



MAINTENANCE PROGRAM

AND

TRACK CHART

WESTERN REGION

TOLEDO DIVISION

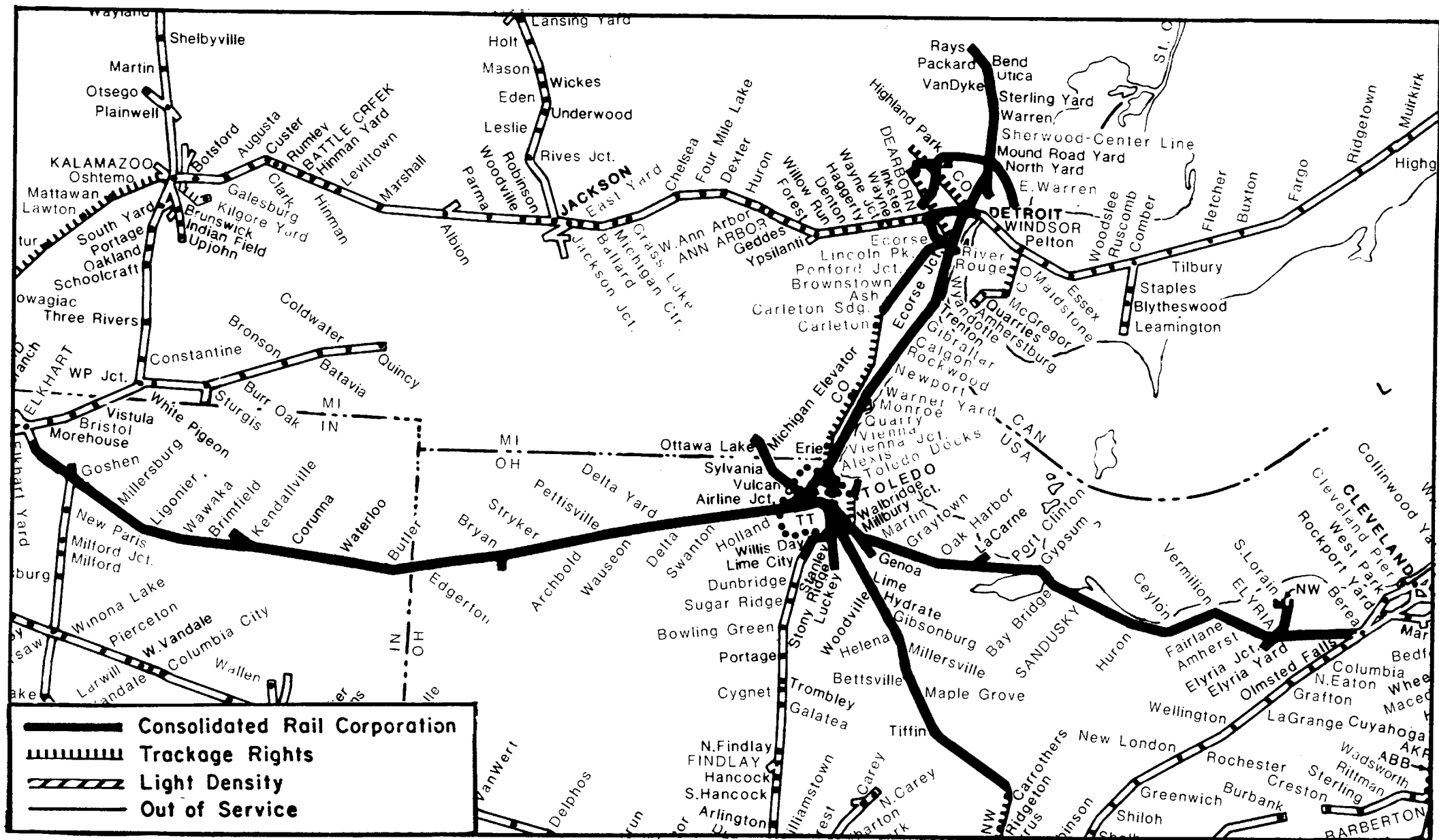
1984

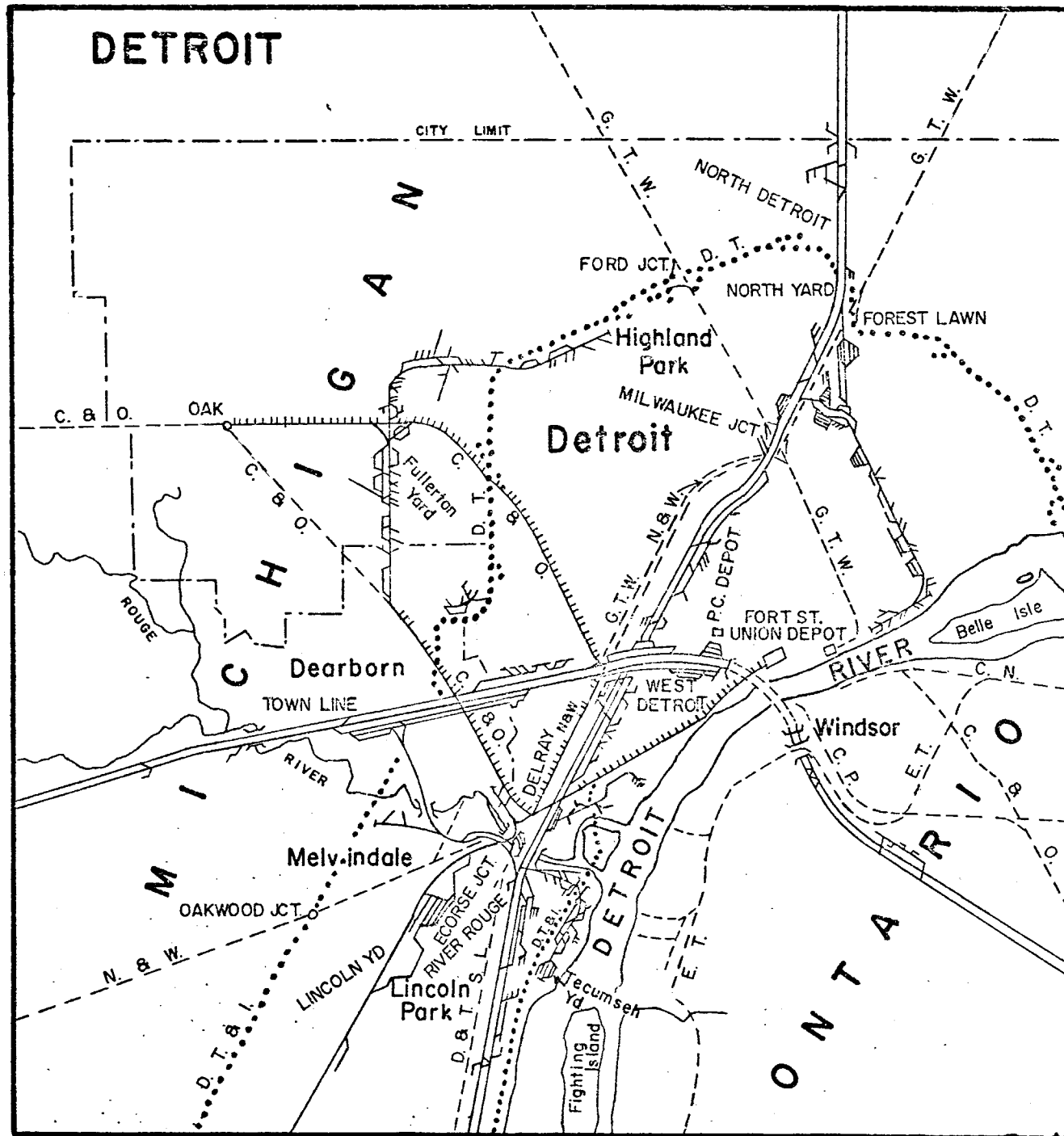


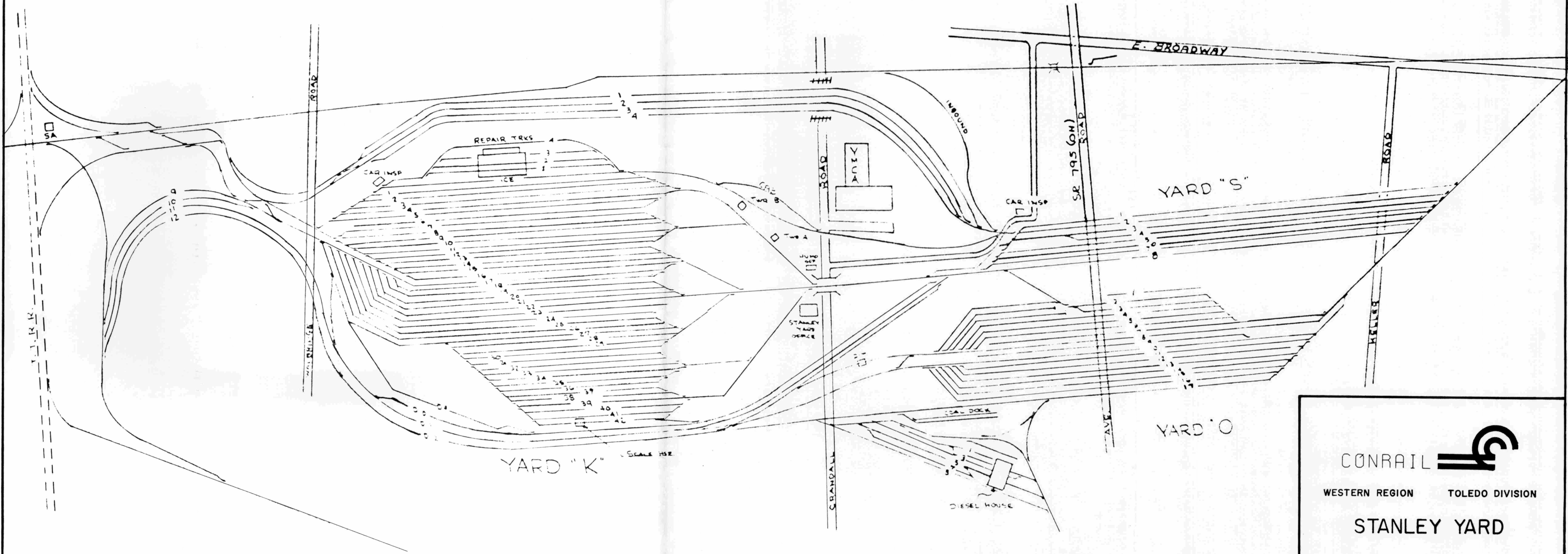
LINE NAME	BETWEEN	M.P. TO M.P.	CODE	STATE	PAGE
M.L. (BFLO. & CHI.)	BEREA & STATE LINE	194.3-355.3	36-3600	OH	1- 17
M.L. (BFLO. & CHI.)	STATE LINE & ELKHART	355.3-420.0	36-3600	IN	17- 23
M.L. (SUSP. BR. & CHI.)	INTL BOUNDARY & TOWN LINE	0.2- 7.6	36-5204	MI	24- 24
CARROTHERS BR.	CARROTHERS & WALBRIDGE	27.1- 80.5	36-3612	OH	27- 33
CLINTON SEC.	VULCAN & STATE LINE	299.3-308.0	36-3635	OH	40- 40
CLINTON SEC.	STATE LINE & EAST RIGA	308.0-315.5	36-3635	MI	40- 41
DD&D BR.	DETROIT	0.0- 1.1	36-5249	MI	69- 69
DELTA SPUR	DETROIT (TOLEDO BR. & END)	0.0- 0.8	36-5250	MI	70- 70
DETROIT BELT LINE	DETROIT, MI.	0.0- 0.2	36-5245	MI	65- 65
DETROIT BELT LINE	DETROIT, MI.	1.1- 4.4	36-5245	MI	66- 66
DETROIT BELT LINE EXT.	DETROIT, MI.	0.0- 1.9	36-5246	MI	67- 67
DETROIT TERMINAL R. R.	DETROIT & DEARBORN	0.0- 19.2	36-5999	MI	76- 77
DETROIT TRANSIT	DETROIT, MI.	0.0- 1.3	36-5247	MI	68- 68
EASTERN BR.	TOLEDO (SA) & STONY RIDGE	4.0- 8.5	36-3632	OH	34- 34
EASTERN BR.	STONEY RIDGE & LUCKEY	8.5- 14.8	36-8132	OH	35- 35
EXPOSITION SPUR	DETROIT (TOLEDO BR. & END)	0.0- 2.9	36-5251	MI	71- 71
FOREMAN WYE	DETROIT AT DELRAY	0.0- 1.2	36-5252	MI	72- 72
GALENA YARD TRACK	OLIVE & GALENA	85.6- 86.6	36-3612	OH	33- 33
GENOA IND.	GENOA & MILLBURY JCT.	281.5-287.6	36-3633	OH	39- 39
GR&I SEC.	KENDALLVILLE	119.0-120.1	36-3138	IN	26- 26
HIGHLAND PARK BR.	DEARBORN & HIGHLAND PARK	0.0- 7.6	36-5257	MI	74- 74
JUNCTION YD BR.	SCHAEFER TOWER & "YD"	0.0- 4.1	36-5231	MI	57- 57
LINCOLN BR.	CARLETON & ECORSE JCT.	116.4-136.4	36-5232	MI	58- 60
LORAIN RUN. TK.	ELYRIA YD. & SO. LORAIN	0.0- 6.8	36-3631	OH	37- 37
MACKINAW BR.	DETROIT & RAYS	2.1- 28.1	36-5233	MI	62- 64
MARION BR.	GOSHEN & YOST (CPS7)	55.4- 57.5	36-3643	IN	42- 42
MARSH TK.	DETROIT, MI.	0.0- 3.6	36-5254	MI	73- 73
MIAMI CUT BR.	MAUMEE & STANLEY (SA)	1.2- 4.0	36-3632	OH	34- 34
MONROE IND. TK.	MONROE (TOL. BR. -MONROE PT. -END)	0.0- 2.1	36-5258	MI	75- 75
NORTHERN IND. TRK.	BRYAN, OH.	58.7- 59.9	36-8248	OH	61- 61
NORWALK YARD TRACK	ELYRIA JCT.	208.9-209.4	36-3633	OH	38- 38
RIVER IND. TK.	TOLEDO OH.	0.0- 1.0	36-3648	OH	45- 45
SHIPSHEWANA BR.	GOSHEN	0.0- 0.7	36-3642	IN	43- 43
STANLEY SEC.	BAKDALE & STANLEY (SA)	1.8- 5.3	36-3644	OH	44- 44
TOLEDO BR.	DETROIT & STATE LINE	2.7- 49.4	36-5221	MI	47- 54
TOLEDO BR.	STATE LINE & ALEXIS	49.4- 50.1	36-5221	OH	54- 55
TOLEDO BR.	ALEXIS & SWAN CREEK	50.1- 57.7	36-3621	OH	56- 56




LINE NAME	BETWEEN	M.P. TO M.P.	CODE	STATE	PAGE
OLIVE SEC.	WALBRIDGE & OLIVE	80.5- 85.6	36-3612	OH	33- 33
WATER STREET IND. TK.	TOLEDO OH.	0.0- 1.0	36-3649	OH	46- 46
WATERLOO IND. TK.	WATERLOO, IN.	25.0- 25.6	36-3136	IN	25- 25
WESTERN BR.	TOLEDO (SA) & LIME CITY	4.0- 8.8	36-3622	OH	36- 36







CONRAIL 
 WESTERN REGION TOLEDO DIVISION
 STANLEY YARD

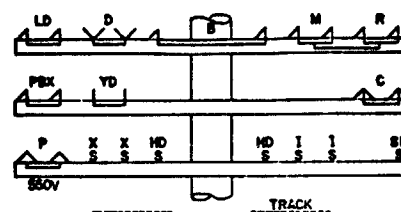
PROGRAM LEGEND
DATE OF WORK PRECEDES CODE (IF KNOWN)

CONDITIONS	CODES
GRINDING (NO. OF PASSES)	
SURFACING	TYPE OF MACHINE USED E = Electromatic T = Tamper P = Plasser
TIES	YEAR INSTALLED ONLY FOR MAJOR REHABILITATION ST = Safety tie installations of less than 400 ties/mile
UNDERCUTTING	TYPE OF MACHINE USED PD = Plow (Bulldozer) UK = Undercut (Kershaw) PL = Plow (Loram) UP = Undercut (Plasser)
RAIL	TYPE AND CONDITION C = Cropped HT = Heat Treated F = Fit /// = Continuous Welded Rail (Butt welded rails 79 feet or longer where laid in succession)
BALLAST	TYPE OF MACHINE USED
CLEANING	L = Loram S = Speno
TONNAGE	(MGT) in Million Gross Tons (Prior Year)
TIMETABLE	
SPEED	Passenger/Fast Freight/Freight
UG CABLE	---- Conrail AT&T N, S, E, W, = Direction Footage = Distance From Center Line Of Track
84 PROGRAMMED WORK	SURFACE AFTER RAIL

CHART LEGEND

M/W TEST LOCATION	----	T1
TUNNEL	----	----
BRIDGE (OH & UG)	----	----
LONG BRIDGE	----	----
RR XING	----	----
PUB RD XING (GRADE)	----	----
PUB RD XING (GRADE)	----	----
(W/FLSH)	----	----
PUB RD XING (GRADE)	----	----
(W/FLSH & GATES)	----	----
PRIVATE RD XING	----	----
AUTOMATIC SIGNAL	----	----
CURVE LUBRICATOR	----	----
DRAWING EQUIP DET	----	----
HOT BOX DET	----	----
(PT. DIR. TRAFFIC)	----	----
HOT BOX & DRAG EQUIP	----	----
(WITHIN 250')	----	----
TIMETABLE M.P.	----	----
VALUATION M.P.	----	----
ENDANGERED PLANT	----	----
SPECIES	----	----

POLE LINE DIAGRAM



- ▲ NO. 9 COPPER WIRE
- ▼ NO. 8 COPPER WIRE
- ▲ NO. 8 WEATHER PROOF COPPERWELD
- I NO. 8 IRON
- ▲ NO. 6 WEATHER PROOF COPPER
- S NO. 10 WEATHER PROOF COPPERWELD

KEY TO PIN SYMBOLS

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

KEY TO LINE CIRCUITS

GRINDING	WPS	0041
SURFACING	79T	80E
TIES	79	79
UNDERCUTTING		
RAIL		27F79
BAL CLEAN		61S
TONNAGE (MGT)		28.8
T SPEED	30	30
UG CABLE		

004

GRINDING		82	
SURFACING	81	81	
TIES		79	
UNDERCUTTING		81	
RAIL		40-75	40-75
BAL CLEAN		80L	81
TONNAGE (MGT)		20.8	
T SPEED	50/50/40	70/60/50	35/35/35 170/60/50
UG CABLE			

002

GRINDING		82	
SURFACING	81	79T	81
TIES		79	
UNDERCUTTING		81	
RAIL	40-75	27-64	40-75
BAL CLEAN		80L	81
TONNAGE (MGT)	32.9		27.1
T SPEED	70/60/50	70/60/50	35/35/35 170/60/50
UG CABLE			

001

VALUATION
TOWN

V2040/V2000

BEREA

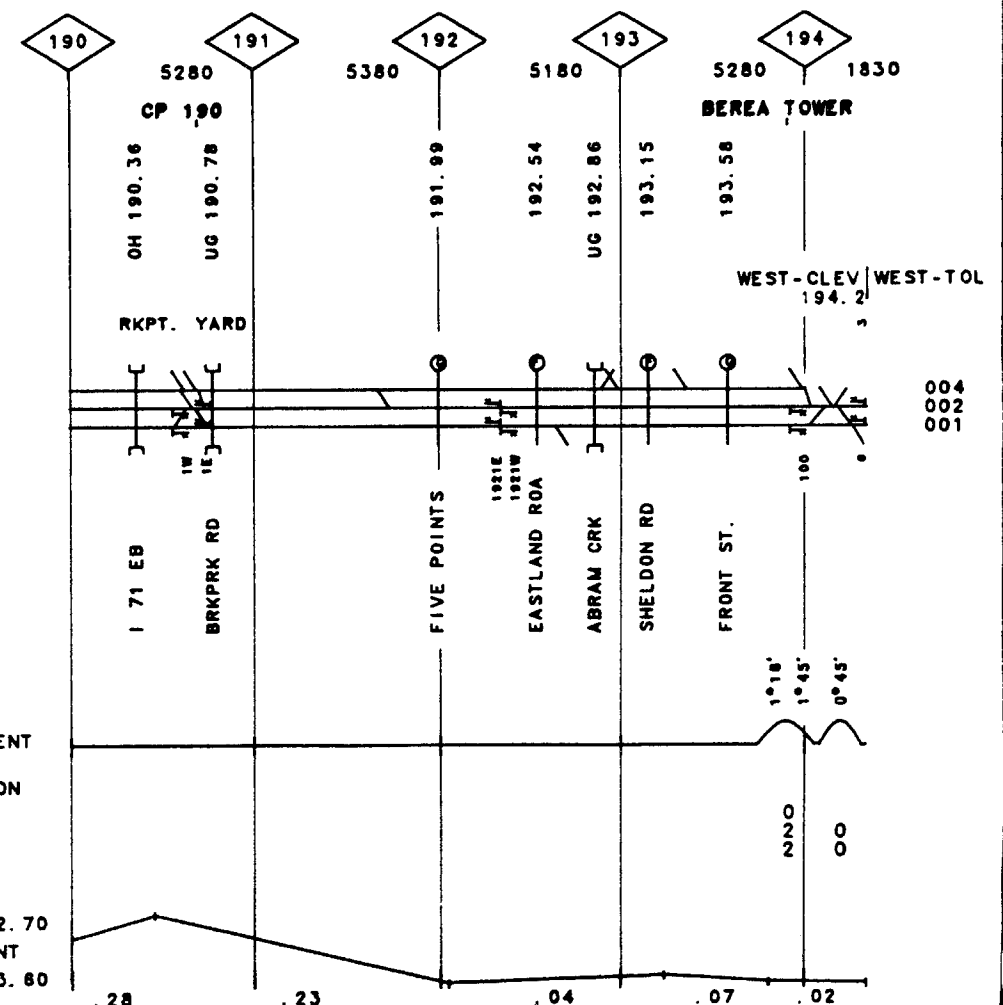
FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 232.70
VERT. ALIGNMENT
MIN ELEV 213.60
GRADE



004
002
001

COST CENTER LISTING FOR TOLEDO 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>
FOREMAN WYE	.00	.48	007	19468	36 5252
HIGHLAND PARK BR	.00	3.10	007	19466	36 5257
HIGHLAND PARK BR	3.10	7.60	007	19469	36 5257
FULLERTON YARD	3.30	3.30	YRD	19483	36 5257

LIMITING CLEARANCE BY LINE

TOLEDO DIVISION

<u>LINE</u>	<u>BETWEEN</u>	<u>M.P. TO M.P.</u>	<u>STRUCTURES</u>	<u>CLEARANCES</u>	<u>CODE</u>
M.L. (Bflo & Chi)	Rerea & State Line	194.3-355.3	O.H. Br 287.08	19'- 5"	36-3600
M.L. (Bflo & Chi)	State Line & Elkhart	355.3-420.0	O.H. Br 373.29	19'- 10"	36-3600
M.L. (Susp Br & Chi)	Intl Boundry & Town Line	0.2- 7.6	O.H. Br 5.67	18'- 6"	36-5204
Carrothers Br.	Carrothers & Walbridge	27.1- 80.5	O.H. Br 43.60	23'- 0"	36-3612
Clinton Sec.	Vulcan & State Line	299.3-308.0	No Info	-	36-3635
Clinton Sec.	State Line & East Riga	308.0-315.5	No Rest.	-	36-3635
DD&D Br.	Detroit	0.0- 1.1	No Rest.	-	36-5249
Delta Spur	Detroit (Toledo Br. & End)	0.0- 0.8	No Rest.	-	36-5250
Detroit Belt Line	Detroit, MI	0.0- 0.2	No Rest.	-	36-5245
Detroit Belt Line	Detroit, MI	1.1- 4.4	No Rest.	-	36-5245
Detroit Belt Line Ext.	Detroit, MI	0.0- 1.9	No Rest.	-	36-5246
Detroit terminal R.R.	Detroit & Dearborn	0.0- 19.2	No Rest.	-	36-5999
Detroit Transit	Detroit, MI	0.0- 1.3	No Rest.	-	36-5247
Eastern Br.	Toledo (SA) & Stony Ridge	4.0- 8.5	No Info	-	36-3632
Eastern Br.	Stoney Ridge & Luckey	8.5- 14.8	No Rest.	-	36-8132
Exposition Spur	Detroit (Toledo Br. & End)	0.0- 2.9	No Rest.	-	36-5251
Foreman Wye	Detroit at Delray	0.0- 1.2	No Rest.	-	36-5252
Galena Yard Track	Olive & Galena	85.6- 86.6	No Info	-	36-3612
Genoa Ind.	Genoa & Millbury Jct.	281.5-287.6	No Rest.	-	36-3633
GR&I Sec.	Kendallville	119.0-120.1	No Rest.	-	36-3138
Highland Park Br.	Dearborn & Highland Park	0.0- 7.6	No Rest.	-	36-5257
Junction Yd Br.	Schaefer Tower & "Yd"	0.0- 4.1	No Rest.	-	36-5231
Lincoln Br.	Carleton & Ecorse Jct.	116.4-136.4	No Rest.	-	36-5232
Lorain Run. Tk.	Elyria Yd. & So. Lorain	0.0- 6.8	No Info	-	36-3631

Note: Clearance indicated is actual clearance.
Published clearance is 4 inches below actual.

LIMITING CLEARANCE BY LINE

TOLEDO DIVISION

<u>LINE</u>	<u>BETWEEN</u>	<u>M.P. TO M.P.</u>	<u>STRUCTURES</u>	<u>CLEARANCES</u>	<u>CODE</u>
Mackinaw Br.	Detroit & Rays	2.1- 28.1	No Rest.	-	36-5233
Michigan Br.	Goshen & Yost (CP57)	55.4- 57.5	No Rest.	-	36-3643
Marsh Tk.	Detroit, MI	0.0- 3.6	No Rest.	-	36-5254
Miami Cut Br.	Maumee & Stanley (SA)	1.2- 4.0	No Info	-	36-3632
Monroe Ind. Tk.	Monroe (101Br-Monroe Pt End)	0.0- 2.1	No Rest.	-	36-5358
Northern Ind. Trk.	Bryan, OH	58.7- 59.9	No Rest.	-	36-8248
Norwalk Yard Track	Elyria Jct.	208.9-209.4	No Rest.	-	36-3633
River Ind. Tk.	Toledo, OH	0.0- 1.0	No Rest.	-	36-3648
Shipshewana Br.	Goshen	0.0- 0.7	No Rest.	-	36-3642
Stanley Sec.	Oakdale & Stanley (SA)	1.8- 5.3	T.T. Br 2.10	20'- 0"	36-3644
Toledo Br.	Detroit & State Line	2.7- 49.4	No Rest.	-	36-5221
Toledo Br.	State Line & Alexis	49.4- 50.1	No Rest.	-	36-5221
Toledo Br.	Alexis & Swan Creek	50.1- 57.7	No Rest.	-	36-3621
Olive Sec.	Wa;brodge & Olive	80.5- 85.6	No Rest.	-	36-3612
Water Street Ind. Tk.	Toledo OH	0.0- 1.0	No Rest.	-	36-3649
Waterloo Ind. Tk.	Waterloo, IN	25.0- 25.6	No Rest.	-	36-3136
Western Br.	Toledo (SA) & Lime City	4.0- 8.8	No Info	-	36-3622

Note: Clearance indicated is actual clearance.
Published clearance is 4 inches below actual.

