	TITUSVILLE & OIL CITY	120.0-137.5	25-2327	PA	57- 58
TUSCARAWAS SEC.	BAYARD & MINERVA	0.0- 2.9	25-2427	OH	73- 73
VAN WERT I.T.	VAN WERT	102.2-105.5	25-8248	OH	141-141
VAN WYE I.T.	BOANNA & VAN WYE	0.0- 0.5	25-2437	OH	100-100
WHEATLAND I.T.	WHEATLAND & SHARPSVILLE	66.0- 73.0	25-2434	PA	98- 98
WHEATLAND I.T.	SHENANGO & JAMESTOWN	80.9- 81.7	25-2434	PA	99- 99
Y&R CONN. TK.	RAVENNA (B. & O.) & RAVE	0.1- 1.2	25-2415	OH	59- 59
YOUNGSTOWN SEC	CP 56 & YOUNGSTOWN	56.3- 58.3	25-2440	OH	40- 40
YOUNGSTOWN SEC	CREEK & PA/OH STATE LINE	58.4- 66.2	25-2423	OH	79- 80
YOUNGSTOWN SEC	PA/OH STATE LINE & WAMPUM JCT.	66.2- 81.3	25-2423	PA	80- 82
YOUNGSTOWN SEC	WAMPUM JCT. & NEWBRIGHTON	81.3- 93.8	25-2433	PA	83- 84





YOUNGSTOWN, OHIO
AND VICINITY
RAILROADS & INDUSTRIES

Scale in Miles
0 1 2 3

OFFICE OF CHIEF ENGINEER,
DESIGN & CONSTRUCTION
CONSOLIDATED RAIL CORPORATION

MARCH, 1966
PHILADELPHIA, PA

LIMITING CLEARANCES BY LINE

YOUNGSTOWN DIVISION

THE FOLLOWING STATED CLEARANCES DEFINE THE STRIKING HEIGHT OF AN 11 FOOT OVERALL WIDTH AT THE MOST CRITICAL POINT ABOVE THE TOP OF RAIL

LINE NAME	BETWEEN	MP TO MP	STRUCTURES	CLEARANCE	CODE
CLEVELAND LINE	ALLIANCE-HUDSON	67.0- 98.0	86.42	19'06"	2412
FORT WAYNE LINE	WOOD-PA/OH STATE LINE	34.0- 48.8	SIG 44.20	20'11"	2402
FORT WAYNE LINE	PA/OH STATE LINE-BUCYRUS	48.8-200.6	TT 151.48	19'02"	2402
FORT WAYNE LINE	BUCYRUS-OH/IN STATE LINE	200.6-300.4	SIG 274.20	21'04"	3102
FORT WAYNE LINE	OH/IN STATE LINE-ADAMS	300.4-314.0		21'	3102
MEADVILLE LINE	CM-PYMATUNING	56.3-136.3	TT 130.35	19'03"	6501
MEADVILLE LINE	PYMATUNING-OH/PA STATE LINE	136.3-144.3	TT 81.04	19'00"	6502
MEADVILLE LINE	PA/OH STATE LINE-HUBBARD	144.3-149.5	TT 75.74	19'04"	6502
MEADVILLE LINE	HUBBARD-CP 52	149.5-150.8		22'	2443
PYMATUNING LINE	SN-YOUNGSTOWN	49.6- 66.4	NO INFORMATION		6502
PYMATUNING LINE	YOUNGSTOWN-HUBBARD	67.9- 74.6	NO INFORMATION		6502
YOUNGSTOWN LINE	ASHTABULA-CP 56	0.0- 56.3		" "	2440
AKRON BRANCH	HUDSON-WARWICK	0.0- 27.2	12.94	19'02"	2421
AKRON SEC	WARWICK-ORRVILLE	27.2- 37.2	WIRE ORRVILLE	22'03"	2421
ASHLAND SEC	BURBANK-MP 267	231.6-267.0	NO INFORMATION		6601
AUSTINTOWN I.T.	BRIER HILL-MERIDIAN ROAD	0.0- 4.8	NO INFORMATION		6556
BAYARD BRANCH	RIVER-FAIRHOPE	26.6- 69.0	47.22	20'08"	2430
BENTON I.T.	ALLIANCE	22.9- 24.7	TT 24.18	20'10"	2445
CANFIELD I.T.	HASELTON-Y&S CONN	0.0- 2.5	NO INFORMATION		2462
CASTLE I.T.	CASTLE-NEW CASTLE	46.6- 51.3	47.34	19'04"	2434
CLARION SEC	DORSET JCT-OH/PA STATE LINE	14.8- 29.3		21'	2441
CLARION SEC	OH/PA STATE LINE-STONEBORO	29.3- 56.0	37.90, 47.83	19'08"	2441
CLARION SEC	STONEBORO-ROSE	56.0-128.0	TUNNEL	19'00"	2341
FERRONA I.T.	FERRONA	0.0- 1.4	0.37	16'06"	6562
FRANKLIN SEC	BUCHANAN-SUGAR CREEK	0.0- 22.0	TT 21.36	22'00"	6561
FRANKLIN I.T.	SUGAR CREEK-OIL CITY	22.0- 33.8	TT 33.14	20'01"	6561
FREEDOM SEC	SN JCT-BRADY LAKE	164.9-188.4	TT 166.47	19'09"	6501
FREEDOM SEC	BRADY LAKE-AKRON	188.4-201.6	201.47	19'02"	6601
GEM I.T.	SOAP TOWN-GOODMAN YARD	0.0- 2.2	NO INFORMATION		2439
HARBOR CONN. TRACK	OD-ASHTABULA HARBOR	0.0- 1.4	0.76	21'04"	2465
HARDING I.T.	MANS-HARDING	268.7-282.2	270.85	22'06"	6601
HASELTON I.T.	HIMROD-HASELTON	67.5- 69.1	67.75	20'10"	6555
HUGO I.T.	HUGO-BRADY	25.5- 27.4	NO INFORMATION		2444
KOPPEL SEC	WOOD-WAMPUM JCT	34.8- 41.0	TT 35.16	23'00"	2422
LIMA I.T.	LIMA	49.0- 54.3	NO INFORMATION		6604
LORDSTOWN SEC	BOANNA-ALLIANCE	12.8- 38.0	76.99	21'03"	2425
LORDSTOWN SEC	CREEK- NILES JCT	0.0- 14.0	76.31	17'11"	2423
LOW GRADE SEC	NEW BRIGHTON-WAMPUM JCT	93.8- 81.3	31.54	20'06"	2433
M&C I.T.	MASSILLON(MACE)-EAST GRAVEL	0.0- 1.7	NO INFORMATION		2431
M&C BRANCH	EAST GRAVEL-WARWICK	1.7- 11.1		21'	2431
MAHONING SEC	BAYARD-ALLIANCE	54.6- 67.0	66.99	20'00"	2426
NEW CASTLE CONN	CASTLE-CP46	46.5- 47.3	NO INFORMATION		2452
NEWTON FALLS I.T.	NEWTON FALLS	3.0- 5.4	NO INFORMATION		2445

LIMITING CLEARANCES BY LINE

YOUNGSTOWN DIVISION

THE FOLLOWING STATED CLEARANCES DEFINE THE STRIKING HEIGHT OF AN 11
FOOT OVERALL WIDTH AT THE MOST CRITICAL POINT ABOVE THE TOP OF RAIL

LINE NAME	BETWEEN	MP TO MP	STRUCTURES	CLEARANCE	CODE
NILES SEC	DETOUR-EAST WAR	11.7- 17.3	80.16	18'00"	2424
NILES SEC	EAST WAR-LATIMER	160.8-147.9		' "	6501
OHIO WORKS I.T.	OHIO WORKS JCT-GIRARD	5.1- 6.0	5.85	22'00"	6557
OIL CITY I.T.	OIL CITY-BRIDGE	0.0- 2.0	SIG BDG 0.77	21'00"	2328
OIL CITY SEC	SARAH FURNACE-BRIDGE	70.4-132.3	131.33	18'07"	2329
PINEY FORK I.T.	MINERVA	41.3- 43.5		21'	2446
RITTMAN SEC	KENMORE-CRESTON	205.7-226.3	NO INFORMATION		6601
SHARON BRANCH	DOUGHTON JCT-FARRELL	0.0- 5.7	TT 5.56	20'08"	2443
SPORE I.T.	SPORE-BUCYRUS	62.9- 69.7	NO INFORMATION		8130
TITUS I.T.	TITUSVILLE-OIL CITY	120.0-137.5	TT 130.27	20'10"	2327
TUSCARAWAS SEC	BAYARD-MINERVA	0.0- 2.9		21'	2427
VAN WERT I.T.	VAN WERT	102.0-105.5	NO INFORMATION		8248
VAN WYE I.T.	BOANNA-VAN WYE	0.0- 0.5		21'	2437
WHEATLAND I.T.	WHEATLAND-JAMESTOWN	66.0- 90.5	TT 90.03	20'10"	2434
Y&R CONN	RAVENNA-RAVE	84.7- 85.8	84.98	19'08"	2415
YOUNGSTOWN SEC	CP 56-YOUNGSTOWN	56.3- 58.3	57.79	20'09"	2440
YOUNGSTOWN SEC	WAMPUM JCT-CREEK	81.3- 58.4	62.61	20'07"	2423

CONRAIL CRITICAL CLEARANCE SUMMARY

UNDER NO CIRCUMSTANCES SHOULD TRACK BE RAISED AT ANY OF THE
FOLLOWING LISTED STRUCTURES BEFORE FIRST NOTIFYING THE CONRAIL
CLEARANCE ENGINEER AT CONRAIL SMART NUMBER 333 1610 IN PHILADELPHIA.

FORT WAYNE LINE	WOOD-BUCYRUS RDBR 2402 M.P. 34.0-200.6
OH 50.10 WEST STREET	001 TK
OH 50.10 WEST STREET	002 TK
SIG 50.90	002 TK
X-ARMS 99.6 POLE LINE X-ARMS (99.6-99.8)	
TT 151.48 MUDDY FORK THRU TRUSS	001 TK
TT 151.48 MUDDY FORK THRU TRUSS	002 TK
OH 156.37 WOOD STREET	001 TK
OH 156.37 WOOD STREET	002 TK
TT 164.61 BLACK FORK THRU TRUSS	001 TK
TT 164.61 BLACK FORK THRU TRUSS	002 TK

FORT WAYNE LINE	BUCYRUS-OH/IN STATE LINE RDBR 3102 M.P. 200.6-314.0
ALL STRUCTURES EXCEED 20'00"	

CLEVELAND LINE	ALLIANCE-HUDSON RDBR 2412 M.P. 67.0- 98.0
OH 86.42 SANDY LAKE HIGHWAY	EWD TK
OH 86.42 SANDY LAKE HIGHWAY	WWD TK
OH 88.51	WWD TK

MEADVILLE LINE	CM-SN JCT RDBR 6501 M.P. 56.3-164.9
TT 85.87 MAIN LINE	001 TK
TT 130.35 SHENANGO RIVER	007 TK

PYMATUNING LINE	SN JCT-PYMATUNING RDBR 6502 M.P. 49.6- 87.9
TT 75.74 SHENANGO RIVER THRU TRUSS	007 TK
TT 78.06 LYANKEE RUN THRU TRUSS	007 TK
TT 81.04 SHENANGO RIVER	007 TK

YOUNGSTOWN LINE	DORSET JCT-JCT W/CHICAGO LINE RDBR 2440 M.P.
ALL STRUCTURES EXCEED 20'00"	

AKRON BRANCH	HUDSON-ORRVILLE RDBR 2421 M.P.
OH 12.94 MARKET STREET	001 TK
OH 12.94 MARKET STREET	002 TK
OH 12.86 PARK STREET	002 TK

BAYARD BRANCH RIVER-FAIRHOPE RDBR 2430 M.P. 26.6- 54.6

ALL STRUCTURES EXCEED 20'00"

CLARION SEC DORSET-AMASA RDBR 2441 M.P. 14.8- 39.6

OH 37.90 TOWNSHIP RD 007 TK

LORDSTOWN SEC GIRARD-NILES JCT RDBR 2423 M.P. 6.2- 14.0

TT 76.31 MAHONING RIVER 007 TK

MAHONING SEC BAYARD-ALLIANCE RDBR 2426 M.P. 54.6- 67.0

ALL STRUCTURES EXCEED 20'00"

COST CENTER LISTING FOR YOUNGSTOWN 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>
Akron Branch	11.60	27.20	001	19801	25-2421
Akron Branch	11.60	27.20	002	19801	25-2421
Goodman Yd(Lordstown Sec)	79.20	79.20	YRD	10437	25-2425

1986 TRACK CHART - LIST OF REVISED PAGES

<u>Page Number</u>	<u>RDBR</u>	<u>Date of Revision</u>	<u>Revisions</u>
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GRINDING	
SURFACING	67
TIES	57
UNDERCUTTING	
RAIL	30-37
BAL. CLEAN	
TONNAGE (MGT)	1.5
T. T. SPEED	30
UG. CABLE	

NAS

002

001

NAS
002
001

VALUATION
TOWN

MAXIMO

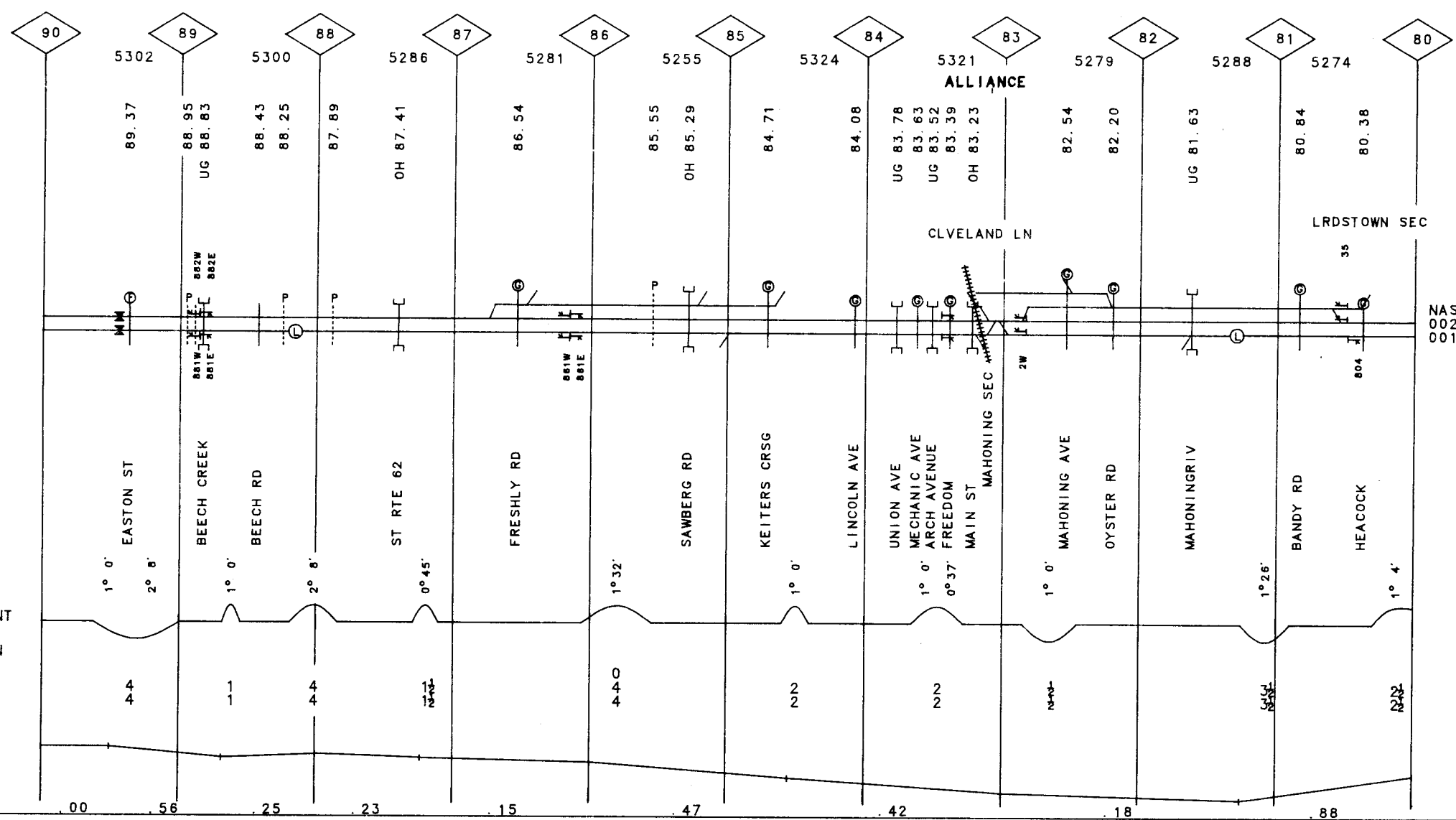
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ALLIANCE

