

12



MAINTENANCE PROGRAM
AND
TRACK CHART

WESTERN REGION
MICHIGAN DIVISION

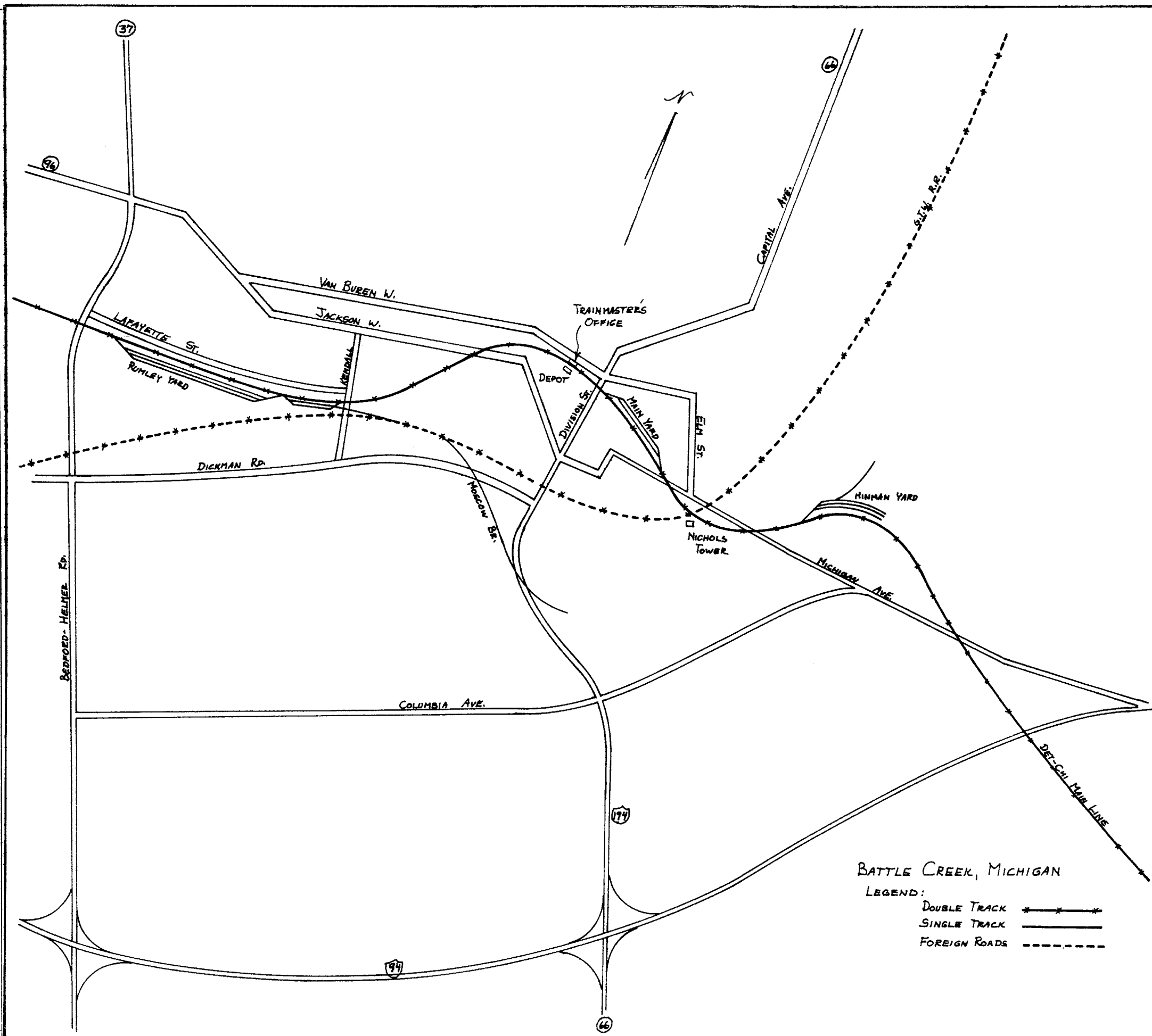
1982

CONRAIL

ENGINEERING DEPT.



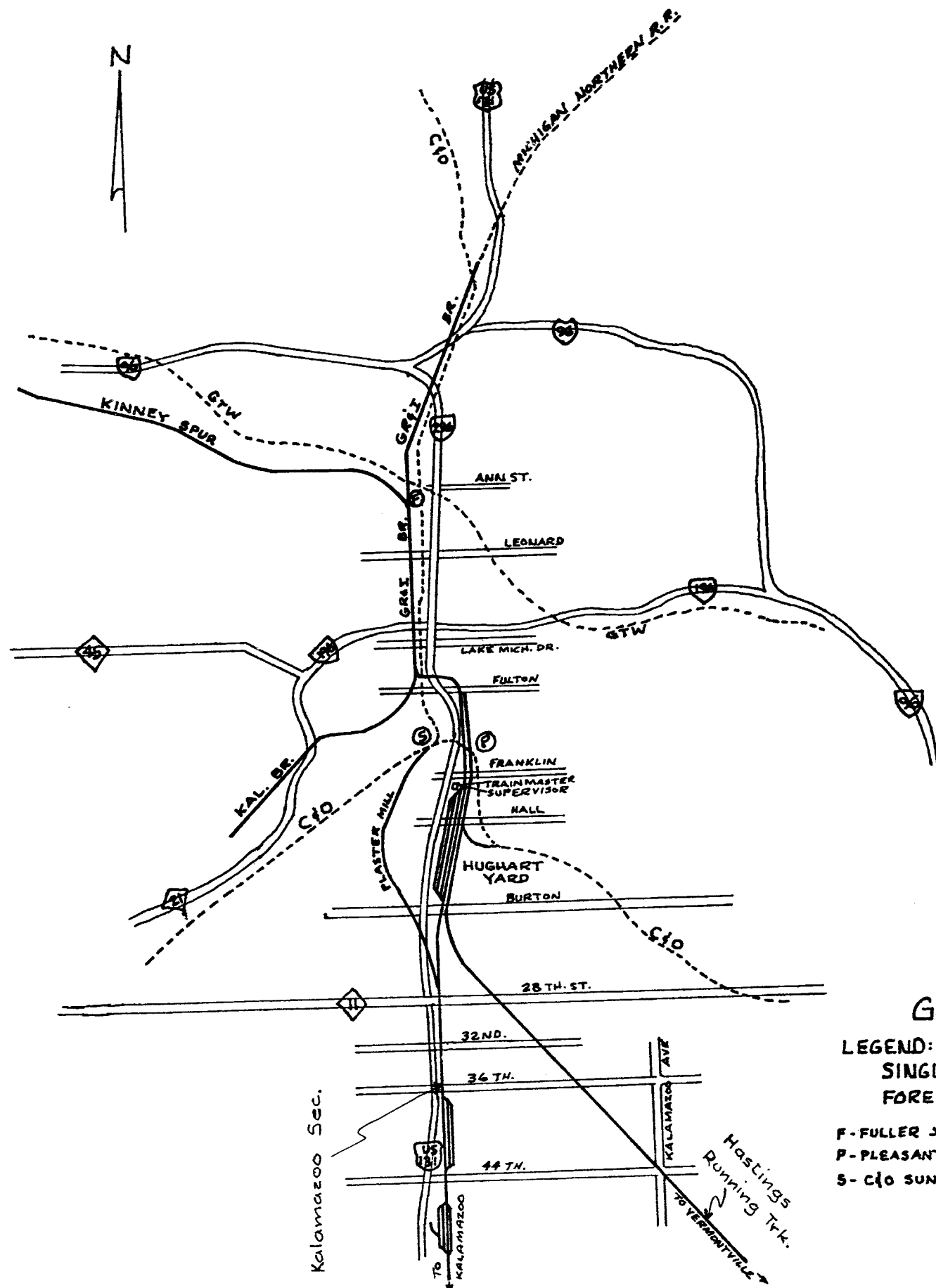
LINE NAME		BETWEEN	M.P. TO M.P.	CODE	STATE	PAGE
M.L. (SUSP. BR. & CHI.)		TOWN LINE & KALAMAZOO	7.6-145.0	39-5304	MI	1- 15
M.L. (SUSP. BR. & CHI.)	AMTK	KALAMAZOO & STATE LINE	145.0-222.9	39-5304	MI	17- 25
M.L. (SUSP. BR. & CHI.)	AMTK	STATE LINE & PORTER	222.9-240.7	39-5304	IN	25- 27
BENTON SEC.		BENTON HARBOR & NILES	0.0- 27.0	39-5347	MI	45- 47
B O SECONDARY		KALAMAZOO	0.0- 0.5	39-5341	MI	76- 76
CK&S BR.		PARCHMENT & PAVILION	41.3- 45.9	39-5344	MI	28- 28
COMSTOCK SECONDARY		GRAND & COMSTOCK PARK	102.3-108.6	39-5338	MI	59- 59
EATON RAPIDS RUNNING TRK.		RIVES JCT & EATON RAPIDS	10.6- 24.8	39-5340	MI	61- 62
GR&I BR.		STURGIS	146.7-150.4	39-5338	MI	65- 66
GR&I BR.	SUB	STURGIS & NOTTAWA	150.4-157.9	39-5338	MI	66- 66
HASTINGS RUNNING TRK.		BOWEN & GRAND RAPIDS	88.1- 94.5	39-5340	MI	63- 64
HUGHART RUNNING TRK.		GRAND RAPIDS	100.6-102.3	39-5338	MI	60- 60
KALAMAZOO BR.		ELKHART & STATE LINE	1.9- 14.7	39-5321	MI	29- 30
KALAMAZOO BR.		STATE LINE & THREE RIVERS JCT.	14.7- 27.4	39-5321	MI	30- 31
KALAMAZOO BR.		THREE RIVERS JCT. & CP PARK	27.3- 33.0	39-5341	MI	32- 33
KALAMAZOO SEC.		CP PARK & KALAMAZOO	33.0- 54.0	39-5341	MI	33- 35
KALAMAZOO SEC.		KALAMAZOO & BURTON	54.0-100.6	39-5338	MI	36- 41
KALAMAZOO INDUSTRIAL		EAGLE MILLS & GRAND RAPIDS	91.6- 95.0	39-5341	MI	78- 78
KINNEY SPUR		FULLER & KINNEY	2.7- 7.5	39-5358	MI	85- 85
LANSING BR.		LANSING (S.CITY LIM-N.CITY LIM)	57.1- 61.4	39-5352	MI	80- 81
LANSING BR.		ALBION	22.0- 23.4	39-5352	MI	79- 79
LANSING MFAS. BR.		LANSING	0.0- 5.1	39-5354	MI	83- 83
MEADOWS INDUSTRIAL		LANSING & NORTH LANSING	37.9- 39.7	39-5337	MI	58- 58
MENDON SEC. TRK.		THREE RIVERS & WASEPI	27.4- 34.7	39-5321	MI	42- 43
MENDON SEC. TRK.	SUB	WASEPI & MENDON	36.9- 41.3	39-5338	MI	44- 44
NORTHERN IND.		JACKSON & VANDERCOOK LAKE	0.0- 4.2	39-5348	MI	69- 69
PLAINWELL SEC.		PLAINWELL & OTSEGO	64.9- 70.7	39-5341	MI	77- 77
QUINCY BR.		QUINCY & WHITE PIGEON JCT.	377.7-421.3	39-3634	MI	70- 75
SAGINAW SEC.		JACKSON & LANSING	0.2- 37.9	39-5337	MI	55- 58
SOUTH BEND SEC.		NILES & STATE LINE	0.5- 6.0	39-5346	MI	67- 67
SOUTH BEND SEC.		STATE LINE & SO. BEND	6.0- 11.8	39-5346	IN	67- 68
SOUTH HAVEN INDUSTRIAL		KALAMAZOO & DOUGLAS ST.	0.2- 1.8	39-5343	MI	84- 84
UPJOHN SEC.		GIBSON & AUSTIN LAKE	0.0- 6.7	39-5338	MI	82- 82
WASEPI SEC.		WASEPI & JACKSON JCT.	34.7- 97.4	39-5321	MI	48- 54



BATTLE CREEK, MICHIGAN

LEGEND:

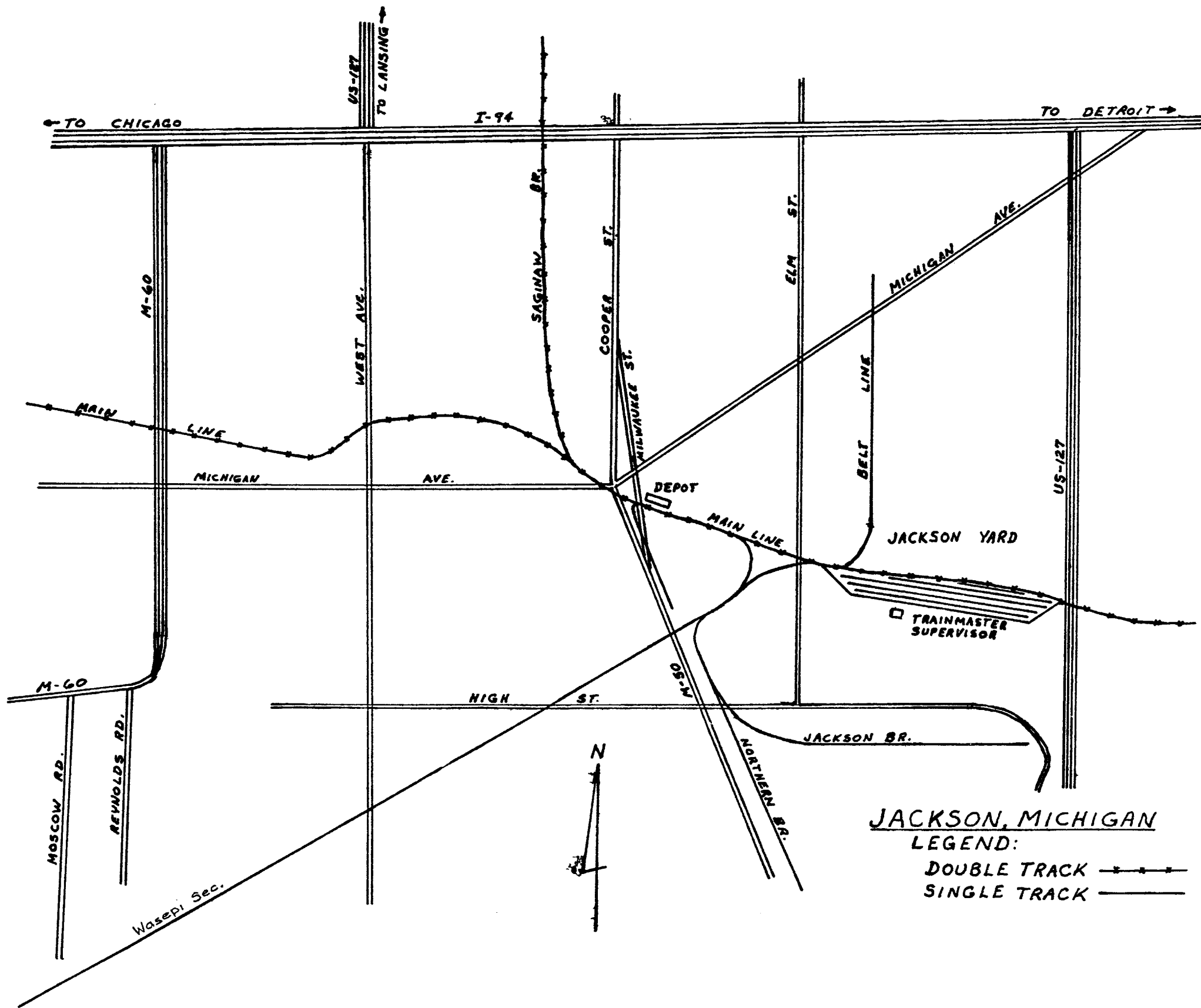
DOUBLE TRACK —+—+—+—+—
 SINGLE TRACK ————
 FOREIGN ROADS - - - - -



GRAND RAPIDS

LEGEND:
 SINGLE TRACK ———
 FOREIGN RAILROADS - - - - -

F - FULLER JCT.
 P - PLEASANT ST. INTERLOCKING
 S - C/O SUNNYSIDE INTERLOCKING

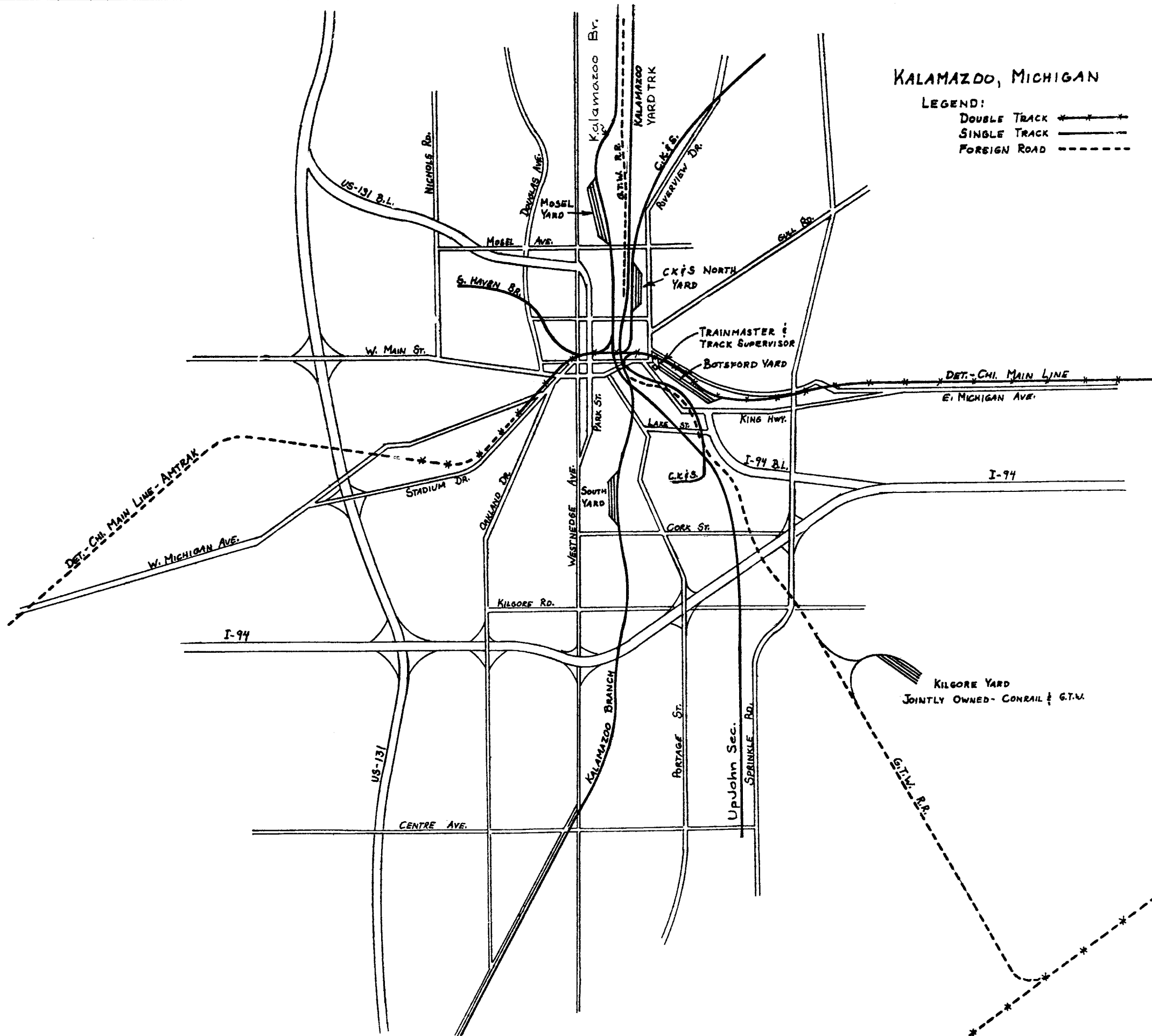


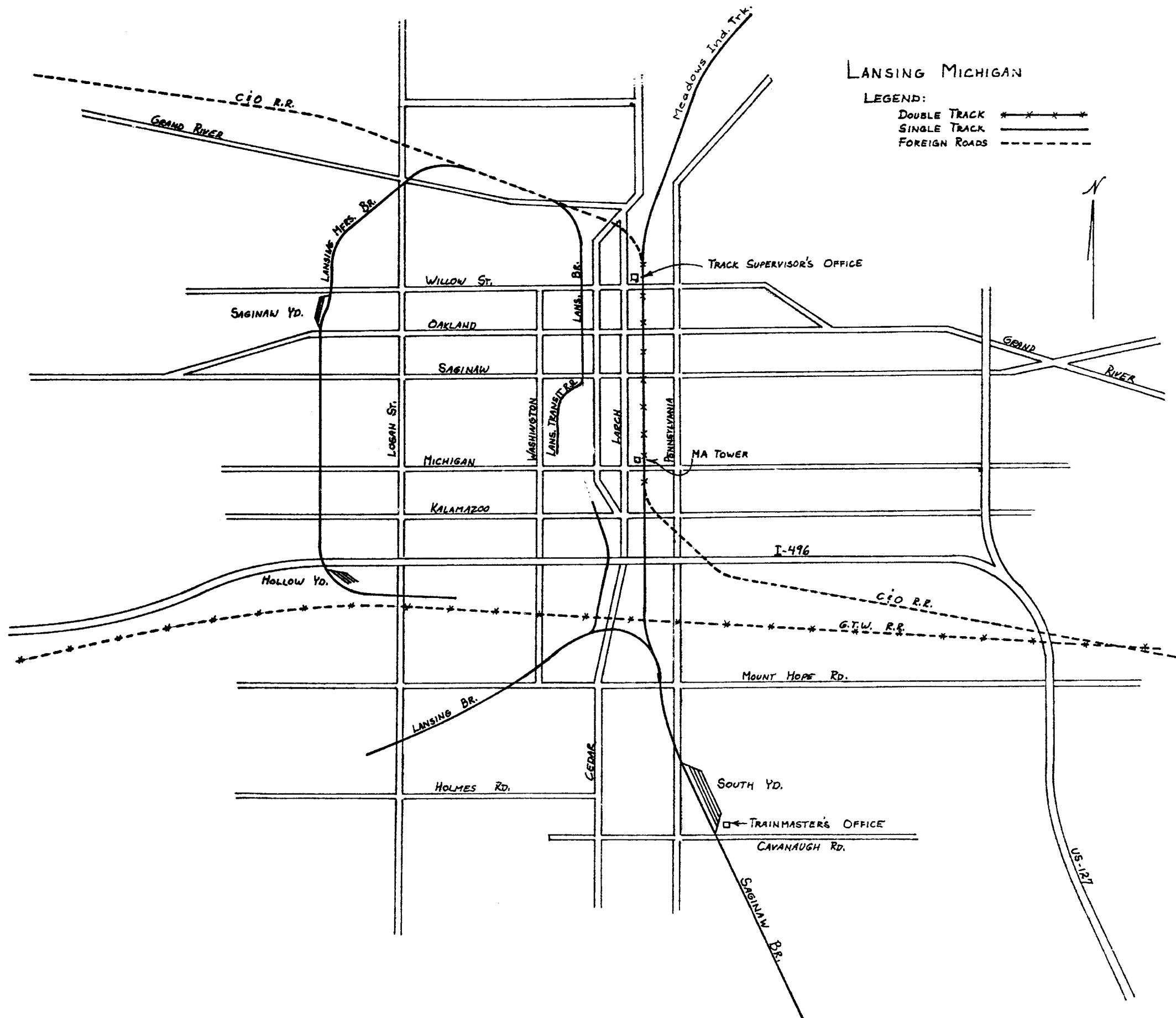
JACKSON, MICHIGAN

LEGEND:

DOUBLE TRACK —+—+—

SINGLE TRACK ———





PROGRAM LEGEND
DATE OF WORK PRECEDES CODE (IF KNOWN)

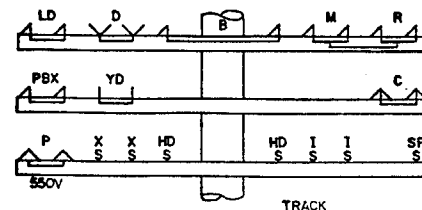
CONDITIONS	CODES
GRINDING (NO. OF PASSES)	
SURFACING	TYPE OF MACHINE USED
	E = Electromatic T = Tamper
	P = Plasser
TIES	YEAR INSTALLED ONLY FOR MAJOR REHABILITATION
	ST = Safety tie installations of less than 400 ties/mile
UNDERCUTTING	TYPE OF MACHINE USED
	PD = Plow (Bulldozer) UK = Undercut (Kershaw)
	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 rail 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
TEMP SLOW	
ORDER SPEED	Passenger/Fast Freight/Freight

CHART LEGEND

INTERLKG TOWER	INT
TUNNEL	
BRIDGE (OH&UG)	
SIG BRIDGE	
RR XING (GRADE)	
PUB RD XING (GRADE)	
PUB RD XING (GRD) (W/FLSH)	
PUB RD XING (GRD) (FLSH & GATES)	
PRIVATE RD XING	
AUTOMATIC SIGNAL	
CURVE LUBRICATOR	
DRAGGING EQUIP DET	
HOT BX DET (PT DIR TRAFF)	
STATE LINE	
TIMETABLE MP	
VALUATION MP	



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

KEY TO LINE CIRCUITS

DECIMAL-FRACTION CONVERSION TABLE

0.5 = 1/2 in.	1.5 = 1 1/2 in.	2.5 = 2 1/2 in.	3.5 = 3 1/2 in.
1.0 = 1 in.	2.0 = 2 in.	3.0 = 3 in.	4.0 = 4 in.

