



MAINTENANCE PROGRAM

AND

TRACK CHART

INSPECTION TRIP

JUNE 16, 1984

TOLEDO TO INDIANAPOLIS

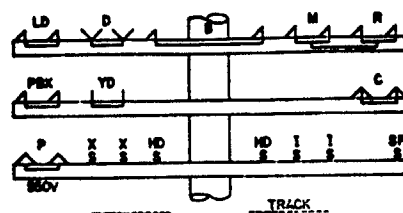
PROGRAM LEGEND
DATE OF WORK PRECEDES CODE (IF KNOWN)

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)
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	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	-----	K
CURVE LUBRICATOR	-----	L
DRAGGING EQUIP DET	-----	+
HOT BOX DET	-----	+
(PT. DIR. TRAFFIC)	-----	+
HOT BOX & DRAG EQUIP (WITHIN 250')	-----	+
TIMETABLE M.P.	-----	1
VALUATION M.P.	-----	1
ENDANGERED PLANT	-----	+
SPECIES	-----	+

POLE LINE DIAGRAM



- 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

- DISPATCHER
- RADIO
- CARRIER
- POWER
- EXT.
- INDICATION
- SPARE
- BLOCK
- MESSAGE
- CODE
- YARD
- CROSSING
- DISTANT

KEY TO LINE CIRCUITS

GRINDING	WPS	0041
SURFACING	79T	80K
TIES	79	79
UNDERCUTTING		
RAIL		40-75
BAL CLEAN		81
TONNAGE (MGT)		28.8
T SPEED	30	30
UG CABLE		

GRINDING		82
SURFACING	81	81
TIES		79
UNDERCUTTING		81
RAIL	40-75	40-75
BAL CLEAN	801	81
TONNAGE (MGT)		20.8
T SPEED	50/50/401	70/60/50
UG CABLE		35/35/35

GRINDING		82
SURFACING	81	79T
TIES		79
UNDERCUTTING		81
RAIL	40-75	40-75
BAL CLEAN	801	81
TONNAGE (MGT)	32.9	27.1
T SPEED	70/60/50	70/60/50
UG CABLE		35/35/35

VALUATION
TOWN

V2040/V2080

BEREA

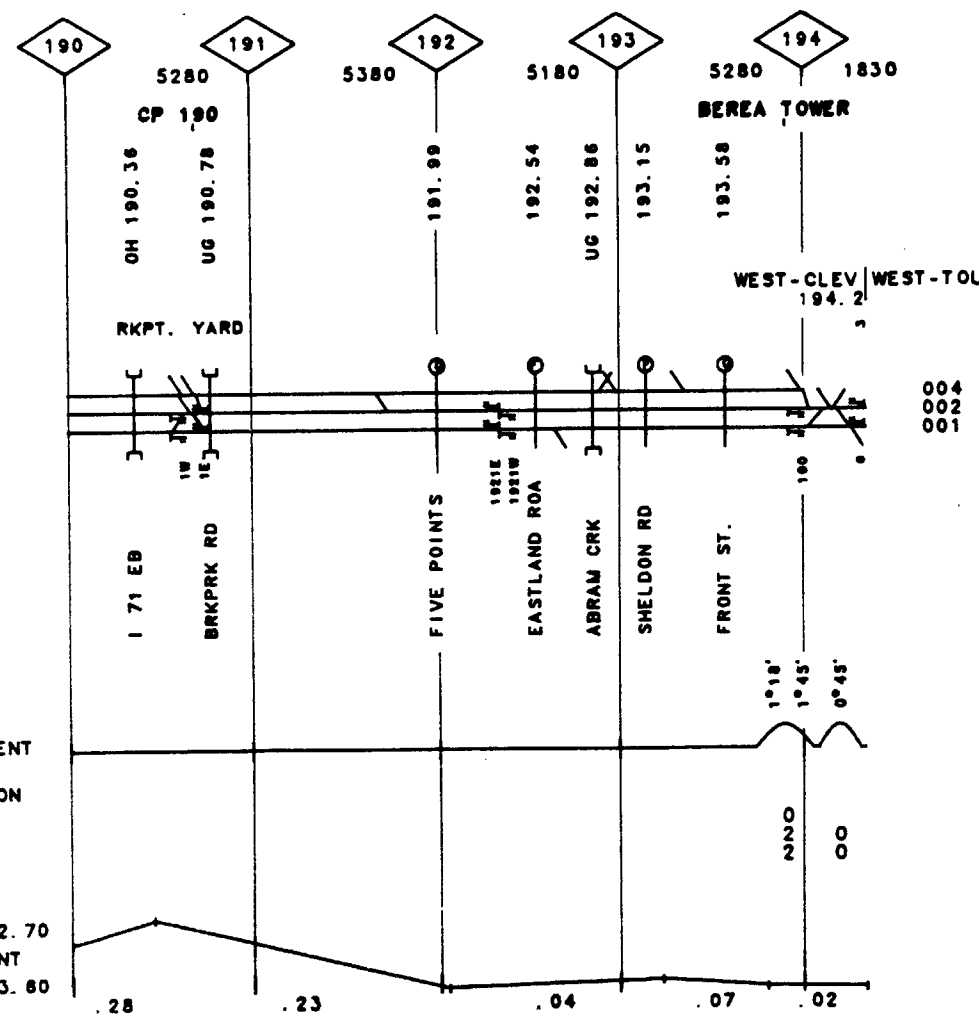
FACILITY

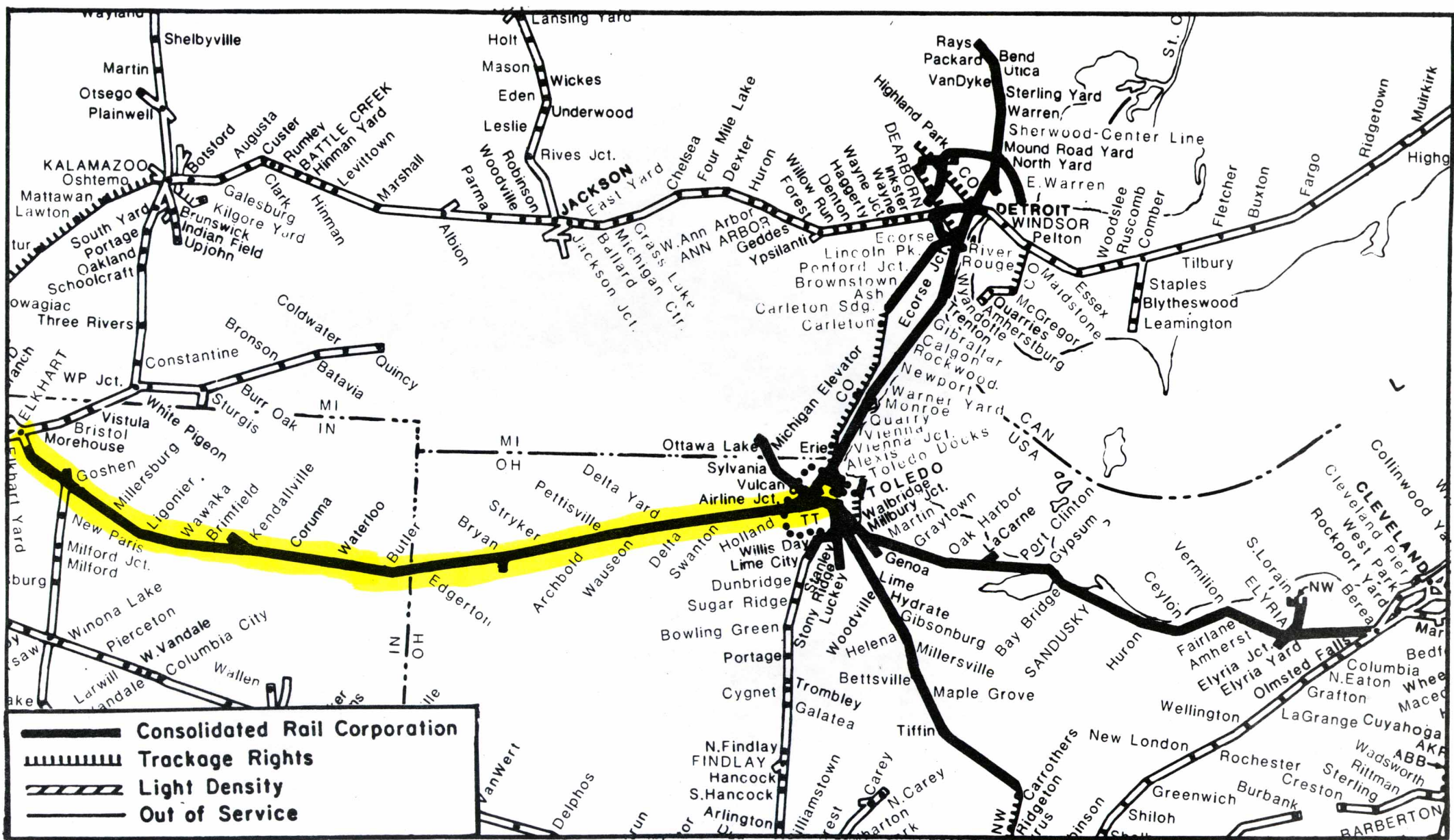
DEC OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 232.70
VERT. ALIGNMENT
MINELEV 213.60
GRADE





1984 CHART MAP TOLEDO DIVISION WESTERN REGION

GRINDING	
SURFACING	43
YES	43
UNDERCUTTING	
RAIL	27-28
BAL. CLEAN	
TONNAGE (MGT)	
Y. SPEED	30
UG. CABLE	

GRINDING										
SURFACING	82	82				83	82		80F	82
TIES	82 78 80F 73 78									
UNDERCUTTING										
RAIL	40-72 V 40-76 V 40-75 V 27F68 V 40-77 V									
BAI CLEAN	83	83				82	82			
TONNAGE(MGT)	46.5	46.4					44.2	57.4	57.0	
TY SPEED	70/70/50					60/60/45		30/30/30		60/60/50
UG CABLE										

