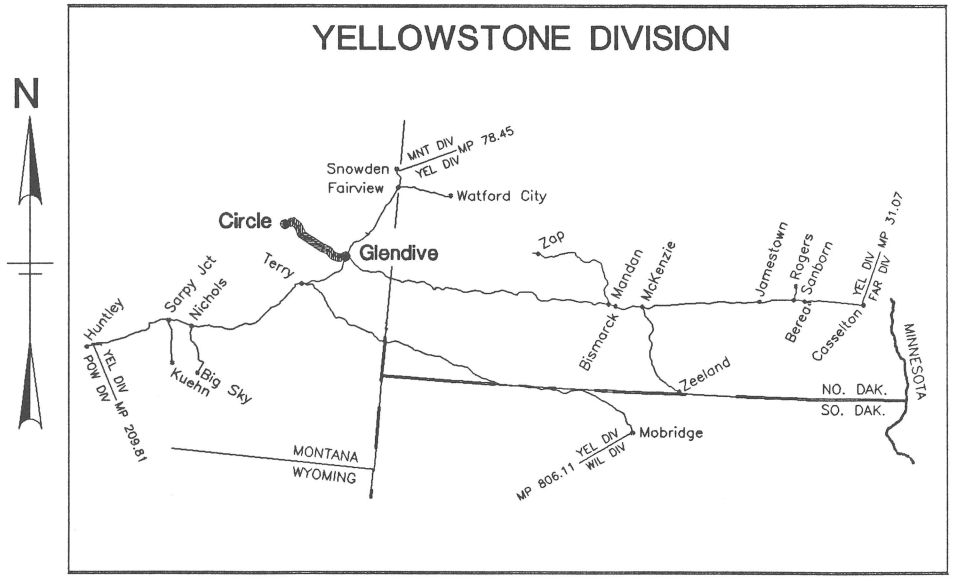
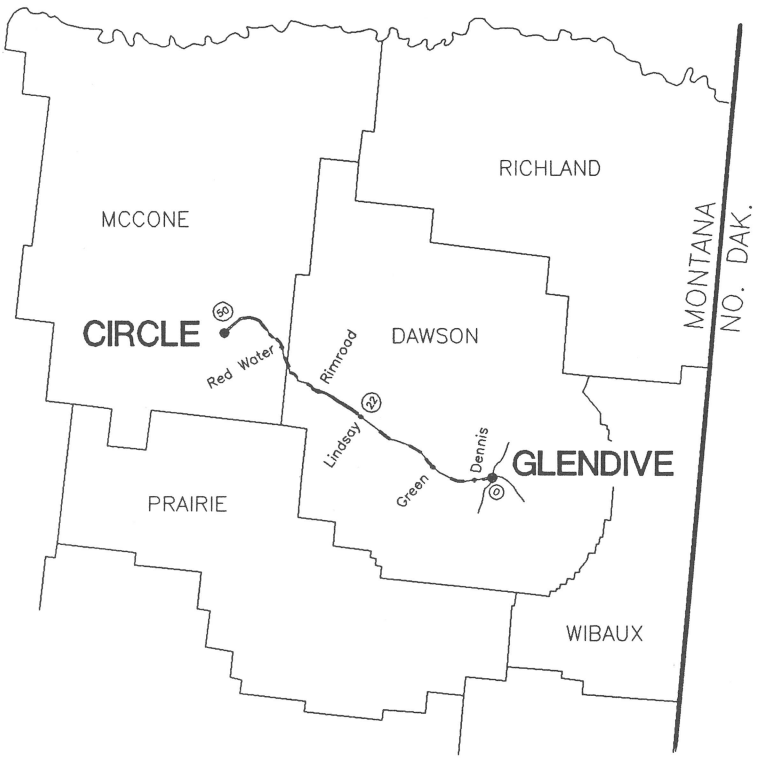
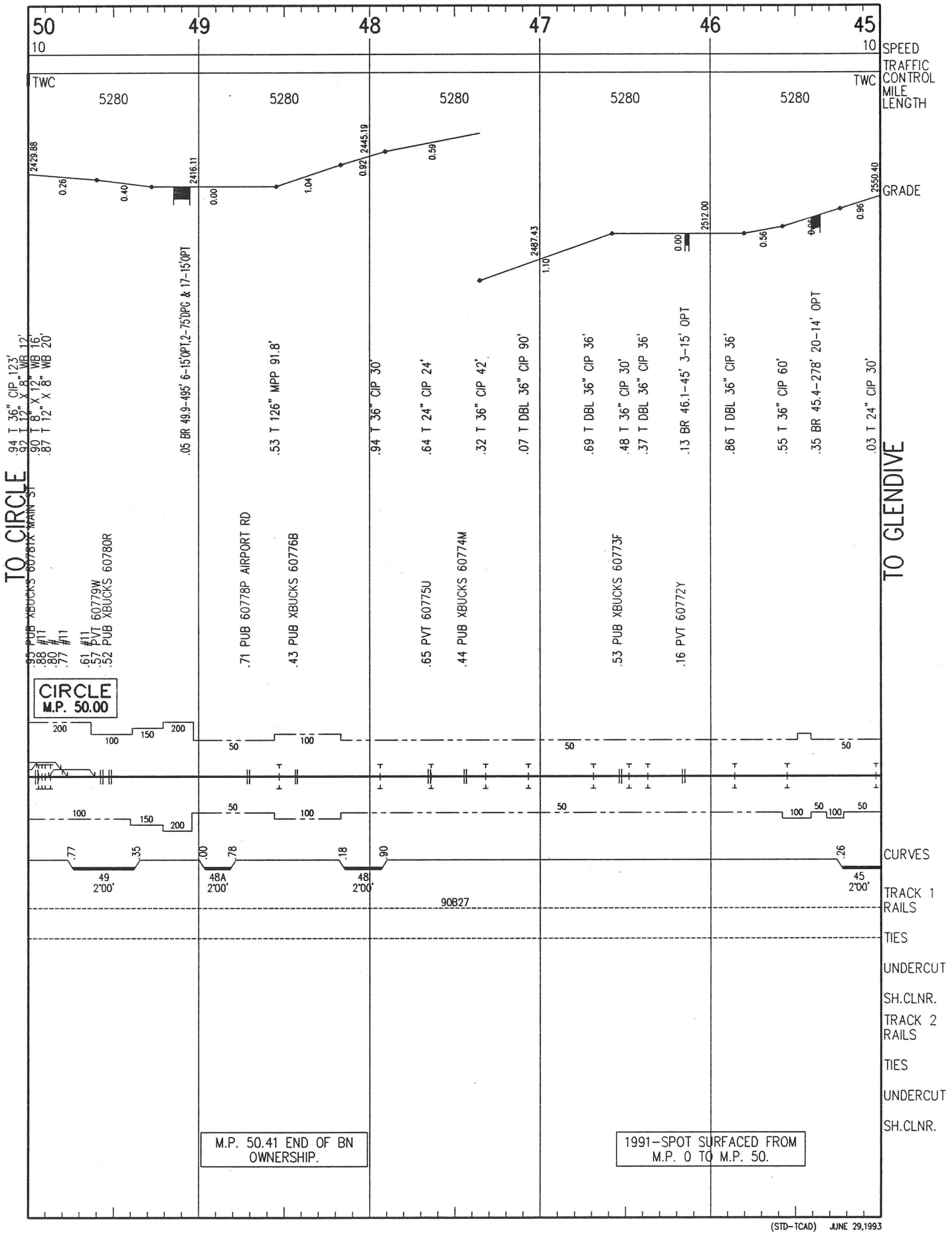
BURLINGTON NORTHERN
YELLOWSTONE DIVISION

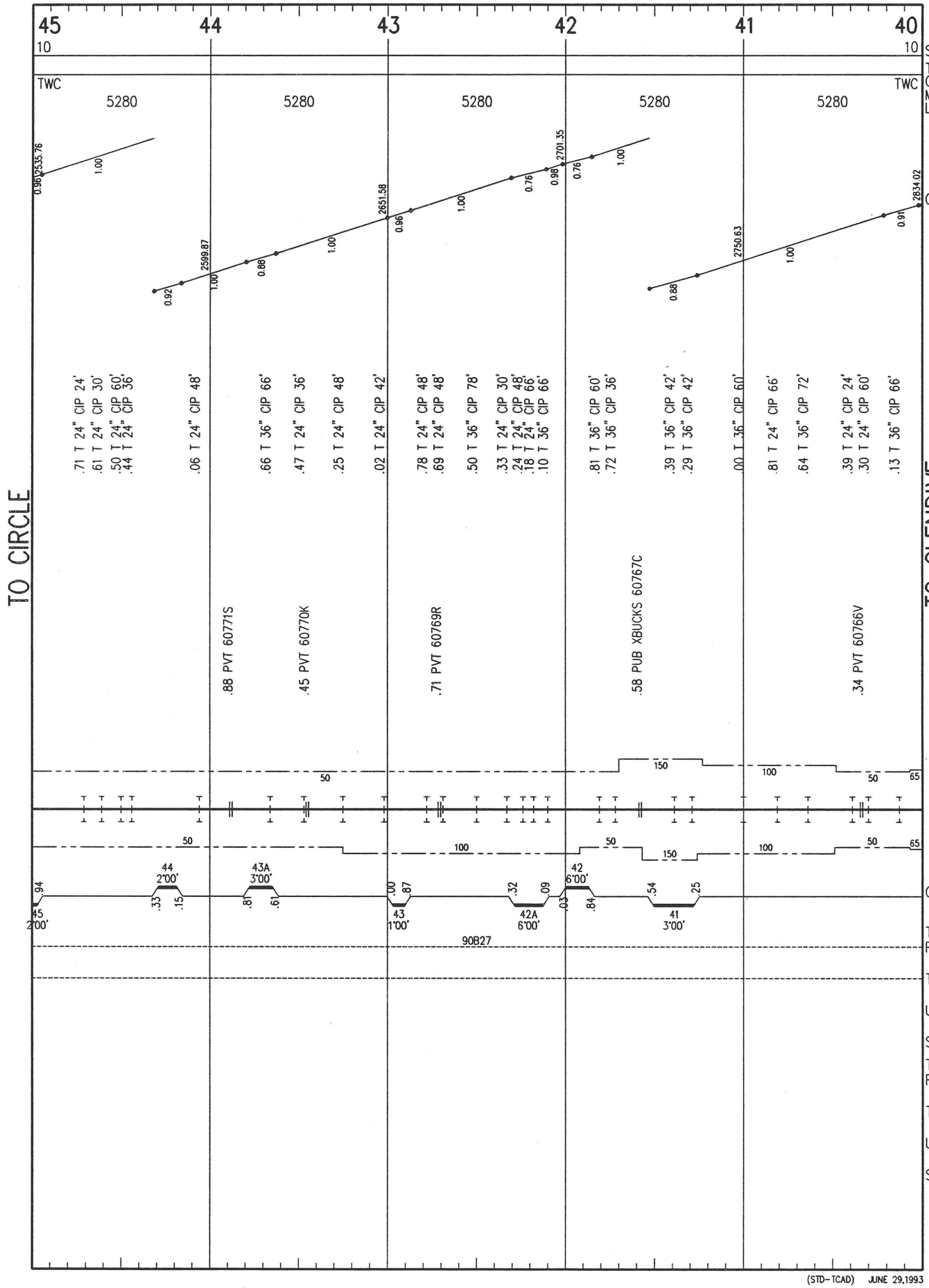
CIRCLE SUBDIVISION

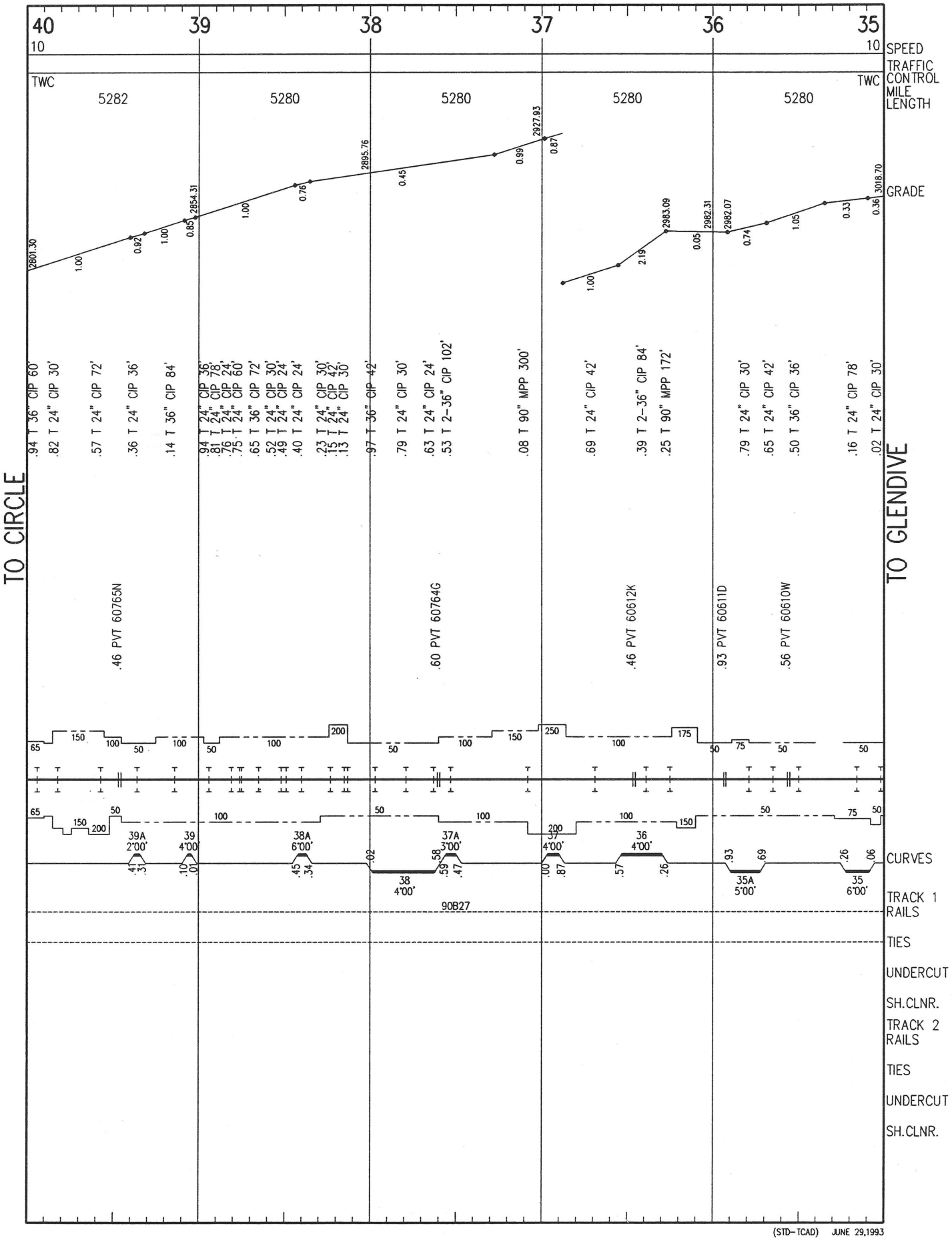




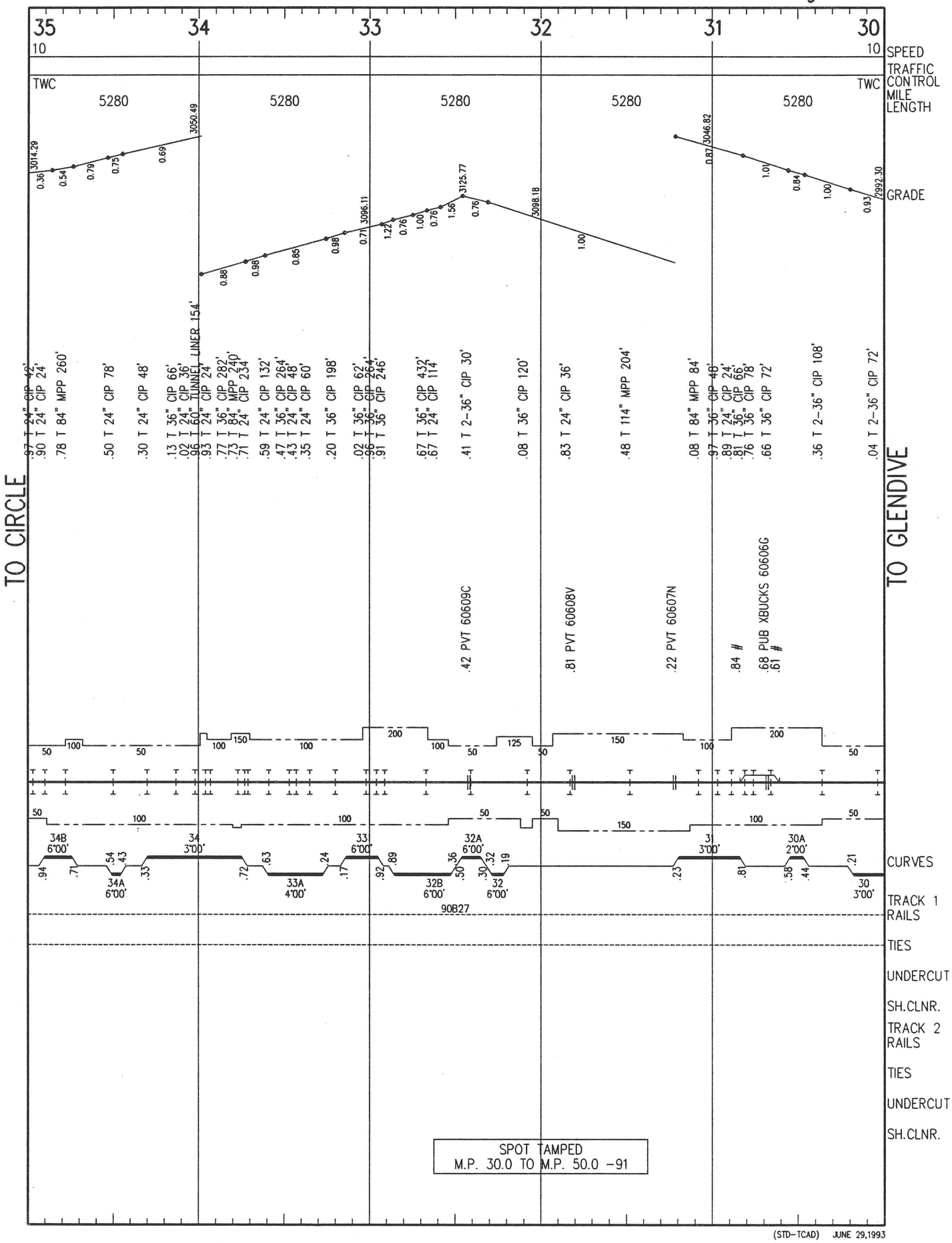


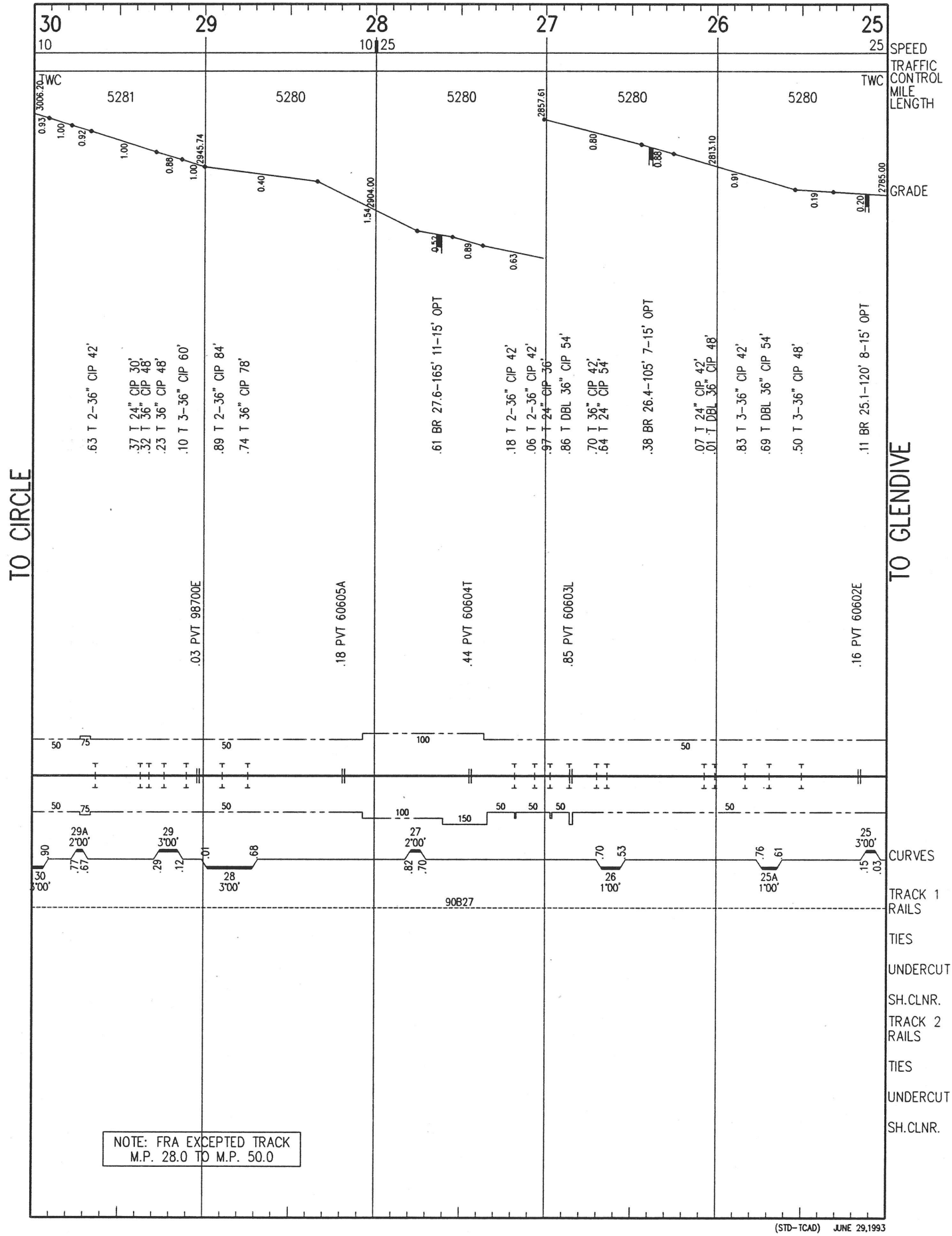
(STD-TCAD) JUNE 29,1993

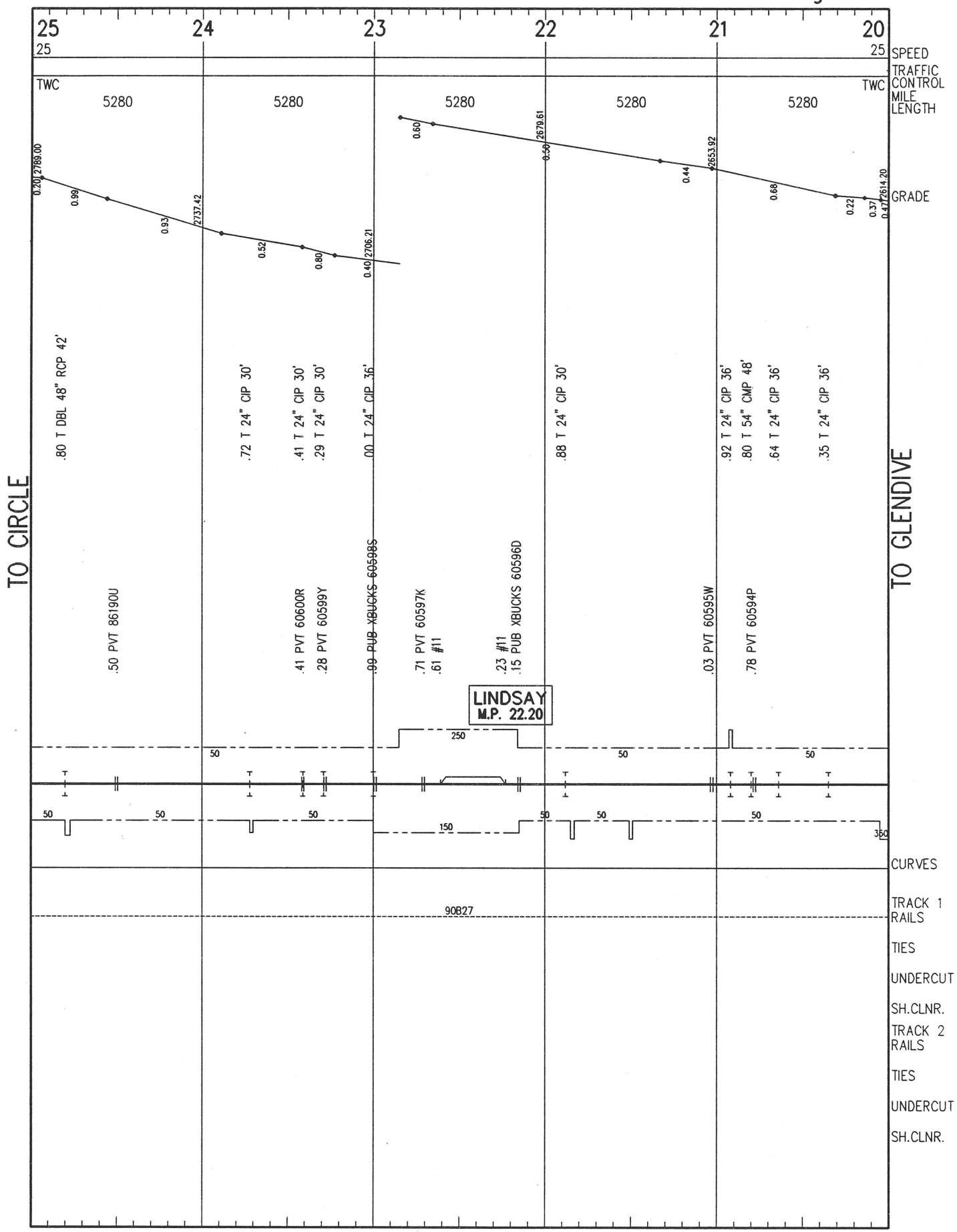

45
44
43
42
41
40
10
10
SPEED
TRAFFIC CONTROL
MILE
LENGTH
TWC
TWC
5280
5280
5280
5280
5280
GRADE
TO CIRCLE
TO GLENDIVE
.71 T 24" CIP 24'
.61 T 24" CIP 30'
.50 T 24" CIP 60'
.44 T 24" CIP 36'
.06 T 24" CIP 48'
.66 T 36" CIP 66'
.47 T 24" CIP 36'
.25 T 24" CIP 48'
.02 T 24" CIP 42'
.78 T 24" CIP 48'
.69 T 24" CIP 48'
.50 T 36" CIP 78'
.33 T 24" CIP 30'
.24 T 24" CIP 48'
.18 T 24" CIP 66'
.10 T 36" CIP 66'
.81 T 36" CIP 60'
.72 T 36" CIP 36'
.39 T 36" CIP 42'
.29 T 36" CIP 42'
.00 T 36" CIP 60'
.81 T 24" CIP 66'
.64 T 36" CIP 72'
.39 T 24" CIP 24'
.30 T 24" CIP 60'
.13 T 36" CIP 66'
.88 PVT 60771S
.45 PVT 60770K
.71 PVT 60769R
.58 PUB XBUCKS 60767C
.34 PVT 60766V
CURVES
TRACK 1 RAILS
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
90B27
(STD-TCAD) JUNE 29,1993



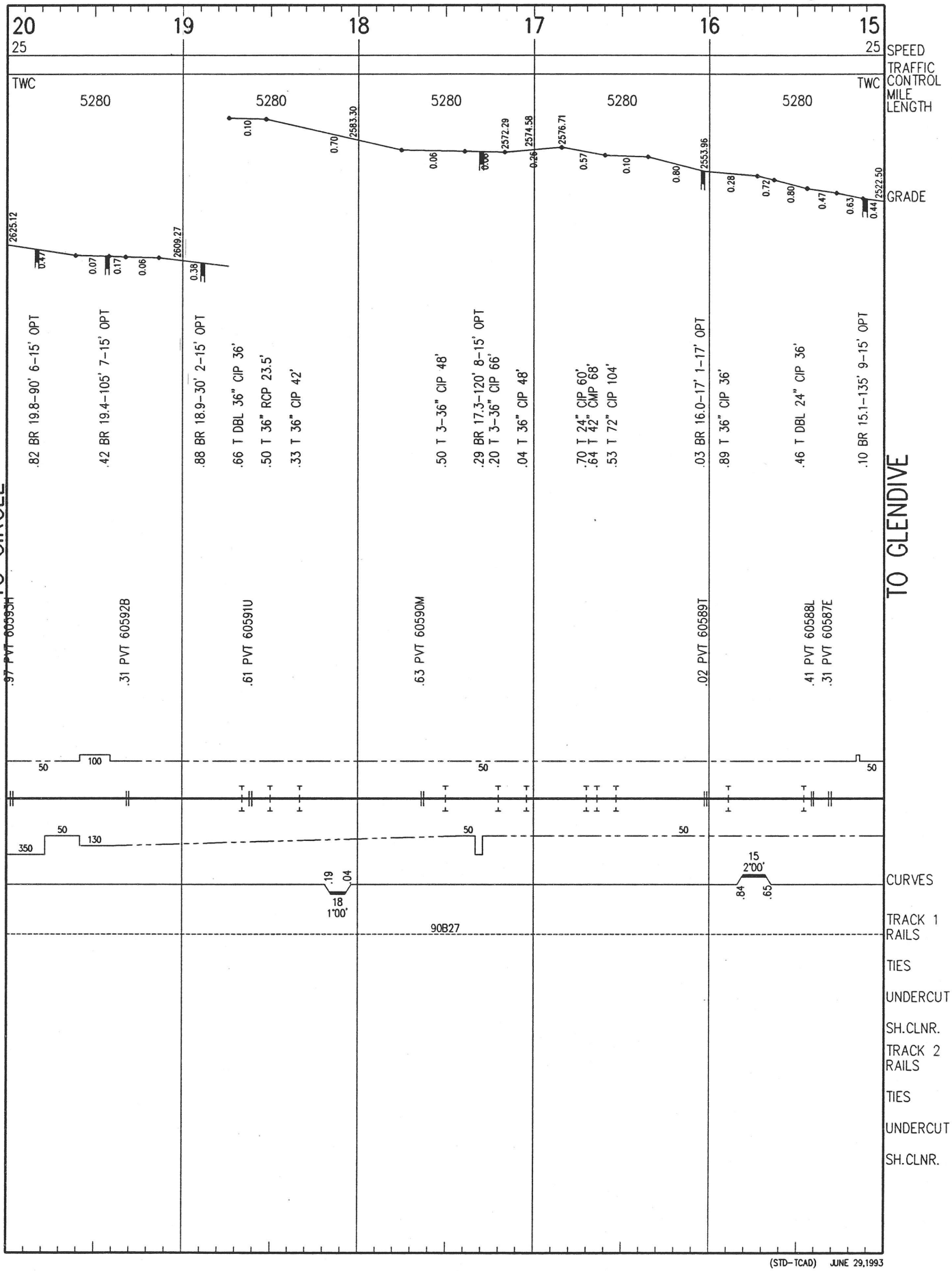
(STD-TCAD) JUNE 29,1993


35
34
33
32
31
30
10
10
SPEED
TRAFFIC CONTROL
MILE LENGTH
GRADE
TWC
TWC
5280
5280
5280
5280
5280
3014.29
3050.49
3046.82
2992.30
3125.77
3098.18
3096.11
TO CIRCLE
TO GLENDIVE
.97 T 24" CIP 42'
.90 T 24" CIP 24'
.78 T 84" MPP 260'
.50 T 24" CIP 78'
.30 T 24" CIP 48'
.13 T 36" CIP 66'
.02 T 24" CIP 36'
.96 T 60" TUNNEL LINER 154'
.93 T 24" CIP 24'
.77 T 36" CIP 282'
.73 T 84" MPP 240'
.71 T 24" CIP 234'
.59 T 24" CIP 132'
.47 T 36" CIP 264'
.43 T 24" CIP 48'
.35 T 24" CIP 60'
.20 T 36" CIP 198'
.02 T 36" CIP 62'
.96 T 36" CIP 264'
.91 T 36" CIP 246'
.67 T 36" CIP 432'
.67 T 24" CIP 114'
.41 T 2-36" CIP 30'
.08 T 36" CIP 120'
.83 T 24" CIP 36'
.48 T 114" MPP 204'
.08 T 84" MPP 84'
.97 T 36" CIP 48'
.89 T 24" CIP 24'
.81 T 36" CIP 66'
.76 T 36" CIP 78'
.66 T 36" CIP 72'
.36 T 2-36" CIP 108'
.04 T 2-36" CIP 72'
.42 PVT 60609C
.81 PVT 60608V
.22 PVT 60607N
.84 #
.68 PUB XBUCKS 60606G
.61 #
34B 6°00'
34 3°00'
33 6°00'
32A 6°00'
31 3°00'
30A 2°00'
34A 6°00'
33A 4°00'
32B 6°00'
32 6°00'
30 3°00'
CURVES
90B27
TRACK 1 RAILS
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
SPOT TAMPED
M.P. 30.0 TO M.P. 50.0 -91
(STD-TCAD) JUNE 29,1993

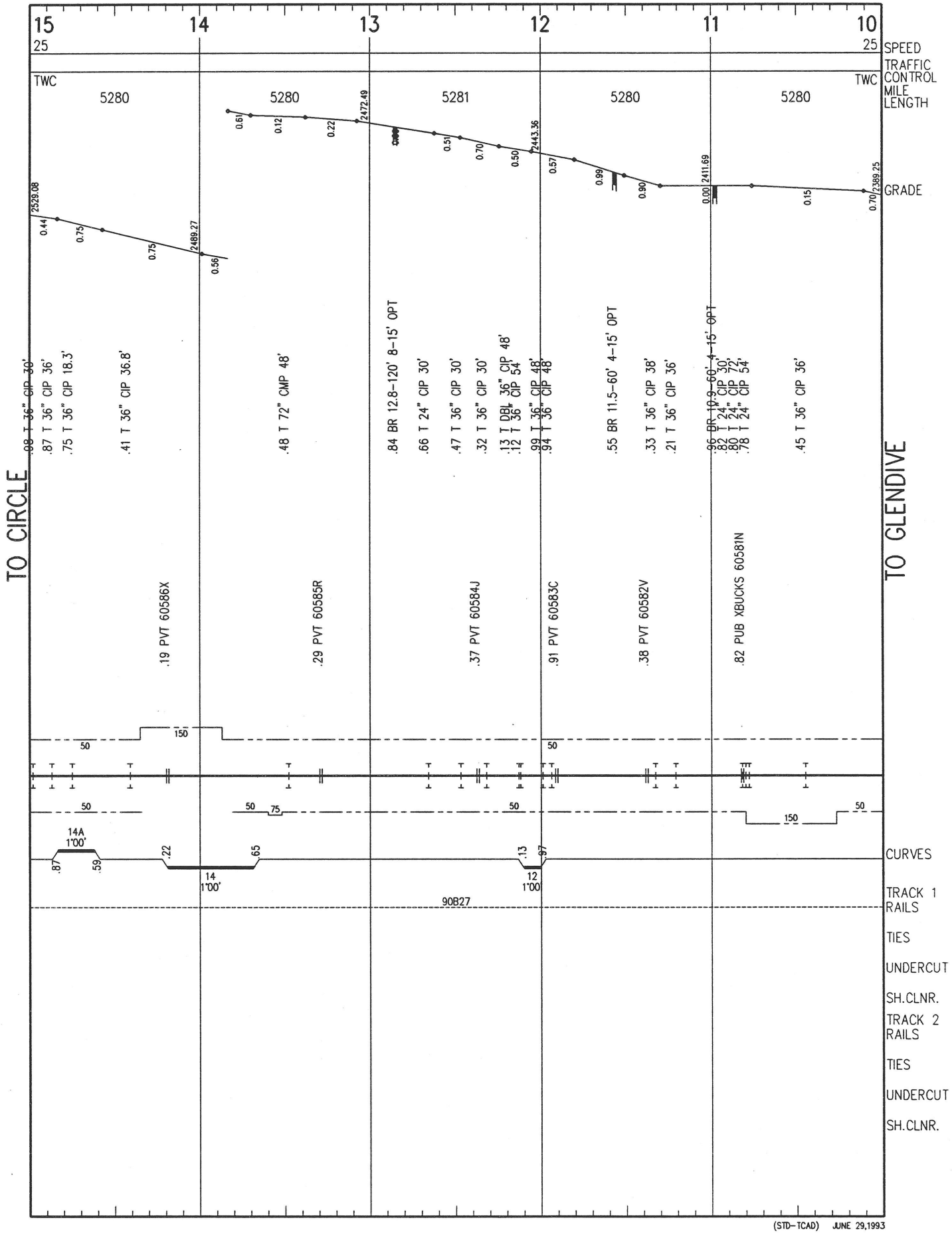

30
29
28
27
26
25
10
10 25
25
SPEED
TRAFFIC CONTROL
MILE LENGTH
GRADE
CURVES
TRACK 1 RAILS
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
TWC
TWC
5281
5280
5280
5280
5280
3006.20
2945.74
2904.00
2857.61
2813.10
2785.00
TO CIRCLE
TO GLENDIVE
.63 T 2-36" CIP 42'
.37 T 24" CIP 30'
.32 T 36" CIP 48'
.23 T 36" CIP 48'
.10 T 3-36" CIP 60'
.89 T 2-36" CIP 84'
.74 T 36" CIP 78'
.61 BR 27.6-165' 11-15' OPT
.18 T 2-36" CIP 42'
.06 T 2-36" CIP 42'
.97 T 24" CIP 36'
.86 T DBL 36" CIP 54'
.70 T 36" CIP 42'
.64 T 24" CIP 54'
.38 BR 26.4-105' 7-15' OPT
.07 T 24" CIP 42'
.01 T DBL 36" CIP 48'
.83 T 3-36" CIP 42'
.69 T DBL 36" CIP 54'
.50 T 3-36" CIP 48'
.11 BR 25.1-120' 8-15' OPT
.03 PVT 98700E
.18 PVT 60605A
.44 PVT 60604T
.85 PVT 60603L
.16 PVT 60602E
30 3°00'
29A 2°00'
29 3°00'
28 3°00'
27 2°00'
26 1°00'
25A 1°00'
25 3°00'
90B27
NOTE: FRA EXCEPTED TRACK
M.P. 28.0 TO M.P. 50.0
(STD-TCAD) JUNE 29,1993



(STD-TCAD) JUNE 29,1993



(STD-TCAD) JUNE 29,1993



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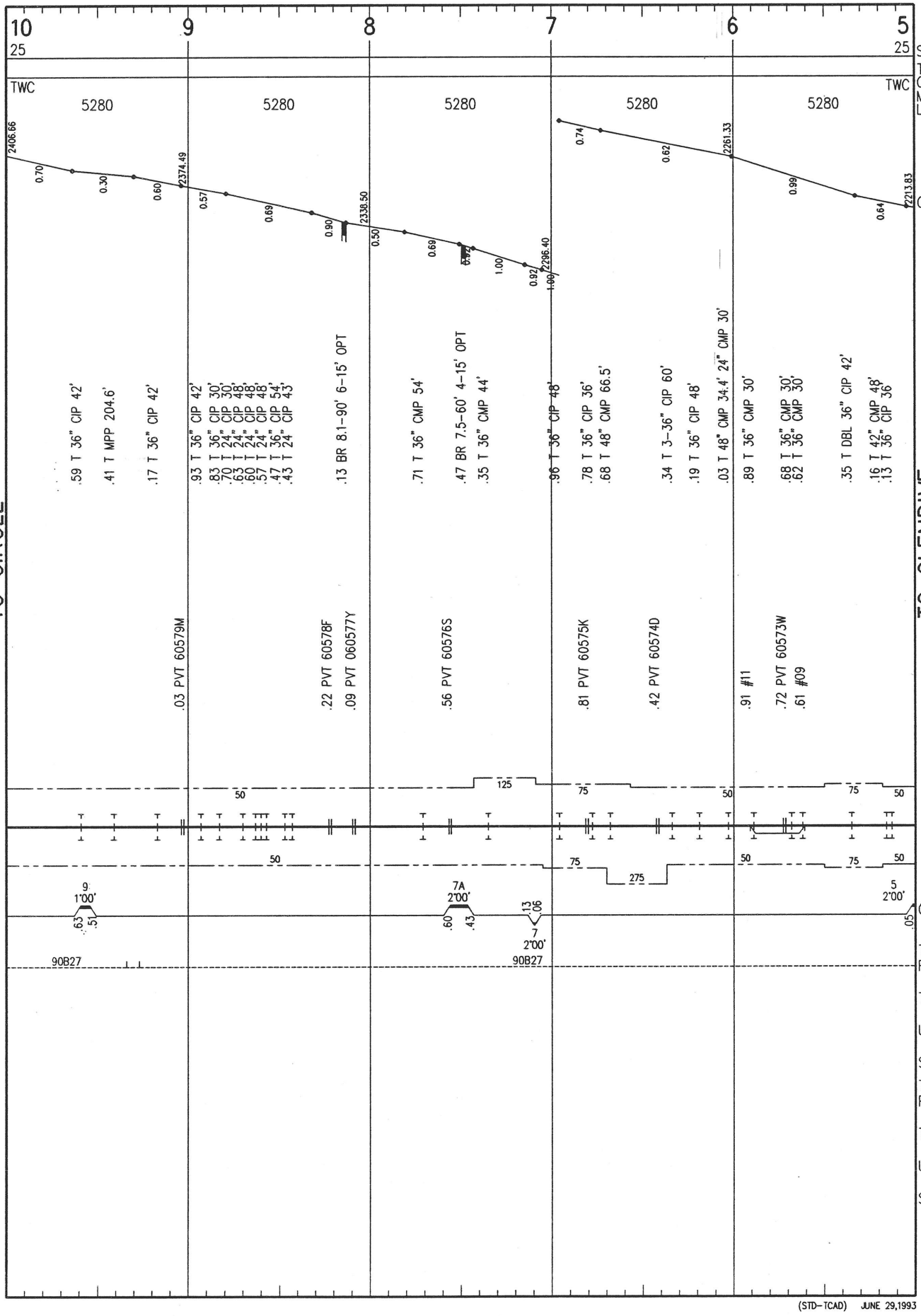
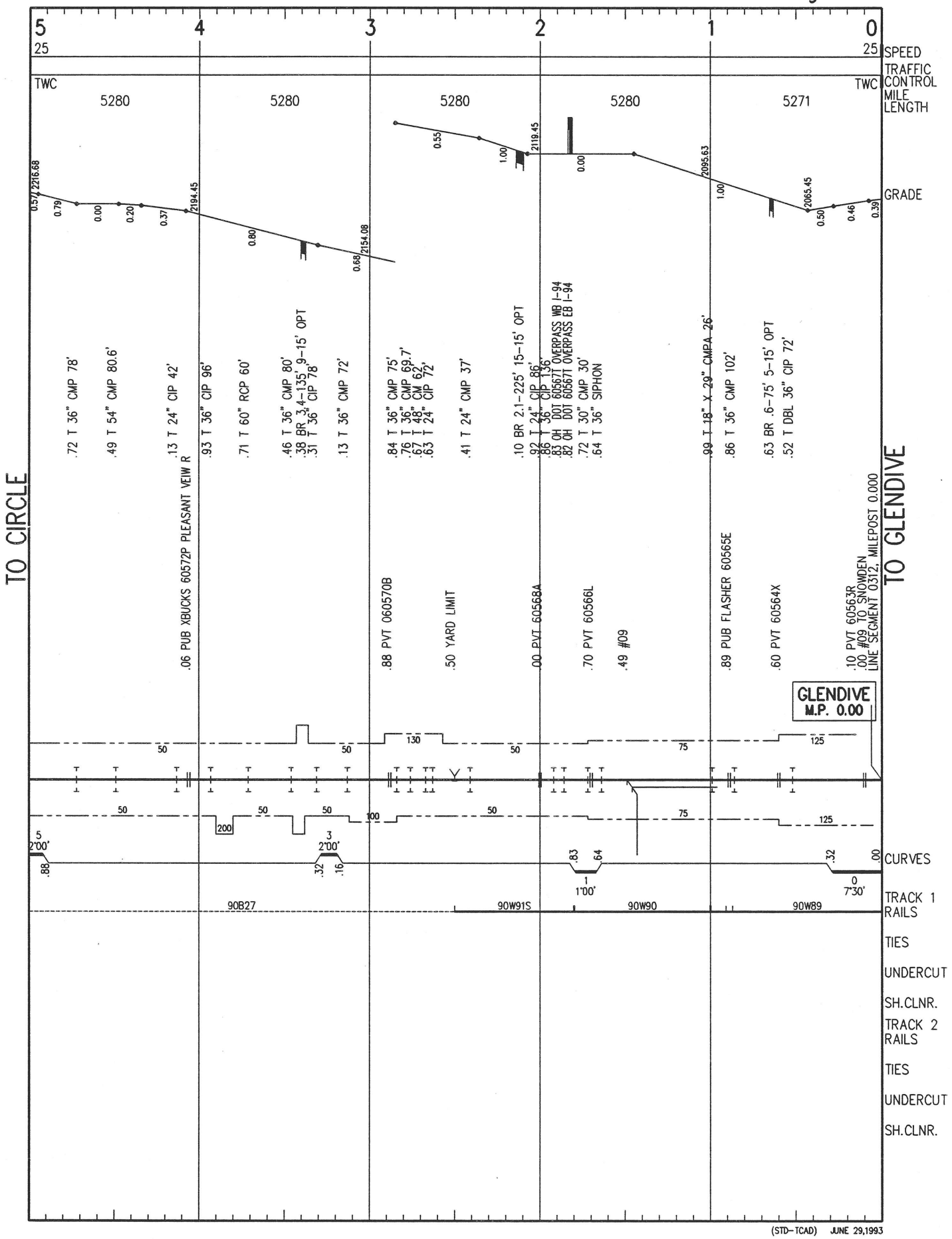


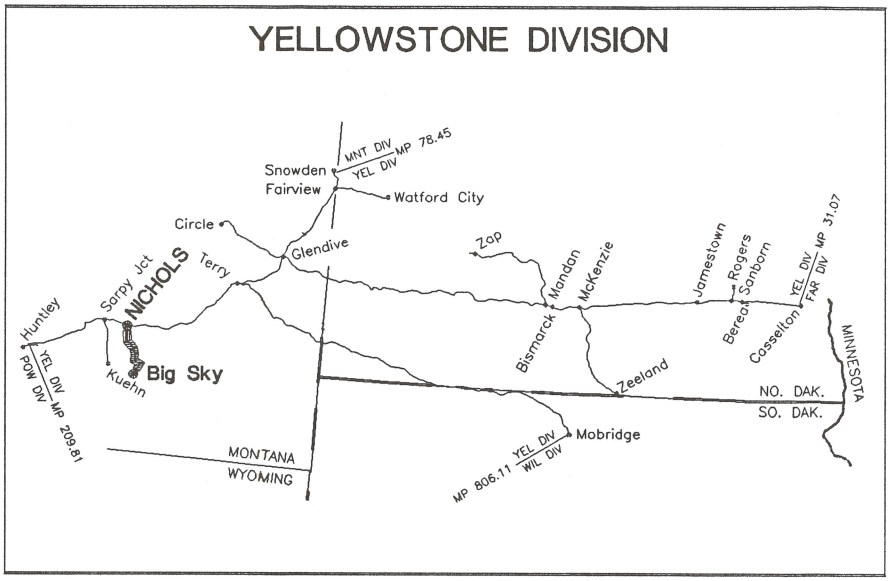
(STD-TCAD) JUNE 29,1993

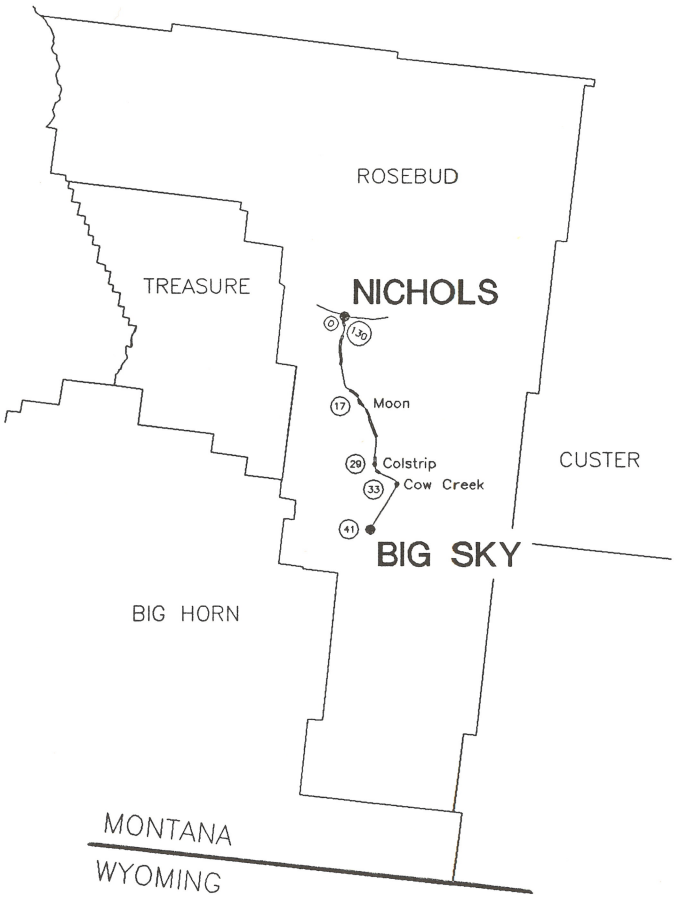


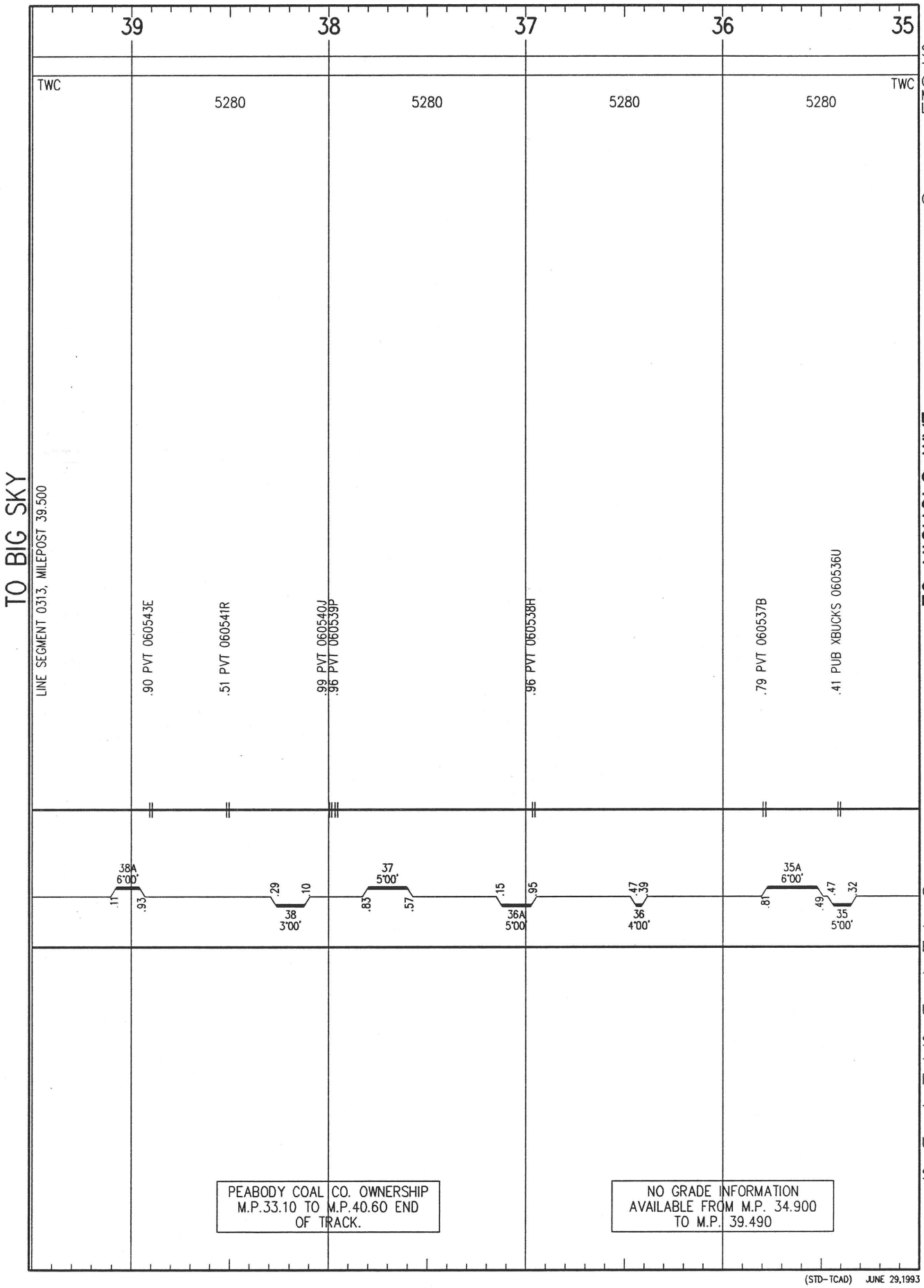
(STD-TCAD) JUNE 29,1993

BURLINGTON NORTHERN
YELLOWSTONE DIVISION

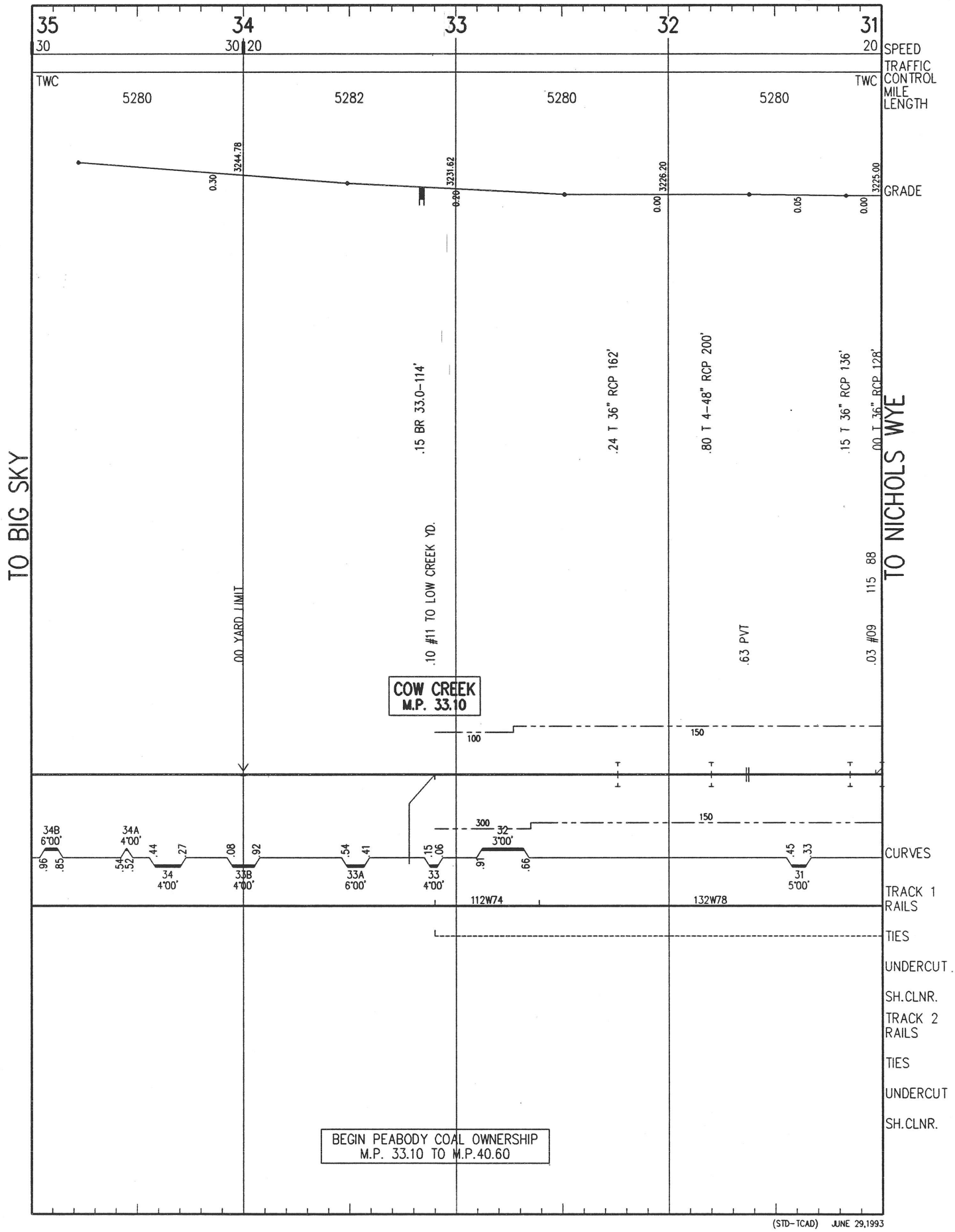
COLSTRIP SUBDIVISION

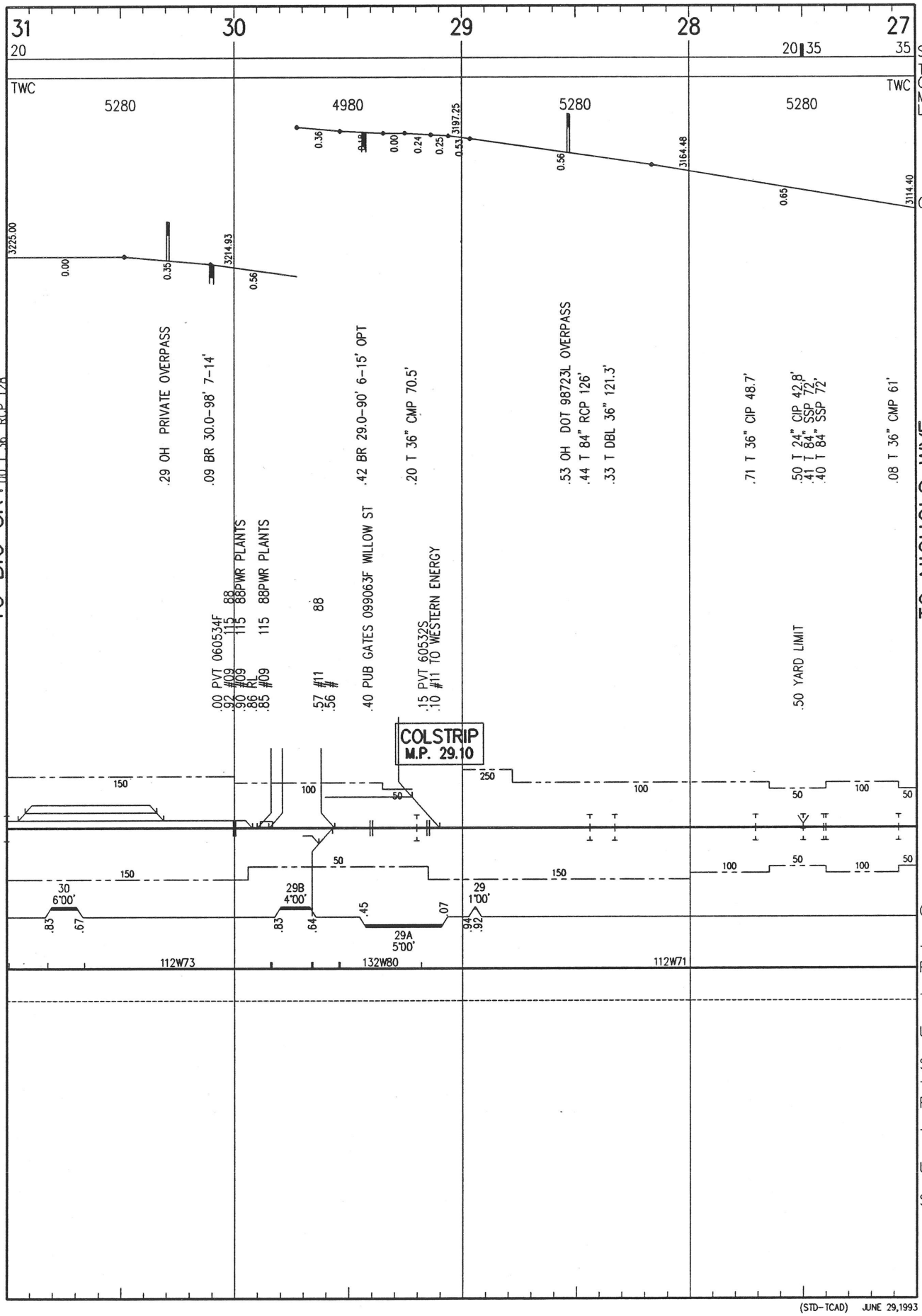




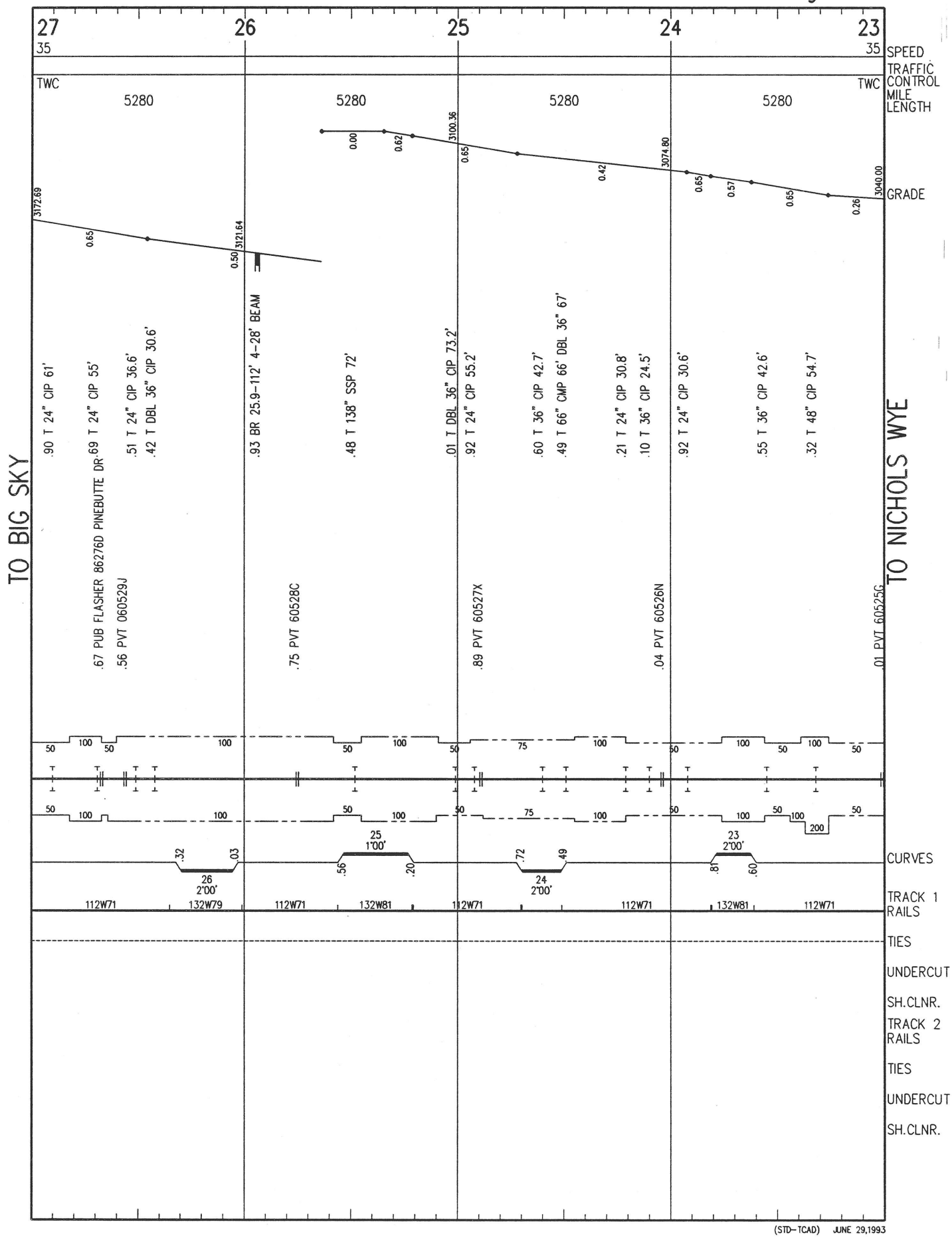


(STD-TCAD) JUNE 29,1993

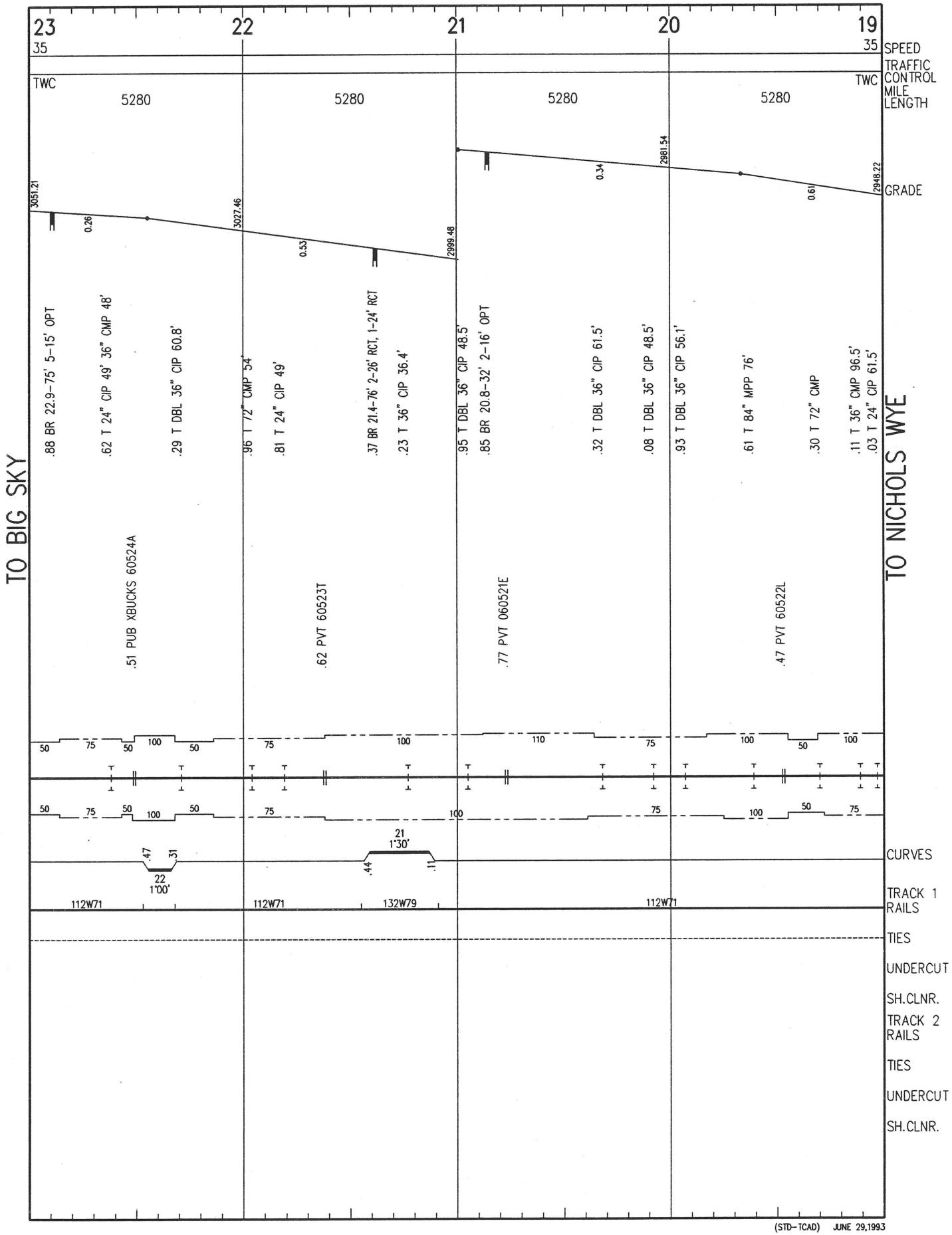

35
34
33
32
31
30
30
20
20
SPEED
TRAFFIC CONTROL
MILE LENGTH
TWC
TWC
5280
5282
5280
5280
3244.78
3231.62
3226.20
3225.00
0.30
0.20
0.00
0.05
0.00
GRADE
TO BIG SKY
TO NICHOLS WYE
.15 BR 33.0-114'
.24 T 36" RCP 162'
.80 T 4-48" RCP 200'
.15 T 36" RCP 136'
.00 T 36" RCP 128'
.00 YARD LIMIT
.10 #11 TO LOW CREEK YD.
.63 PVT
.03 #09
115 88
COW CREEK
M.P. 33.10
100
150
300
150
34B 6°00'
34A 4°00'
34 4°00'
33B 4°00'
33A 6°00'
33 4°00'
32 3°00'
31 5°00'
CURVES
112W74
132W78
TRACK 1 RAILS
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
BEGIN PEABODY COAL OWNERSHIP
M.P. 33.10 TO M.P.40.60
(STD-TCAD) JUNE 29,1993



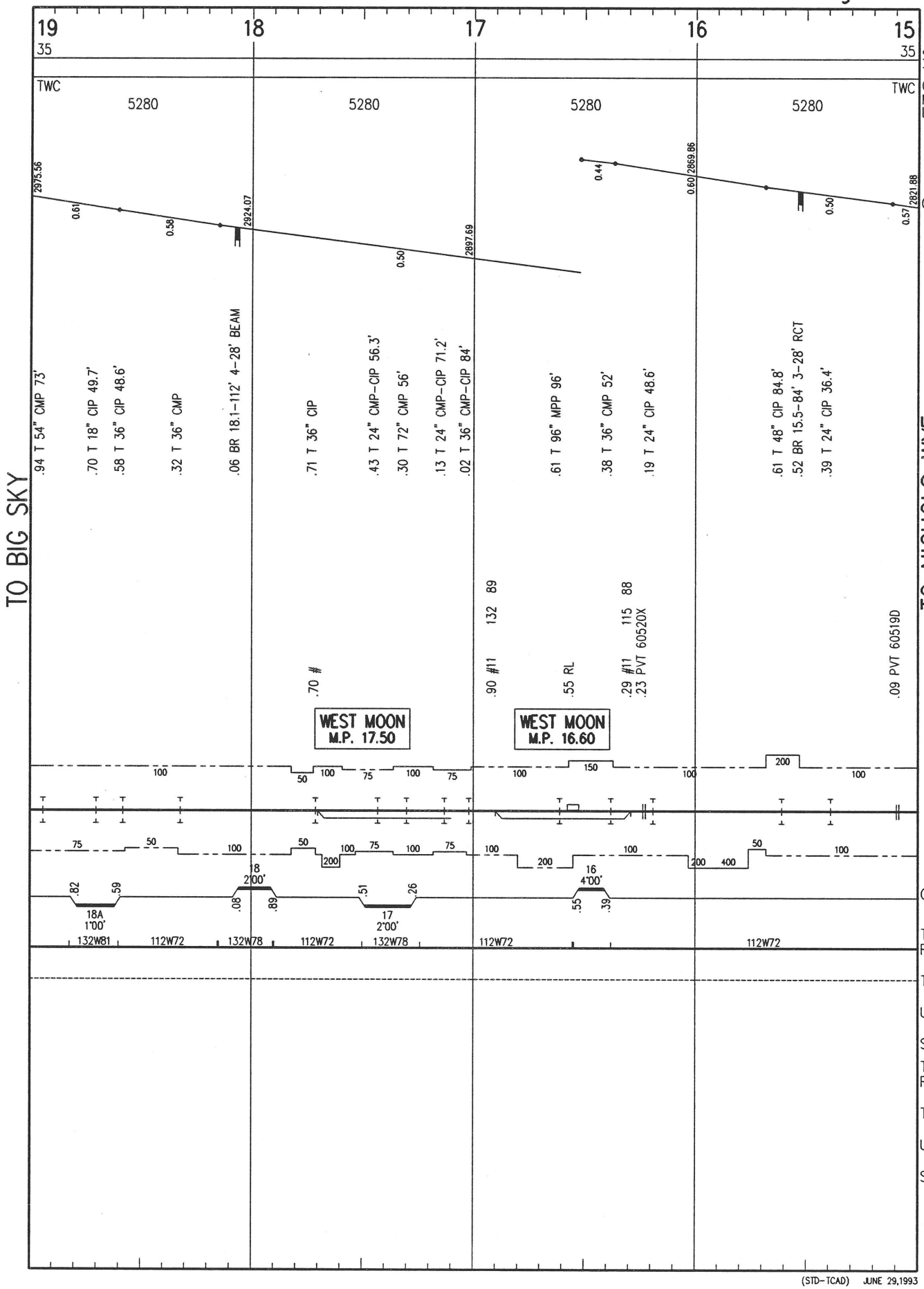
(STD-TCAD) JUNE 29,1993



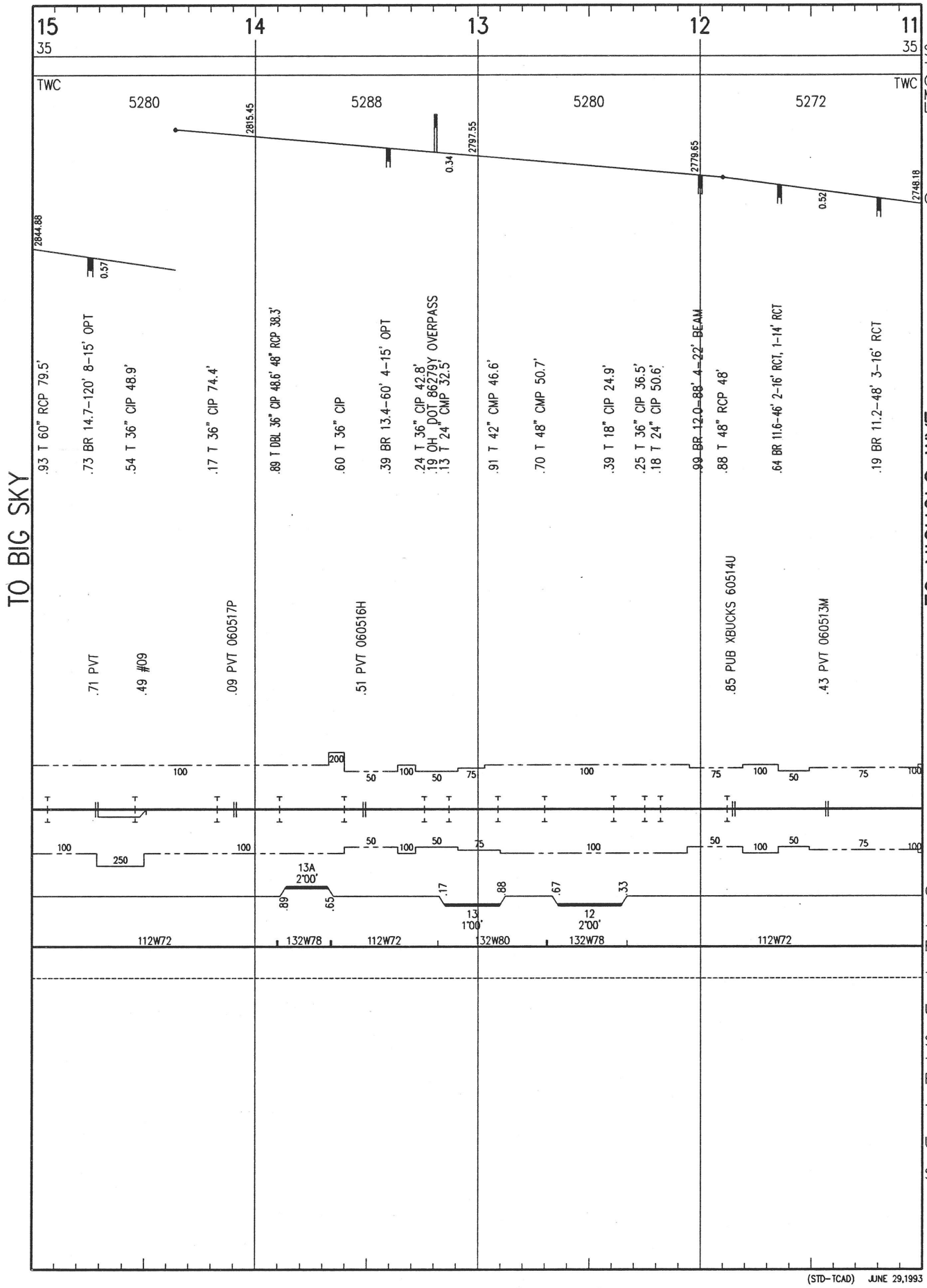
(STD-TCAD) JUNE 29,1993



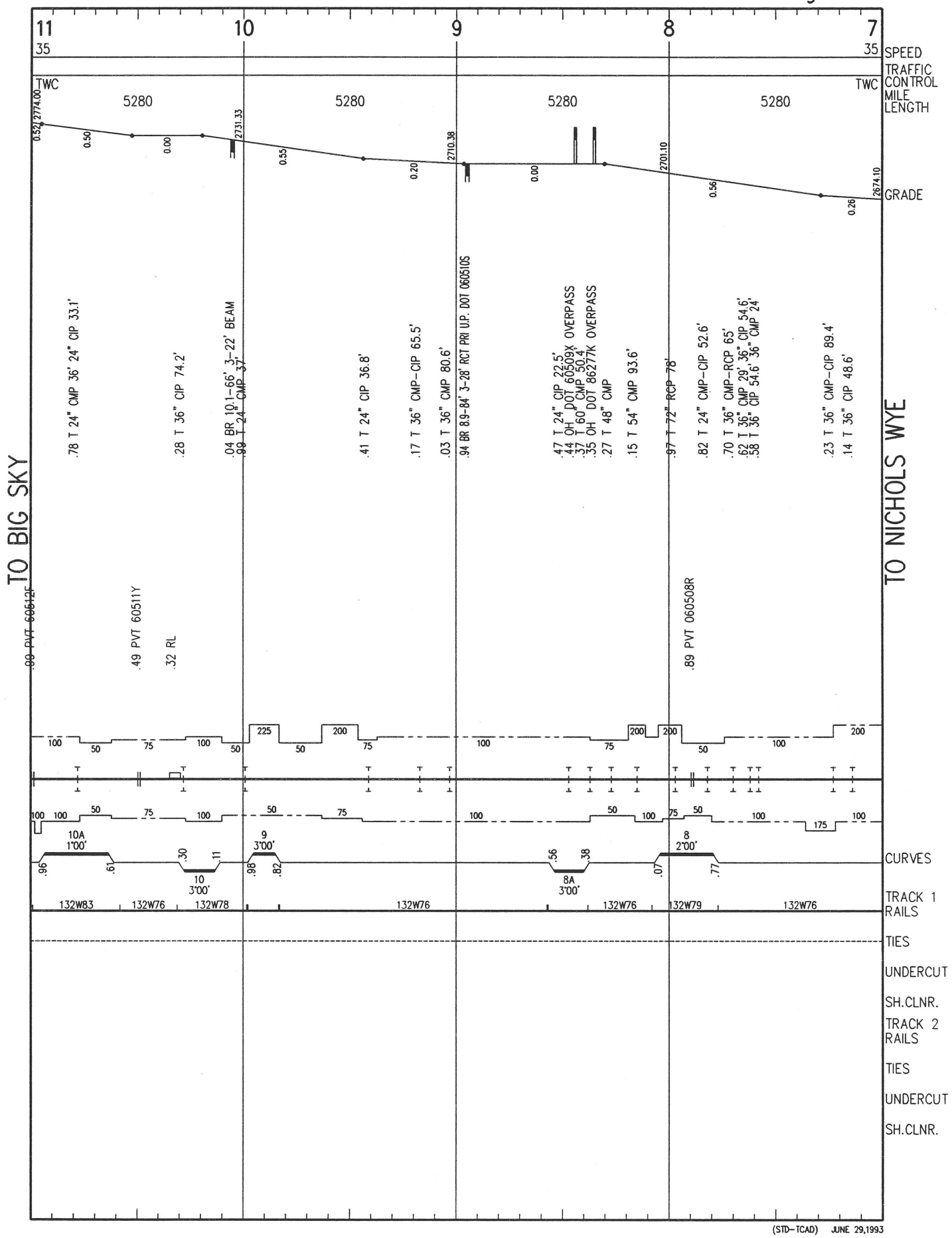
(STD-TCAD) JUNE 29,1993



(STD-TCAD) JUNE 29,1993



(STD-TCAD) JUNE 29,1993



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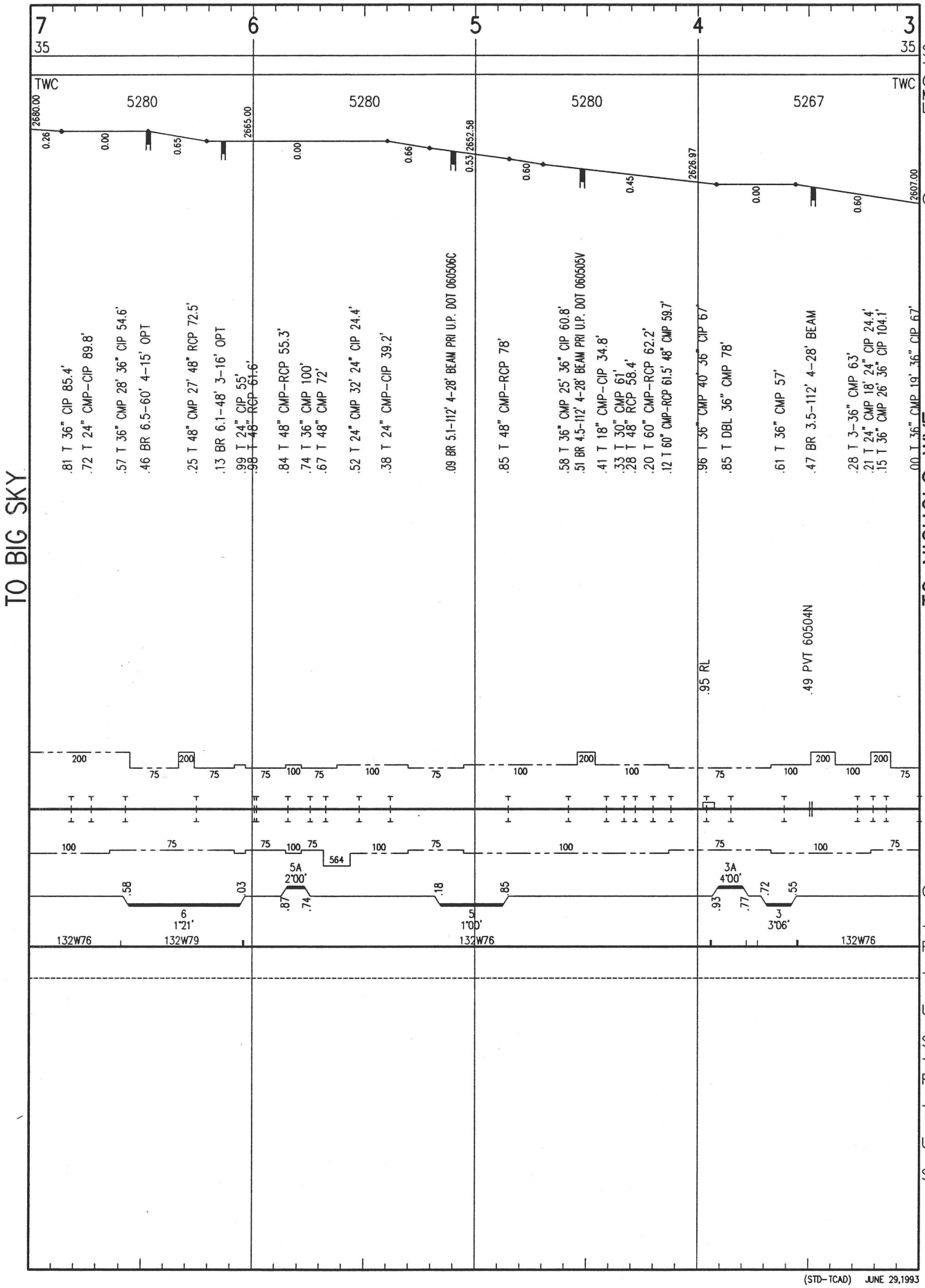
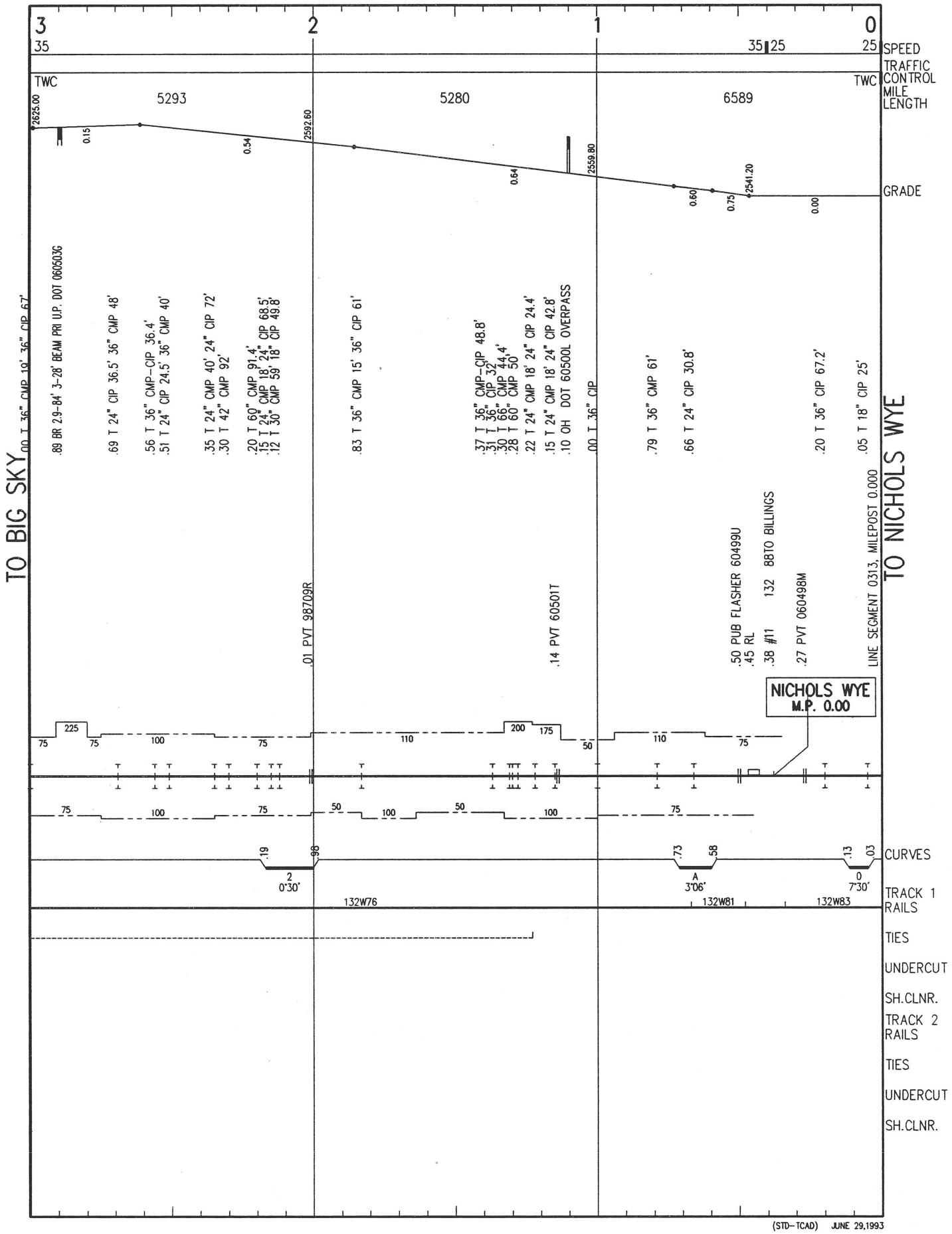


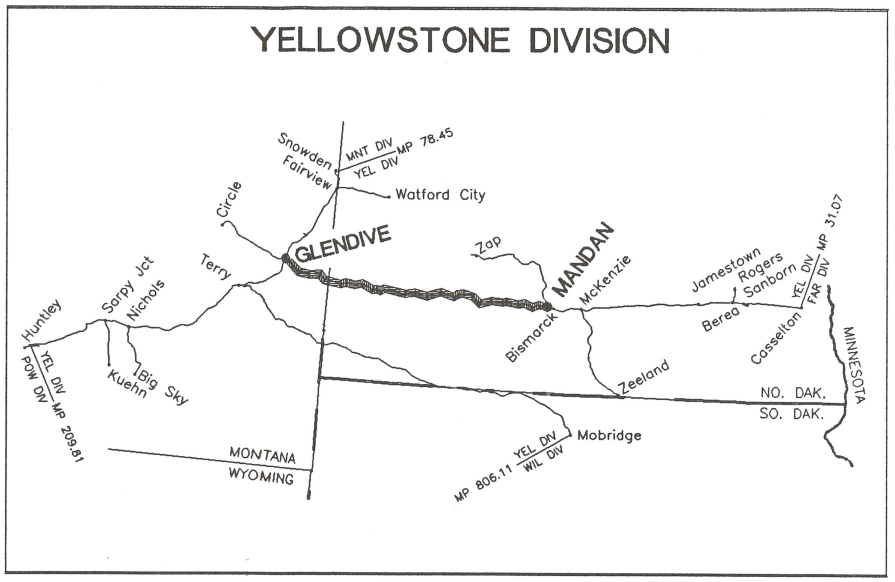
(STD-TCAD) JUNE 29,1993

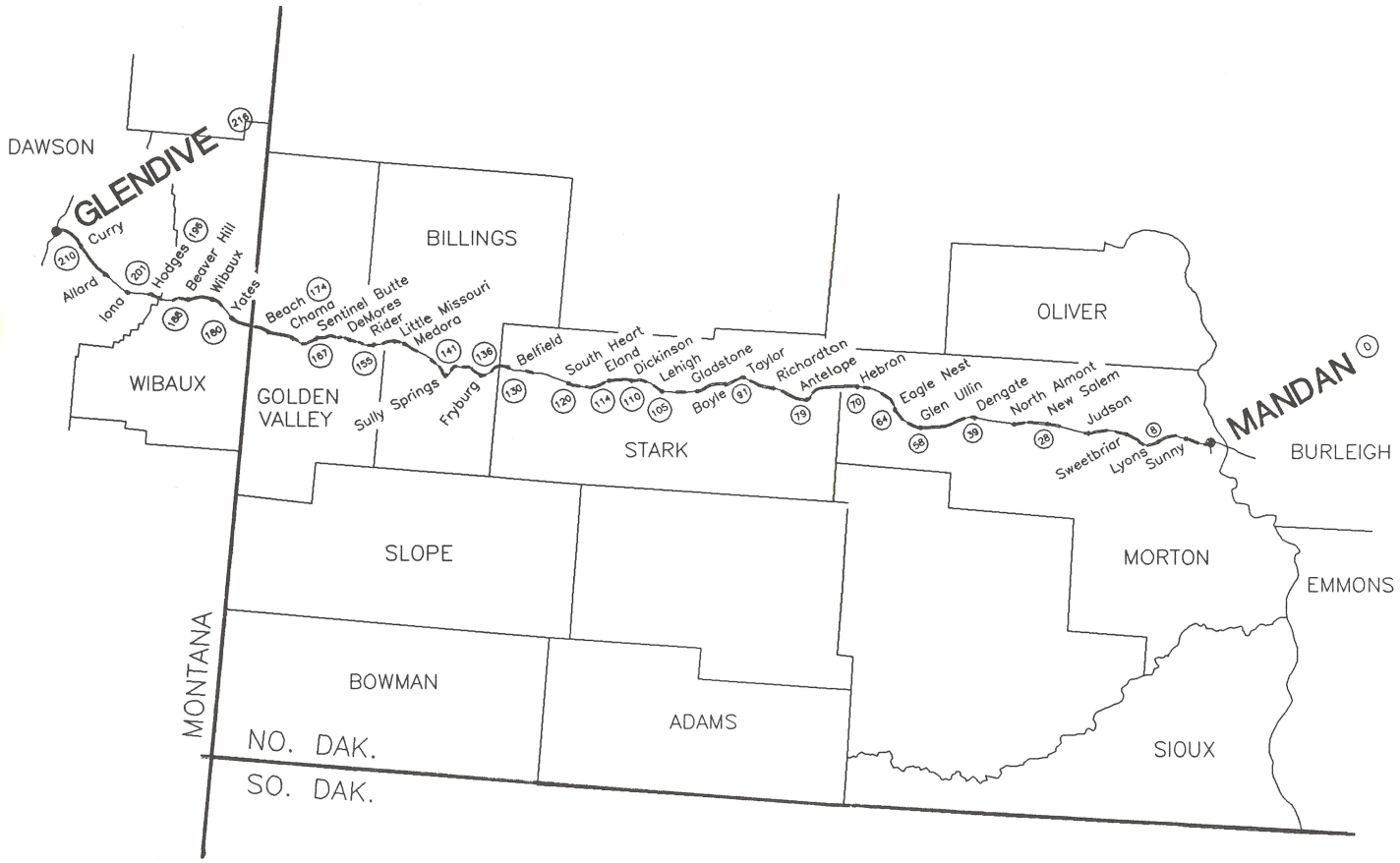


(STD-TCAD) JUNE 29,1993

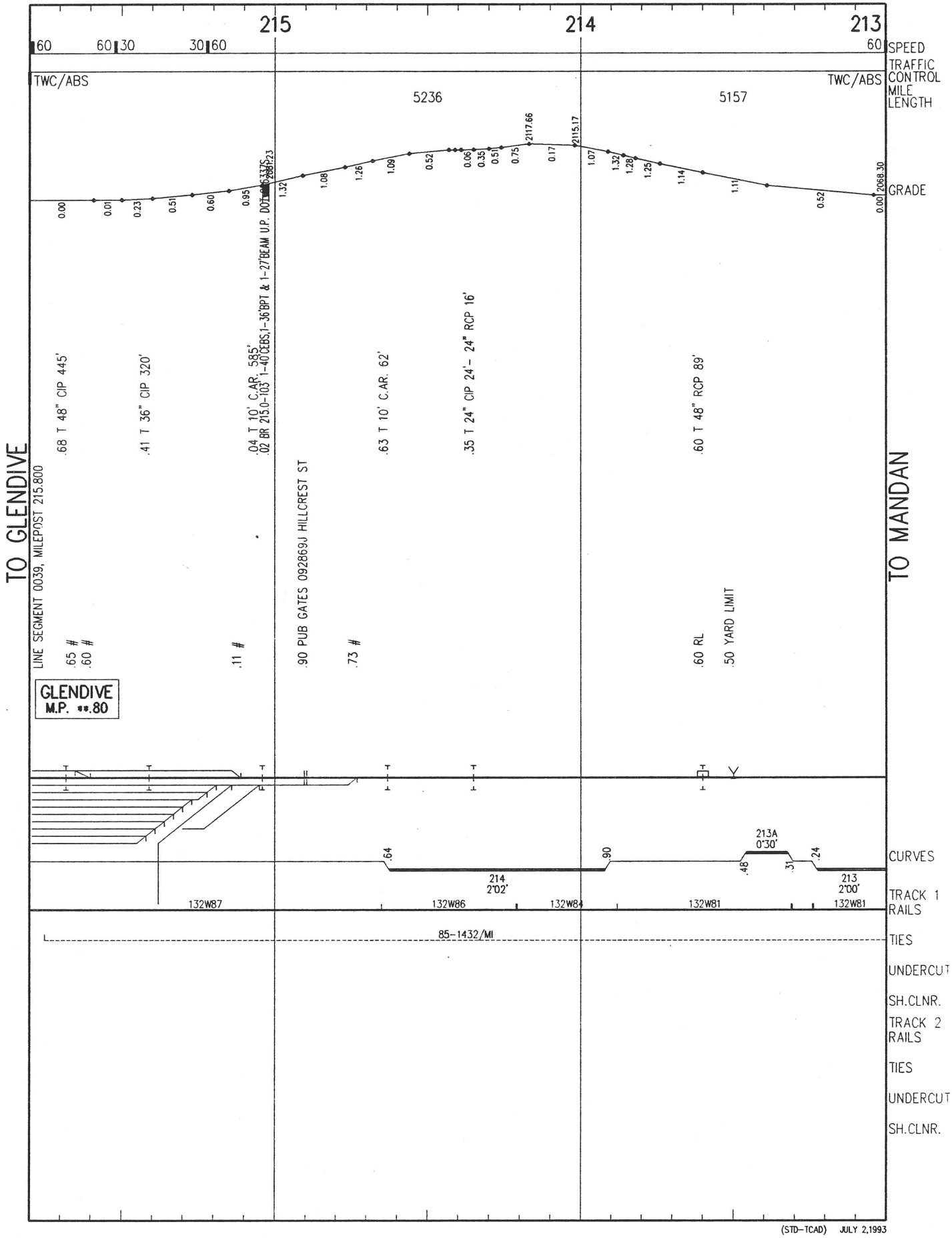
BURLINGTON NORTHERN
YELLOWSTONE DIVISION

