



MAINTENANCE PROGRAM

AND

TRACK CHART

WESTERN REGION

DEARBORN DIVISION

1988

CONRAIL

ENGINEERING DEPT.



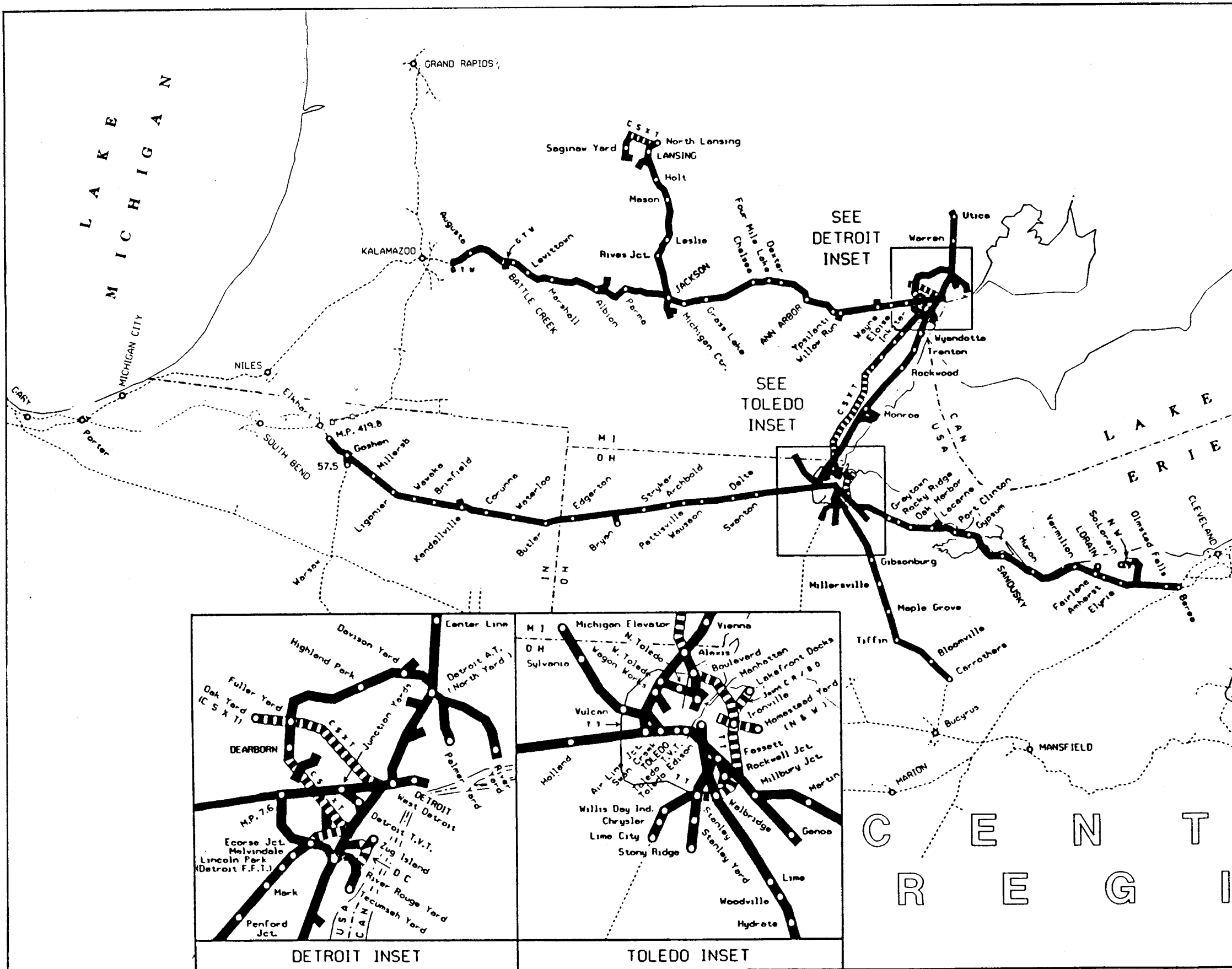
LINE NAME	BETWEEN	M.P. TO M.P.	CODE	STATE	PAGE
CHICAGO LINE	BEREA & STATE LINE	194.3-355.3	36-3600	OH	1- 17
CHICAGO LINE	STATE LINE & ELKHART	355.3-420.0	36-3600	IN	17- 23
DETROIT LINE	DETROIT & STATE LINE	2.7- 49.4	36-5221	MI	24- 31
DETROIT LINE	STATE LINE & ALEXIS	49.4- 50.1	36-5221	OH	31- 32
DETROIT LINE	ALEXIS & SWAN CREEK	50.1- 57.7	36-3621	OH	33- 33
MICHIGAN LINE	DETROIT & TOWN LINE	1.0- 7.6	36-5204	MI	34- 34
MICHIGAN LINE	TOWN LINE & KALAMAZOO	7.6-140.0	36-5304	MI	35- 48
CARROTHERS SEC.	TIFFIN & WALBRIDGE	41.2- 80.5	36-3612	OH	49- 53
CLINTON I.T.	VULCAN & STATE LINE	299.3-308.0	36-3635	OH	60- 61
CLINTON I.T.	STATE LINE	308.0-309.8	36-3635	OH	61- 61
DELTA SPUR I.T.	DETROIT (TOLEDO BR. & END)	0.0- 0.8	36-5250	MI	78- 78
DETROIT BELT LINE I.T.	DETROIT, MI.	0.0- 0.2	36-5245	MI	75- 75
DETROIT BELT LINE I.T.	DETROIT, MI.	1.1- 2.2	36-5245	MI	76- 76
DETROIT BELT LINE EXT.	DETROIT, MI.	0.0- 1.9	36-5246	MI	77- 77
EASTERN R.T.	TOLEDO (SA) & STONY RIDGE	4.0- 8.5	36-3632	OH	57- 57
EASTERN R.T.	STONEY RIDGE & LUCKEY	8.5- 14.8	36-8132	OH	58- 58
EXPOSITION SPUR I.T.	DETROIT (DETROIT LINE & END)	0.0- 2.9	36-5251	MI	80- 80
FOREMAN WYE I.T.	DETROIT AT DELRAY	0.0- 1.2	36-5252	MI	81- 81
GALENA YARD TRACK	OLIVE & GALENA	85.6- 86.6	36-3612	OH	53- 53
GR&I I.T.	KENDALLVILLE	119.0-120.1	36-3138	IN	62- 62
HIGHLAND PARK I.T.	DEARBORN & HIGHLAND PARK	0.0- 5.9	36-5257	MI	89- 89
JACKSON I.T.	JACKSON	96.5- 97.4	36-5321	MI	91- 91
JUNCTION YARD SEC.	SCHAEFER TOWER & "YD"	0.0- 4.1	36-5231	MI	70- 70
LANSING BR.	LANSING	36.9- 37.9	36-5337	MI	95- 95
LANSING I.T.	ALBION	22.0- 23.4	36-5352	MI	97- 97
LANSING I.T.	CEDAR RIVER	57.1- 58.9	36-5352	MI	98- 98
LANSING I.T.	NORTH LANSING	60.4- 61.4	36-5352	MI	99- 99
LANSING MFRS. BR.	LANSING	0.0- 5.1	36-5354	MI	90- 90
LANSING SEC.	JACKSON & LANSING	0.2- 36.9	36-5337	MI	92- 95
LINCOLN SEC.	CARLETON & PENFORD	116.4-129.4	36-5232	MI	67- 68
LINCOLN R.T.	PENFORD & ECORSE JCT.	129.4-136.4	36-5232	MI	68- 69
LORAIN R.T.	ELYRIA YD. & SO. LORAIN	0.0- 6.8	36-3631	OH	56- 56
MARION BR.	GOSHEN & YOST (CP57)	55.4- 57.5	36-3643	IN	65- 65
MARSH I.T.	DETROIT, MI.	0.0- 3.6	36-5254	MI	79- 79
MEADOWS I.T.	LANSING	37.9- 38.8	36-5337	MI	95- 95
MIAMI CUT BR.	MAUMEE & STANLEY (SA)	1.2- 4.0	36-3632	OH	57- 57
MONROE I.T.	MONROE (DETROIT LINE & END)	0.0- 2.1	36-5258	MI	82- 82

3634 ?

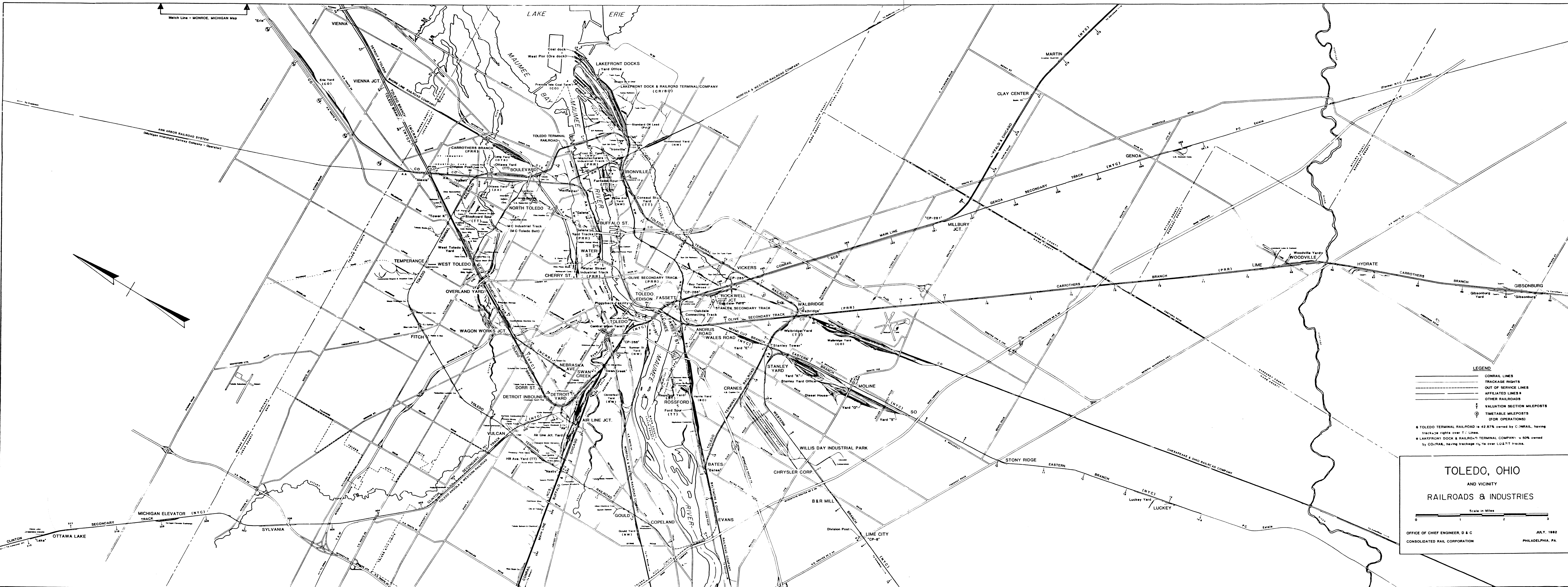
CONRAIL
ENGINEERING DEPT.



LINE NAME	BETWEEN	M. P. TO M. P.	CODE	STATE	PAGE
NORTHERN I. T.	JACKSON & VANDERCOOK LAKE	0.0- 4.2	36-5348	MI	96- 96
NORTHERN I. T.	BRYAN, OH.	58.7- 59.9	36-8248	OH	83- 83
NORTH YARD BR.	DETROIT & NORTH YARD	2.1- 9.6	36-5233	MI	72- 72
NORWALK YARD TK.	ELYRIA JCT.	208.9-209.4	36-3633	OH	63- 63
OAKDALE CONN. TK.	CP286 & CP OAK	286.9-287.8	36-3630	OH	55- 55
OLIVE I. T.	WALBRIDGE & OLIVE	80.5- 85.6	36-3612	OH	53- 53
RIVER I. T.	TOLEDO OH.	0.0- 1.0	36-3648	OH	71- 71
SHIPSHEWANA I. T.	GOSHEN	0.0- 0.7	36-3642	IN	64- 64
STANLEY SEC.	OAKDALE & STANLEY (SA)	1.8- 5.3	36-3644	OH	59- 59
STERLING SEC.	NORTH YARD & STERLING YD.	9.6- 20.7	36-5233	MI	72- 74
TERMINAL EAST I. T.	RIVER YD & NO. YD. TOWER	-0.9- 5.5	36-5999	MI	84- 85
TERMINAL WEST I. T.	NO. YD. TOWER & FORD JCT.	5.5- 10.3	36-5999	MI	85- 86
TERMINAL WEST I. T.	HIGHLAND PARK	10.3- 11.8	36-5257	MI	87- 87
TERMINAL WEST I. T.	HIGHLAND PARK & DETROIT	11.8- 17.5	36-5999	MI	88- 88
TOLEDO BR.	TOLEDO (SA) & LIME CITY	4.0- 8.8	36-3622	OH	54- 54
UTICA I. T.	STERLING YD. & RAYS	20.7- 26.8	36-5233	MI	74- 74
WATER STREET I. T.	TOLEDO OH.	0.0- 1.0	36-3649	OH	66- 66



MAP DEARBORN DIVISION WESTERN REGION



LEGEND

- CONRAIL LINES
- TRACKAGE RIGHTS
- OUT OF SERVICE LINES
- AFFILIATED LINES
- OTHER RAILROADS
- VALUATION SECTION MILEPOSTS
- TIMETABLE MILEPOSTS (FOR OPERATIONS)

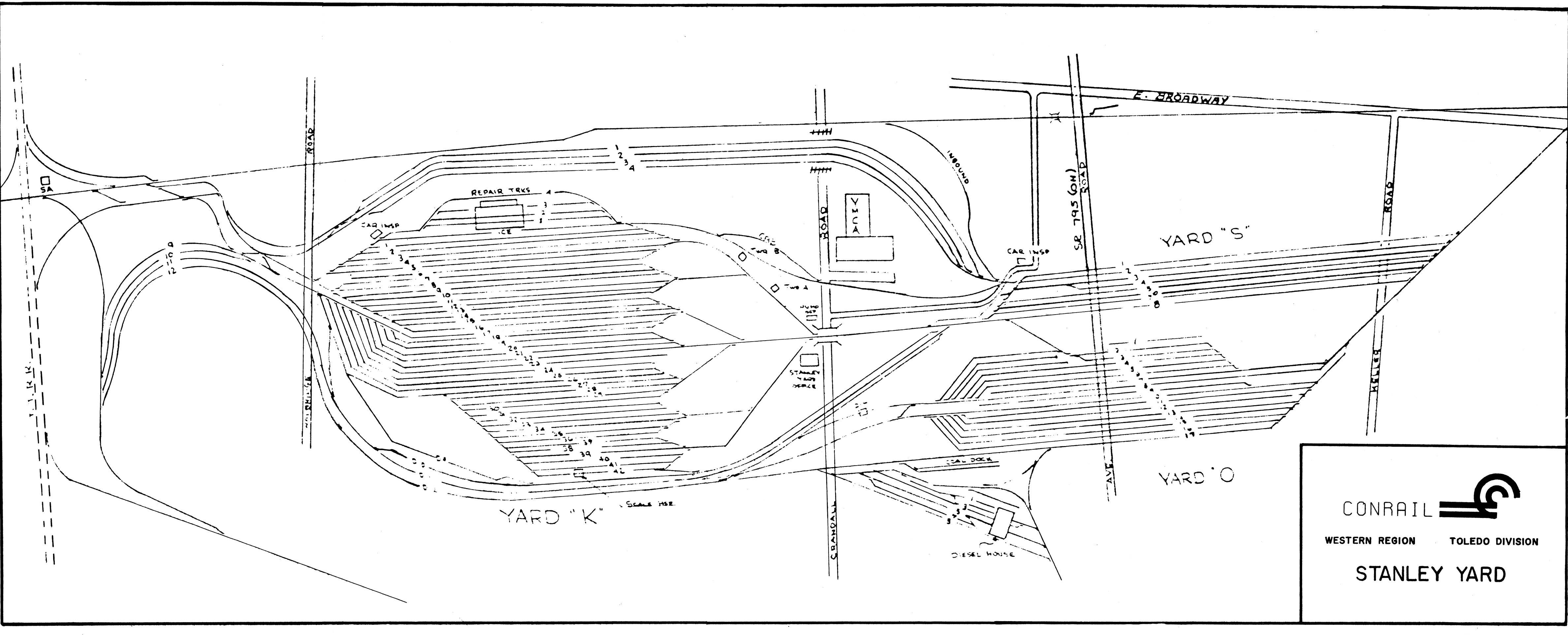
* TOLEDO TERMINAL RAILROAD is 42.87% owned by CONRAIL, having trackage rights over T. Lines.
* LAKEFRONT DOCK & RAILROAD TERMINAL COMPANY is 50% owned by CONRAIL, having trackage rights over L.D.R.T. tracks.

TOLEDO, OHIO
AND VICINITY
RAILROADS & INDUSTRIES


Scale in Miles
0 1 2 3

OFFICE OF CHIEF ENGINEER, D & C
CONSOLIDATED RAIL CORPORATION

JULY, 1982
PHILADELPHIA, PA.



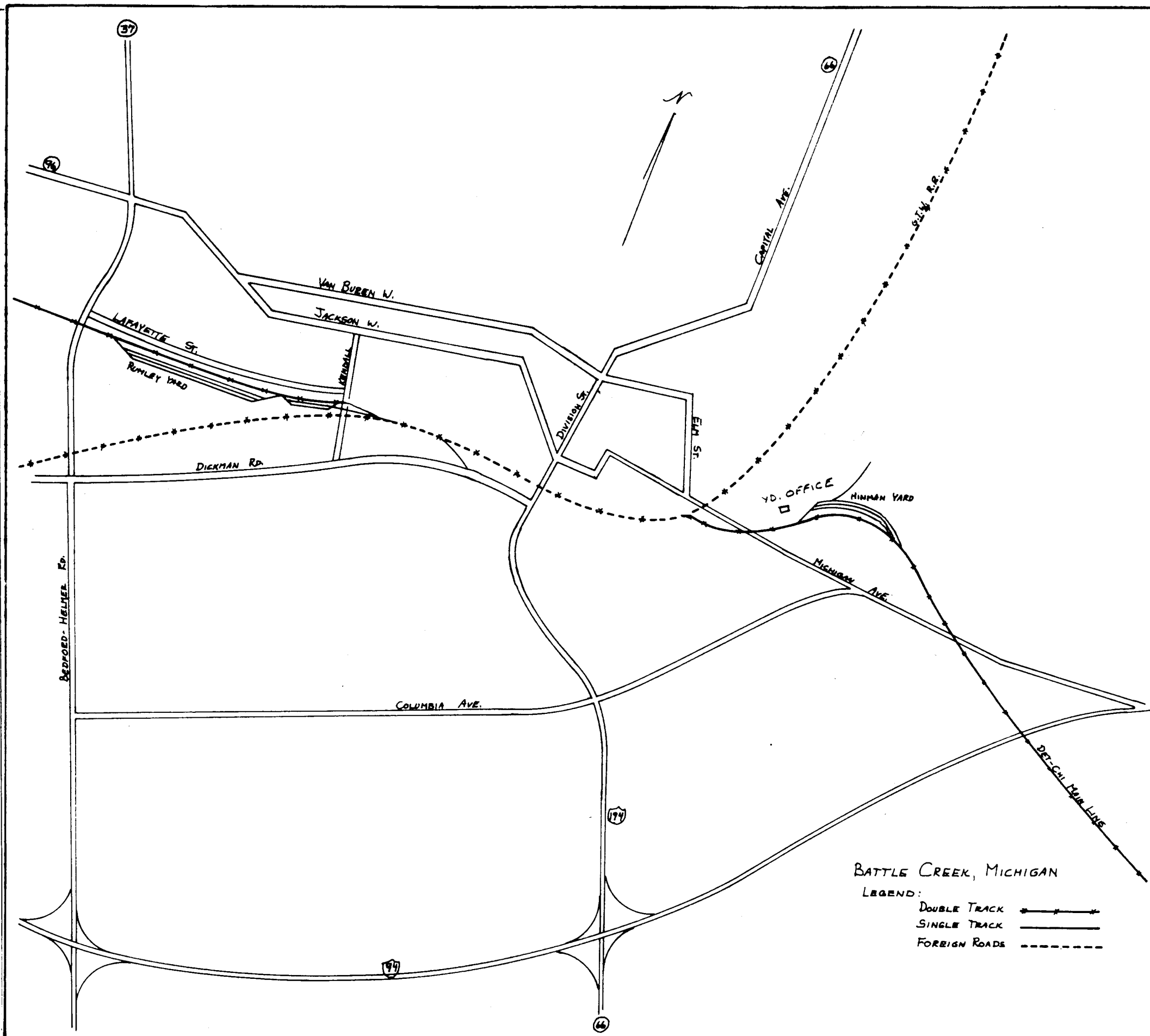
CONRAIL



WESTERN REGION

TOLEDO DIVISION

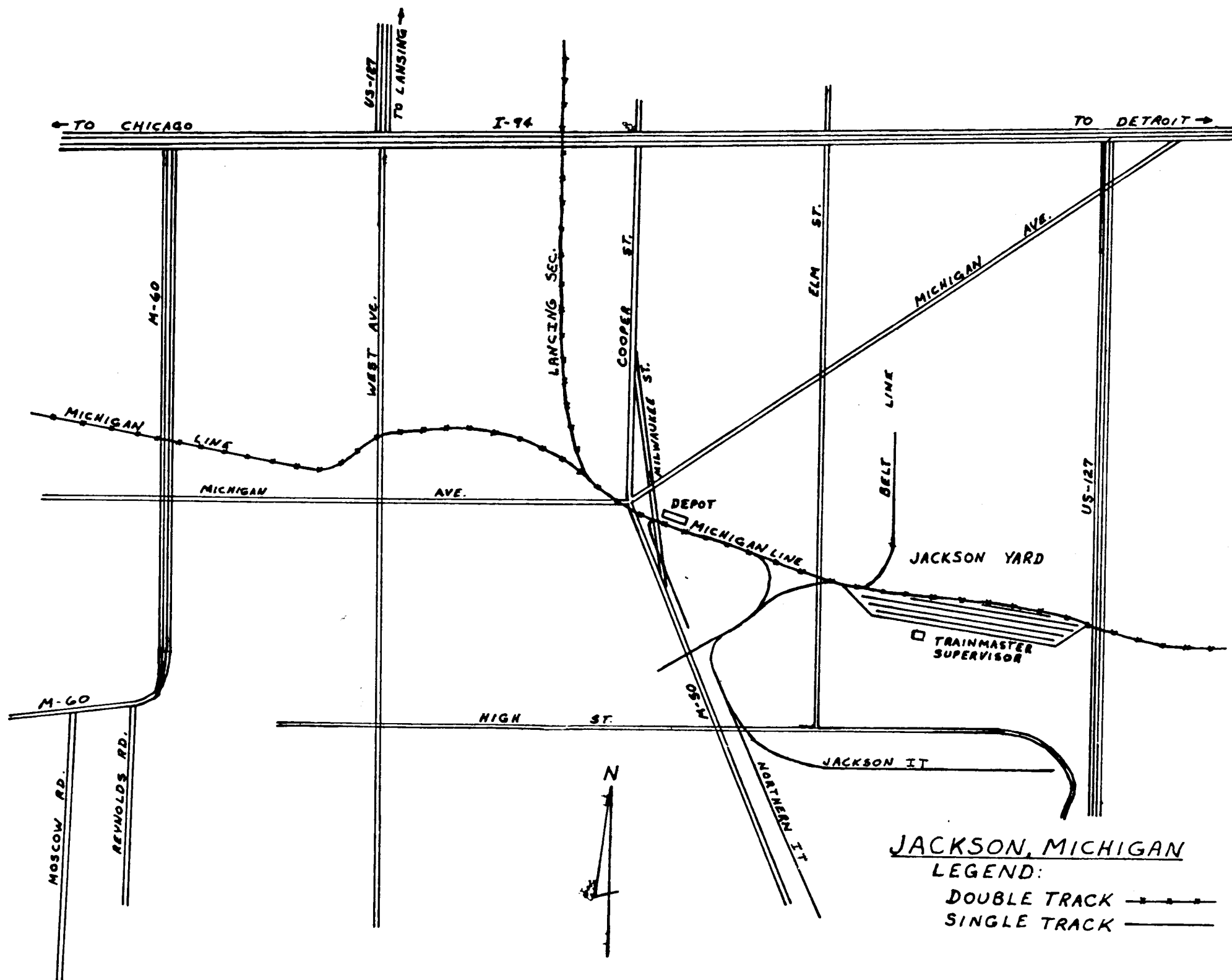
STANLEY YARD

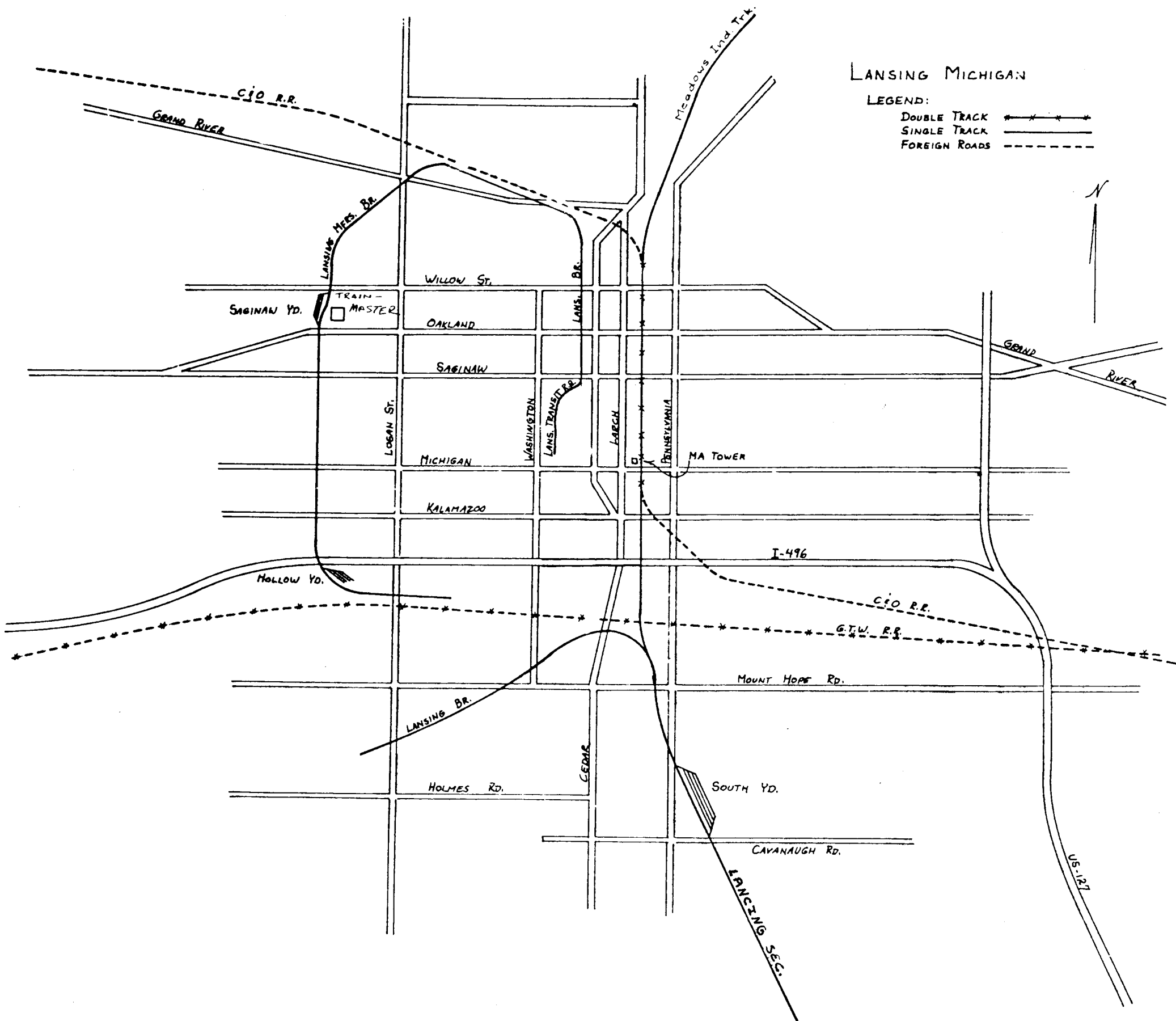


BATTLE CREEK, MICHIGAN

LEGEND:

DOUBLE TRACK ———+——+——
 SINGLE TRACK ———
 FOREIGN ROADS - - - - -





LIMITING CLEARANCES BY LINE

DEARBORN 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
CHICAGO LINE	BEREA-OH/IN ST LINE	194.3-355.3	256.08	19'01"	3600
CHICAGO LINE	OH/IN ST LINE-ELKHART	355.3-420.0	373.29	19'10"	3600
DETROIT LINE	DETROIT-MI/OH ST LINE	2.7- 49.4	TT 6.20	18'10"	5221
DETROIT LINE	MI/OH ST LINE-ALEXIS	49.4- 50.1	50.07	23'01"	5221
DETROIT LINE	ALEXIS-SWAN CREEK	50.1- 57.7	55.37	22'00"	3621
DETROIT STATION	TRACK 005			15'07"	5204
MICHIGAN LINE	DETROIT-TOWN LINE	1.4- 7.6	5.65	20'02"	5204
CARROTHERS SEC	CARROTHERS-WALBRIDGE	27.1- 80.5	43.60	22'07"	3612
CLINTON SEC	VULCAN-OH/MI ST LINE	299.3-308.0	NO INFORMATION		3635
CLINTON SEC	OH/MI ST LINE-EAST RIGA	308.0-315.5		21'	3635
DD&D I.T.	DETROIT	0.0- 1.1		21'	5249
DELTA SPUR	DETROIT(TOLEDO BCH-TERMINUS)	0.0- 0.8		21'	5250
DETROIT BELT LINE I.T.	DETROIT	0.0- 0.2		21'	5245
DETROIT BELT LINE	DETROIT	1.1- 4.4	4.22	15'07"	5245
DETROIT BELT LINE EXT	DETROIT	0.0- 1.9		21'	5246
DETROIT TERMINAL RR	DETROIT-DEARBORN	0.0- 19.2		21'	5999
DETROIT TRANSIT CO	DETROIT	0.0- 1.3		21'	5247
EASTERN BCH	TOLEDO(SA)-STONY RIDGE	4.0- 8.5	NO INFORMATION		3632
EASTERN BCH	STONEY RIDGE-LUCKEY	8.5- 14.8		21'	8132
EXPOSITION SPUR	DETROIT(TOLEDO BCH-TERMINUS)	0.0- 2.9		21'	5251
FOREMAN WYE	DETROIT AT DELRAY	0.0- 1.2		21'	5252
GALENA Y.T.	OLIVE-GALENA	85.6- 86.6	NO INFORMATION		3612
GENOA I.T.	GENOA-MILLBURY JCT	281.5-287.6		21'	3633
GR&I I.T.	KENDALLVILLE	119.0-120.1		21'	3138
HIGHLAND PARK I.T.	DEARBORN-HIGHLAND PARK	0.0- 7.6		21'	5257
JUNCTION YARD SEC	SCHAEFFER TOWER-YD	0.0- 4.1	0.93	19'09"	5231
LINCOLN SEC	CARLETON-ECORSE JCT	116.4-136.4		21'	5232
LORAIN R.T.	ELYRIA YARD-SOUTH LORAIN	0.0- 6.8	0.05	21'10"	3631
MARION BCH	GOSHEN-YOST	55.4- 57.5		21'	3643
MARSH TK	DETROIT	0.0- 3.6		21'	5254
MIAMI CUI BCH	MAUMEE-STANLEY(SA)	1.2- 4.0		24'	3632
MONROE I.T.	TOLEDO BCH-MONROE PT-TERMINUS	0.0- 2.1		21'	5258
NORTHERN I.T.	BRYAN	58.7- 59.9		21'	8248
NORTH YARD BCH	DETROIT-NORTH YARD	2.1- 9.6	2.50	22'05"	5233
NORWALK Y.T.	ELYRIA JCT	208.9-209.4		21'	3633
OLIVE I.T.	WALBRIDGE-OLIVE	80.5- 85.6		21'	3612
RIVER I.T.	TOLEDO	0.0- 1.0		21'	3648
SHIPSHEWANA I.T.	GOSHEN	0.0- 0.7		21'	3642
STANLEY SEC	OAKDALE-STANLEY(SA)	1.8- 5.3	TT 2.10	19'06"	3644
STERLING SEC	NORTH YARD-RAYS	9.6- 28.1	20.94	22'10"	5233
TOLEDO BCH	TOLEDO(SA)-LIME CITY	4.0- 8.8	7.30	22'07"	3622
WATER STREET I.T.	TOLEDO	0.0- 1.0		16'09"	3649

LIMITING CLEARANCES BY LINE

. DEARBORN DIVISION

LIMITING CLEARANCE LISTING BY LINE
 BASED ON 11 FOOT WIDTH AT MOST CRITICAL POINT ABOVE TOP OF
 RAIL AT LOWEST STRUCTURE ON THE LINE AS PER CURRENT RECORDS

LINE	BETWEEN	MILE POST LIMITS	LINE CODE	CLEARANCE (FT-IN)	STRUCTURE
MICHIGAN LINE	TOWN LINE-KALAMAZOO	7.6-145.0	3904	19-02	37.61
JACKSON I.T.	JACKSON	96.5- 97.4	5321	21-00	
LANSING MFRS RR	LANSING	0.0- 5.1	5354	20-03	4.70
LANSING SEC	JACKSON-LANSING	0.2- 37.9	5337	22-03	1.89
MEADOWS I.T.	LANSING	37.9- 38.8	5337	21-00	
MENDON SEC	THREE RIVERS-WASEPI	27.4- 36.9	5321	21-00	

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.

CHICAGO LINE		BEREA-ELKHART	RDBR 3600	M.P. 194.3-420.0
UH	211.81	NS RR	001 TK	
UH	211.81	NS RR	002 TK	
UH	213.13	JACKSON ST.	001 TK	
UH	213.13	JACKSON ST.	002 TK	
UH	214.97	QUARRY RD	001 TK	
UH	214.97	QUARRY RD	002 TK	
UH	219.03	HIGH BRIDGE RD	001 TK	
UH	219.03	HIGH BRIDGE RD	002 TK	
TT	248.00	BAY BRIDGE THRU TRUSS	001 TK	
TT	248.00	BAY BRIDGE THRU TRUSS	002 TK	
TT	256.08	PORTAGE RIVER THRU TRUSS	001 TK	
TT	256.08	PORTAGE RIVER THRU TRUSS	002 TK	
UH	265.84	NS RR	001 TK	
UH	265.84	NS RR	002 TK	
WIRE	283.82		001 TK	
WIRE	283.82		002 TK	
UH	287.18	FASSETT ST	001 TK	
UH	287.18	FASSETT ST	002 TK	
UH	287.54	OLIVE SECONDARY	001 TK	
UH	287.54	OLIVE SECONDARY	002 TK	
TT	287.55	MAUMEE RIVER SWING BRIDGE	001 TK	
TT	287.65	MAUMEE RIVER SWING BRIDGE	002 TK	
UH	288.52	SUMMER ST.FOOTBRIDGE	001 TK	
UH	288.52	SUMMER ST.FOOTBRIDGE	002 TK	
UH	289.03	FIELD AVE	001 TK	
UH	289.03	FIELD AVE	002 TK	
UH	289.08	NS RR	001 TK	
UH	289.08	NS RR	002 TK	
UH	290.21	JUNCTION AVE.FOOTBRIDGE	001 TK	
UH	290.21	JUNCTION AVE.FOOTBRIDGE	002 TK	
UH	290.21	JUNCTION AVE.FOOTBRIDGE	003 TK	
SIG	291.85	WRH SIG @ NASBY	002 TK	
UH	348.27	COUNTY RD	001 TK	
UH	373.29	RTE 327	001 TK	
UH	373.29	RTE 327	002 TK	
UH	383.75	COUNTY RD	001 TK	
UH	395.26	COUNTY RD	001 TK	
UH	395.26	COUNTY RD	002 TK	
UH	403.00	NS RR	001 TK	
UH	403.00	NS RR	002 TK	
DETROIT LINE		DETROIT-ALEXIS	RDBR 5221	M.P. 2.7- 50.1
TT	6.20	ROUGE RIVER THRU TRUSS	001 TK	
TT	6.20	ROUGE RIVER THRU TRUSS	002 TK	

DETROIT LINE

ALEXIS-SWAN CREEK

RDBR 3621

M.P. 50.1- 57.7

ALL STRUCTURES EXCEED 20'00"

MICHIGAN LINE

DETROIT-TOWN LINE

RDBR 5204

M.P. 1.4- 7.6

OH	5.65	CHESSIE RR	001 TK
OH	5.65	CHESSIE RR	002 TK
OH	5.65	CHESSIE RR	YD4 TK
OH	5.67	DT&I RR	001 TK
OH	5.67	DT&I RR	002 TK
OH	5.67	CHESSIE RR	YD4 TK
OH	5.75	DT&I RR	001 TK
OH	5.75	MILLER RD	YD4 TK
OH	5.75	MILLER RD	YD6 TK

LINE CODE	LINE NAME	MILE POST LIMITS	STRUCTURE	LOCATION/ DESCRIPTION	TRACK
5304	MICHIGAN LINE	7.6-145.0	OH 37.61	AA RR	001
			OH 37.61	AA RR	002

COST CENTER LISTING FOR DEARBORN 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
FULLERTON YARD	3.30	3.30	YRD	19483	36-5257
HIGHLAND PARK IND	.00	3.10	007	19466	36-5257
HIGHLAND PARK IND	3.10	7.60	007	19469	36-5257
LANSING SEC.	36.80	37.80	001	15033	36-5337
LANSING SEC.	36.80	37.80	002	15033	36-5377

Endangered Plant Species

DEARBORN DIVISION

<u>Line Name</u>	<u>M.P. from</u>	<u>M.P. to</u>	<u>Location</u>
Michigan Line	32.46	33.14	South side of tracks
Michigan Line	34.90	35.65	Both sides of tracks
Michigan Line	38.44	39.44	Both sides of tracks
Michigan Line	80.55	80.75	South Side of tracks
Michigan Line	88.30	90.60	South side of tracks
Michigan Line	114.25	115.25	North side of track
Michigan Line	123.80	124.40	North side of track

Telephone Numbers for Fiber Optic Cable Location Services

AT & T Communications

Pennsylvania	800-242-1776 703-430-5217	or Collect Calls Accepted
Ohio	800-328-6039	
Michigan	800-482-7171	
Indiana	800-382-5544 800-428-5700	or Out of State
Illinois	800-892-9123 312-744-7000	Except Chicago Chicago
New Jersey	800-272-1000	
Massachusetts	800-322-4844	
New York	716-893-1133 800-962-7962 800-245-2828	Western Central Southern

RCI Corporation

All States	800-624-8926
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US Sprint

All States	800-521-0579
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Corning Glass

New York	800-962-7962
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Up-John Company

Michigan	800-482-7171
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EDS

Michiagn	800-482-7171
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Mutual Signal Corp.

Michigan	800-482-7171
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C & P Telephone

Maryland	800-257-7777
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CONRAIL ENGINEERING

1988 MAINTENANCE OF WAY FIELD TESTS

DEARBORN DIVISION

- T1 - Krupp Chrome Vanadium Rail Test - To determine wear rate and monitor for defects. Krupp Stahl, Rheinhausen, West Germany. Installed in 1984 on the Detroit Inbound LC 3621 at MP 0.6.
- T2 - Crossing Diamond Guard Rail Test - Guard rails installed ahead of crossing diamonds to see if better alinement can be maintained through the diamonds by trying to straighten the trucks. Four guard rails from Abex were installed at Sandusky, OH, CP 242 on the Chicago Line, LC 3600, Sept., 1987.
- T3 - Crossing Diamond Base Plate Test - Various types of stops to be tested on the 1" thick base plates to provide a better means of maintaining lateral support for the crossing diamonds. Tests will be on the Chicago Line, LC 3600 at the following locations:

Installed

- | | | |
|---------------------|---------------------------------------|---------|
| 1. Elyria, CP 207 | - Pin Stops | 1-12-87 |
| 2. Sandusky, CP 242 | - Pin Stops and "U" Stops | 7-9-87 |
| 3. Vickers, CP 285 | - Pandrol Clips with Welded Shoulders | 6-29-87 |
- T4 - Camrail Crossing Diamond Bolts Test - Camrail bolts installed during manufacture of 2 crossings by L. B. Foster. Bolts are being tested to determine durability and performance for reducing maintenance. Bolts manufactured by Camcar Textron, Rockford, IL. Two crossings were installed at Sandusky, OH on the Chicago Line, LC 3600, CP 242, July 9, 1987.
- T5 - Rai-Lock Bolt Test - Rai-Lock High Strength Bolts installed during manufacture of 2 crossings by Pettibone. Bolts are being tested to determine durability and performance for reducing maintenance. Bolts made by Russel Burdsall and Ward, Cleveland, OH. Installed in crossing diamonds at "Vickers", CP-285, E. Toledo, Ohio, M.P. 285.4, Track No. 2, Chicago Line, L.C. 36-3600, July 6, 1987.