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SCS

002

001

VALUATION
TOWN

MILLBURY

V2060 | V2080
VICKERS

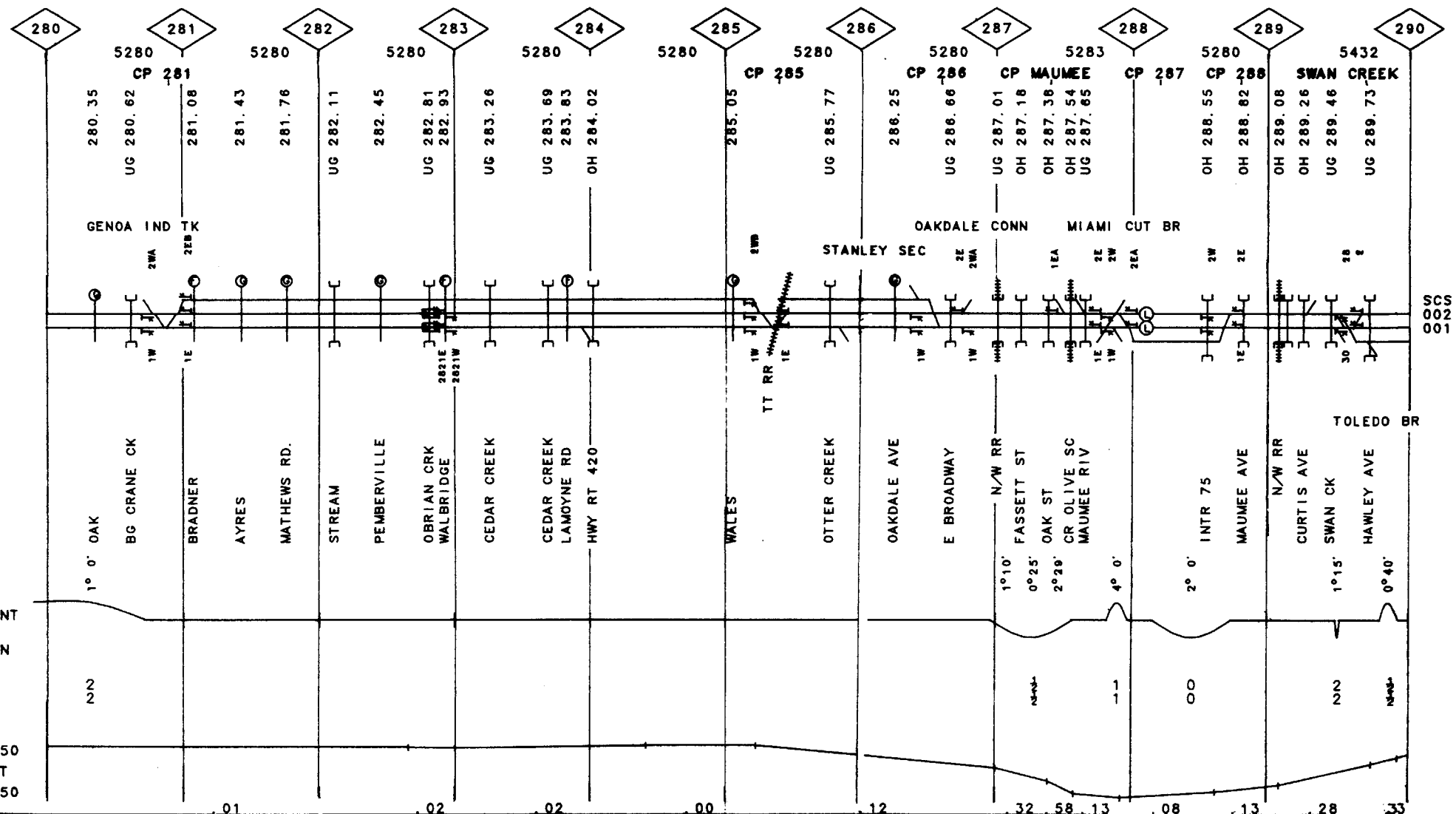
FASSETT

TOLEDO

FACILITY

DEG OF CURVE	HORIZ. ALIGNMENT	SUPER ELEVATION
10	10	10
20	20	20
30	30	30
40	40	40
50	50	50
60	60	60
70	70	70
80	80	80
90	90	90
100	100	100
110	110	110
120	120	120
130	130	130
140	140	140
150	150	150
160	160	160
170	170	170
180	180	180
190	190	190
200	200	200
210	210	210
220	220	220
230	230	230
240	240	240
250	250	250
260	260	260
270	270	270
280	280	280
290	290	290
300	300	300

MAX ELEV 43.50
VERT. ALIGNMENT
MIN ELEV 18.50
GRADE



GRINDING		
SURFACING		
TIES		54
UNDERCUTTING		
RAIL	27-27	27-27M
BAL. CLEAN		
TONNAGE (MGT)		
T SPEED		20
UG. CABLE		

SWANTON

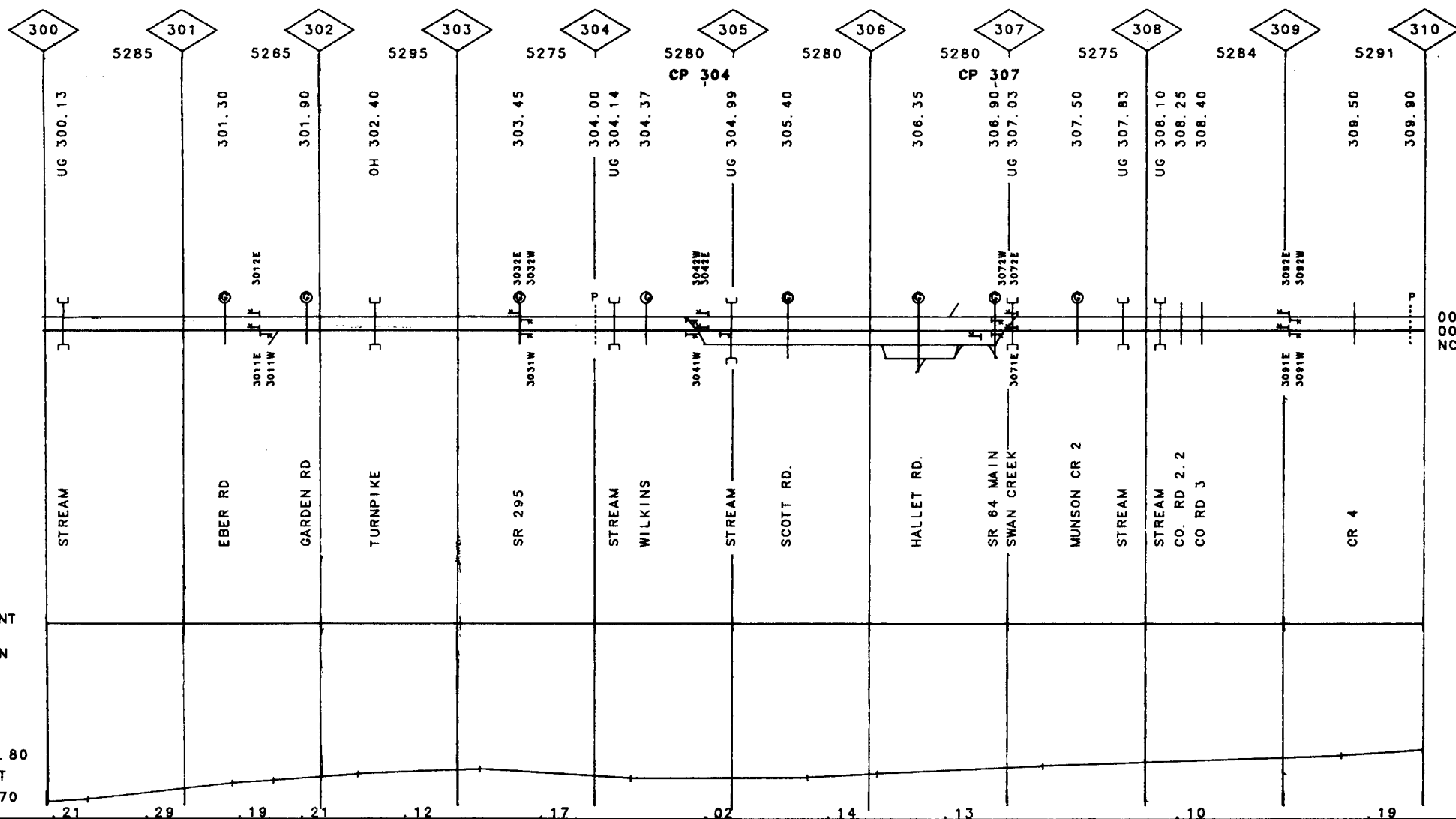
FACILITY

DEG OF CURVE	HORIZ. ALIGNMENT	SUPER ELEVATION
10	10	10
20	20	20
30	30	30
40	40	40
50	50	50
60	60	60
70	70	70
80	80	80
90	90	90
100	100	100
110	110	110
120	120	120
130	130	130
140	140	140
150	150	150
160	160	160
170	170	170
180	180	180
190	190	190
200	200	200
210	210	210
220	220	220
230	230	230
240	240	240
250	250	250
260	260	260
270	270	270
280	280	280
290	290	290
300	300	300

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MAX ELEV      131.80
VERT. ALIGNMENT
MIN ELEV      77.70
GRADE

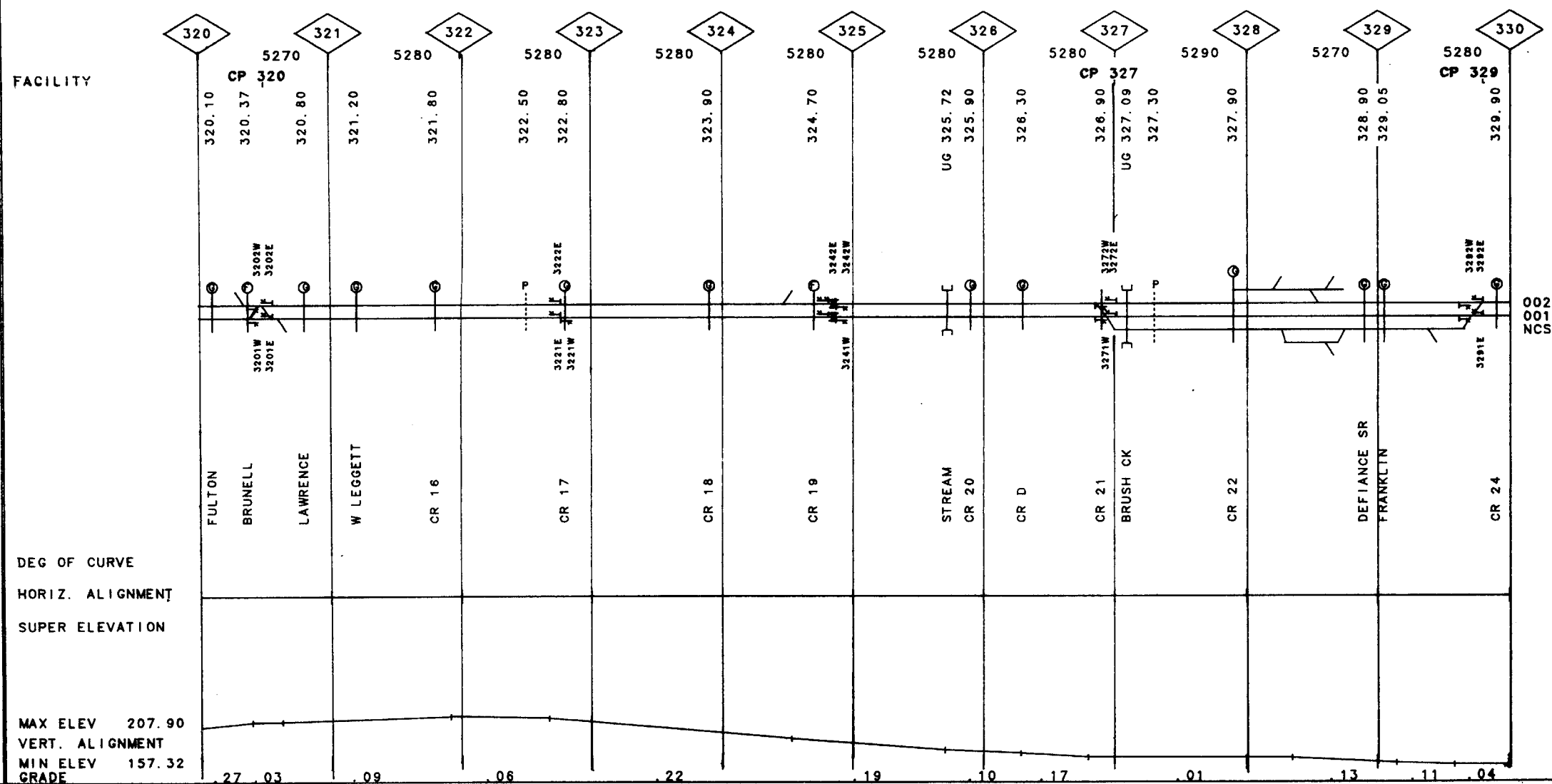
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GRINDING			
SURFACING		785	
FILES		76	
UNDERCUTTING			
RAIL	05-26		27-27M
BALL CLEAN			
TONNAGE (MGT)			
T Y SPEED	20		
UG CABLE			