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT
GRADE



GRINDING	79(1)	75(3)
SURFACING	80E	
TIES	78	
UNDERCUTTING		80UP
RAIL	32-78	40-68
BAL. CLEAN	73BH	
TONNAGE(MGT)		
T. SPEED	30	
UG. CABLE		

GRINDING	82	79(1)	84	84
SURFACING	85C		84	
TIES	85		84	
UNDERCUTTING				80UP
RAIL	32-78		32H82	32-78
BAL. CLEAN	84	85	84	84
TONNAGE(MGT)		15.7		
T. SPEED	70/60/50		35/35/35	
UG. CABLE				

GRINDING	82	79(1)	85	84	82
SURFACING	81	81	83	84	78
TIES	79	80	77	84	
UNDERCUTTING				79UP	80UP
RAIL	40-74	32-78	52-67	31F78	32-78
BAL. CLEAN	85	82		84	
TONNAGE(MGT)			23.5		
T. SPEED	70/60/50		35/35/35		
UG. CABLE	S-10.0				

IND

11

OH

MP 140.00

MP 130.00-MP

REV. 01/01/86

25-2402 FORT WAYNE LINE

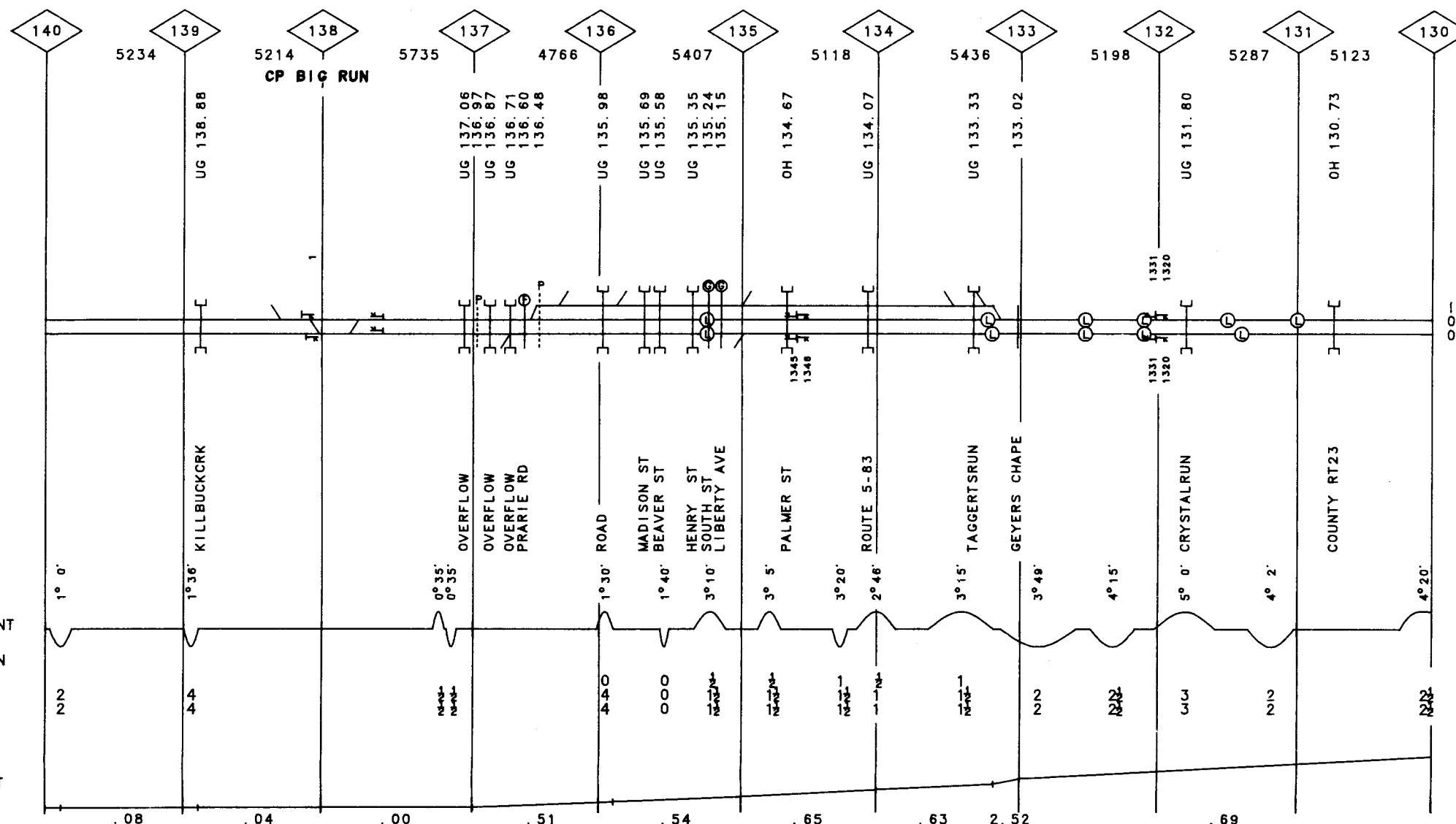
VALUATION
TOWNWOOSTER^{V7342}

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE

IND
002
001

GRINDING	84	85	82
SURFACING		85C	
TIES		85	
UNDERCUTTING			
RAIL	32-78	40-74	40-77 155-68 32-78
BAL. CLEAN		84	
TONNAGE (MGT)		15.7	
T T SPEED	70/60/50	50/50/50	70/60/50
UG. CABLE			

GRINDING	84	85	85	82
SURFACING			85C	
TIES			85	
UNDERCUTTING				
RAIL		40-74		
BAL. CLEAN		84		
TONNAGE (MGT)		23.5		
T T SPEED	70/60/50	50/50/50		70/60/50
UG. CABLE				

002

001

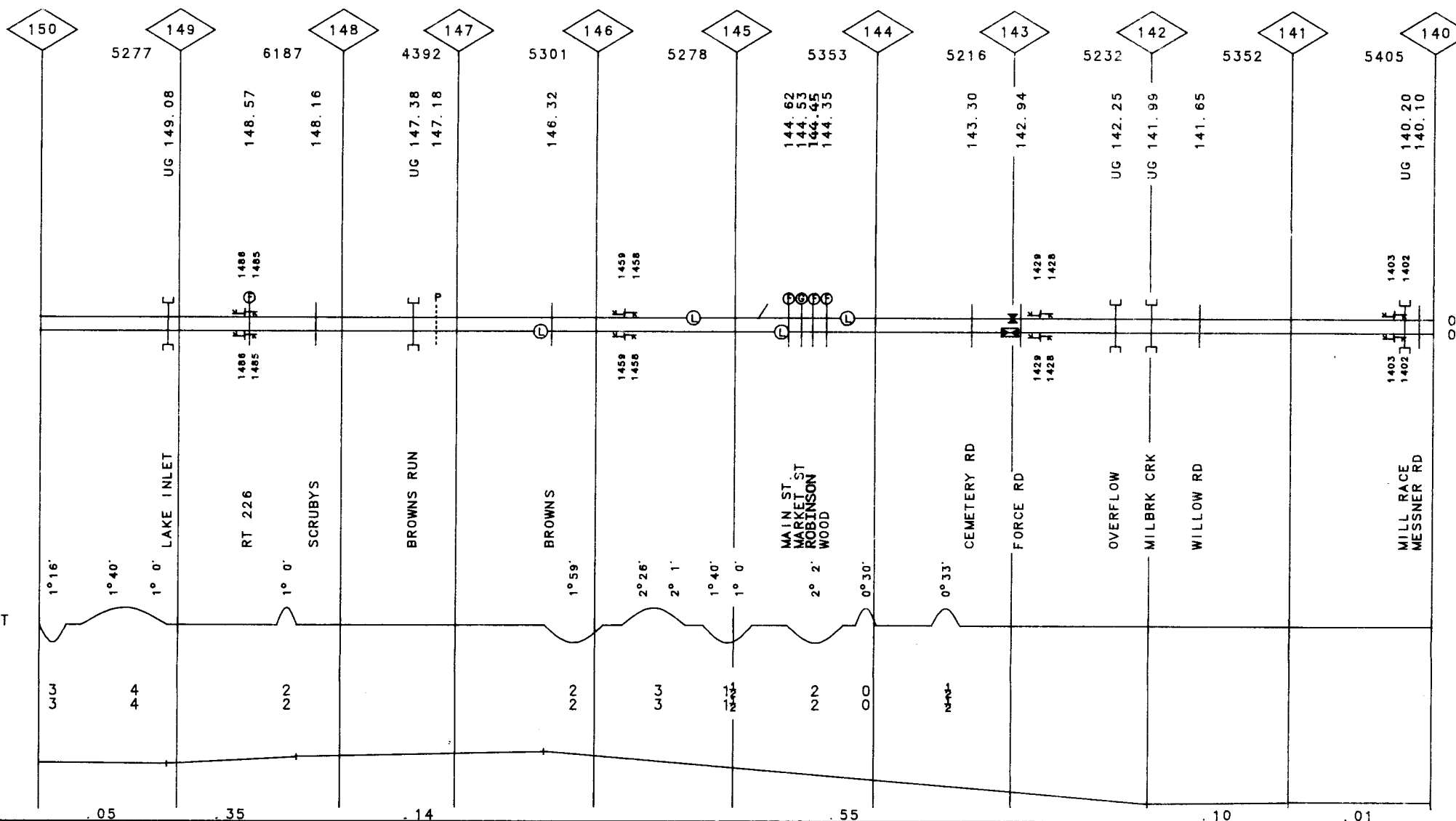
VALUATION
TOWN

BIG PRAIRIE

V7342
SHREVE

MILLBROOK

FACILITY



002
001

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE

GRINDING	82
SURFACING	81
TIES	77
UNDERCUTTING	
RAIL	32-79
BAL. CLEAN	83
TONNAGE (MGT)	5.1
T. T. SPEED	30/30/30
UG. CABLE	

Q02	82	80(2)	84
81	85	78	83
77			
32-79	32-79		
84	16.8		84
70/60/50		70/60/50	

GRINDING	84
SURFACING	85C
TIES	85
UNDERCUTTING	
RAIL	32-79
BAL. CLEAN	84
TONNAGE (MGT)	4.84
T. T. SPEED	30/30/30
UG. CABLE	

Q01	82	85C	79(1)	84
81	85		79	
40-73	40-73	32-78	40-73	
84	80L	84		
70/60/50	24.2		70/60/50	

002

001

VALUATION
TOWN

CRESTLINE

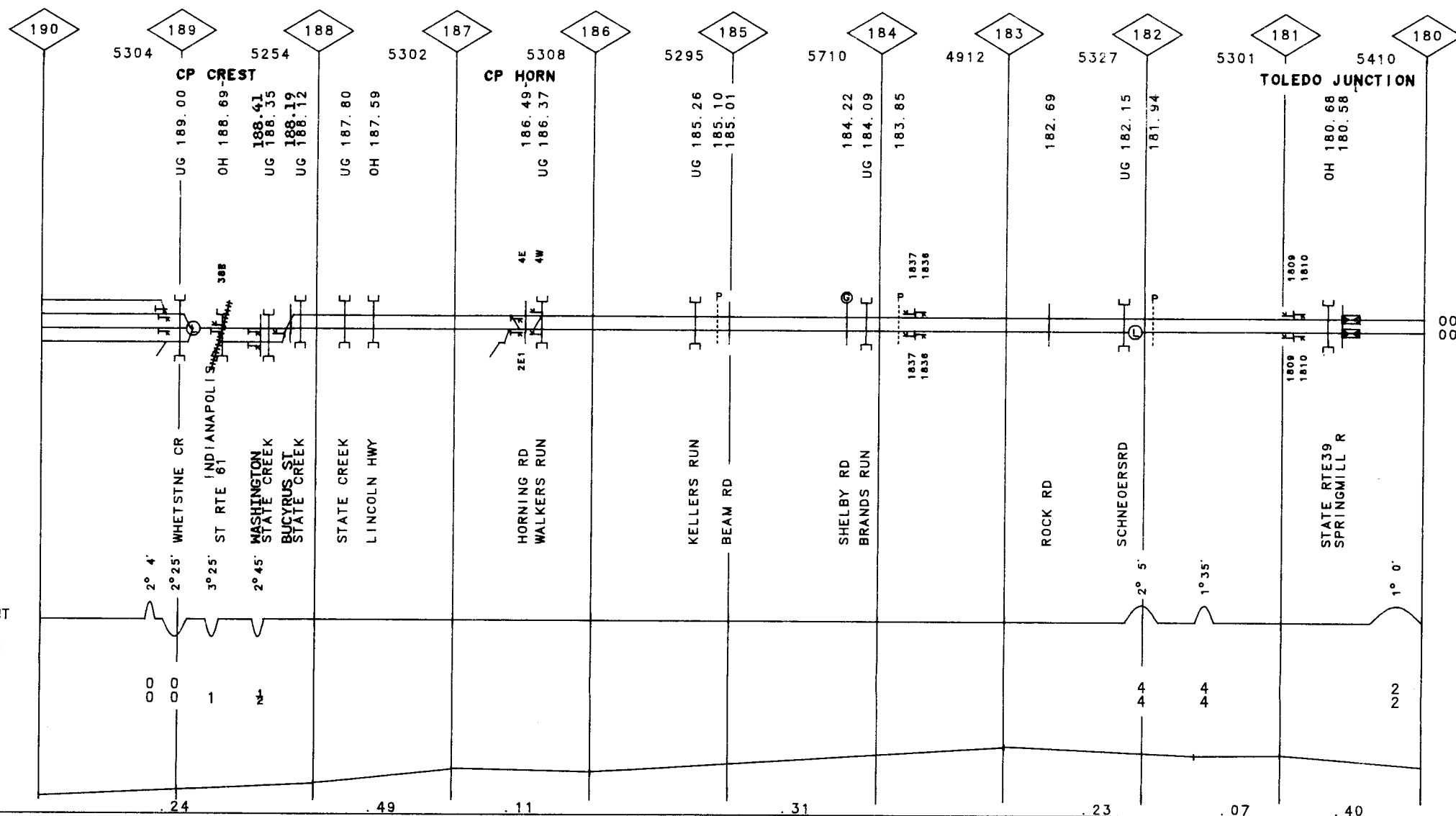
V7342

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



002
001

GRINDING	79(1)	NCS
SURFACING	11	78E
TIES	77	
UNDERCUTTING		
RAIL	40F78	
RAIL CLEAN	82	
TONNAGE(MGT)	4.3	
T SPEED	15	
UG. CABLE		