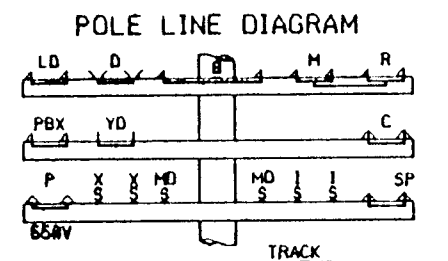
PROGRAM LEGEND

DATE OF WORK PRECEDES CODE (IF KNOWN)

CONDITIONS	CODES
GRINDING	(NO. OF PASSES)
SURFACING	TYPE OF MACHINE USED E = ELECTROMATIC T = TAMPER P = PLASSER C = PLASSER- CONT. ACTION TAMPER (CAT)
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 M = MEDIUM MANGANESE /// = CONTINUOUS WELDED RAIL (BUTT WELDED RAILS 79 FEET OR LONGER WHERE LAID IN SUCCESSION)
NOTE:	ON RAIL WEIGHTS OF OVER 100 LBS., THE NUMBER 1 IS DROPPED. EXAMPLE: 140 LBS. WOULD BE WRITTEN 40. THE WEIGHT WILL PRECEDE THE YEAR RAIL WAS LAID.

BALLAST CLEANING	TYPE OF MACHINE USED L = LORAM S = SPEND
TONNAGE	(MGT) in MILLION GROSS TONS (Prior Year)
TIMETABLE SPEED	(25) = LOCAL ORDINANCE PASSENGER/FAST FREIGHT/FREIGHT
UG CABLE	CONRAIL F.O.C. N, S, E, W, = DIRECTION B = BOTH SIDES
PROGRAMMED WORK	SURFACE AFTER RAIL

CHART LEGEND	
CRITICAL CLEARANCE STRUCTURE (SEE SUMMARY SHEETS)	C
M/W TEST LOCATION	TI
TUNNEL	— E —
BRIDGE (OH & UG)	— [] —
LONG BRIDGE	— [] —
RR XING	— + + + + + —
PUB RD XING (GRADE)	— + —
PUB RD XING (GRADE) (W/FLSH)	— + (T) —
PUB RD XING (GRADE) (W/FLSH & GATES)	— + (G) —
PRIVATE RD XING	— + (u) —
AUTOMATIC SIGNAL	— F —
CURVE LUBRICATOR	— (L) —
DRAWING EQUIP DET	— X —
HOT BOX DET (PT. DIR. TRAFFIC)	— > —
HOT BOX & DRAG EQUIP (WITHIN 250')	— X —
TIMETABLE M.P.	— (1) —
VALUATION M.P.	— (1) —
ENDANGERED PLANT SPECIES	— > —



- △ = NO. 9 COPPER WIRE
- ▽ = NO. 8 COPPER WIRE
- ▲ = NO. 8 WEATHER PROOF COPPERWELD
- ⋈ = NO. 8 IRON
- ⋈ = NO. 6 WEATHER PROOF COPPER
- ⋈ = NO. 10 WEATHER PROOF COPPERWELD

KEY TO PIN SYMBOLS

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

KEY TO LINE CIRCUITS

GRINDING	1	82	84	85C	001
SURFACING	1	85	85	85	
TIES	1	81	85	85	
UNDERCUTTING	1	40-73	40-75	40-75	
RAIL	1	81	80	85	
BAL CLEAN	1	34.3	35.1	35.1	
TONNAGE (MGT)	50/50/50	(35)	79/70/50		
T Y SPEED					
UG CABLE					

GRINDING	1	84	85	85	002
SURFACING	1	85	85	85	
TIES	1	81	85	85	
UNDERCUTTING	1	40-73	40-75	40-75	
RAIL	1	85	80	85	
BAL CLEAN	1	26.6	27.0	27.0	
TONNAGE (MGT)	40/40/40	(35)	79/70/50		
T Y SPEED					
UG CABLE					

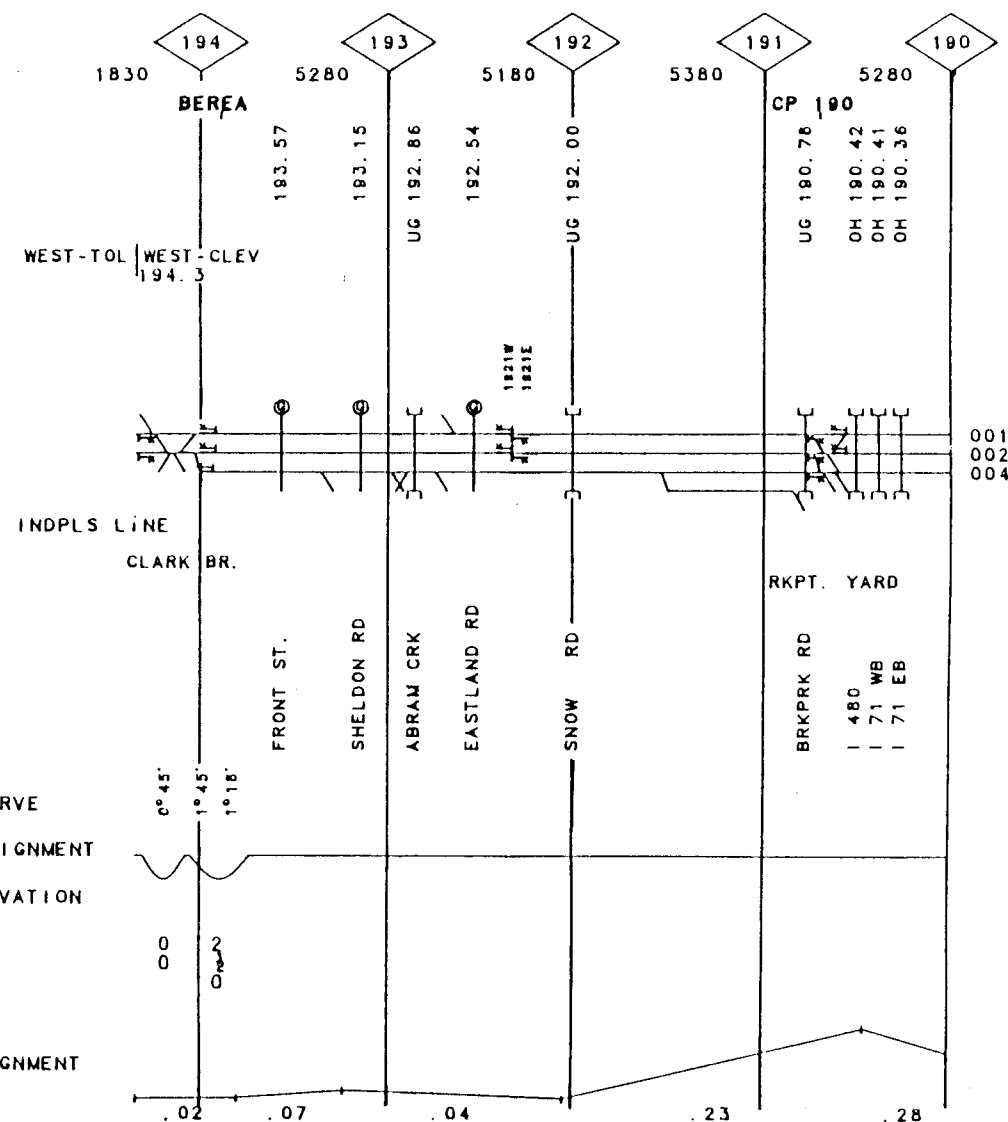
GRINDING	004	86	79	79	004
SURFACING	004	86	79	79	
TIES	004	86	79	79	
UNDERCUTTING	004	27F79			
RAIL	004	27F79			
BAL CLEAN	004	45.5	46.0	46.0	
TONNAGE (MGT)	30/30		30/30		
T Y SPEED					
UG CABLE					

VALUATION TOWN

BEREA

V2060/V2040

FACILITY



1988 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				
TIES	78	87	85	
UNDERCUTTING				
RAIL		27-27		105-22
BAL. CLEAN				
TONNAGE(MGT)			1.3	
T. SPEED			20	
UG. CABLE				

NCS

GRINDING					
SURFACING					
TIES		84	87	86	
UNDERCUTTING			86		
RAIL			40-75		152-86
BAL. CLEAN		87	84	83	84
TONNAGE(MGT)			44.0		
T. SPEED		79/70/50		70/70/50	
UG. CABLE		N			50/50/50

001

GRINDING					
SURFACING					
TIES		856	84	83	86
UNDERCUTTING					
RAIL			40-75		152-86
BAL. CLEAN			87		
TONNAGE(MGT)			57.8		
T. SPEED		79/70/50		70/70/50	
UG. CABLE			S		50/50/50

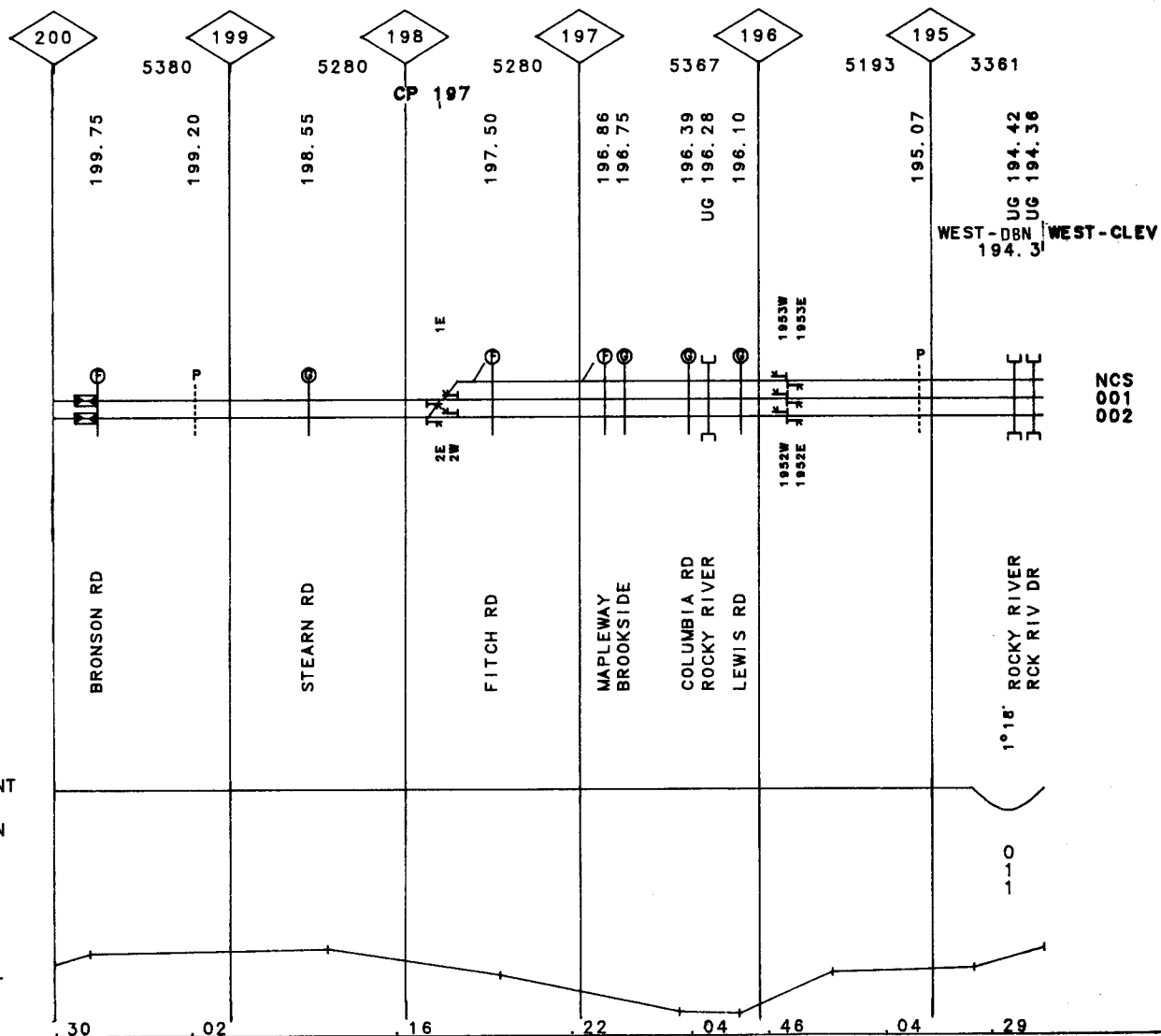
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VALUATION
TOWN

V2060
OLMSTED, FALLS

BEREA

FACILITY



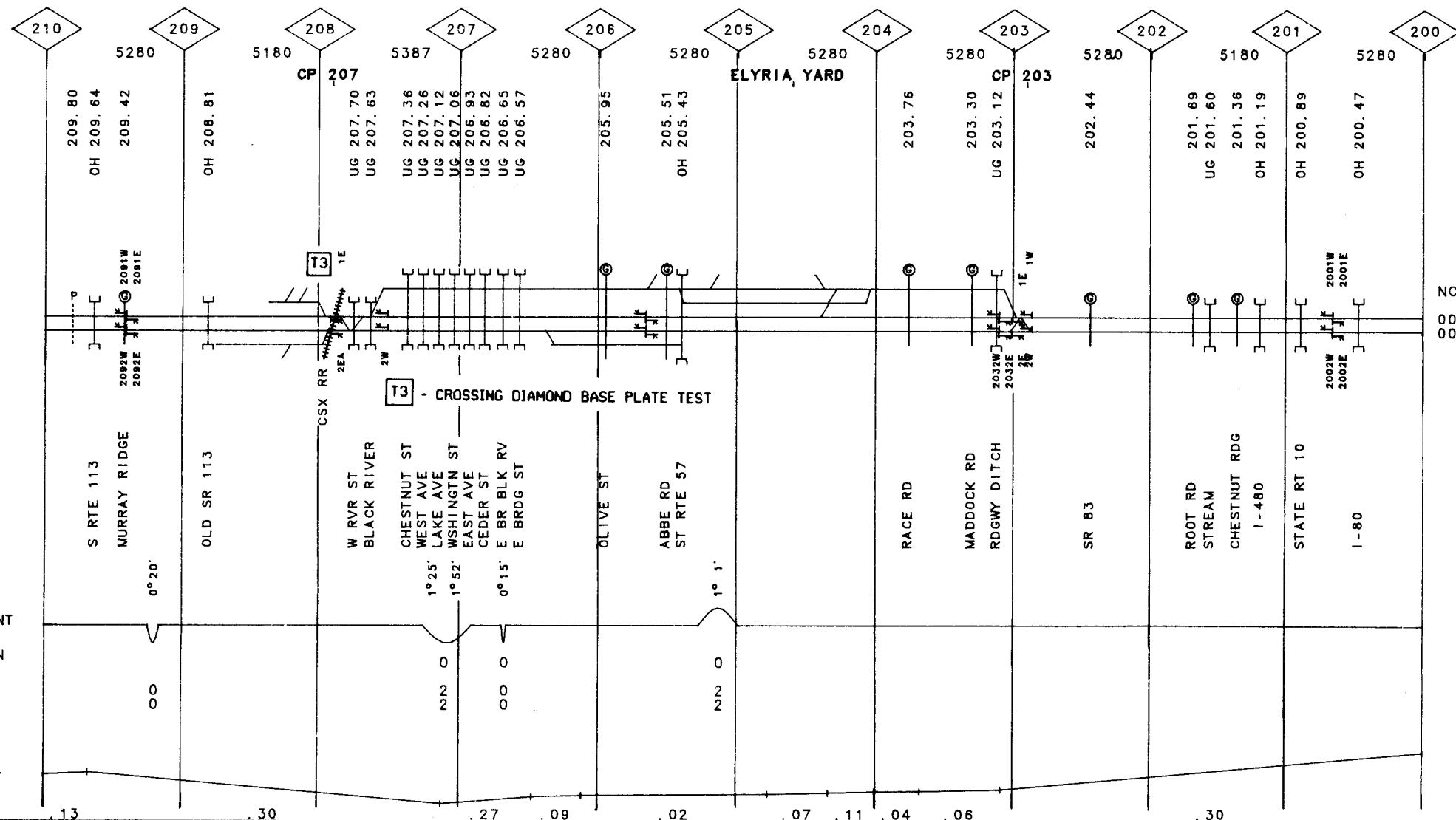
DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE

	84	87	86	87	84
GRINDING					
SURFACING					
TIES					
UNDERCUTTING					
RAIL	40-76	27-66	36-66	40F84	36-66
BAL CLEAN	87				87
TONNAGE(MGT)					
T T SPEED	79/70/50	79/50/50	50/50/50	44.0	79/70/50
UG. CABLE		N-			N-

	84	85	82	87	84
GRINDING					
SURFACING					
TIES					
UNDERCUTTING					
RAIL	36-65	32F84	36-65		40-75
BAL CLEAN					
TONNAGE(MGT)					
T T SPEED	79/70/50	79/50/50	50/50/50	57.8	79/70/50
UG. CABLE				S-	



NCS	3
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001

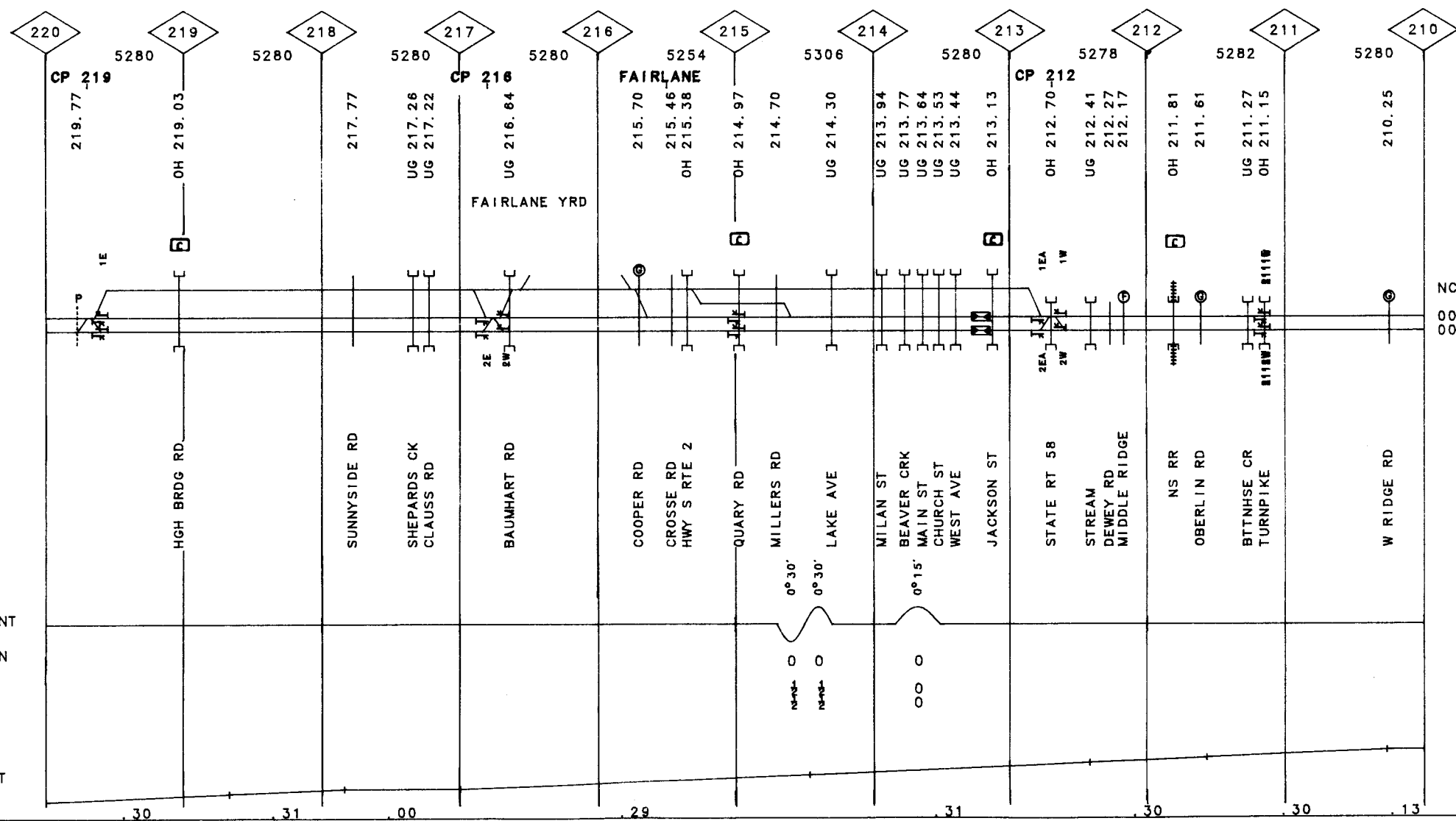
002VALUATION
TOWN

BROWNHELM

V2060
MILLERS

AMHERST

FACILITY



DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE

	NCS
	001
	002

VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

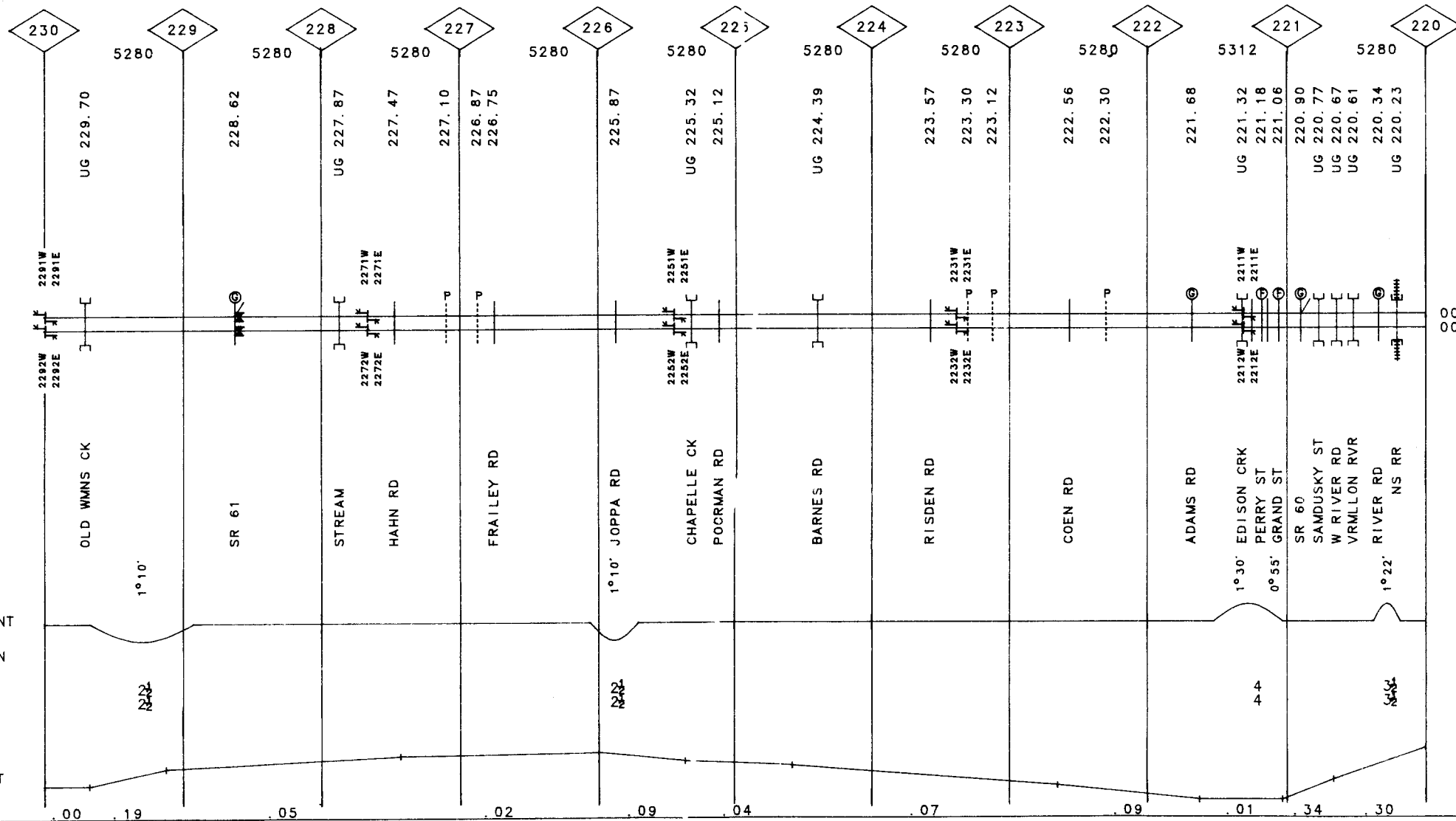
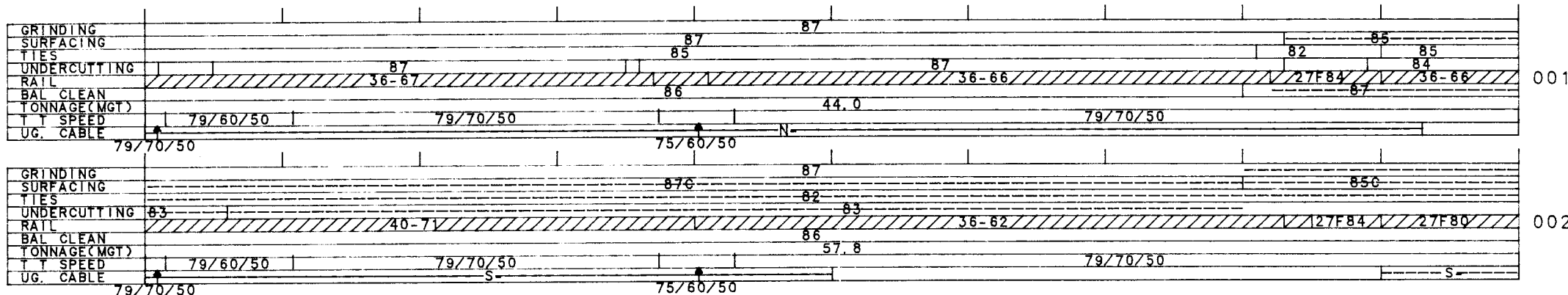
GRADE

CEYLON

JOPPA

V2061

VERMILION



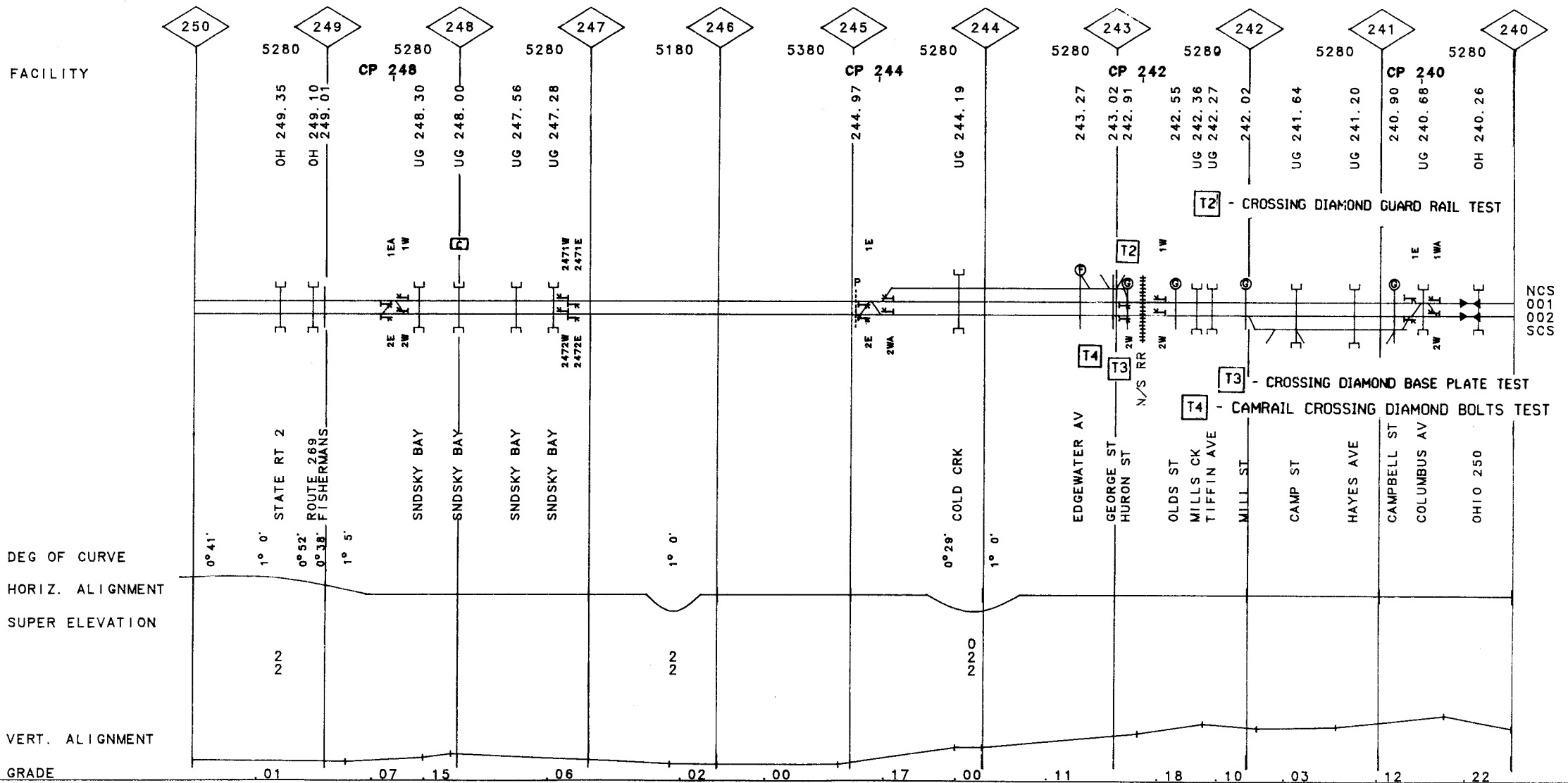
0025
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NCS

001

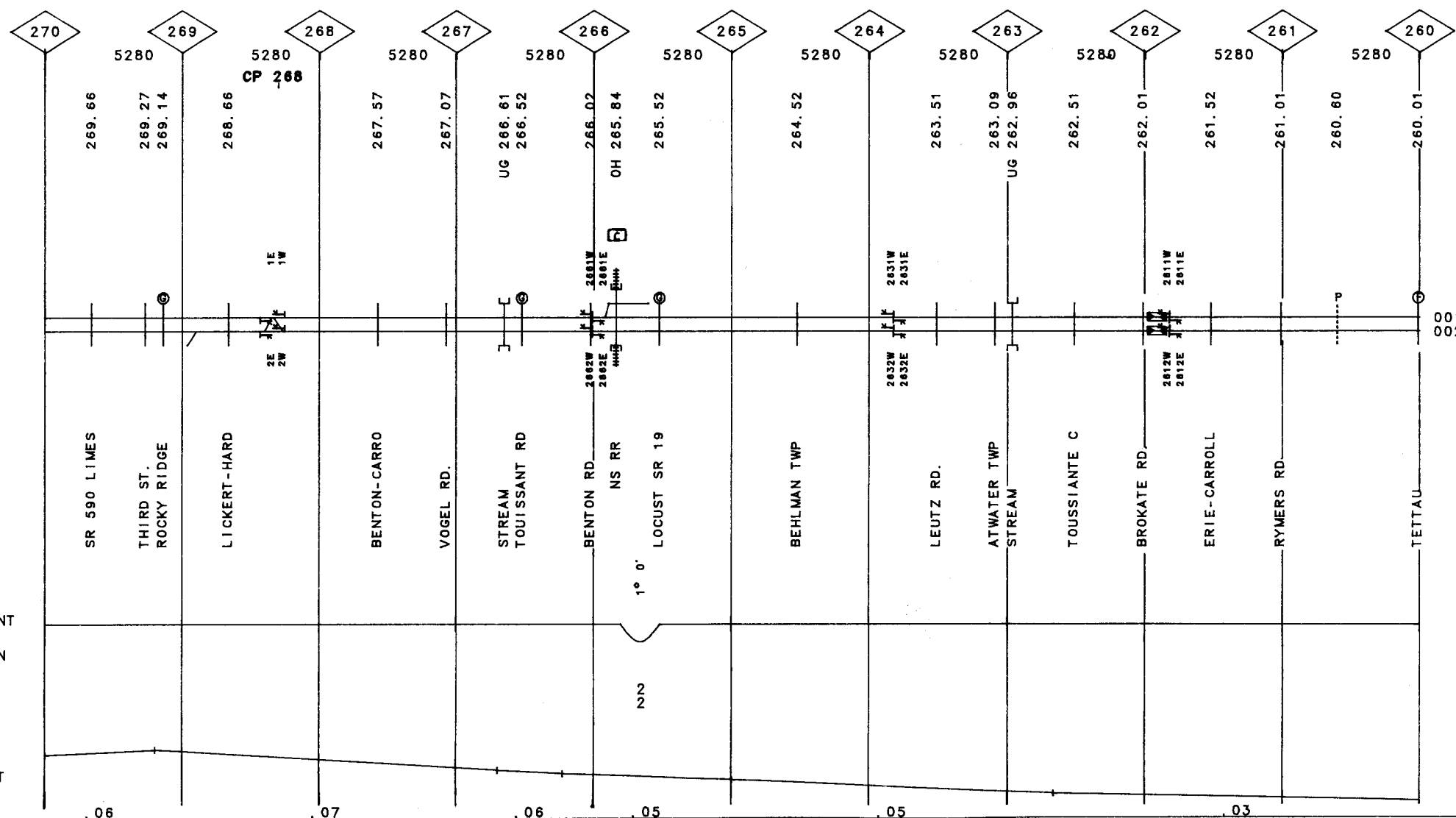
SCS

SANDUSKY



GRADE

LACARNE



REV. 01/01/88 MP 270.00-MP 280.00 OH 9



GRINDING	86	85	860	850	87	85	860	85
SURFACING	87	82	860	850	87	85	860	85
TIES	87	82	860	850	87	85	860	85
UNDERCUTTING	87	82	860	850	87	85	860	85
RAIL	32-86	32-79	140-75	32-86	27F66	32-86	85	85
BAL. CLEAN	87	85	87	85	85	85	85	85
TONNAGE(MGT)	54.7	30/30/30	60/45/45	70/70/50	44.0	79/70/50		
T T SPEED	60/50/50	N	N	N	N	N		
UG. CABLE	60/50/50	N	N	N	N	N		

GRINDING	83	84	86	85	87	87	87	87
SURFACING	87	85	85	85	87	87	87	87
TIES	87	85	85	85	87	87	87	87
UNDERCUTTING	87	85	85	85	87	87	87	87
RAIL	40-77	27F69	32-87	27F69	40-75	40-76	32F84	32F84
BAL. CLEAN	87	87	87	87	85	85	85	85
TONNAGE(MGT)	64.8	30/30/30	60/45/45	70/70/50	57.8	79/70/50		
T T SPEED	60/50/50	S	S	S	S	S		
UG. CABLE	60/50/50	S	S	S	S	S		

001

002

GRINDING	
SURFACING	87
TIES	83
UNDERCUTTING	
RAIL	27-26
BAL. CLEAN	
TONNAGE(MGT)	0.5
T T SPEED	30
UG. CABLE	

SCS

VALUATION
TOWN

TOLEDO

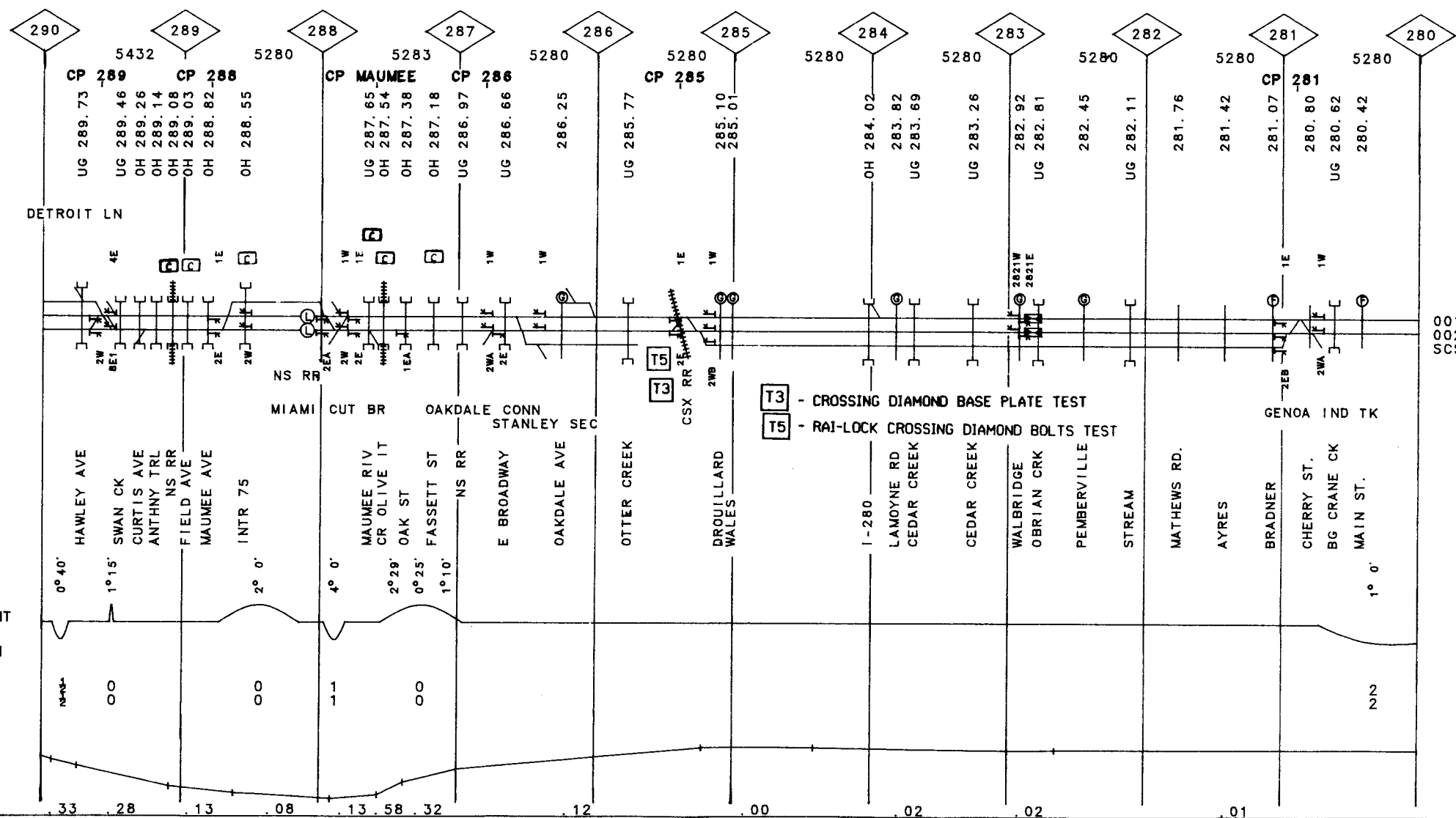
FASSETT

VICKERS

V2080 | V2060

MILLBURY

FACILITY



001

002

SCS

GRINDING			
SURFACING	84		80E
TIES	84		80
UNDERCUTTING			
RAIL		27-43	
BAL. CLEAN			
TONNAGE (MGT)		0.5	
T T SPEED		20	
UG. CABLE	N-		

GRINDING		86			
SURFACING		86			
TIES		85			82
UNDERCUTTING					
RAIL			32-86		
BAL. CLEAN		87			87
TONNAGE (MGT)			42.0		
T T SPEED		79/70/50		70/70/50	60/60/50
UG. CABLE	N-			N-	60/50/50

GRINDING		84		80(1)		84		83
SURFACING		86C				85		
TIES		84		85		81		85
UNDERCUTTING								
RAIL								
BAL. CLEAN		40-77		36-63		87		40-77
TONNAGE (MGT)		86		85				
T T SPEED		79/70/50		52.7		70/70/50		60/60/50
UG. CABLE						S-		60/50/50