NCS

ARCHBOLD



GRINDING	76(1)	81	76(1)	
SURFACING		81		
TIES				
UNDERCUTTING	36-6V		40-1V	002
RAIL				
BAL. CLEAN		83		
TONNAGE (MGT)		42.5		
T. SPEED		70/70/50		
UG. CABLE				

GRINDING	76(1)	81	82	82
SURFACING		81		80
TIES				
UNDERCUTTING	36-6V		40-1V	001
RAIL				
BAL. CLEAN		82	81	82
TONNAGE (MGT)		35.8		
T. SPEED		70/70/50		
UG. CABLE				

VALUATION
TOWN

V2100
STRYKER

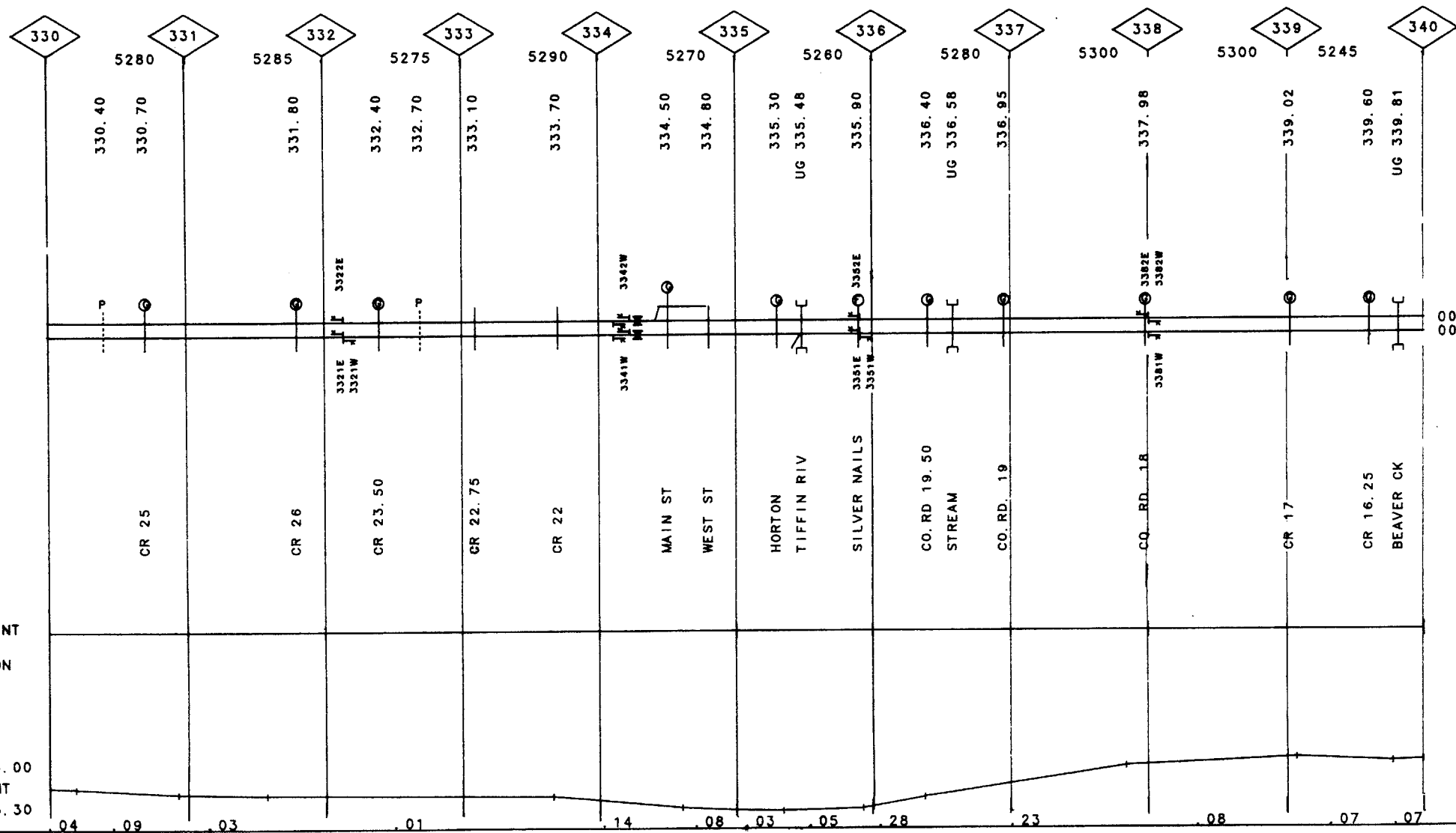
FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 174.00
VERT. ALIGNMENT
MIN ELEV 143.30
GRADE



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

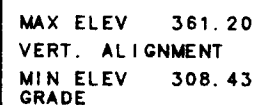
002

GRINDING	82	81	81	82	81
SURFACING					
TIES	80	81	81		79
UNDERCUTTING					
RAIL					
BAL. CLEAN		40-71		40-75	
TONNAGE(MGT)	35.8			35.7	
T T SPEED				70/70/50	
UG. CABLE					