NCS	82
85	81
77	
32-79	
83	
5.1	
30/30/30	

GRINDING	84	85C	79	85	84
SURFACING	77				
TIES					
UNDERCUTTING					
RAIL	32-78	40-13	32-79	84	
RAIL CLEAN	84	4.7	18.3	4.8	
TONNAGE(MGT)	70/50/50	70/60/50	70/60/50	40/40/40	
T SPEED					
UG. CABLE					70/60/50

VALUATION
TOWN

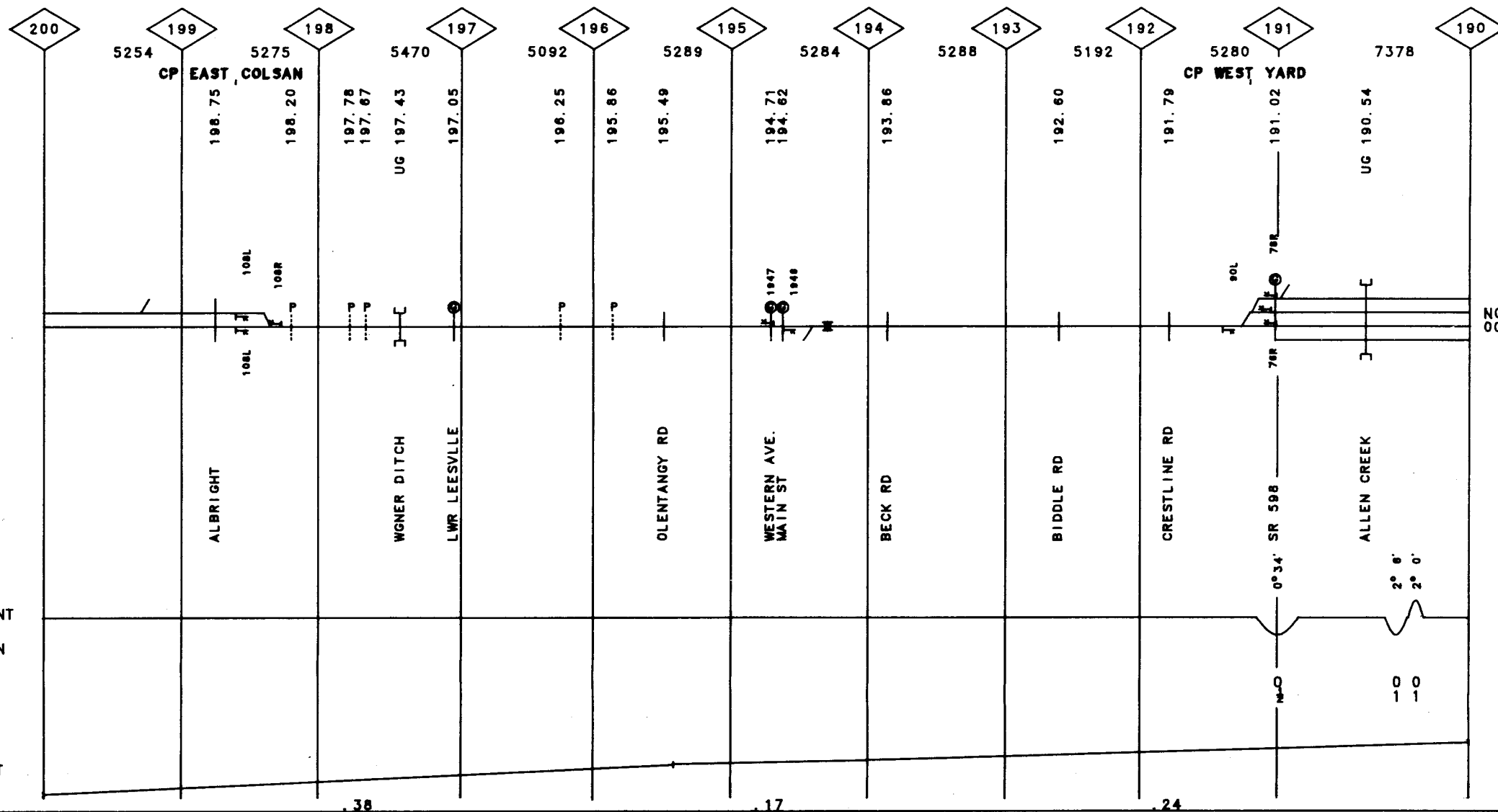
BUCYRUS

WEST ROBINSON

V7342
N. ROBINSON

CRESTLINE

FACILITY



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

GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MG)	
T. SPEED	15
UG. CABLE	

NCS

GRINDING	
SURFACING	850 ---
TIES	77
UNDERCUTTING	
RAIL	
BAL. CLEAN	84
TONNAGE (MG)	4.7
T. SPEED	
UG. CABLE	

007

70/50/50

VALUATION
TOWN

V7342

FACILITY

3065



CP COLSAN
UG 200.54
UG 200.28
200.08
200.6

E MNSFLD ST
NS RR
1° 5' HIGHLND AVE
WHETSTONE ST

NCS
007

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

0
24

.38

GRINDING	80(1)	85C	80(3)
SURFACING		85	
TIES		32-79	
UNDERCUTTING		82	
RAIL		3.8	
BAL. CLEAN		70/60/50	
TONNAGE(MGT)			
T. SPEED			
UG. CABLE			40/40/40

007

VALUATION
TOWN

NEVADA

V7344

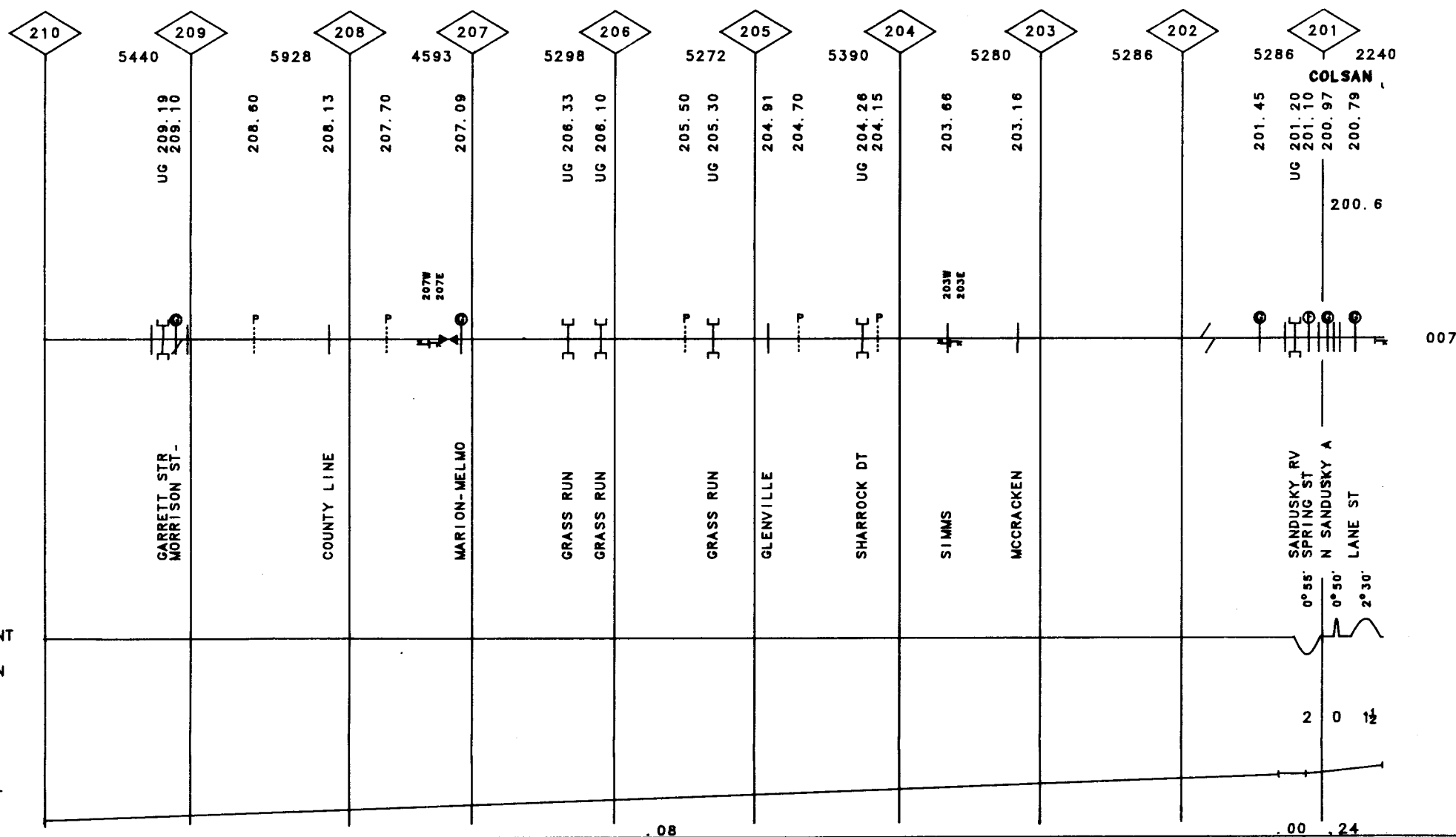
BUCYRUS

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



007

GRINDING	64
SURFACING	80E
TIES	80
UNDERCUTTING	
RAIL	31-42
RAIL CLEAN	82
TONNAGE(MGT)	
T T SPEED	30
UG. CABLE	

SDG

GRINDING	64	80(3)	80(2)	80(1)
SURFACING				
TIES		85C		
UNDERCUTTING		85		
RAIL	33-49	33-53	32-79	
RAIL CLEAN	84	83	80	82
TONNAGE(MGT)				
T T SPEED	70/60/50	*	3.8	70/60/50
UG. CABLE		40/40/40		

007

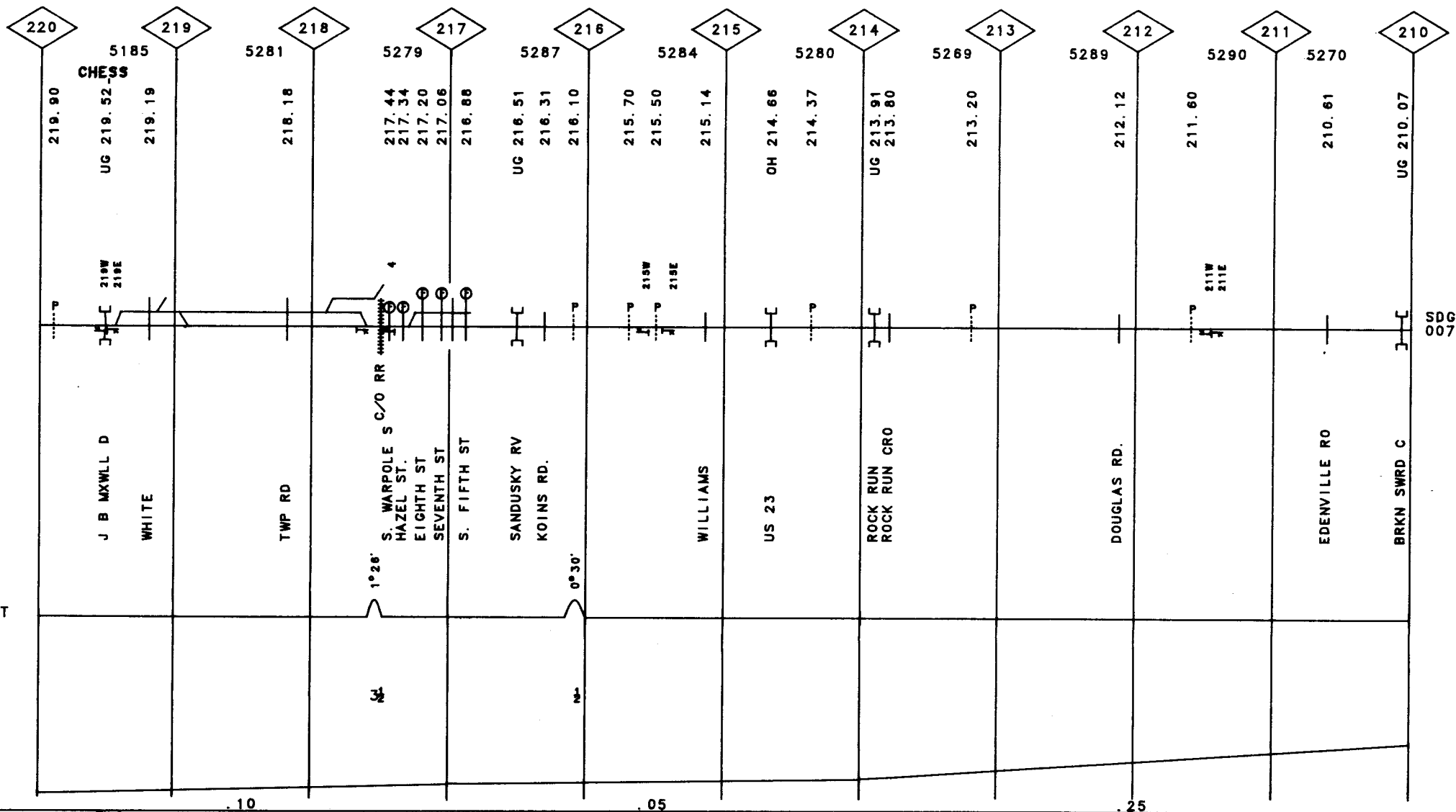
VALUATION
TOWN

MIFFLIN

UPPER SANDUSKY

V7344

FACILITY



SDG
007

GRINDING	80(2)	80(1)	80E	80(2)	80(1)	83
SURFACING						
TIES						
UNDERCUTTING						
RAIL						
BAL. CLEAN						
TONNAGE(MGT)						
T T SPEED						
UG. CABLE						