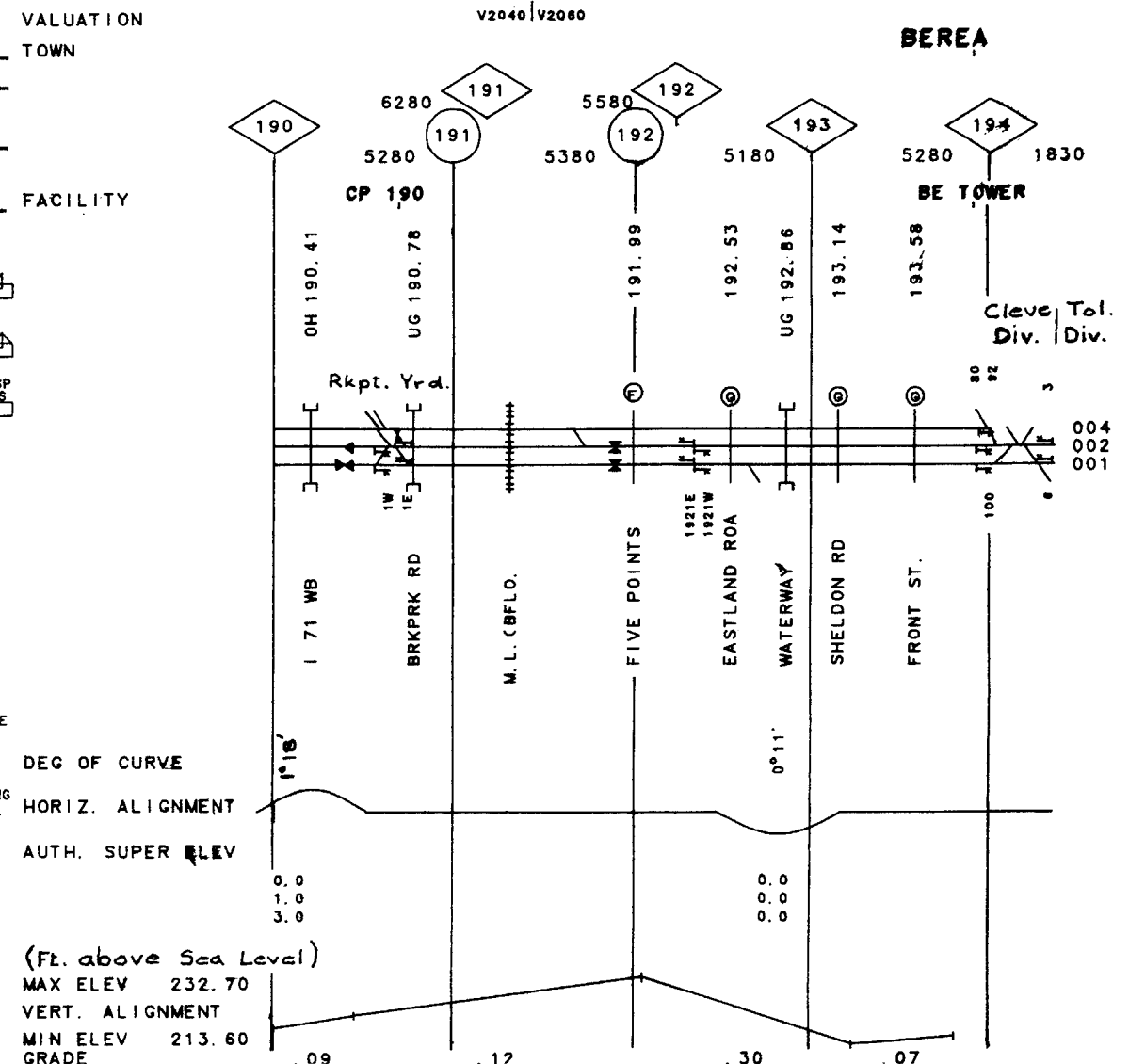
GRINDING			
SURFACING	79T		80F
TIES	79		79
UNDERCUTTING			
RAIL		27F79	
BAL CLEAN			61S
TONNAGE (MGT)	1.2	2.0	2.0
T T SPEED		30/30/30	30/30/30

GRINDING			81R
SURFACING			81
TIES			79
UNDERCUTTING			
RAIL	40-75	40-75	40-75
BAL CLEAN	80L		81L
TONNAGE (MGT)	28.2	28.5	28.5
T T SPEED	50/50/40	70/60/50	35/35/35

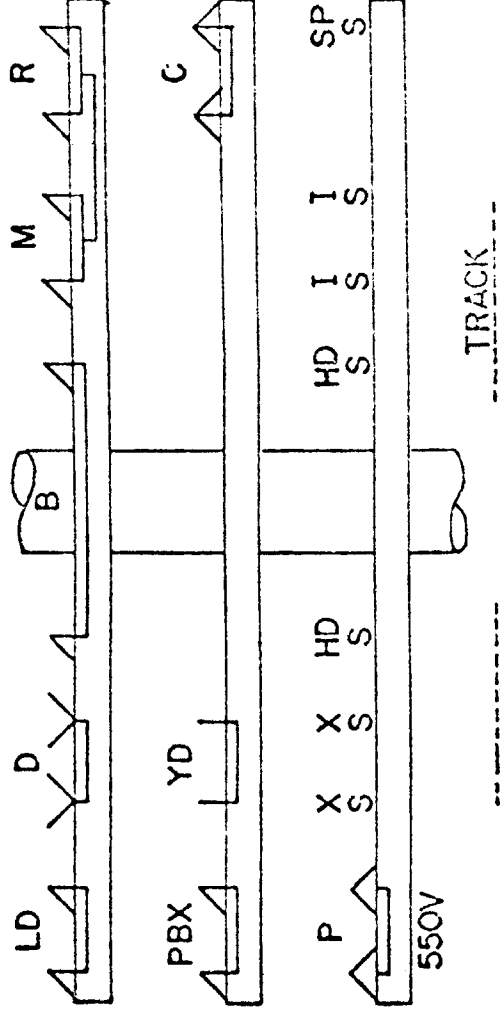
GRINDING			81R
SURFACING	81	79T	81
TIES			79
UNDERCUTTING			
RAIL	40-73/127-64	40-73	40-73
BAL CLEAN	80L		81L
TONNAGE (MGT)	37.9	38.6	38.3
T T SPEED	70/60/50	70/60/50	35/35/35

VALUATION
TOWN

FACILITY



POLE LINE DIAGRAM



- 1 = 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

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

KEY TO LINE CIRCUITS

COST CENTER LISTING FOR MICHIGAN 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>
CK&S	44.90	45.90	007	15028	39-5344
GR&I BR.	150.40	157.90	007	61504	39-5338
MENDON SEC. TRK.	36.90	41.30	007	61503	39-5338
SAGINAW SEC.	36.80	37.80	001	15033	39-5337
SAGINAW SEC.	36.80	37.80	002	15033	39-5337

1982 CHART

GRINDING	
SURFACING	80F
TIES	76
UNDERCUTTING	
RAIL	27-44 27-36
BAL CLEAN	805
TONNAGE(MGT)	5.9
T T SPEED	70/60/50

002

GRINDING	81
SURFACING	81 81
TIES	76
UNDERCUTTING	
RAIL	27-39 27-36
BAL CLEAN	81
TONNAGE(MGT)	3.9
T T SPEED	70/60/50

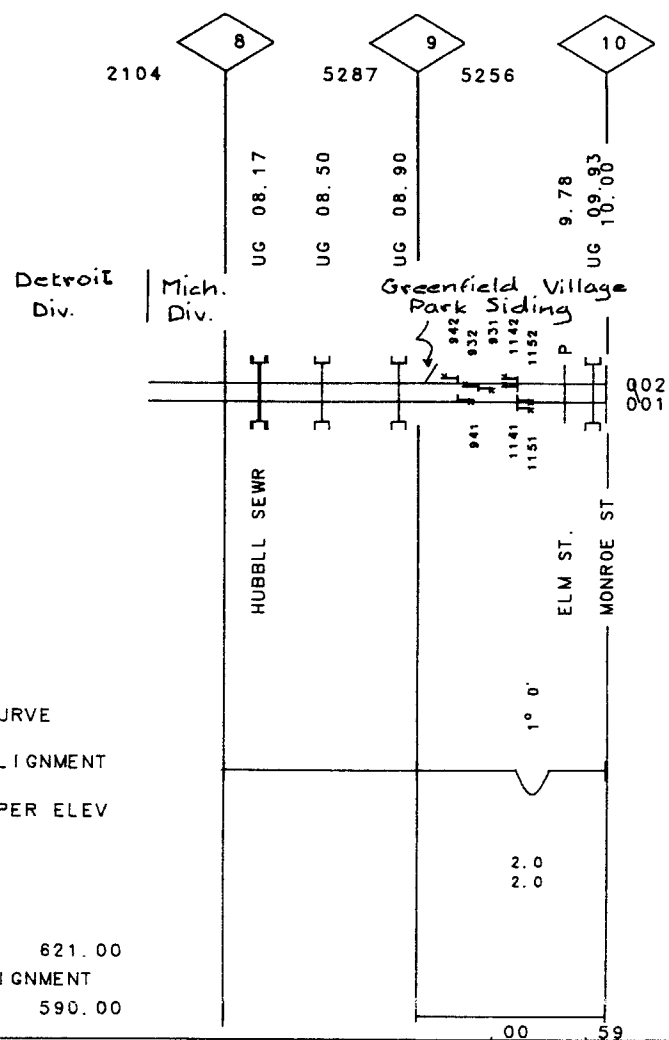
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VALUATION
TOWN