DICKINSON SUBDIVISION

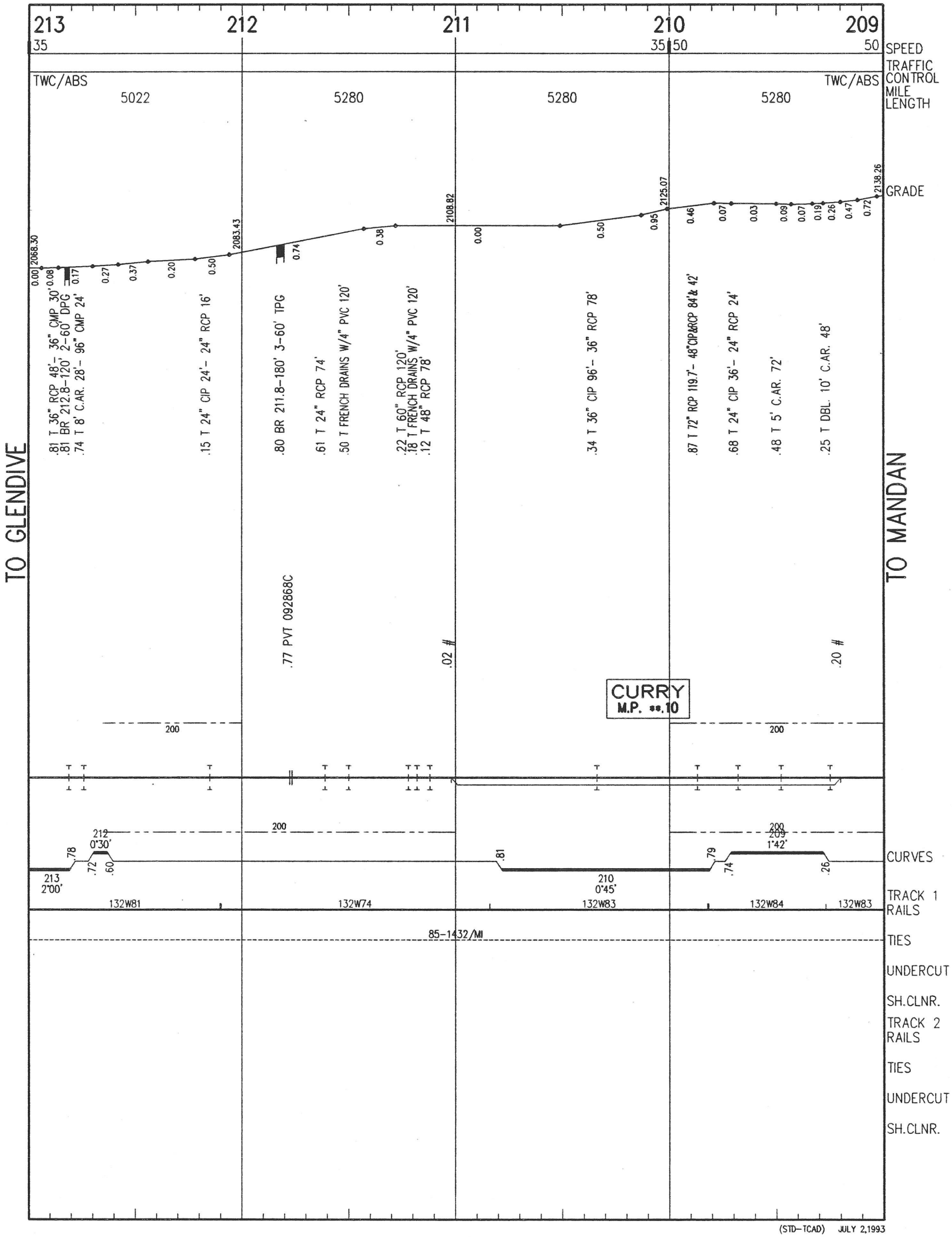




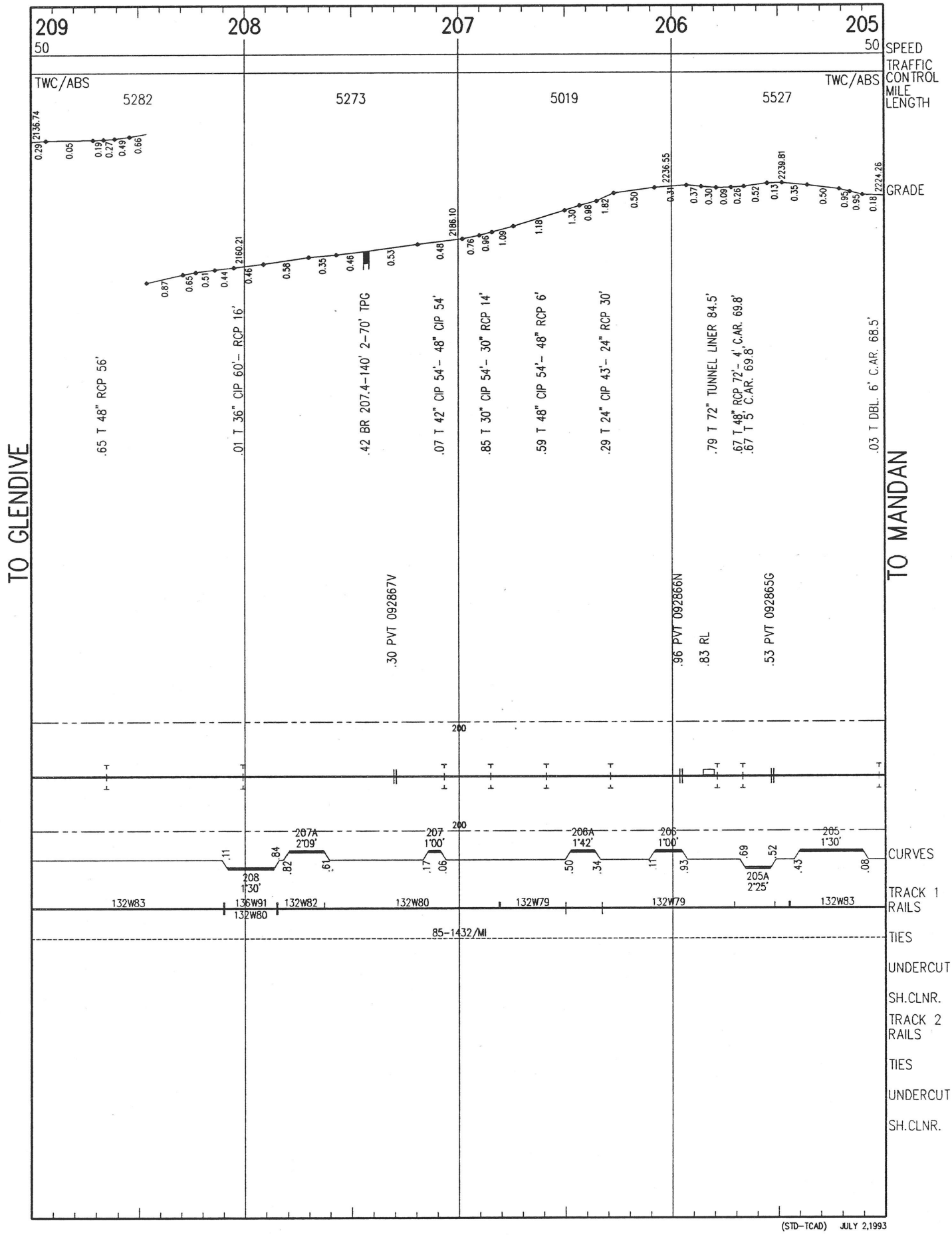
YEL-DIC LS 0039 Page 001



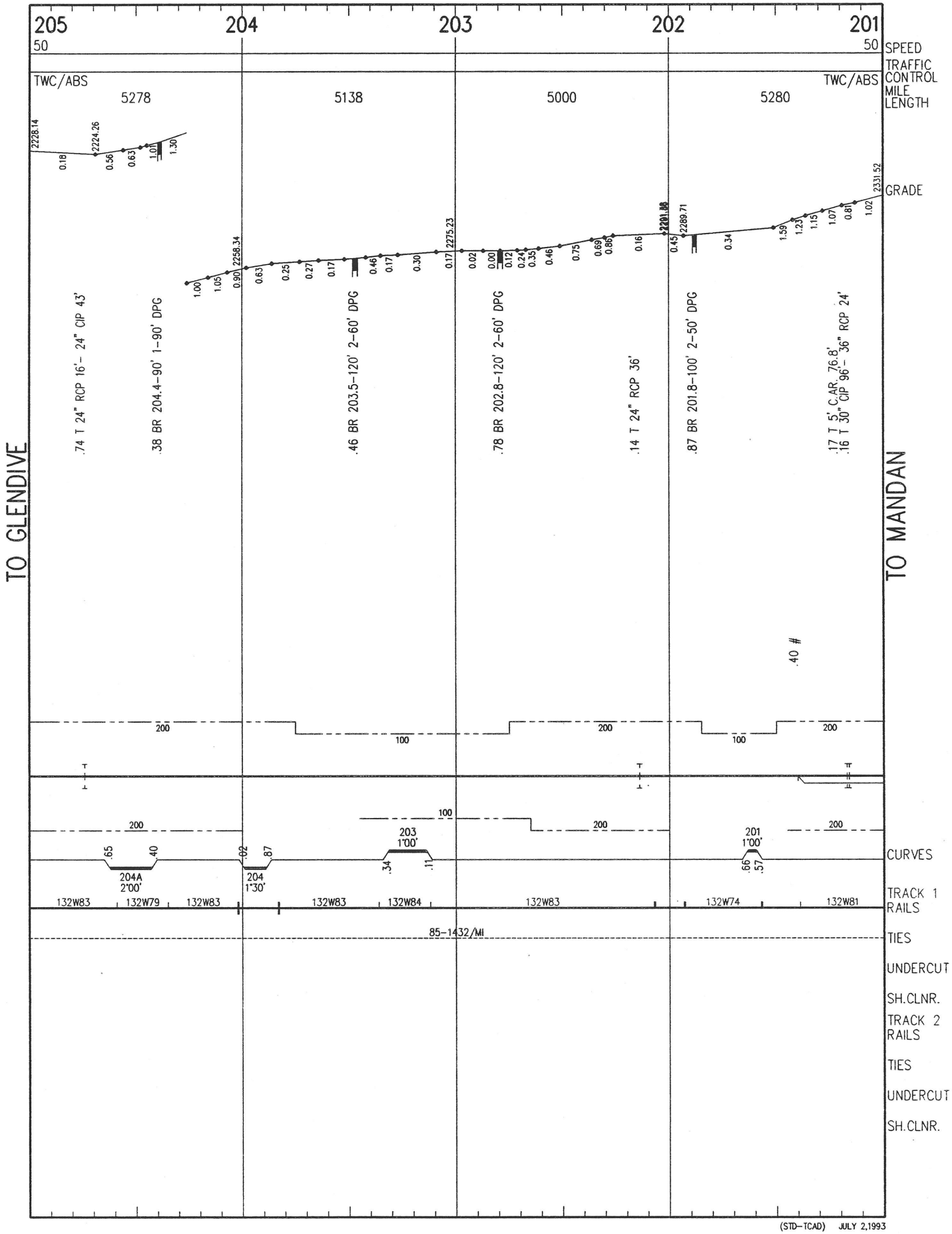
(STD-TCAD) JULY 2,1993



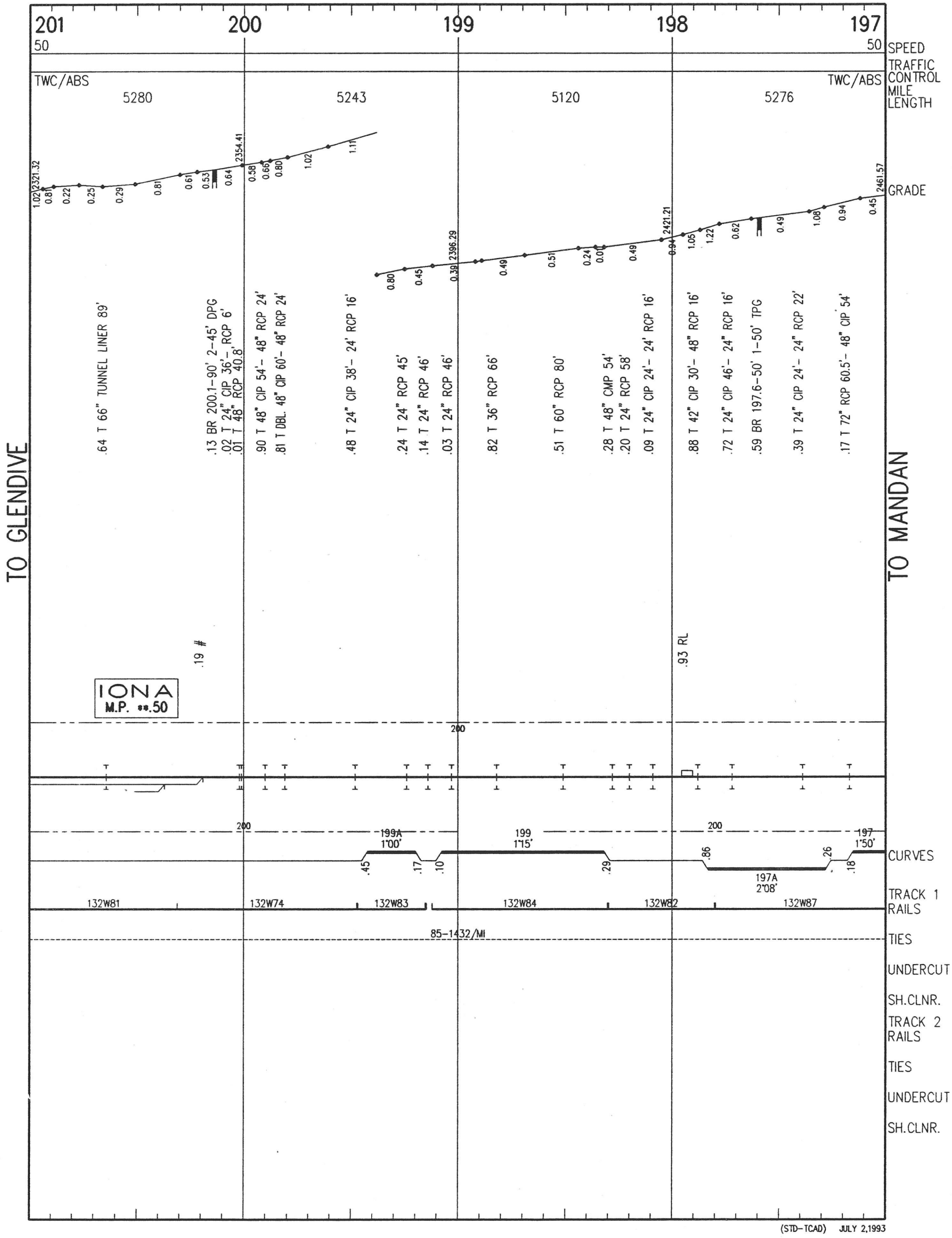
(STD-TCAD) JULY 2,1993



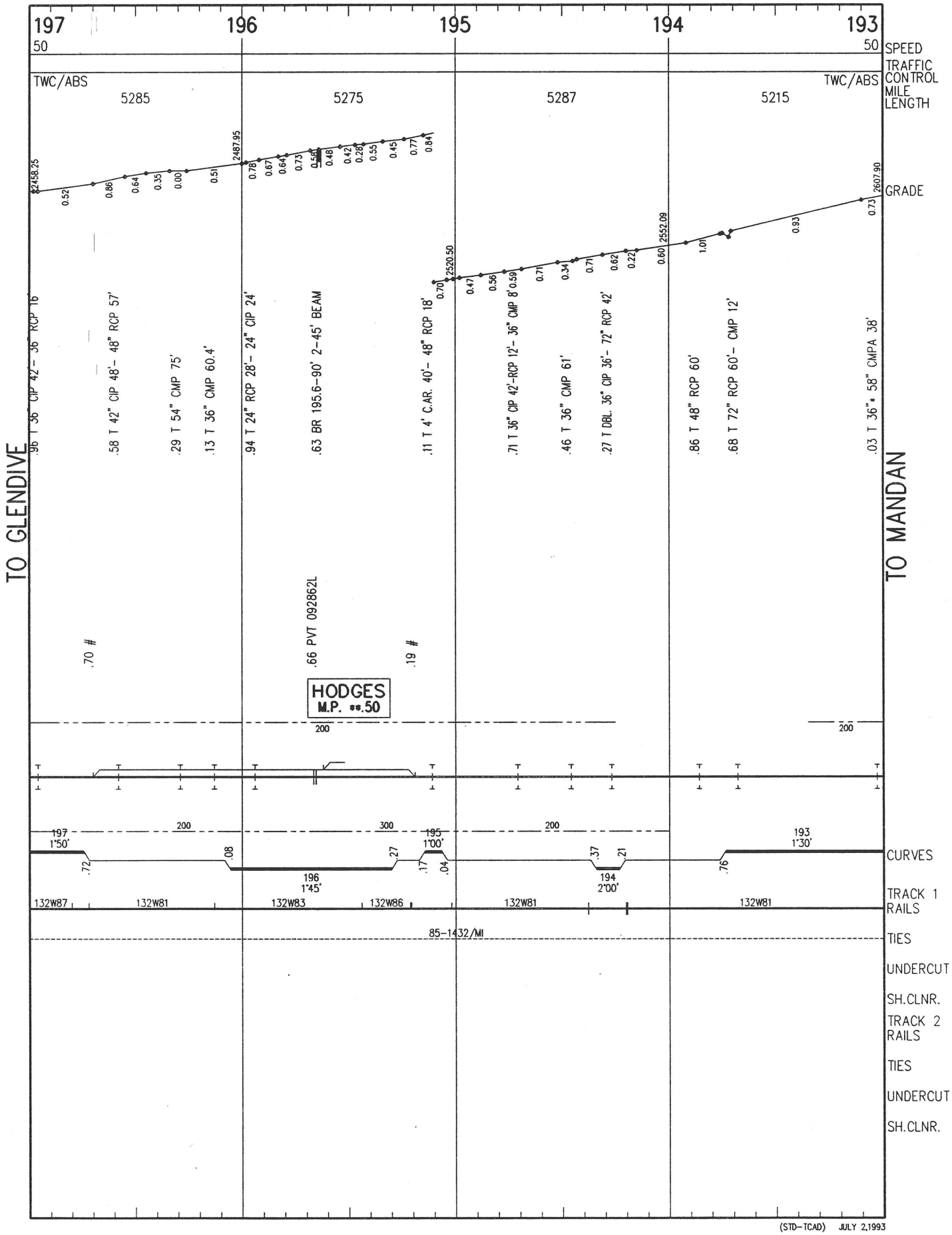
(STD-TCAD) JULY 2,1993



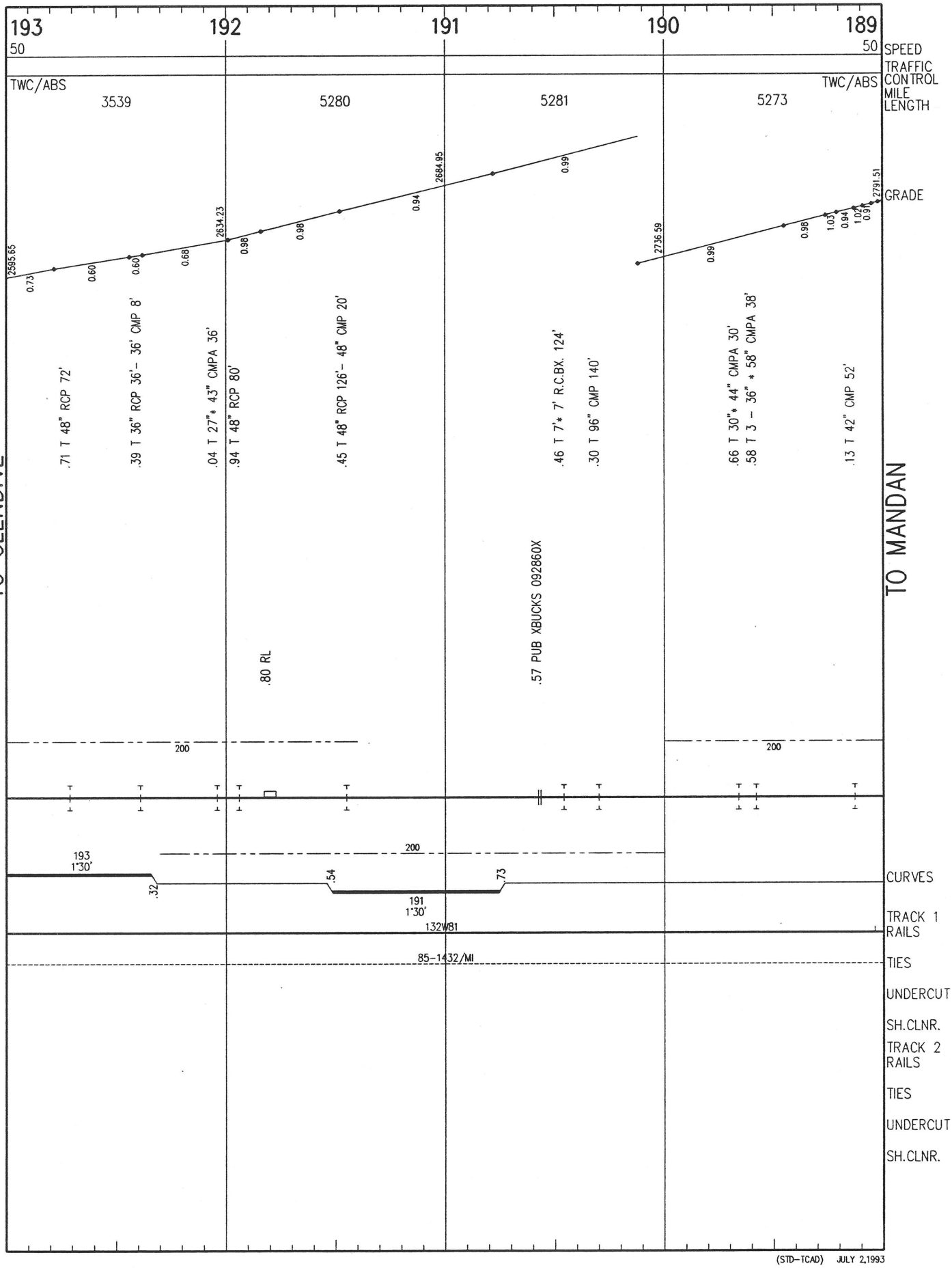
(STD-TCAD) JULY 2,1993

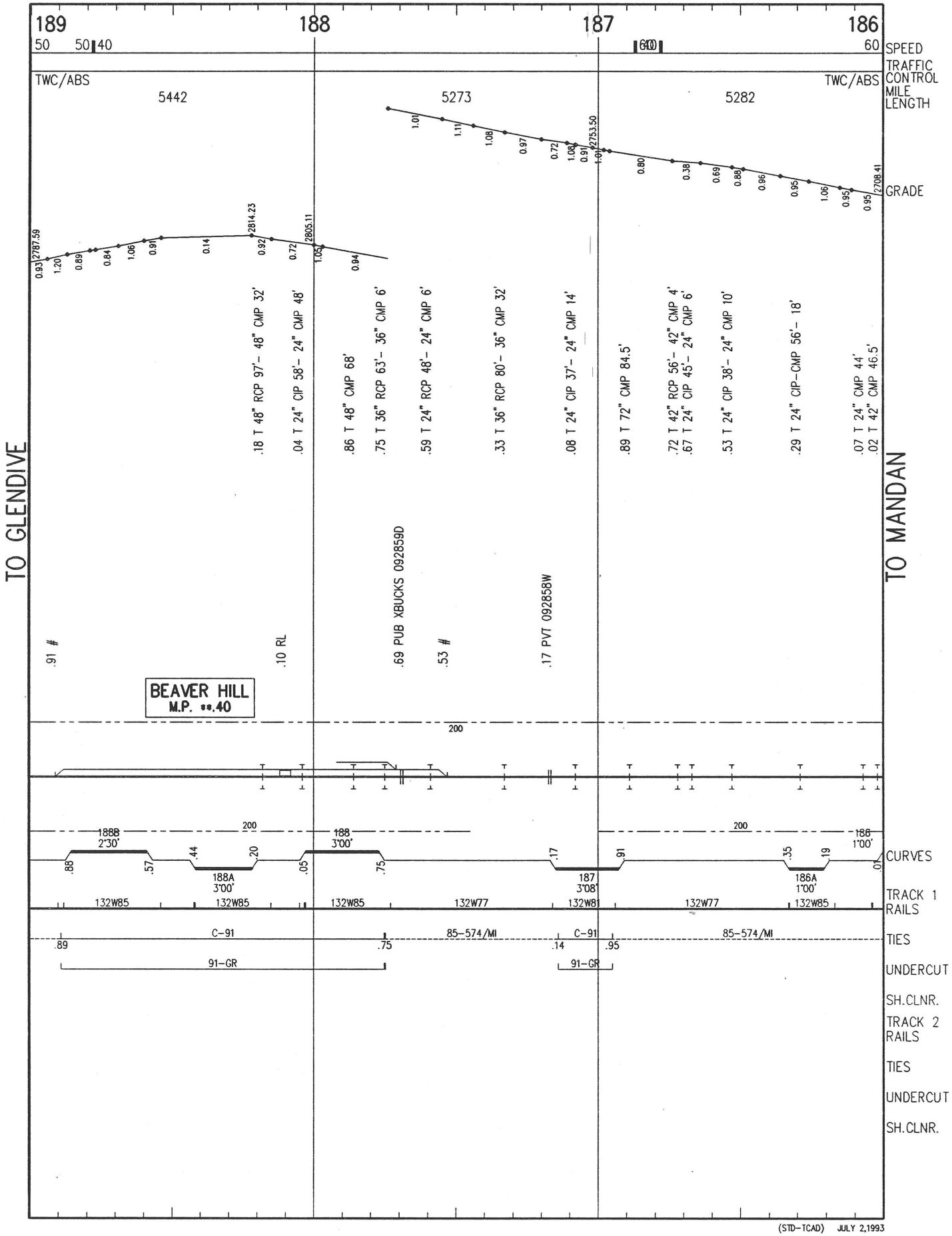


(STD-TCAD) JULY 2,1993

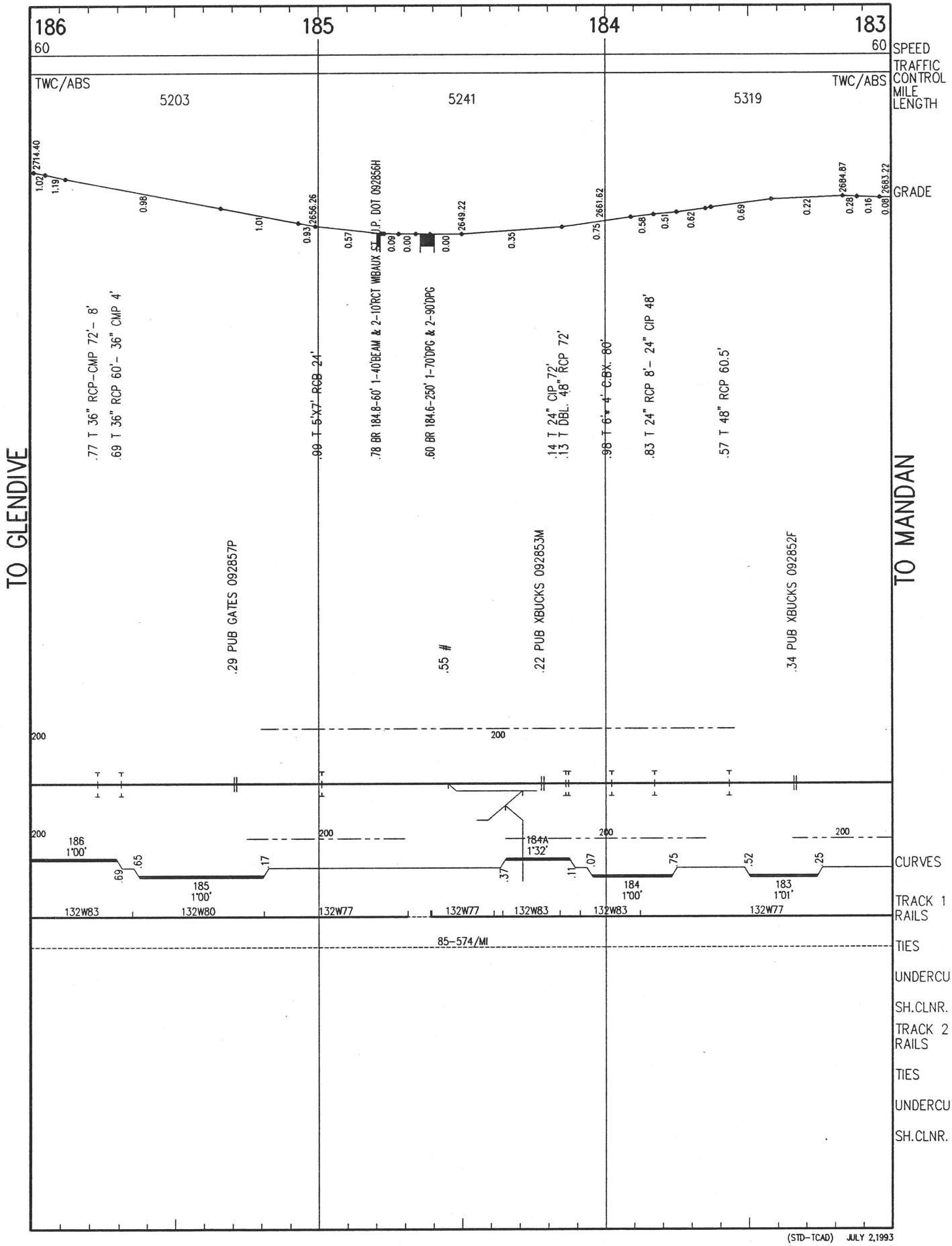


(STD-TCAD) JULY 2,1993

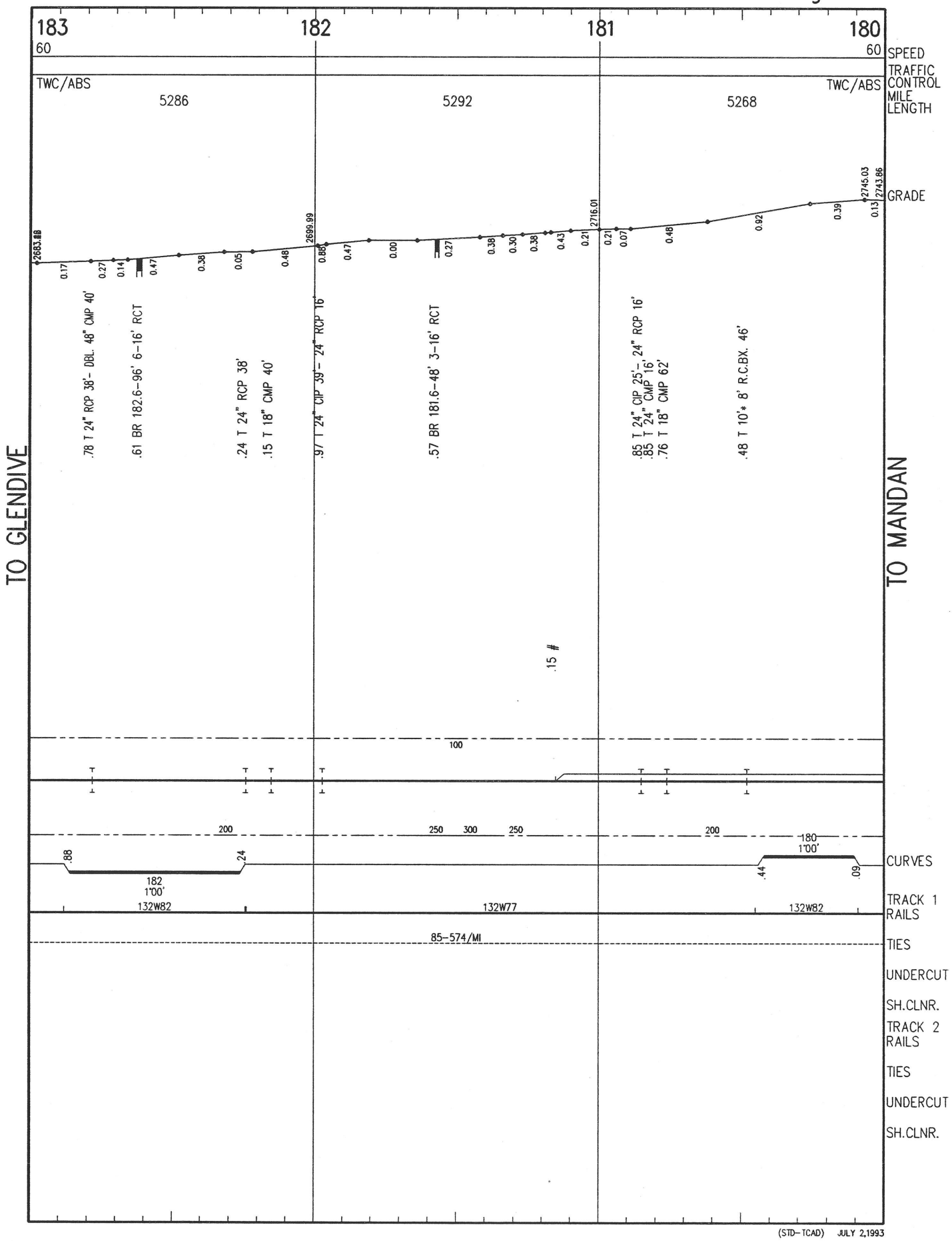

193
192
191
190
189
50
50
SPEED
TRAFFIC CONTROL
MILE LENGTH
TWC/ABS
TWC/ABS
3539
5280
5281
5273
GRADE
2595.65
2634.23
2684.95
2736.59
2791.51
0.73
0.60
0.60
0.68
0.98
0.98
0.94
0.99
0.99
0.98
1.03
0.94
1.02
0.91
.71 T 48" RCP 72'
.39 T 36" RCP 36'- 36' CMP 8'
.04 T 27"* 43" CMPA 36'
.94 T 48" RCP 80'
.45 T 48" RCP 126'- 48" CMP 20'
.46 T 7'* 7' R.C.BX. 124'
.30 T 96" CMP 140'
.66 T 30"* 44" CMPA 30'
.58 T 3 - 36" * 58" CMPA 38'
.13 T 42" CMP 52'
.80 RL
.57 PUB XBUCKS 092860X
TO GLENDIVE
TO MANDAN
200
200
200
193
1°30'
.32
.54
.73
191
1°30'
CURVES
132W81
TRACK 1 RAILS
85-1432/MI
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
(STD-TCAD) JULY 2,1993



(STD-TCAD) JULY 2,1993



(STD-TCAD) JULY 2,1993



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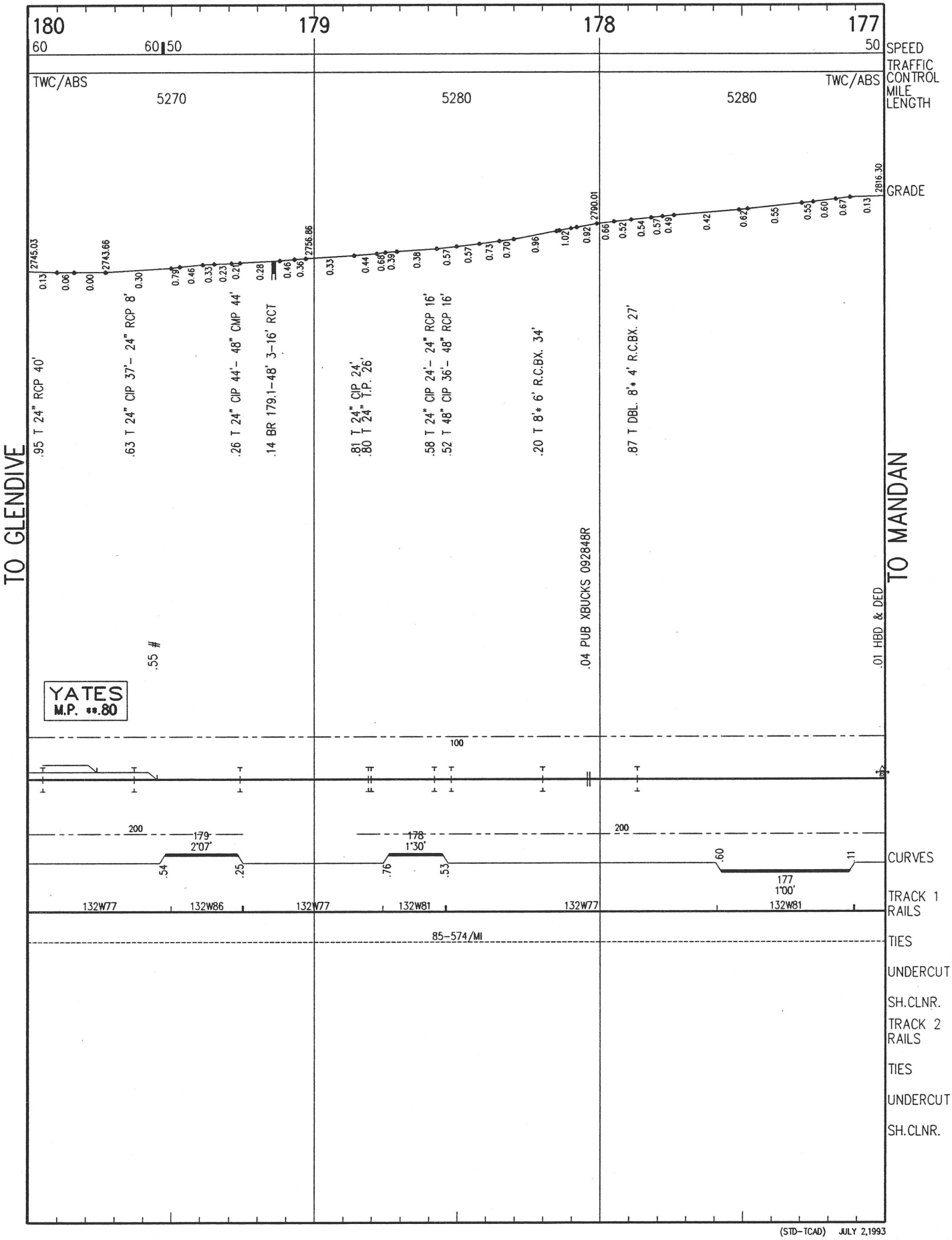

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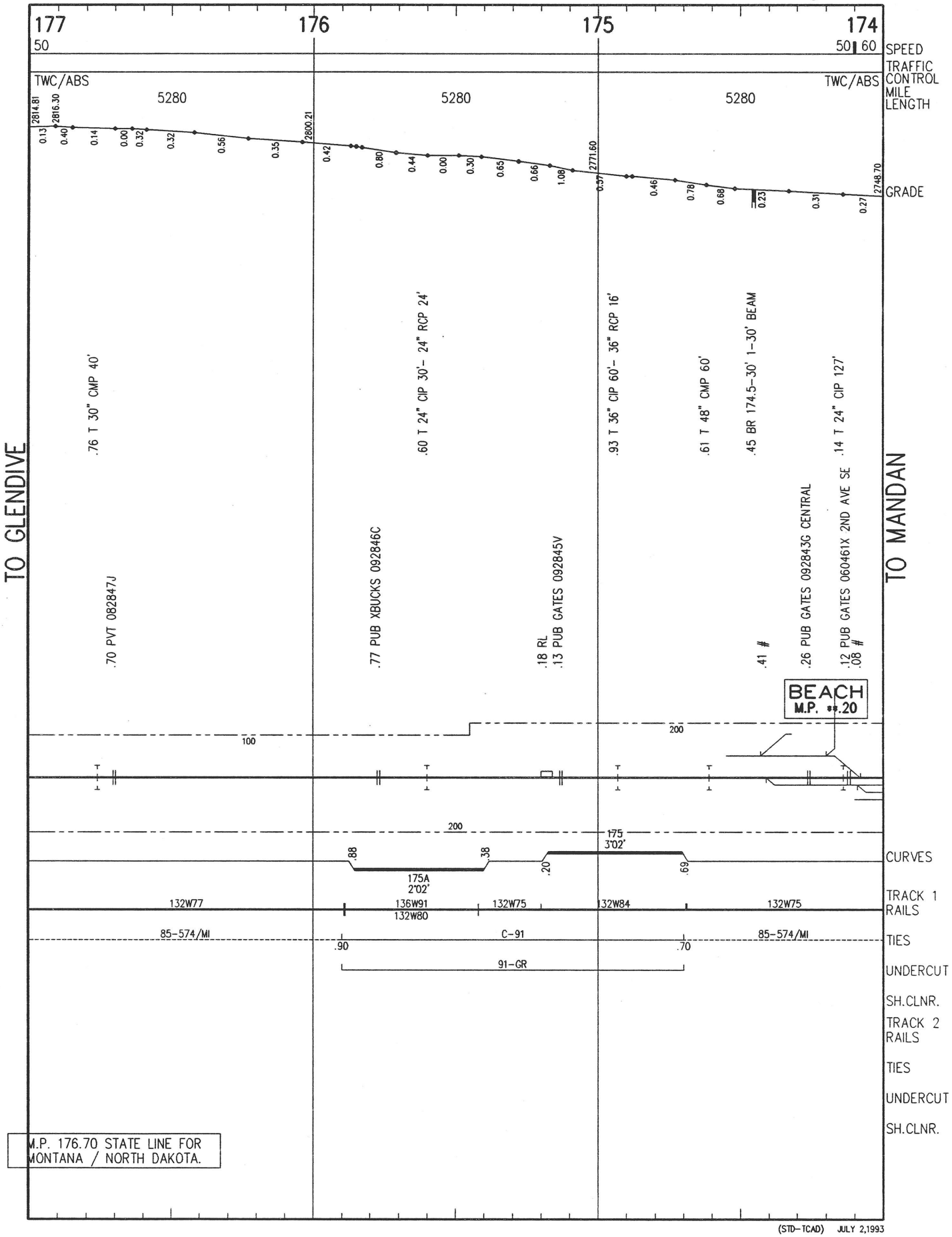

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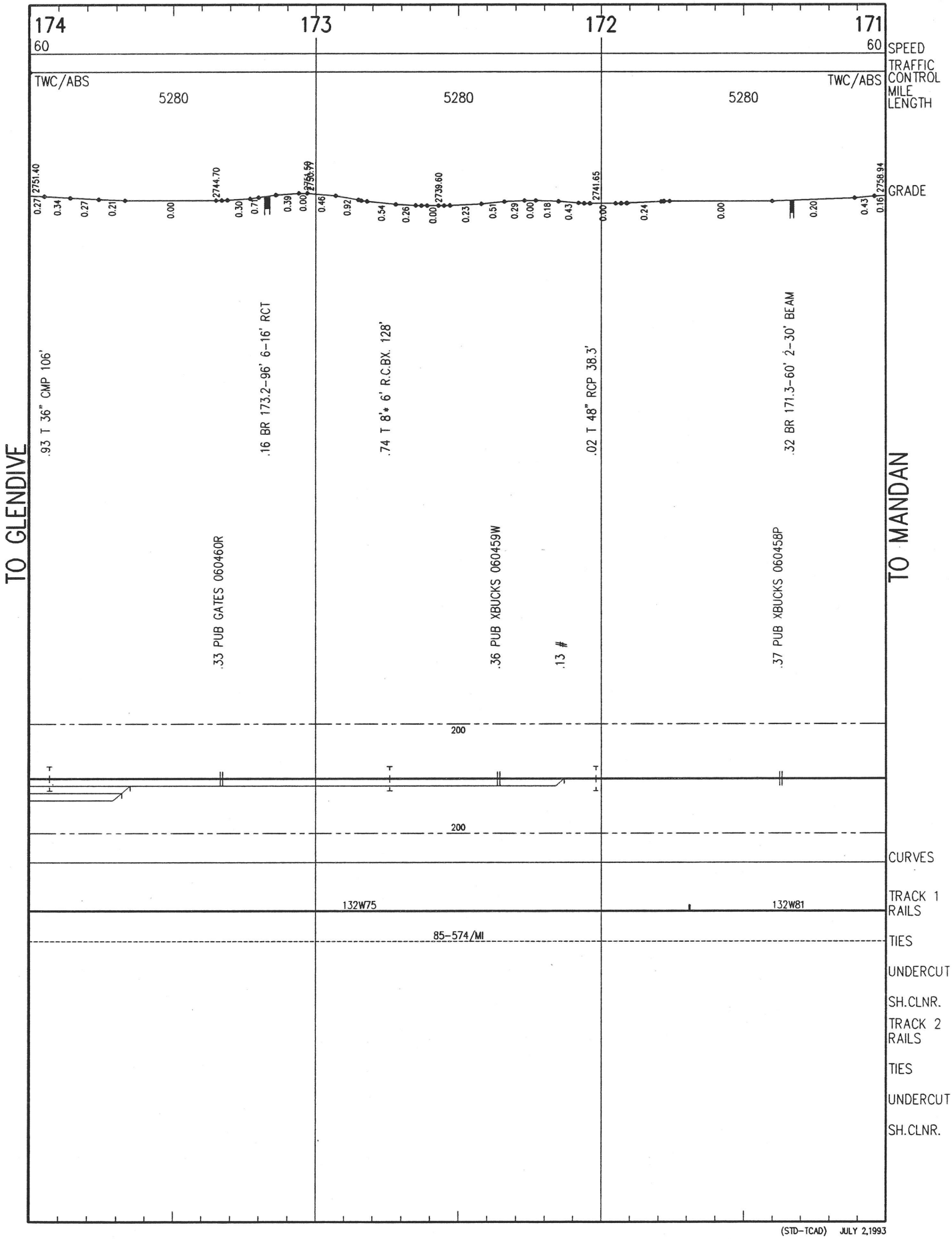

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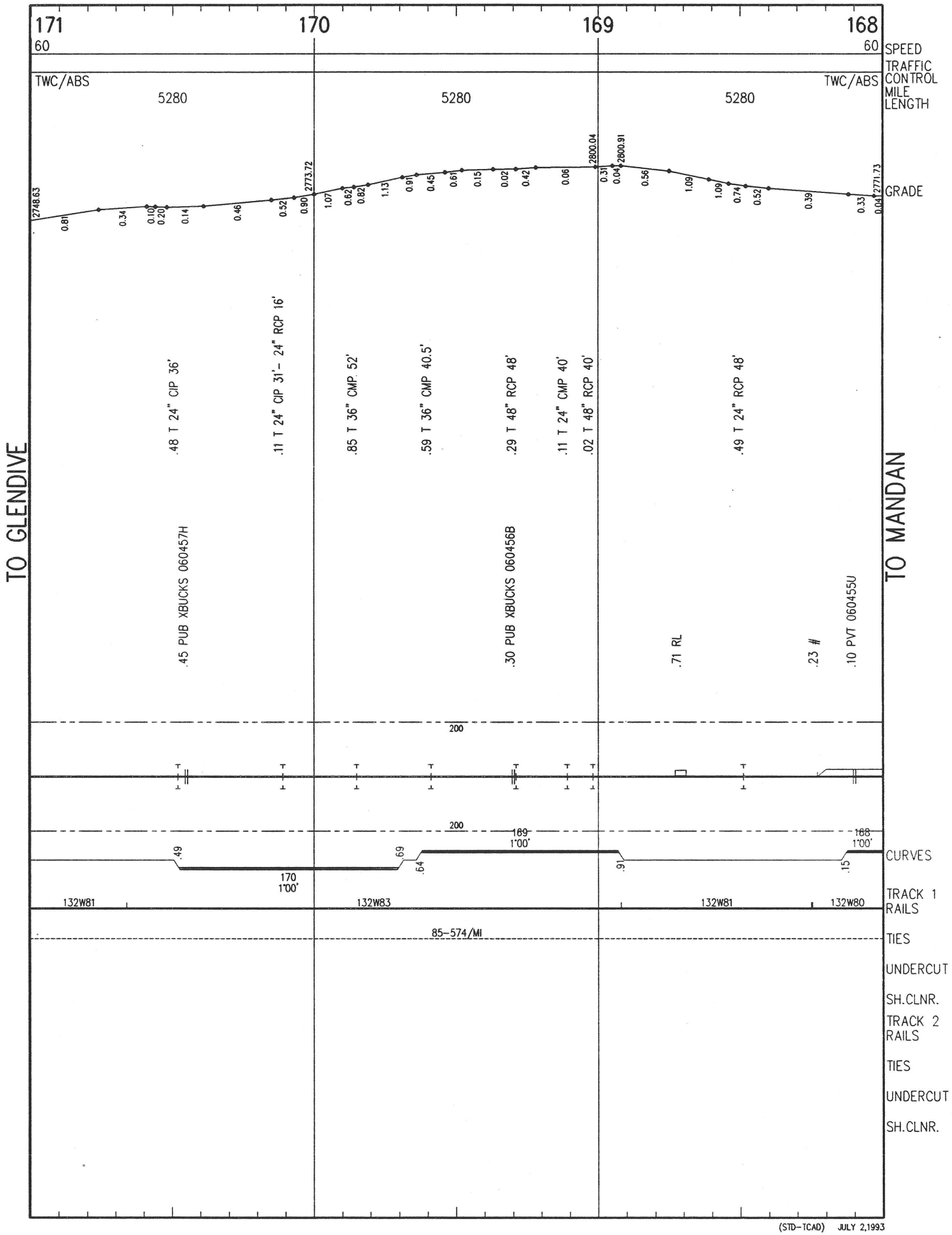

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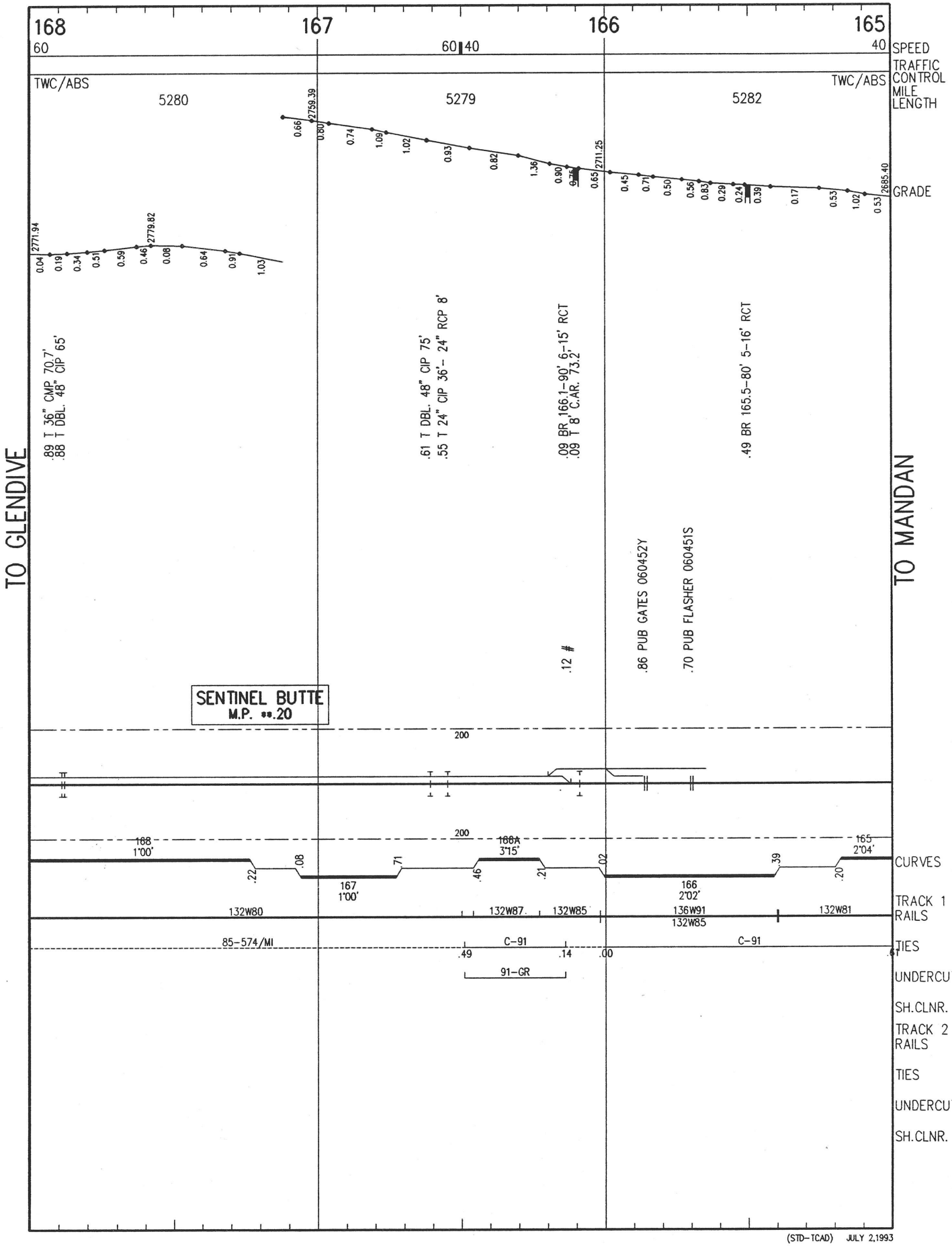
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SPEED
TRAFFIC CONTROL
MILE LENGTH
TWC/ABS
TWC/ABS
5280
5279
5282
2759.39
2771.94
2779.82
2711.25
2685.40
GRADE
TO GLENDIVE
TO MANDAN
.89 T 36" CMP 70.7'
.88 T DBL. 48" CIP 65'
.61 T DBL. 48" CIP 75'
.55 T 24" CIP 36'- 24" RCP 8'
.09 BR 166.1-90' 6-15' RCT
.09 T 8' C.AR. 73.2'
.49 BR 165.5-80' 5-16' RCT
.12 #
.86 PUB GATES 060452Y
.70 PUB FLASHER 060451S
SENTINEL BUTTE
M.P. **.20
200
200
168
1°00'
168A
3°15'
165
2°04'
167
1°00'
166
2°02'
CURVES
TRACK 1 RAILS
132W80
132W87
132W85
136W91
132W85
132W81
85-574/MI
C-91
C-91
TIES
91-GR
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SH.CLNR.
TRACK 2 RAILS
TIES
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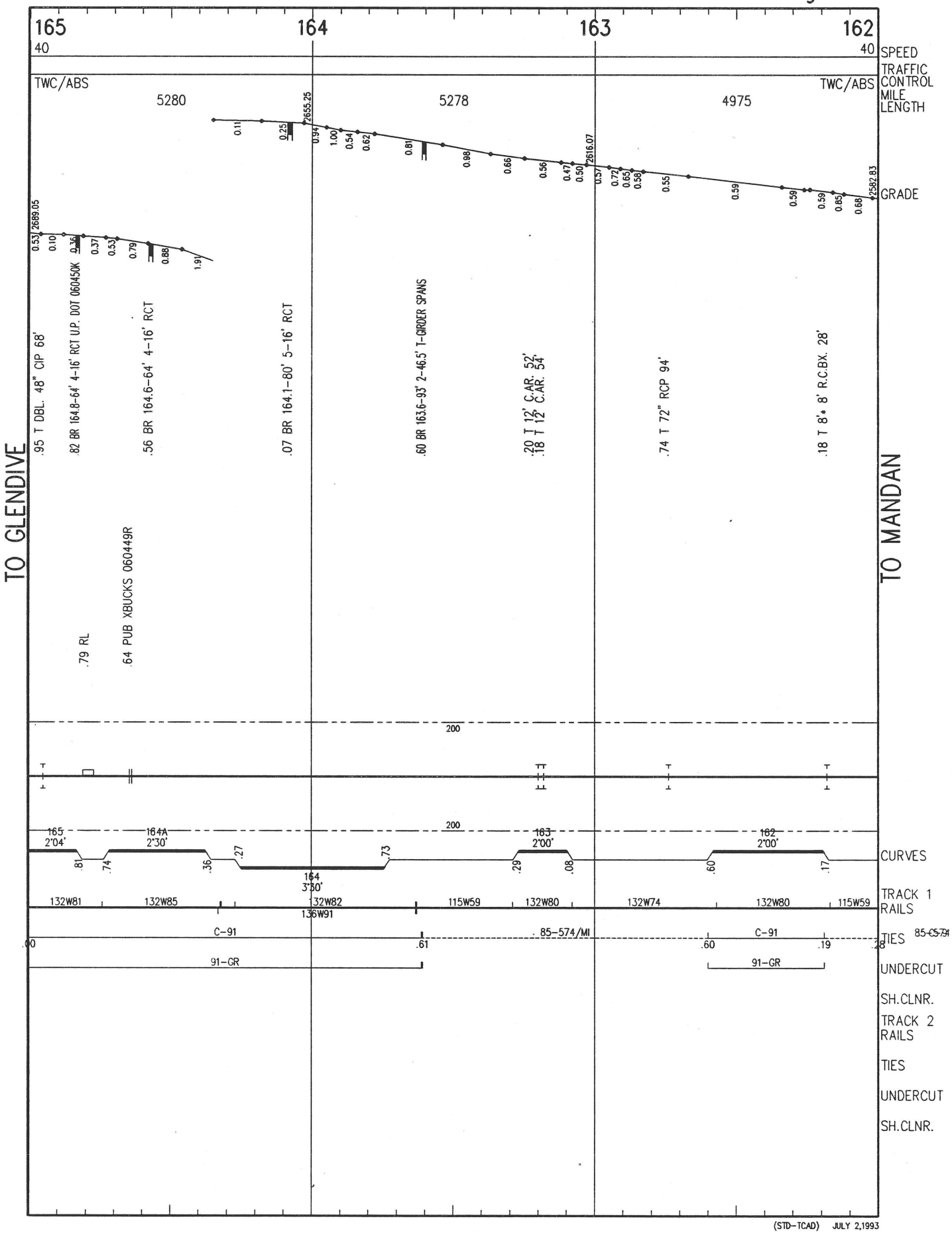
SH.CLNR.
(STD-TCAD) JULY 2,1993



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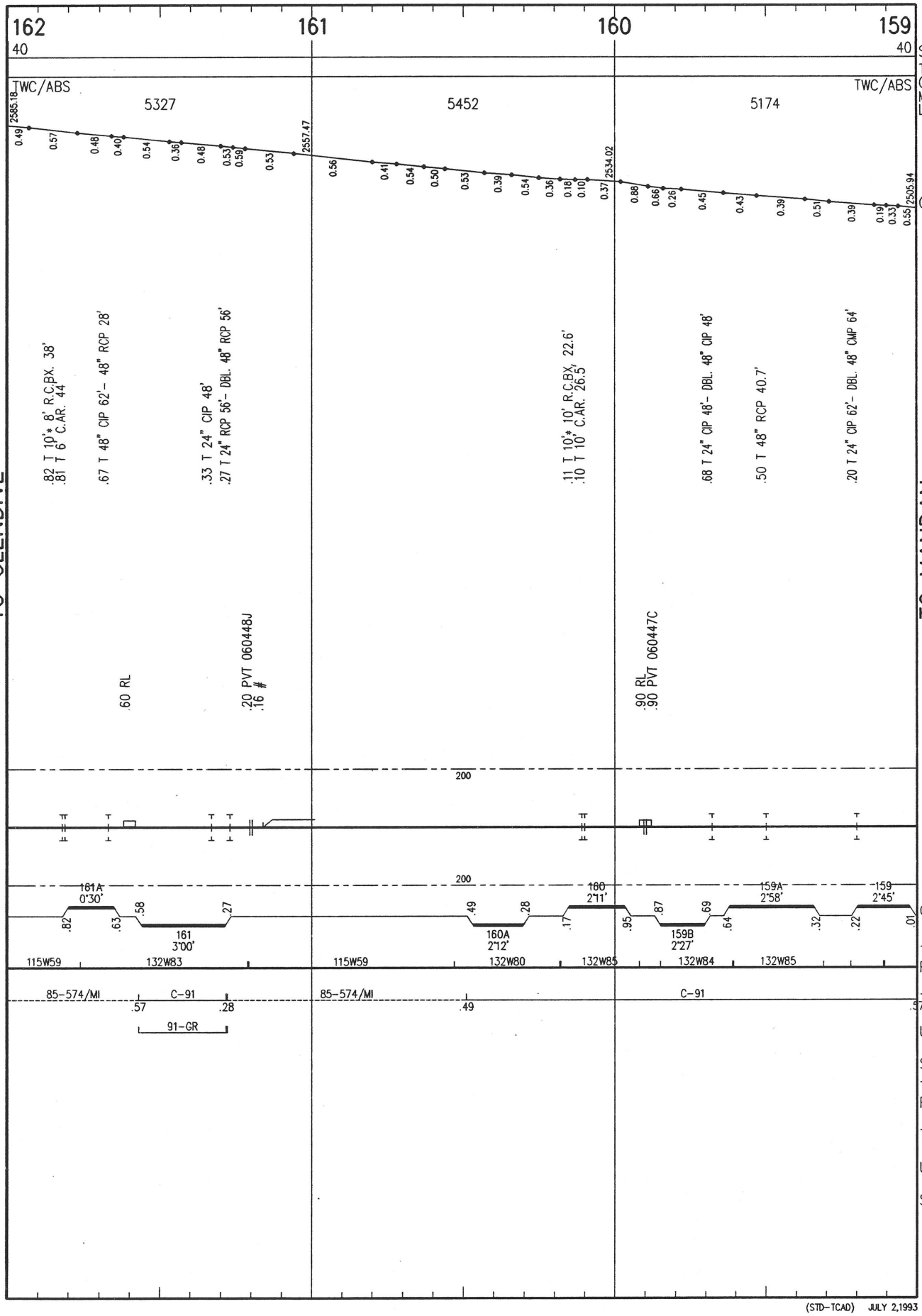

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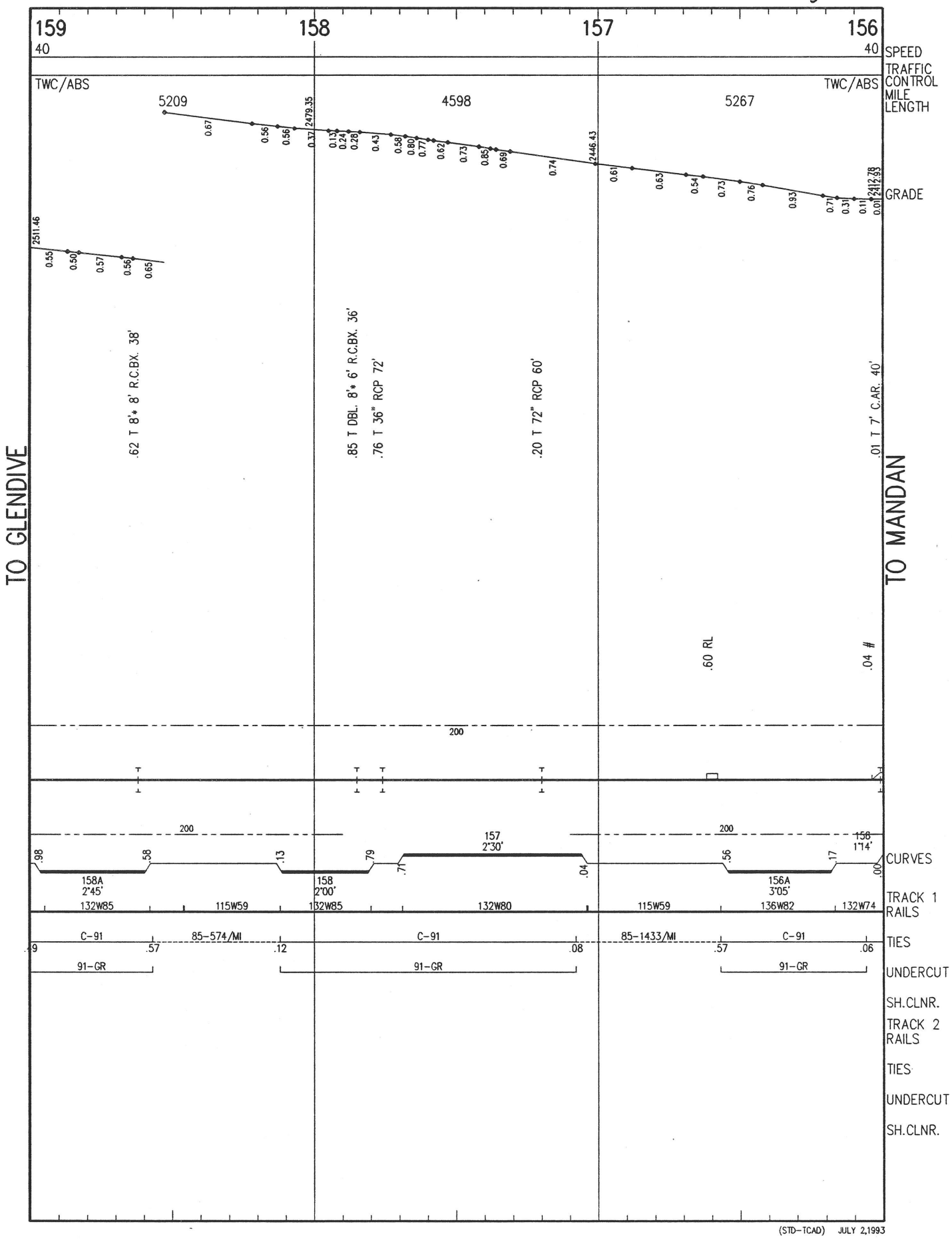

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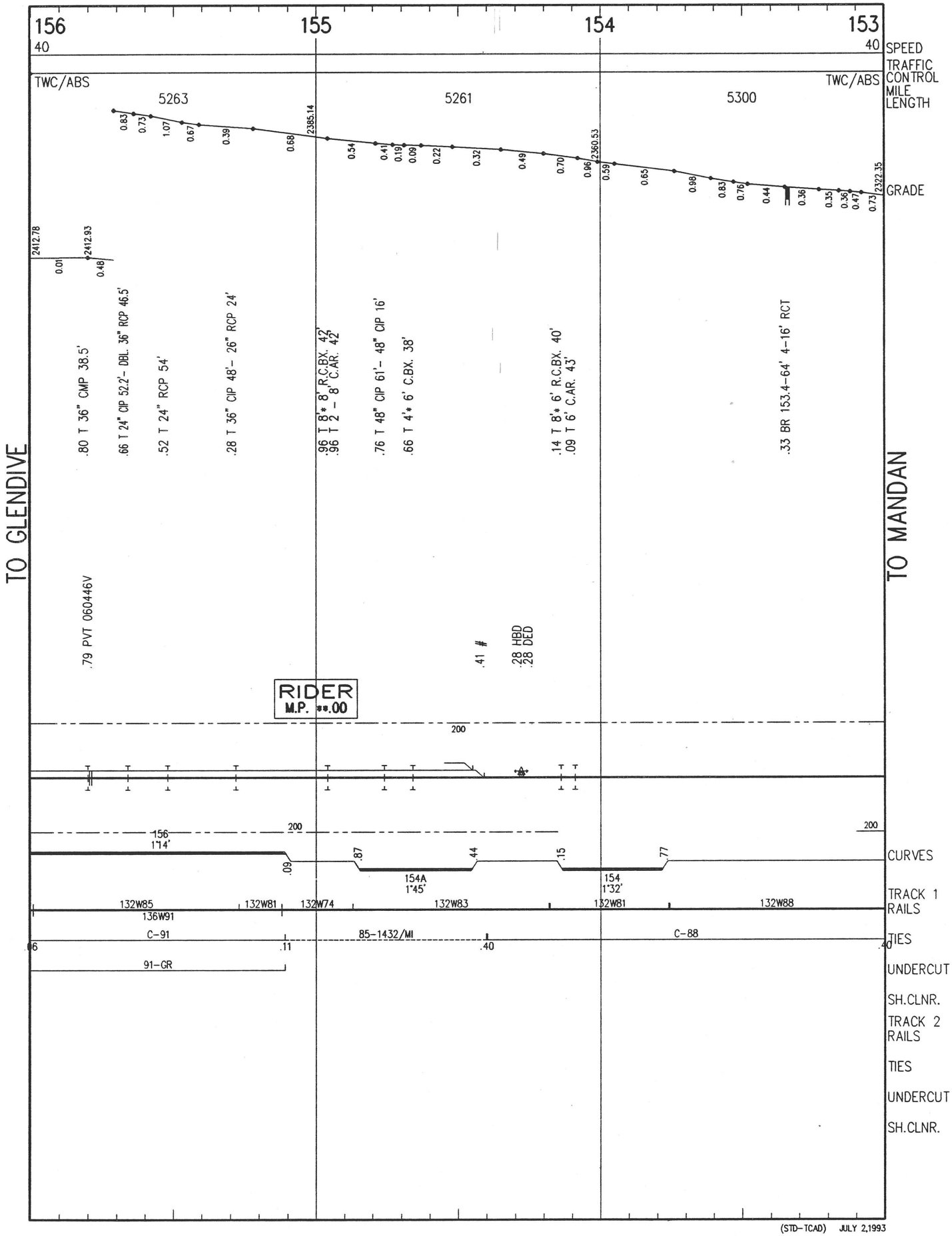

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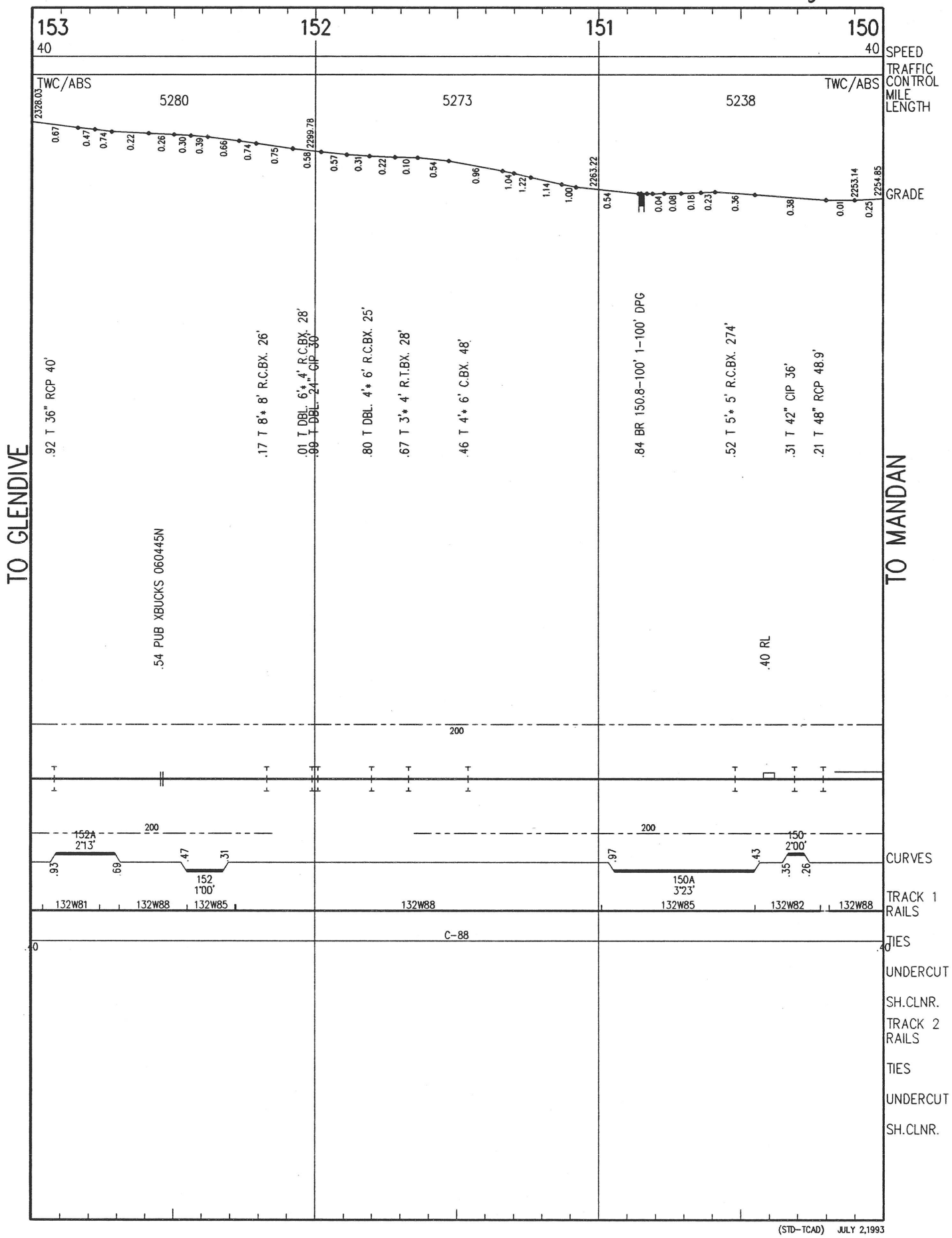

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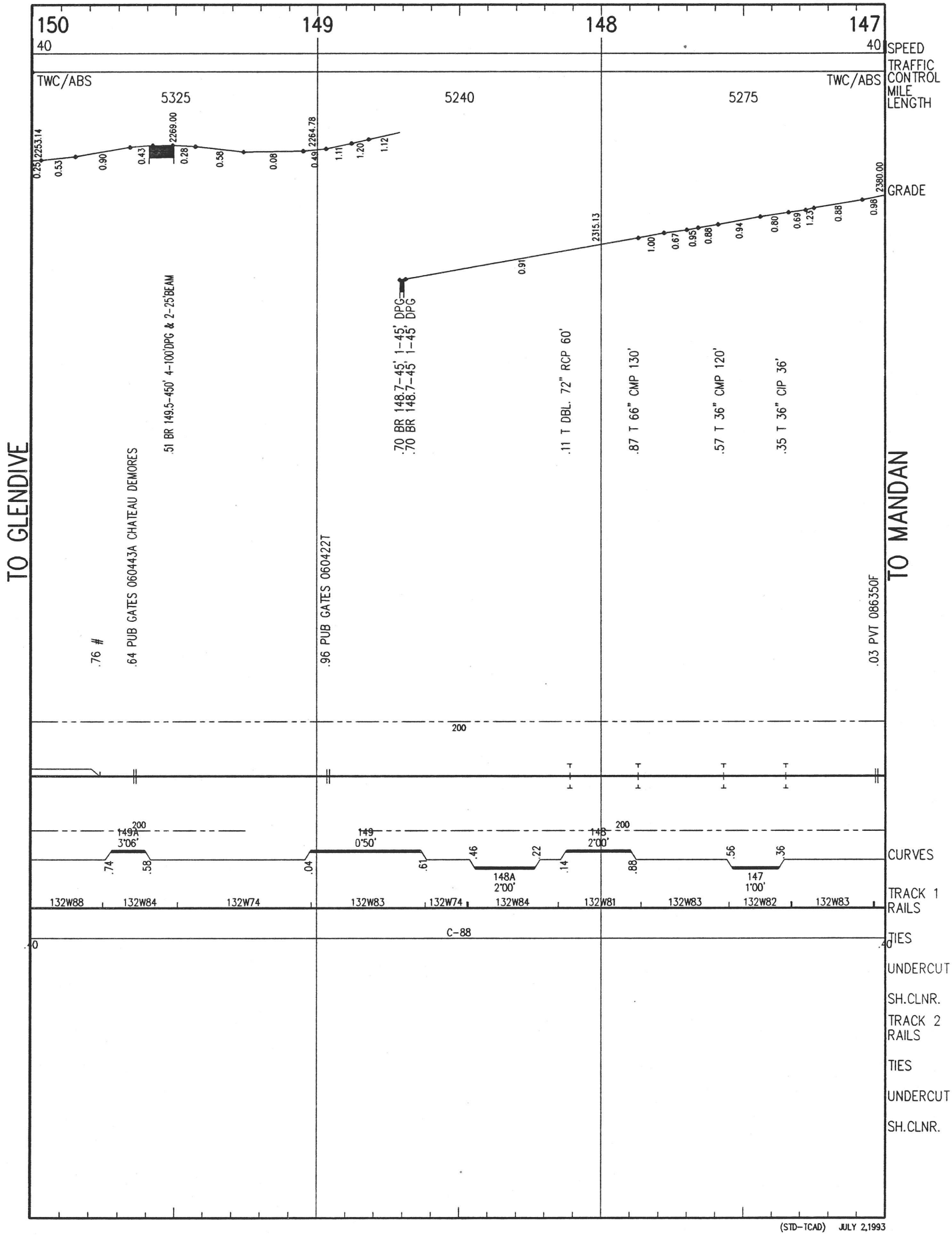

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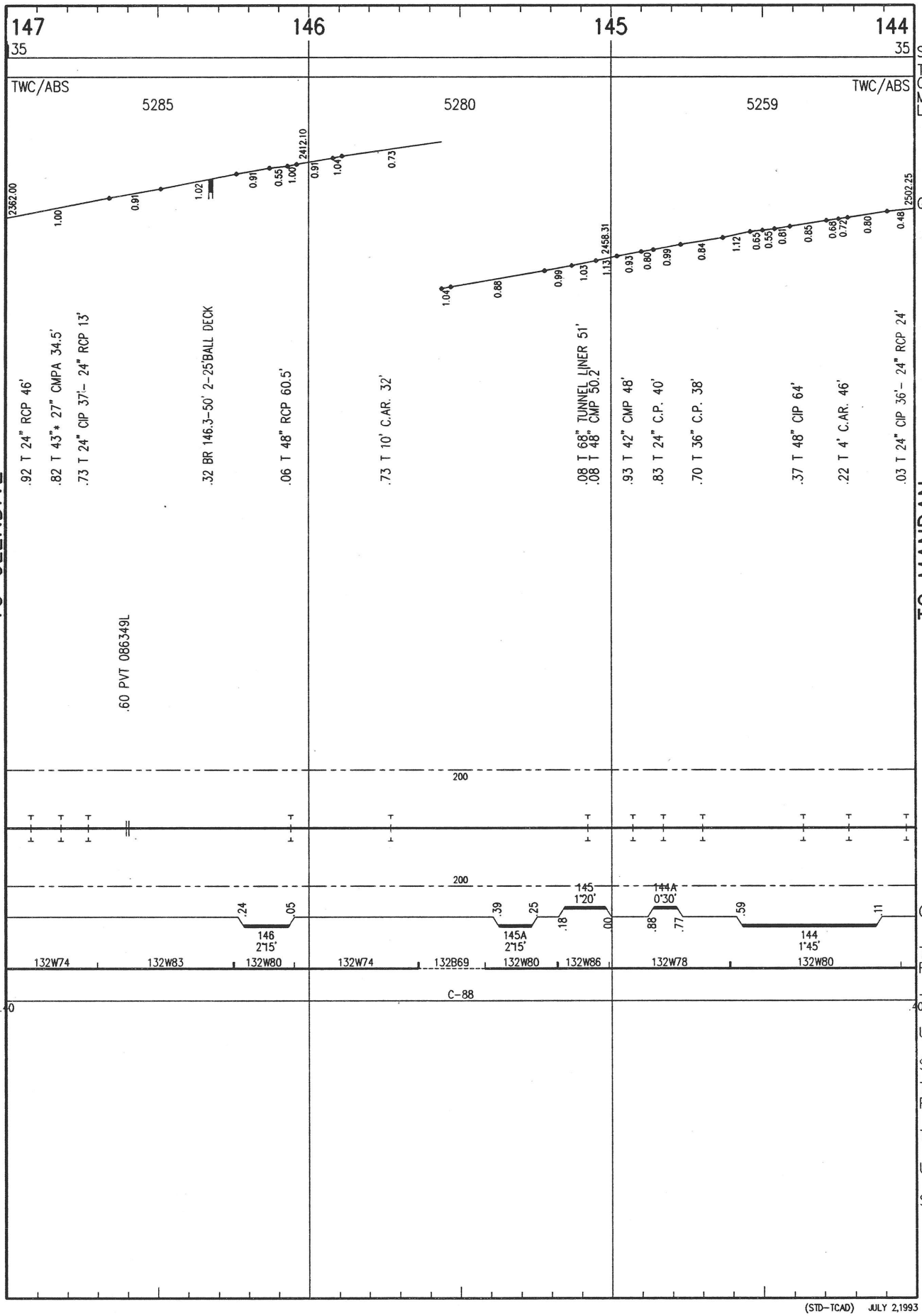

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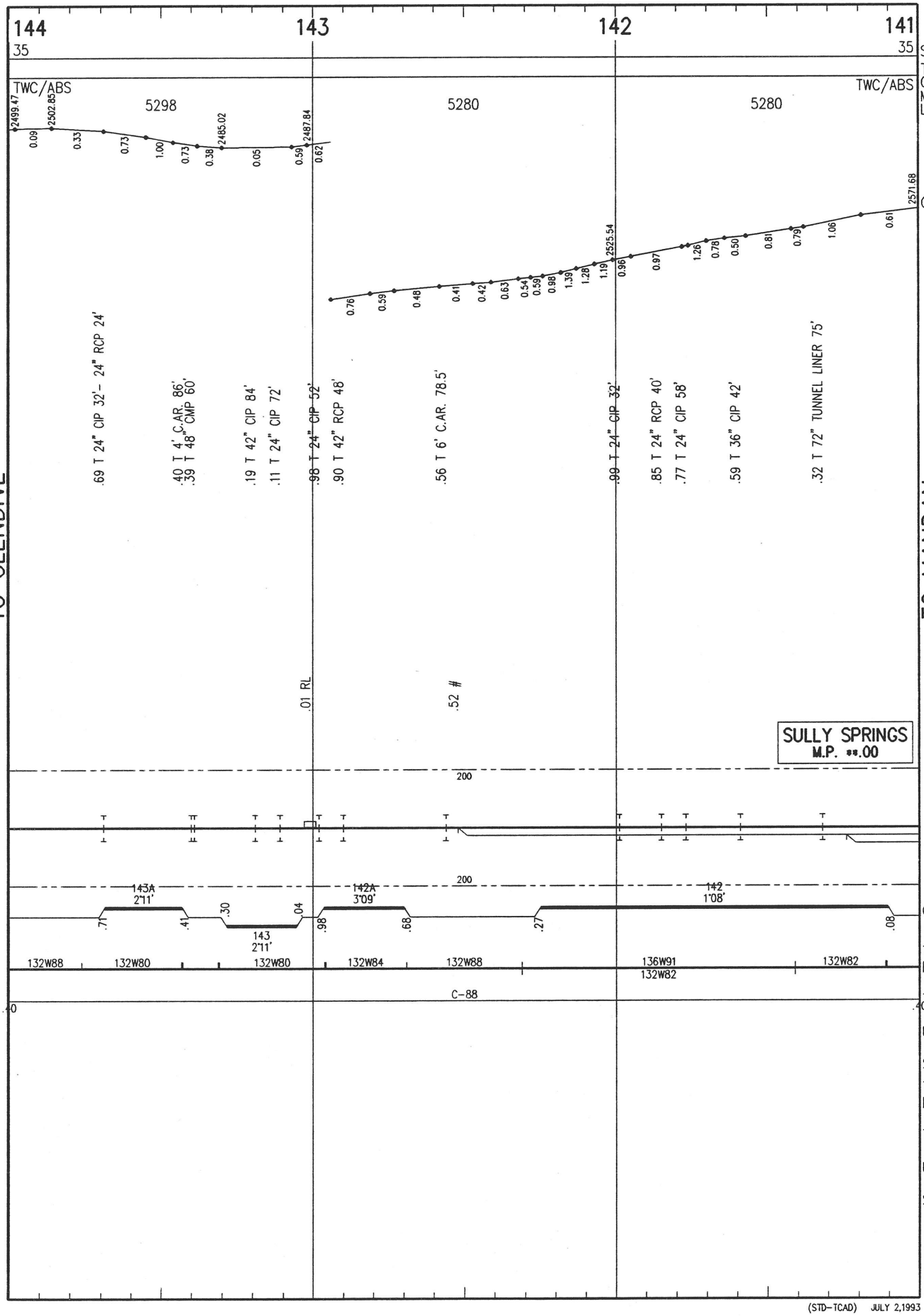

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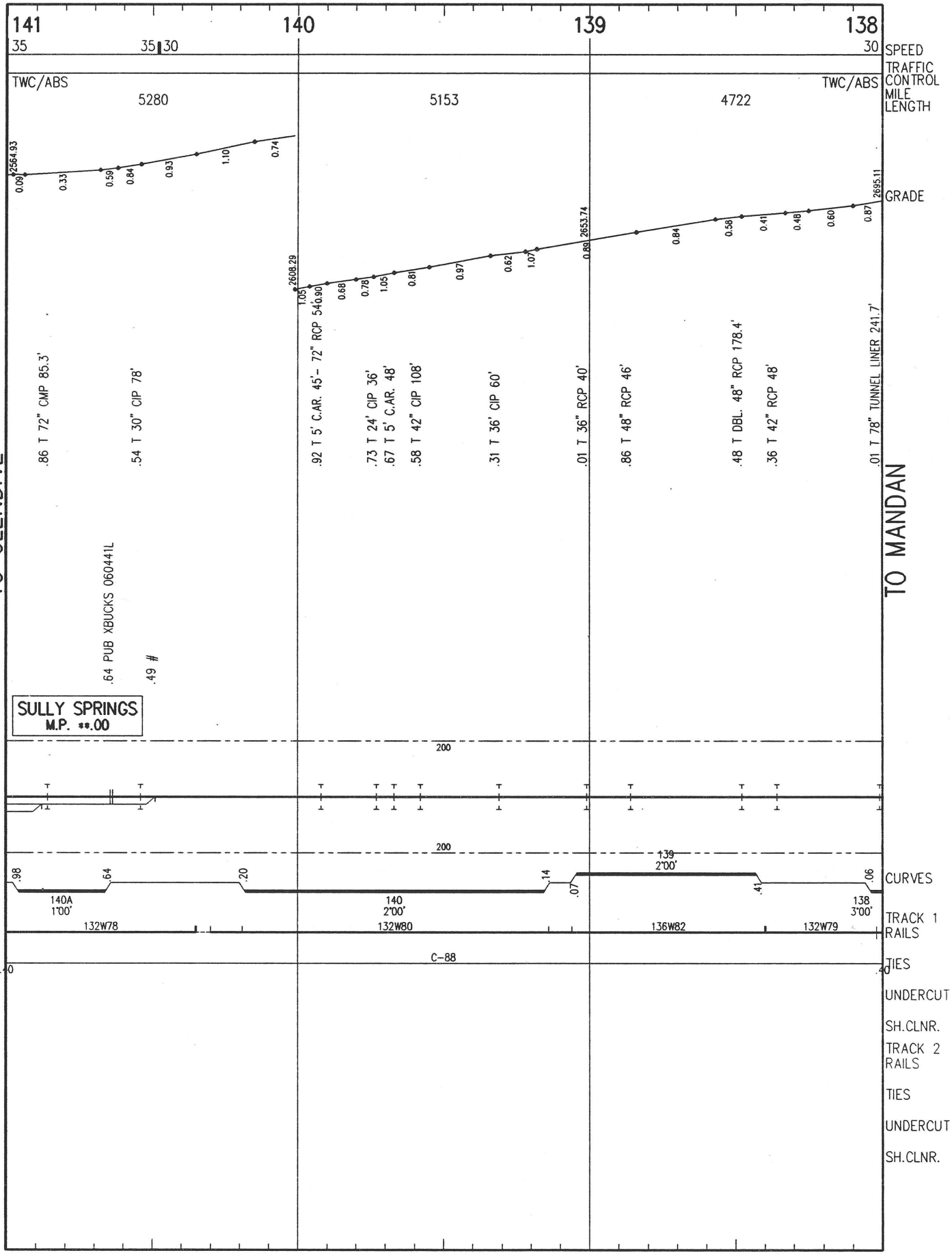

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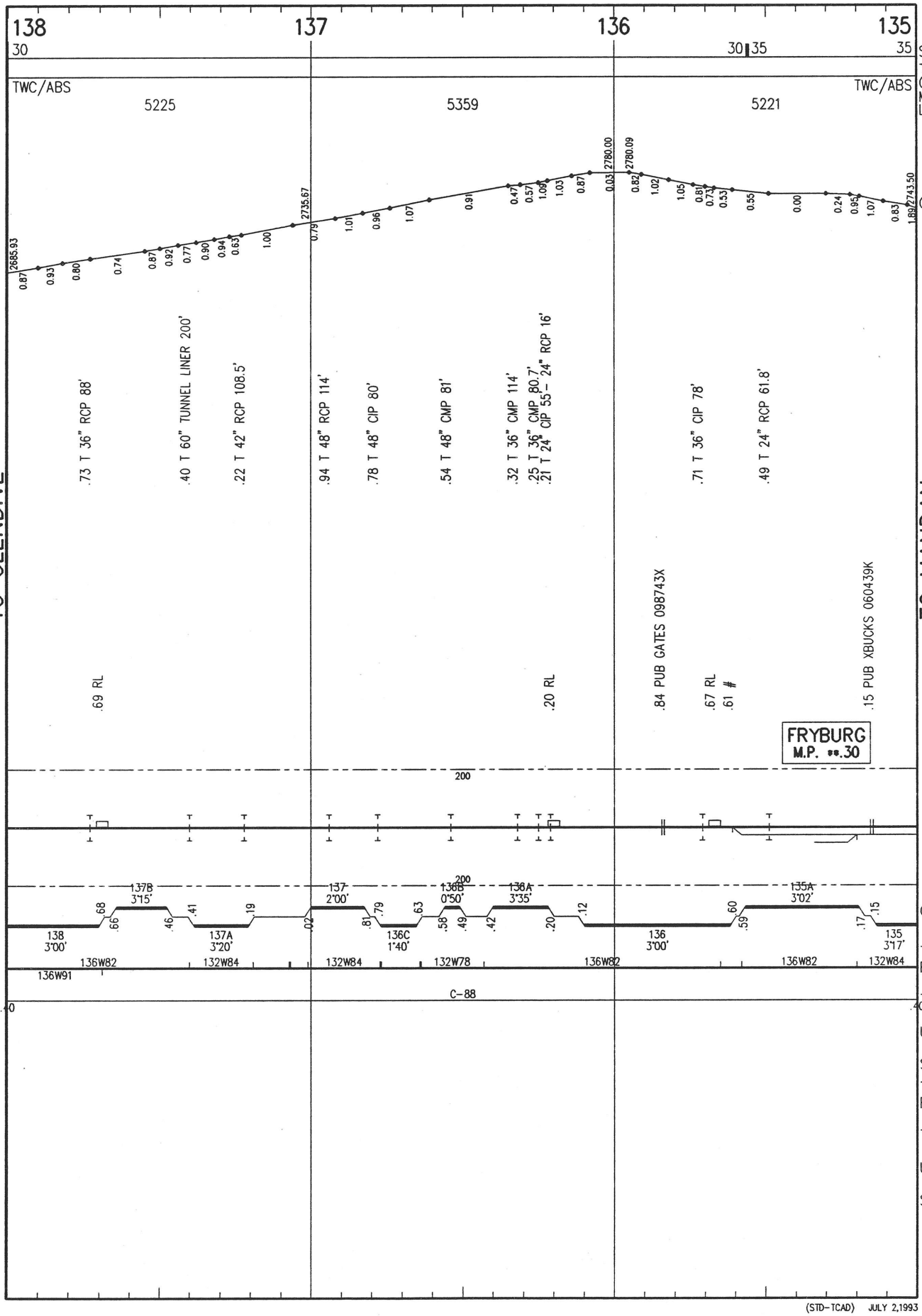

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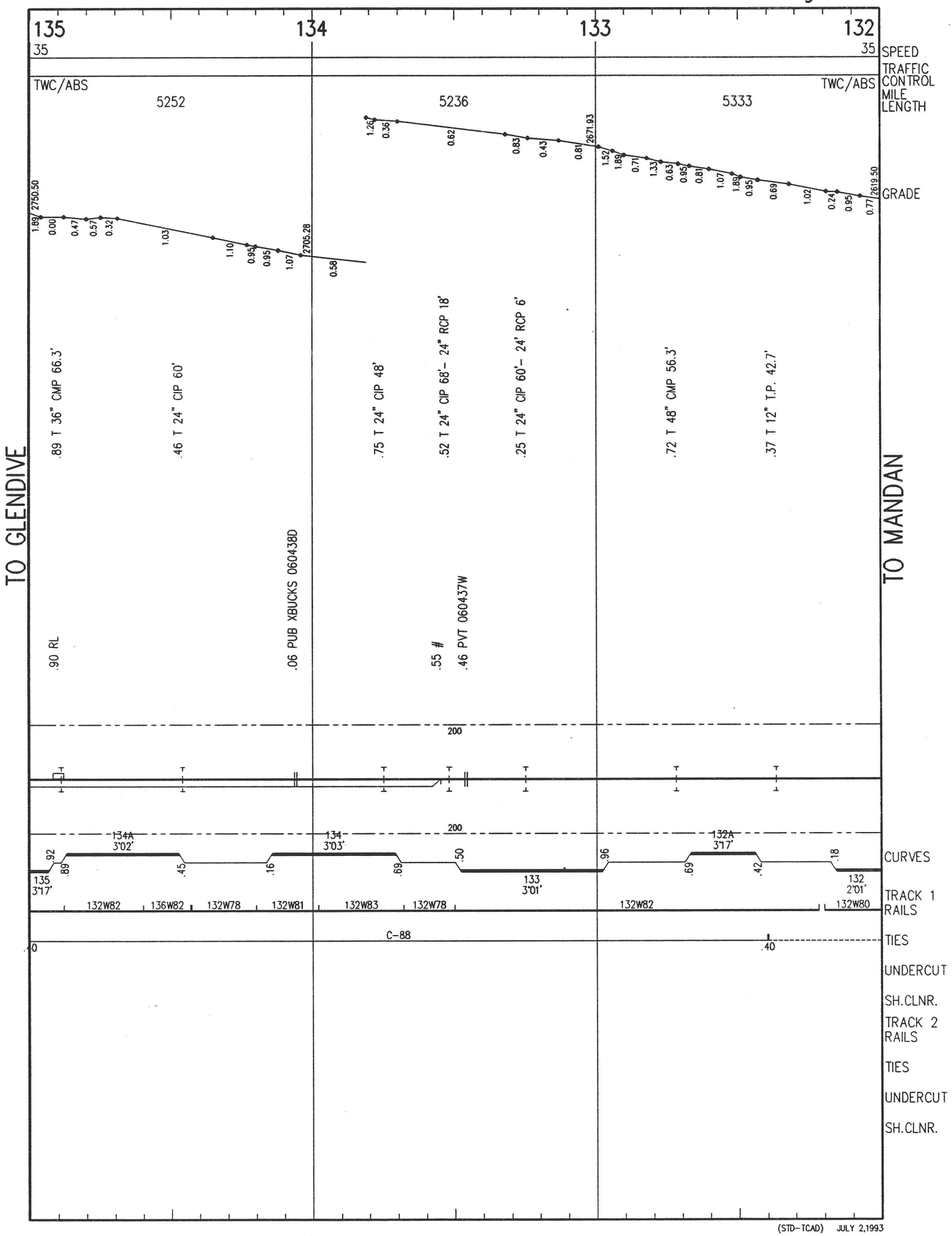

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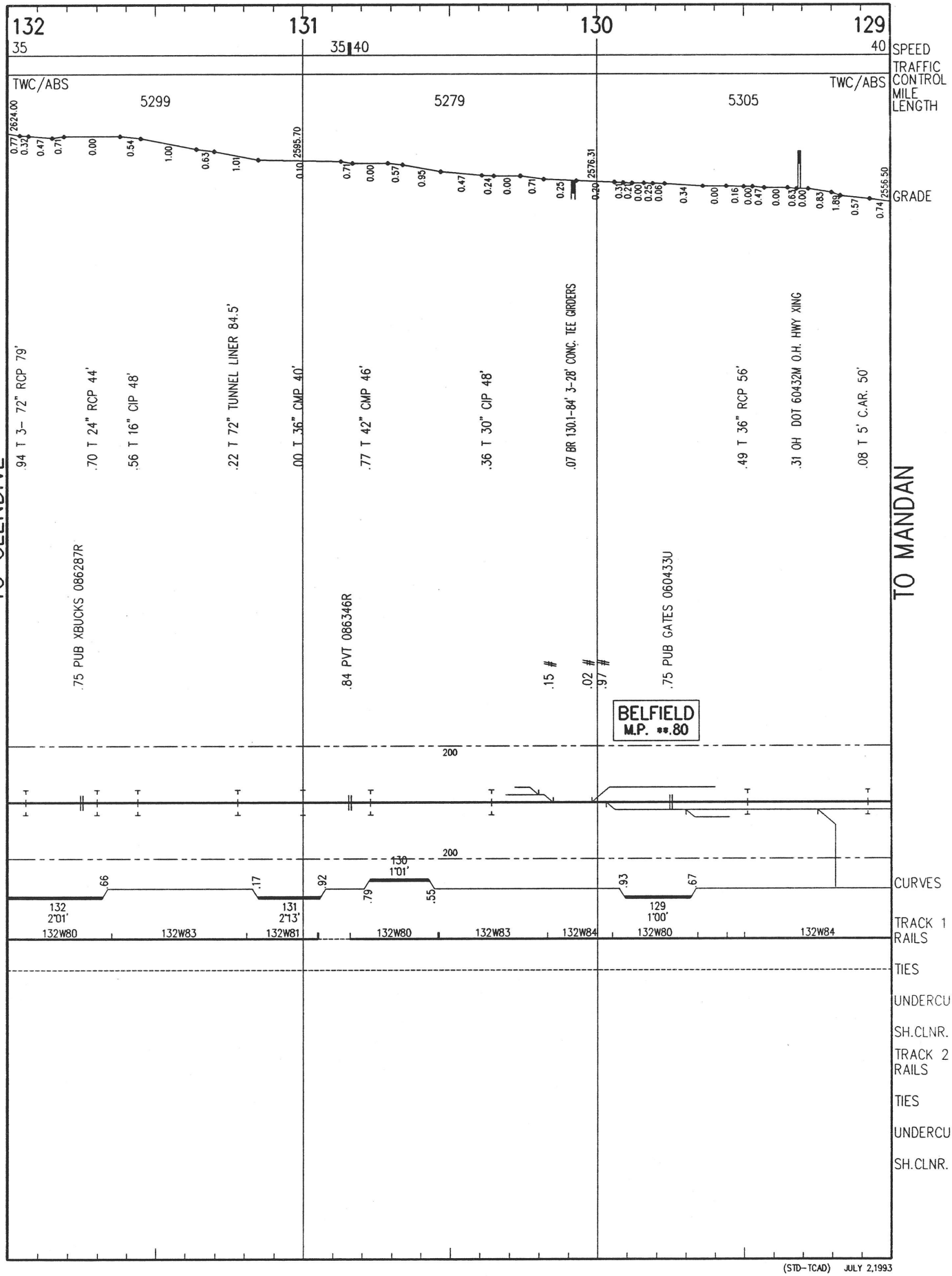

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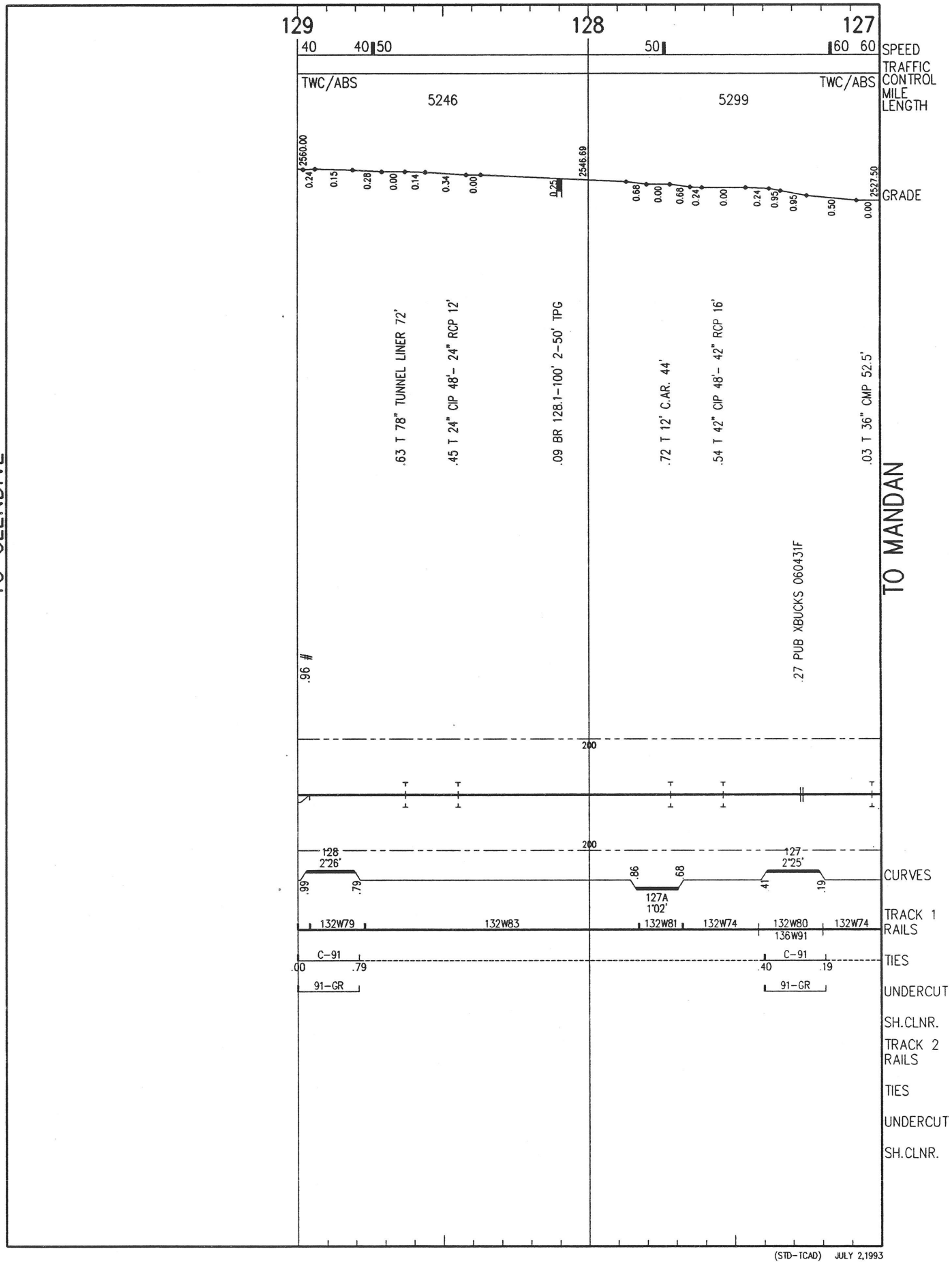
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SPEED
TRAFFIC CONTROL
TWC/ABS
TWC/ABS
5246
5299
MILE LENGTH
2560.00
2546.69
2527.50
0.24
0.15
0.28
0.00
0.14
0.34
0.00
0.25
0.68
0.00
0.68
0.24
0.00
0.24
0.95
0.95
0.50
0.00
GRADE
.63 T 78" TUNNEL LINER 72'
.45 T 24" CIP 48'- 24" RCP 12'
.09 BR 128.1-100' 2-50' TPG
.72 T 12' C.AR. 44'
.54 T 42" CIP 48'- 42" RCP 16'
.03 T 36" CMP 52.5'
.27 PUB XBUCKS 060431F
.96 #
TO GLENDIVE
TO MANDAN
200
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2°26'
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.79
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.68
127A
1°02'
127
2°25'
.41
.19
CURVES
132W79
132W83
132W81
132W74
132W80
136W91
132W74
TRACK 1 RAILS
C-91
.00
.79
C-91
.40
.19
TIES
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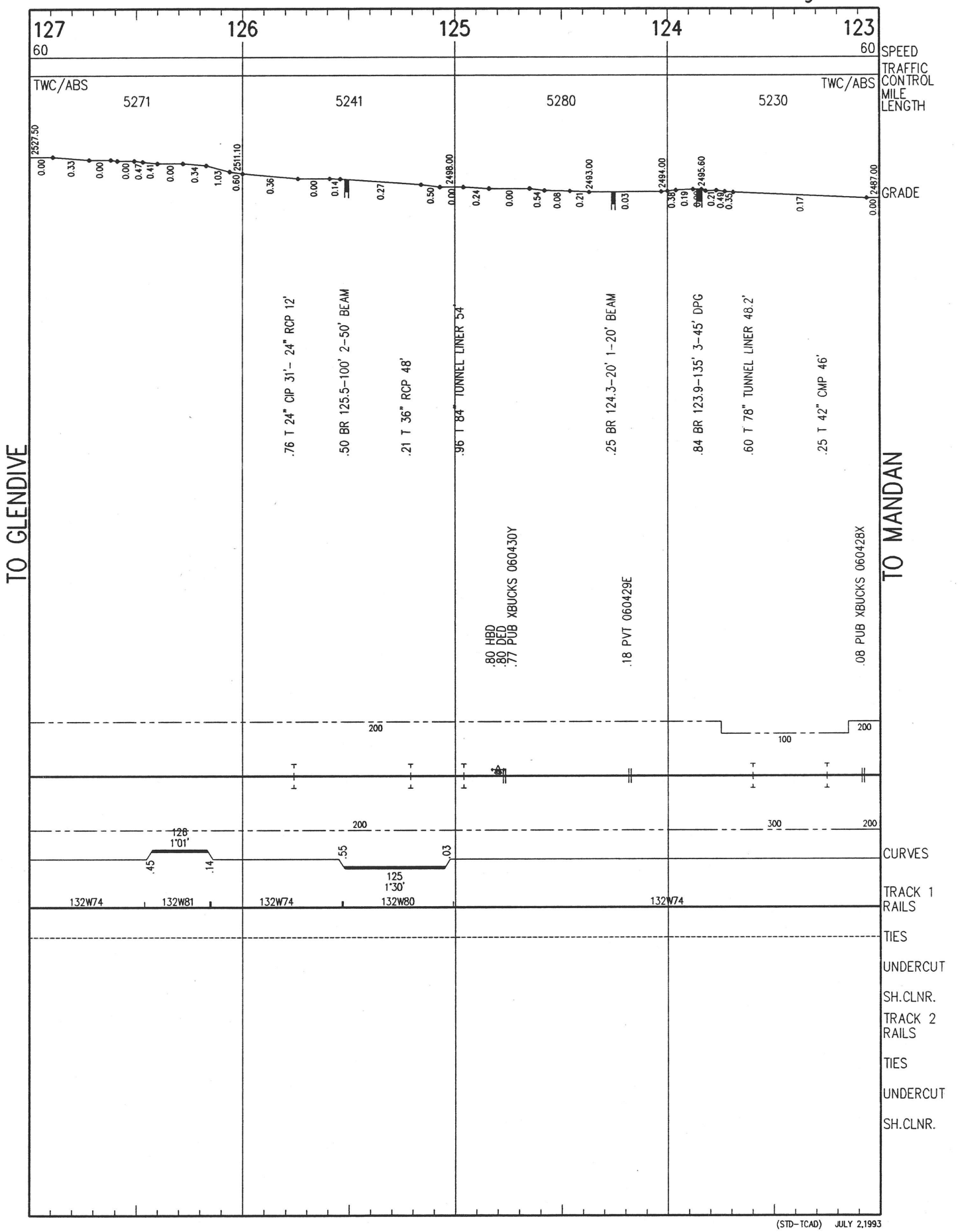
(STD-TCAD) JULY 2,1993