NCS

001

002

11
OH

300.00

MP 290.00-MP

REV. 01/01/88

36-3600 CHICAGO LINE

VALUATION
TOWN

HOLLAND

V2100 V2080

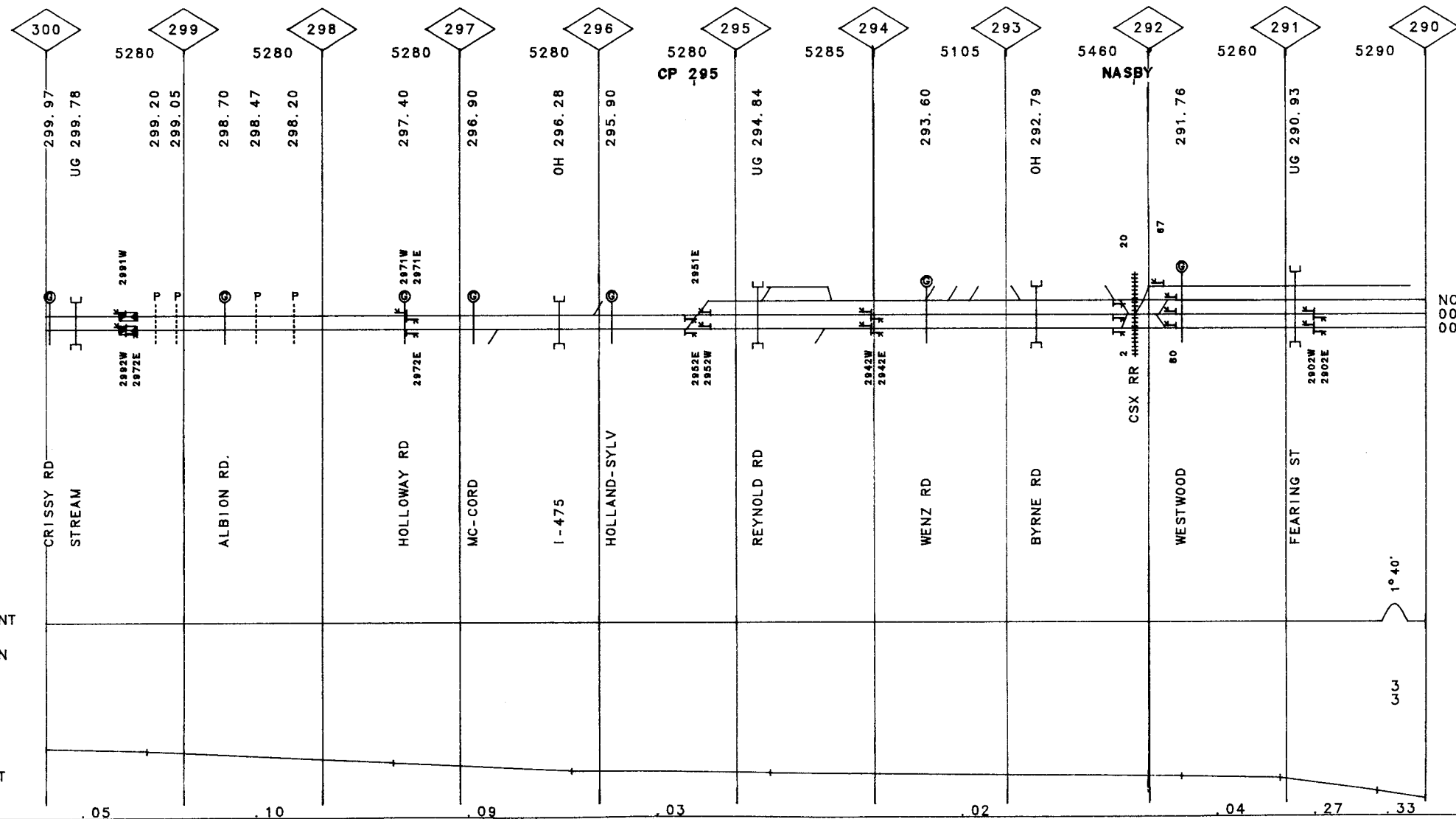
AIRLINE JCT

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



NCS
001
002

GRINDING	
SURFACING	85
TIES	85
UNDERCUTTING	
RAIL	27-27M
BAL. CLEAN	
TONNAGE(MGT)	0.5
T T SPEED	20
UG. CABLE	N

NCS

GRINDING	81	85	85	86
SURFACING	85C			86C
TIES		85		
UNDERCUTTING				
RAIL	40-69			32-86
BAL. CLEAN	87	86	87	
TONNAGE(MGT)		42.0		
T T SPEED		79/70/50		
UG. CABLE	N		N	

001

GRINDING		84		
SURFACING		86G		
TIES		84		
UNDERCUTTING				
RAIL	40-77			
BAL. CLEAN	87		86	
TONNAGE(MGT)		52.7		
T T SPEED		79/70/50		
UG. CABLE				

002

12 OF

MP 300.00-MP 310.00

REV. 01/01/88

36-3600 CHICAGO LINE

VALUATION
TOWN

SWANTON

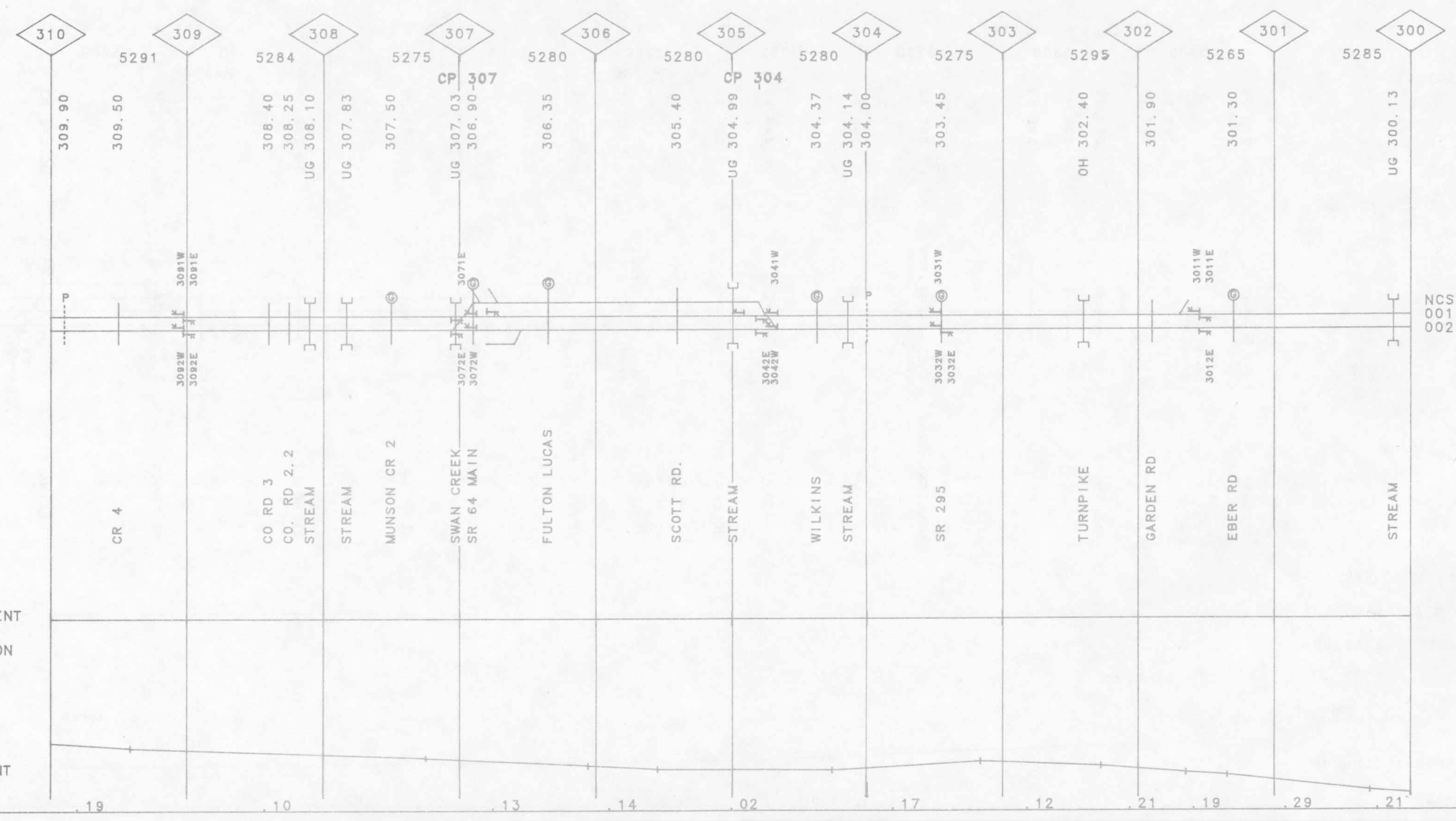
V2100

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

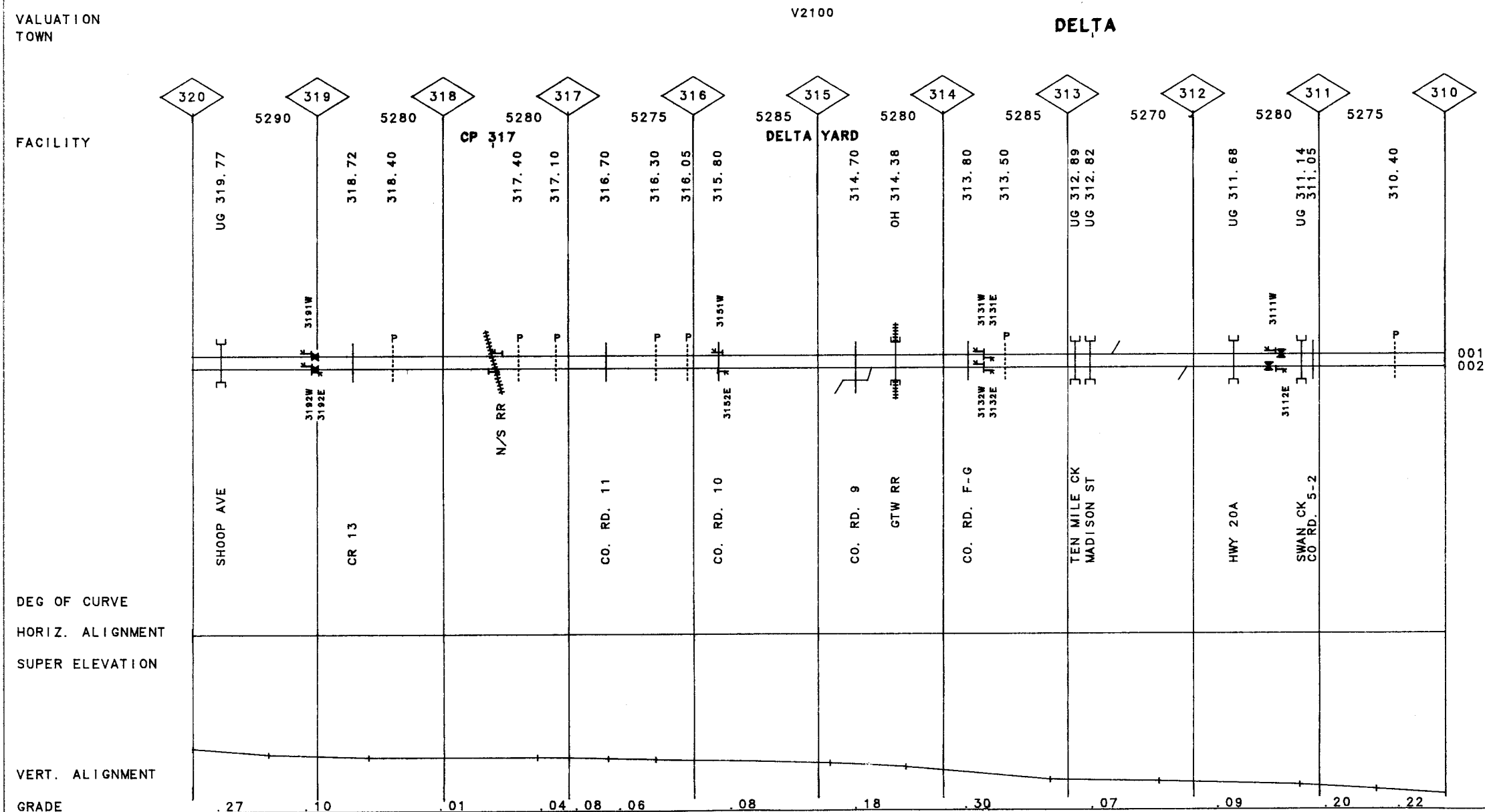
GRADE



NCS
001
002

GRINDING	84	85	86
SURFACING		85	86
TIES		85	86
UNDERCUTTING		85	86
RAIL	40-77	40-76	40-77
BAL CLEAN		42.0	42.0
TONNAGE(MGT)		79/70/50	79/70/50
T T SPEED		N	N
UG. CABLE			

GRINDING	84	85	86
SURFACING		84	85
TIES		84	85
UNDERCUTTING		84	85
RAIL	36-68	40-77	40-77
BAL CLEAN	86	87	87
TONNAGE(MGT)		52.7	52.7
T T SPEED		79/70/50	79/70/50
UG. CABLE			



14
OH

MP 330.00

MP 320.00-MP

REV. 01/01/88

36-3600 CHICAGO LINE

GRINDING	
SURFACING	85
TIES	85
UNDERCUTTING	
RAIL	27-27M 05-26
BAL CLEAN	
TONNAGE(MGT)	0.5
T T SPEED	20
UG. CABLE	N

NCS

GRINDING		84	
SURFACING		87C	
TIES		87	85
UNDERCUTTING			
RAIL	36-61	32-19	40-17
BAL CLEAN		87	
TONNAGE(MGT)		42.0	
T T SPEED		79/70/50	
UG. CABLE	N		N

001

GRINDING		84	
SURFACING		87C	
TIES		85	78
UNDERCUTTING			
RAIL	36-61		
BAL CLEAN		87	
TONNAGE(MGT)		52.7	
T T SPEED		79/70/50	
UG. CABLE			

002

VALUATION
TOWN

ARCHBOLD

V2100
PETTISVILLE

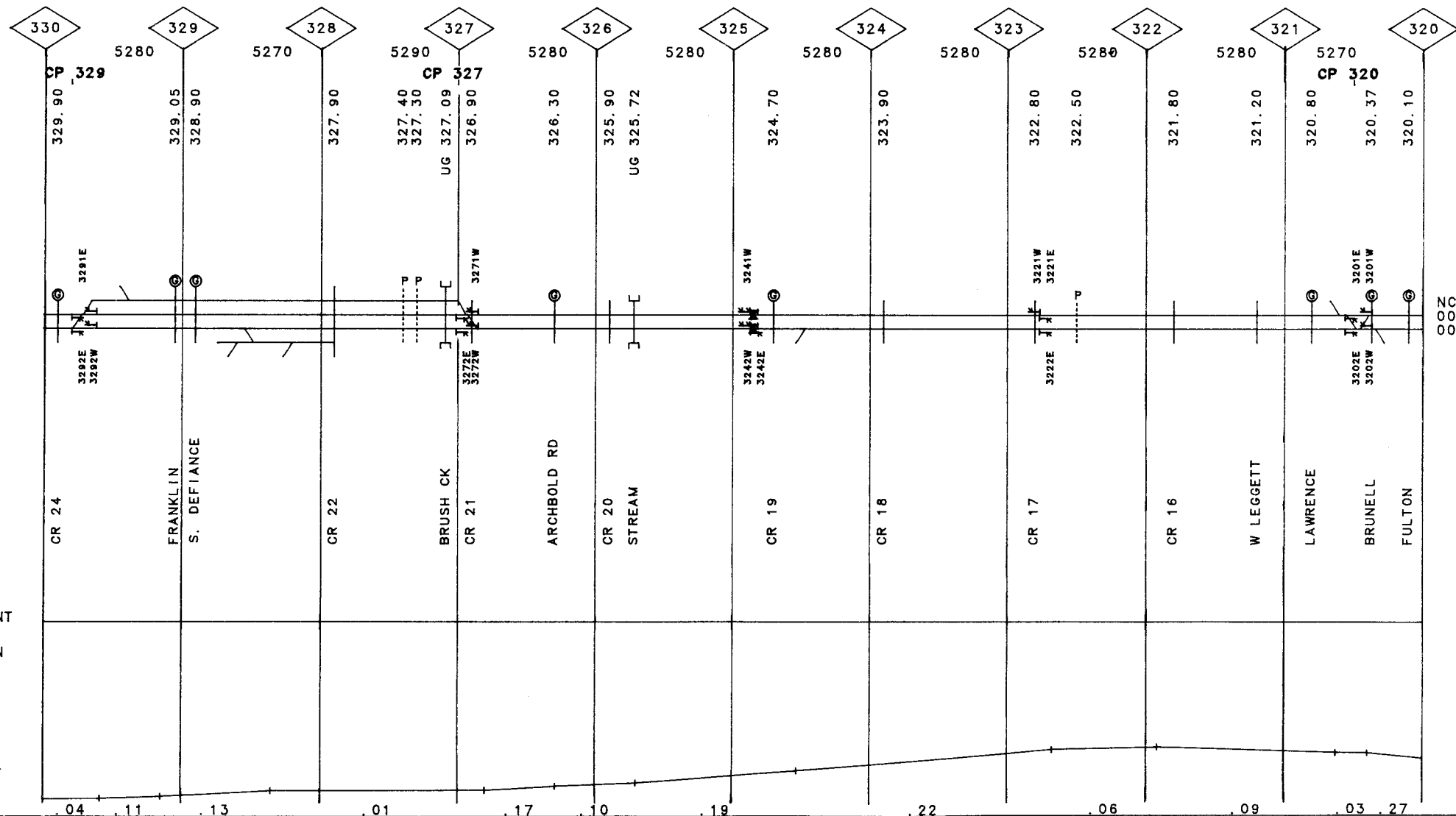
WAUSEON

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



GRINDING	82	84
SURFACING	86C	86
TIES	86	86
UNDERCUTTING	40-73	36-61
RAIL	87	87
BAL. CLEAN	42.0	42.0
TONNAGE (MGT)	79/70/50	79/70/50
T T SPEED	N	N
UG. CABLE		

GRINDING	84	84
SURFACING	87C	85
TIES	85	85
UNDERCUTTING	40-71	36-61
RAIL	87	87
BAL. CLEAN	52.7	52.7
TONNAGE (MGT)	79/70/50	79/70/50
T T SPEED		
UG. CABLE		

VALUATION
TOWN

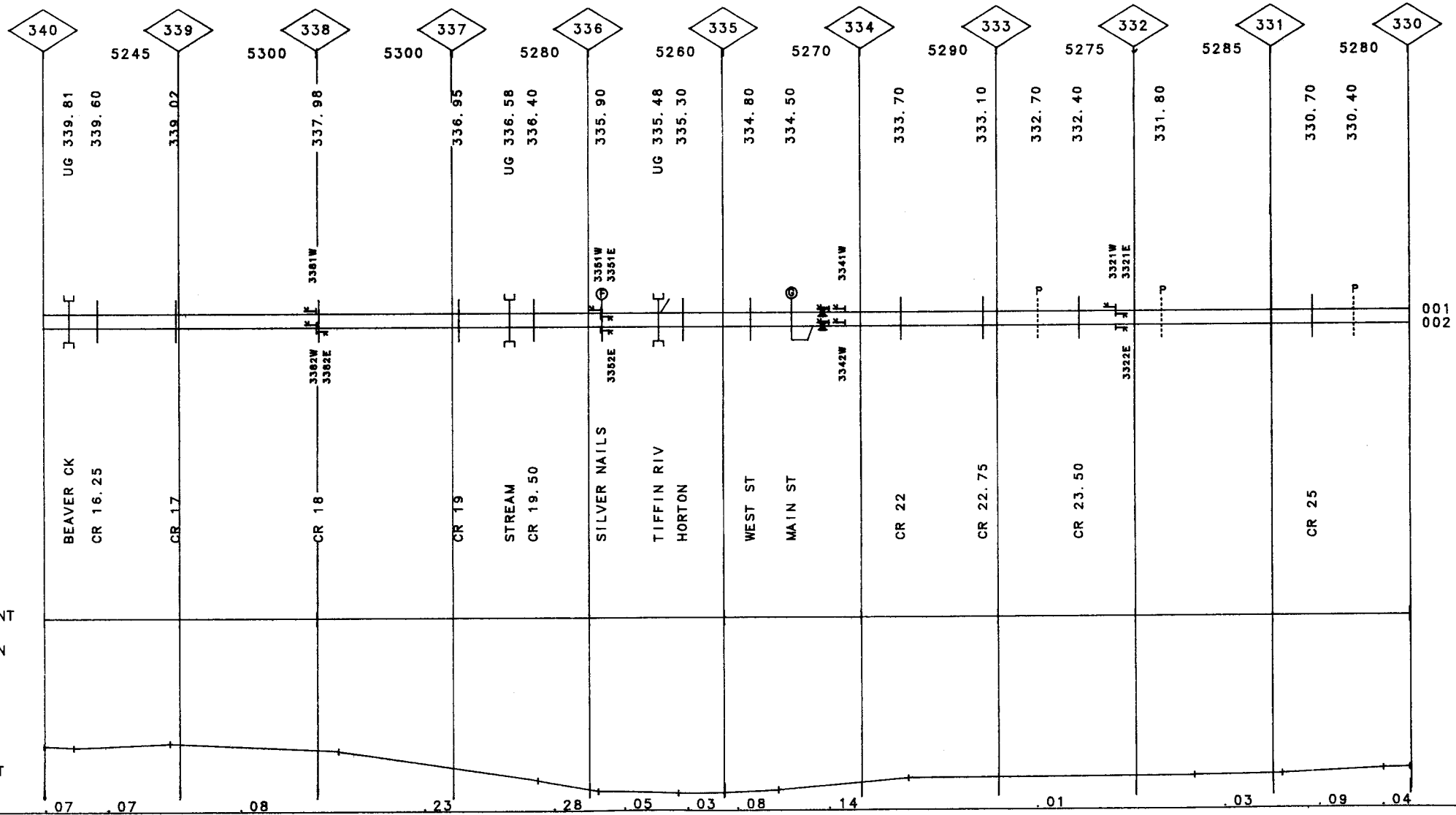
V2100
STRYKER

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

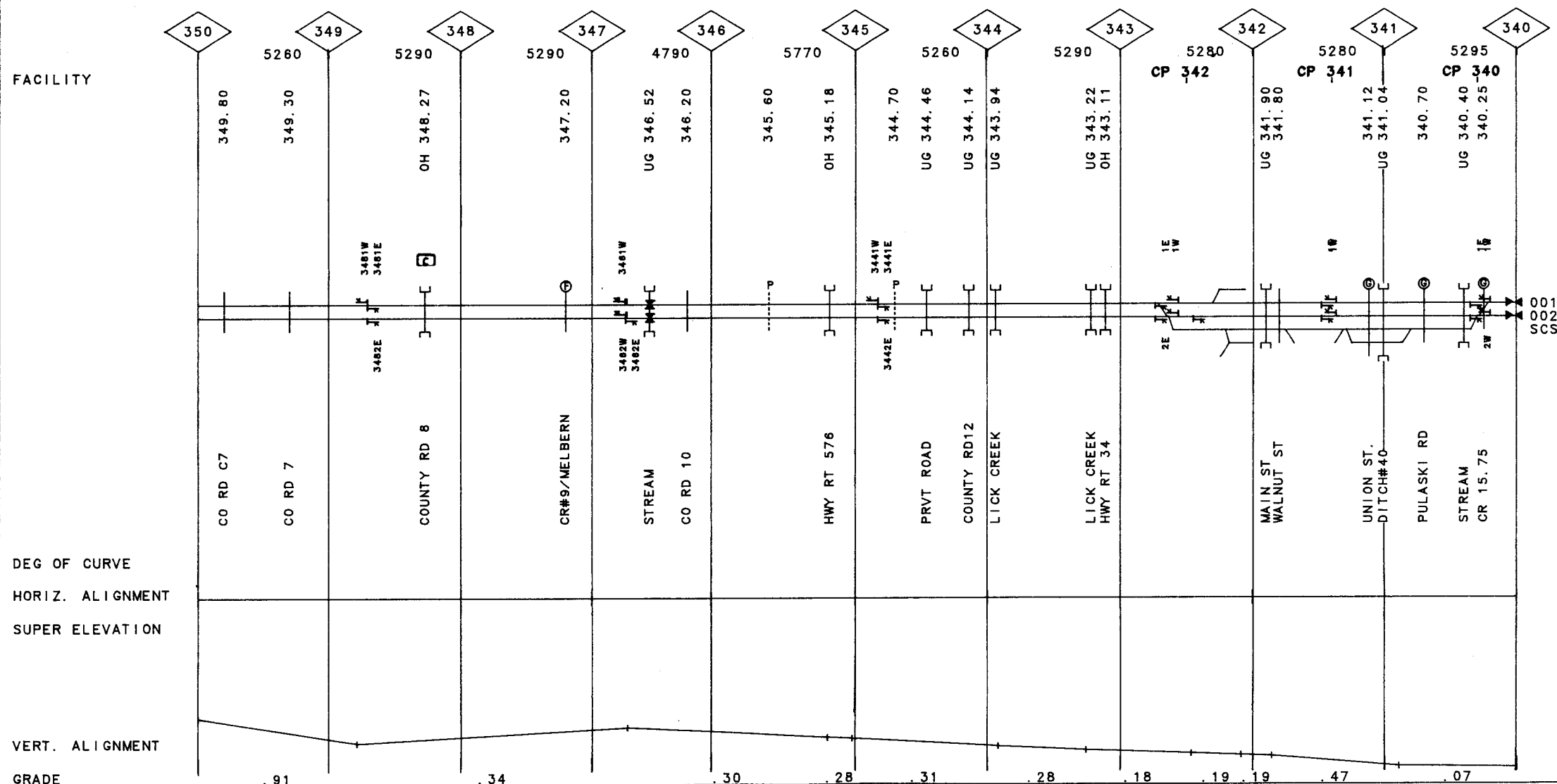
VERT. ALIGNMENT

GRADE



GRINDING			
SURFACING	—	81	
TIES	—	81	
UNDERCUTTING			
RAIL	27-28	1	27-27
BAL CLEAN			
TONNAGE (MGT)		0.5	
T T SPEED		20	
UG. CABLE			

BRYAN



GRINDING	85	82	86
SURFACING	86C	86	86
TIES		86	
UNDERCUTTING			
RAIL	32-86	40-75	40-84
BAL. CLEAN	86	85	87
TONNAGE (MGT)		42.0	
T T SPEED		79/70/50	
UG. CABLE		N	

GRINDING	84	85	80(1)	86	85C
SURFACING	84	84	87C	86	85C
TIES	84	84	87	85	85
UNDERCUTTING	84	84	87	85	85
RAIL	40-71	40-73	40-71	40-71	40-71
BAL. CLEAN	84	84	87	85	84
TONNAGE (MGT)		52.7			
T T SPEED		79/70/50			
UG. CABLE		S			

001
002

VALUATION
TOWN

BUTLER

IN OH
V2110 / 2100

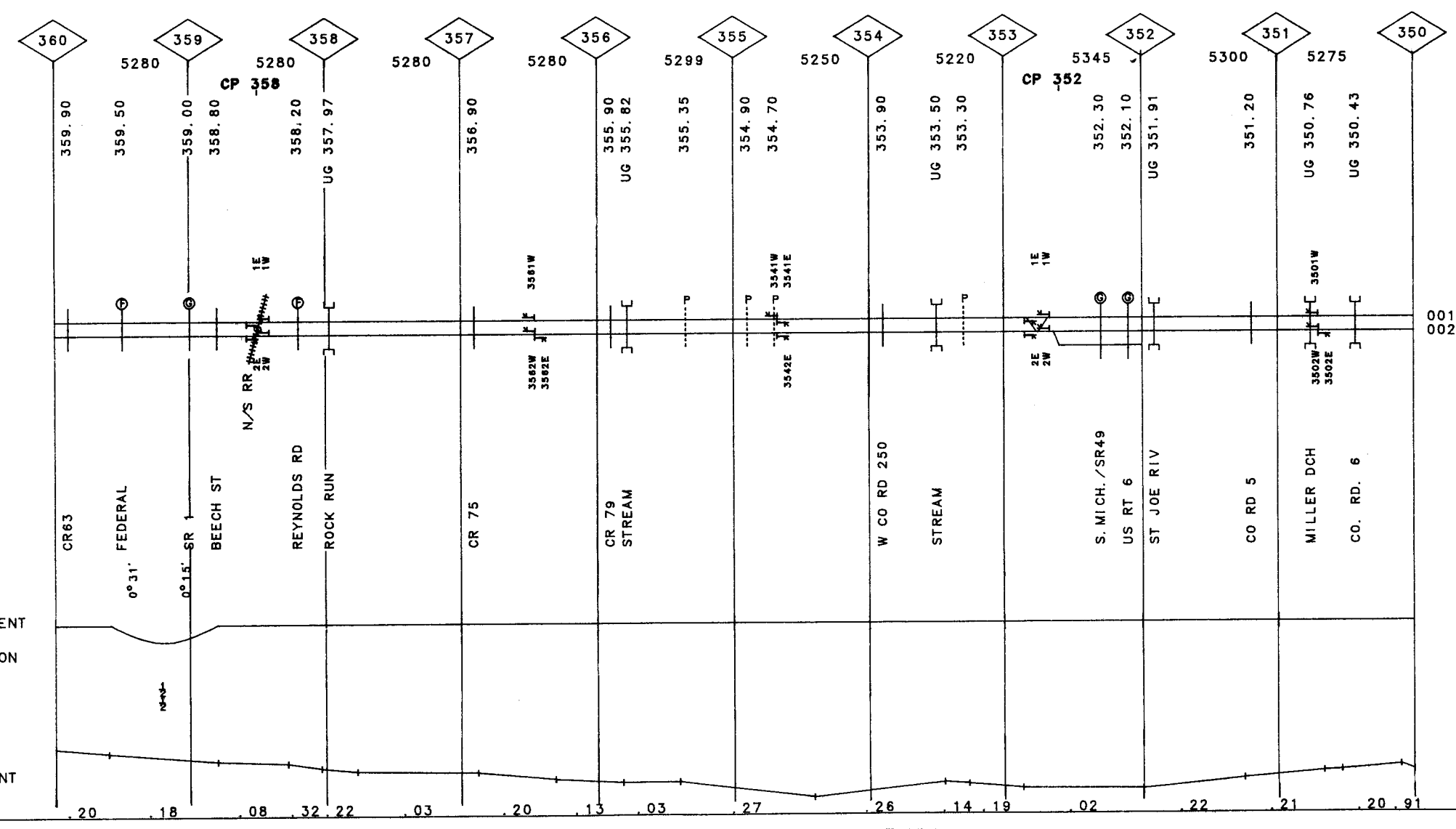
EDGERTON

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



001
002

36-3600 CHICAGO LINE
CHICAGO LINE

REV. 01/01/88
MP

350.00 - MP
355.30

OH/ IN
355.30

FACILITY

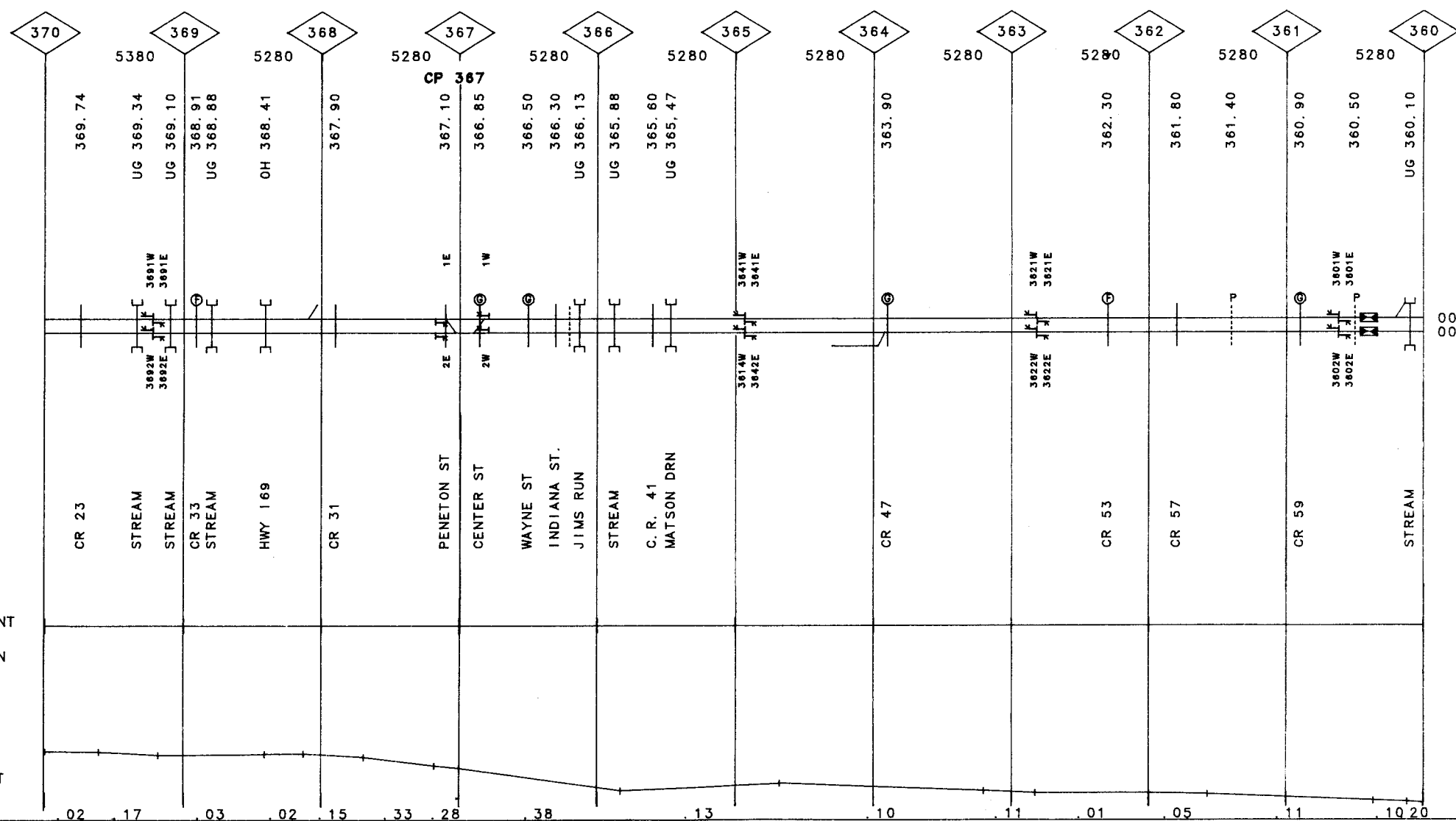
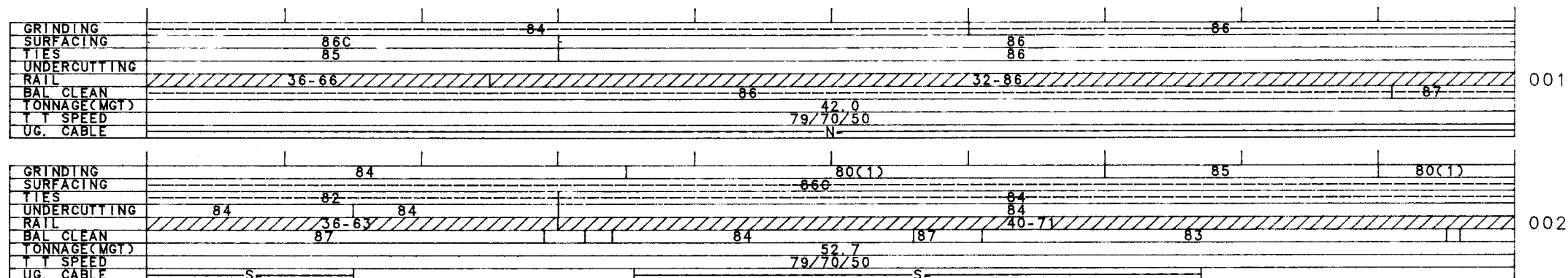
DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE

WATERLOO

V2110



GRINDING	85	84
SURFACING	87C	86C
TIES	85	
UNDERCUTTING		
RAIL	40-76	32-86
BAL. CLEAN	86	87
TONNAGE (MGT)	42.0	36-66
T. T. SPEED	79/70/50	
UG. CABLE	N	

GRINDING	85	84
SURFACING	86	86C
TIES	82	
UNDERCUTTING		
RAIL	36-63	84
BAL. CLEAN	87	87
TONNAGE (MGT)	52.7	
T. T. SPEED	79/70/50	
UG. CABLE	S	S

VALUATION
TOWN

KENDALLVILLE

V2110

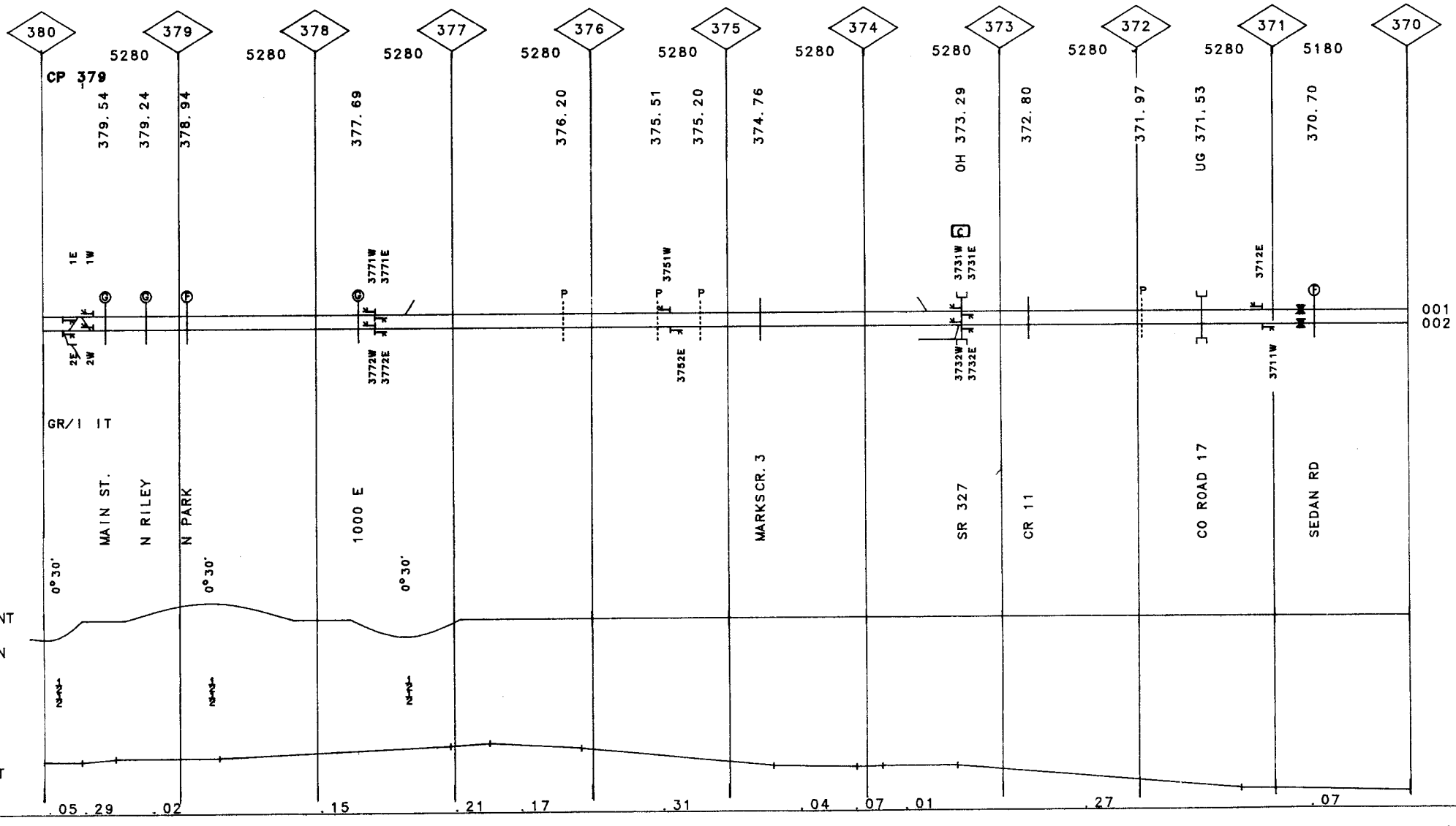
CORUNNA

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



FACILITY

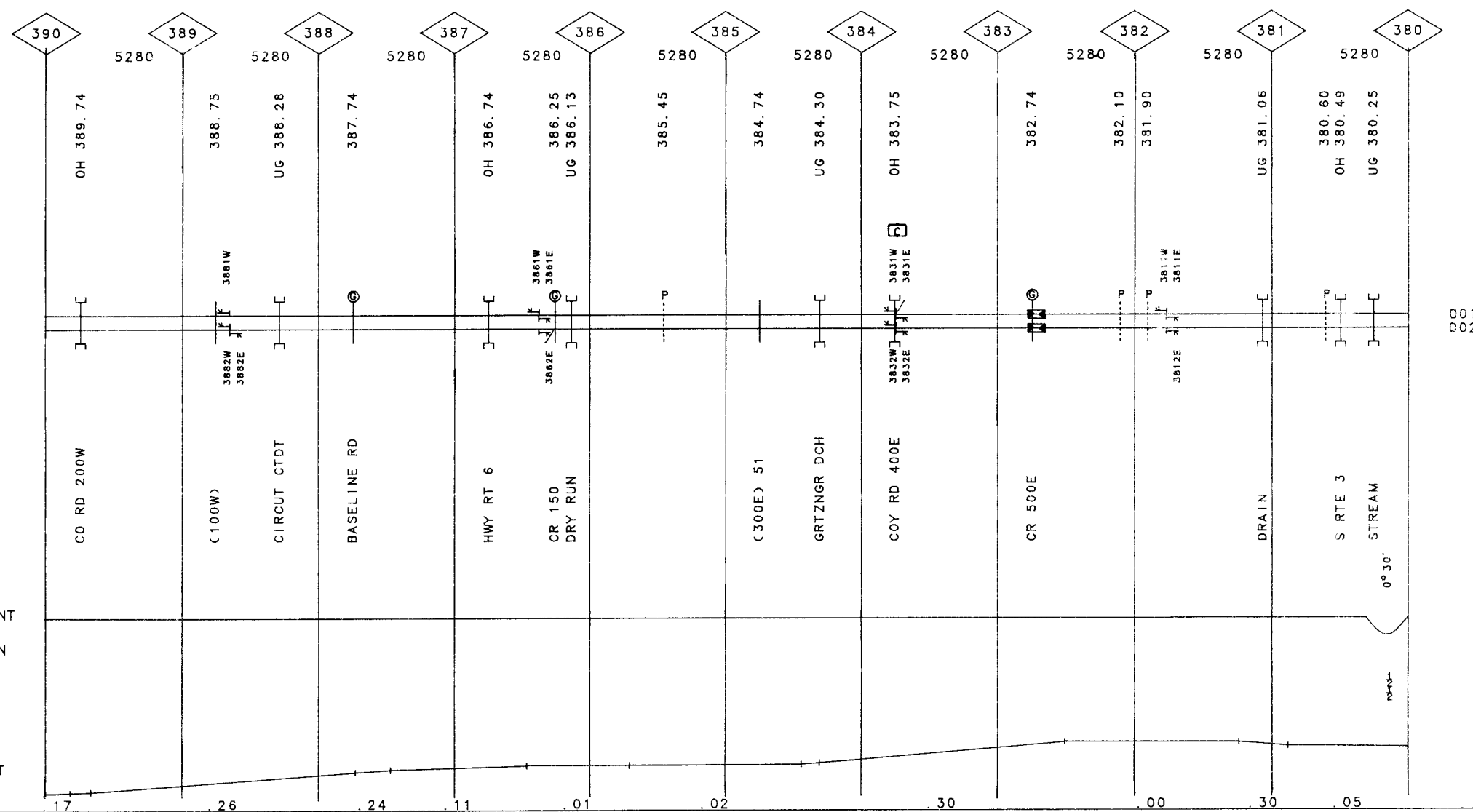
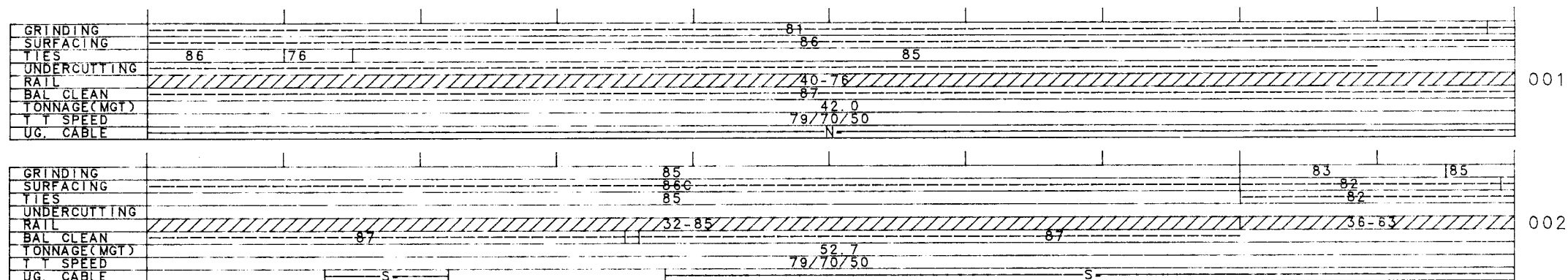
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HORIZ. ALIGNMENT
SUPER ELEVATION