TOWN LINE

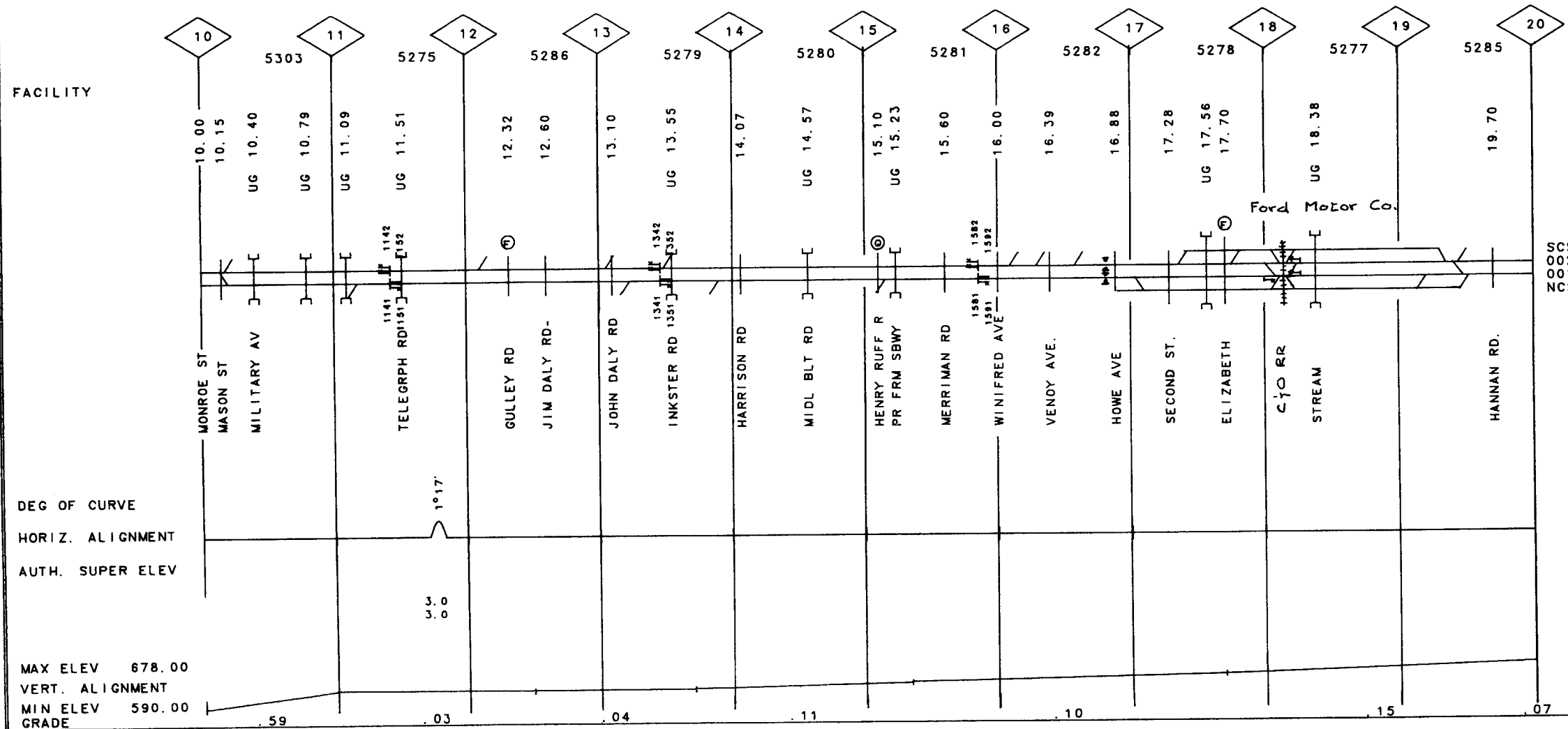
V4012

FACILITY

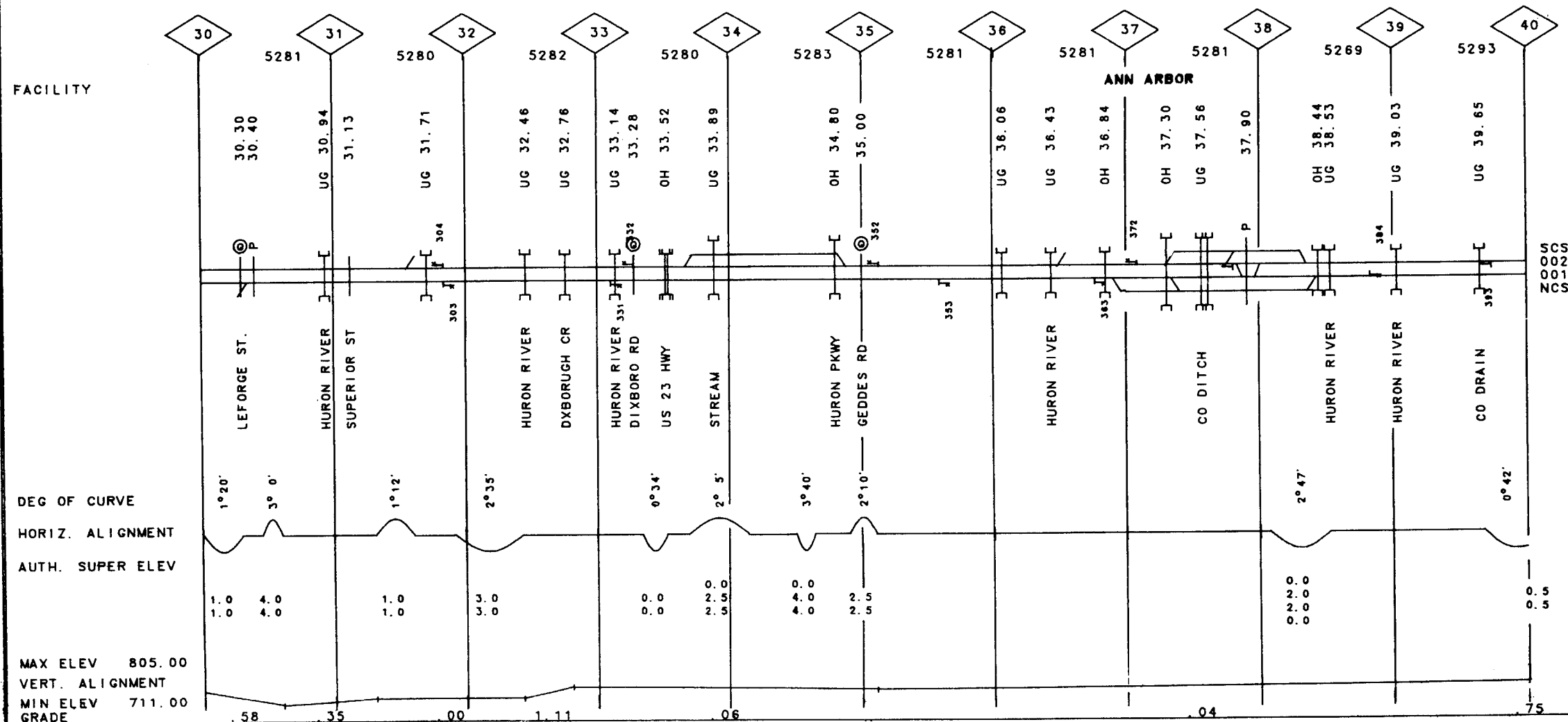


DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

MAX ELEV 621.00
VERT. ALIGNMENT
MIN ELEV 590.00
GRADE



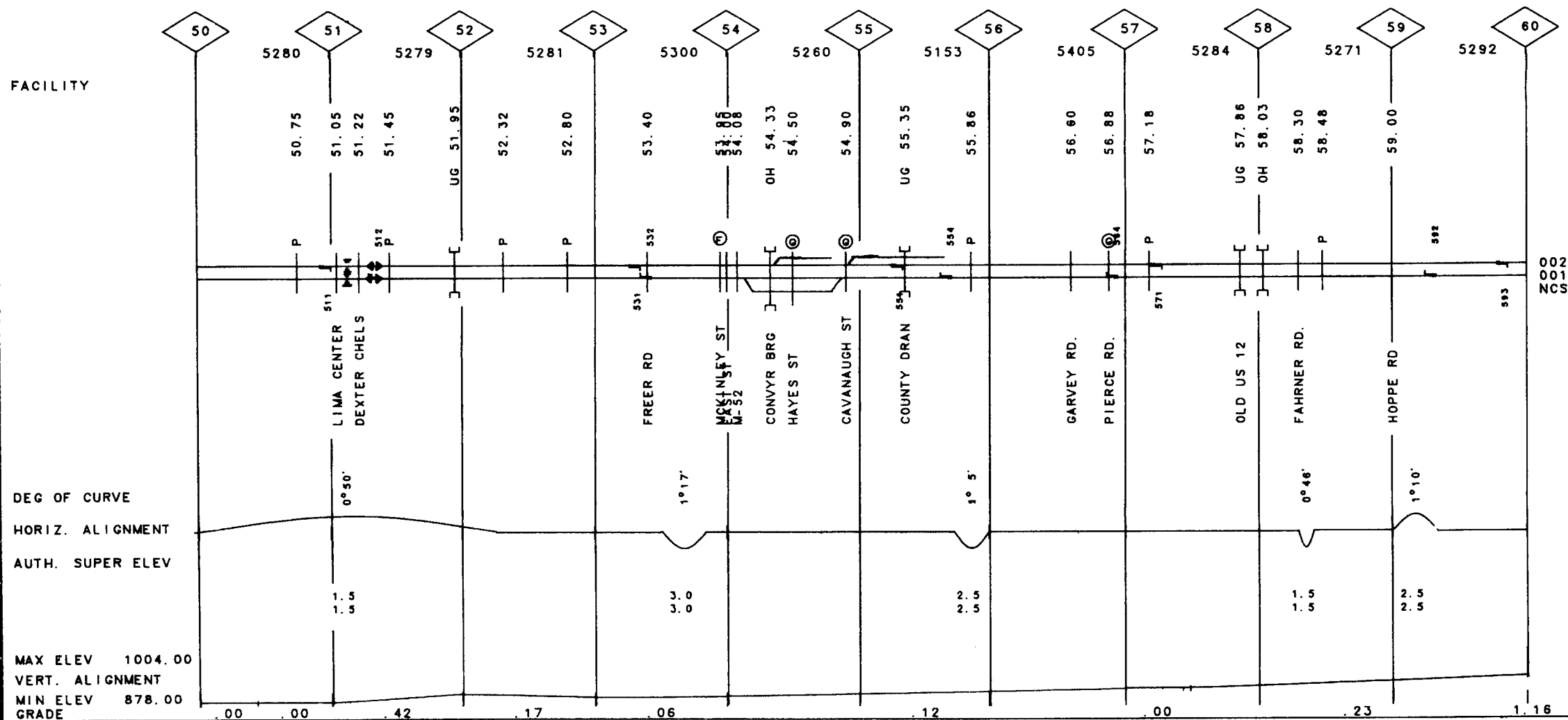
WEST ANN ARBOR

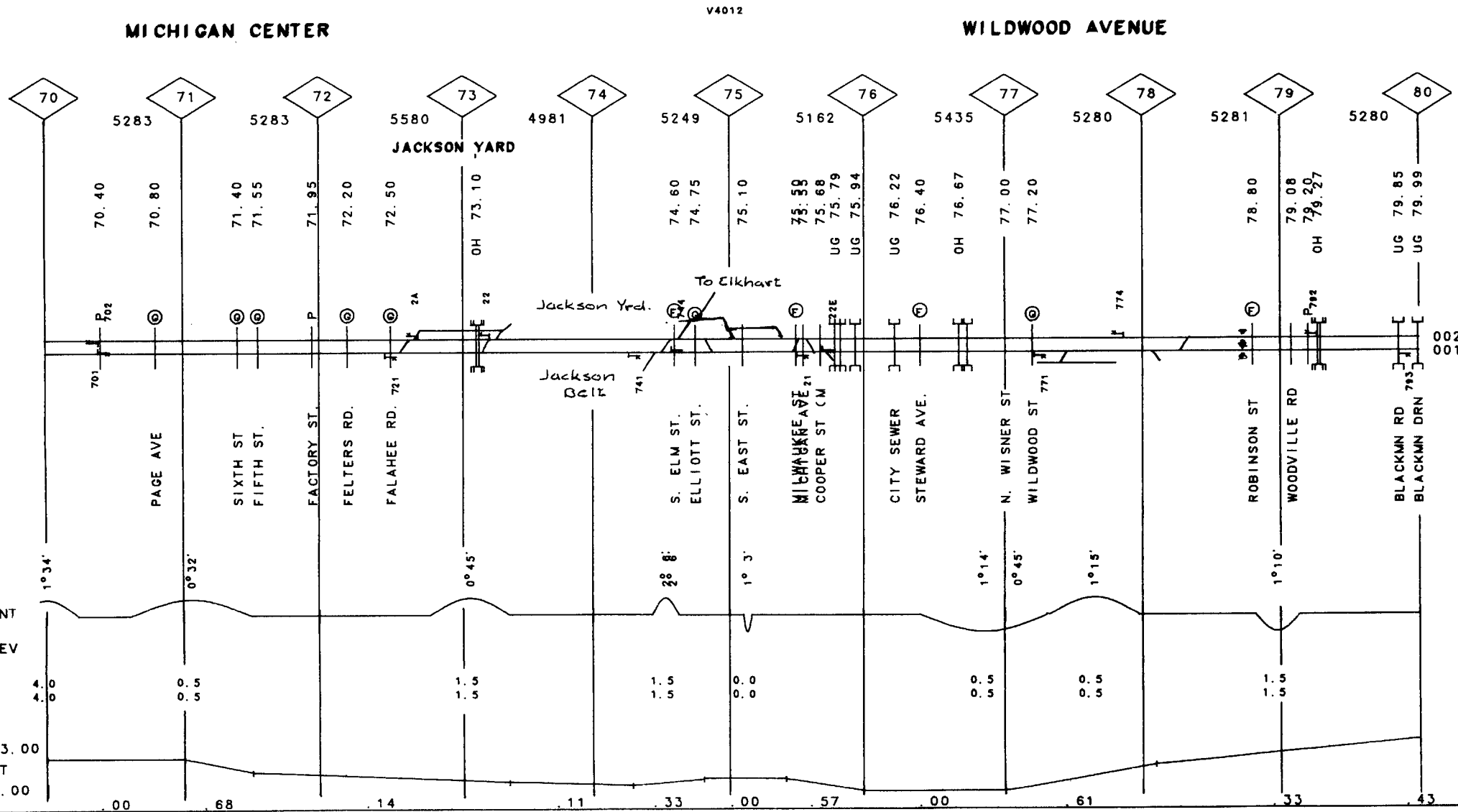


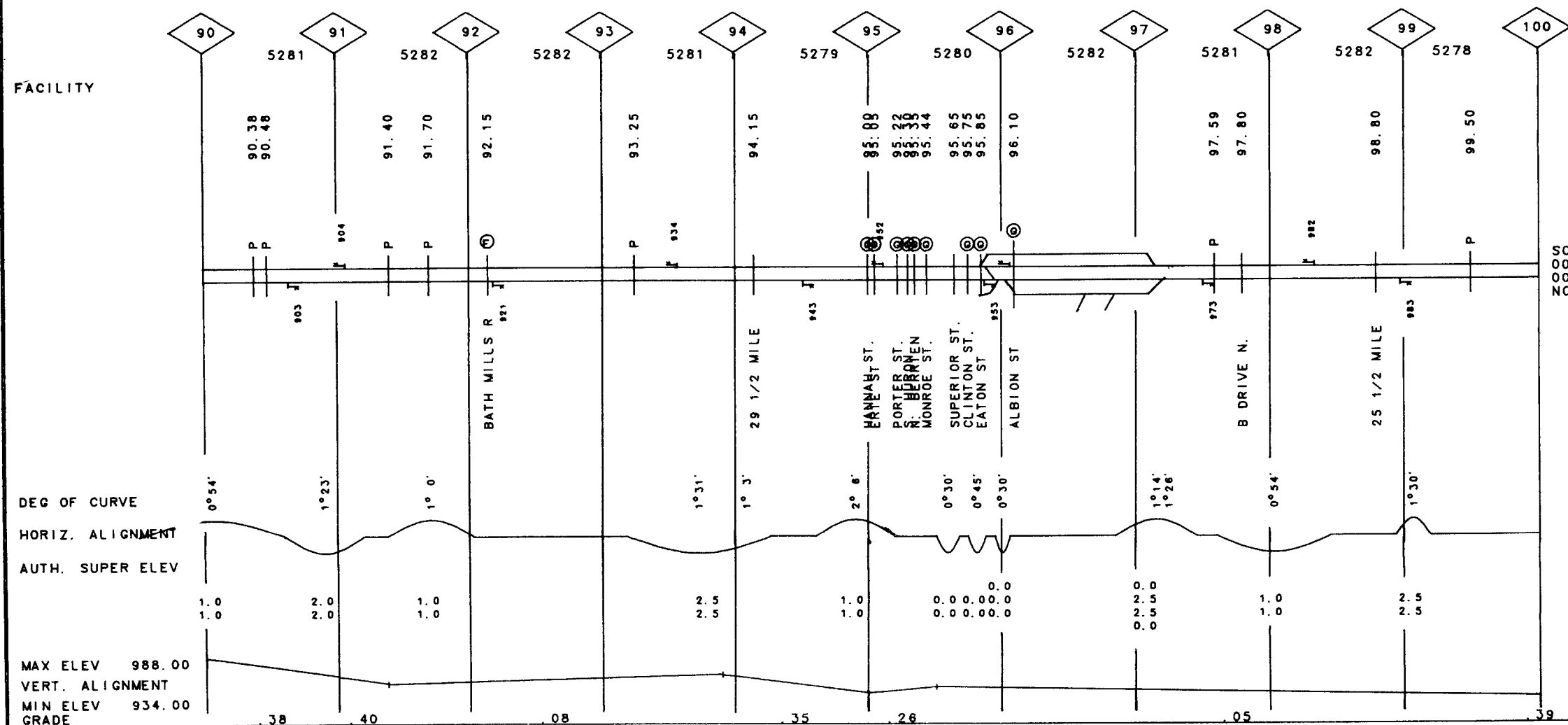
001

V4012

CHELSEA







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

SCS

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

002

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

001

VALUATION
TOWN

MARENGO

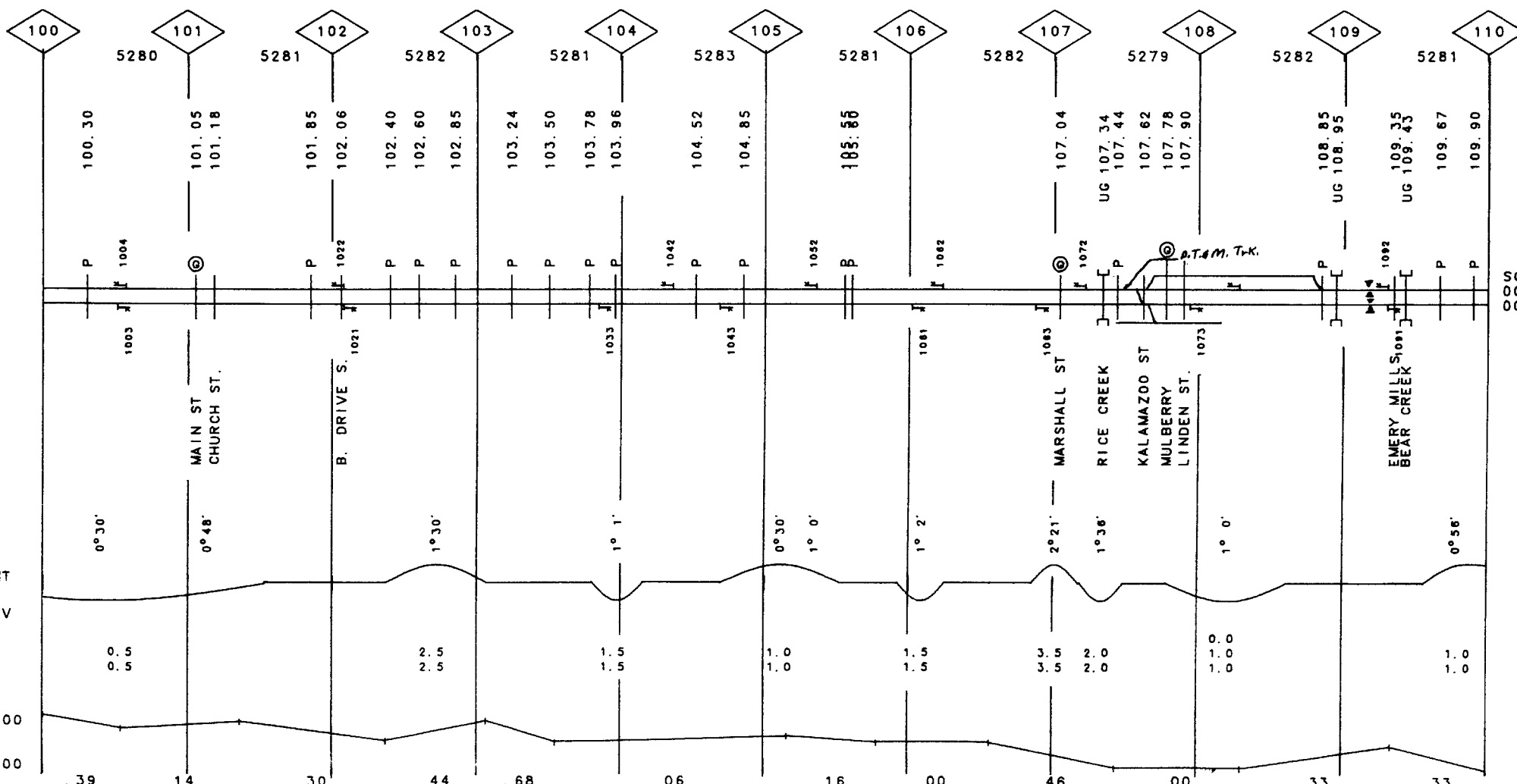
V4012

MARSHALL

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

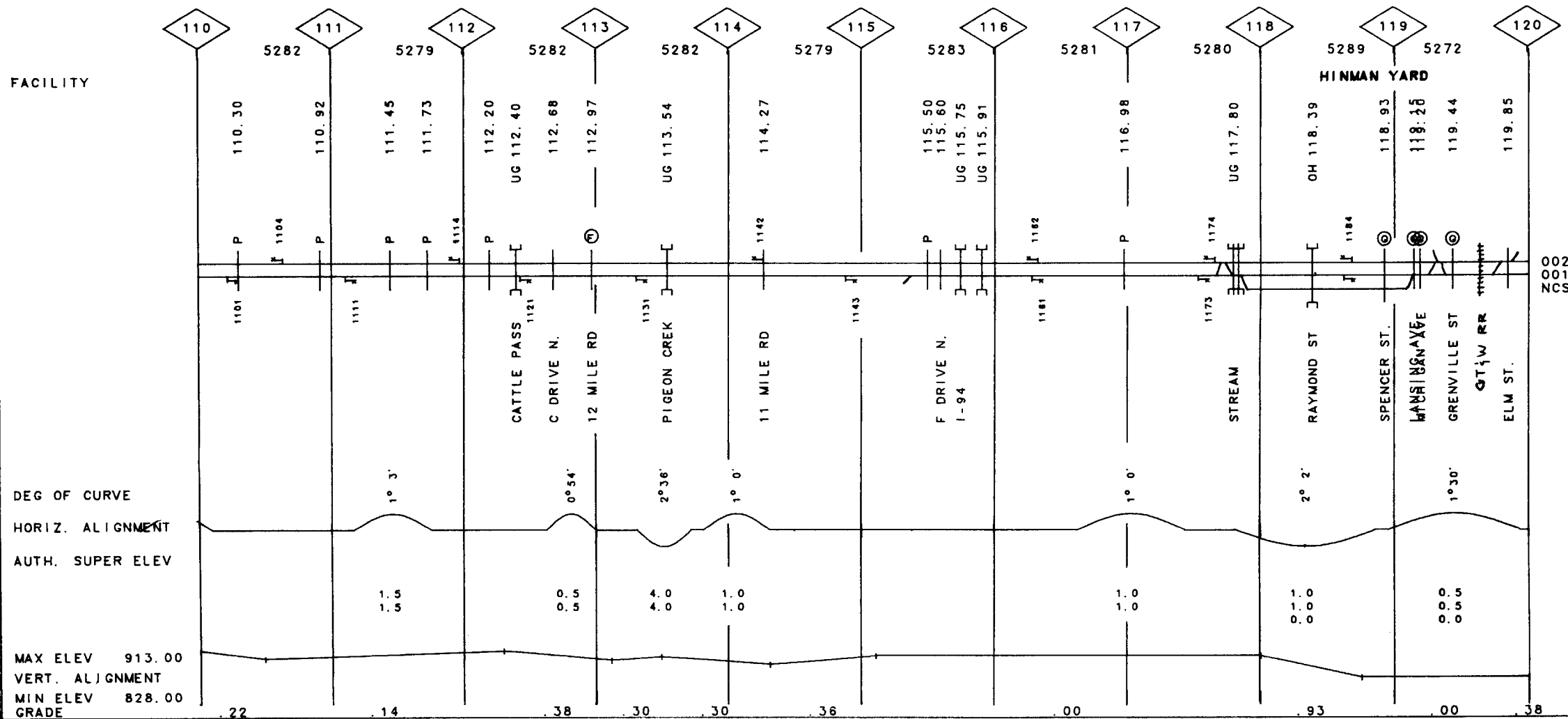
MAX ELEV 945.00
VERT. ALIGNMENT
MIN ELEV 900.00
GRADE



SCS
002
001

NCS

V4012



001

GRINDING				002
SURFACING		79T		80F
TIES		79		80
UNDERCUTTING				
RAIL		27-49		27-51
BAL CLEAN		79S	81	80S
TONNAGE(MGT)	6.3		7.2	0.8
T T SPEED	60/50/50		30/30/30	

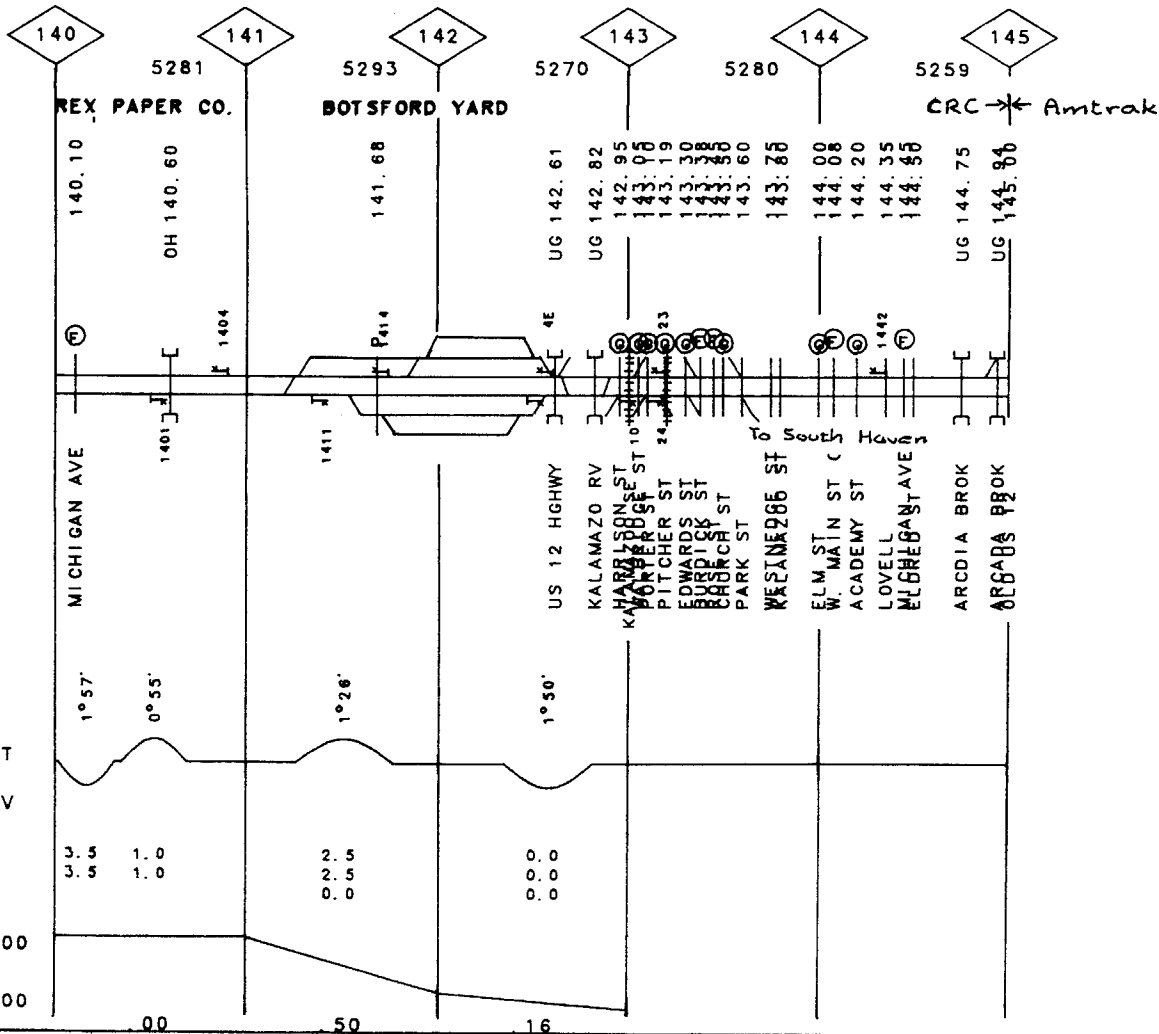
GRINDING				
SURFACING		81		80F
TIES		78		80
UNDERCUTTING				
RAIL	27-46		27-51	27-52
BAL CLEAN		81		80S
TONNAGE(MGT)	5.0		5.9	0.8
T T SPEED	60/50/50		30/30/30	

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

VALUATION
TOWN

KALAMAZOO

FACILITY



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GRINDING	
WELDING	55
SURFACING	79E
TIES	79
BARB	55HFF
RAIL	27-46
RAIL CLEAN	563
TONNAGE (HGT)	0.9

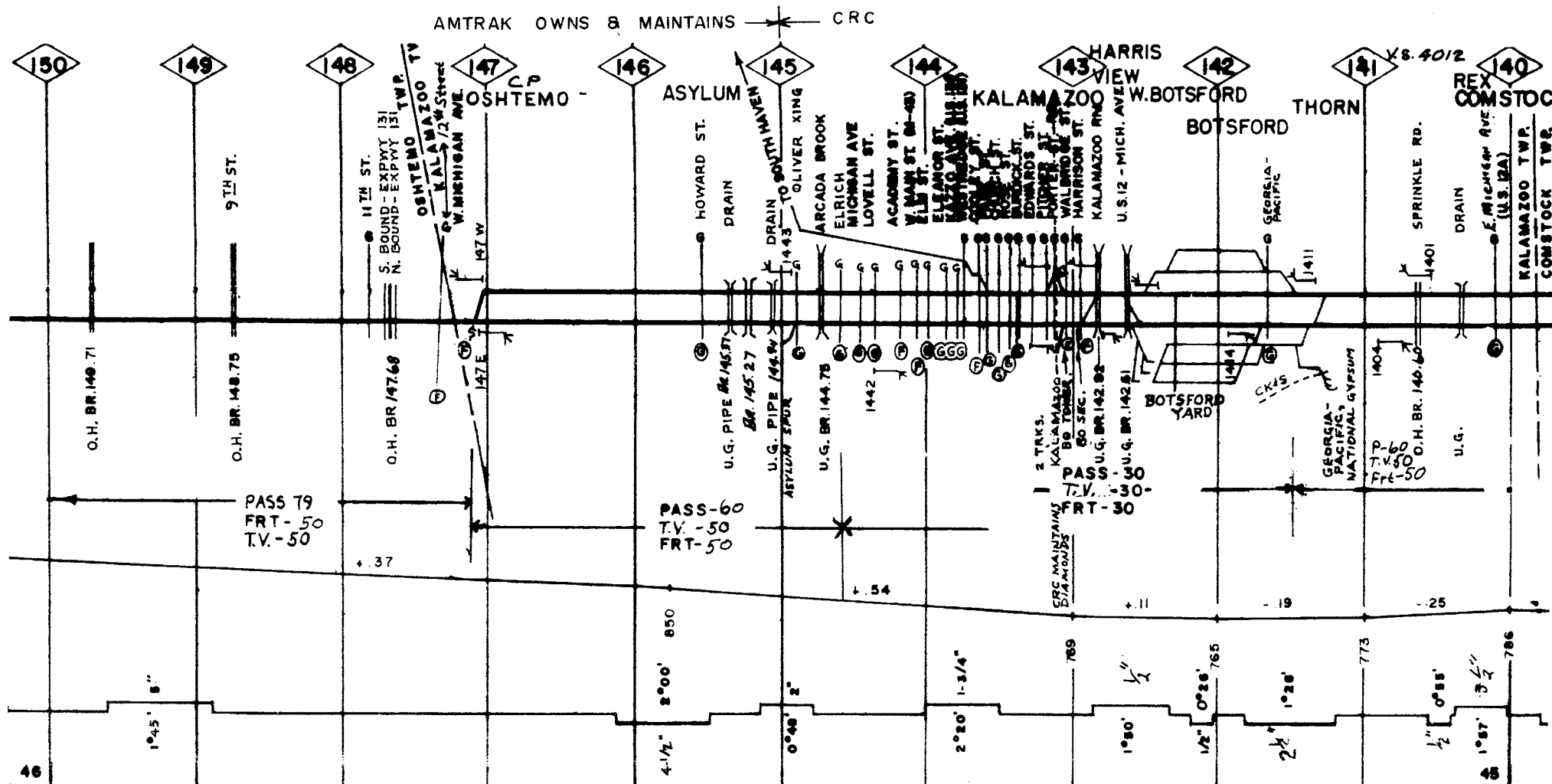
007

GRINDING					
WELDING					59
SURFACING	79E		80E		78E
TIES	79		80		78
BARB					55HFF
RAIL	27-49	27-50	27-52	27-51	27-46
RAIL CLEAN	665		803	875	875
TONNAGE (HGT)	0.1		0.9		6.5

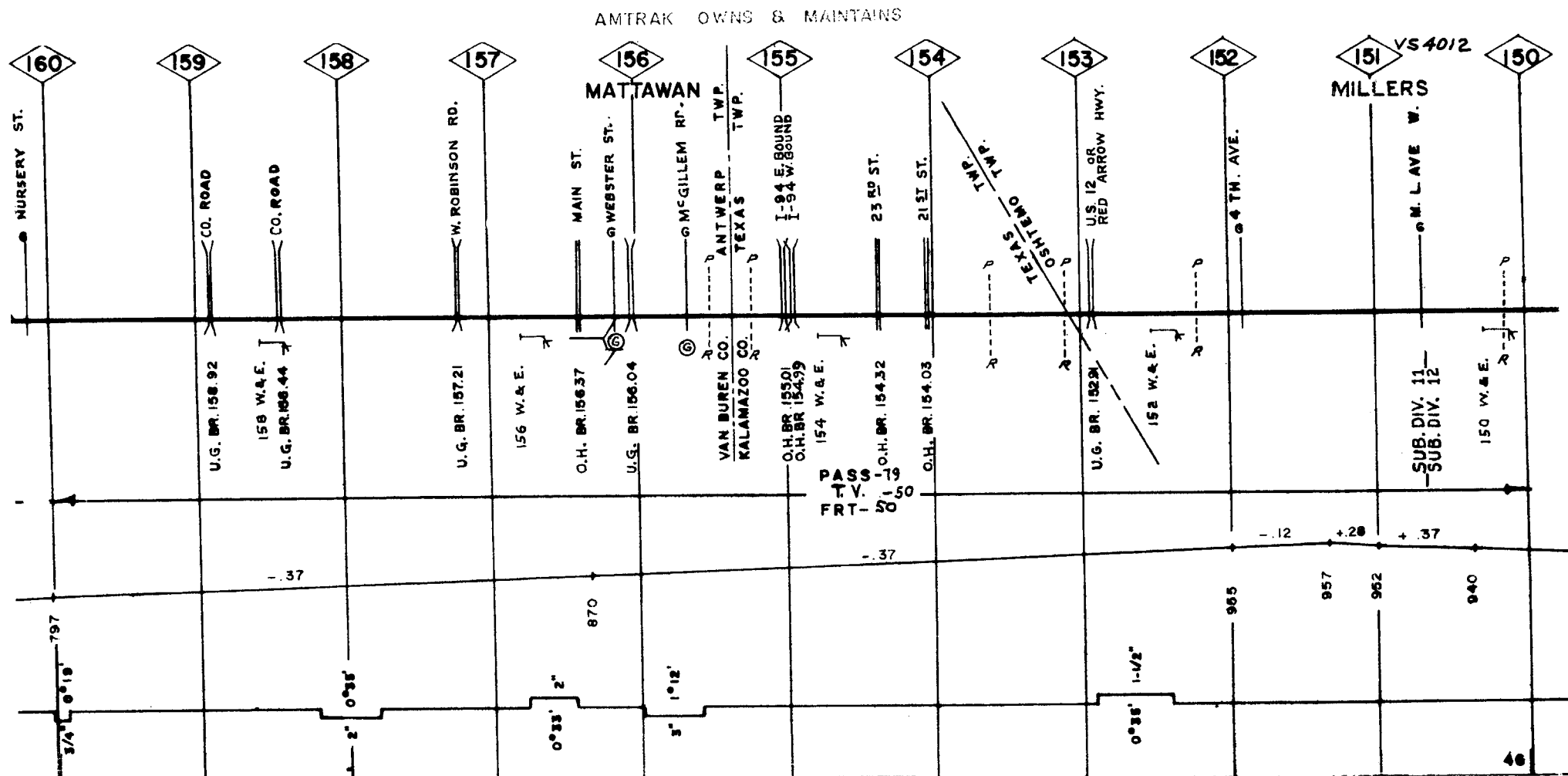
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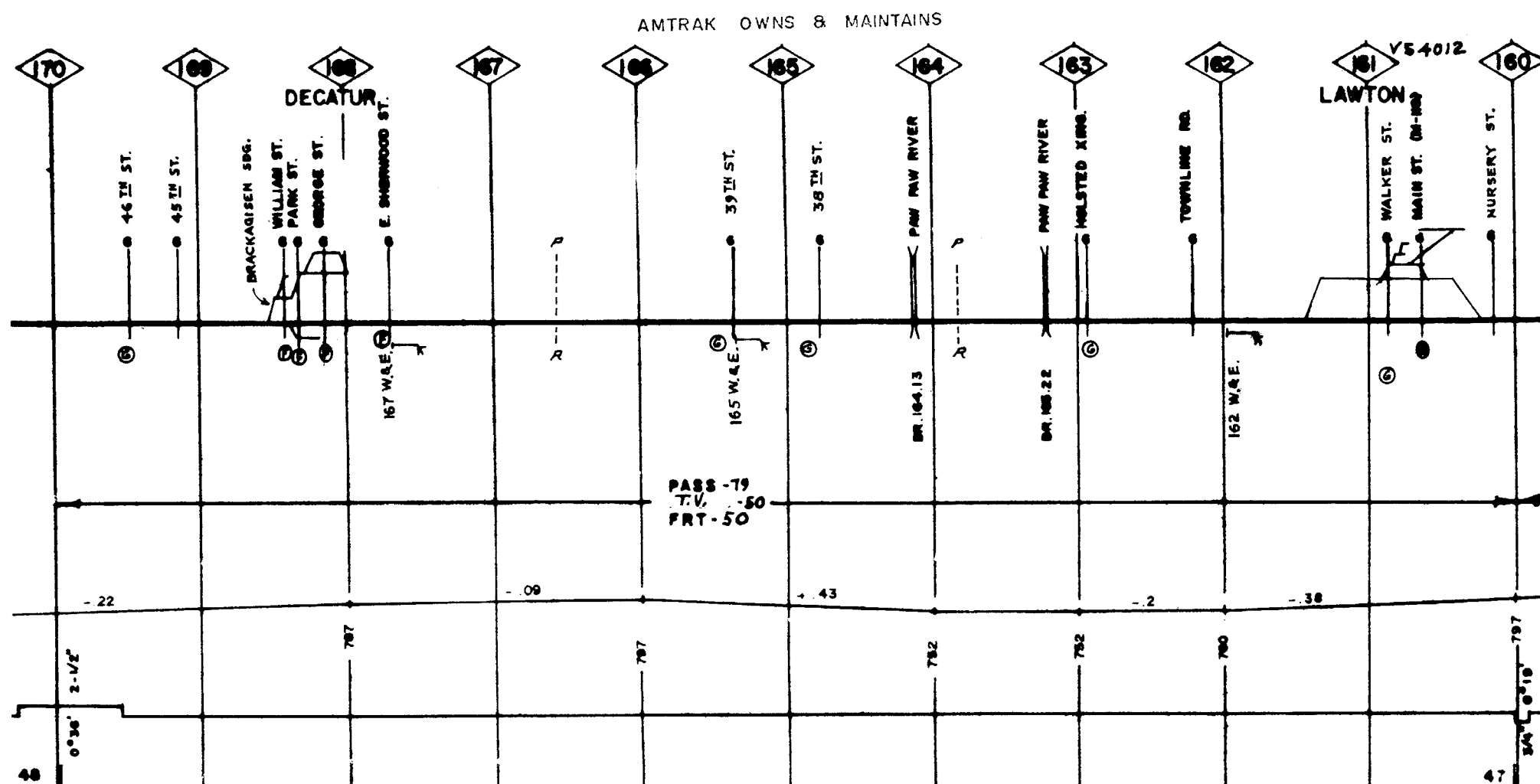
GRINDING					
WELDING		55		62	
SURFACING	79E		80E		79E
TIES	79		80		79
BARB			55HFF		
RAIL	27-46	27-49	27-42	27-51	27-49
RAIL CLEAN	563	593	803	875	795
TONNAGE (HGT)	0.1		0.9		6.5