GRINDING	64
SURFACING	79E
TIES	79
UNDERCUTTING	
RAIL	31-42
BAL. CLEAN	83
TONNAGE(MGT)	
T T SPEED	70/60/50
UG. CABLE	

GRINDING	80(2)	80(1)	80E	80(2)	80(1)	83
SURFACING						
TIES						
UNDERCUTTING						
RAIL						
BAL. CLEAN						
TONNAGE(MGT)						
T T SPEED						
UG. CABLE						

SDG

007

004

VALUATION
TOWN

AUGLAIZE

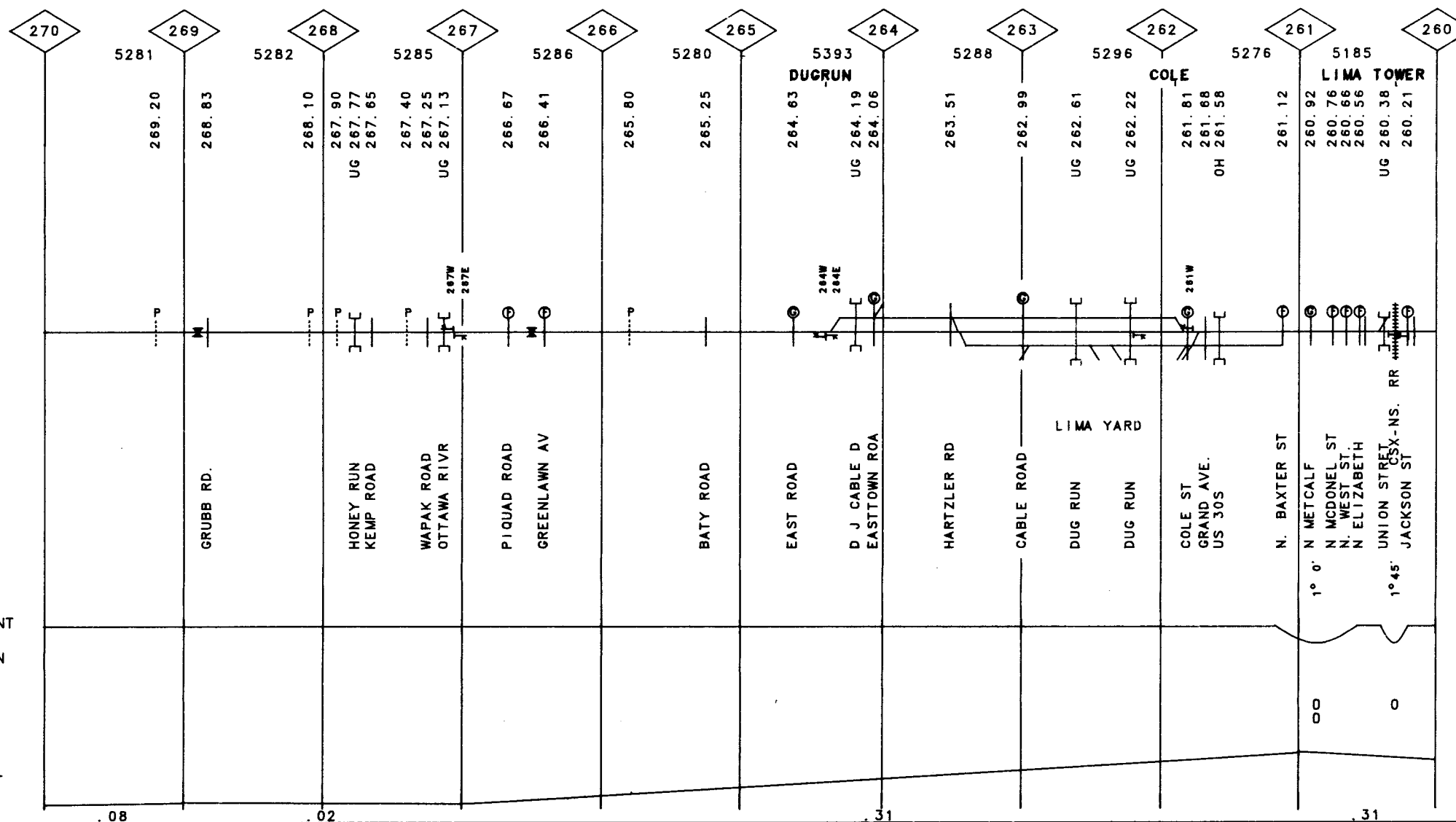
ELIPA

V7344

EAST DUGRUN

LIMA

FACILITY

SDG
007
004

VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE

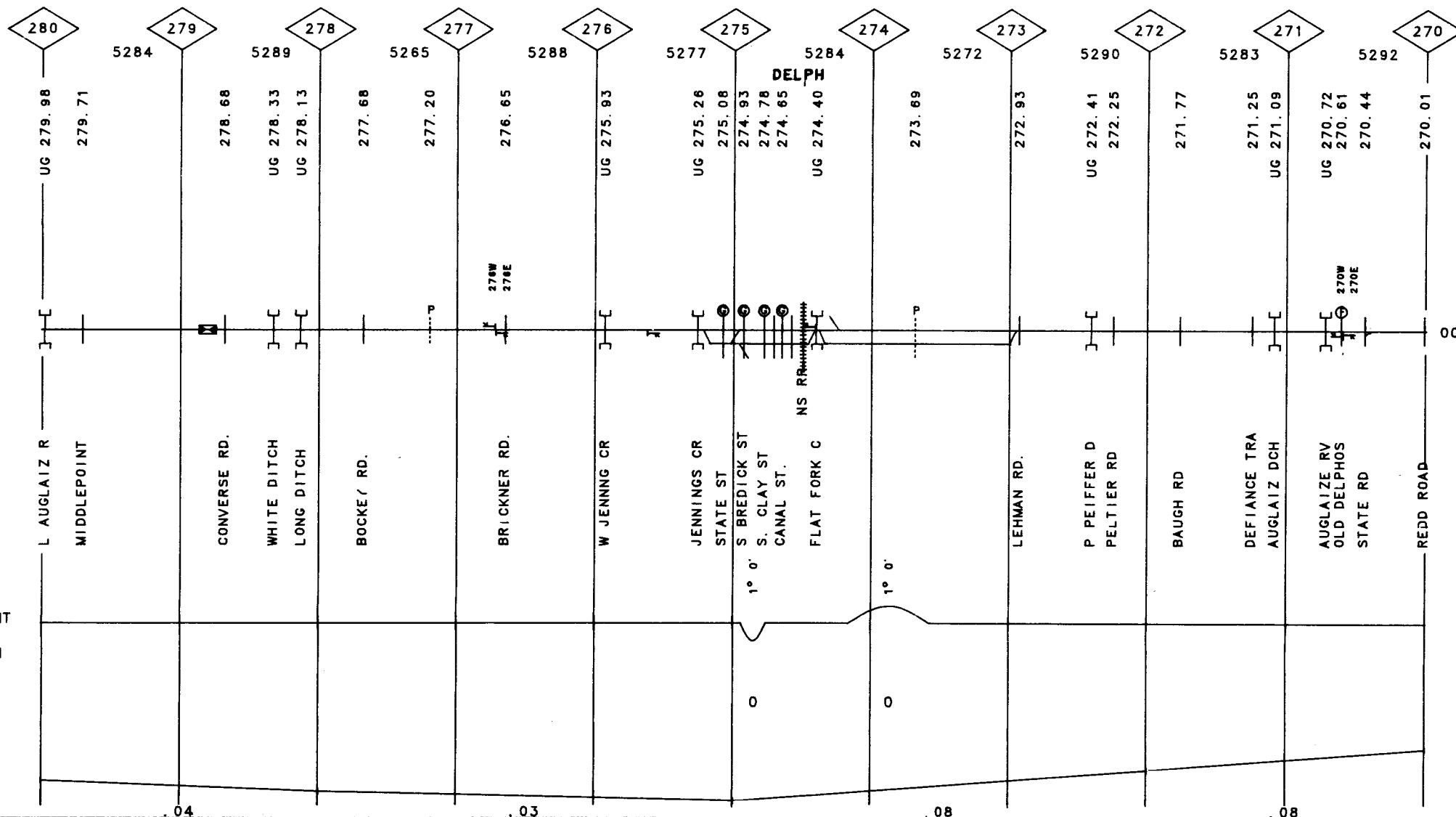
V7344

DELPHOS

GRINDING	59	84	80(2)	80(1)	80(2)
SURFACING					
TIES			79		
UNDERCUTTING					
RAIL	33-50		32-80		
BAL. CLEAN					
TONNAGE (MGT)	3.1			3.3	
T. T. SPEED	70/60/50		40/40/40	70/60/50	
UG. CABLE					

007

007



VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT
GRADE

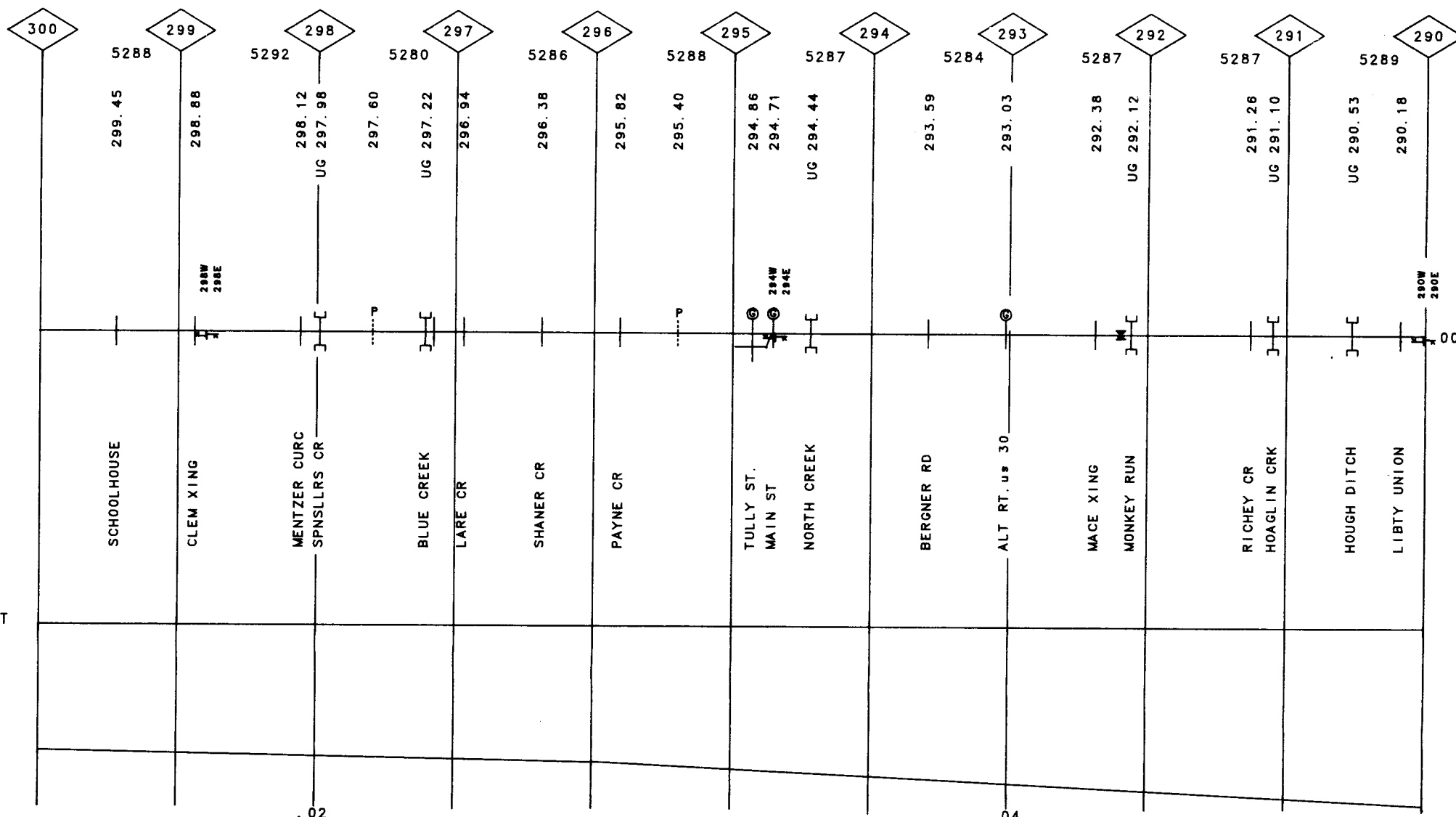
V7344
CONVOY

RICHEY

GRINDING	59		64		80(2)
SURFACING	83			81	
TIES	80			81	
UNDERCUTTING					
RAIL	33-48		33-57		33-56
RAIL CLEAN	82		83		
TONNAGE (MGT)					
T T SPEED					
UG. CABLE					

007

007



GRINDING		55
SURFACING		85
TIES		85
UNDERCUTTING		
RAIL		33-53
BAL. CLEAN		83
TONNAGE (MGT)		3.1
TY SPEED		70/60/50
UG. CABLE		

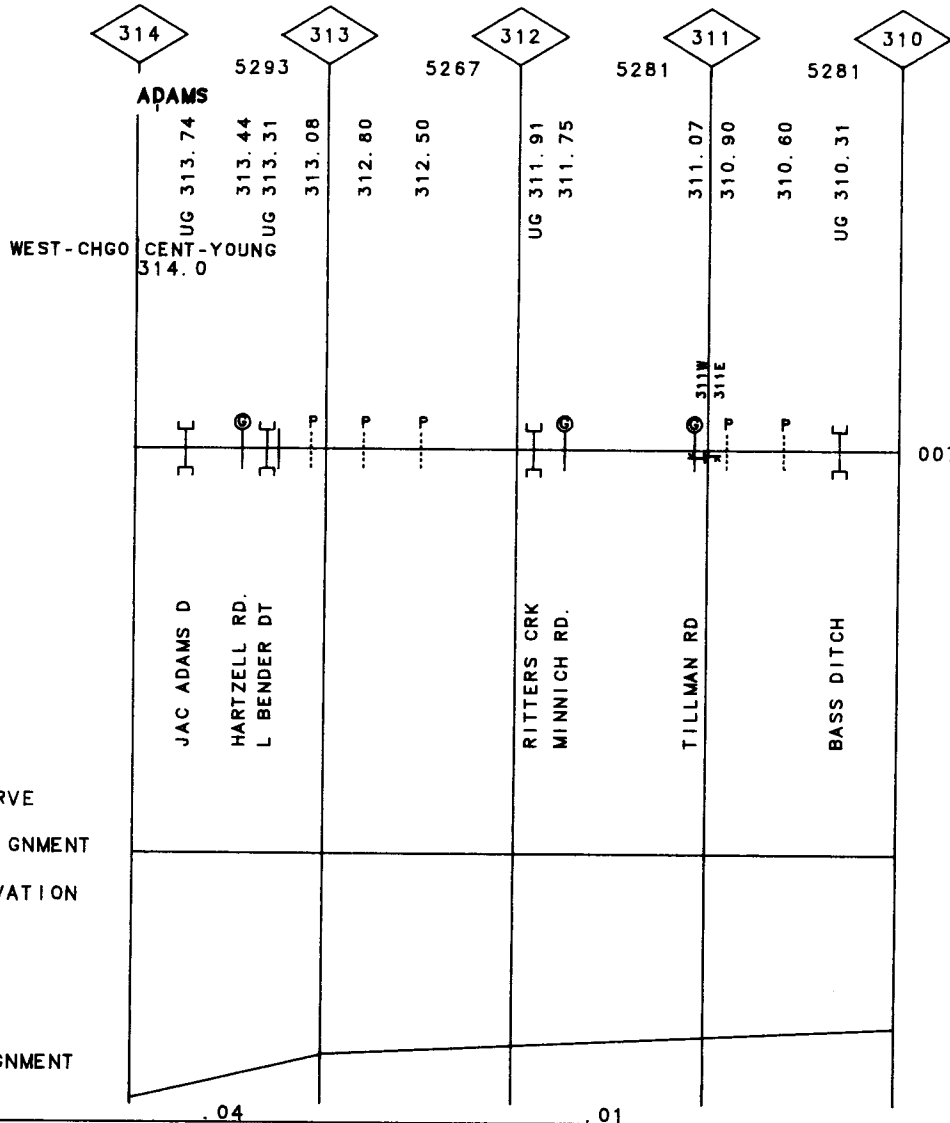
007

VALUATION
TOWN

ADAMS

V7347

FACILITY



007

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

.04

.01

GRINDING	85	
SURFACING	84	
TIES	76	77
UNDERCUTTING	84	
RAIL	32-79	
BAL. CLEAN	83	83
TONNAGE(MGT)	22.5	
T. T. SPEED	60/50	40/40
UG. CABLE		