Conrail Engineering
Maintenance of Way Field Tests
Toledo Division

T1 - Rubber Crossing Surface - Gen Trac II rubber panels on wooden shims manufactured by General Tire Co. Installed November, 1982, at Detroit, MI, Tireman Avenue, on the Detroit Terminal, LC 5999, MP 3.22.

GRINDING	82	75(1)
SURFACING		83
TIES		83
UNDERCUTTING		
RAIL		40-15
BAL. CLEAN		83
TONNAGE(MGT)		45.7
T. T. SPEED	50/50	70/70/50
UG. CABLE		

002

GRINDING	82	75(1)
SURFACING		81
TIES		81
UNDERCUTTING		
RAIL		40-15
BAL. CLEAN		83
TONNAGE(MGT)		40.4
T. T. SPEED	50/50	70/70/50
UG. CABLE		

001

GRINDING		
SURFACING		78E
TIES		78
UNDERCUTTING		
RAIL	05-221	27-27
BAL. CLEAN		
TONNAGE(MGT)		
T. T. SPEED		20
UG. CABLE		

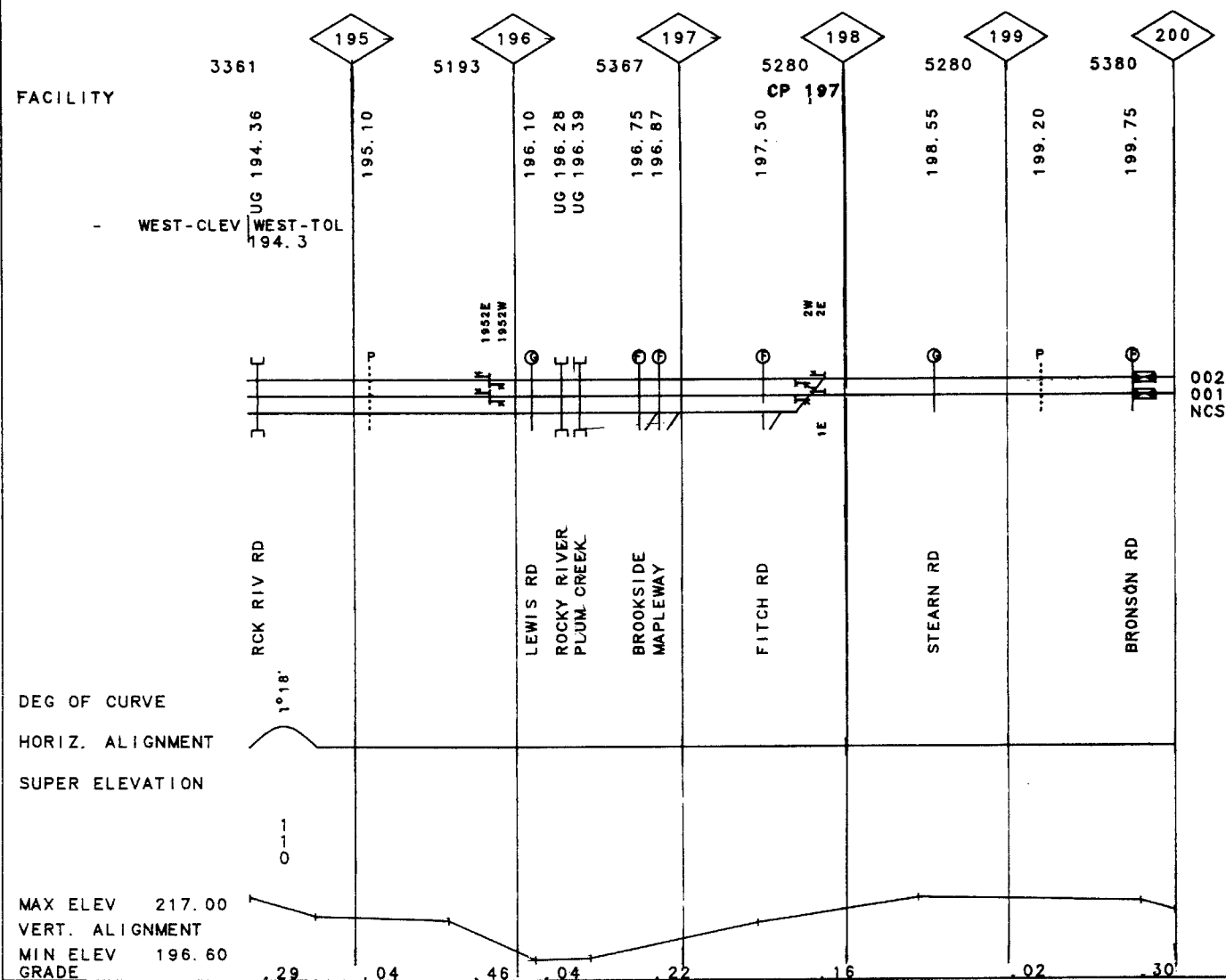
NCS

VALUATION
OWN

BEREA

V2080

OLMSTED FALLS



GRINDING	75(1)					82				75(1)
SURFACING		83				82		82		
TIES		83				82		82		
UNDERCUTTING										
RAIL		40-73				36-65				
BAL. CLEAN		83				82		82		
TONNAGE(MGT)		45				45.6				
T. SPEED		70/70/50				50/50/50		70/70/50		
UG. CABLE										

GRINDING	76(1)					82				78(1)
SURFACING		81				81		82		81
TIES		81				81		82		81
UNDERCUTTING										
RAIL		40-75				36-66		40-76		
BAL. CLEAN		81				81		81		
TONNAGE(MGT)		40.4				40.2				
T. SPEED		70/70/50				50/50/50		70/70/50		
UG. CABLE										

GRINDING										
SURFACING						81				
TIES						81				
UNDERCUTTING										
RAIL						27-48		27-46		
BAL. CLEAN										
TONNAGE(MGT)										
T. SPEED						20				
UG. CABLE										

VALUATION
TOWN

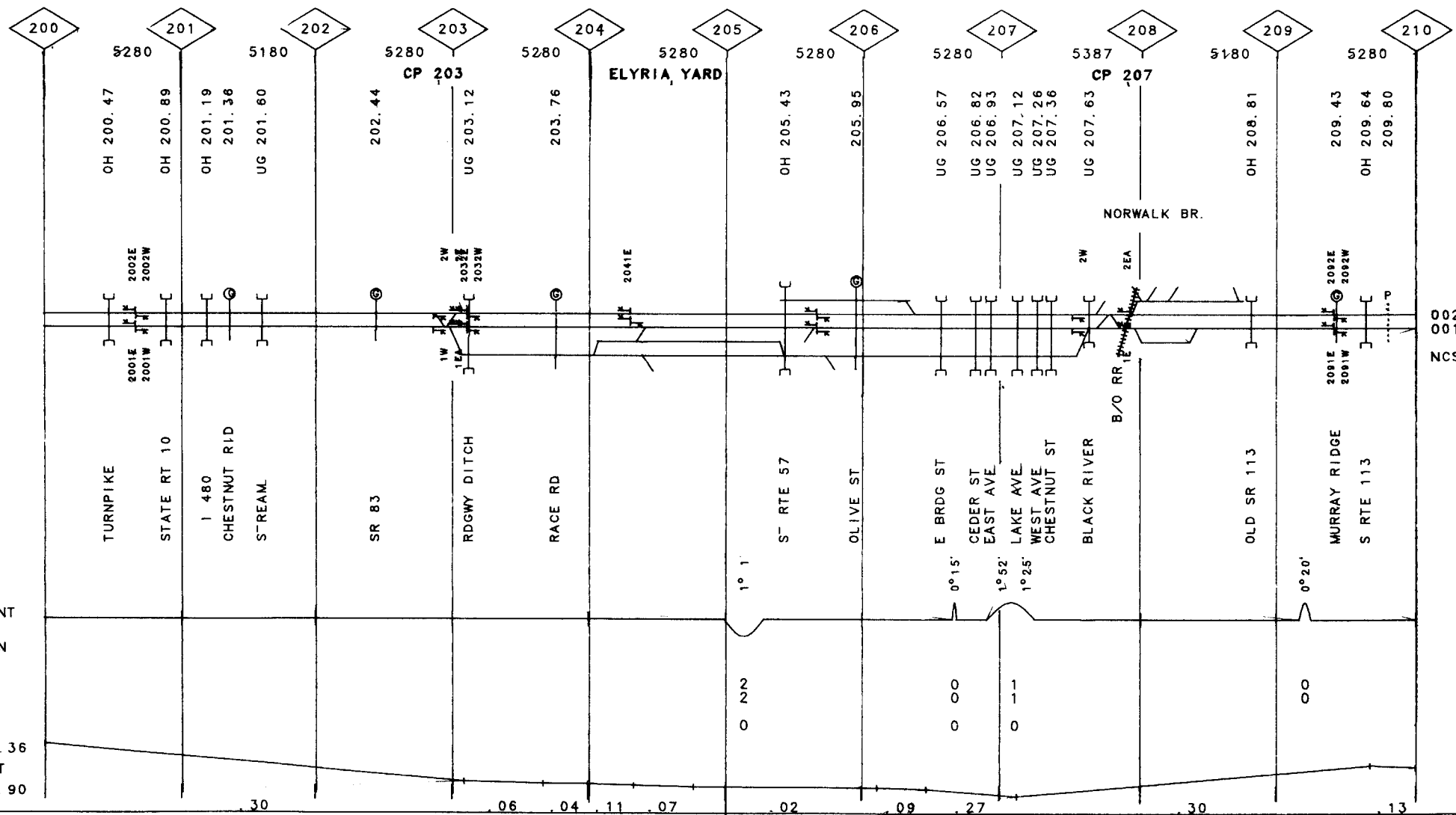
SHAWVILLE

V2060

ELYRIA

NCS

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATIONMAX ELEV 212.36
VERT. ALIGNMENT
MIN ELEV 146.90
GRADE002
001
NCS

GRINDING	75(1)	81	82	75(1)
SURFACING	82	82	82	
TIES		82	82	
UNDERCUTTING				
RAIL	36-65	32-79	36-68	75
BAL. CLEAN	82	82	81	81
TONNAGE(MGT)	45.6		46.4	
T SPEED		70/70/50		
UG. CABLE				

002

GRINDING	78(1)	81	79(1)	82
SURFACING	81	82	82	
TIES		82	82	
UNDERCUTTING				
RAIL	40-76	40-80	40-71	36-66
BAL. CLEAN	81	81	81	81
TONNAGE(MGT)	40.2		40.4	
T SPEED		70/70/50		
UG. CABLE				

001

GRINDING		64(1)
SURFACING	69	81
TIES		67
UNDERCUTTING		
RAIL	27-44	27-45
BAL. CLEAN		
TONNAGE(MGT)		
T SPEED		20
UG. CABLE		

NCS

VALUATION
TOWN

AMHERST

V2080

MILLERS

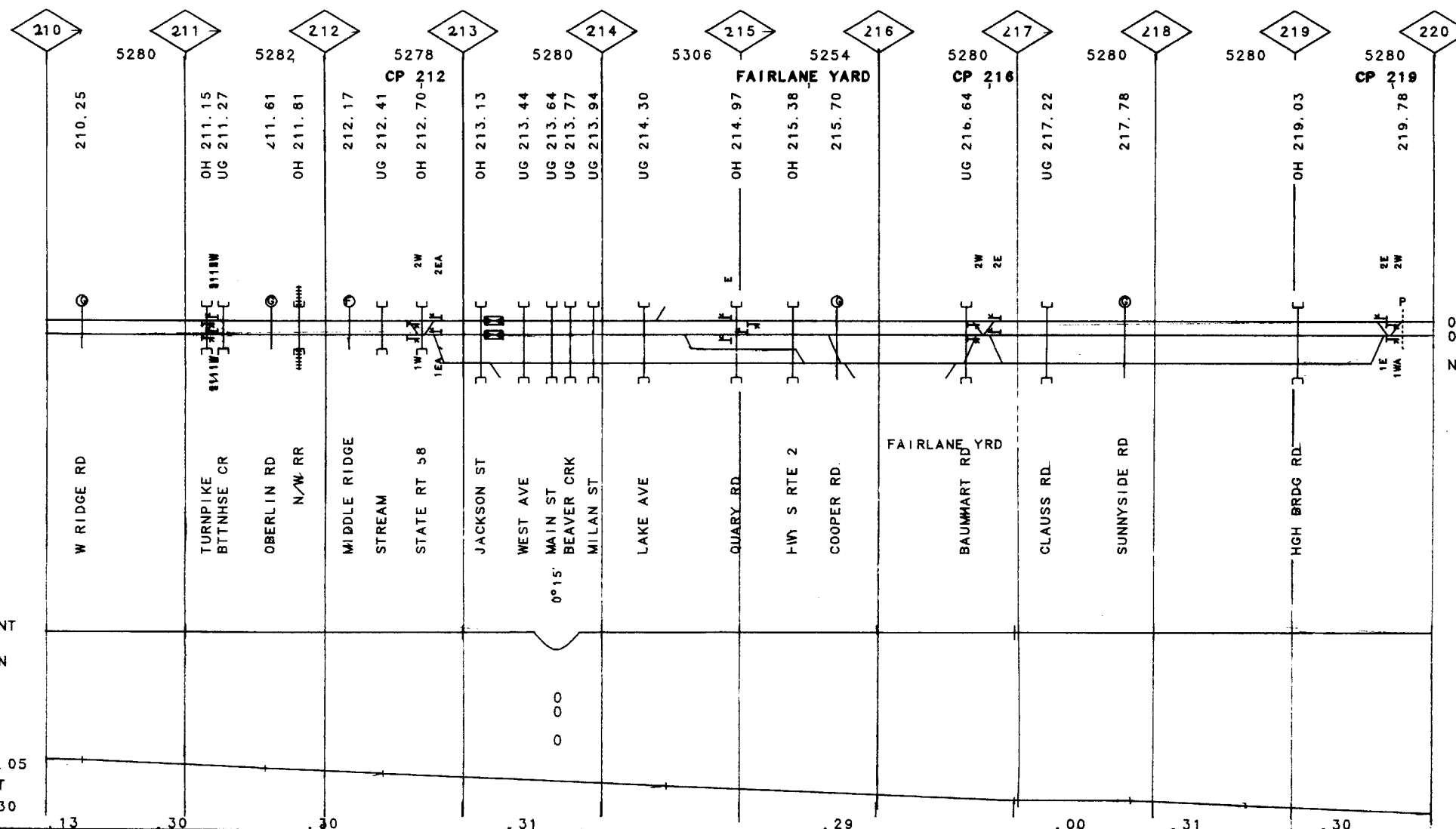
BROWNHELM

FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 184.05
VERT. ALIGNMENT
MIN ELEV 43.30
GRADE

002

001

NCS

GRINDING	82	83	83	82	83	82
SURFACING	82	83	83	82	83	82
TIES	82	83	83	82	83	82
UNDERCUTTING	82	83	83	82	83	82
RAIL	40-71	36-63	36-63	40-73	36-63	36-63
BAL. CLEAN	82	83	82	81	83	83
TONNAGE(MGT)	46.4			46.3		
T T SPEED			70/70/50			
UG. CABLE	-----S-11-----					

GRINDING	82	81	83	82	80
SURFACING	82	81	83	82	80
TIES	82	81	83	82	80
UNDERCUTTING	82	81	83	82	80
RAIL	36-61	40-72	36-68		
BAL. CLEAN	81	83			
TONNAGE(MGT)		40.4			
T T SPEED		70/70/50			
UG. CABLE					

VALUATION
TOWN

HURON

V2060

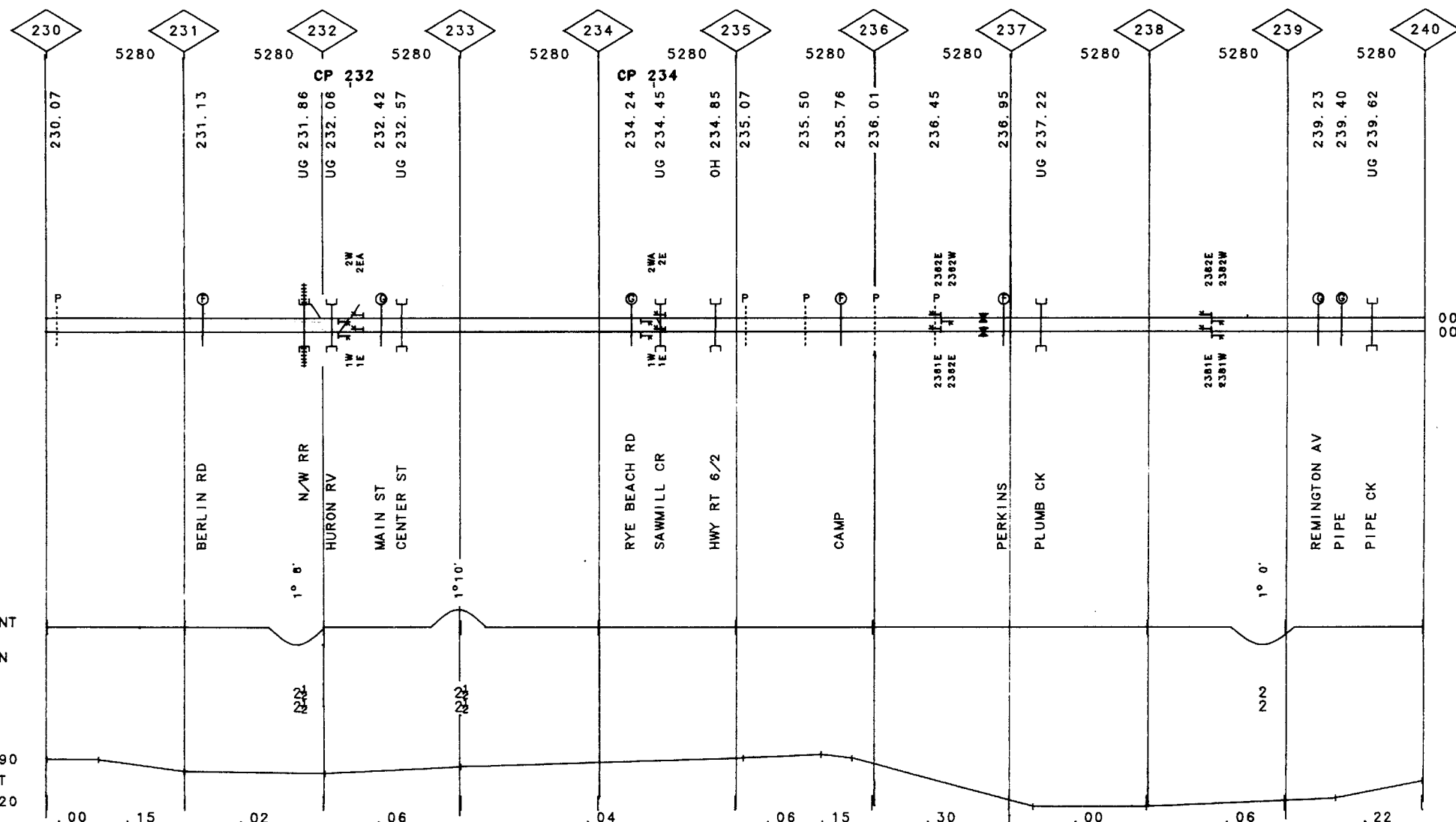
FACILITY

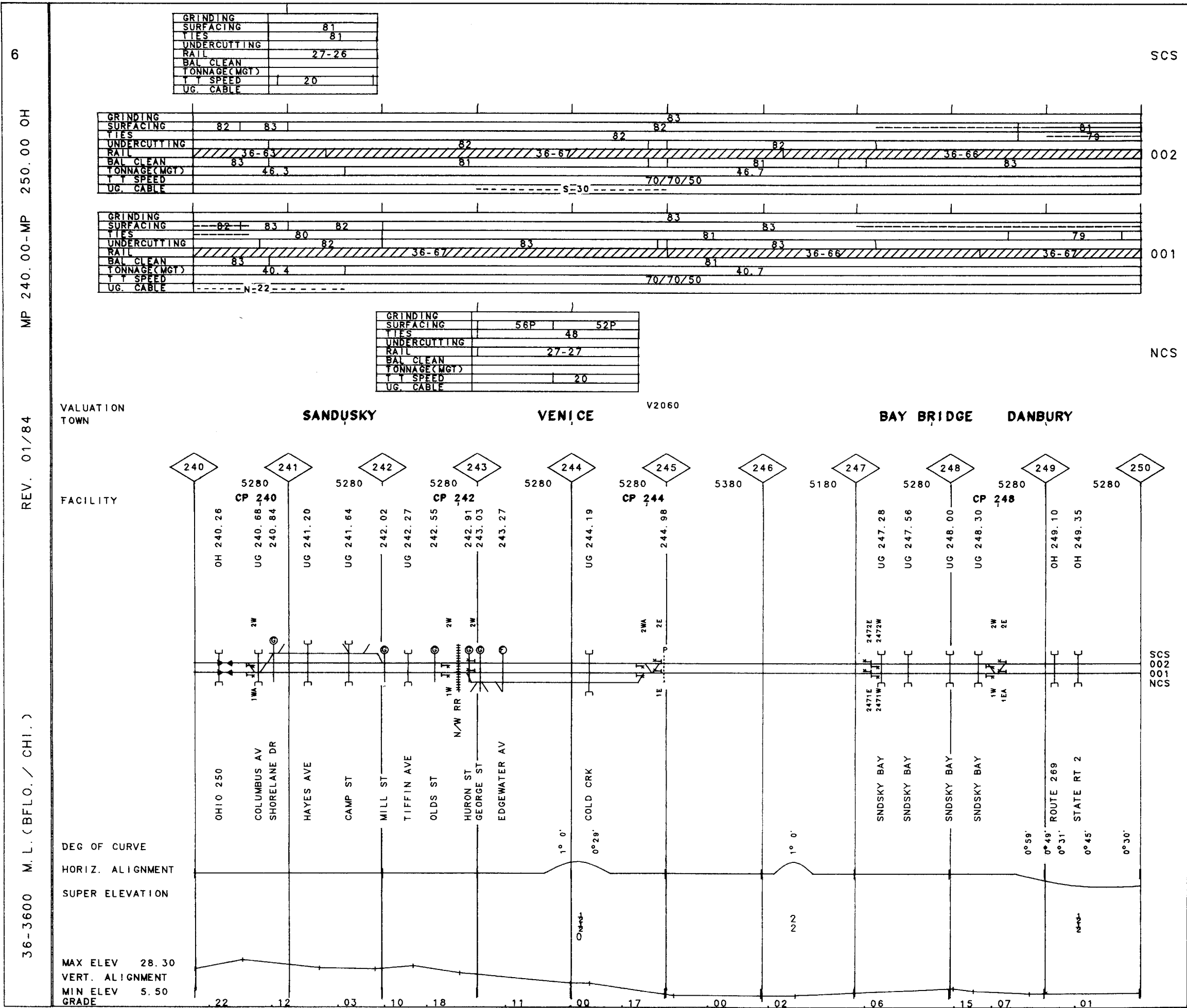
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 33.90
VERT. ALIGNMENT
MIN ELEV 11.20
GRADE





[illegible][illegible]

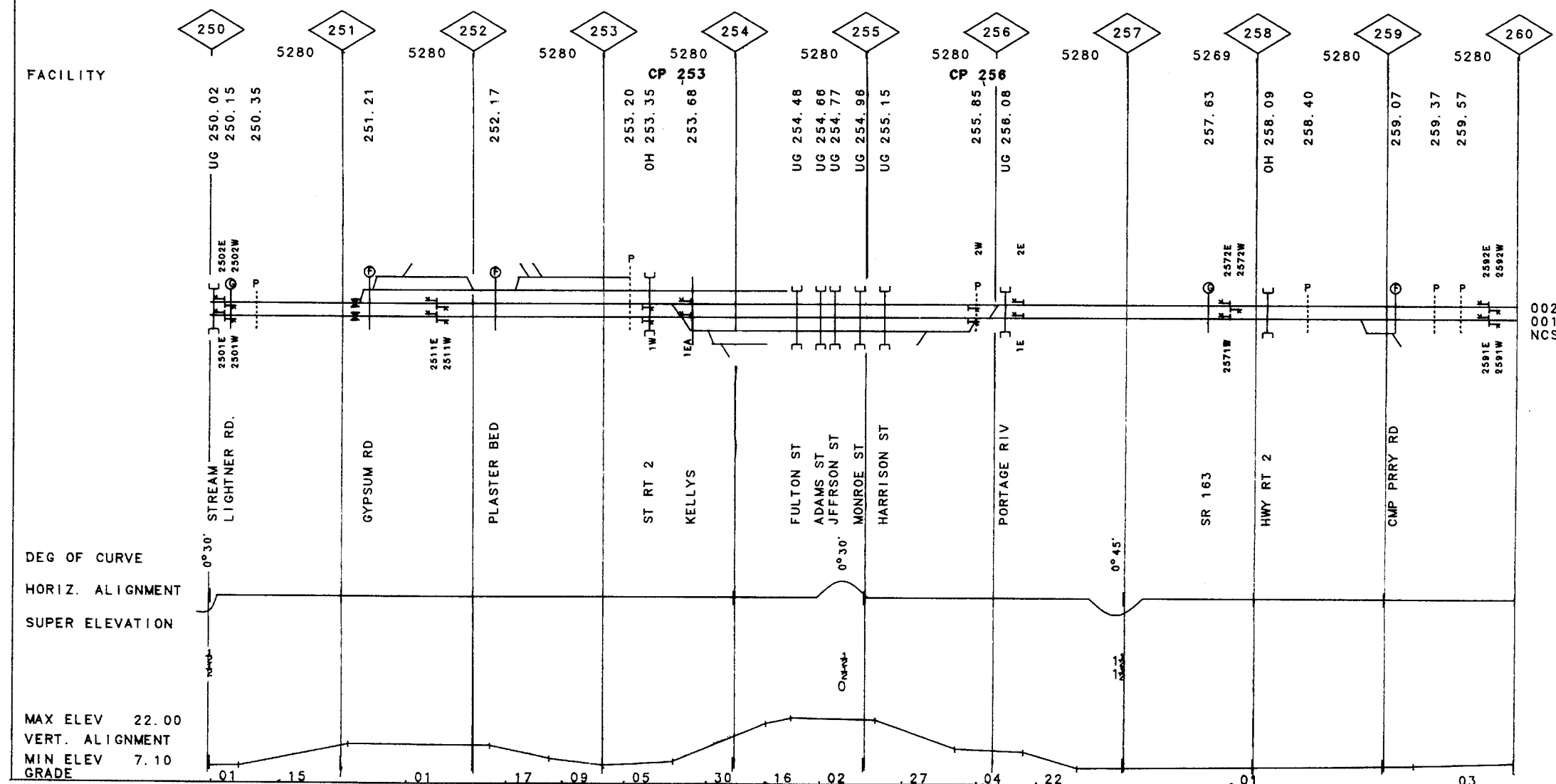
GRINDING		
SURFACING		71
TIES		78
UNDERCUTTING		
RAIL		27-29
BAL CLEAN		
TONNAGE(MGT)		
T T SPEED		20
UG. CABLE		

VALUATION
TOWN

GYPSUM

PORT CLINTON ^{V2060}

FACILITY



36-3600 M. L. (BFLO. / CHI.)