001

001

MEL BERN



[illegible]VALUATION
TOWN

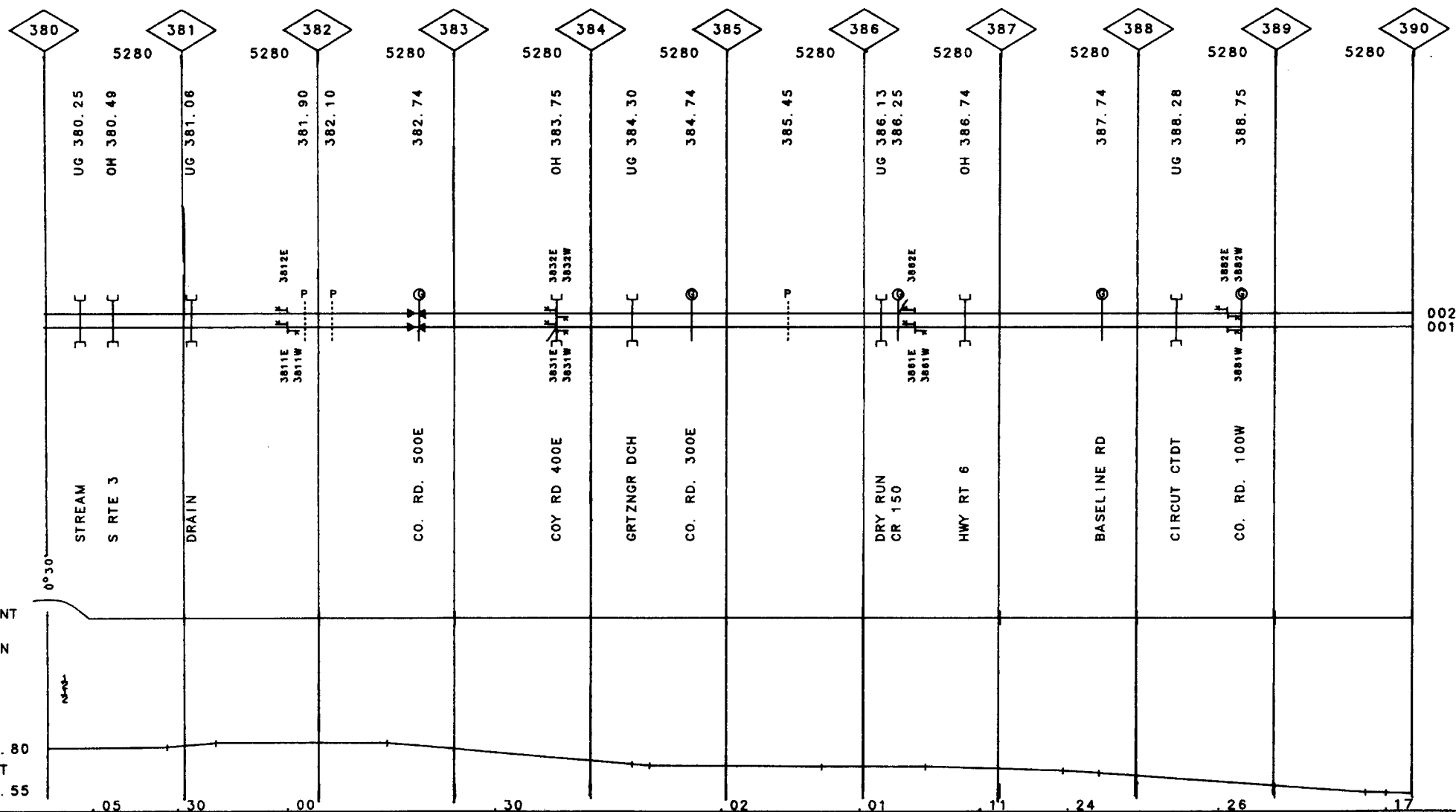
V2110

BRIMFIELD

FACILITY

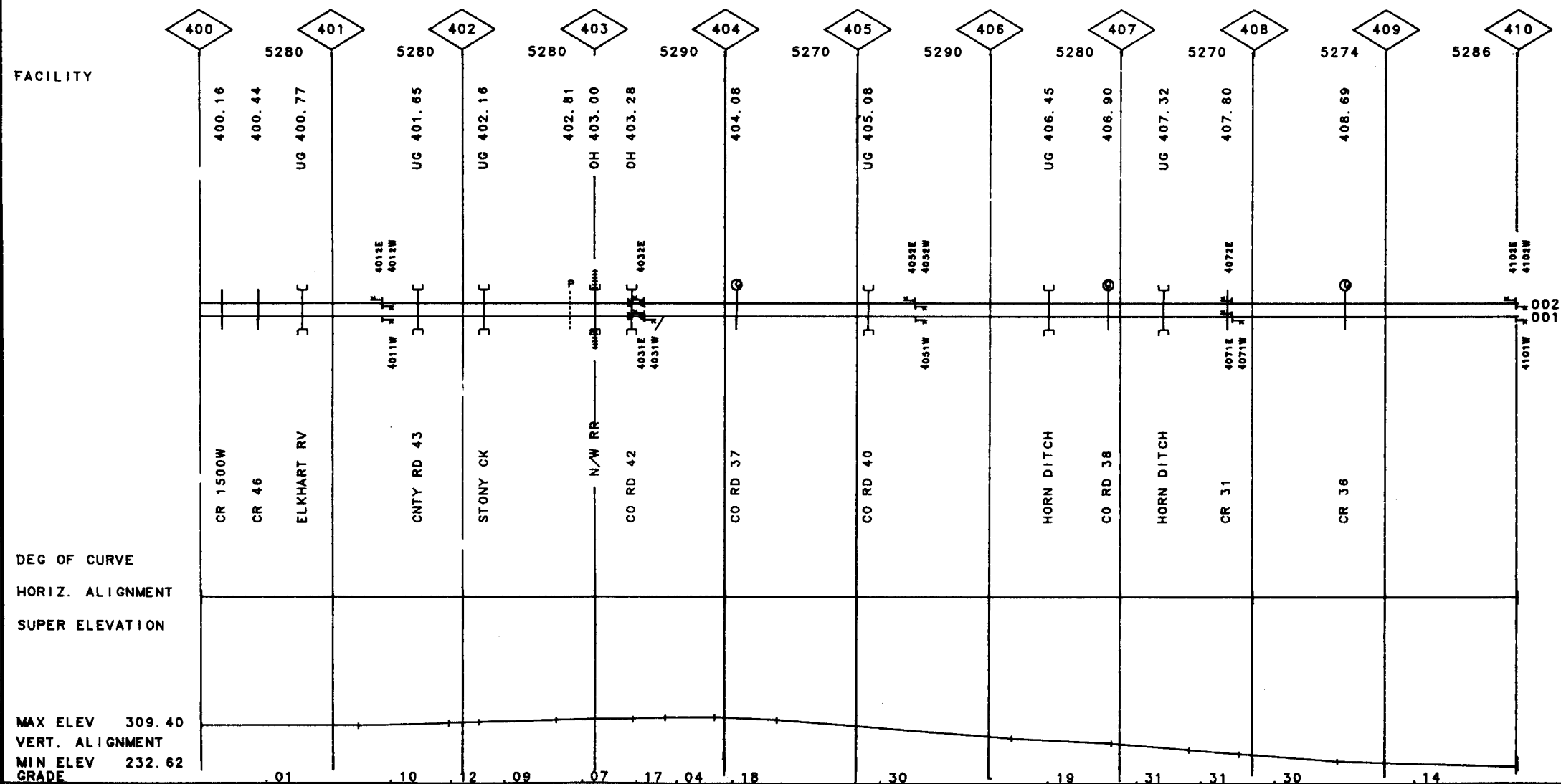
DEG OF CURVE	
HORIZ. ALIGNMENT	
SUPER ELEVATION	

MAX ELEV	411.80
VERT. ALIGNMENT	
MIN ELEV	341.55
GRADE	

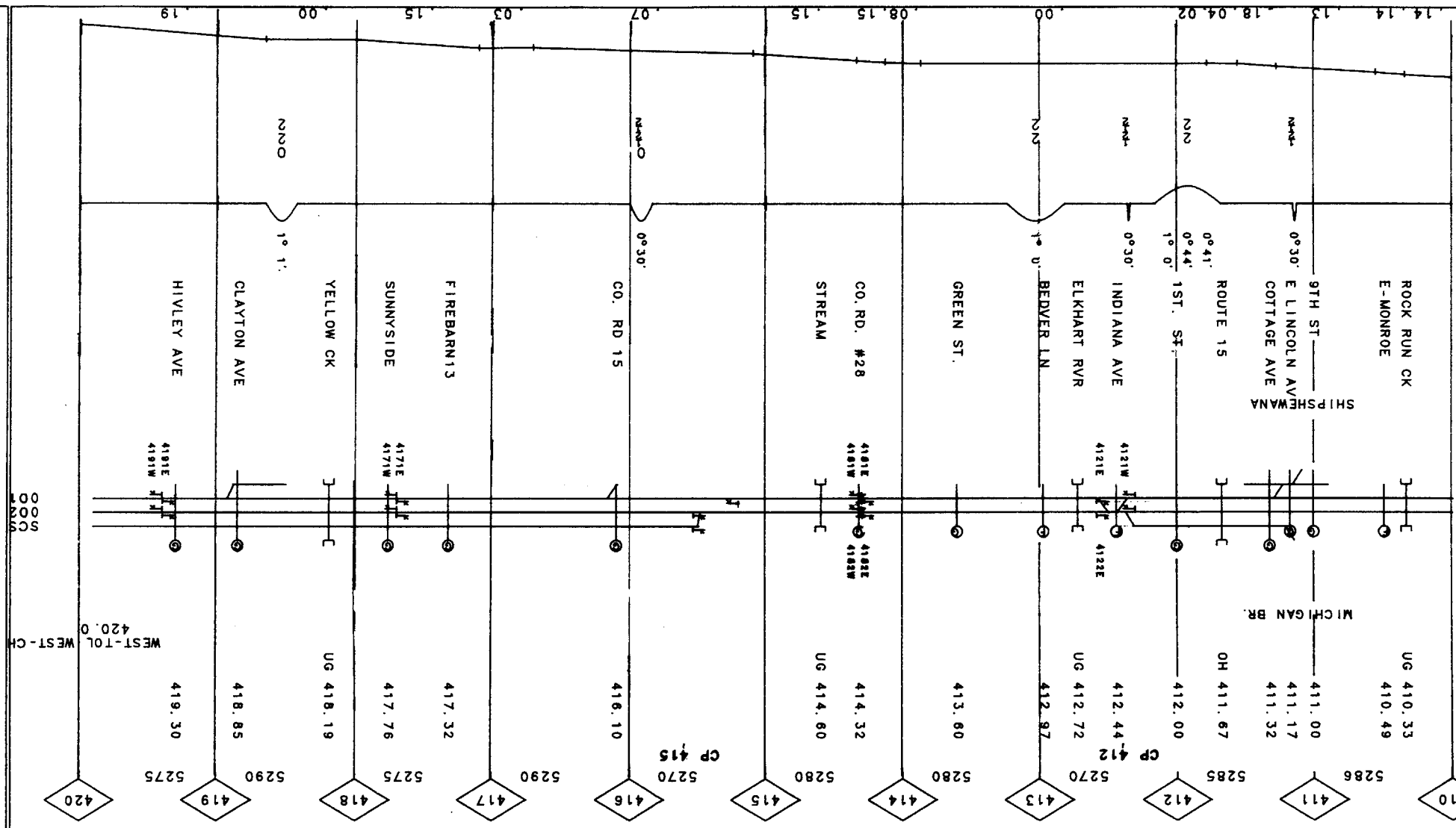


MILLERSBURG

V2110



MAX ELEV 232.62
VERT. ALIGNMENT
MIN ELEV 186.90
DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION



DUNLAP

V2110

GOSHEN

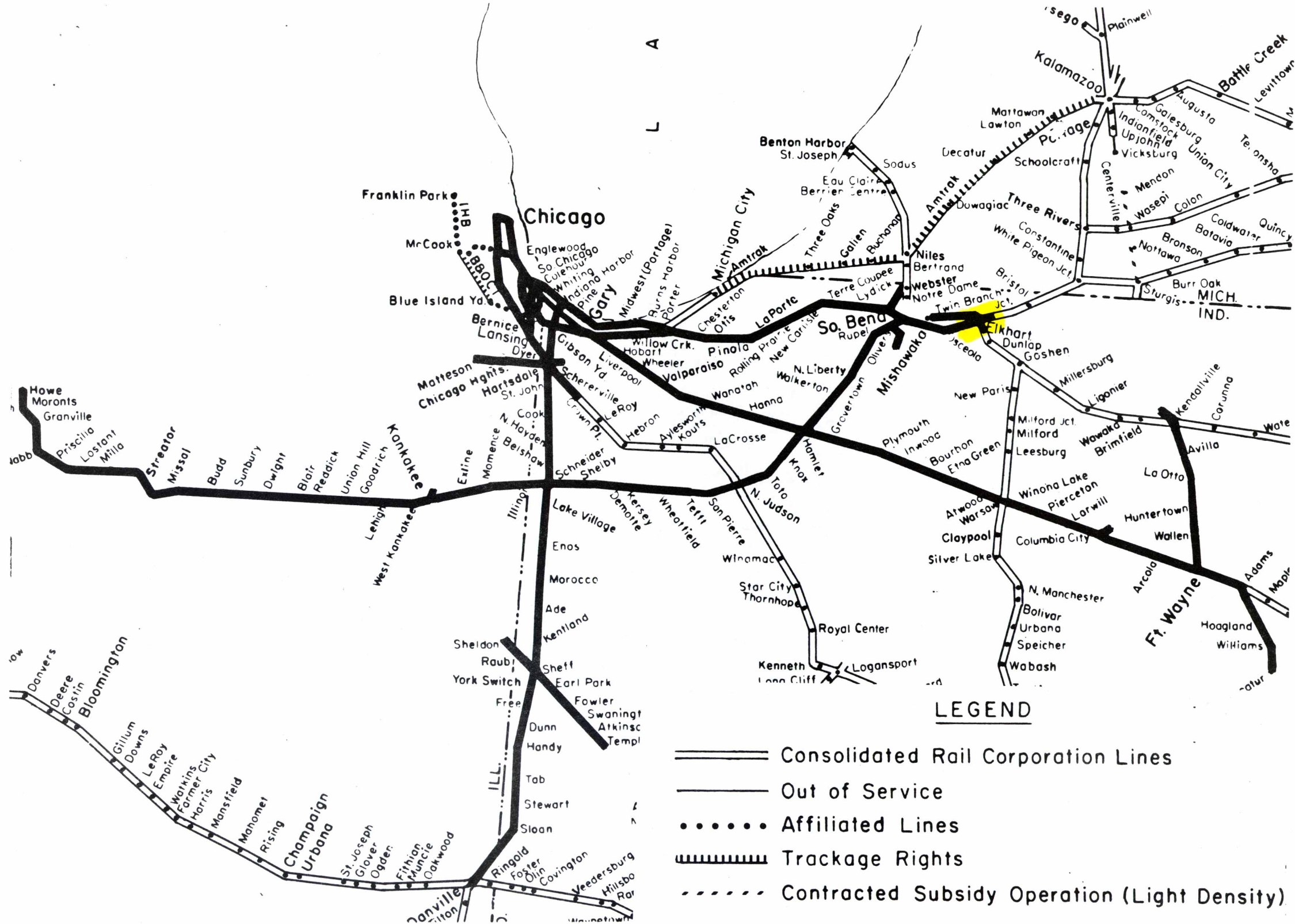
VALUATION
TOWN

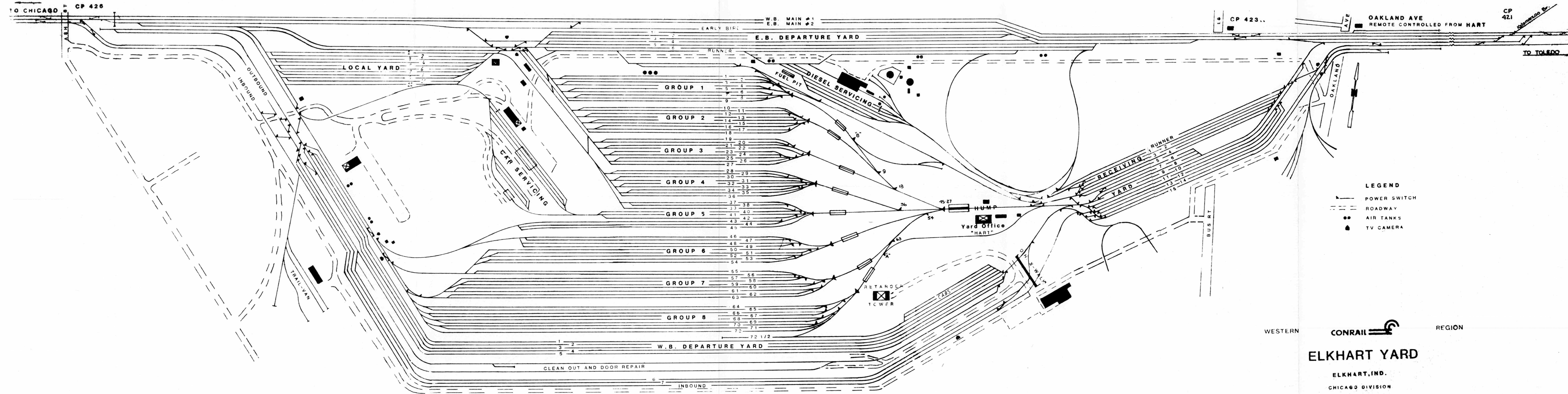
GRINDING	82	42.2	70/70/50	45.1	UG. CABLE
SURFACING	82	42.2	70/70/50	45.1	UG. CABLE
TIES	82	42.2	70/70/50	45.1	UG. CABLE
UNDERCUTTING	82	42.2	70/70/50	45.1	UG. CABLE
RAIL	82	42.2	70/70/50	45.1	UG. CABLE
RAIL CLEAN	82	42.2	70/70/50	45.1	UG. CABLE
TONNAGE (MGT)	82	42.2	70/70/50	45.1	UG. CABLE
T SPEED	82	42.2	70/70/50	45.1	UG. CABLE
UG. CABLE	82	42.2	70/70/50	45.1	UG. CABLE

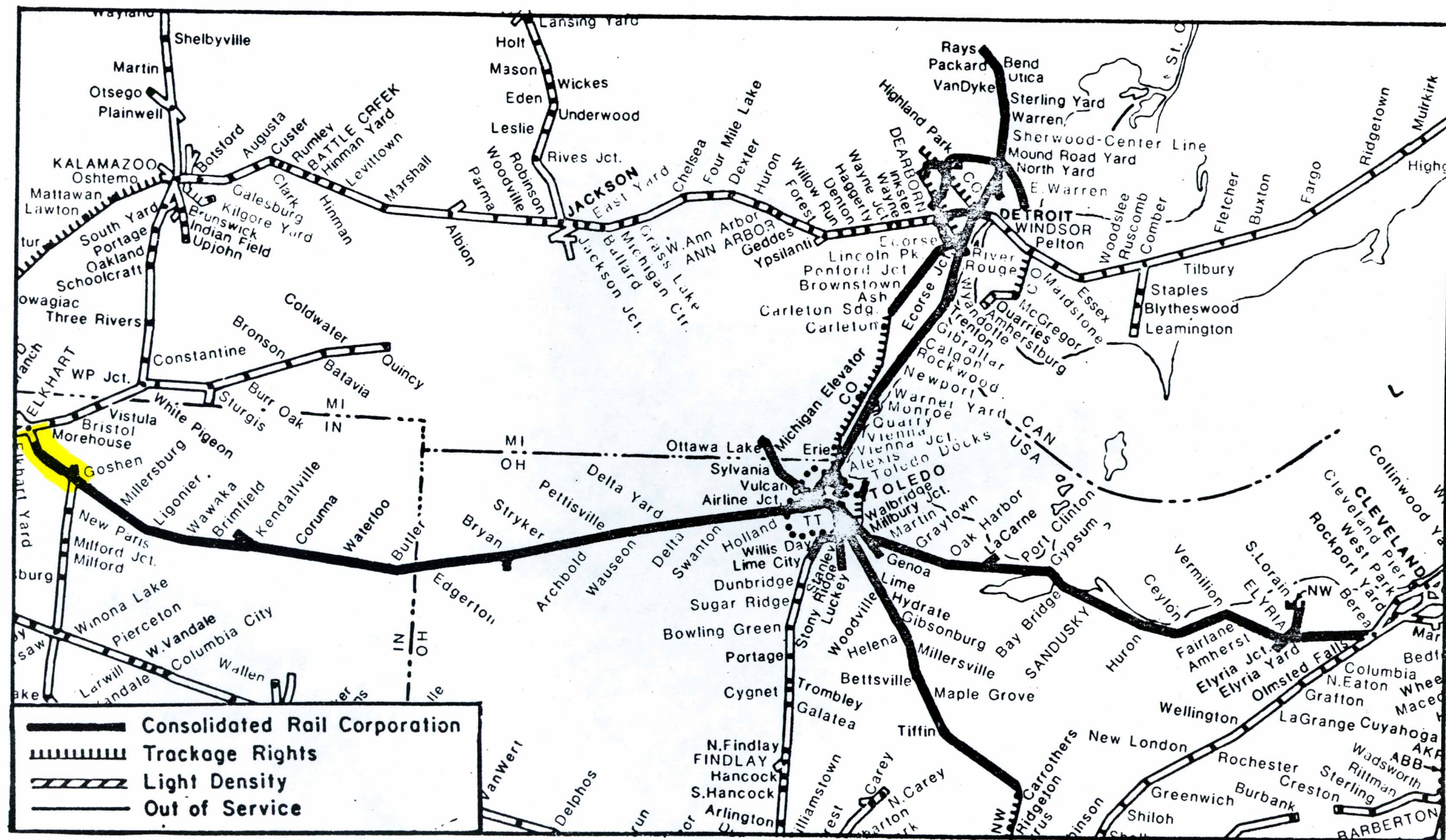
GRINDING	82	42.2	70/70/50	45.1	UG. CABLE
SURFACING	82	42.2	70/70/50	45.1	UG. CABLE
TIES	82	42.2	70/70/50	45.1	UG. CABLE
UNDERCUTTING	82	42.2	70/70/50	45.1	UG. CABLE
RAIL	82	42.2	70/70/50	45.1	UG. CABLE
RAIL CLEAN	82	42.2	70/70/50	45.1	UG. CABLE
TONNAGE (MGT)	82	42.2	70/70/50	45.1	UG. CABLE
T SPEED	82	42.2	70/70/50	45.1	UG. CABLE
UG. CABLE	82	42.2	70/70/50	45.1	UG. CABLE

GRINDING	82	42.2	70/70/50	45.1	UG. CABLE
SURFACING	82	42.2	70/70/50	45.1	UG. CABLE
TIES	82	42.2	70/70/50	45.1	UG. CABLE
UNDERCUTTING	82	42.2	70/70/50	45.1	UG. CABLE
RAIL	82	42.2	70/70/50	45.1	UG. CABLE
RAIL CLEAN	82	42.2	70/70/50	45.1	UG. CABLE
TONNAGE (MGT)	82	42.2	70/70/50	45.1	UG. CABLE
T SPEED	82	42.2	70/70/50	45.1	UG. CABLE
UG. CABLE	82	42.2	70/70/50	45.1	UG. CABLE