002



007

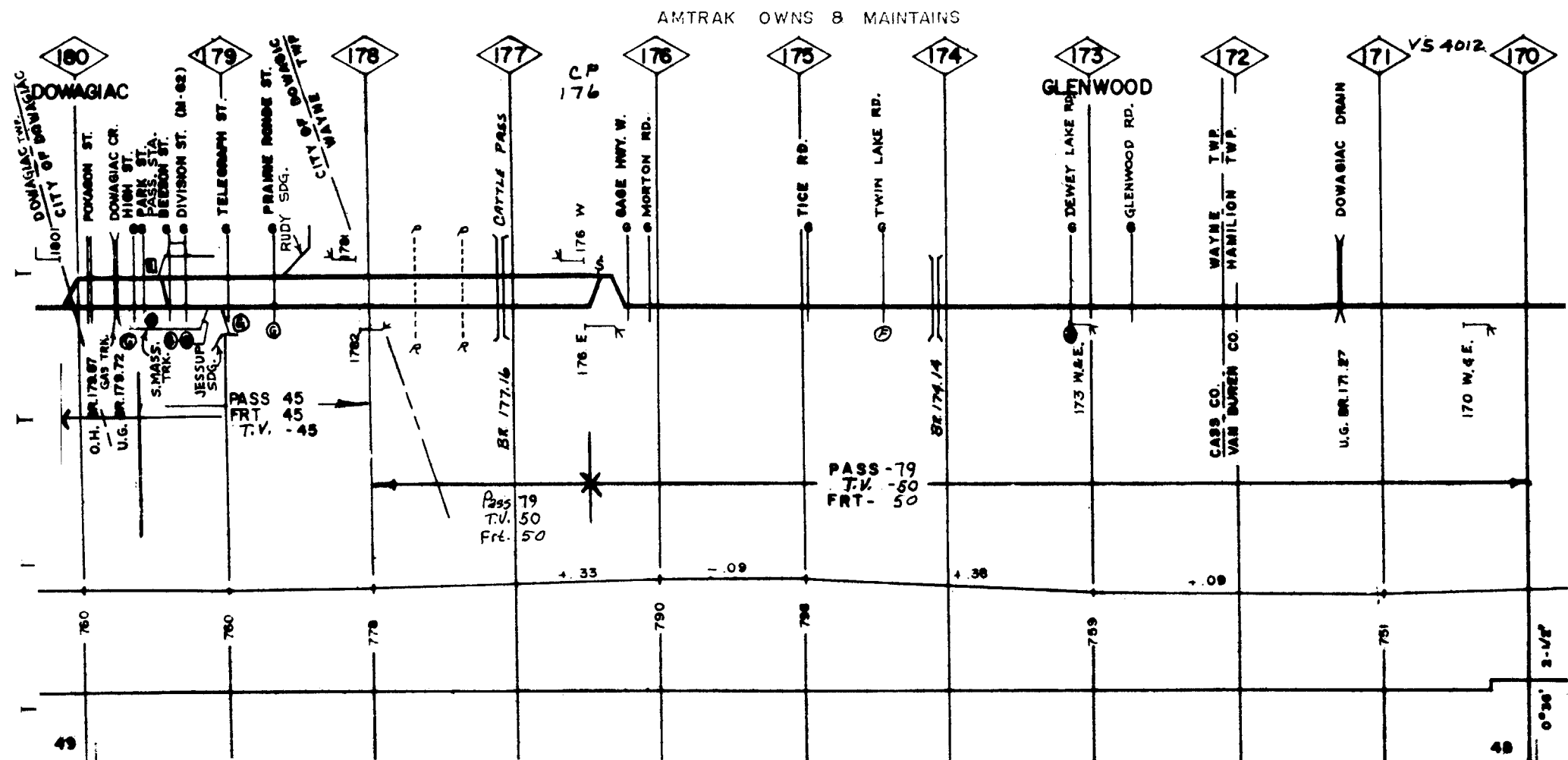




001

007

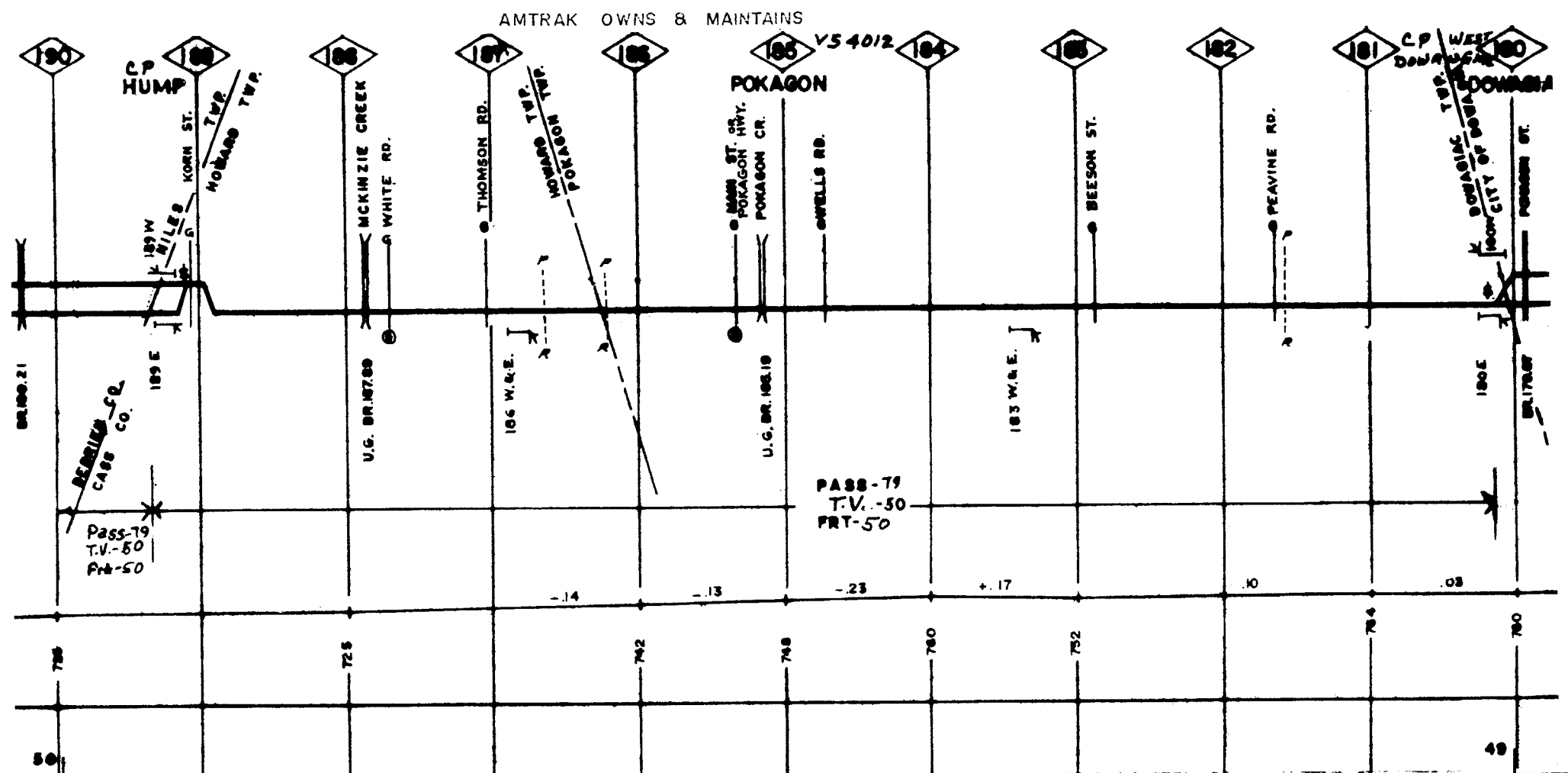
002



001

007

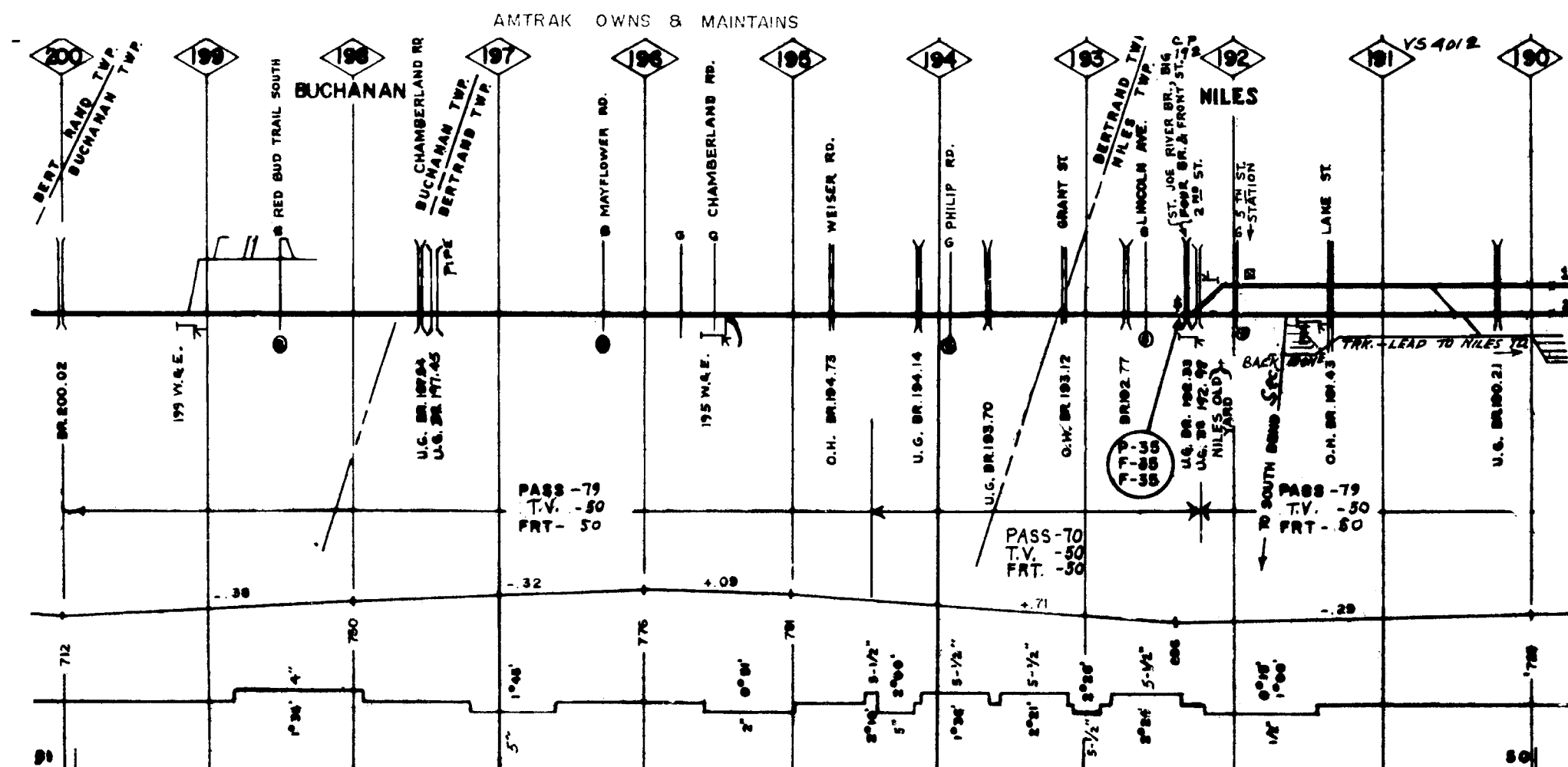
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001

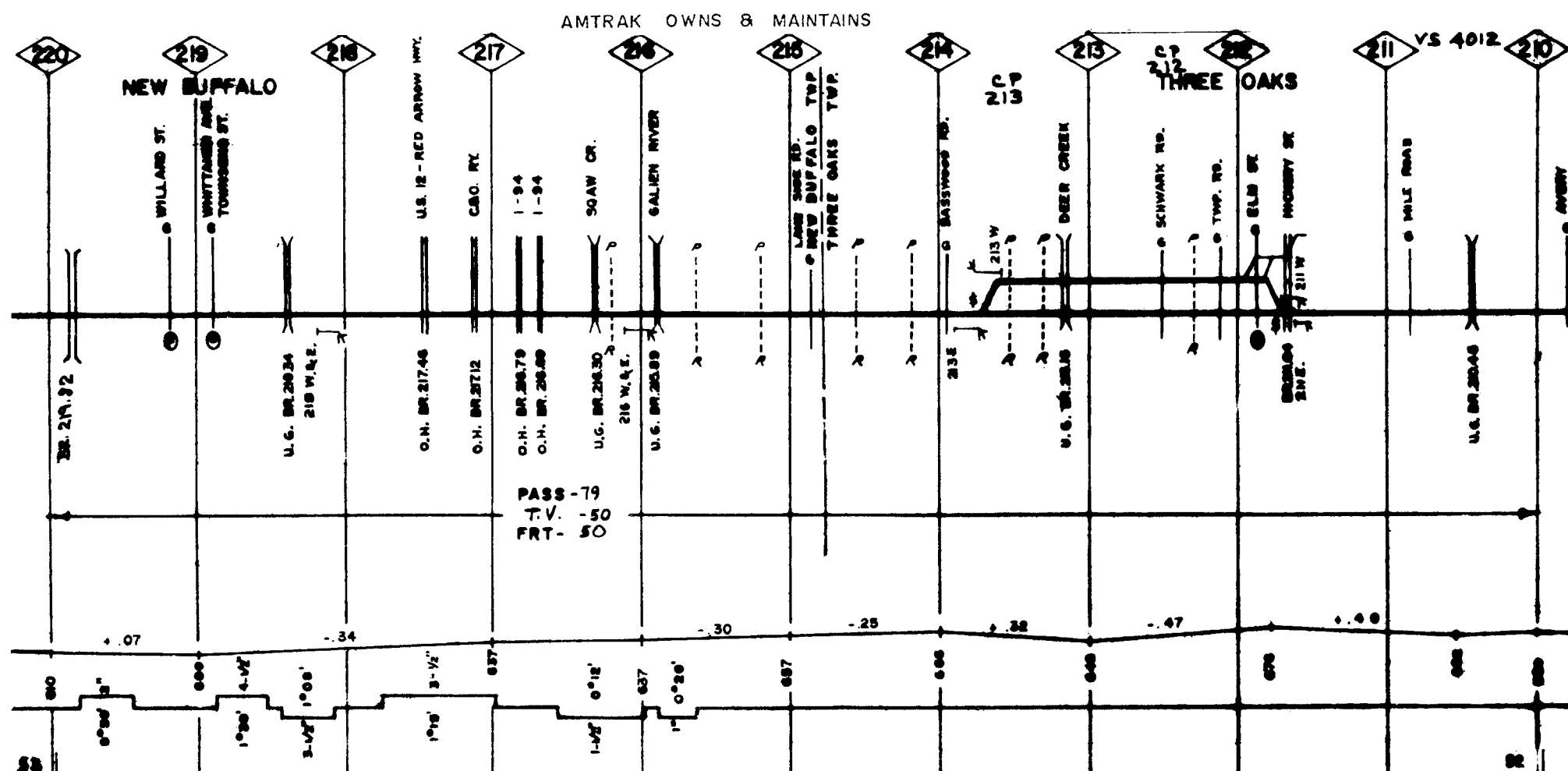
007

002



NCS

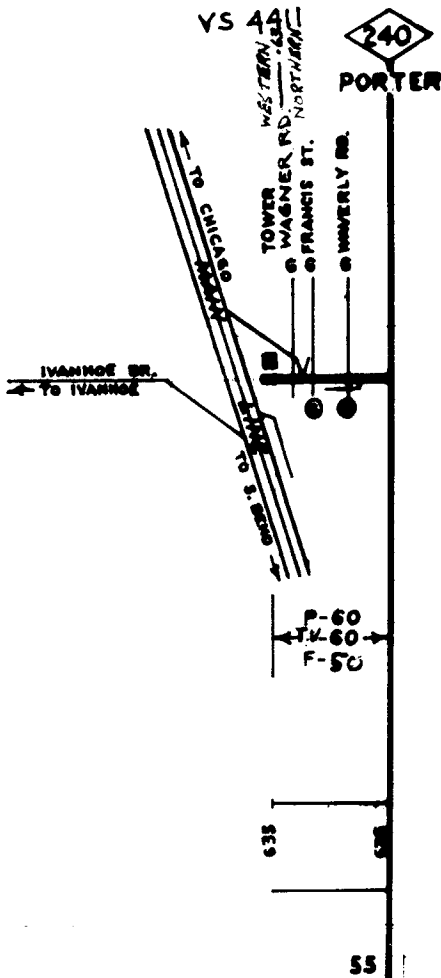
007



1982 CHART

GRINDING	
WELDING	
SURFACING	55M
TIES	53
BARB	
RAIL	27-52
RAIL CLEAN	53N
TONNAGE (MGT)	2.2

007



GRINDING				
SURFACING	79E	73	73E	
TIES	79	48		
UNDERCUTTING				
RAIL	00---	05---	00---	05---
BAL CLEAN				
TONNAGE(MGT)				
T T SPEED				

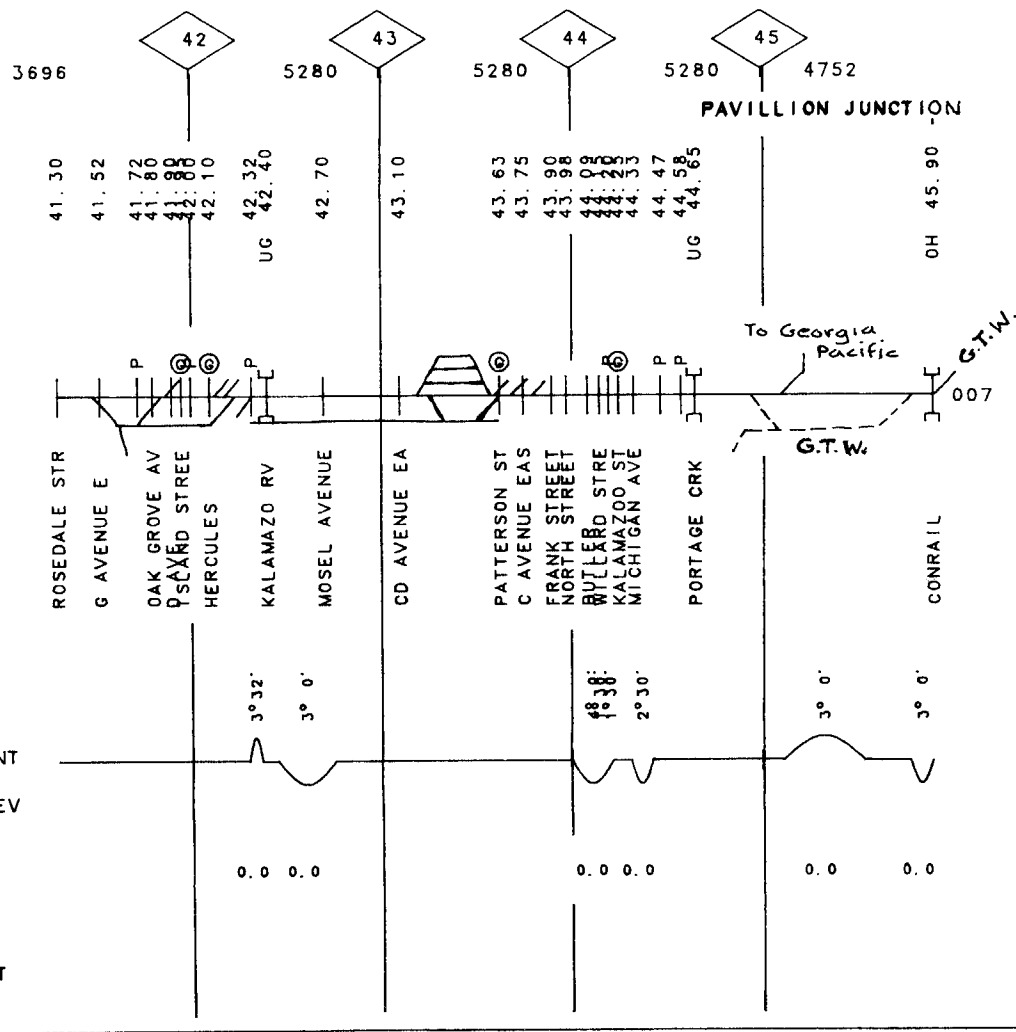
007

VALUATION
TOWN

PARCHMENT

KALAMAZOO

FACILITY



DEG OF CURVE

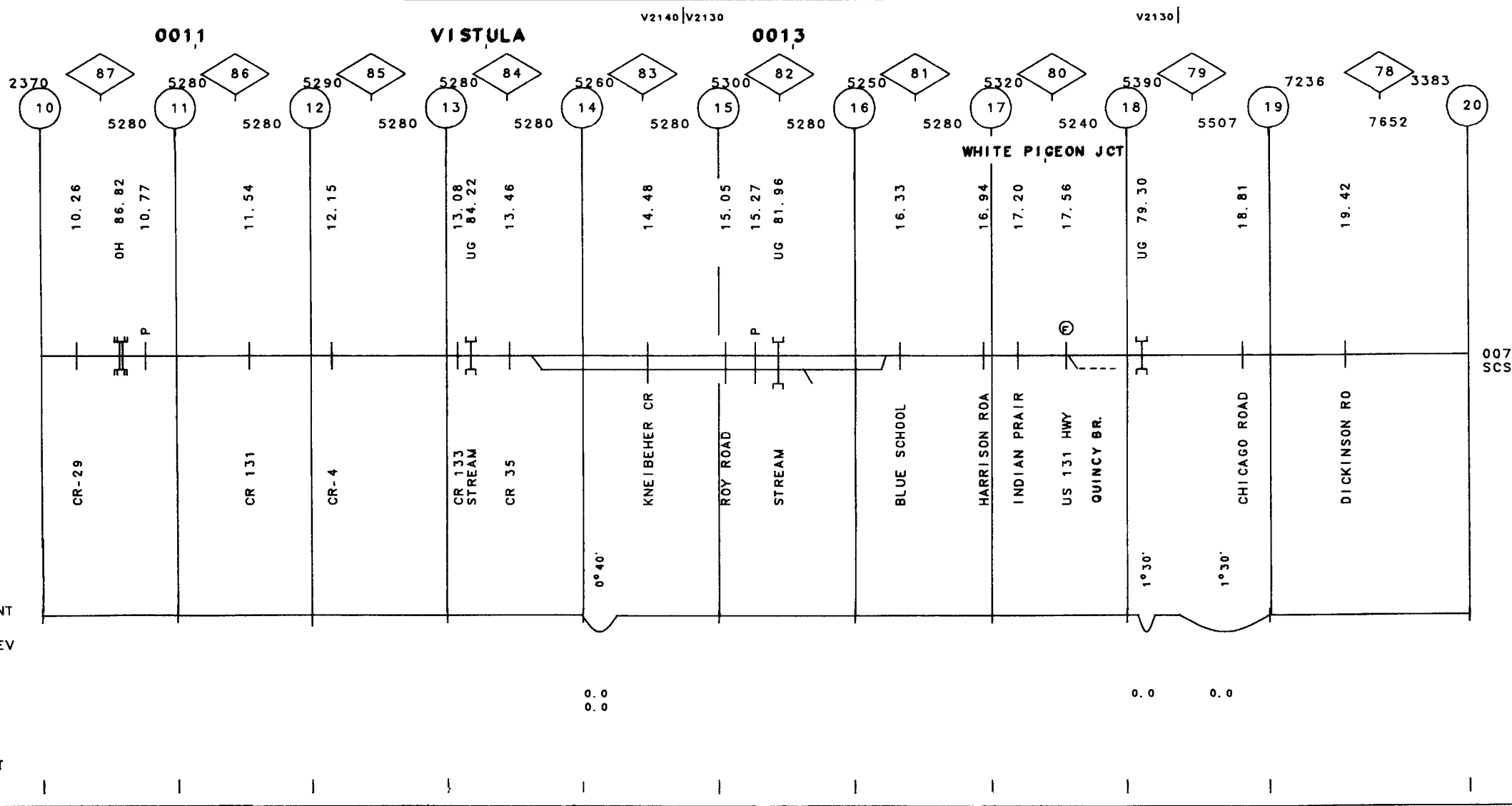
HORIZ. ALIGNMENT

AUTH. SUPER ELEV

MAX ELEV

VERT. ALIGNMENT

MIN ELEV
GRADE



GRINDING						007	007		
SURFACING	81		78T	76		81		76E	73E
TIES								57	
UNDERCUTTING									
RAIL									
BAL CLEAN								27-57	
TONNAGE (MGT)	9.5			81		9.6		76S	
T T SPEED									