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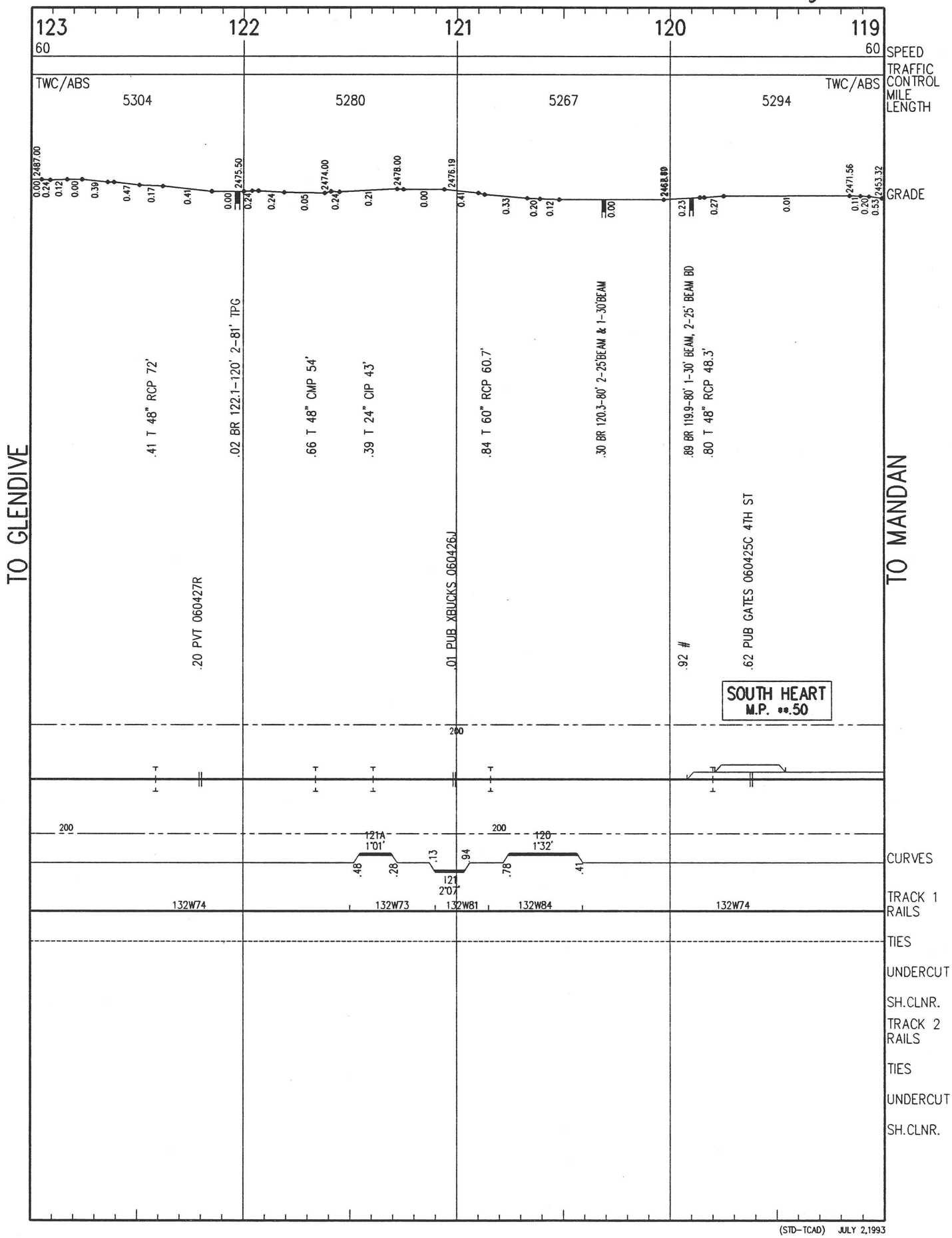

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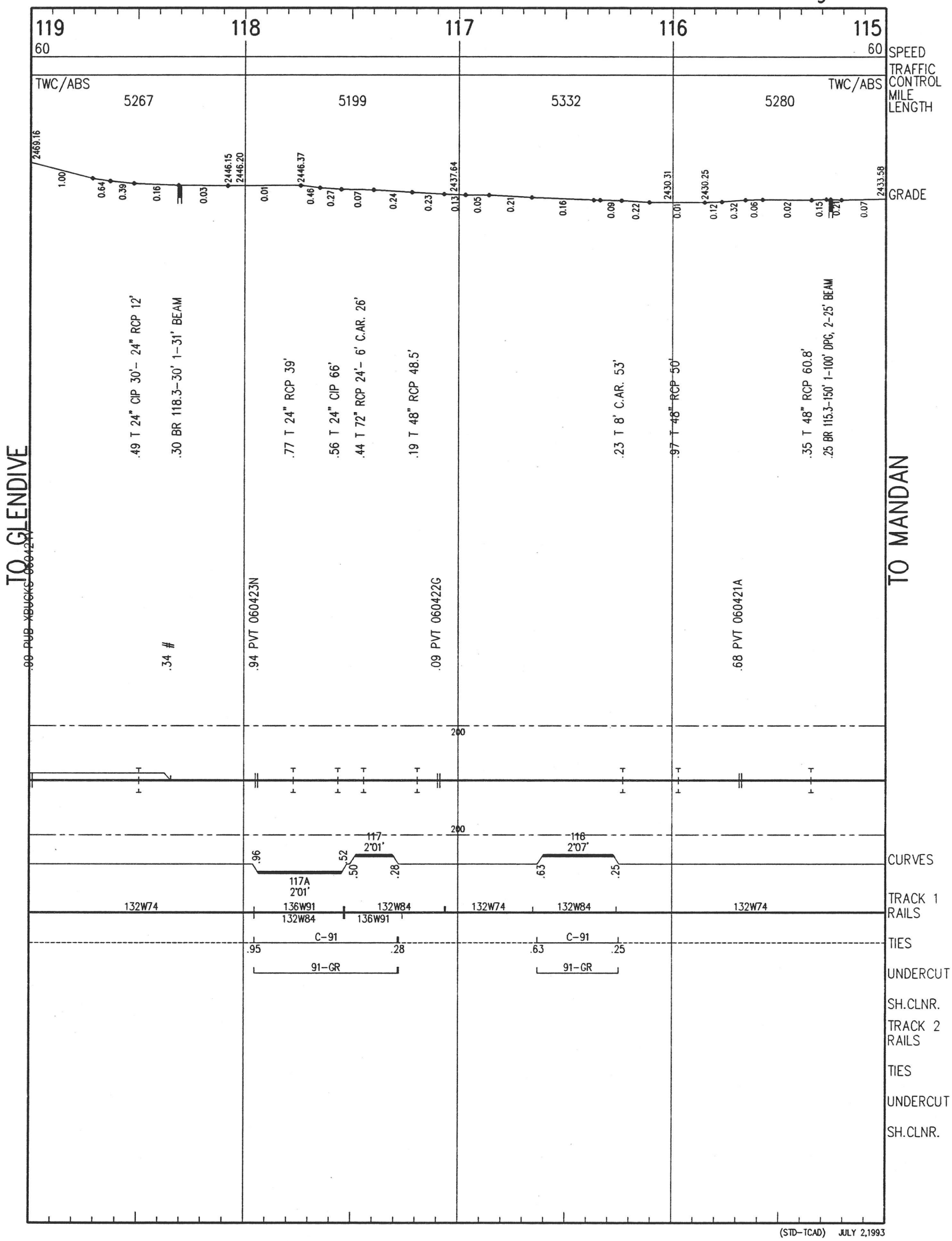

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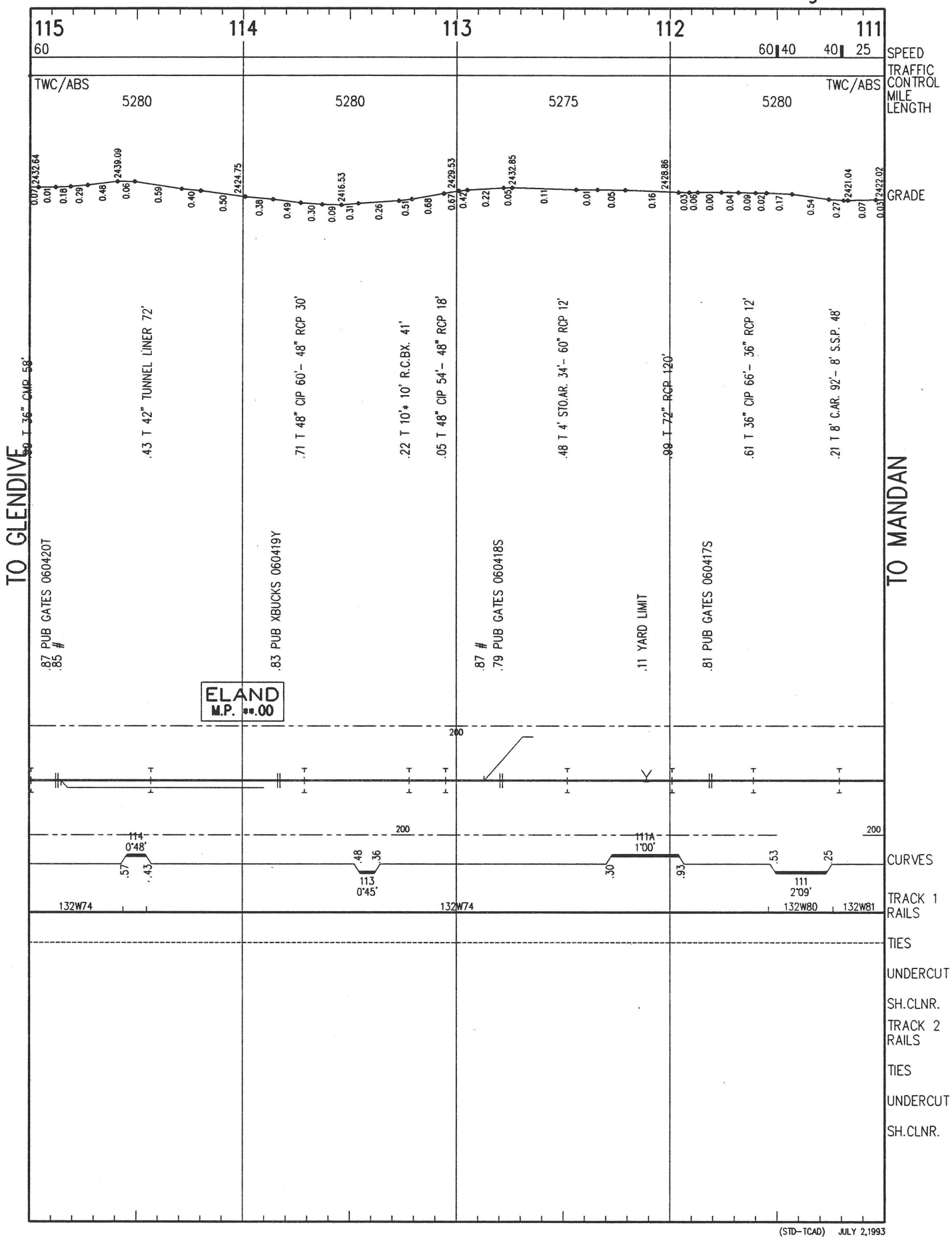

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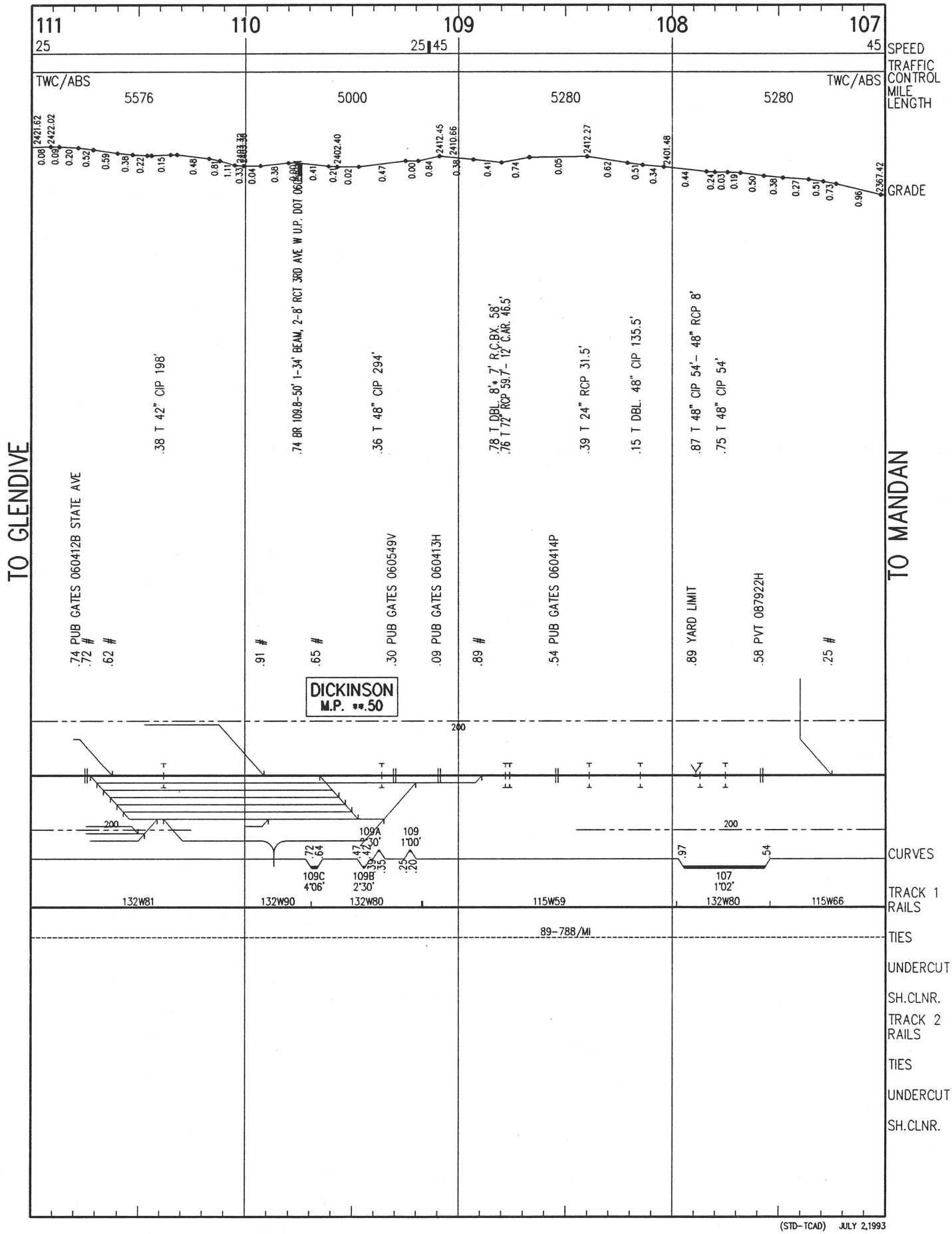

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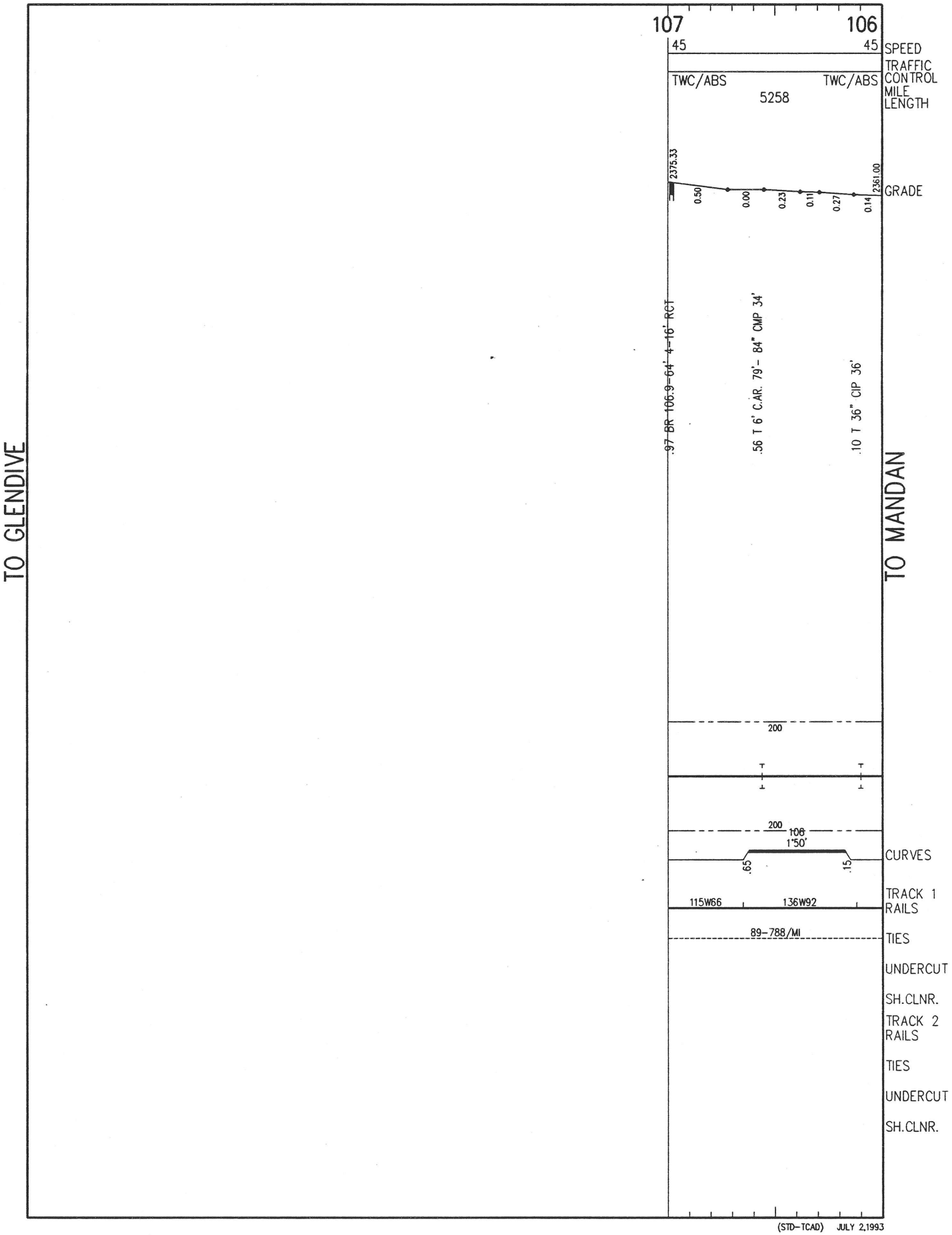

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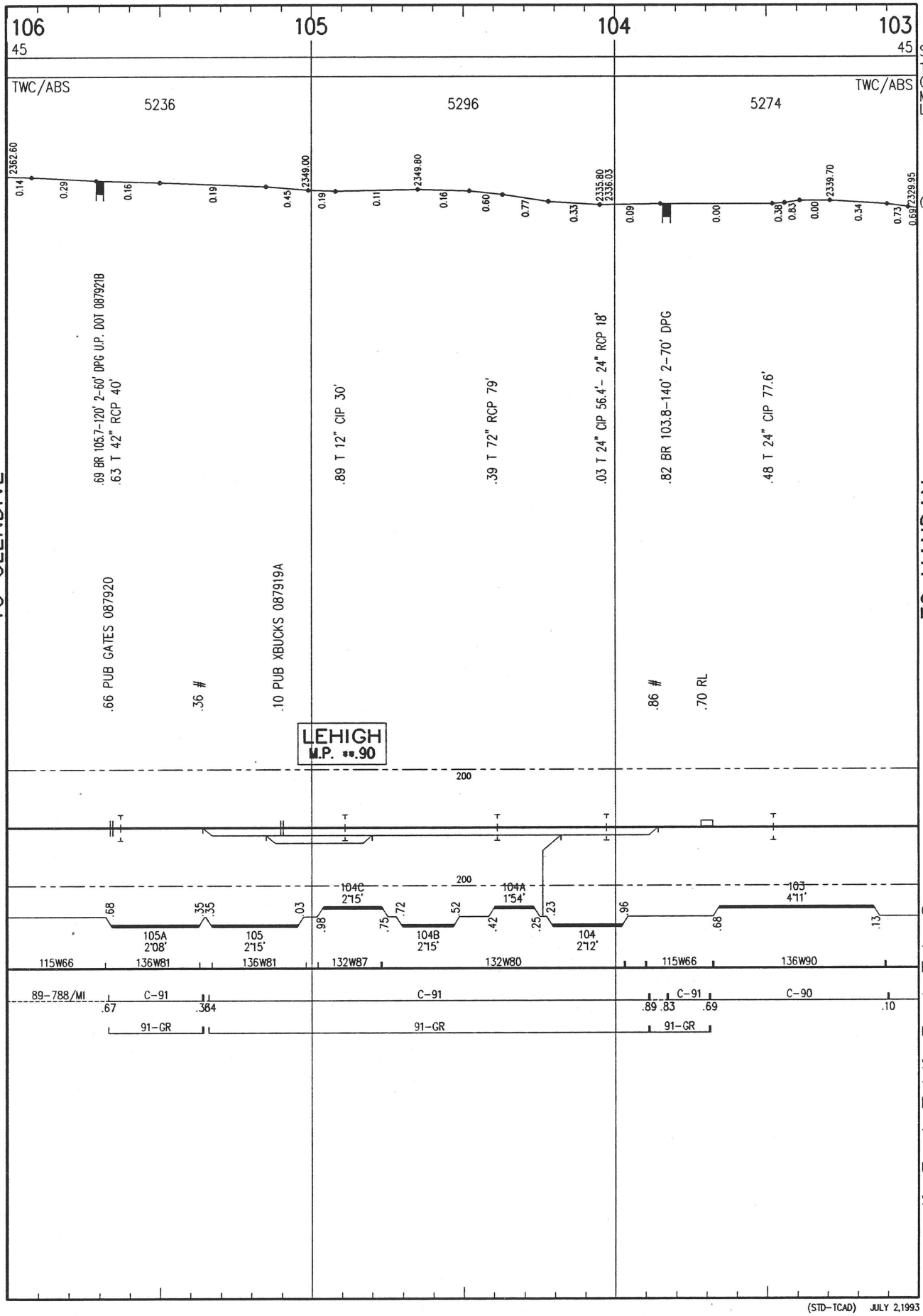

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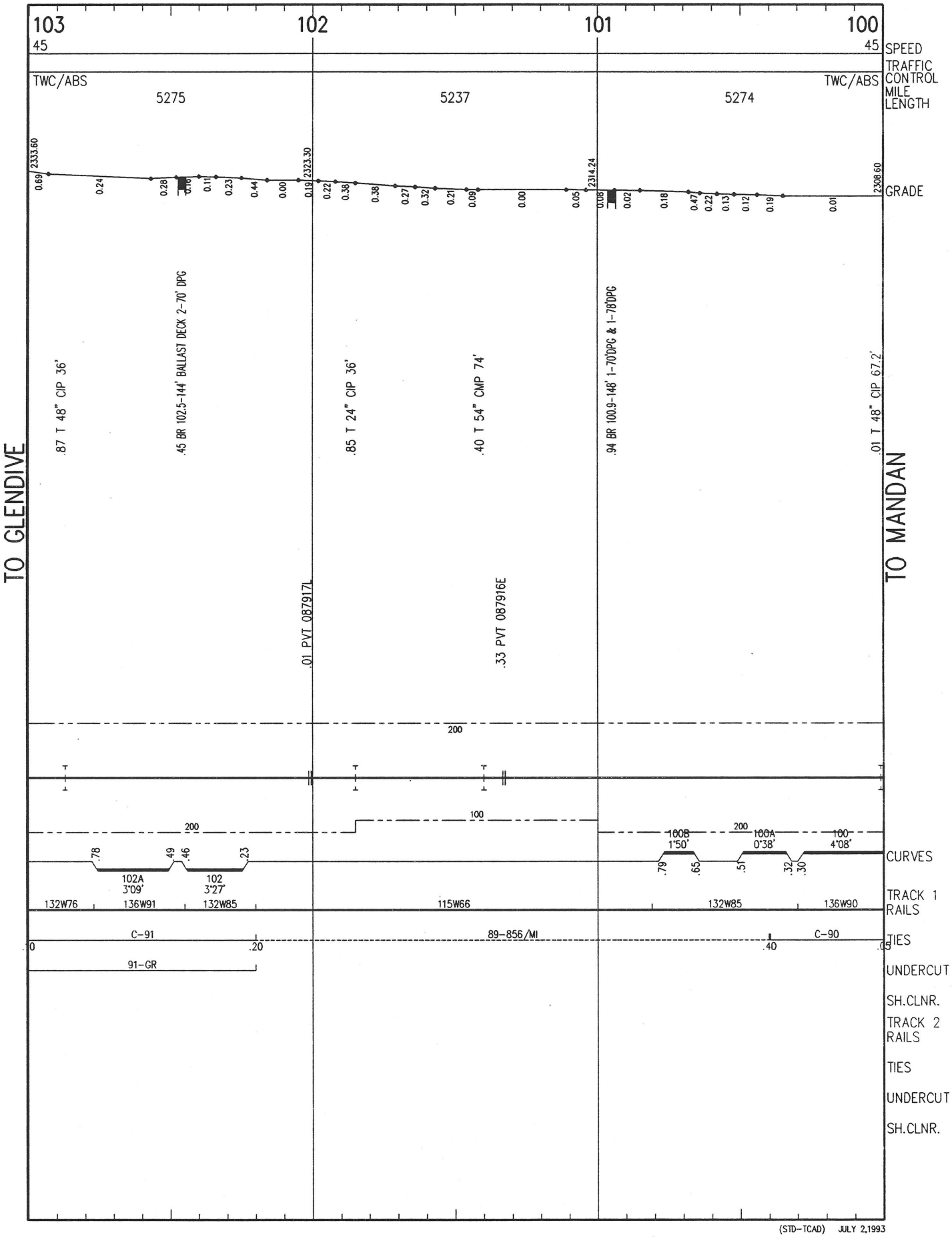

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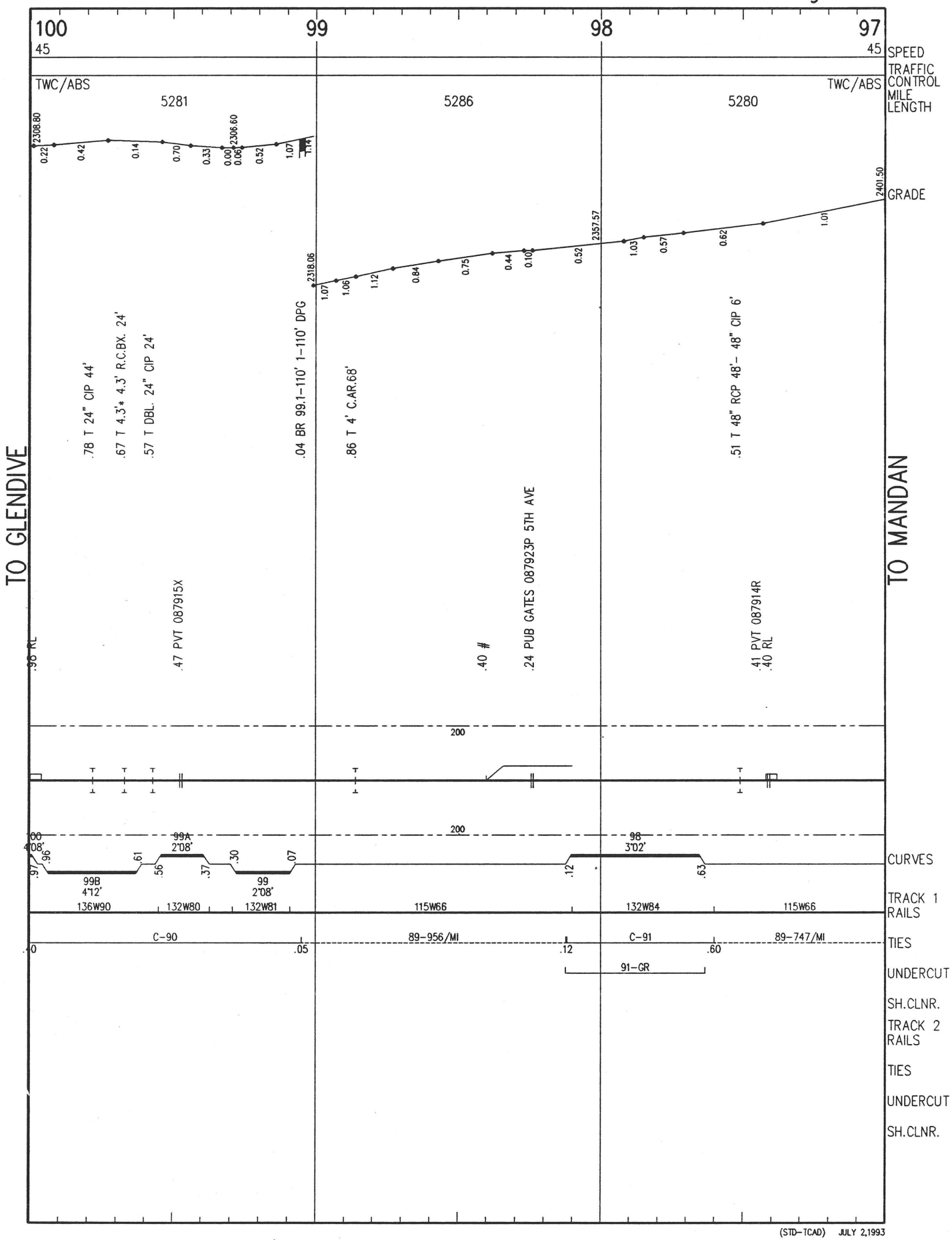

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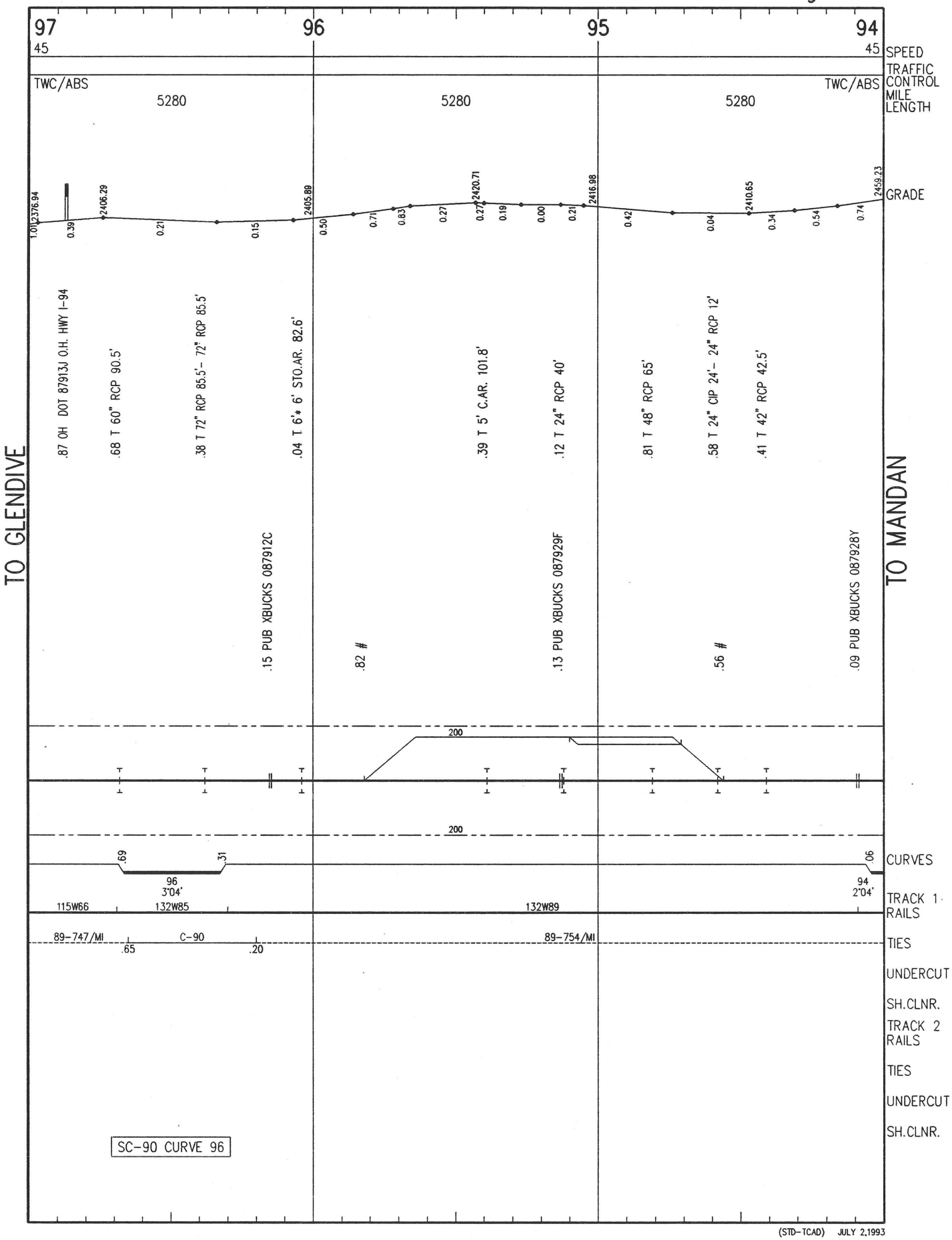

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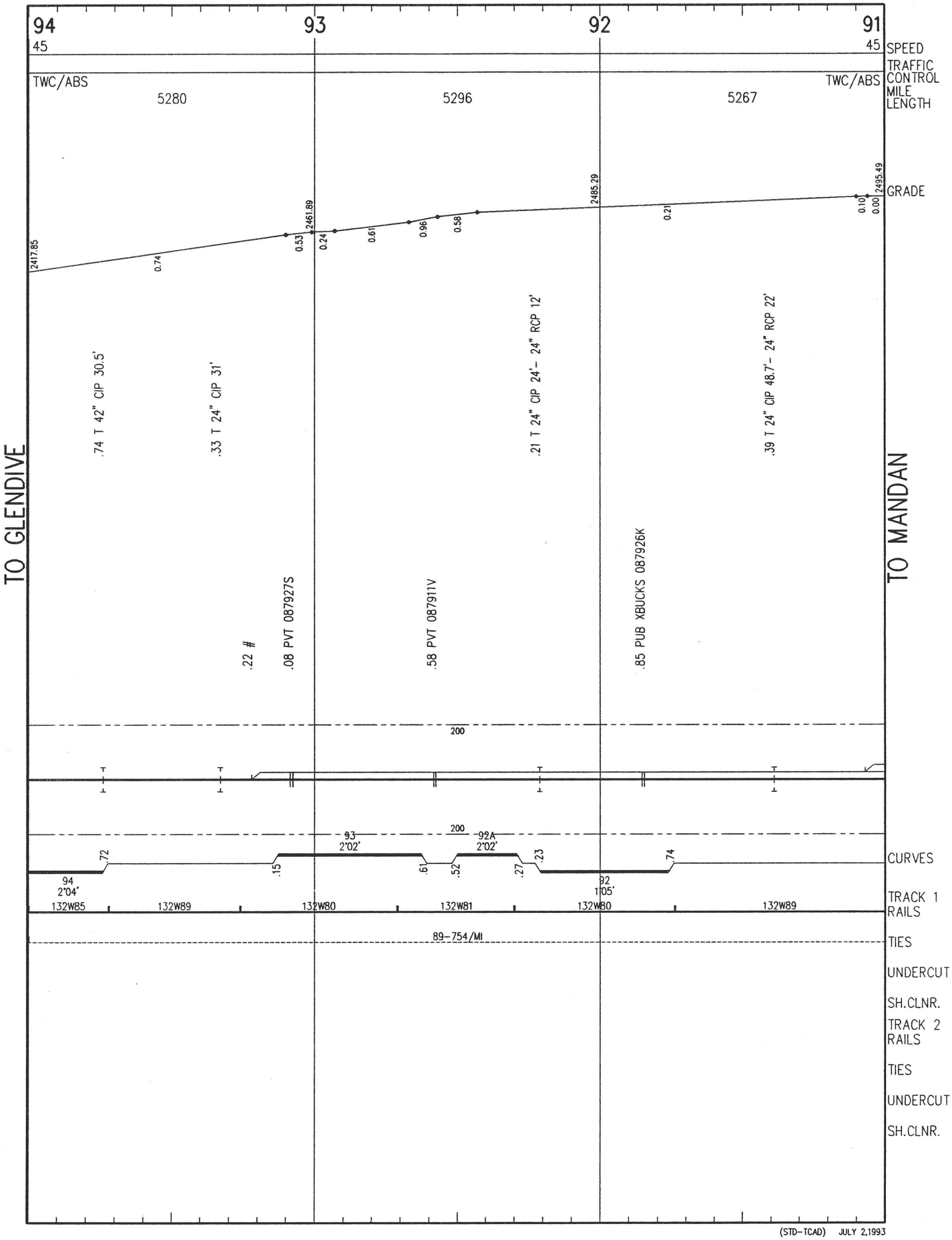

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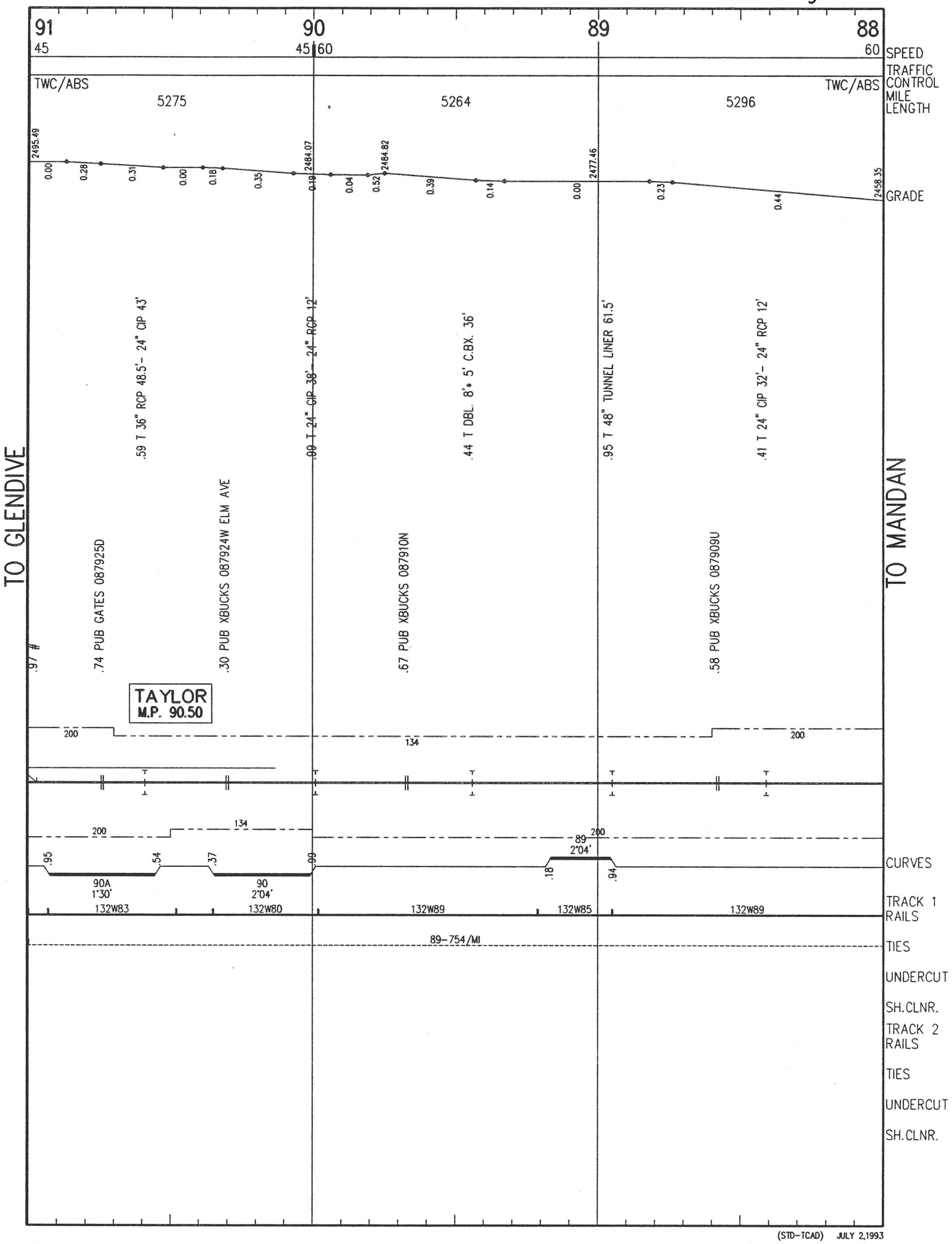

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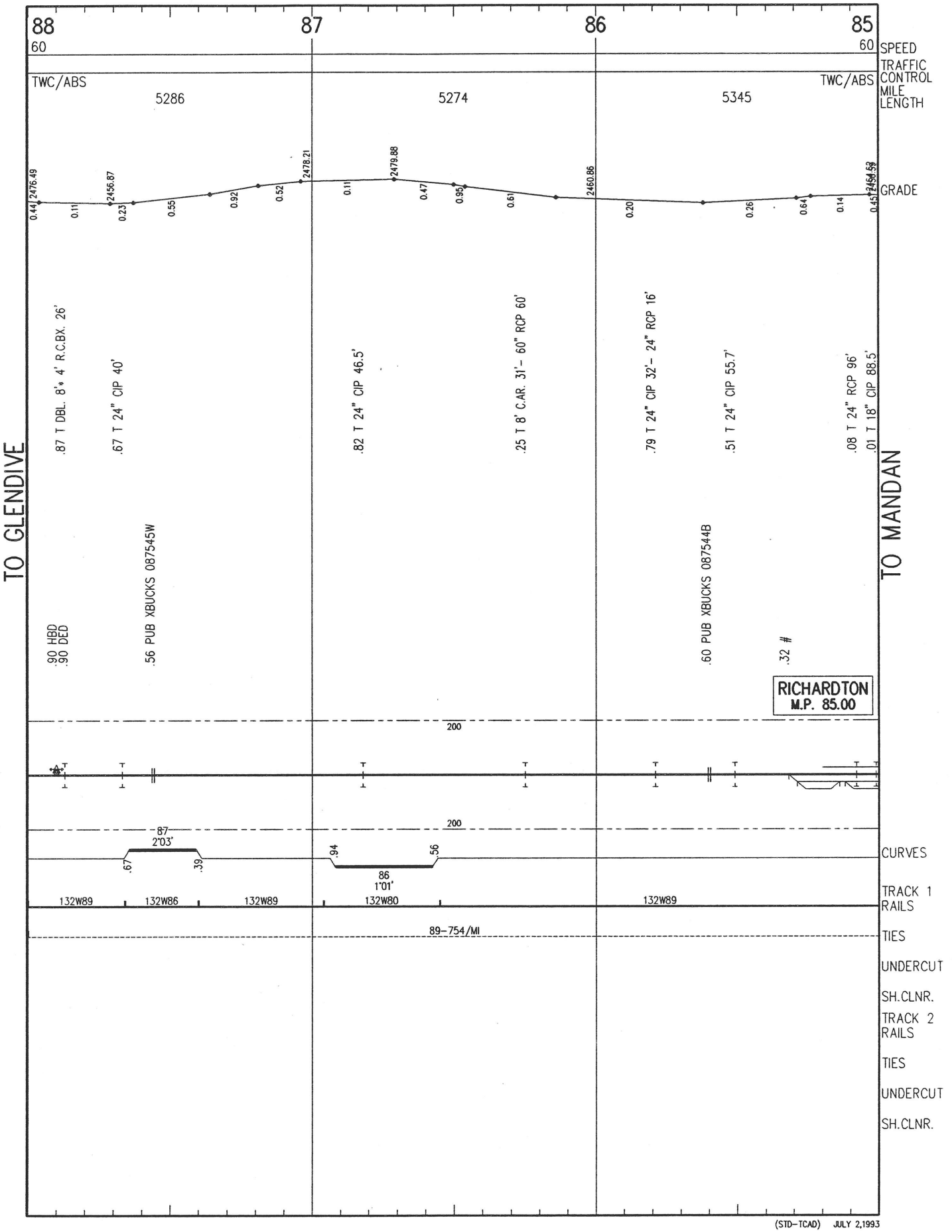

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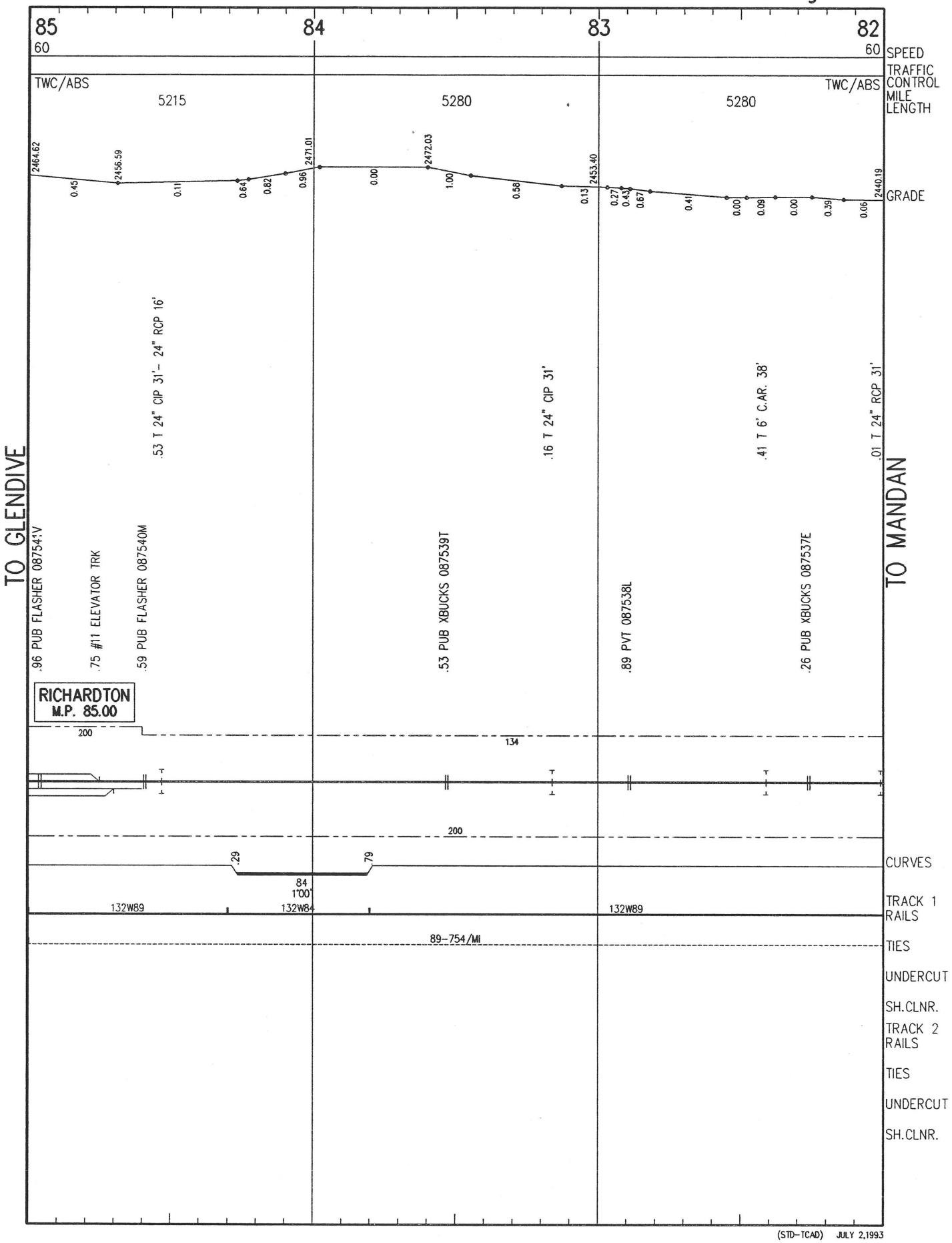

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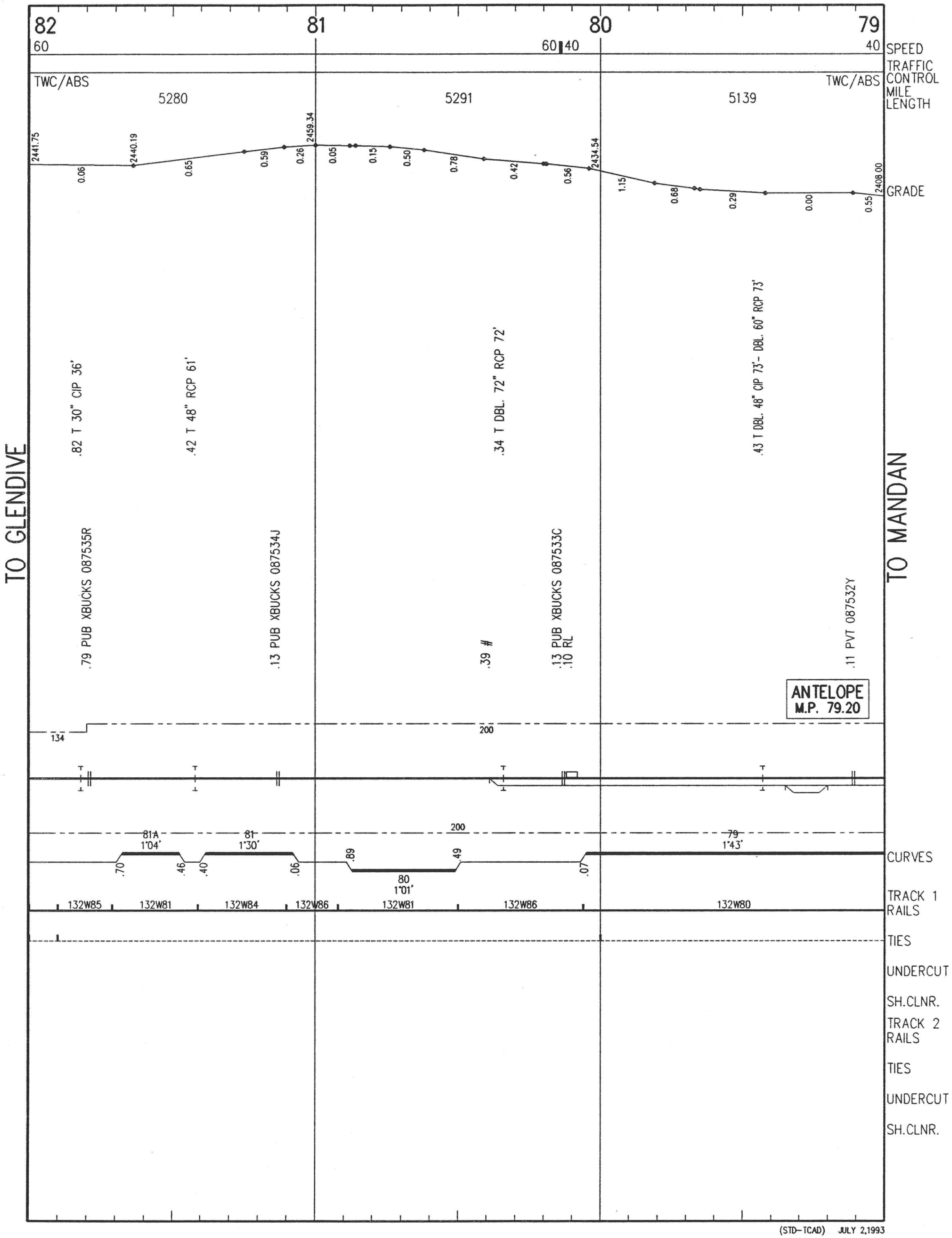

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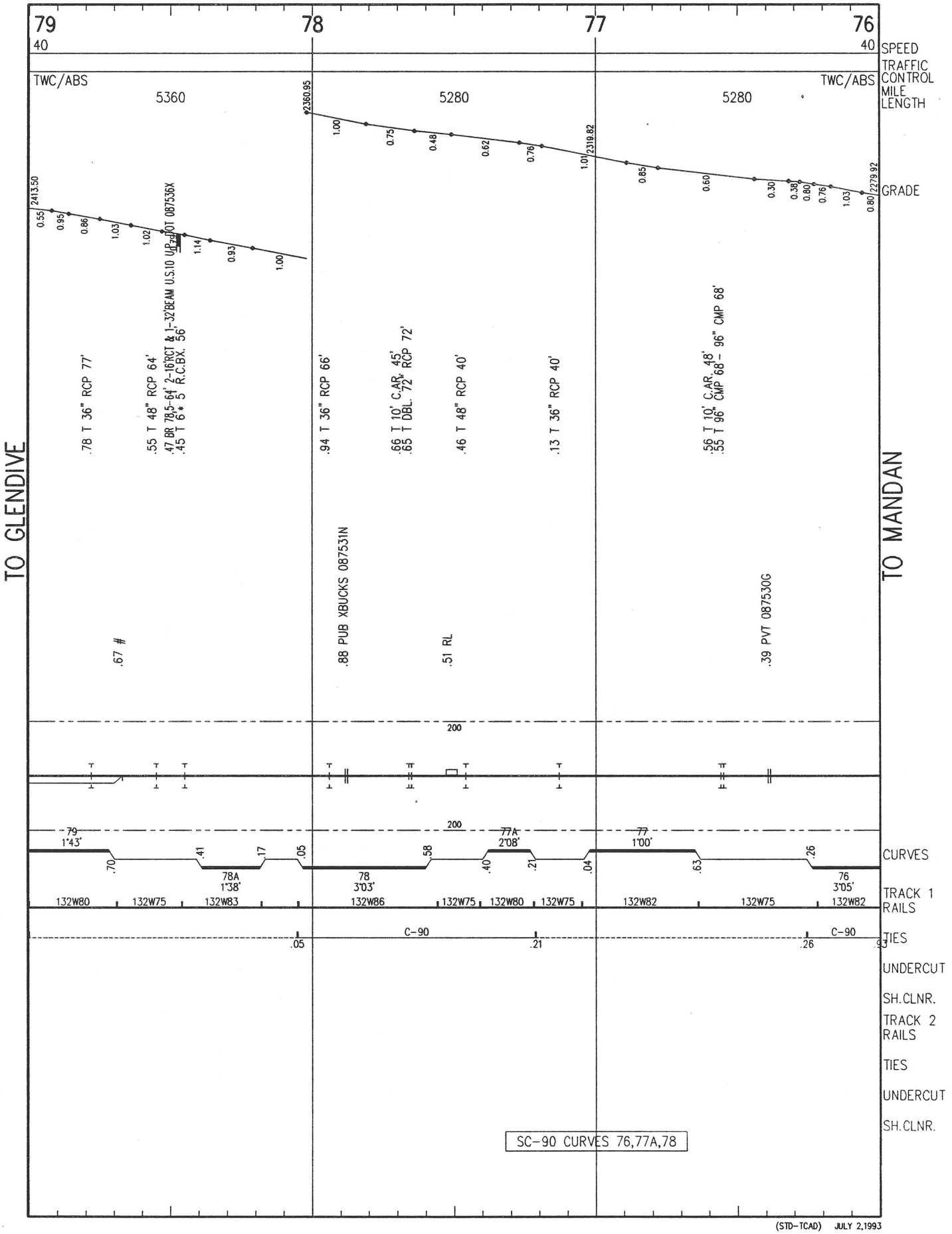

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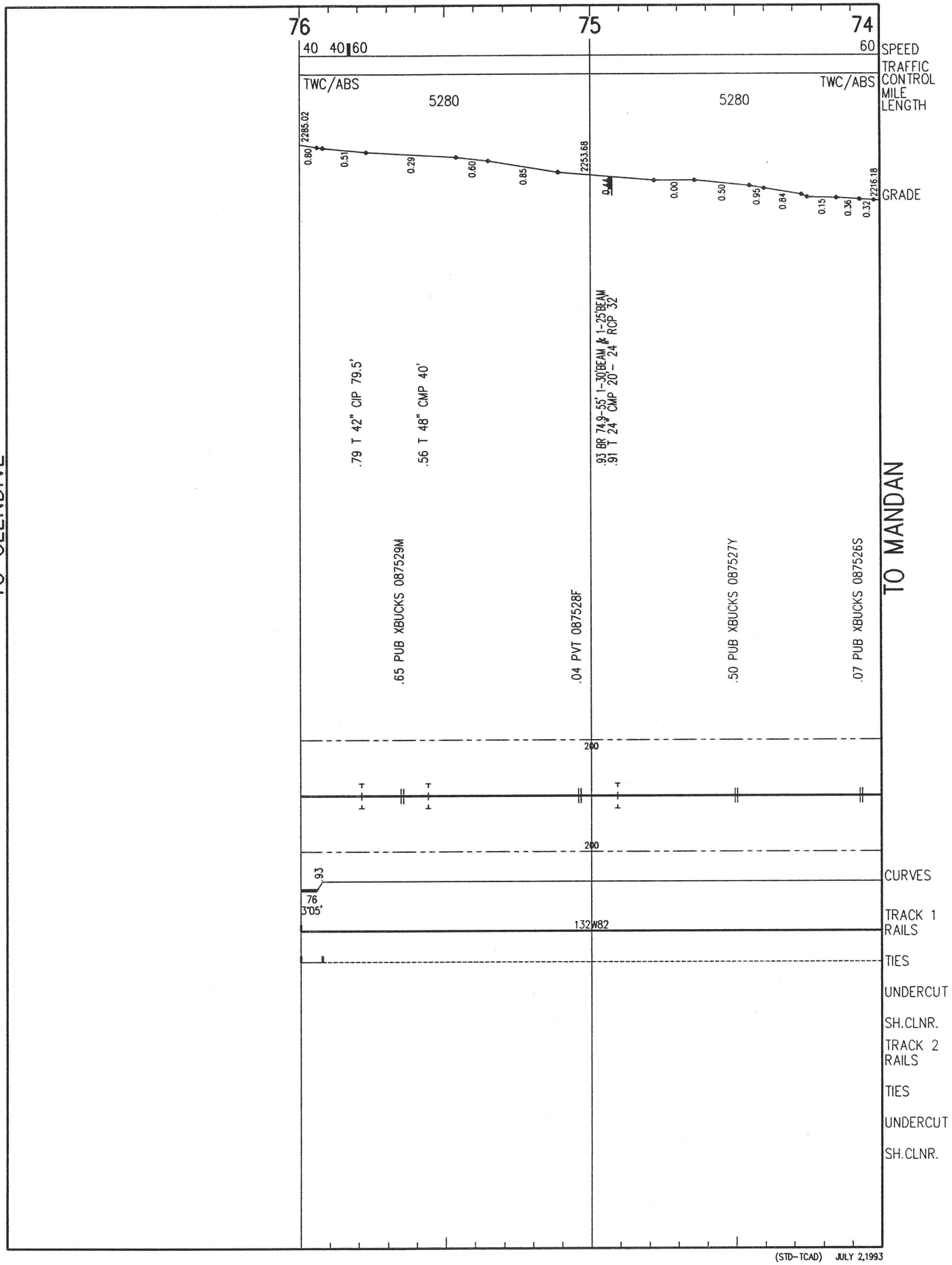

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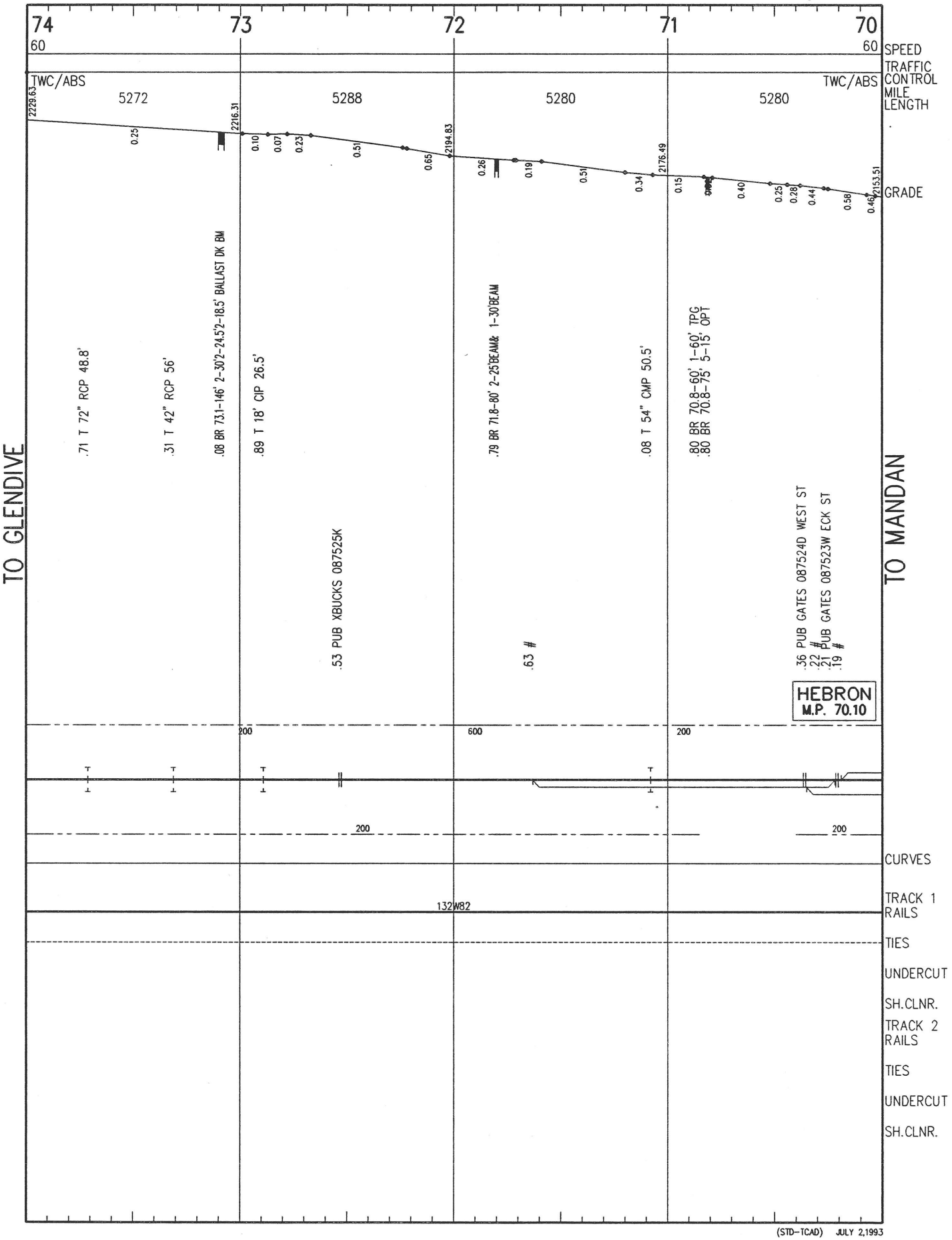

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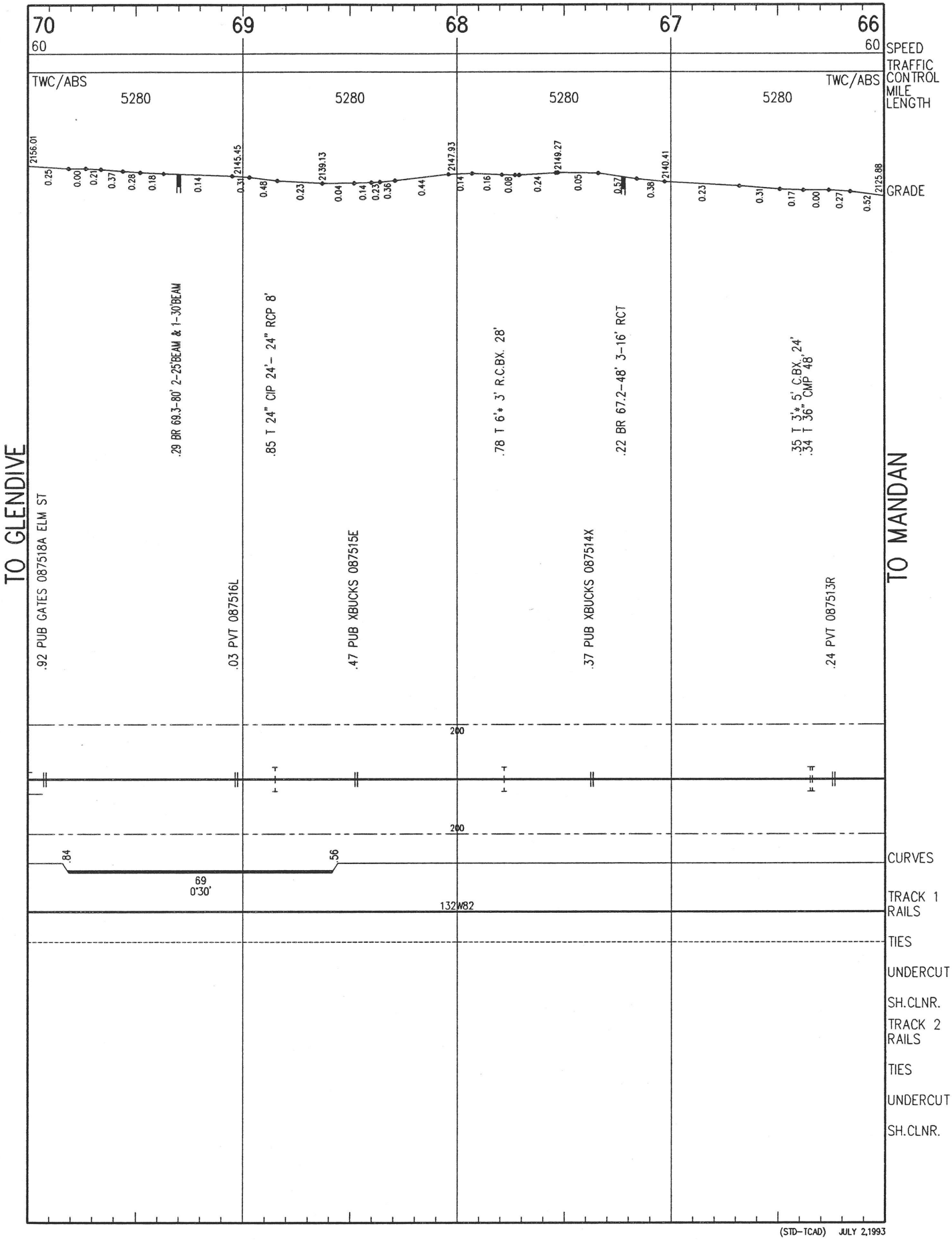

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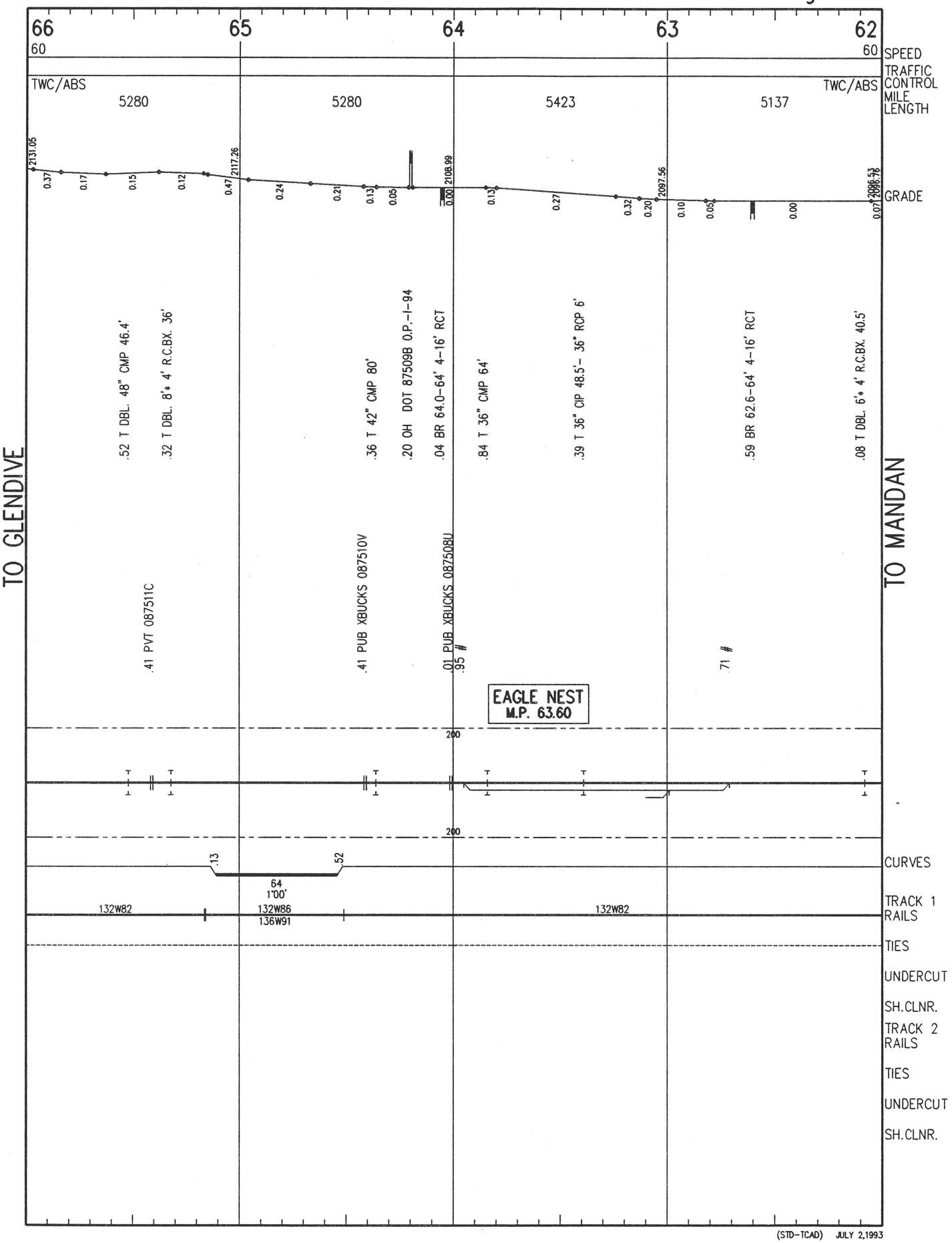

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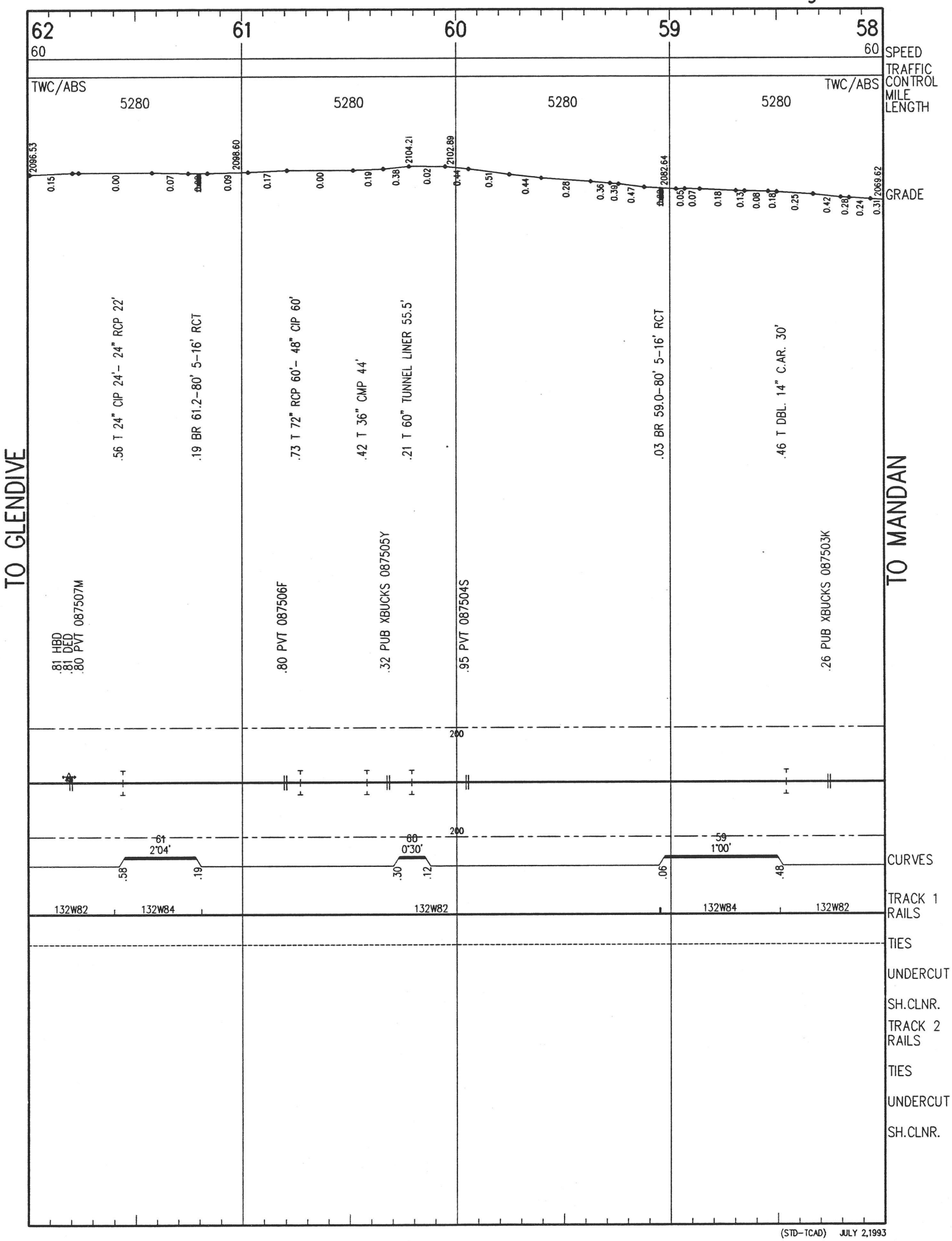

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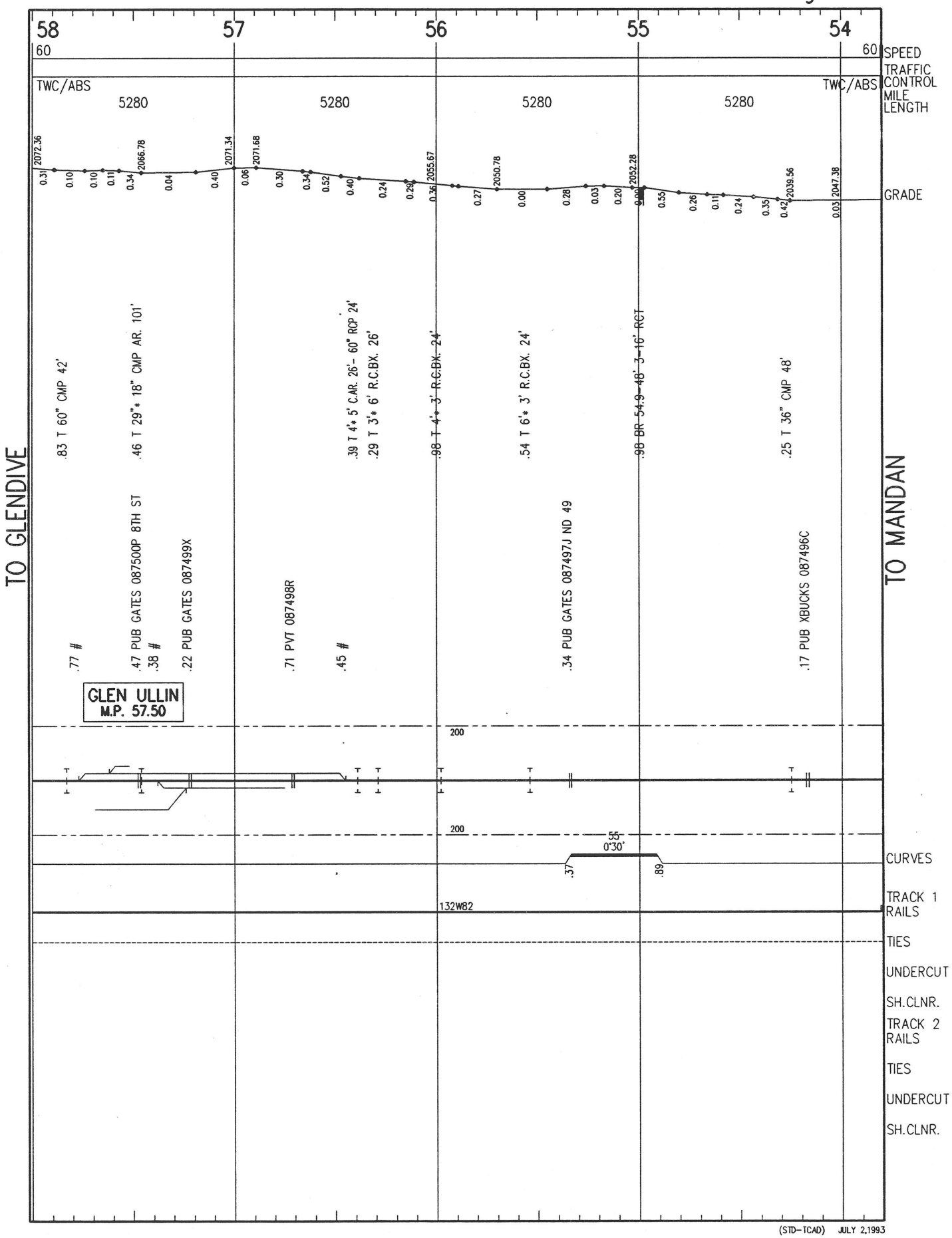

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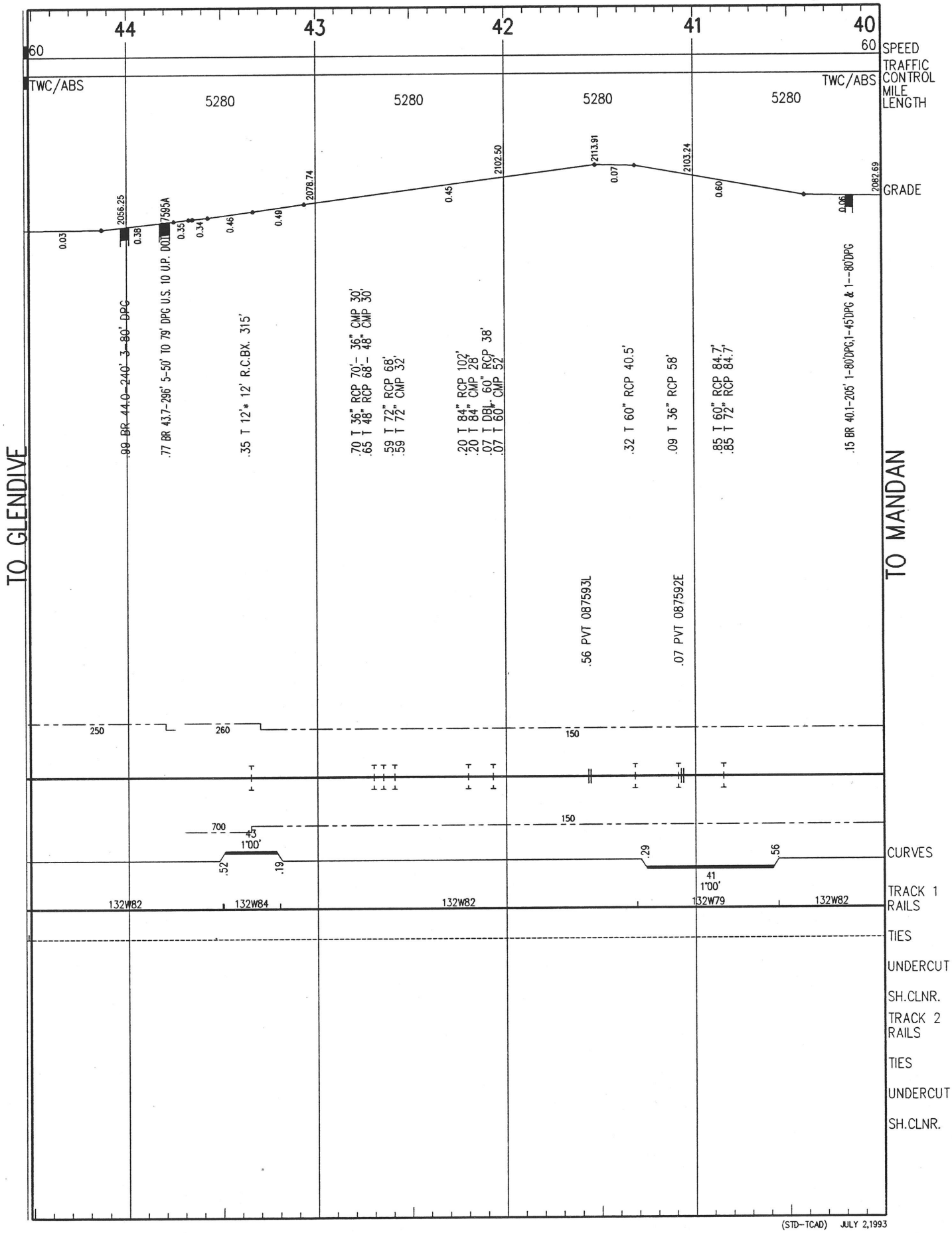

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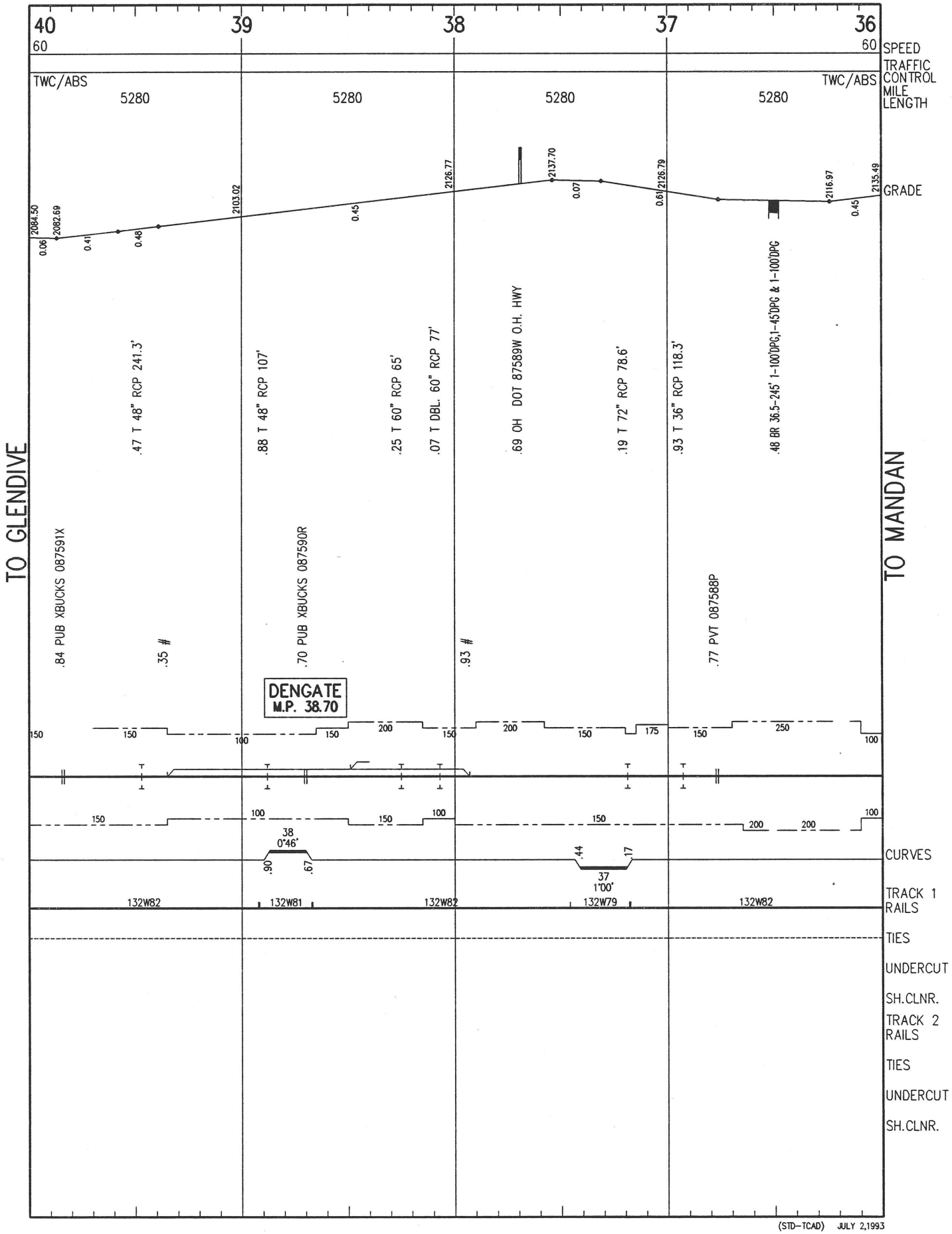

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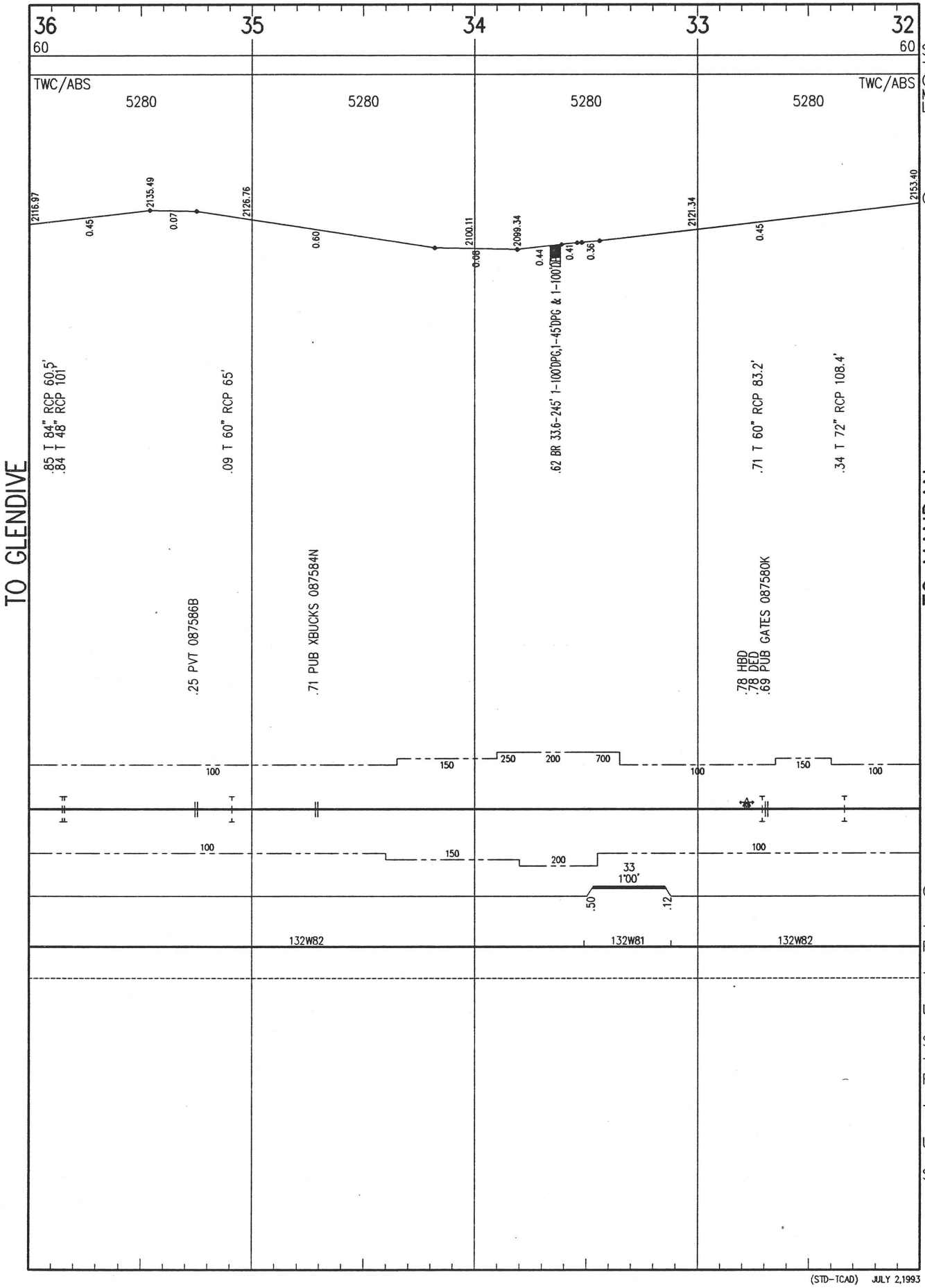

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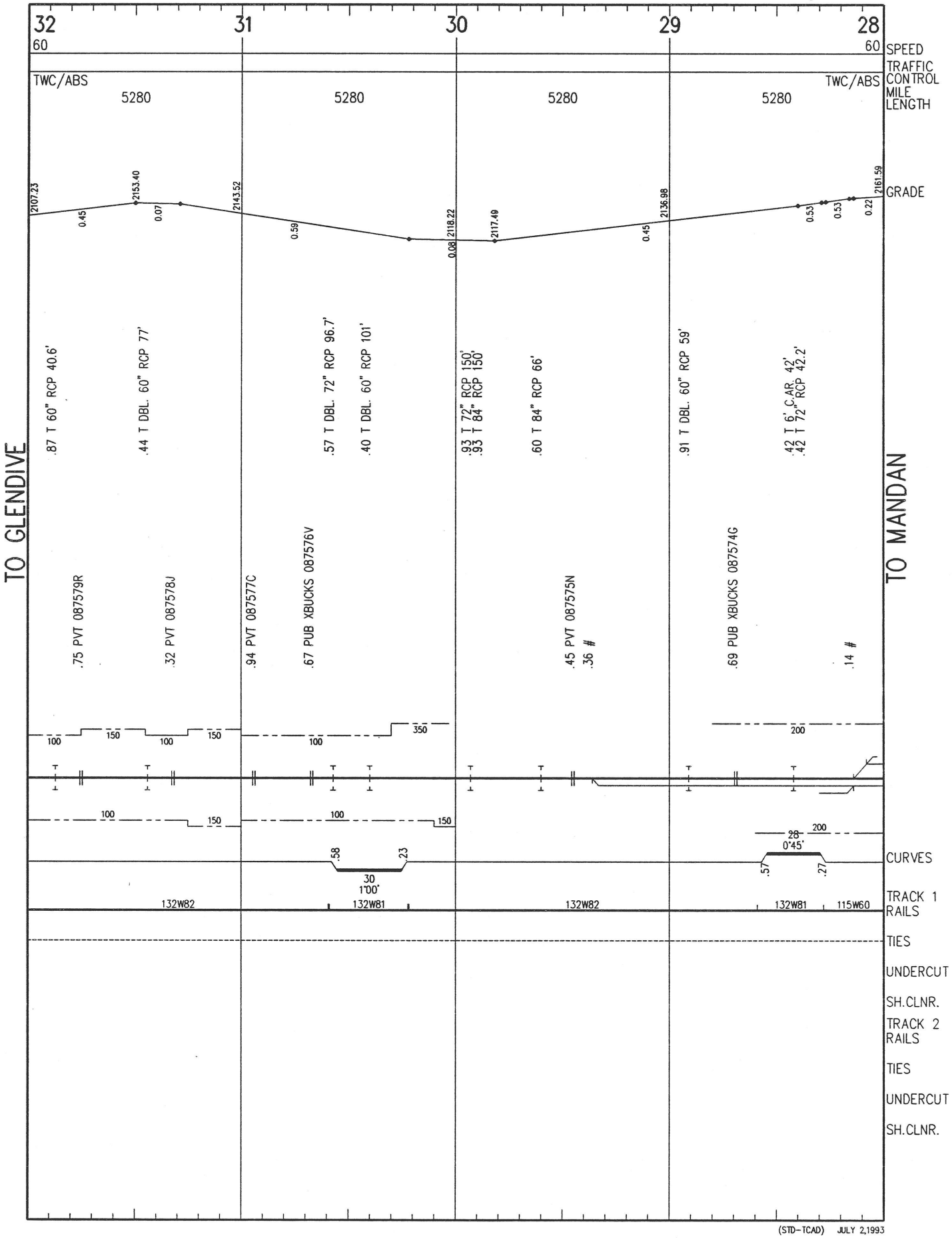
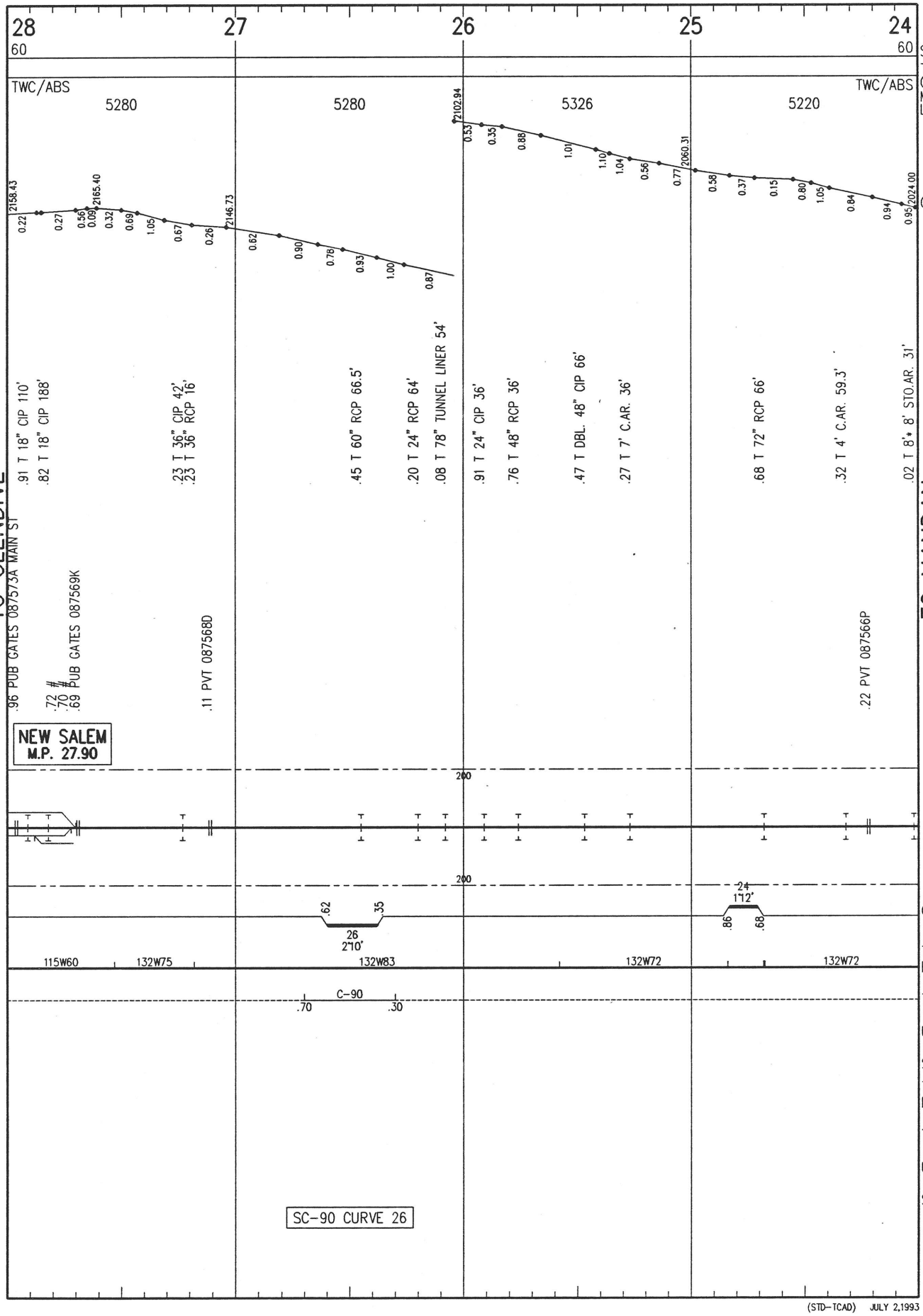
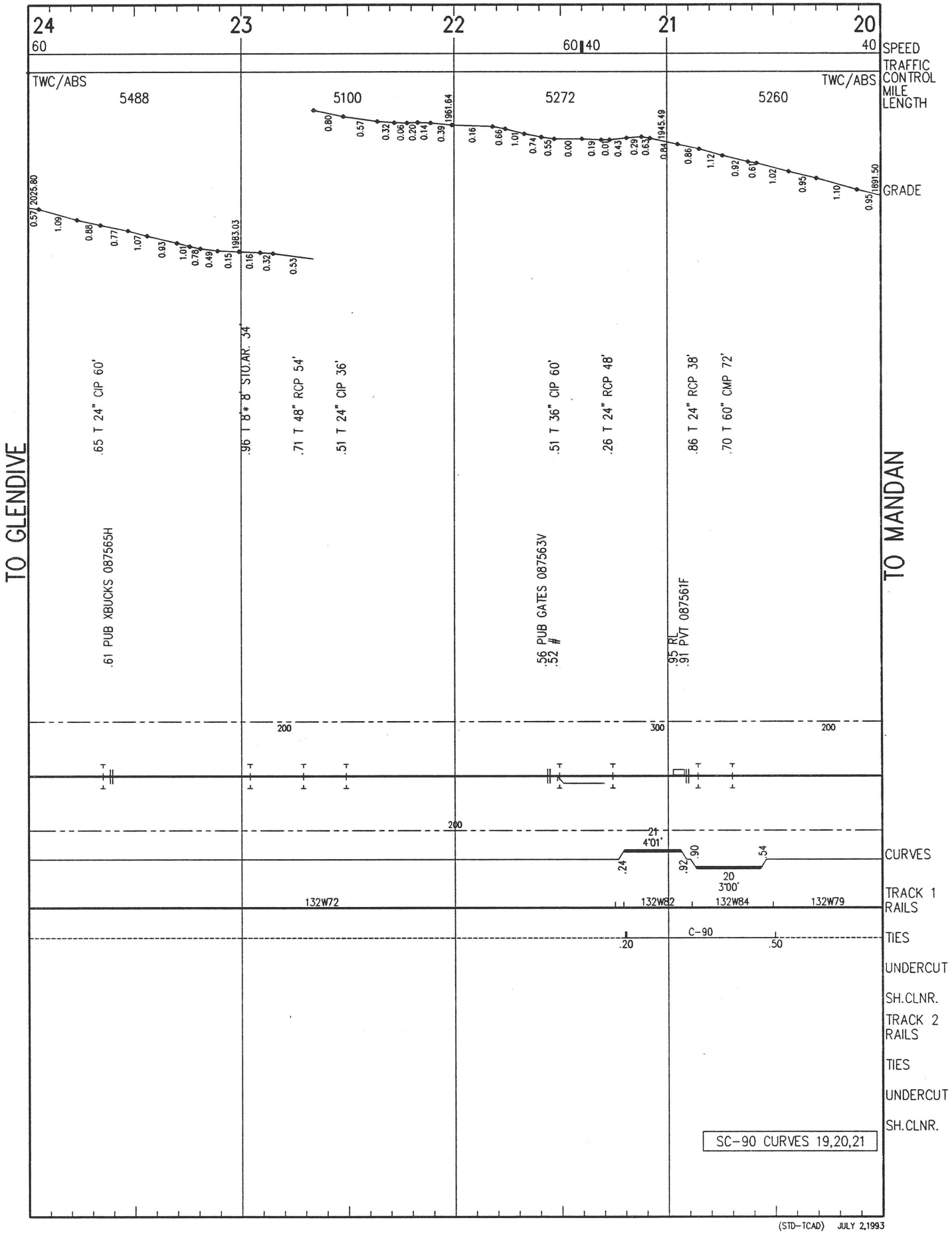
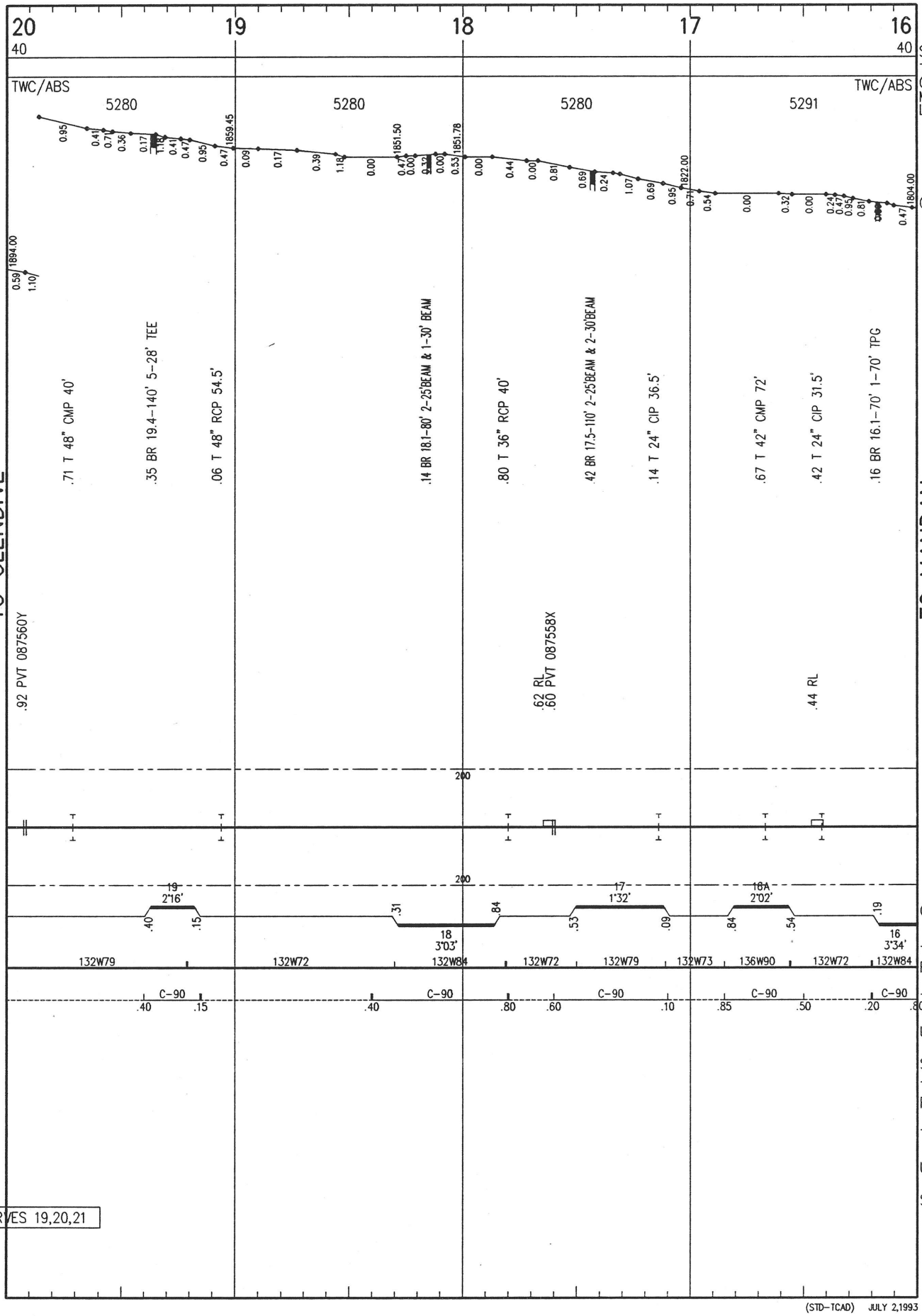