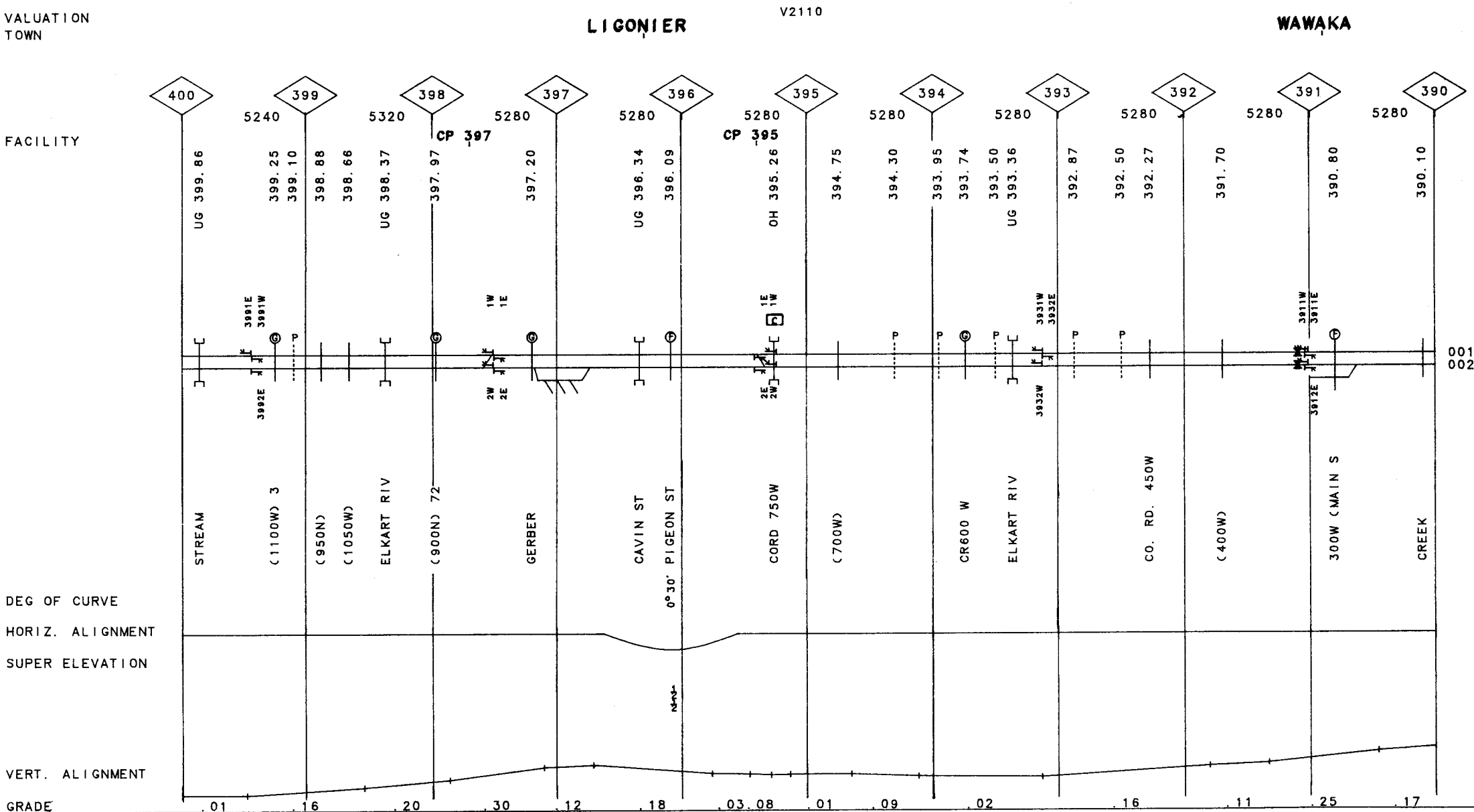
VERT. ALIGNMENT

GRADE

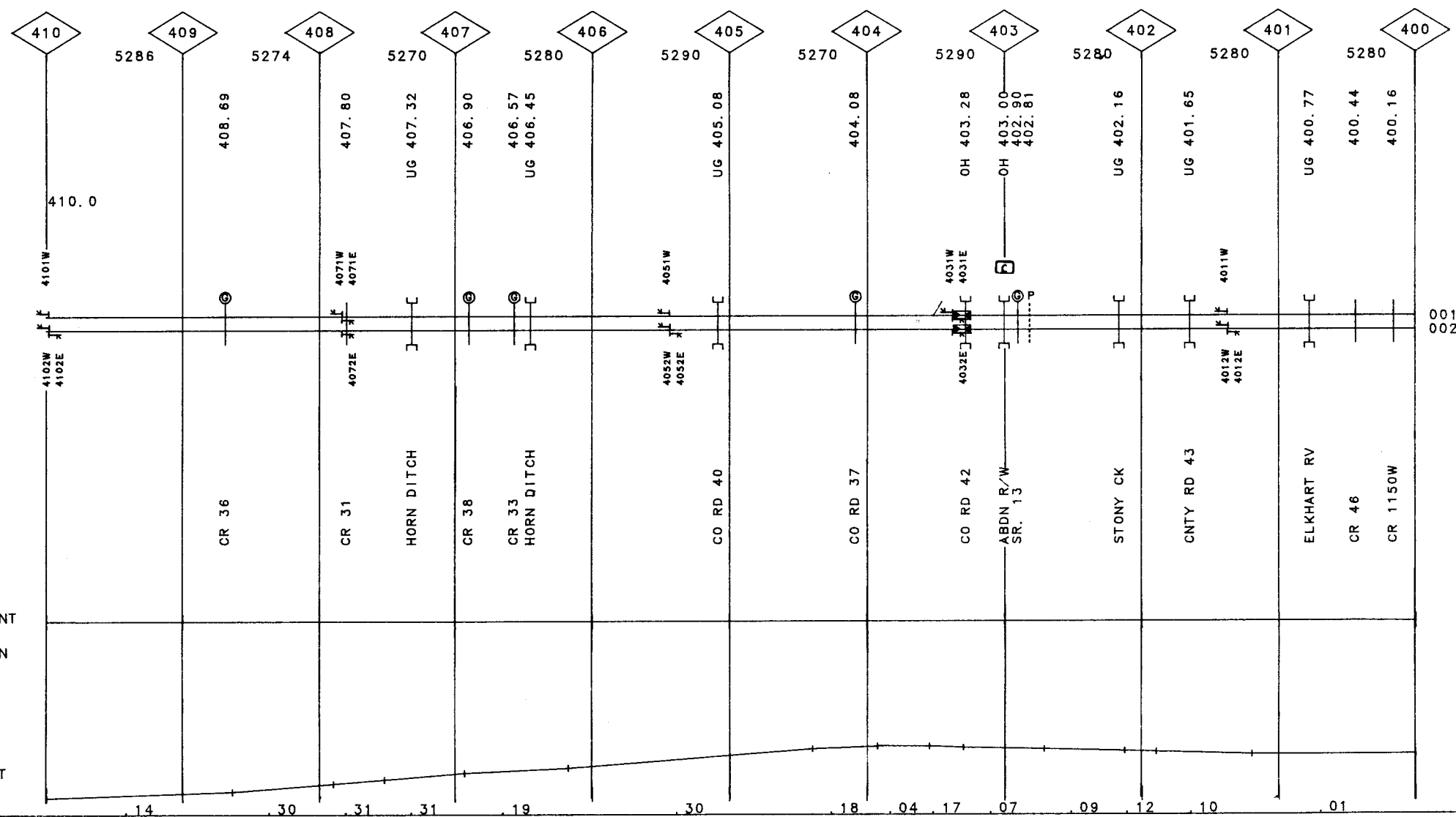
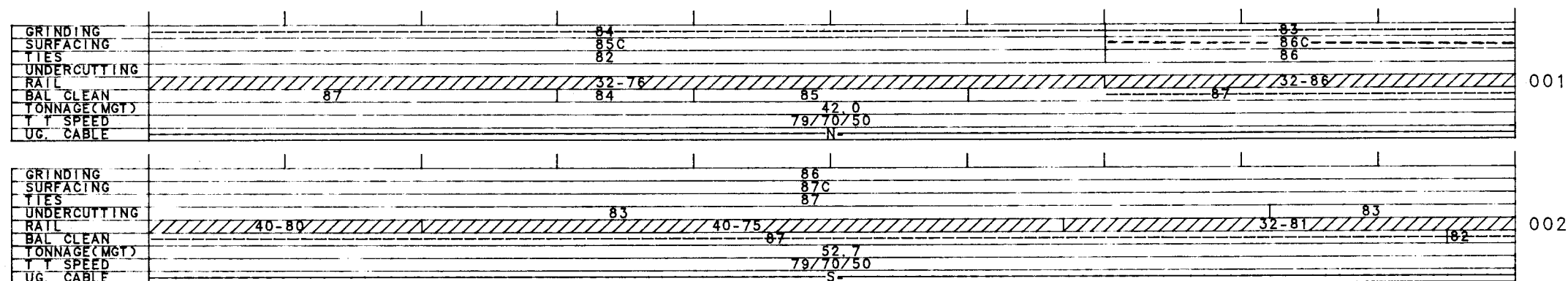
BRIMFIELD

V2110



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GRADE

MILLERSBURG

GRINDING	85C	84	82	86	85	85C	84
SURFACING							
TIES							
UNDERCUTTING							
RAIL			40-76			40-76	
BAL. CLEAN	85		87		85		87
TONNAGE(MGT)		48.4			42.0		
T T SPEED	70/70/50			79/70/50			
UG. CABLE			N				

GRINDING	86C	87	86	86C	87C		
SURFACING							
TIES							
UNDERCUTTING							
RAIL			32-86			40-80	
BAL. CLEAN	87		85		87		
TONNAGE(MGT)		59.4			52.7		
T T SPEED	70/70/50			79/70/50			
UG. CABLE			S		S		S

GRINDING	86C		
SURFACING	86		
TIES			
UNDERCUTTING			
RAIL		27F86	
BAL. CLEAN			
TONNAGE(MGT)		0.5	
T T SPEED		30	
UG. CABLE		S	

001

002

SCS

VALUATION
TOWN

DUNLAP

V2110

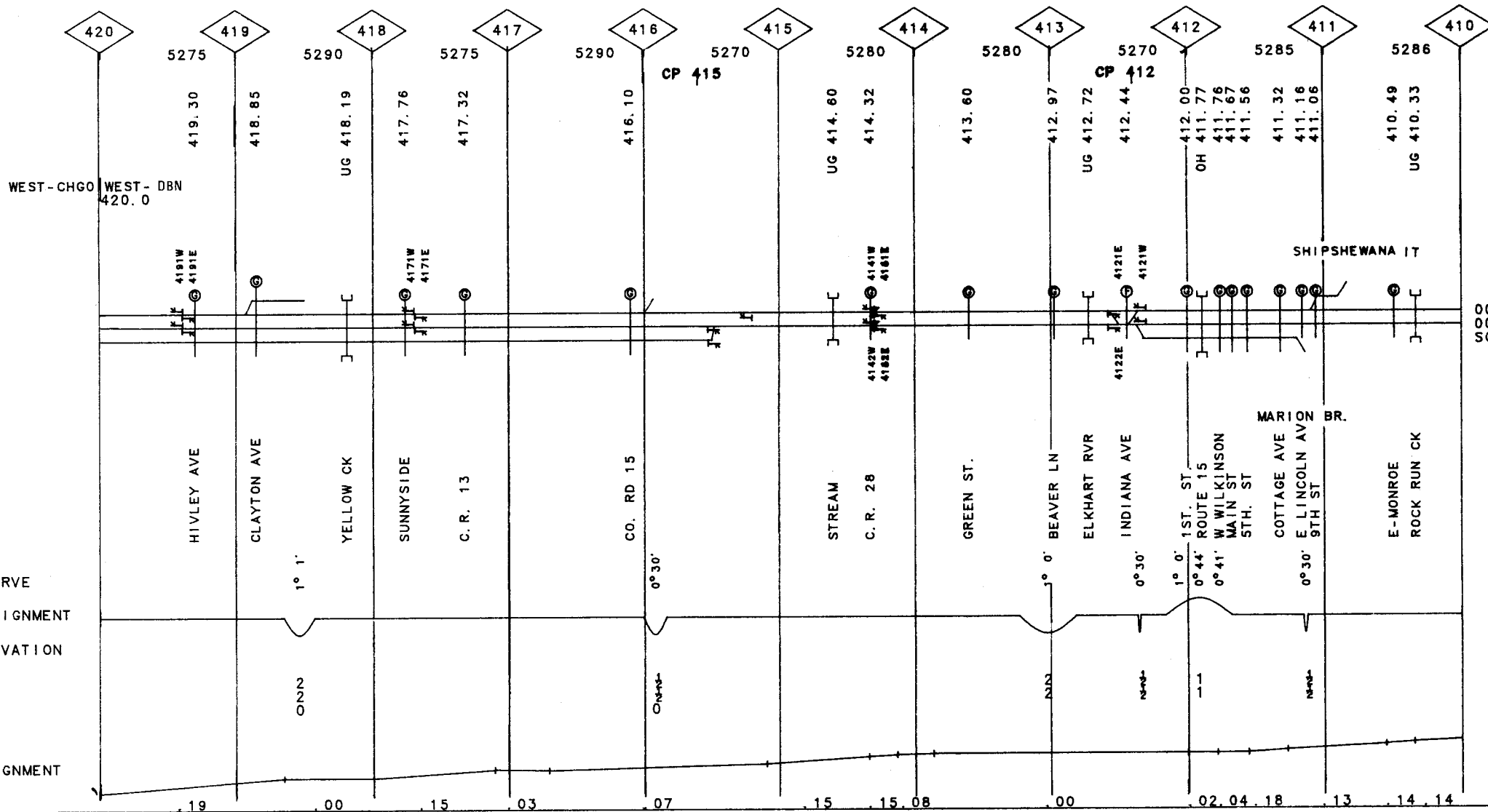
GOSHEN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

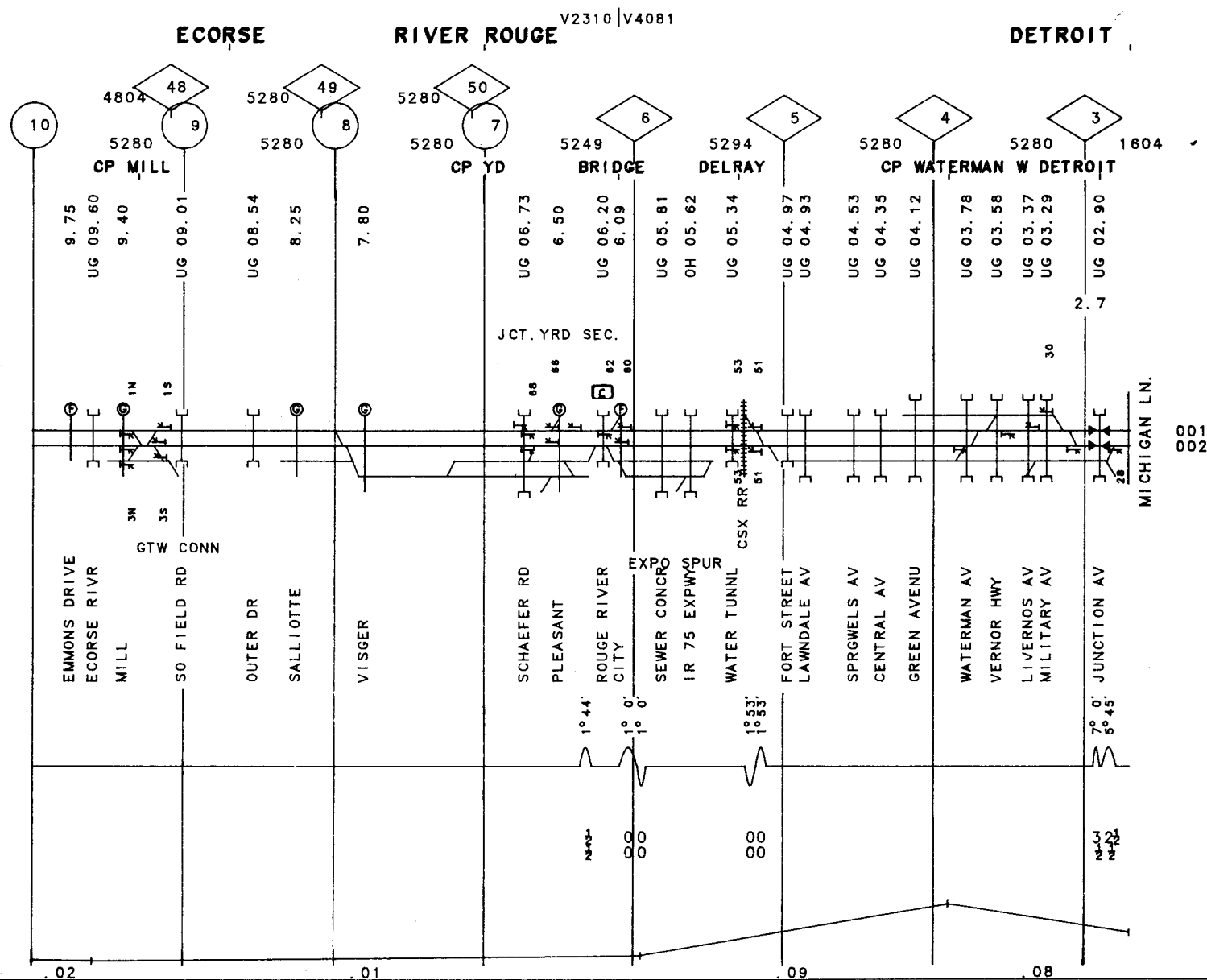
VERT. ALIGNMENT

GRADE

001
002
SCS

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002



GRINDING	80(2)			
SURFACING	87C			
TIES	77			
UNDERCUTTING				
RAIL	27F78			
BAL. CLEAN	77S			
TONNAGE(MGT)	14.2			
T T SPEED	50/50/50			
UG. CABLE	W			
	E			
	W			
	E			
	W			

GRINDING	85
SURFACING	85
TIES	84
UNDERCUTTING	
RAIL	31F85
BAL. CLEAN	84
TONNAGE(MGT)	10.5
T T SPEED	40/40/40
UG. CABLE	

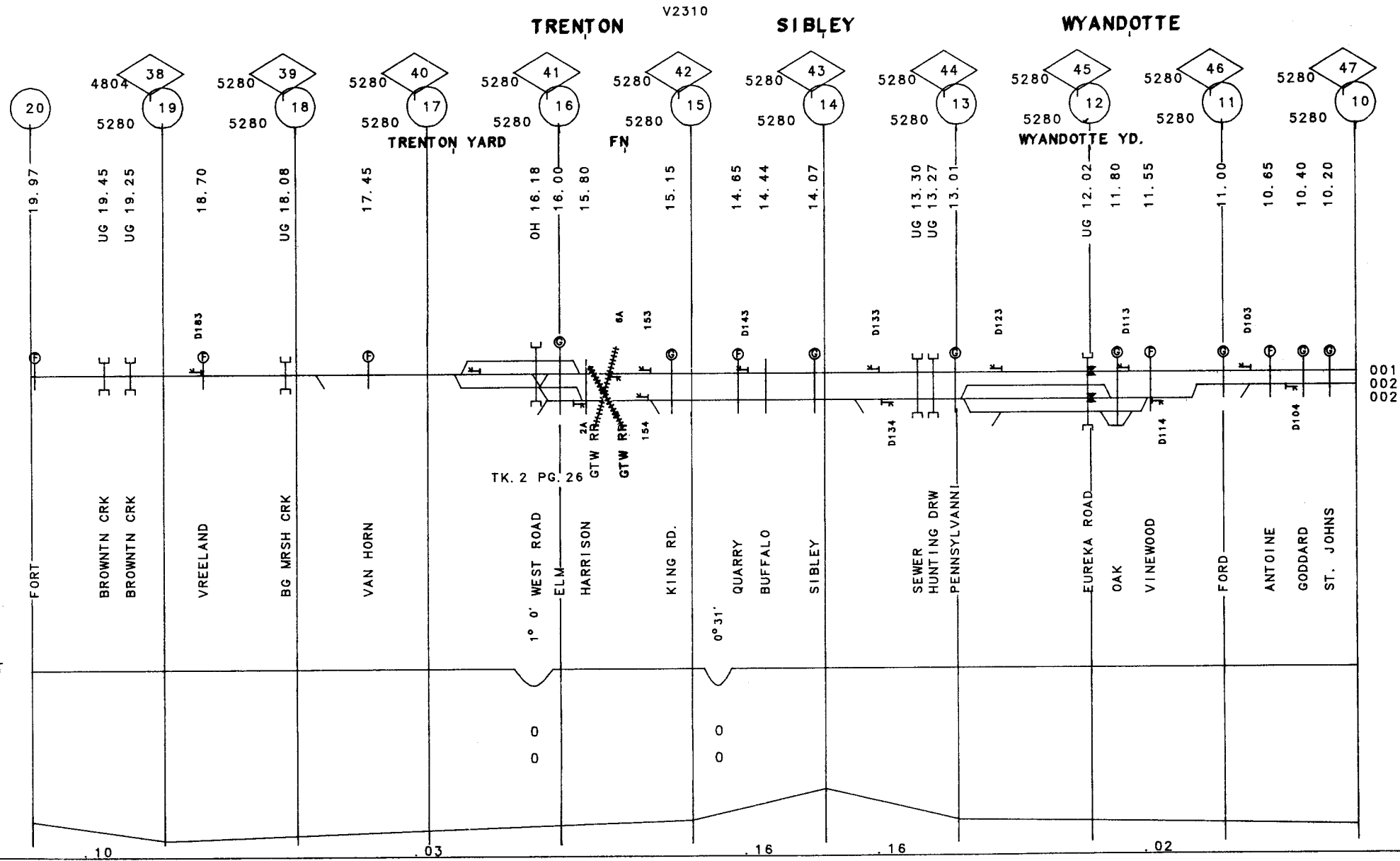
GRINDING	85
SURFACING	85
TIES	84
UNDERCUTTING	
RAIL	31F85
BAL. CLEAN	84
TONNAGE(MGT)	10.5
T T SPEED	40/40/40
UG. CABLE	E

VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT
GRADE



001

002

002

001
002
002

GRINDING	81		
SURFACING	80E	76	81
TIES			
UNDERCUTTING			
RAIL	40-77	12-39	
BAL. CLEAN		80S	
TONNAGE (MGT)		14.9	
T. SPEED	50/50/50		40/40/40
UG. CABLE			

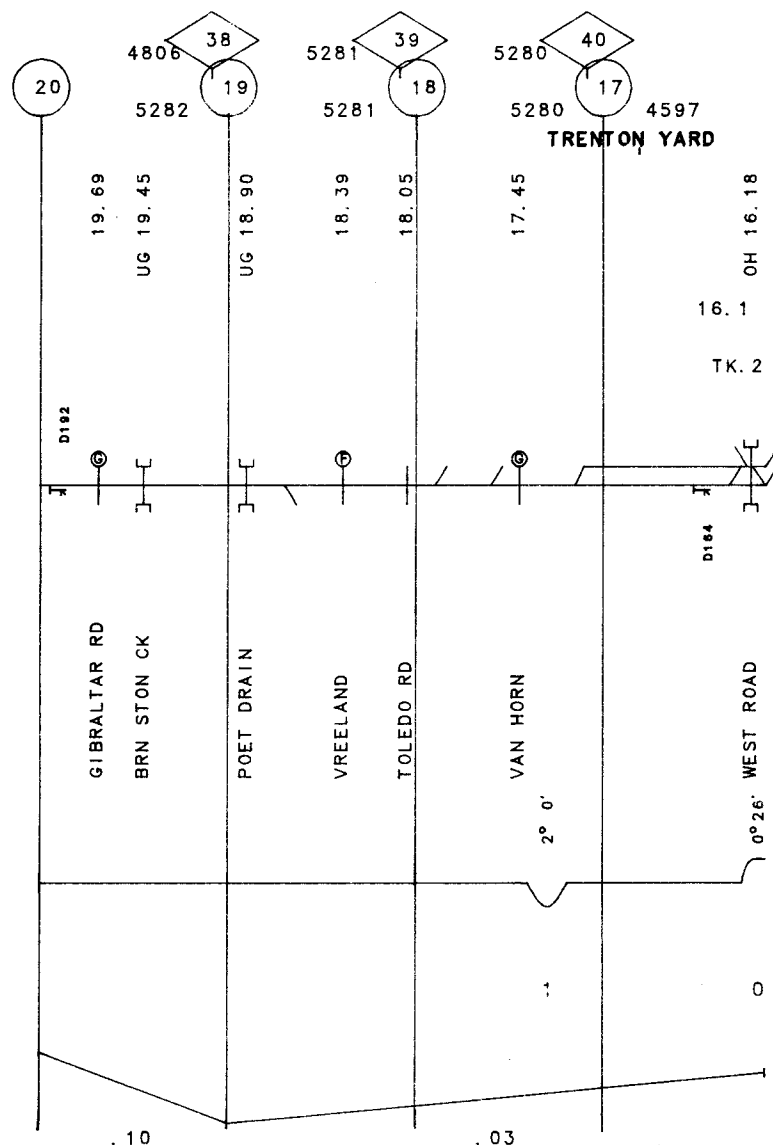
002

VALUATION
TOWN

GIBRALTAR

V4081

FACILITY



TK. 2 PG. 25

002

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE

001VALUATION
TOWN

NEWPORT

V2310

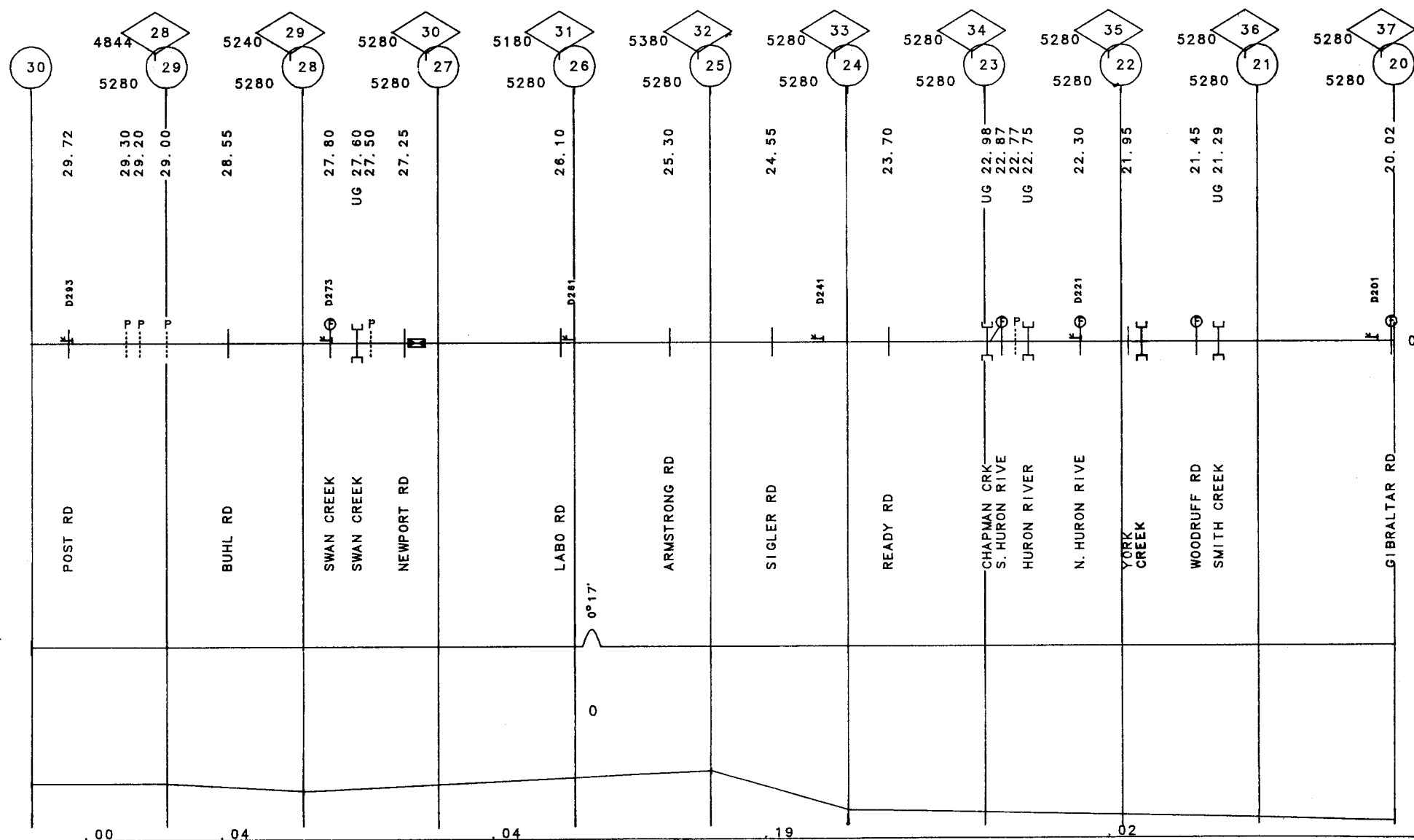
ROCKWOOD

FACILITY

DEG OF CURVE	
HORIZ. ALIGNMENT	
SUPER ELEVATION	

VERT. ALIGNMENT

GRADE



00.

GRINDING		81	
SURFACING		80E	
TIES		76	
UNDERCUTTING			
RAIL	40-76	80S	40-77
BAL. CLEAN		14.9	
TONNAGE (MG)		50/50/50	
T. SPEED			
UG. CABLE			

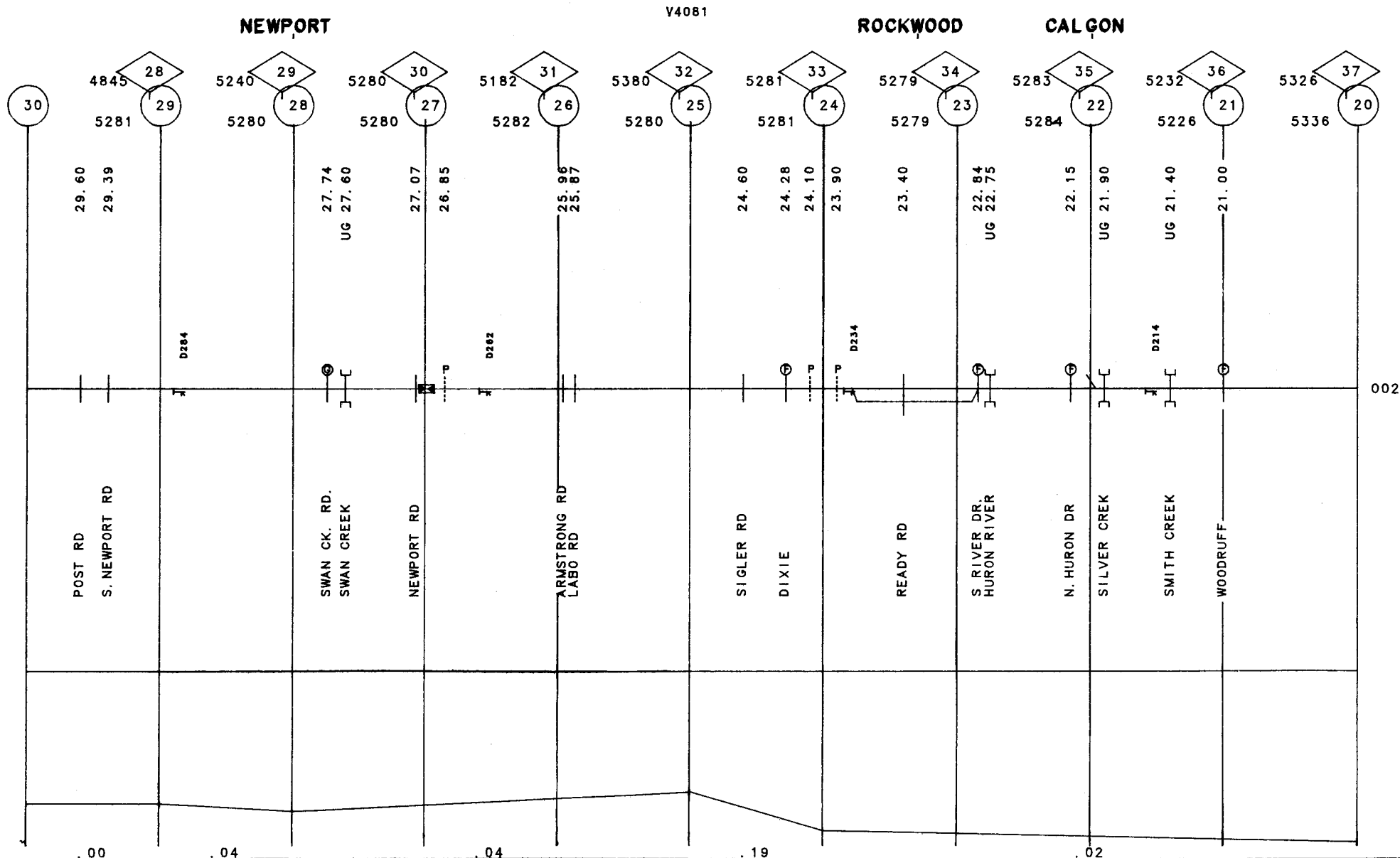
VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



GRINDING	81	87C	84
SURFACING	77		81
TIES			
UNDERCUTTING	27		31
RAIL	81		80S
BAIL CLEAN	15.6	(25)	14.2
TONNAGE (MGT)	50/50/50		50/50/50
T T SPEED			
UG. CABLE			

001

VALUATION
TOWN

FACILITY

QUARRY

MONROE
V2310

STONEY CREEK

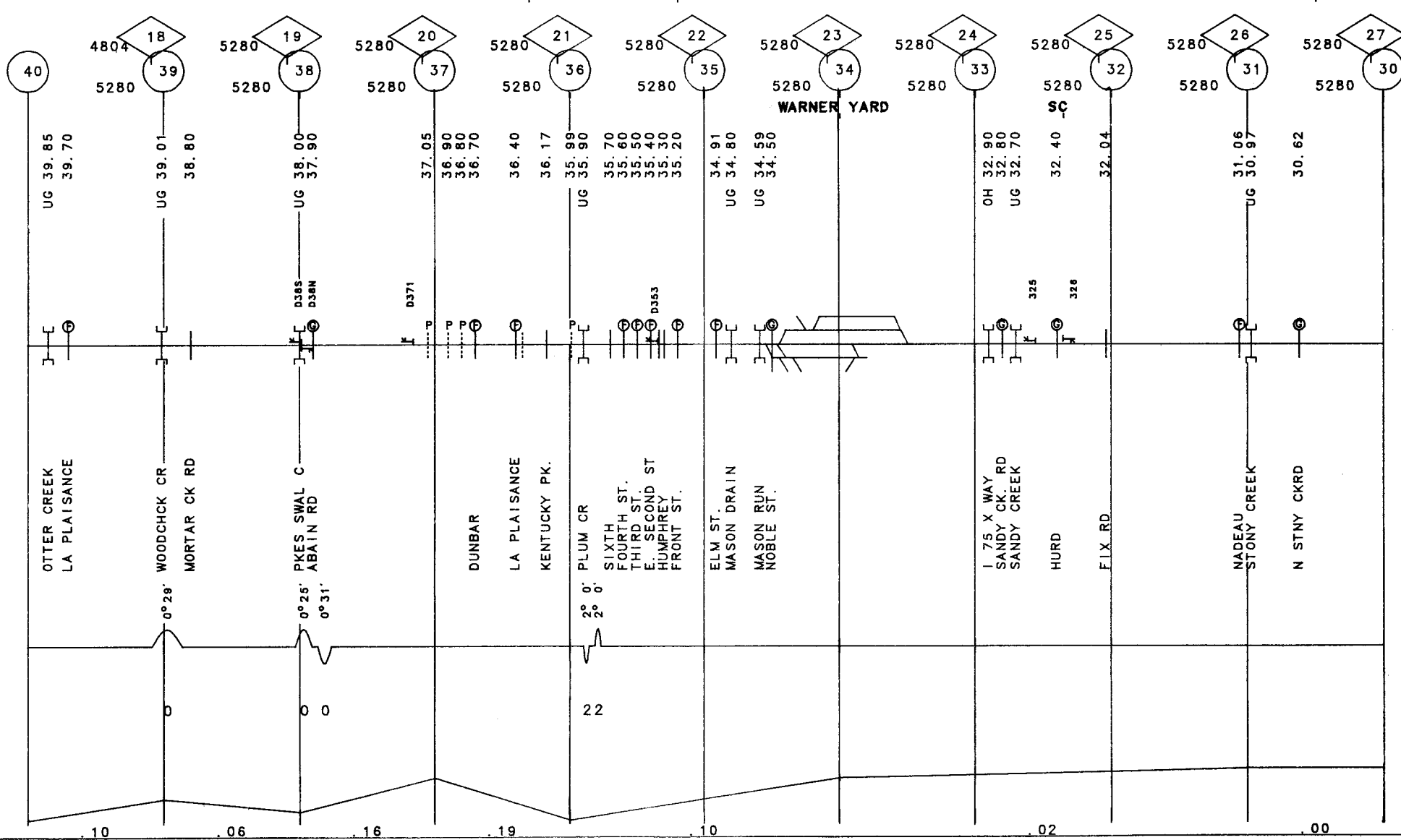
WARNER YARD

SC

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE



001

[illegible]