007

VALUATION
TOWN

CONSTANT INE

FACILITY

DEG OF CURVE

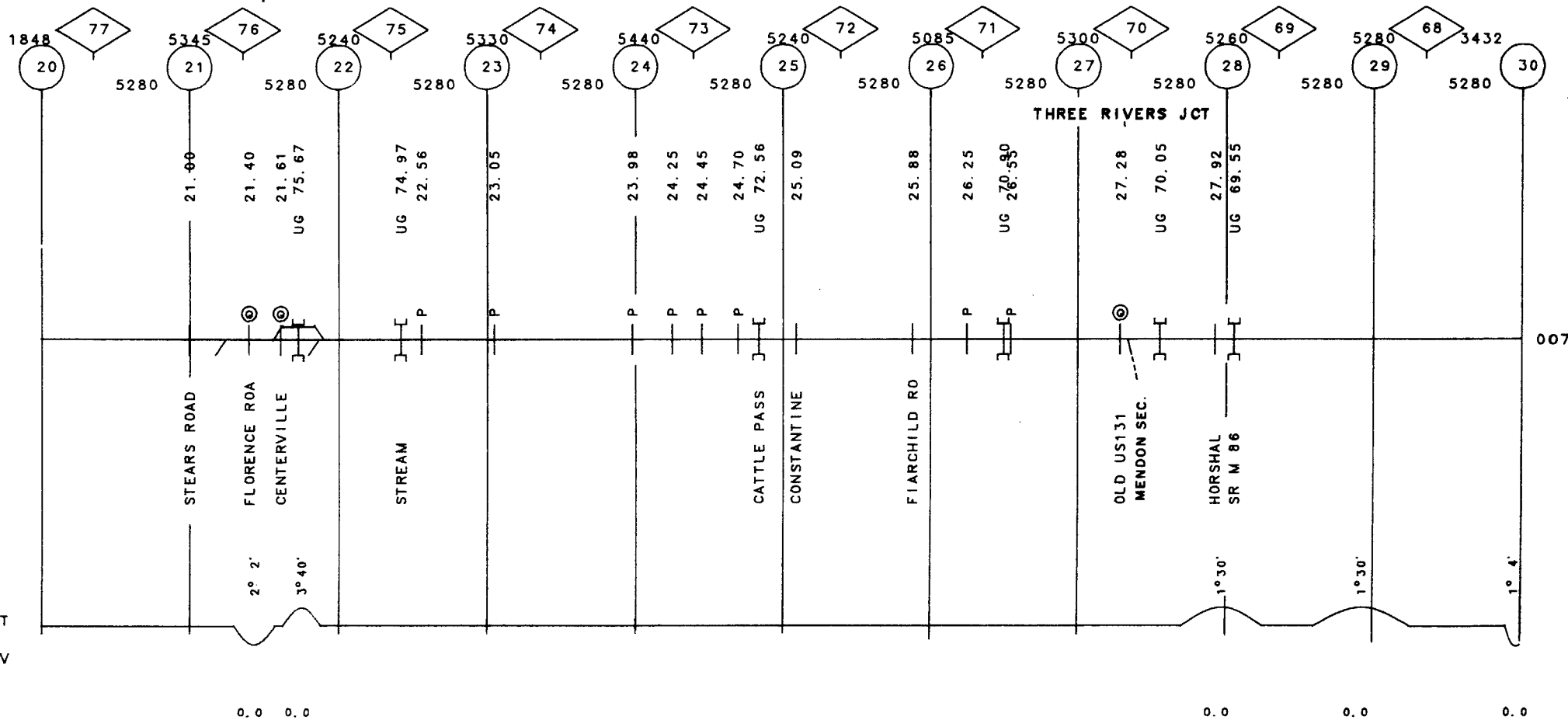
HORIZ. ALIGNMENT

AUTH. SUPER ELEV

MAX ELEV

VERT. ALIGNMENT

MIN ELEV
GRADE



GRINDING	
SURFACING	80E
TIES	76
UNDERCUTTING	
RAIL	12F78
BAL CLEAN	76S
TONNAGE (MGT)	9.6
T T SPEED	

007

VALUATION
TOWN

THREE RIVERS JCT

FACILITY

DEG OF CURVE

HORIZ. ALIGNMENT

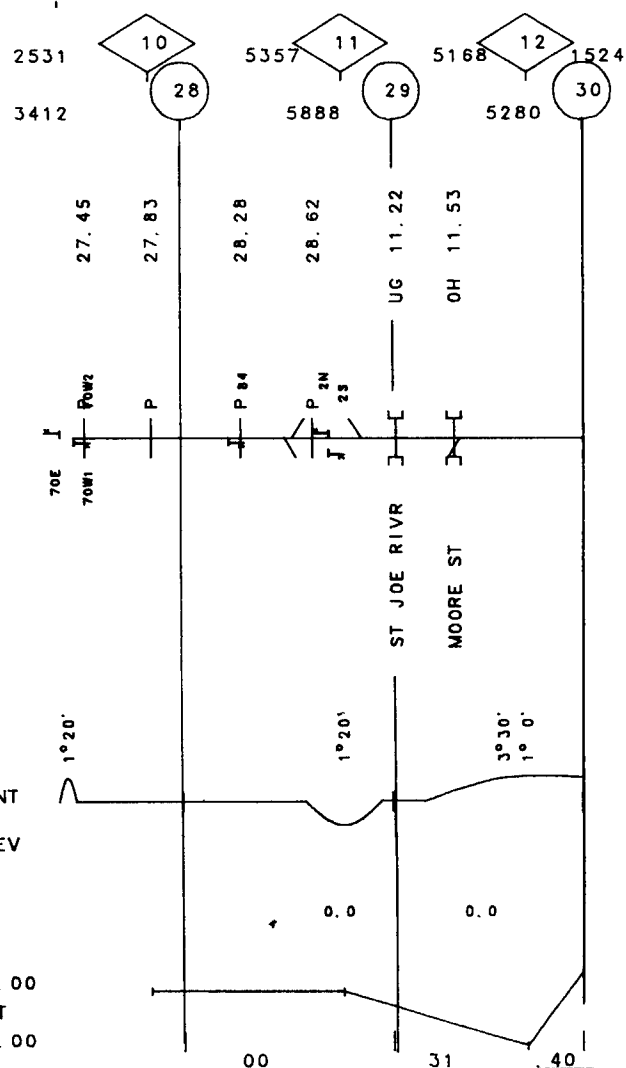
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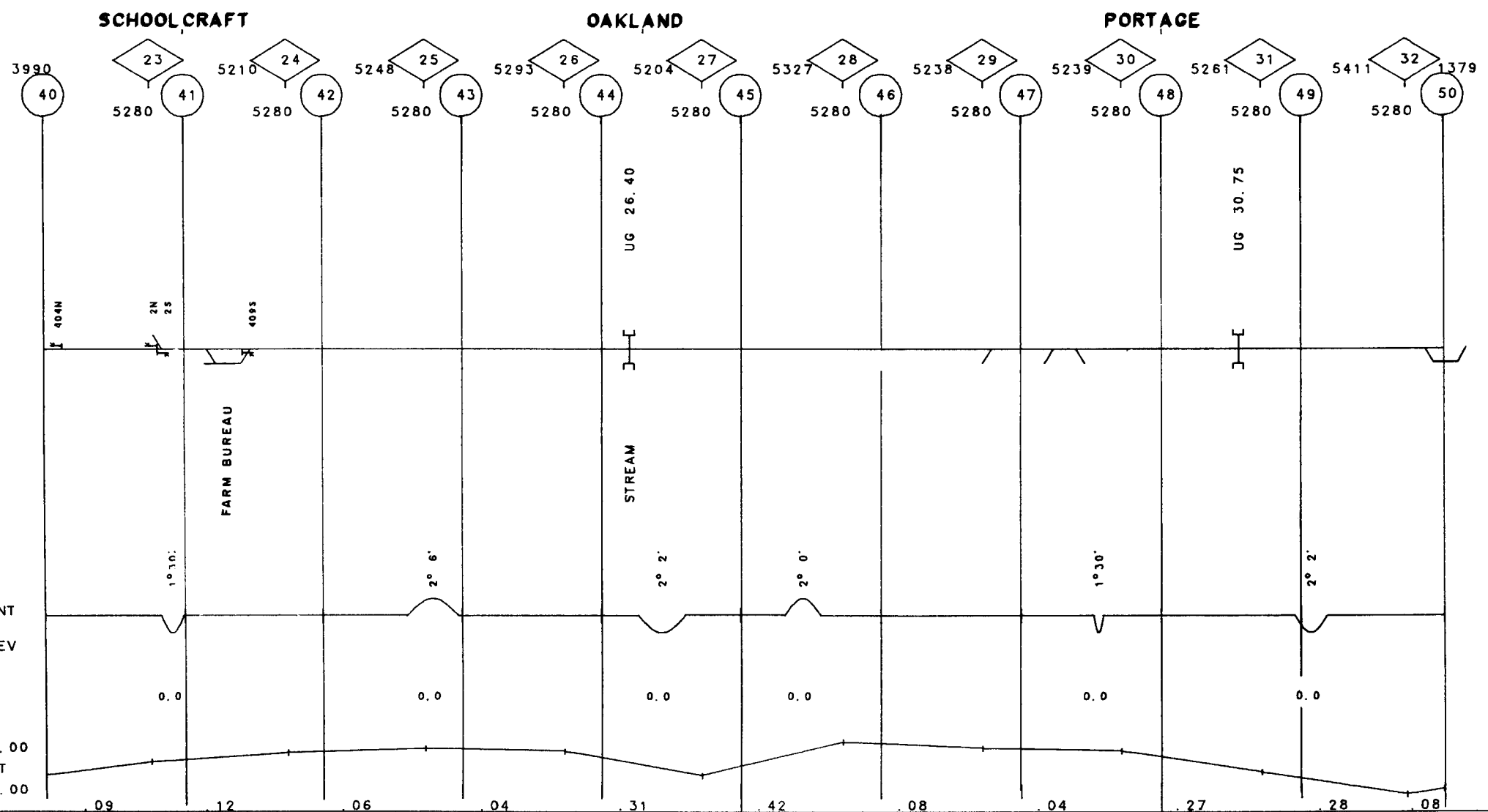
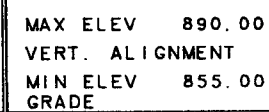
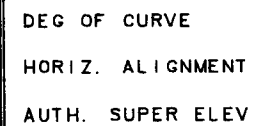
MAX ELEV 824.00

VERT. ALIGNMENT

MIN ELEV 803.00

GRADE



007

GRINDING	81	
SURFACING		79T
TIES		78
UNDERCUTTING		
RAIL	32-79	
BAL. CLEAN		78L
TONNAGE (MGT)		9.6
T T SPEED		

007

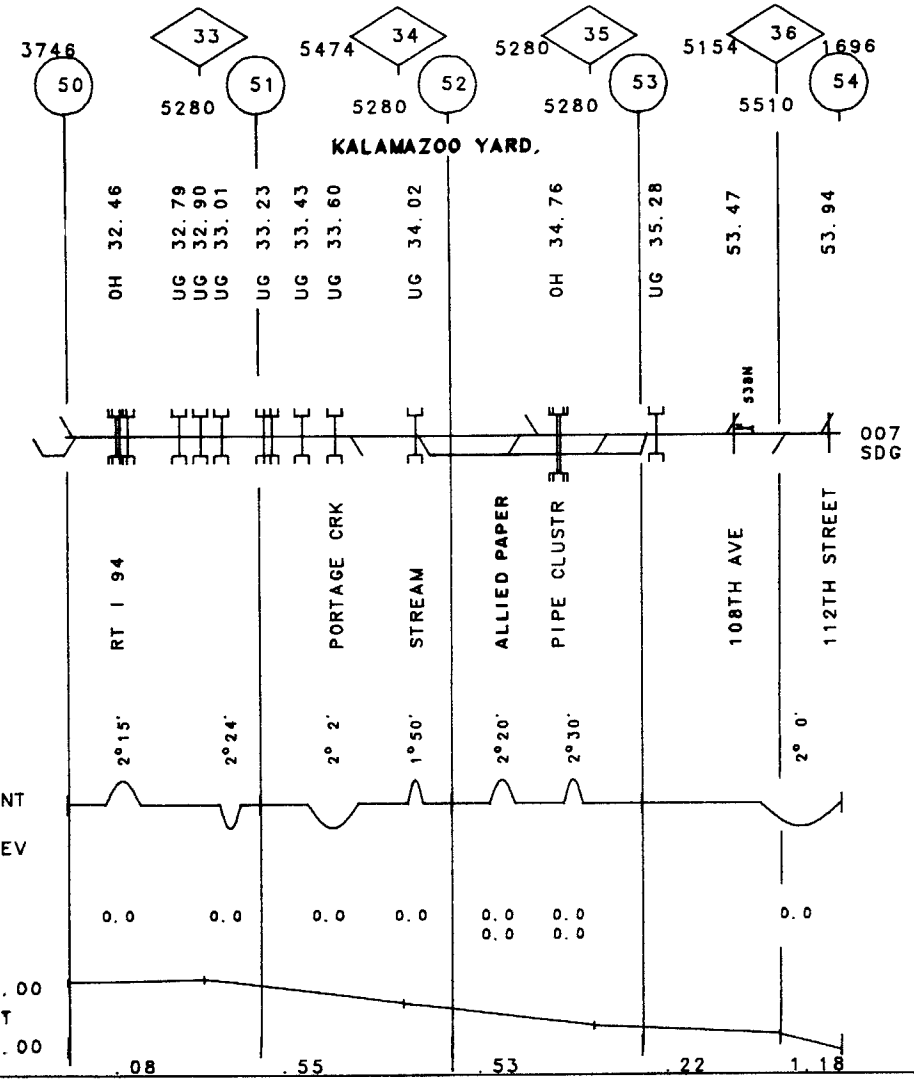
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SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	

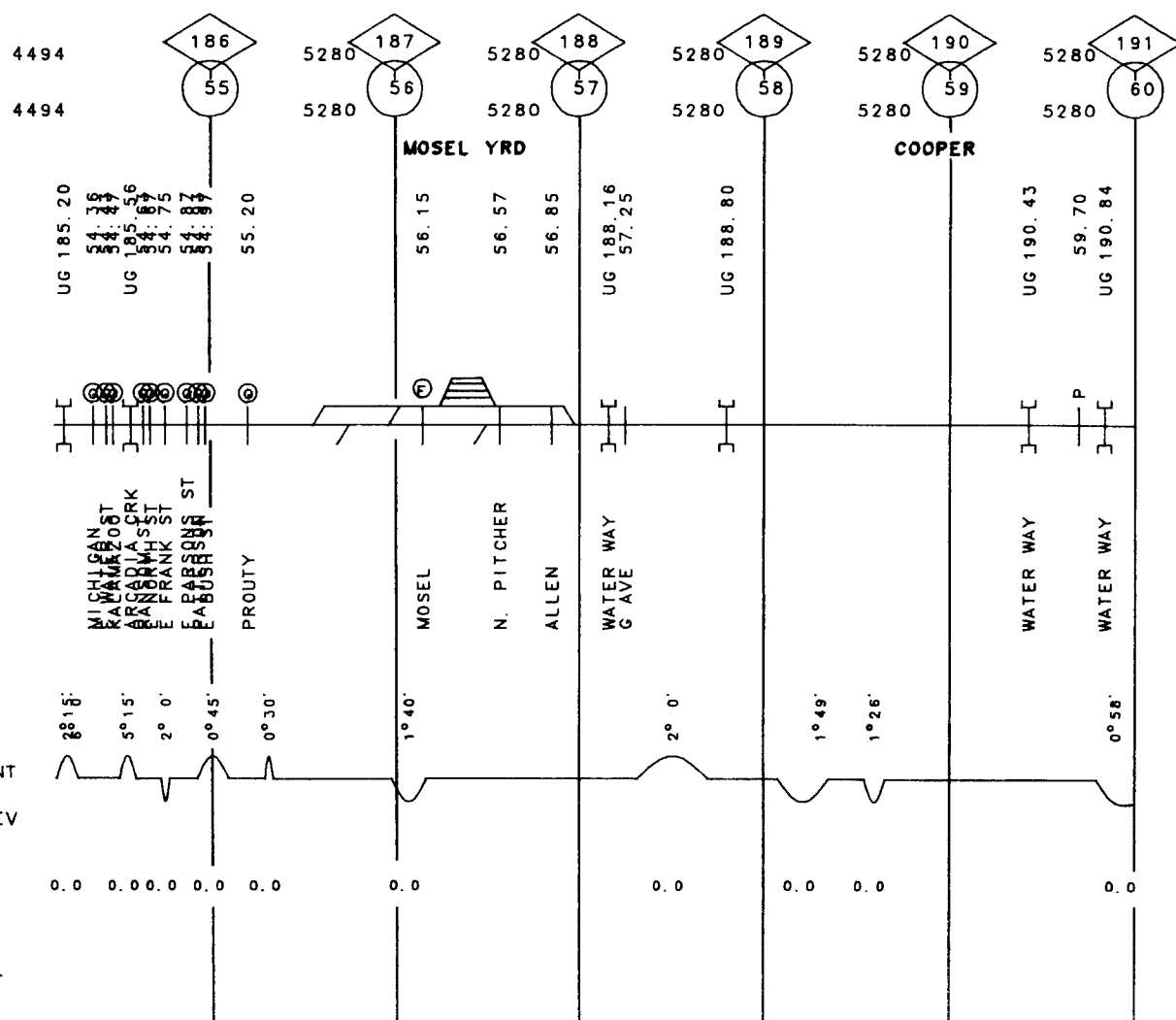
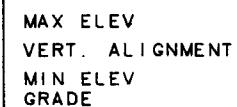
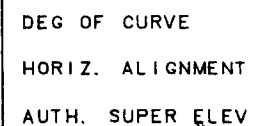
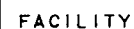
SDG

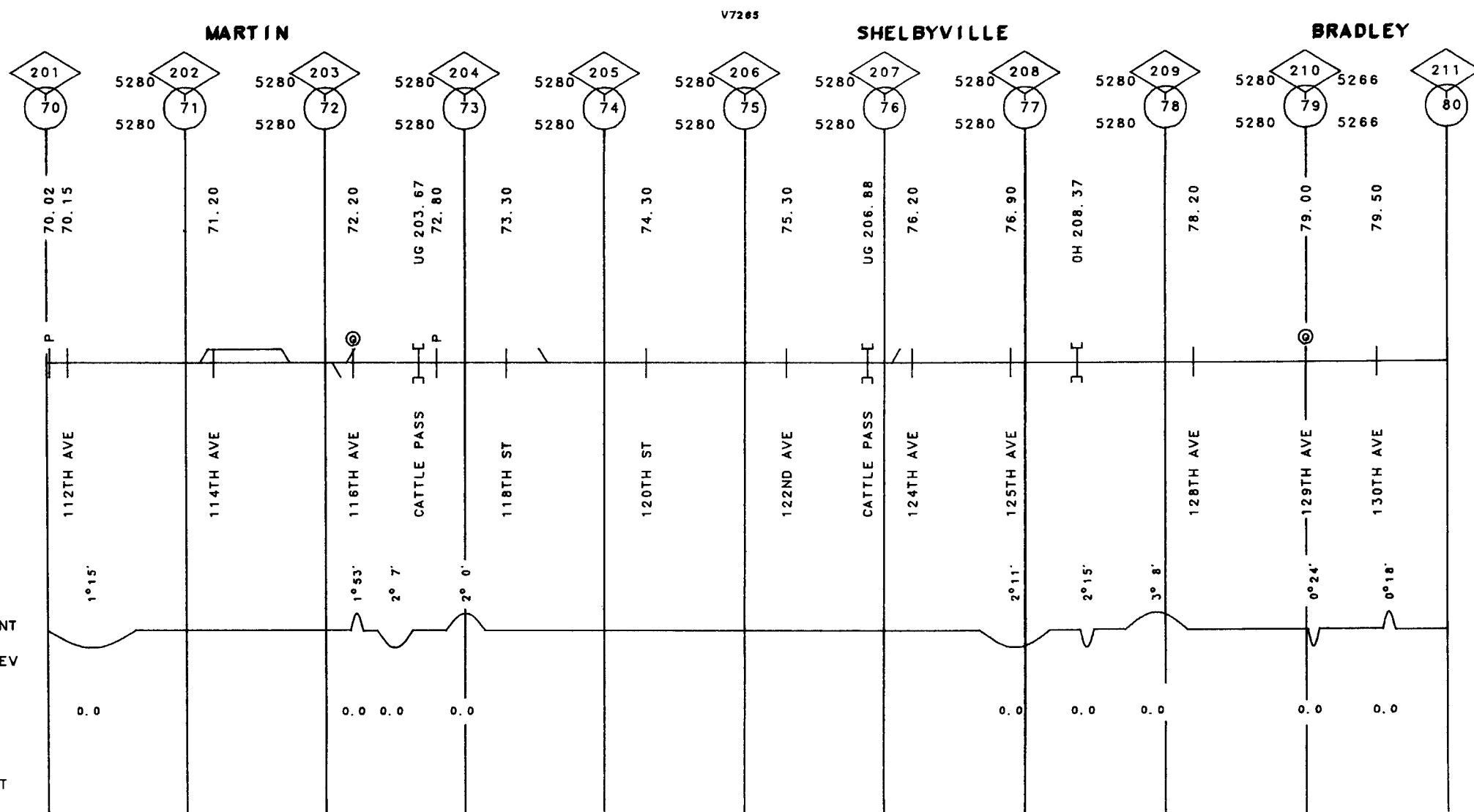
VALUATION
TOWN

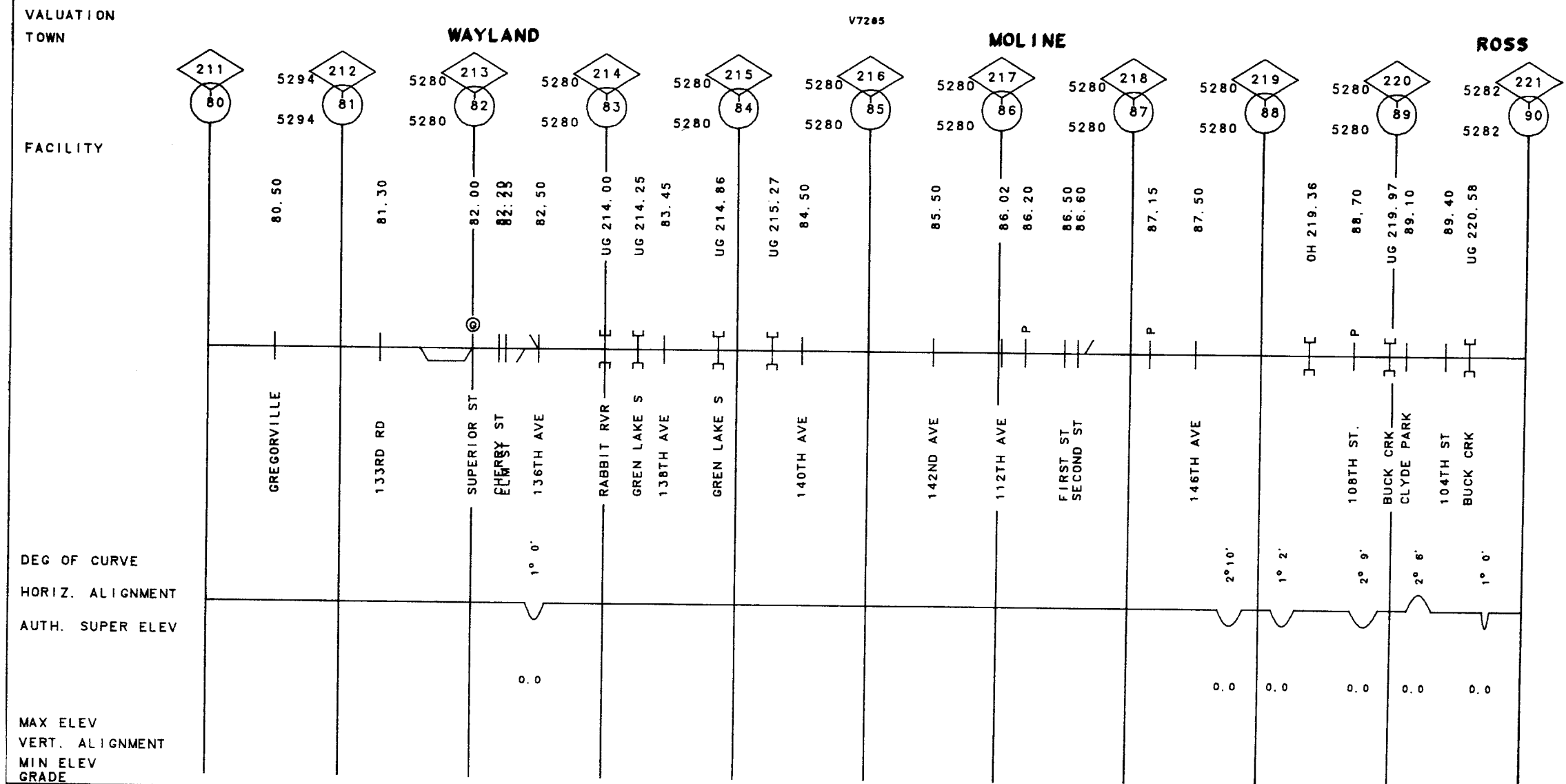
KALAMAZOO

FACILITY





007



007

GRINDING	007	007	007	007
SURFACING	80E		56H	
TIES	76			
UNDERCUTTING				
RAIL	00F29	00-60	52-60	007
BAL CLEAN	80S			
TONNAGE(MGT)	3.6			
T T SPEED				