SCS002001







SCS 23002

001

DUNLAP



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

REV. 01/84

MP 410.00-MP 420.00 IN

GRINDING		82
SURFACING		80E
TIES		72
UNDERCUTTING		
RAIL	27F7V	
BAL CLEAN		82
TONNAGE(MGT)		3.3
T T SPEED		20
UG. CABLE		

007

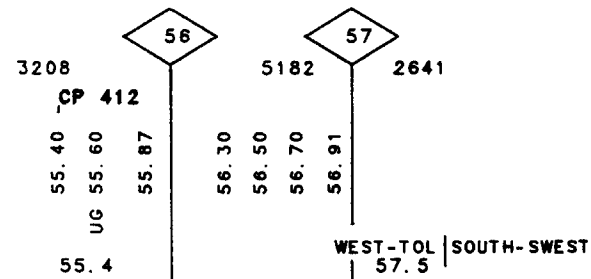
VALUATION
TOWN

GOSHEN

V5460

YOST

FACILITY



007

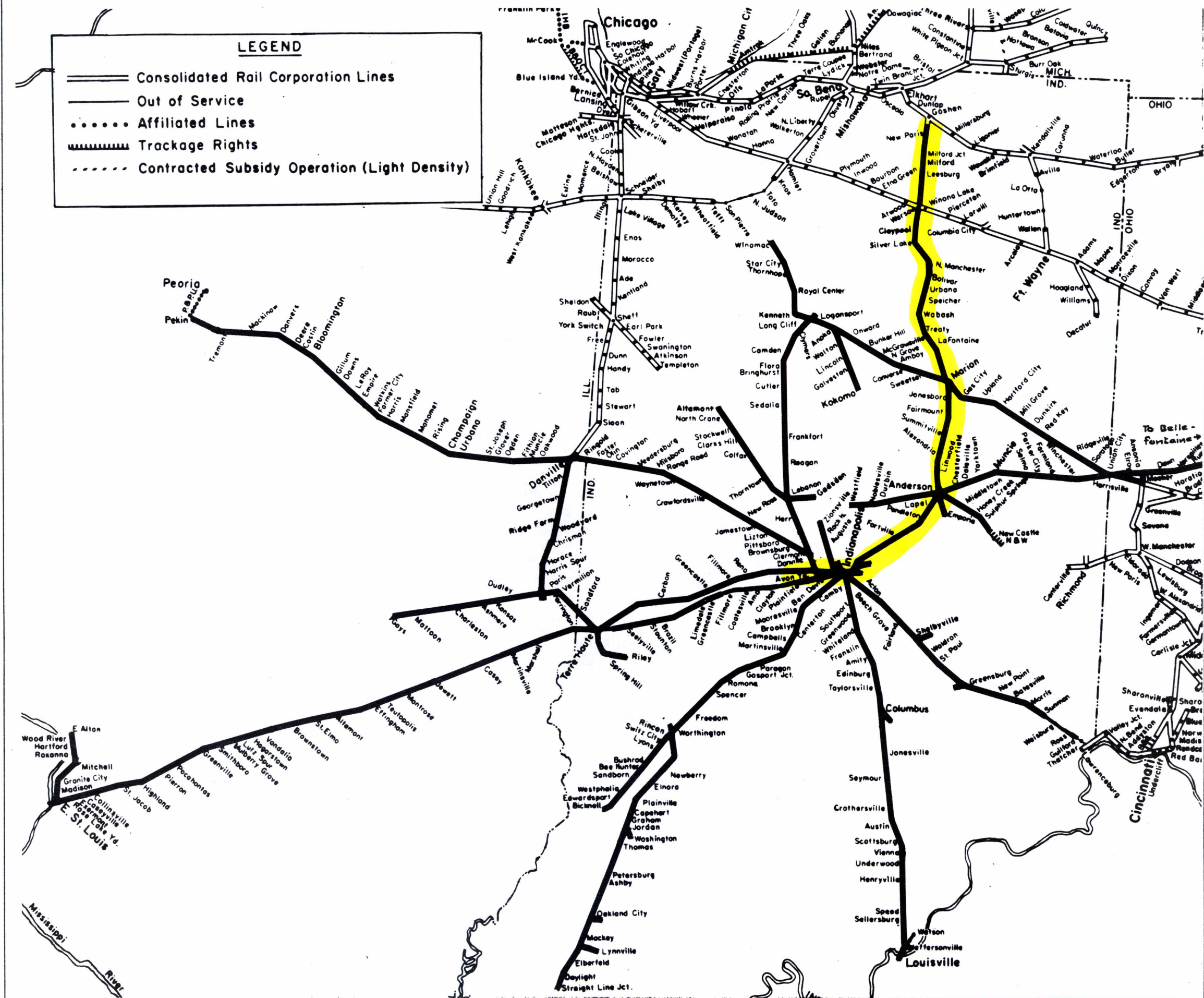
DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 234.50
VERT. ALIGNMENT
MIN ELEV 230.80
GRADE

.07 .03 .13



GRINDING	82	007
SURFACING	82	
TIES	72	
UNDERCUTTING		
RAIL	215.72	
BAL. CLEAN	82	
TONNAGE (MGT)	13.3	
T T SPEED	50	
UG. CABLE		

VALUATION
TOWN

YOST

V5460

FACILITY

2377

CP57

57.81

WEST-TOL SOUTH-SWEST
57.5

2RS

COUNTY ROAD

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 813.80
VERT. ALIGNMENT
MIN ELEV 810.20
GRADE

58

5281

58.54
58.70
58.82

AIRPORT RD-C

59

5281

59.32

FAIRLAWN RD

1° 4'

60

UG 59.88
59.83

ELKHART RIV
COUNTY ROAD

1° 19'

2

1

.10 .06 .03 .00 .20

SDG

007

CLAYPOOL



GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	90.33
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	10
UG. CABLE	

GRINDING	83	82	81
SURFACING			
TIES			
UNDERCUTTING			
RAIL	21F71	12F76	21F75
BAL. CLEAN			
TONNAGE (MGT)		11.1	
T T SPEED	50		
UG. CABLE			

SDG

007

SDG
007

VALUATION
TOWN

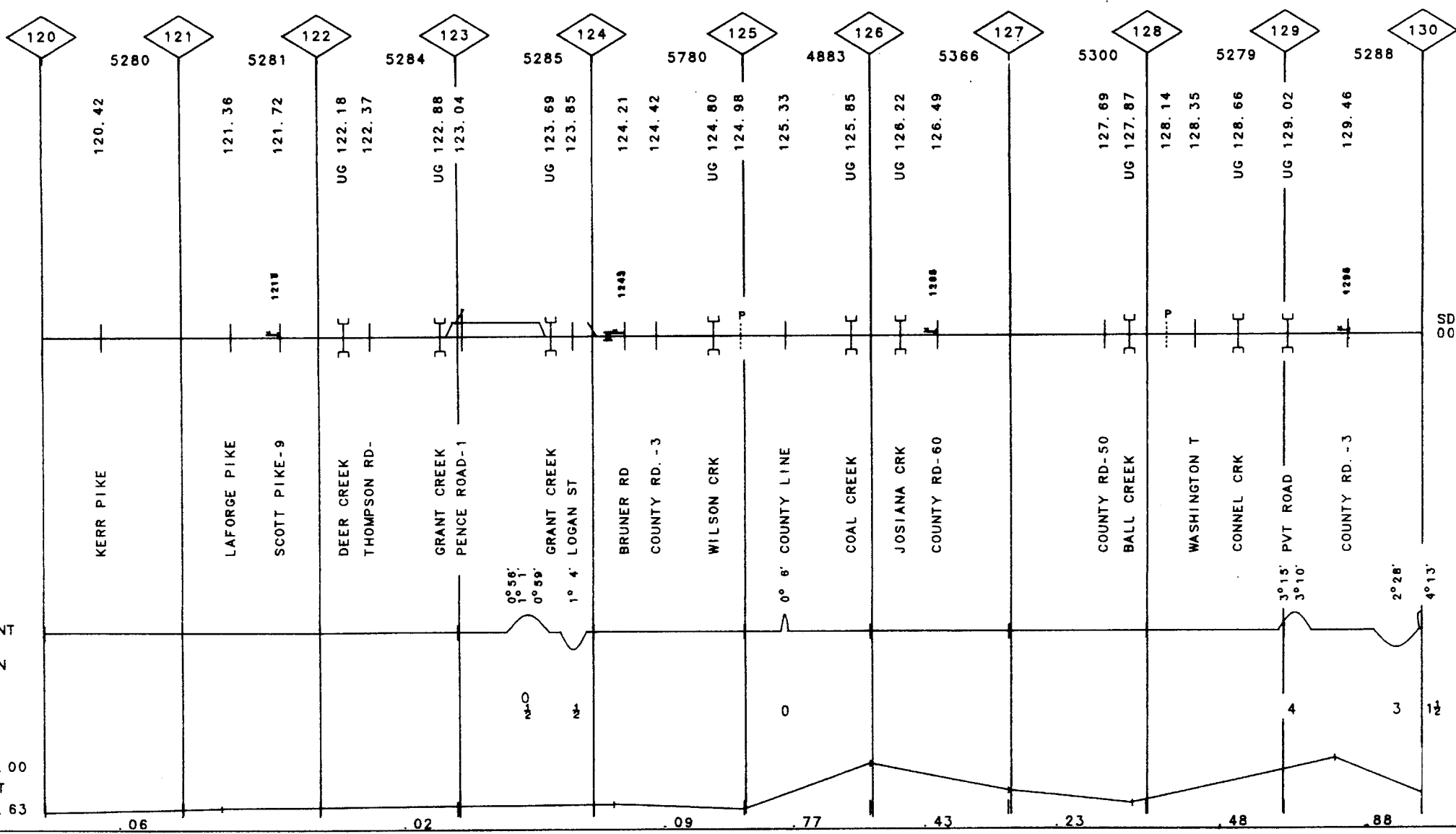
LAFONTAINE

V5460

FACILITY

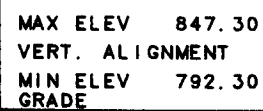
DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

MAX ELEV 853.00
VERT. ALIGNMENT
MIN ELEV 809.63
GRADE

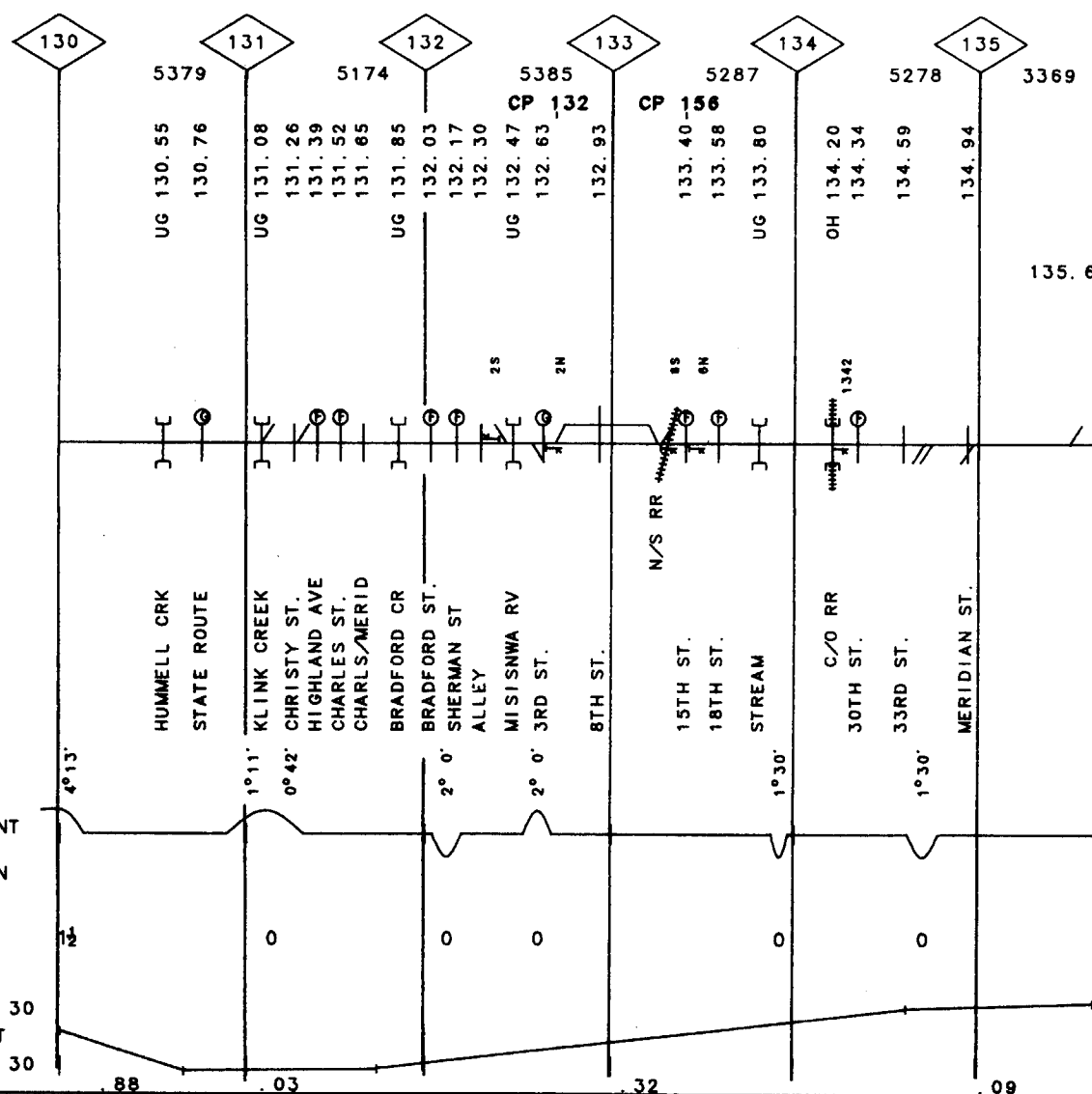


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007



SOLDIERS HOME.