REV. 01/84

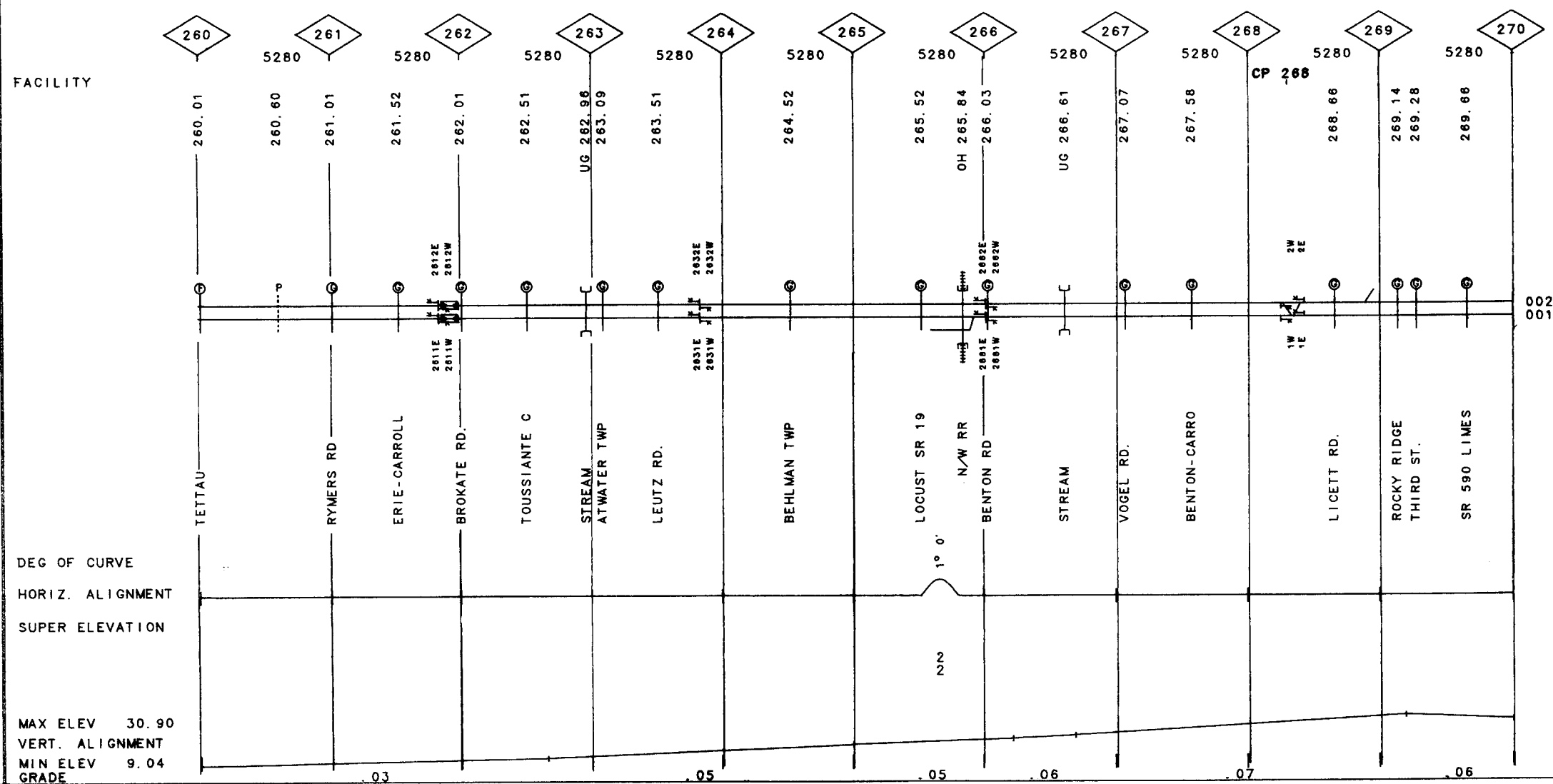
MP 250.00-MP 260.00 OH

[illegible]

LACARNE

V2060
OAK HARBOR

ROCKY RIDGE

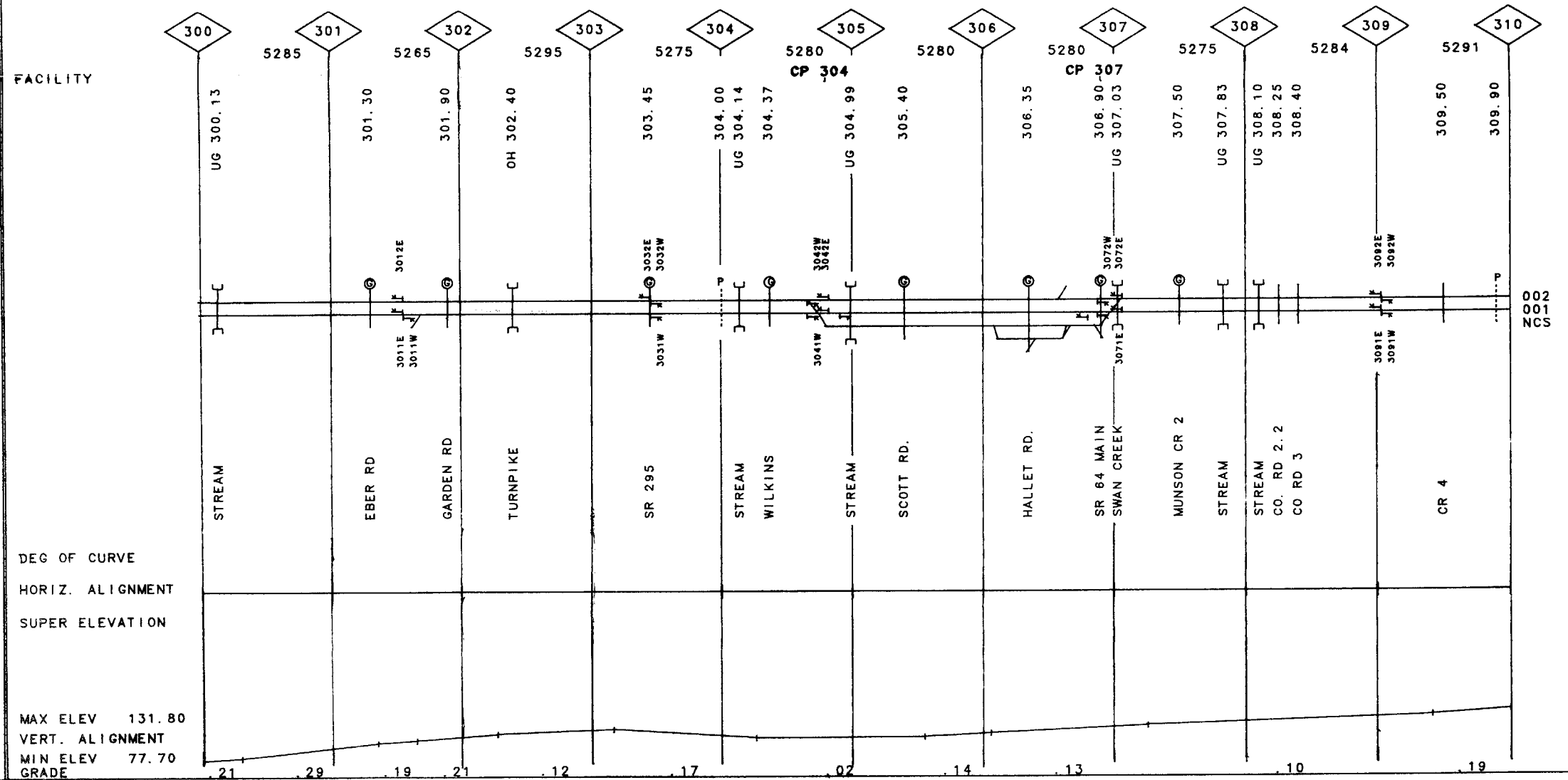


[illegible]

NCS

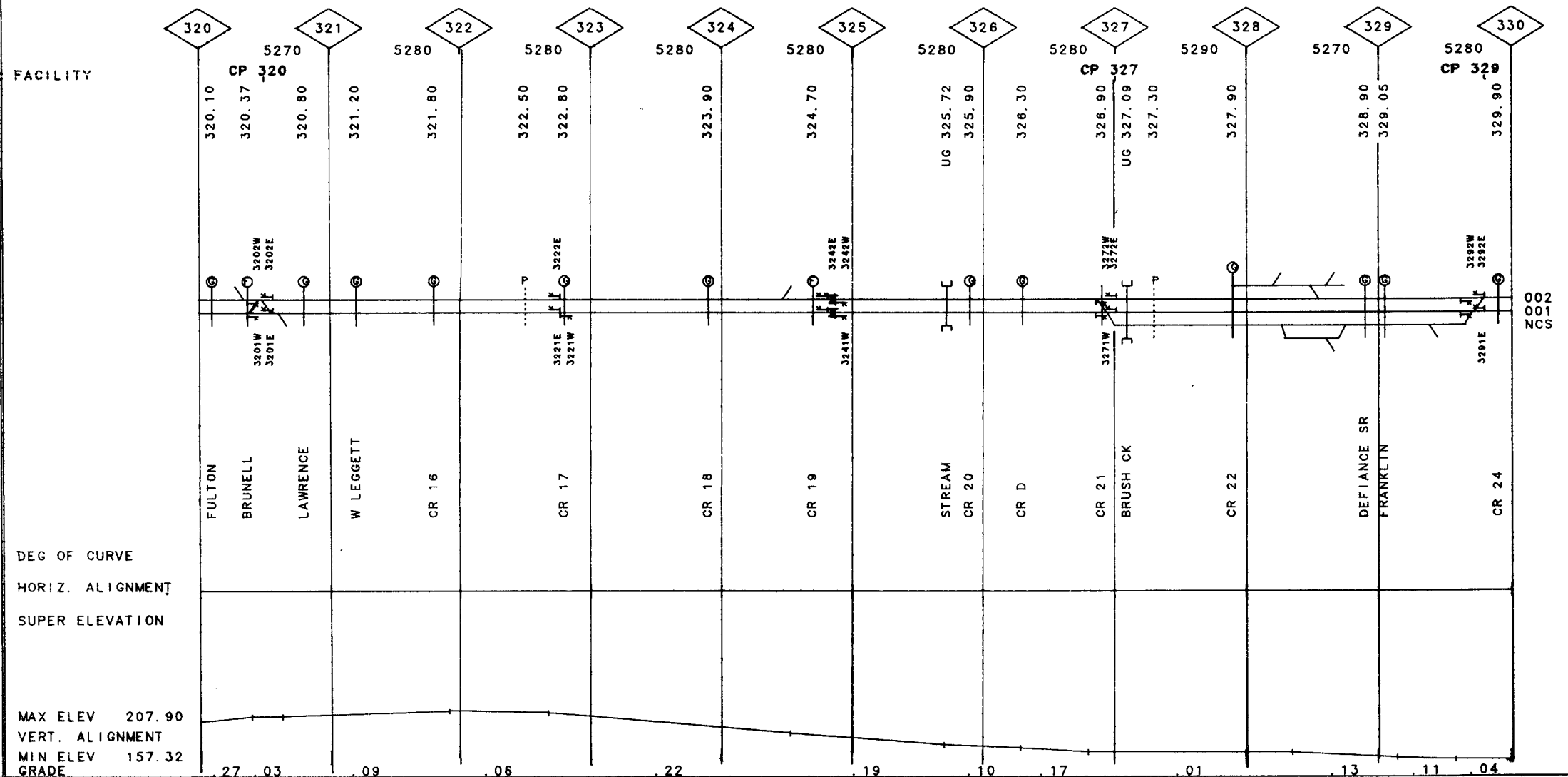
FACILITY

SWANT ON



GRINDING			
SURFACING	78E		+
TIES	78		
UNDERCUTTING			
RAIL	05-26		27-27M
BAI CLEAN			
TONNAGE (MGT)			
T T SPEED	20		
UG. CABLE			

ARCHBOLD



VALUATION
TOWN

FACILITY

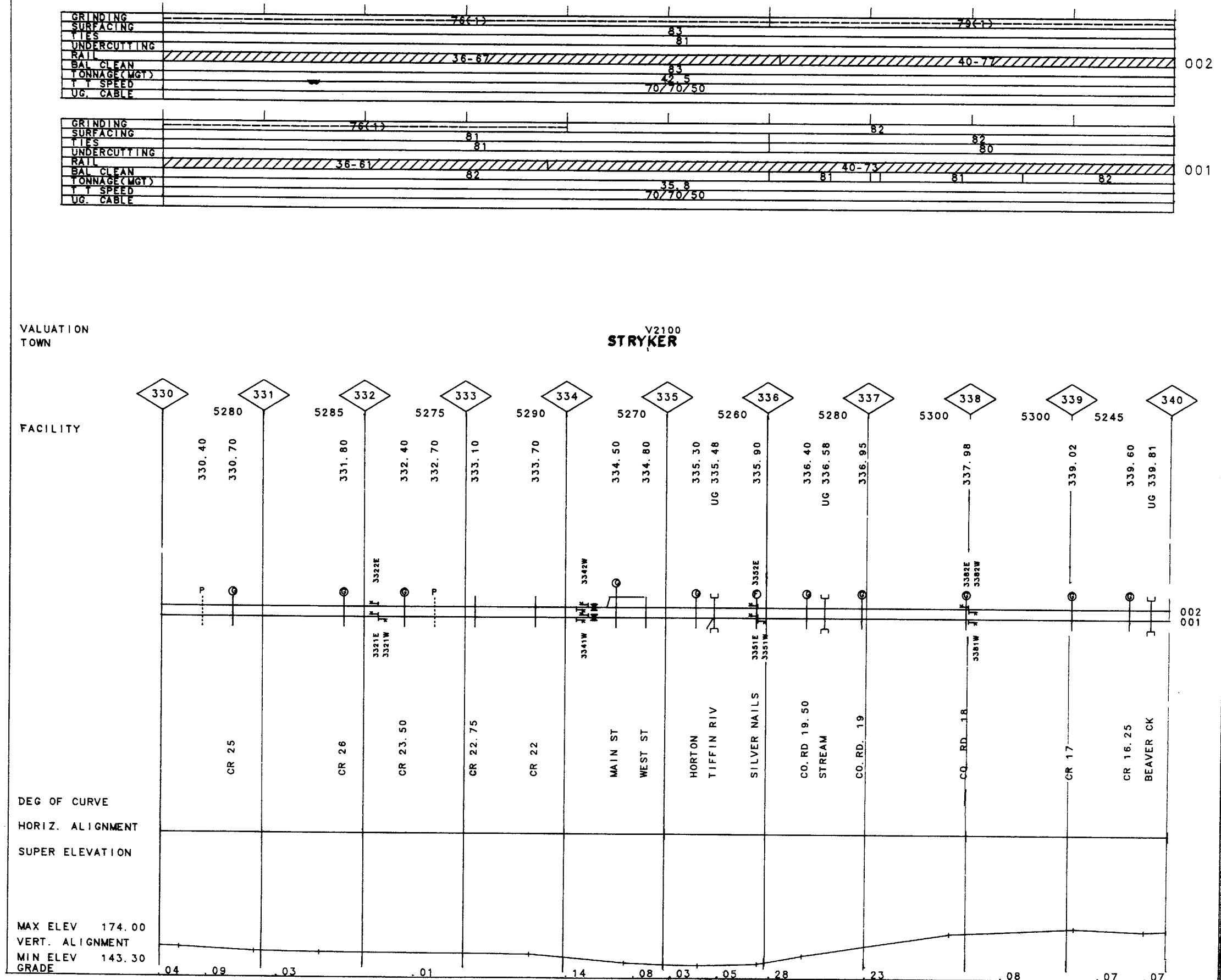
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 174.00
VERT. ALIGNMENT
MIN ELEV 143.30
GRADE

V2100
STRYKER



GRINDING	
SURFACING	81
TIES	81
UNDERCUTTING	
RAIL	27-27
BAL. CLEAN	27-28
TONNAGE (MGT)	
T. T. SPEED	20
UG. CABLE	

SCS

GRINDING	79(1)	80(1)
SURFACING		82
TIES		82
UNDERCUTTING		40-71
RAIL		83
BAL. CLEAN		42.3
TONNAGE (MGT)	42.5	70/70/50
T. T. SPEED		
UG. CABLE		

002

GRINDING		82	81	81	81	81	79
SURFACING	80						
TIES							
UNDERCUTTING		40-71				40-75	
RAIL							
BAL. CLEAN							
TONNAGE (MGT)	35.8					35.7	
T. T. SPEED							
UG. CABLE							

001

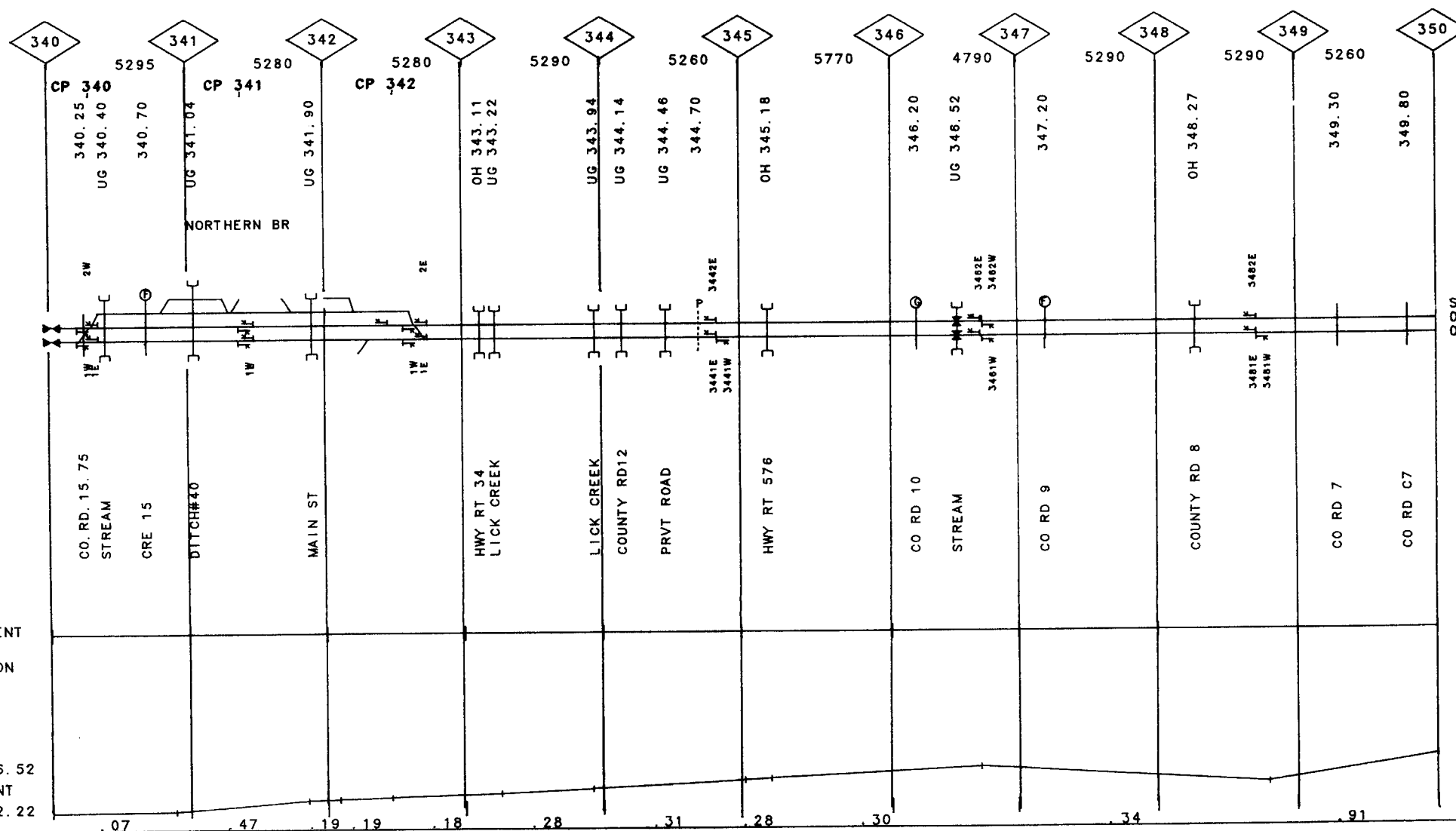
VALUATION
TOWN

BRYAN

V2100

MELBERN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATIONMAX ELEV 286.52
VERT. ALIGNMENT
MIN ELEV 172.22
GRADESCS
002
001

GRINDING		80(1)					83
SURFACING	82		81	79	79E	81	82
TIES	78						82
UNDERCUTTING							
RAIL		40-7V					36-6V
BAL. CLEAN		83					83
TONNAGE(MGT)		42.3					42.2
T T SPEED			70/70/50				
UG. CABLE		S-12					

GRINDING	82			76(2)			
SURFACING	81			82			80
TIES	79		82				
UNDERCUTTING							
RAIL		F63			27F66		
BAL. CLEAN		83				83	83
TONNAGE(MGT)			35.7				
T T SPEED			70/70/50				
UG. CABLE							

002

001

002
001

VALUATION
TOWN

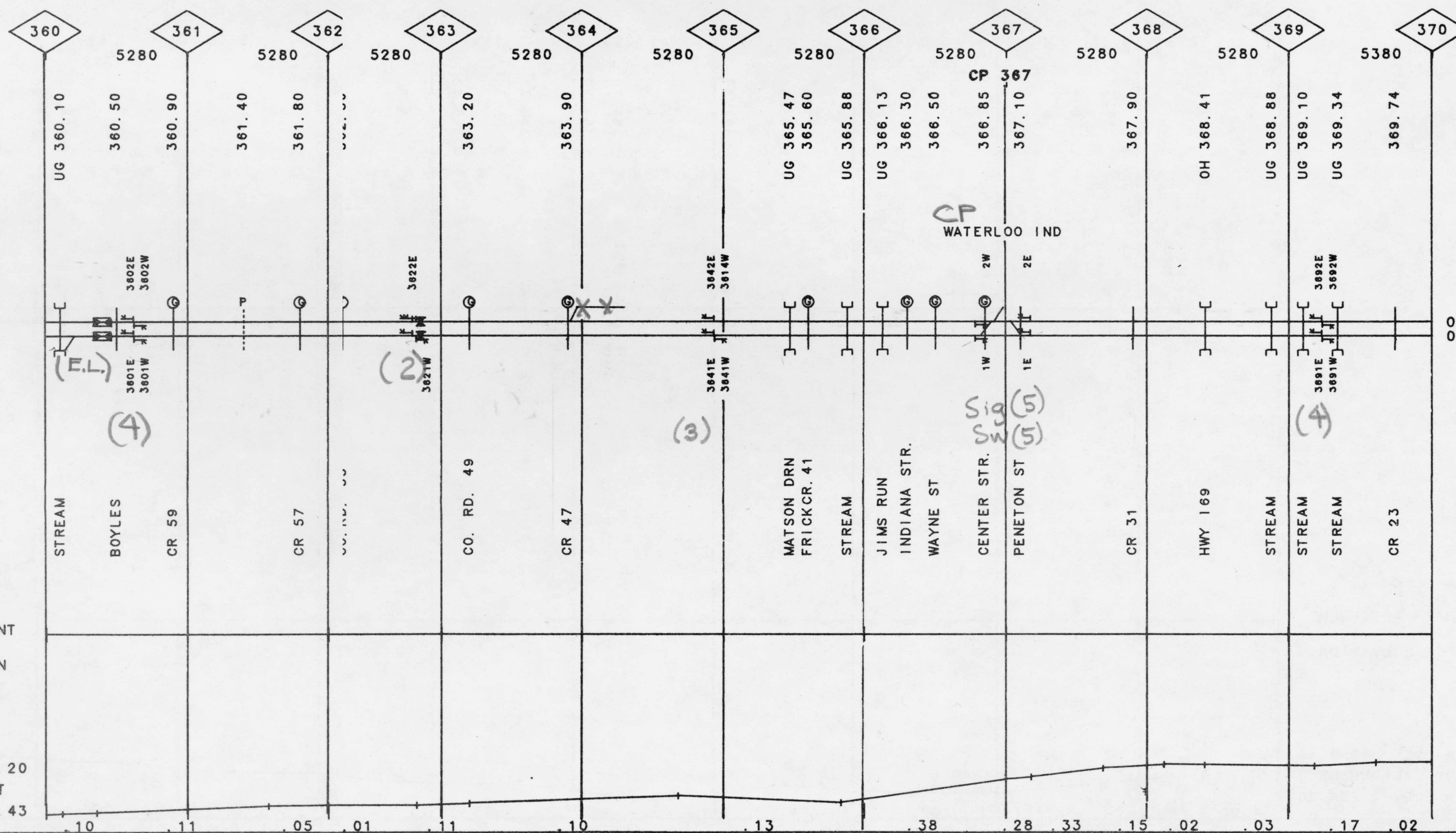
FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

MAX ELEV 361.20
VERT. ALIGNMENT
MIN ELEV 308.43
GRADE

V2110

WATERLOO



The map displays a series of land parcels numbered 380 to 390. Each parcel is defined by a vertical boundary line. The horizontal axis at the top indicates distances between parcels, mostly 5280 units. The vertical axis on the left shows distances from 0°30' down to 00°. Each parcel contains specific details:

- Parcel 380:** UG 380.25, OH 380.49
- Parcel 381:** UG 381.06
- Parcel 382:** 381.90, 382.10
- Parcel 383:** 382.74
- Parcel 384:** OH 383.75, UG 384.30
- Parcel 385:** 385.45
- Parcel 386:** UG 386.13, 386.25
- Parcel 387:** OH 386.74
- Parcel 388:** 387.74
- Parcel 389:** UG 388.28, 388.75
- Parcel 390:** (No specific details listed)

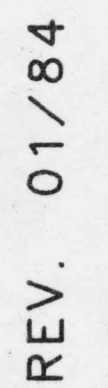
A central horizontal line runs through the middle of the parcels, with various symbols and labels indicating boundaries and features. Handwritten annotations include "(3)", "(4)", and "(E.L.)". The bottom of the map shows a profile line with elevation values ranging from 55 to 80.

MAX ELEV	309.40
VERT. ALIGNMENT	
MIN ELEV	232.62
GRADE	

SCS 23

002001

DUNLAP



36-3600 M. L. (BFLO. / CHI.)