VALUATION
TOWN

V7205 V7206
BURTON

FACILITY

DEG OF CURVE

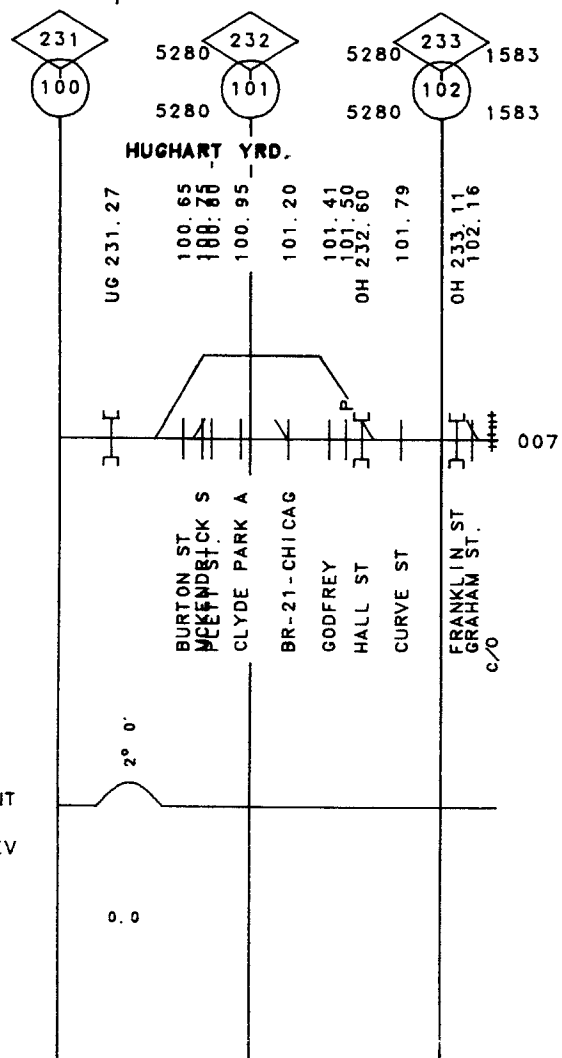
HORIZ. ALIGNMENT

AUTH. SUPER ELEV

MAX ELEV

VERT. ALIGNMENT

MIN ELEV
GRADE



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

007

VALUATION
TOWN

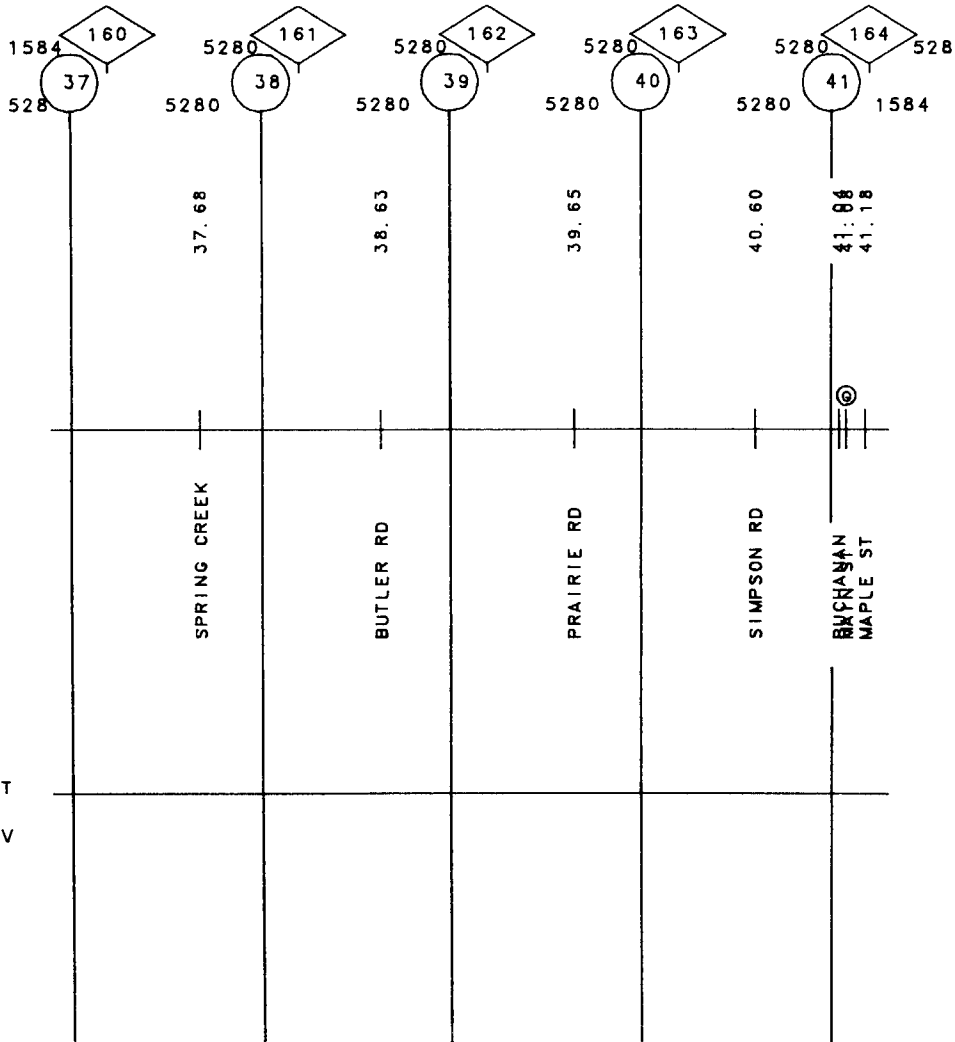
V7285

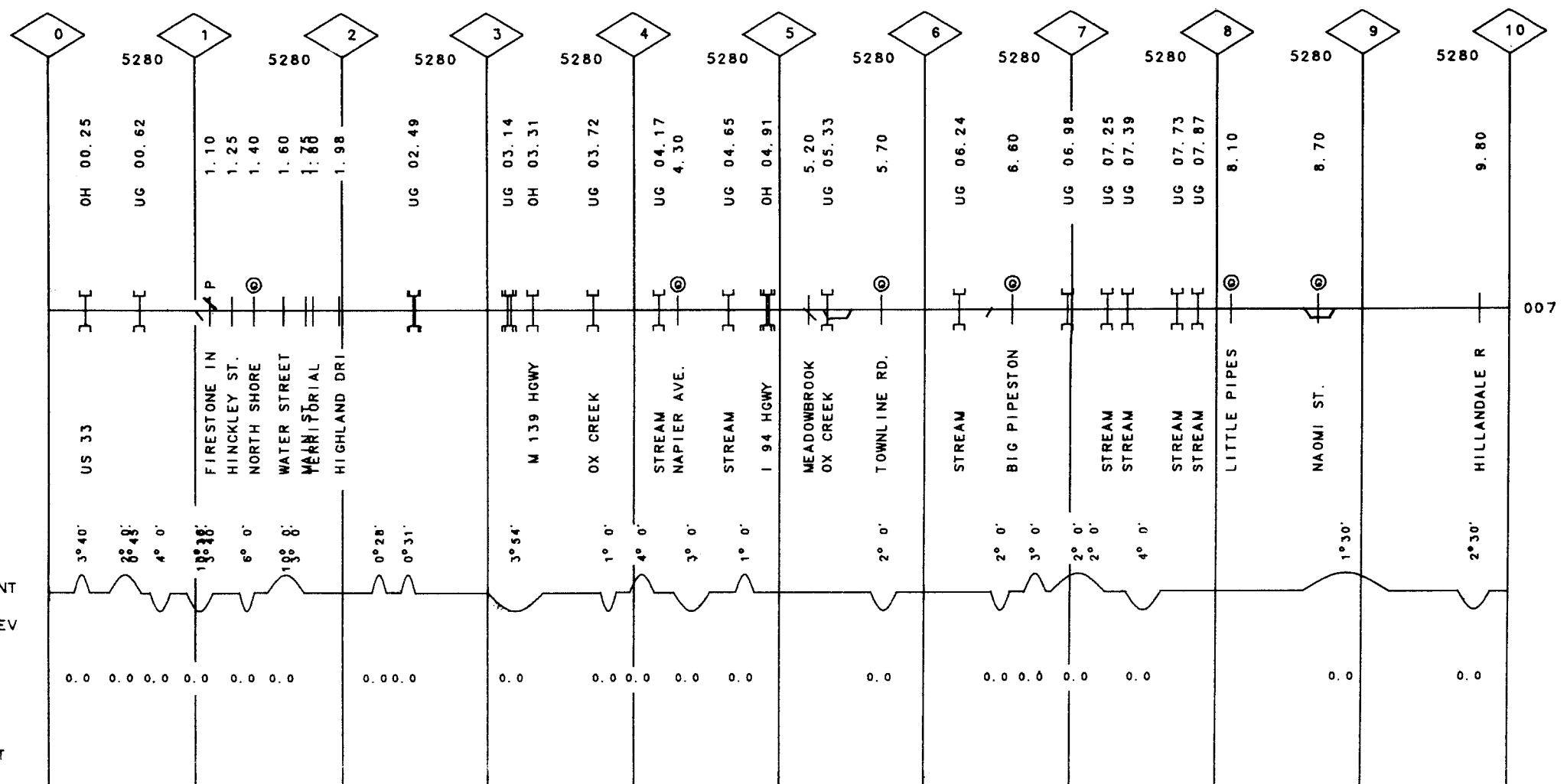
MENDON

FACILITY

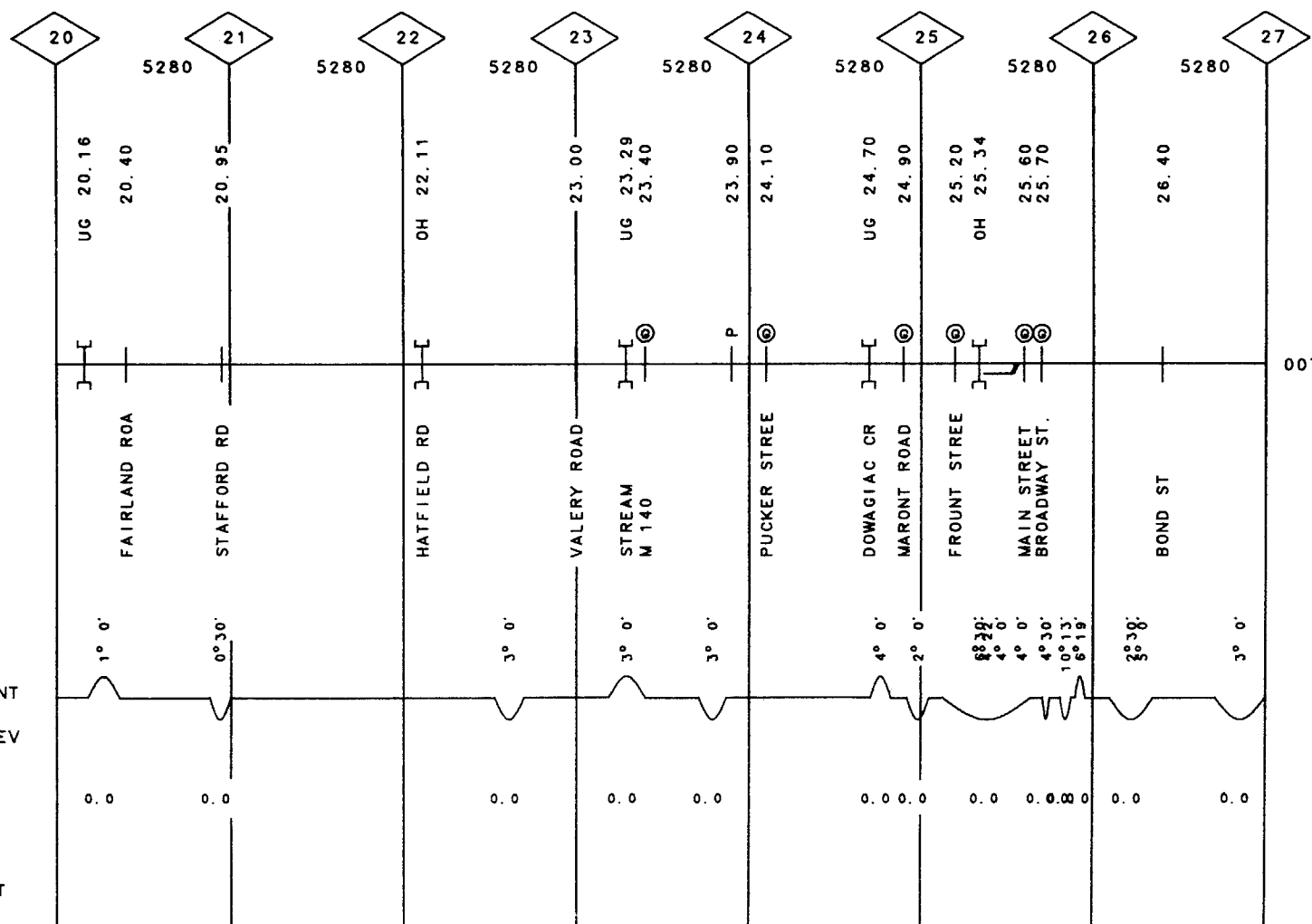
DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

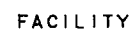
MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE

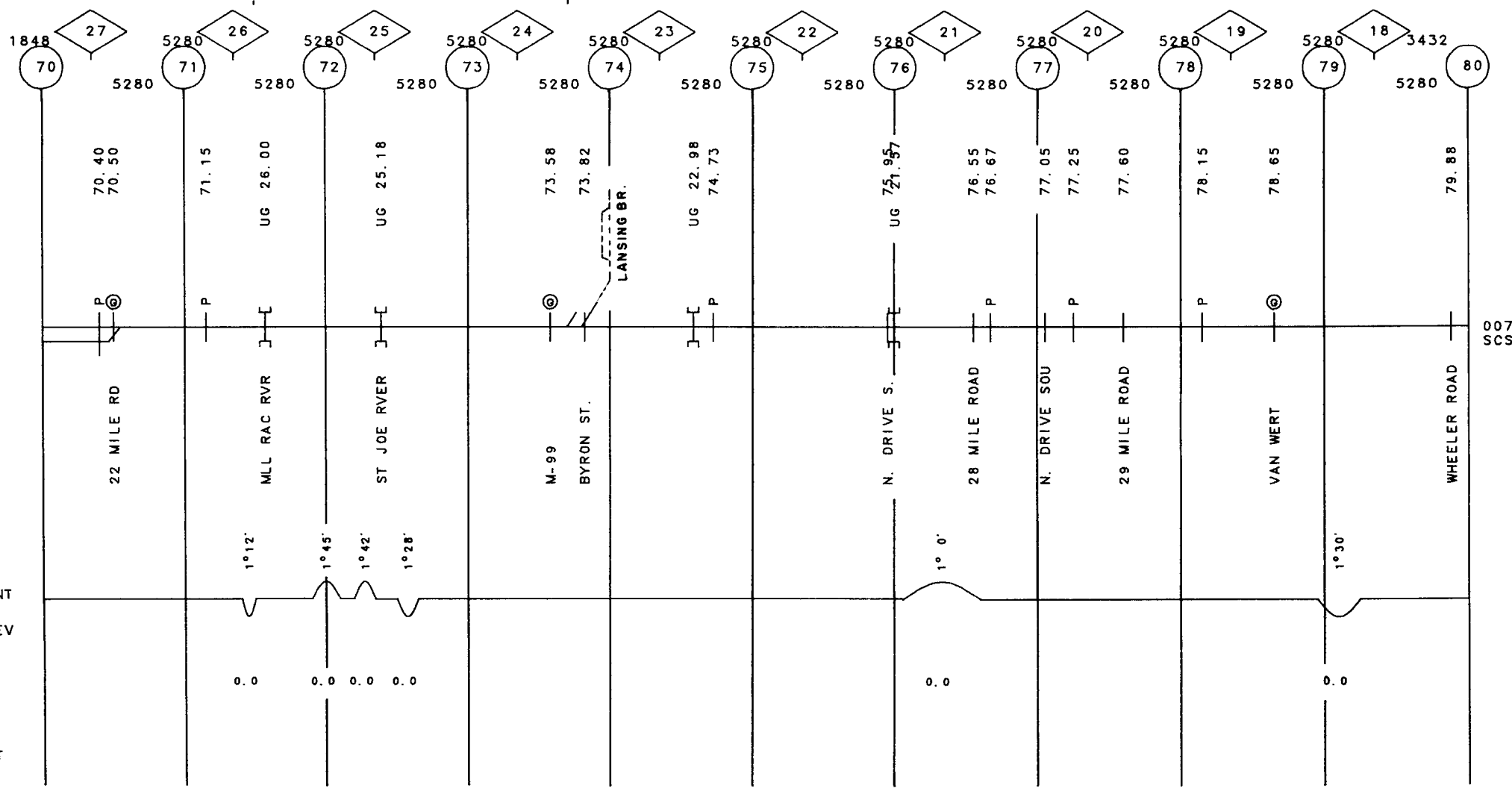




007







GRINDING									
SURFACING	71E	75E	66	71E	75E	73E			
TIES						73			
UNDERCUTTING									
RAIL	05-29	27-57		05-29	27-57	05-25			
BAL CLEAN	765				57				
TONNAGE (MGT)									
T T SPEED									

007

GRINDING	
SURFACING	66
TIES	57
UNDERCUTTING	
RAIL	27-57
BAL CLEAN	
TONNAGE (MGT)	
T T SPEED	

SCS

VALUATION
TOWN

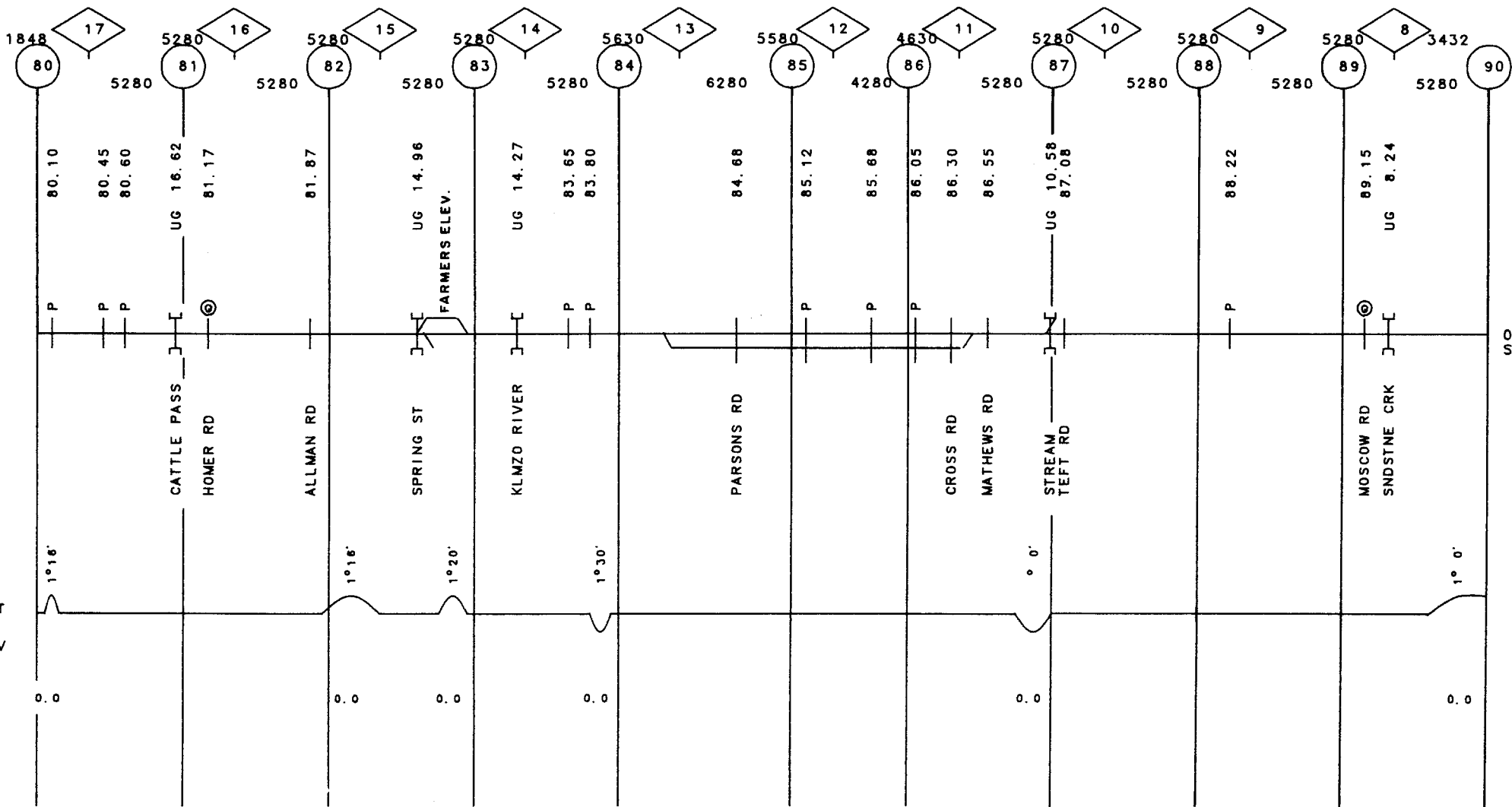
CONCORD

SPRING HARBOR

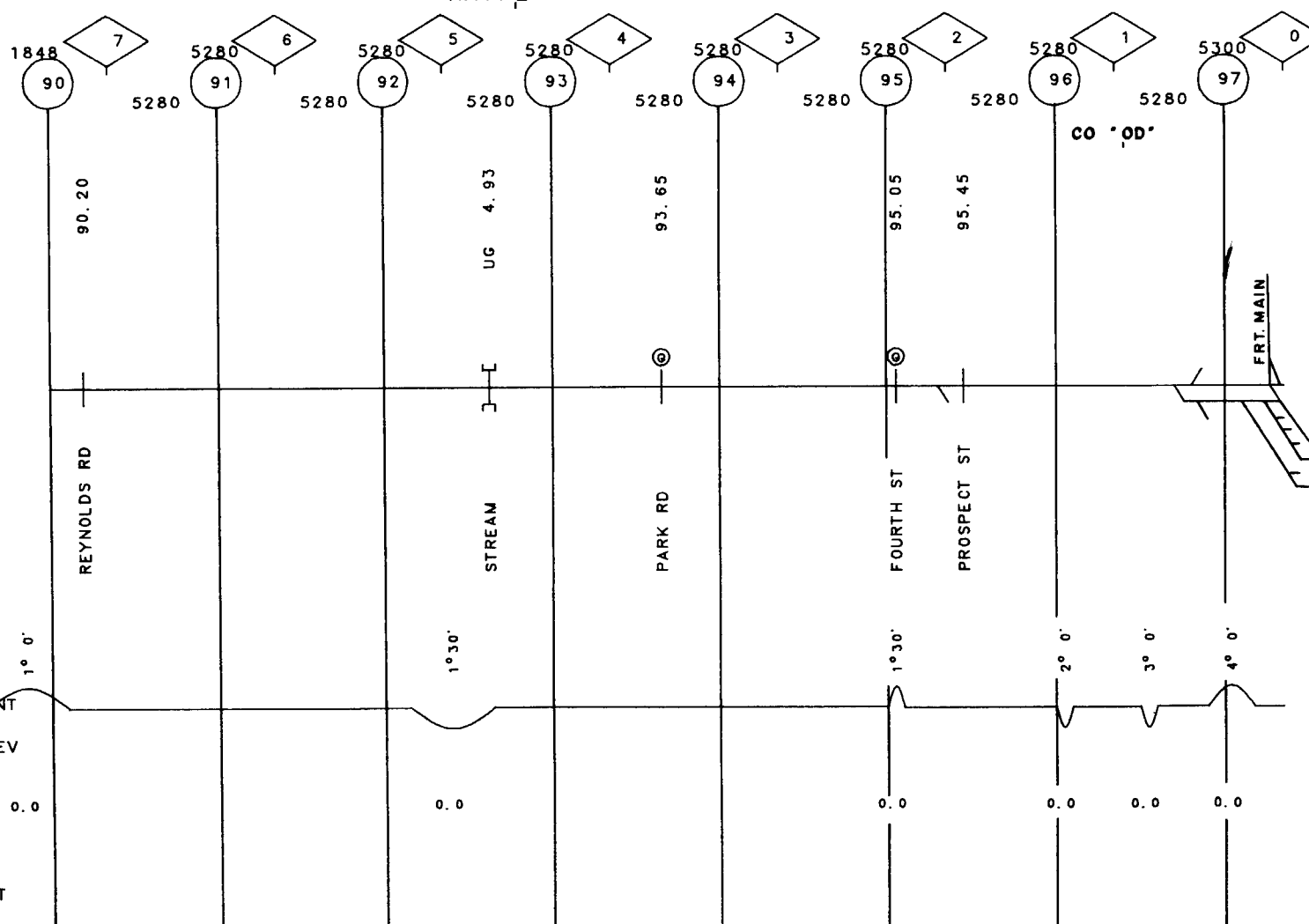
FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE



007
SCS

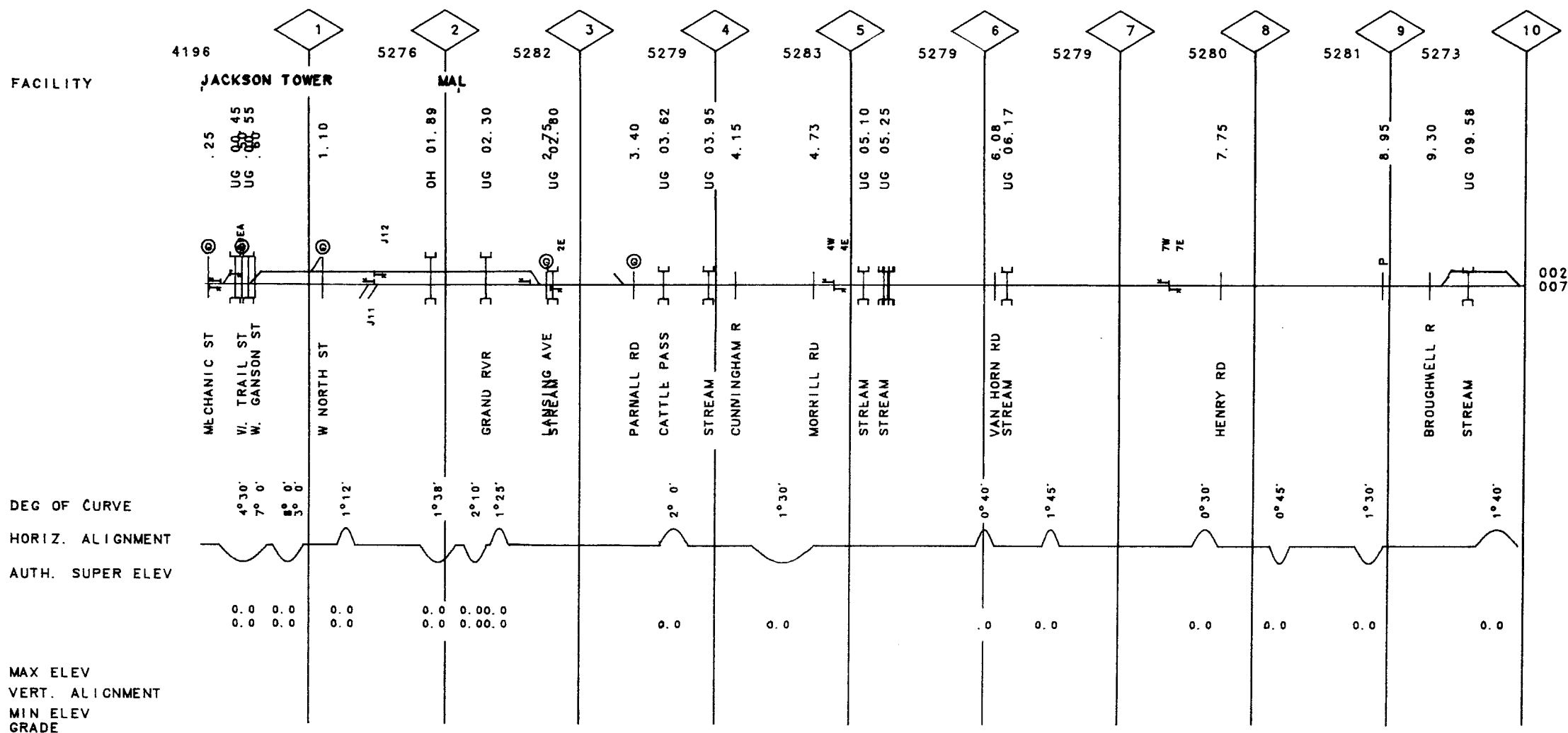
007

002007

JACKSON

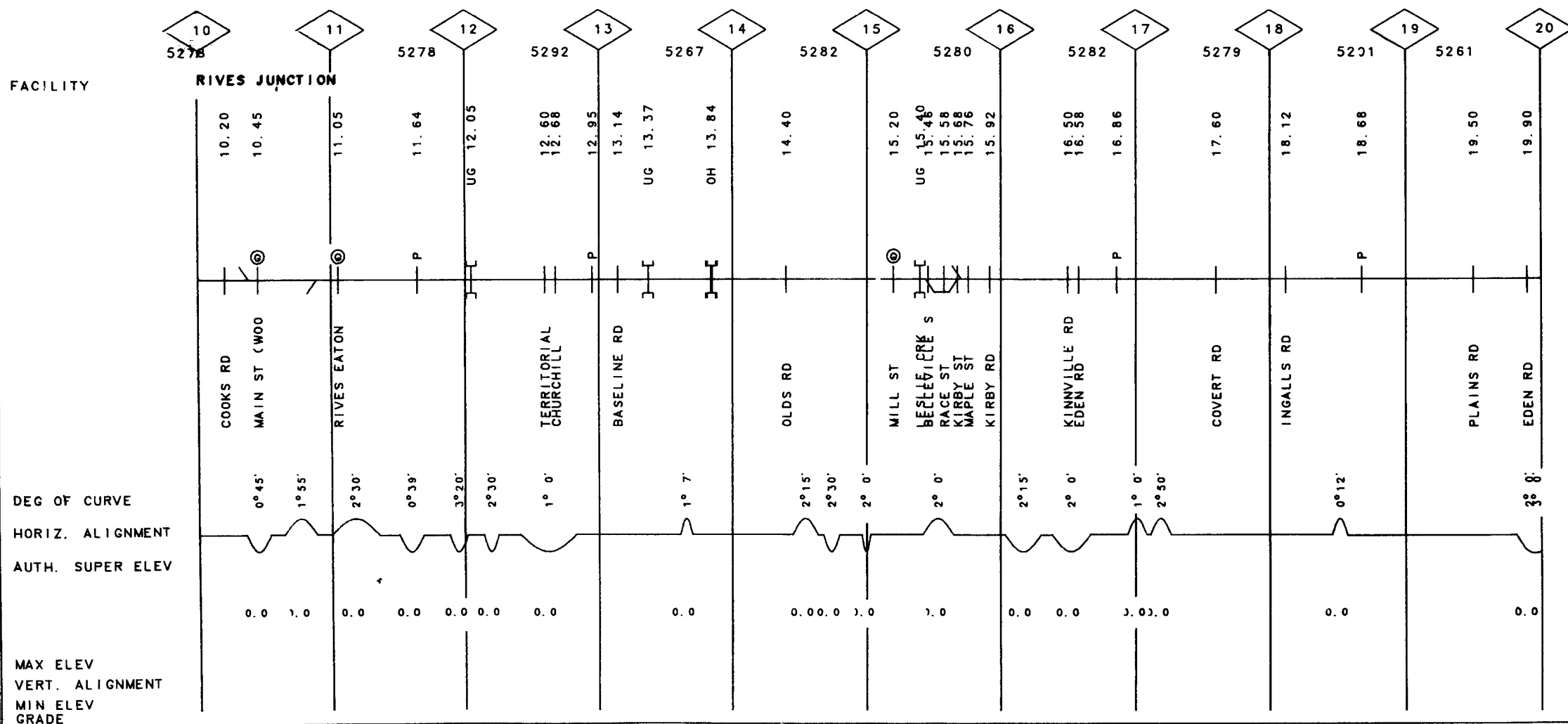
V4122

VAN HORNS



007

UNDERWOOD



HOLT

LANSING

001

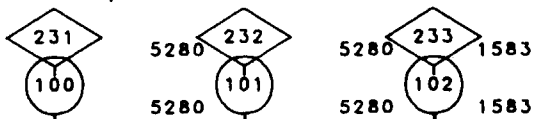
	007	007	007	007
GRINDING				
SURFACING	60E		56H	
TIES	76			
UNDERCUTTING				
RAIL	00F29	00-60	52-60	007
BAL. CLEAN	80S			
TONNAGE (MGT)	3.6			
T T SPEED				

VALUATION
TOWN

v7265/v7266

BURTON

FACILITY



HUGHART YRD.