002

GRINDING	80(2)	
SURFACING	84	
TIES	84	
UNDERCUTTING	84	
RAIL	32-79	
BAL. CLEAN	83	
TONNAGE(MGT)	31.4	
T. T. SPEED	60/50	40/40
UG. CABLE		

001

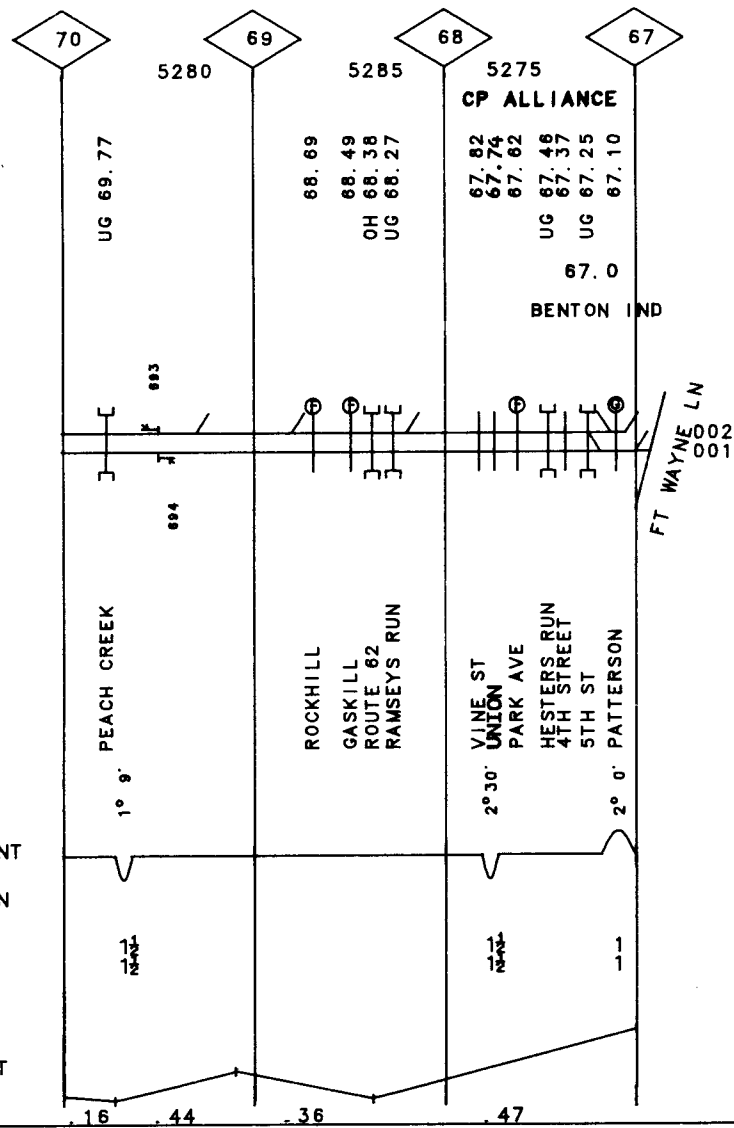
VALUATION
TOWN

V7436

ALLIANCE

FACILITY

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



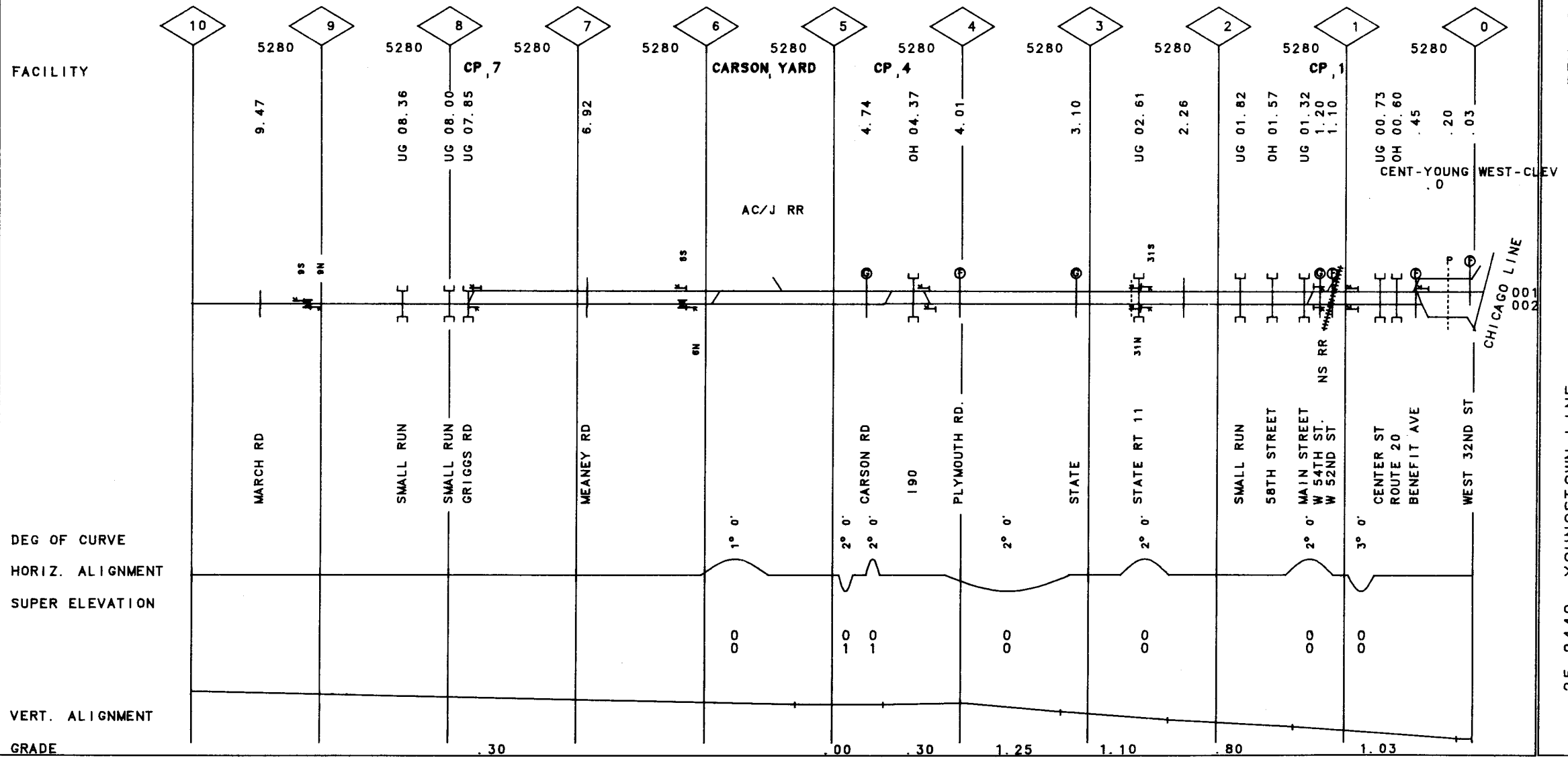
	SCS 001									
GRINDING										
SURFACING		84				82		84		84
TIES		84				78		84		84
UNDERCUTTING										
RAIL		40F84				31F84		32-81		31F84
BAL. CLEAN		82		83		85		84		77
TONNAGE(MGT)			0.1					10.6		
T. T. SPEED			15				30			25
UG. CABLE									20	

	D07 002									
GRINDING										
SURFACING	85C	84		84		85		84		85
TIES	85			80		78		85		85
UNDERCUTTING										
RAIL	32-81			40-76		31F78		33F78		
BAL. CLEAN				85		85		85		
TONNAGE(MGT)		28.6			29.2			17.6		
T. T. SPEED			40				30			25
UG. CABLE									20	

VALUATION
TOWN

V2220
CARSON

ASHTABULA



GRINDING	84
SURFACING	85C
TIES	85
UNDERCUTTING	
RAIL	32-8V
BAL. CLEAN	85
TONNAGE (MGT)	27.3
T. T. SPEED	40
UG. CABLE	28.6

007

GRINDING	82
SURFACING	82
TIES	82
UNDERCUTTING	
RAIL	27.41
BAL. CLEAN	83
TONNAGE (MGT)	
T. T. SPEED	30
UG. CABLE	

ECS

VALUATION
TOWN

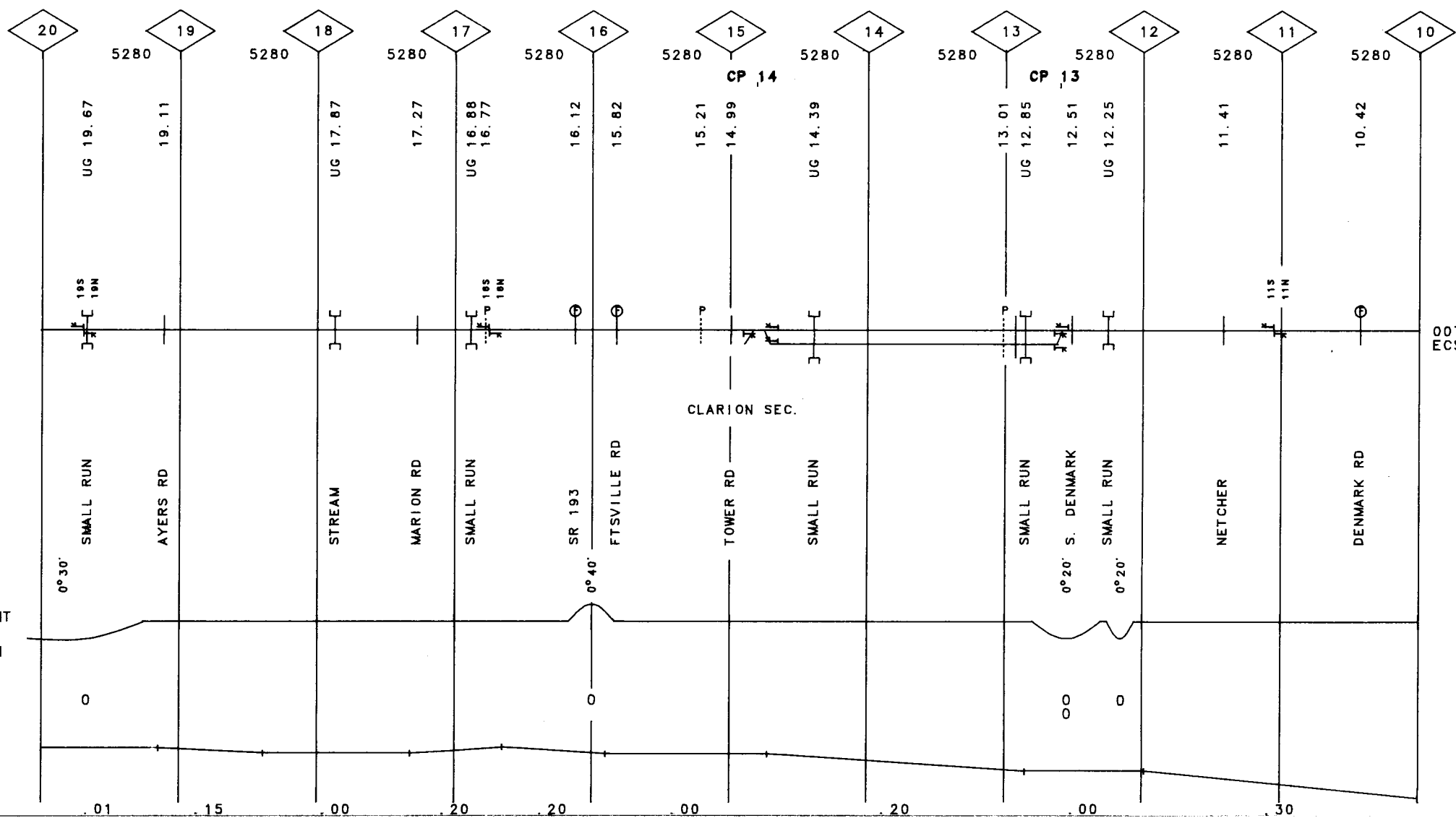
DORSET V2220

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



007
ECS

GRINDING		71(1)	
SURFACING	--	84	
TIES		84	
UNDERCUTTING			
RAIL	31-40		31-35
BAL CLEAN		83	
TONNAGE(MGT)		1.1	
T T SPEED		40	
UG. CABLE			

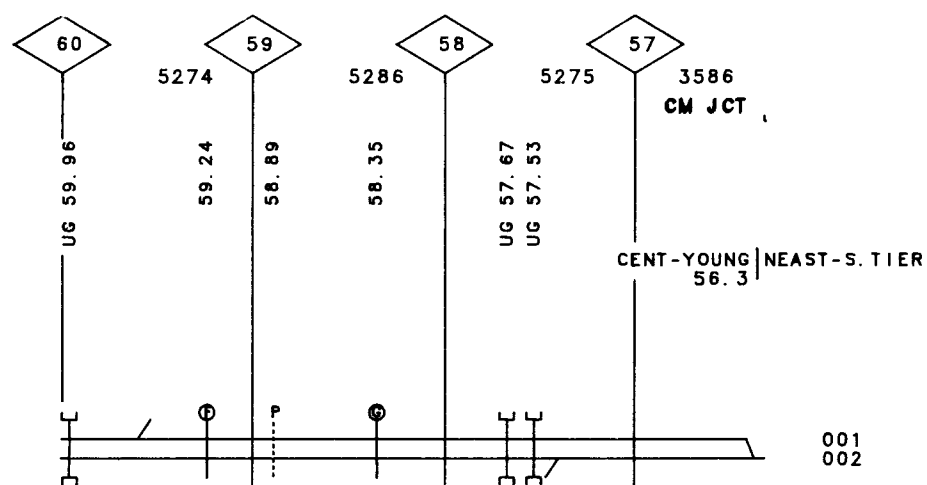
001

GRINDING		71(1)	
SURFACING	70		75
TIES	65		75
UNDERCUTTING			
RAIL	31-45	V	31-75
BAL CLEAN		83	
TONNAGE(MGT)		1.4	
T T SPEED		25	
UG. CABLE			