(STD-TCAD) JULY 2,1993



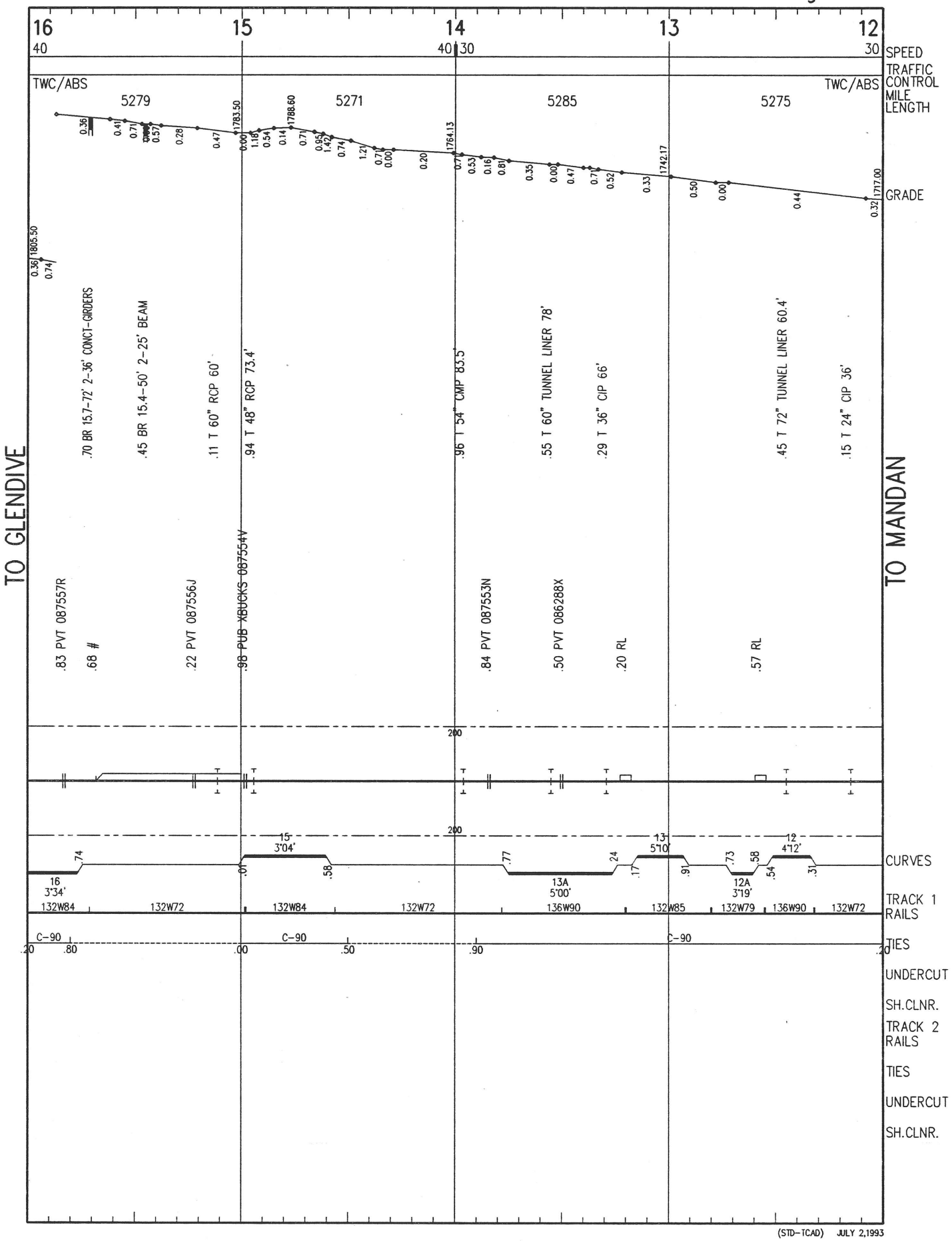
(STD-TCAD) JULY 2,1993


24
23
22
21
20
60
60 40
40
SPEED
TRAFFIC CONTROL
MILE LENGTH
GRADE
TWC/ABS
TWC/ABS
5488
5100
5272
5260
2025.80
1983.03
1961.64
1945.49
1891.50
TO GLENDIVE
TO MANDAN
.65 T 24" CIP 60'
.96 T 8" * 8" STO.AR. 34'
.71 T 48" RCP 54'
.51 T 24" CIP 36'
.51 T 36" CIP 60'
.26 T 24" RCP 48'
.86 T 24" RCP 38'
.70 T 60" CMP 72'
.61 PUB XBUCKS 087565H
.56 PUB GATES 087563V
.52 #
.95 RL
.91 PVT 087561F
200
300
200
200
21
4°01'
.24
.92
.90
.54
20
3°00'
CURVES
TRACK 1 RAILS
132W72
132W82
132W84
132W79
C-90
.20
.50
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
SC-90 CURVES 19,20,21
(STD-TCAD) JULY 2,1993

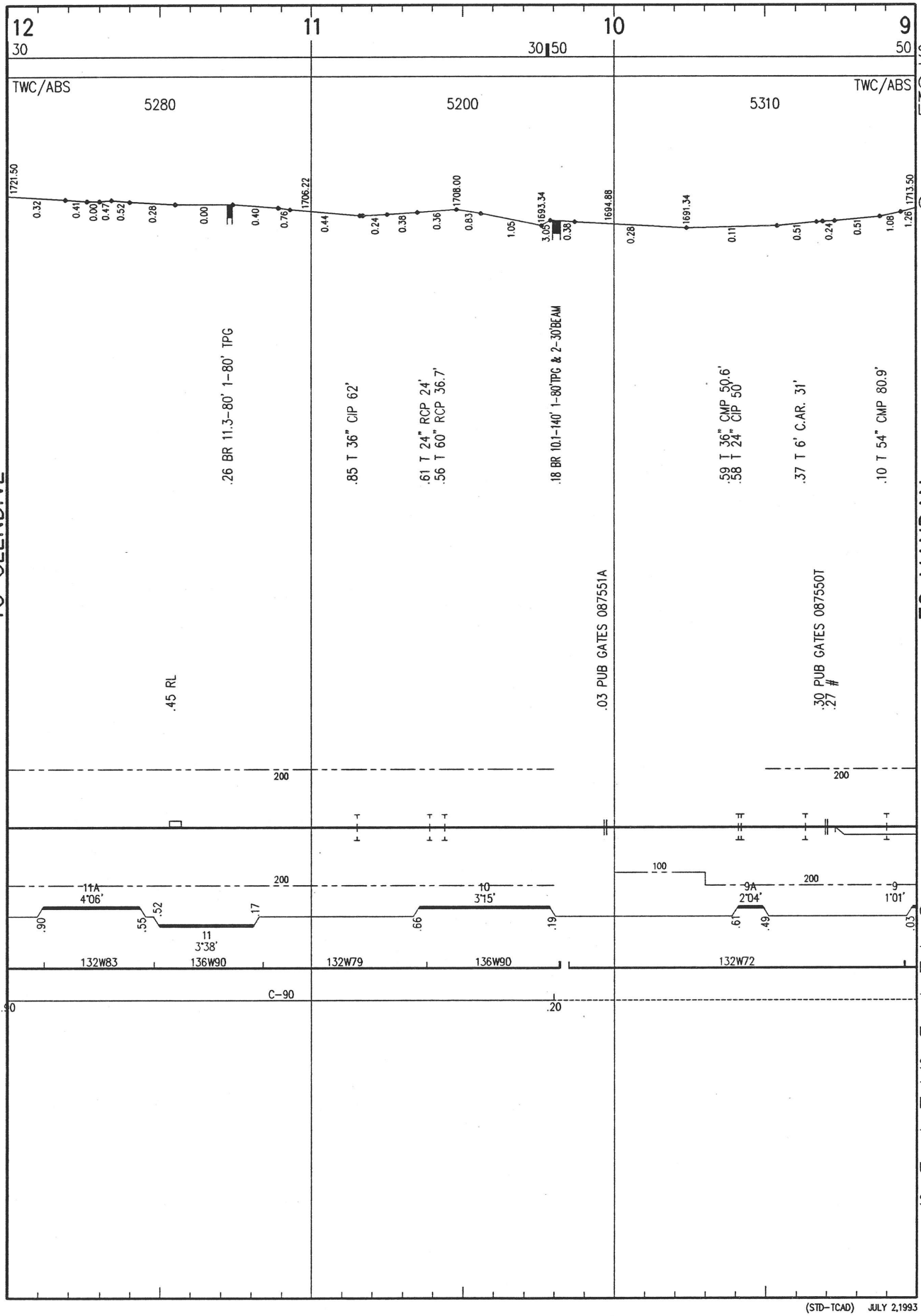


J CURVES 19,20,21

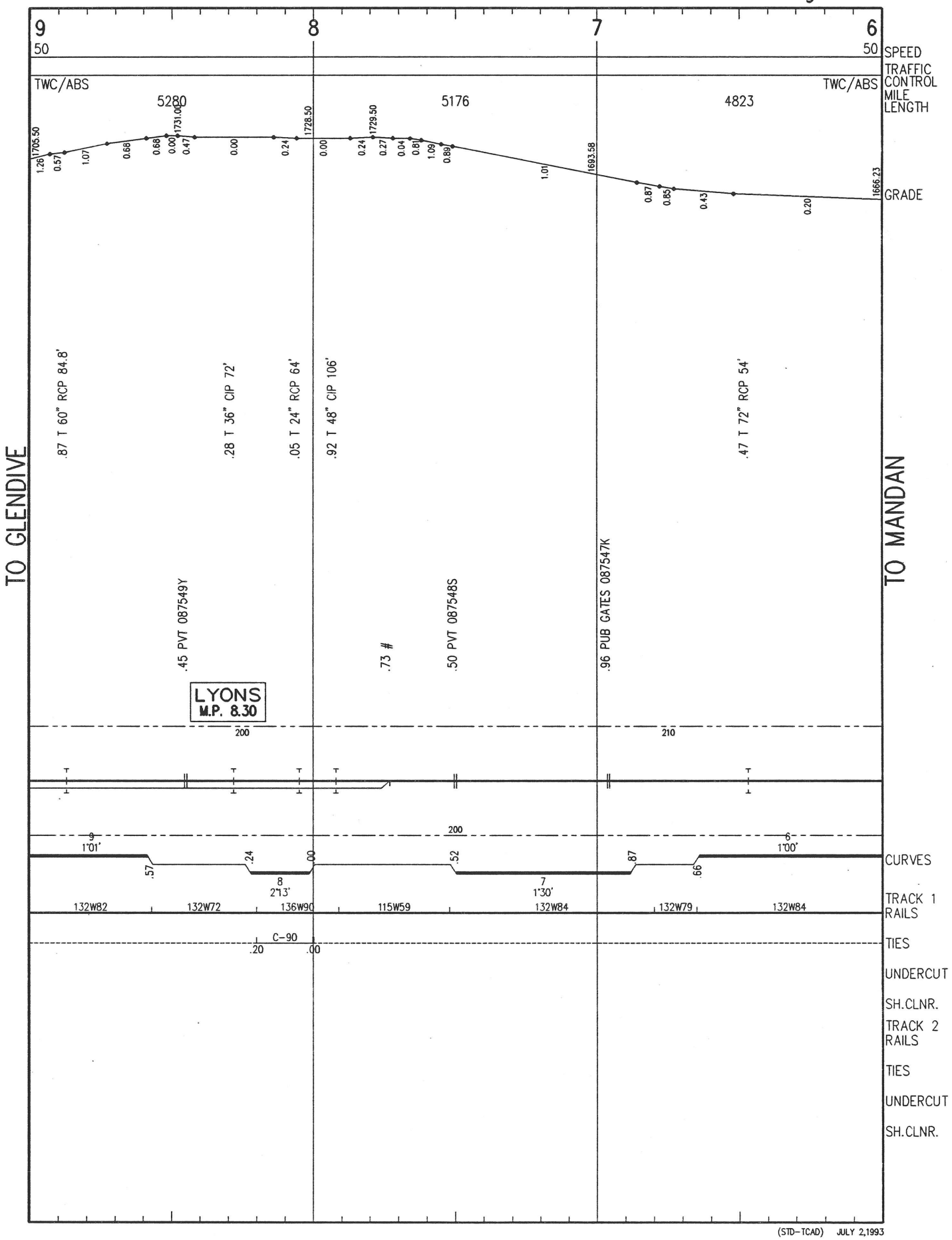
(STD-TCAD) JULY 2,1993



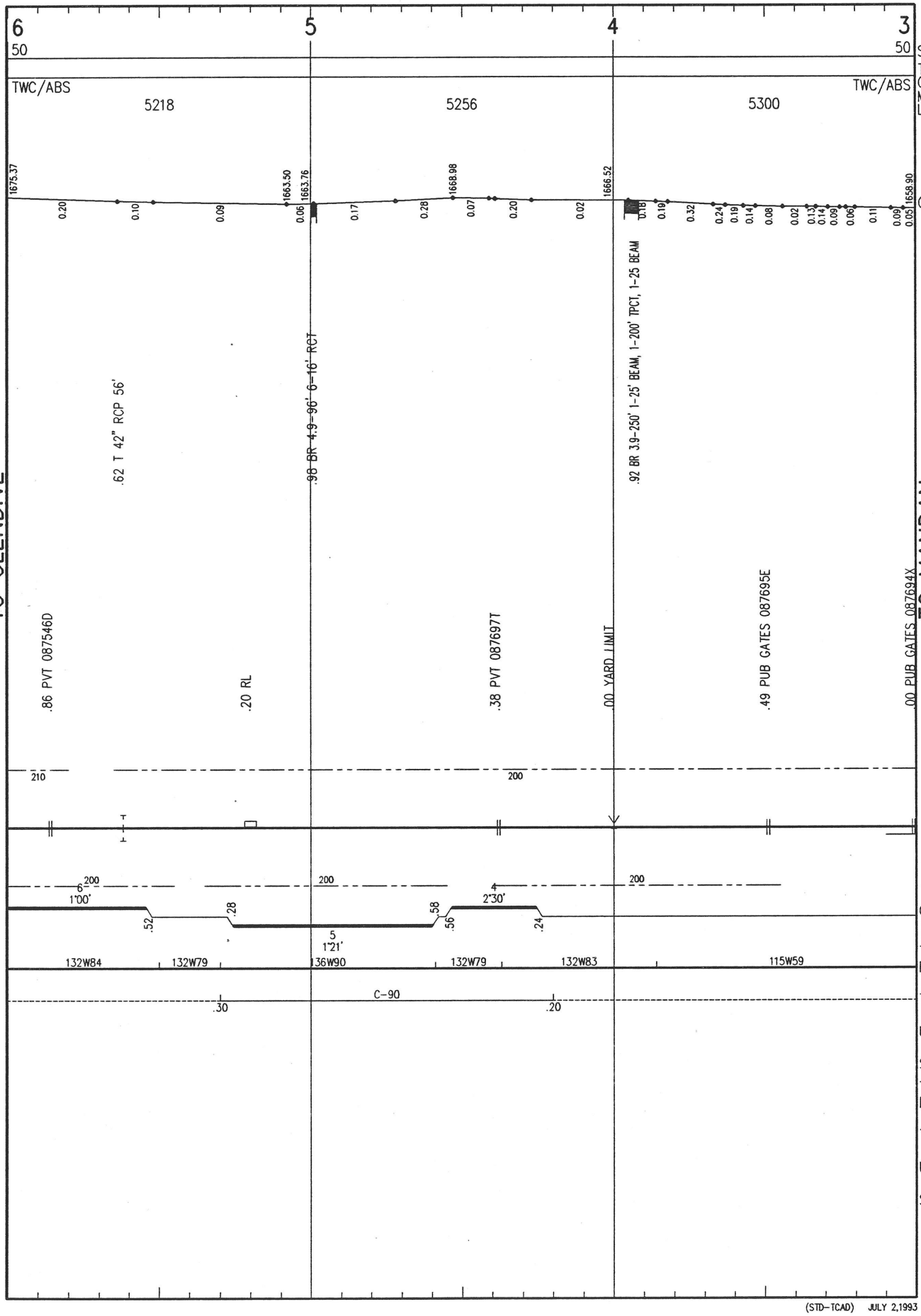
(STD-TCAD) JULY 2,1993



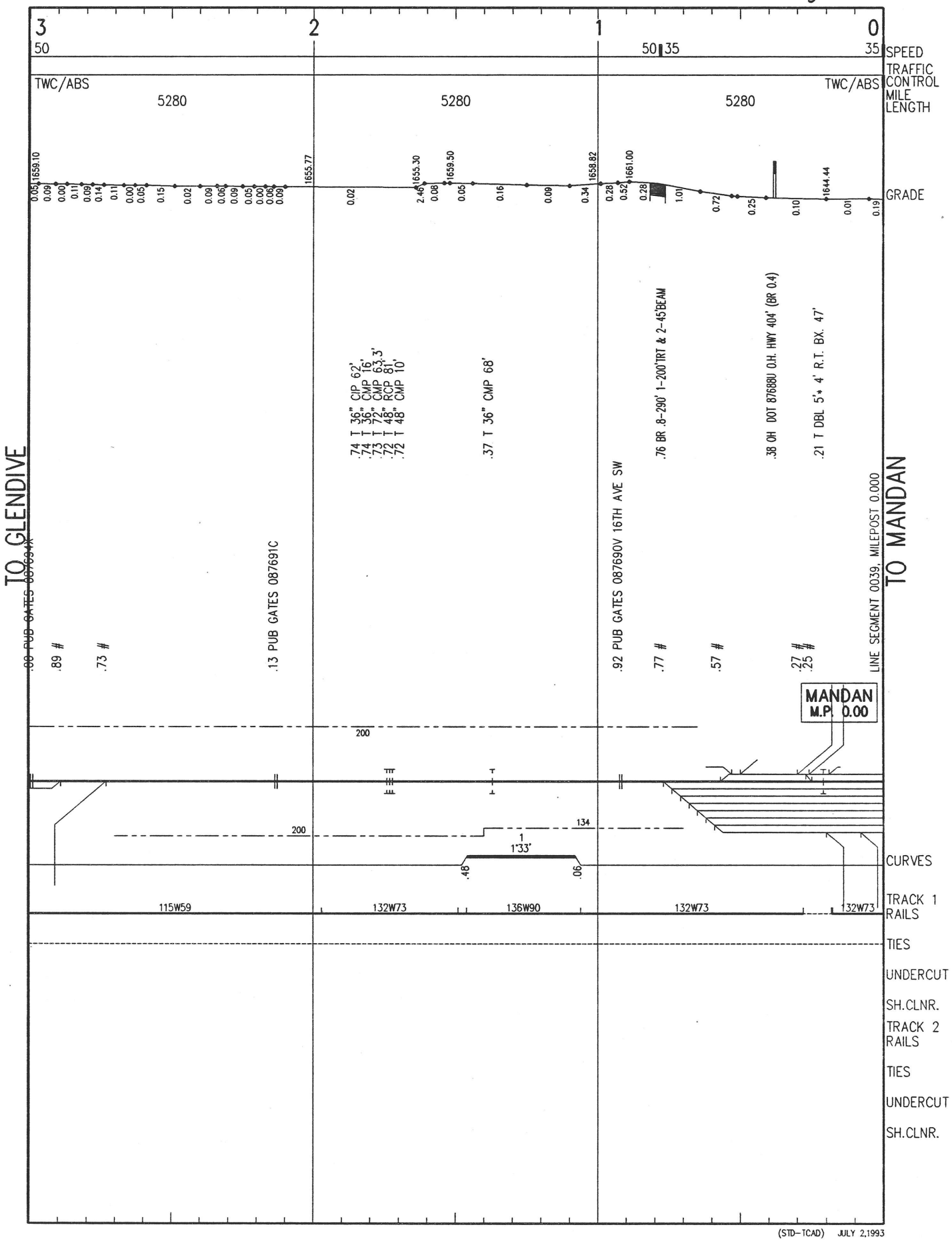
(STD-TCAD) JULY 2,1993



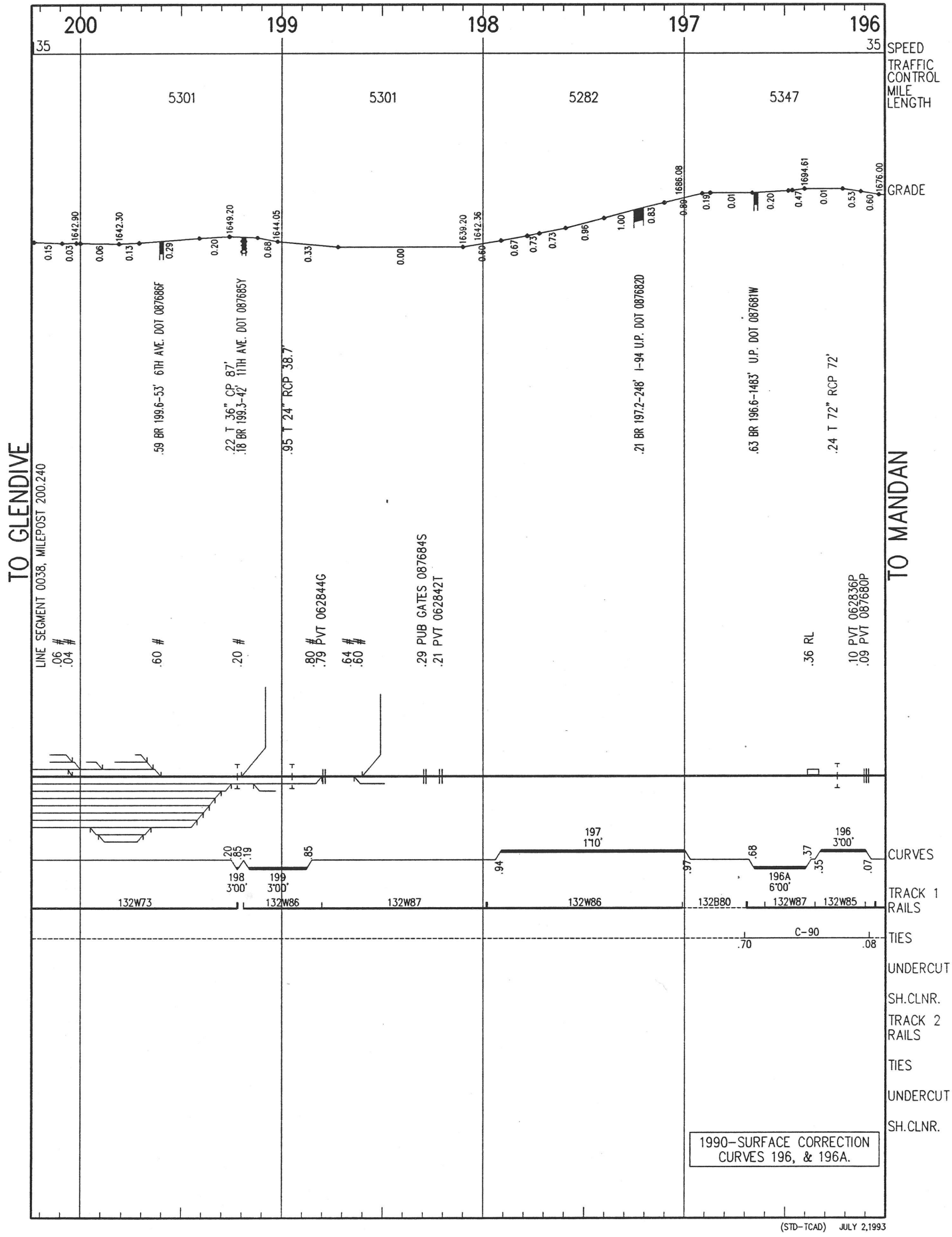
(STD-TCAD) JULY 2,1993

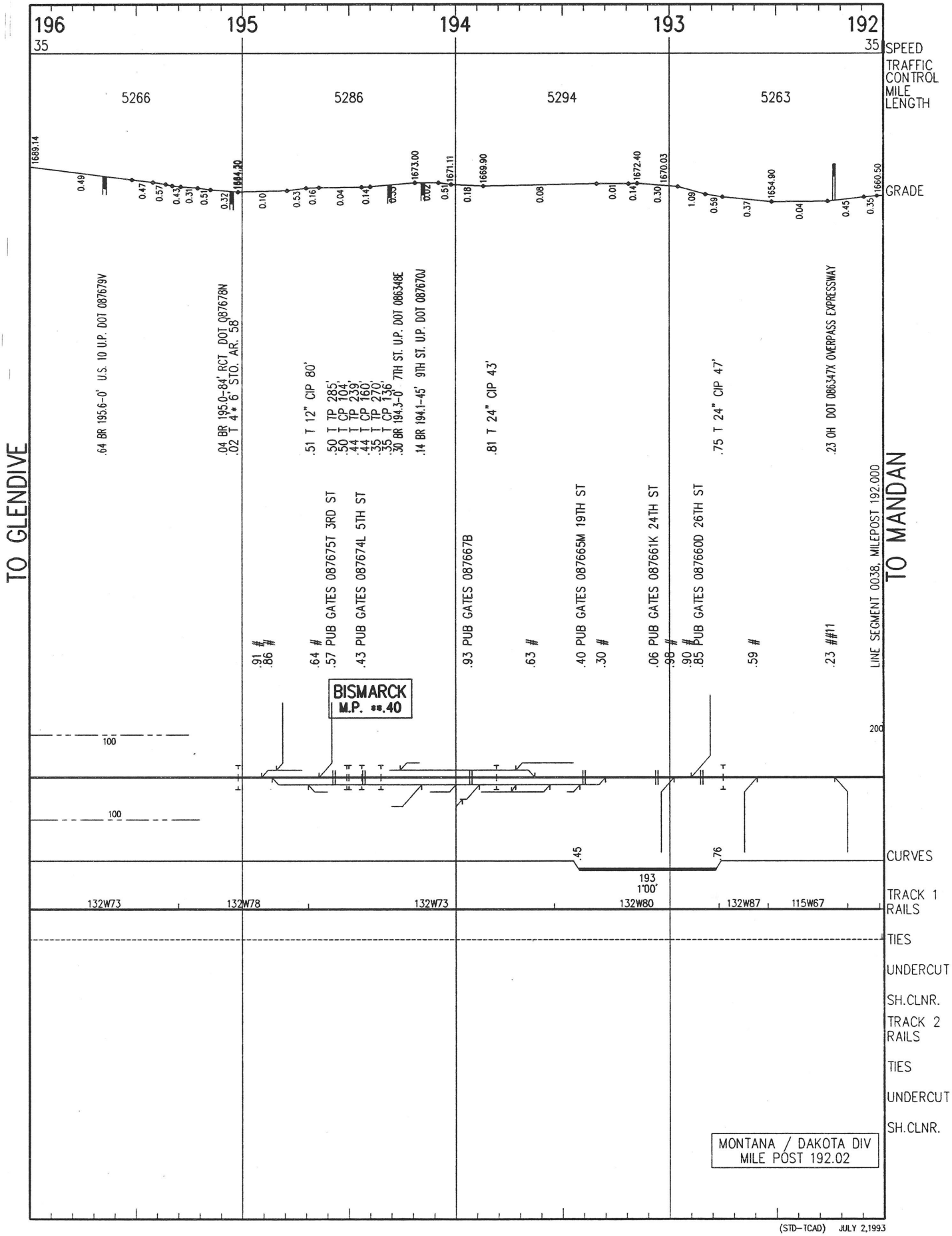


(STD-TCAD) JULY 2,1993



(STD-TCAD) JULY 2,1993

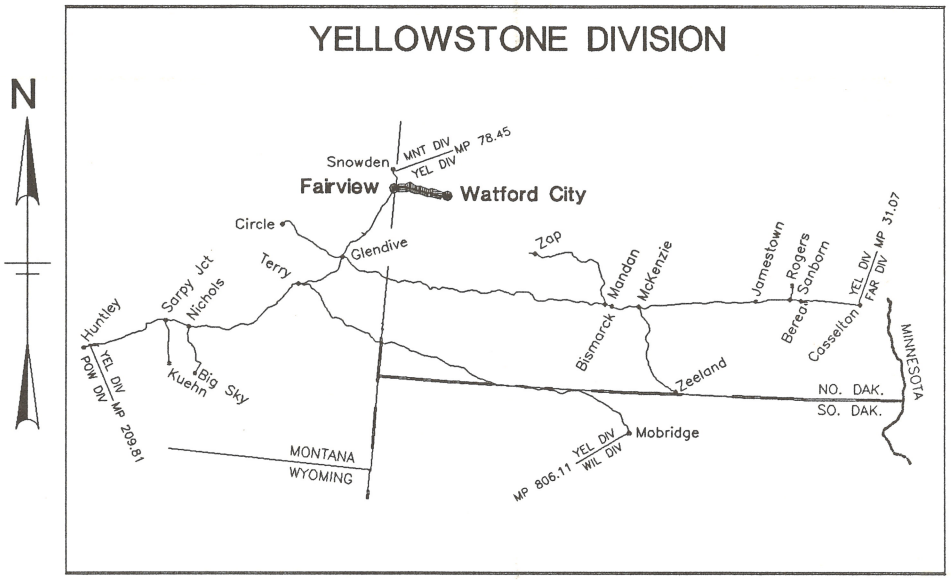

200
199
198
197
196
35
35
SPEED
TRAFFIC CONTROL
MILE LENGTH
5301
5301
5282
5347
GRADE
1642.90
1642.30
1649.20
1644.05
1639.20
1642.36
1686.08
1694.61
1676.00
TO GLENDIVE
TO MANDAN
LINE SEGMENT 0038, MILEPOST 200.240
.59 BR 199.6-53' 6TH AVE. DOT 087686F
.22 T 36" CP 87'
.18 BR 199.3-42' 11TH AVE. DOT 087685Y
.95 T 24" RCP 38.7'
.21 BR 197.2-248' I-94 U.P. DOT 087682D
.63 BR 196.6-1483' U.P. DOT 087681W
.24 T 72" RCP 72'
.29 PUB GATES 087684S
.21 PVT 062842T
.80 # .79 PVT 062844G
.64 # .60 #
.60 #
.20 #
.06 # .04 #
.36 RL
.10 PVT 062836P .09 PVT 087680P
CURVES
198 3°00'
199 3°00'
197 1°10'
196A 6°00'
196 3°00'
TRACK 1 RAILS
132W73
132W86
132W87
132W86
132B80
132W87
132W85
TIES
C-90
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
1990-SURFACE CORRECTION
CURVES 196, & 196A.
(STD-TCAD) JULY 2,1993

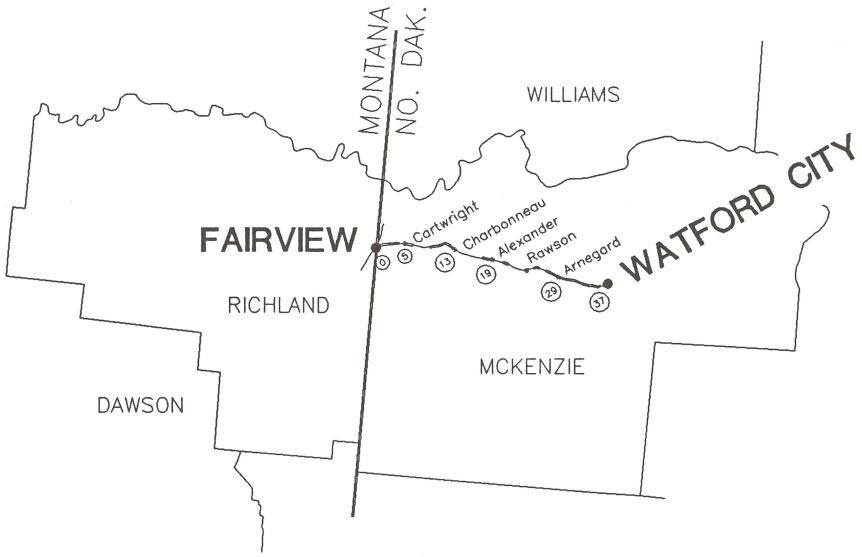


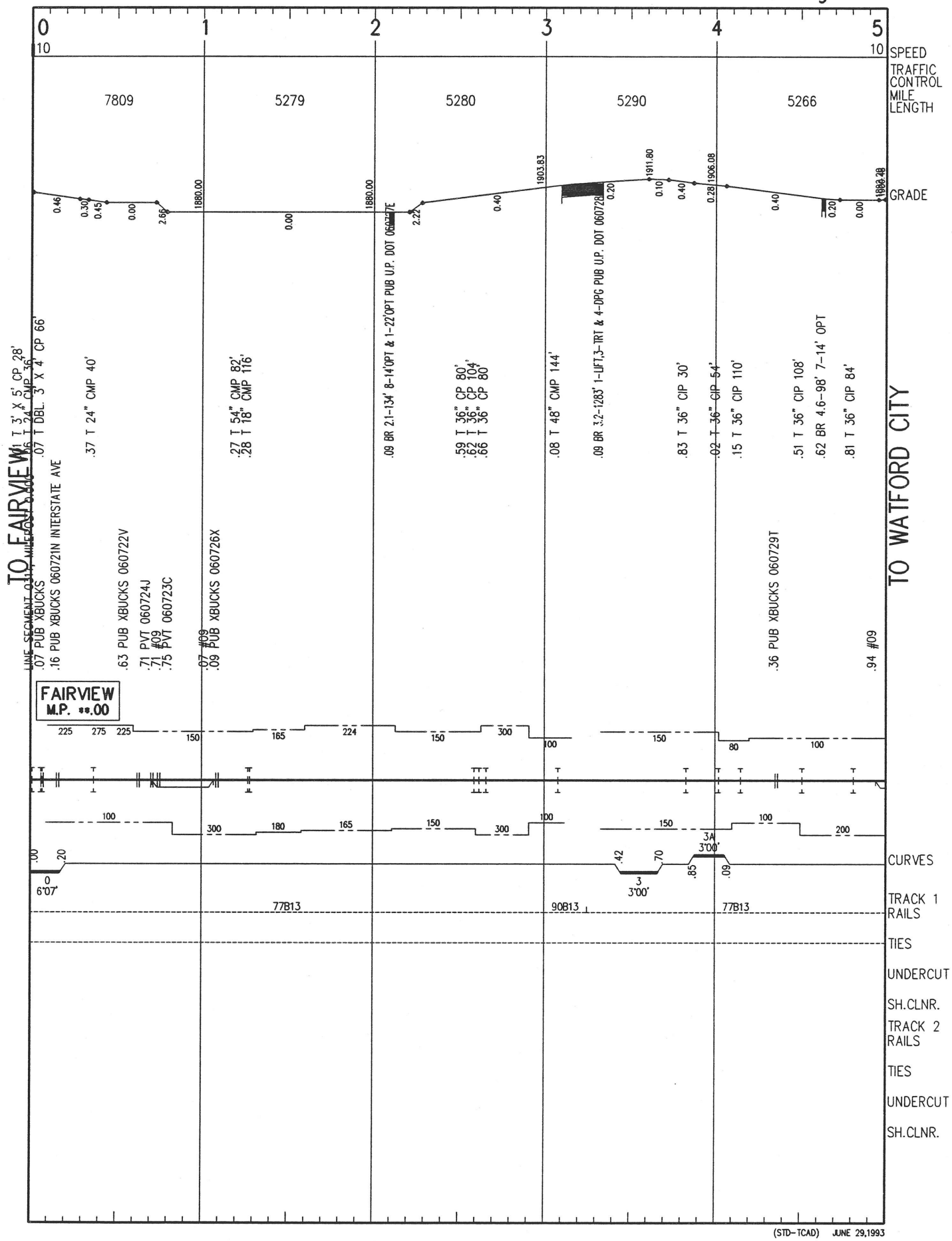
(STD-TCAD) JULY 2,1993

BURLINGTON NORTHERN
YELLOWSTONE DIVISION

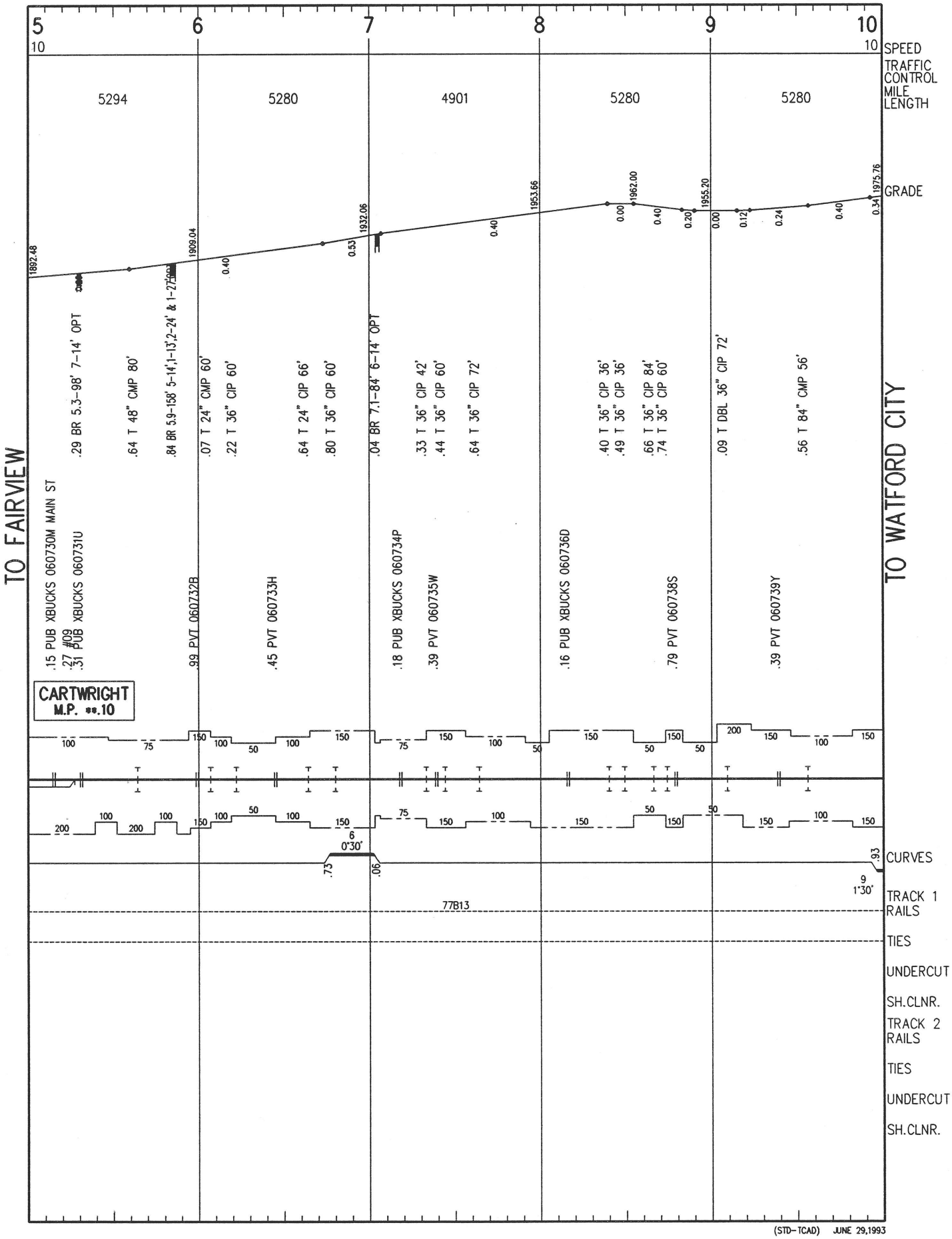
FAIRVIEW SUBDIVISION

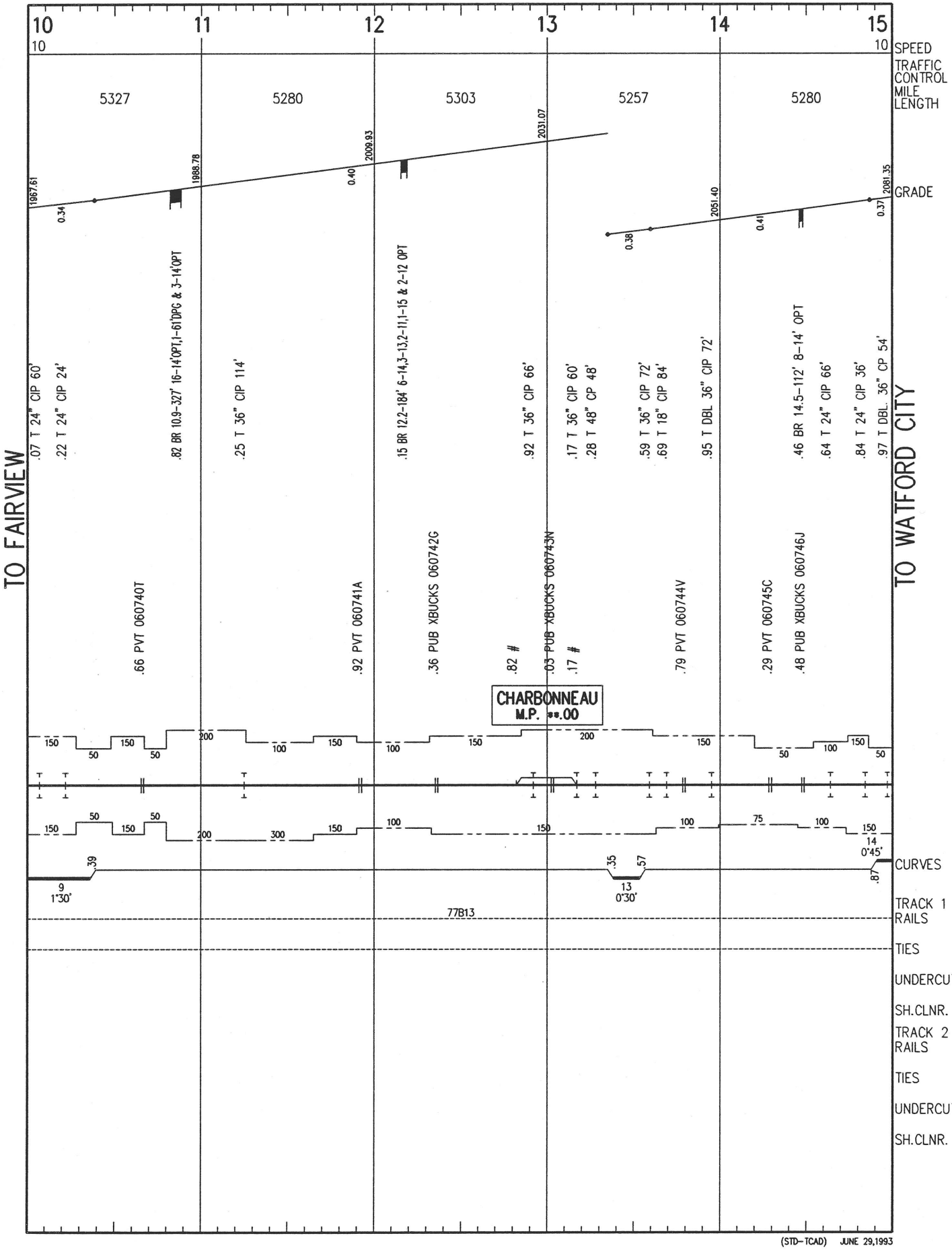




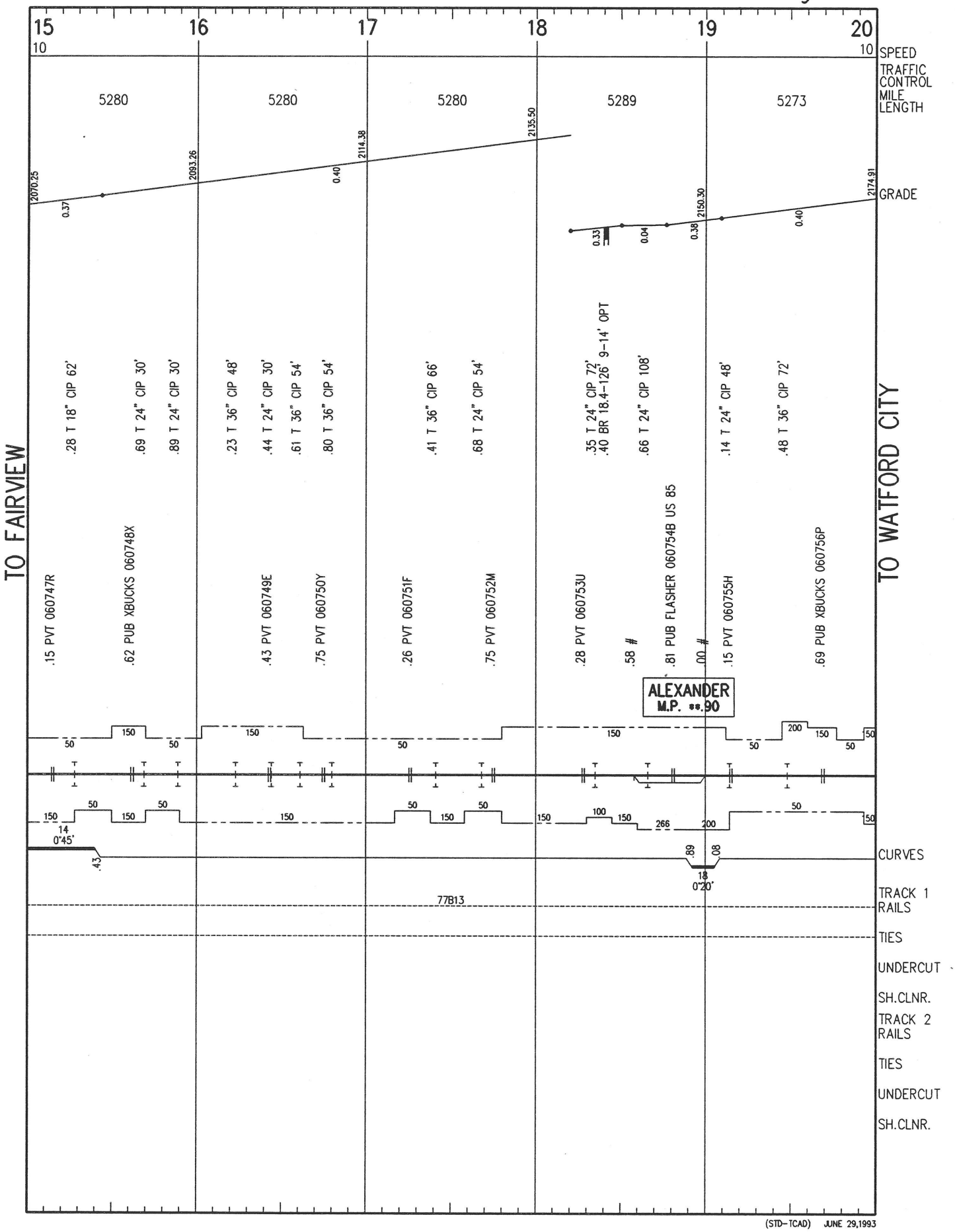


(STD-TCAD) JUNE 29,1993

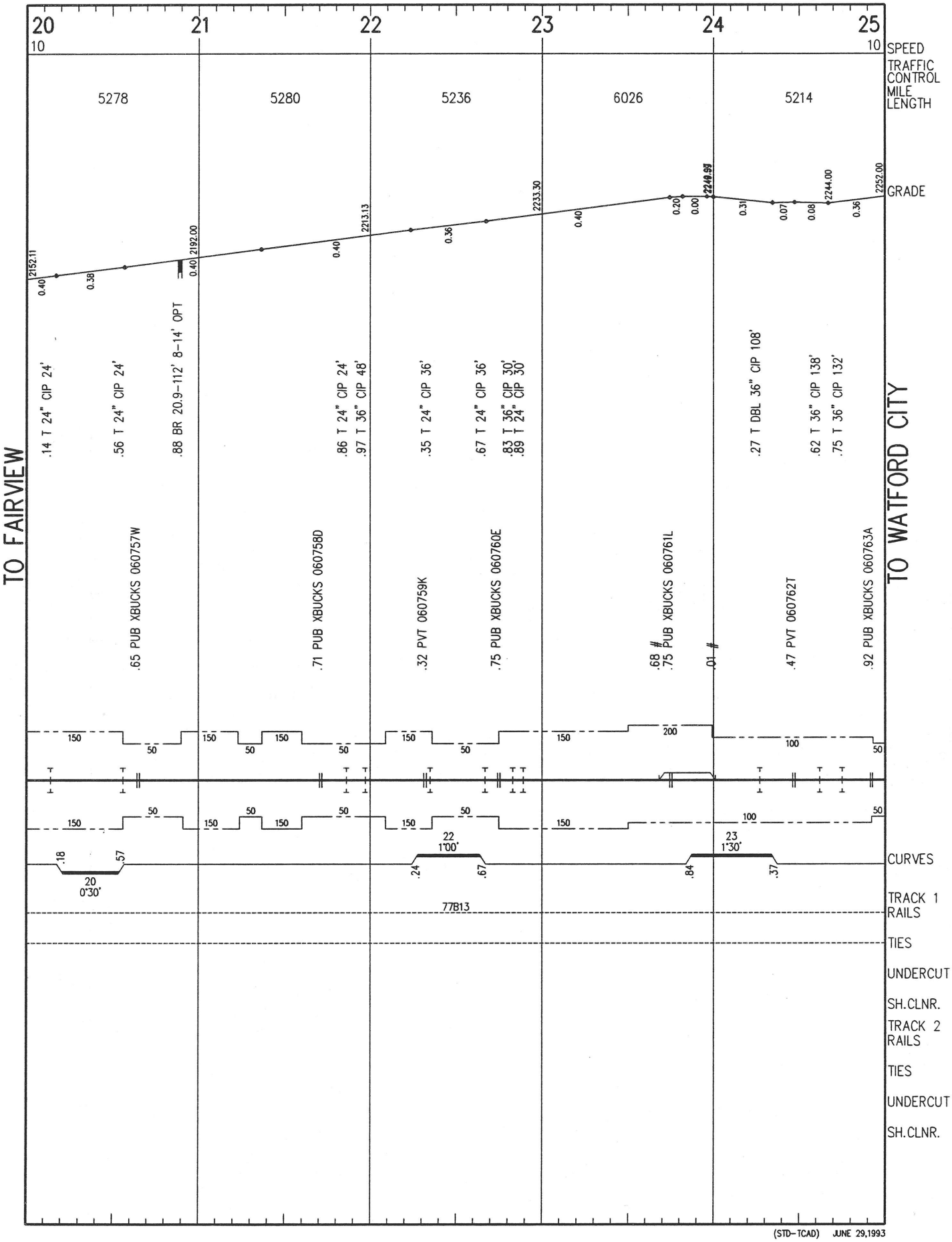

5
6
7
8
9
10
SPEED
TRAFFIC CONTROL
MILE LENGTH
5294
5280
4901
5280
5280
GRADE
1892.48
1909.04
1932.06
1953.66
1962.00
1955.20
1975.76
TO FAIRVIEW
TO WATFORD CITY
.29 BR 5.3-98' 7-14' OPT
.64 T 48" CMP 80'
.84 BR 5.9-158' 5-14',1-13',2-24' & 1-27'
.07 T 24" CMP 60'
.22 T 36" CIP 60'
.64 T 24" CIP 66'
.80 T 36" CIP 60'
.04 BR 7.1-84' 6-14' OPT
.33 T 36" CIP 42'
.44 T 36" CIP 60'
.64 T 36" CIP 72'
.40 T 36" CIP 36'
.49 T 36" CIP 36'
.66 T 36" CIP 84'
.74 T 36" CIP 60'
.09 T DBL 36" CIP 72'
.56 T 84" CMP 56'
.15 PUB XBUCKS 060730M MAIN ST
.27 #09
.31 PUB XBUCKS 060731U
.99 PVT 060732B
.45 PVT 060733H
.18 PUB XBUCKS 060734P
.39 PVT 060735W
.16 PUB XBUCKS 060736D
.79 PVT 060738S
.39 PVT 060739Y
CARTWRIGHT
M.P. **.10
CURVES
TRACK 1 RAILS
77B13
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
(STD-TCAD) JUNE 29,1993



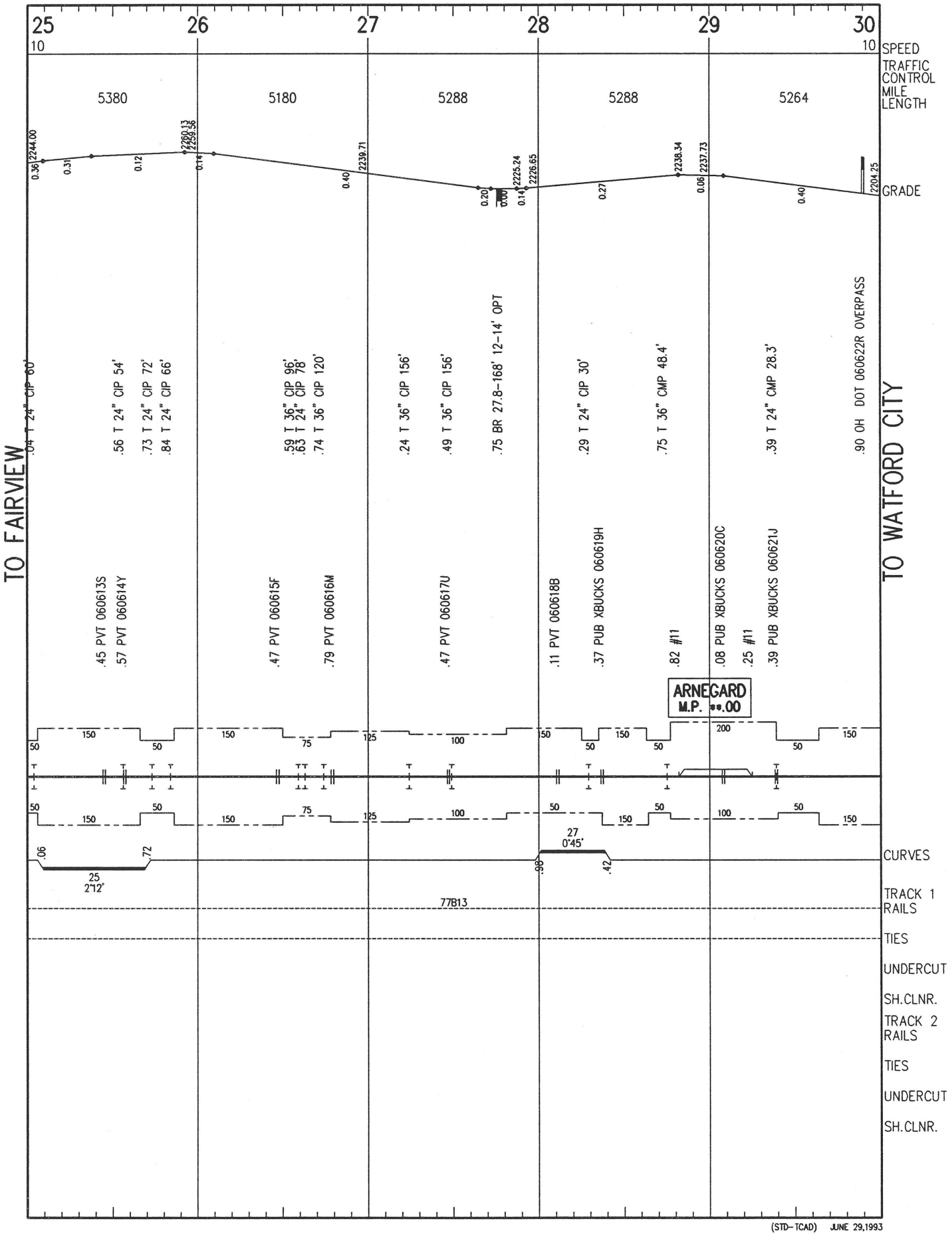
(STD-TCAD) JUNE 29,1993



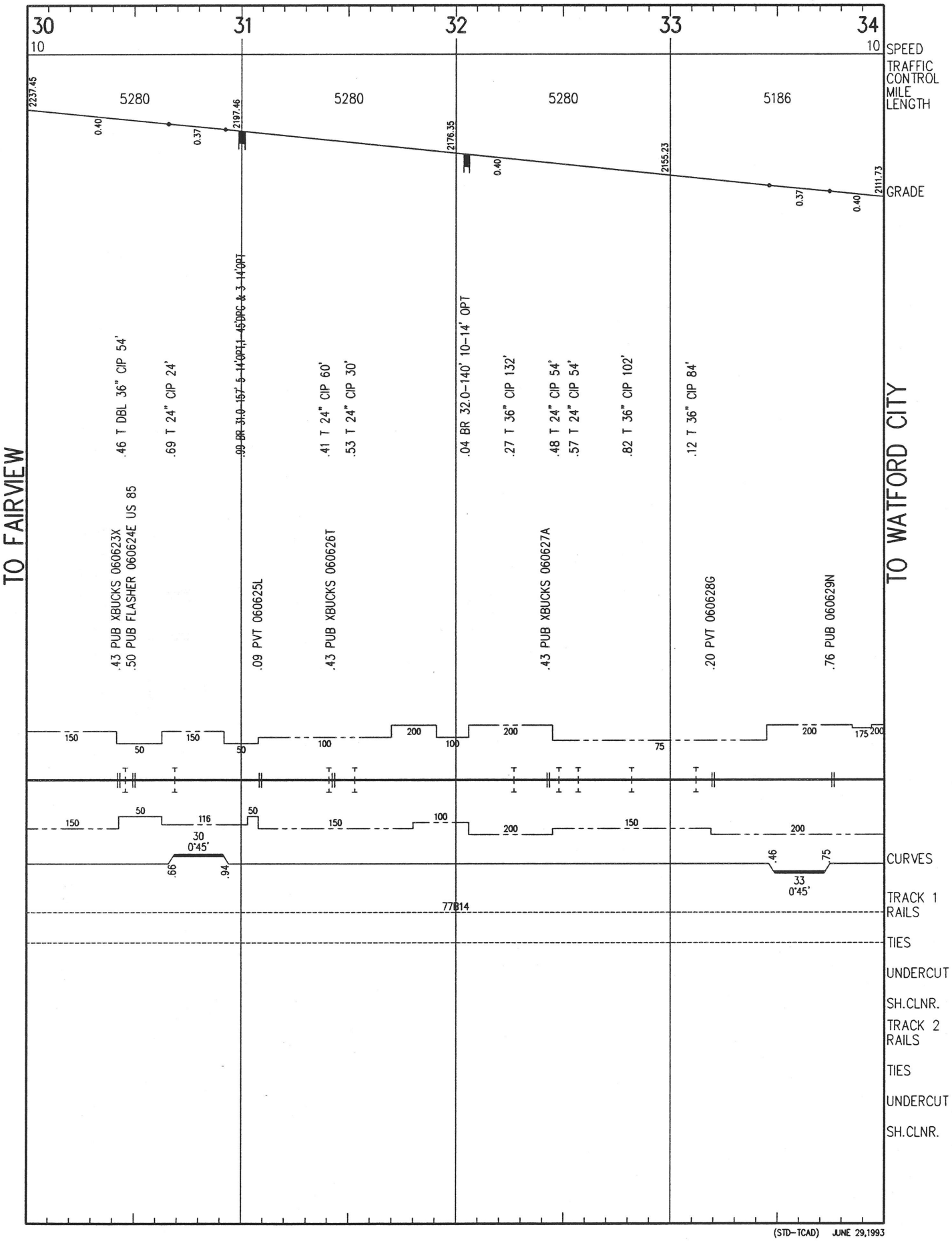
(STD-TCAD) JUNE 29,1993

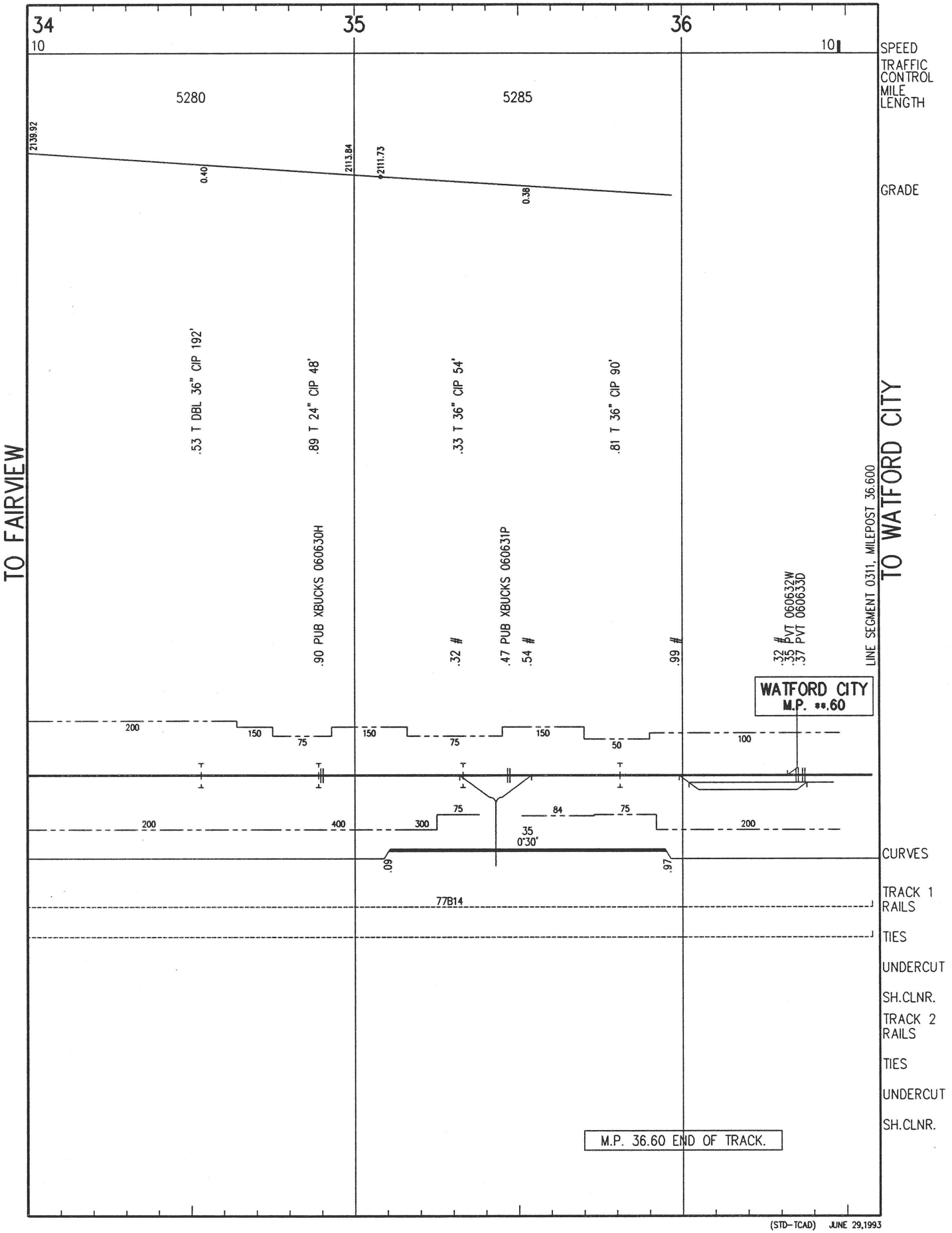


(STD-TCAD) JUNE 29,1993



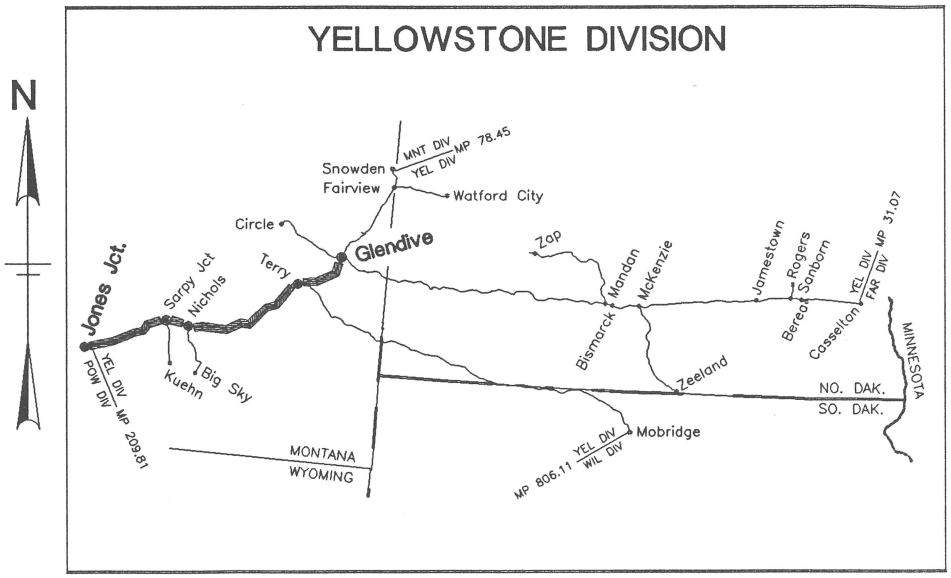
(STD-TCAD) JUNE 29,1993

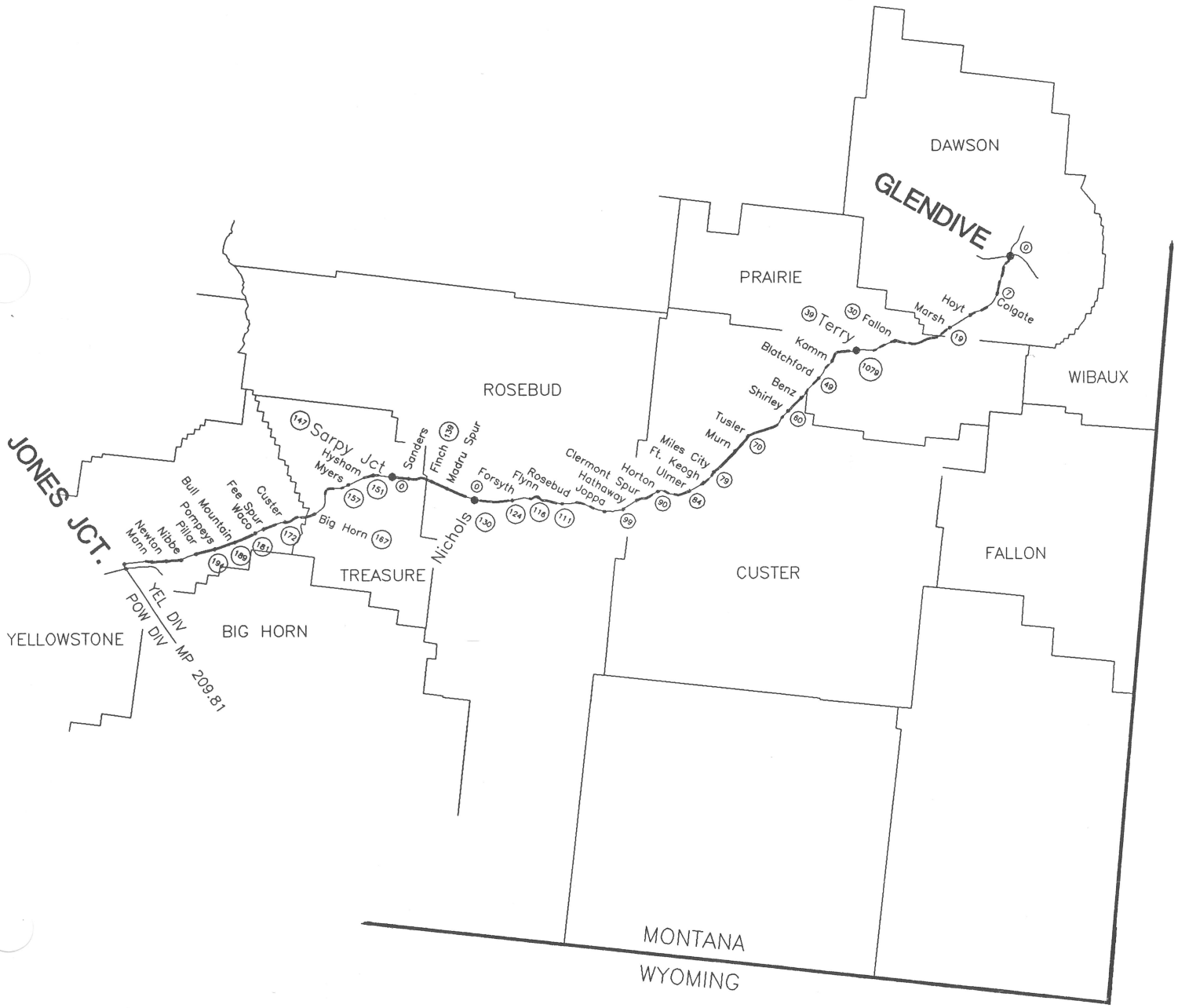

30
31
32
33
34
10
10
SPEED
TRAFFIC CONTROL
MILE LENGTH
GRADE
5280
5280
5280
5186
2237.45
2197.46
2176.35
2155.23
2111.73
0.40
0.37
0.40
0.37
0.40
TO FAIRVIEW
TO WATFORD CITY
.43 PUB XBUCKS 060623X
.50 PUB FLASHER 060624E US 85
.46 T DBL 36" CIP 54'
.69 T 24" CIP 24'
.09 BR 31.0-157.5-14'OPT,1-45DRG & 3-14'OPT
.09 PVT 060625L
.41 T 24" CIP 60'
.53 T 24" CIP 30'
.43 PUB XBUCKS 060626T
.04 BR 32.0-140' 10-14' OPT
.27 T 36" CIP 132'
.48 T 24" CIP 54'
.57 T 24" CIP 54'
.82 T 36" CIP 102'
.43 PUB XBUCKS 060627A
.12 T 36" CIP 84'
.20 PVT 060628G
.76 PUB 060629N
150
50
150
50
100
200
100
200
75
200
175
200
150
50
116
50
150
100
200
150
200
30
0°45'
.66
.94
.46
75
33
0°45'
CURVES
77814
TRACK 1 RAILS
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
(STD-TCAD) JUNE 29,1993

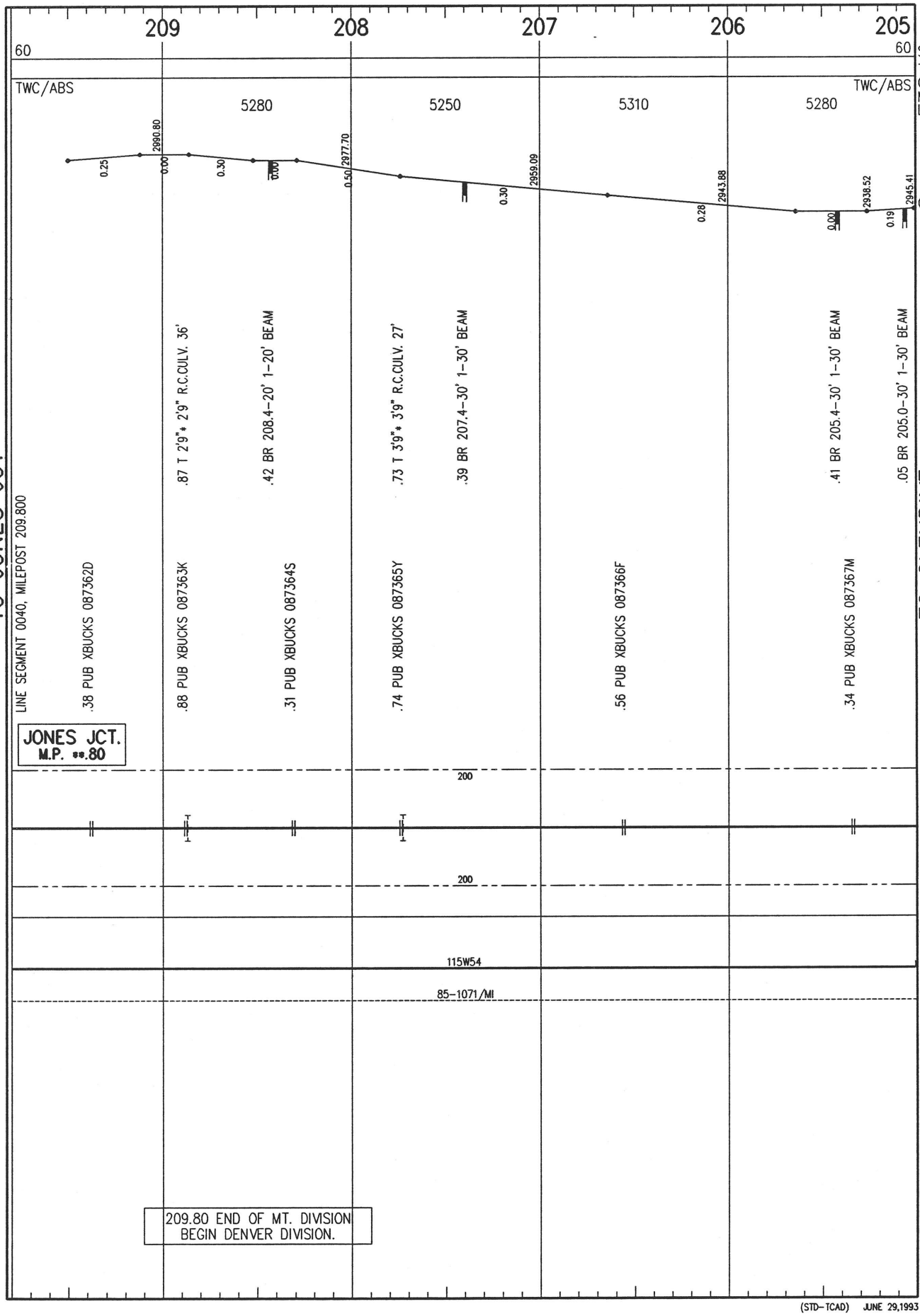

34
35
36
10
10
SPEED
TRAFFIC CONTROL
MILE LENGTH
5280
5285
2139.92
2113.84
2111.73
0.40
0.38
GRADE
TO FAIRVIEW
TO WATFORD CITY
.53 T DBL 36" CIP 192'
.89 T 24" CIP 48'
.33 T 36" CIP 54'
.81 T 36" CIP 90'
.90 PUB XBUCKS 060630H
.32 #
.47 PUB XBUCKS 060631P
.54 #
.99 #
.32 #PVT 060632W
.35 PVT 060633D
.37 PVT 060633D
LINE SEGMENT 0311, MILEPOST 36.600
WATFORD CITY
M.P. **.60
200
150
75
150
75
150
50
100
200
400
300
75
84
75
200
35
0°30'
.09
.97
CURVES
77B14
TRACK 1 RAILS
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
M.P. 36.60 END OF TRACK.
(STD-TCAD) JUNE 29,1993

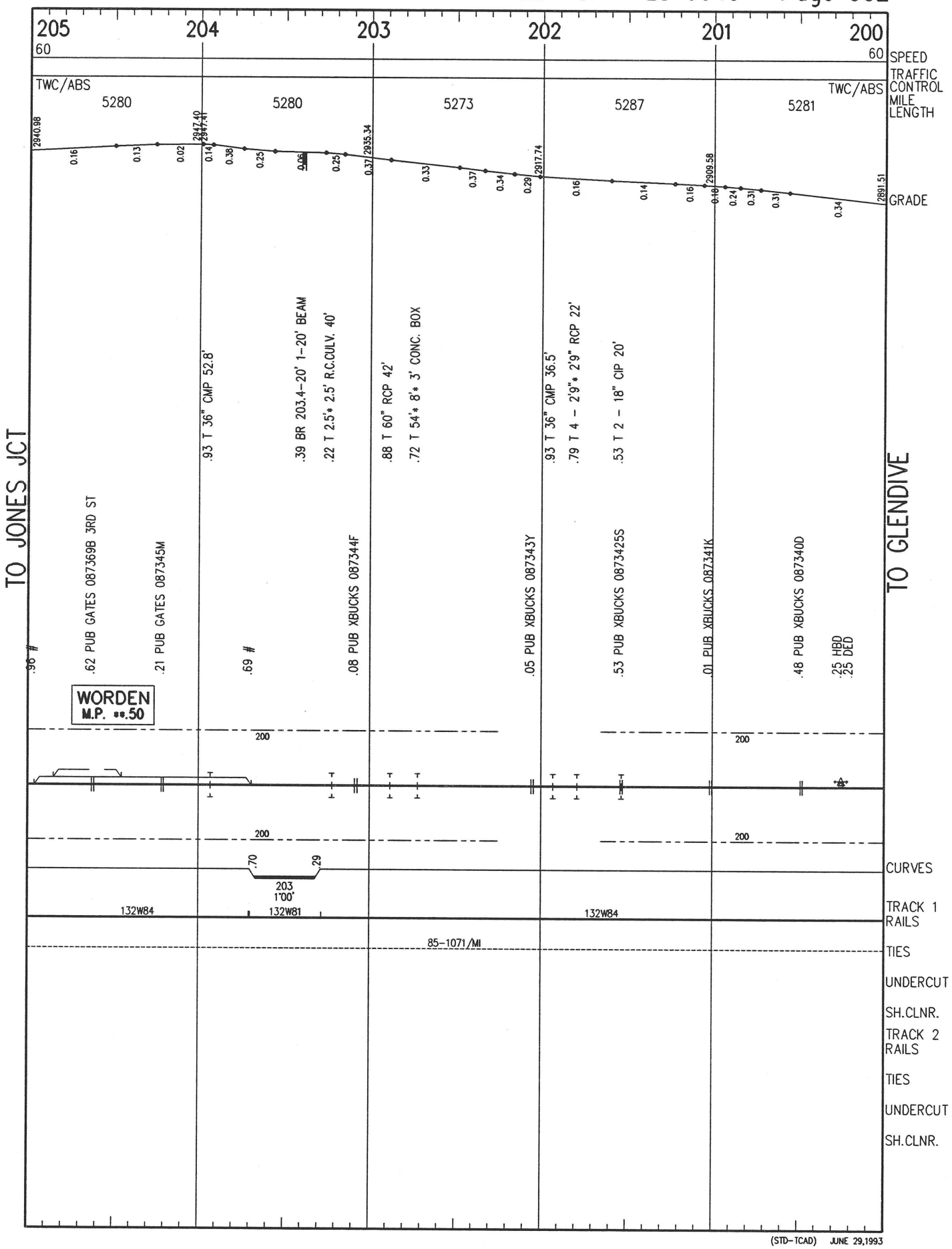
BURLINGTON NORTHERN
YELLOWSTONE DIVISION

FORSYTH SUBDIVISION

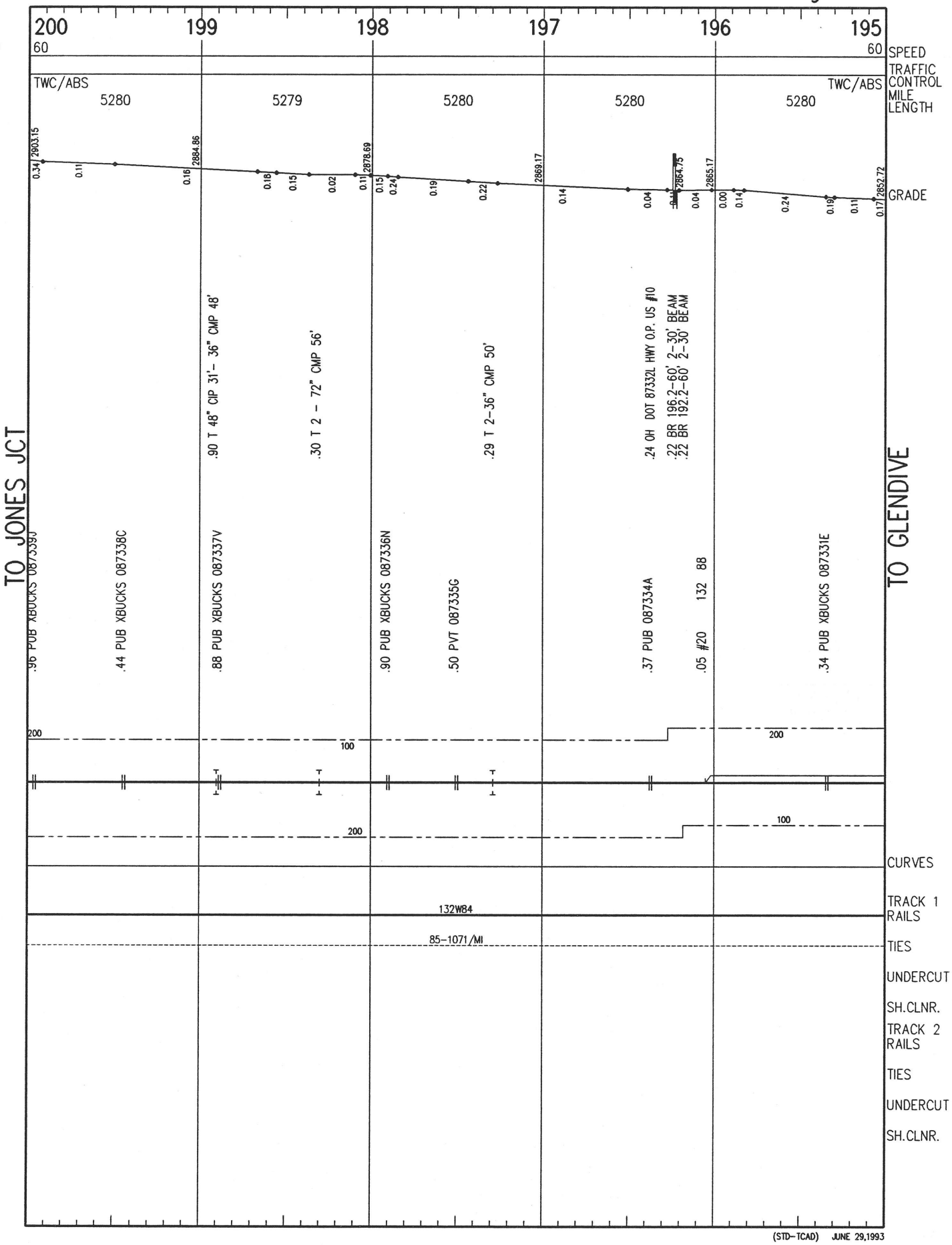




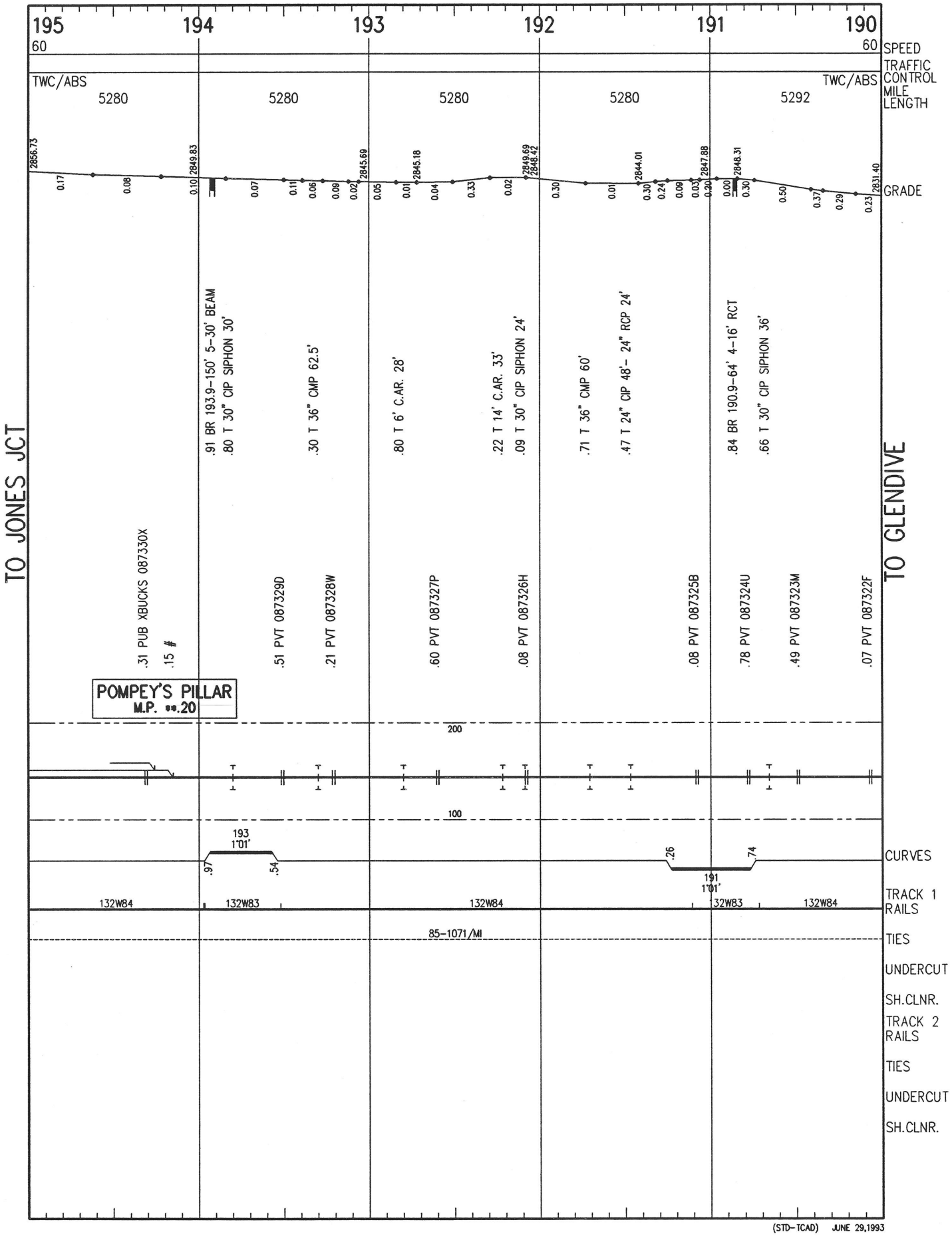

209
208
207
206
205
60
60
SPEED
TRAFFIC CONTROL
MILE LENGTH
TWC/ABS
TWC/ABS
5280
5250
5310
5280
2990.80
2977.70
2959.09
2943.88
2938.52
2945.41
0.25
0.00
0.30
0.00
0.50
0.30
0.28
0.00
0.19
GRADE
TO JONES JCT
LINE SEGMENT 0040, MILEPOST 209.800
.38 PUB XBUCKS 087362D
.87 T 2'9"x 2'9" R.C.CULV. 36'
.88 PUB XBUCKS 087363K
.42 BR 208.4-20' 1-20' BEAM
.31 PUB XBUCKS 087364S
.73 T 3'9"x 3'9" R.C.CULV. 27'
.74 PUB XBUCKS 087365Y
.39 BR 207.4-30' 1-30' BEAM
.56 PUB XBUCKS 087366F
.41 BR 205.4-30' 1-30' BEAM
.34 PUB XBUCKS 087367M
.05 BR 205.0-30' 1-30' BEAM
TO GLENDIVE
JONES JCT.
M.P. **.80
200
200
CURVES
115W54
TRACK 1 RAILS
85-1071/MI
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
209.80 END OF MT. DIVISION
BEGIN DENVER DIVISION.
(STD-TCAD) JUNE 29,1993