GRINDING	
SURFACING	
TIES	57
UNDERCUTTING	
RAIL	05-39
BAL CLEAN	
TONNAGE (MGT)	
T T SPEED	10
UG. CABLE	

007

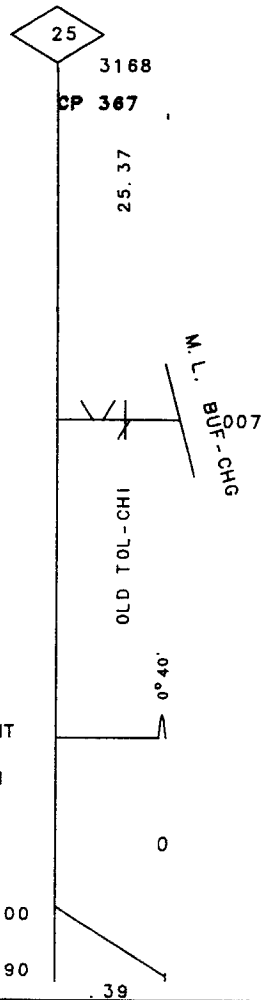
VALUATION
TOWN

V2400
WATERLOO

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

MAX ELEV 332.00
VERT. ALIGNMENT
MIN ELEV 319.90
GRADE



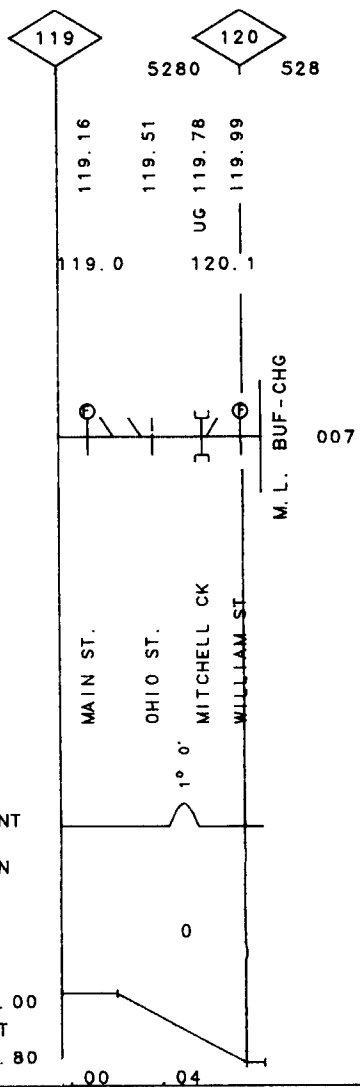
GRINDING	
SURFACING	71.1
TIES	71
UNDERCUTTING	
RAIL	00C28
BAL. CLEAN	
TONNAGE (MGT)	
T. SPEED	10
UG. CABLE	

307

VALUATION
TOWN

V7250
KENDALLVILLE

FACILITY



GRINDING	
SURFACING	82
TIES	82
UNDERCUTTING	
RAIL	33.47
BAL CLEAN	82
TONNAGE(MGT)	3.8
T T SPEED	30
UG. CABLE	

002

GRINDING		79(2)
SURFACING		81
TIES		79
UNDERCUTTING	79PL	
RAIL		33-47
BAL CLEAN		82
TONNAGE(MGT)		3.8
TT SPEED		30
UG. CABLE		

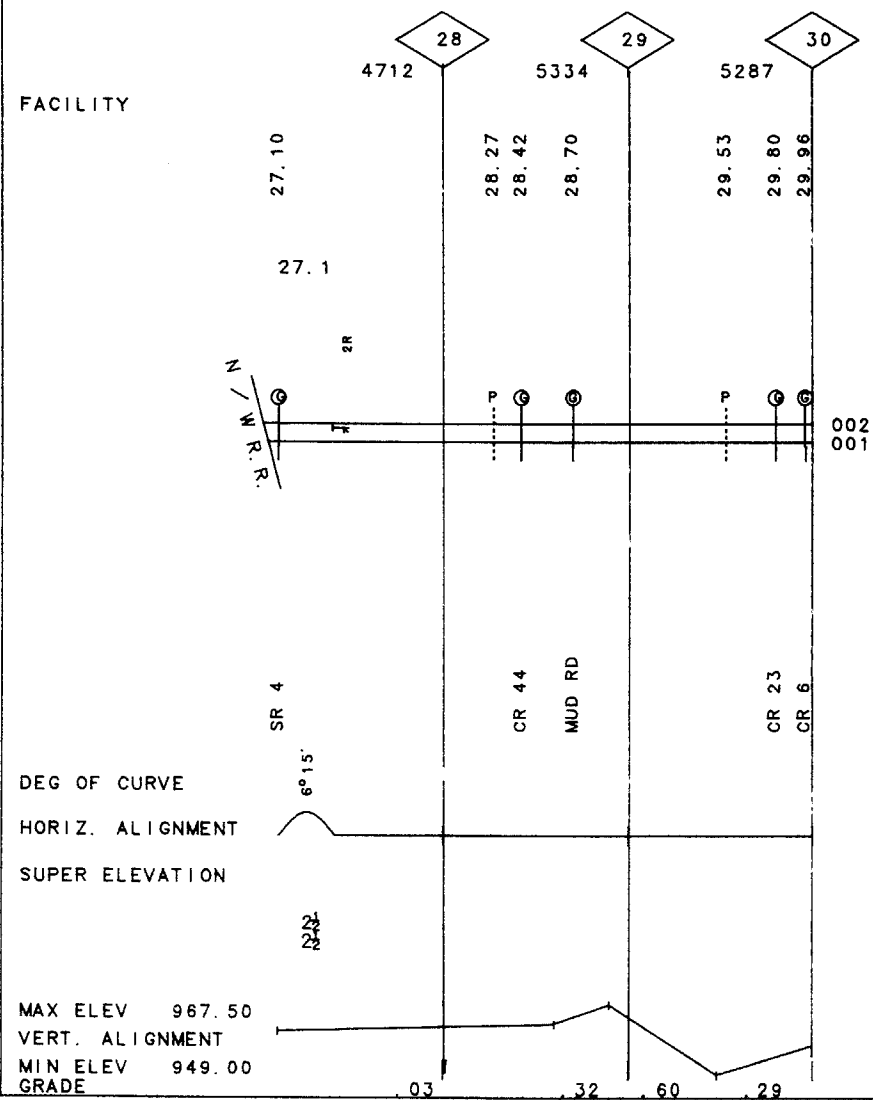
001

VALUATION
TOWN

CARROTHERS

V7295

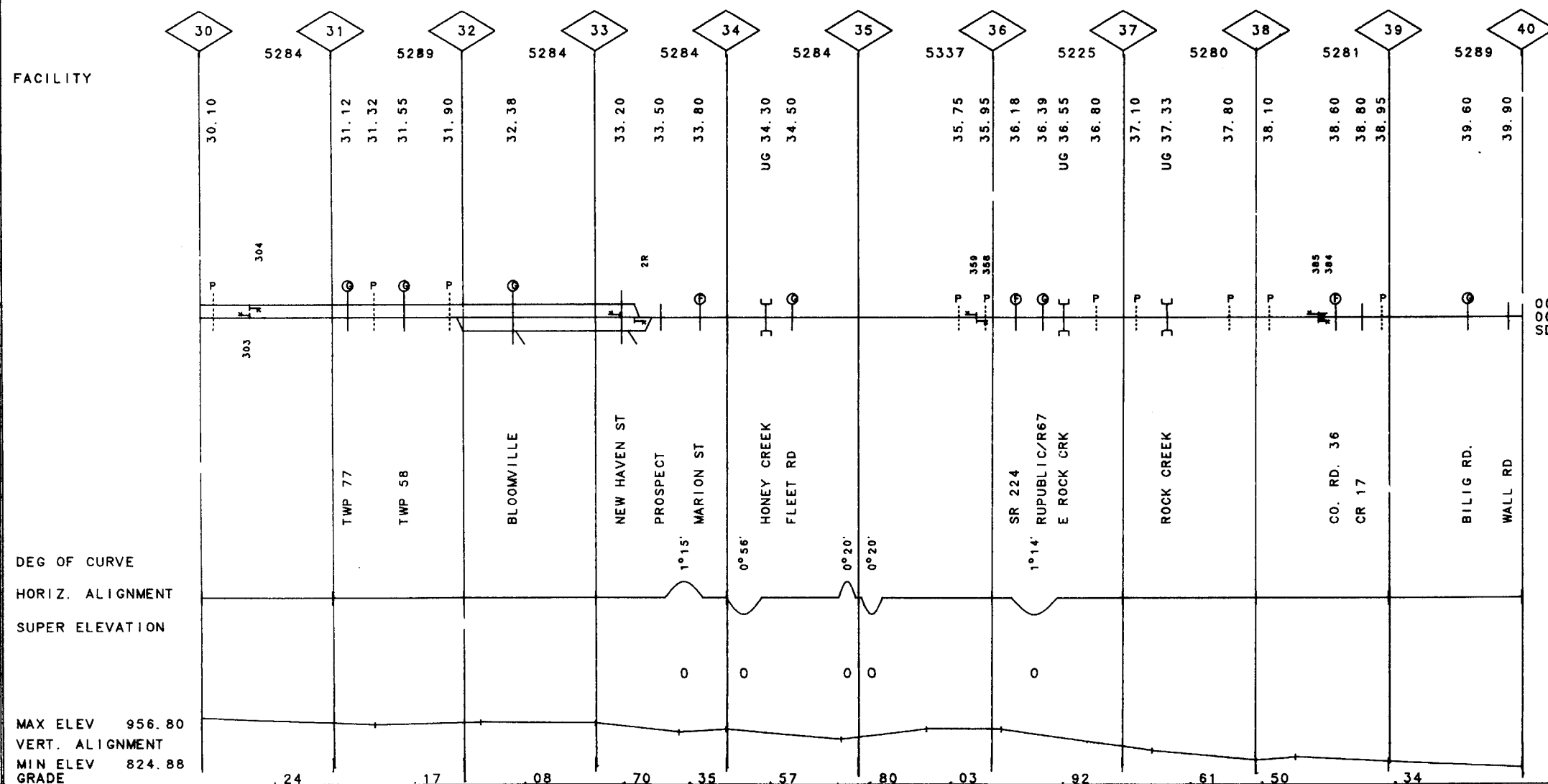
FACILITY



GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BALL CLEAN	
TONNAGE (MGY)	
T T SPEED	10
HC CABLE	

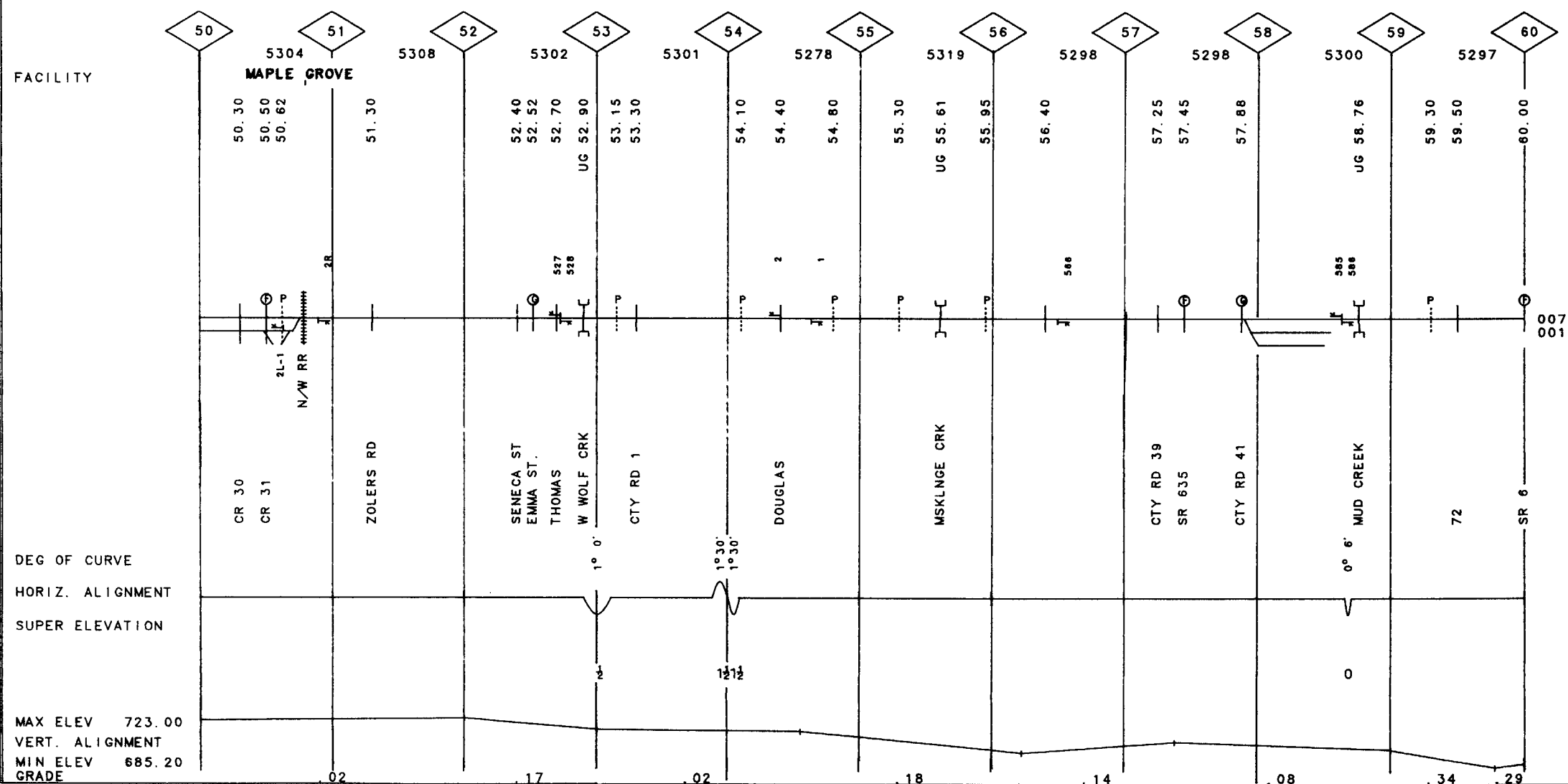
SDG

PEN



GRINDING	
SURFACING	82
TIES	82
UNDERCUTTING	
RAIL	30-31
BAL. CLEAN	82
TONNAGE (MGY)	4.5
T T SPEED	30
UG. CABLE	

HELENA



002

001



```

MAX ELEV      643.39
VERT. ALIGNMENT
MIN ELEV      624.64
GRADE

```


	002			YD2
GRINDING				
SURFACING	81		80E	
TIES	80		80	
UNDERCUTTING				
RAIL		30-41	30-31	
BAL. CLEAN			82	
TONNAGE (MGT)	3.8			
T. SPEED	30		15	
UG. CABLE				

	001	YD1		
GRINDING				
SURFACING	81		82	
TIES	80		80	
UNDERCUTTING				
RAIL	30-38	30-36	30-31	
BAL. CLEAN	82		82	
TONNAGE (MGT)	5.5			
T. SPEED	30		10	
UG. CABLE				

	YD1		YD1	
60PB		78	57H	
		30-31		
		10		

	YD2		YD2	
59J				
30-45				
10				

VALUATION
TOWN

FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

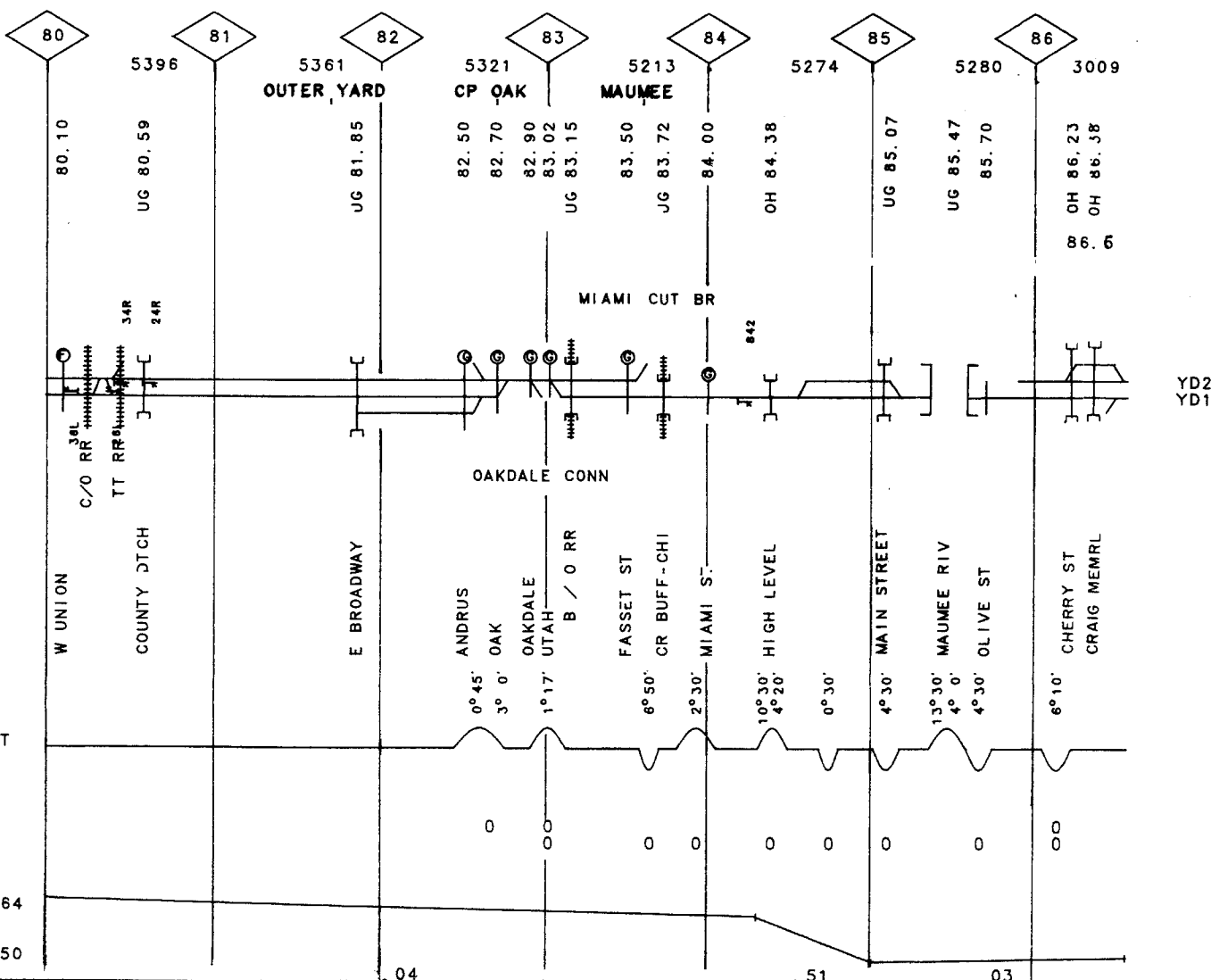
SUPER ELEVATION

MAX ELEV 624.84
VERT. ALIGNMENT
MIN ELEV 598.50
GRADE

WALBRIDGE

ANDRUS ROAD

OLIVE



36-3612
CARROTHERS BR.
OLIVE SEC.
GALENA YARD TRACK

REV. 01/84

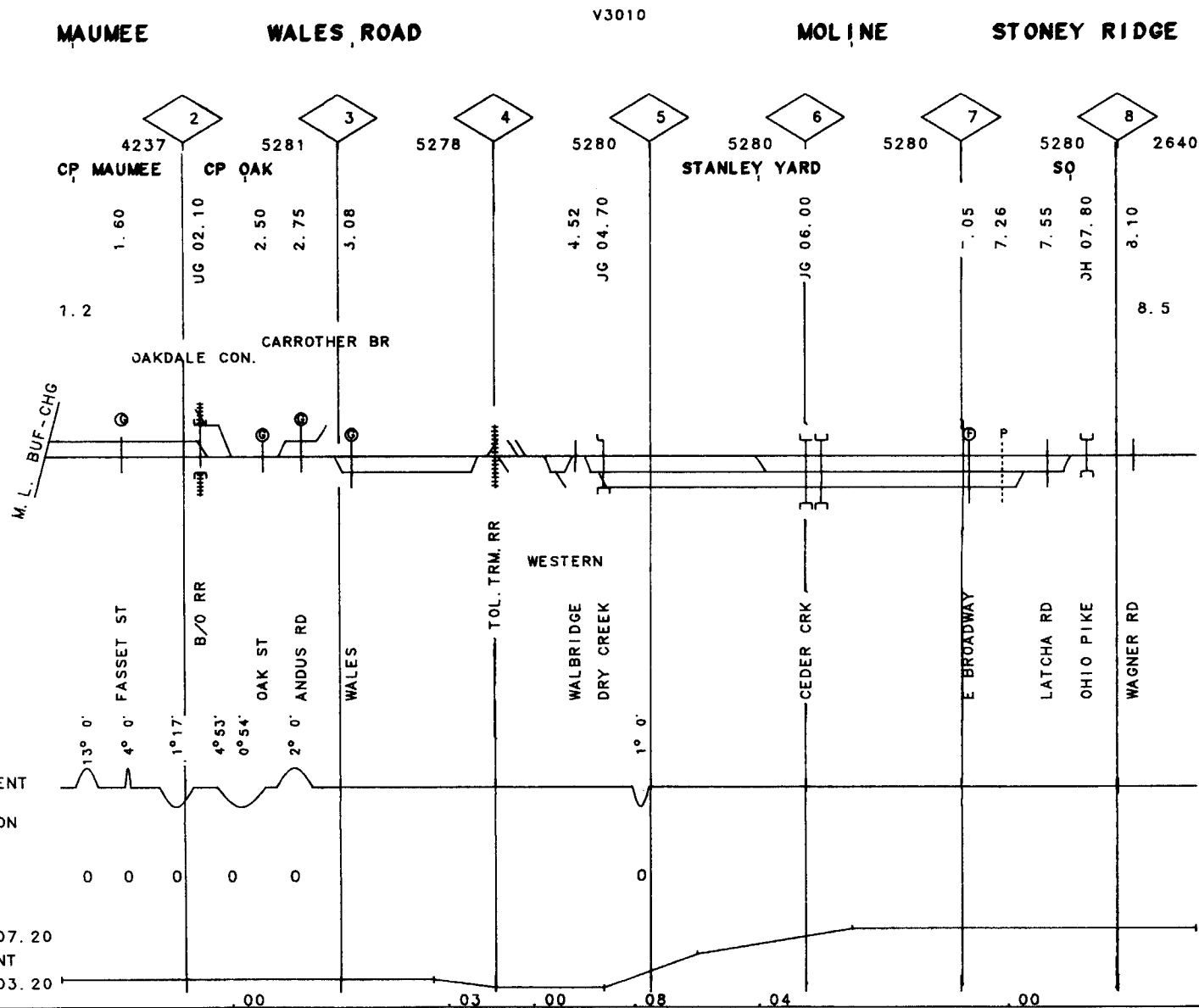
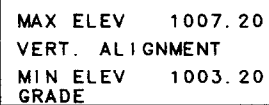
MP

-MP

80.50
85.60
86.60

OH

33

007

GRINDING	
SURFACING	
TIES	54
UNDERCUTTING	55
RAIL	27-54
BAL. CLEAN	27-55
TONNAGE (MGT)	
T. T. SPEED	10
UG. CABLE	

007

VALUATION
TOWN

STONY RIDGE

/3010

LUCKEY

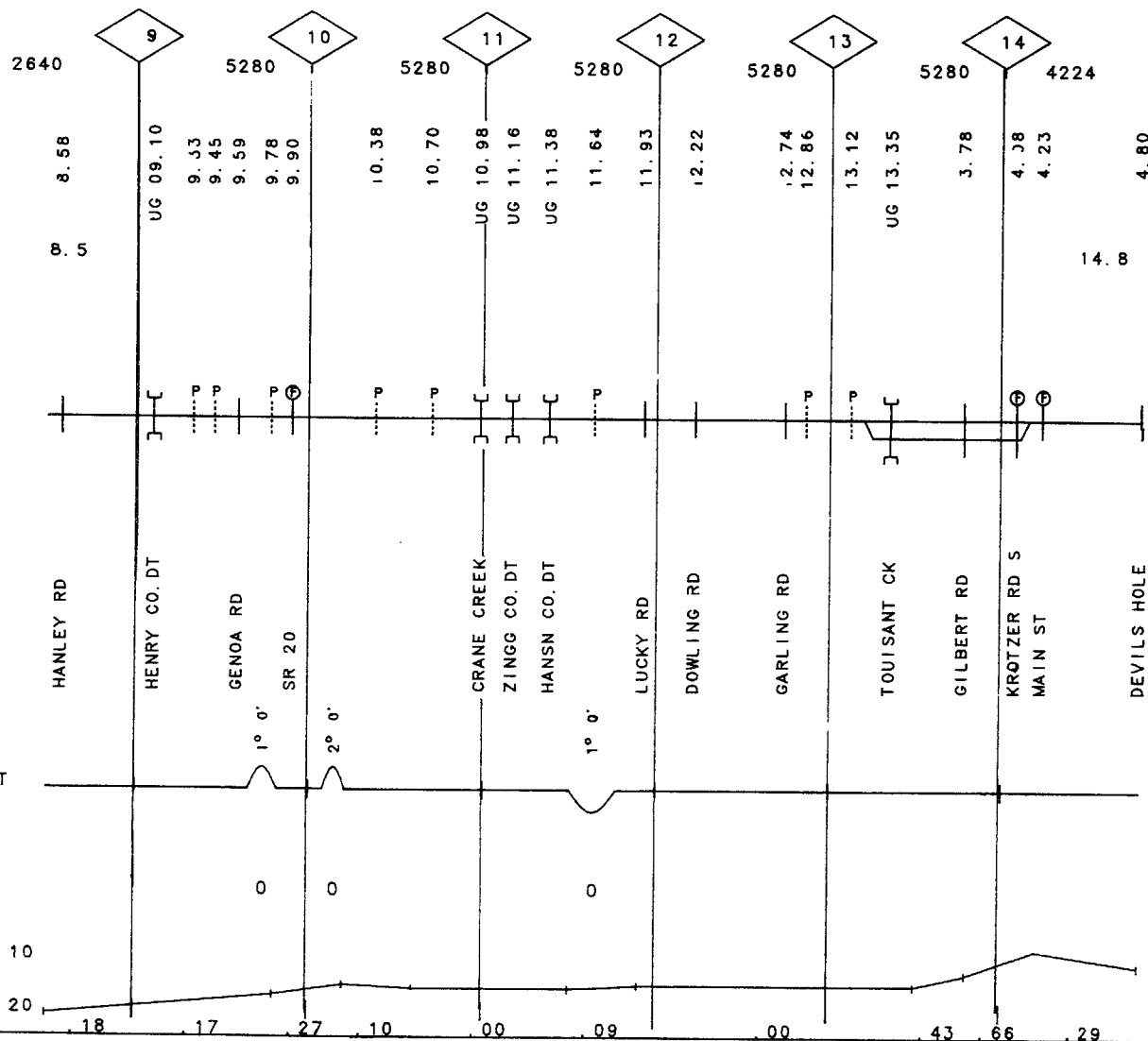
FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 1045.10
VERT. ALIGNMENT
MIN ELEV 1007.20
GRADE



007

GRINDING	83
SURFACING	83
TIES	83
UNDERCUTTING	83
RAIL	27-30 1/2 40-1 1/2
BAL. CLEAN	81
TONNAGE (MGT)	18.0
T T SPEED	30
UG. CABLE	