002

VALUATION
TOWNV8378
COLUMBUS

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE

GRINDING	77E	70(1)	78E	71(1)
SURFACING	77			84
TIES				84
UNDERCUTTING				
RAIL	30-33	30-33	31-40	31-44
BAL. CLEAN				
TONNAGE(MGT)		2.7	83	1.1
T. SPEED			40	
UG. CABLE				

001

GRINDING	74(1)			71(1)
SURFACING	64	70	75E	76E
TIES				67
UNDERCUTTING				
RAIL	31F66	32-58	12-37	12-38
BAL. CLEAN				
TONNAGE(MGT)		0.8		1.5
T. SPEED			25	0.8
UG. CABLE				

002

VALUATION
TOWN

MILL VILLAGE

V8378

UNION CITY

FACILITY

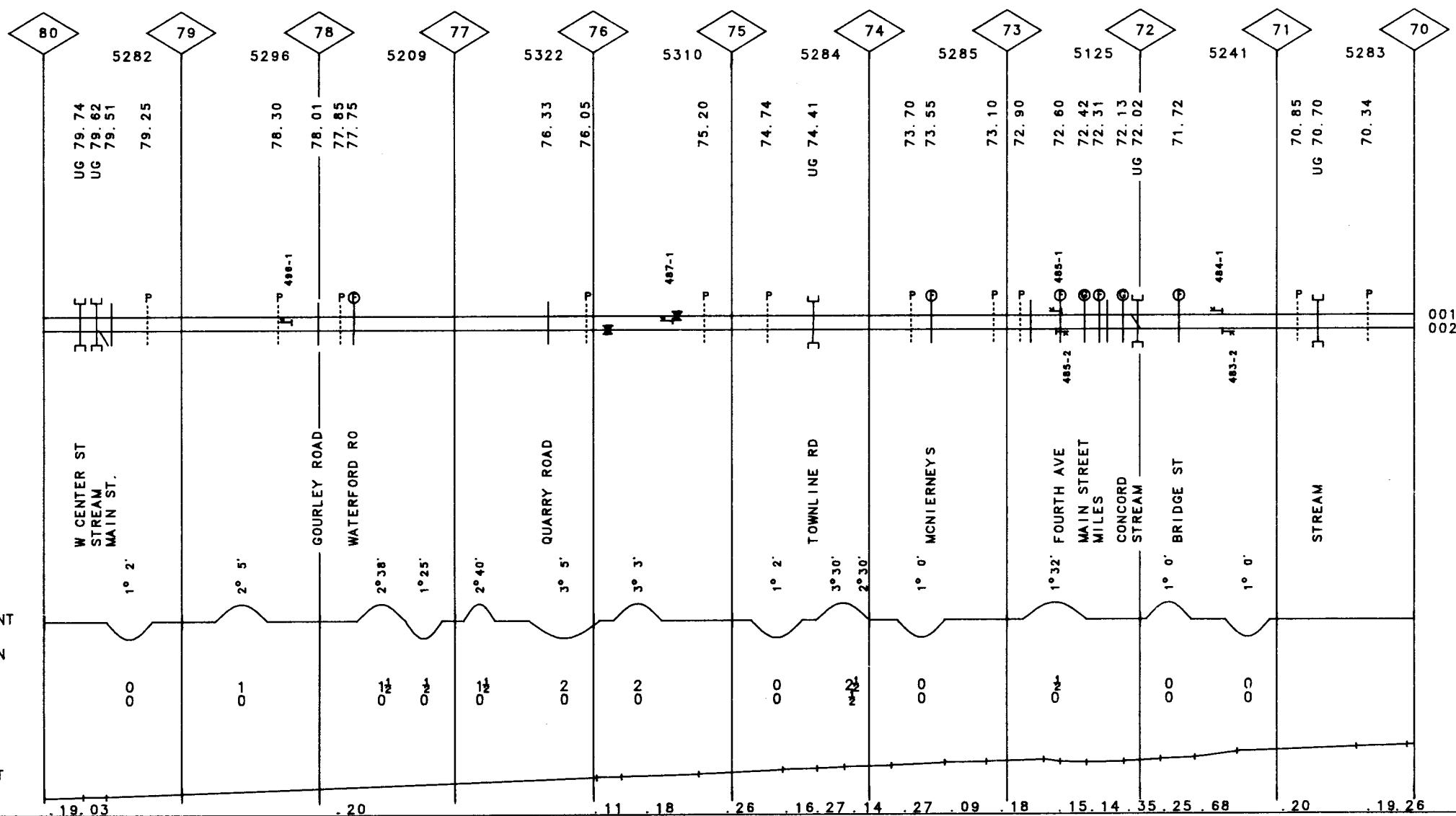
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

001
002

GRINDING	84		84	75(1)	74(1)	71(1)	74(1)	75(1)
SURFACING		78E		68	82		67	
TIES		78						
UNDERCUTTING	31F65	32-66	32-66	32-67	12-40	15-50	12-45	31-47
RAIL		83			70S		83	
BAL CLEAN		5.2			1.6		2.7	
TONNAGE(MGT)								
T T SPEED	40		30		40			
UG. CABLE								

001

GRINDING	74(1)		75(1)
SURFACING	78E		71
TIES	78		67
UNDERCUTTING			
RAIL	12-47	12-48	32-56
BAL CLEAN	70S		32-56
TONNAGE(MGT)	1.2	1.6	0.9
T T SPEED		25	
UG. CABLE			

002

VALUATION
TOWN

V8378|V8379

MEADVILLE

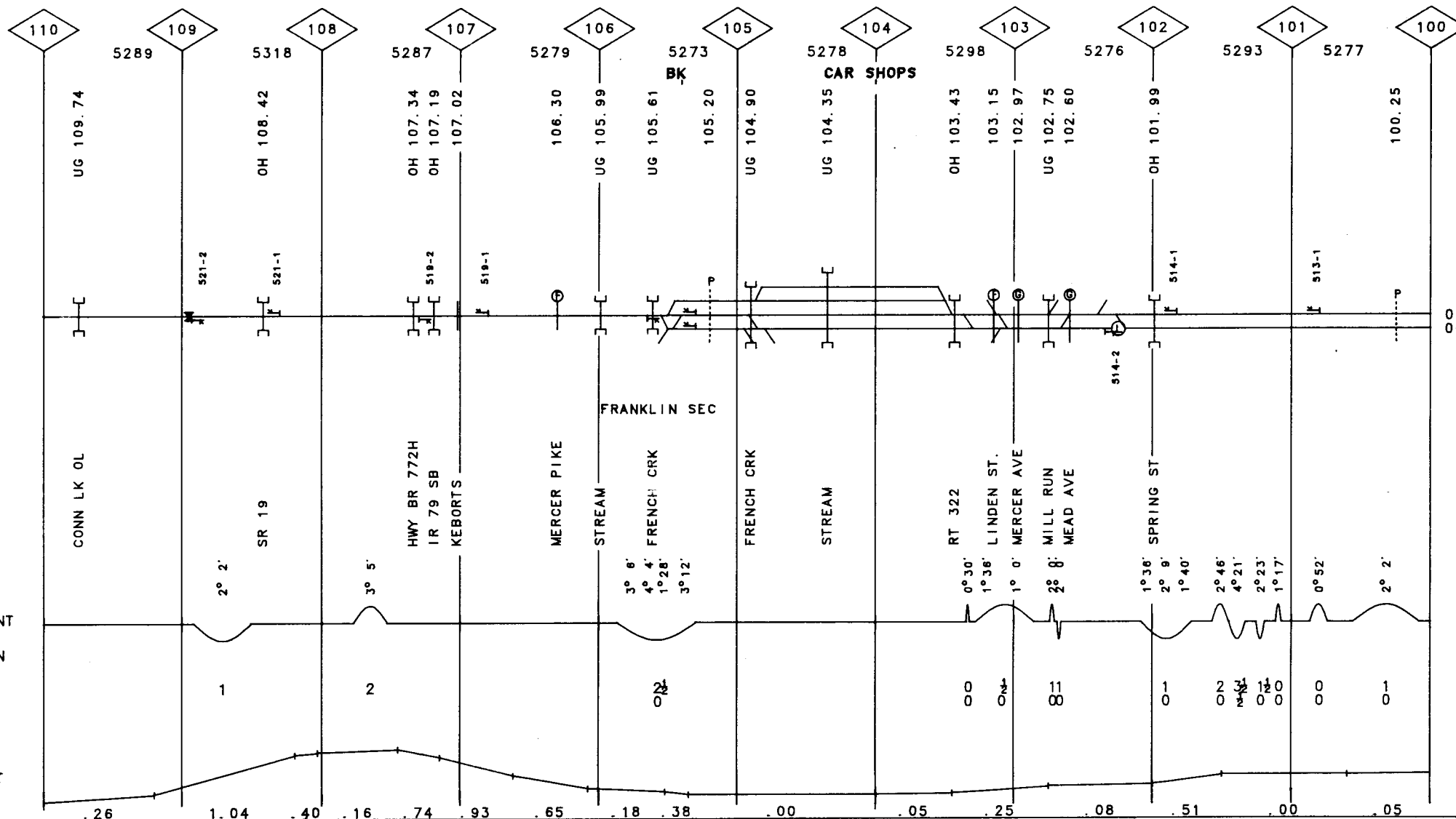
|V8378

FACILITY

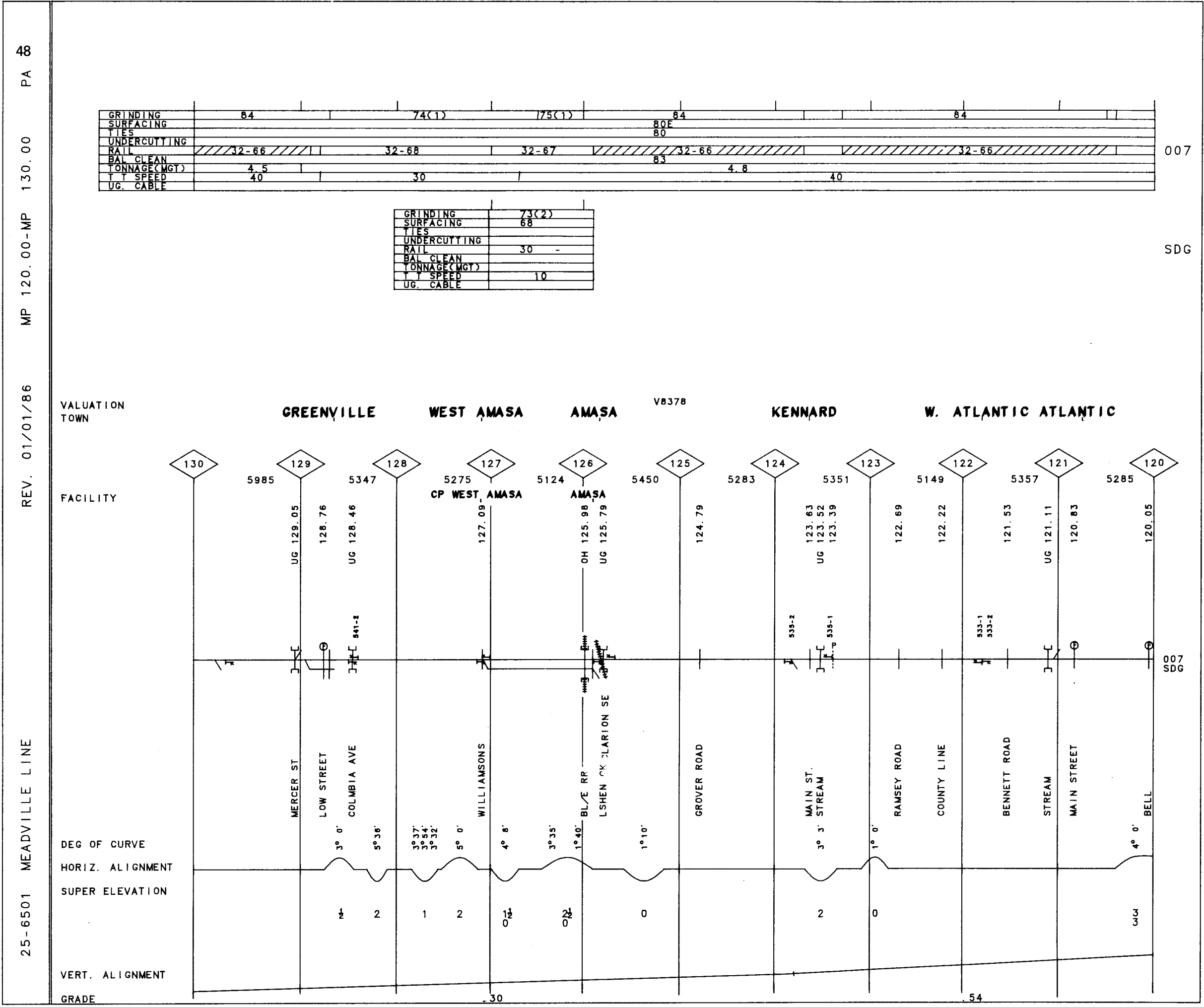
DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



001
002



GRINDING	84	74(1)	75(1)	84	84
SURFACING				80E	
TIES				80	
UNDERCUTTING					
RAIL	32-66	32-68	32-67	32-66	32-66
BAL. CLEAN				83	
TONNAGE(MGT)	4.5	30		4.8	40
T T SPEED	40				
UG. CABLE					

GRINDING	73(2)
SURFACING	68
TIES	
UNDERCUTTING	
RAIL	30
BAL. CLEAN	
TONNAGE(MGT)	
T T SPEED	10
UG. CABLE	

007

SDG

007
SDG

007	001					0011	007
GRINDING		74(2)				74(2)	
SURFACING		82				76E	80E
TIES		82				76	80
UNDERCUTTING							
RAIL		31-46		12-44		12-41	32-57
BAL CLEAN					83		32-55
TONNAGE(MGT)					2.2		4.5
T SPEED					40		40
UG. CABLE							

007

		73(1)				74(2)	
GRINDING							
SURFACING			81			81	
TIES				78			
UNDERCUTTING							
RAIL		32-51		15-50		32-55	12-45
BAL CLEAN					75S		
TONNAGE(MGT)					2.1		
T SPEED					40		
UG. CABLE							