002

VALUATION
TOWN

FACILITY

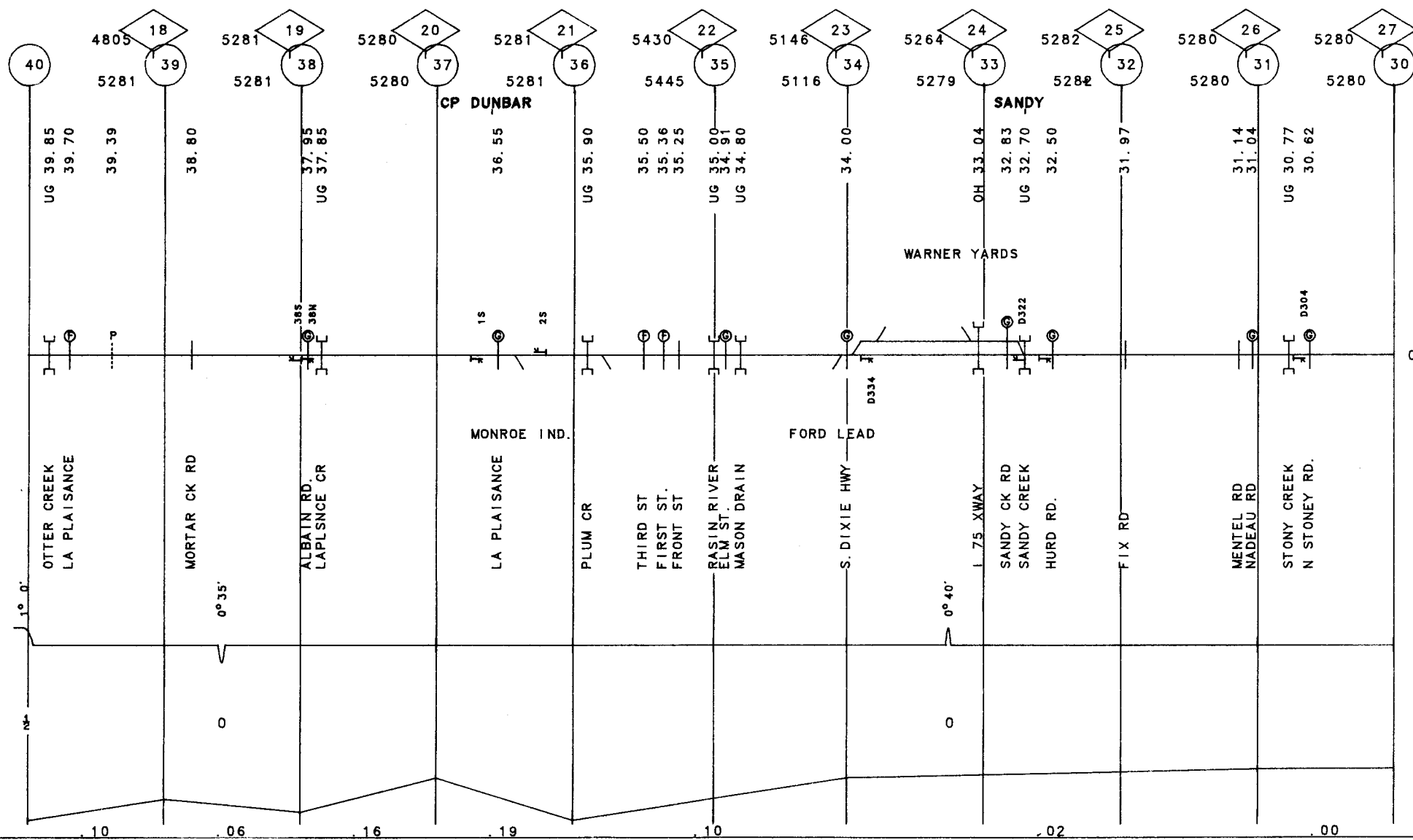
DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

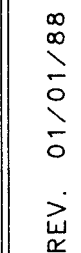
GRADE

QUARRY MONROE

STONEY CREEK



	MI / OH	31
MP	40.00	49.40
-MP	49.40	50.00



36-5221	DETROIT LINE
	DETROIT LINE

32

OH

MP 50.10

MP 50.00 -MP

REV. 01/01/88

36-5221 DETROIT LINE

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

50/50/50

001

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

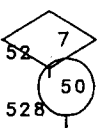
50/50/50

002

VALUATION
TOWN

V2080

FACILITY



OH 50.07

50.1

001
002

ALEXIS RD

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

18

GRINDING	85	84
SURFACING	87C	
TIES	87	
UNDERCUTTING	27F77	27F73
RAIL	27F77	27F77
BAL. CLEAN	86	86
TONNAGE (MGT)	15.6	50/50/50
T. SPEED	30/30/30	
UG. CABLE	W	

001

GRINDING	85	84	79(1)
SURFACING	86		
TIES	86		
UNDERCUTTING	27F77	27F84	27F77
RAIL	27F77	27F77	27F77
BAL. CLEAN	86	81	
TONNAGE (MGT)	15.2	50/50/50	
T. SPEED	30/30/30		
UG. CABLE	E	E	E

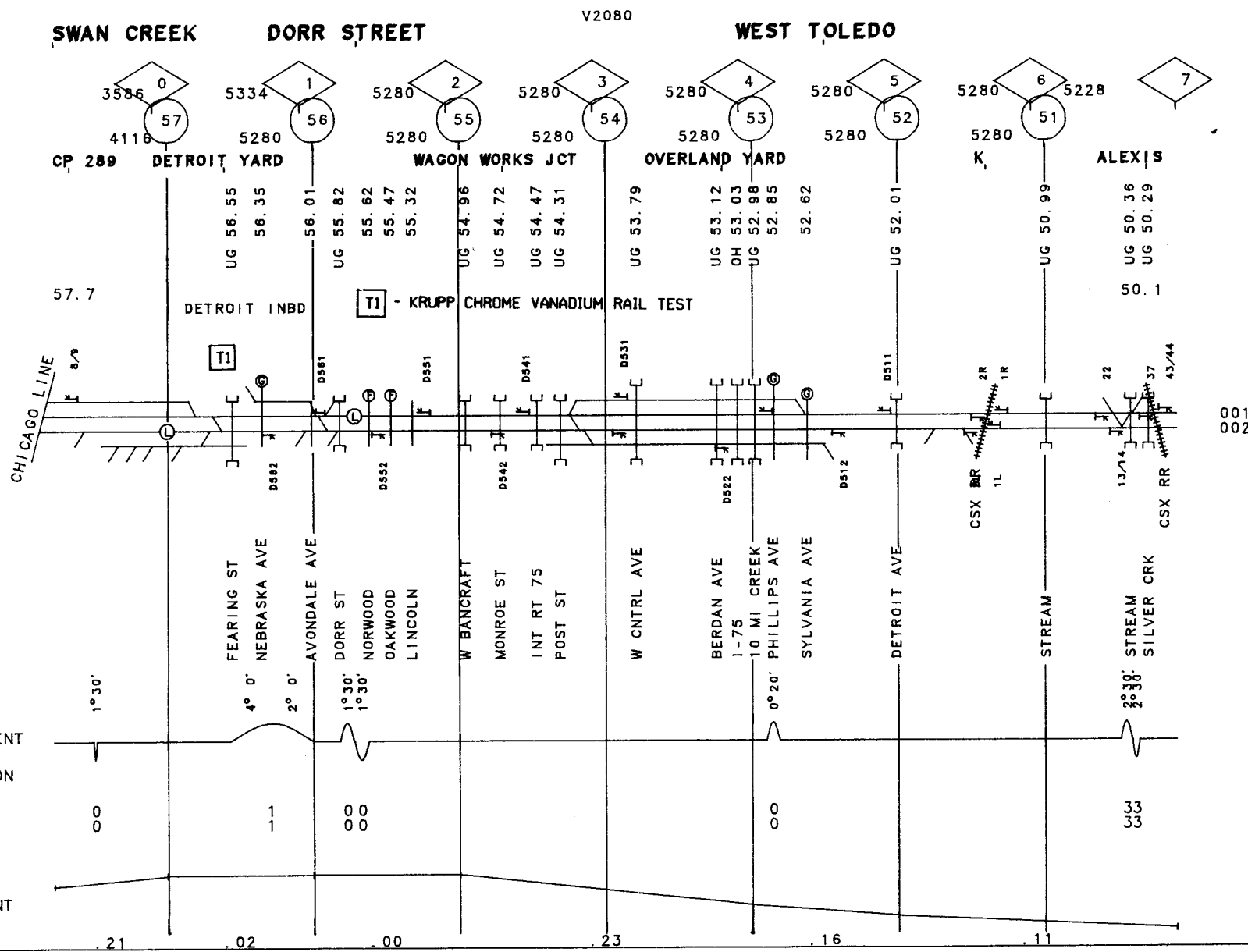
30/30/30

002

VALUATION
TOWN

FACILITY

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

001
002

34

MI

7.60

-MP

1.00

MP

REV. 01/01/88

36-5204

MICHIGAN LINE

GRINDING		
SURFACING	76E	
TIES	75	
UNDERCUTTING		
RAIL	27-27	
BAL CLEAN	75S	
TONNAGE(MGT)	0.5	
T T SPEED	15	
UG. CABLE		

007

GRINDING			
SURFACING			
TIES			
UNDERCUTTING			
RAIL	27-39	27-52	27-27
BAL CLEAN		75S	
TONNAGE(MGT)	2.7	0.6	
T T SPEED	70/70/50	50/50/50	40/40/40
UG. CABLE			

001

GRINDING			
SURFACING			
TIES			
UNDERCUTTING			
RAIL	27-52		27-52
BAL CLEAN			75S
TONNAGE(MGT)	2.5	0.2	
T T SPEED	70/70/50	20/20/20	20/20/20
UG. CABLE			

002

GRINDING		
SURFACING	76E	
TIES	75	
UNDERCUTTING		
RAIL	27-52	27-
BAL CLEAN	75S	
TONNAGE(MGT)	0.5	
T T SPEED	15	
UG. CABLE		

003

VALUATION
TOWN

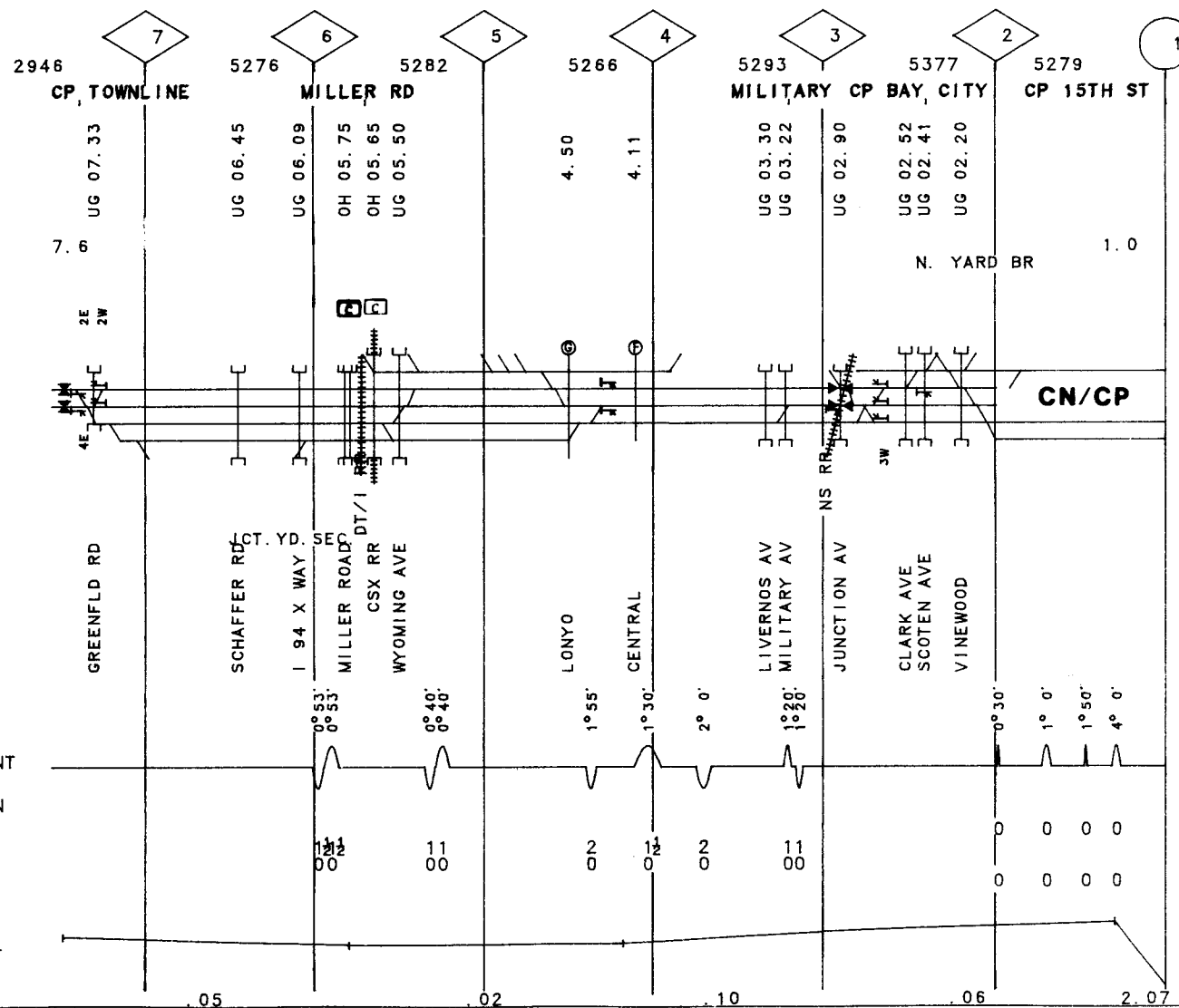
WYOMING LONYO

W. DETROIT

V4011 V4020

DETROIT

FACILITY

007
001
002
003

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

GRINDING		81	
SURFACING		84	
TIES		76	
UNDERCUTTING			
RAIL	27-36		27-39
BAL. CLEAN		82L	
TONNAGE (MGT)		3.2	
T T SPEED		70/60/50	
UG. CABLE			

001

GRINDING			
SURFACING	*****	85	
TIES		85	
UNDERCUTTING			
RAIL	27-36		27-44
BAL. CLEAN		85	
TONNAGE (MGT)		3.2	
T T SPEED		70/60/50	
UG. CABLE			

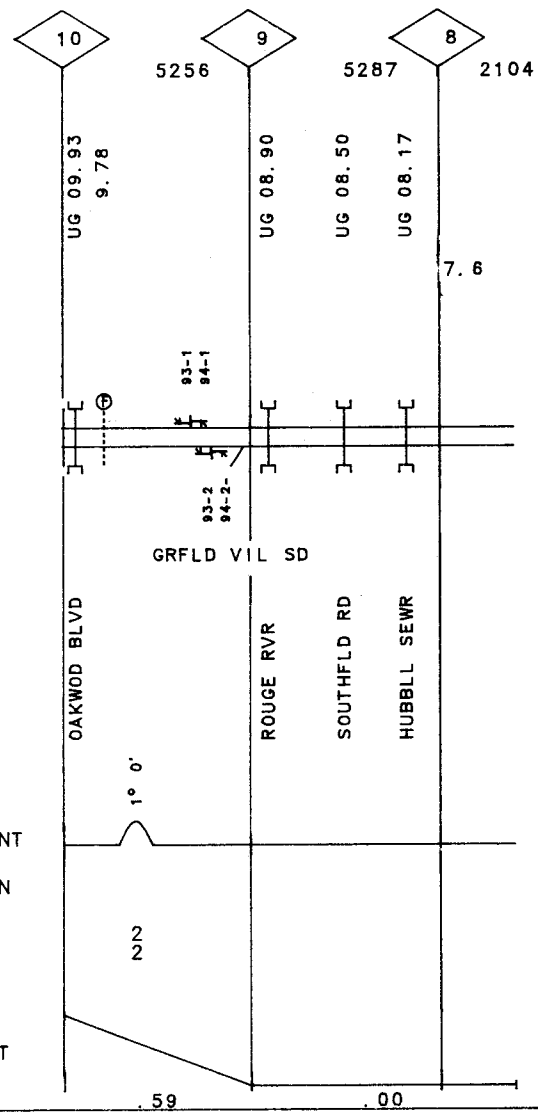
002

VALUATION
TOWN

V4012

DEARBORN,

FACILITY



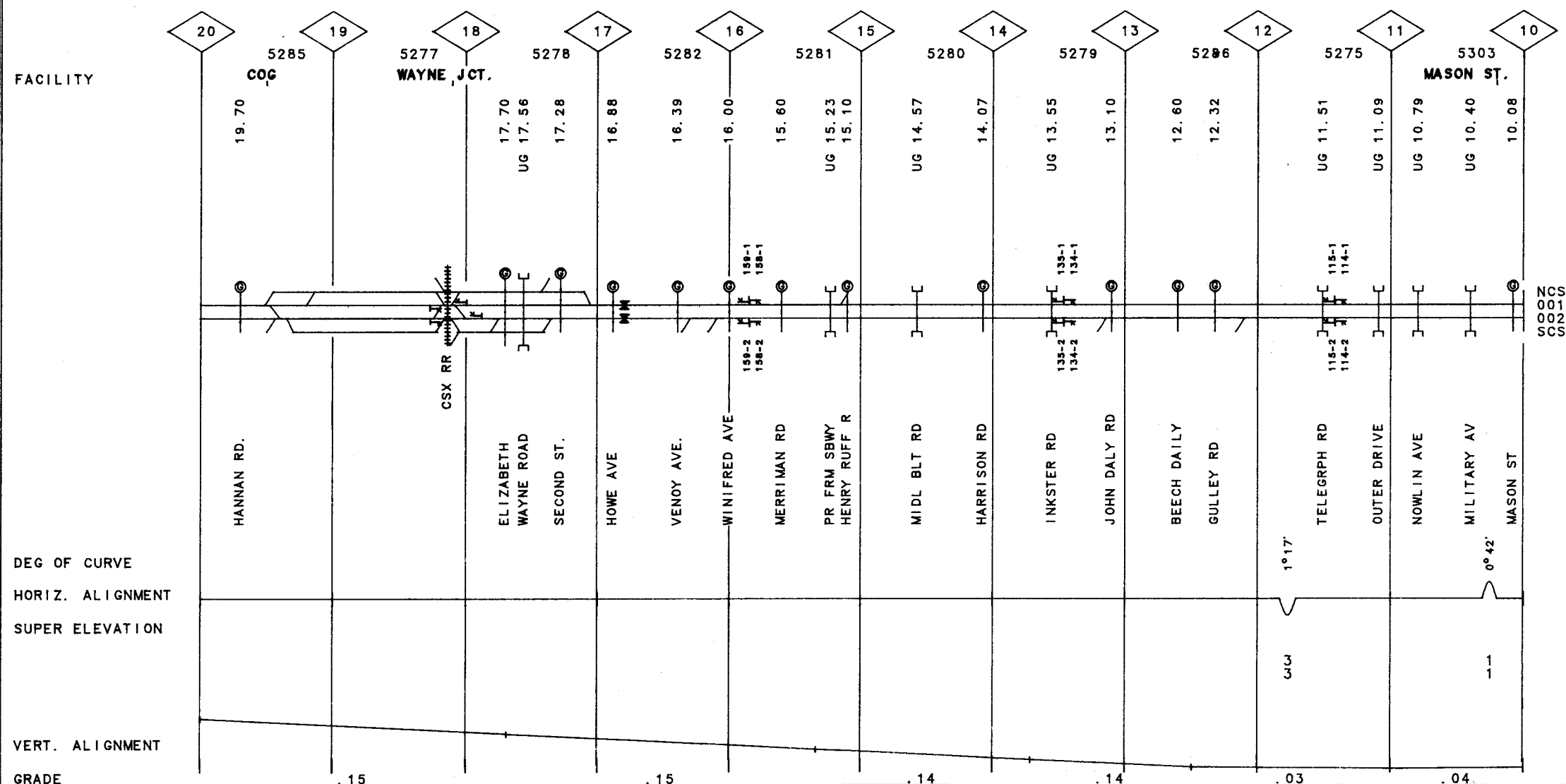
001
002

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

[illegible]

	SCS	SCS
GRINDING		
SURFACING		
TIES		
UNDERCUTTING		
RAIL	05-25	05-25
BAL CLEAN		
TONNAGE(MGT)	0.5	0.5
T T SPEED	15	15
UG CABLE		

INKSTER



NCS	37
	Σ

001002

	S	↑	
1	5	/	15

SCS

HAGGERTY



GRINDING										
SURFACING										
TIES	86									
UNDERCUTTING	85									
RAIL	86									
BAL. CLEAN	85									
TONNAGE (MGY)	86									
T T SPEED	6.0									
UG. CABLE	N									

007

50/50/50

VALUATION
TOWN

ANN ARBOR

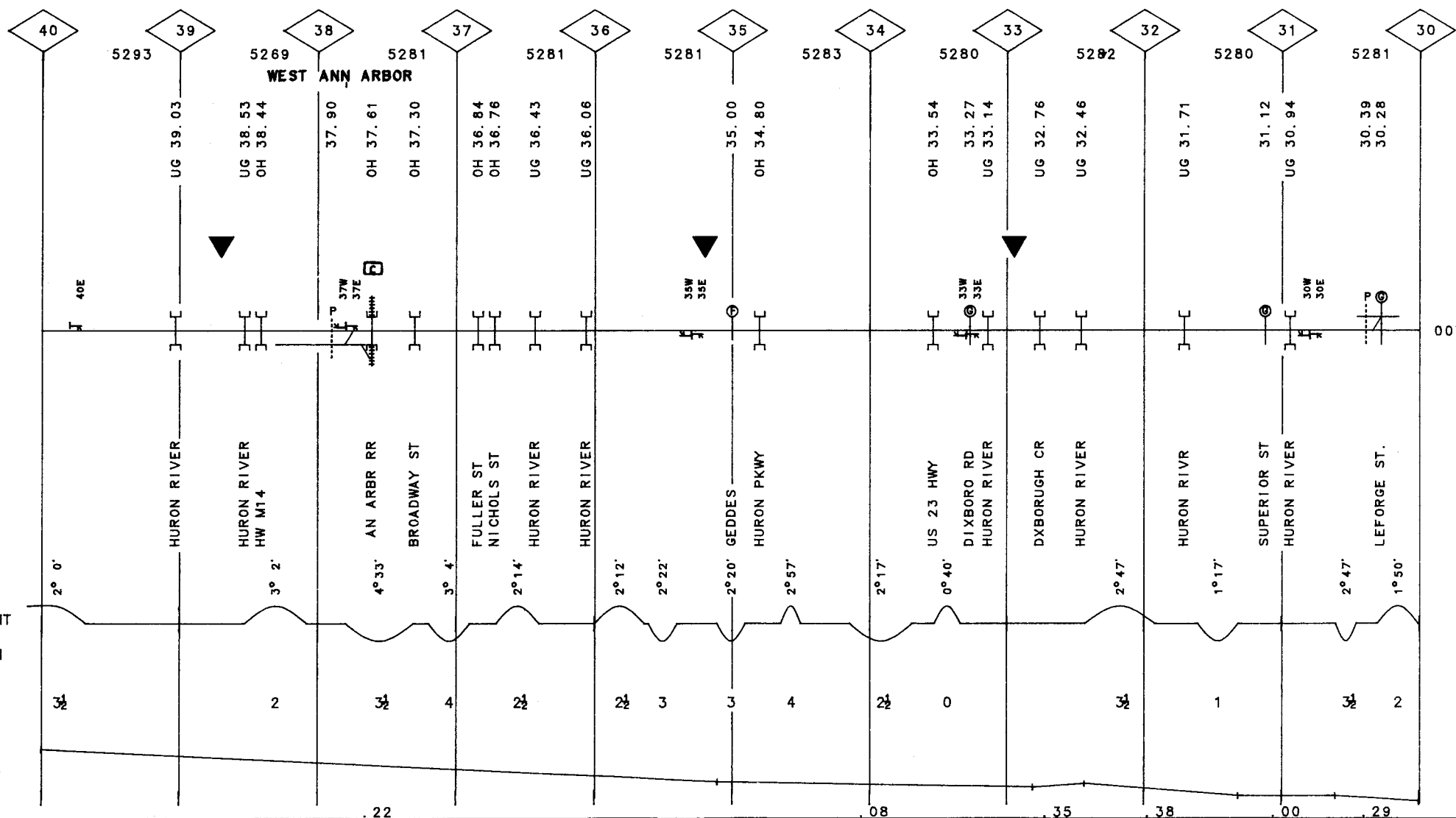
V4012

GEDDES

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE

007

VALUATION
TOWN

FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

GRINDING	86
SURFACING	86C
TIES	85
UNDERCUTTING	
RAIL	40F86
BAL CLEAN	81
TONNAGE (MGT)	0.2
T T SPEED	70/60/50
UG. CABLE	

NCS

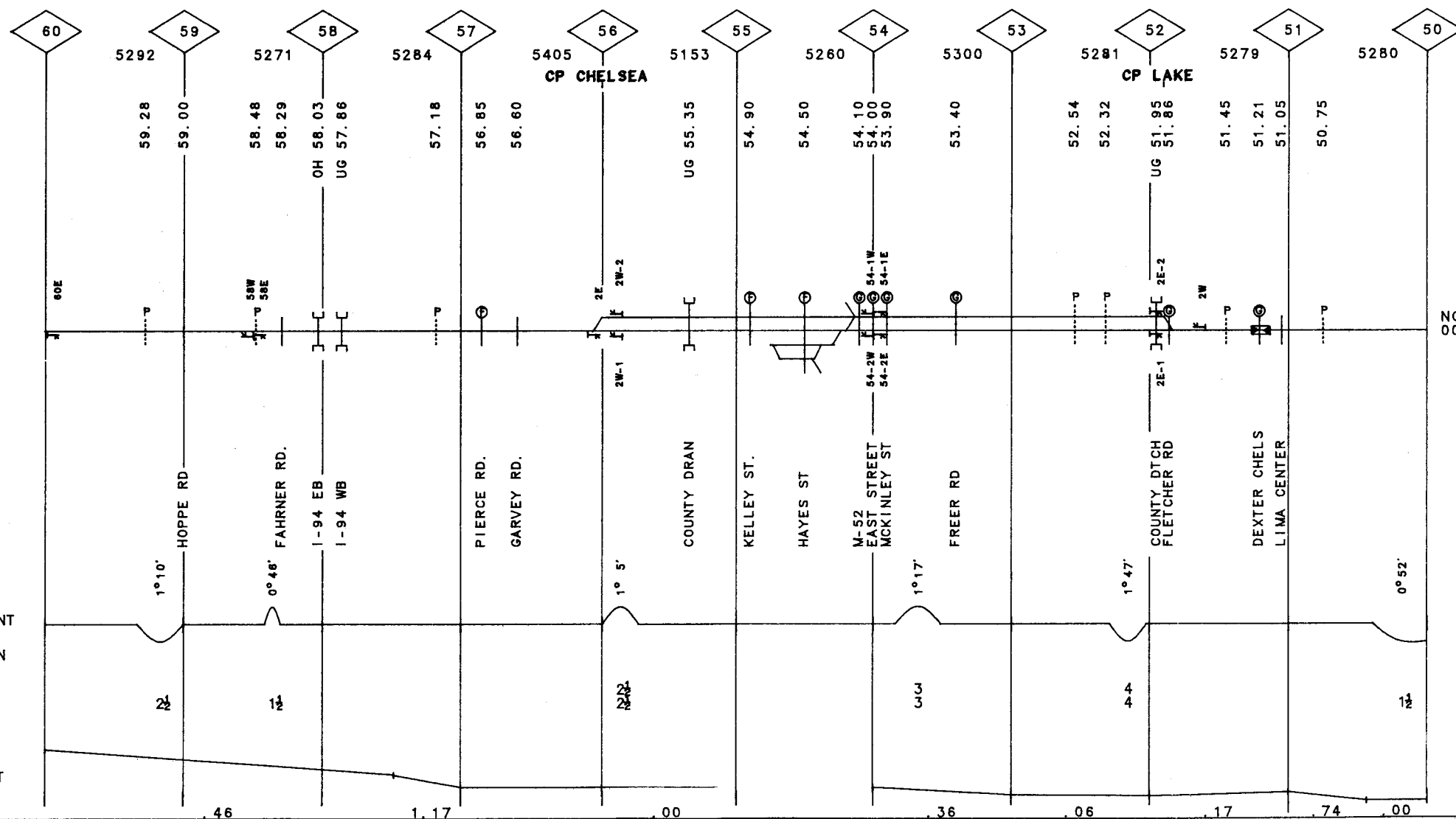
GRINDING	85	86	86C	86	86C
SURFACING					
TIES					
UNDERCUTTING					
RAIL	31F86	33F86	31F86	31F86	31F86
BAL CLEAN	84	85	86	86	86
TONNAGE (MGT)		6.0			
T T SPEED		70/60/50			
UG. CABLE	N	S	N	S	S

007

V4012

CHELSEA

FOUR MILE LAKE

NCS
007

[illegible]VALUATION
TOWN

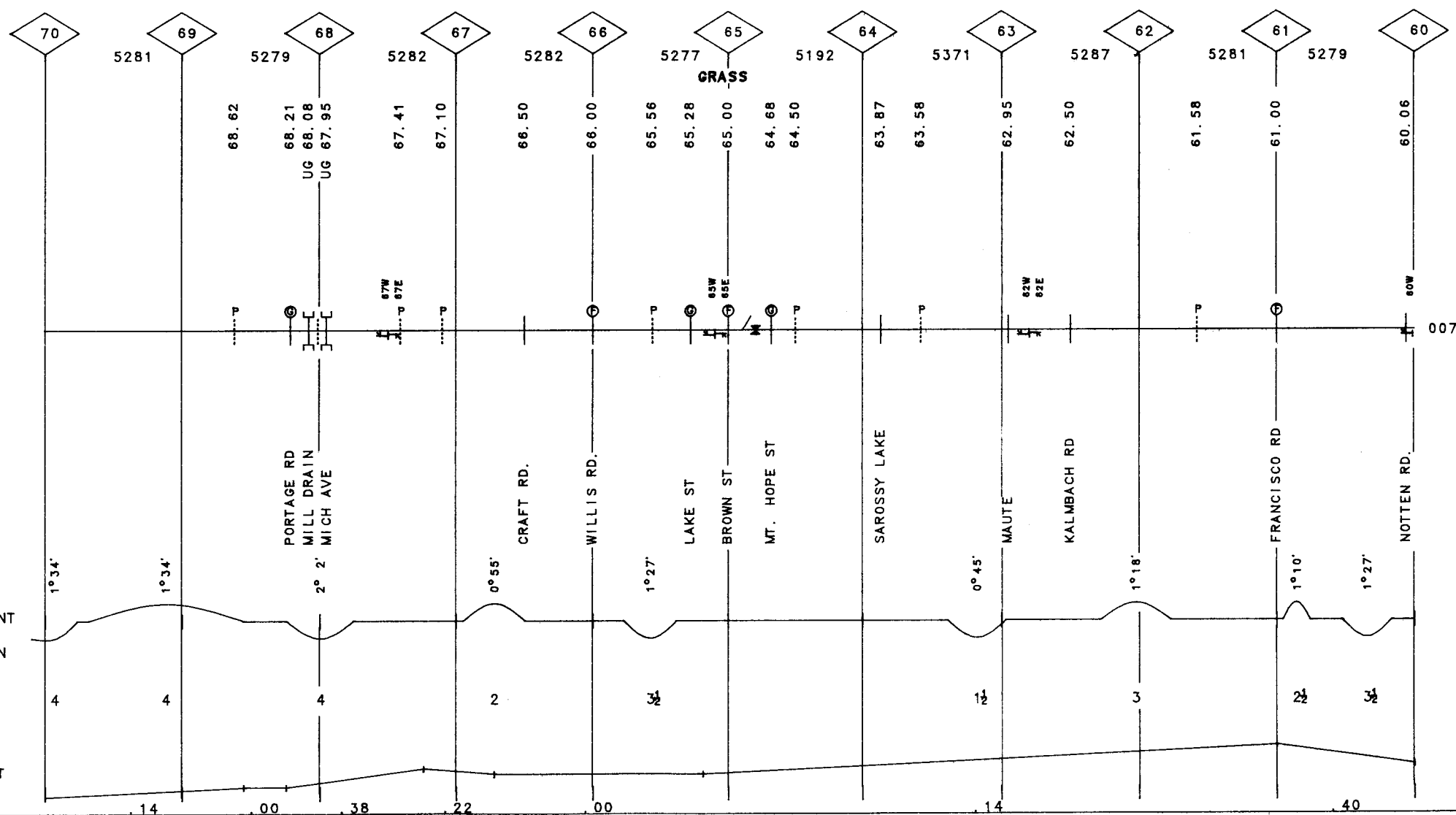
LEONI

V4012
GRASS LAKE

FACILITY

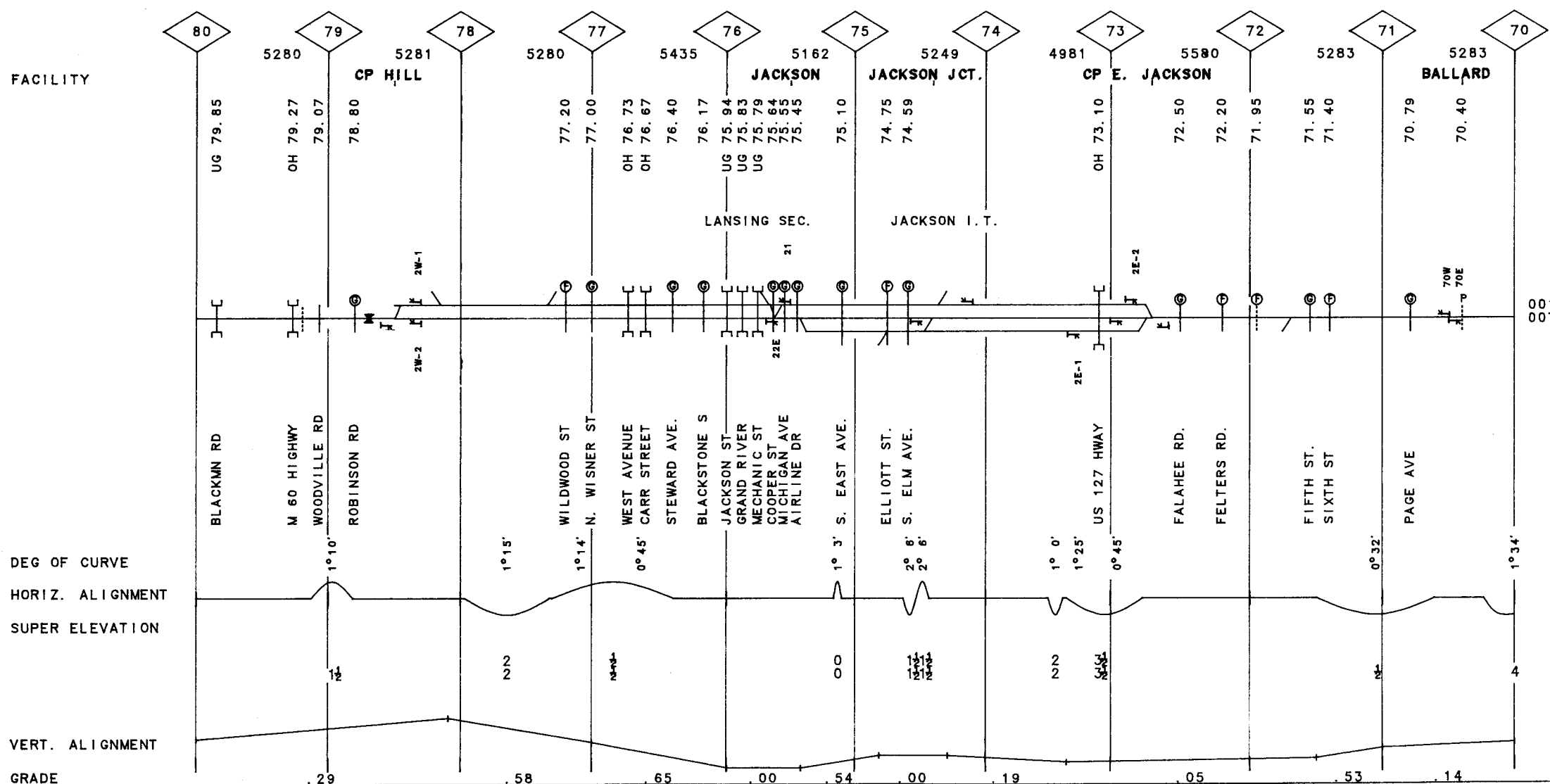
DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT
GRADE _____



001007

MI CH I G A N, C E N T E R



VALUATION
TOWN

FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

GRINDING	
SURFACING	87
TIES	86
UNDERCUTTING	
RAIL	27F87
BAL. CLEAN	78L 81 84
TONNAGE(MGT)	0.2 0.2
T T SPEED	60/60/50 30
UG. CABLE	N (40)

GRINDING	
SURFACING	87
TIES	86
UNDERCUTTING	
RAIL	31F87 32F87 40F87
BAL. CLEAN	82 84 82
TONNAGE(MGT)	
T T SPEED	60/60/50 (40) 7.1 60/60/50
UG. CABLE	N

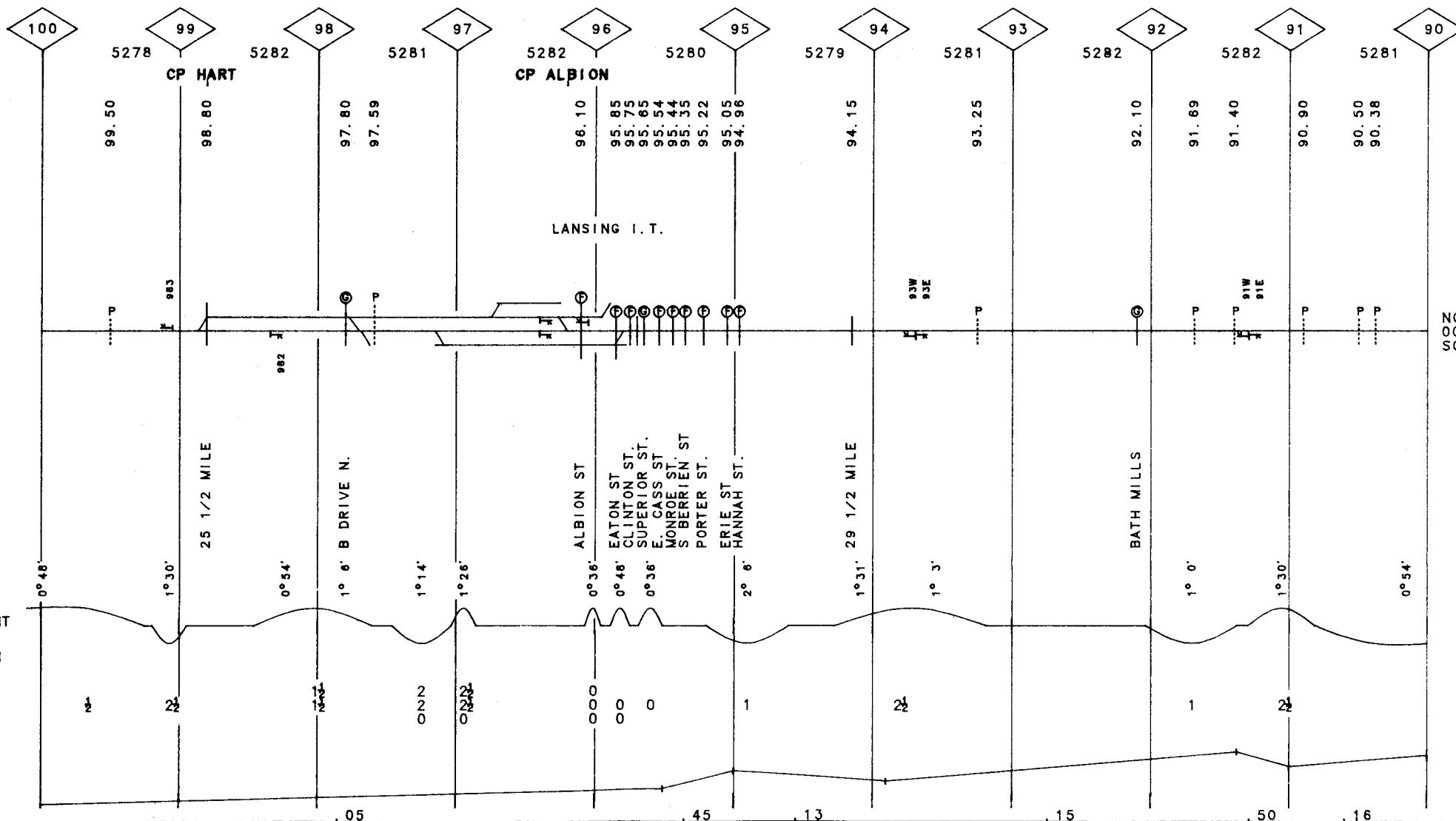
GRINDING	
SURFACING	87
TIES	87
UNDERCUTTING	
RAIL	32F87
BAL. CLEAN	
TONNAGE(MGT)	0.2
T T SPEED	30
UG. CABLE	