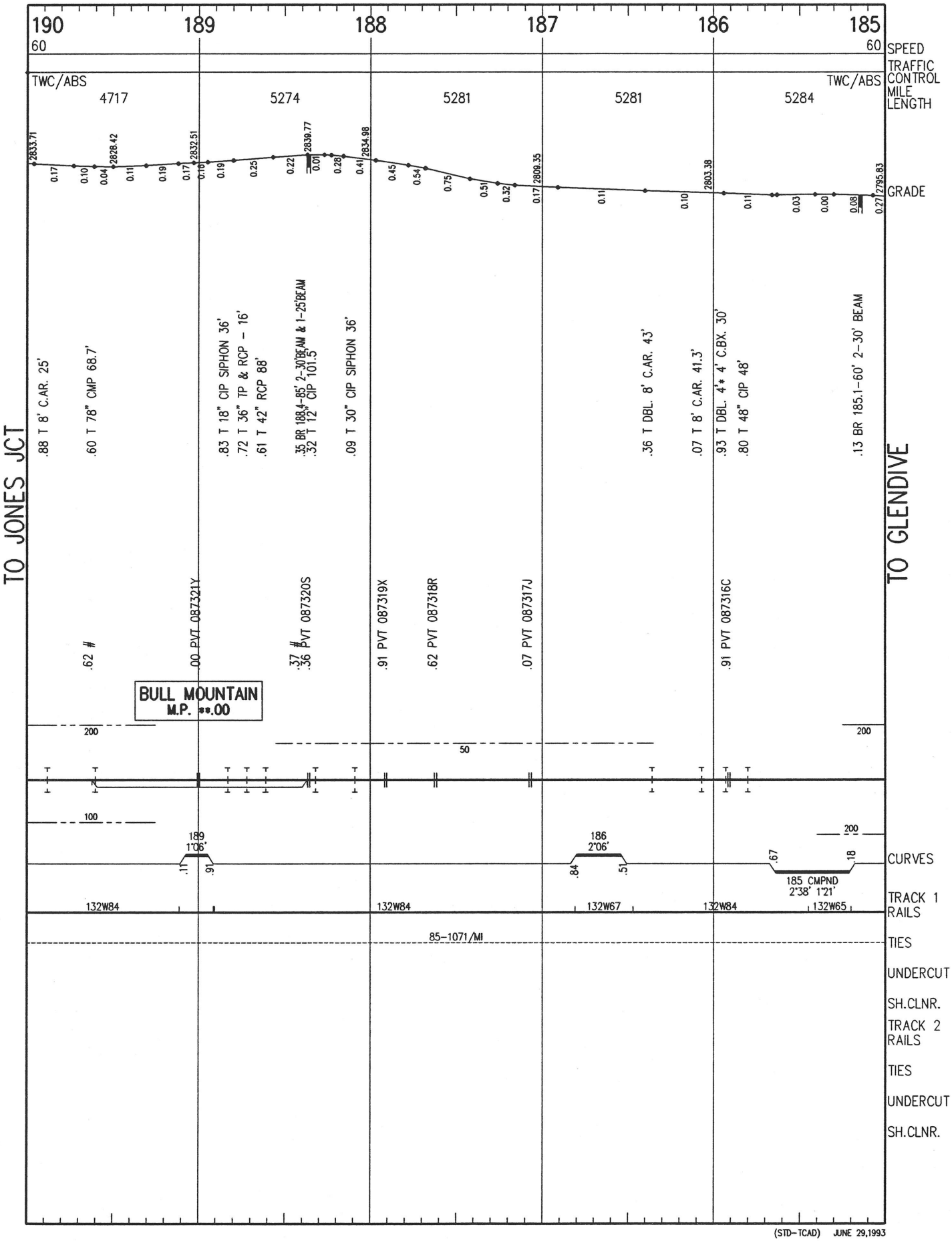
(STD-TCAD) JUNE 29,1993



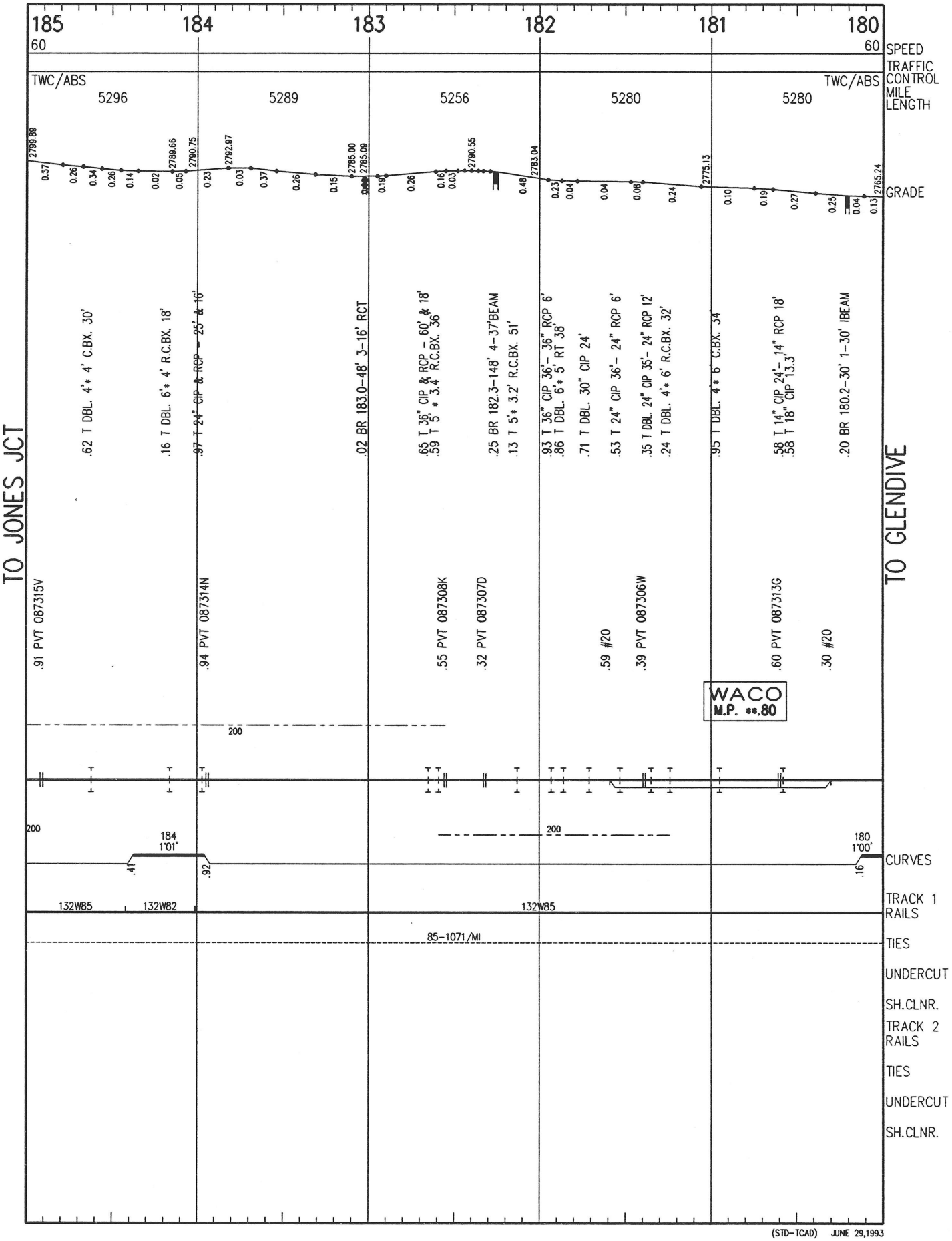
(STD-TCAD) JUNE 29,1993



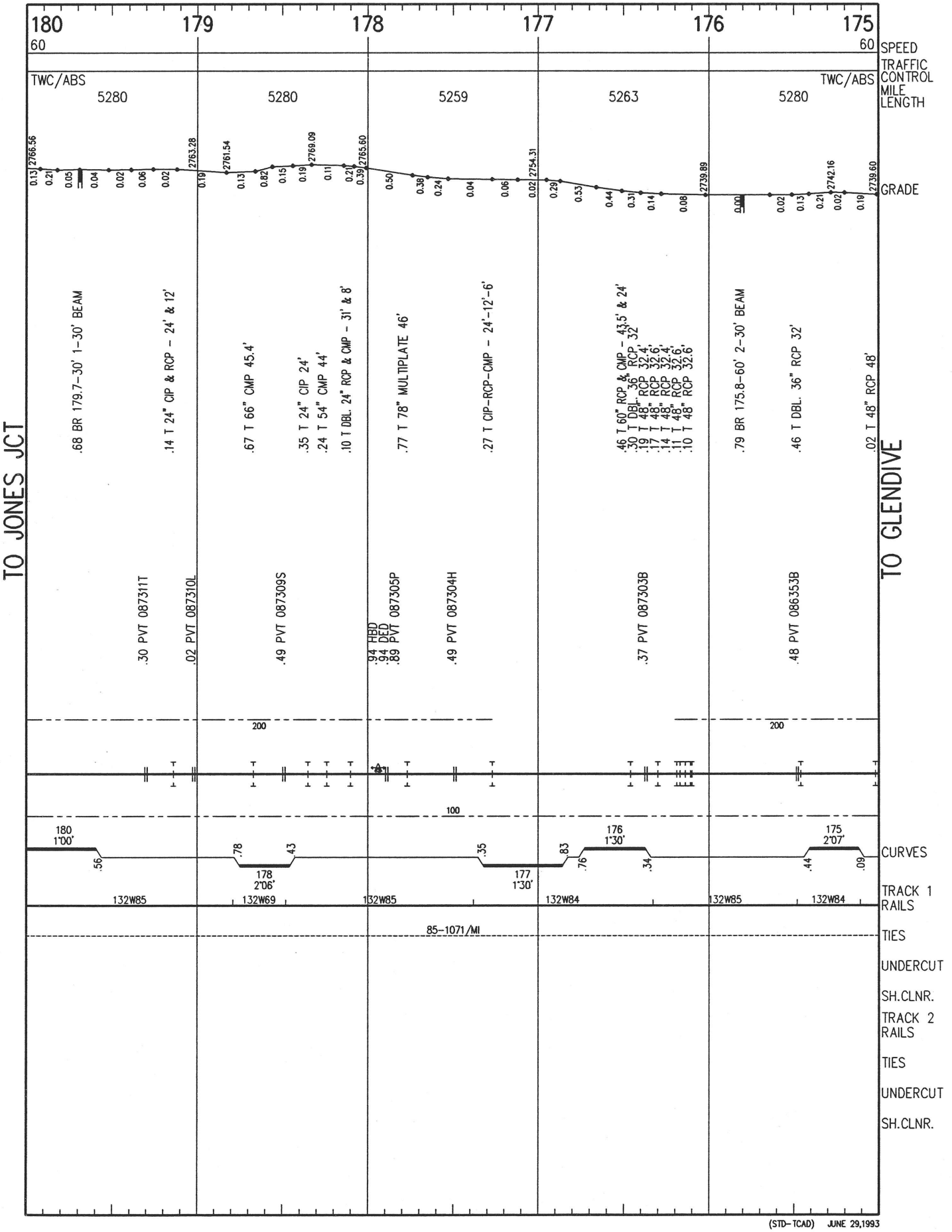
(STD-TCAD) JUNE 29,1993



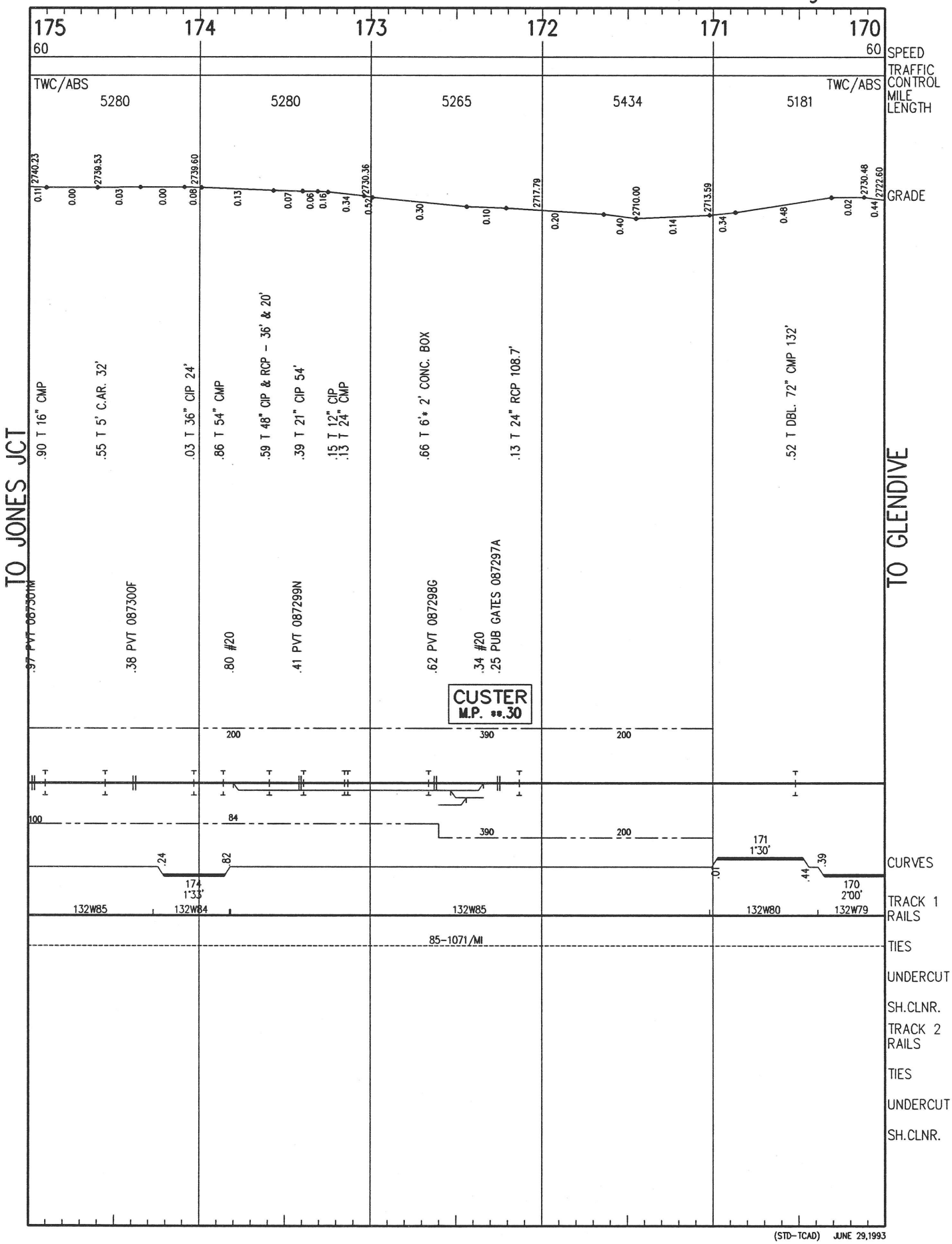
(STD-TCAD) JUNE 29,1993



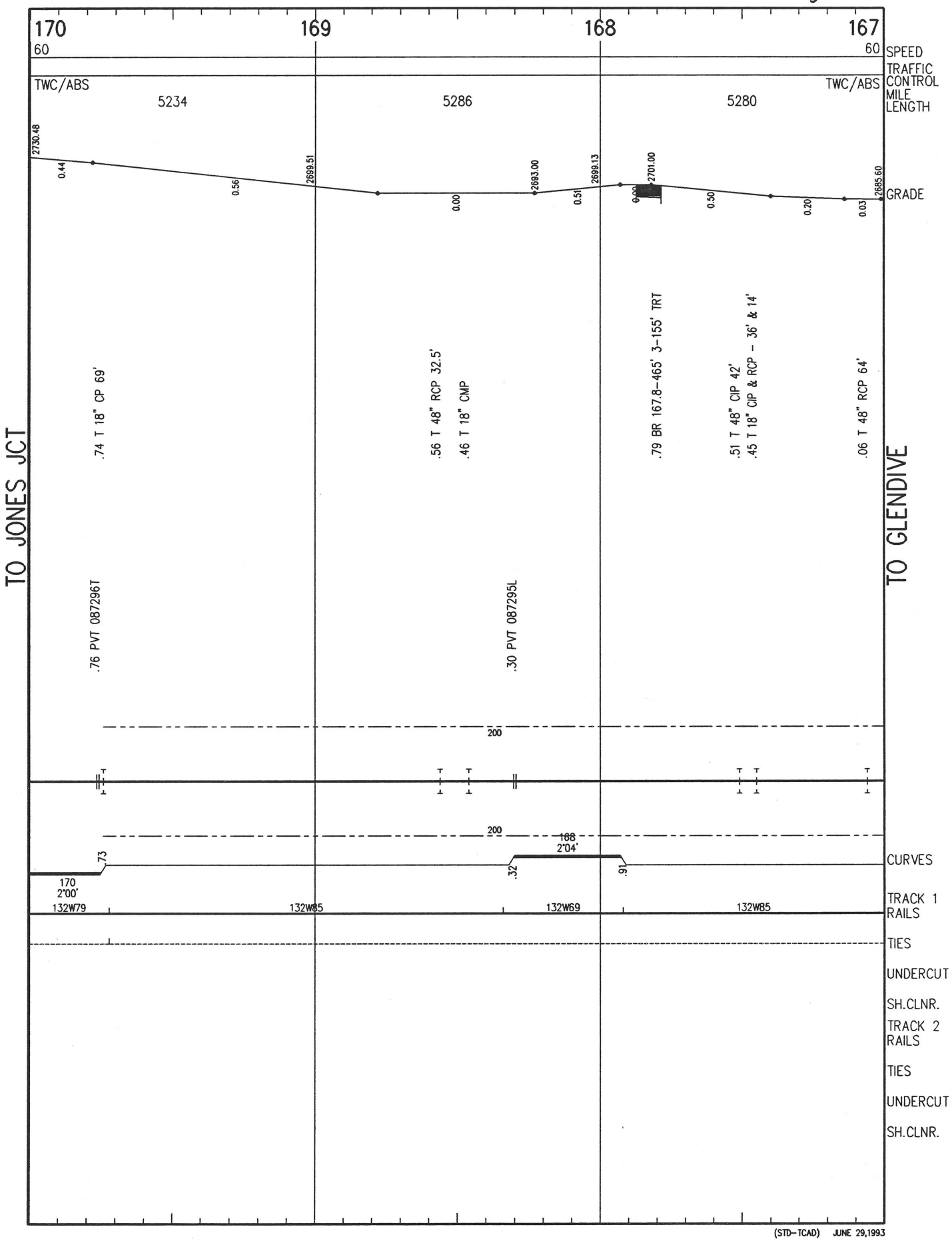
(STD-TCAD) JUNE 29,1993



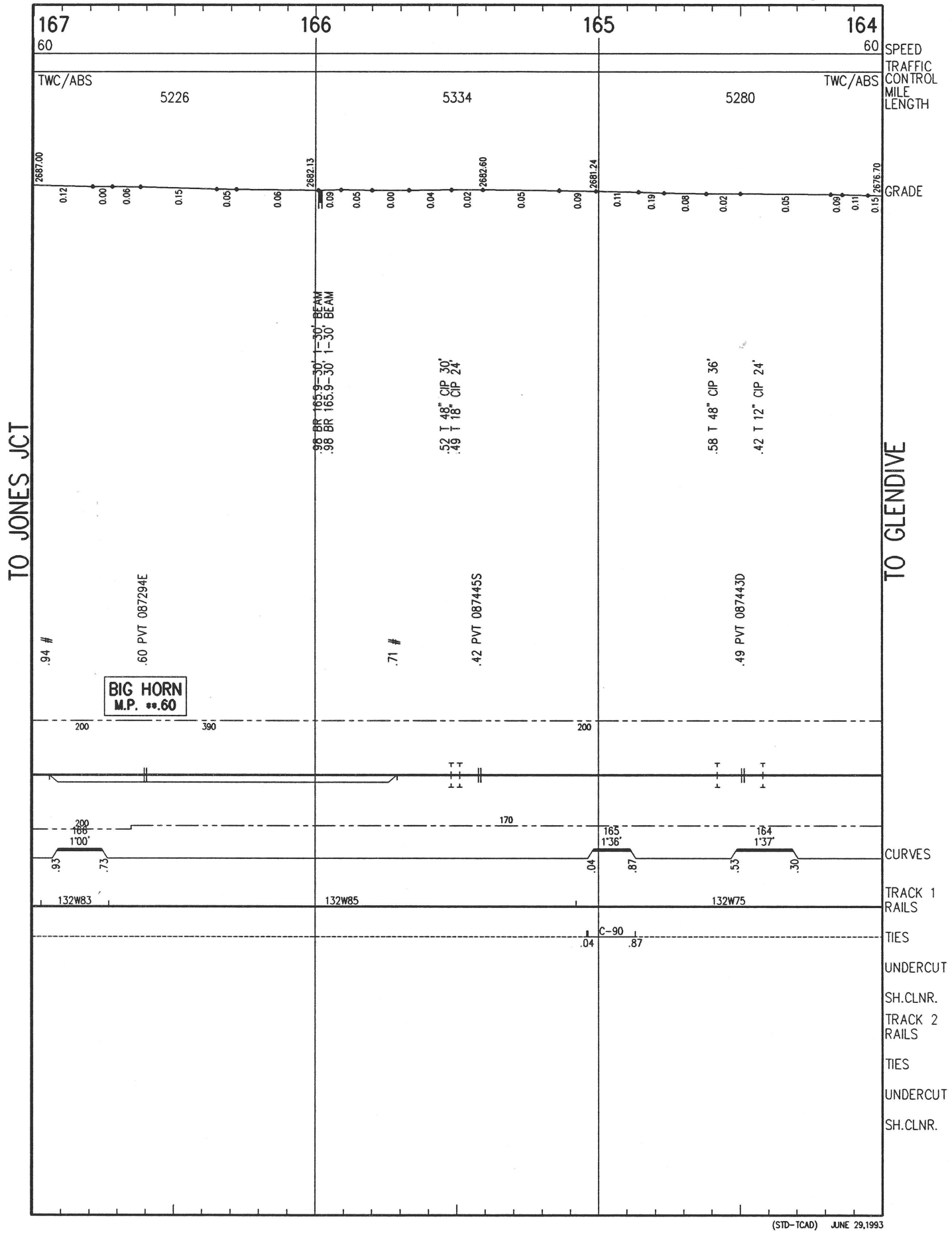
(STD-TCAD) JUNE 29,1993



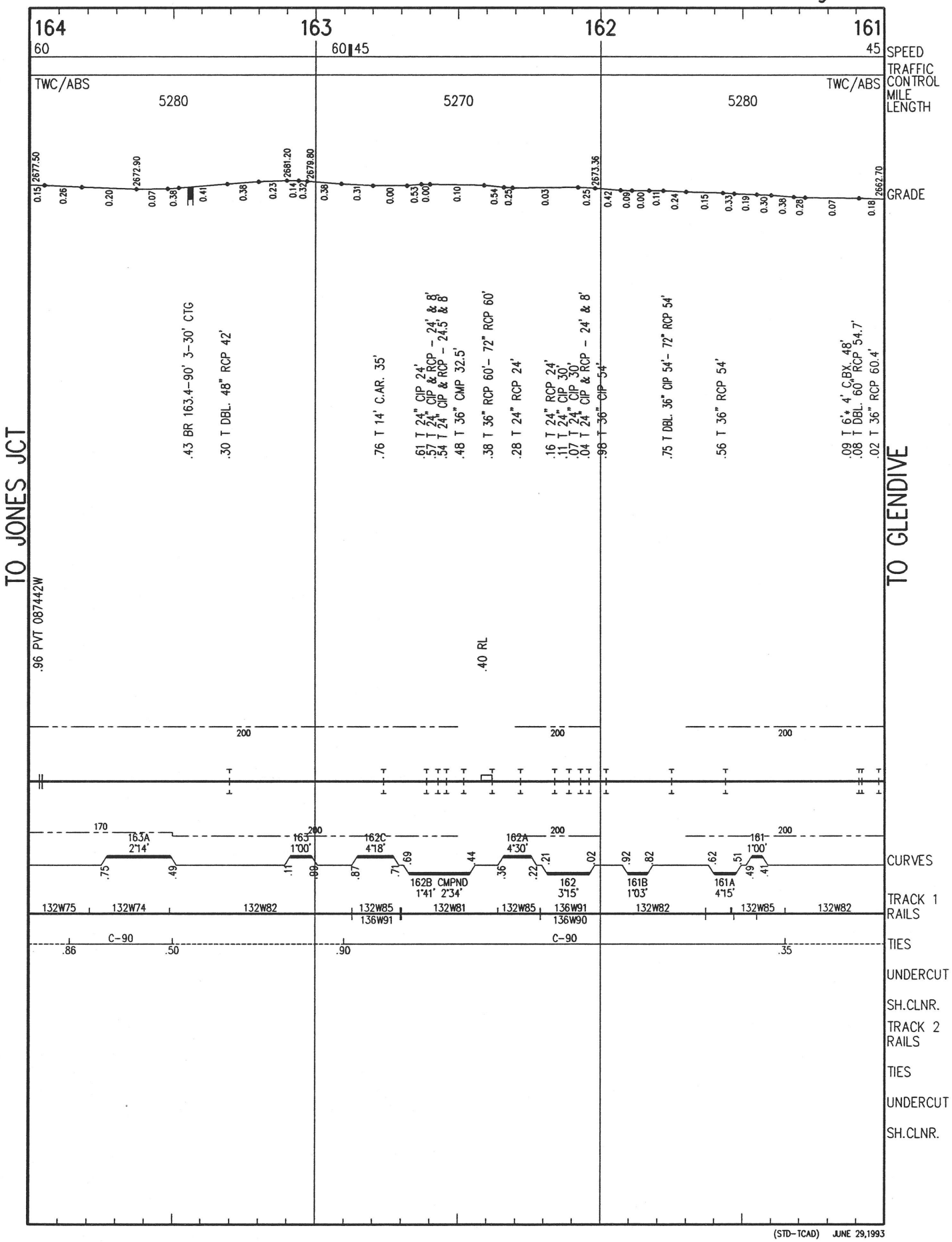
(STD-TCAD) JUNE 29,1993



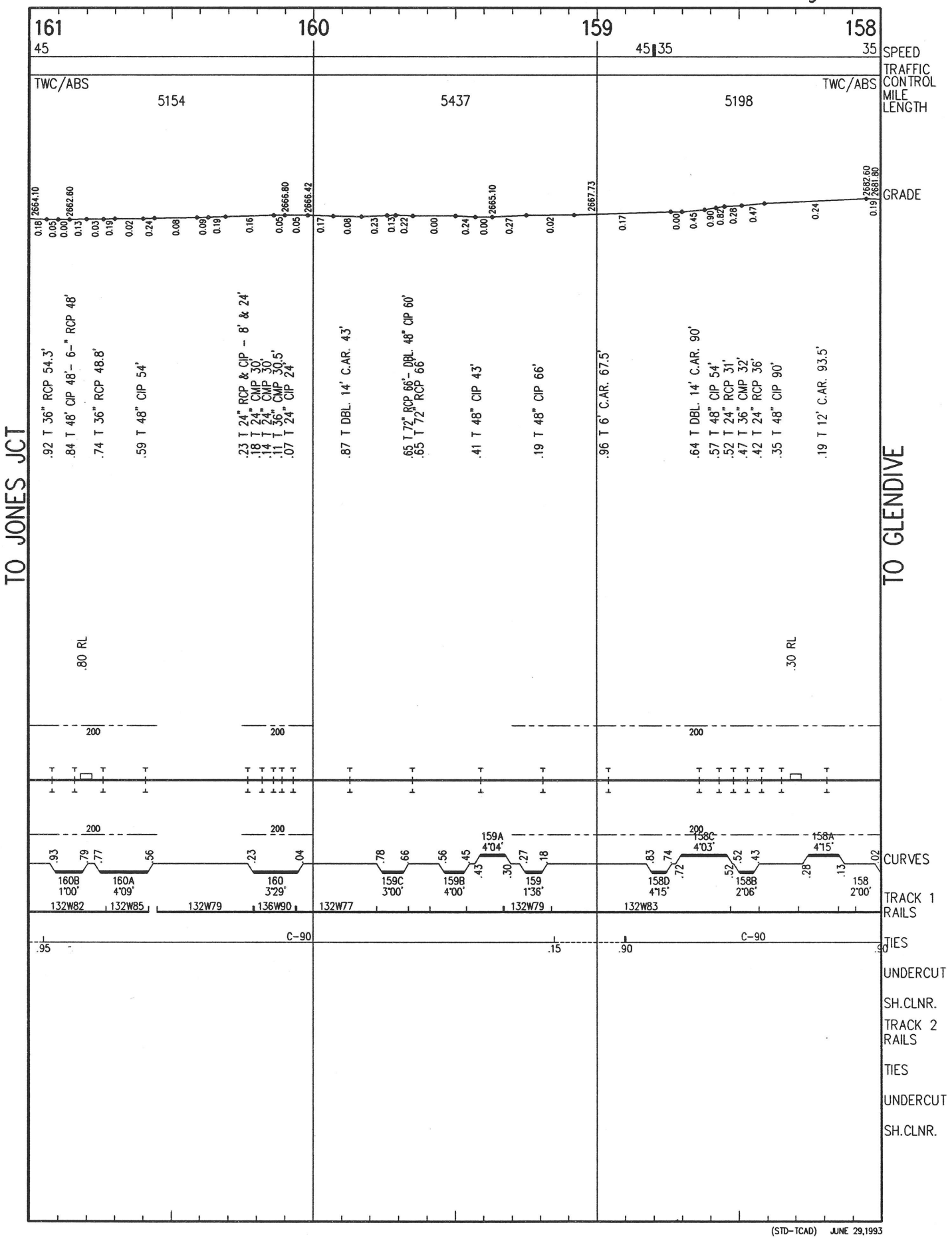
(STD-TCAD) JUNE 29,1993



(STD-TCAD) JUNE 29,1993



(STD-TCAD) JUNE 29,1993



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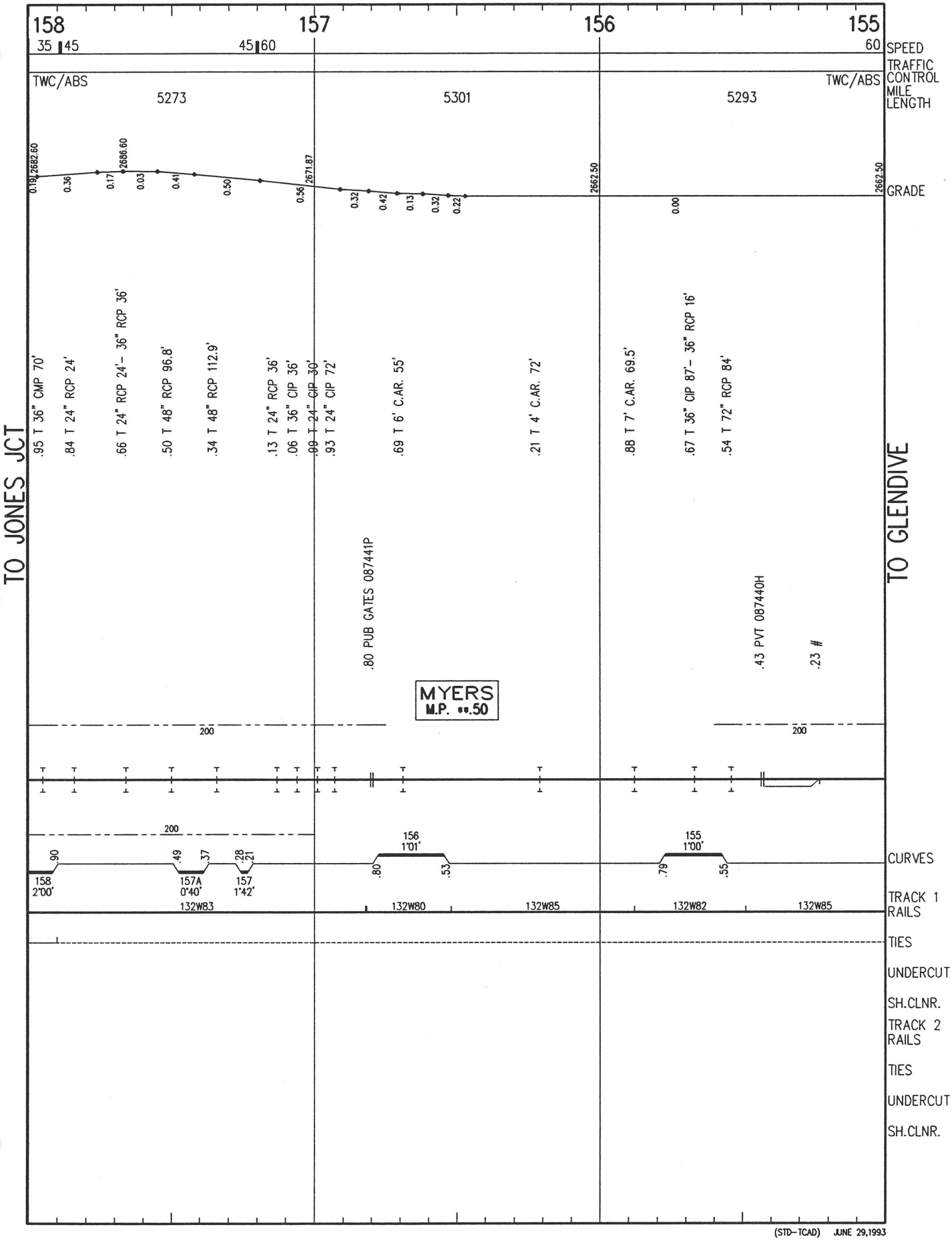

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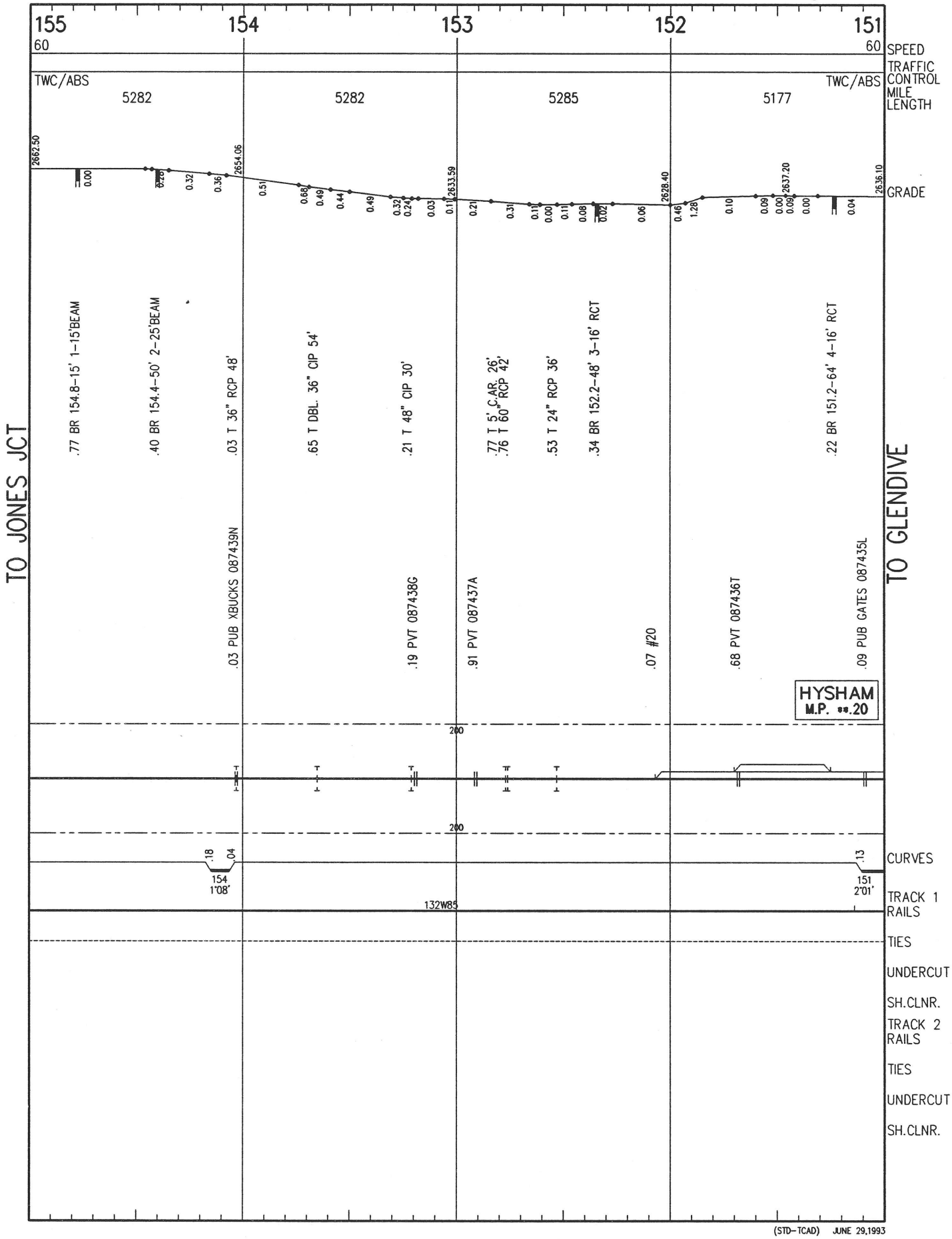

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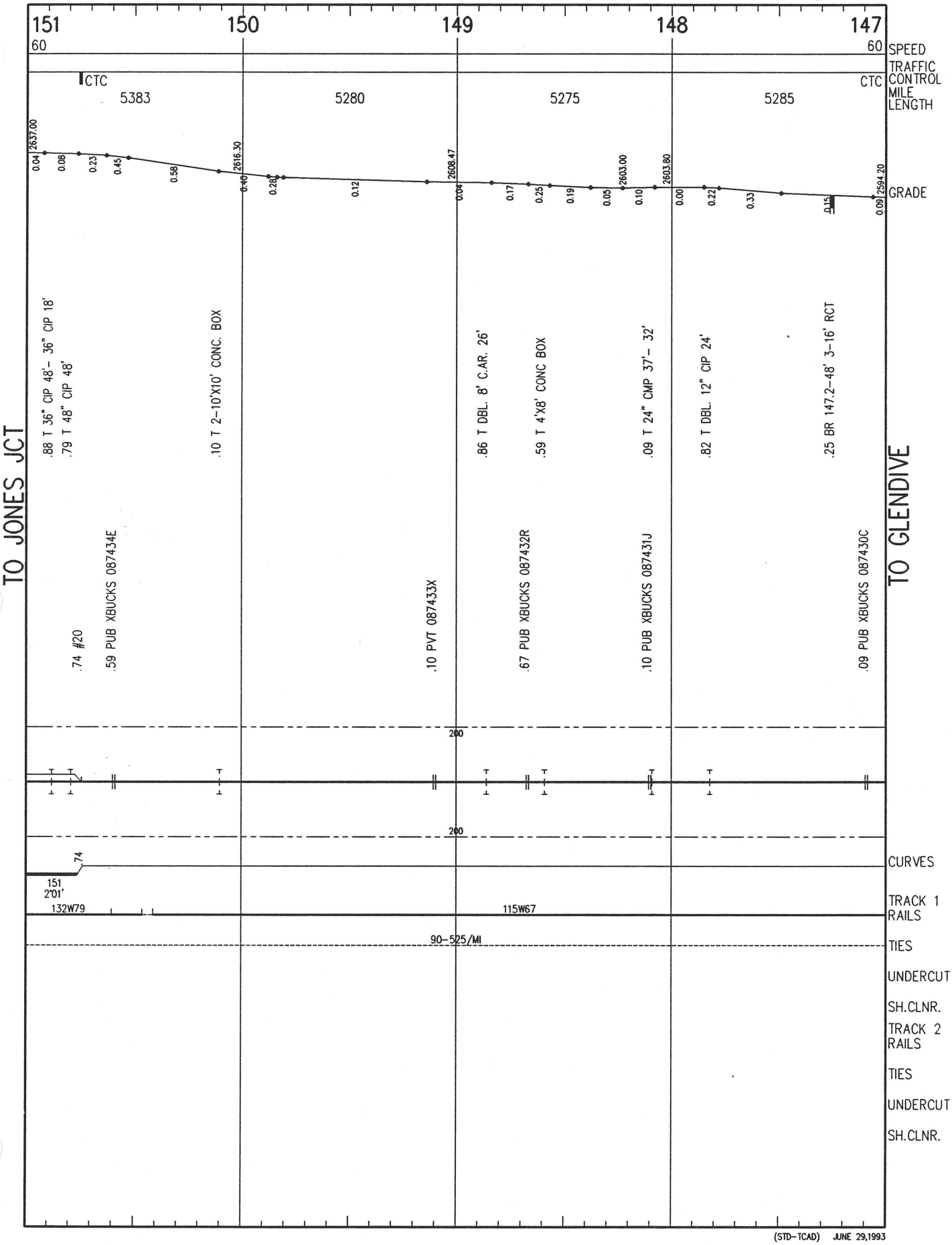

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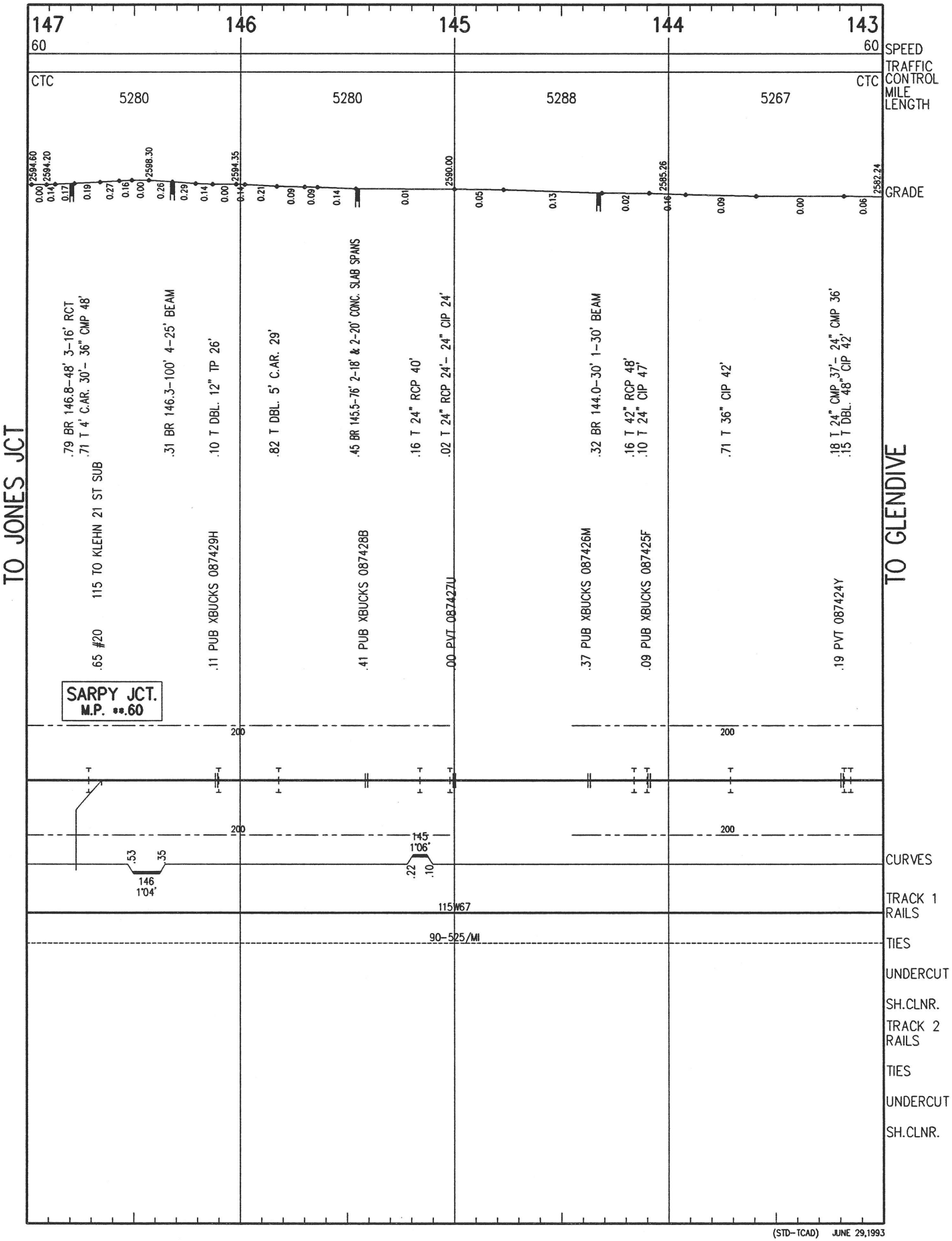

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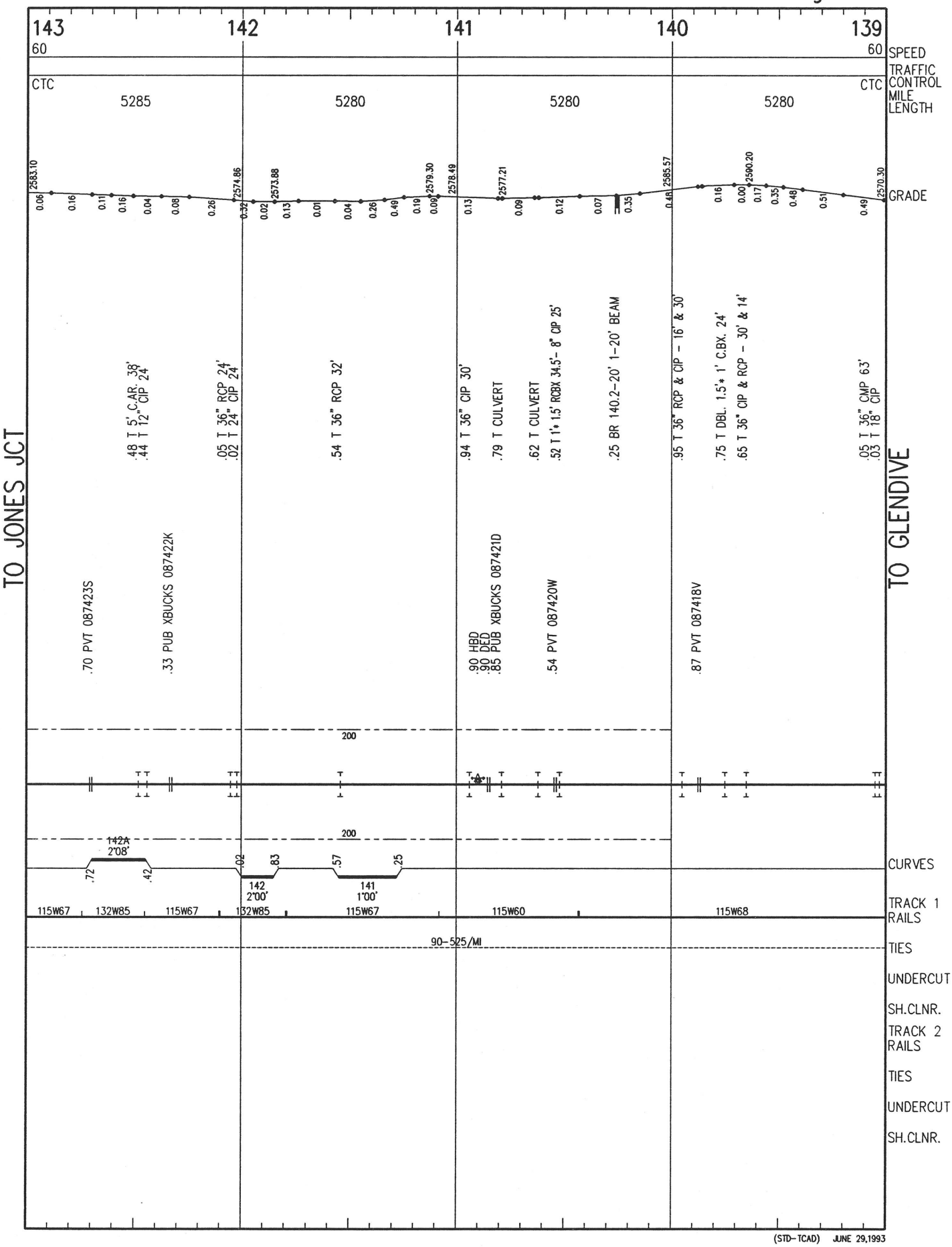

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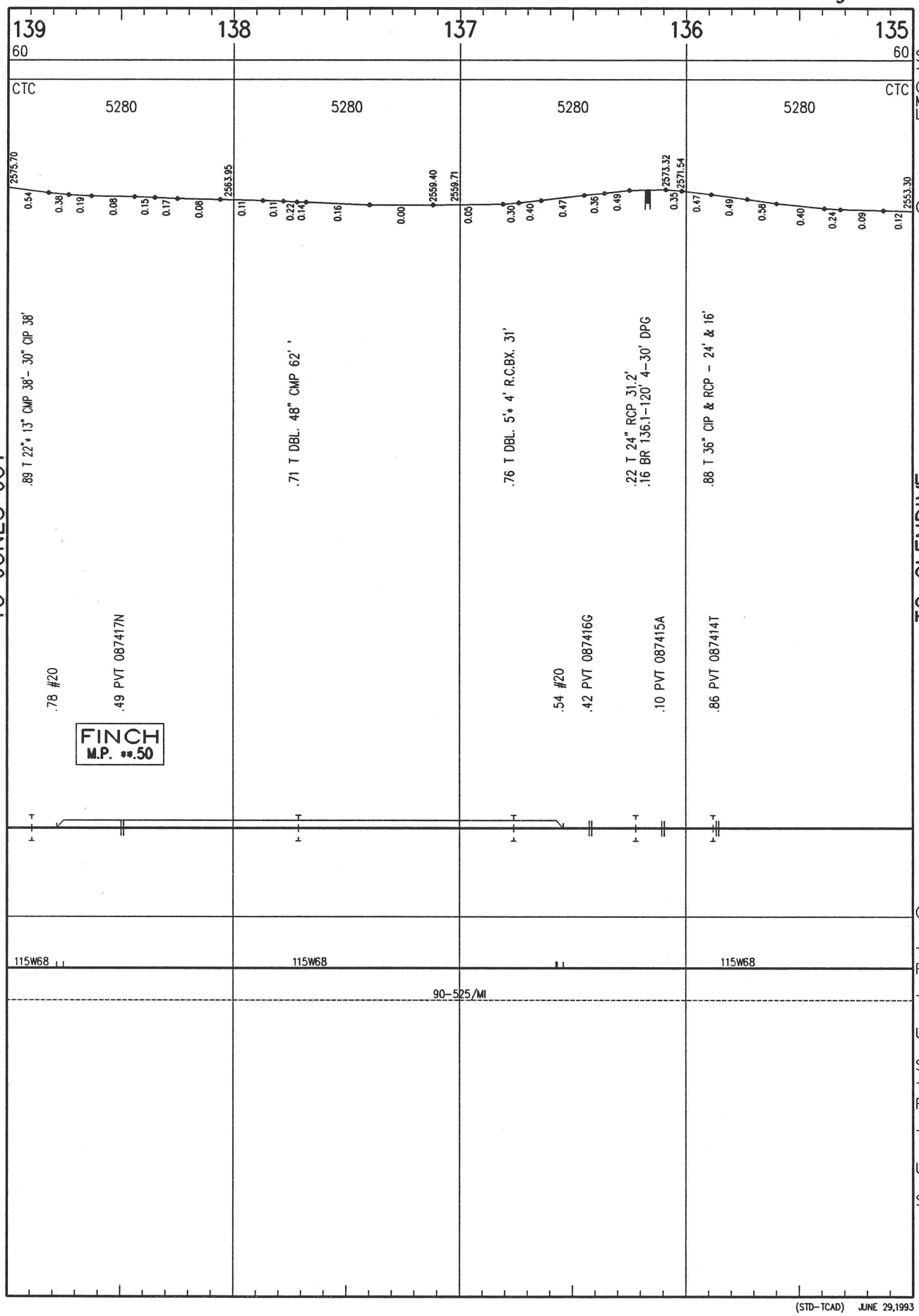

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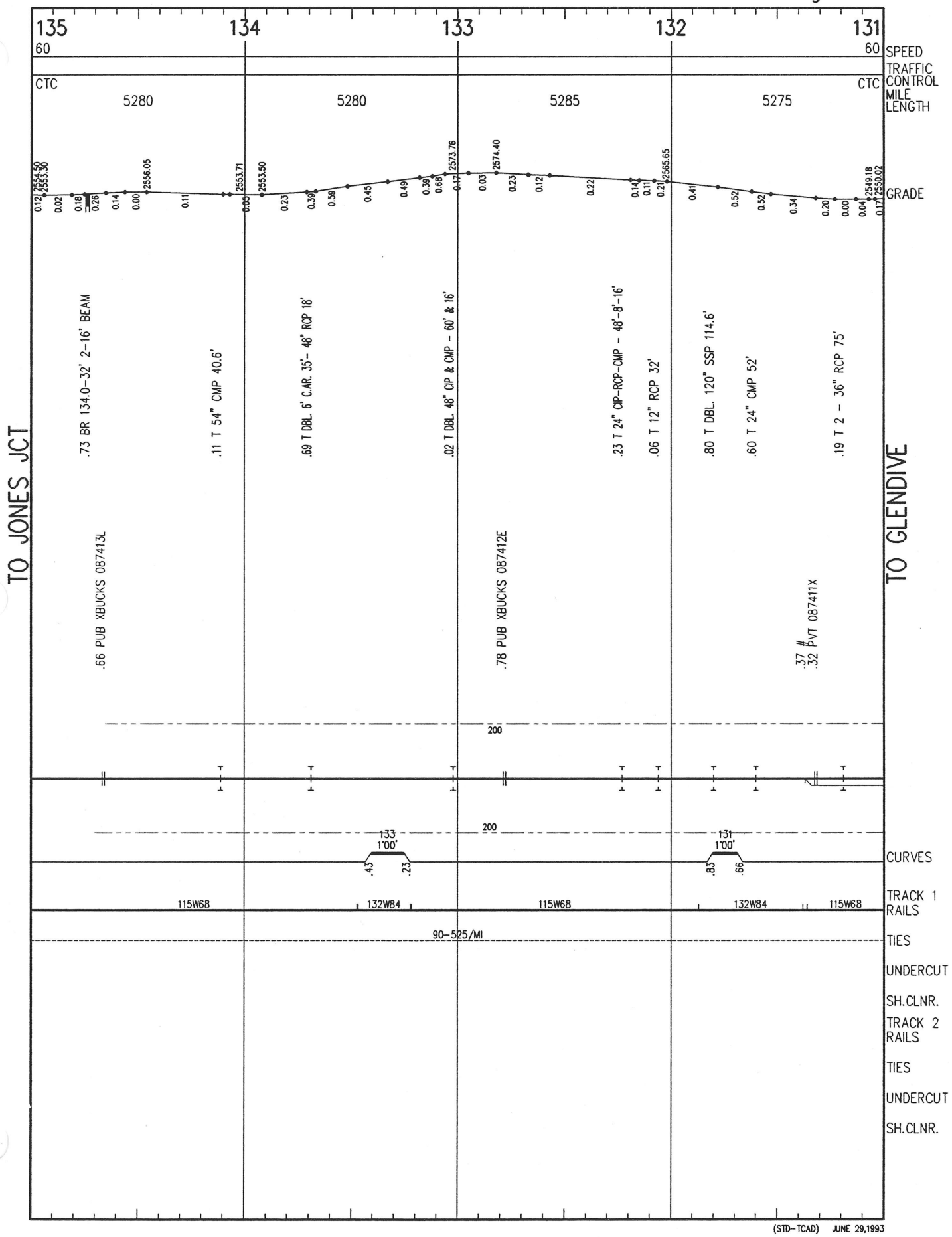

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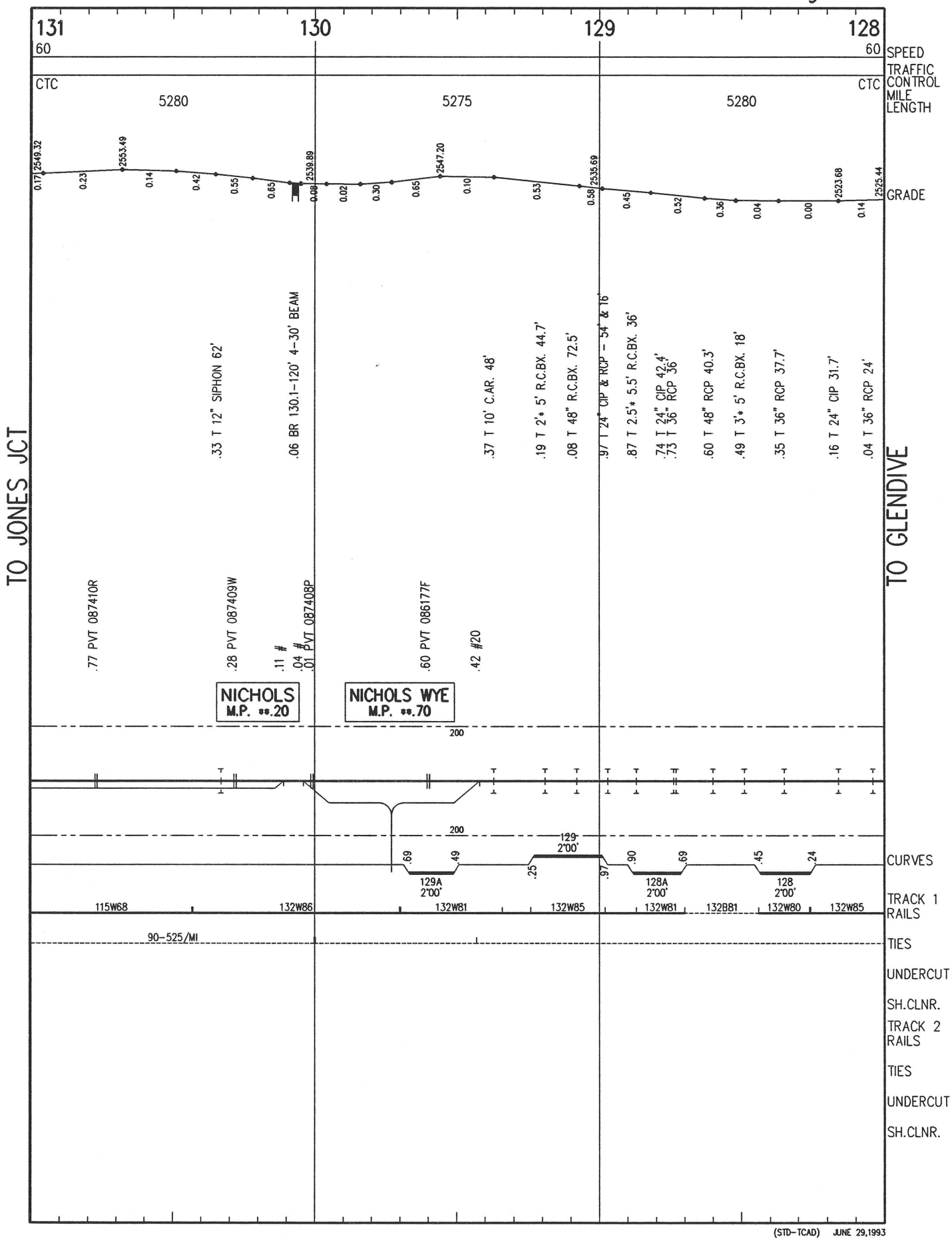

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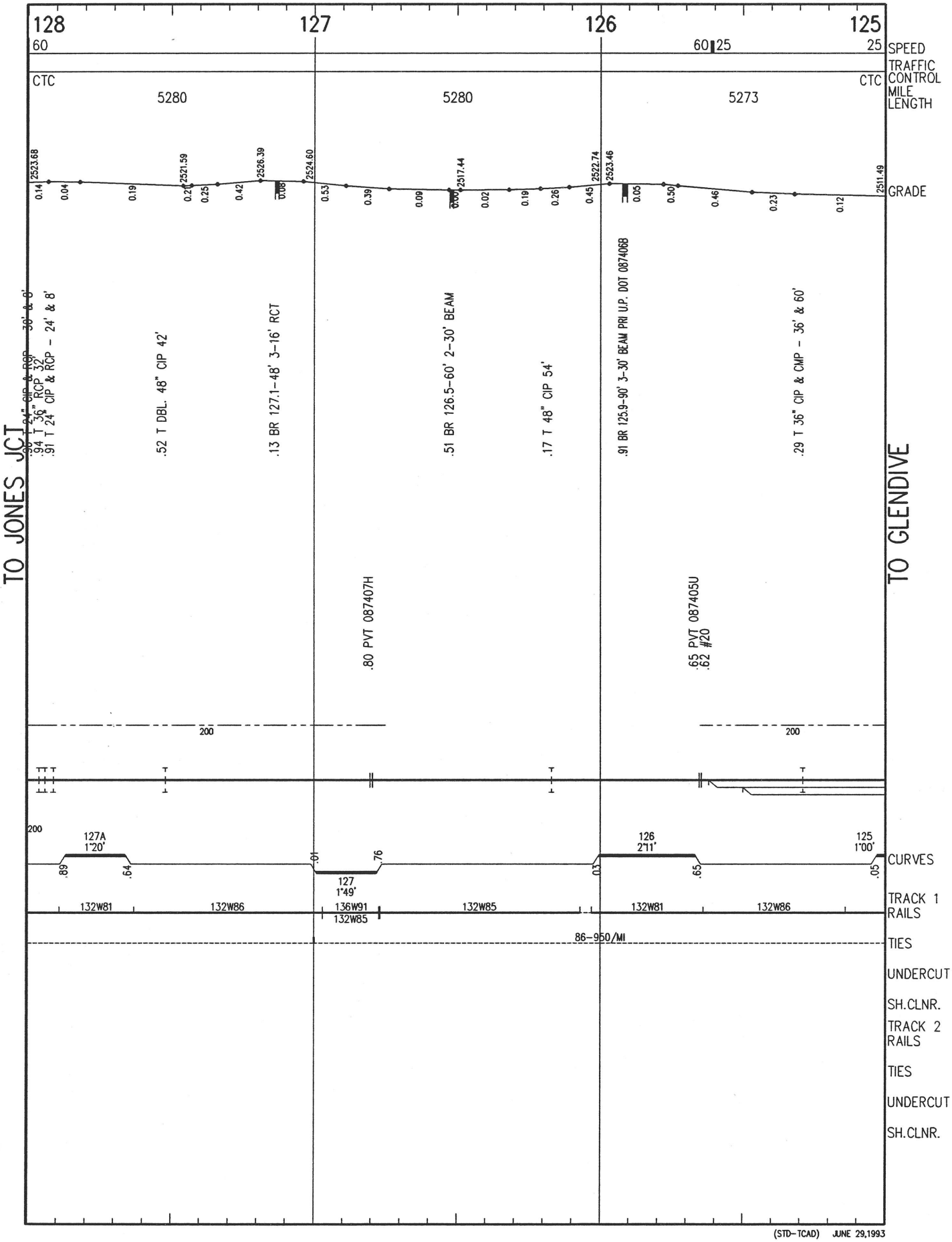

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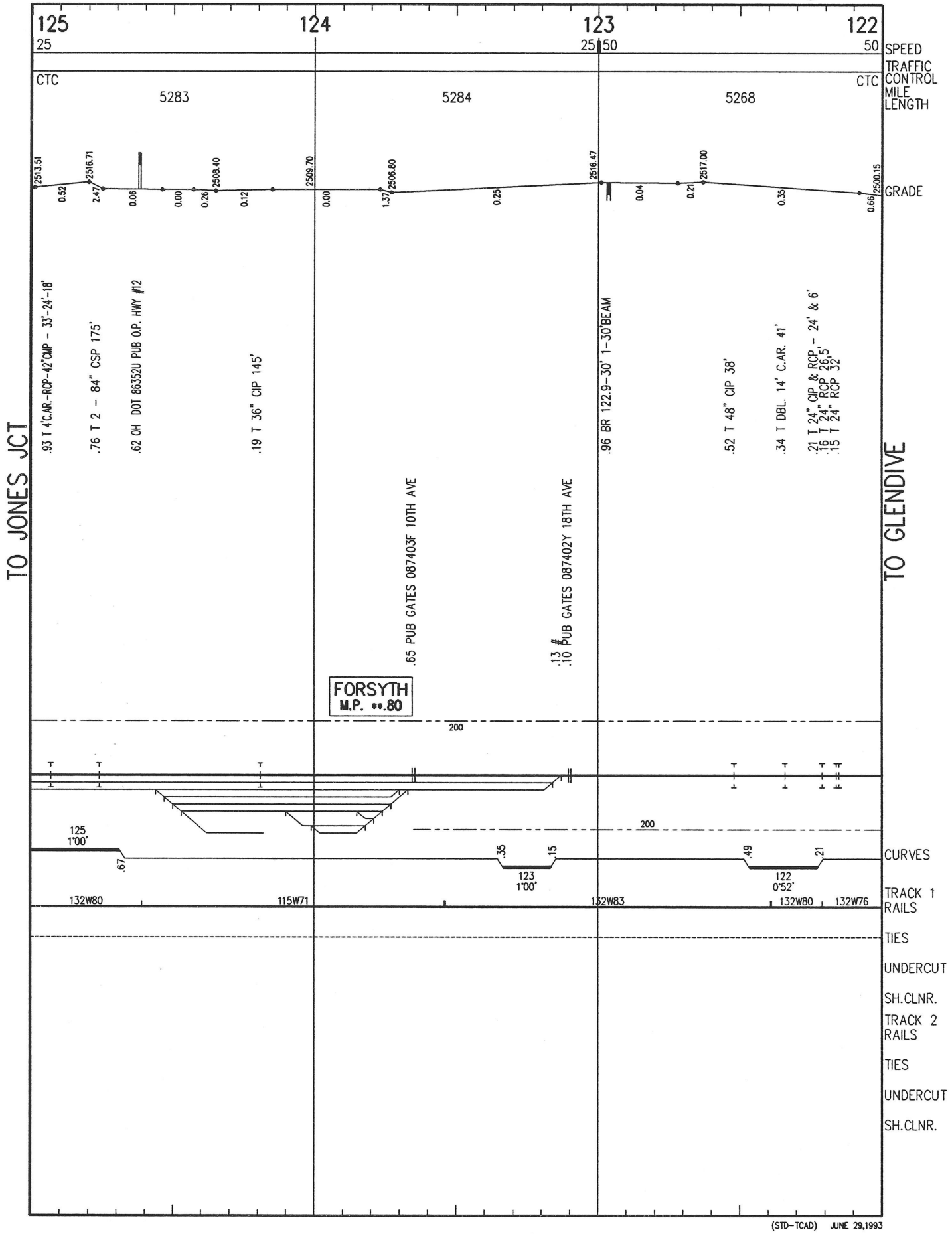

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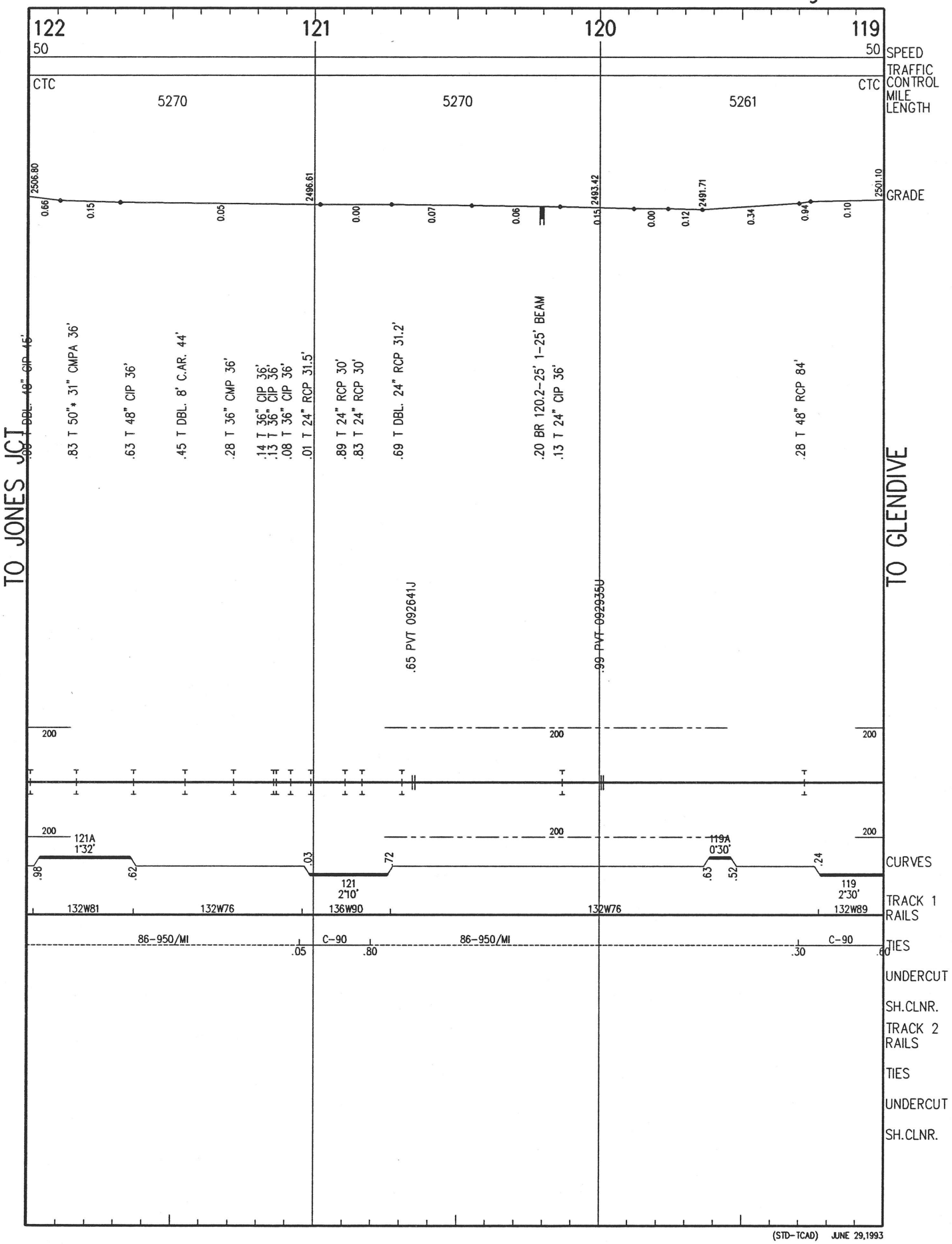

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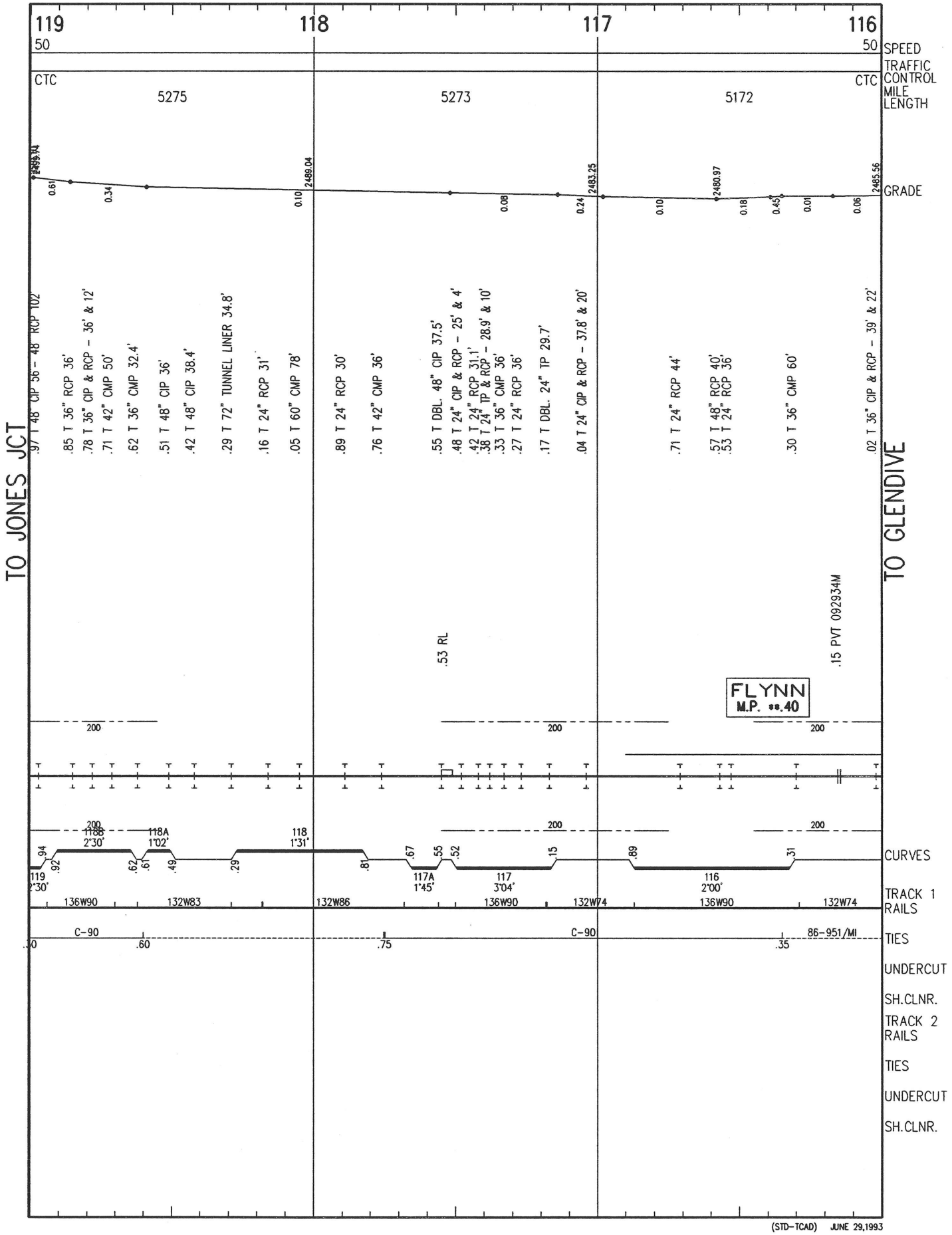

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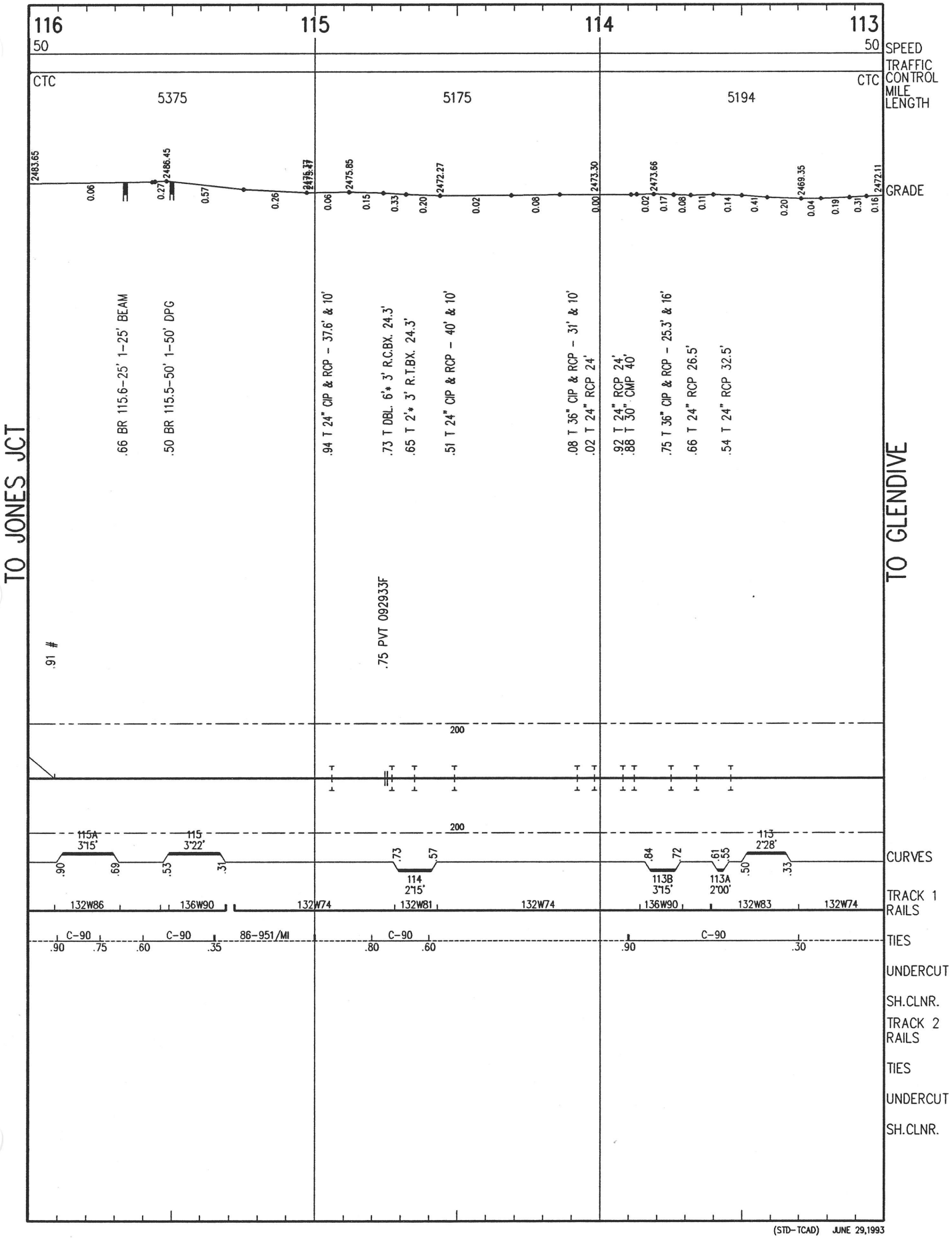

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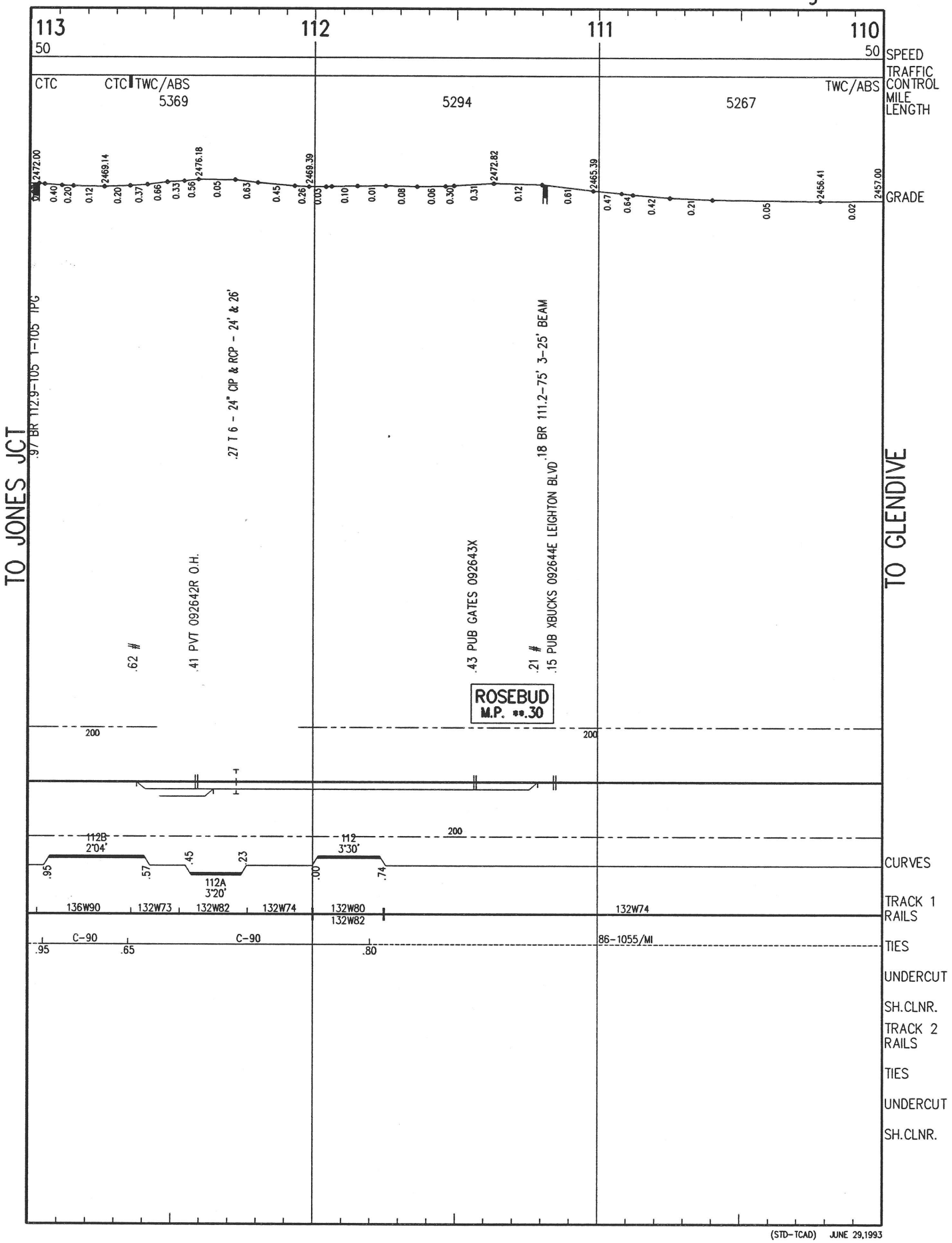

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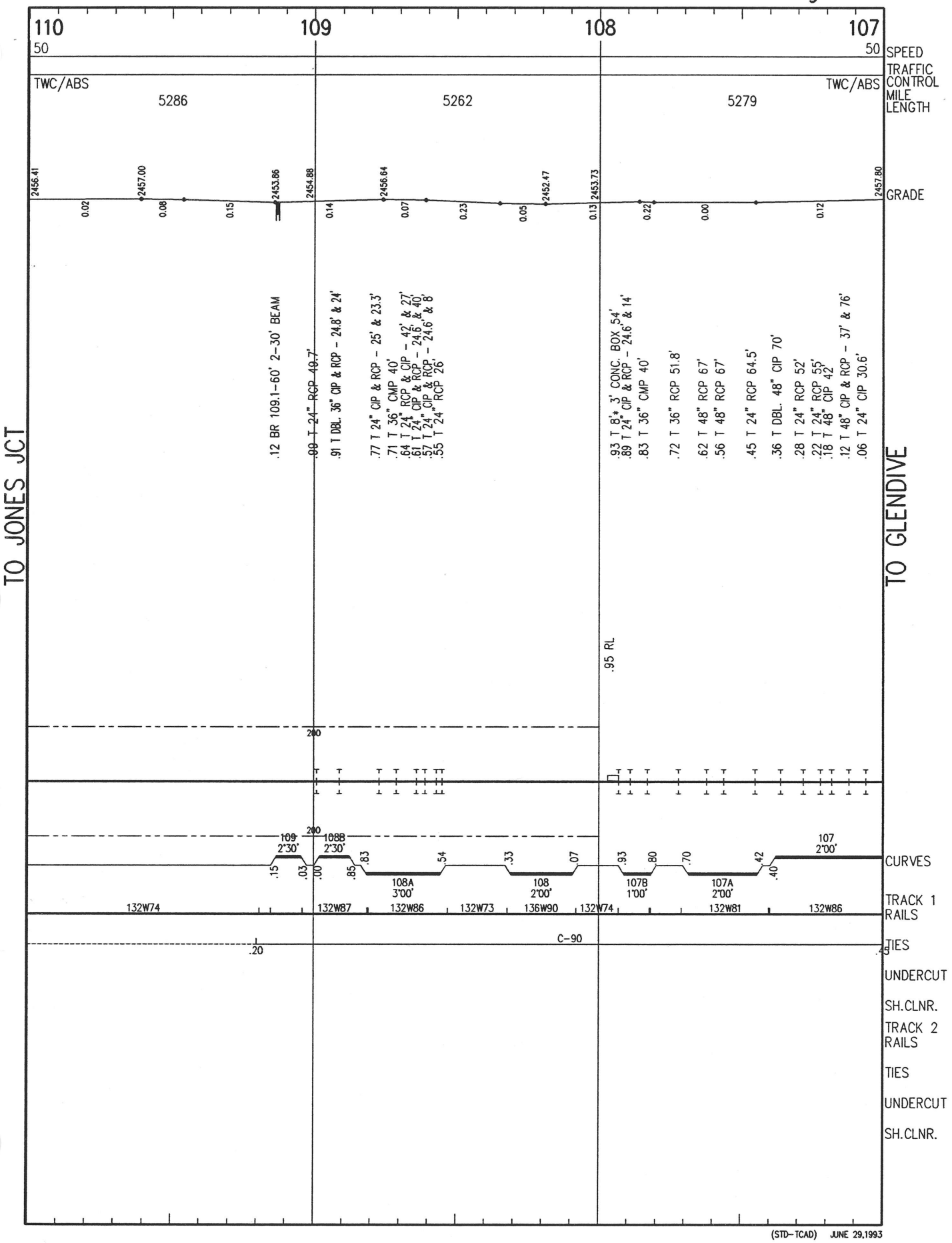

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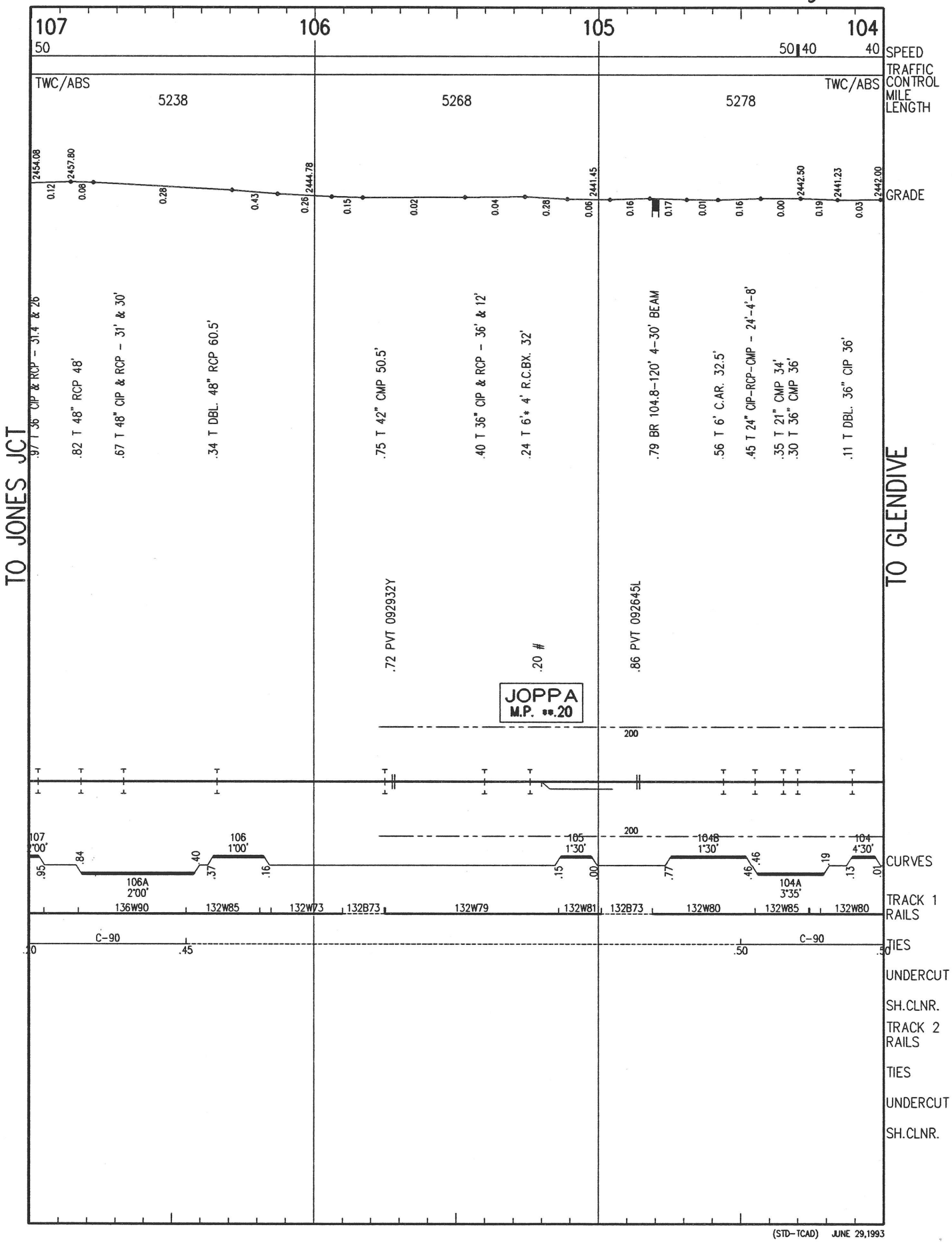
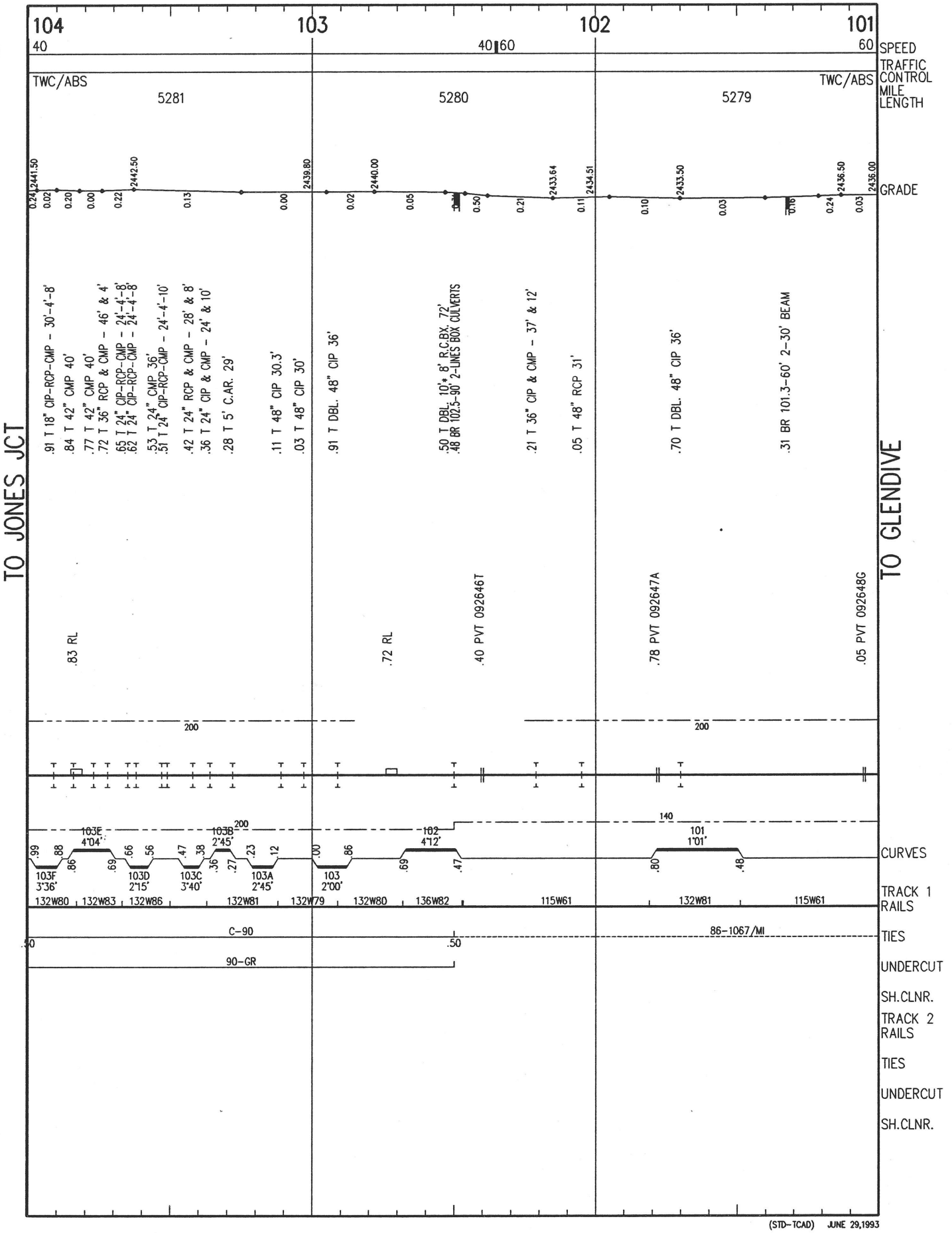

107
106
105
104
50
50 40
40
SPEED
TRAFFIC CONTROL
MILE LENGTH
TWC/ABS
TWC/ABS
5238
5268
5278
2454.08
2457.80
2444.78
2441.45
2442.50
2441.23
2442.00
0.12
0.08
0.28
0.43
0.26
0.15
0.02
0.04
0.28
0.06
0.16
0.17
0.01
0.16
0.00
0.19
0.03
GRADE
TO JONES JCT
.97 T 36" CIP & RCP - 31.4' & 26'
.82 T 48" RCP 48'
.67 T 48" CIP & RCP - 31' & 30'
.34 T DBL. 48" RCP 60.5'
.75 T 42" CMP 50.5'
.40 T 36" CIP & RCP - 36' & 12'
.24 T 6'* 4' R.C.BX. 32'
.79 BR 104.8-120' 4-30' BEAM
.56 T 6' C.AR. 32.5'
.45 T 24" CIP-RCP-CMP - 24'-4'-8'
.35 T 21" CMP 34'
.30 T 36" CMP 36'
.11 T DBL. 36" CIP 36'
TO GLENDIVE
.72 PVT 092932Y
.20 #
.86 PVT 092645L
JOPPA
M.P. **.20
200
200
107
2°00'
106
1°00'
105
1°30'
104B
1°30'
104
4°30'
106A
2°00'
104A
3°35'
CURVES
TRACK 1 RAILS
136W90
132W85
132W73
132B73
132W79
132W81
132B73
132W80
132W85
132W80
C-90
C-90
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
(STD-TCAD) JUNE 29,1993



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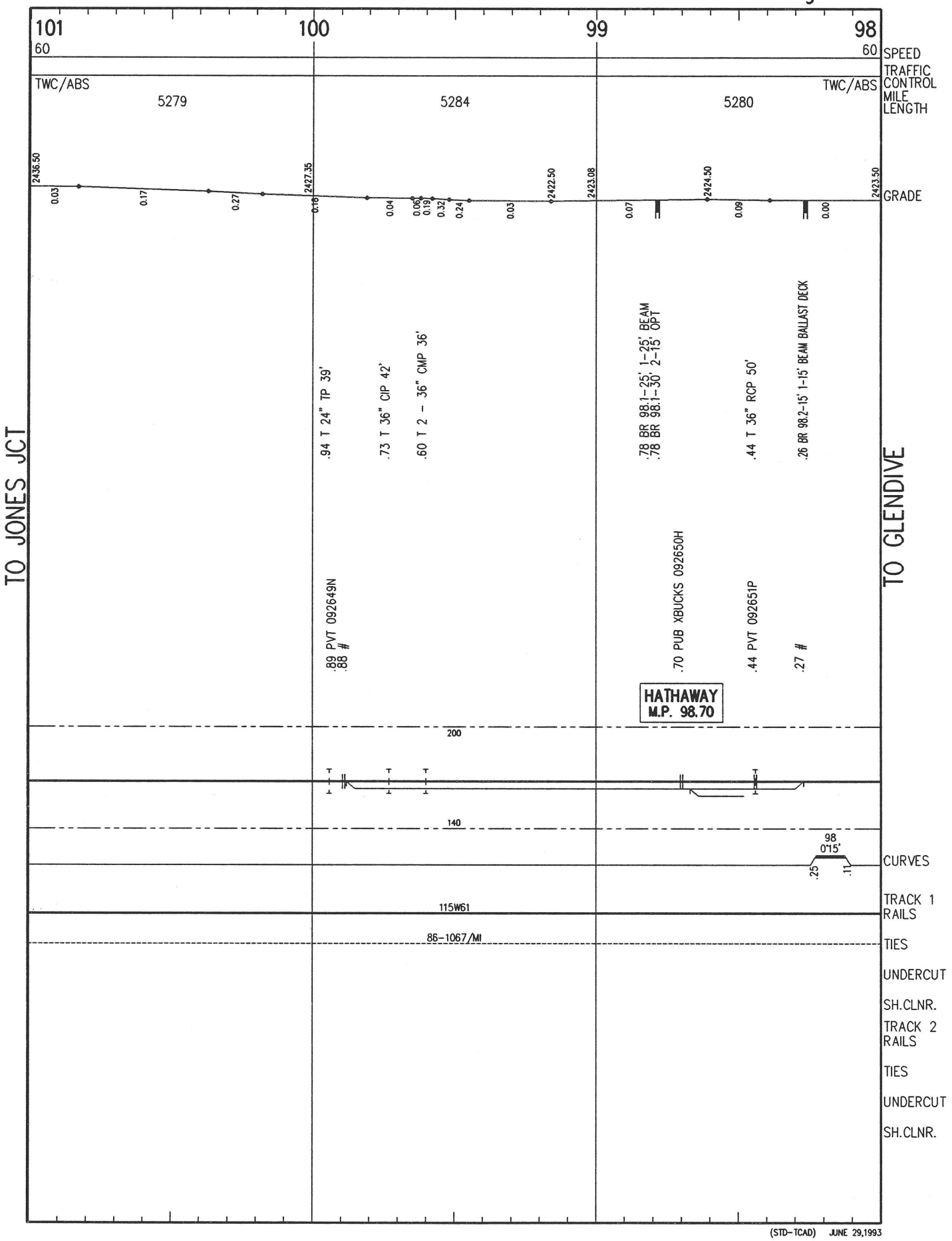

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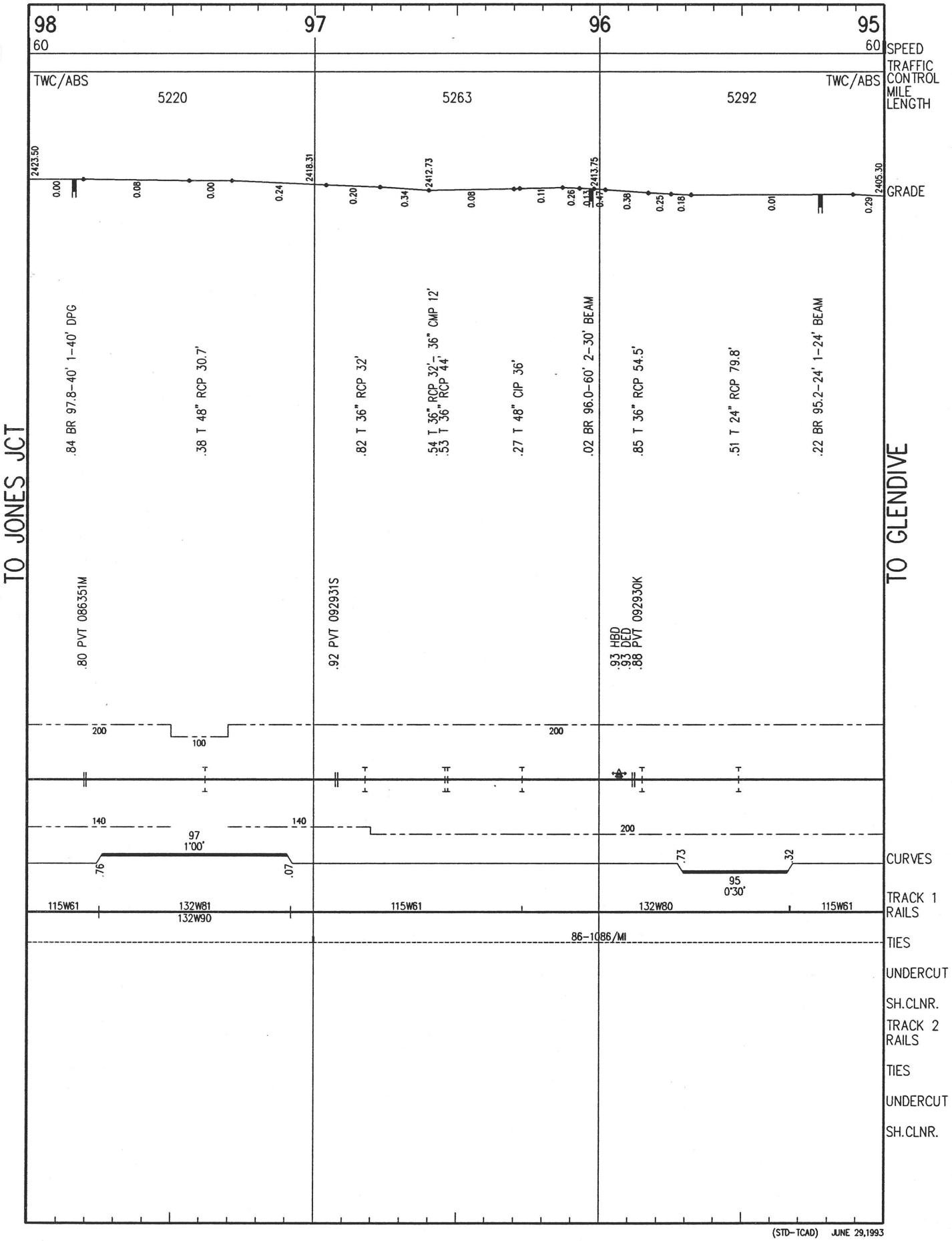

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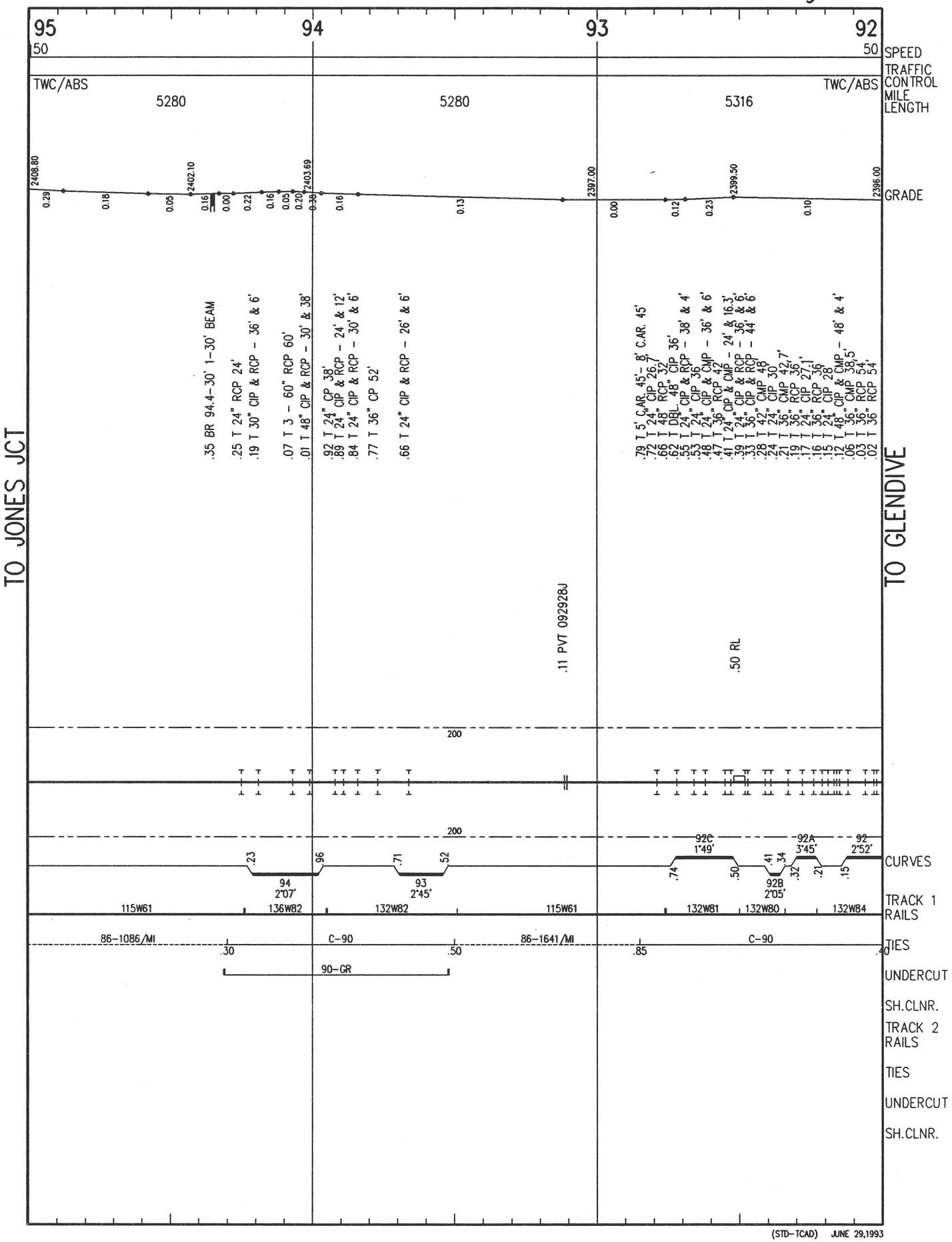

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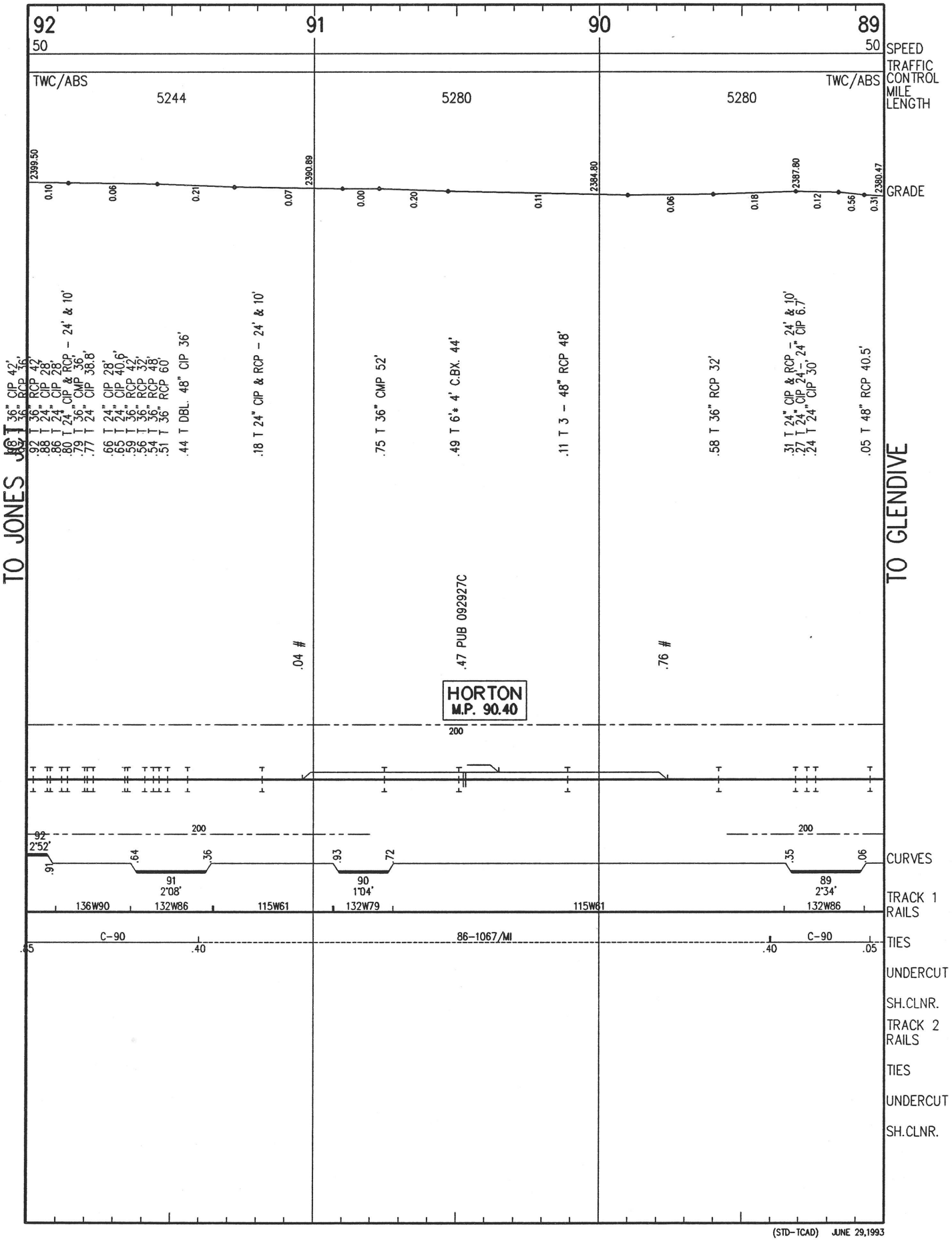

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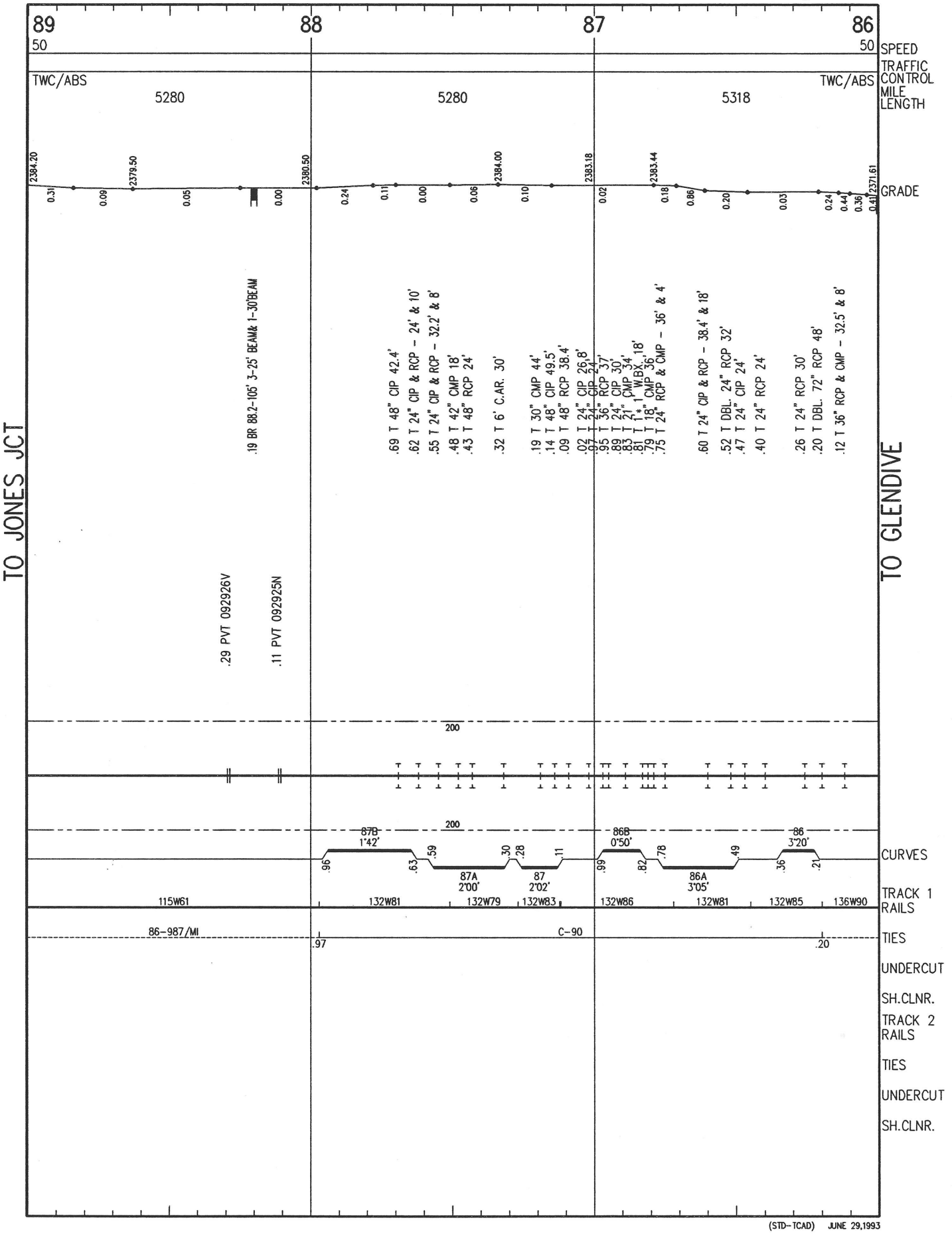

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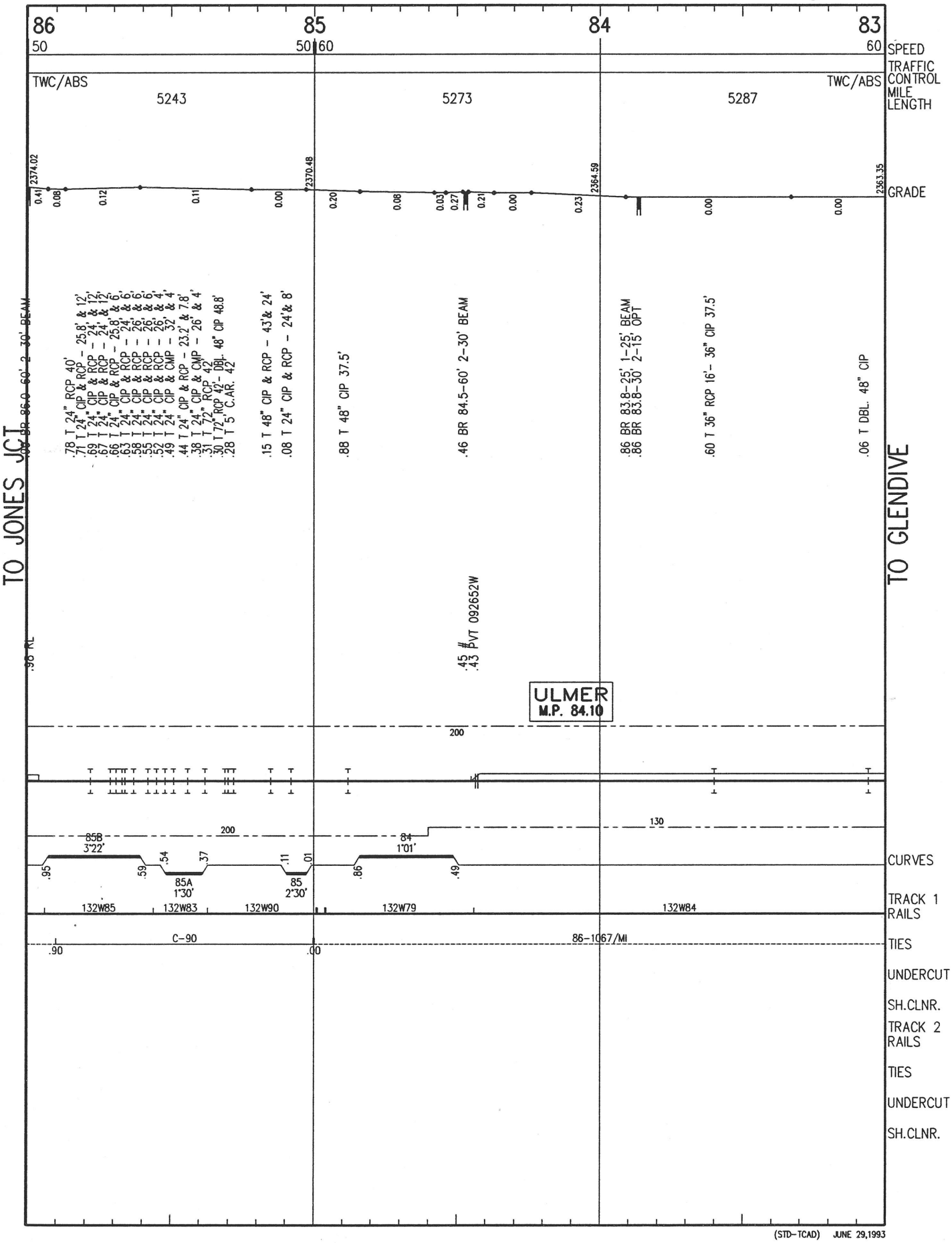