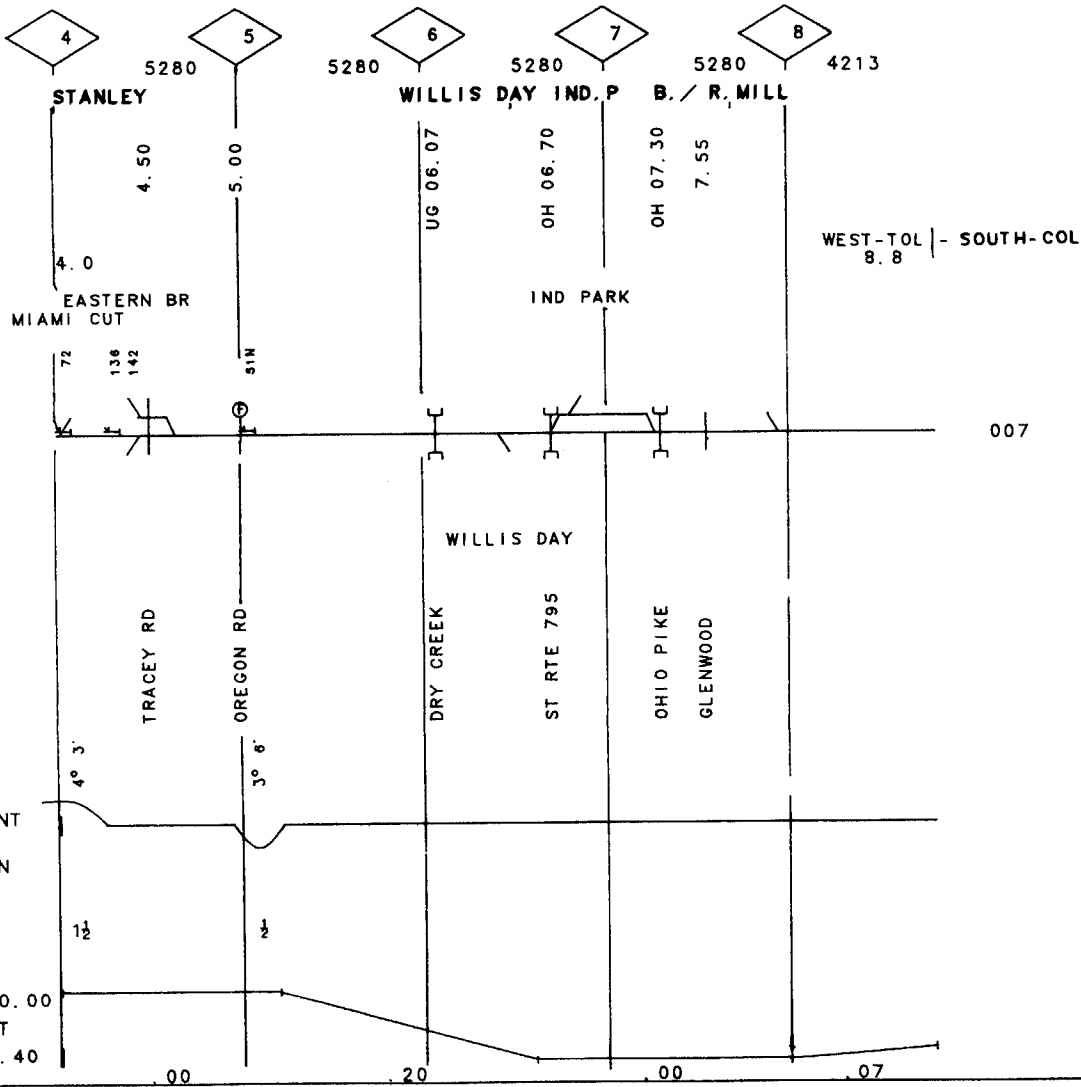
007

VALUATION
TOWN

TOLEDO V3010/V3020

LIME CITY

FACILITY



GRINDING	
SURFACING	76F
TIES	76S1
UNDERCUTTING	
RAIL	27-
BAL. CLEAN	
TONNAGE (MGT)	
T. T. SPEED	10
UG. CABLE	

007

VALUATION
TOWN

ELYRIA

V2060

LORAIN

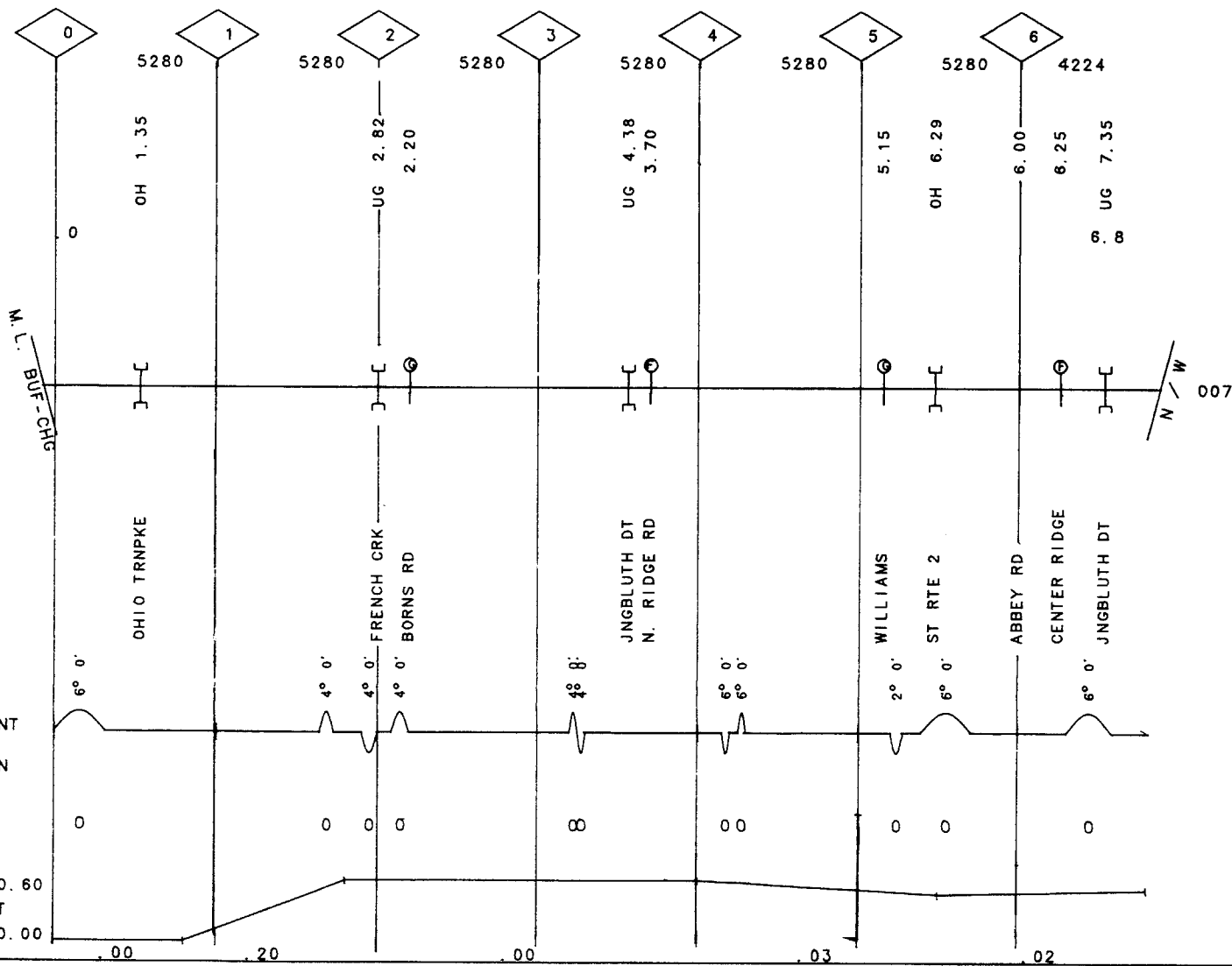
FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 1010.60
VERT. ALIGNMENT
MIN ELEV 1000.00
GRADE



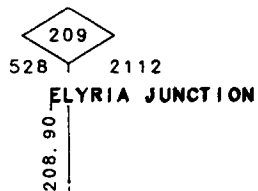
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	05-25
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	10
UG. CABLE	

007

VALUATION
TOWN

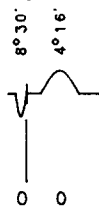
V2070

FACILITY



007

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION



MAX ELEV 148.50
VERT. ALIGNMENT
MIN ELEV 147.50
GRADE

.00

VALUATION
TOWN

GENOA

/2070

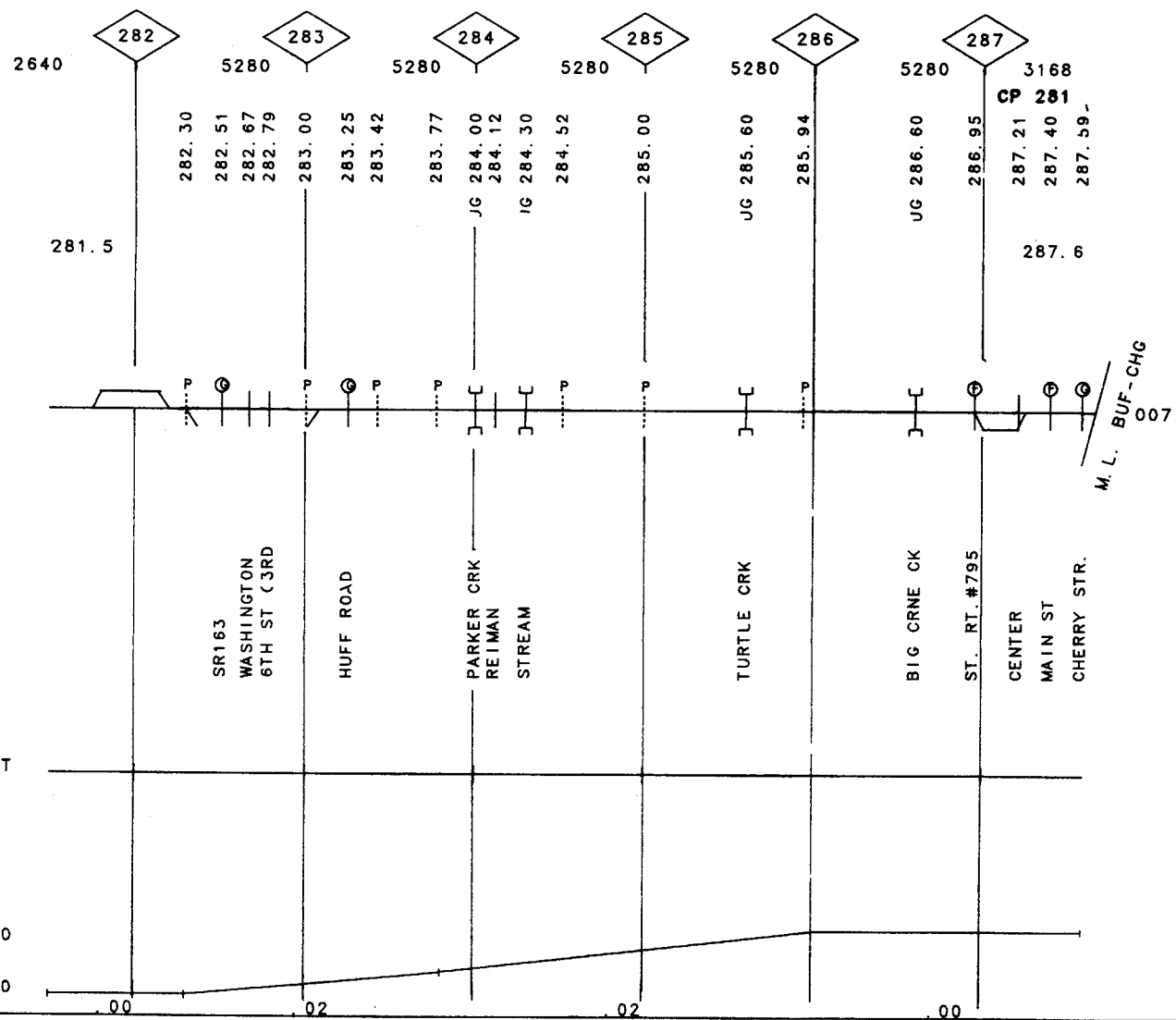
FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 46.50
VERT. ALIGNMENT
MIN ELEV 43.50
GRADE



GRINDING	
SURFACING	
TIES	79
UNDERCUTTING	
RAIL	05-27
BAL. CLEAN	
TONNAGE (MGT)	0.1
T. T. SPEED	10
UG. CABLE	

007

[illegible]

007

VALUATION
TOWN

V2080 | V2090
VULÇAN

RICHARDS

SYLVANIA

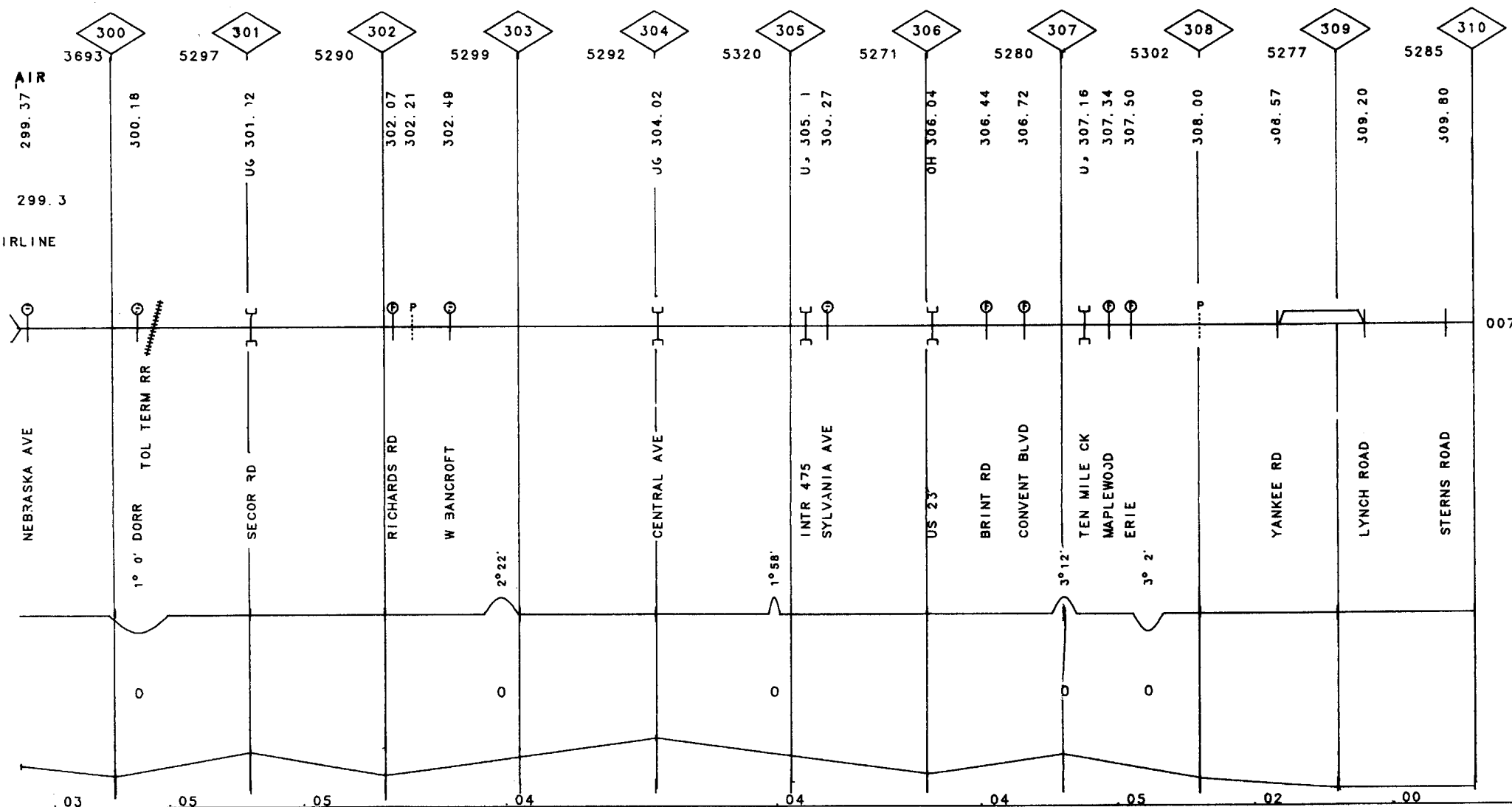
OH/MI
V2120
MICHIGAN, ELEVATO

FACILITY

TO AIRLINE

DEG OF CURVE	
HORIZ. ALIGNMENT	
SURF ELEVATION	

MAX ELEV	42.30
VERT. ALIGNMENT	
MIN ELEV	36.90
GRADE	



GRINDING				
SURFACING	82			55A
TIES	82		805T	
UNDERCUTTING				
RAIL			05-26	
BAIL CLEAN				
TONNAGE(MGT)	0.2			
T SPEED		10		
UG. CABLE				

007

VALUATION
TOWN

OTTAWA LAKE

V2120

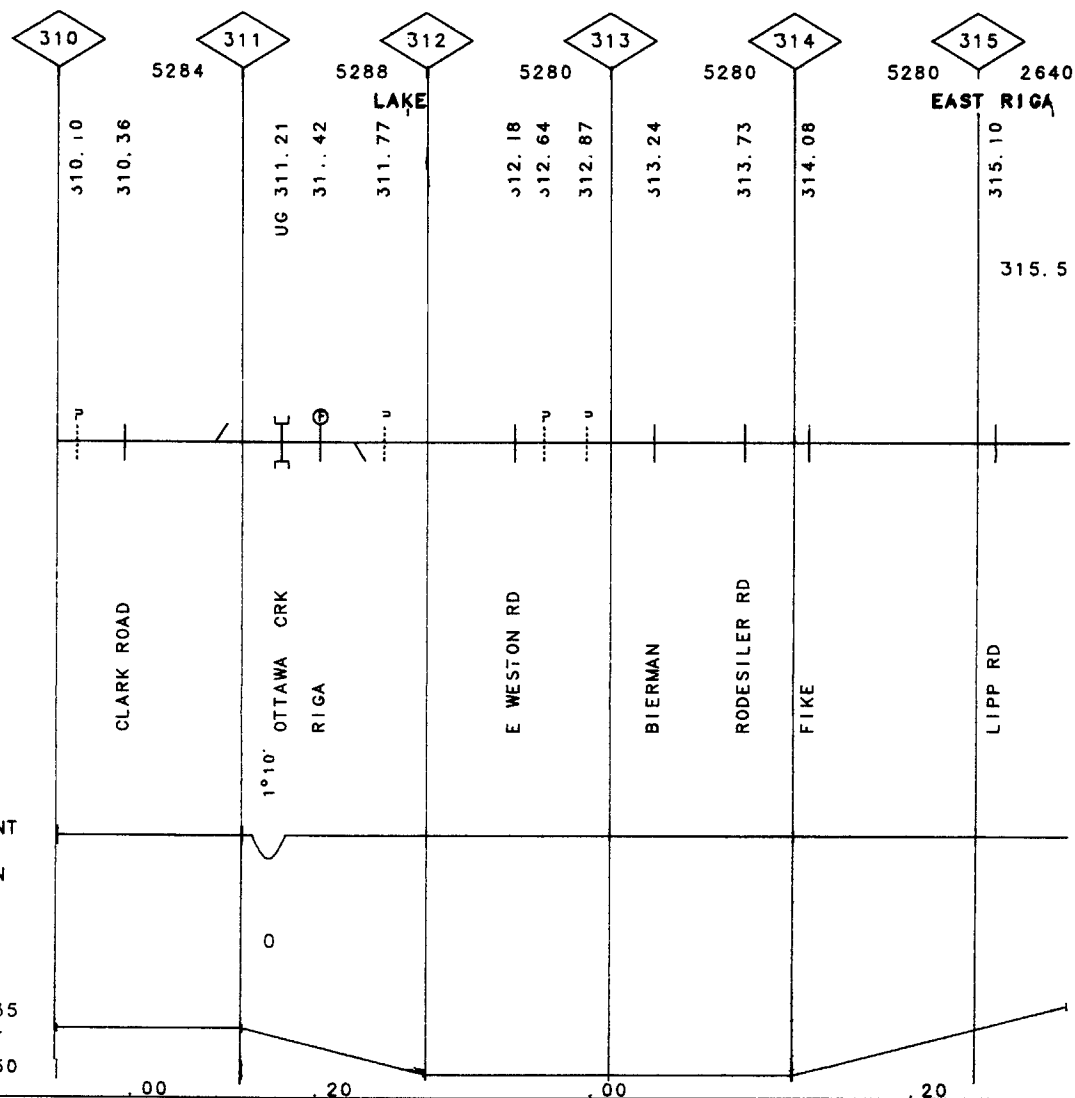
FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 42.35
VERT. ALIGNMENT
MIN ELEV 26.50
GRADE



007

GRINDING	82
SURFACING	80E
TIES	72
UNDERCUTTING	
RAIL	27F73
BAL. CLEAN	82
TONNAGE (MGT)	13.3
T.Y. SPEED	20
UG. CABLE	

007

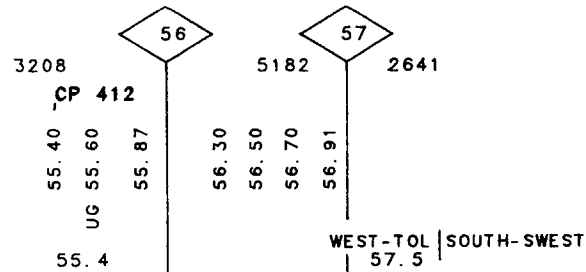
VALUATION
TOWN

GOSHEN

V5460

YOST

FACILITY



007

SW V

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 234.50
VERT. ALIGNMENT
MIN ELEV 230.80
GRADE

.07 .03 .13

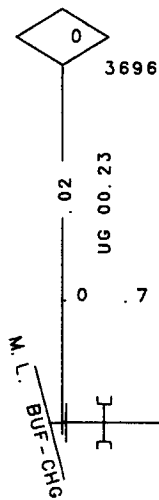
GRINDING	
SURFACING	
TIES	55
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	10
UG. CABLE	

007

VALUATION
TOWN

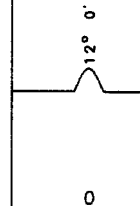
V2440
GOSHEN

FACILITY

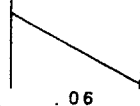


LOGAN
ROCK RUN

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

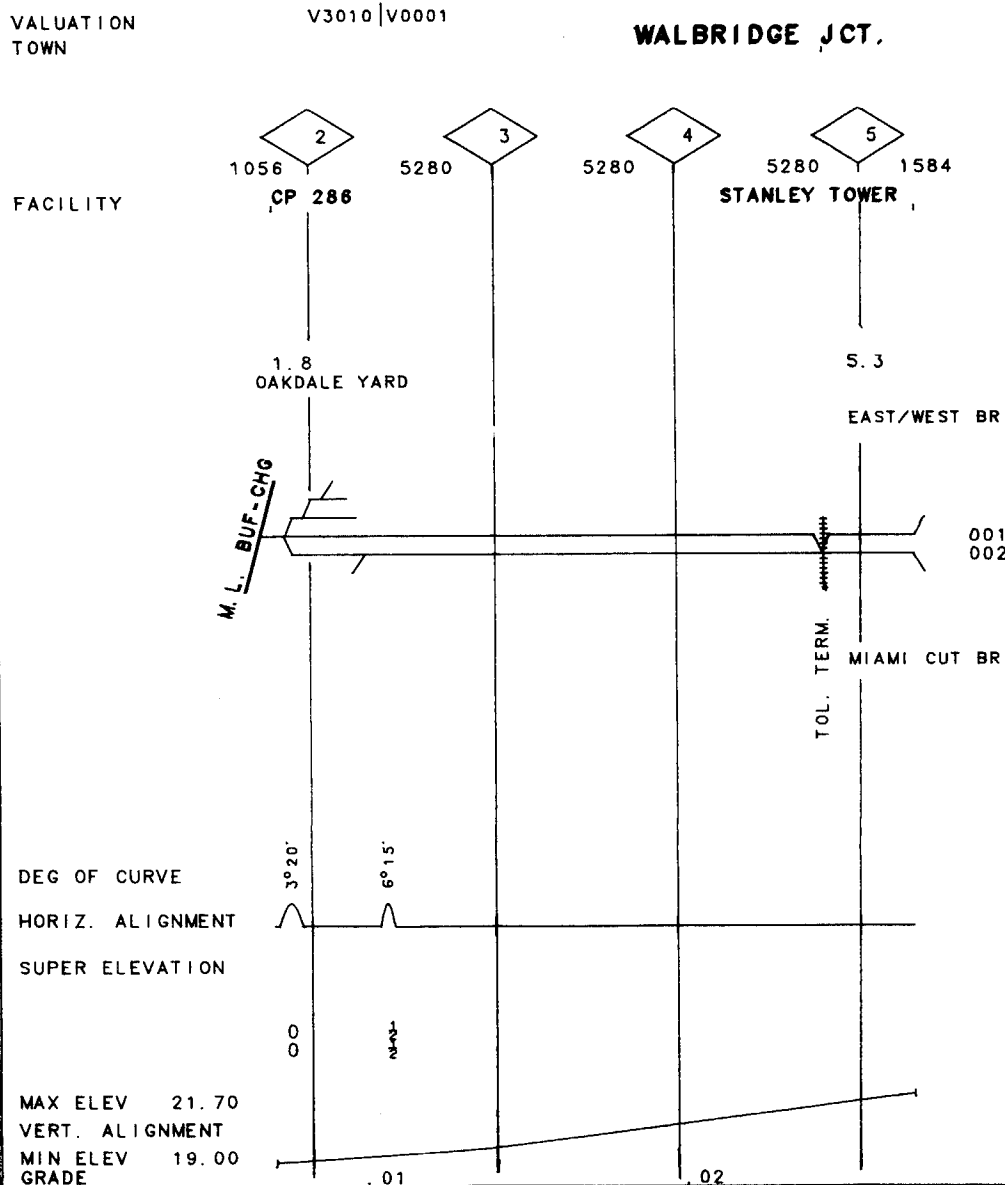


MAX ELEV 230.60
VERT. ALIGNMENT
MIN ELEV 228.60
GRADE



			001	001	
GRINDING					
SURFACING	83				
TIES	83				
UNDERCUTTING			C/O RR	TT RR	001
RAIL					
BAL. CLEAN	82				
TONNAGE (MGT)					
TT SPEED		20		20	
UG. CABLE					

GRINDING					
SURFACING	83				
TIES	83				
UNDERCUTTING			C/O RR	TT RR	002
RAIL					
BAL. CLEAN					
TONNAGE (MGT)					
TT SPEED		20			
UG. CABLE					



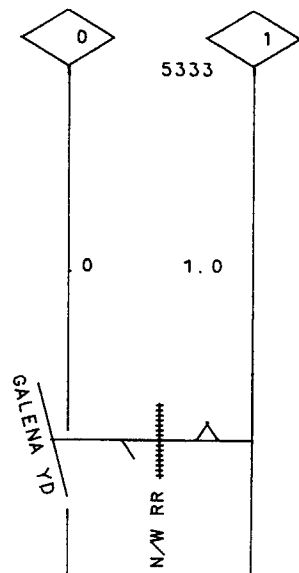
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	10
UG. CABLE	

007

VALUATION
TOWN

V7315
TOLEDO

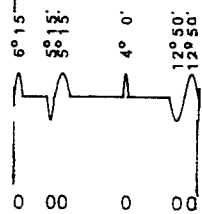
FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION



MAX ELEV 26.00
VERT. ALIGNMENT
MIN ELEV 25.00
GRADE

.00

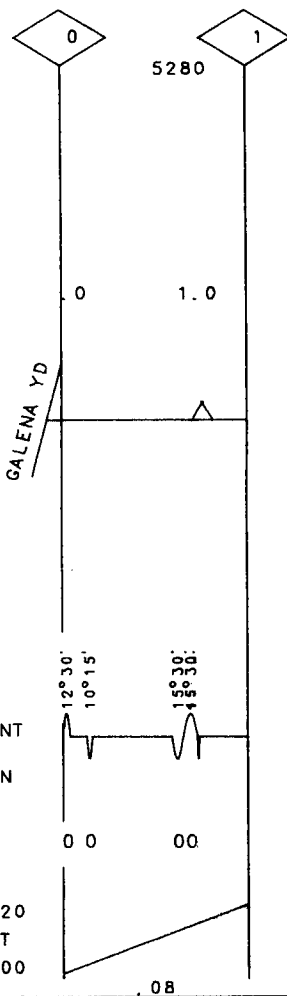
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	10
UC. CABLE	

007

VALUATION
TOWN

V7315
TOLEDO

FACILITY



007

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

MAX ELEV 24.20
VERT. ALIGNMENT
MIN ELEV 20.00
GRADE

GRINDING					80(2)				
SURFACING					81				
TIES			77			57		76	
UNDERCUTTING									
RAIL		27-60		27-51	V	27F68		27-57	
BAL CLEAN			81			80S		81	80S
TONNAGE(MGT)		3.6		6.2		7.8		10.9	
T T SPEED					20/20/20				25/25/25
UG. CABLE							-W-14-		

002

GRINDING					80(2)				80(2)
SURFACING			81				80E		791
TIES			78		77		67		77
UNDERCUTTING									
RAIL		05-48	05-49	05-30	27-52	V	27F68	05-48	V 27F79
BAL CLEAN			81				781		79S
TONNAGE(MGT)		4.3		6.3			7.1	12.2	
T T SPEED					30/20/20			30/20/20	25/25/25
UG. CABLE		-W-15-	-W-20-				-W-12-		

001

VALUATION
TOWN

DETROIT

V4081 V2310

RIVER ROUGE

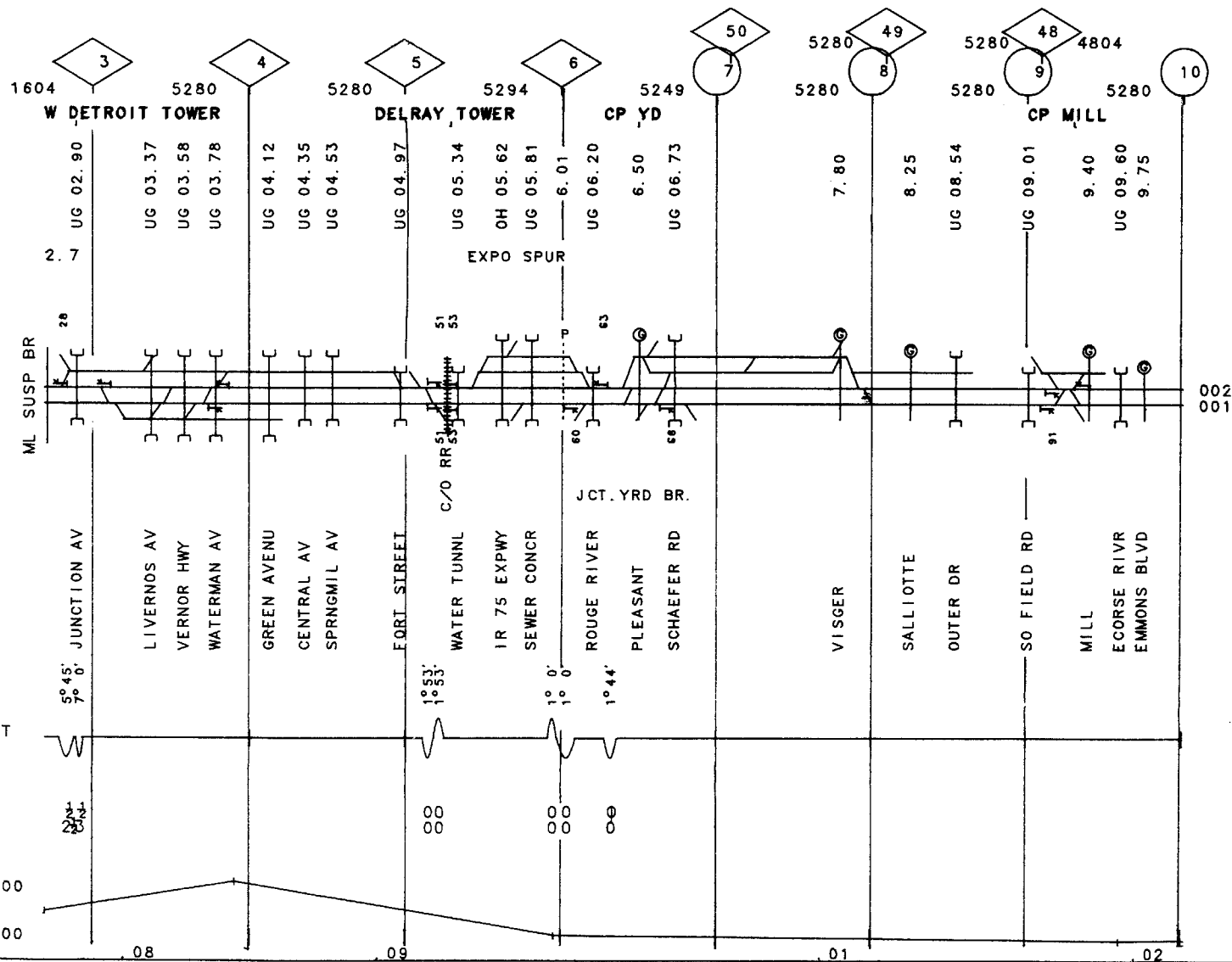
ECORSE

FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 595.00
VERT. ALIGNMENT
MIN ELEV 585.00
GRADE

GRINDING		
SURFACING		81
TIES		76
UNDERCUTTING		
RATE		12-39
BAL. CLEAN		80S
TONNAGE (MGT)	10.9	10.8
FT. SPEED		25/25/25
UG. CABLE		

GRINDING	
SURFACING	81
TIES	76
UNDERCUTTING	
RAIL	27-57
BALL CLEAN	805
TONNAGE (WGT)	10.9
T T SPEED	25/25/25
UG. CABLE	

[illegible]VALUATION
TOWN

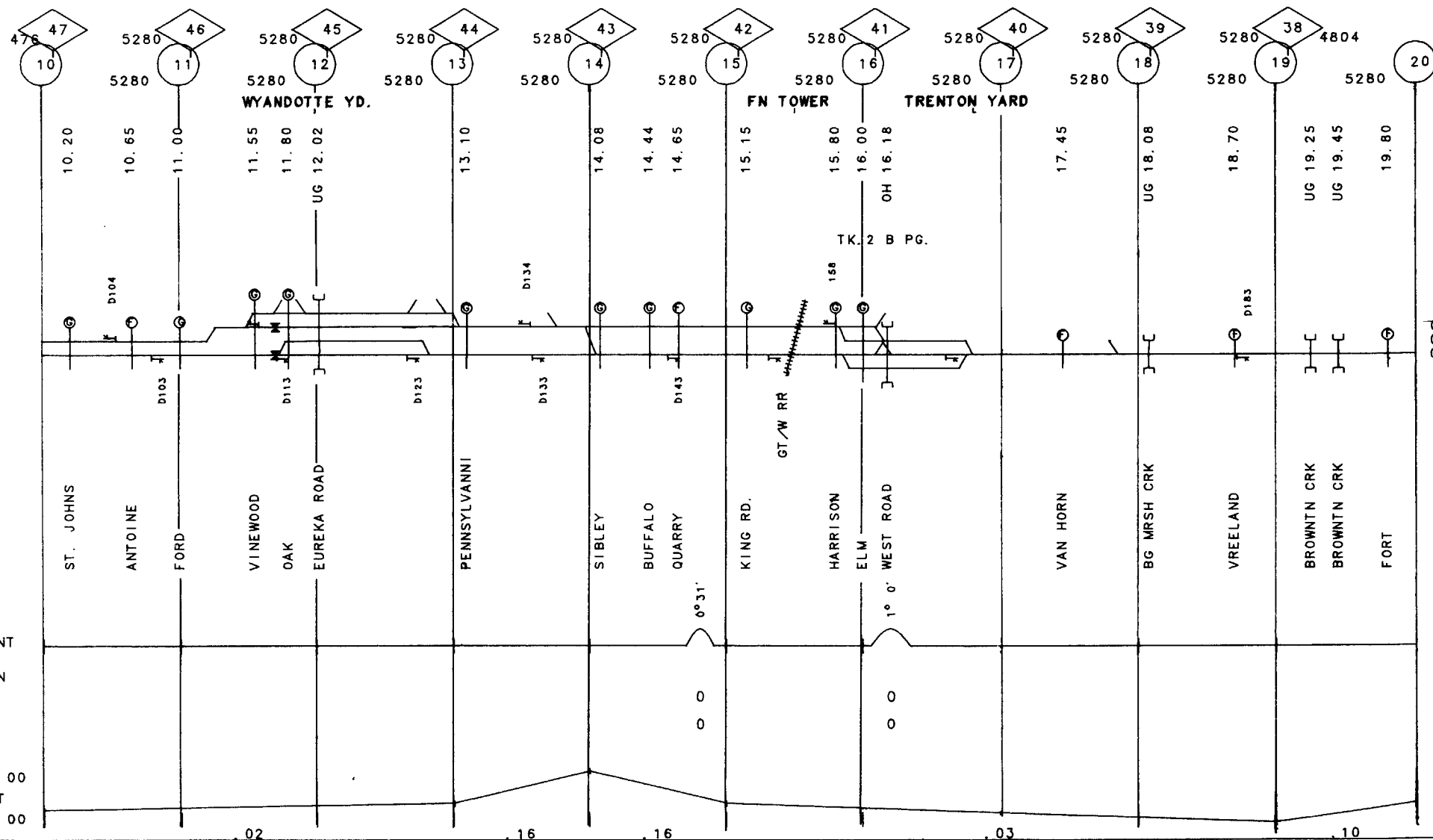
WYANDOTTE

SIBLEY

V2310

TRENTON

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

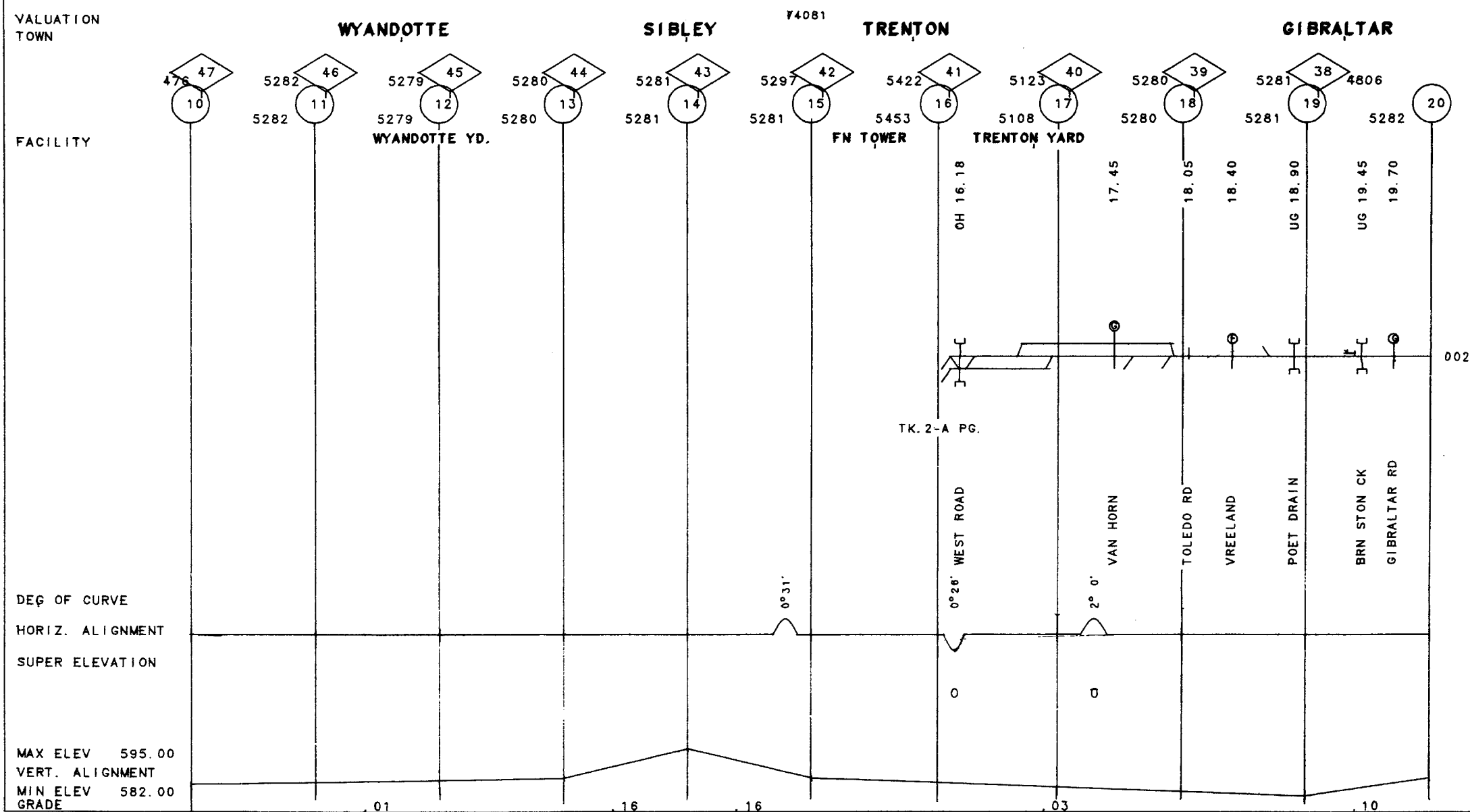
MAX ELEV 595.00

VERT. ALIGNMENT

MIN ELEV 582.00

GRADE

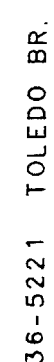
GRINDING		81	
SURFACING	81	76	80F
TIES			
UNDERCUTTING			
RAIL	12-39		40-77
BAI CLEAN		80S	
TONNAGE (WGT)		10.8	
T T SPEED	25/25/25		50/50/50
UG. CABLE			



```

MAX ELEV      600.00
VERT. ALIGNMENT
MIN ELEV      587.00
GRADE

```



VALUATION
TOWN

FACILITY

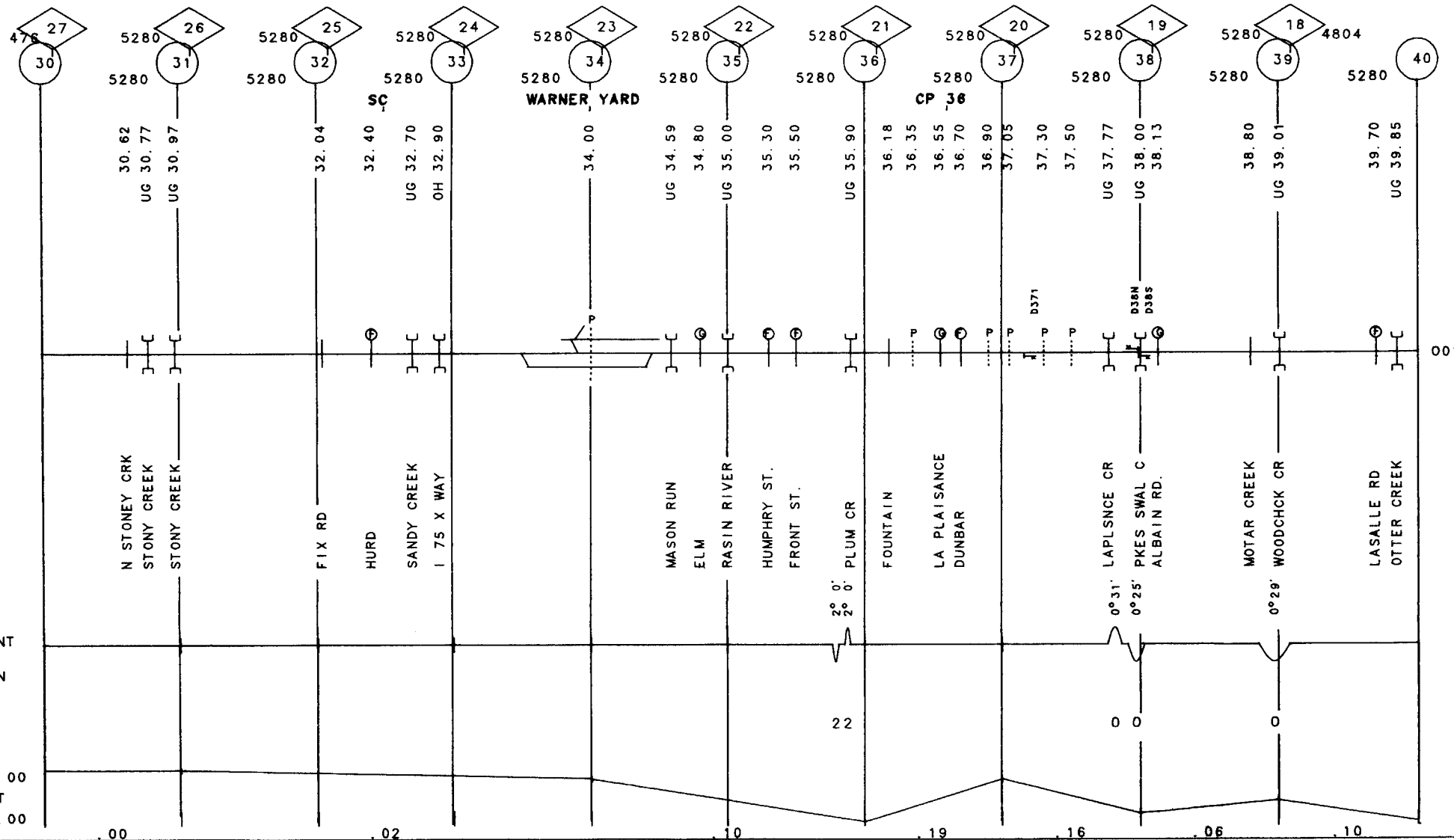
DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATIONMAX ELEV 597.00
VERT. ALIGNMENT
MIN ELEV 585.00
GRADE

GRINDING	82	81	81
SURFACING	82	80E	80E
TIES	81	77	81
UNDERCUTTING	31F82	27F77	001
RAIL	80S	81	14.0
BAL. CLEAN	12.2	25/25/25	50/50/50
TONNAGE (MGT)	50/50/50	50/50/50	
T. T. SPEED			
UG. CABLE		E-15	

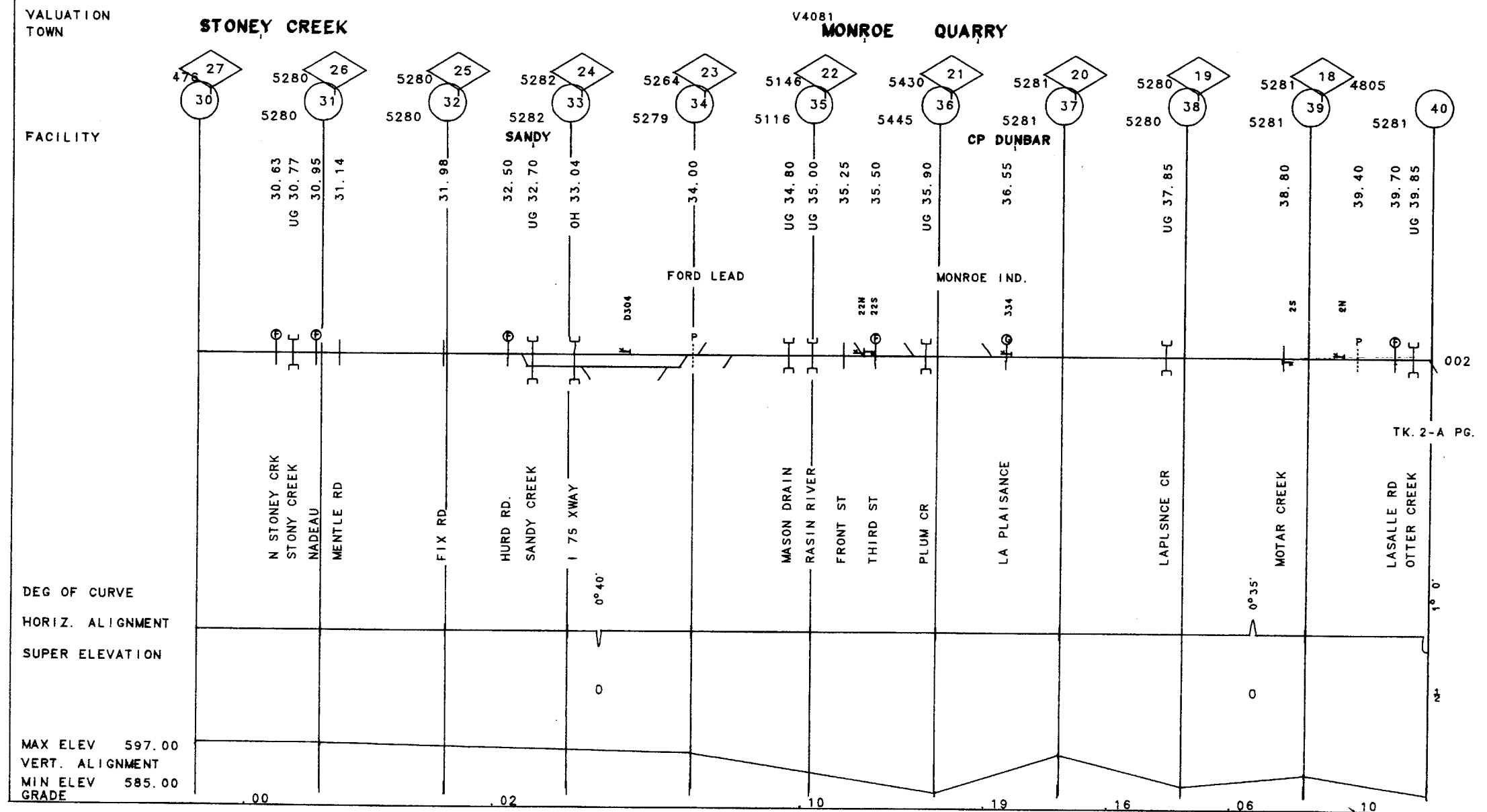
STONEY CREEK

V2310
MONROE

QUARRY



36-5221 TOLEDO BR. REV. 01/84 MP 30.00 -MP 40.00 MI 53



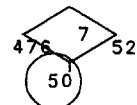
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	002
BAL. CLEAN	
TONNAGE (MGT)	
T. T. SPEED	
UG. CABLE	

GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	001
BAL. CLEAN	
TONNAGE (MGT)	
T. T. SPEED	
UG. CABLE	

VALUATION
TOWN

V2080

FACILITY



50.1
OH 50.07

002
001

ALEXIS RD

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

MAX ELEV 594.40
VERT. ALIGNMENT
MIN ELEV 593.46
GRADE

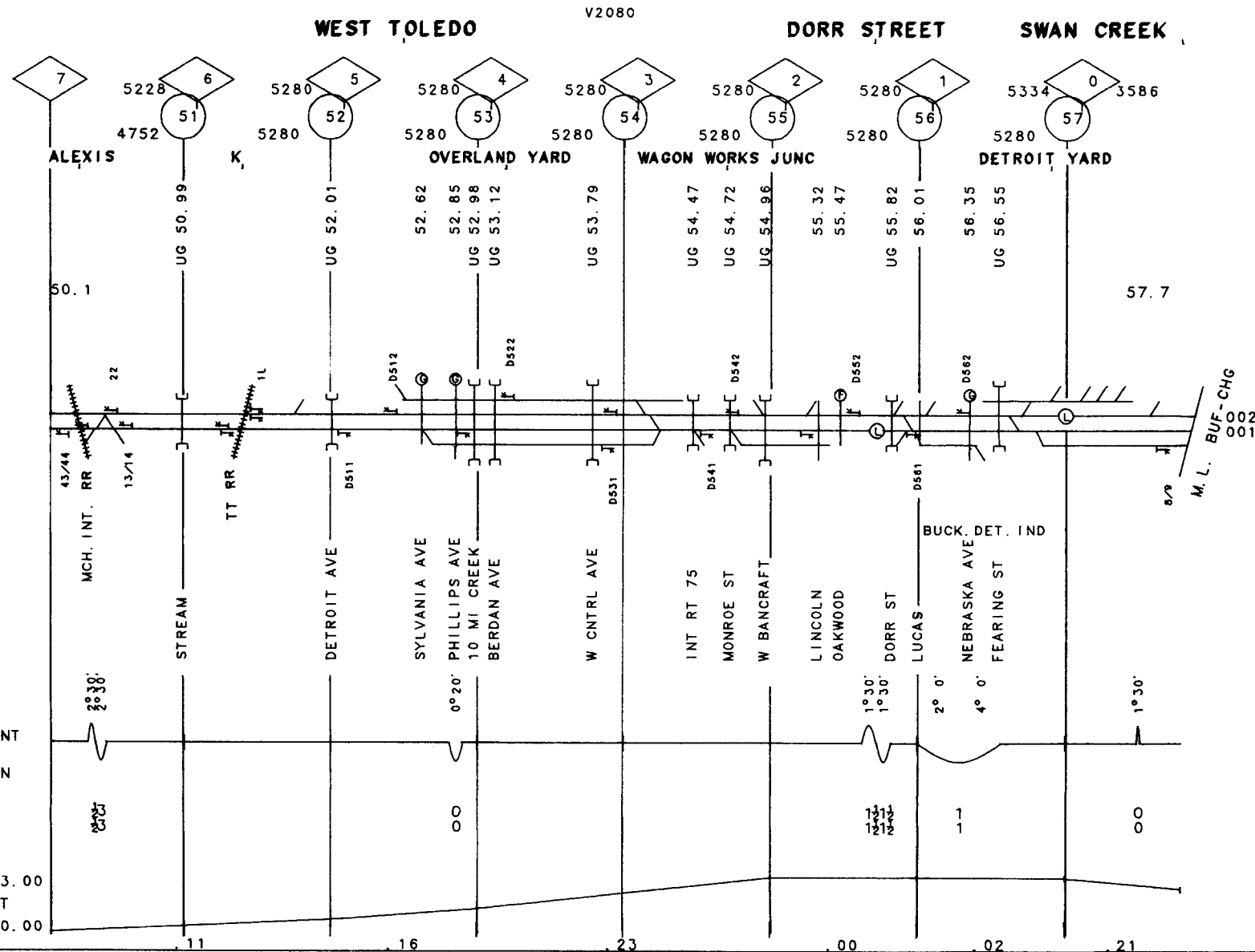
GRINDING		79(1)		83
SURFACING			80E	
TIES			77	
UNDERCUTTING				
RAIL		27F1V	27F1V	27F1V
BAL. CLEAN		81	82	27F13
TONNAGE(MGT)				
T T SPEED		50/50/50		30/30/30
UG. CABLE				