HARTUNG

ALBION

V4012

BATH MILLS



NCS

007

SCS

NCS
007
SCS

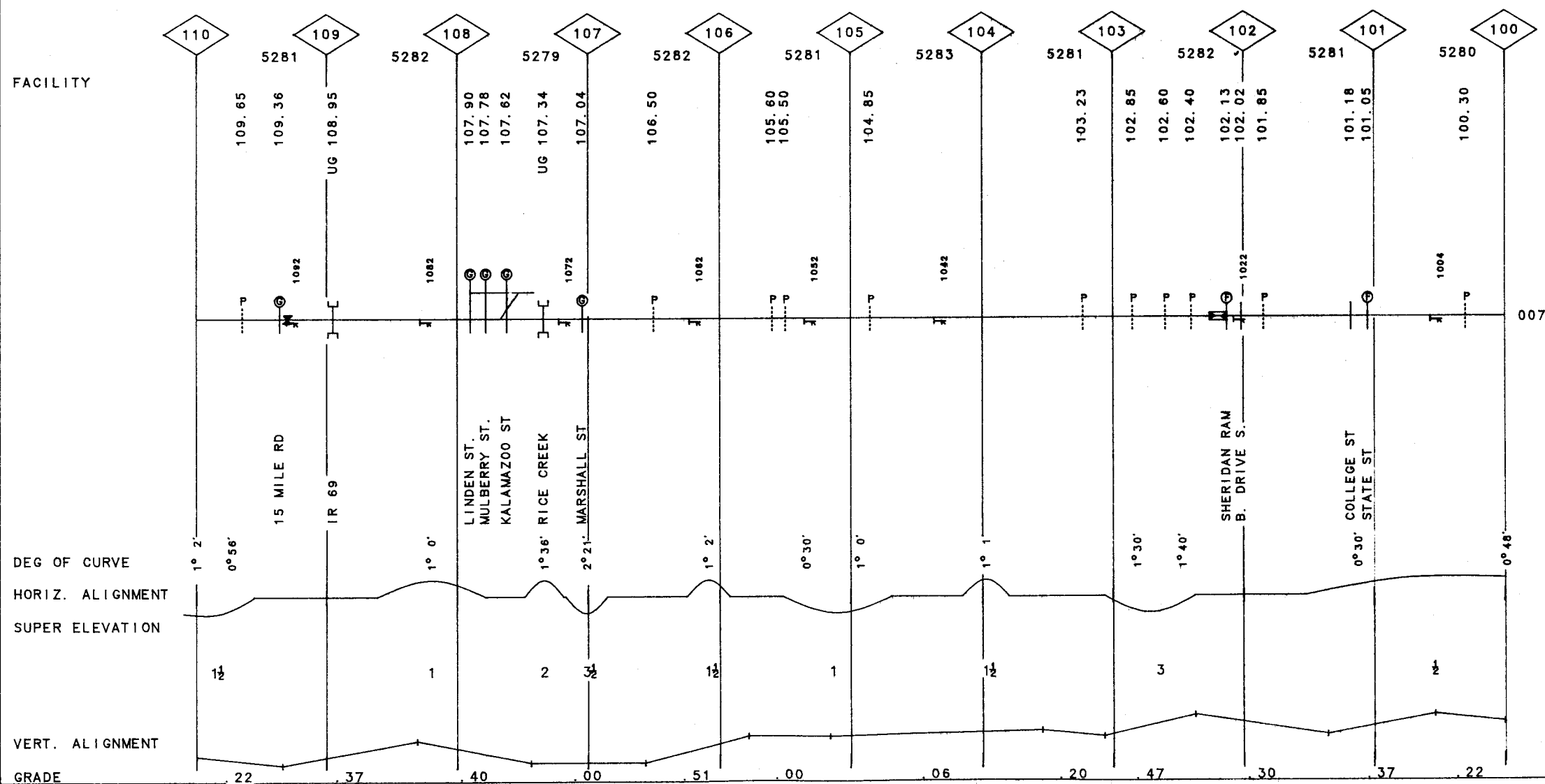
[illegible]VALUATION
TOWN

MARSHALL

V4012

MARENGO

FACILITY



36-5304 MICHIGAN LINE

REV. 01/01/88

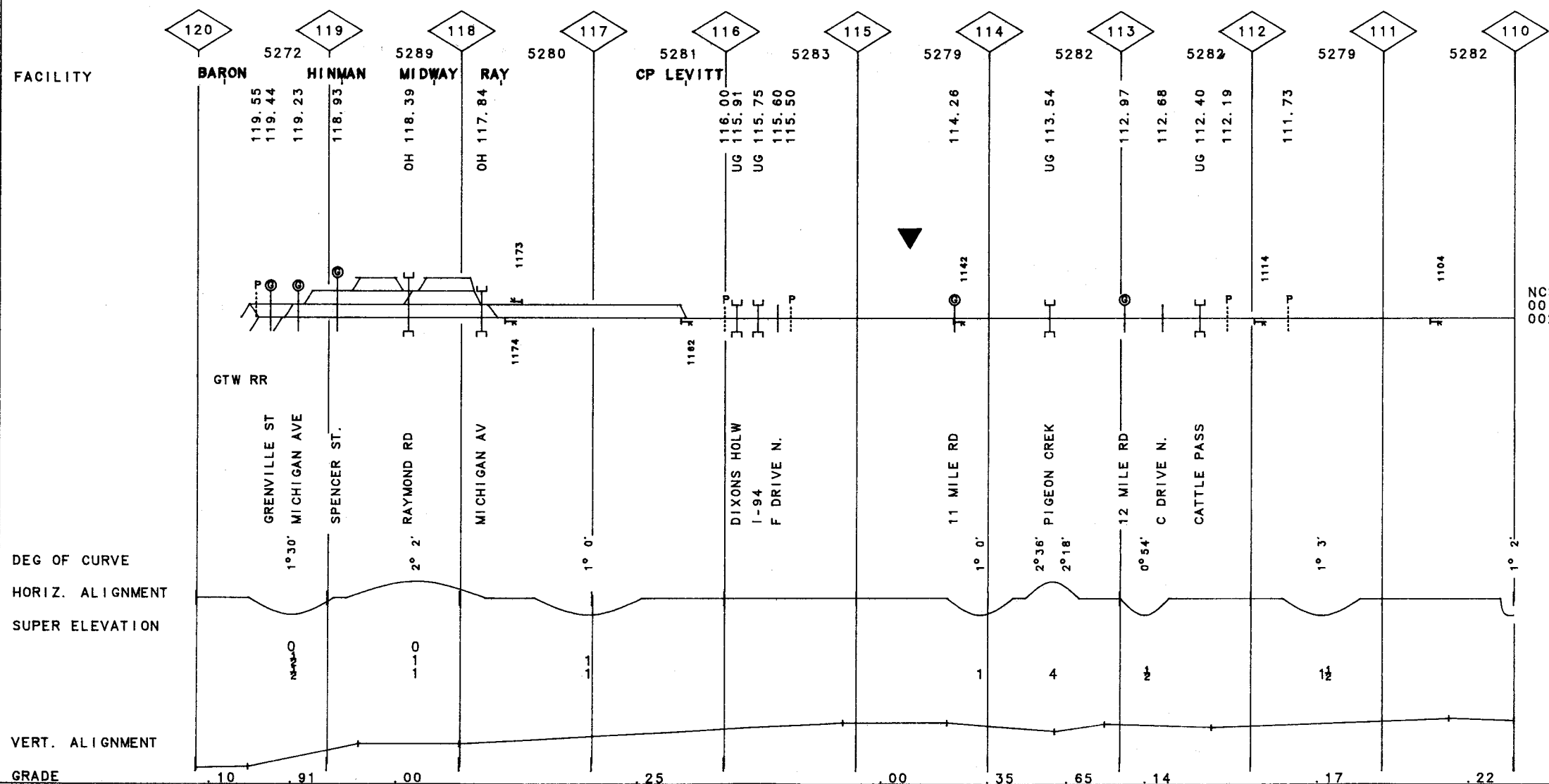
MP 100.00-MP 110.00

45
—
Σ

[illegible]

002

V4012
LEVITTOWN WHEATFIELD CERESCO



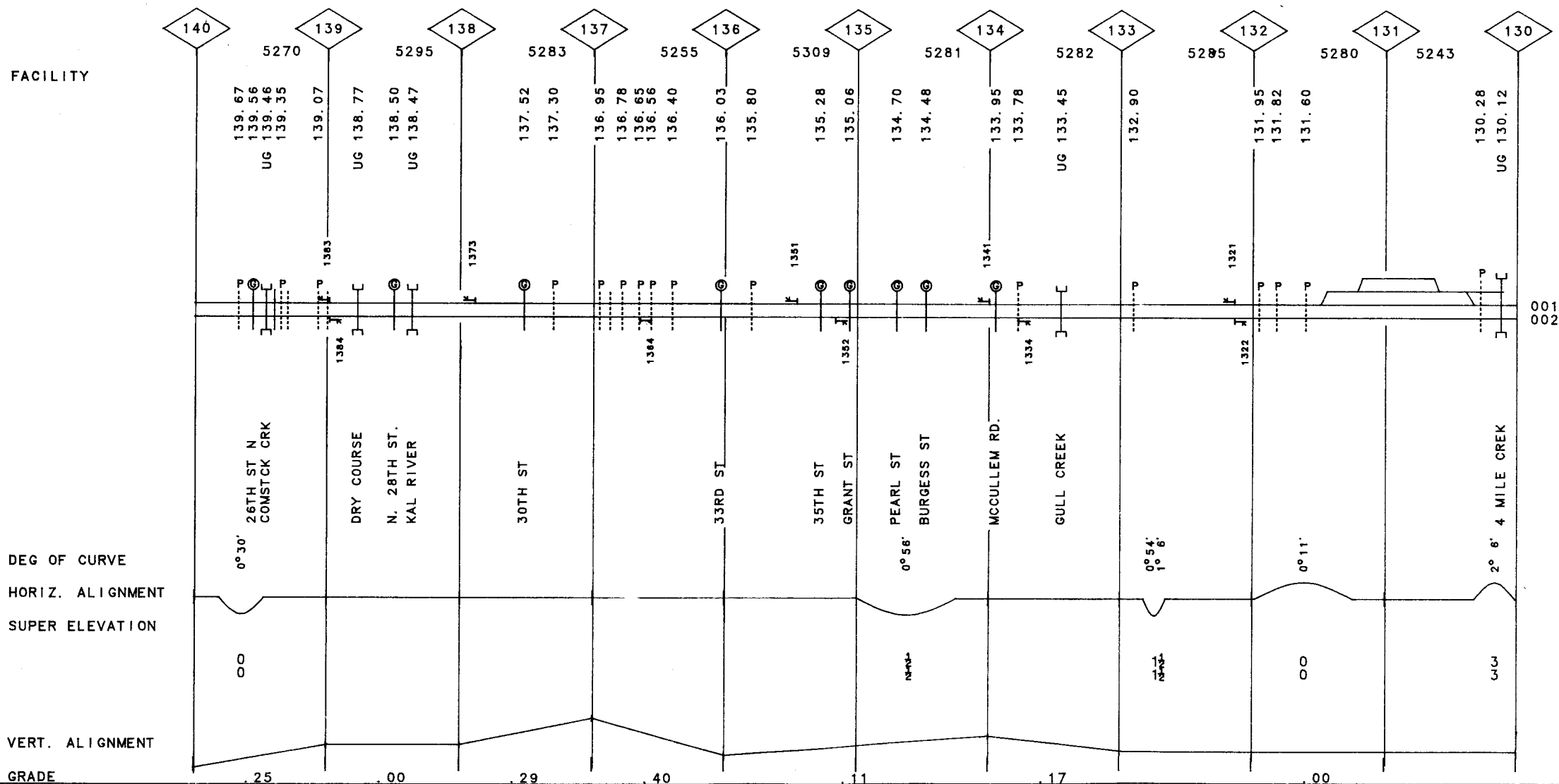
001

002



GRINDING				
SURFACING				
TIES	81			
UNDERCUTTING	78			
RAIL	127-46	27-45		
BAL. CLEAN	84	81		
TONNAGE(MGT)				
T T SPEED	60/60/50	4.6	55/55/50	60/60/50
UG. CABLE	55/55/50			
GRINDING				
SURFACING				
TIES	87C			
UNDERCUTTING	86			
RAIL	31F87			
BAL. CLEAN	84	82		
TONNAGE(MGT)				
T T SPEED	60/60/50	4.8	55/55/50	60/60/50
UG. CABLE	55/55/50			

V4012
GALESBURG



GRINDING									
SURFACING	82				81				
TIES	82				79ST				
UNDERCUTTING									
RAIL	30-30		31-31			33-50			
BAL. CLEAN			82						
TONNAGE (MGT)			0.3						
T. T. SPEED			15			10			
UG. CABLE									

SDG

GRINDING									
SURFACING					82				
TIES					80			79ST	
UNDERCUTTING					80PL			79PL	
RAIL	30-48		33-47		31-31		30-31	33-50	31-46
BAL. CLEAN			82					82	
TONNAGE (MGT)					0.1			6.1	
T. T. SPEED						25			
UG. CABLE									

007

VALUATION
TOWN

CROMERS

V7295

FACILITY

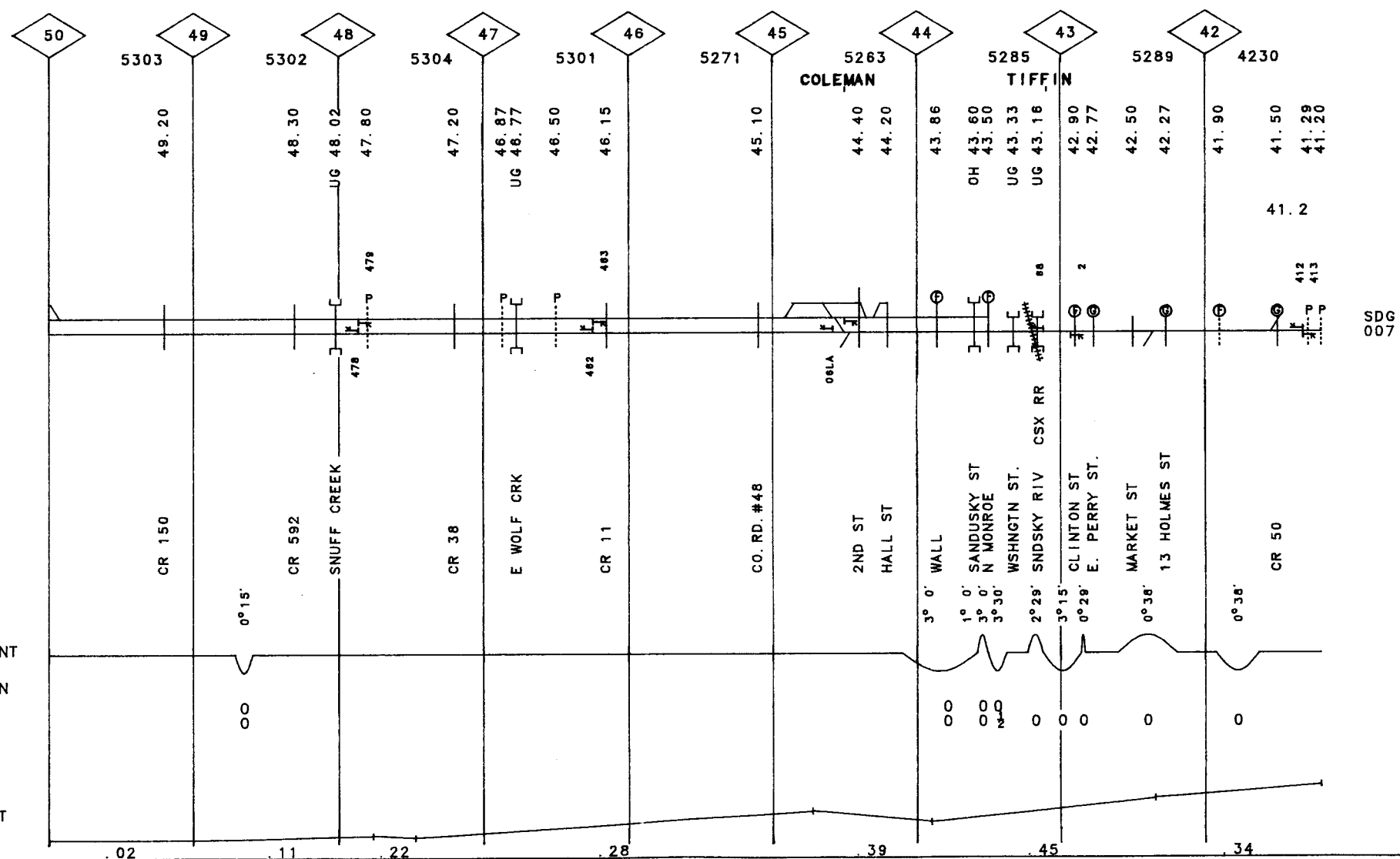
DEG. OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

SDG
007

VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT
GRADE

GRINDING		81		81
SURFACING		80E		82
TIES		76		80
UNDERCUTTING		78PL		80PL
RAIL		32-80		30-41
BAL. CLEAN		82		82
TONNAGE (MGT)	0.4	0.1	0.4	0.1
T. T. SPEED		25		
UG. CABLE				

GRINDING	
SURFACING	82
TIES	82
UNDERCUTTING	
RAIL	30-31
BAL. CLEAN	82
TONNAGE (MGT)	0.3
T. T. SPEED	15
UG. CABLE	

SDG

007

SDG
007

HELENA

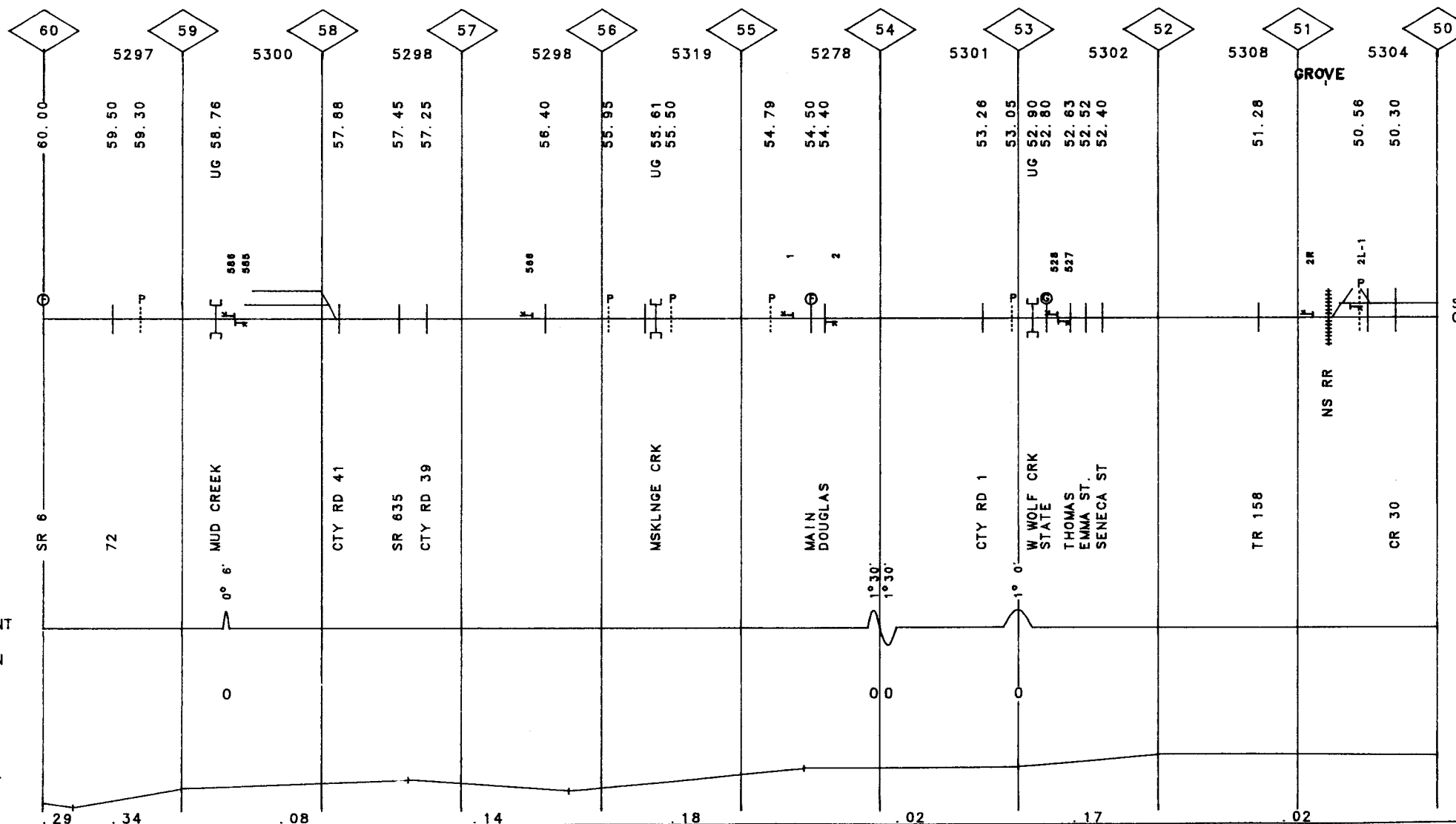
MILLERSVILLE

V7295

BURGOON

BETTSVILLE

MAPLE GROVE



YD1	
GRINDING	
SURFACING	57H
TIES	
UNDERCUTTING	
RAIL	30-36
BAL. CLEAN	
TONNAGE (MGT)	
T. SPEED	10
UG. CABLE	

YD21	
GRINDING	
SURFACING	59J
TIES	
UNDERCUTTING	
RAIL	30-45
BAL. CLEAN	
TONNAGE (MGT)	
T. SPEED	10
UG. CABLE	

YD1		YD1	
	57H		60PB
	78		
	30-31		
	10		

YD1		YD1		007	
	82				81
	80				80
	30-31		30-36		30-36
	82				82
			2.1		1.0
	10				25
	N				

YD2		YD2		SD1	
	85				81
	85				80
	30-31		30-41		
	82				
			2.1		1.1
	10				15

007

SD1

VALUATION
TOWN

FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

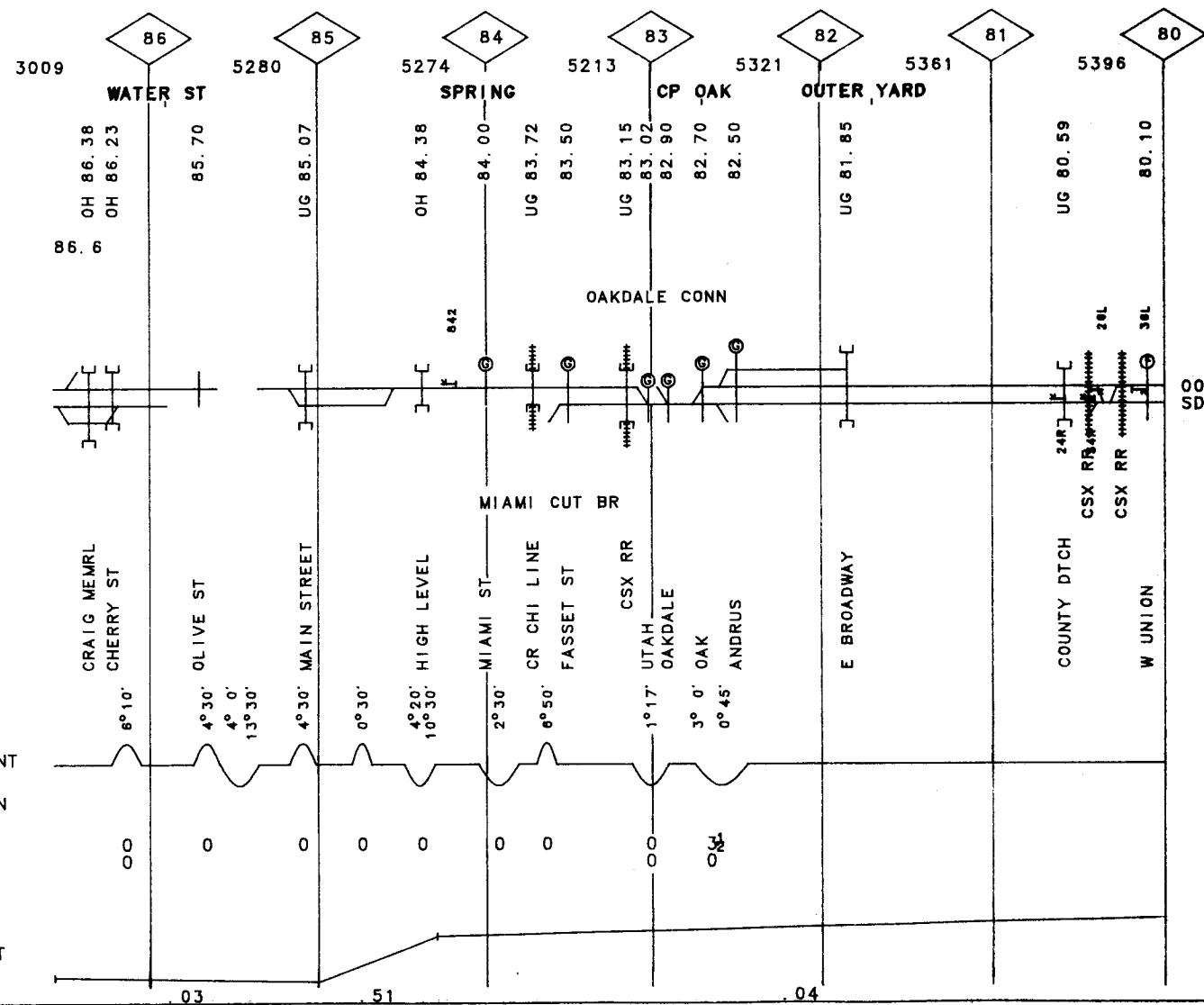
GRADE

OLIVE

V7296

ANDRUS ROAD

WALBRIDGE



GRINDING		83	
SURFACING	86		86
TIES		83	
UNDERCUTTING			
RAIL	40-11		32-87
BAL. CLEAN		81	
TONNAGE (MGT)		25.2	
T.Y. SPEED	50		30 15
UG. CABLE			

007

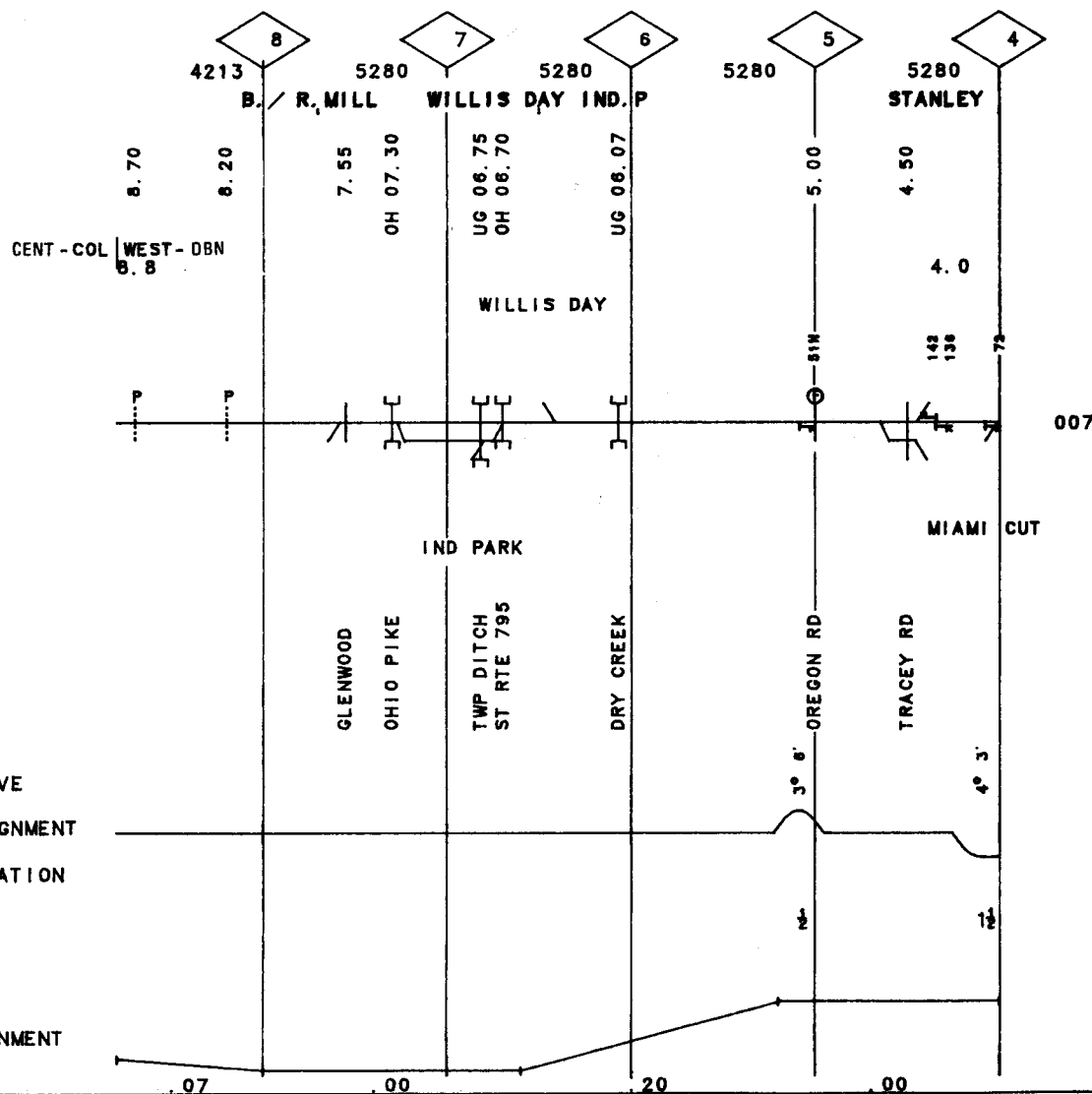
VALUATION
TOWN

LIME CITY

V3020|V3010

TOLEDO

FACILITY



007

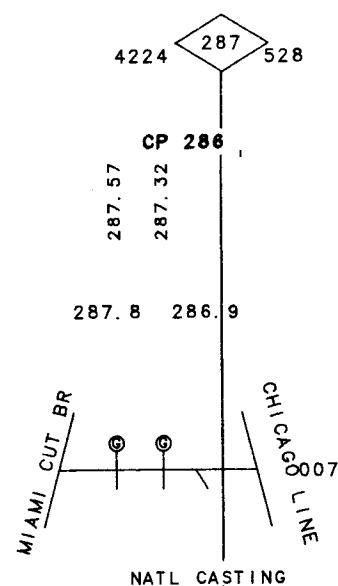
GRINDING	86
SURFACING	86
TIES	
UNDERCUTTING	
RAIL	✓
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	20
UG. CABLE	

007

VALUATION
TOWN

V4224
CP OAK

FACILITY



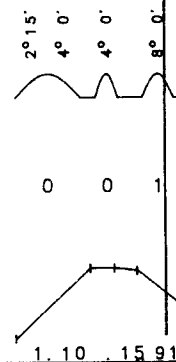
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



VALUATION
TOWN

FACILITY

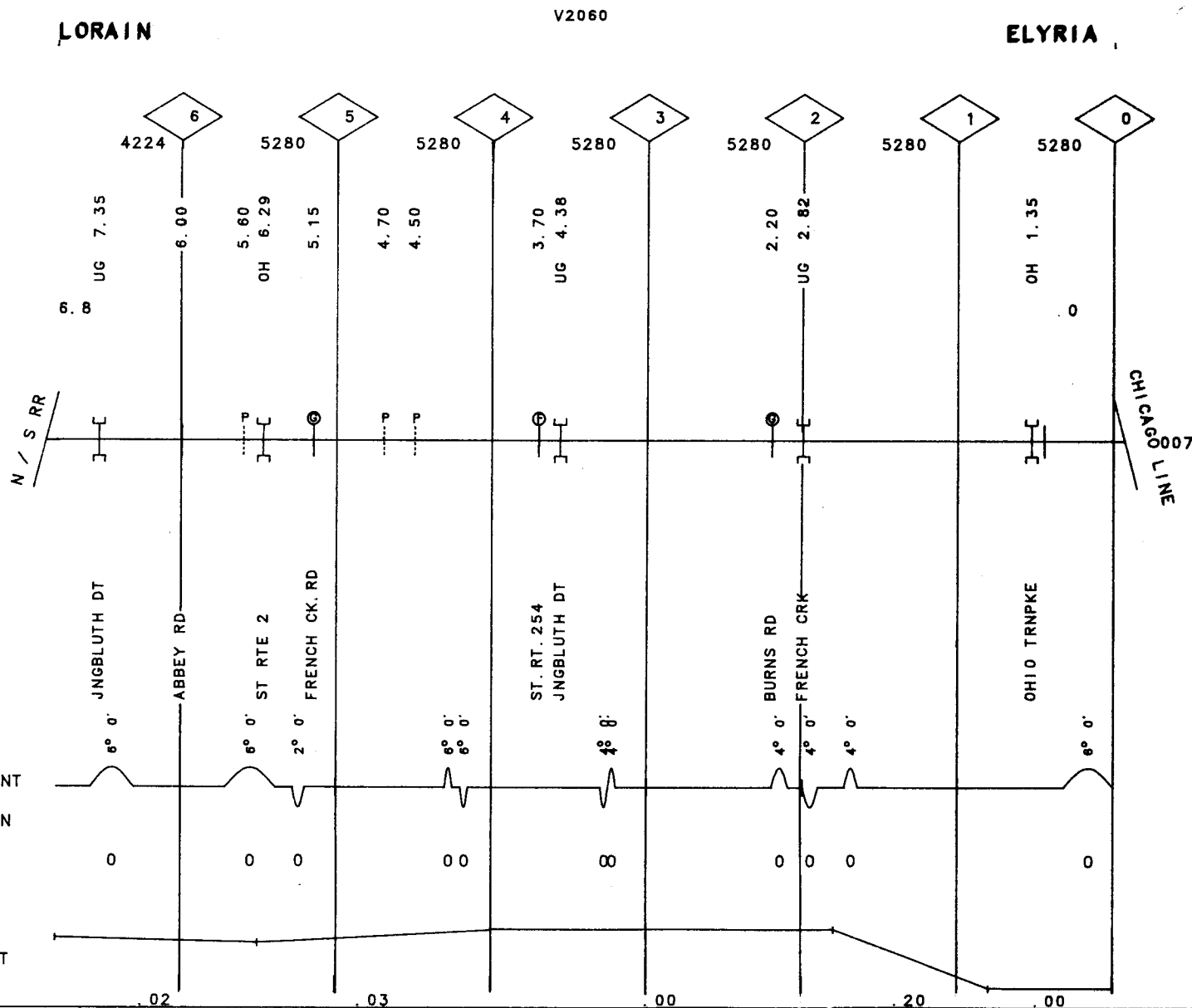
DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT

GRADE

GRINDING	
SURFACING	
TIES	886
UNDERCUTTING	886
RAIL	27-
BAL CLEAN	
TONNAGE(MGT)	
T T SPEED	10
UG. CABLE	

007



GRINDING	85	85	86
SURFACING	85	87	
TIES	85	84	
UNDERCUTTING			
RAIL	31F78	12F78	27F77
BAL. CLEAN		81	87
TONNAGE (MGT)		52.7	36.4
T Y SPEED	10	20	
UG. CABLE			

007

VALUATION
TOWN

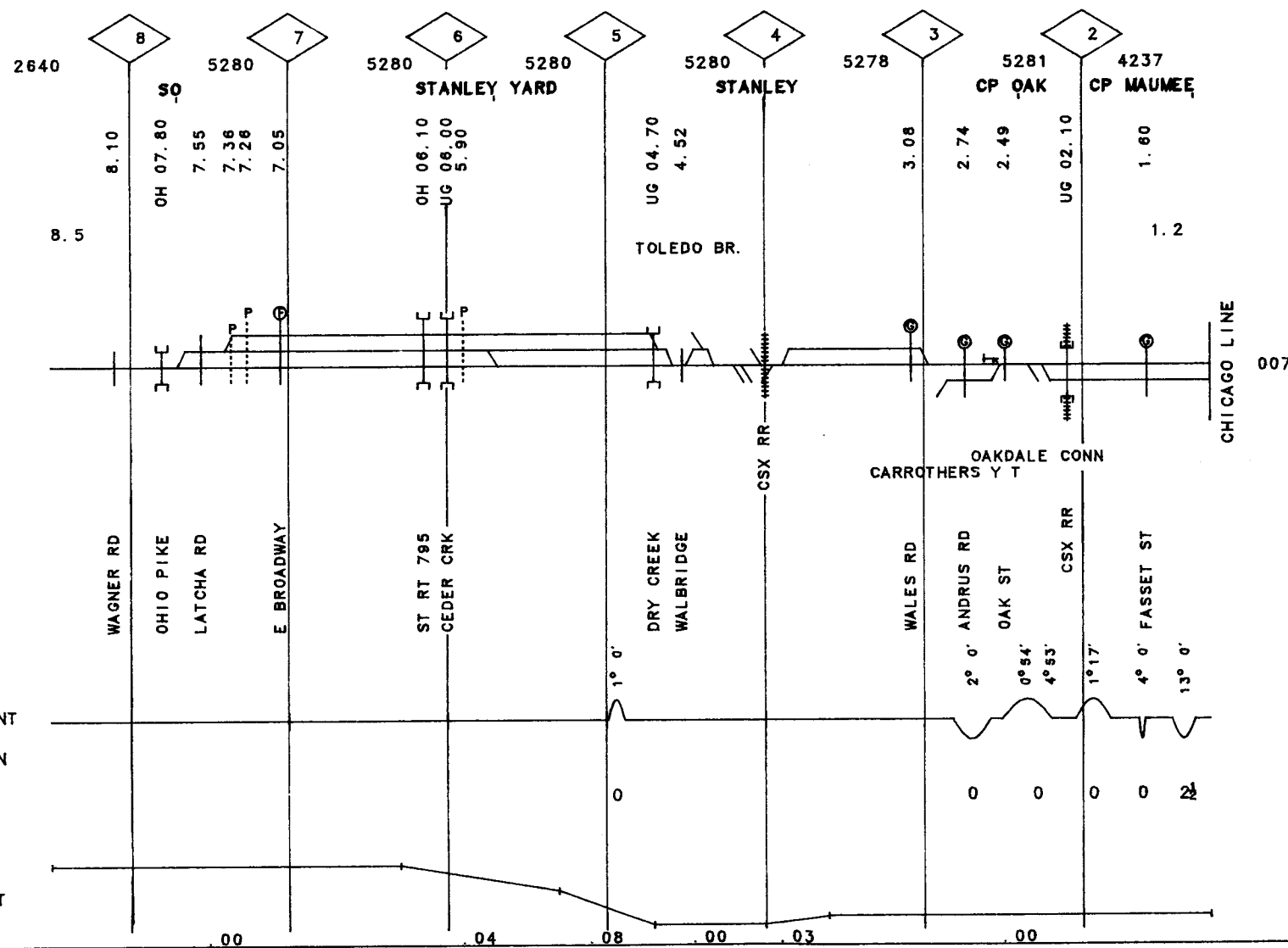
MOLINE

V3010

WALES ROAD

MAUMEE

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

57
OH

4.00
-MP 8.50

1.20
MP 4.00

REV. 01/01/88

36-3632 MIAMI CUT BR.
EASTERN R.T.