GRINDING			82	
SURFACING			82	
TIES			79	
UNDERCUTTING				
RAIL			12F82	
BAL. CLEAN	83			78L
TONNAGE (MGT)			10.0	
T. SPEED		45		45
UG. CABLE				

VALUATION
TOWN

SOLDIERS HOME

V5460
JONESBORO

FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV	858.77
VERT. ALIGNMENT	
MIN ELEV	839.70
GRADE	

007

007

SUMMITVILLE



VALUATION
TOWN

DOW

V5460

ANDERSON

FACILITY

DEG OF CURVE

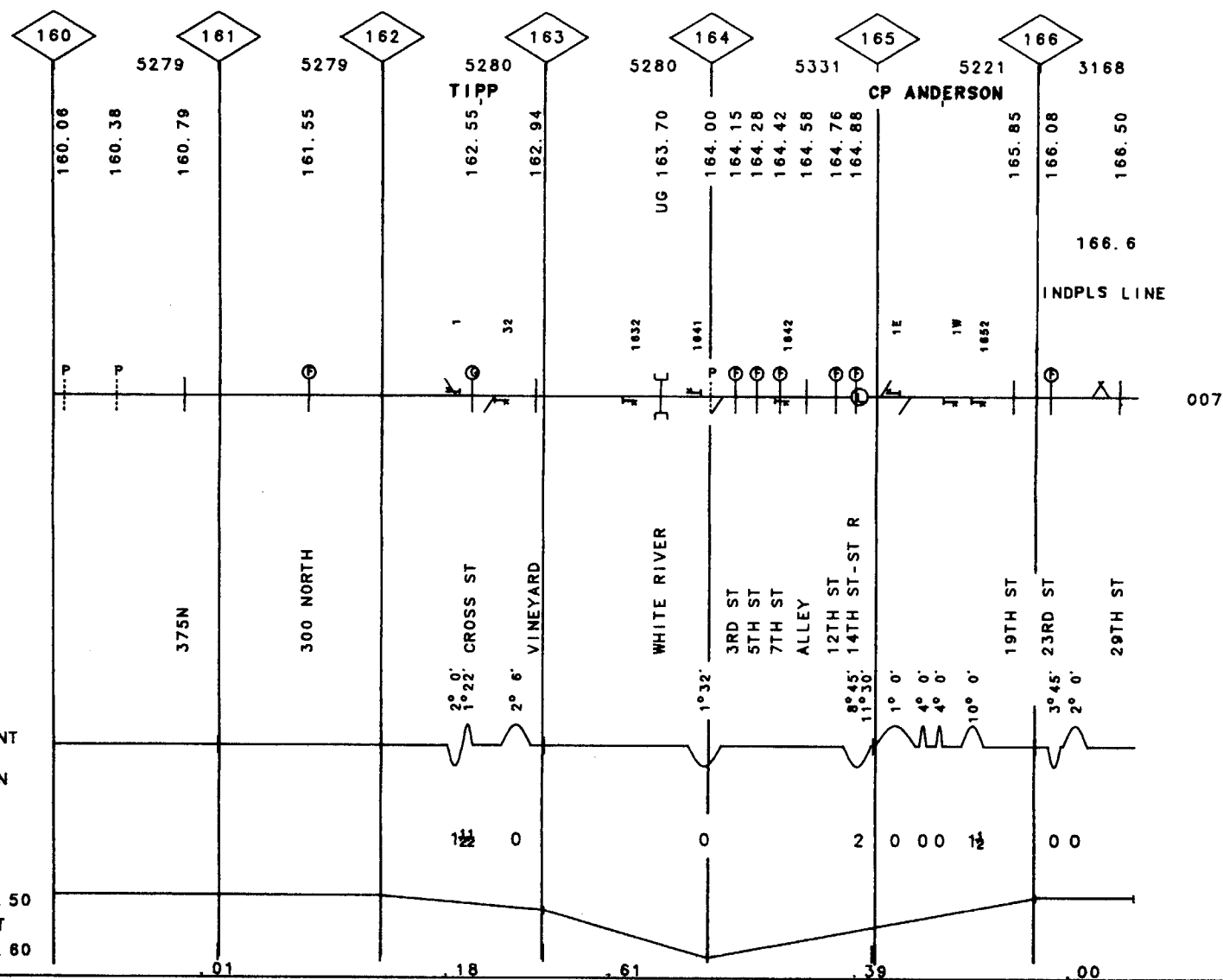
HORIZ. ALIGNMENT

SUPER ELEVATION

 MAX ELEV 888.50
 VERT. ALIGNMENT
 MIN ELEV 846.80
 GRADE

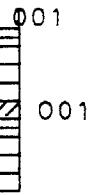
GRINDING	82	82			
SURFACING		82			
TIES		79			
UNDERCUTTING					
RAIL		27F82			
BAL. CLEAN	83		781		
TONNAGE (MGT)		10.1		10.0	
T. SPEED	45		20		20
UG. CABLE					

007



GRINDING	78(1)	83	001
SURFACING	81	83	
TIES	81		
UNDERCUTTING	40-77		
RAIL	81	81	
BAL. CLEAN	26.4		
TONNAGE(MGT)	60/50		
T. SPEED			
UG. CABLE			

GRINDING	78(1)	82	82	
SURFACING	82			
TIES	83	76L	76L	79L
UNDERCUTTING	40-77			
RAIL	83	76L	76L	79L
BAL. CLEAN	19.8			
TONNAGE(MGT)	60/50	19.1	60/50	
T. SPEED				
UG. CABLE				