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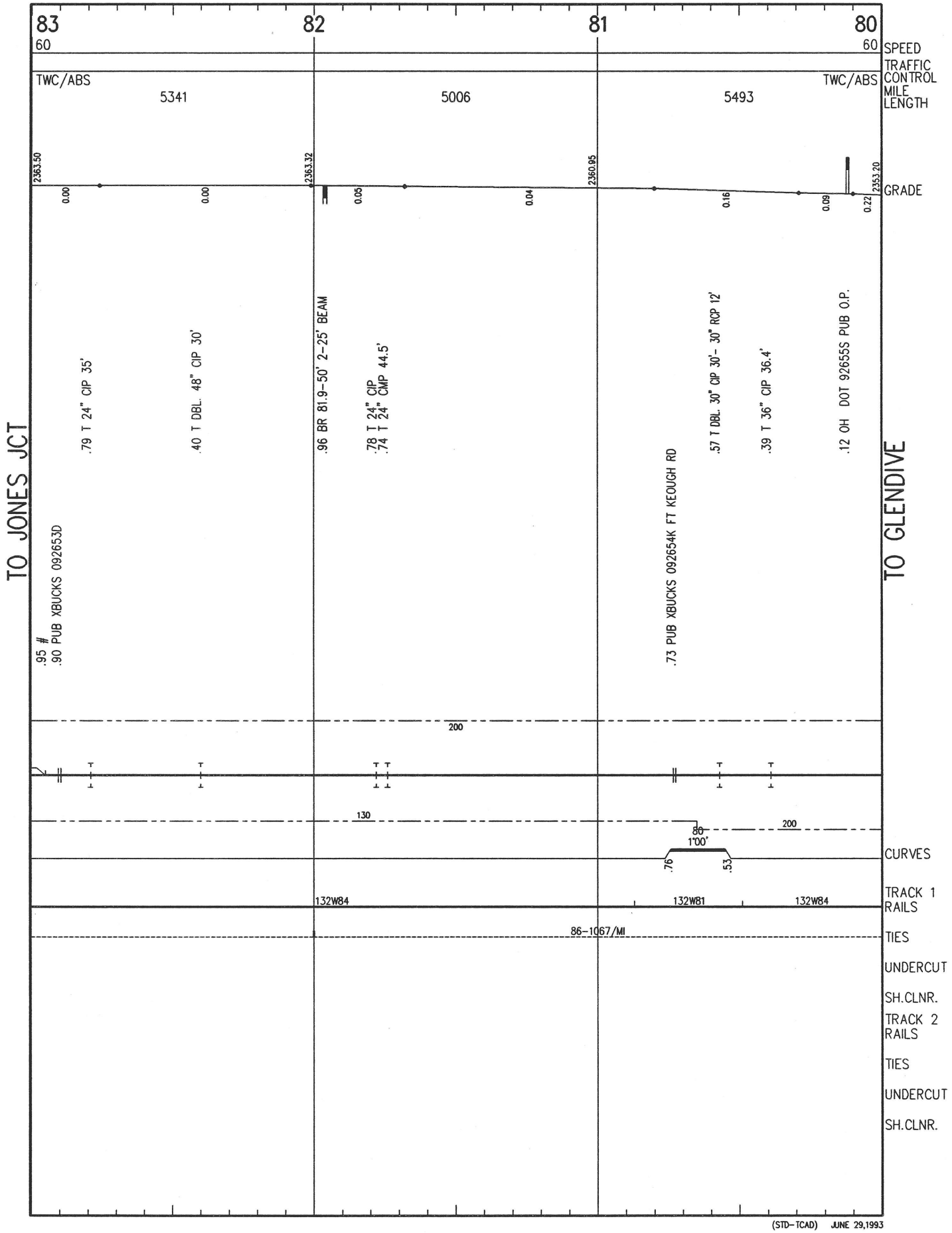

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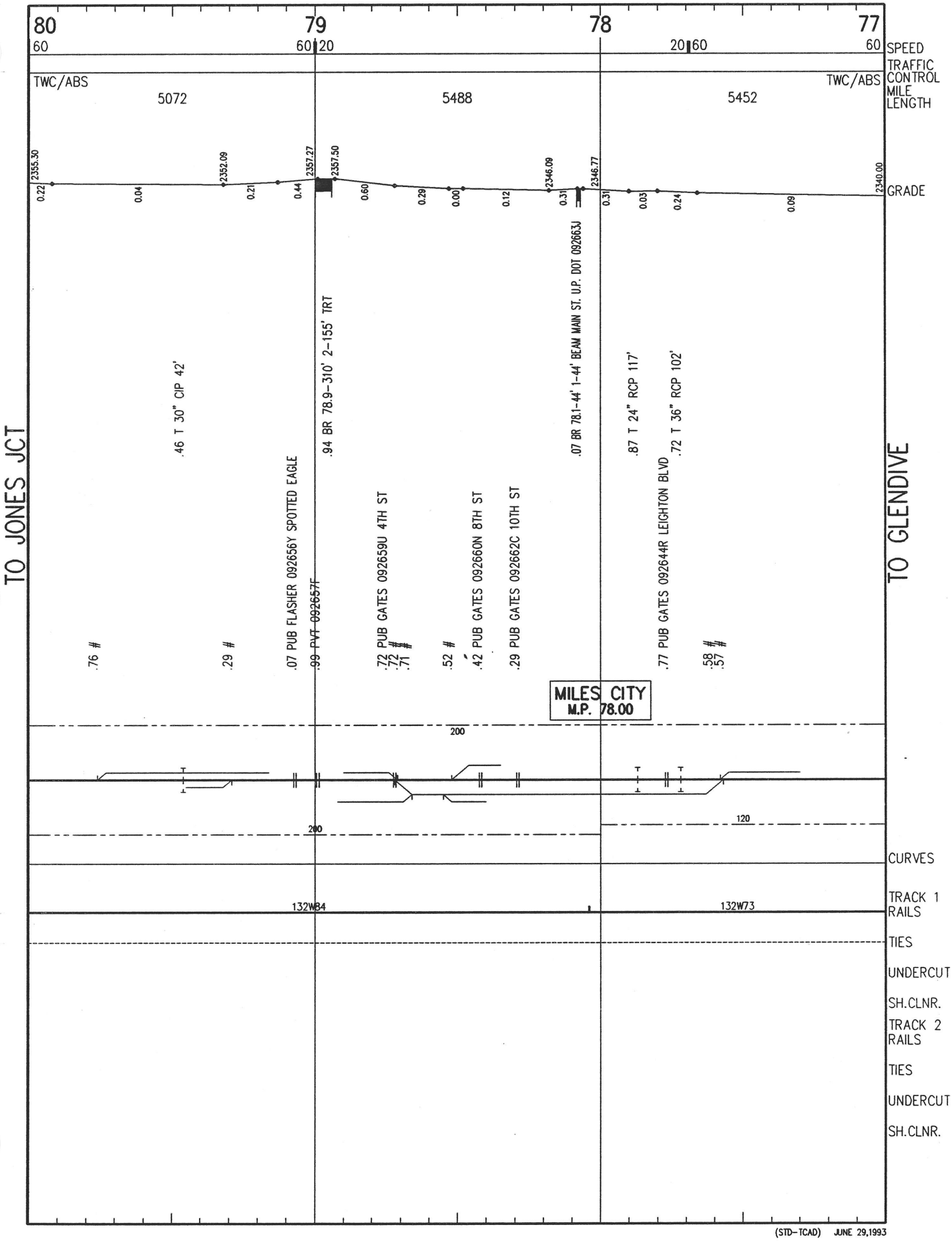

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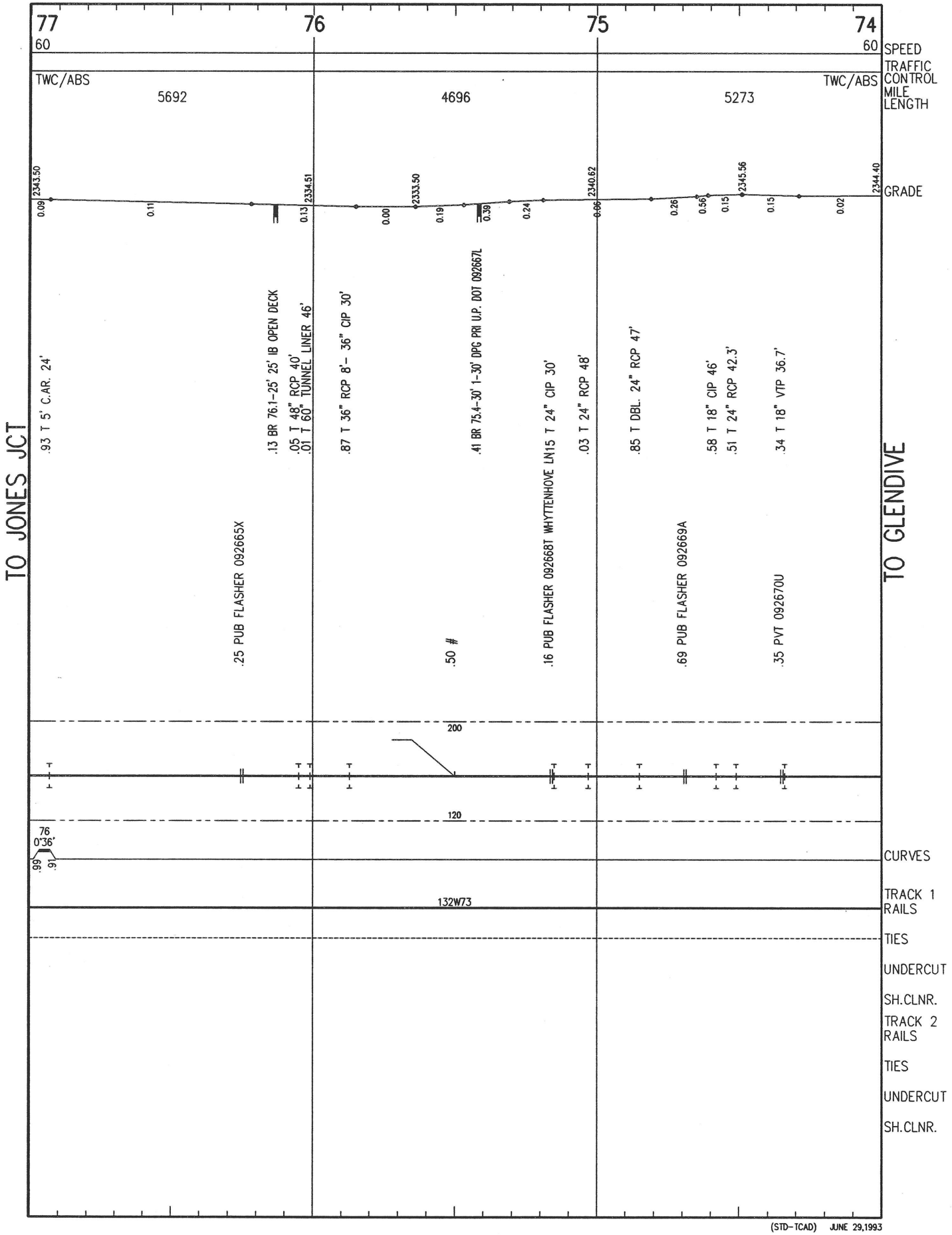

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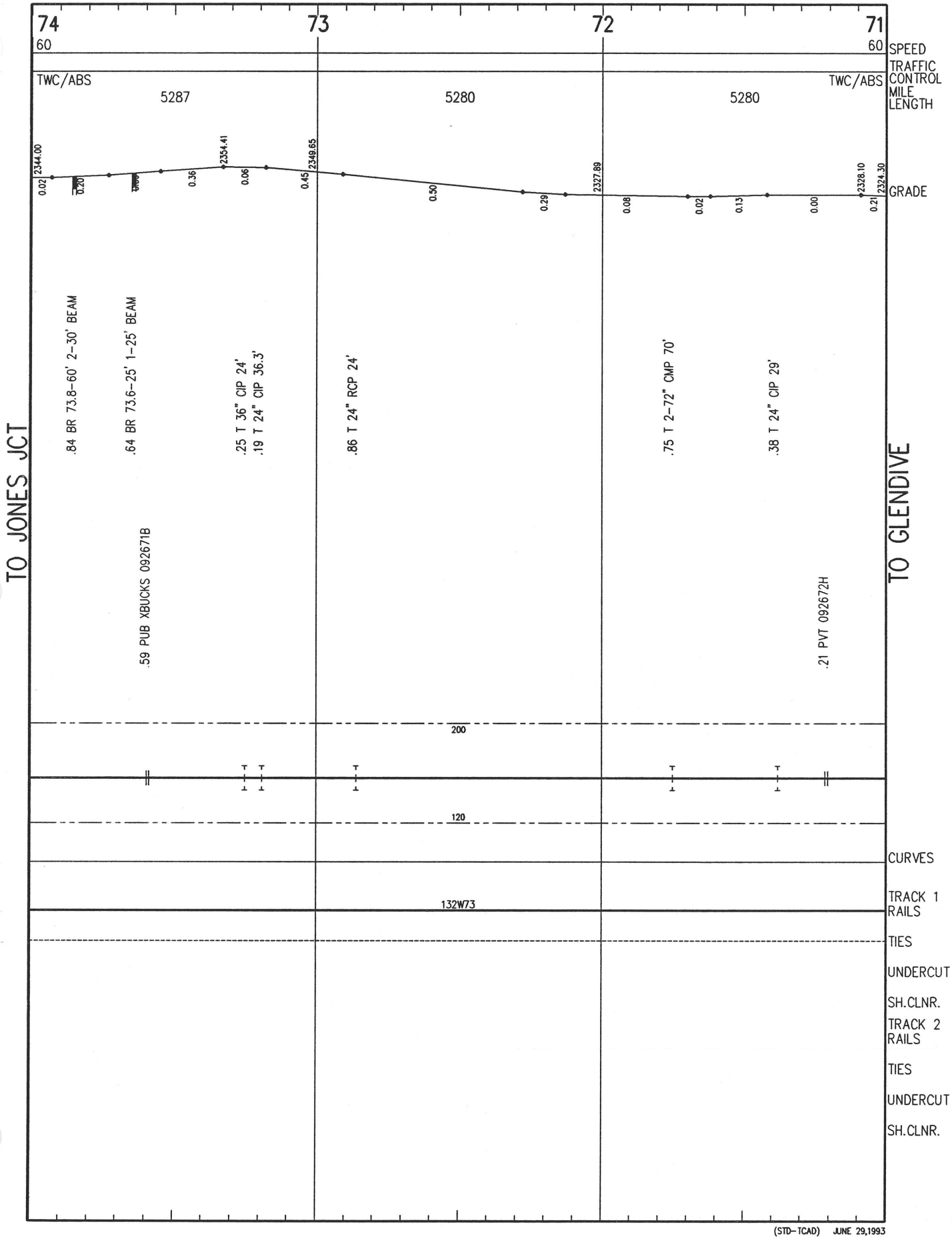

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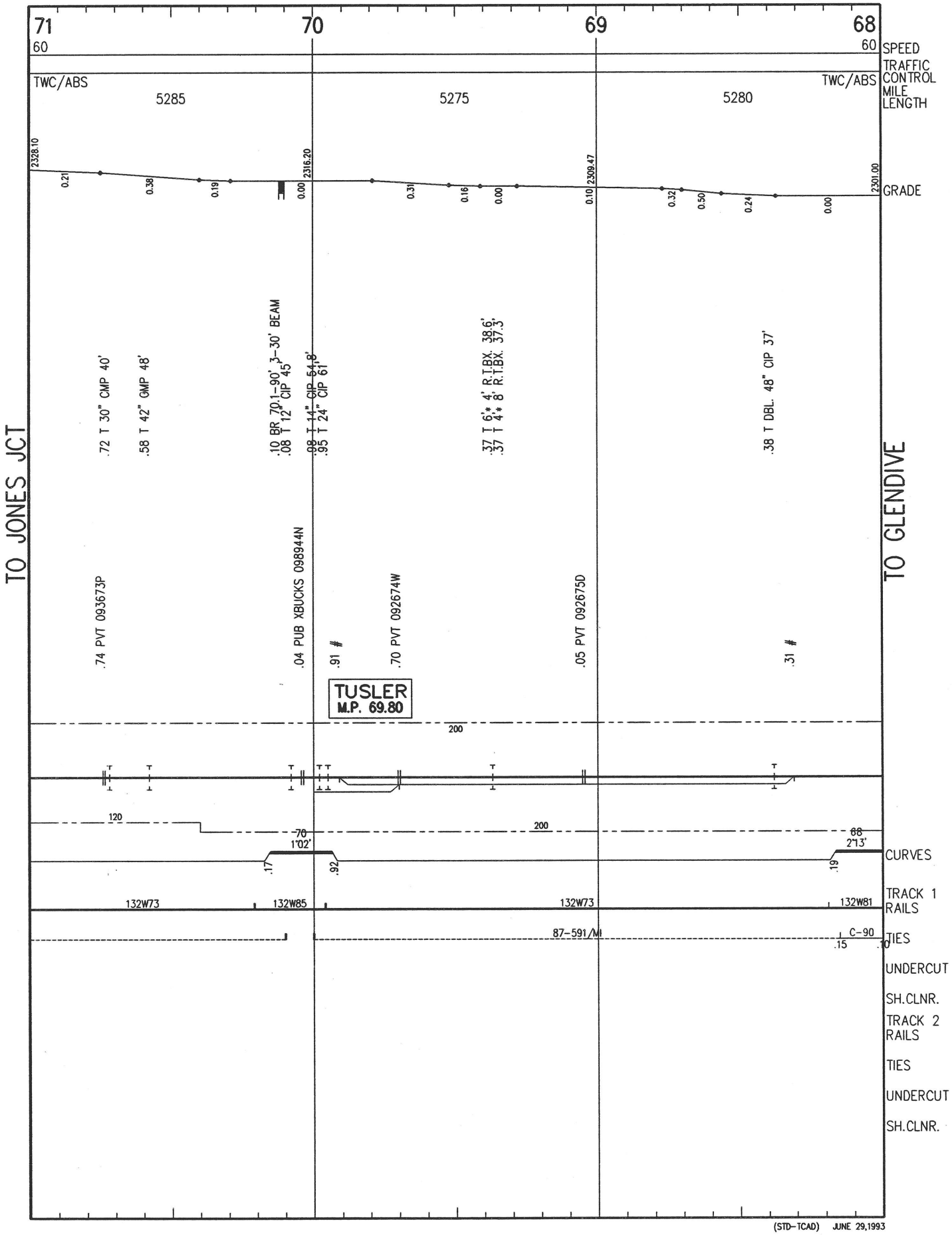
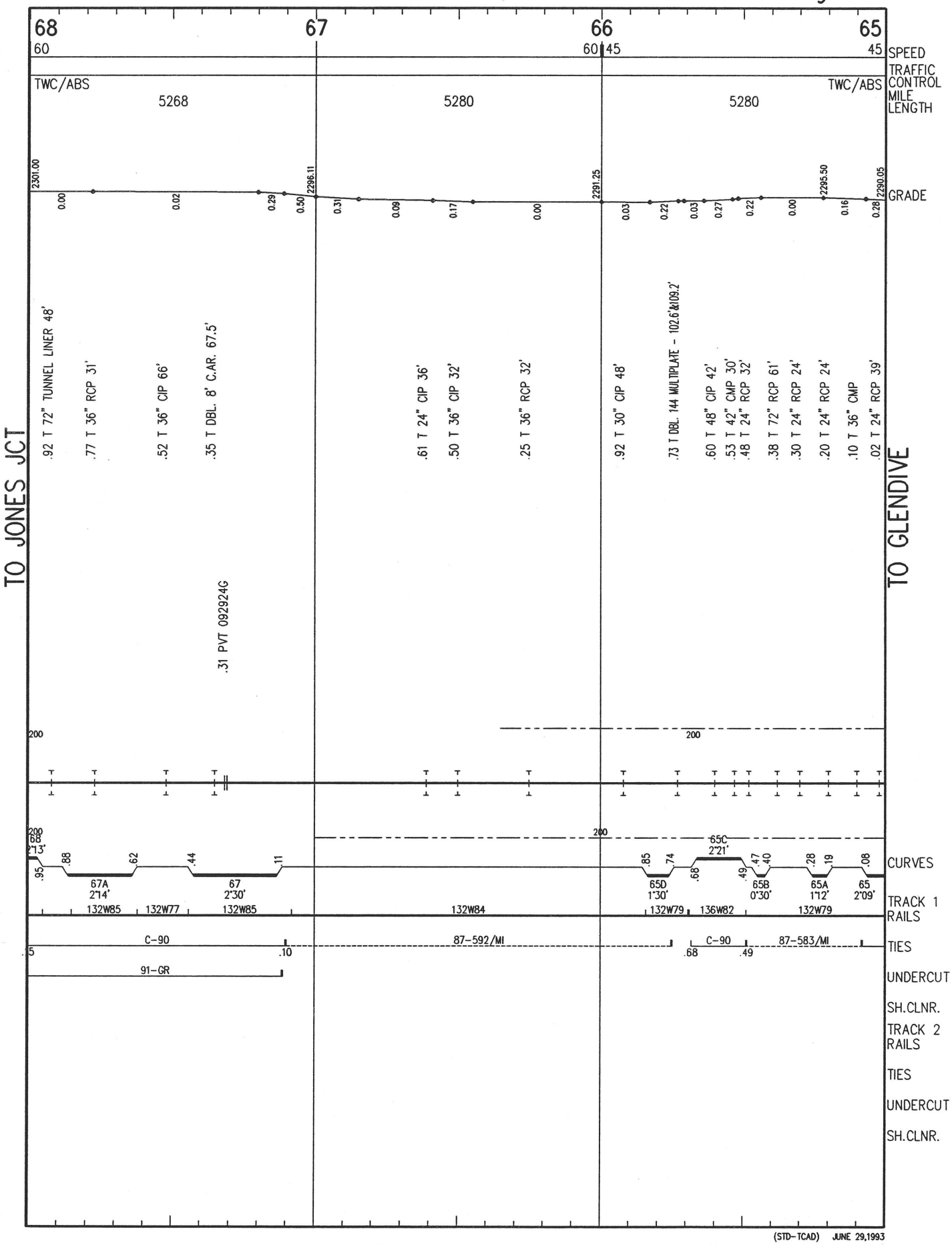

71
70
69
68
60
60
SPEED
TRAFFIC CONTROL
MILE LENGTH
TWC/ABS
TWC/ABS
5285
5275
5280
2328.10
2316.20
2309.47
2301.00
0.21
0.38
0.19
0.00
0.31
0.16
0.00
0.10
0.32
0.50
0.24
0.00
GRADE
TO JONES JCT
TO GLENDIVE
.72 T 30" CMP 40'
.58 T 42" GMP 48'
.10 BR 70 1-90', 3-30' BEAM
.08 T 12" CIP 45'
.08 T 14" CIP 54.8'
.95 T 24" CIP 61'
.37 T 6'* 4' R.T.BX. 38.6'
.37 T 4'* 8' R.T.BX. 37.3'
.38 T DBL. 48" CIP 37'
.74 PVT 093673P
.04 PUB XBUCKS 098944N
.91 #
.70 PVT 092674W
.05 PVT 092675D
.31 #
TUSLER
M.P. 69.80
200
120
70
1°02'
200
68
2°13'
.17
.92
.19
CURVES
132W73
132W85
132W73
132W81
TRACK 1 RAILS
87-591/MI
C-90
.15
.10
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
(STD-TCAD) JUNE 29,1993



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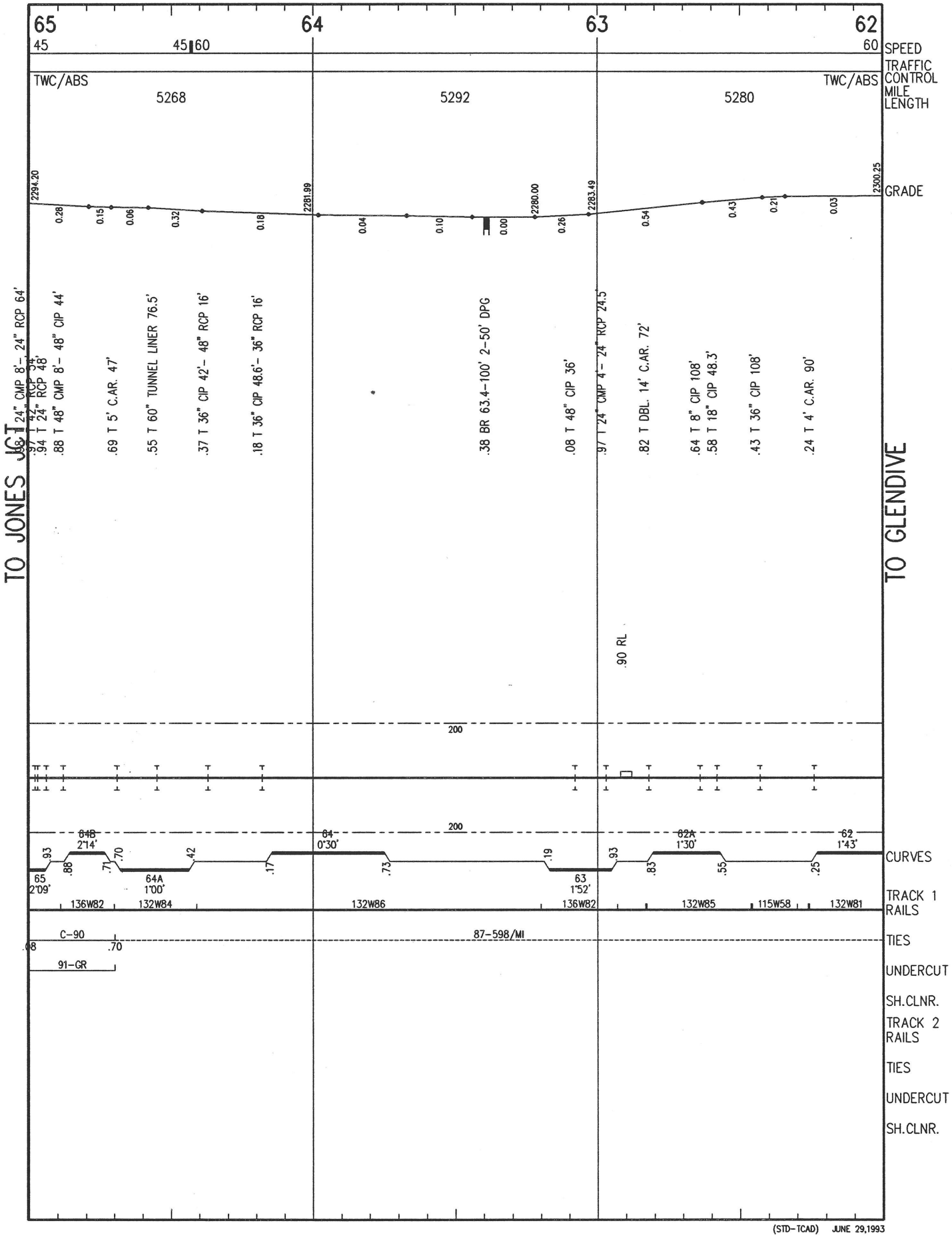

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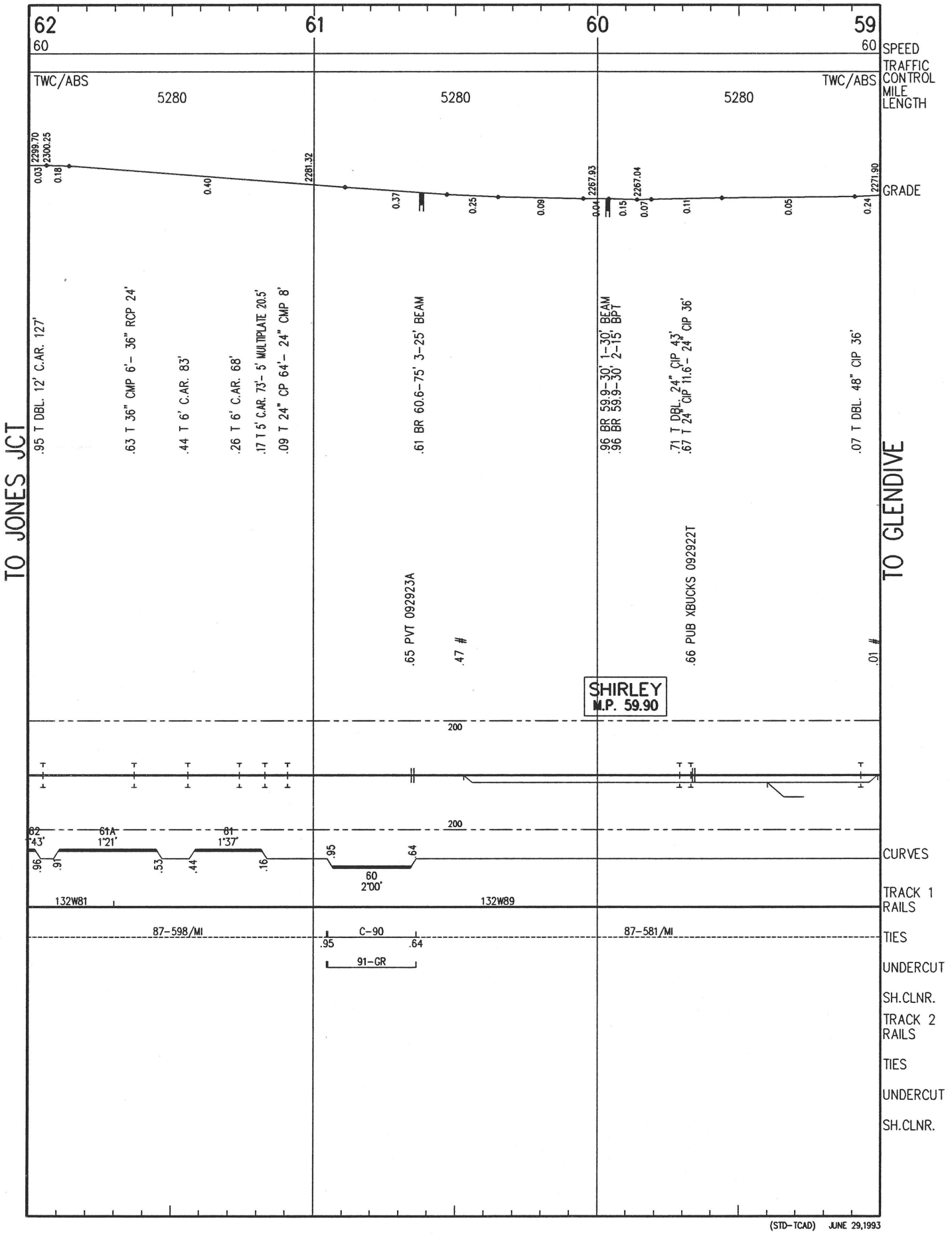

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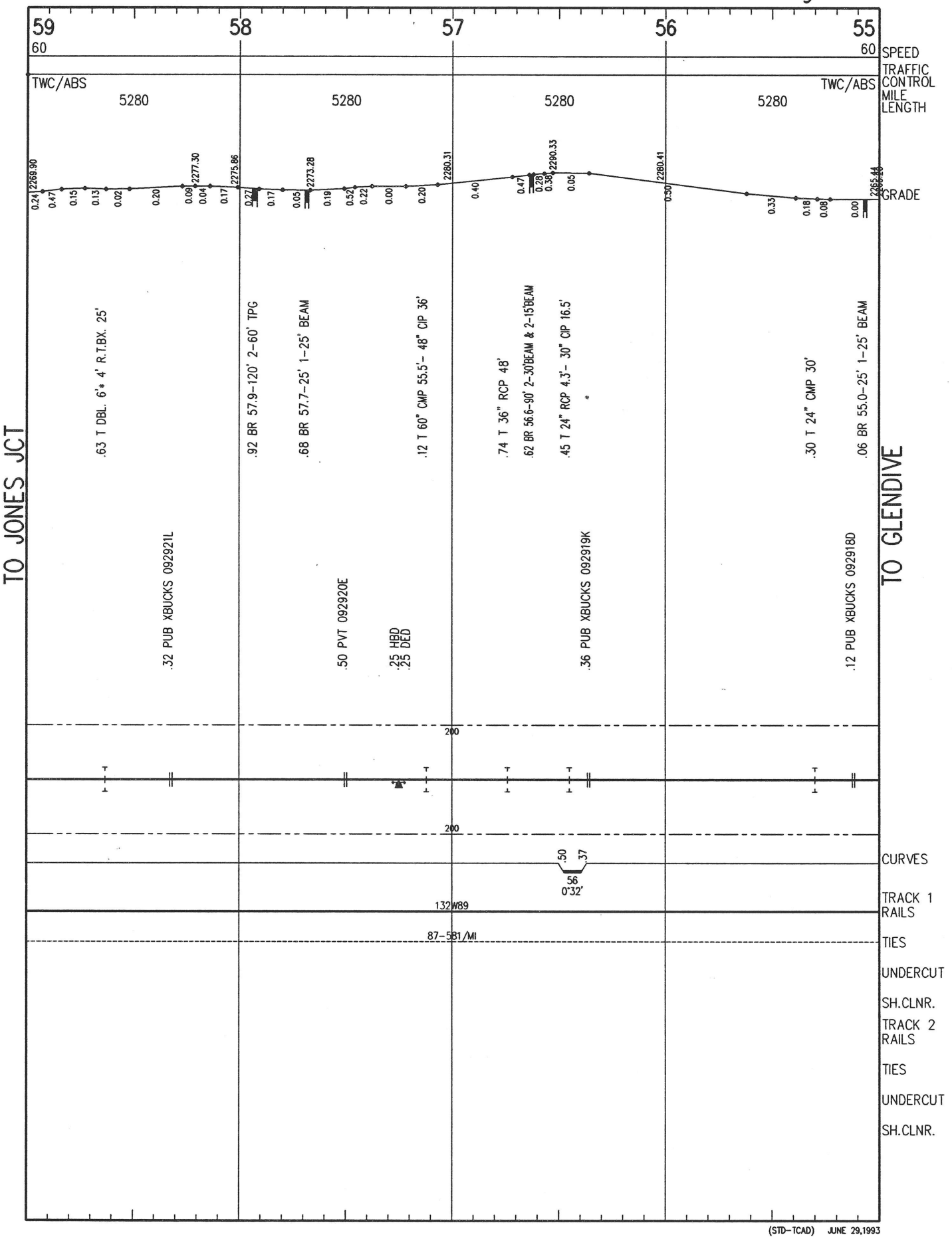

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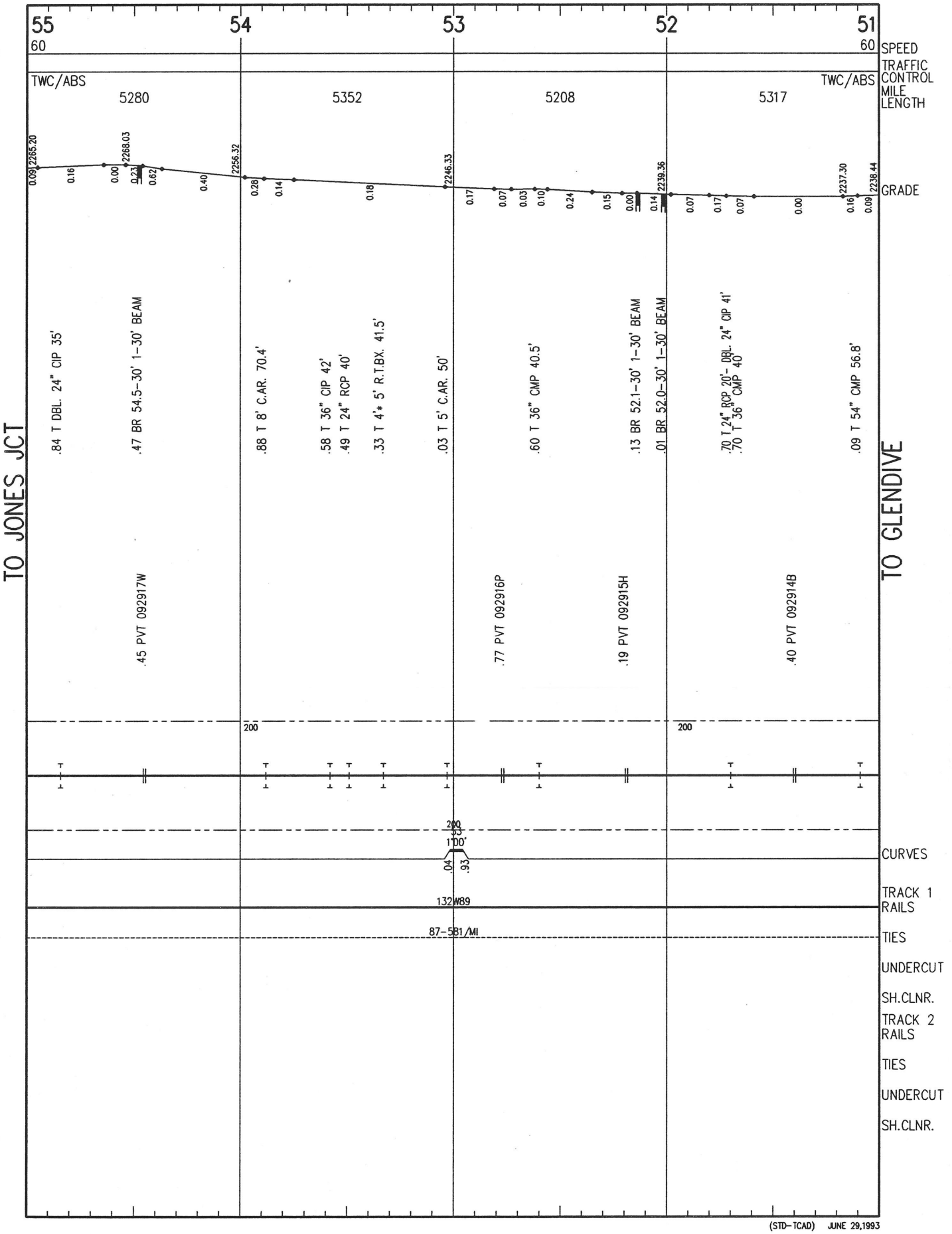

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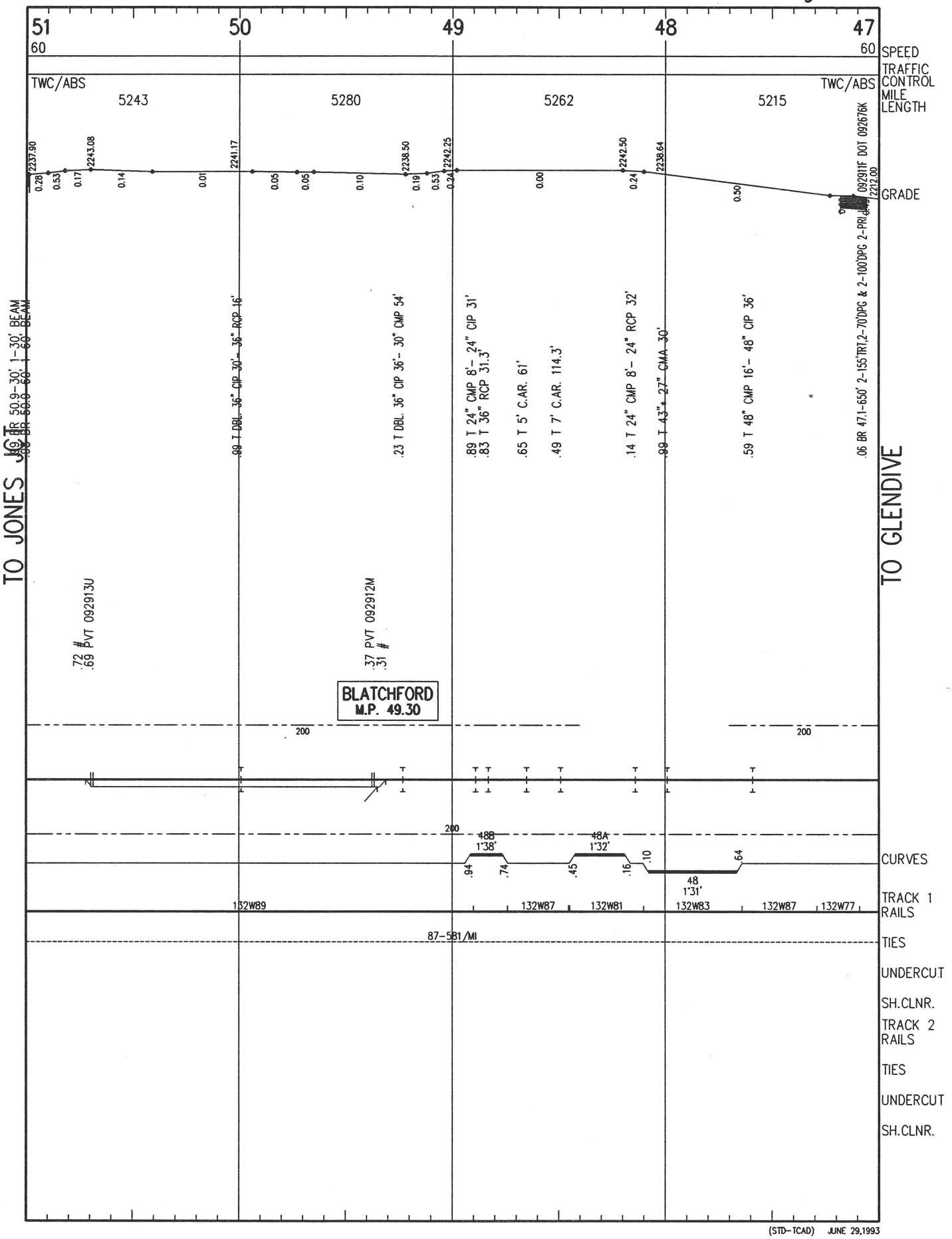

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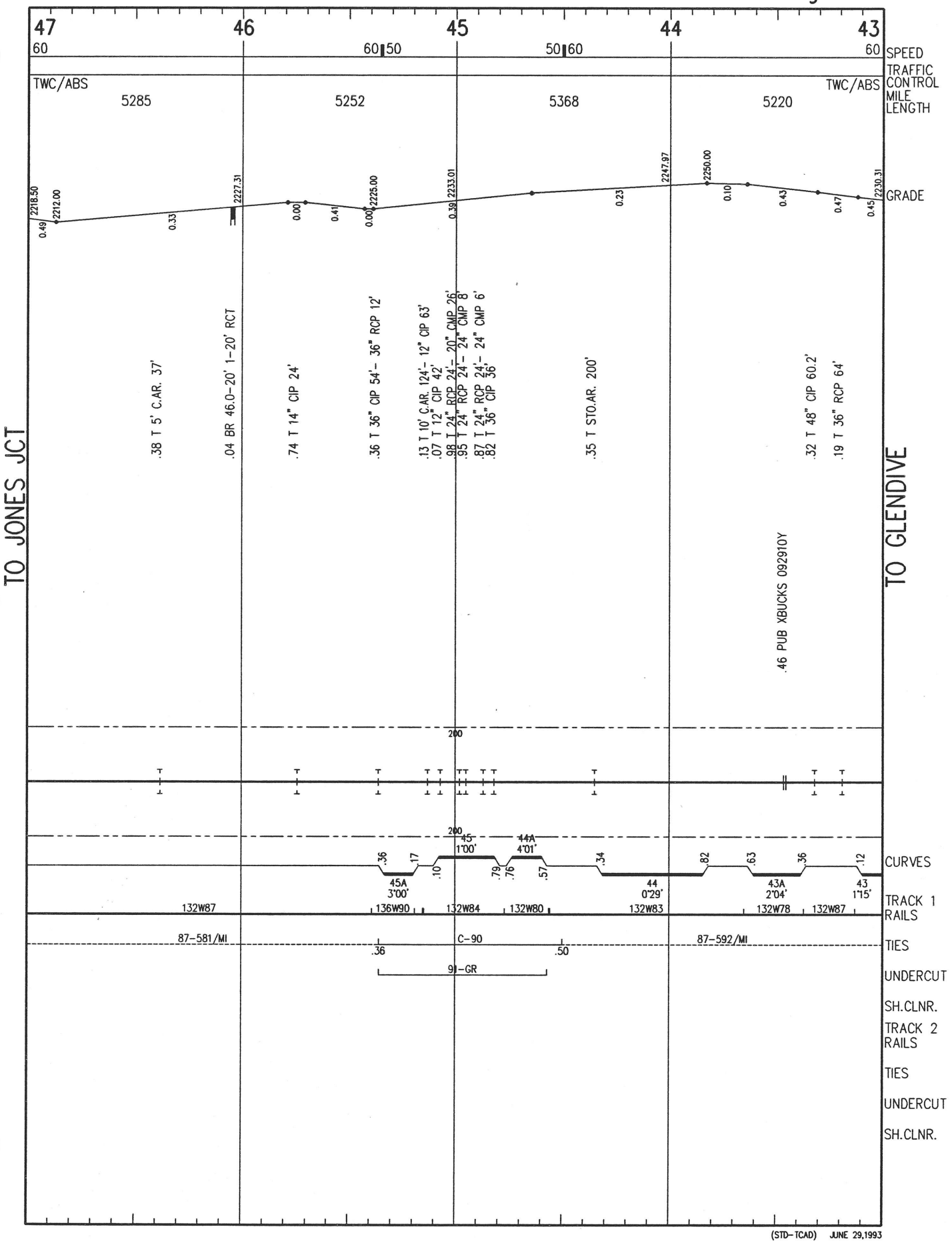

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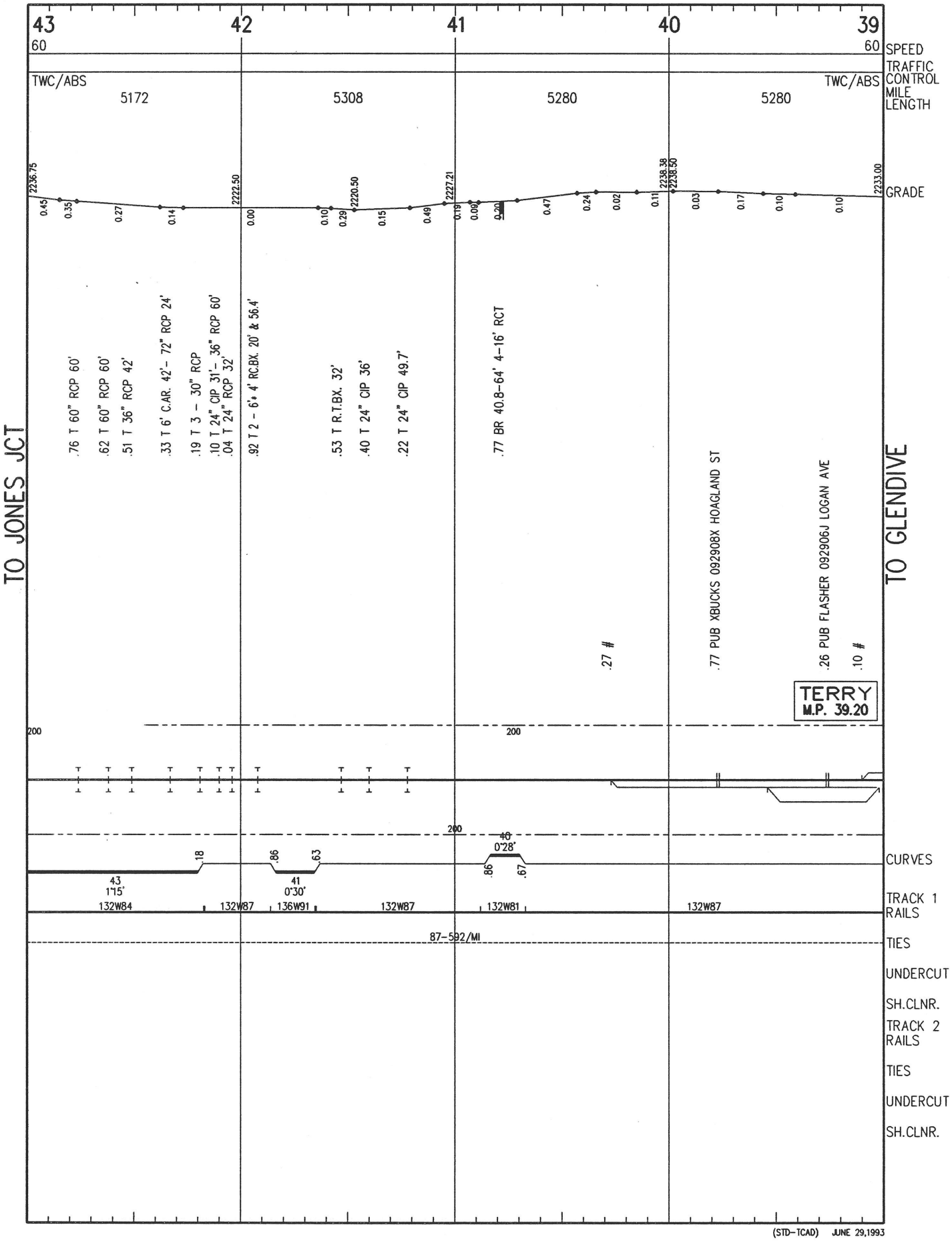

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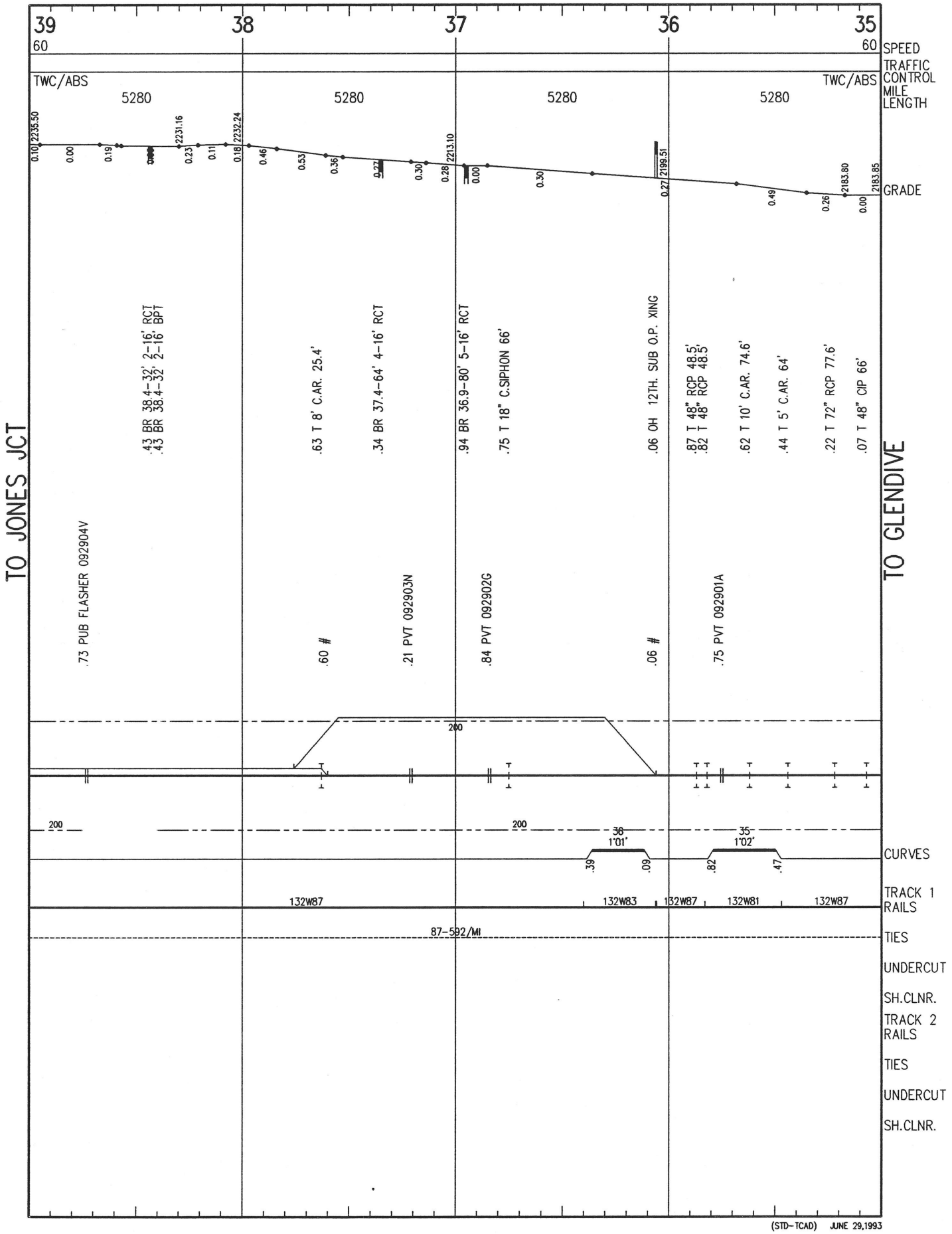

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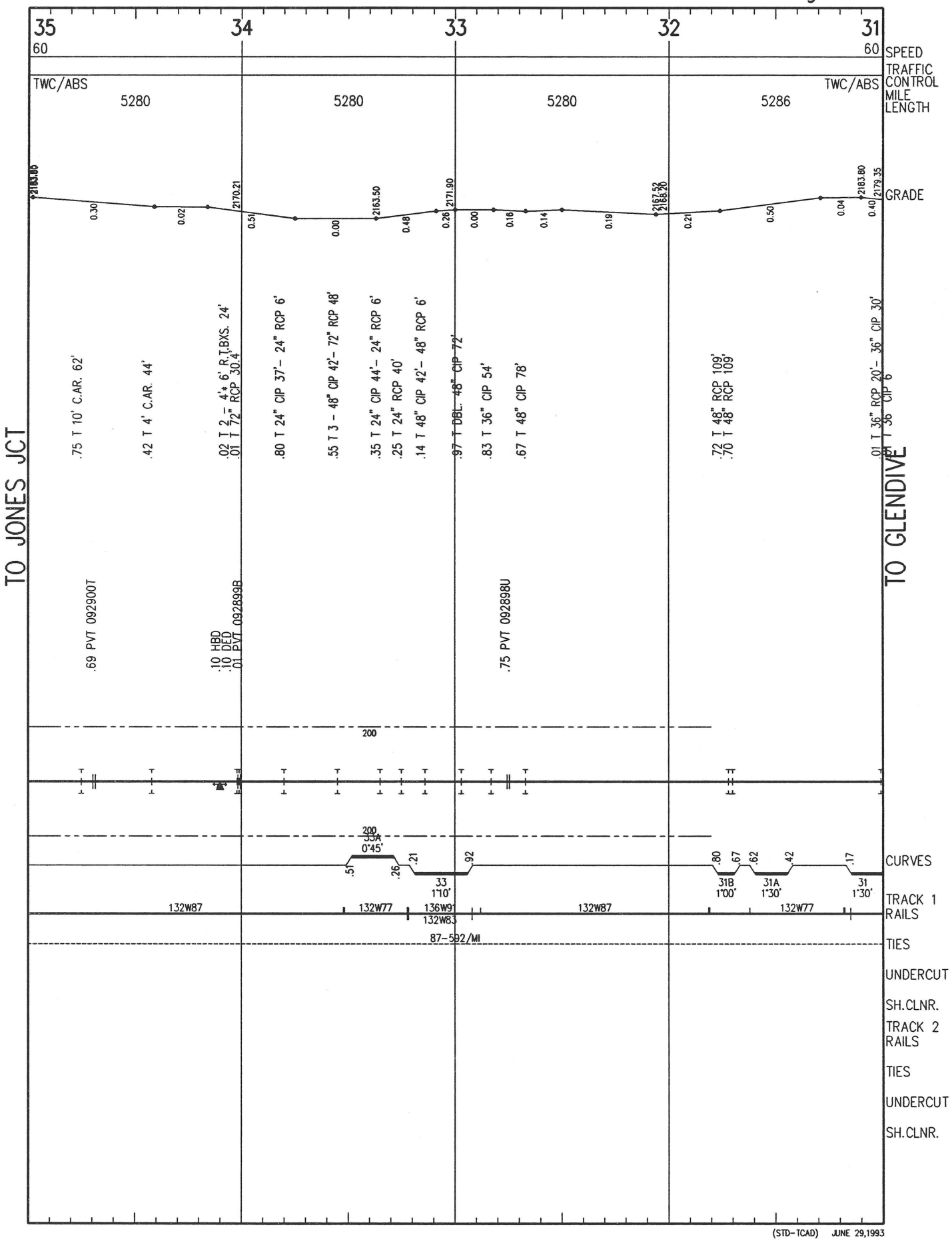

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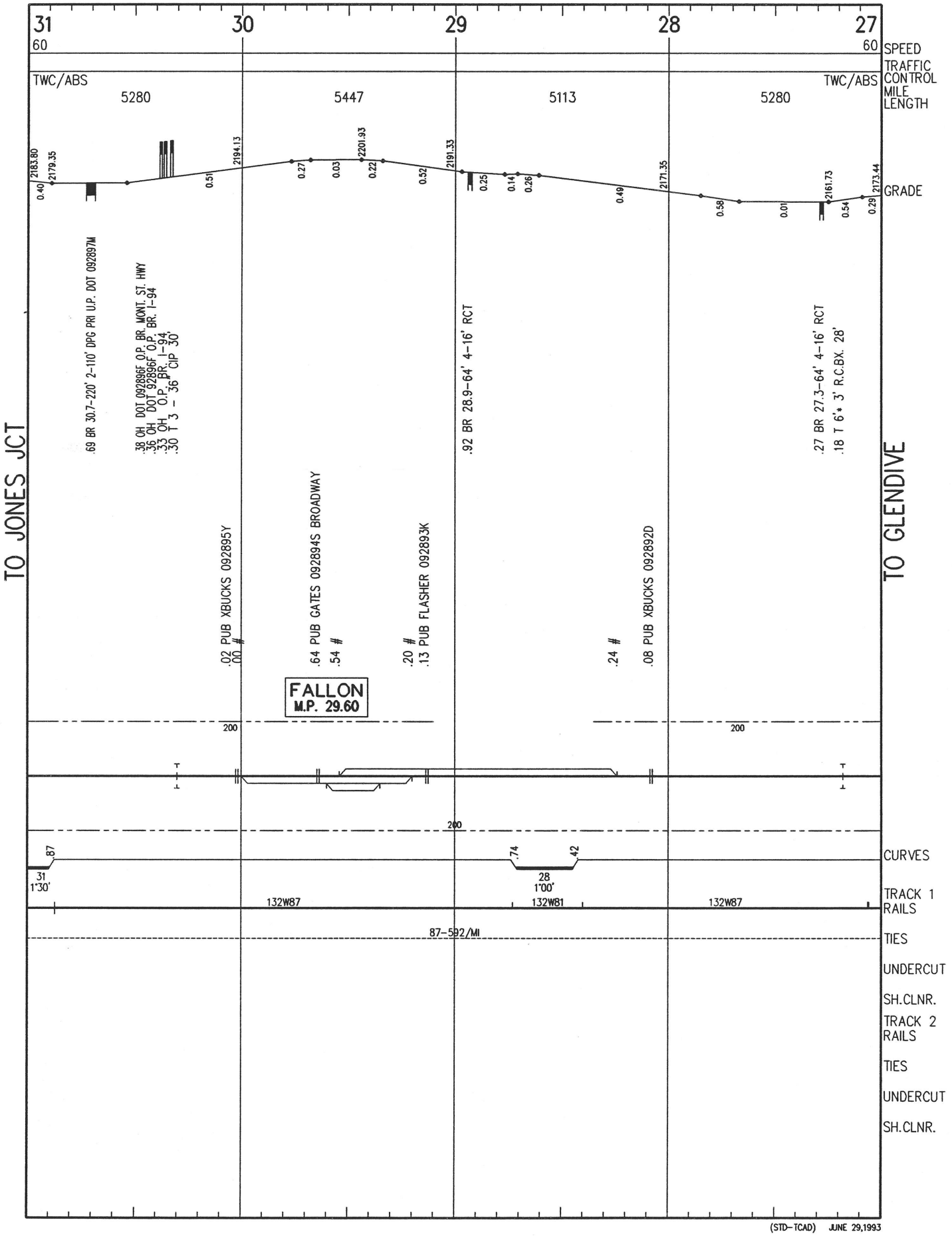

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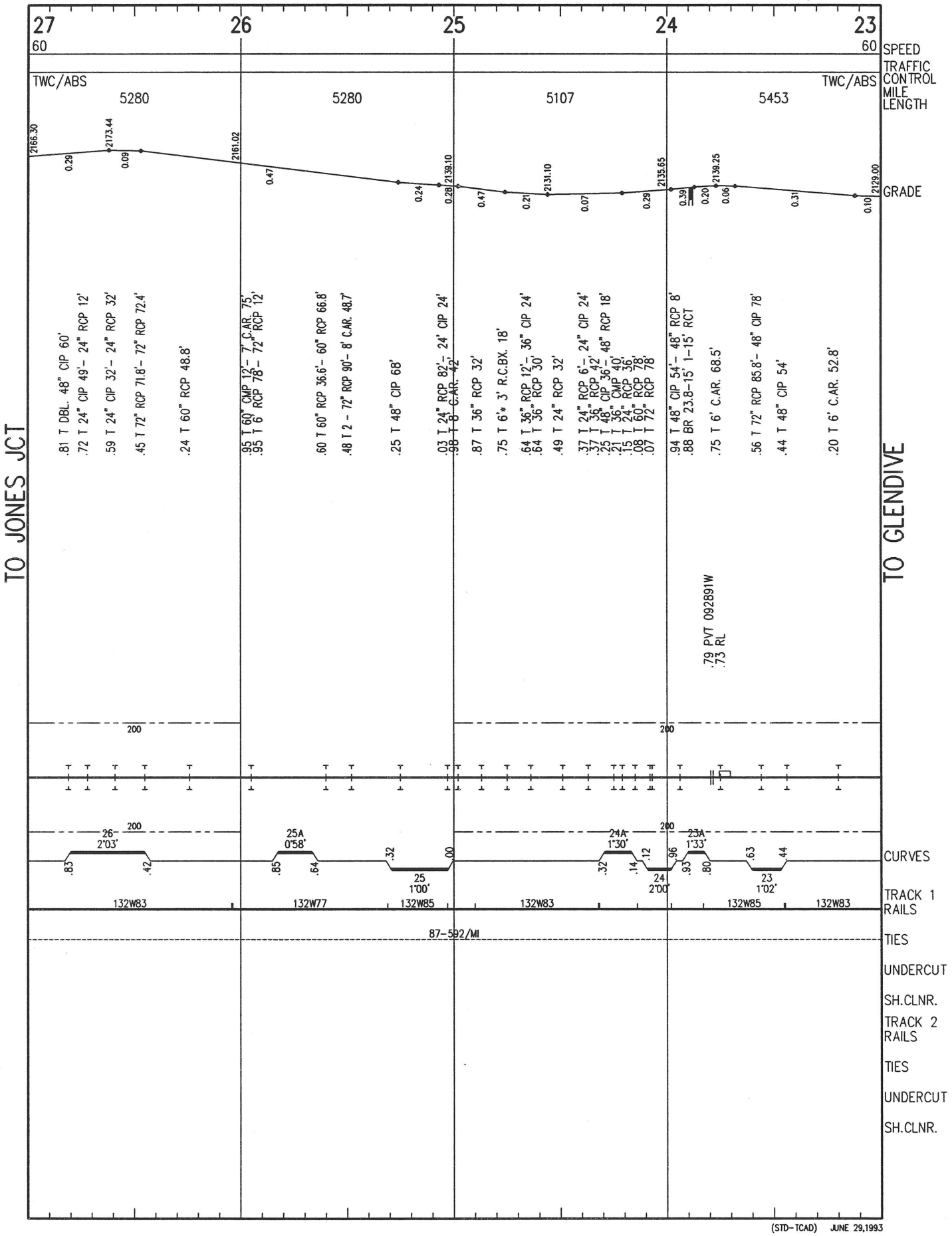

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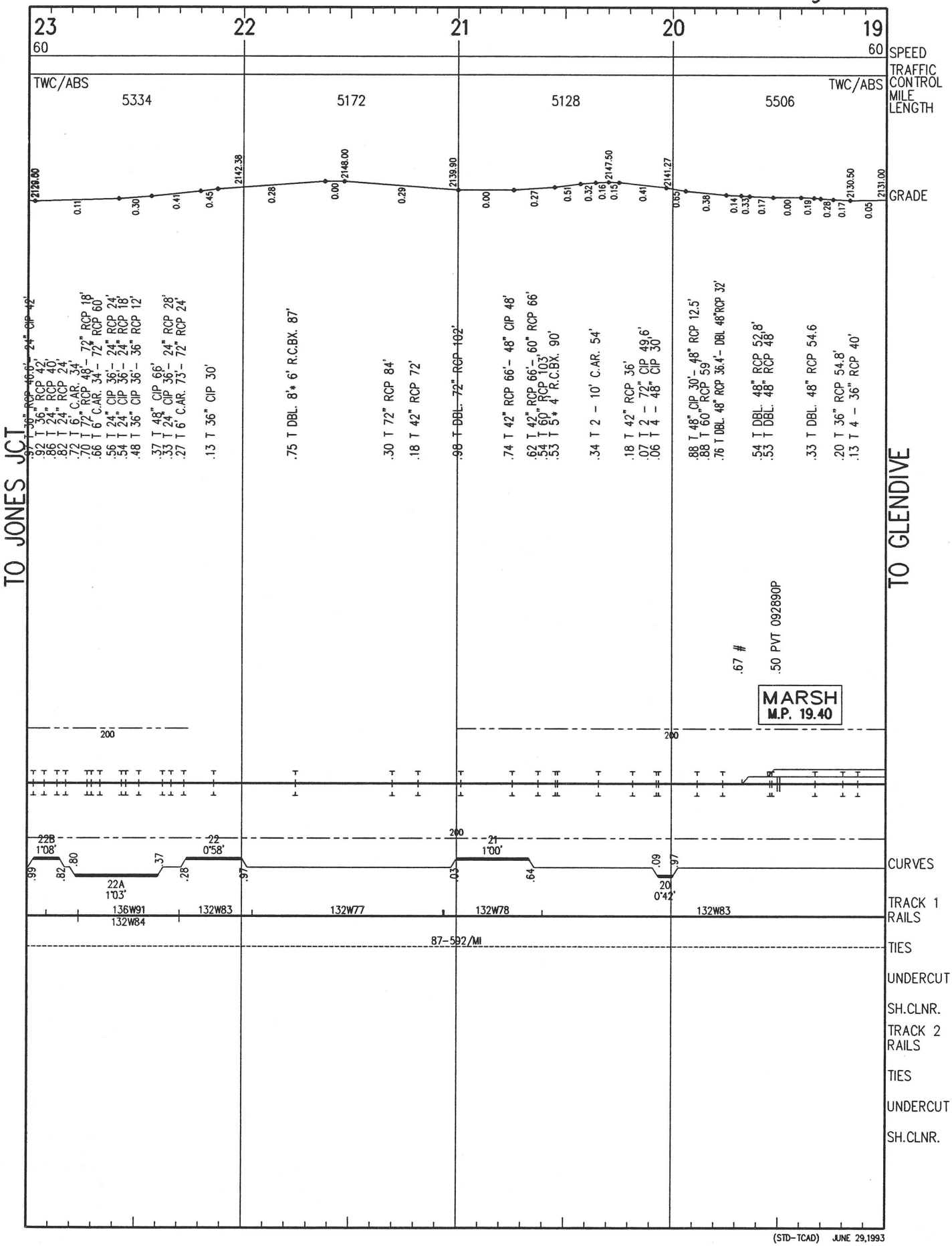
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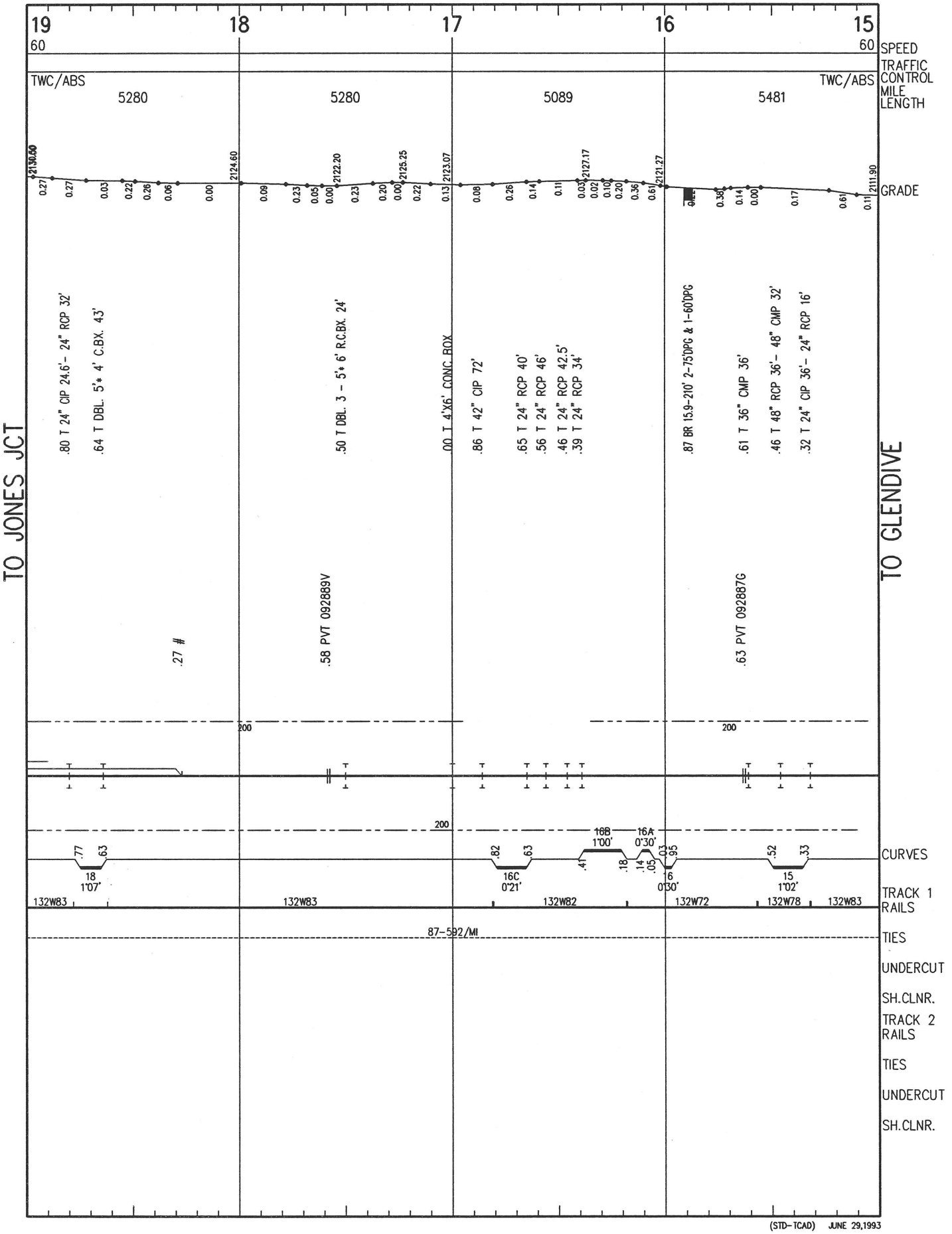
SPEED
TRAFFIC CONTROL
MILE LENGTH
TWC/ABS
TWC/ABS
5334
5172
5128
5506
GRADE
TO JONES JCT
TO GLENDIVE
MARSH
M.P. 19.40
.67 #
.50 PVT 092890P
CURVES
TRACK 1 RAILS
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
87-592/MI
136W91
132W84
132W83
132W77
132W78
132W83
(STD-TCAD) JUNE 29,1993



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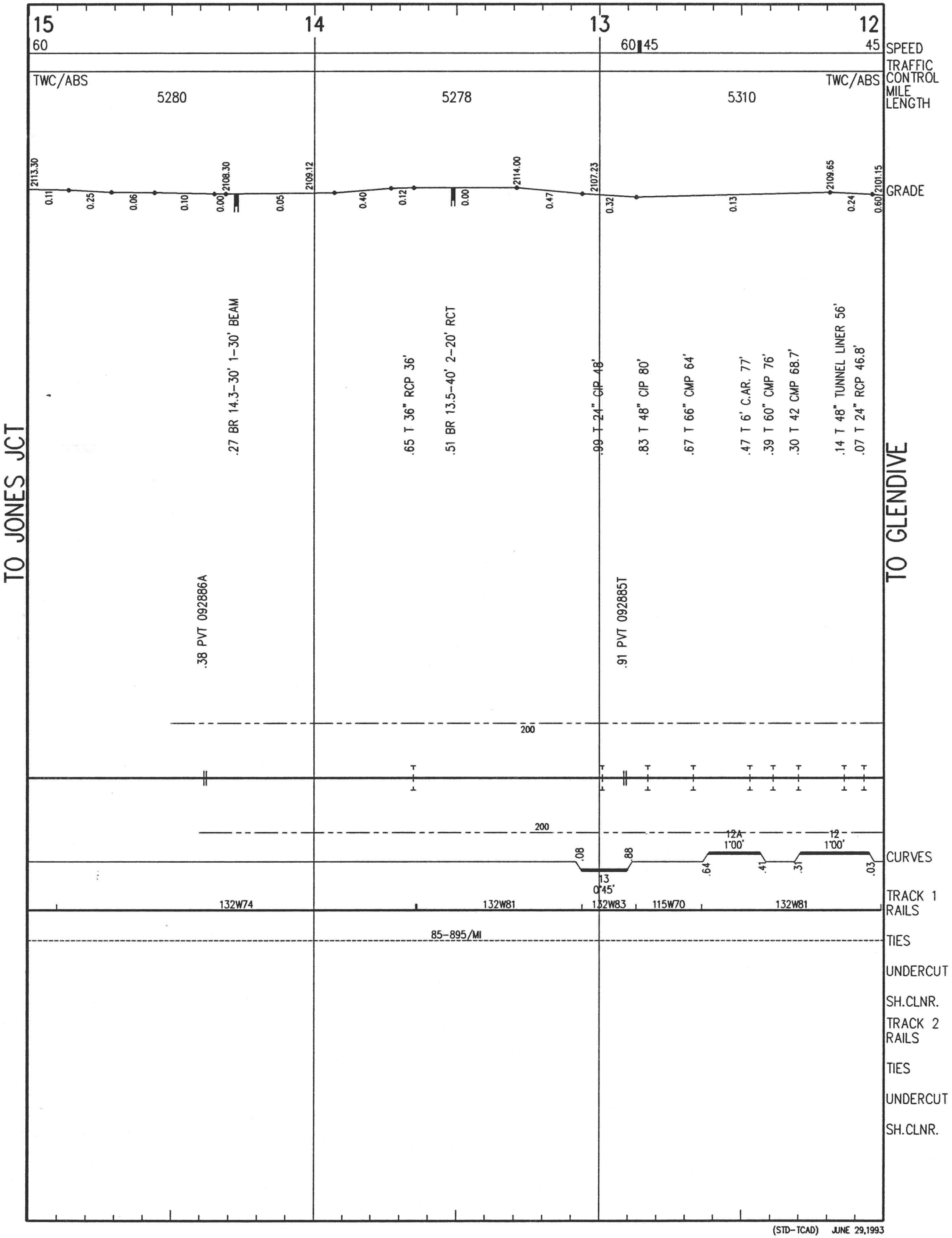

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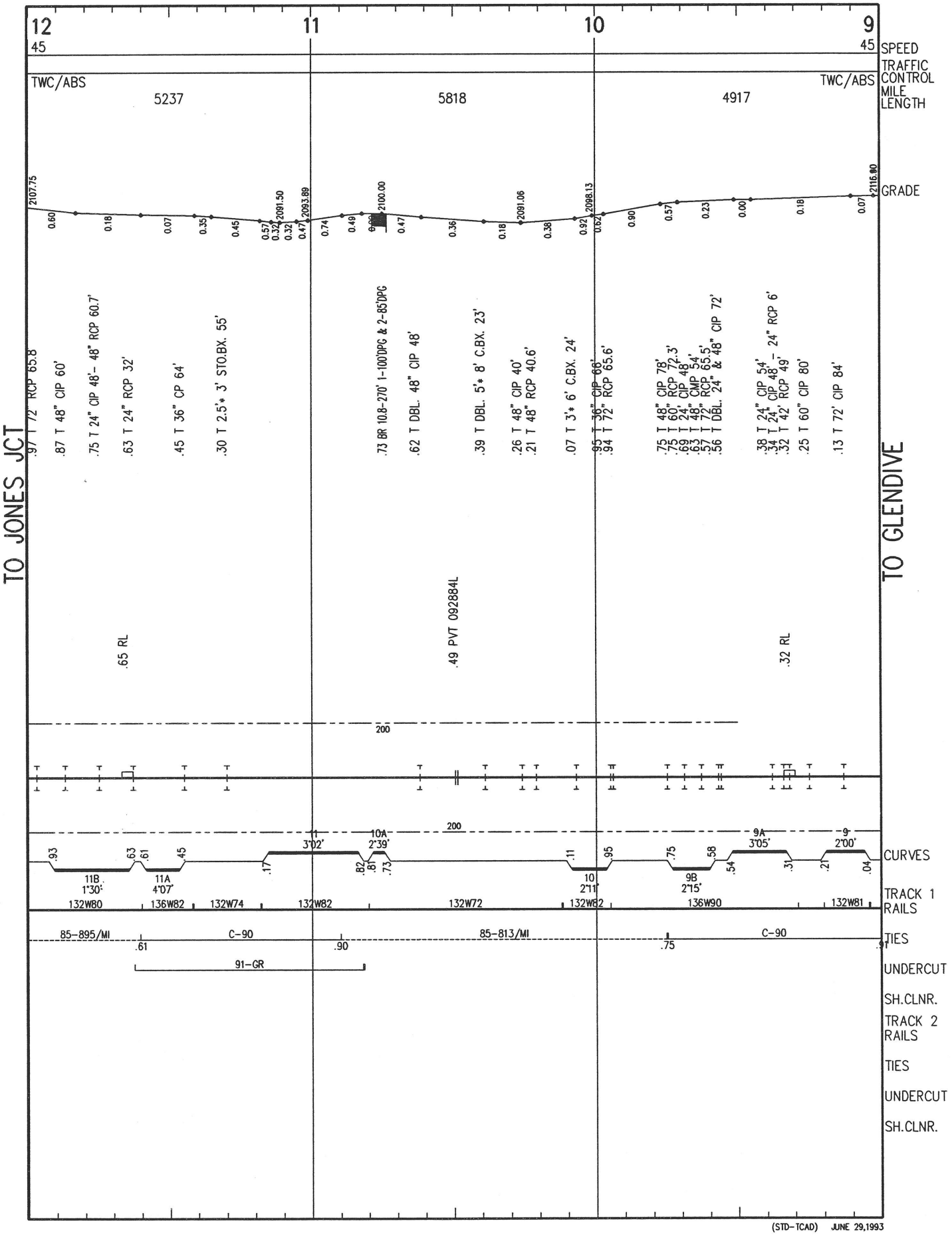

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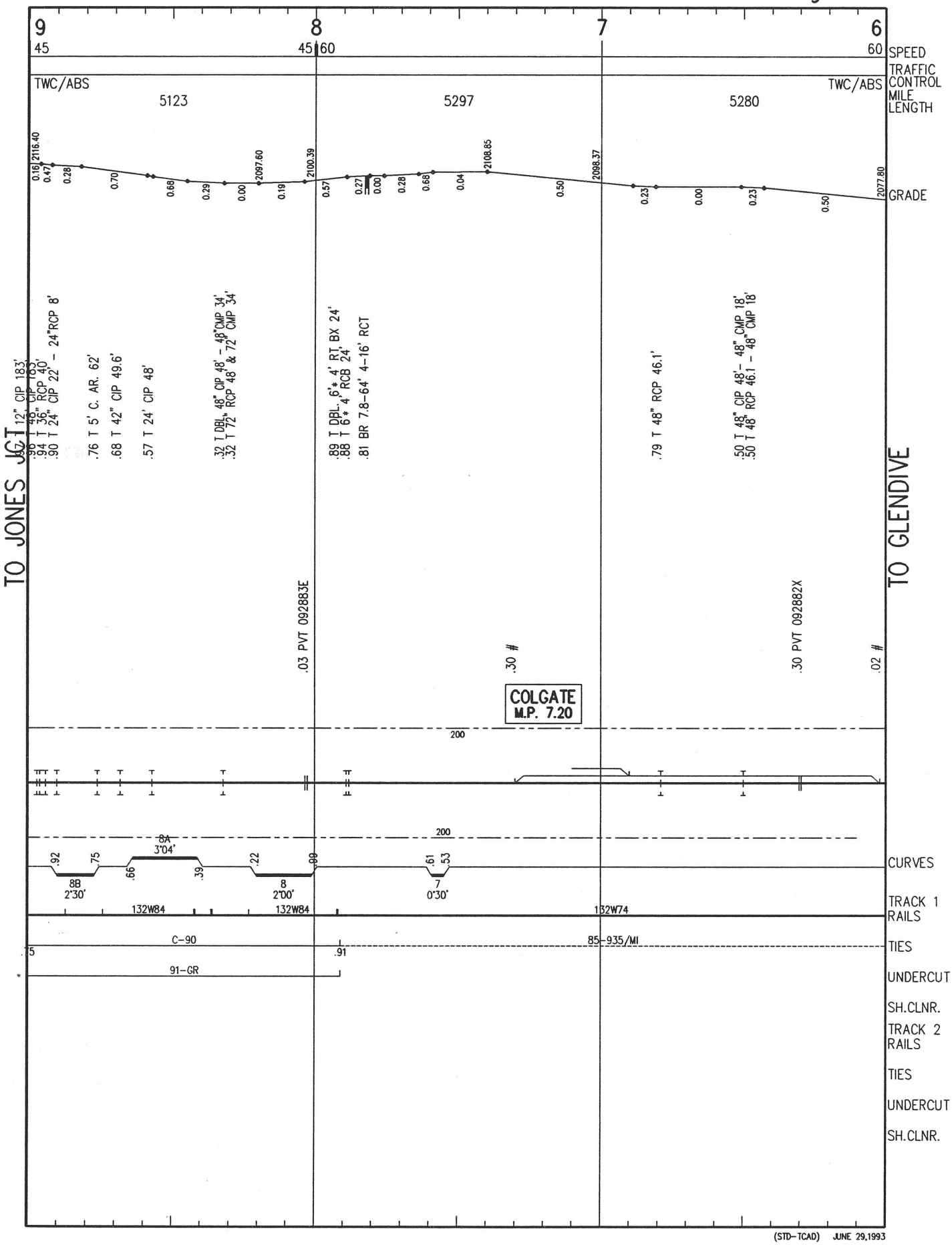

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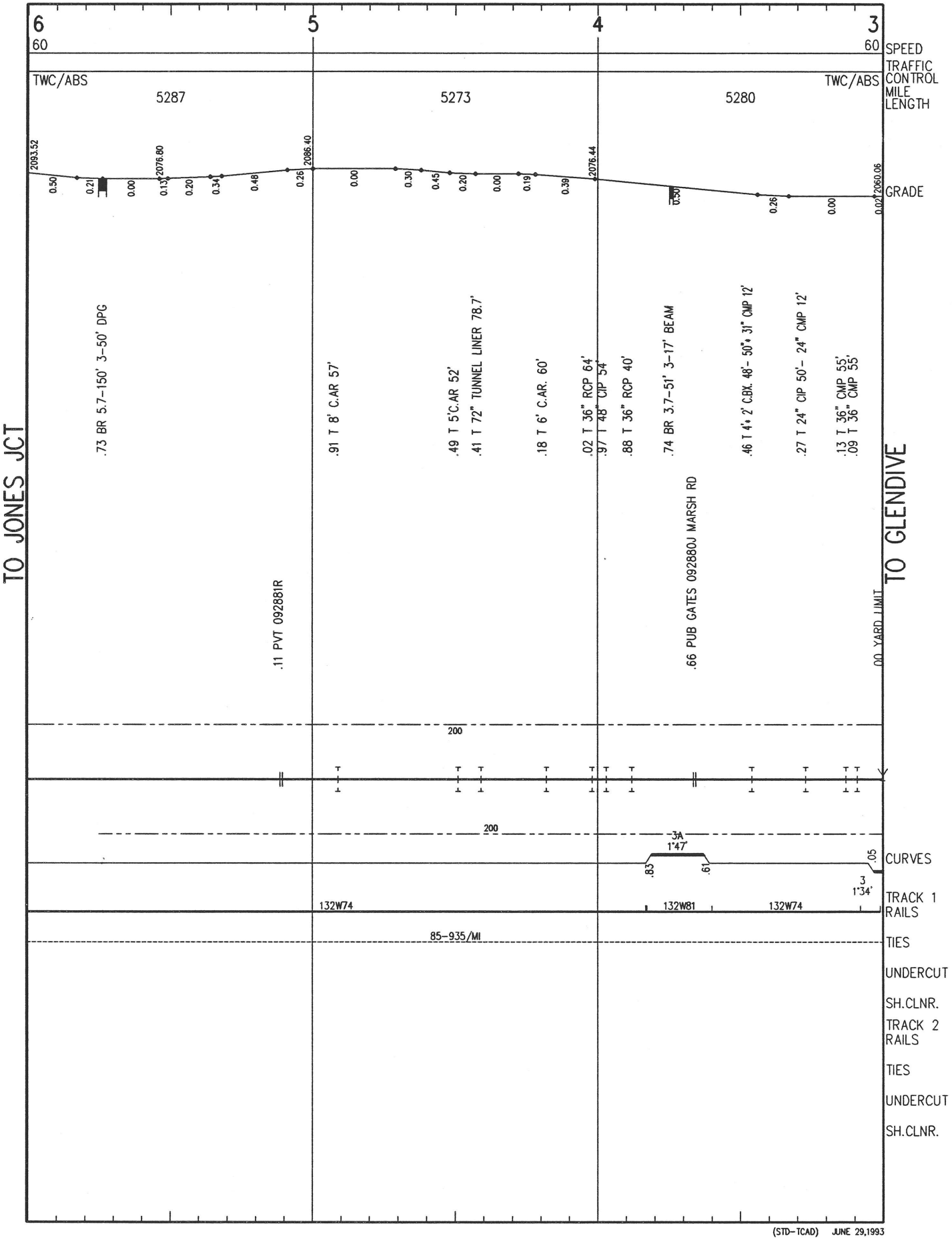

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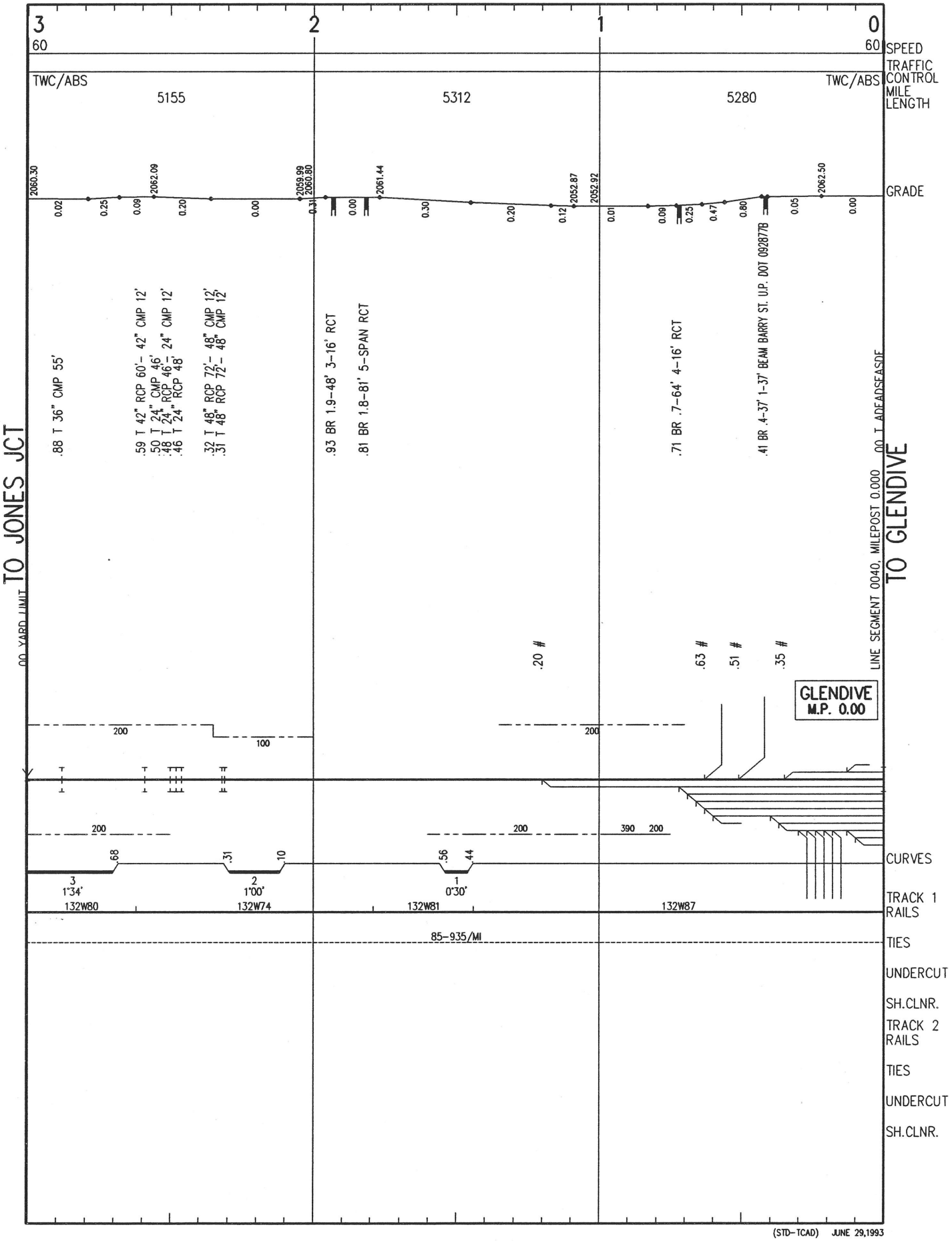
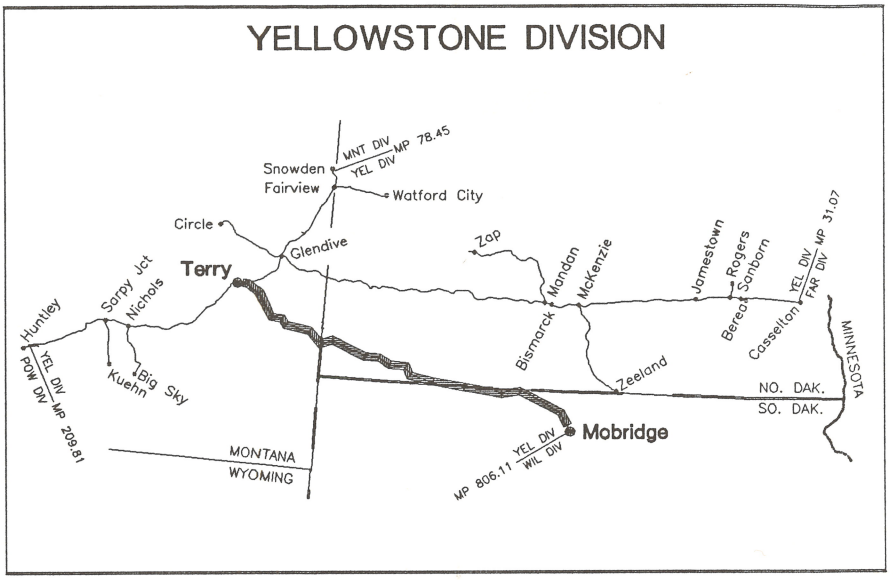
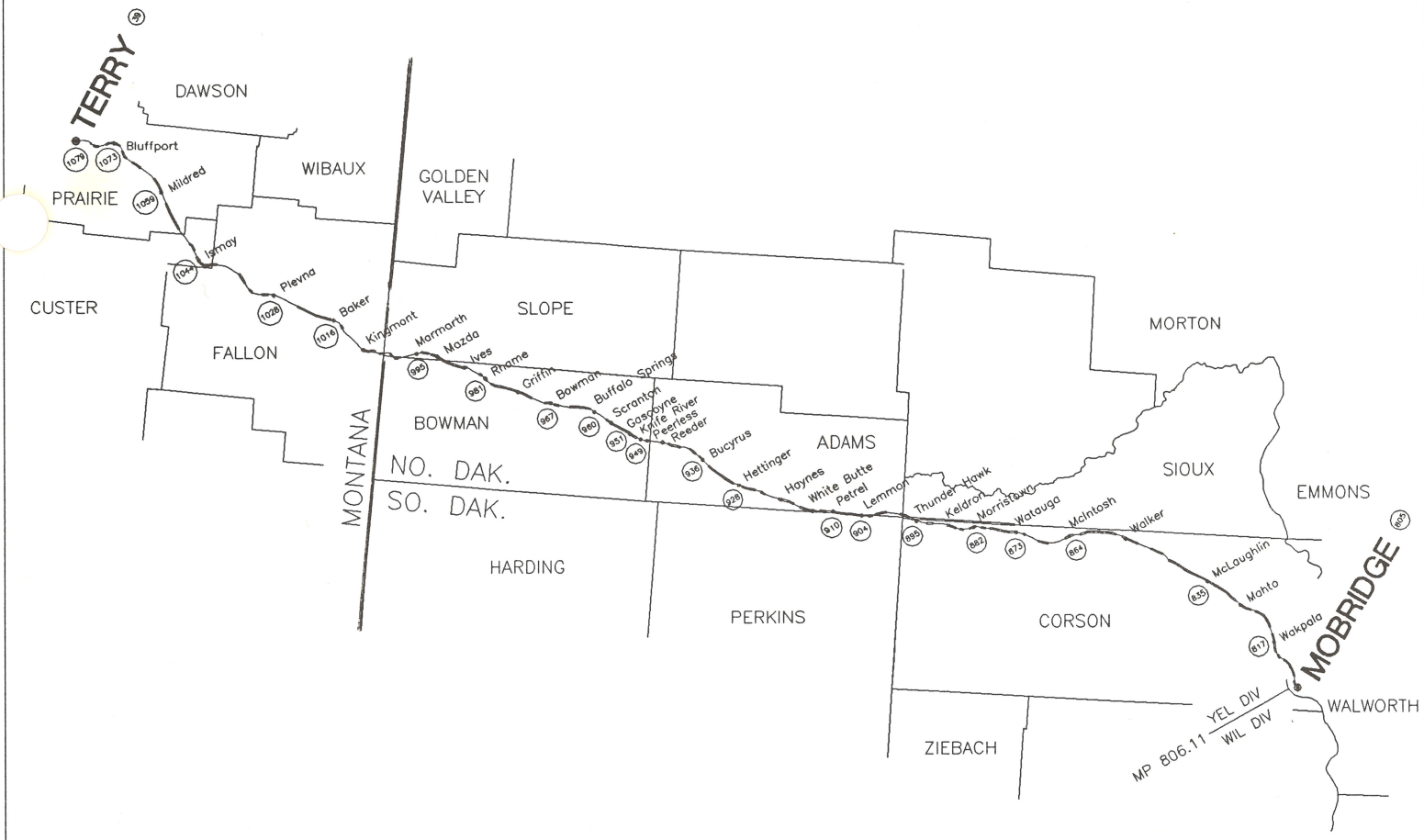


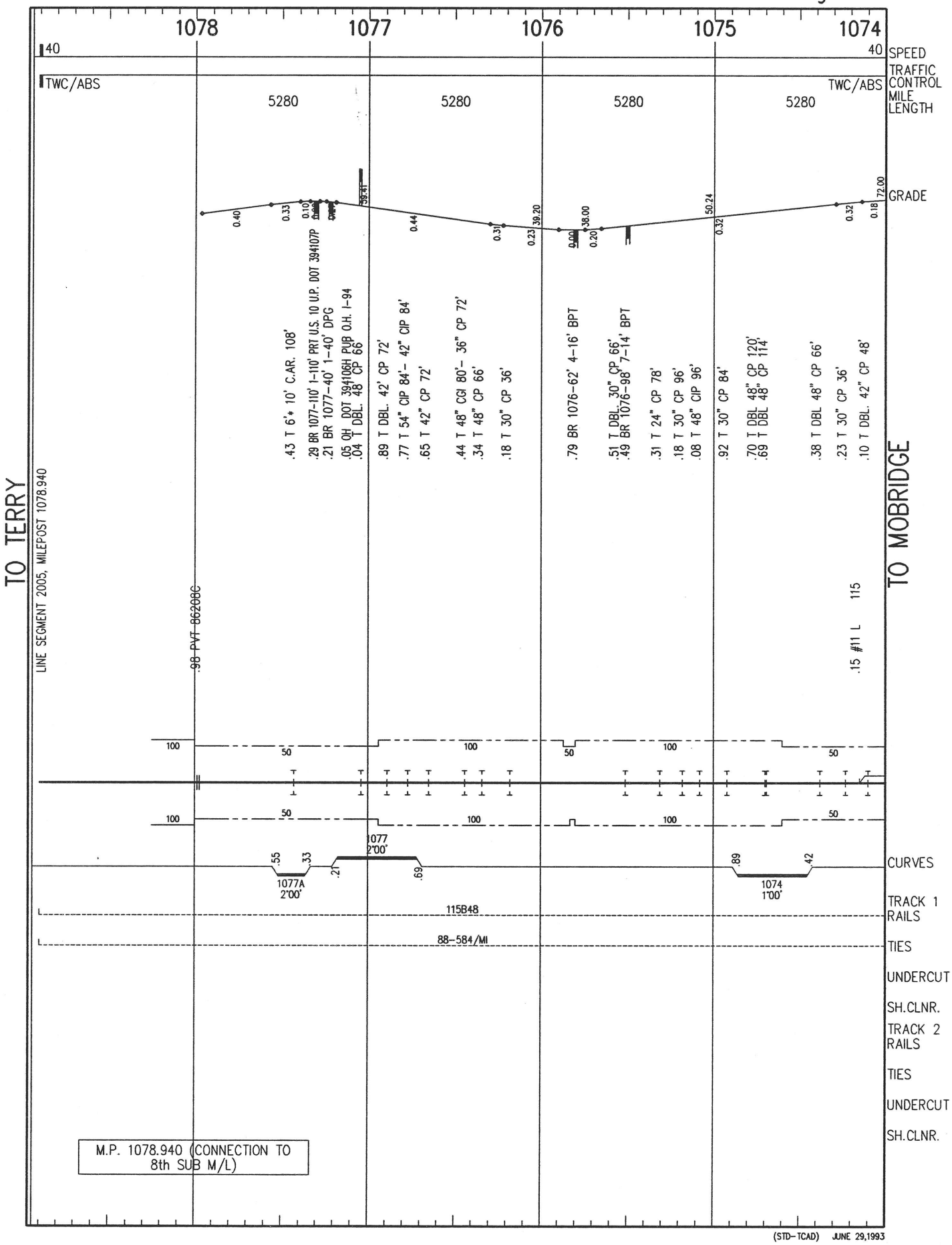
(STD-TCAD) JUNE 29,1993

BURLINGTON NORTHERN
YELLOWSTONE DIVISION

HETTINGER SUBDIVISION







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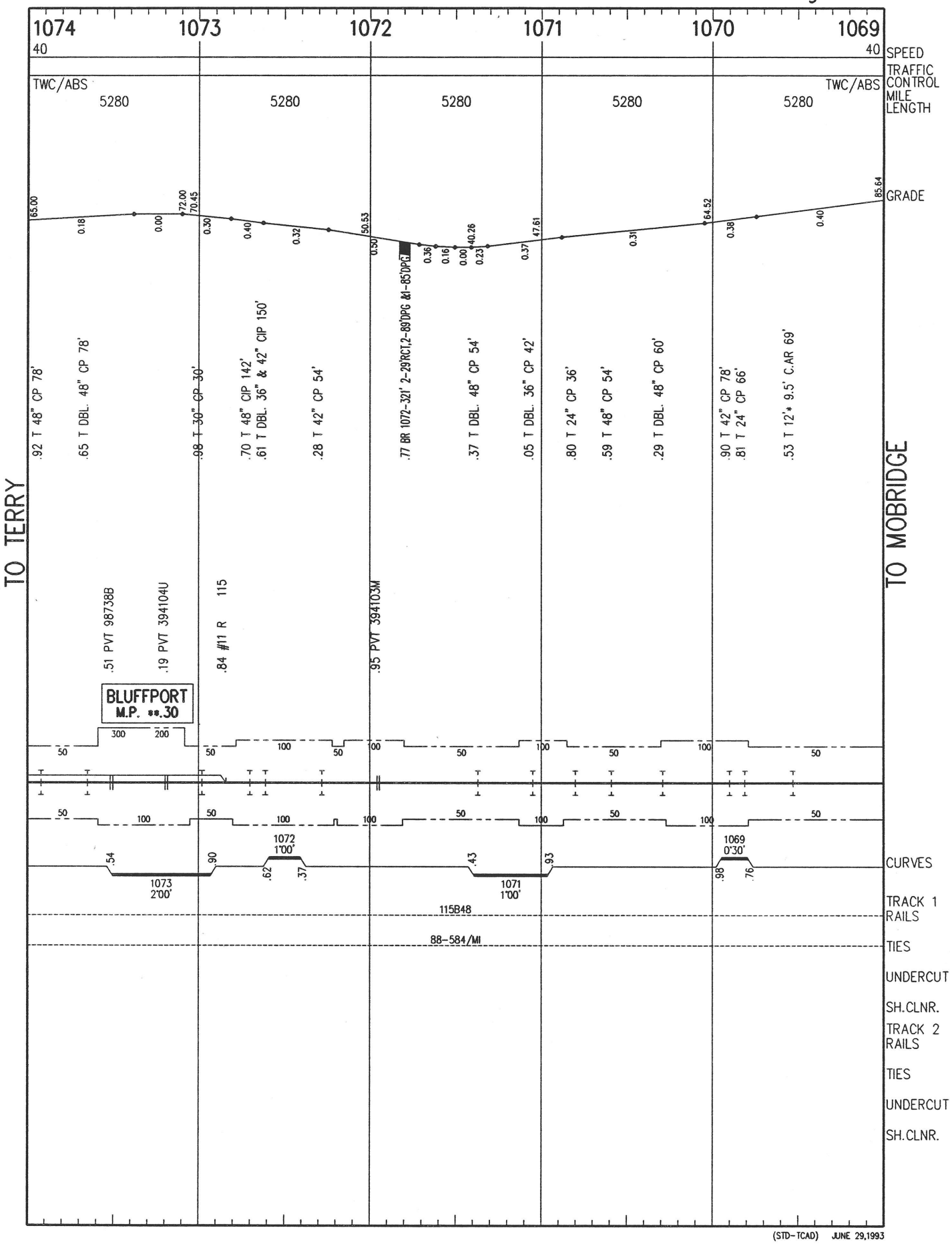
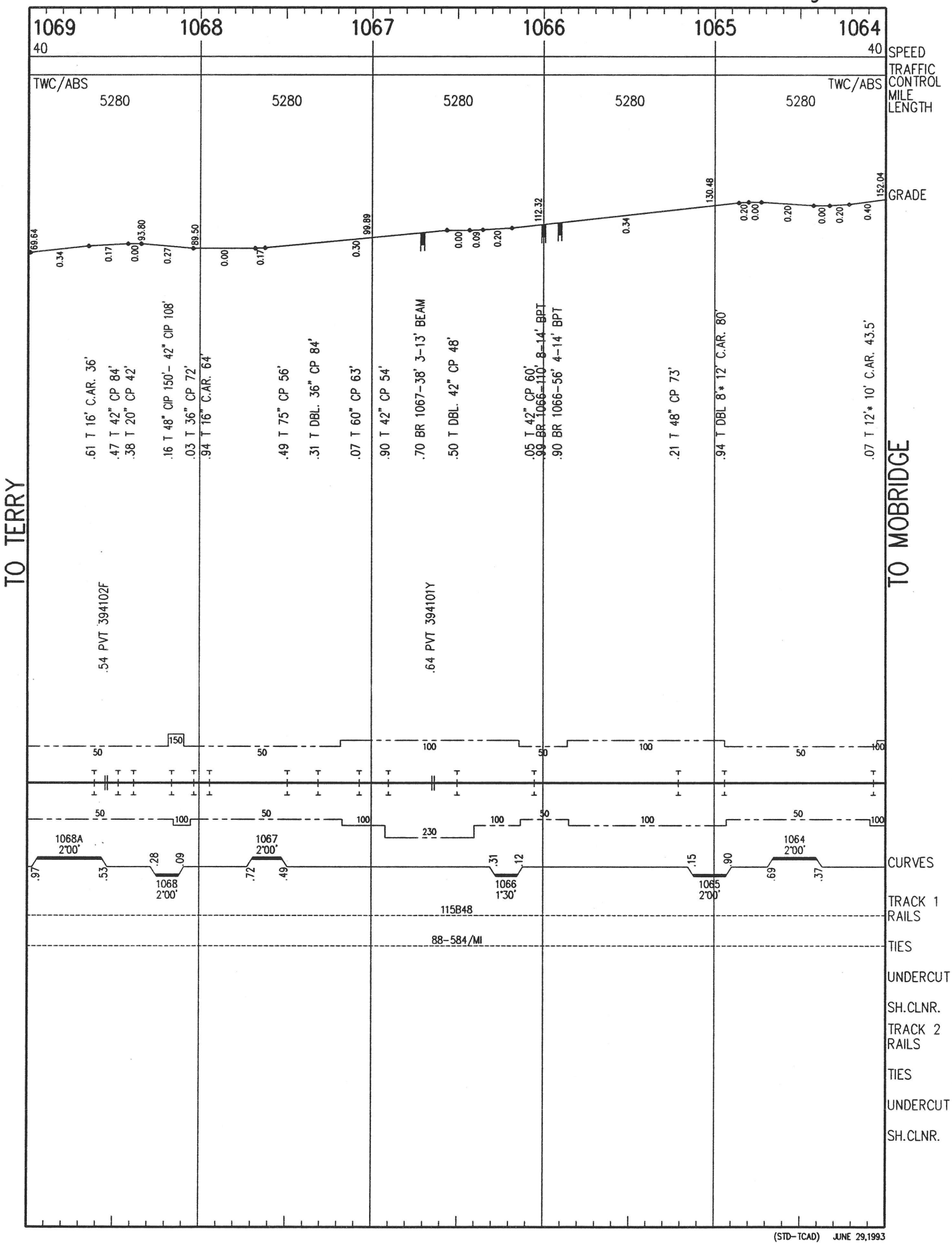