GRINDING		79(1)		83
SURFACING			80E	
TIES			77	
UNDERCUTTING				
RAIL		27F1V	27F1V	27F1V
BAL. CLEAN			82	27F13
TONNAGE(MGT)		14.0	14.1	13.8
T T SPEED		50/50/50		30/30/30
UG. CABLE				

VALUATION
TOWN

FACILITY

 DEG OF CURVE
 HORIZ. ALIGNMENT
 SUPER ELEVATION

 MAX ELEV 1043.00
 VERT. ALIGNMENT
 MIN ELEV 1000.00
 GRADE


GRINDING	
SURFACING	791
TIES	79
UNDERCUTTING	
RAIL	27F72 1 V 05F72 27F72
BAL. CLEAN	81
TONNAGE (MGT)	2.5
T. SPEED	15 30
UG. CABLE	

007

VALUATION
TOWN

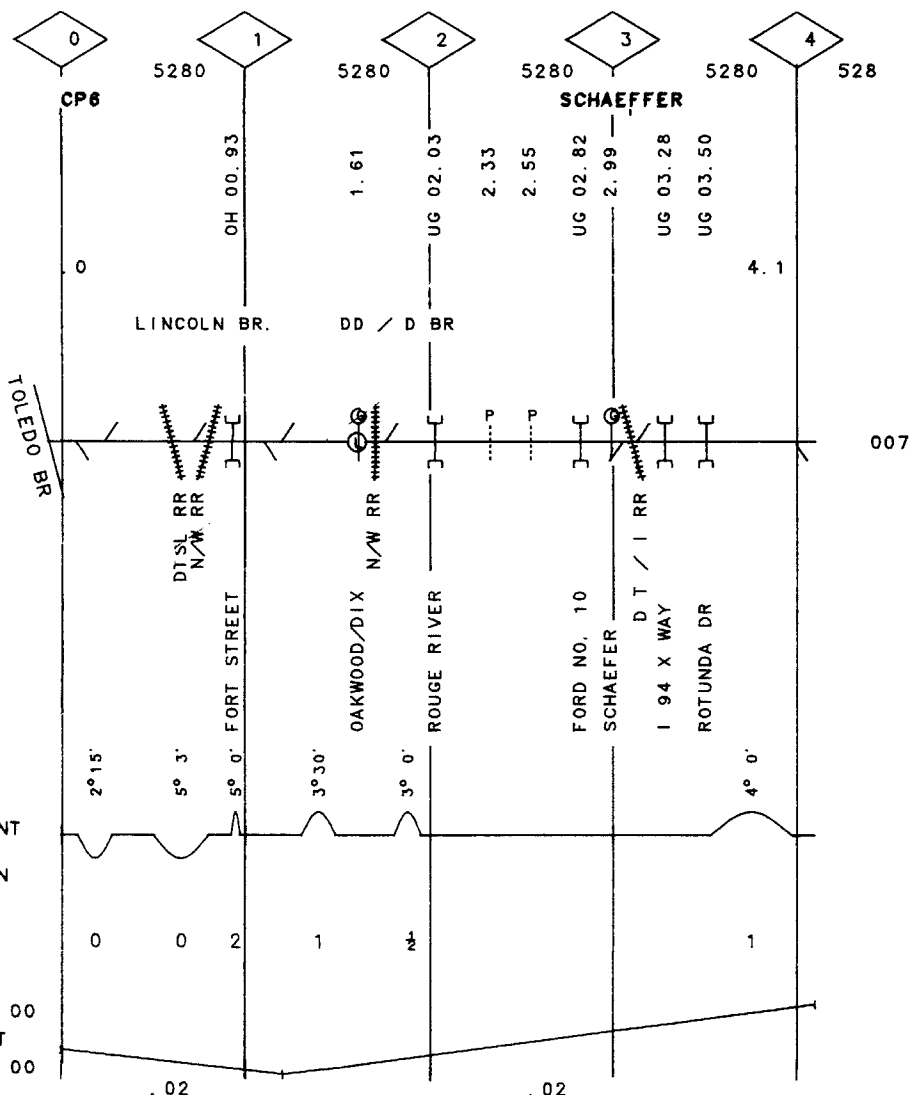
FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

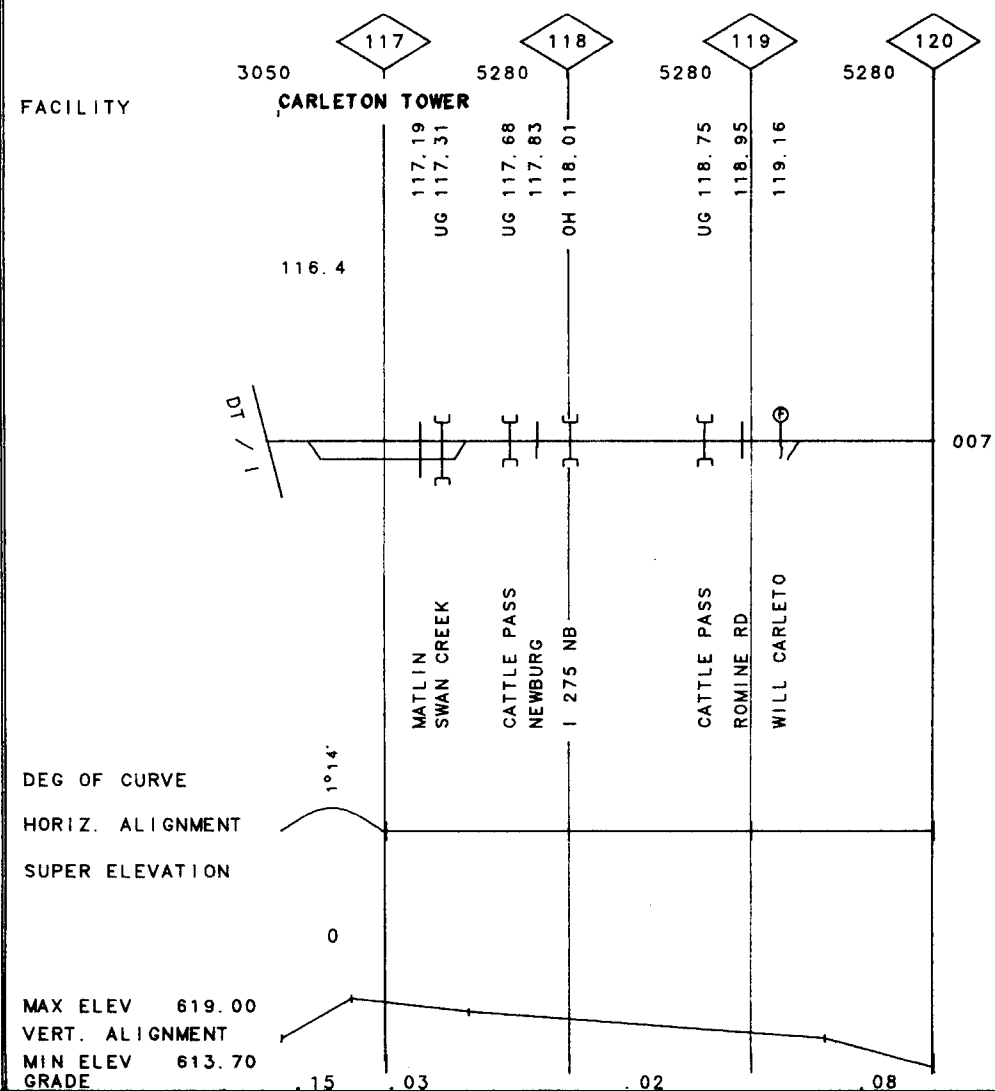
MAX ELEV 587.00
VERT. ALIGNMENT
MIN ELEV 585.00
GRADE



007

007

ASH



[illegible]

007

VALUATION
TOWN

RIVER ROAD

V7321
BROWNSTOWN

LURMET

EUREKA

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

MAX ELEV 621.00
VERT. ALIGNMENT
MIN ELEV 604.00
GRADE

PENFORD TOWER

007

36-5232 LINCOLN BR.

REV. 01/84

MP 120.00-MP 130.00 MI

59

GRINDING	
SURFACING	805
TIES	80
UNDERCUTTING	
RAIL	30-44
BAL. CLEAN	
TONNAGE (MGY)	
T.Y. SPEED	15
UG. CABLE	

007

VALUATION
TOWN

V7321 | V7322

LINCOLN PARK

ECORSE

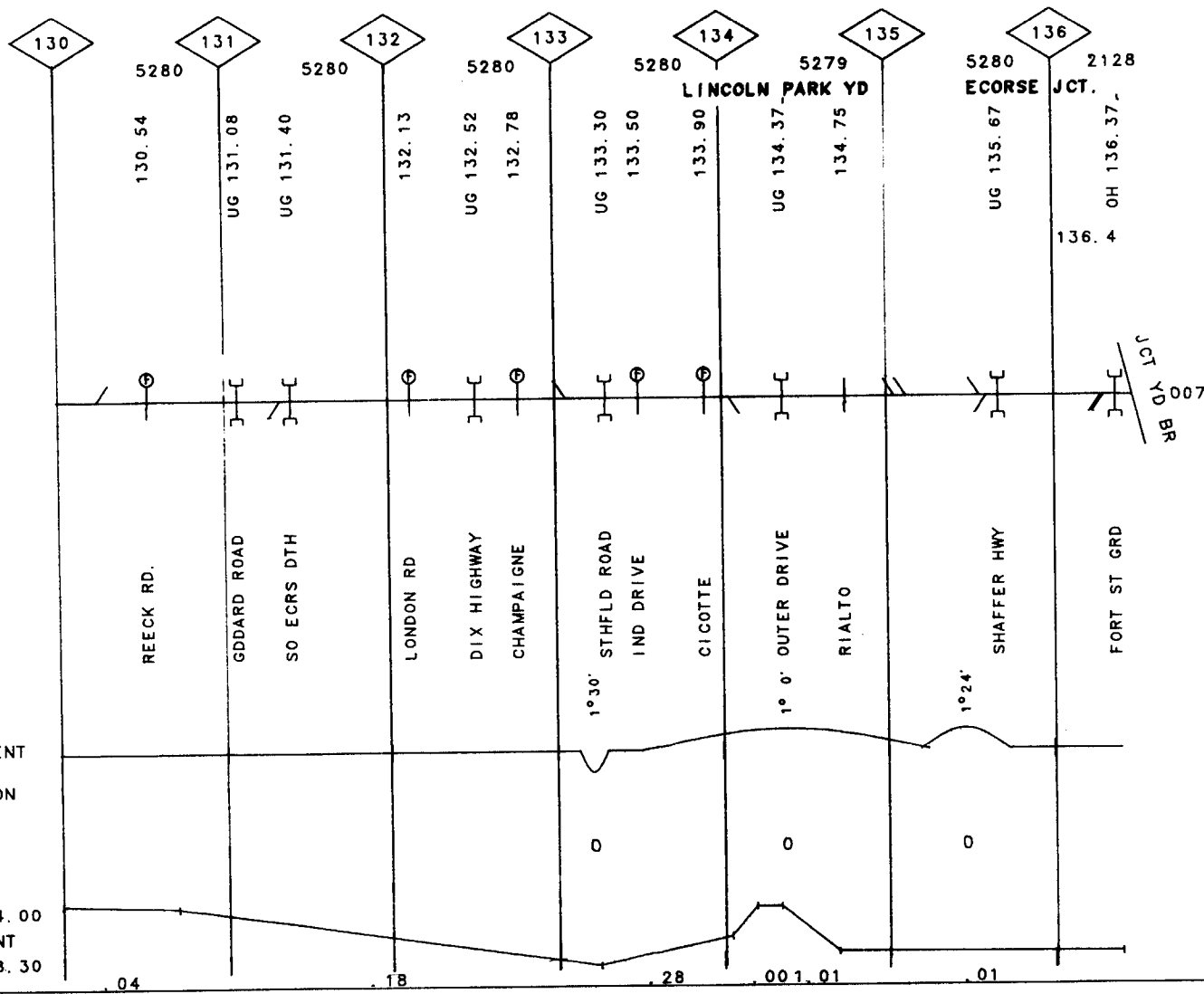
FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 604.00
VERT. ALIGNMENT
MIN ELEV 578.30
GRADE



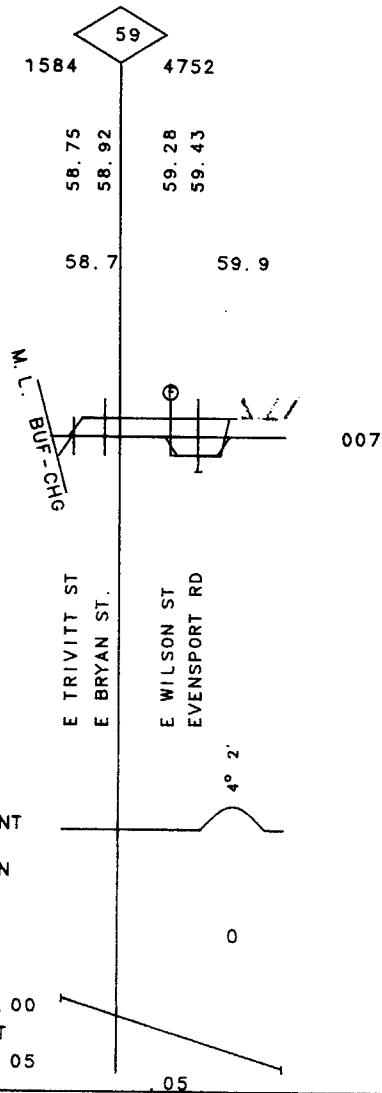
GRINDING	
SURFACING	58.11
TIES	
UNDERCUTTING	
RAIL	90-27F
BAL. CLEAN	
TONNAGE (MGT)	
T Y SPEED	10
UG. CABLE	

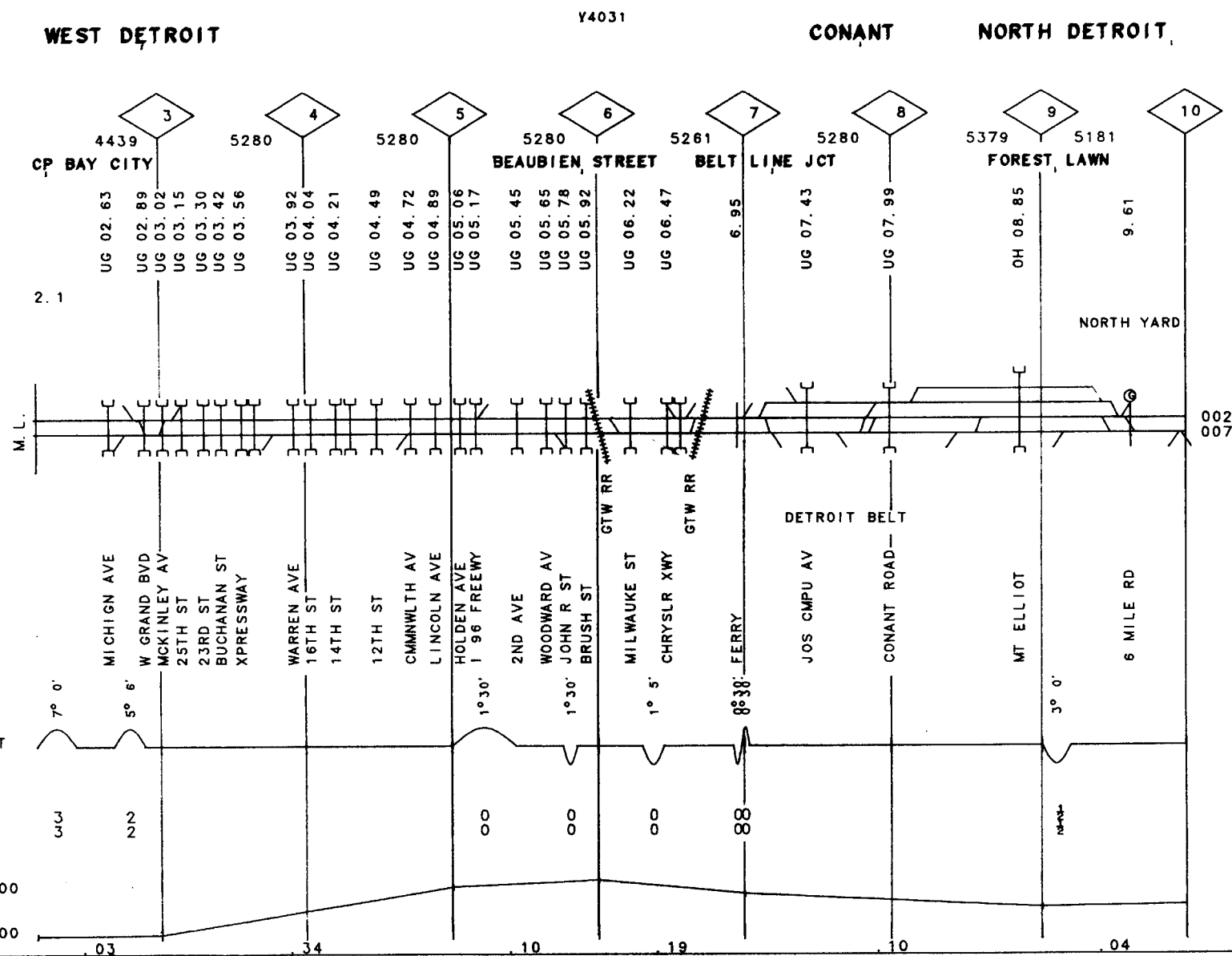
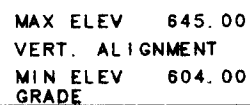
007

VALUATION
TOWN

V5510
BRYAN

FACILITY



002007

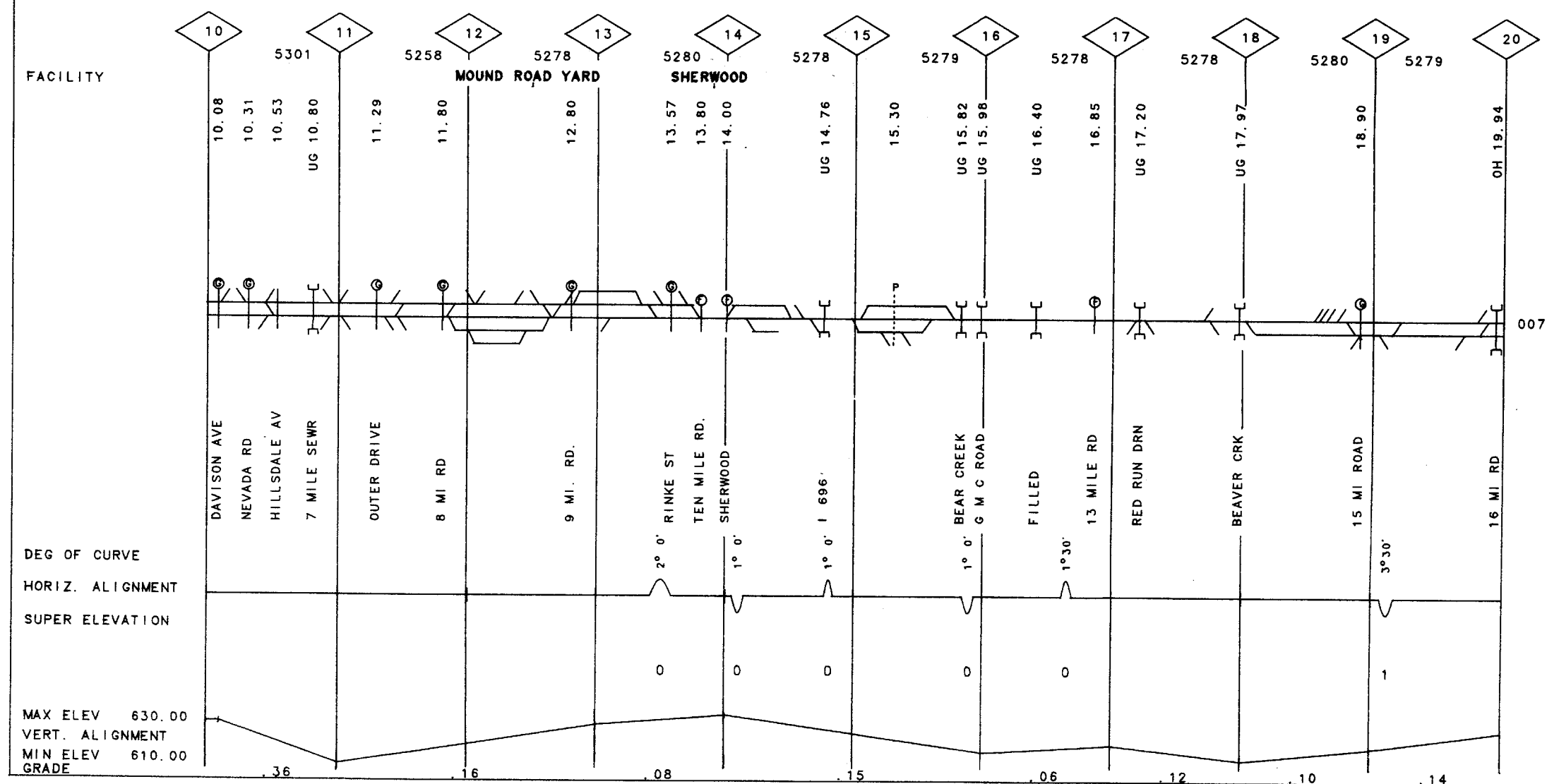
[illegible]VALUATION
TOWN

V4031 | V4032

CITY LINE

CENTER LINE

WARREN



36-5233 MACKINAW BR.

REV. 01/84

MP	10.00	-MP	20.00	MI
----	-------	-----	-------	----

63

WCS[illegible]

007

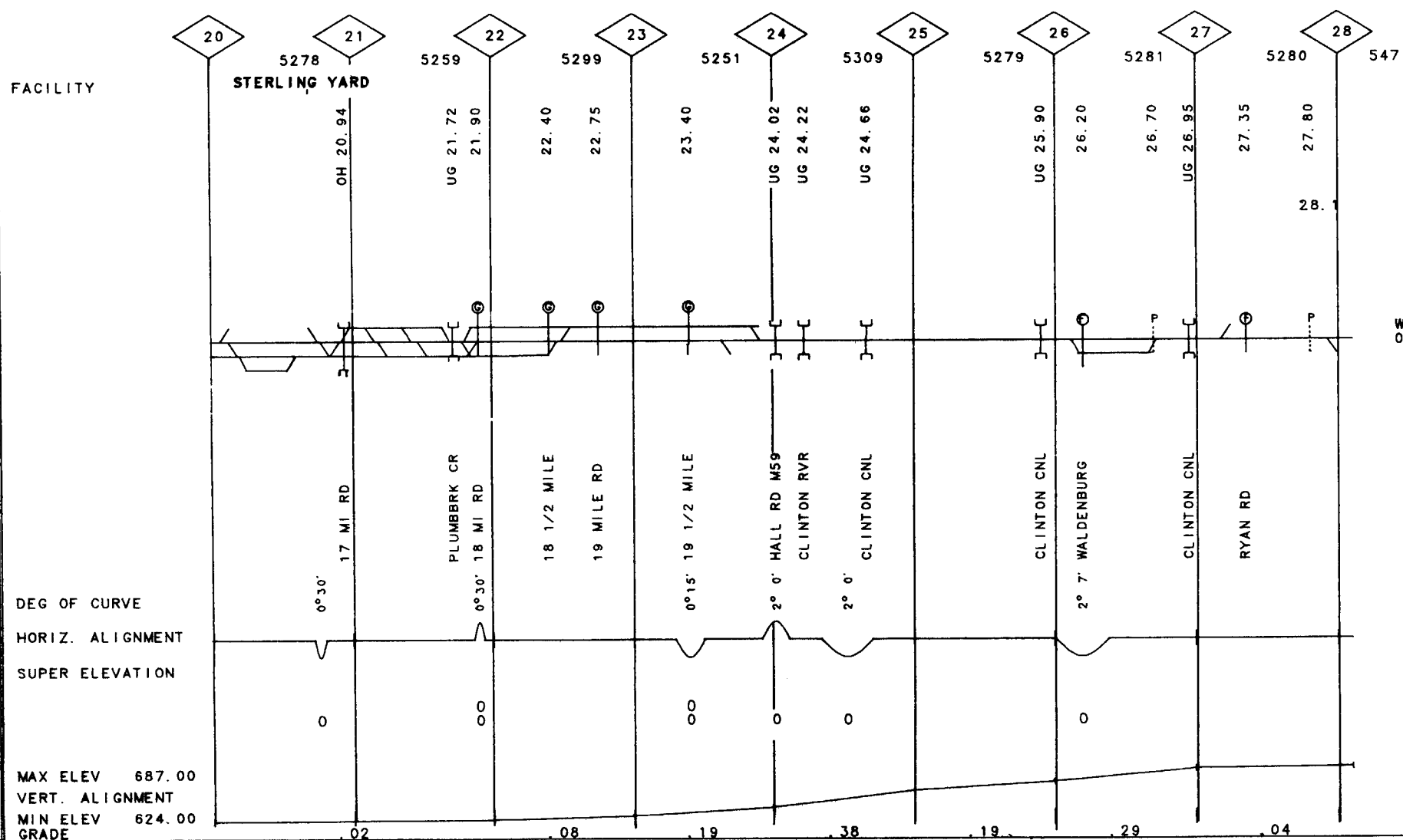
WCS
007



STERLING HEIGHTS

V4032
UT ICA

BEND PACKARD DEPEWS



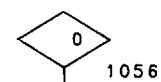
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	✓
BAL. CLEAN	
TONNAGE (WGT)	
T. SPEED	
UG. CABLE	

007

VALUATION
TOWN

V4060
DETROIT

FACILITY



MACKINAW BR
GTW RR

007

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

MAX ELEV 590.55
VERT. ALIGNMENT
MIN ELEV 590.00
GRADE

06

GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MG)	
T. SPEED	10
UG. CABLE	

002

	001	007	
GRINDING			
SURFACING	791		791
TIES	77		77
UNDERCUTTING			
RAIL	31-78	31-78	31-78
BAL. CLEAN			
TONNAGE (MG)			
T. SPEED	10	10	
UG. CABLE			