002

VALUATION
TOWN

TRANSFER

V8378

SHENANGO

FACILITY

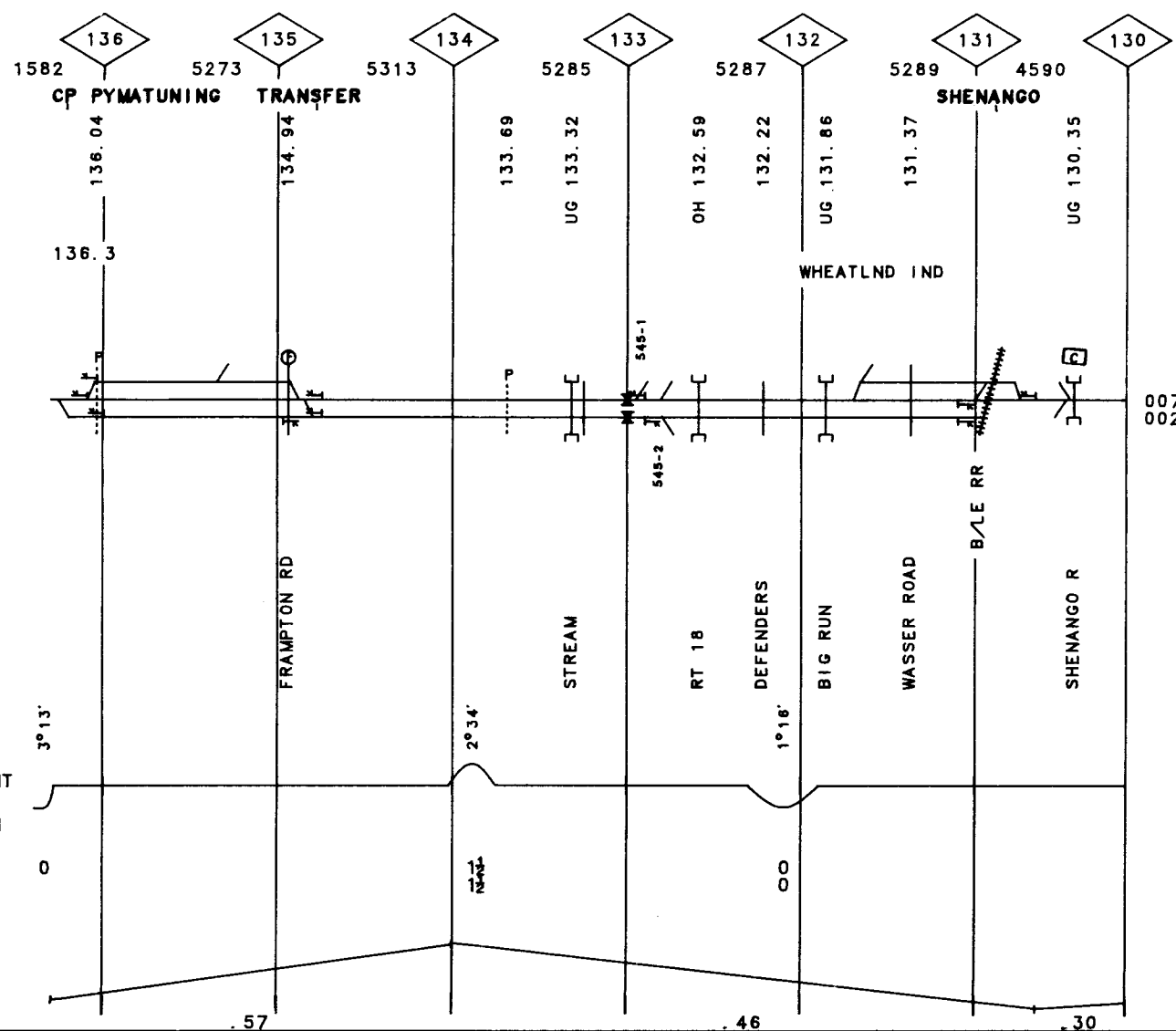
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



007
002

GRINDING	76(1)	74(1)
SURFACING	82	
TIES		
UNDERCUTTING		
RAIL	32F62	
BAL. CLEAN	85	
TONNAGE (MGT)		
T. T. SPEED	40	
UG. CABLE		

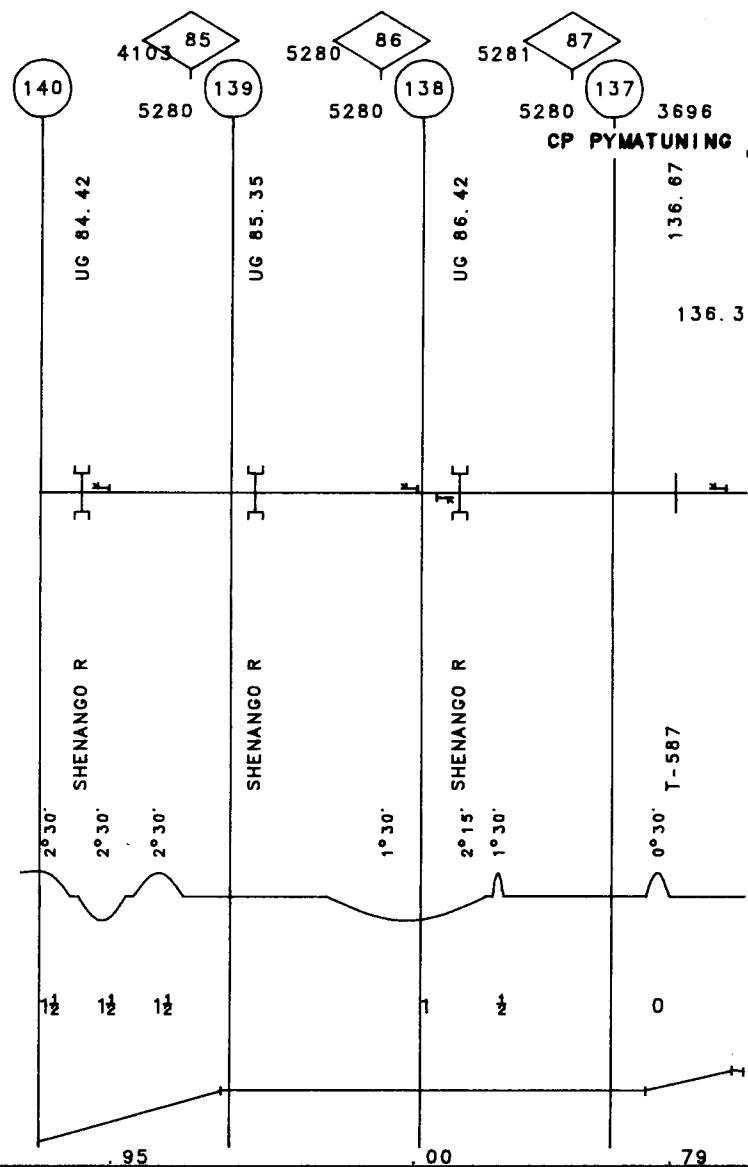
007

VALUATION
TOWN

V8378

PYMATUNING

FACILITY



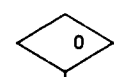
007

GRINDING	
SURFACING	81
TIES	81
UNDERCUTTING	
RAIL	00-23
BAL. CLEAN	
TONNAGE (MGT)	
TY SPEED	20
UG. CABLE	

007

VALUATION
TOWNV2240
HUBBARD

FACILITY



5280

150

1

4224

2579

CP 52

HUB

UG 00.58

UG 01.27

150.8

149.5

YONKSTON LINE

PYMATNG LINE

SMALL RUN

MUD RUN

DEG OF CURVE

6° 0'

8° 0'

HORIZ. ALIGNMENT

SUPER ELEVATION

1/2

1/2

VERT. ALIGNMENT

GRADE

.80 .52 .01 .41

007

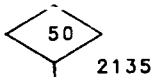
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	25
UG. CABLE	

007

VALUATION
TOWN

V8378
LEAVITTSBURG

FACILITY



2135

UG 49.97

49.6



FREEDOM SEC.

007

DUCK CREEK

DEG OF CURVE

1° 0'

HORIZ. ALIGNMENT



SUPER ELEVATION

0

VERT. ALIGNMENT



GRADE

24

GRINDING	
SURFACING	614
TIES	79
UNDERCUTTING	
RAIL	31-47
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	10/10
UG. CABLE	

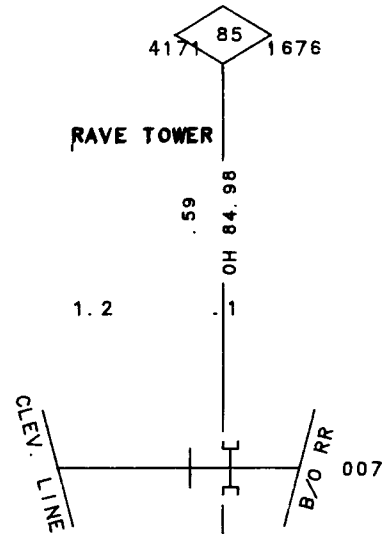
007

VALUATION
TOWN

V7243
RAVENNA

FACILITY

RAVE TOWER



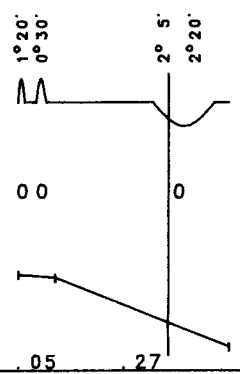
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



GRINDING	
SURFACING	67J
TIES	164
UNDERCUTTING	
RAIL	31C64
BAL. CLEAN	
TONNAGE(MGT)	
T. SPEED	10
UG. CABLE	

E-S

GRINDING			
SURFACING	37H	64E	64J
TIES		37	64
UNDERCUTTING			
RAIL	31C47	30C30	30-20
BAL. CLEAN			
TONNAGE(MGT)			
T. SPEED		15	
UG. CABLE			

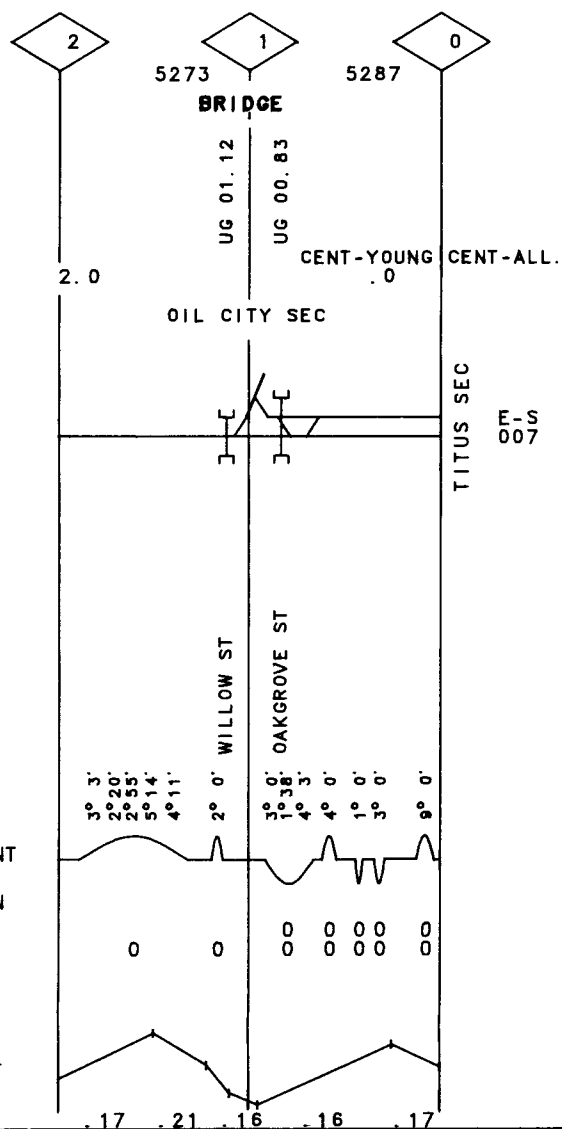
007

VALUATION
TOWN

V7207

OIL CITY

FACILITY



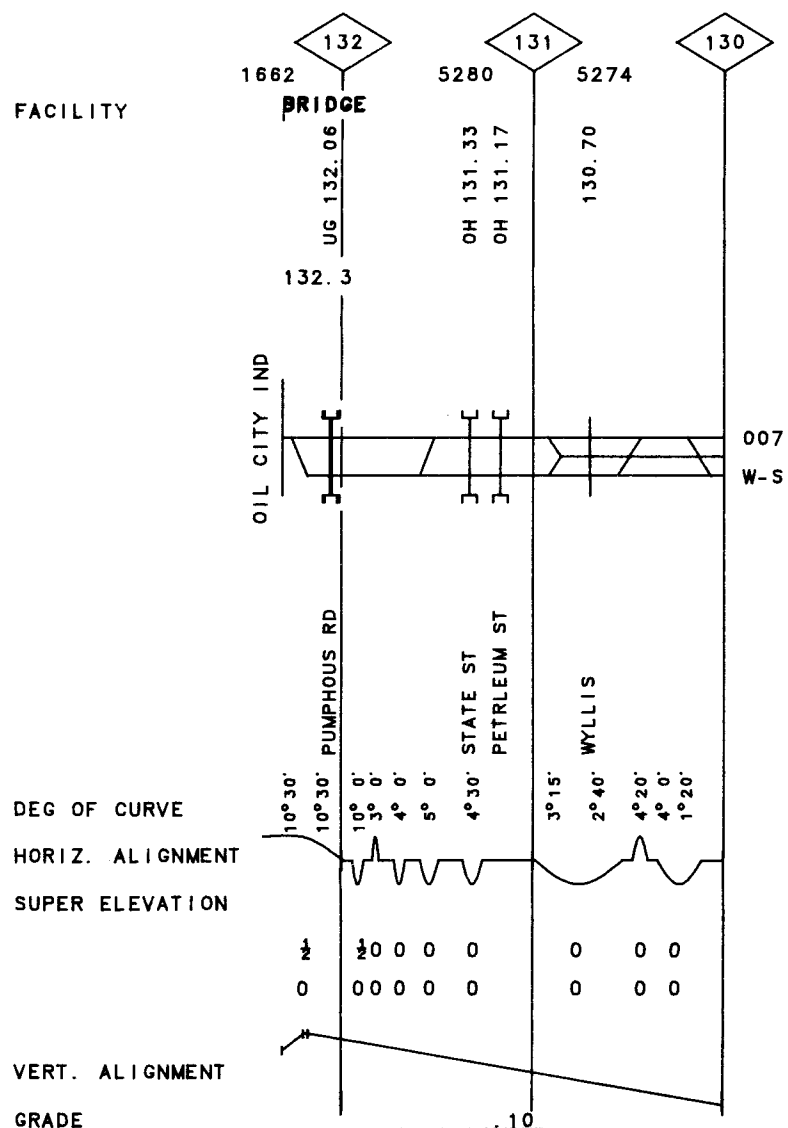
GRINDING	
SURFACING	82
TIES	82
UNDERCUTTING	
RAIL	30C48 30F28 30C47
BAL. CLEAN	
TONNAGE (MGT)	
T. SPEED	15
UG. CABLE	