1074
1073
1072
1071
1070
1069
40
40
SPEED
TRAFFIC CONTROL
TWC/ABS
TWC/ABS
5280
5280
5280
5280
5280
MILE LENGTH
GRADE
65.00
72.00
70.45
50.53
40.26
47.61
64.52
85.64
0.18
0.00
0.30
0.40
0.32
0.50
0.36
0.16
0.00
0.23
0.37
0.31
0.38
0.40
.92 T 48" CP 78'
.65 T DBL. 48" CP 78'
.98 T 30" CP 30'
.70 T 48" CIP 142'
.61 T DBL. 36" & 42" CIP 150'
.28 T 42" CP 54'
.77 BR 1072-321' 2-29'RCT,2-89'DPG &1-65'DPG
.37 T DBL. 48" CP 54'
.05 T DBL. 36" CP 42'
.80 T 24" CP 36'
.59 T 48" CP 54'
.29 T DBL. 48" CP 60'
.90 T 42" CP 78'
.81 T 24" CP 66'
.53 T 12'* 9.5' C.AR 69'
TO TERRY
TO MOBRIDGE
.51 PVT 98738B
.19 PVT 394104U
.84 #11 R 115
.95 PVT 394103M
BLUFFPORT
M.P. **.30
300
200
50
100
50
100
50
100



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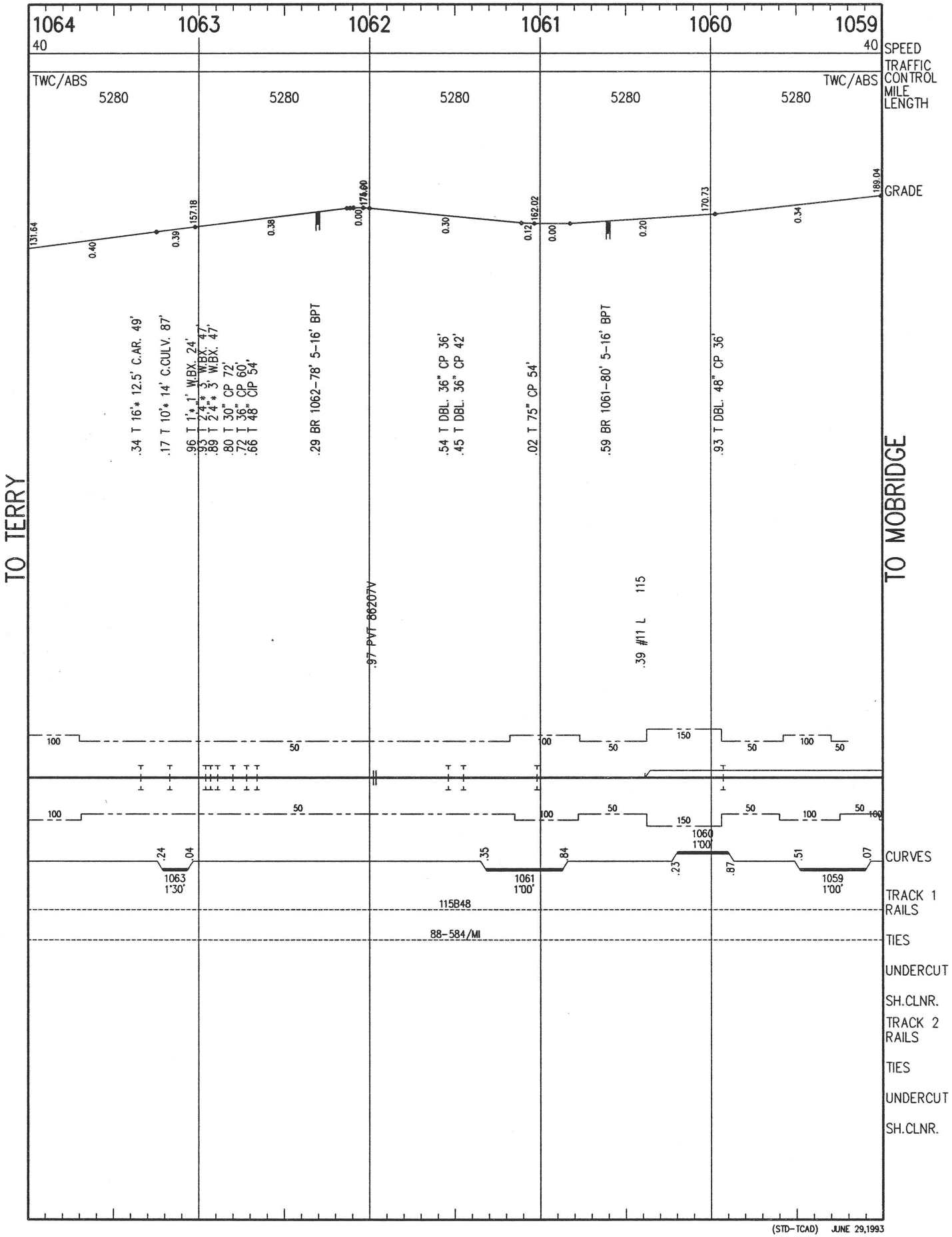

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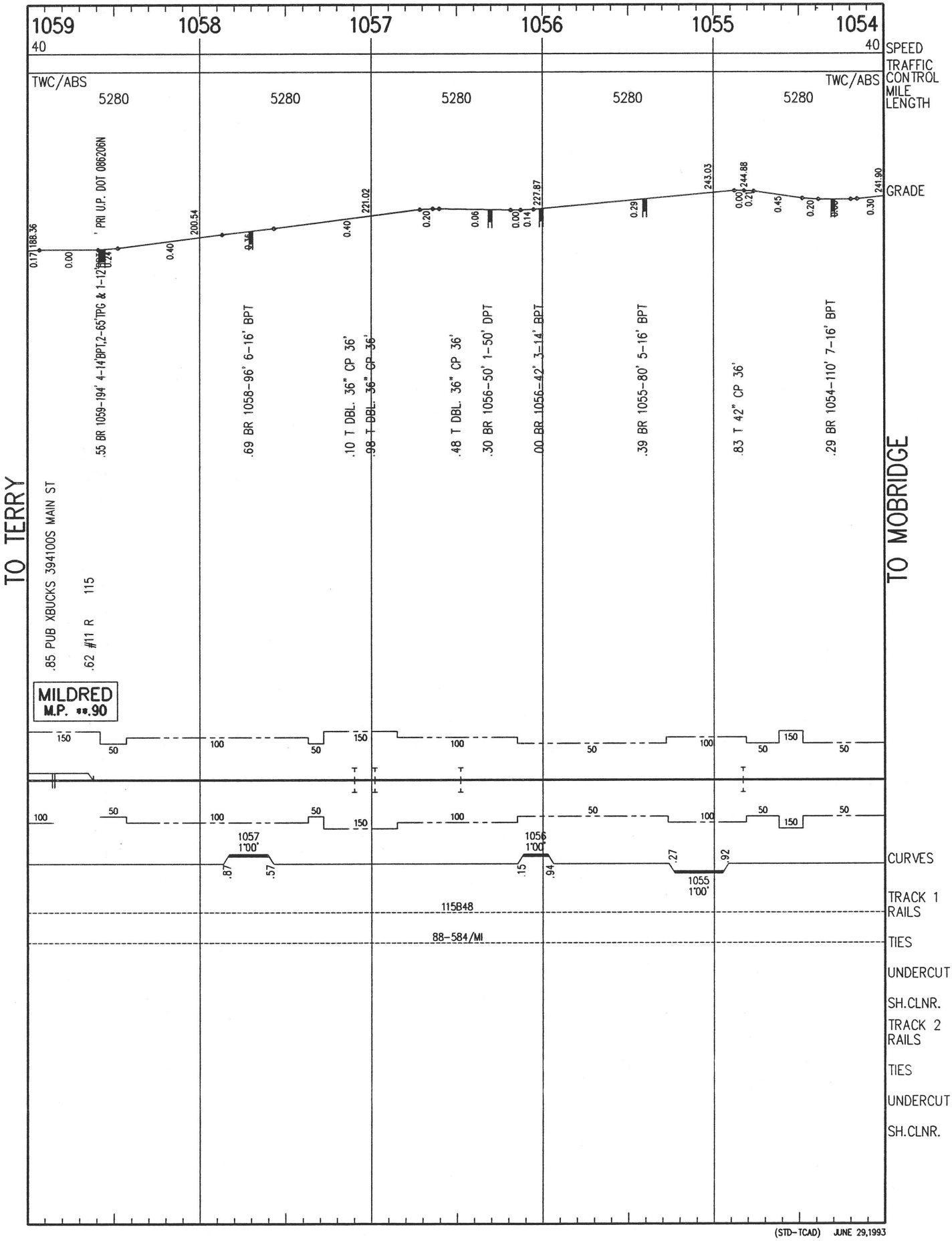

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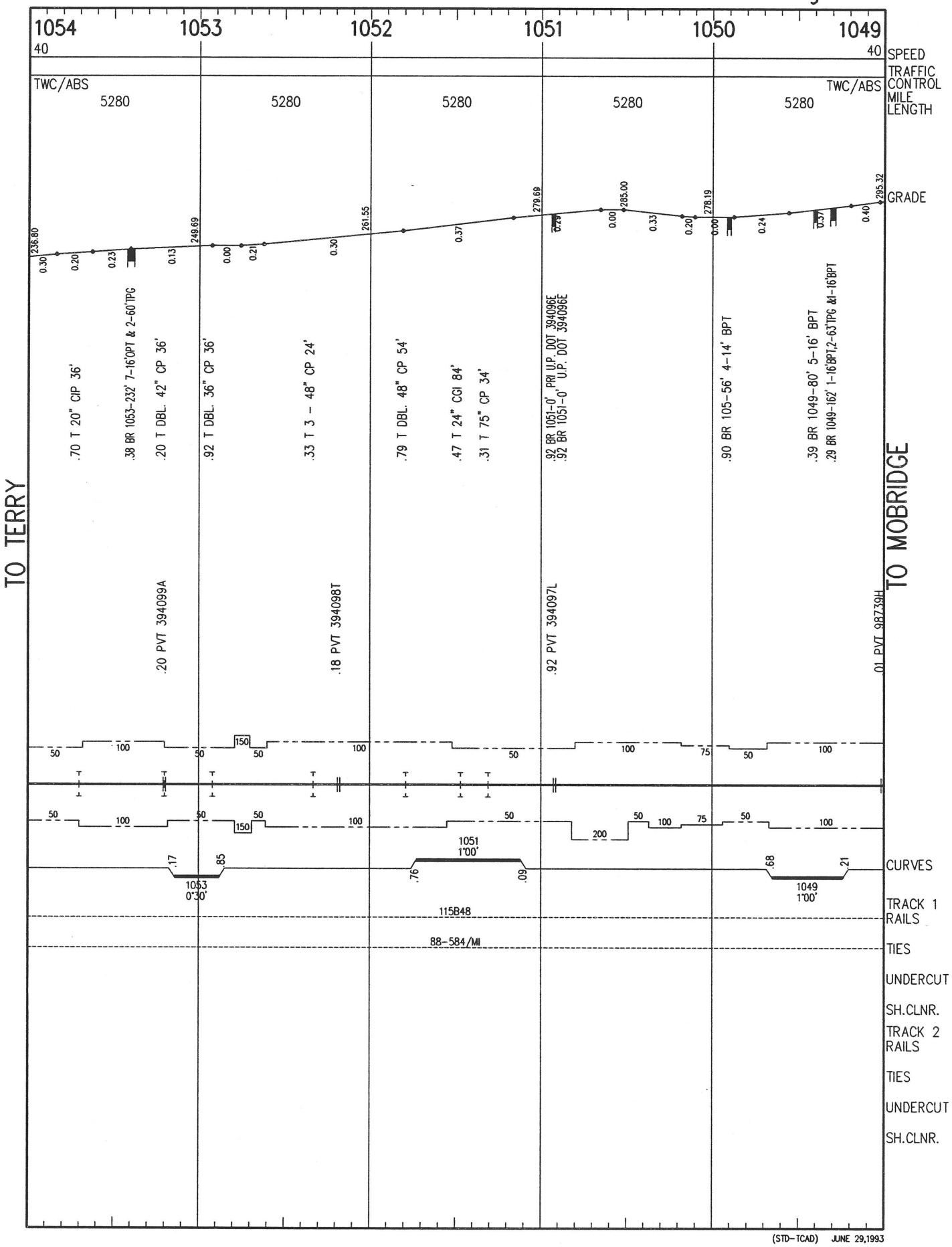

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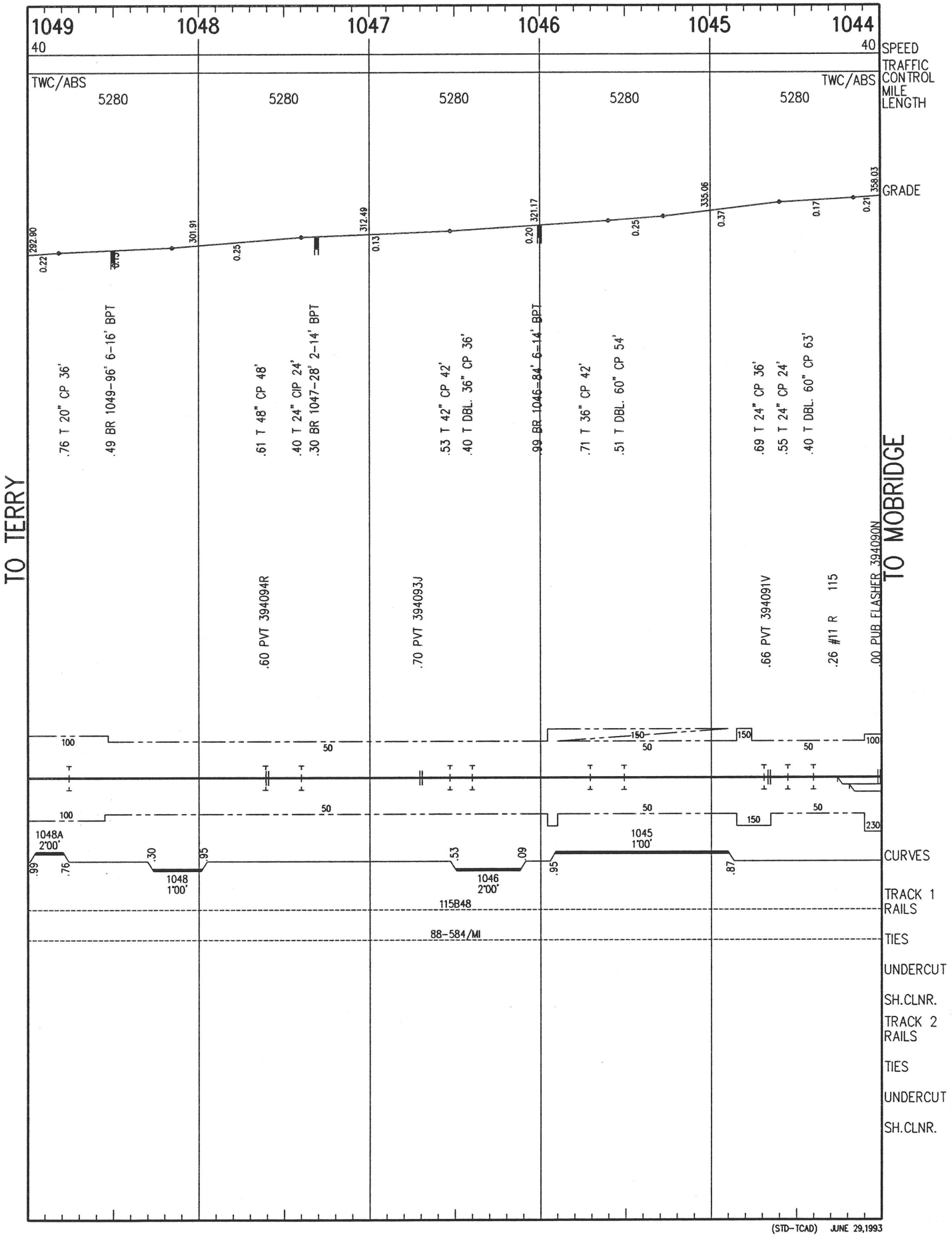

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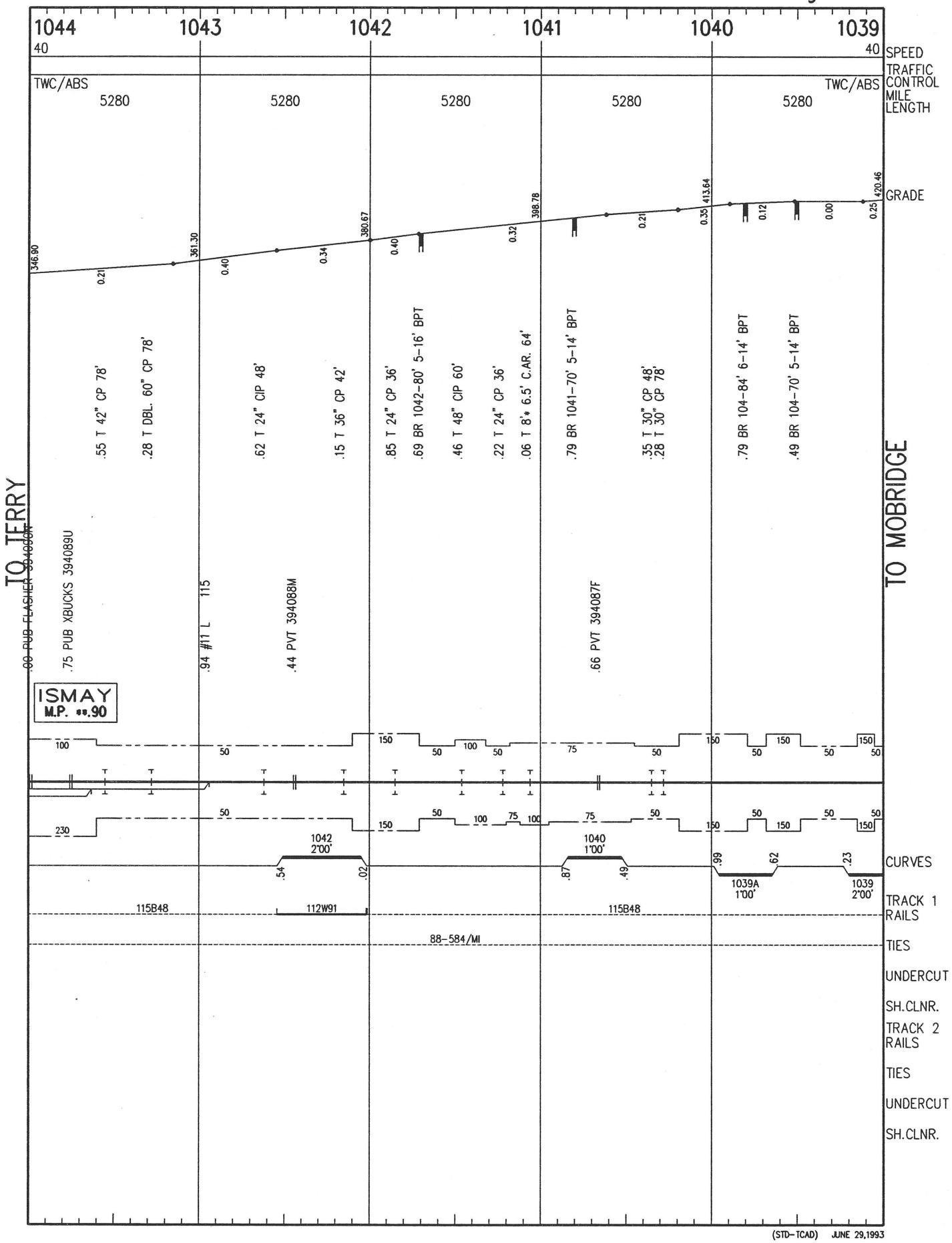

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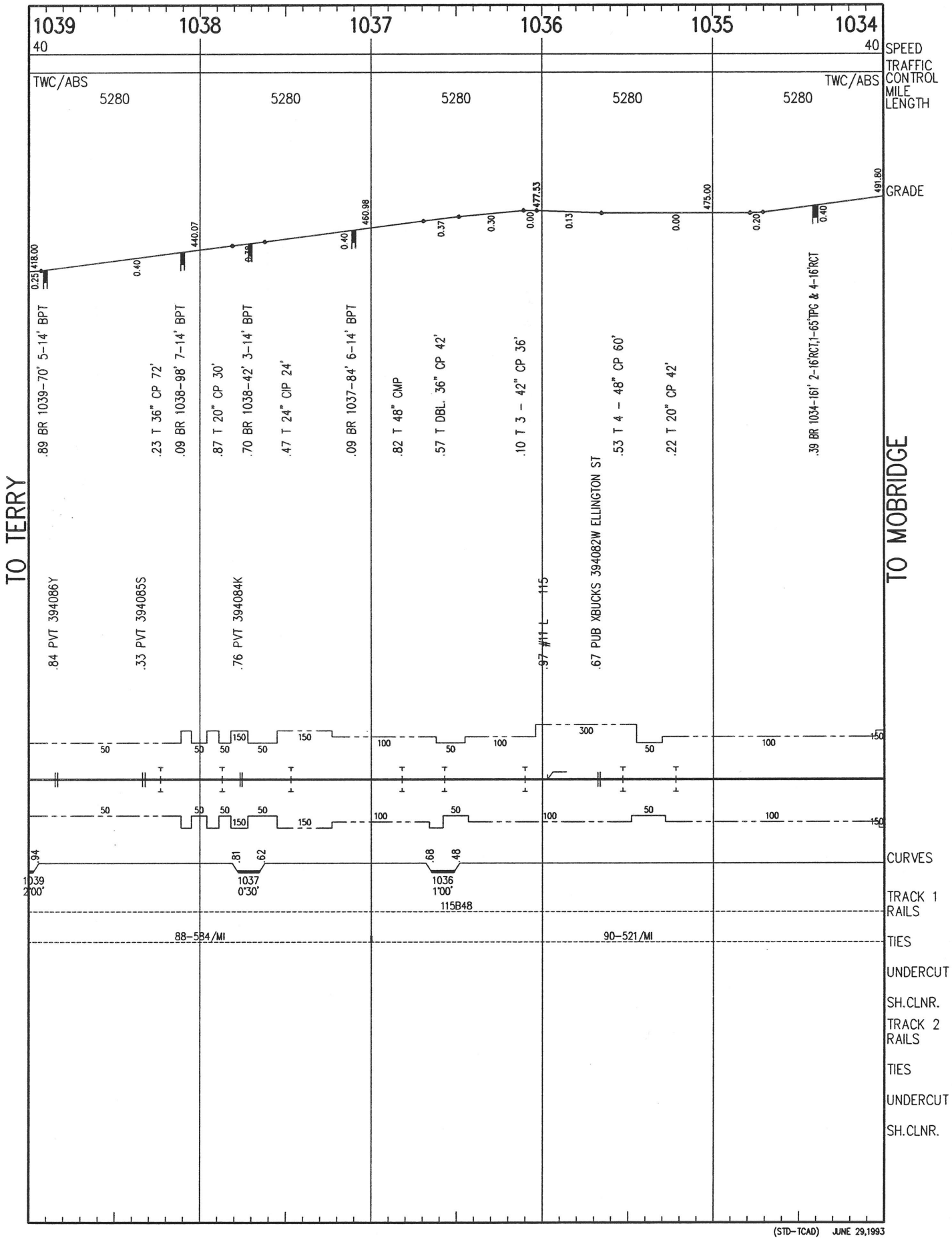
1039
1038
1037
1036
1035
1034
40
40
SPEED
TRAFFIC CONTROL
TWC/ABS
TWC/ABS
5280
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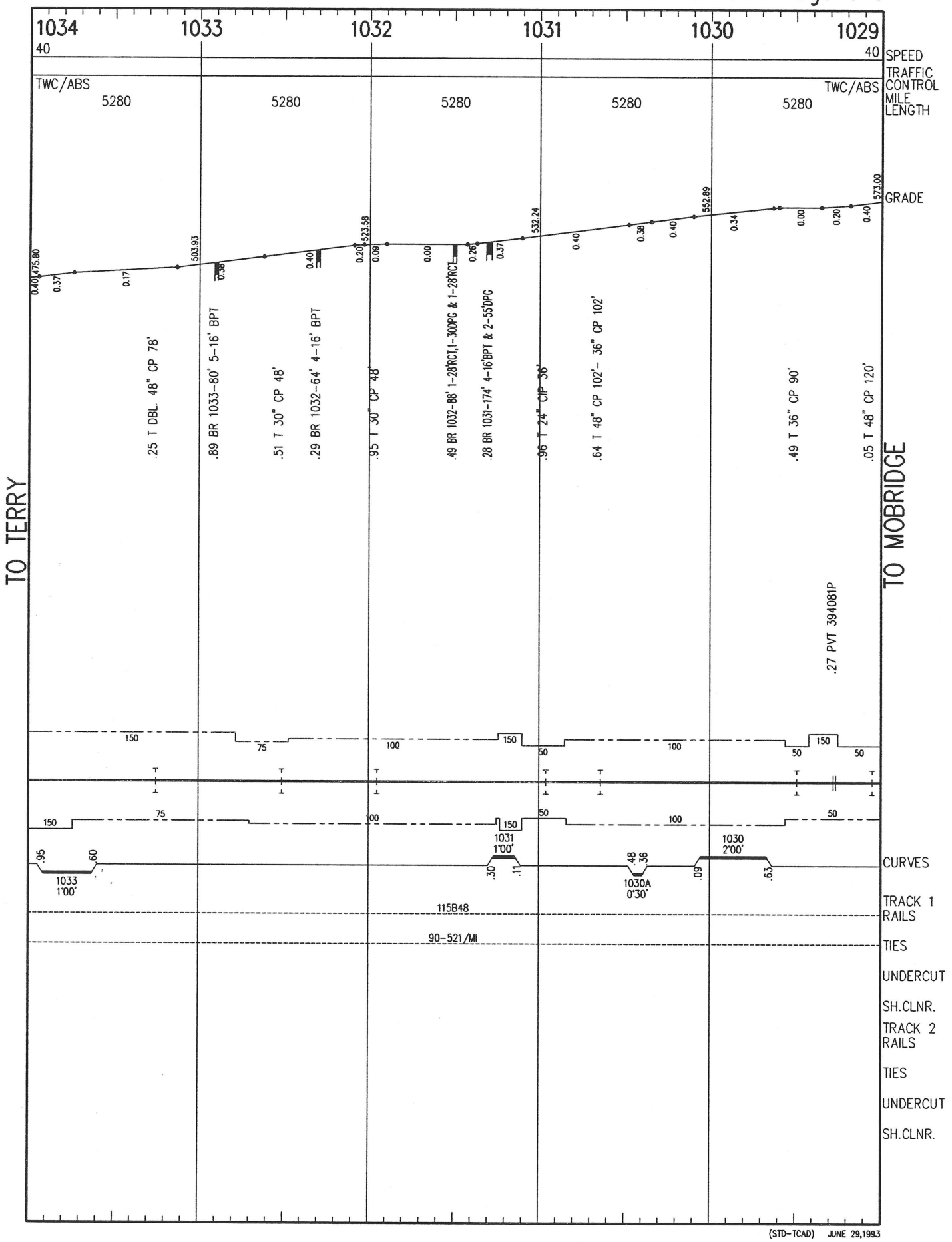
5280
5280
5280
MILE LENGTH
GRADE
418.00
440.07
460.98
477.53
475.00
491.80
0.25
0.40
0.40
0.37
0.30
0.00
0.13
0.00
0.20
0.40
.89 BR 1039-70' 5-14' BPT
.23 T 36" CP 72'
.09 BR 1038-98' 7-14' BPT
.87 T 20" CP 30'
.70 BR 1038-42' 3-14' BPT
.47 T 24" CIP 24'
.09 BR 1037-84' 6-14' BPT
.82 T 48" CMP
.57 T DBL. 36" CP 42'
.10 T 3 - 42" CP 36'
.53 T 4 - 48" CP 60'
.22 T 20" CP 42'
.39 BR 1034-161' 2-16'RCT,1-65'TPG & 4-16'RCT
TO TERRY
TO MOBRIDGE
.84 PVT 394086Y
.33 PVT 394085S
.76 PVT 394084K
.97 #11 L 115
.67 PUB XBUCKS 394082W ELLINGTON ST
50
50
50
50
150
150
100
50
100
300
50
100
150
50
50
50
150
50
150
100
50
100
50
100
150
.94
.81
.62
.68
.48
CURVES
1039
2°00'
1037
0°30'
1036
1°00'
115B48
TRACK 1 RAILS
88-584/MI
90-521/MI
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
(STD-TCAD) JUNE 29,1993



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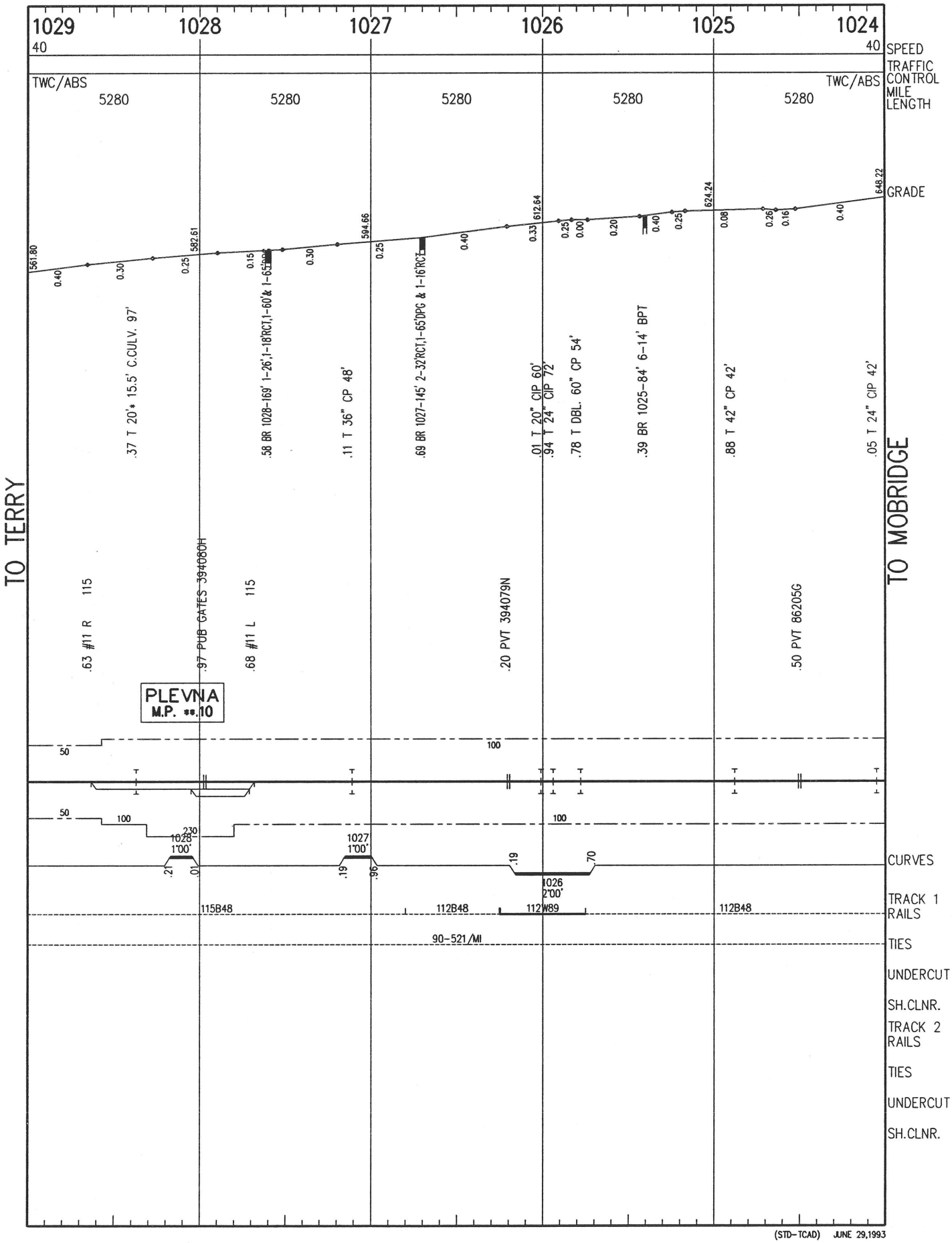

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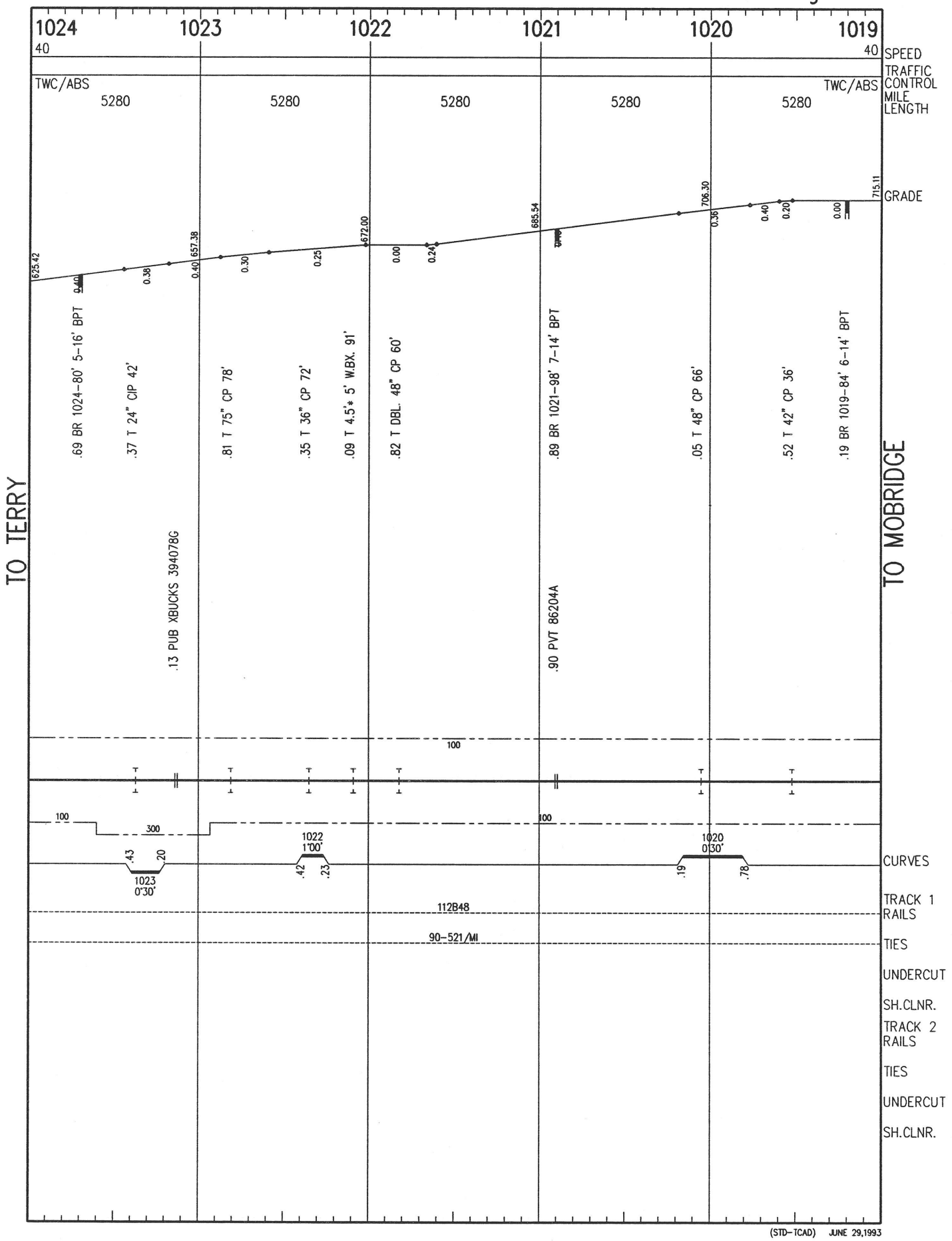

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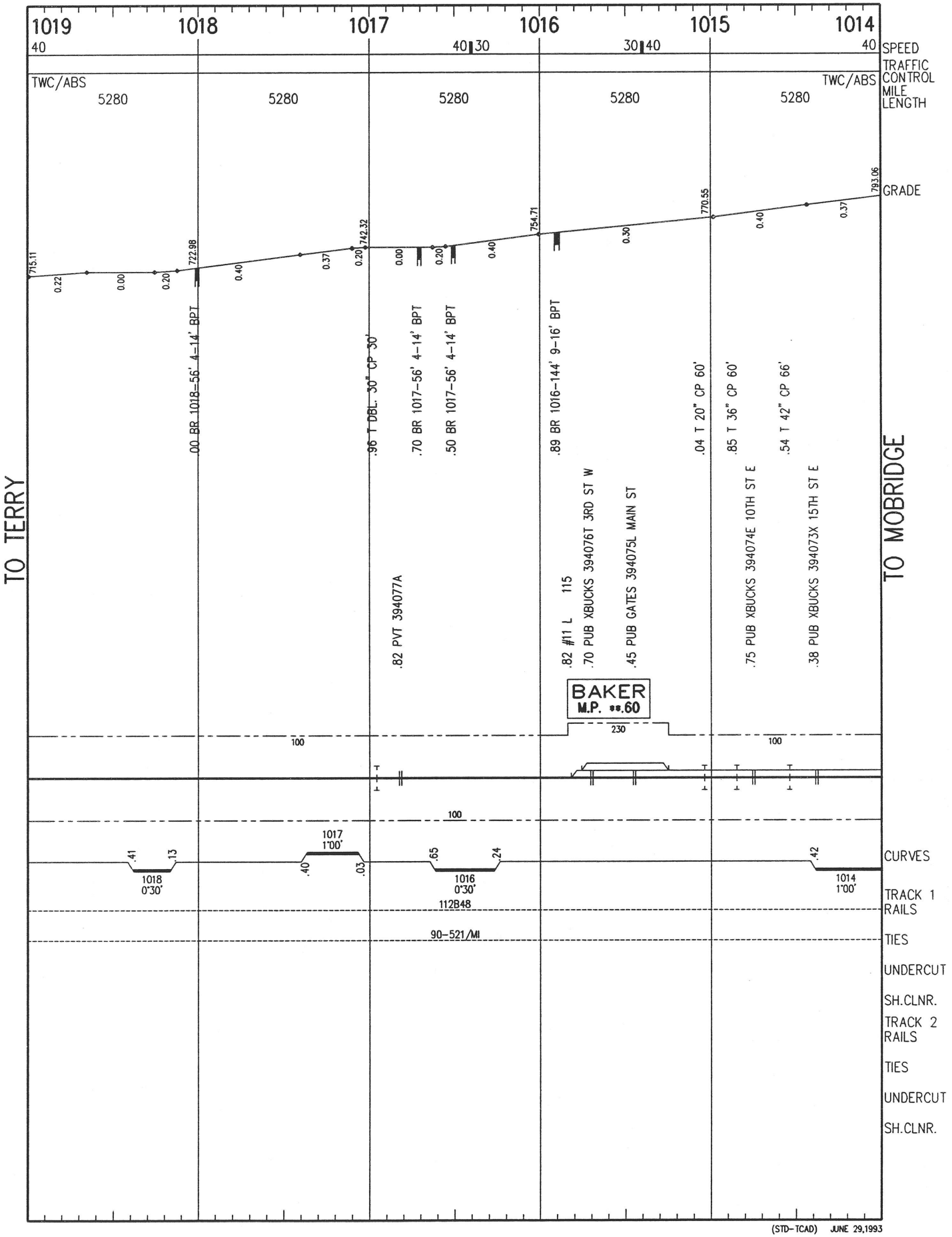

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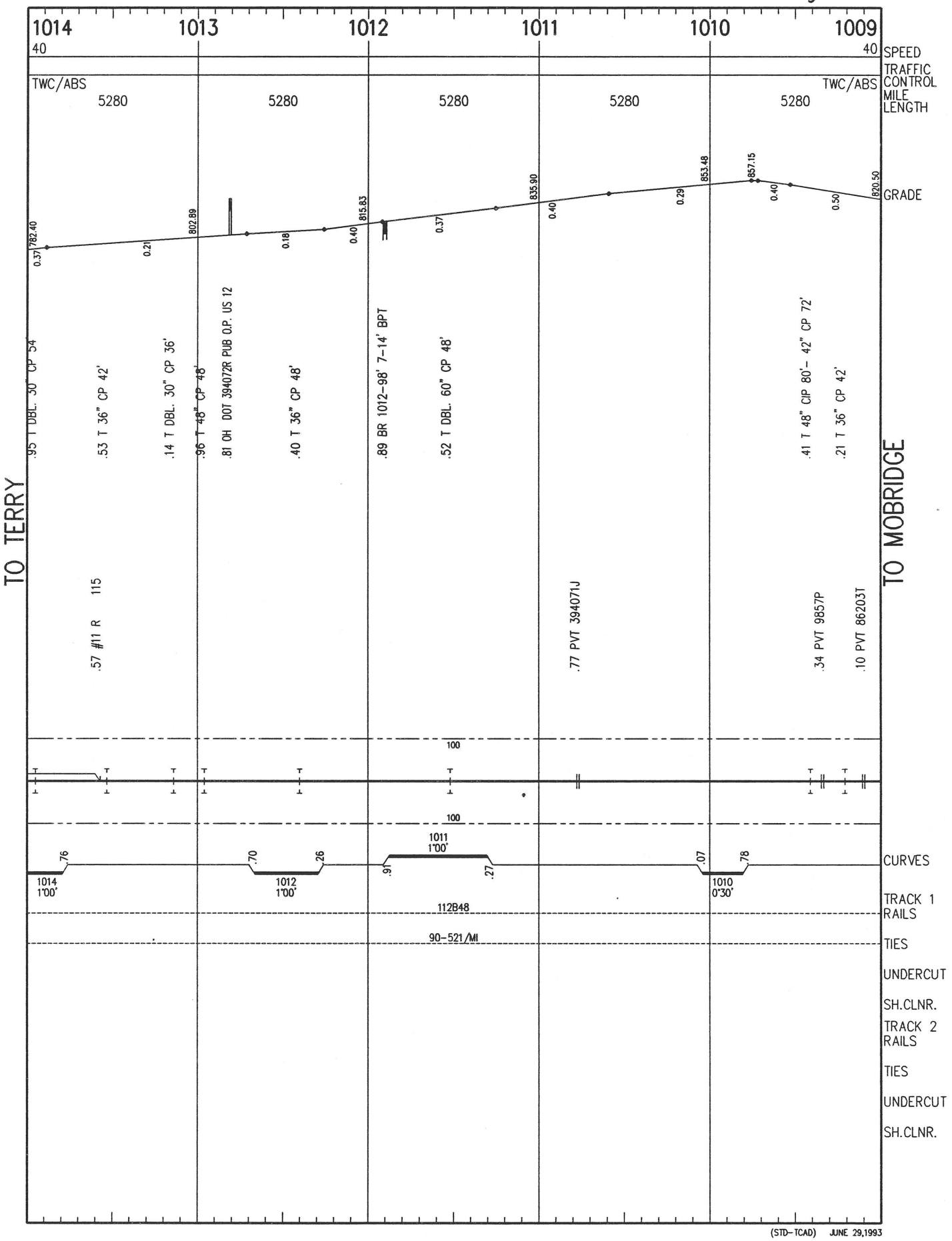

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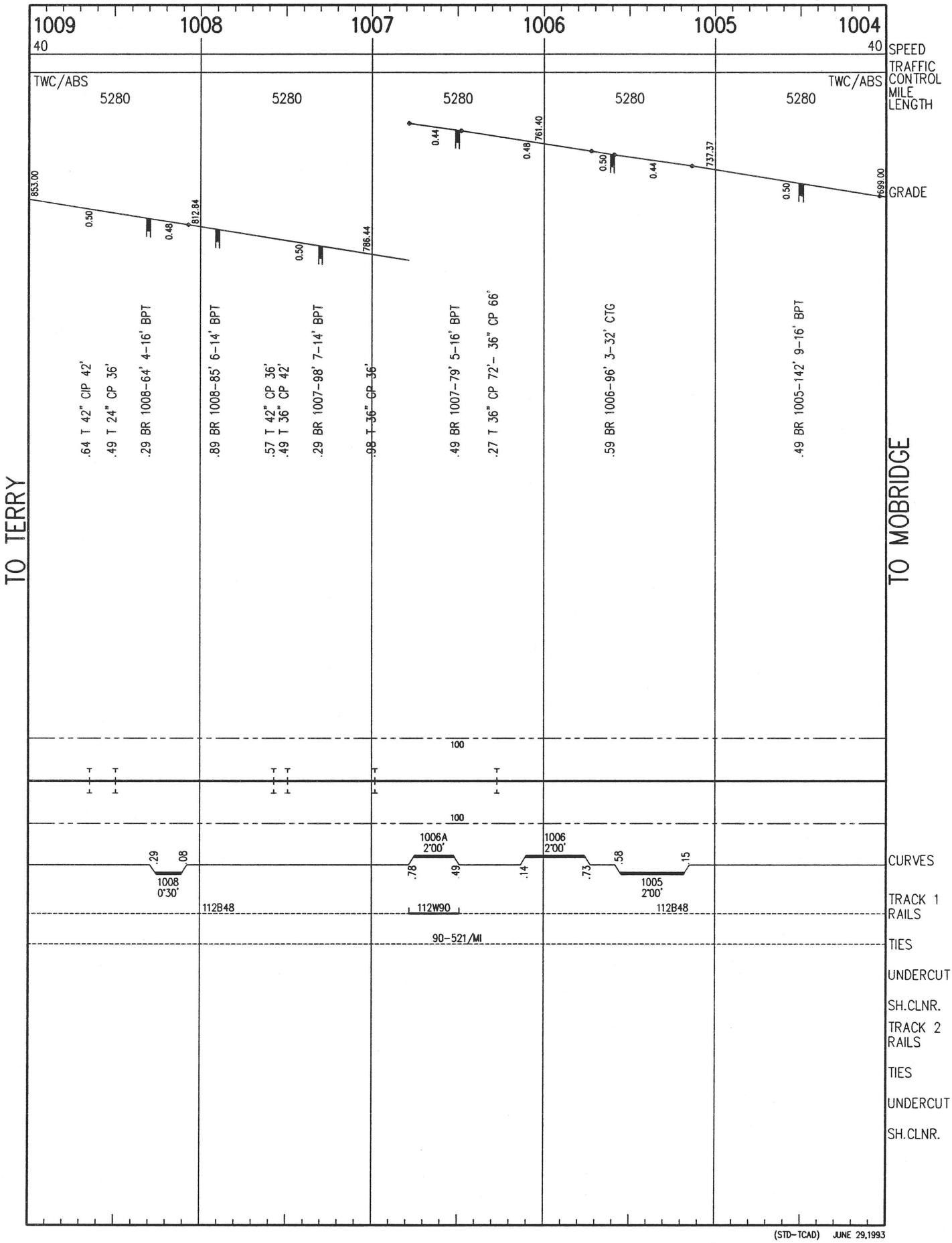

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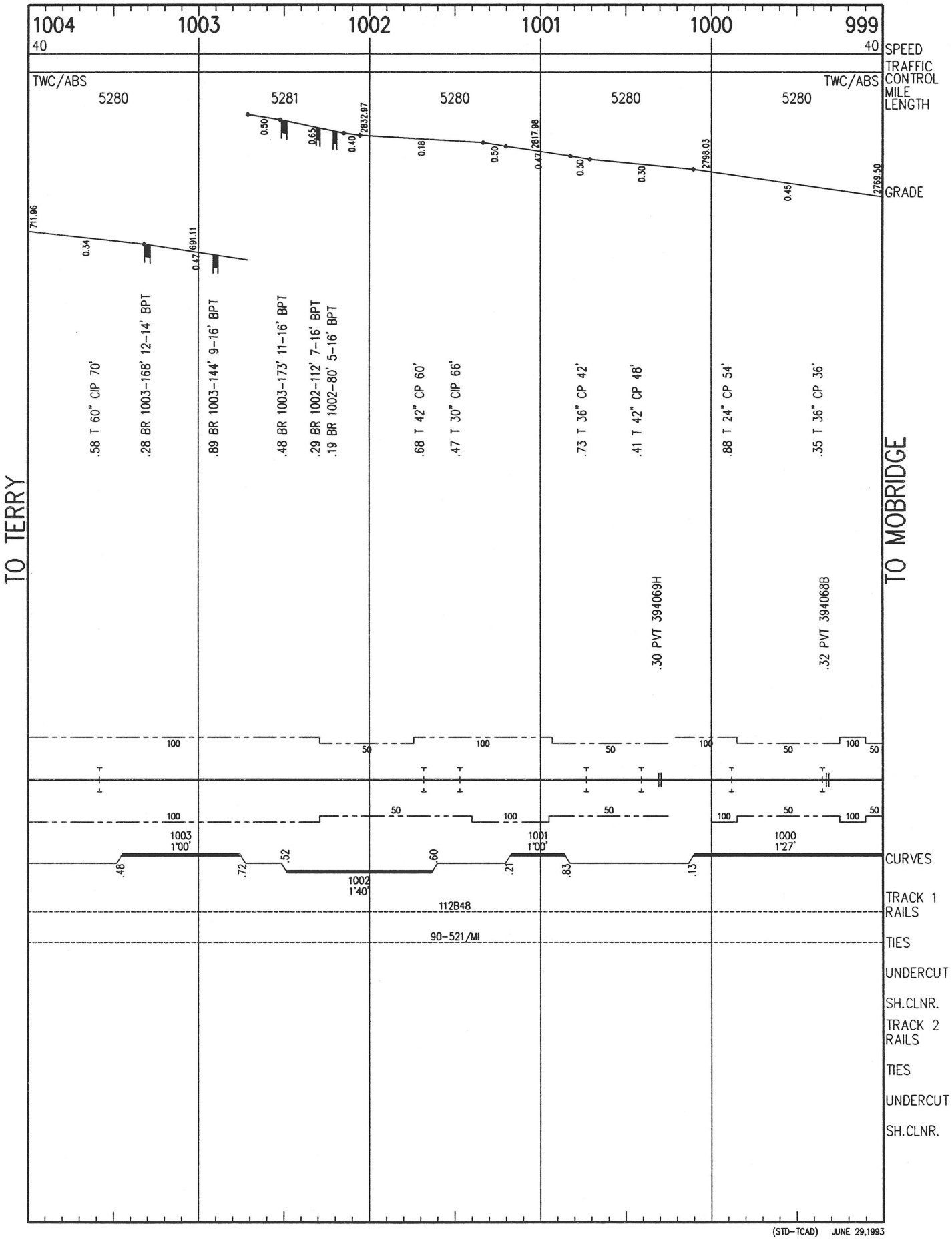
1004
1003
1002
1001
1000
999
40
40
SPEED
TRAFFIC CONTROL
MILE LENGTH
TWC/ABS
TWC/ABS
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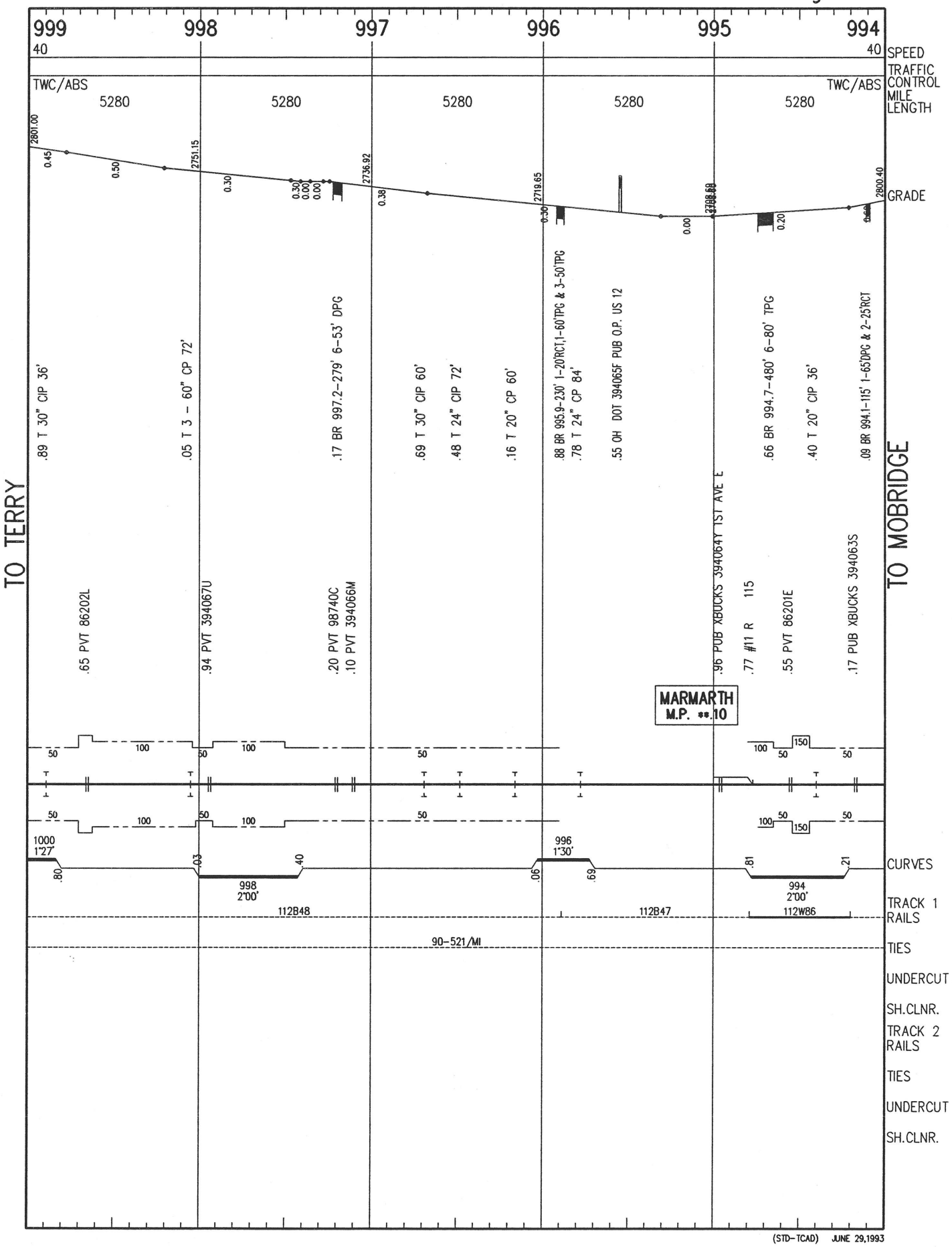
5281
5280
5280
5280
GRADE
711.96
691.11
2832.97
2817.98
2798.03
2769.50
.58 T 60" CIP 70'
.28 BR 1003-168' 12-14' BPT
.89 BR 1003-144' 9-16' BPT
.48 BR 1003-173' 11-16' BPT
.29 BR 1002-112' 7-16' BPT
.19 BR 1002-80' 5-16' BPT
.68 T 42" CP 60'
.47 T 30" CIP 66'
.73 T 36" CP 42'
.41 T 42" CP 48'
.88 T 24" CP 54'
.35 T 36" CP 36'
.30 PVT 394069H
.32 PVT 394068B
TO TERRY
TO MOBRIDGE
1003 1°00'
1002 1°40'
1001 1°00'
1000 1°27'
CURVES
112B48
TRACK 1 RAILS
90-521/MI
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
(STD-TCAD) JUNE 29,1993



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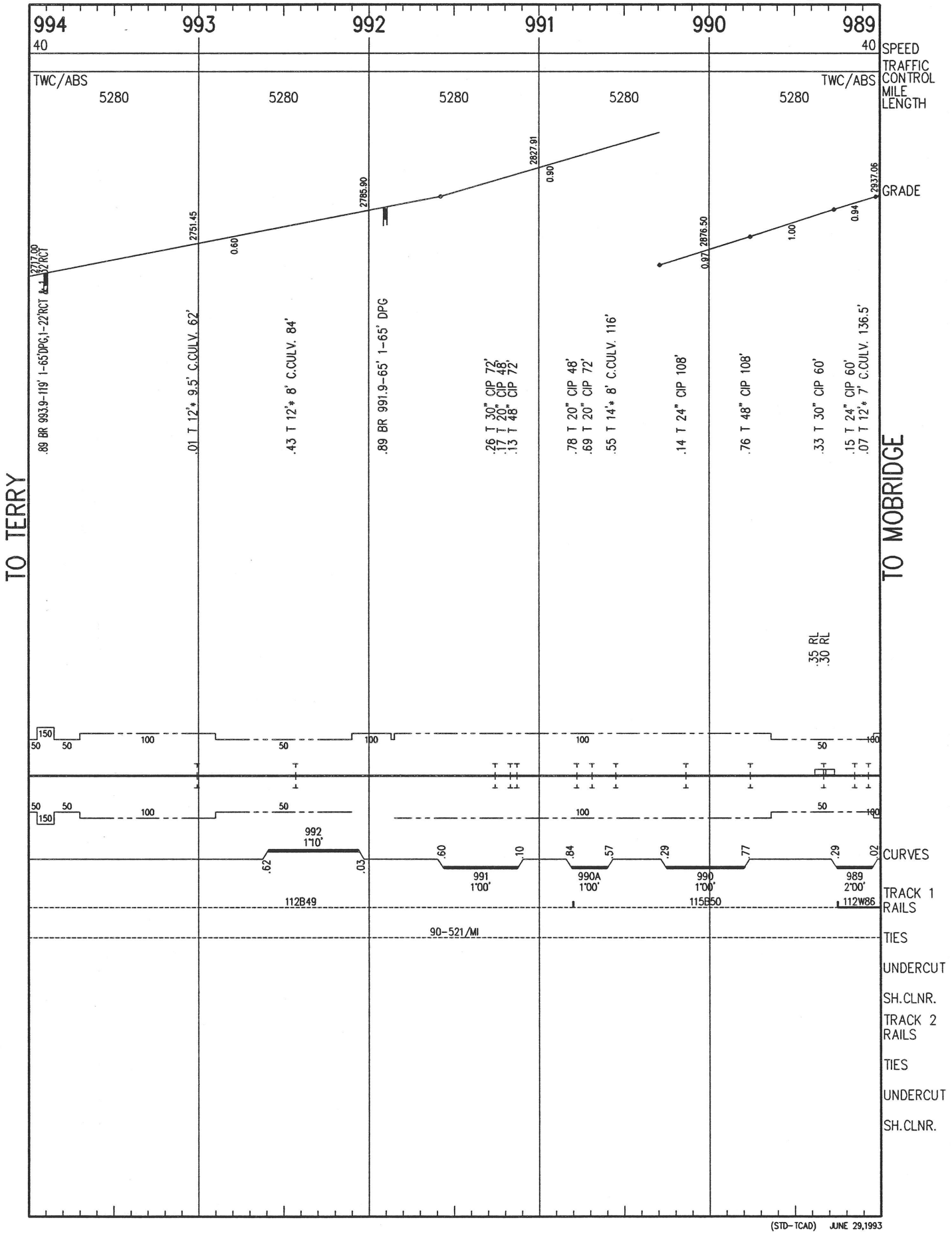

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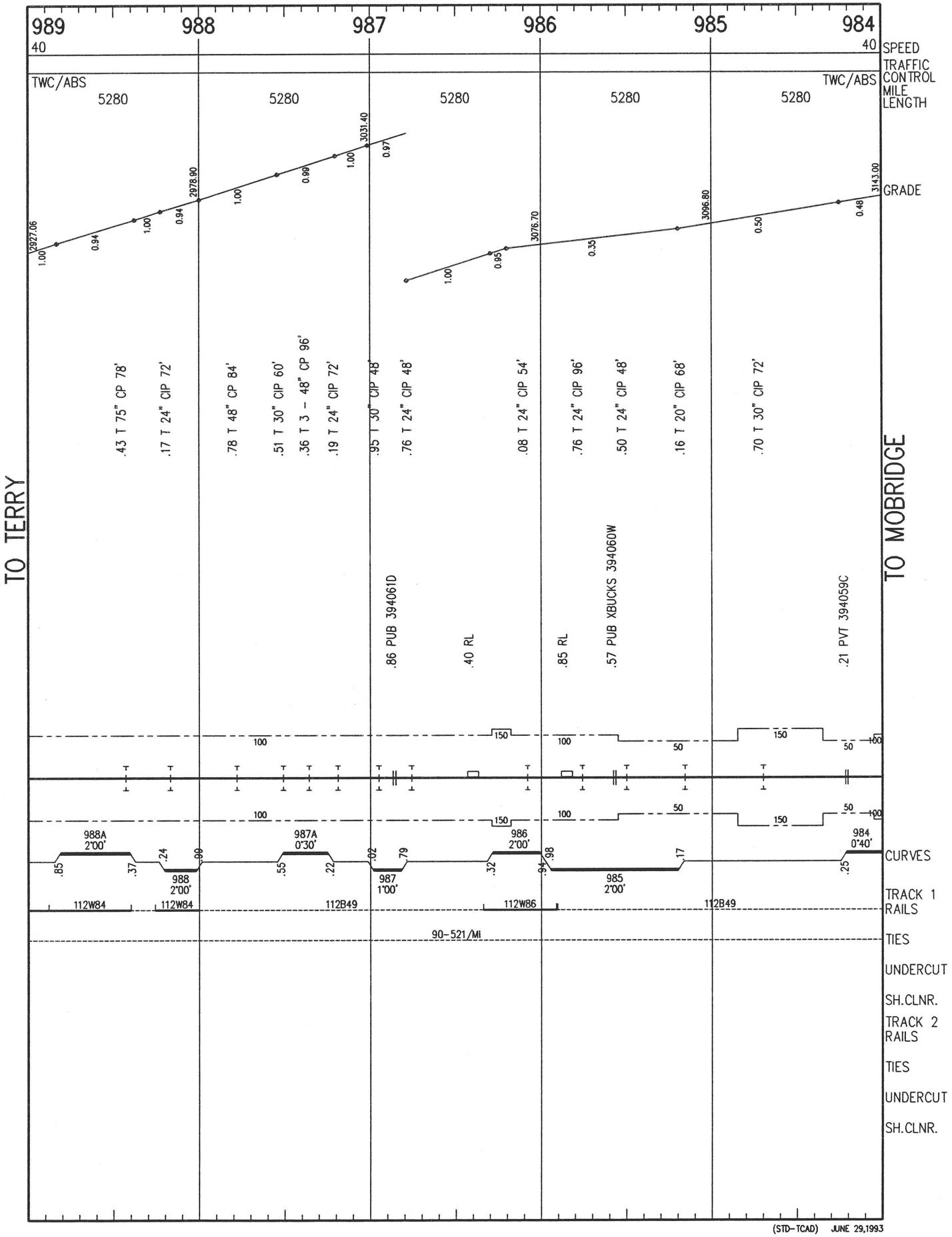

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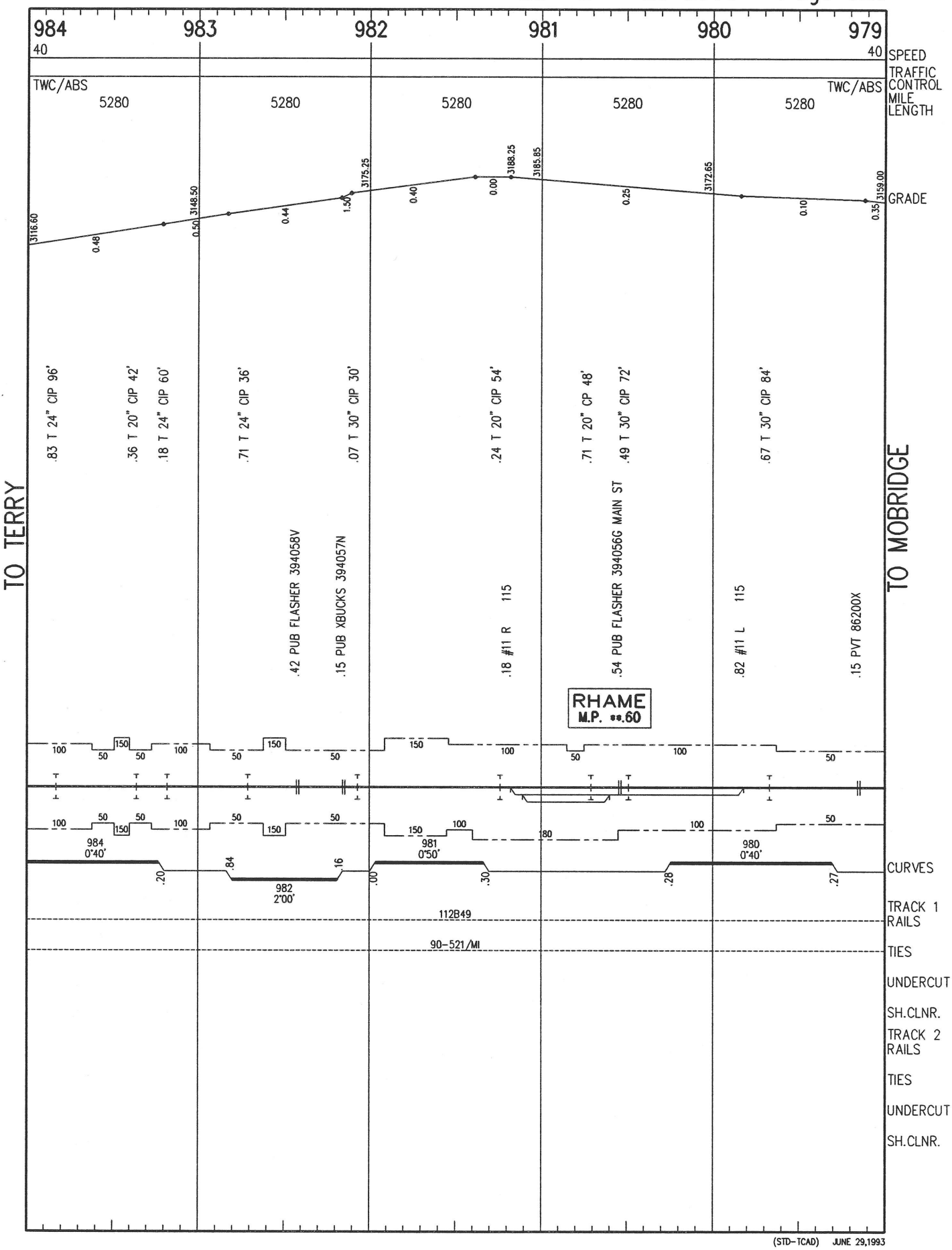

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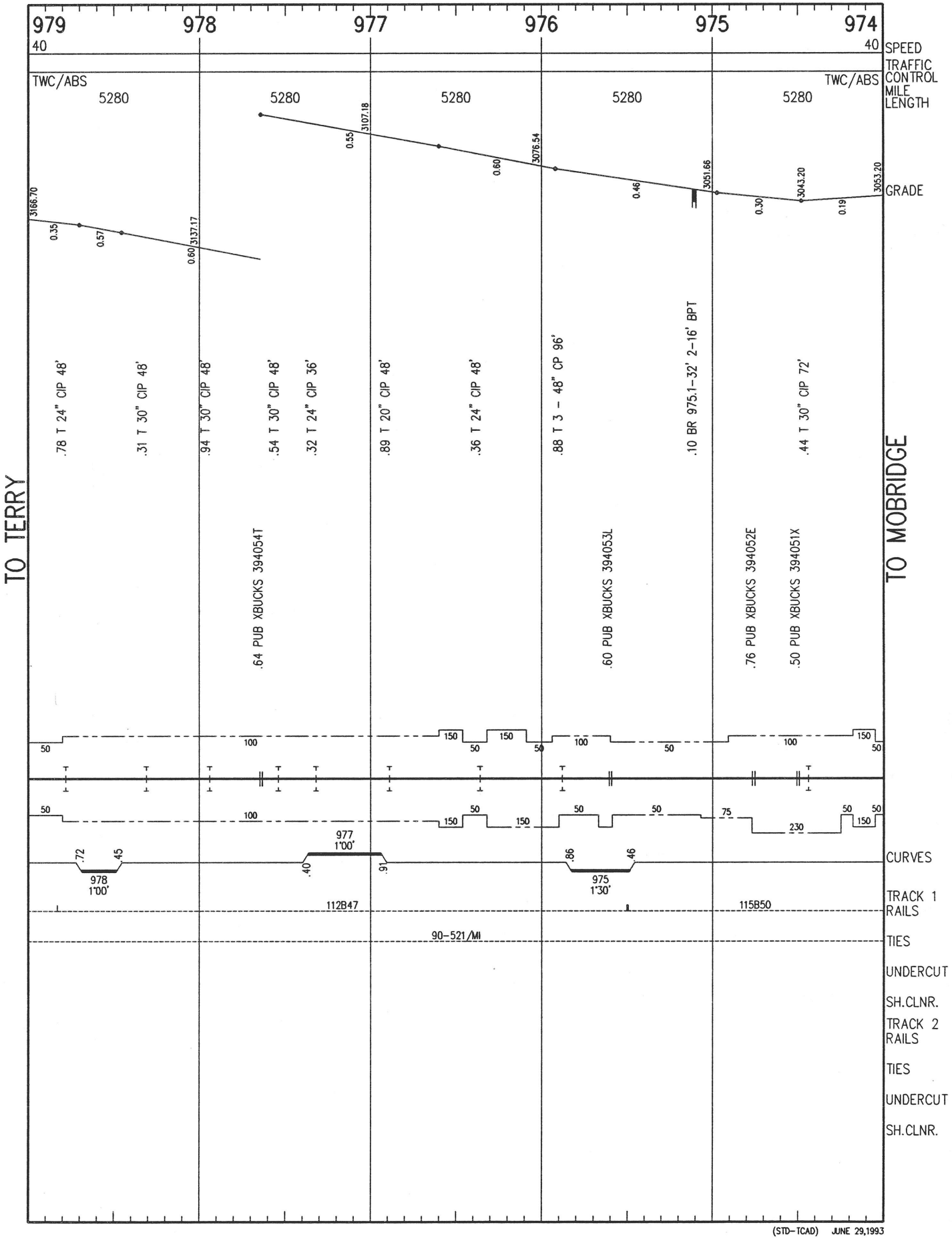

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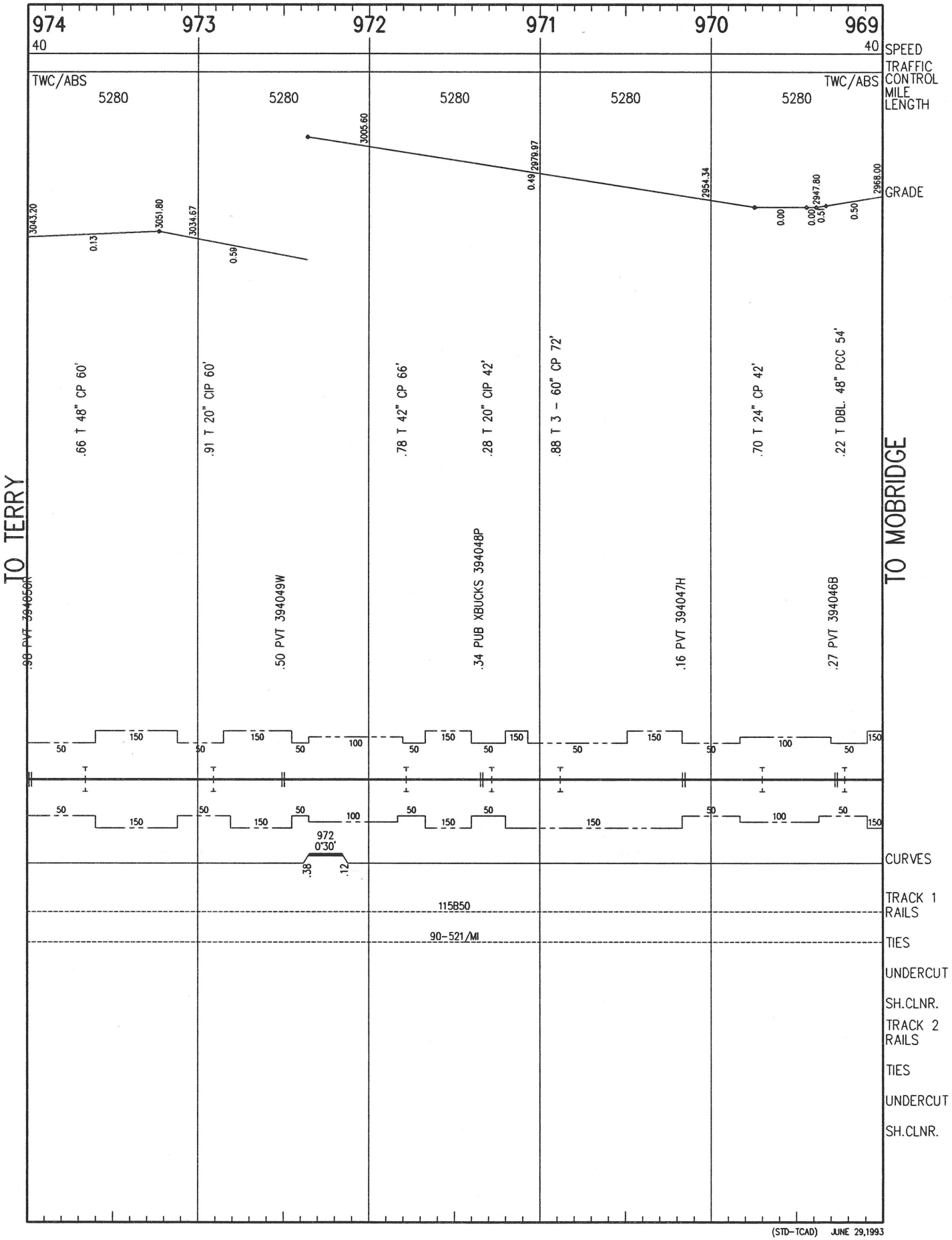

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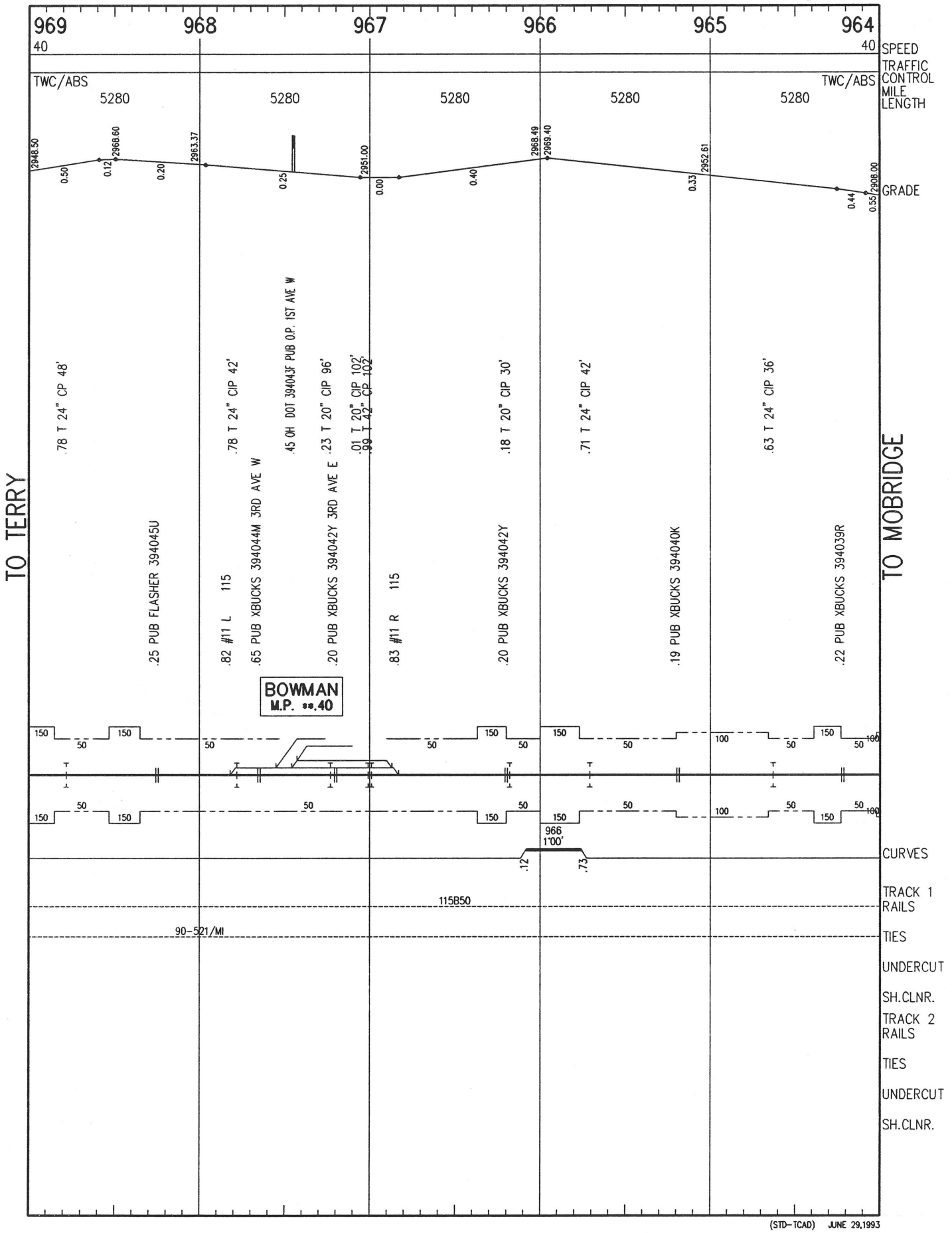

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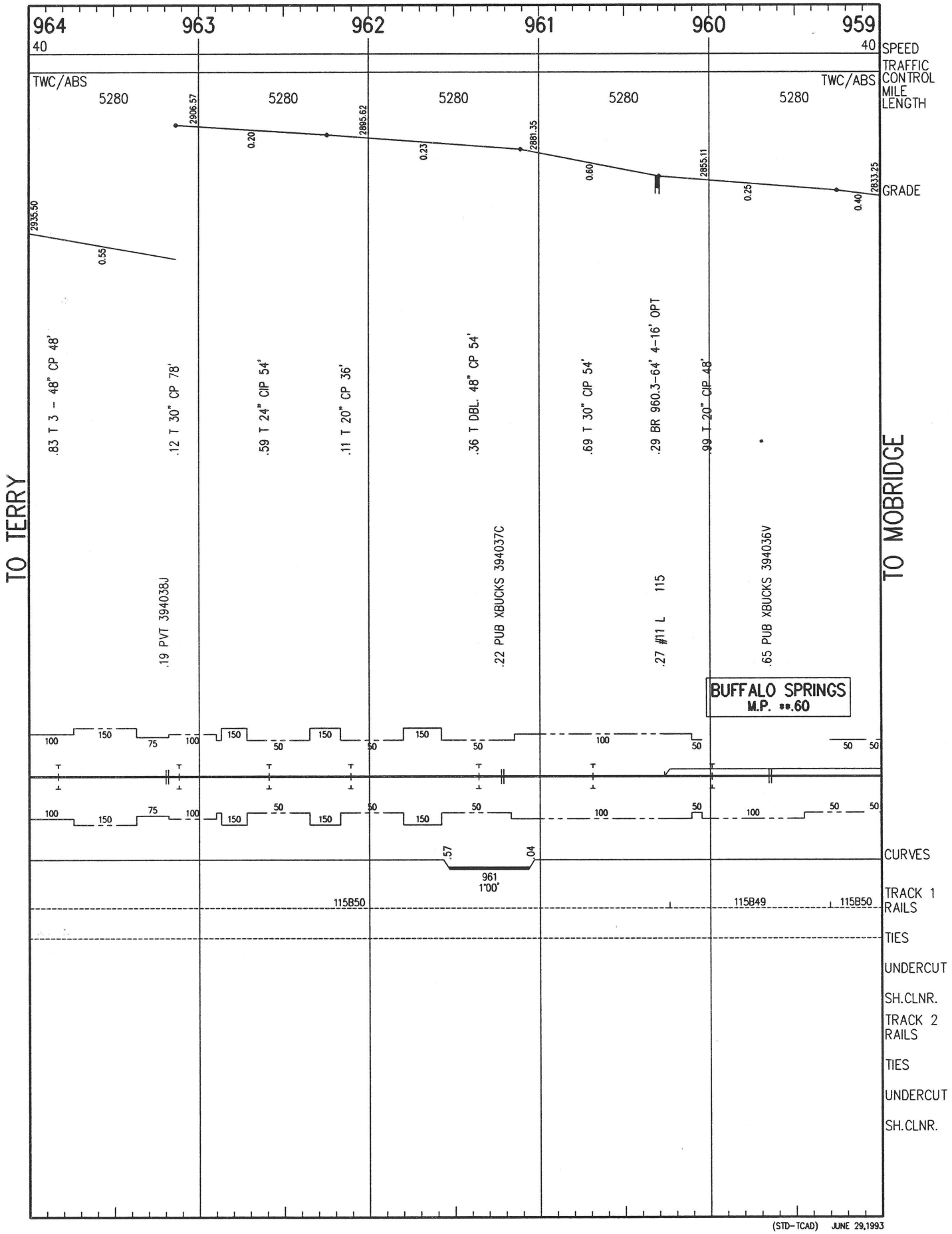
964
963
962
961
960
959
40
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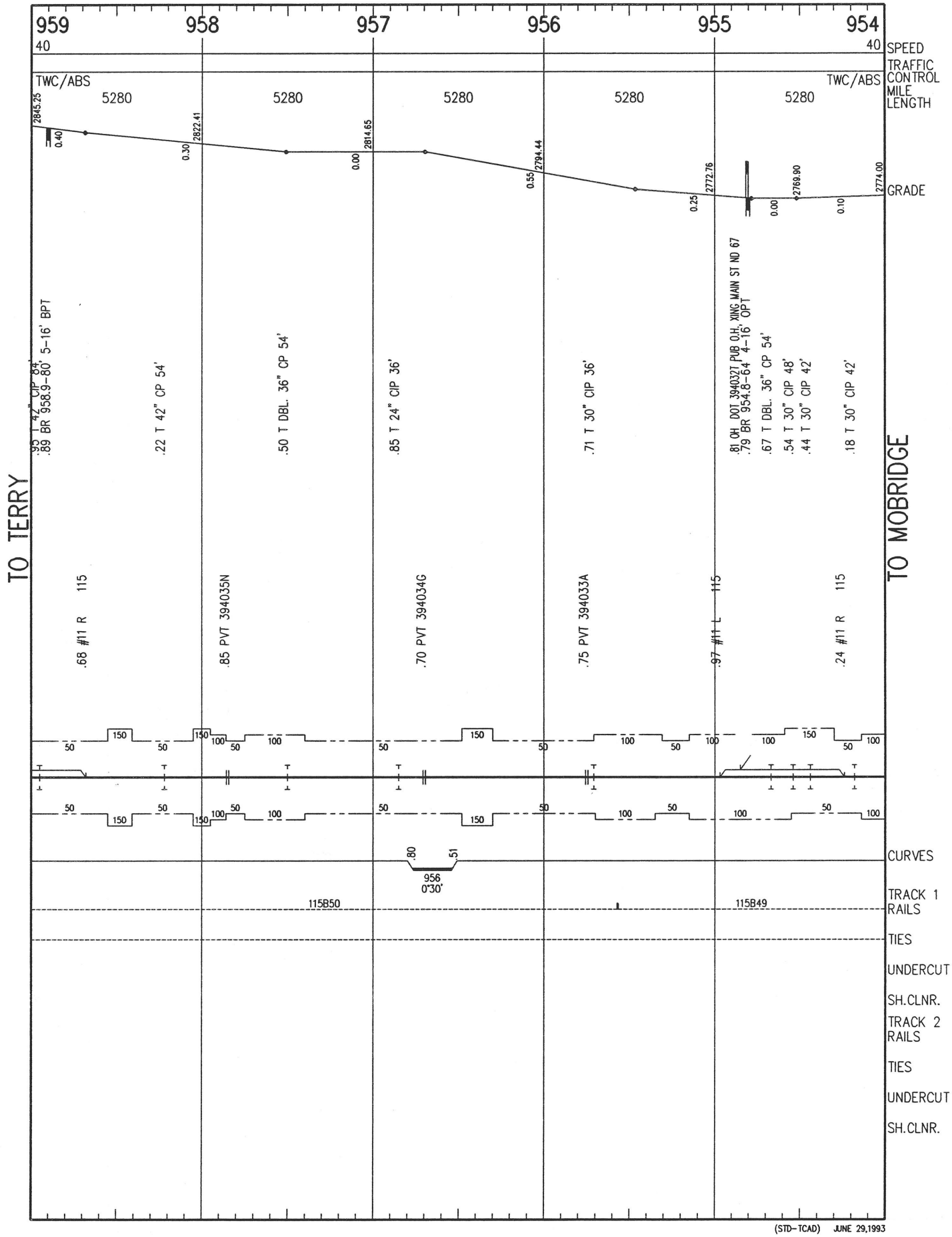
SPEED
TRAFFIC CONTROL
MILE LENGTH
TWC/ABS
TWC/ABS
5280
5280
5280
5280
5280
2906.57
2905.62
2881.35
2855.11
2833.25
0.20
0.23
0.60
0.25
0.40
GRADE
2935.50
0.55
TO TERRY
TO MOBRIDGE
.83 T 3 - 48" CP 48'
.12 T 30" CP 78'
.59 T 24" CIP 54'
.11 T 20" CP 36'
.36 T DBL. 48" CP 54'
.69 T 30" CP 54'
.29 BR 960.3-64' 4-16' OPT
.99 T 20" CIP 48'
.19 PVT 394038J
.22 PUB XBUCKS 394037C
.27 #11 L 115
.65 PUB XBUCKS 394036V
BUFFALO SPRINGS
M.P. **.60
100 150 75 100 150 50 150 50 150 50 150 50 100 50 50 50
100 150 75 100 150 50 150 50 150 50 100 50 100 50 50
.57
.04
961
1°00'
CURVES
115B50
115B49
115B50
TRACK 1 RAILS
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
(STD-TCAD) JUNE 29,1993



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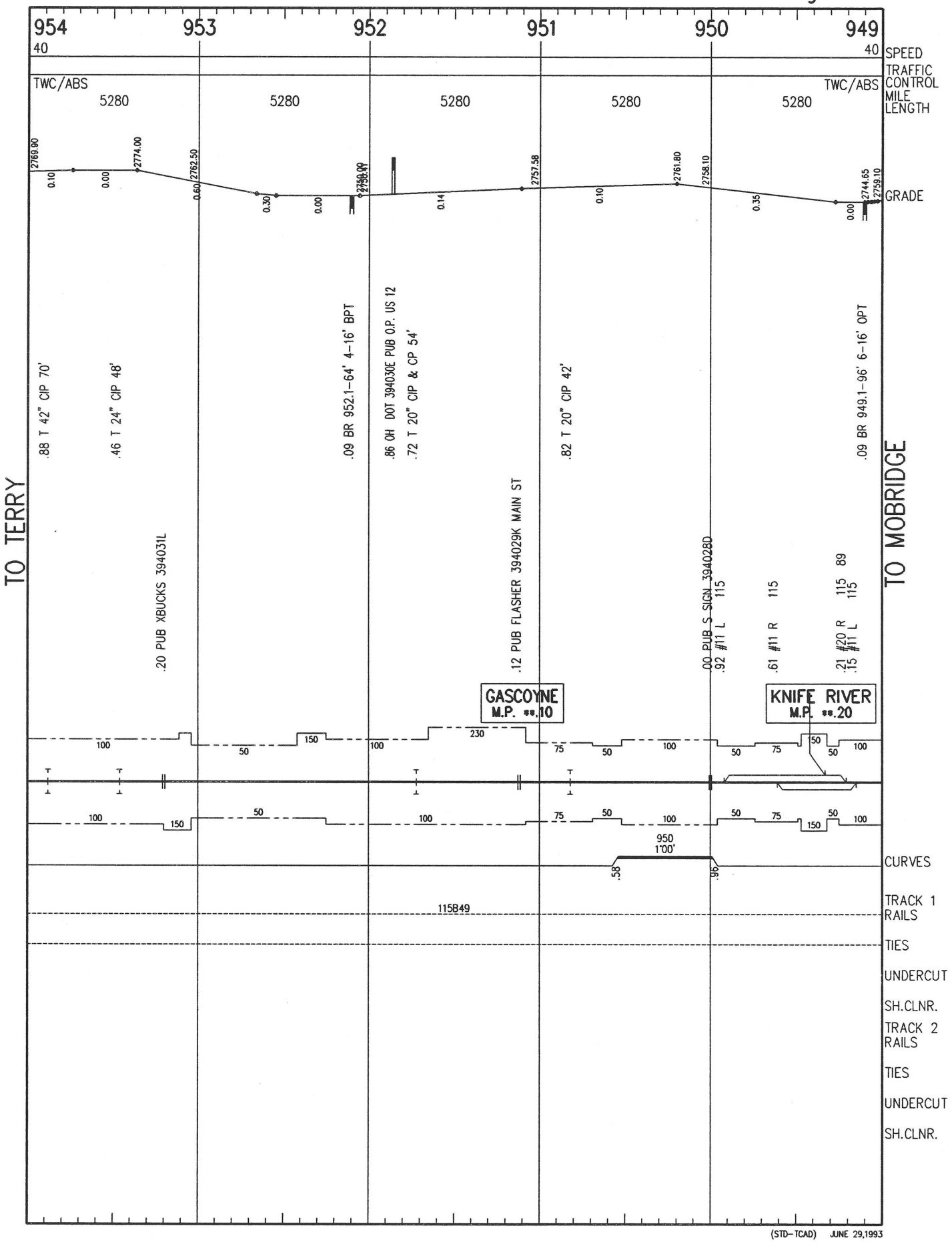

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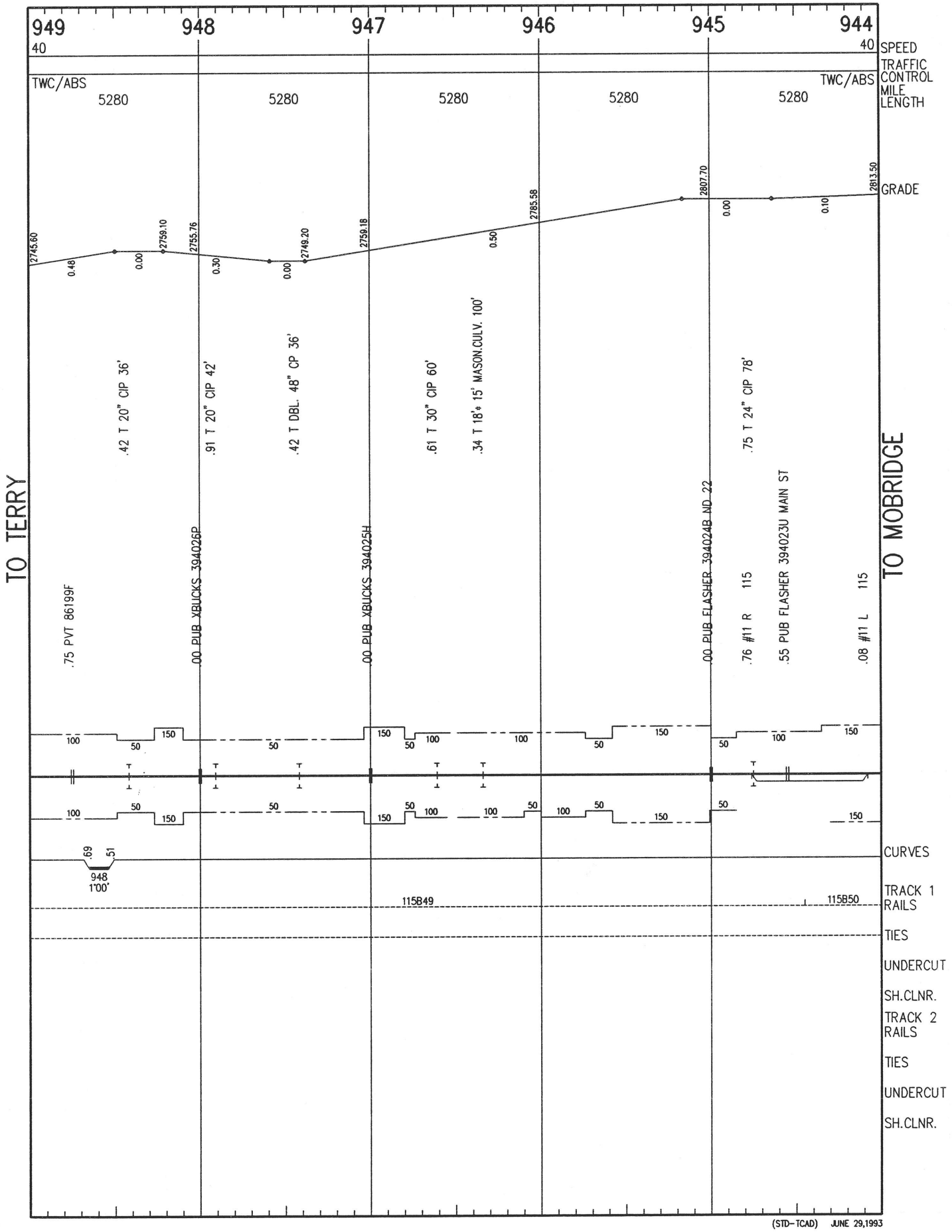

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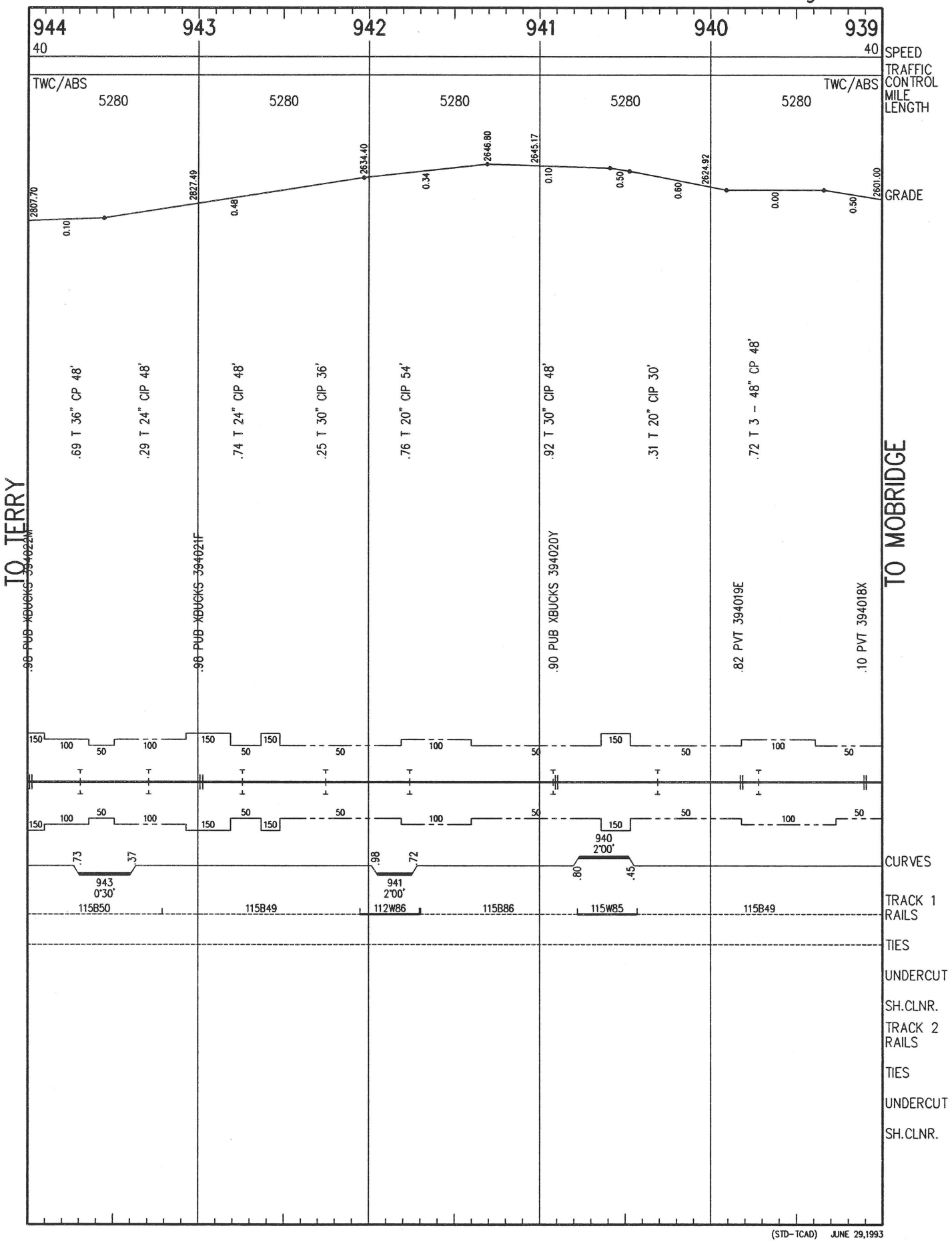

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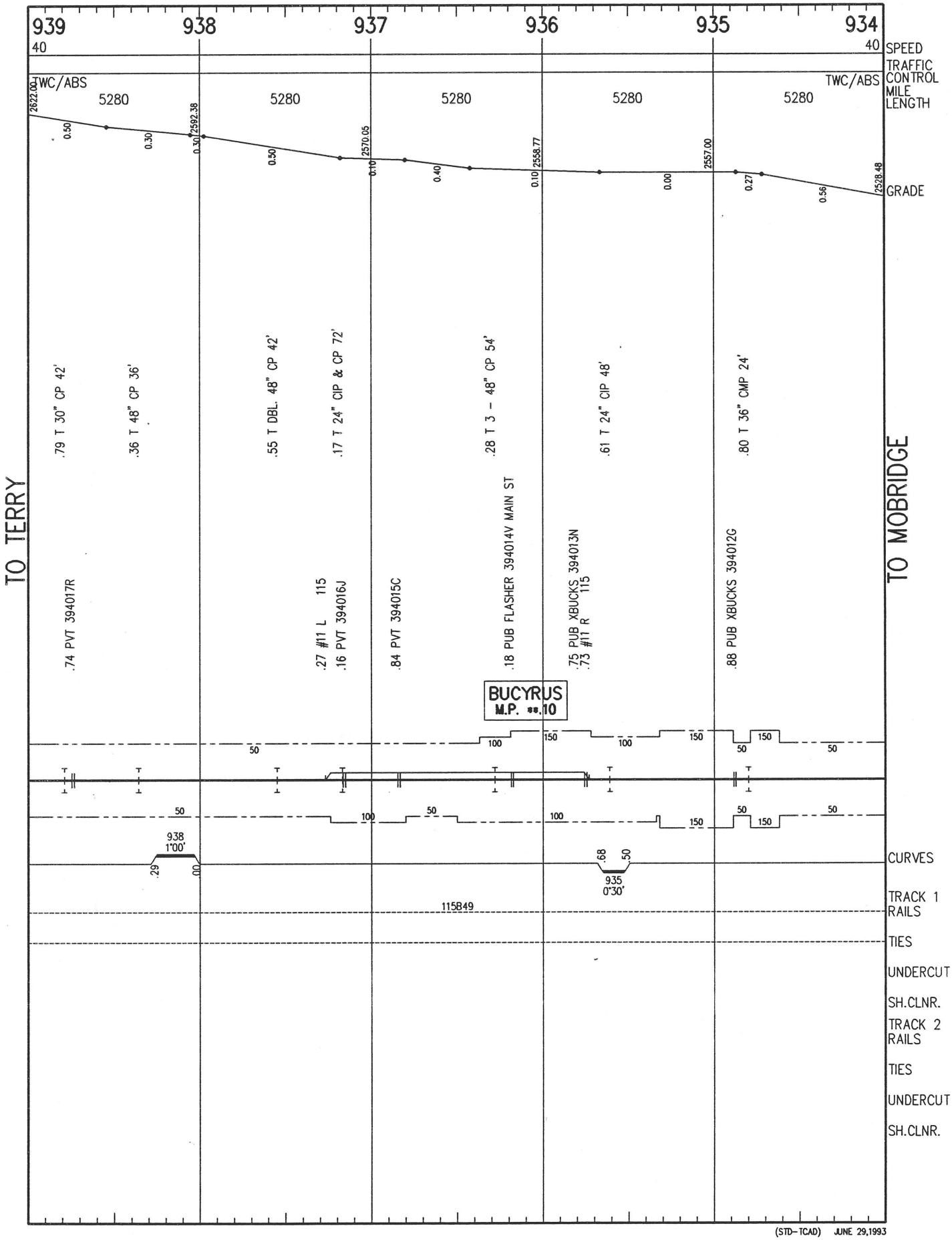