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

007

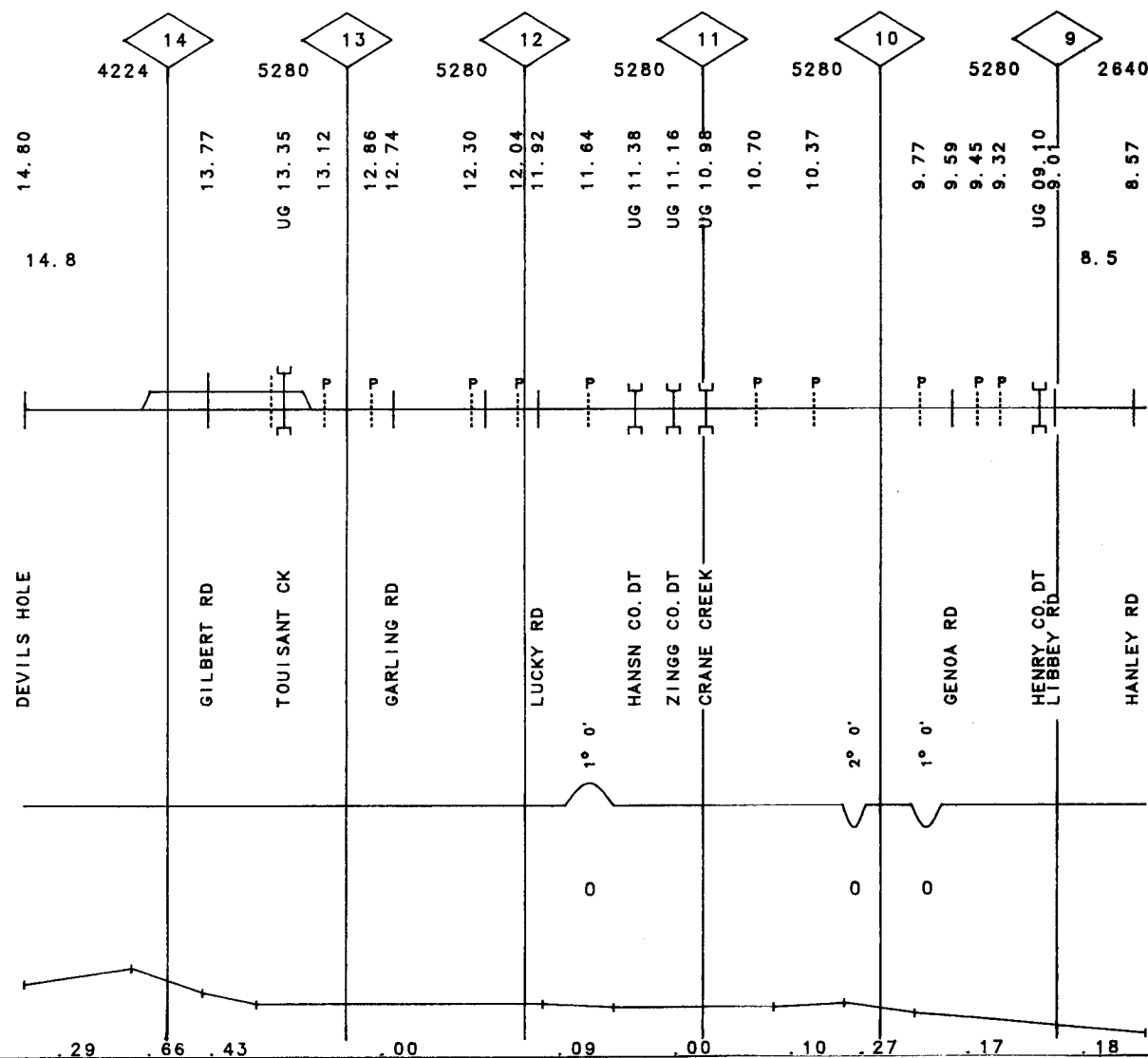
VALUATION
TOWN

LUCKEY

V3010

STONY RIDGE

FACILITY



007

		002	002
GRINDING			
SURFACING			87
TIES			83
UNDERCUTTING	CSXRR		
RAIL			
BAL. CLEAN			
TONNAGE (MGT)	2.3		2.3
T. T. SPEED	20		20
UG. CABLE			

002

	001	001	001	001
GRINDING				
SURFACING				87
TIES				83
UNDERCUTTING	CSXRR		CSXRR	
RAIL				127F85
BAL. CLEAN				82
TONNAGE (MGT)	2.1		2.1	2.1
T. T. SPEED	20		20	20
UG. CABLE				

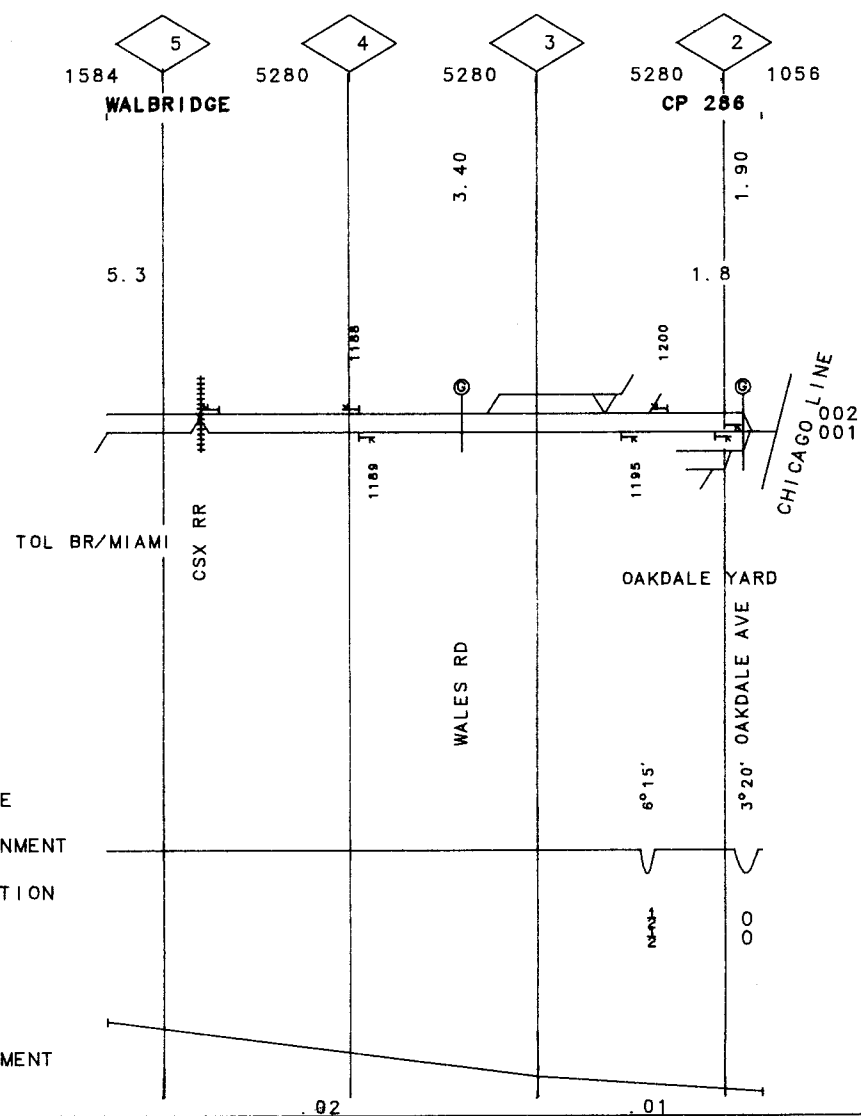
001

VALUATION
TOWN

WALBRIDGE

V0001/V3010
ROCKWELL, JCT.

FACILITY



59

OH

5.30

-MP

MP 1.80

REV. 01/01/88

36-3644 STANLEY SEC.

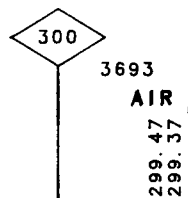
GRINDING	
SURFACING	82
TIES	82
UNDERCUTTING	
RAIL	27-55R
BAL. CLEAN	
TONNAGE (MGT)	0.1
T T SPEED	10
UG. CABLE	S-

007

VALUATION
TOWN

V2080

FACILITY



007

TO AIRLINE

PARKSIDE BLV
NEBRASKA AVE

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

1° 0'

0

.00

007

VULCAN

007

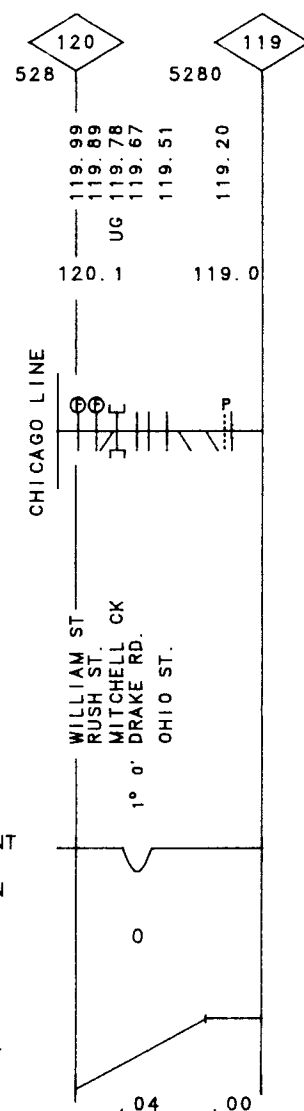
36-3635	CLINTON I. T.	REV.	01/01/88	MP	300.00	308.00	OH/	MI
	CLINTON I. T.			-MP	308.00	309.80		

GRINDING	
SURFACING	21J
TIES	71
UNDERCUTTING	
RAIL	00C28
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	10
UG. CABLE	

007

VALUATION
TOWNV7250
KENDALLVILLE

FACILITY



007

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

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

007

VALUATION
TOWN

V2070

FACILITY

2112

528

ELYRIA JUNCTION

208.90

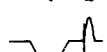
CHICAGO LINE

0007

DEG OF CURVE

4°16' 8°30'

HORIZ. ALIGNMENT



SUPER ELEVATION

0 0

VERT. ALIGNMENT

GRADE

.00

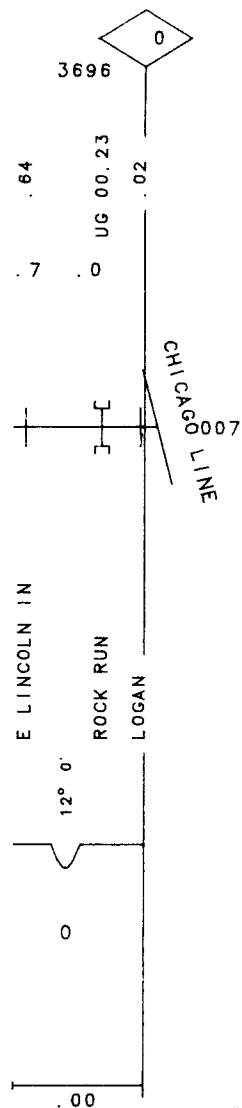
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

VALUATION
TOWNV2440
GOSHEN

FACILITY

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

007

GRINDING	85
SURFACING	85
TIES	85
UNDERCUTTING	
RAIL	27F73
BAL. CLEAN	87
TONNAGE (MGT)	14.1
T Y SPEED	20
UG. CABLE	

007

VALUATION
TOWN

YOST

V5480

GOSHEN

FACILITY

CENTRAL-SWEST

WEST-DBN
57.5

56.99

56.80

56.69

56.50

56.30

56.19

56.10

55.97

55.87

55.67

55.60

55.47

UG

55.4

E COLLEGE AV
NY AVE

E BURDICK ST

E JACKSON ST

E PLYMOUTH A

E DOUGLAS ST

E REYNOLDS A

E PURL ST

E MADISON ST

ROCK RUN

WASHINGTON

CHICAGO LINE

007

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

.13

.03

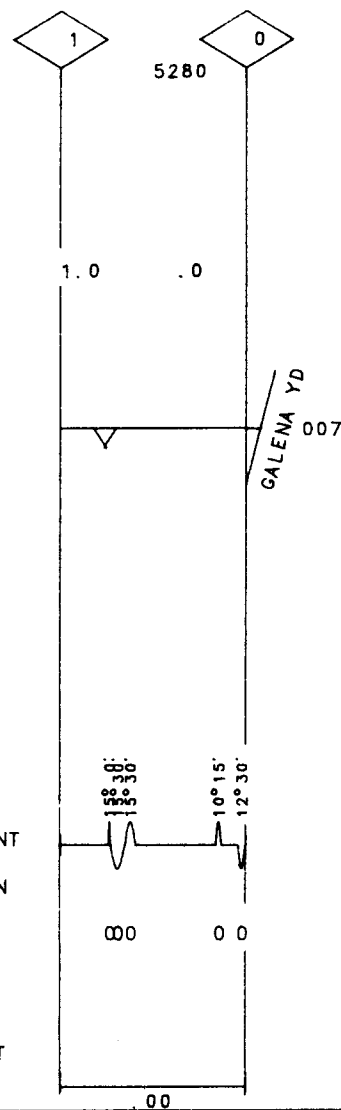
.07

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

007

VALUATION
TOWNV7315
TOLEDO

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

GRINDING					
SURFACING	87		73		
TIES	87		70		
UNDERCUTTING					
RAIL	30-42		30-44		
BAL. CLEAN					
TONNAGE (MGT)			1.0		
T T SPEED	25		5		
UG. CABLE					

007

VALUATION
TOWN

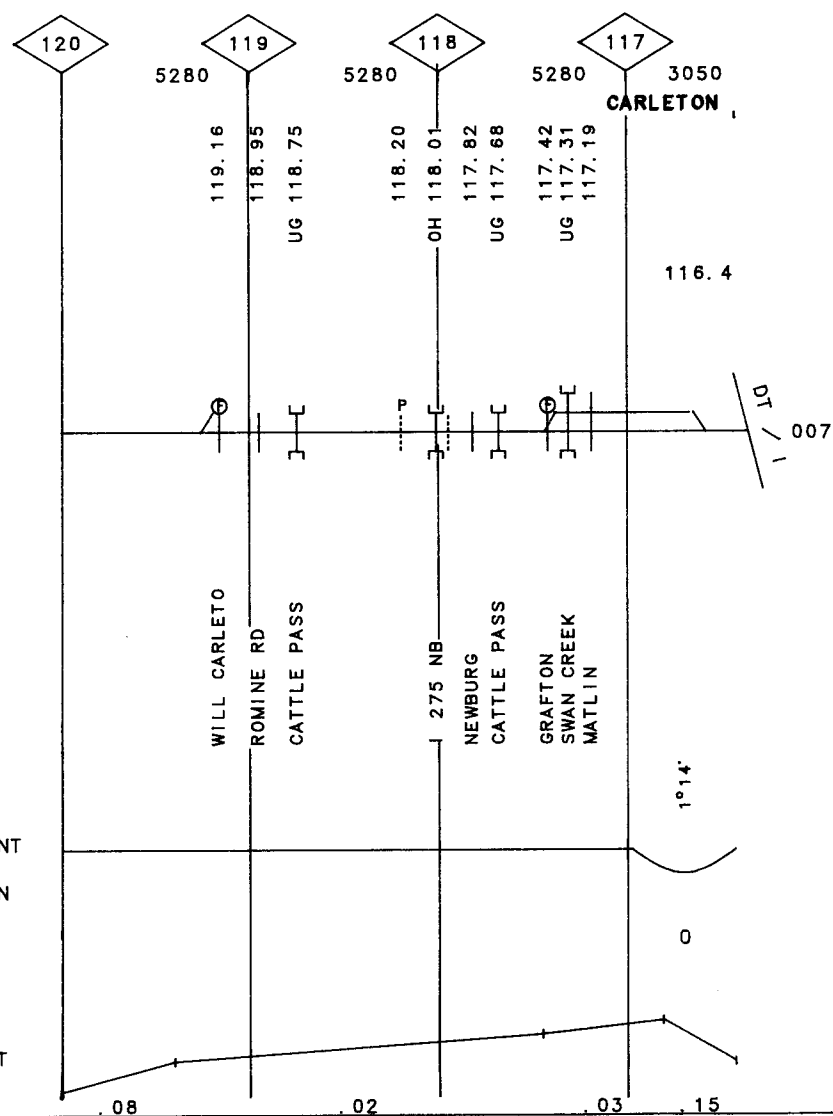
ASH

V7321

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

VERT. ALIGNMENT
GRADE



67
MI

MP 116.40-MP 120.00

REV. 01/01/88

36-5232 LINCOLN SEC.

GRINDING	
SURFACING	80F
TIES	80
UNDERCUTTING	
RAIL	31-45
BAL. CLEAN	
TONNAGE (MGT)	1.0
T. T. SPEED	25
UG. CABLE	

007

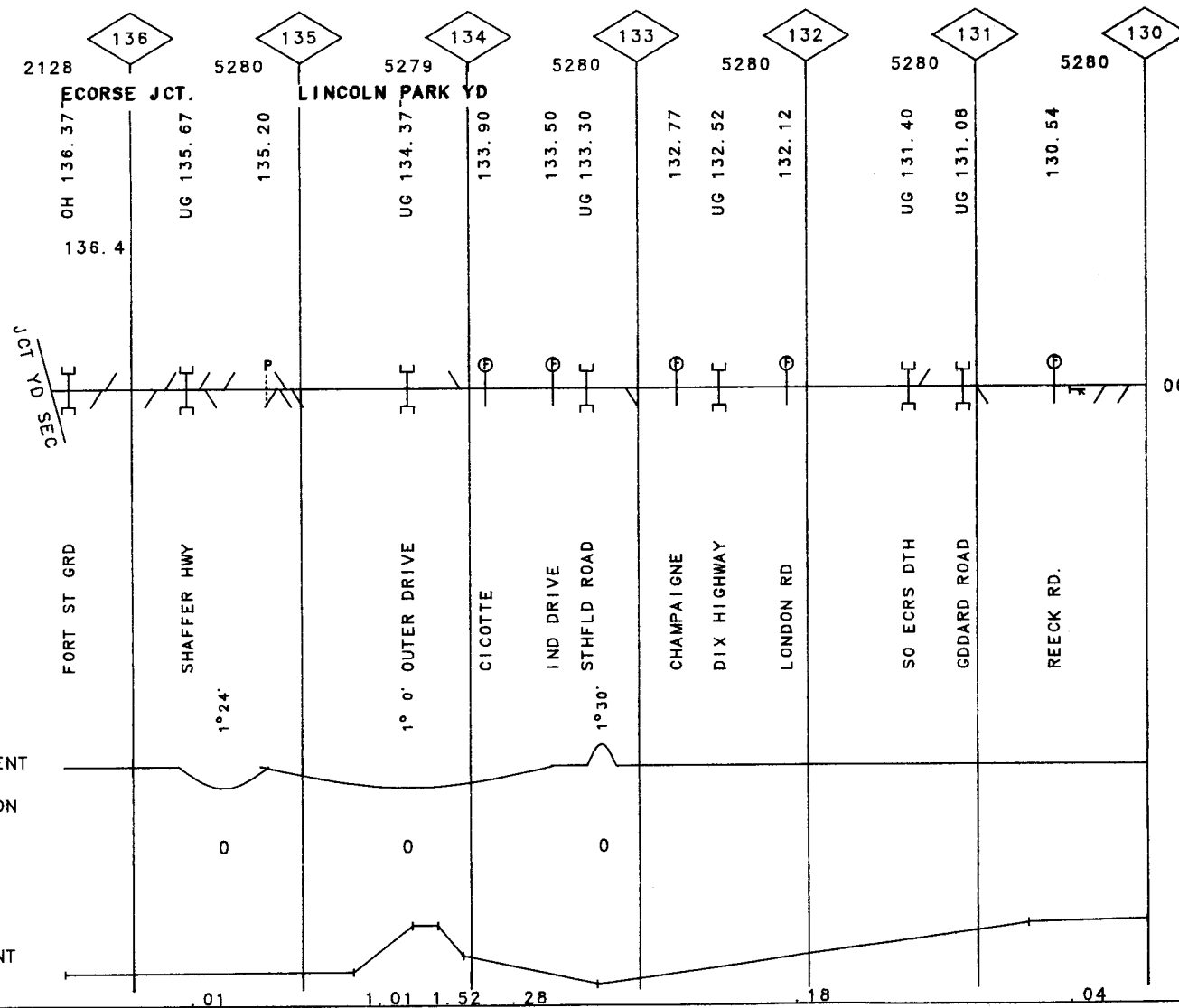
VALUATION
TOWN

ECORSE

LINCOLN PARK

V7322 | V7321

FACILITY



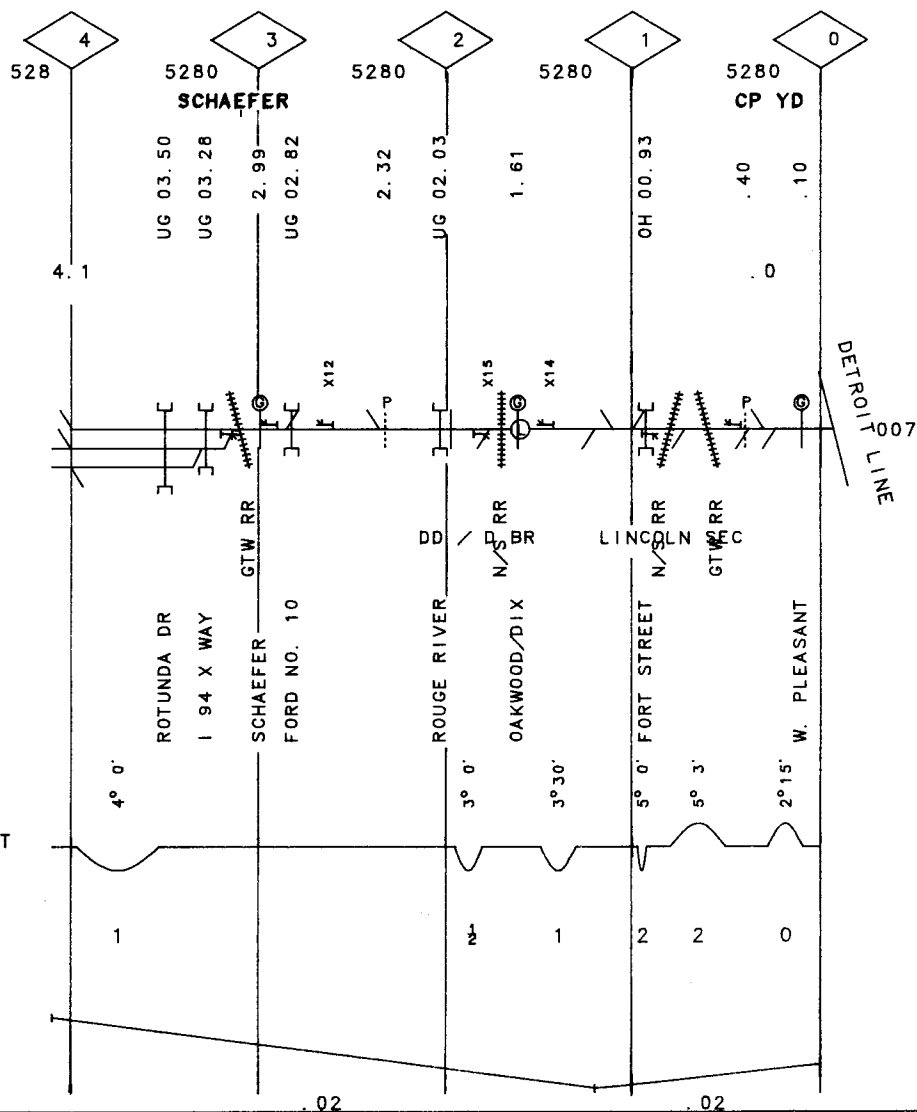
VALUATION
TOWN

FACILITY

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

GRINDING	84			
SURFACING	87			
TIES	79			
UNDERCUTTING				
RAIL	27F72	105F72	V 27F72	27F72
BAL CLEAN		81		
TONNAGE (MGT)		1.8		
T SPEED	30		30	15
UG. CABLE		20		

007



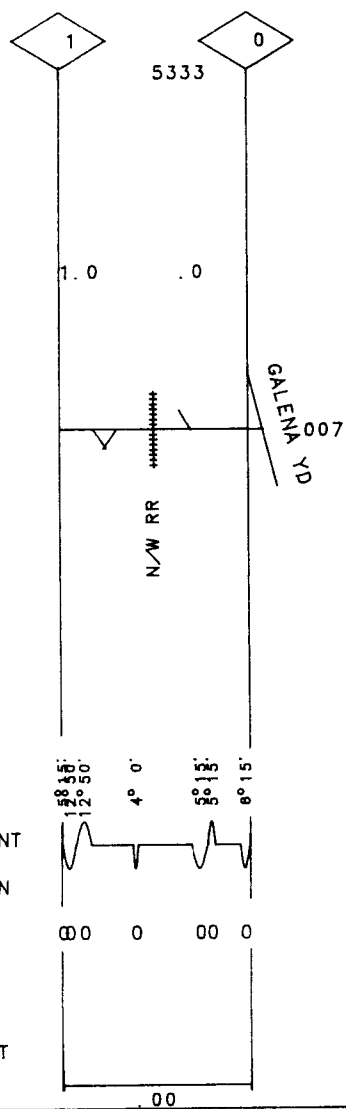
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
RAIL CLEAN	
TONNAGE (MGT)	
SPEED	10
UG. CABLE	

007

VALUATION
TOWN

V7315
TOLEDO

FACILITY



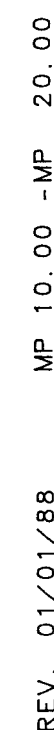
71
OH

MP 1.00 -MP

MP .00

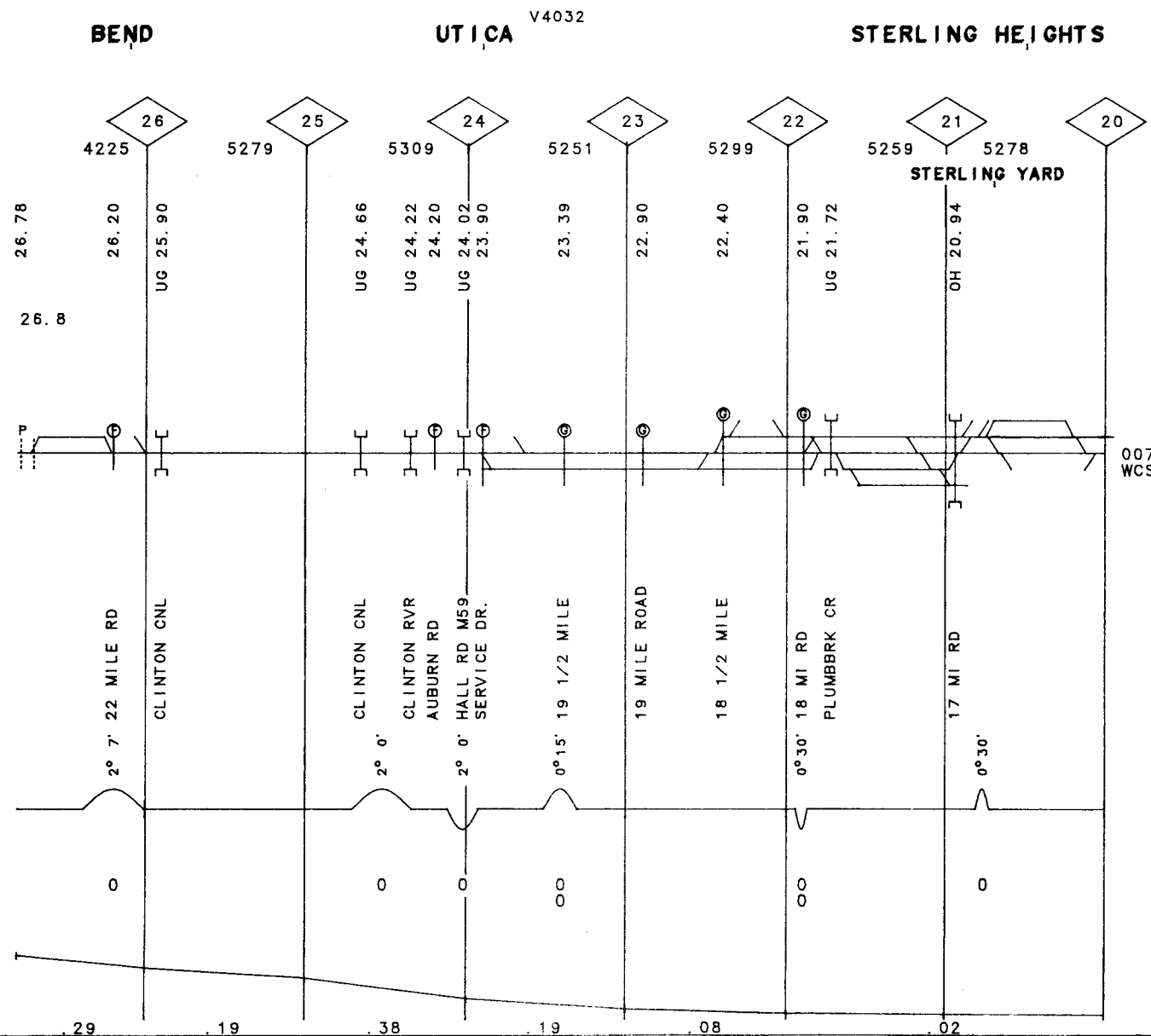
REV. 01/01/88

36-3648 RIVER IND. TK.

73
Σ

GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL CLEAN	
TONNAGE (MGT)	0.1
T T SPEED	10
UG CABLE	

WCS



GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	007
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	10
UG. CABLE	

VALUATION
TOWN

V4060
DETROIT

FACILITY

1056

.0.2

GTW RR
STERLING SEC
007

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE .00

GRINDING	007	001
SURFACING	79T	79T
TIES	77	77
UNDERCUTTING		
RAIL	31F78	31F78
BAL. CLEAN		
TONNAGE(MGT)		
T Y SPEED	10	10
UG. CABLE		

001

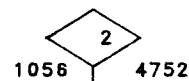
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE(MGT)	
T Y SPEED	10
UG. CABLE	

002

VALUATION
TOWN

V4060
PALMER YARD

FACILITY



2.11
2.2
1.77
1.67
UG 01.36
1.27
1.1



001
002

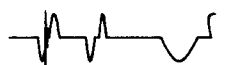
BELT EXT

THEODORE
PALMER
E GRAND BLVD
194 X WAY
HARPER

DEG OF CURVE

8°30'
8°30'
1°30'
1°0'

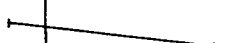
HORIZ. ALIGNMENT



SUPER ELEVATION

00 00 0 0

VERT. ALIGNMENT



GRADE

.02

GRINDING		
SURFACING	78P	
TIES		
UNDERCUTTING		
RAIL	31F78	001
BAL. CLEAN		
TONNAGE (MGT)		
T T SPEED	10	
UG. CABLE		

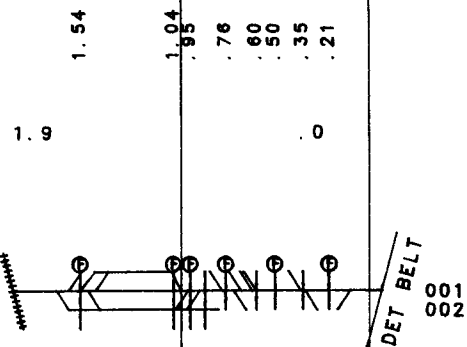
GRINDING		
SURFACING		
TIES		
UNDERCUTTING		
RAIL		
BAL. CLEAN		
TONNAGE (MGT)		
T T SPEED	10	
UG. CABLE		

VALUATION
TOWN

V4060
DETROIT

FACILITY

4752 1 5280 0
HUBER YARD



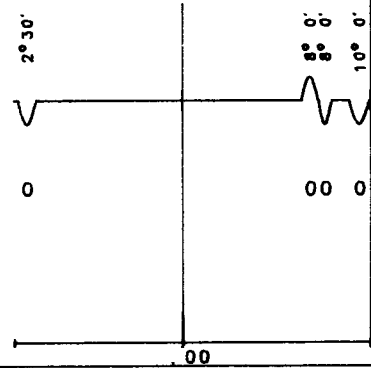
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



78

MI

.80

-MP

MP

.00

REV. 01/01/88

36-5250 DELTA SPUR I.T.

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

007

VALUATION
TOWN

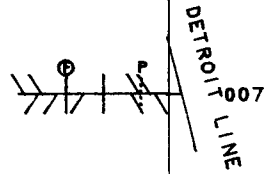
V4081
DETROIT

FACILITY

4224

.55 .35 .15

.8 .0



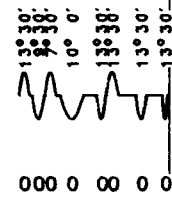
EXPO SPUR

JEFFERSON AV
COPLAND

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION



VERT. ALIGNMENT

GRADE

.00

GRINDING	
SURFACING	85
TIES	74
UNDERCUTTING	
RAIL	31F78
BAL. CLEAN	78L
TONNAGE (MGT)	1.0
T.T. SPEED	10
UG. CABLE	

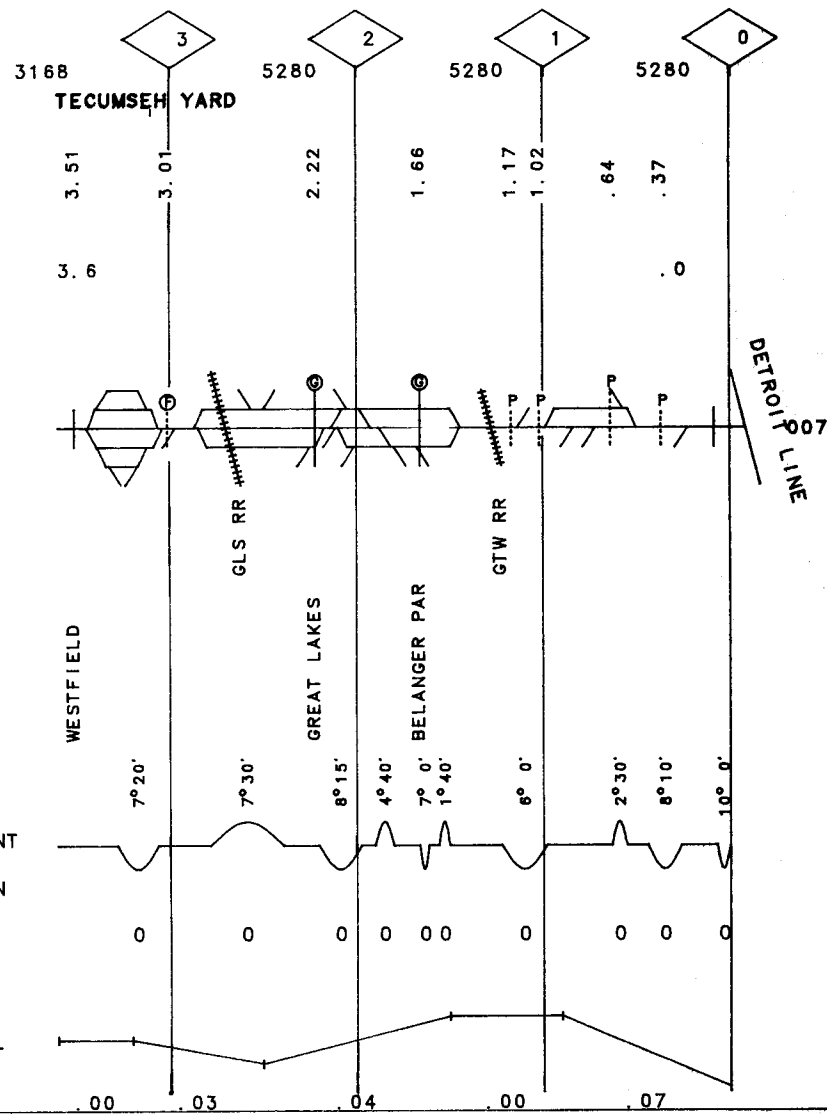
007

VALUATION
TOWN

V4081

DETROIT

FACILITY



VALUATION
TOWN

V4081

DETROIT

FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

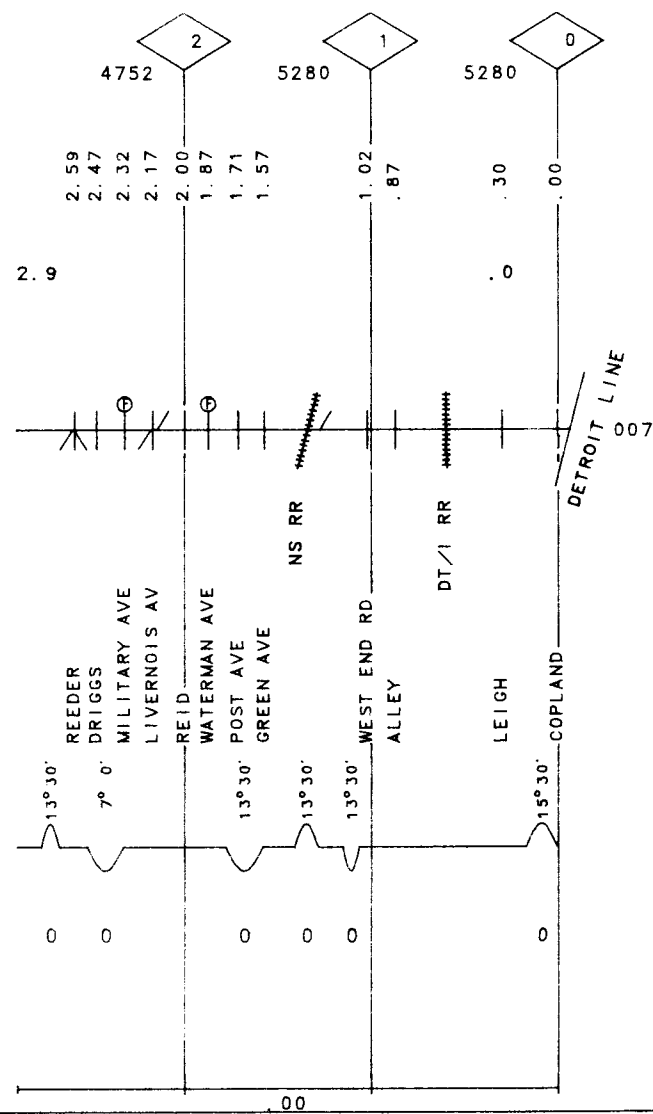
SUPER ELEVATION

VERT. ALIGNMENT

GRADE

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

007



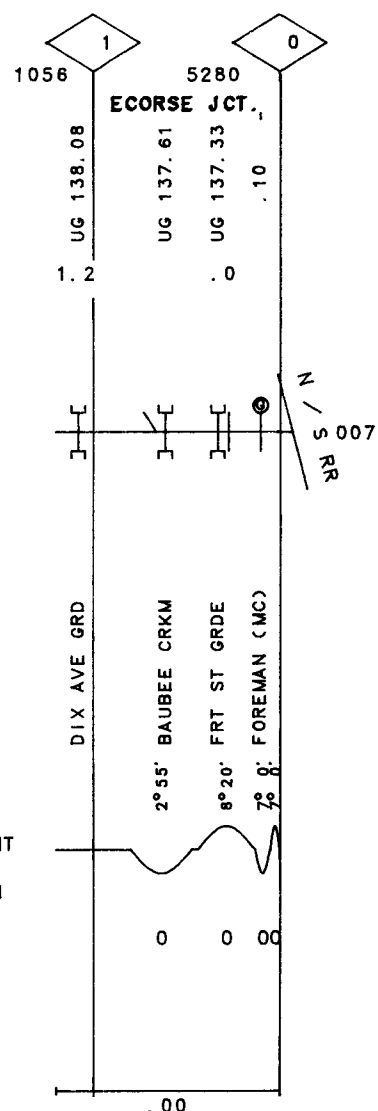
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	00
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	10
UG. CABLE	

007

VALUATION
TOWN

V7324
DETROIT

FACILITY



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

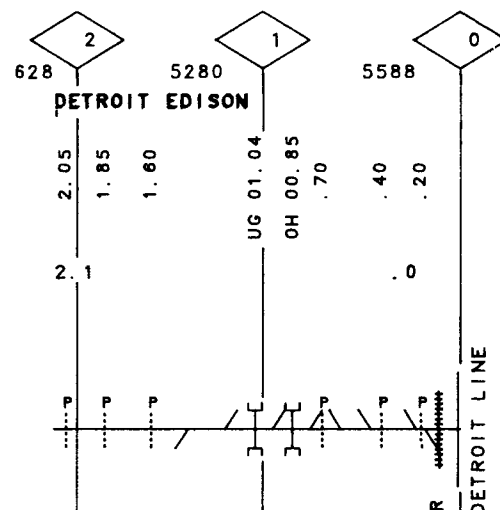
007

VALUATION
TOWN

V2330

MONROE

FACILITY



007

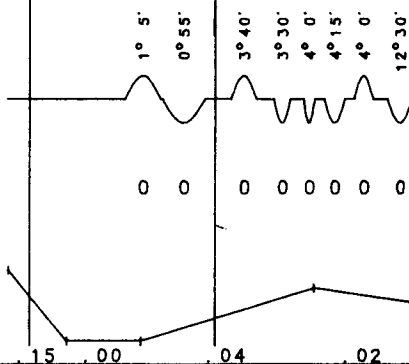
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



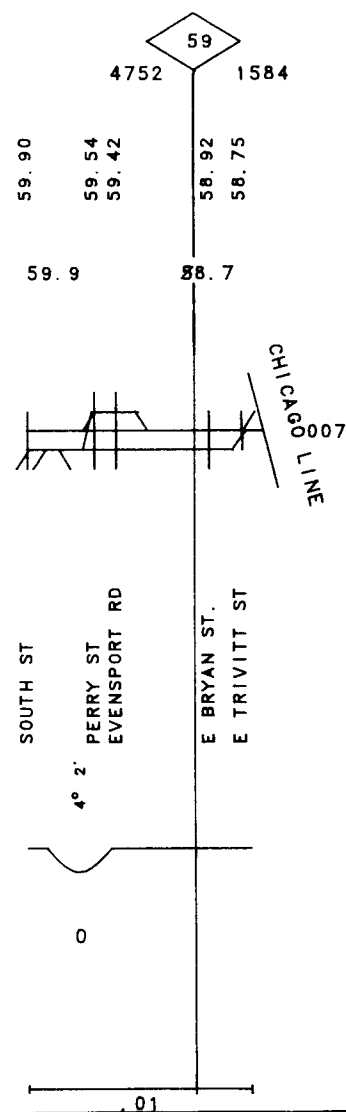
GRINDING	
SURFACING	158J
TIES	
UNDERCUTTING	
RAIL	90-27F
BAL. CLEAN	
TONNAGE (MGT)	
T. SPEED	10
UG. CABLE	

007

VALUATION
TOWN

V5510
BRYAN

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

84

MI

-MP -.90

MP .00

REV. 01/01/88

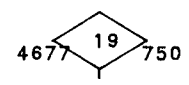
36-5999 TERMINAL EAST I.T.