007

GRINDING	
SURFACING	63M
TIES	55
UNDERCUTTING	
RAIL	30C47 00F21
BAL. CLEAN	
TONNAGE (MGT)	
T. SPEED	10
UG. CABLE	

W-S

VALUATION TOWN V7035



VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

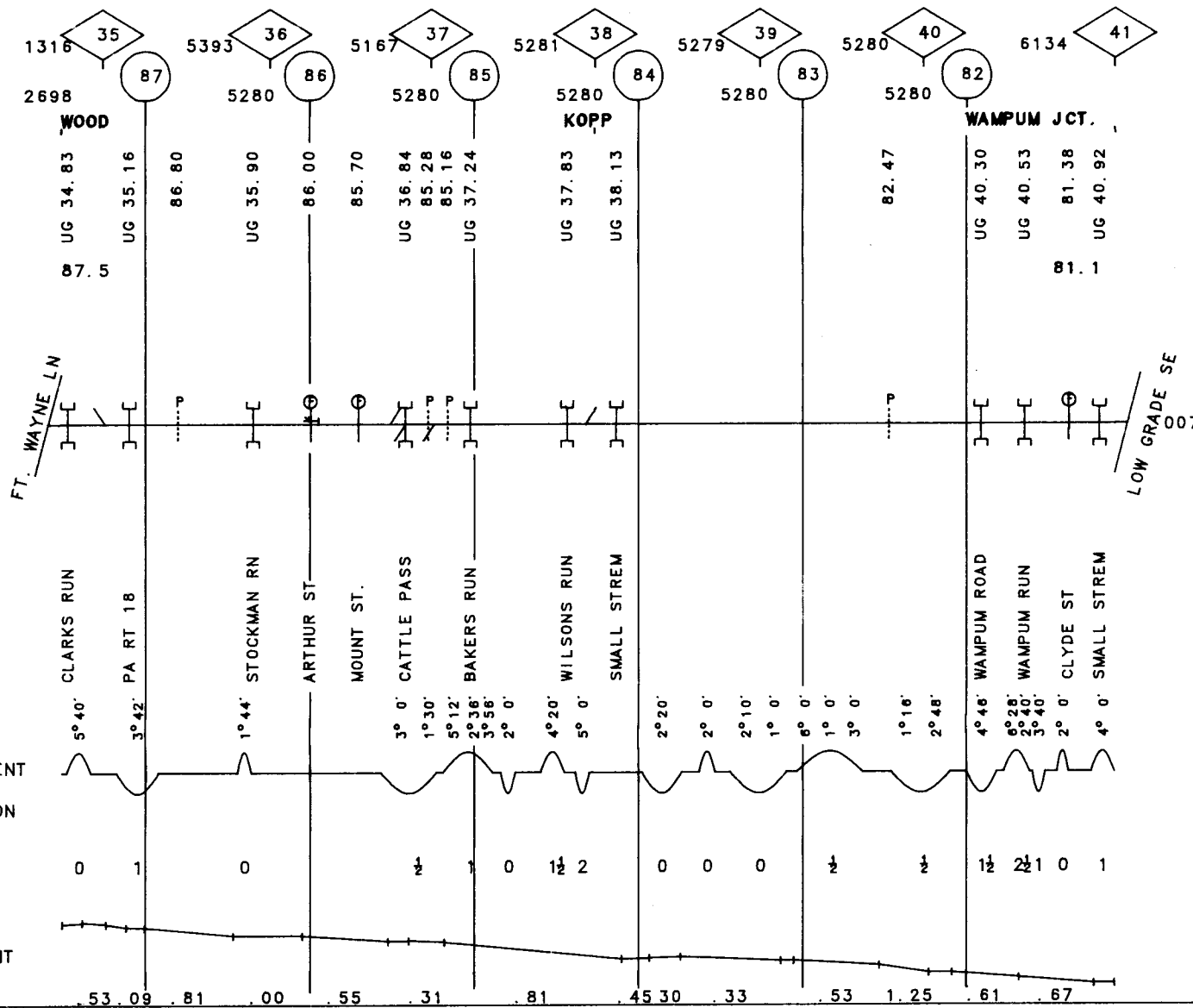
VERT. ALIGNMENT

GRADE

KOPPEL

V7416

CRESCENTDALE



GRINDING	
SURFACING	81
TIES	81
UNDERCUTTING	
RAIL	30-41
BAL. CLEAN	
TONNAGE (MGT)	0.0
T. T. SPEED	30
UG. CABLE	

007

007

LOW GRADE SE

GRINDING					79(1)
SURFACING		78	78E		76
TIES					
UNDERCUTTING					
RAIL		30-67			
BAL. CLEAN					31F78
TONNAGE(MGT)			0.0		
T. SPEED	15		40		
UG. CABLE					

VALUATION
TOWN

ORRVILLE

V7307

MARSHALVILLE

FACILITY

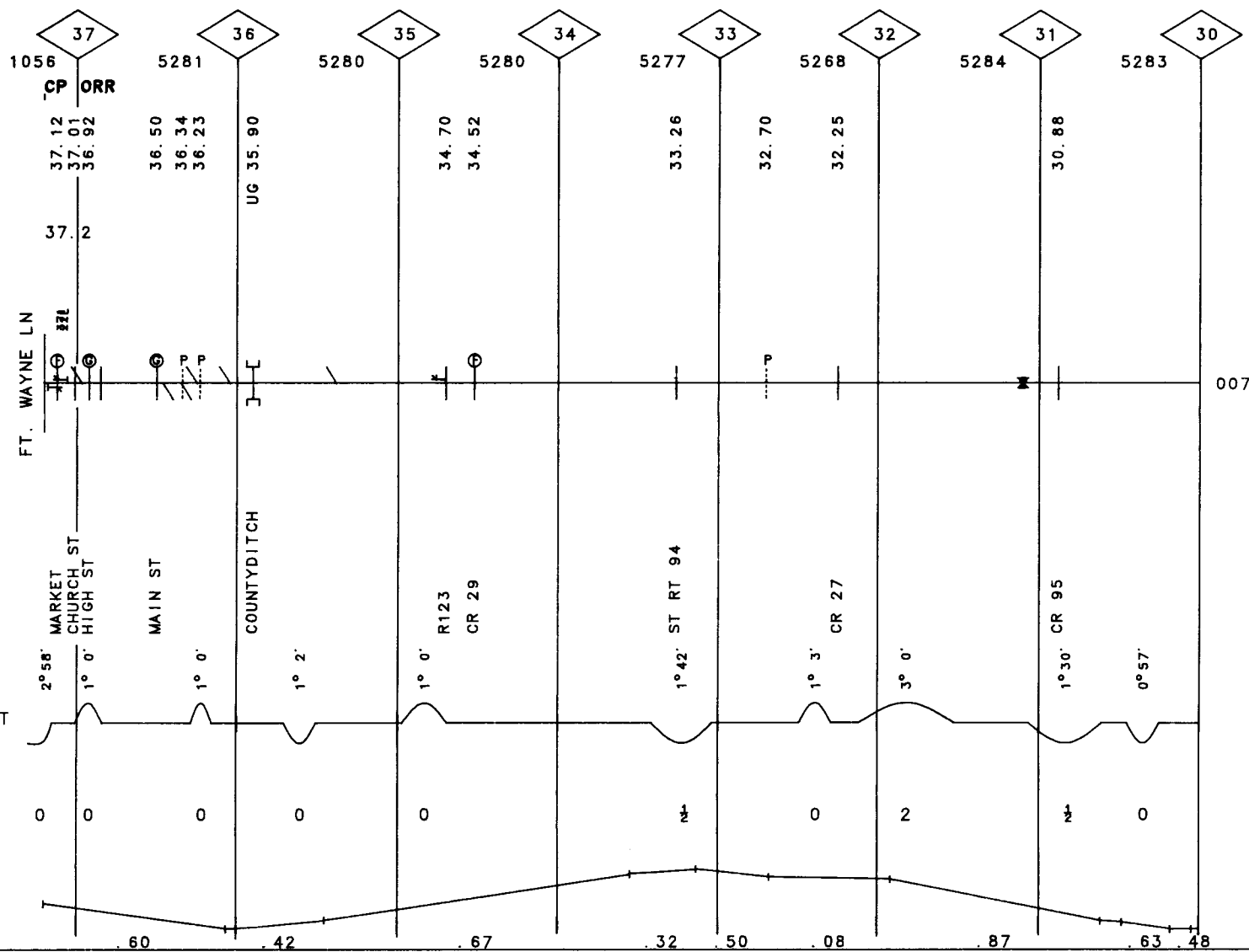
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



GRINDING	
SURFACING	67PB
TIES	67PB
UNDERCUTTING	
RAIL	130-29 00-29 100-28 00-29
BAL. CLEAN	
TONNAGE (MGT)	1 0.3
T Y SPEED	10
UG. CABLE	

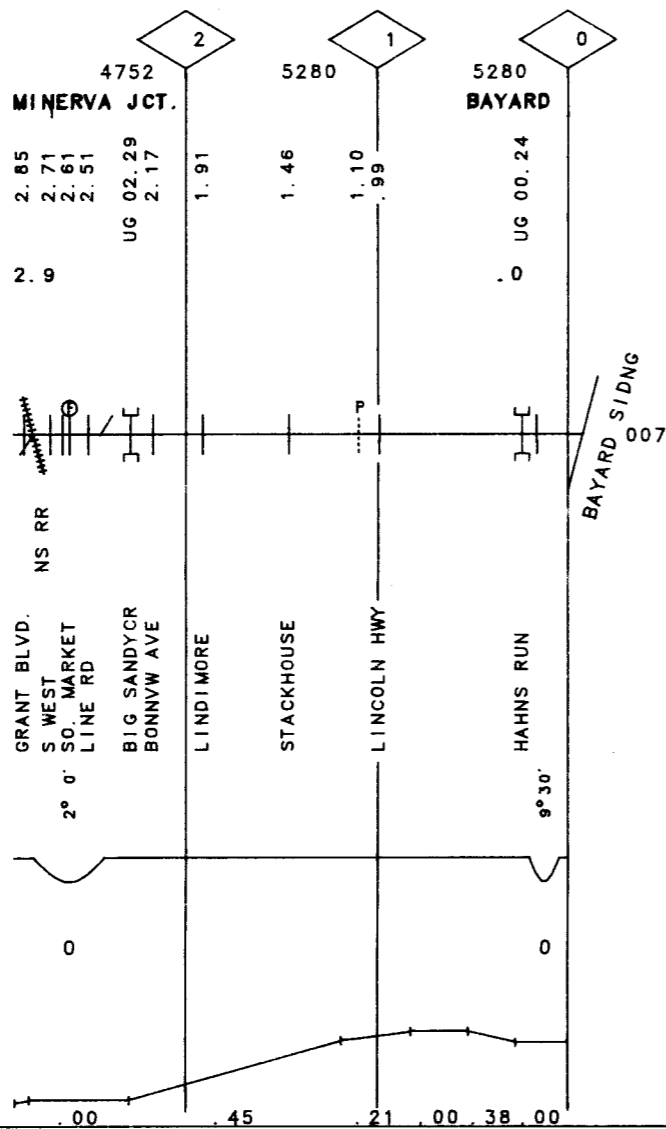
007

VALUATION
TOWN

V7440

MINERVA

FACILITY



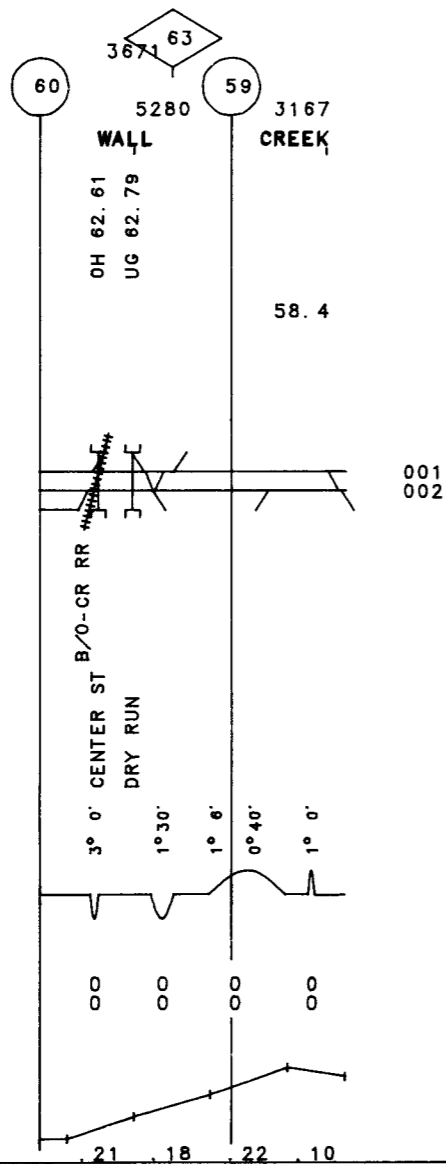
GRINDING			
SURFACING	85		
TIES	85		
UNDERCUTTING			
RAIL	30-29		001
BAL. CLEAN			
TONNAGE (MGT)	12.3		
T T SPEED	15	15	
UG. CABLE	10	25	

GRINDING			
SURFACING	85		
TIES	85		
UNDERCUTTING			
RAIL	31F85		002
BAL. CLEAN			
TONNAGE (MGT)	12.3		
T T SPEED	25	25	
UG. CABLE	10	N-10.0	15

VALUATION
TOWN

V7420

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

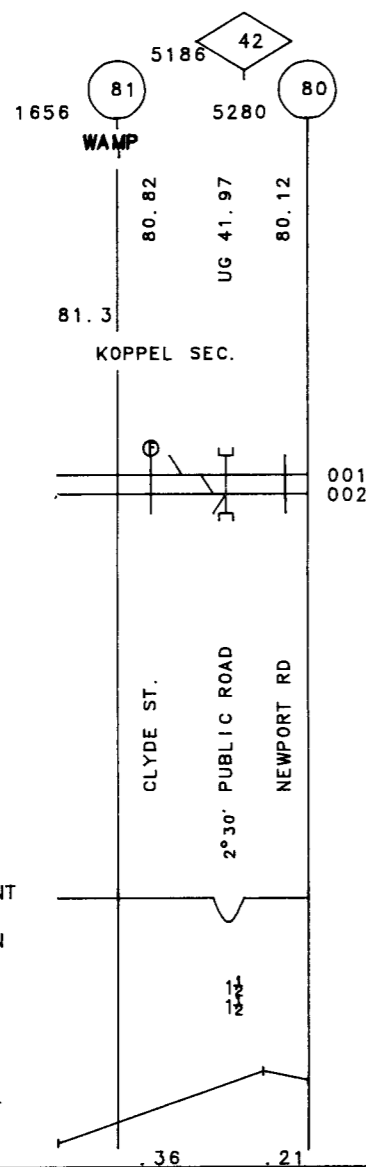
GRADE

GRINDING	84	
SURFACING	83	
TIES	83	
UNDERCUTTING		
RAIL	31F83	001
BAL. CLEAN		
TONNAGE (MGT)	8.5	
T. T. SPEED	40	
UG. CABLE		

GRINDING	85	
SURFACING	83	
TIES	83	
UNDERCUTTING		
RAIL	31F83	002
BAL. CLEAN	85	
TONNAGE (MGT)	15.4	
T. T. SPEED	40	
UG. CABLE	N-10.0	

VALUATION
TOWNV7415
WAMPUM JUNCTION

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