UG 231.27

100.65
100.75

100.95

101.20

101.41

101.50

OH 232.60

101.79

OH 233.11

102.16

007

BURTON ST

MCKENDRICK S

CLYDE PARK A

BR-21-CHICAG

GODFREY

HALL ST

CURVE ST

FRANKLIN ST

GRAHAM ST.

C/O

DEG OF CURVE

2° 0'

HORIZ. ALIGNMENT

AUTH. SUPER ELEV

0.0

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE

GRINDING	
SURFACING	64J
TIES	84
UNDERCUTTING	
RAIL	05-28
BAL CLEAN	
TONNAGE(MGT)	0.1
T T SPEED	

007

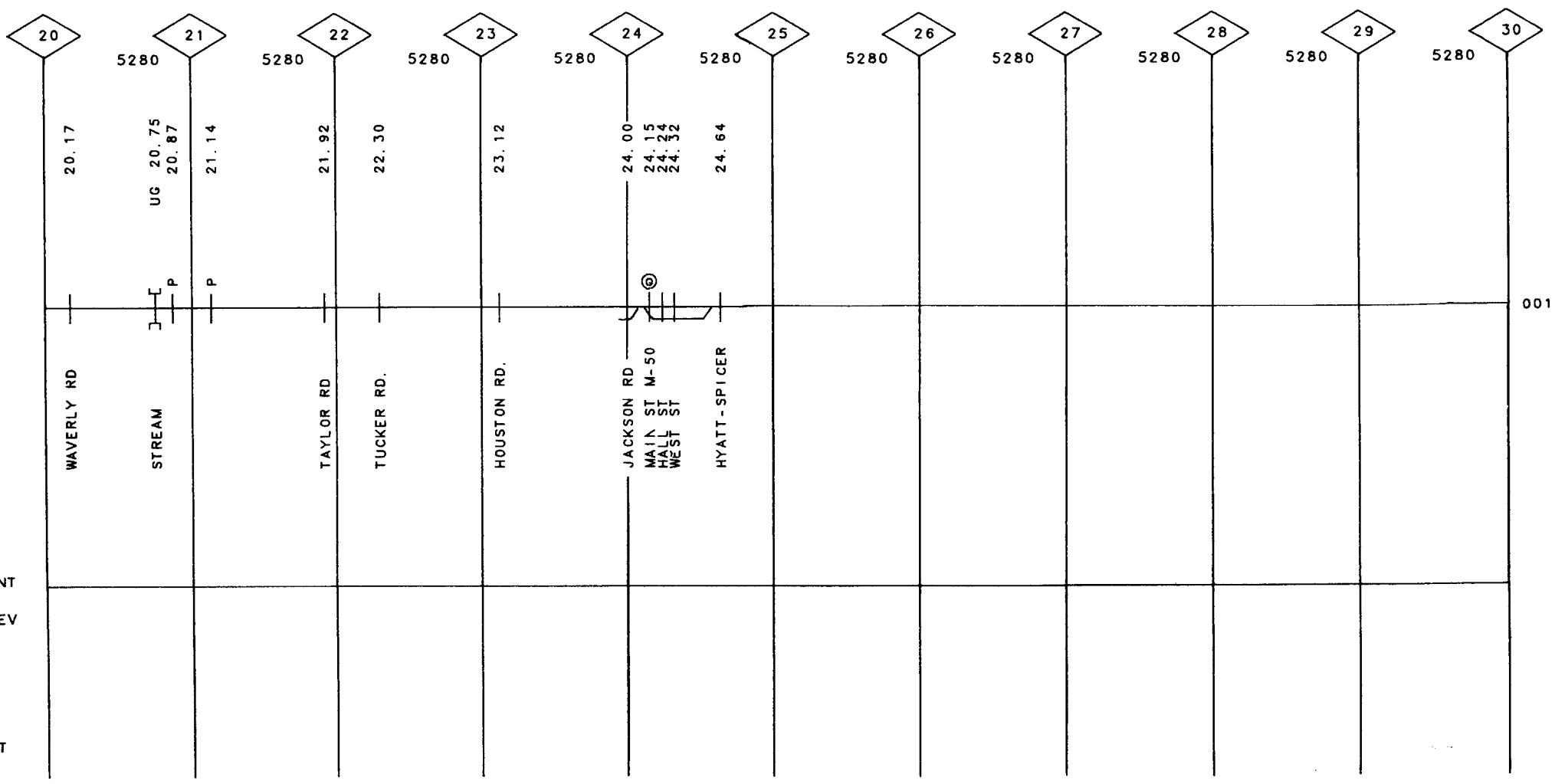
VALUATION
TOWN

EATON RAPIDS

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE



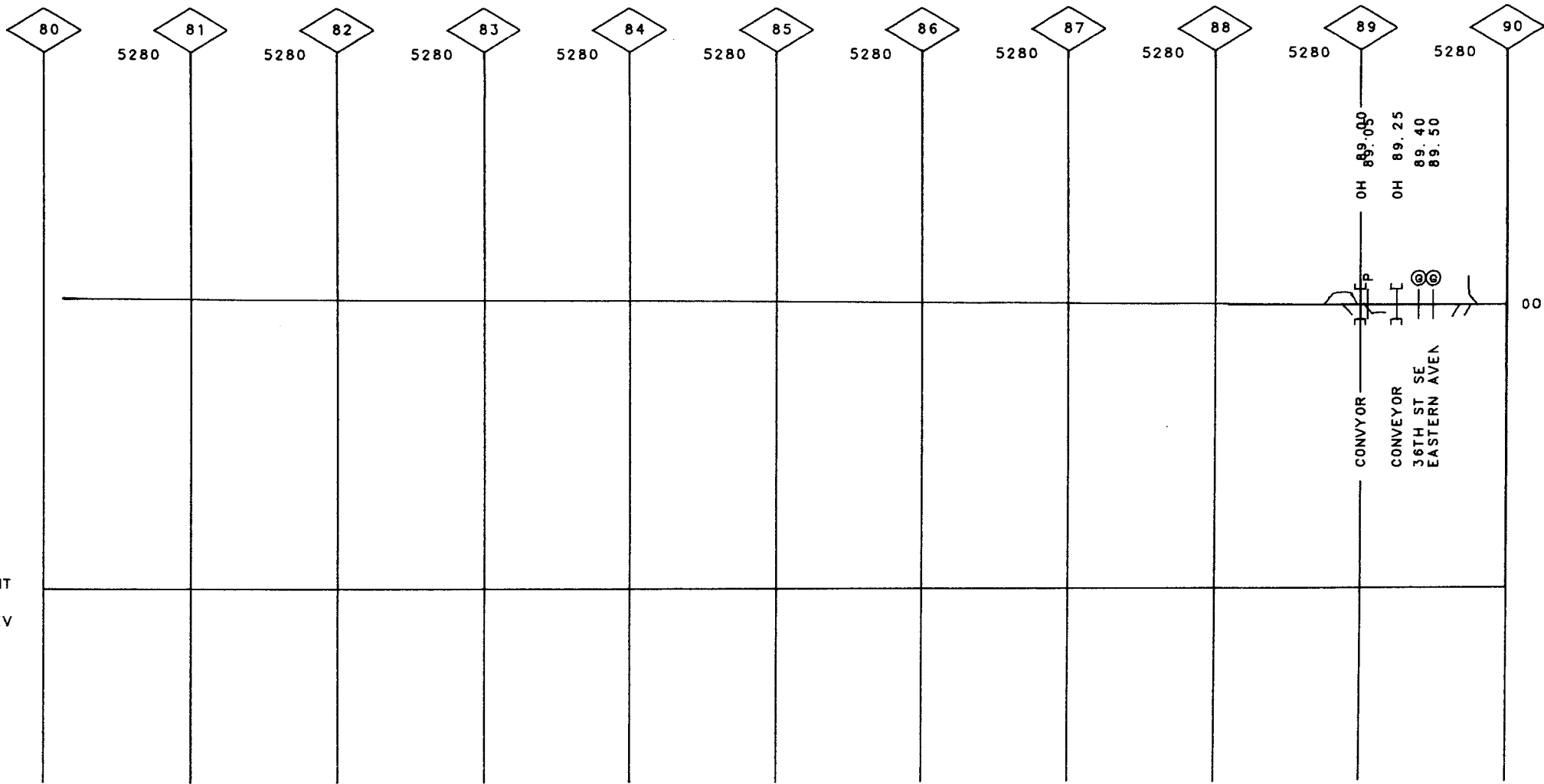
001

VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE



GRINDING		
SURFACING	63	
TIES	63	56
UNDERCUTTING		
RAIL	03-29	
BAL CLEAN		
TONNAGE (MGT)	0.3	
T T SPEED		

007

001

GRINDING				
SURFACING				59P
TIES	50		52	
UNDERCUTTING				
RAIL		05-29	05-30	00-24
BAL CLEAN				
TONNAGE (MGY)		0.3		
T T SPEED				

007

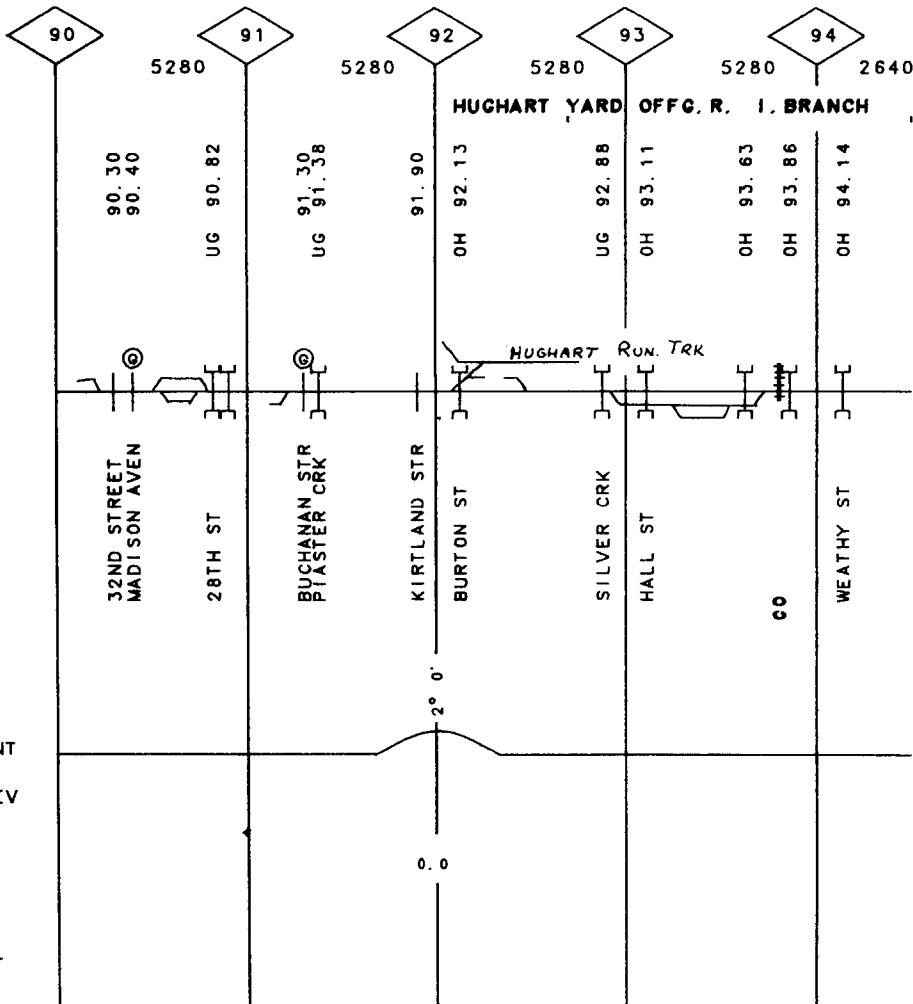
VALUATION
TOWN

GRAND RAPIDS

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE



007

GRINDING			
SURFACING		62M-P	
TIES		62	
UNDERCUTTING			
RAIL	00-27	00-12	00-12
BAL CLEAN			
TONNAGE (MGT)			
T T SPEED			

007

VALUATION
TOWN

V7265

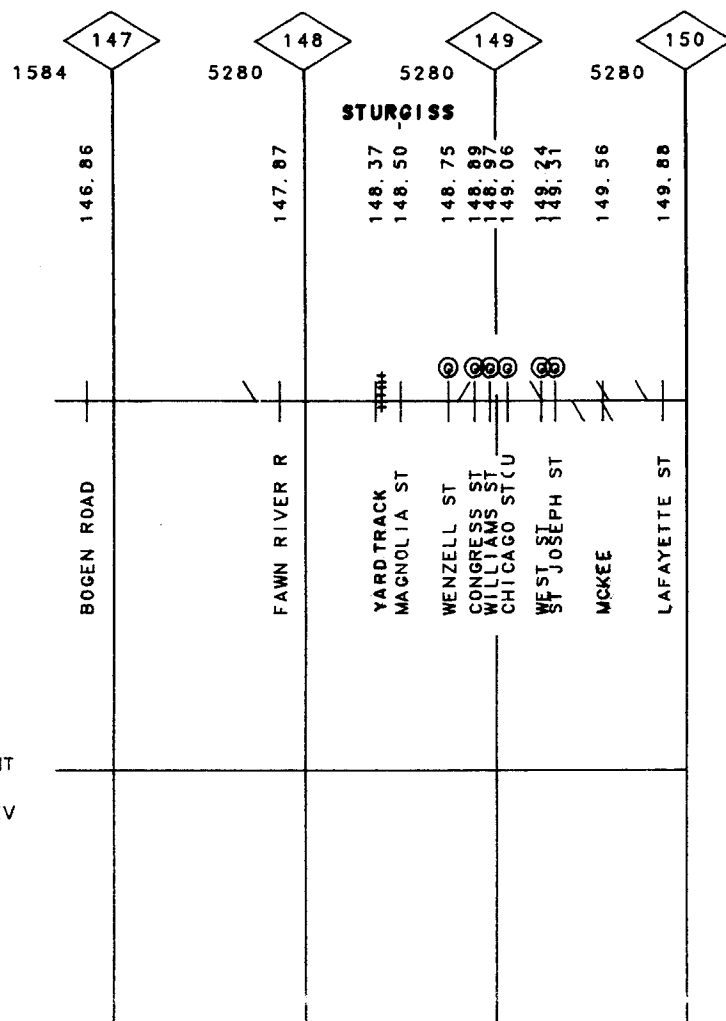
FACILITY

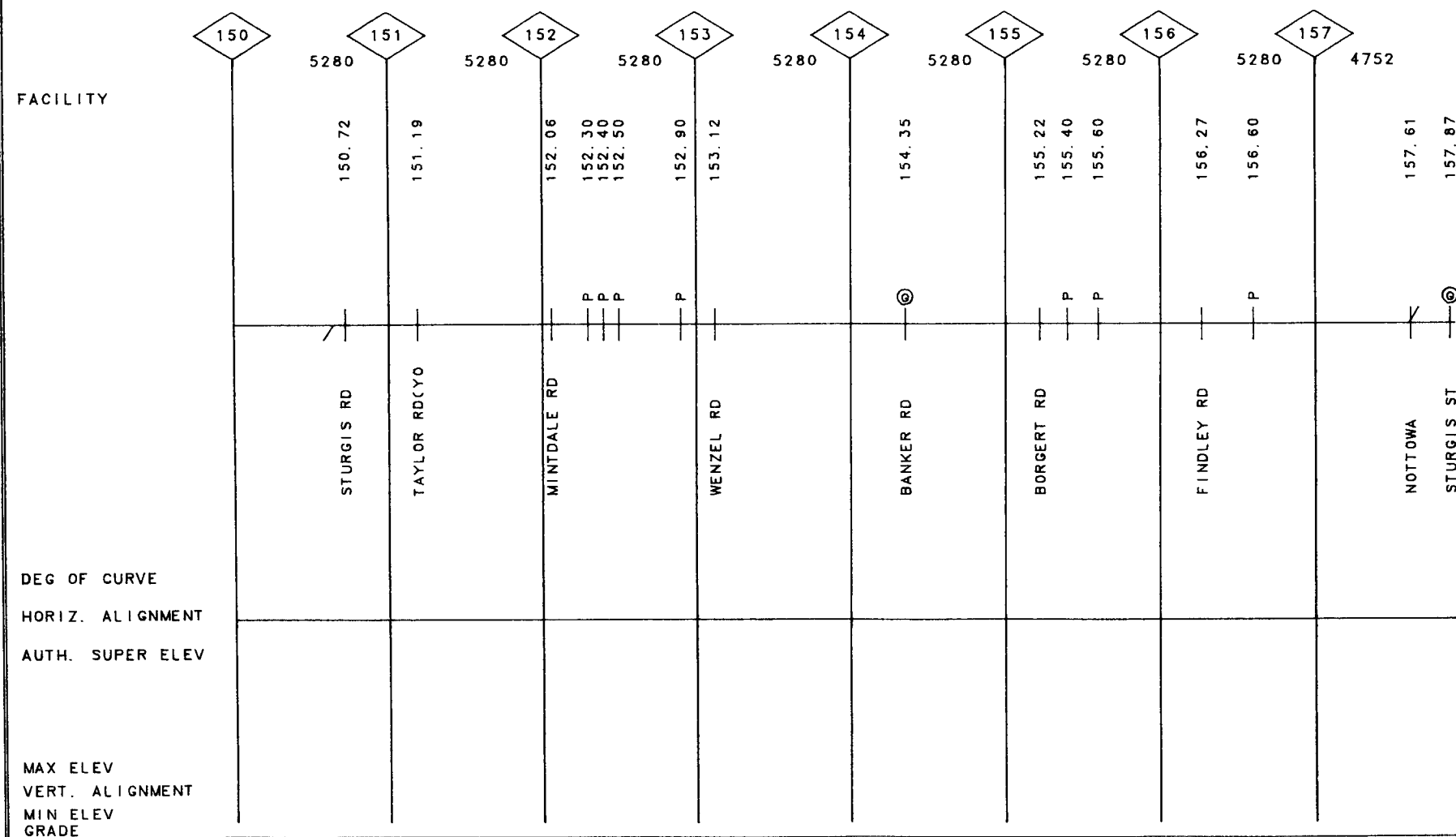
DEG OF CURVE

HORIZ. ALIGNMENT

AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE





GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	00F27
BAL CLEAN	
TONNAGE (MGT)	0.2
T T SPEED	

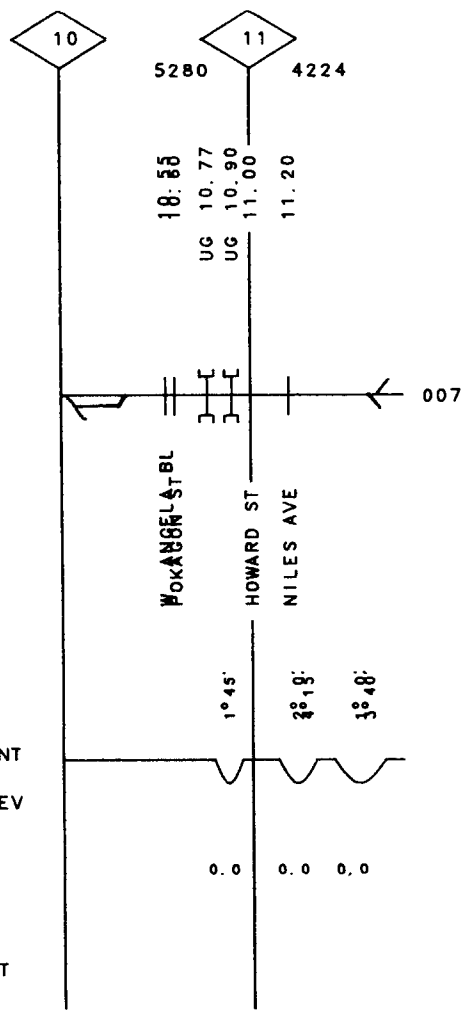
007

VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE



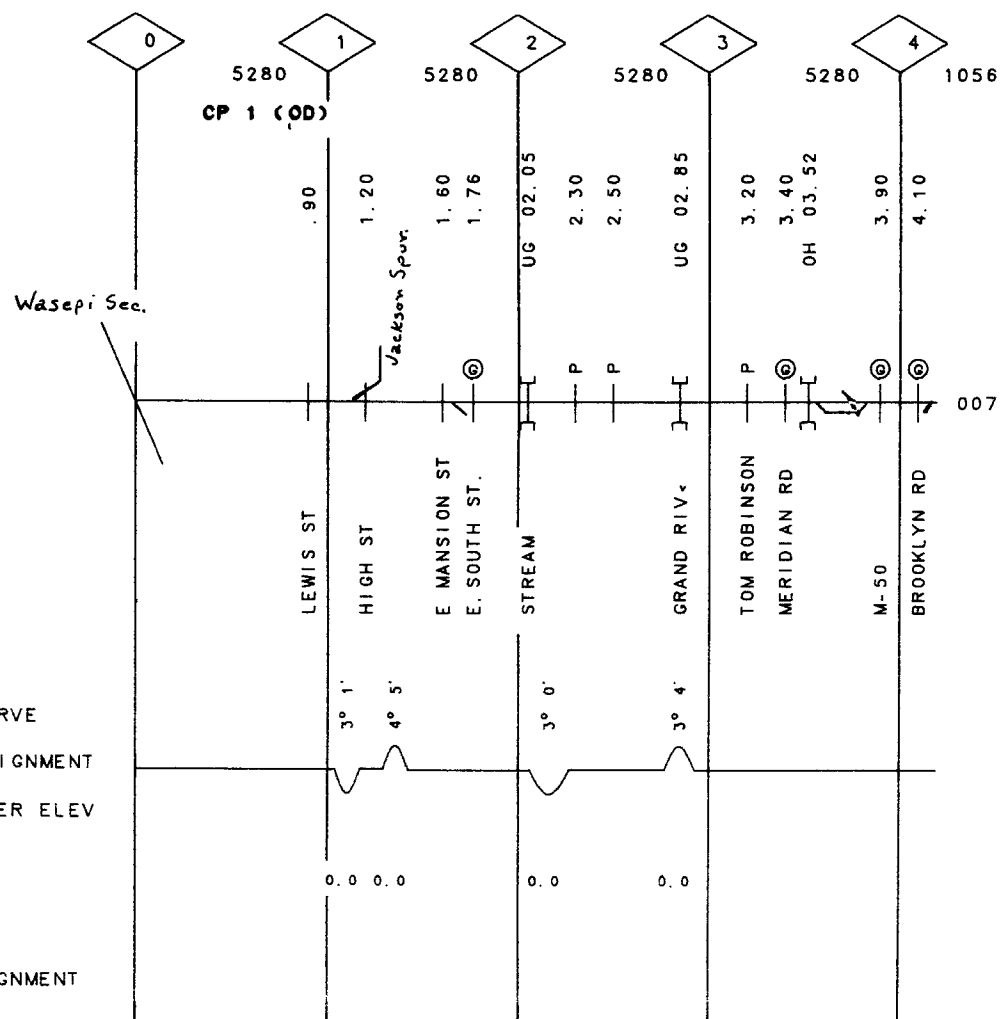
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	80-19 80-18
BAL CLEAN	
TONNAGE (MGT)	0.1
T T SPEED	