VALUATION
TOWN

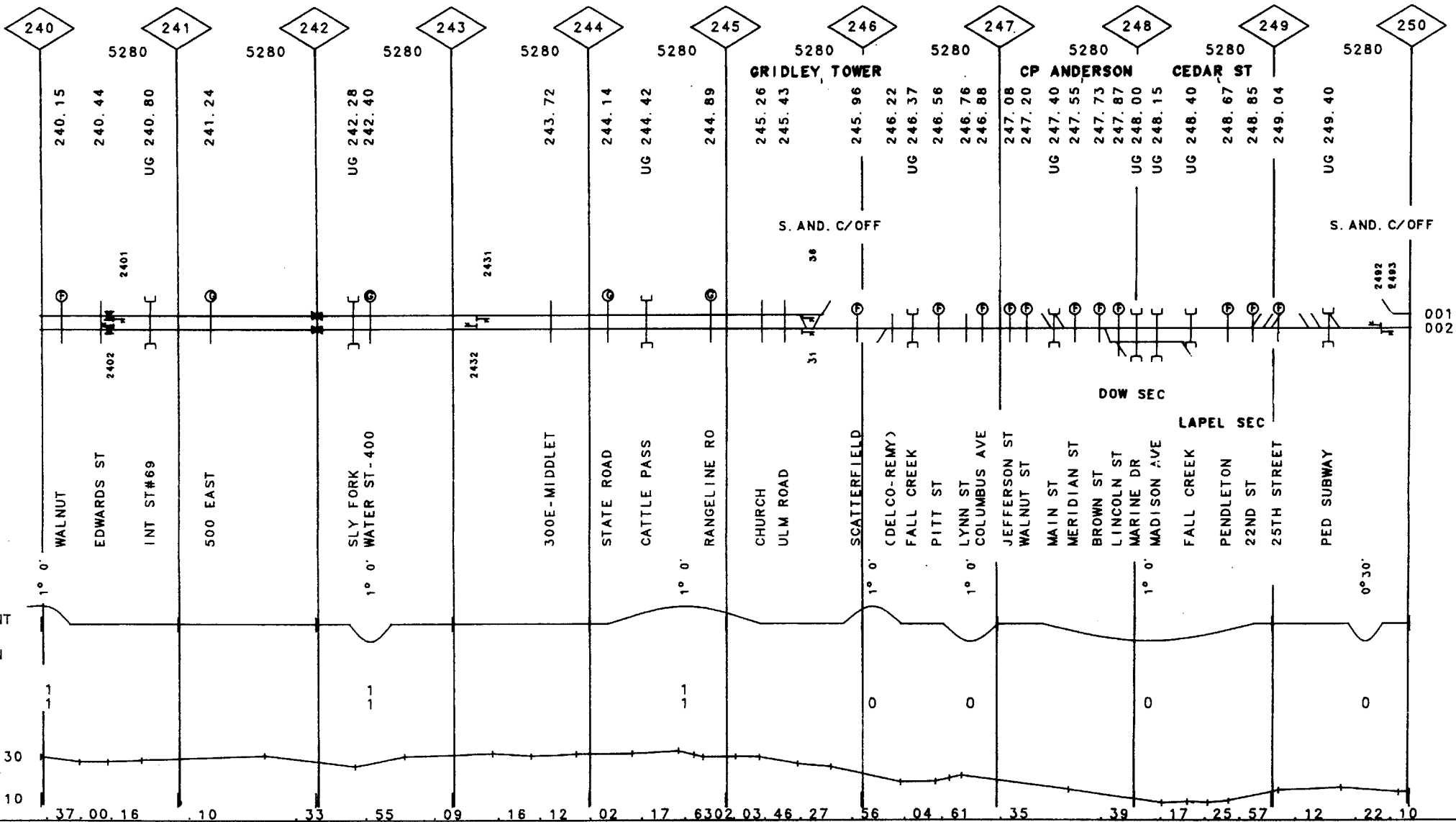
DALEVILLE

CHESTERFIELD

V5400

ANDERSON

FACILITY



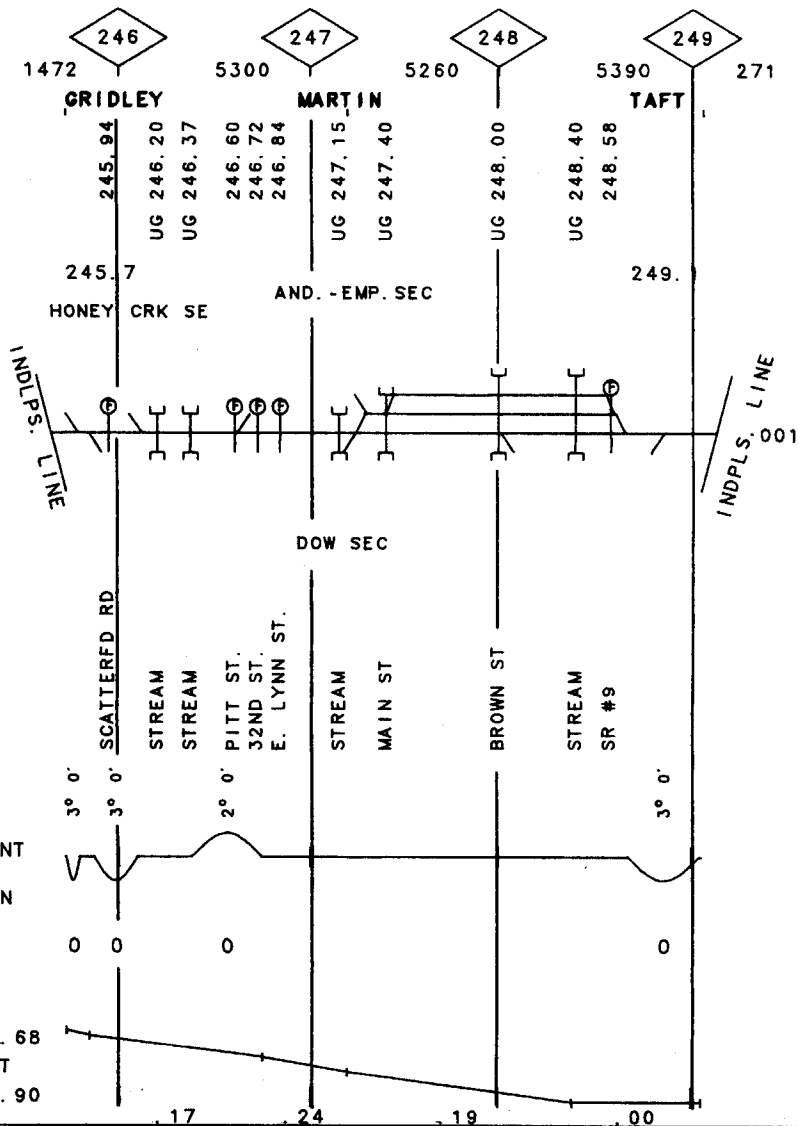
GRINDING	82
SURFACING	83
TIES	76
UNDERCUTTING	27F67
RAIL	
BAL. CLEAN	79
TONNAGE (MGT)	26.4 31.4
T T SPEED	20/20
UG. CABLE	

001

VALUATION TOWN

V5400
S. ANDERSON YARD

FACILITY



DEG OF CURVE
HORIZ. ALIGNMENT
SUPER ELEVATION

MAX ELEV 902.68
VERT. ALIGNMENT
MIN ELEV 874.90
GRADE


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MAX ELEV      868.50
VERT. ALIGNMENT
MIN ELEV      846.00
GRADE

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GRINDING		83		82
SURFACING		82		80E
TIES		82		
UNDERCUTTING				
RAIL	40-71	VVNNNNNA		
BAL. CLEAN		83		
TONNAGE (MGT)		31.4		
T T SPEED	40/40		25/25	15/15
UG. CABLE				

001

GRINDING		83		82
SURFACING		82		80E
TIES	77		78	
UNDERCUTTING				
RAIL	32-78	VVNN32-79		
BAL. CLEAN	75L		79L	81
TONNAGE (MGT)		24.6		
T T SPEED	40/40		25/25	15/15
UG. CABLE				

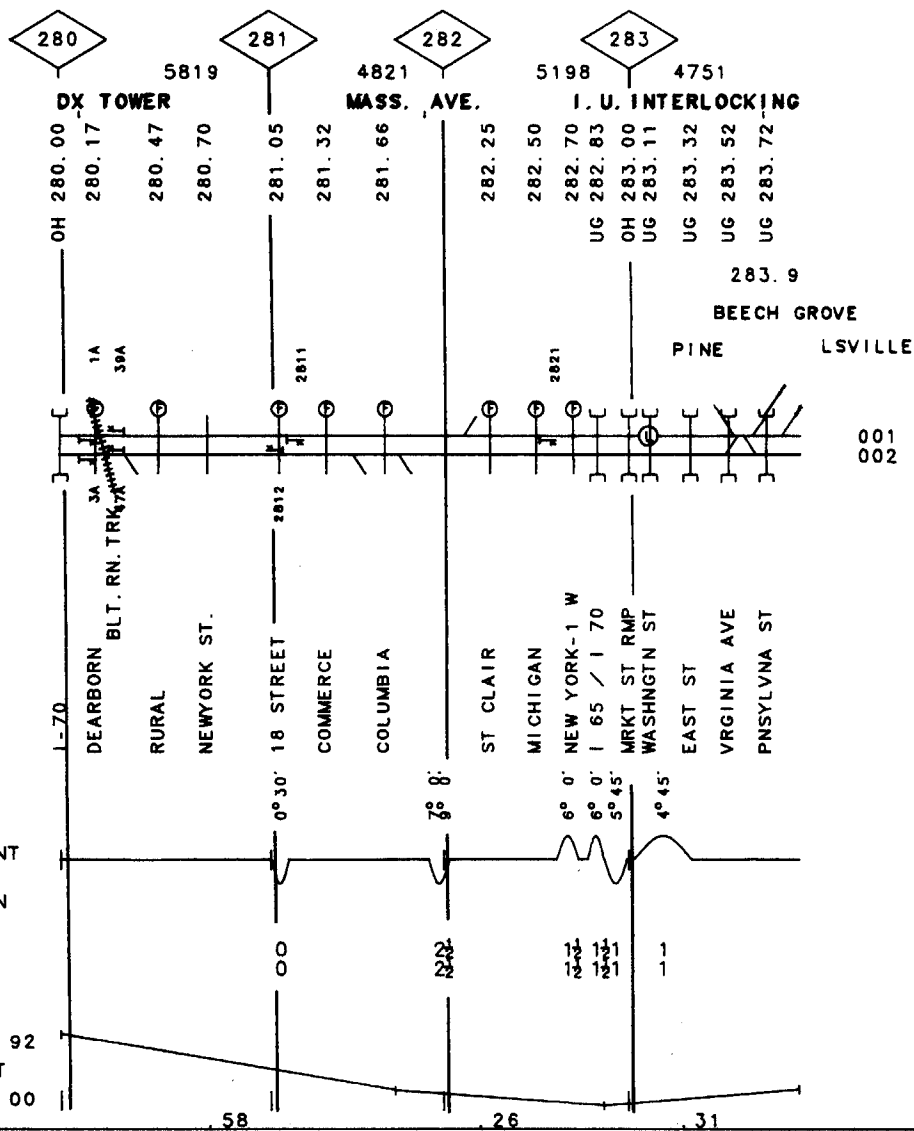
002

VALUATION
TOWN

V5011

WASHINGTON ST.

FACILITY



001
002

GRINDING		ISCS
SURFACING	81	
TIES	81	
UNDERCUTTING		
RAIL		
BAL. CLEAN		
TONNAGE (MGY)		
T. T. SPEED	50/40	
UG. CABLE		

GRINDING	82	0071
SURFACING	78E	
TIES	76	68
UNDERCUTTING		
RAIL	40-68	
BAL. CLEAN	81	
TONNAGE (MGY)	62.31	41.1
T. T. SPEED	50/40	
UG. CABLE		

GRINDING	82	001
SURFACING	81	
TIES		
UNDERCUTTING		
RAIL	32-78	
BAL. CLEAN	81	60L
TONNAGE (MGY)	23.9	
T. T. SPEED	50/40	
UG. CABLE		

GRINDING	79(1)	002
SURFACING	81	
TIES	81	
UNDERCUTTING		
RAIL	32-78	
BAL. CLEAN	77	
TONNAGE (MGY)	17.1	
T. T. SPEED	50/40	
UG. CABLE		

VALUATION
TOWN

AVON

V5030

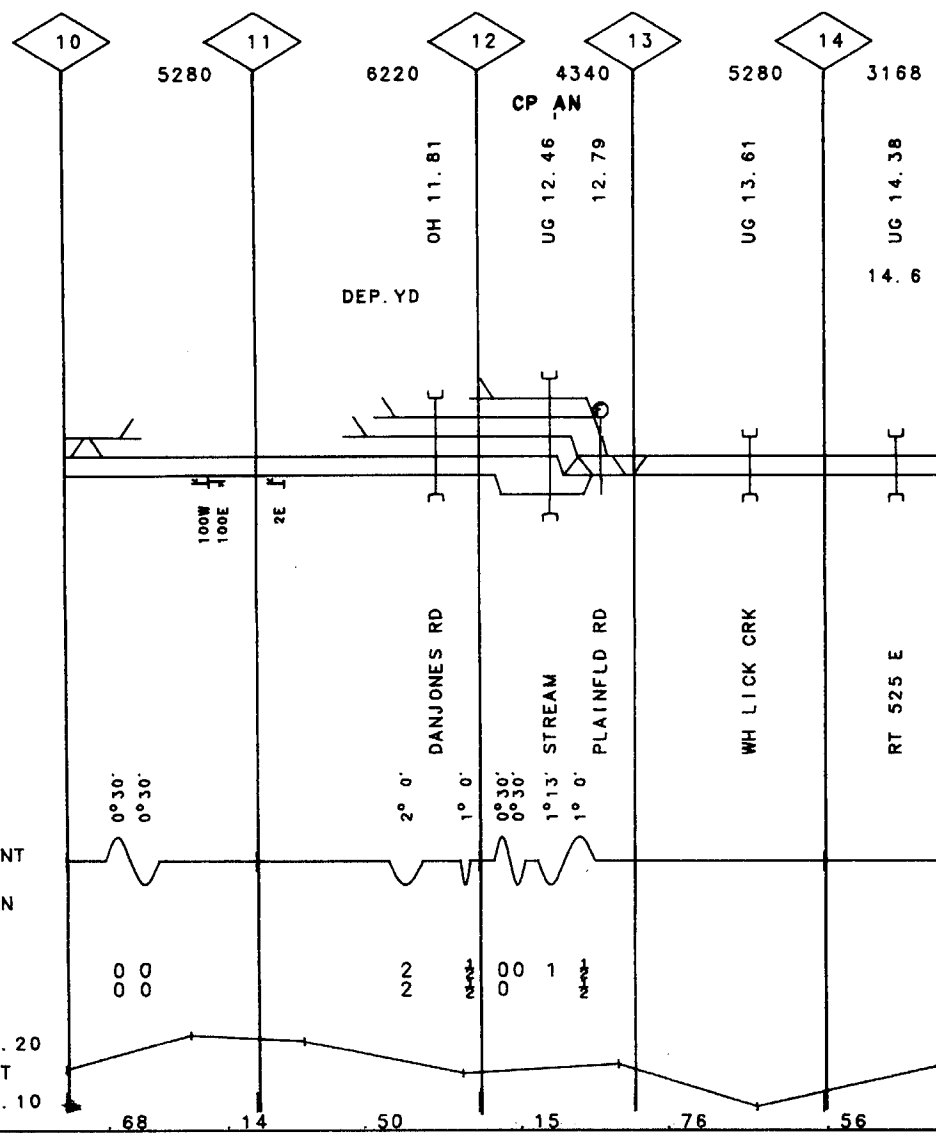
FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

SUPER ELEVATION

MAX ELEV 794.20
VERT. ALIGNMENT
MIN ELEV 745.10
GRADE



001
002