GRINDING	
SURFACING	86
TIES	805T
UNDERCUTTING	
RAIL	00
BAL CLEAN	
TONNAGE (MGT)	0.1
T T SPEED	20
UG. CABLE	

007

VALUATION
TOWN

V8620



FACILITY



.00

RIVER, YD.

CHRYSLER



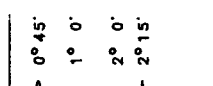
JEFFERSON

007

DEG OF CURVE

HORIZ. ALIGNMENT

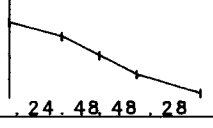
SUPER ELEVATION

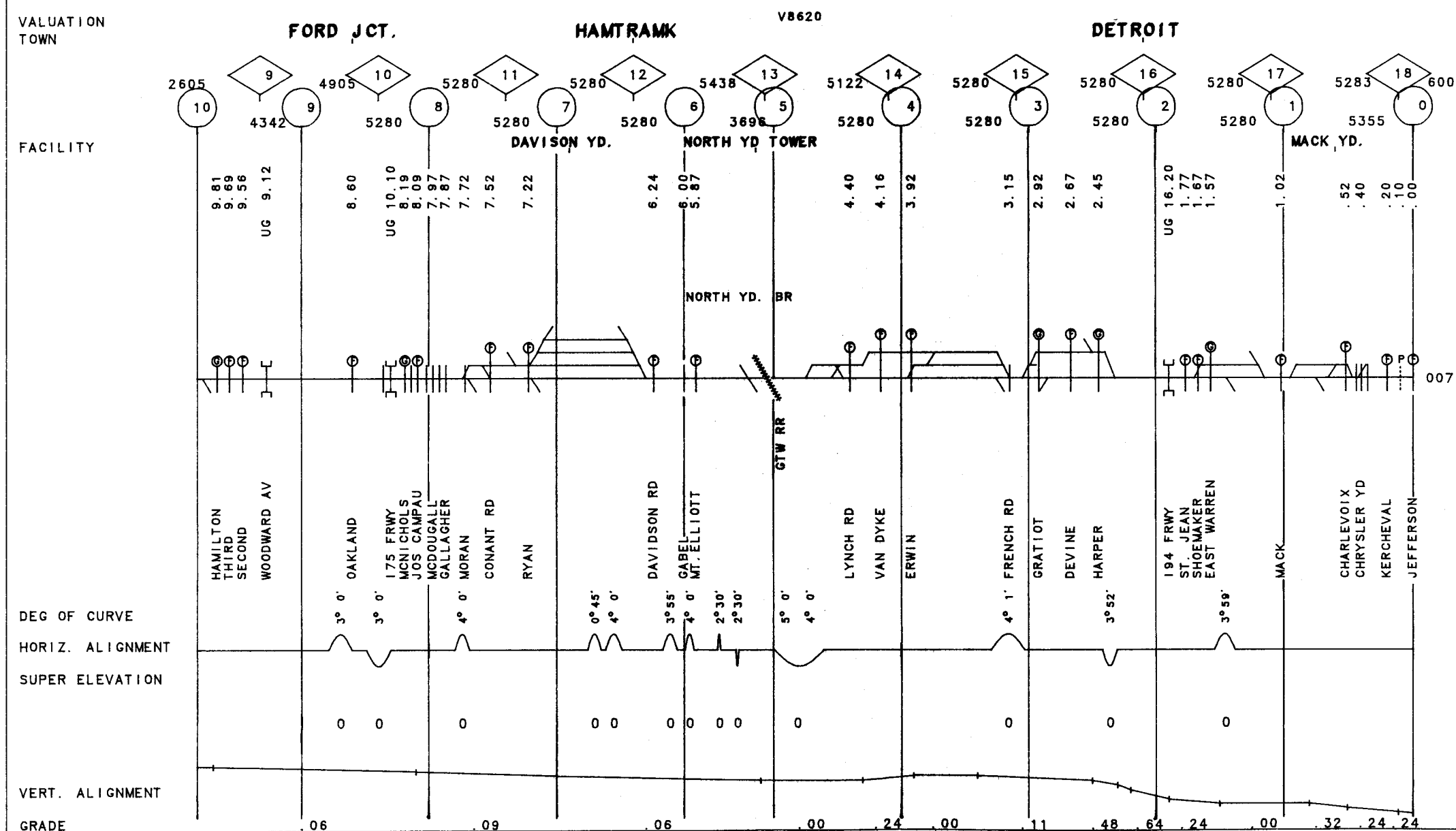


0 0 0 0

VERT. ALIGNMENT

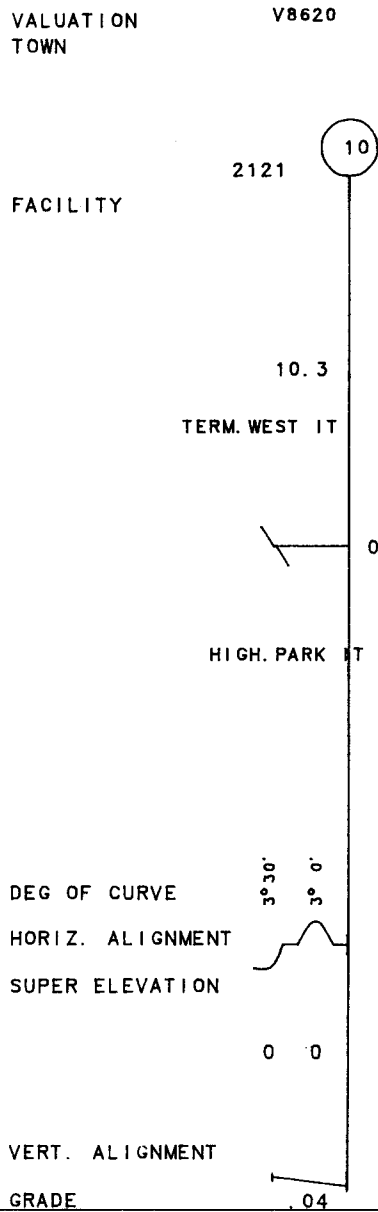
GRADE



[illegible]

GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MG)	
T T SPEED	20
UG. CABLE	

007



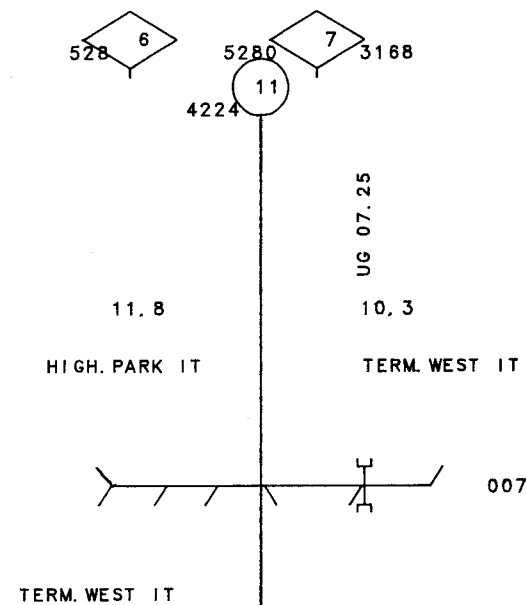
GRINDING	
SURFACING	82
TIES	77
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	0.1
T.Y. SPEED	10
UG. CABLE	

007

VALUATION
TOWN

V7325
HIGHLAND PARK

FACILITY



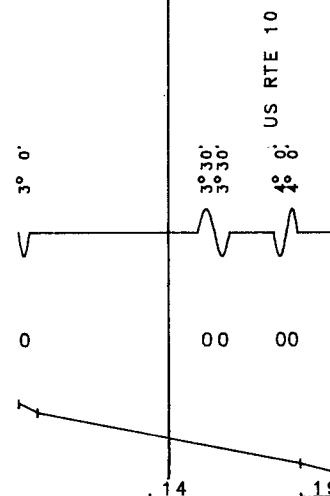
DEG OF CURVE

HOPIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



GRINDING	
SURFACING	87
TIES	87
UNDERCUTTING	87
RAIL	00
BAL CLEAN	
TONNAGE(MGT)	0.1
T T SPEED	20
UG. CABLE	

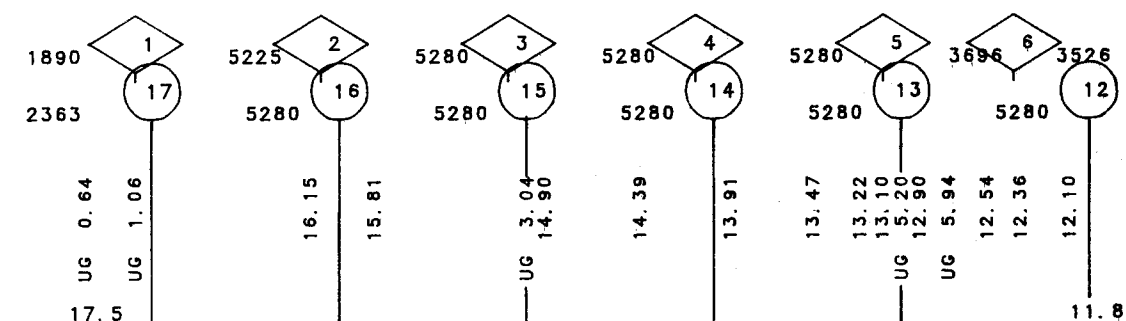
007

VALUATION
TOWN

DETROIT

V8620

FACILITY



HIGH. PARK IT

007

TERM. WEST IT

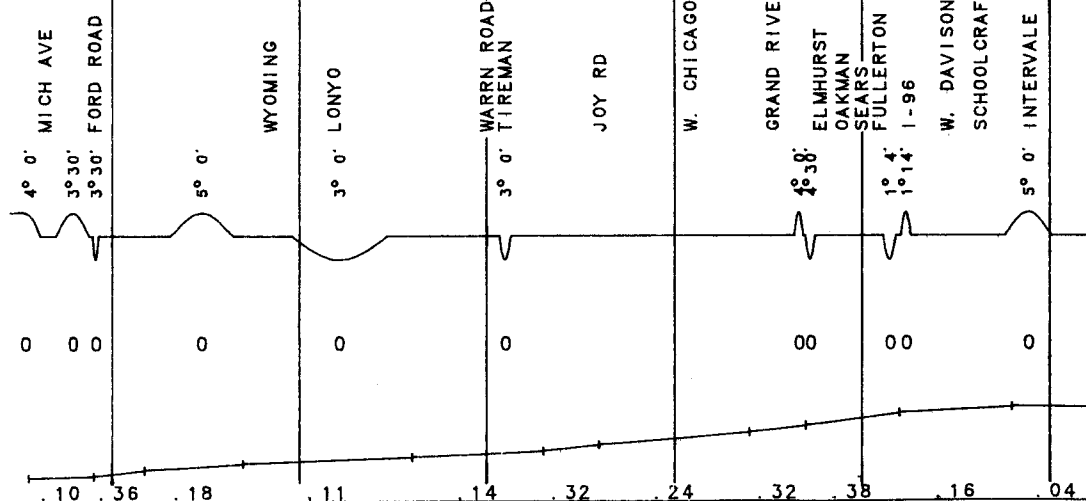
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



GRINDING	
SURFACING	82
TIES	77
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGY)	0.1
T Y SPEED	10
UG. CABLE	

007

VALUATION
TOWN

V7325

DEARBORN

FACILITY

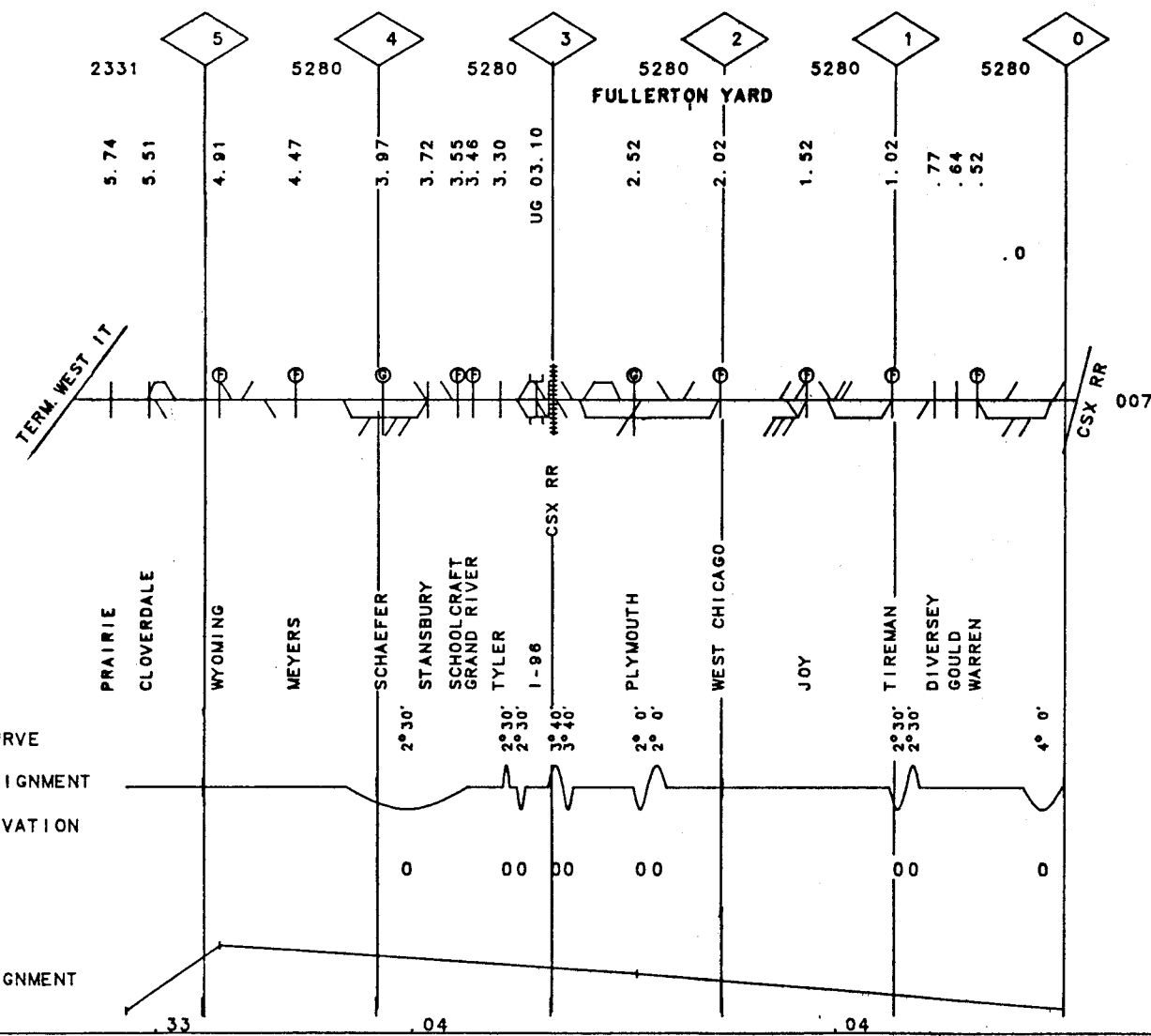
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE



GRINDING					
SURFACING	82	79	86	82	88
TIES		79			
UNDERCUTTING					
RAIL			05F35		
BAL CLEAN					
TONNAGE(MGT)		0.2	15	0.3	
T T SPEED					
UG. CABLE	W	E		S	I

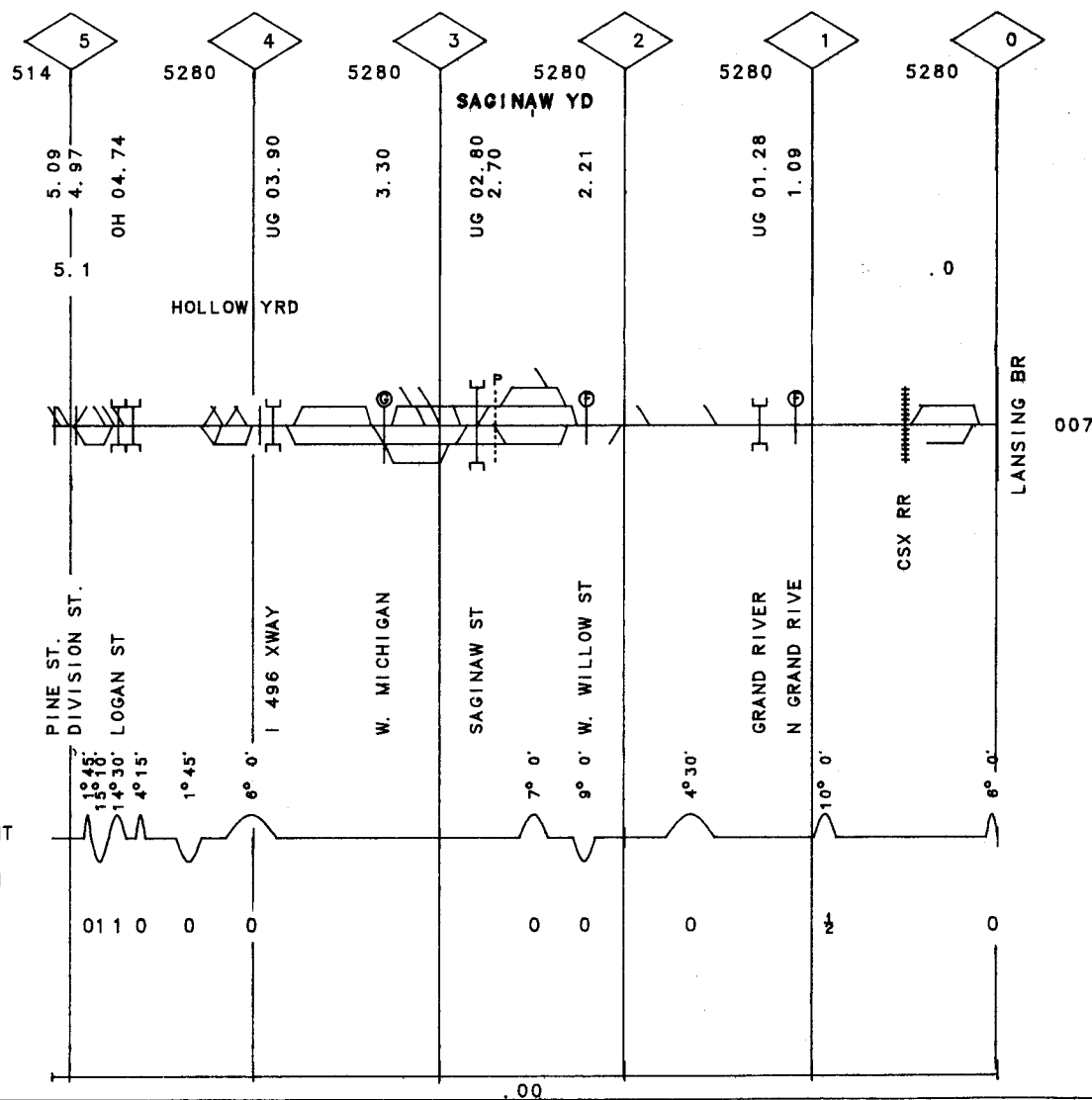
007

VALUATION
TOWN

V4140

LANSING

FACILITY



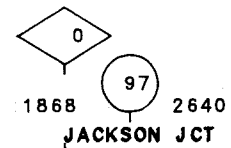
GRINDING	
SURFACING	73E
TIES	173
UNDERCUTTING	
RAIL	27-57
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	10
UG. CABLE	

007

VALUATION
TOWN

V2390

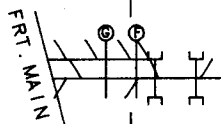
FACILITY



97.15
96.97
96.73
UG OH

97.4 96.5

NORTHERN I T



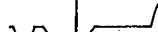
007

ELM ST.
BRIDGE ST.
GRAND RVR
AIRLINE DR

DEG OF CURVE

3° 38' 4° 0' 3° 0'

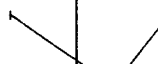
HORIZ. ALIGNMENT



SUPER ELEVATION

0 0 0

VERT. ALIGNMENT



GRADE

21 38

36-5337 LANSING SEC

[illegible]

007

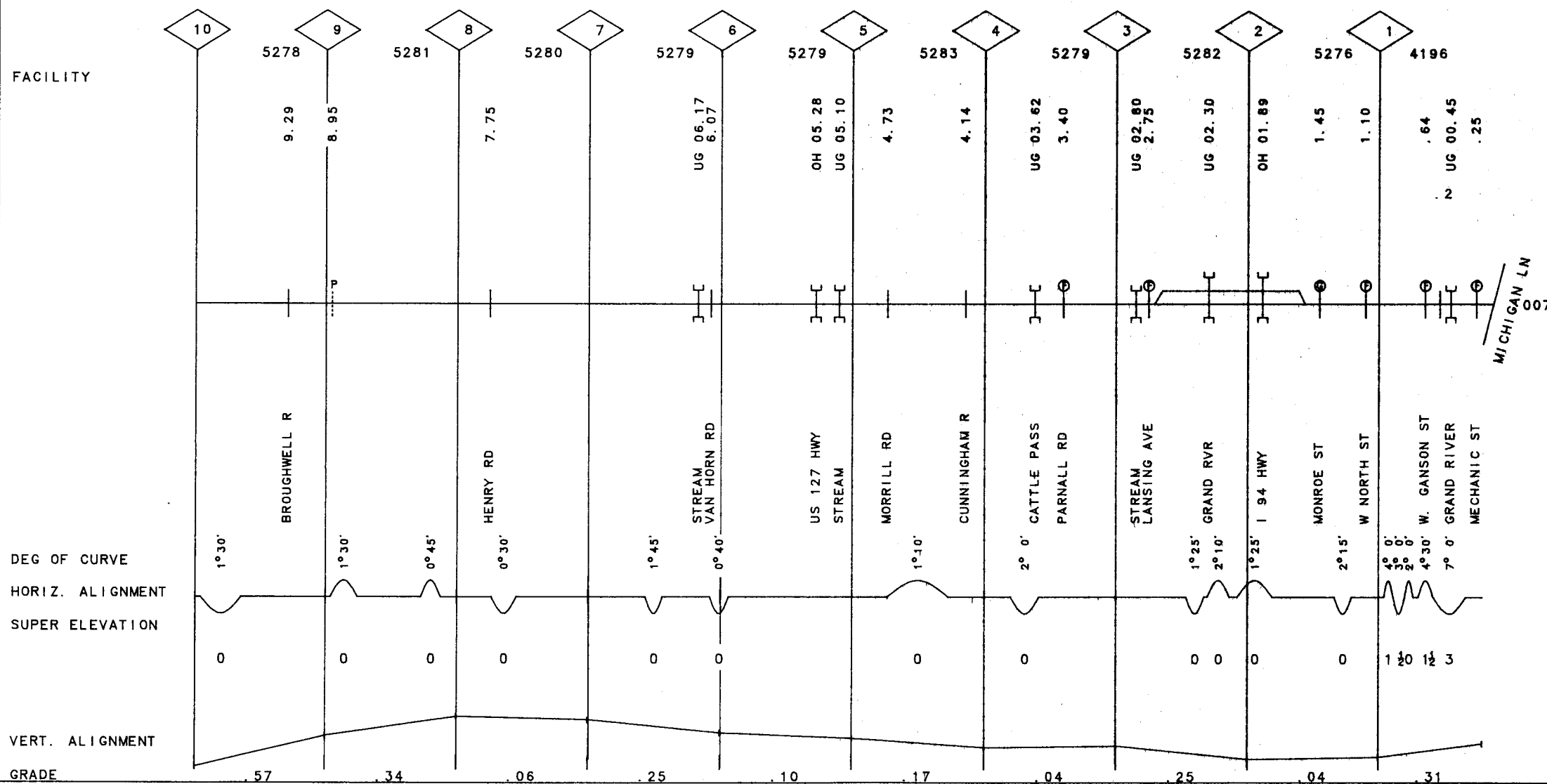
VALUATION
TOWN

VAN HORNS

V4122

JACKSON

FACILITY



007

[illegible]

007

VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

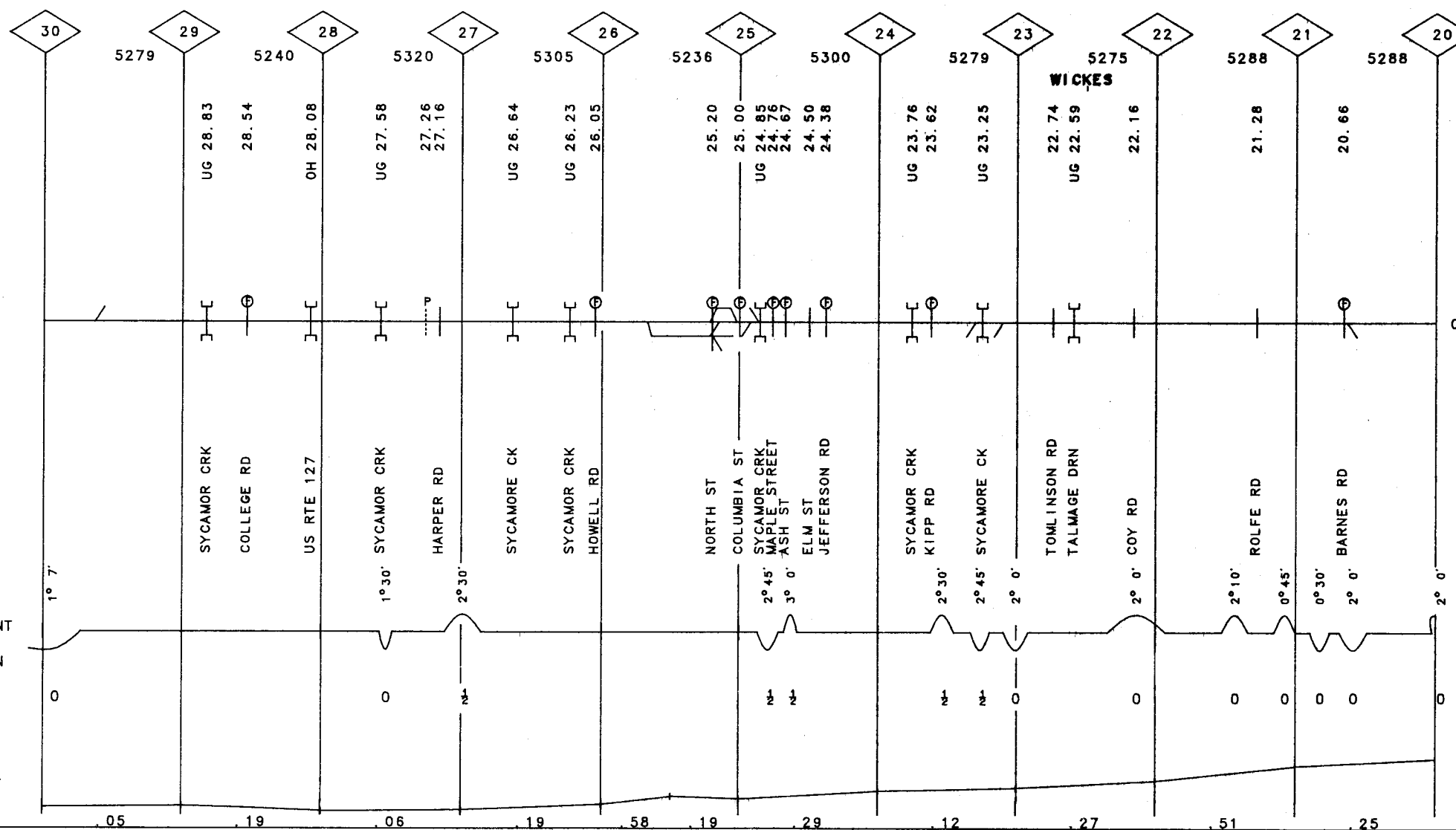
VERT. ALIGNMENT

GRADE

V4122
MASON

EDEN

0.07



GRINDING	
SURFACING	791
TIES	79
UNDERCUTTING	
RAIL	
BAL. CLEAN	82
TONNAGE (MGT)	0.6
T.T. SPEED	15
UG. CABLE	W

001

95
MI

0071	002	002	007						
GRINDING									
SURFACING									
TIES									
UNDERCUTTING									
RAIL	05-29	05-60	05-27	105-54	27F69			05-27	
BAL. CLEAN		82							
TONNAGE (MGT)	1.3	0.7							
T.T. SPEED	10	15							
UG. CABLE		E	E	E	W				

007

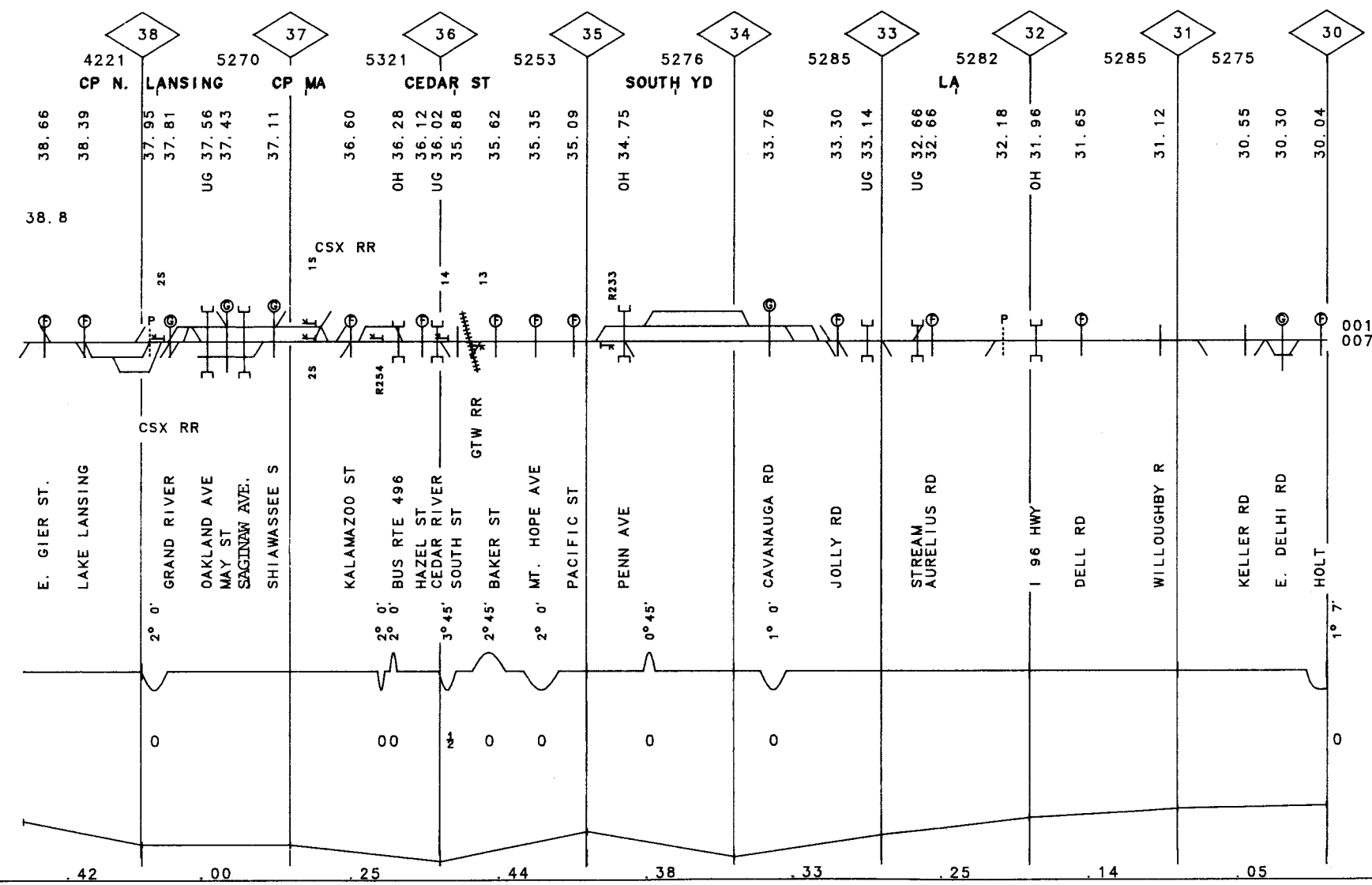
VALUATION
TOWN

LANSING

V4122

HOLT

FACILITY



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

REV. 01/01/88

36-5337
LANSING SEC
LANSING BR.
MEADOWS I.T.

30.00
MP
36.90 -MP
37.90
38.80

GRINDING		
SURFACING		82
TIES		82
UNDERCUTTING		
RAIL	80-18	80-19
BAL CLEAN		
TONNAGE (MGT)		0.5
T T SPEED		10
UG. CABLE		

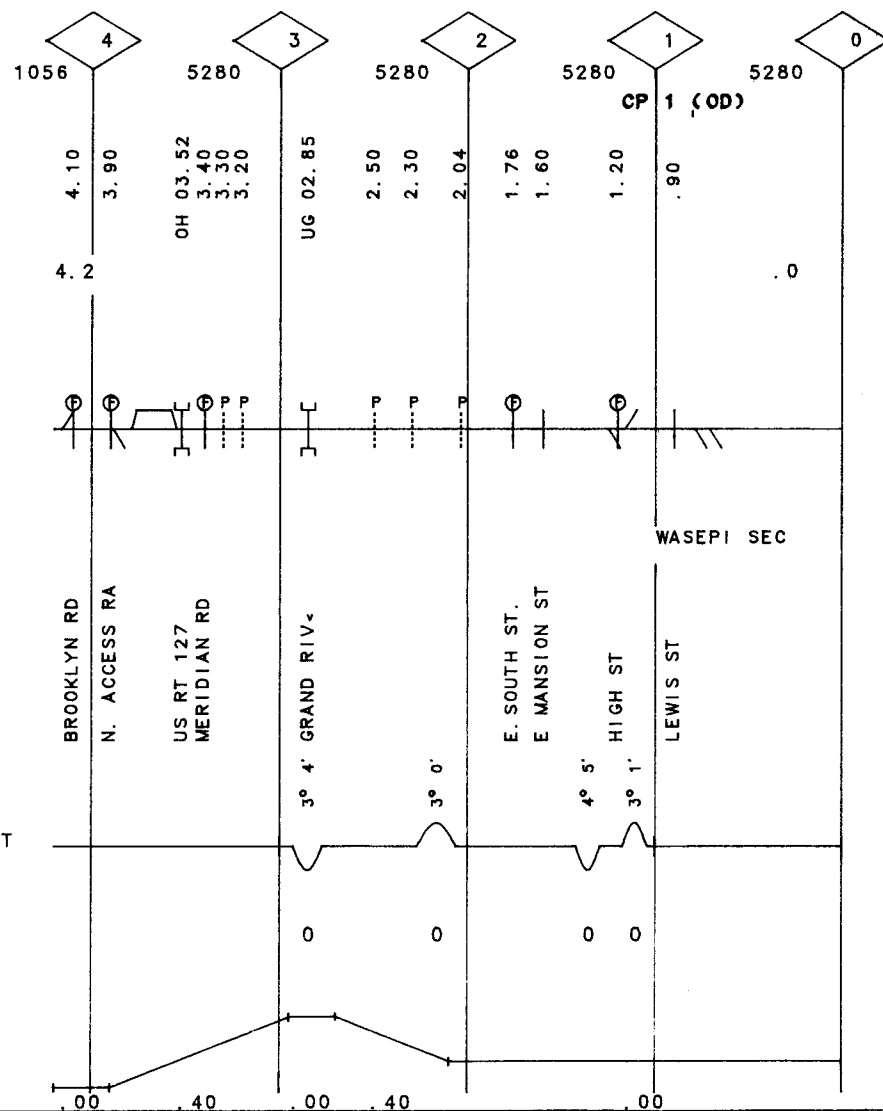
007

VALUATION
TOWN

V5520

JACKSON

FACILITY



007

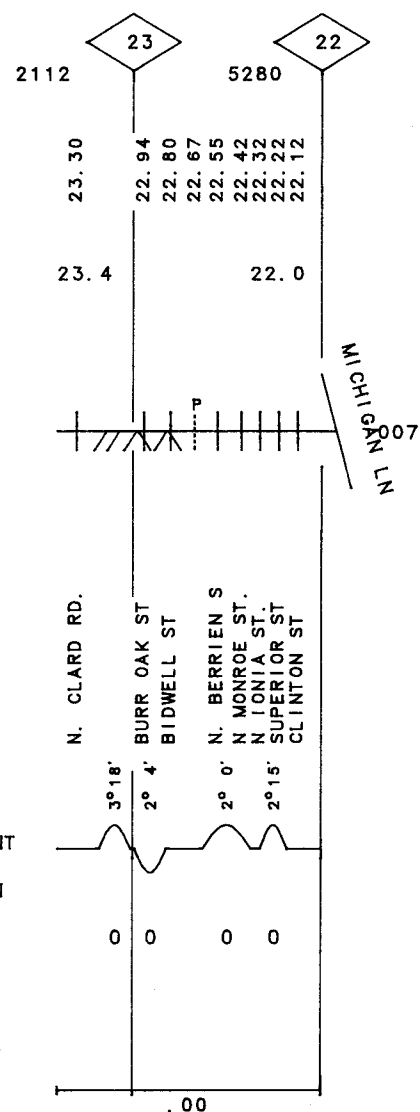
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	1.0
T. T. SPEED	10
UG. CABLE	

007

VALUATION
TOWN

V2410
ALBION

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

VERT. ALIGNMENT

GRADE

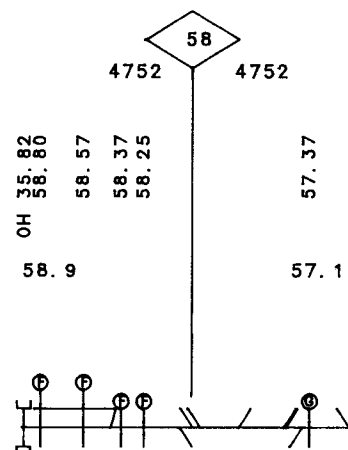
GRINDING	
SURFACING	
TIES	86
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	1.0
T T SPEED	10
UG. CABLE	

007

VALUATION
TOWN

V2410
CEDAR RIVER

FACILITY



007

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

0

VERT. ALIGNMENT

GRADE

.00

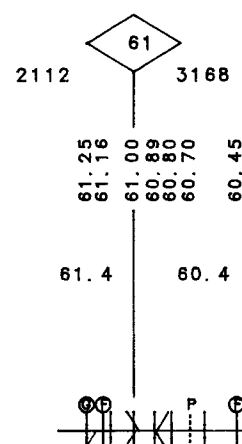
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	1.0
T. T. SPEED	10
UG. CABLE	

007

VALUATION
TOWN

V2410
NORTH LANSING

FACILITY



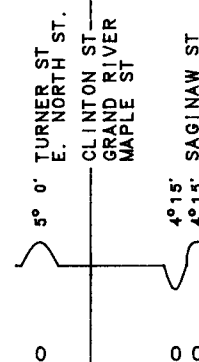
007

LANSING MFGS

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION



VERT. ALIGNMENT

GRADE