007

VALUATION
TOWN

JACKSON

FACILITY



DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE

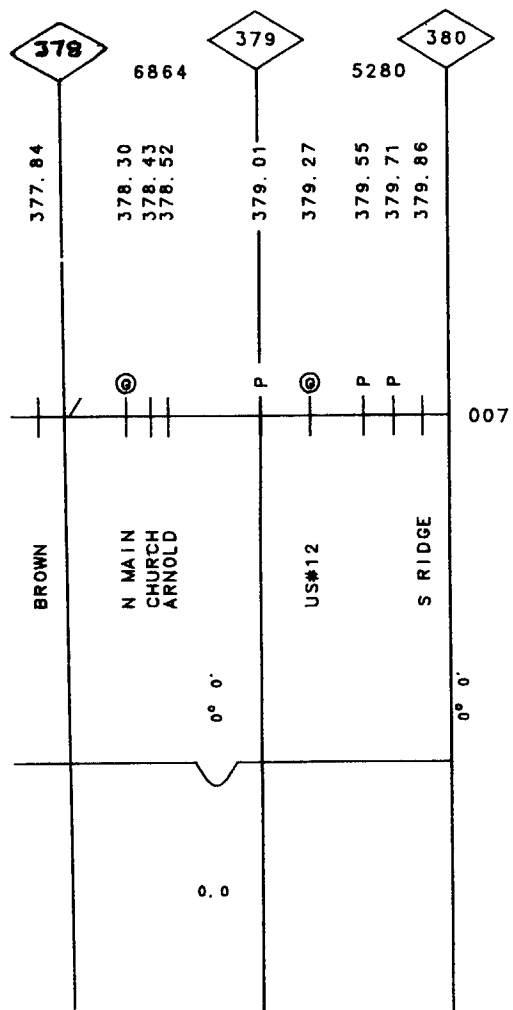
GRINDING	
SURFACING	
TIES	79
UNDERCUTTING	
RAIL	05-23
BAL CLEAN	
TONNAGE (MGT)	
T T SPEED	

007

VALUATION
TOWN

QUINCY

FACILITY



DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE

VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE

COLDWATER

BATAVIA

GRINDING	
SURFACING	
TIES	79
UNDERCUTTING	
RAIL	05-22
BAL CLEAN	
TONNAGE (MGT)	
T T SPEED	

007

007

VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

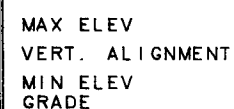
MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE

BRONSON

GRINDING	
SURFACING	
TIES	79
UNDERCUTTING	
RAIL	05-22
BAL CLEAN	
TONNAGE (MGT)	
T T SPEED	

007

007



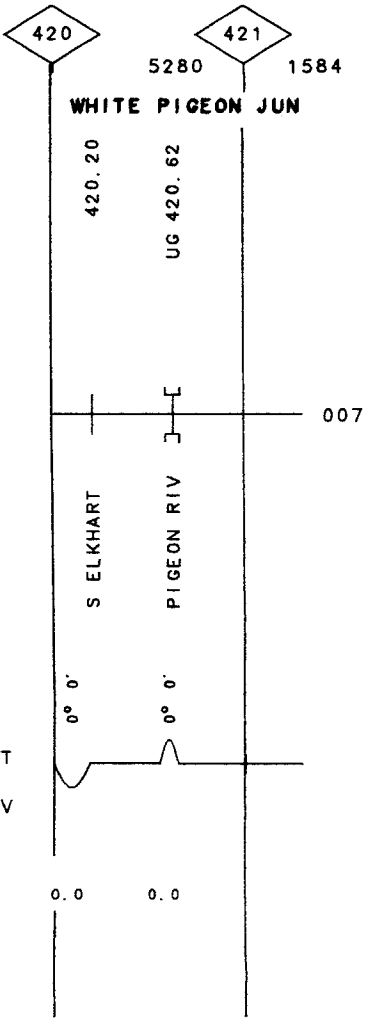
GRINDING	
SURFACING	
TIES	80ST
UNDERCUTTING	
RAIL	05-25 05-26
BAL CLEAN	
TONNAGE (MGT)	
T T SPEED	

007

VALUATION
TOWN

WHITE PIGEON

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

AUTH. SUPER ELEV

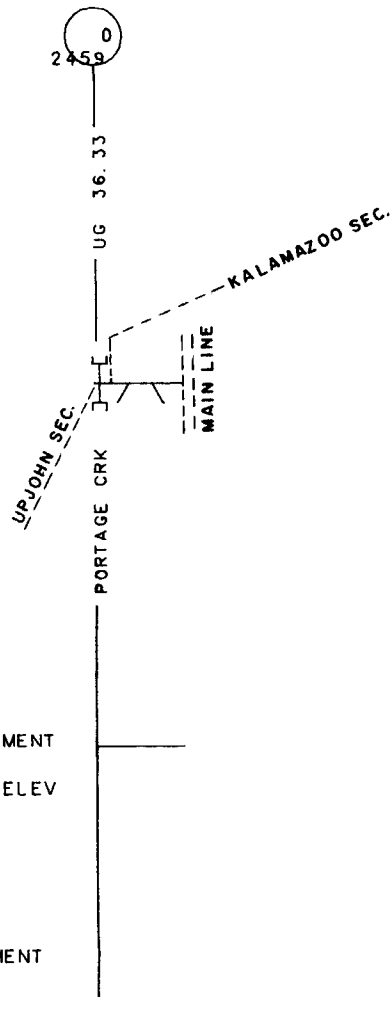
MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE

GRINDING	
SURFACING	
TIES	78
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	
T T SPEED	

007

VALUATION
TOWN

FACILITY



GRINDING									
SURFACING									
TIES		57		56	51	56	47	55	
UNDERCUTTING									
RAIL		80-19	80-21	80-21	80-13	05-26	27F51		
BAL CLEAN									
TONNAGE (MGT)									
T T SPEED									

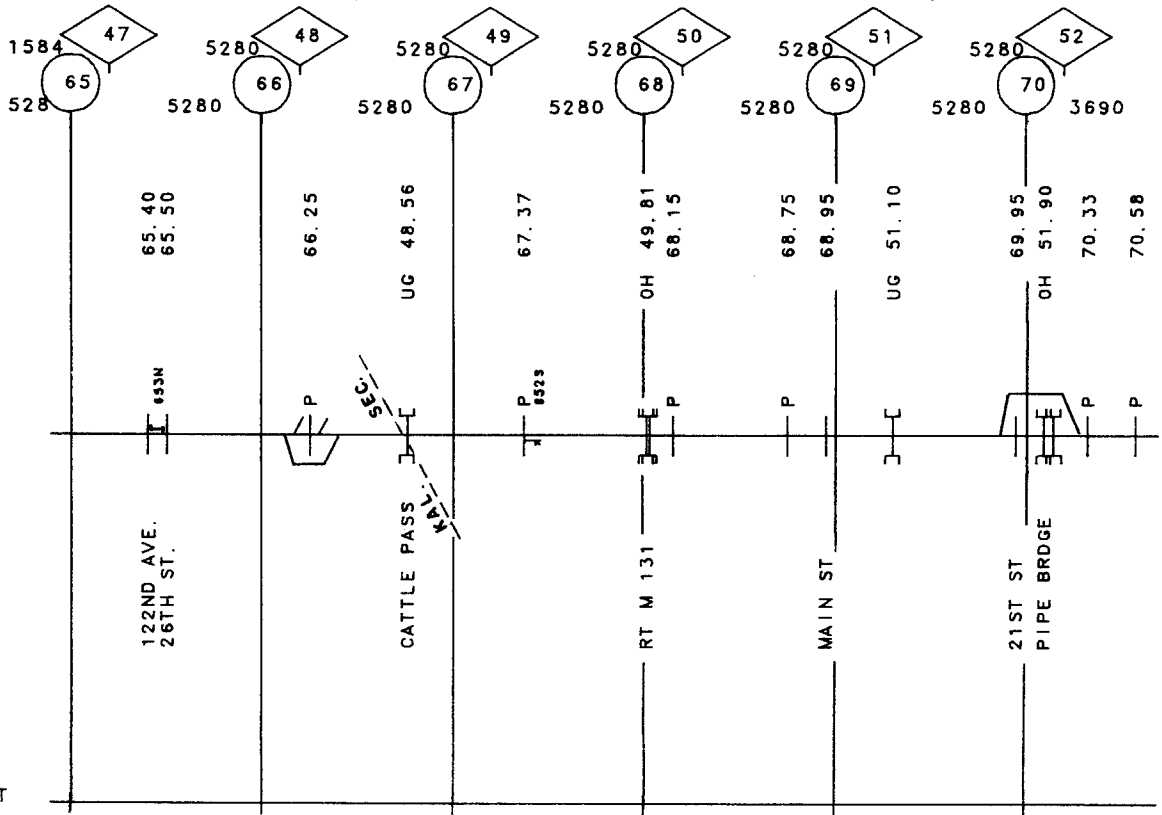
007

VALUATION
TOWN

PLAINWELL

OTSEGO

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

AUTH. SUPER ELEV

MAX ELEV

VERT. ALIGNMENT

MIN ELEV

GRADE

GRINDING				
SURFACING				
TIES	52	57		
UNDERCUTTING				
RAIL	00-15	05-26	05-29	
BAL. CLEAN				
TONNAGE (MGT)				
T T SPEED				

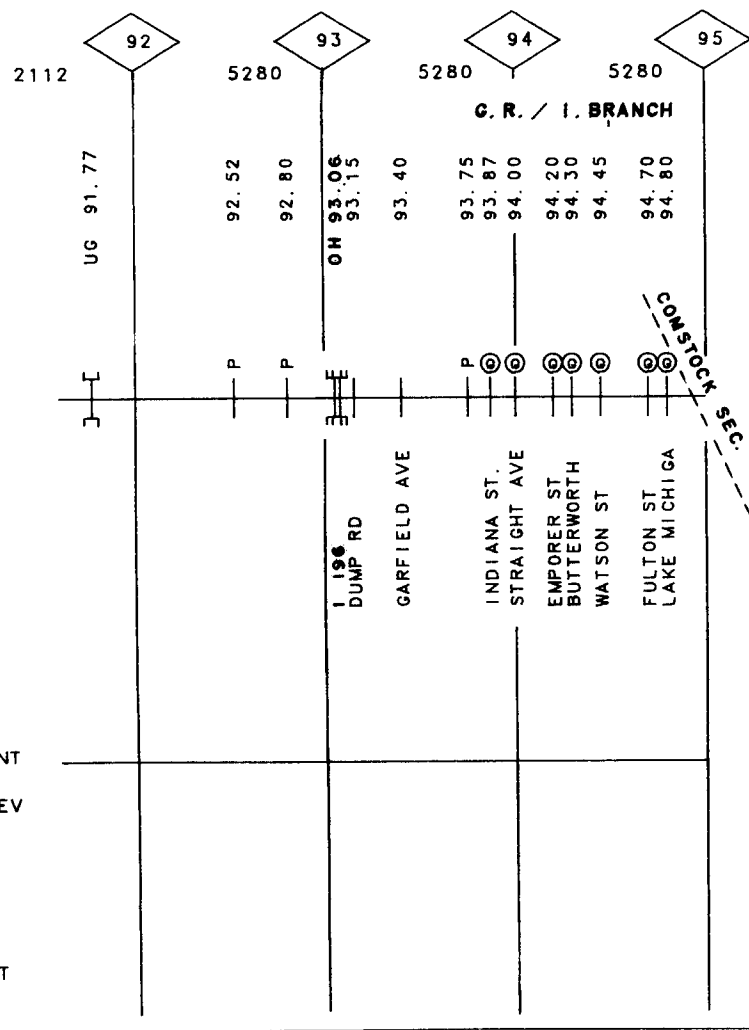
007

VALUATION
TOWN

EAGLE MILLS

GRAND RAPIDS

FACILITY



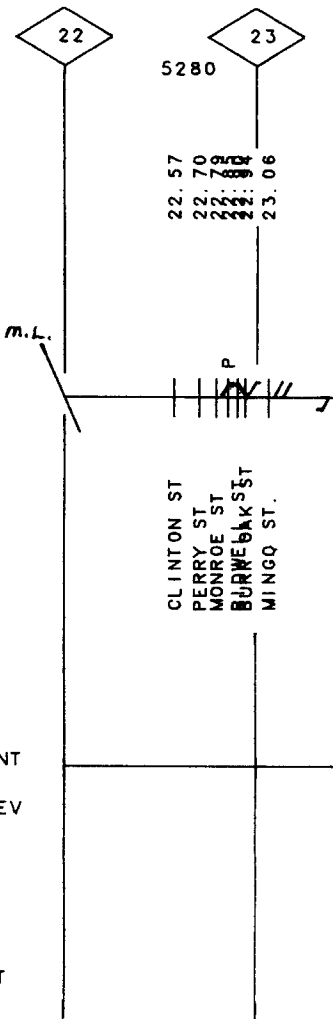
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL CLEAN	
TONNAGE (MGT)	
T T SPEED	

007

VALUATION
TOWN

ALBION

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

AUTH. SUPER ELEV

MAX ELEV

VERT. ALIGNMENT

MIN ELEV
GRADE

VALUATION
TOWN

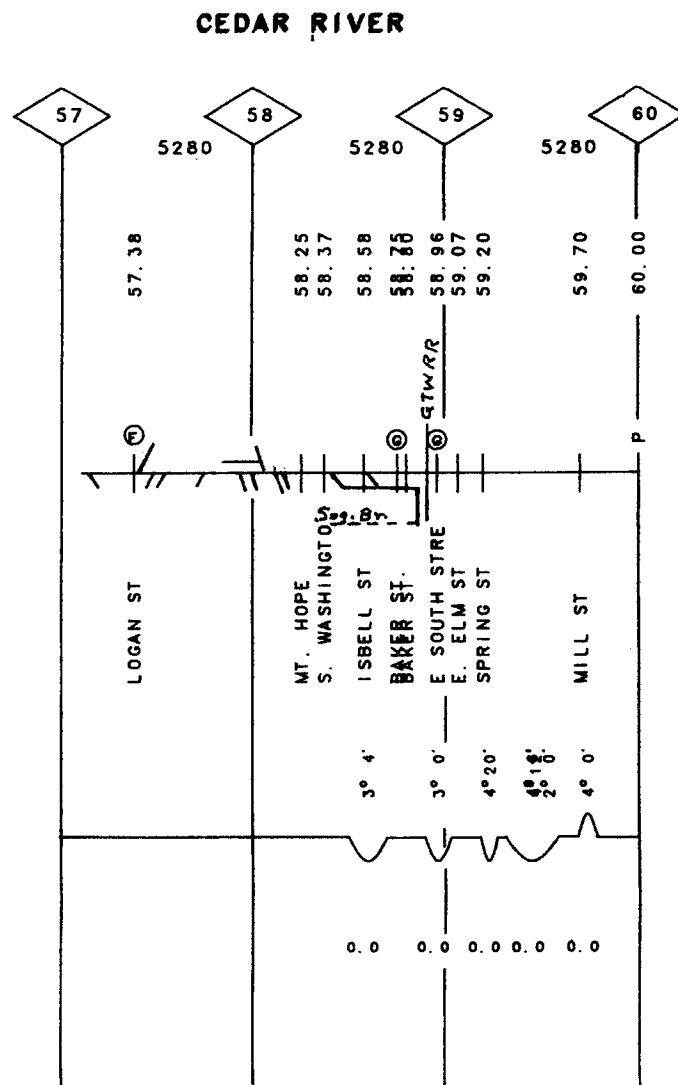
FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE

GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL CLEAN	
TONNAGE (MGT)	0.0
T T SPEED	

007



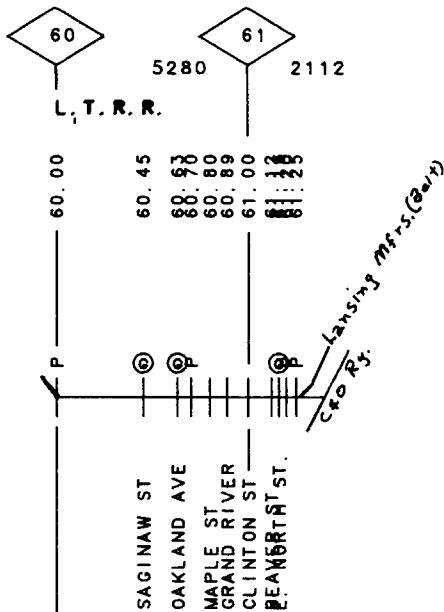
GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	
BAL. CLEAN	
TONNAGE (MGT)	0.1
T T SPEED	

007

VALUATION
TOWN

NORTH LANSING

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE

GRINDING					
SURFACING	74E		76E	62M-P	80E
TIES		74		62	
UNDERCUTTING					
RAIL		00-56		30-55	
BAL CLEAN					
TONNAGE (MGT)					
T T SPEED					

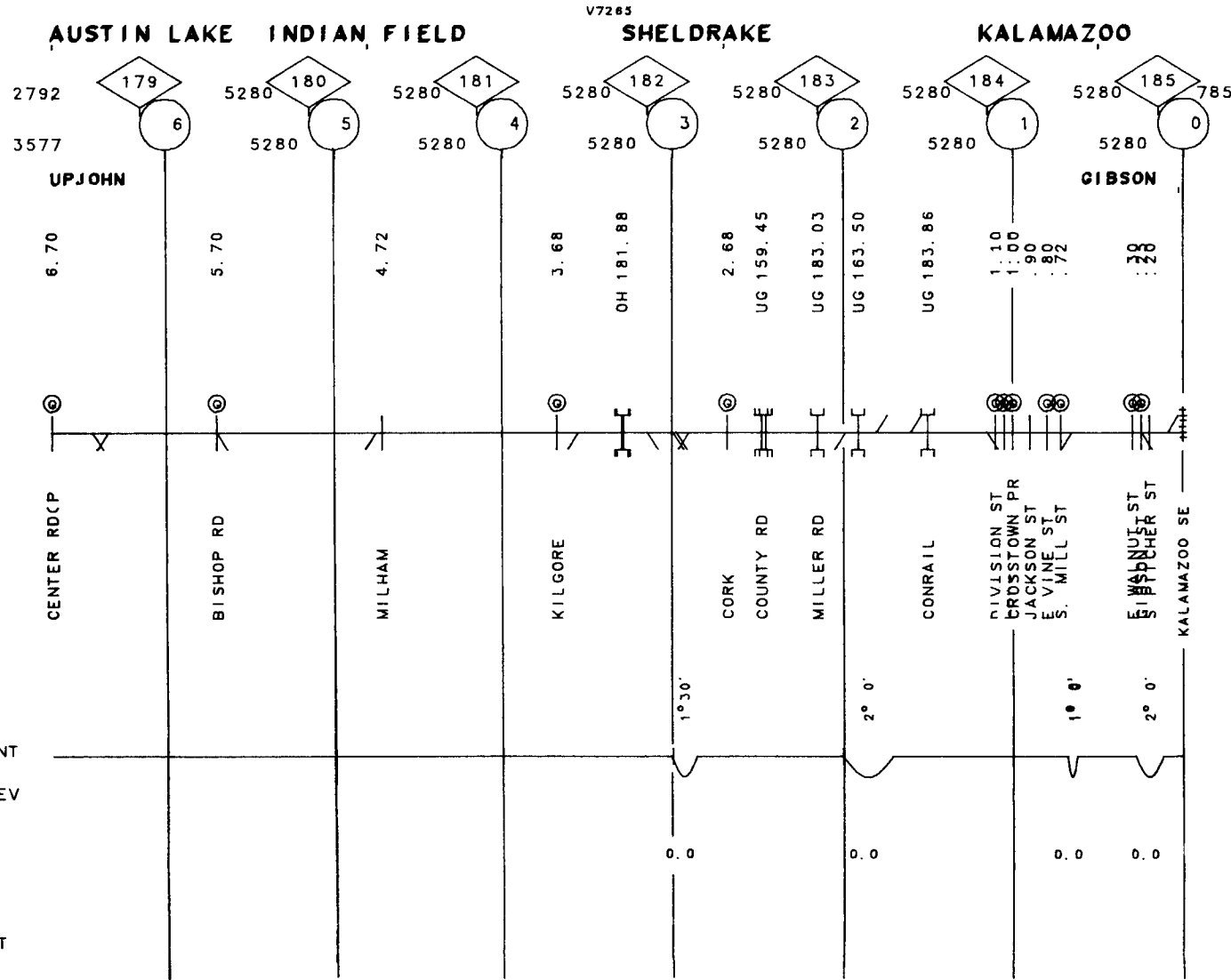
007

VALUATION
TOWN

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE



VALUATION
TOWN

LANSING

V4140

FACILITY

DEG OF CURVE

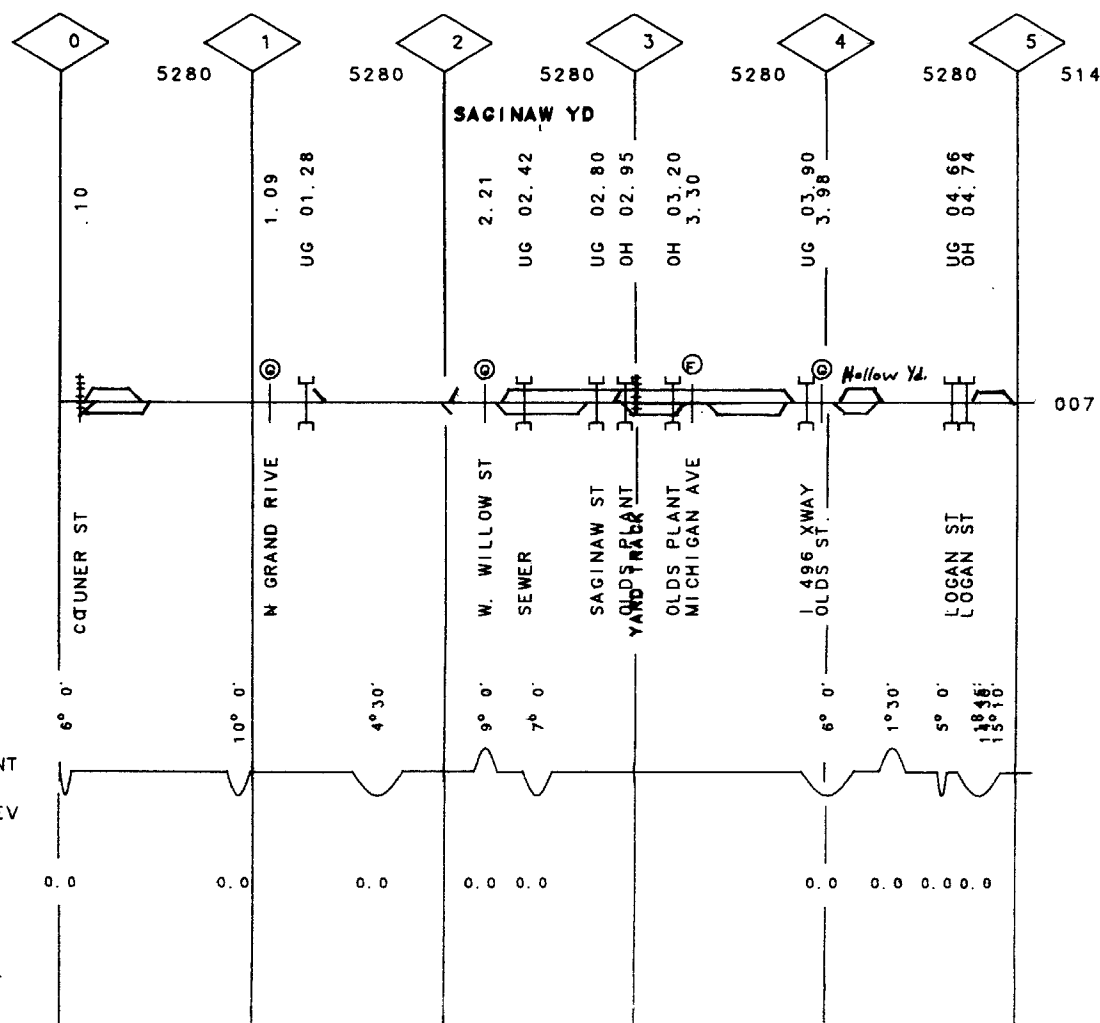
HORIZ. ALIGNMENT

AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE

GRINDING					
SURFACING					79T
TIES	80				79
UNDERCUTTING					
RAIL					
BAL CLEAN					
TONNAGE (MGT)			1.8		
T T SPEED					

007

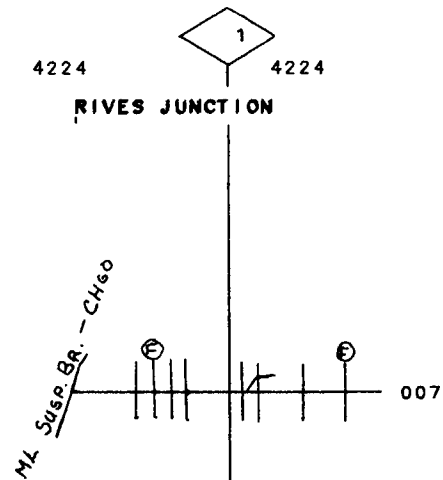


GRINDING	
SURFACING	
TIES	
UNDERCUTTING	
RAIL	00F42
BAL CLEAN	
TONNAGE (MGT)	
T T SPEED	

007

VALUATION
TOWN

FACILITY



DEG OF CURVE

HORIZ. ALIGNMENT

AUTH. SUPER ELEV

7° 0' 0"
7° 0' 0"
2° 0' 0"
0.0
0.0

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE

GRINDING	
SURFACING	53H
TIES	
UNDERCUTTING	
RAIL	85-10
BAL CLEAN	
TONNAGE (MGY)	0.0
T T SPEED	

007

VALUATION
TOWN

KINNEY

FACILITY

DEG OF CURVE
HORIZ. ALIGNMENT
AUTH. SUPER ELEV

MAX ELEV
VERT. ALIGNMENT
MIN ELEV
GRADE