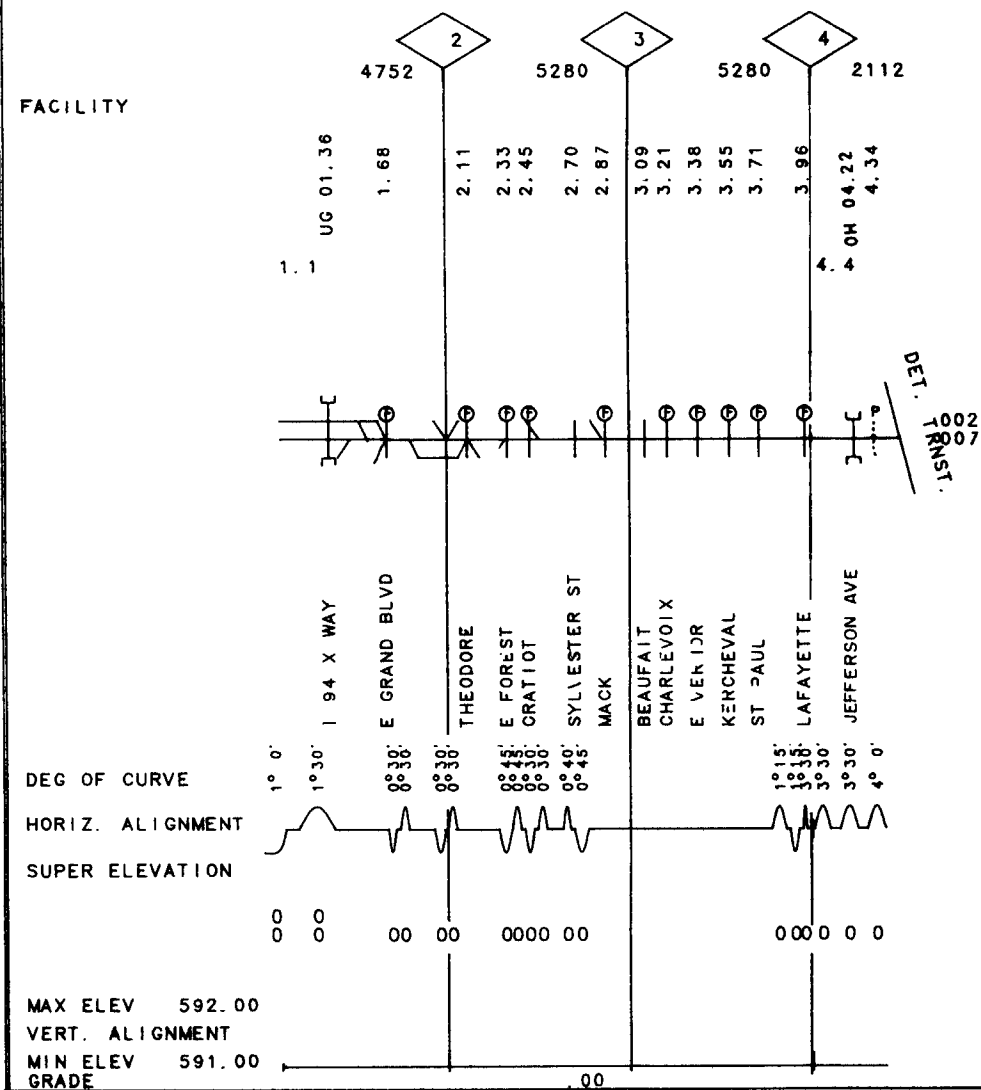
007

VALUATION
TOWN

PALMER, YARD

V4060

FACILITY

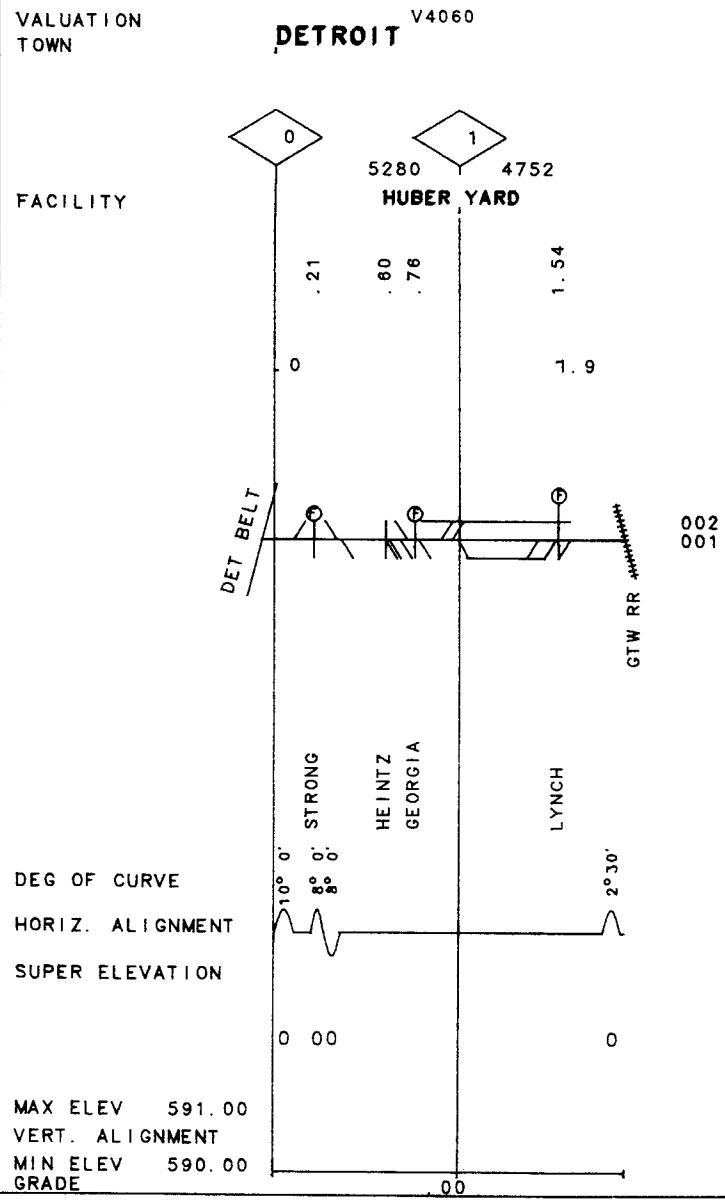


GRINDING		
SURFACING		
TIES		
UNDERCUTTING		
RAIL		
BAL CLEAN		
TONNAGE(MGT)		
T T SPEED	10	
UG. CABLE		

002

GRINDING		
SURFACING	78P	
TIES		
UNDERCUTTING		
RAIL	31F78	
BAL CLEAN		
TONNAGE(MGT)		
T T SPEED	10	
UG. CABLE		

001

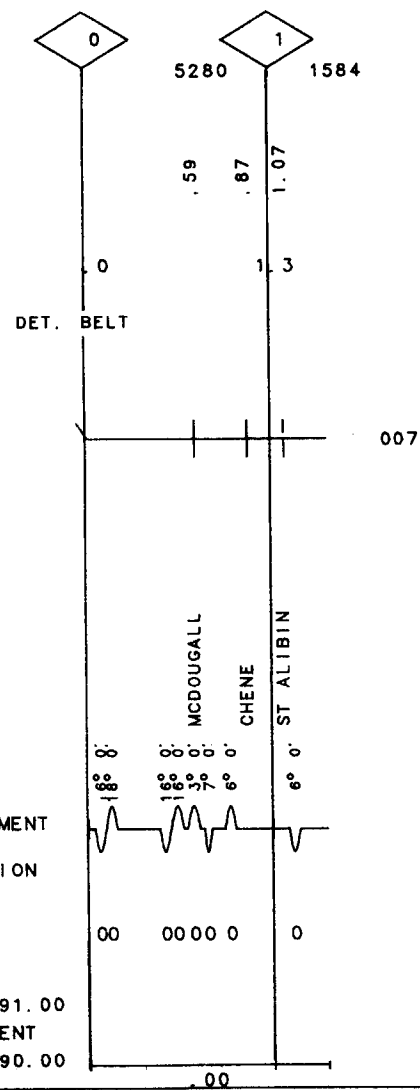


GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	59-25
BAL. CLEAN	
TONNAGE (MGT)	
T. SPEED	10
UG. CABLE	

007

VALUATION
TOWNV4070
DETROIT

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 591.00
 VERT. ALIGNMENT
 MIN ELEV 590.00
 GRADE

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

007

VALUATION
TOWN

V4100
DETROIT

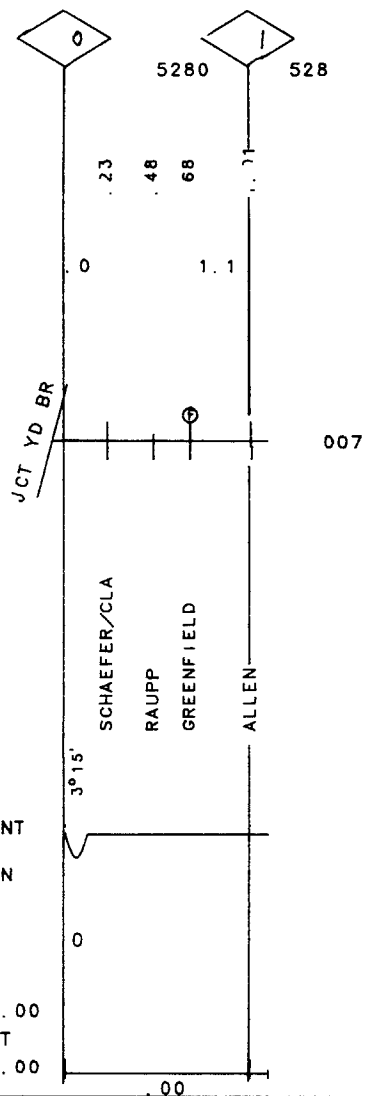
FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 591.00
VERT. ALIGNMENT
MIN ELEV 590.00
GRADE



70

MI

.80

-MP

.00

MP

REV.

01/84

36-5250

DELTA SPUR

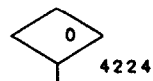
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	15
UG. CABLE	

007

VALUATION
TOWN

V4081
DETROIT

FAÇILITY



.02

.0

.8

TOLEDO BR

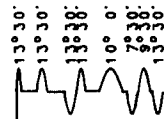
007

COPLAND

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION



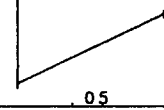
1 1 11 1/2 001

MAX ELEV 592.00

VERT. ALIGNMENT

MIN ELEV 590.00

GRADE



.05

GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGY)	
T. T. SPEED	10
UG. CABLE	

007

VALUATION
TOWN

DETROIT

/4081

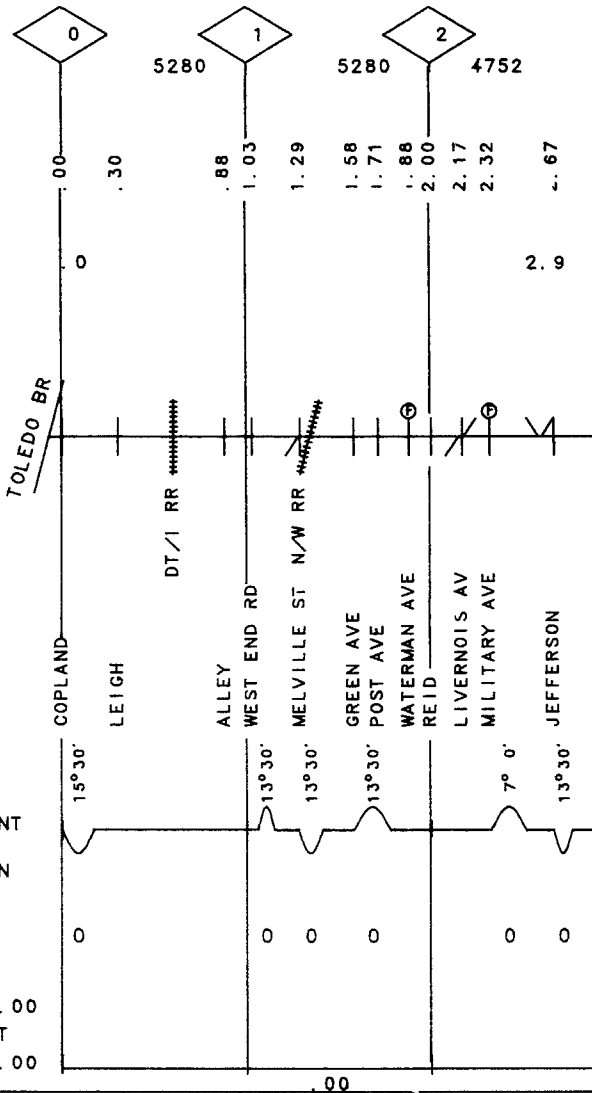
FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 591.00
VERT. ALIGNMENT
MIN ELEV 590.00
GRADE



007

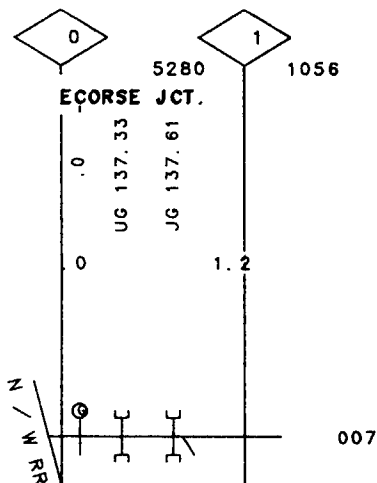
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE(MGT)	
T. SPEED	10
UG. CABLE	

007

VALUATION
TOWN

DETROIT

FACILITY

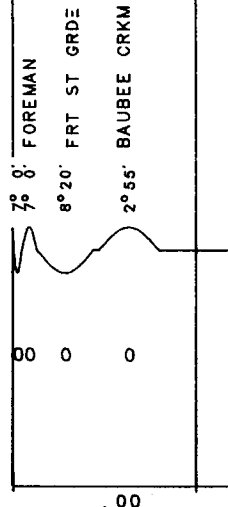


DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 591.00
VERT. ALIGNMENT
MIN ELEV 590.00
GRADE



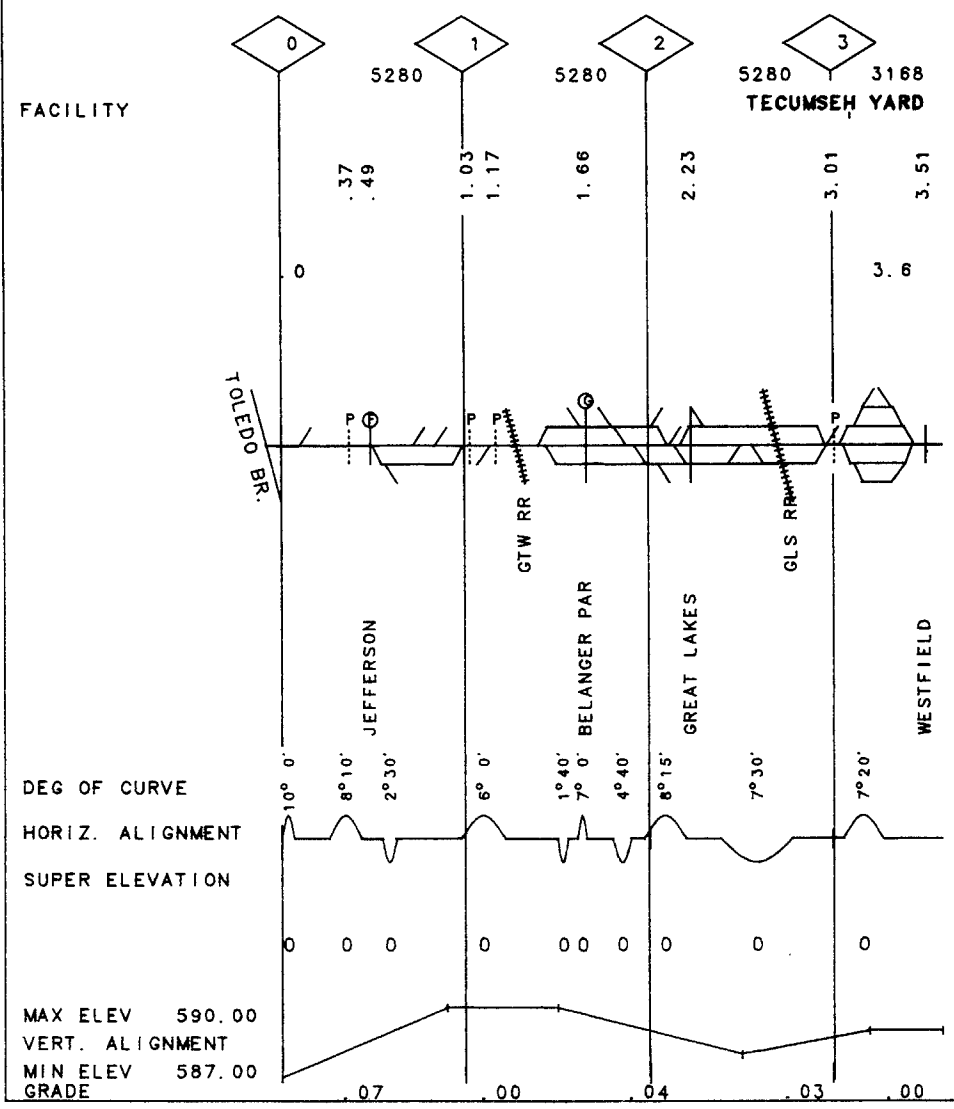
GRINDING	
SURFACING	81
TIES	74
UNDERCUTTING	
RAIL	
BAL. CLEAN	781
TONNAGE (MGY)	
T. SPEED	10
UG. CABLE	

007

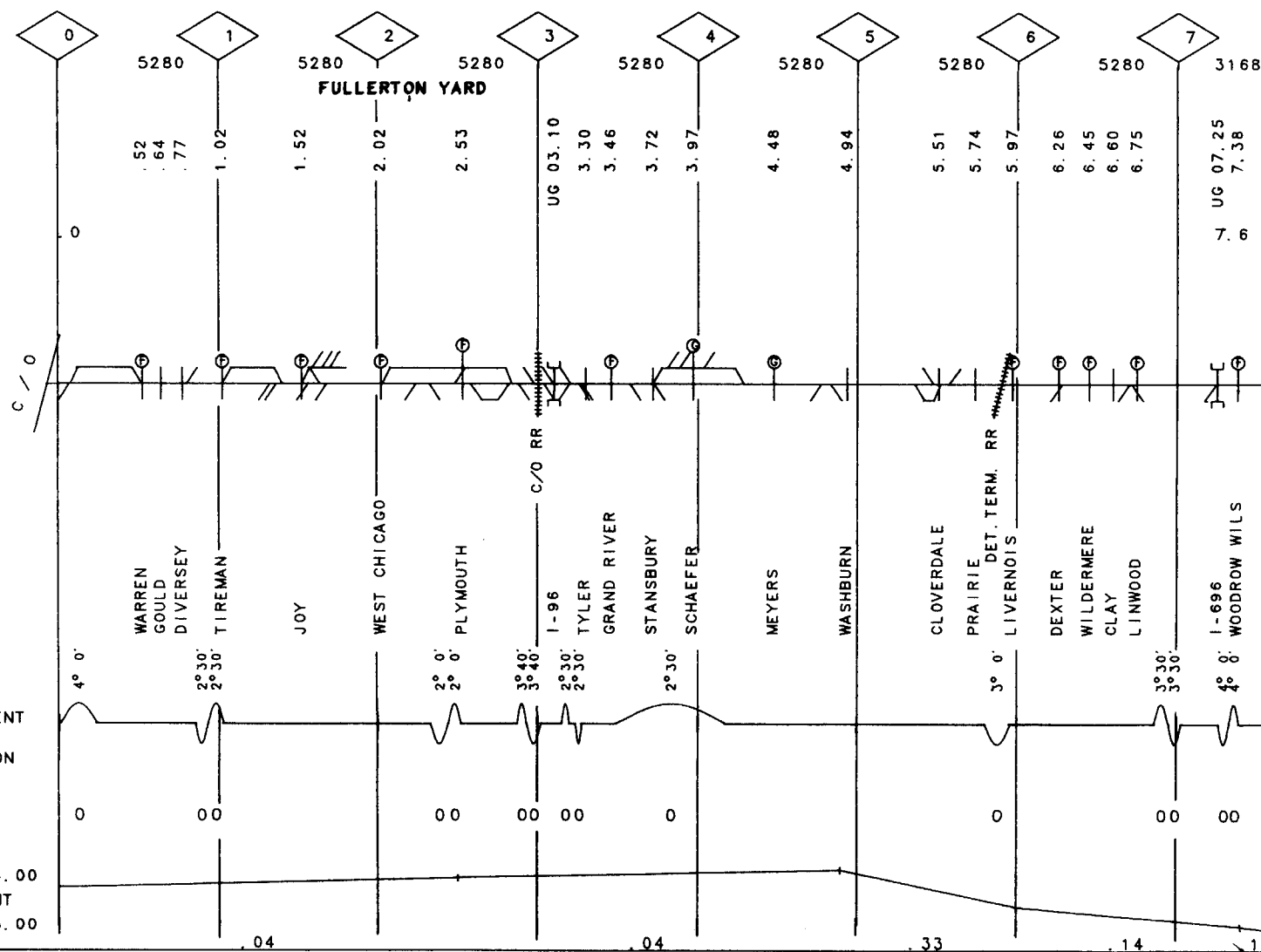
VALUATION
TOWN

DETROIT

V4081



007

007

007

GRINDING		
SURFACING	77P	79T
TIES		79
UNDERCUTTING		
RAIL		
BAL. CLEAN		
TONNAGE (MGT)	7.9	
T. T. SPEED	10	
UG. CABLE		

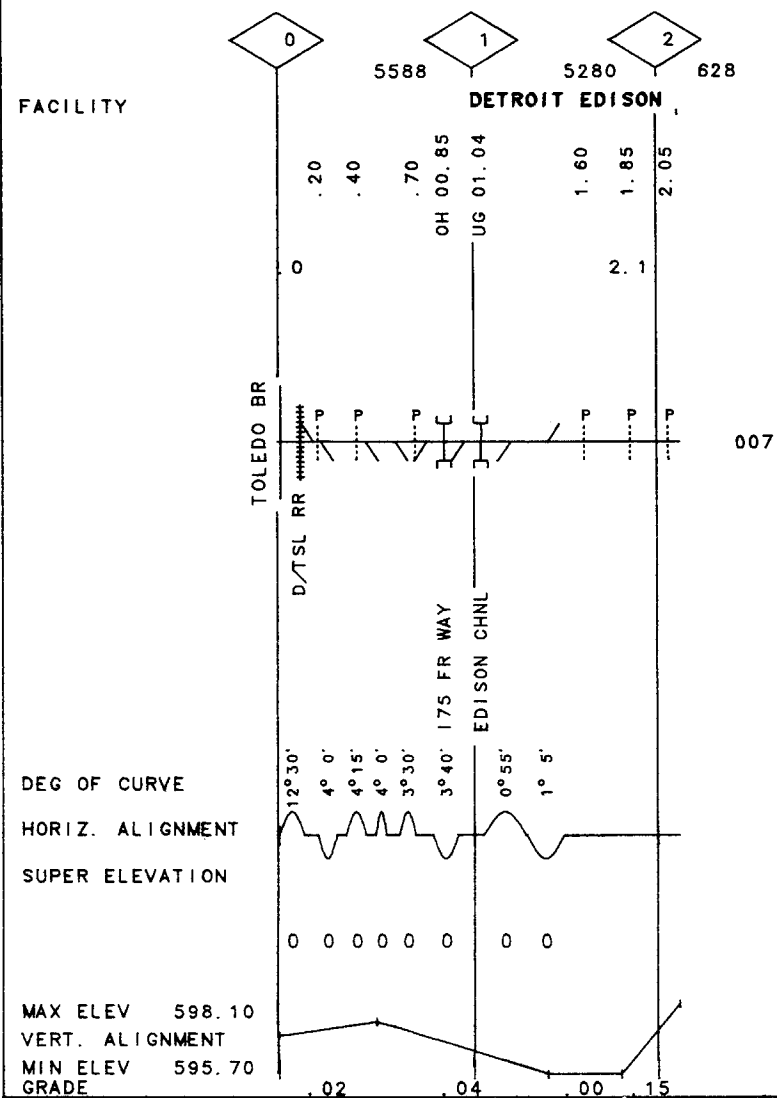
007

VALUATION
TOWN

MONROE

V2330

FACILITY



007

VALUATION
TOWN

DETROIT

V8620

HIGHLAND PARK

FORD JCT.

FACILITY

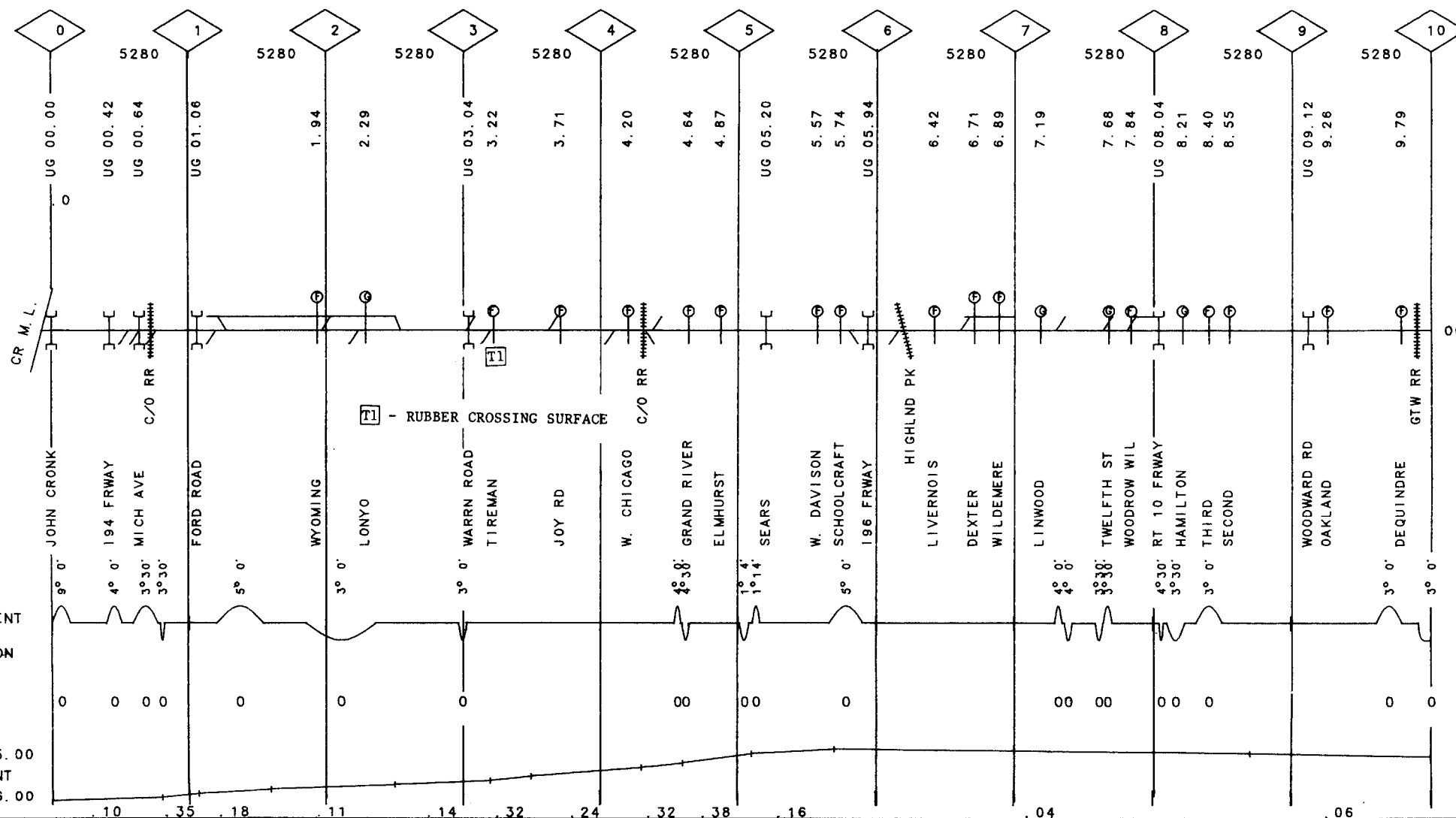
DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

MAX ELEV 645.00
VERT. ALIGNMENT
MIN ELEV 586.00
GRADE

GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	00
BAL. CLEAN	
TONNAGE (MGT)	
T. SPEED	10
UG. CABLE	

007

007



[illegible]