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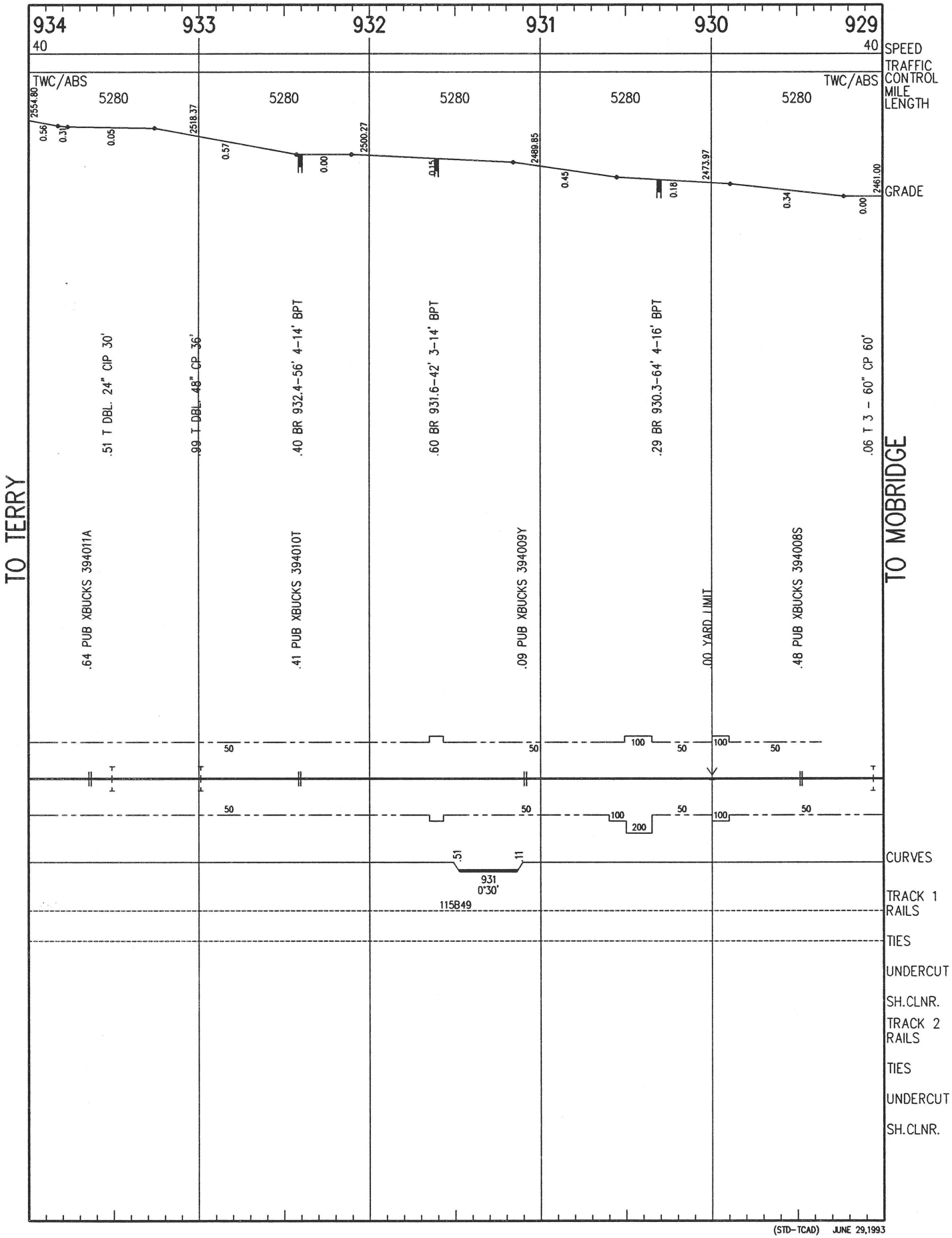

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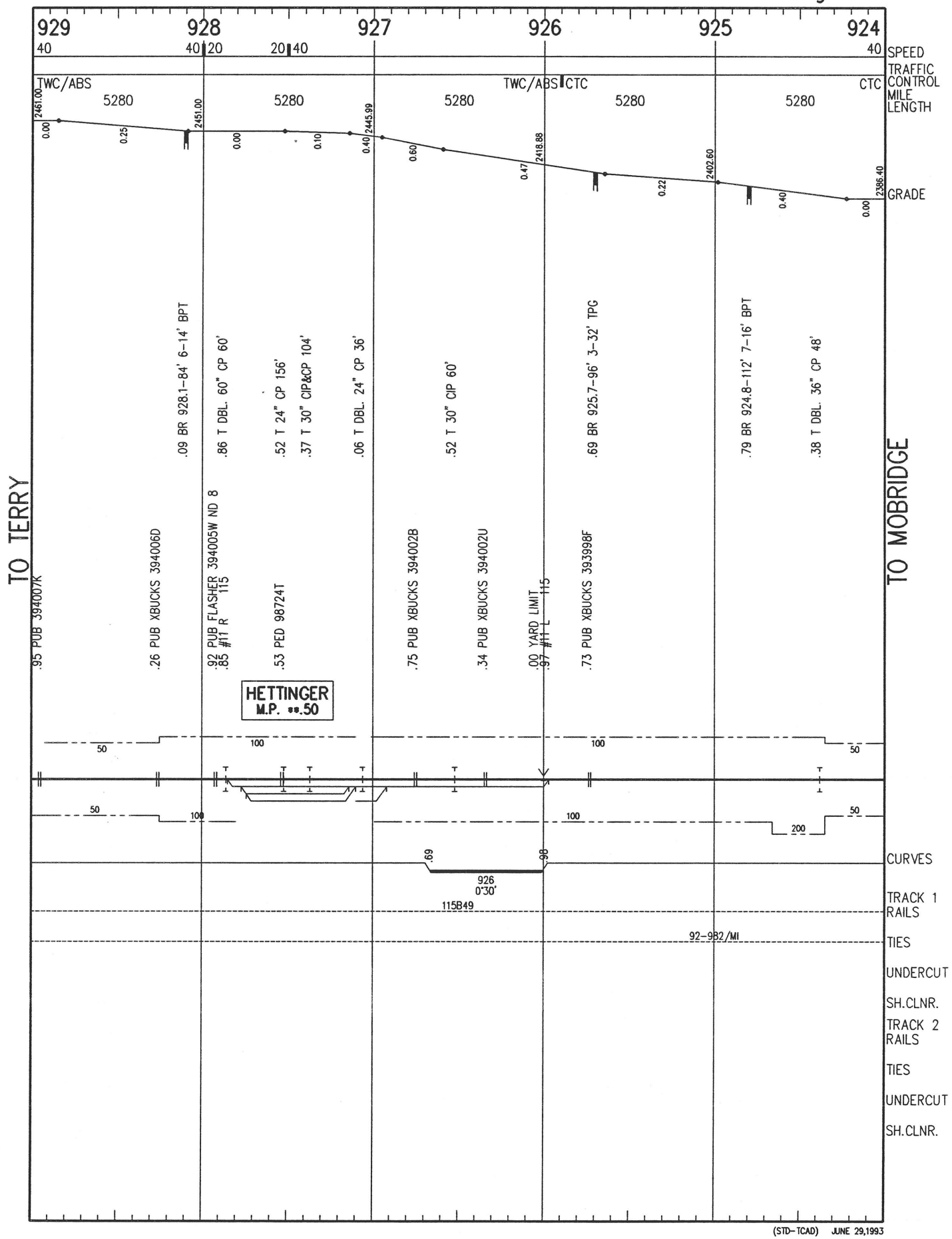

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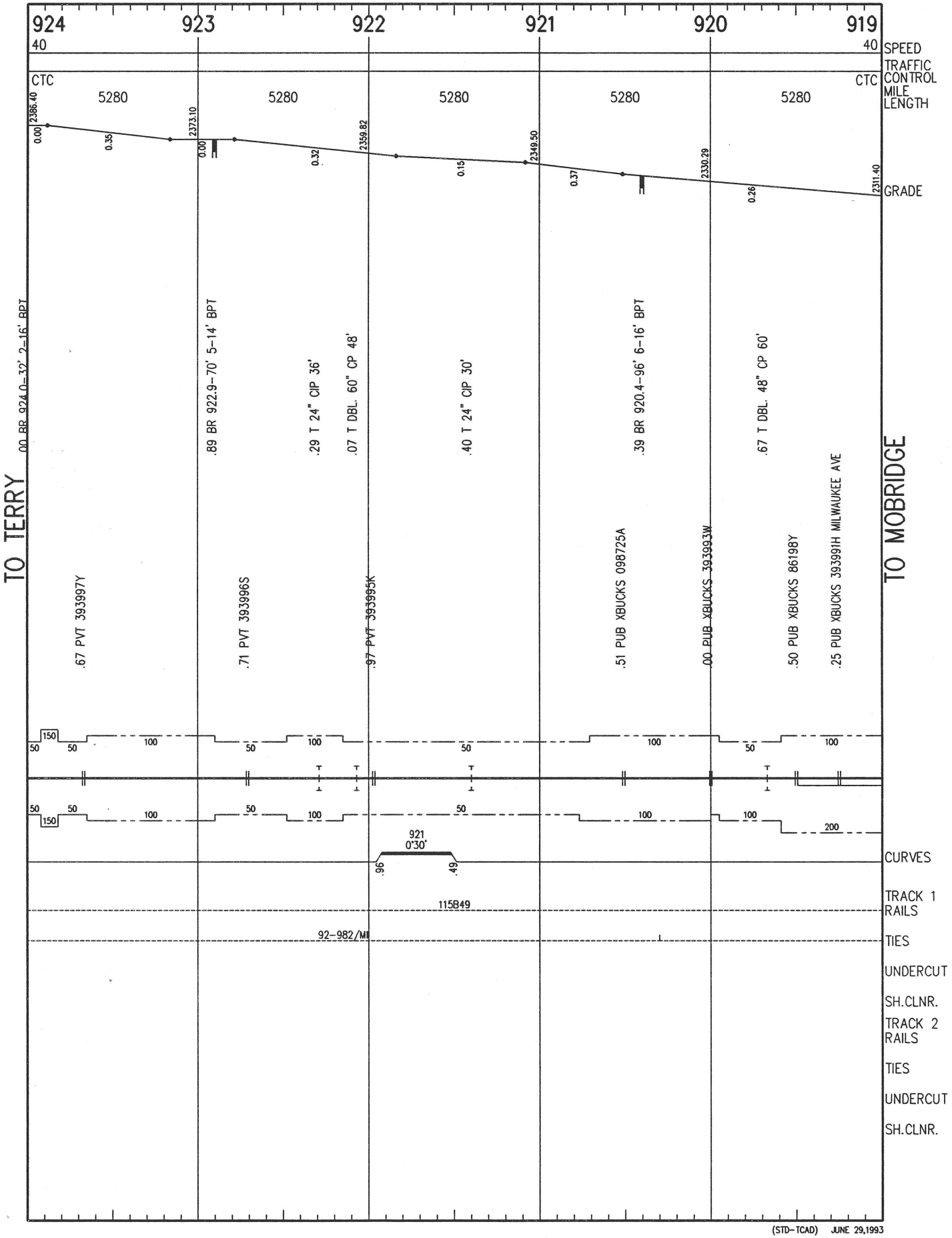
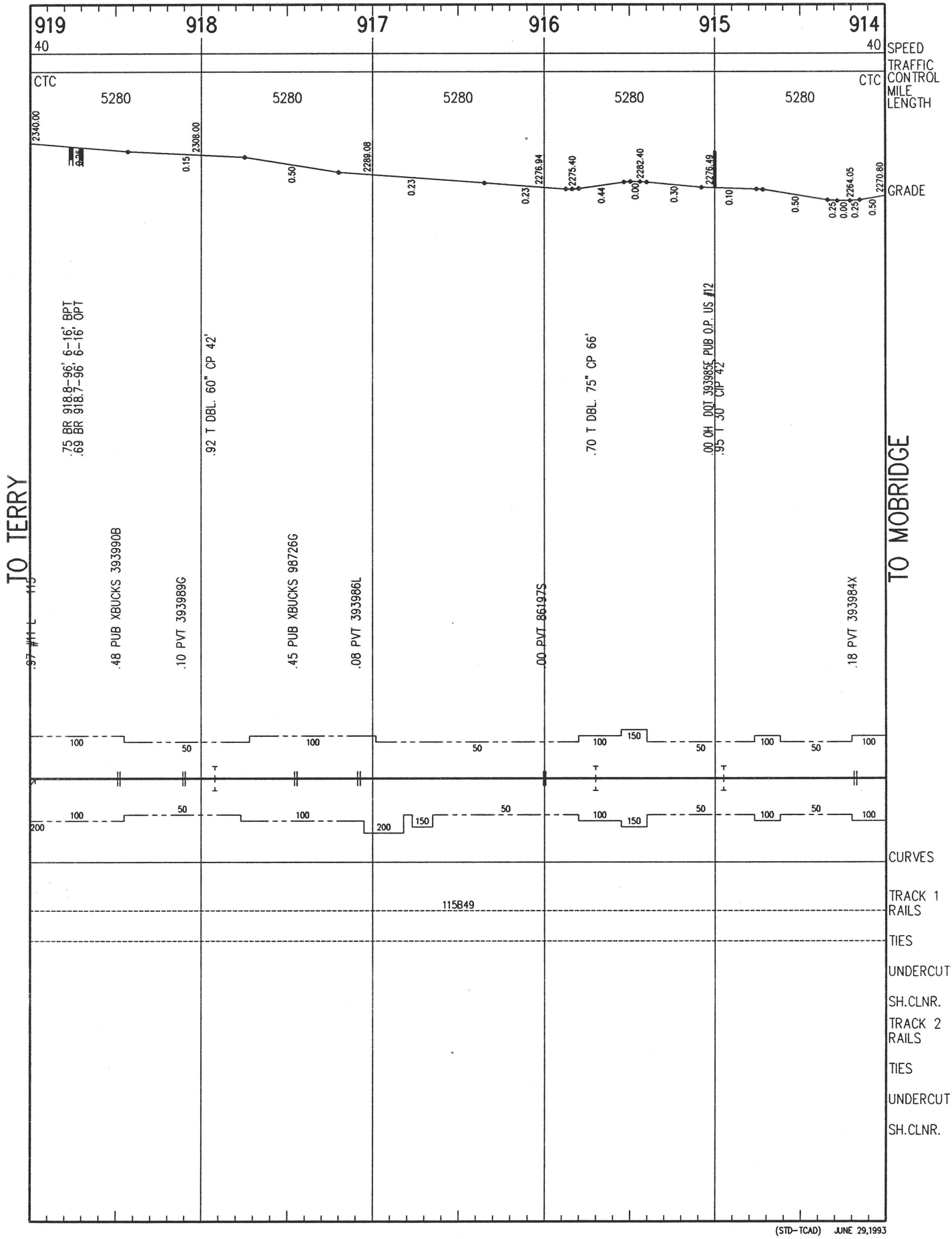
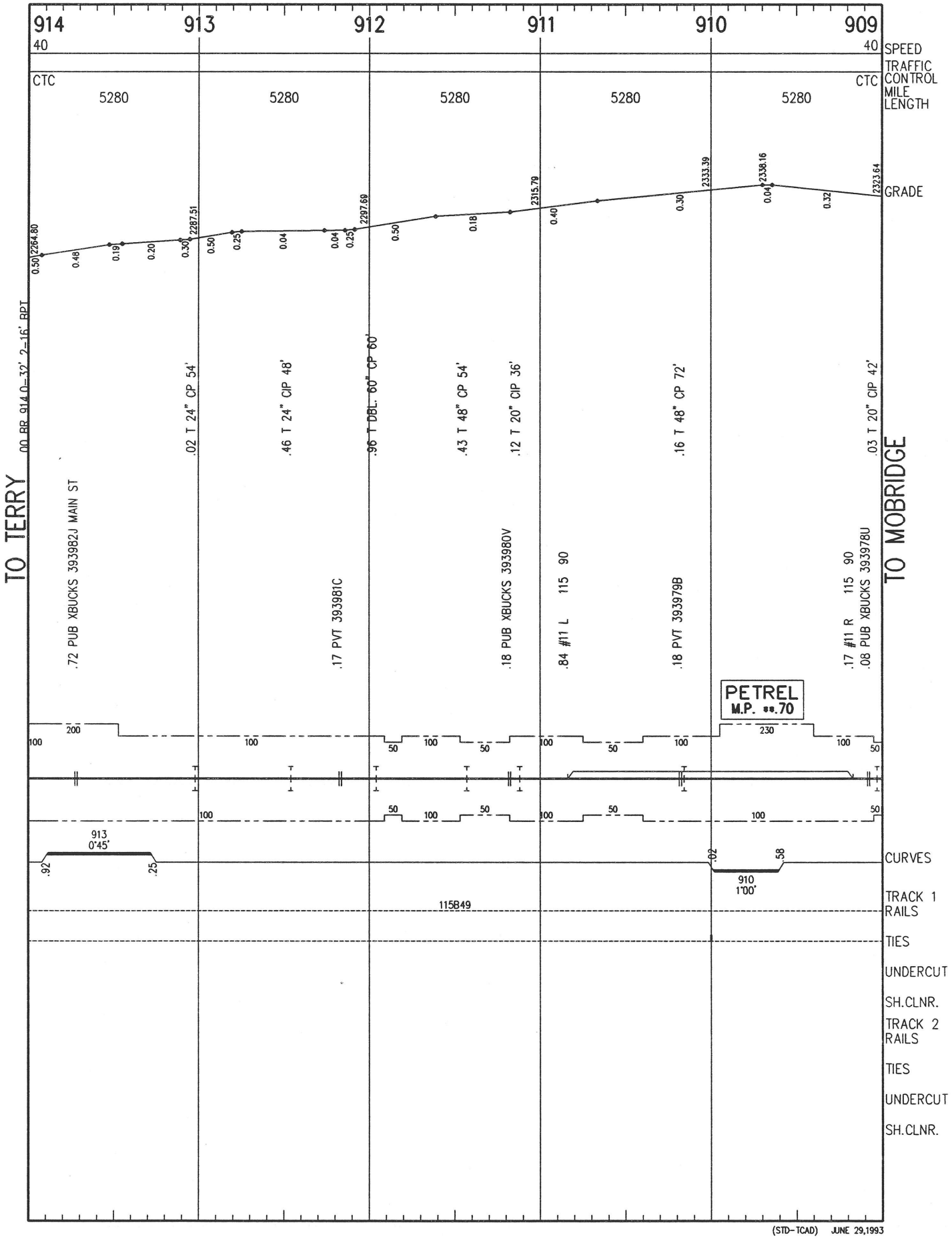
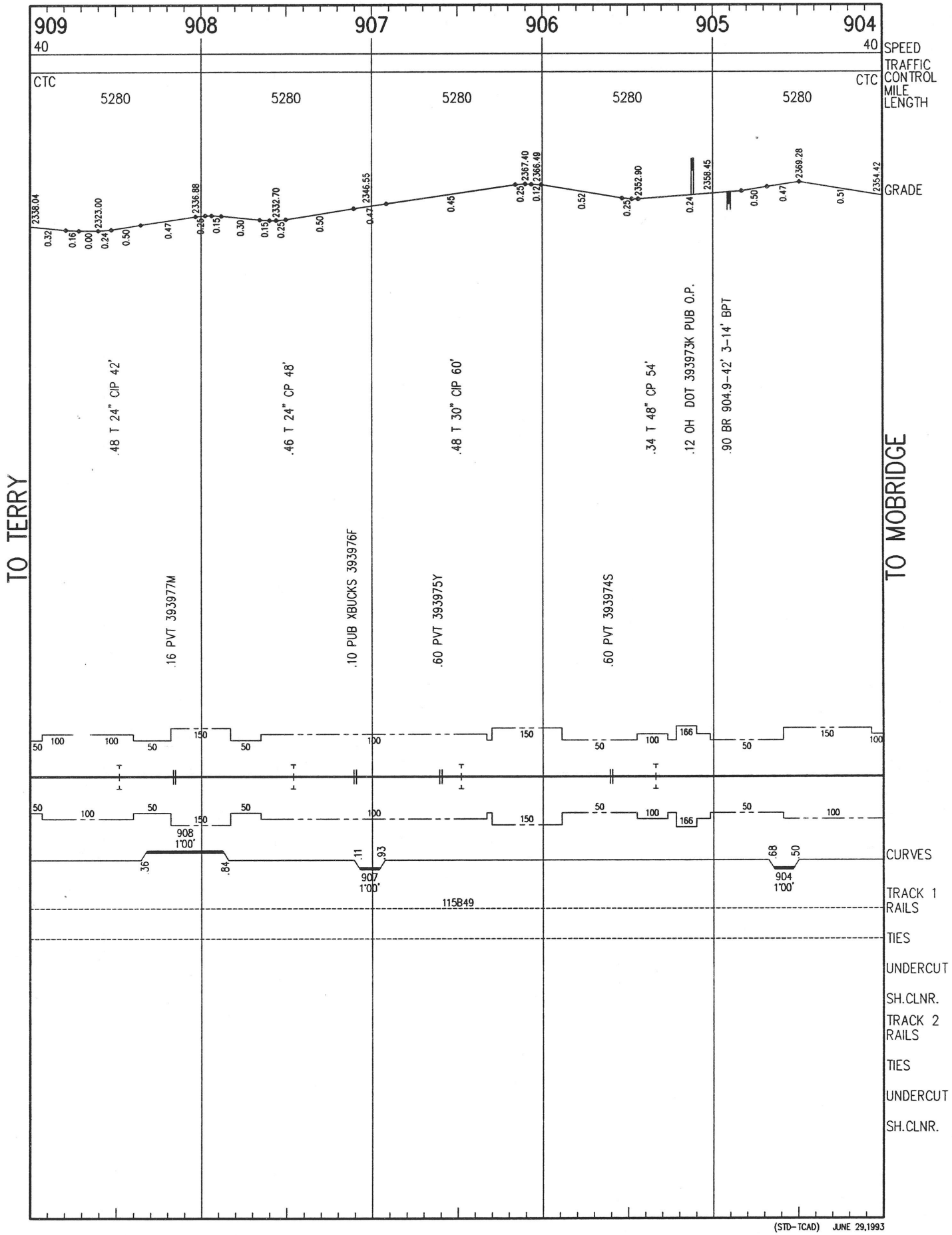


(STD-TCAD) JUNE 29,1993

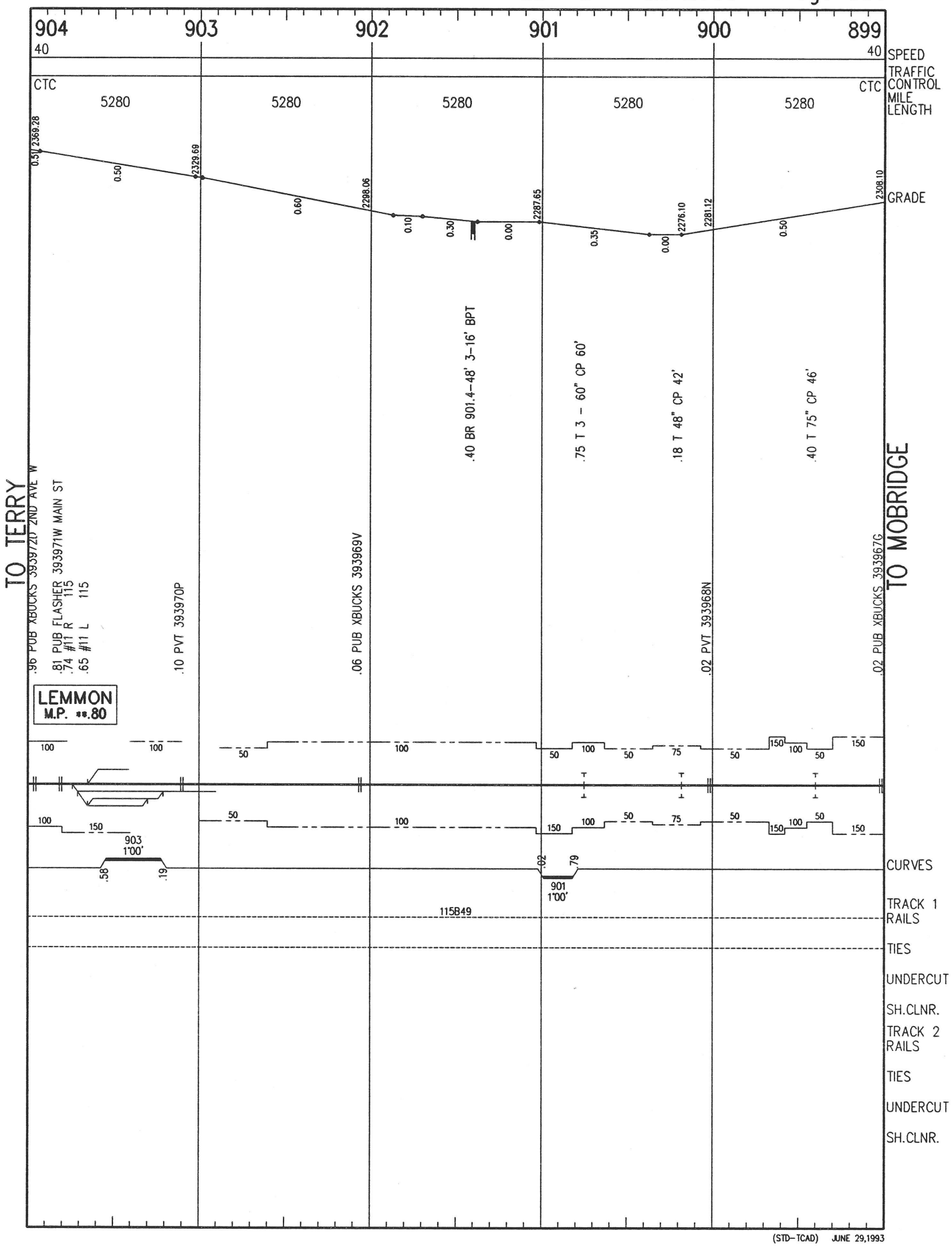


(STD-TCAD) JUNE 29,1993

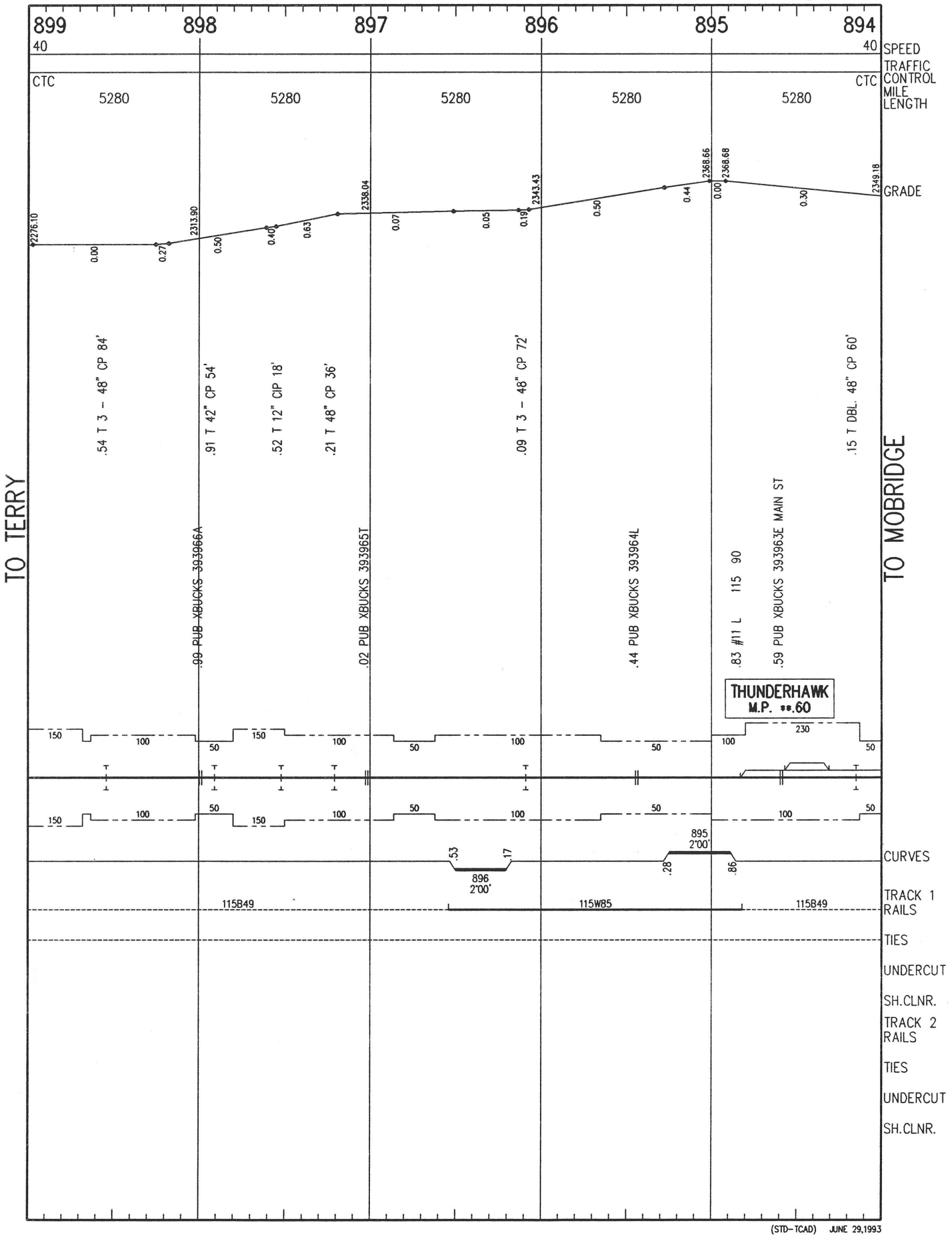

914
913
912
911
910
909
40
40
SPEED
TRAFFIC CONTROL
MILE LENGTH
CTC
CTC
5280
5280
5280
5280
5280
GRADE
2264.80
2287.51
2297.69
2315.79
2333.39
2338.16
2323.64
TO TERRY
TO MOBRIDGE
.00 BR 914 0-32' 2-16' RPT
.72 PUB XBUCKS 393982J MAIN ST
.02 T 24" CP 54'
.46 T 24" CIP 48'
.17 PVT 393981C
.96 T DBL. 60" CP 60'
.43 T 48" CP 54'
.18 PUB XBUCKS 393980V
.12 T 20" CIP 36'
.84 #11 L 115 90
.16 T 48" CP 72'
.18 PVT 393979B
.03 T 20" CIP 42'
.17 #11 R 115 90
.08 PUB XBUCKS 393978U
PETREL
M.P. **.70
913
0°45'
910
1°00'
CURVES
TRACK 1 RAILS
115B49
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
(STD-TCAD) JUNE 29,1993



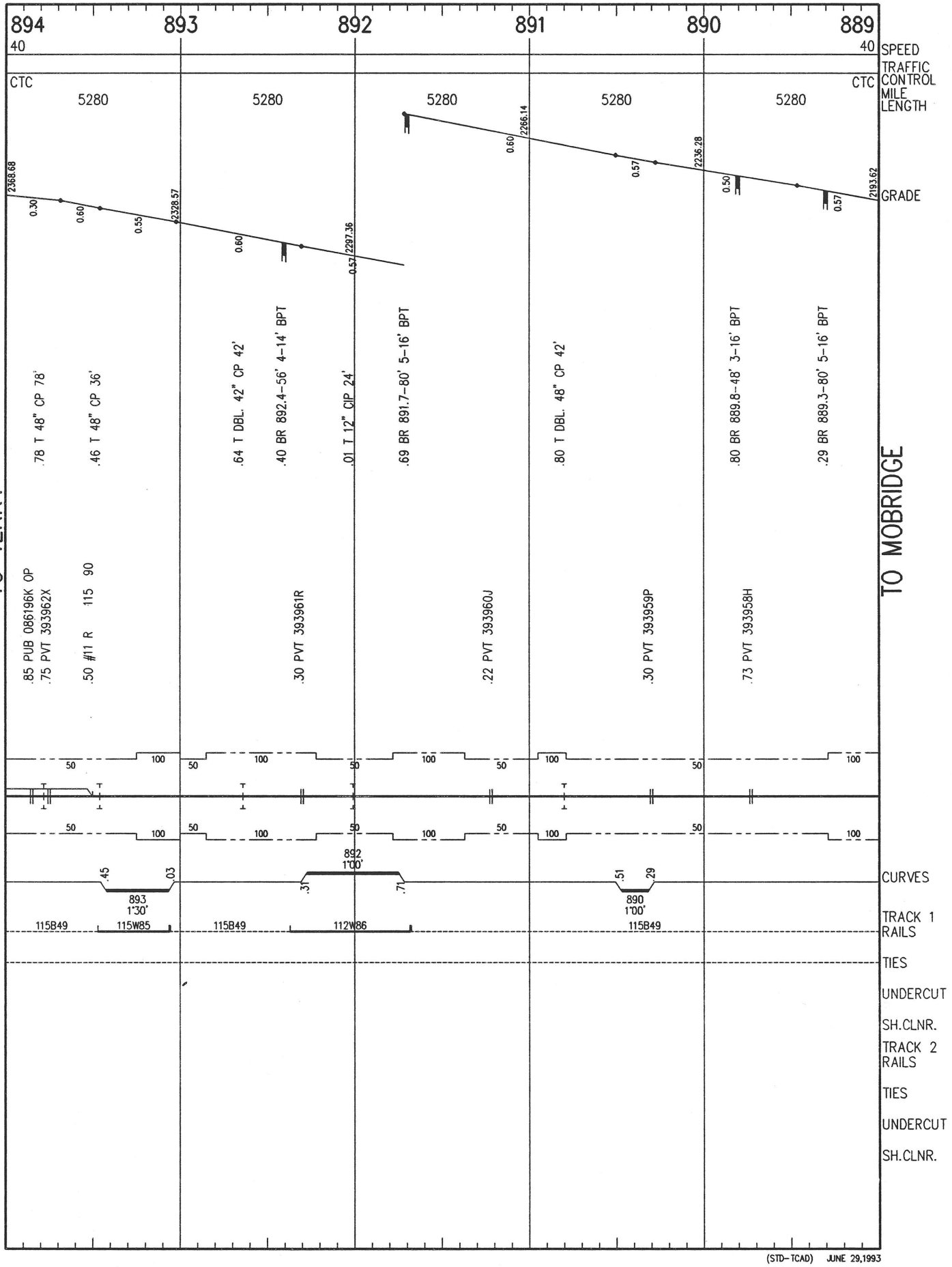
(STD-TCAD) JUNE 29,1993



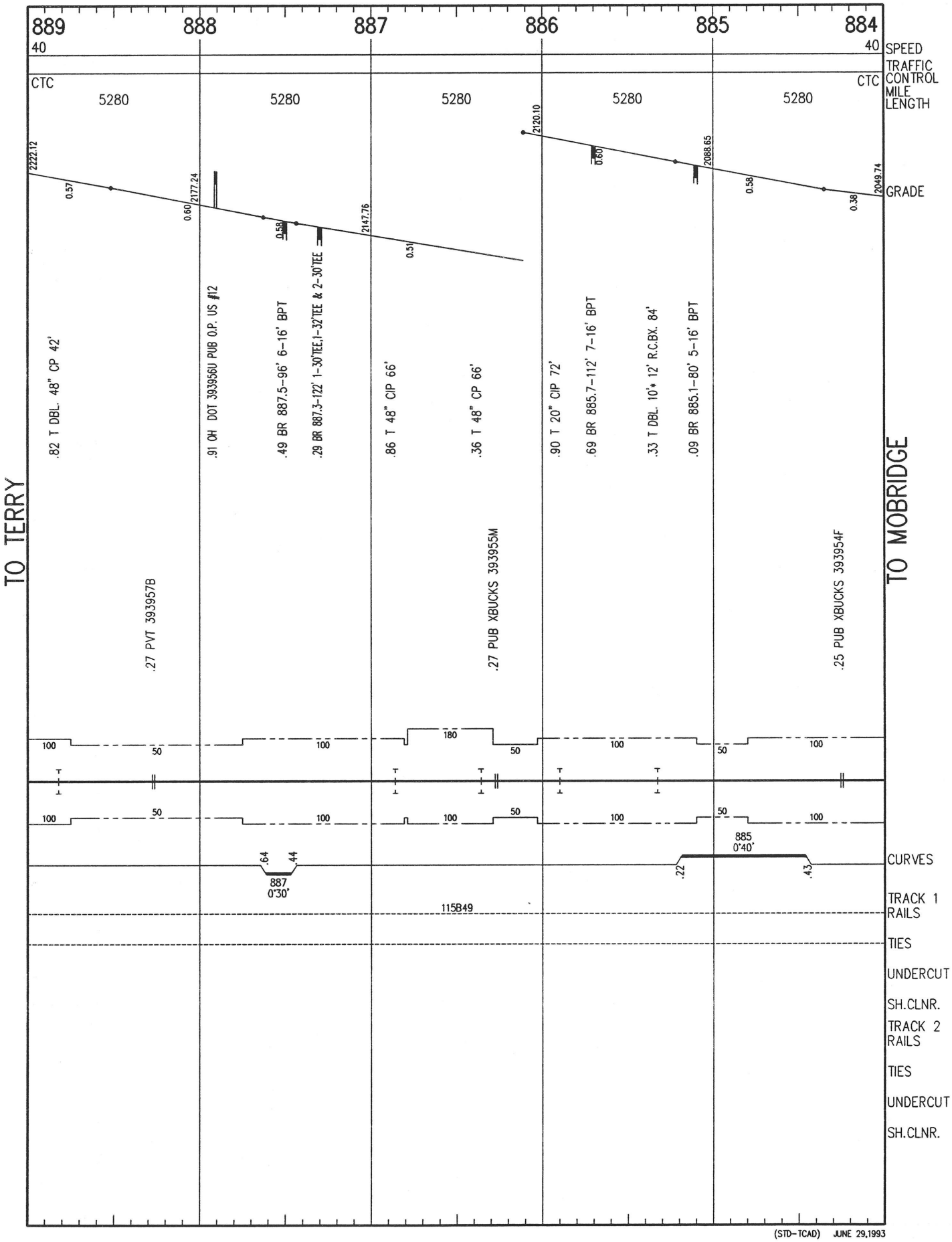
(STD-TCAD) JUNE 29,1993



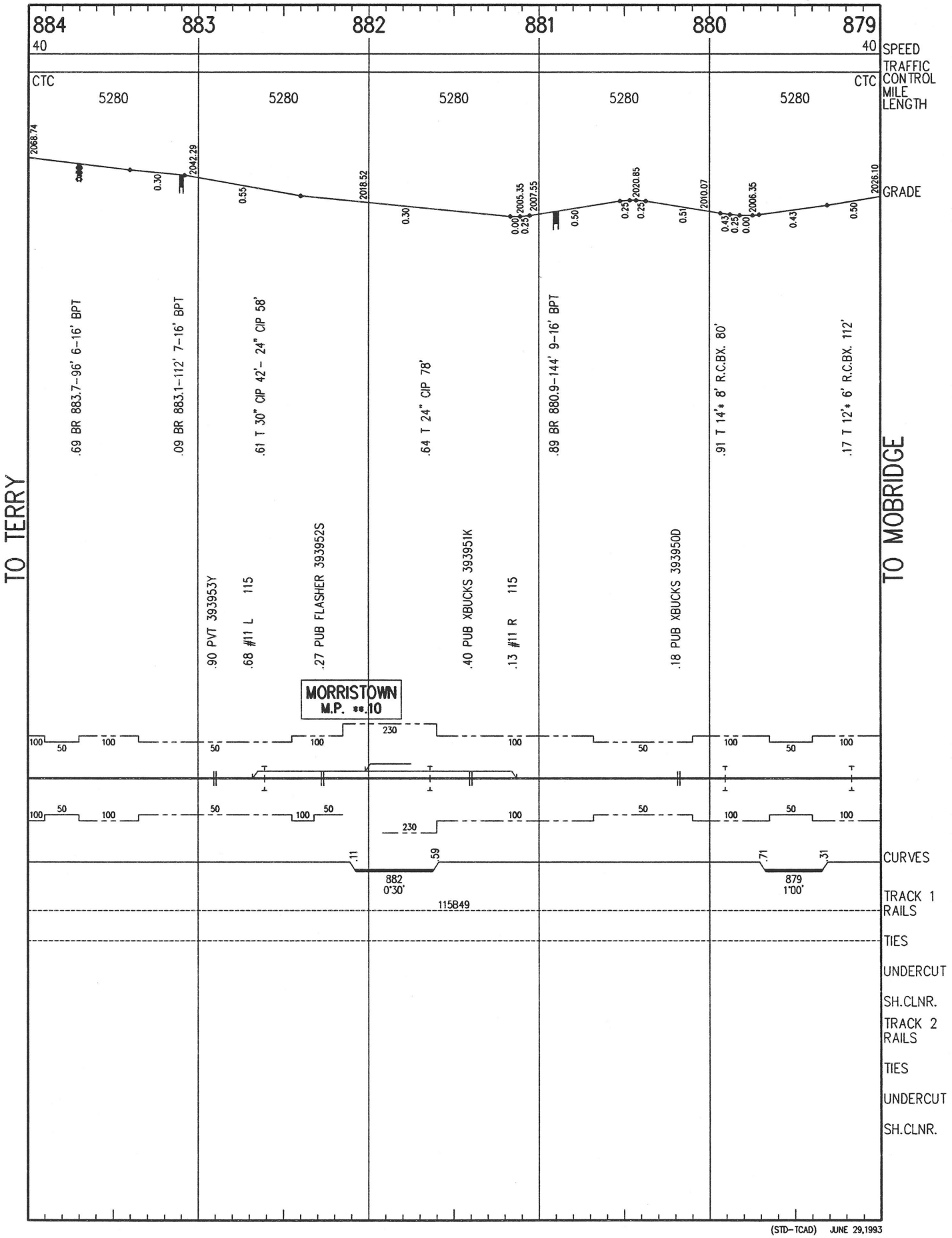
(STD–TCAD) JUNE 29,1993



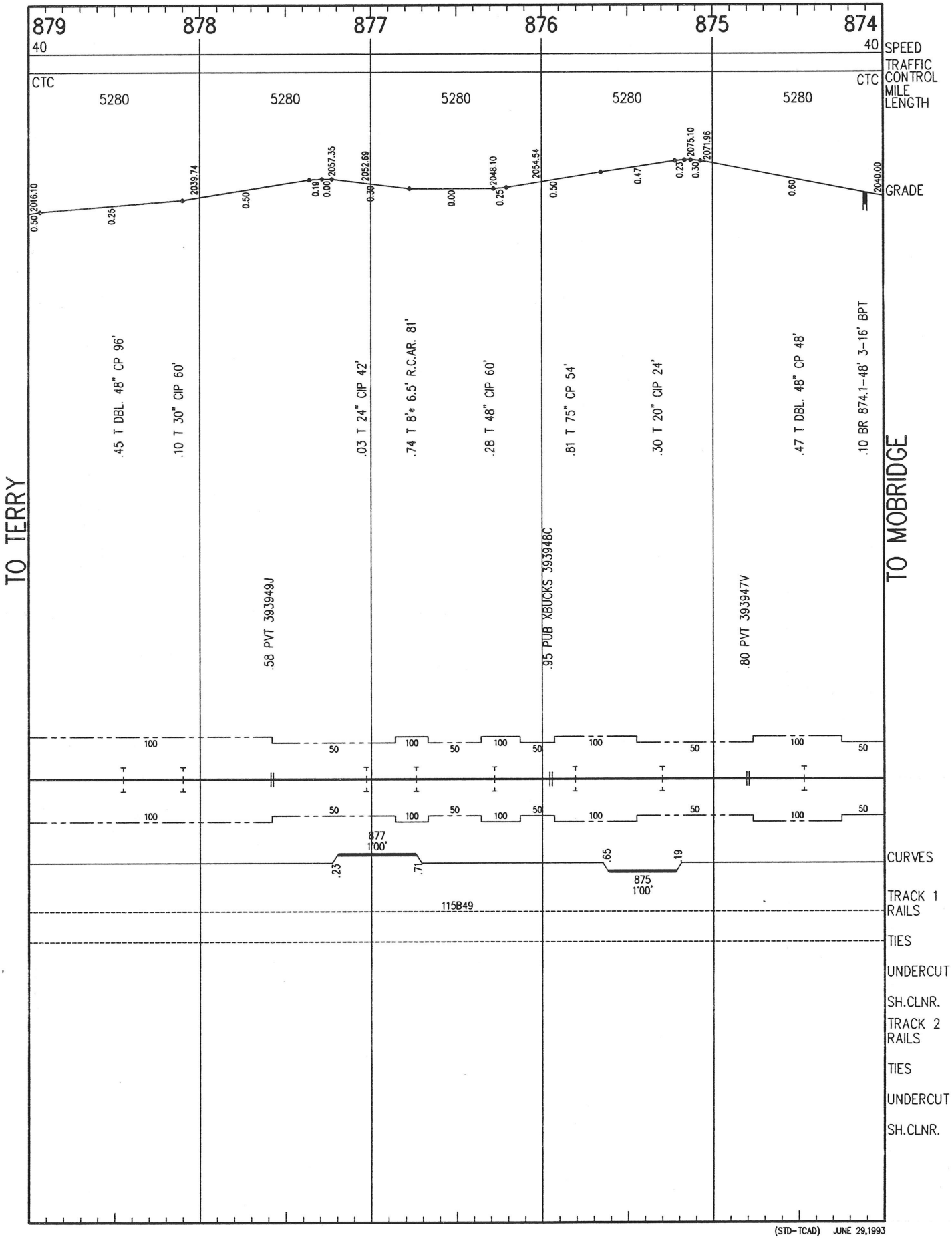
(STD-TCAD) JUNE 29,1993



(STD-TCAD) JUNE 29,1993



(STD-TCAD) JUNE 29,1993



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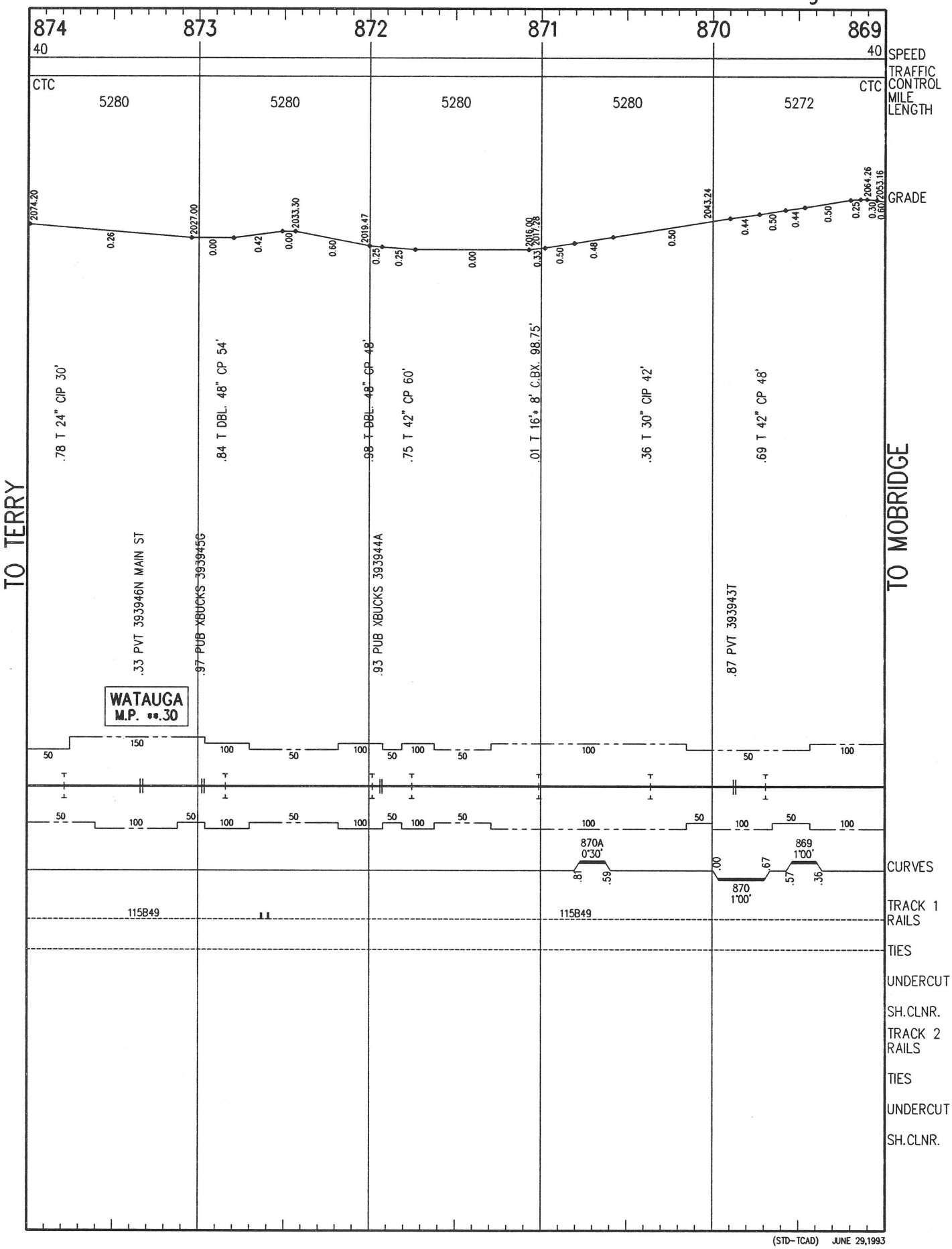

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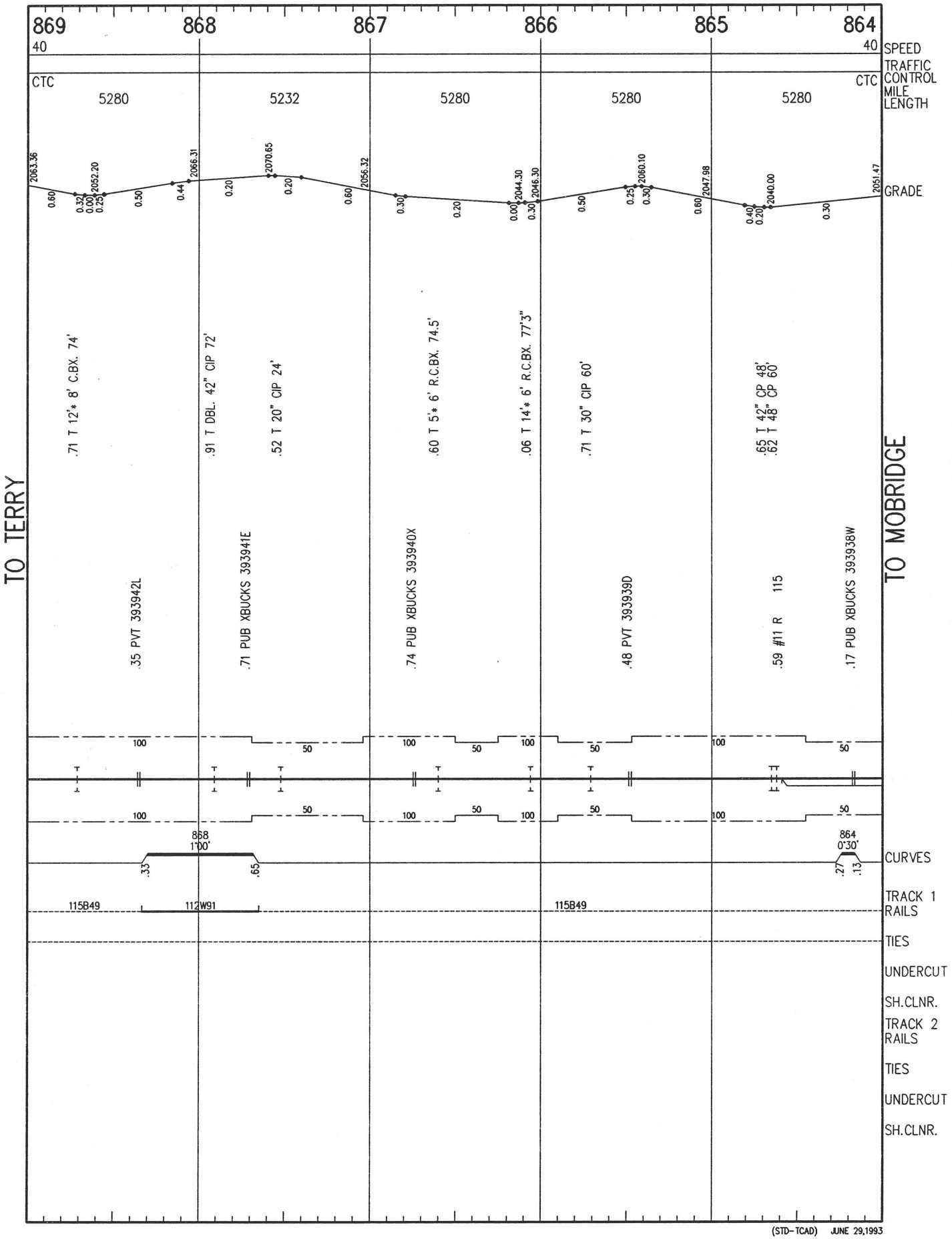

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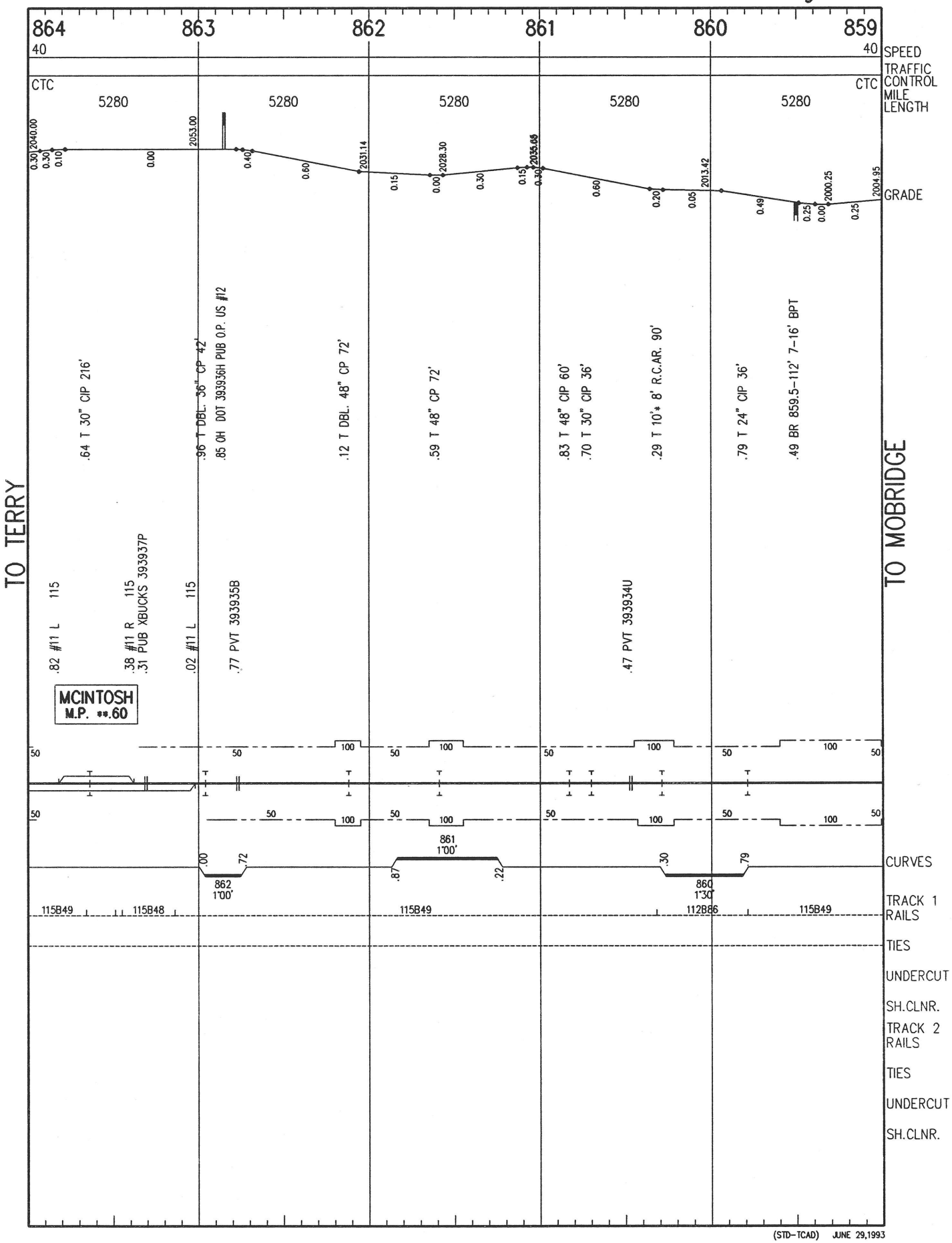

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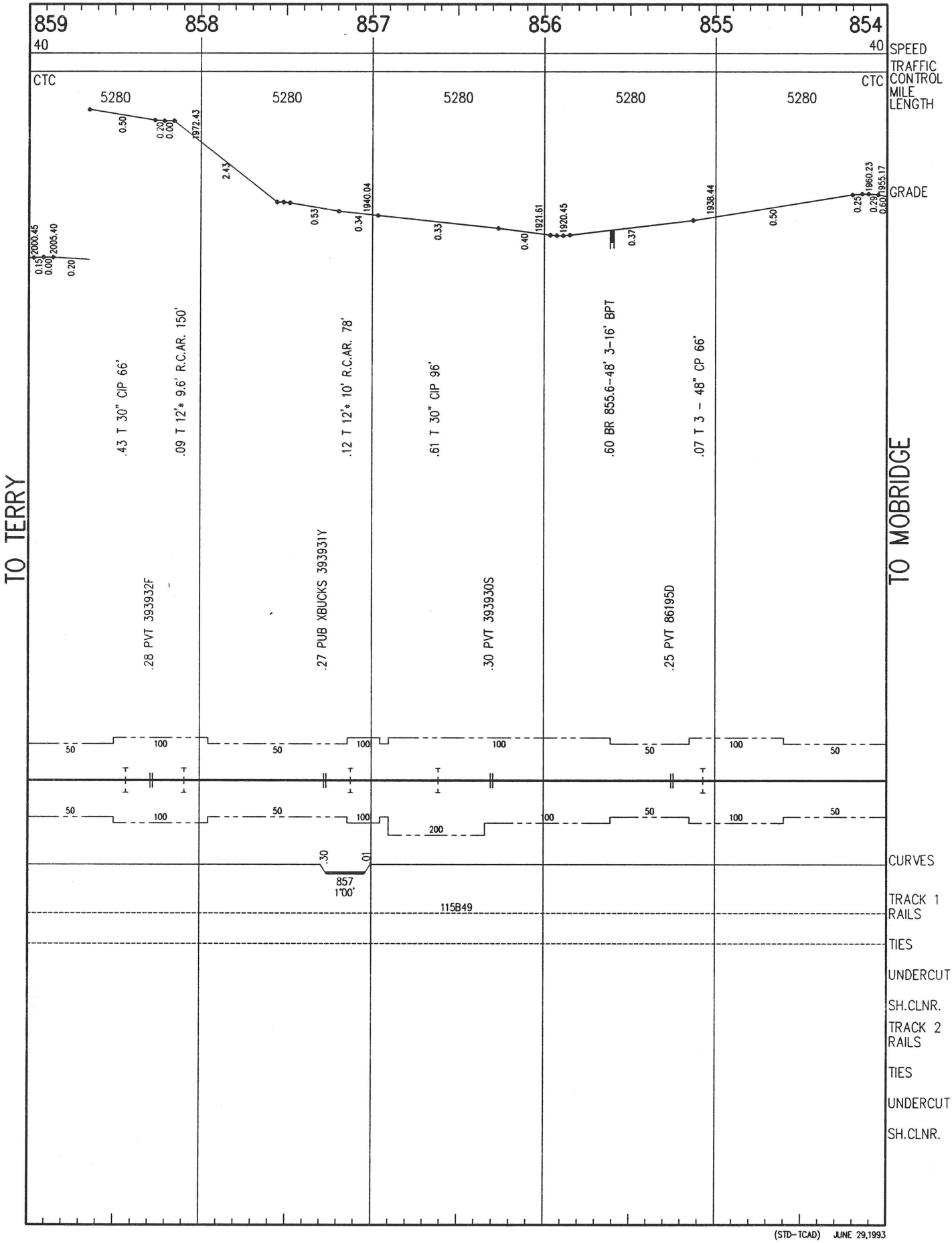

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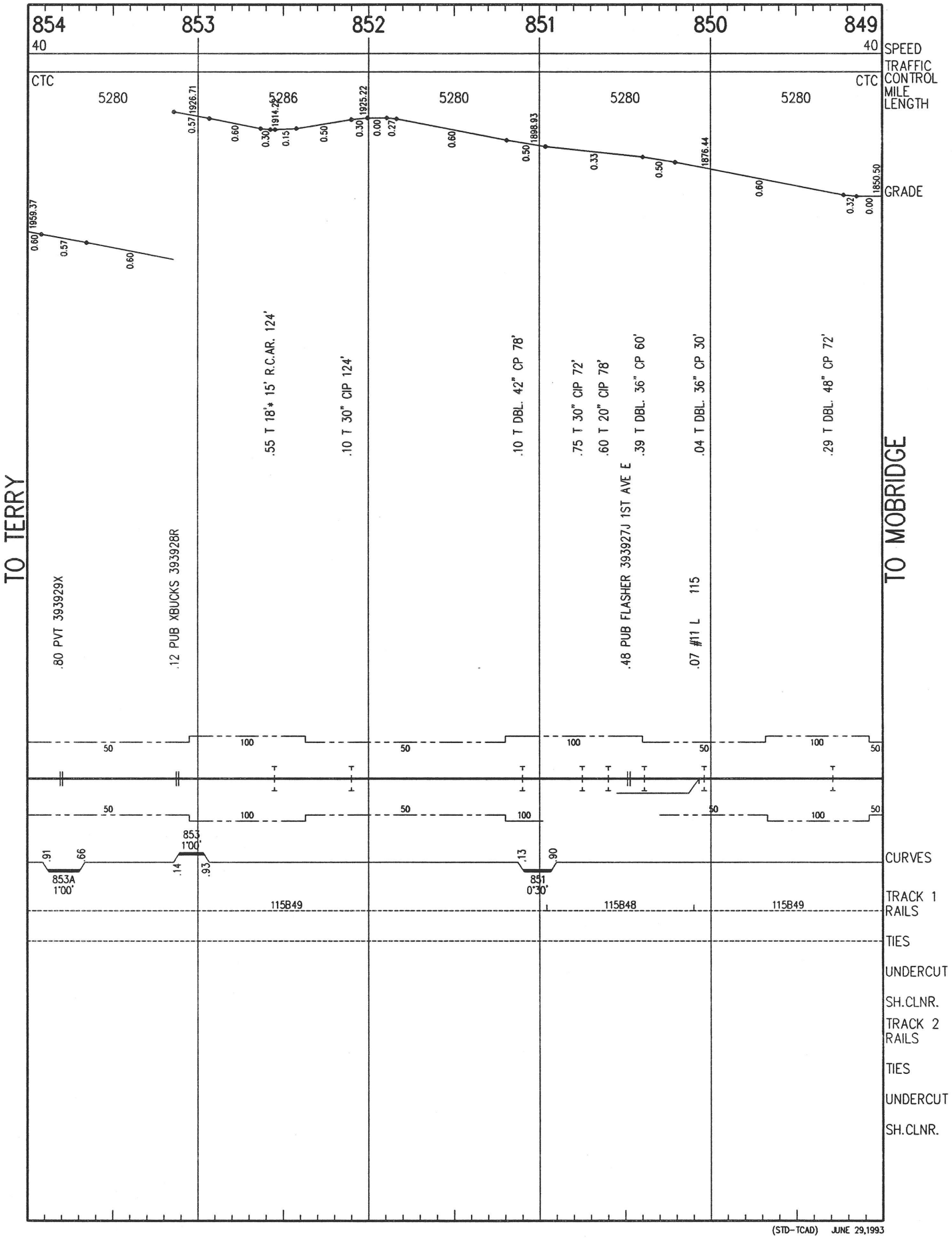

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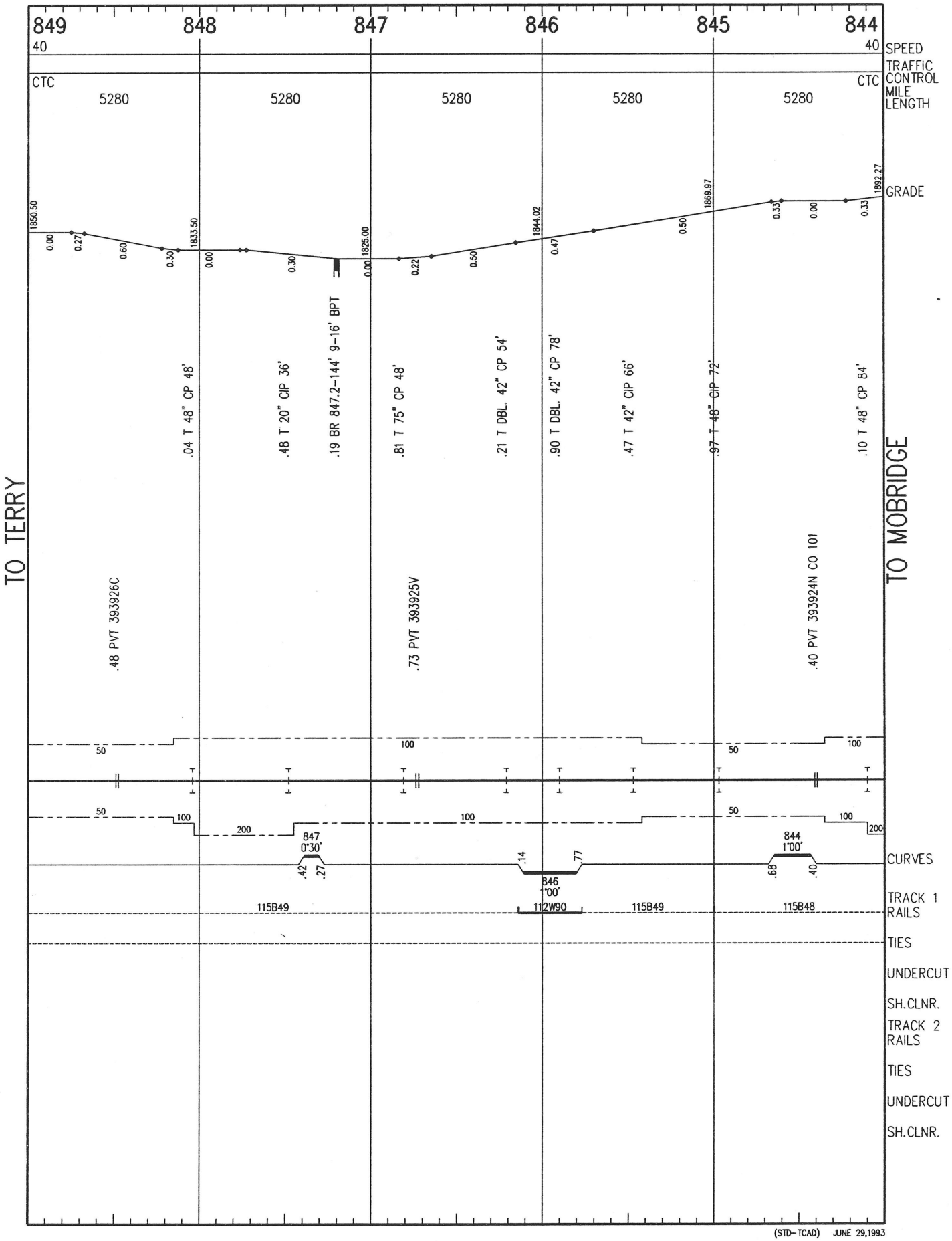

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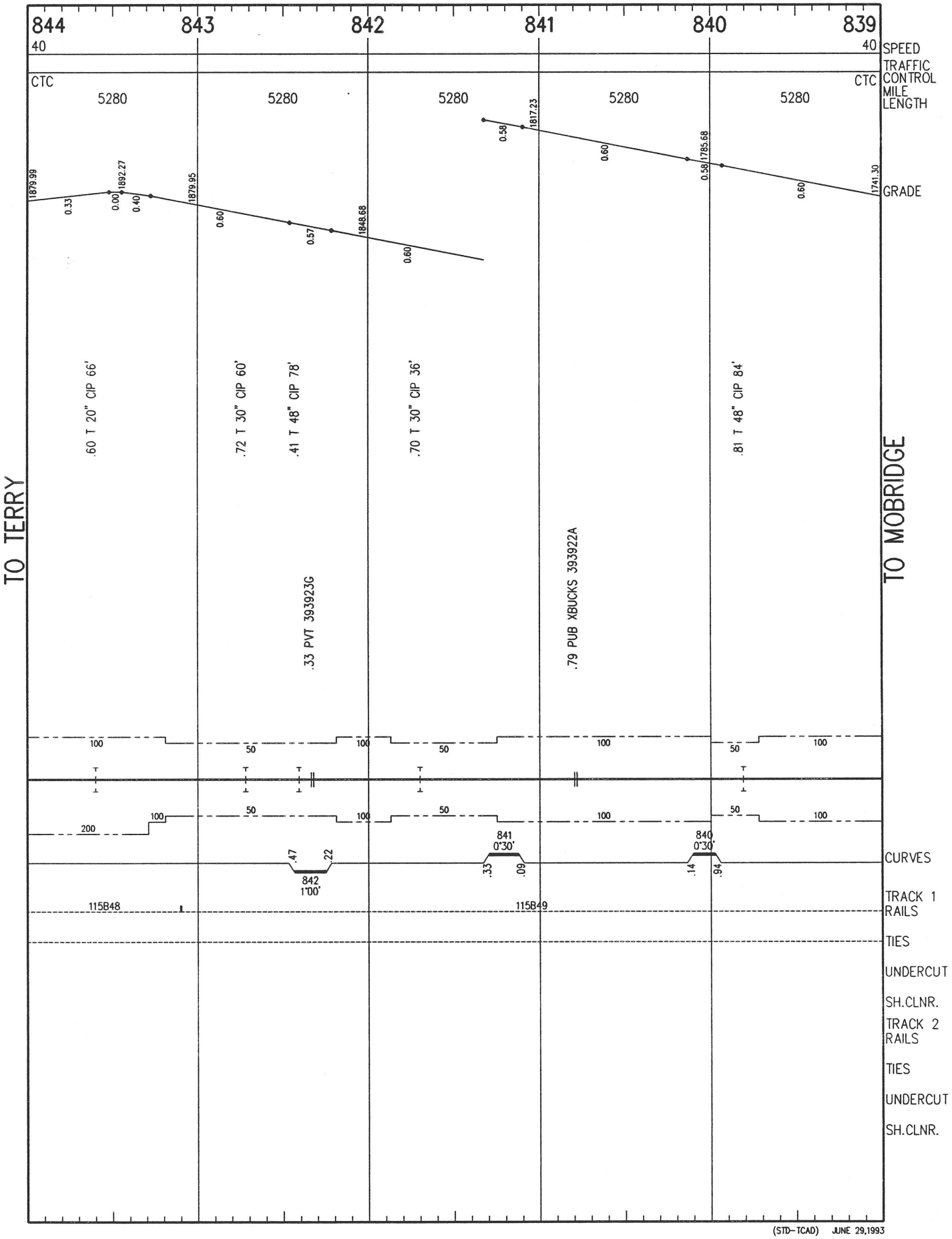
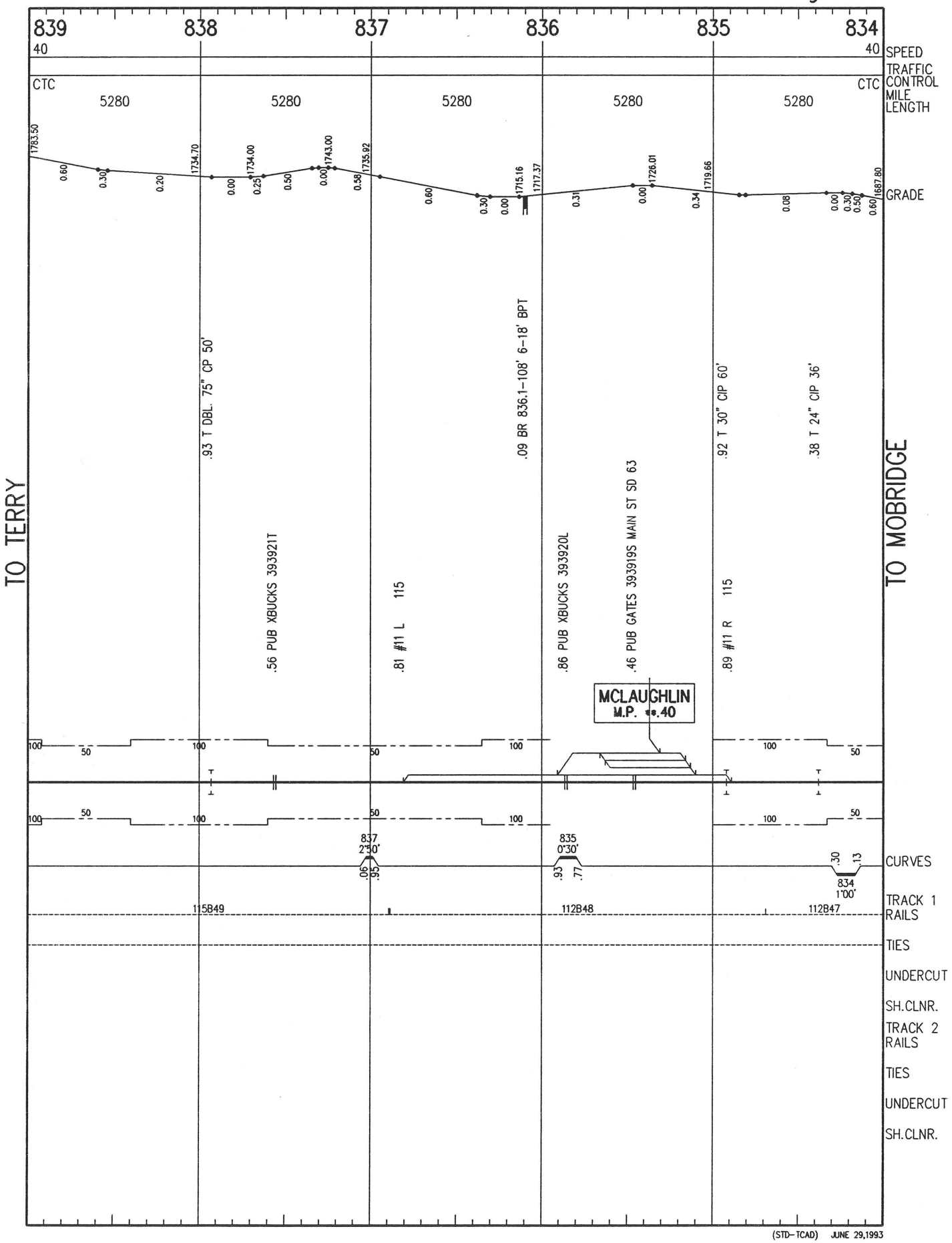


(STD-TCAD) JUNE 29,1993



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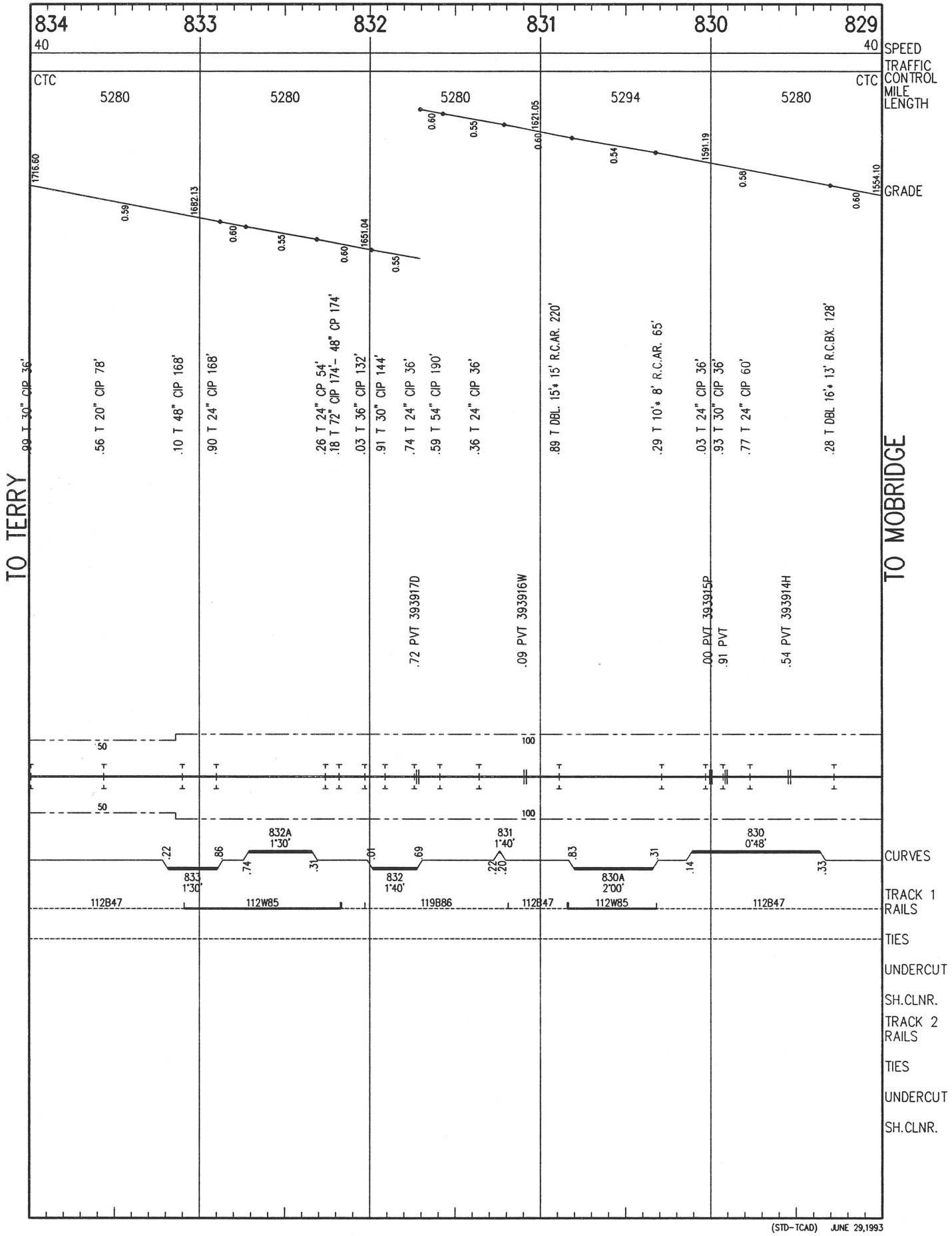

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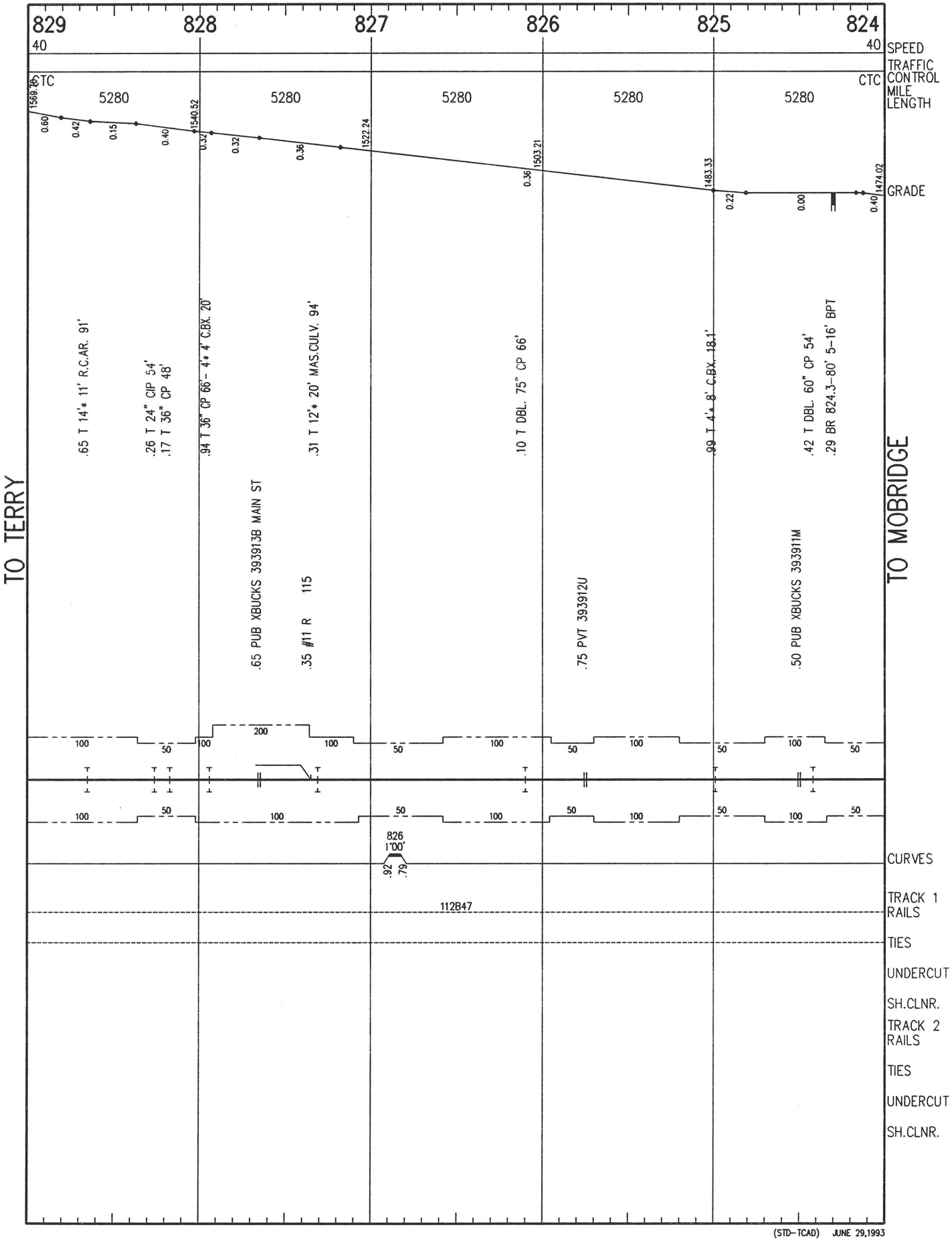

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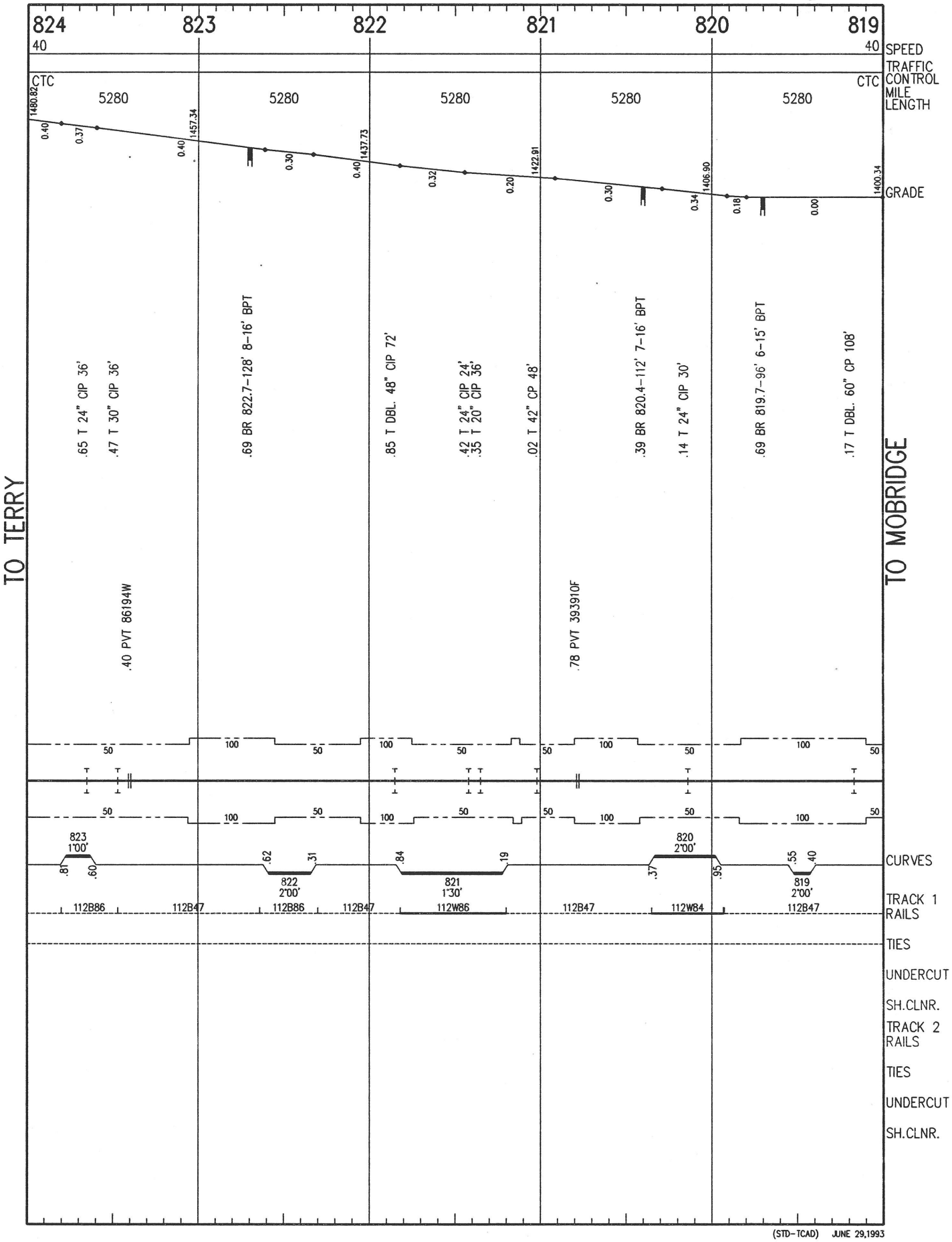

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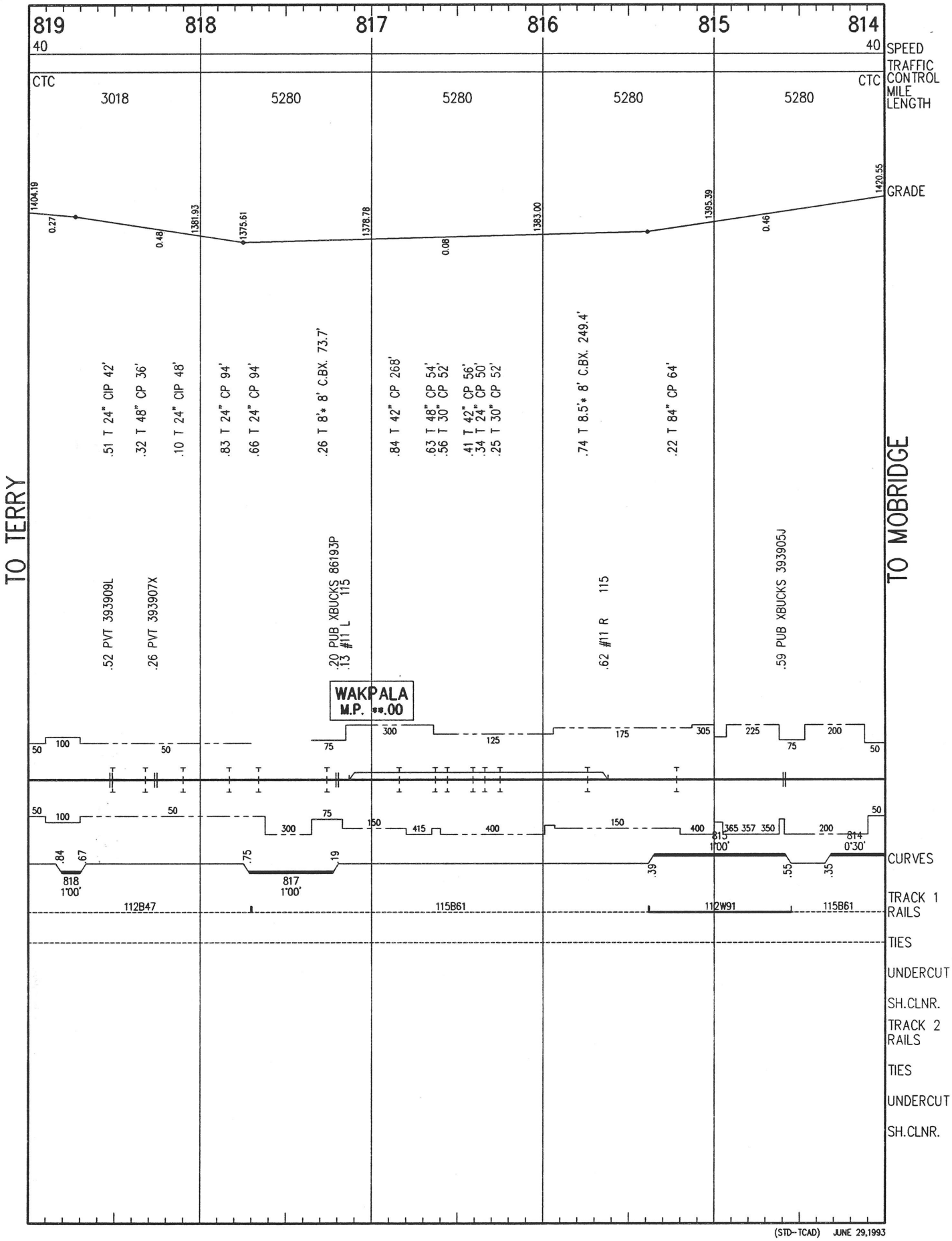

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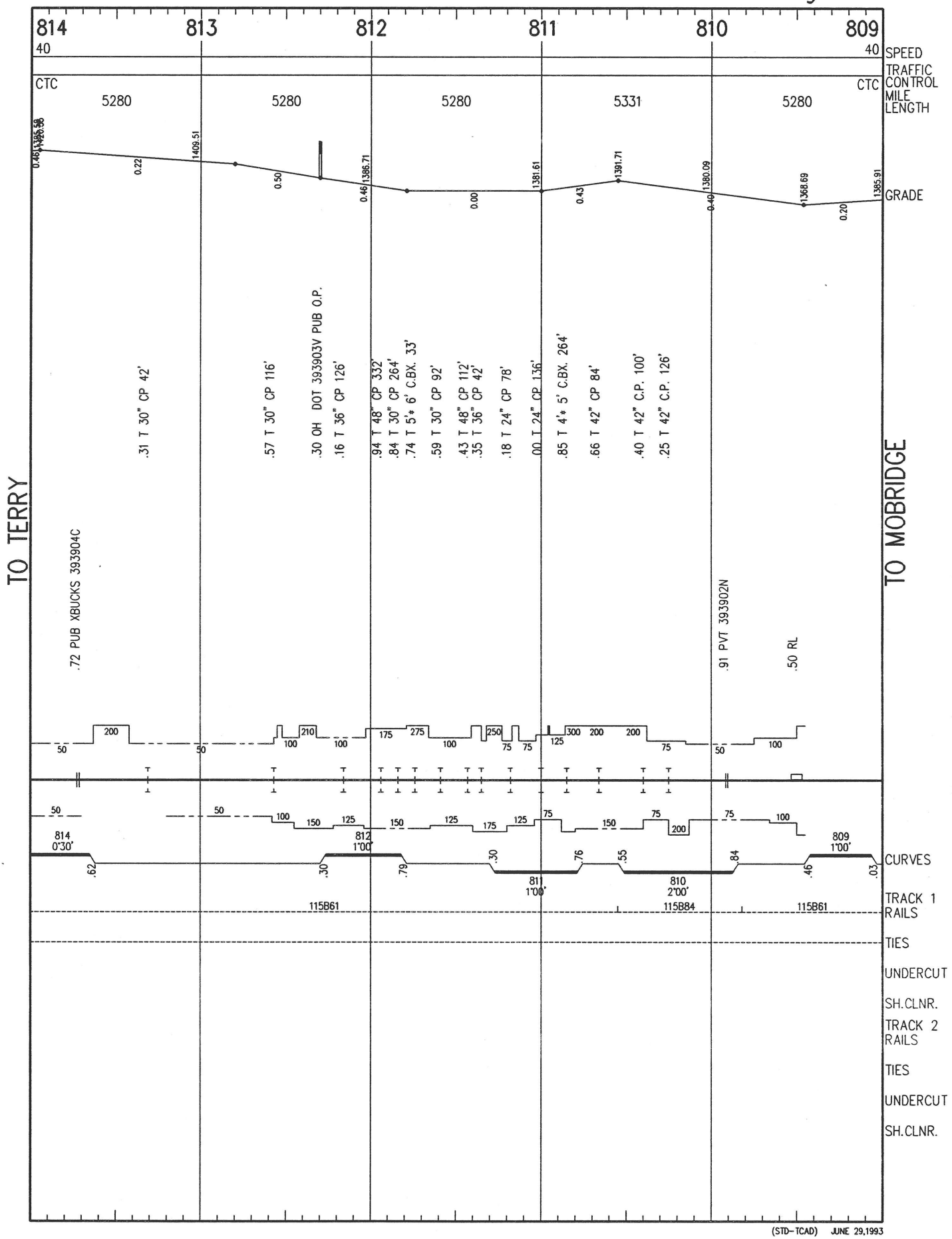
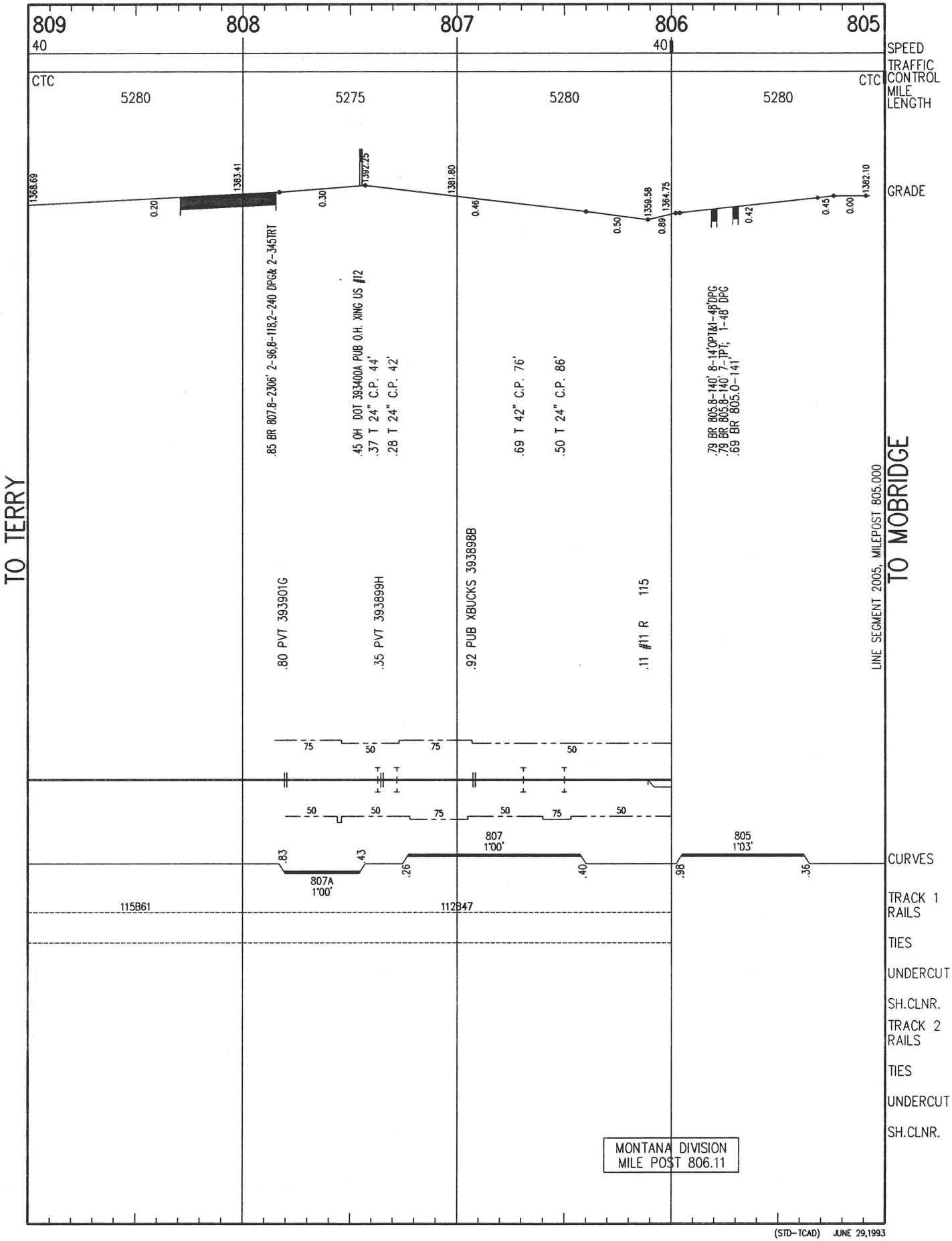
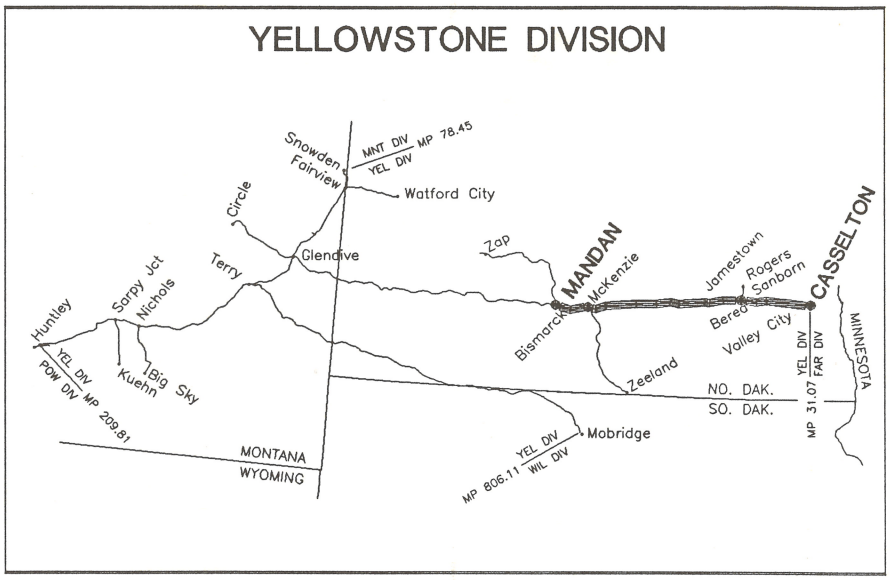


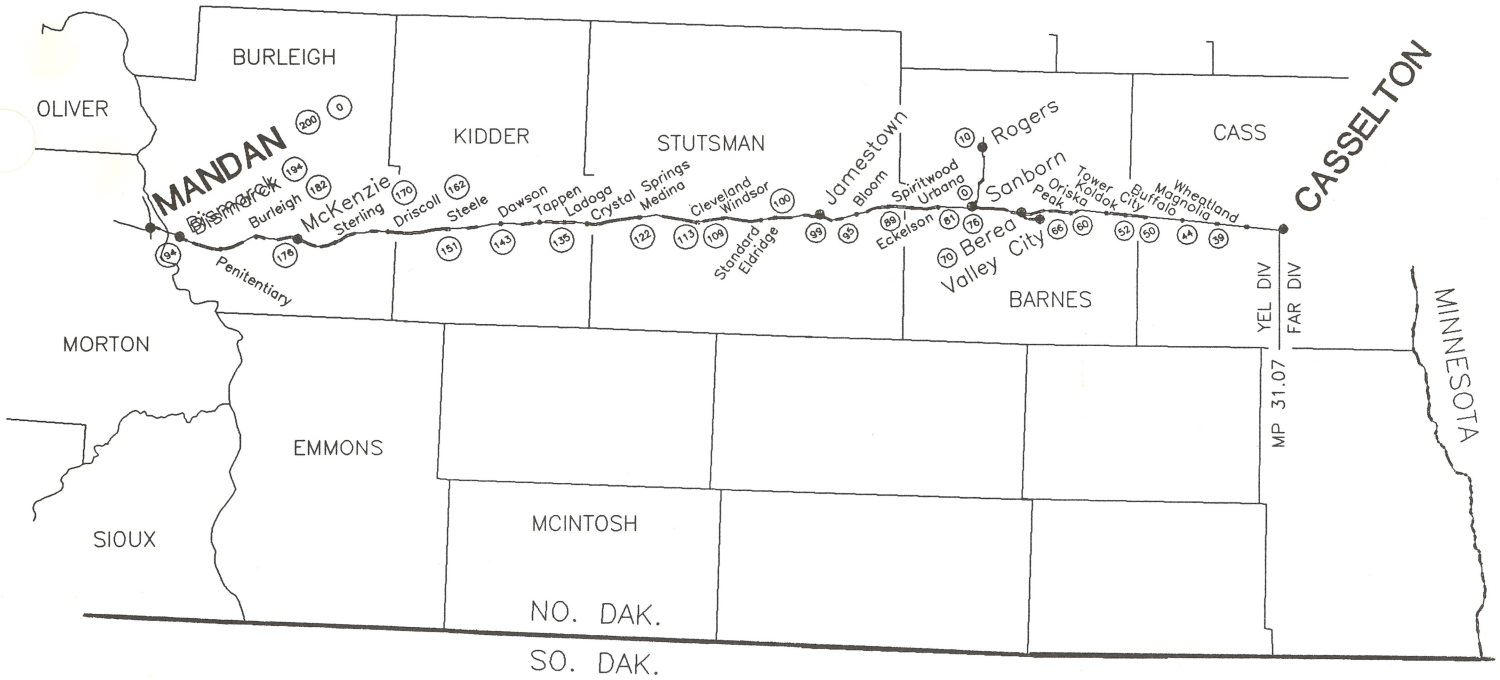
(STD–TCAD) JUNE 29,1993

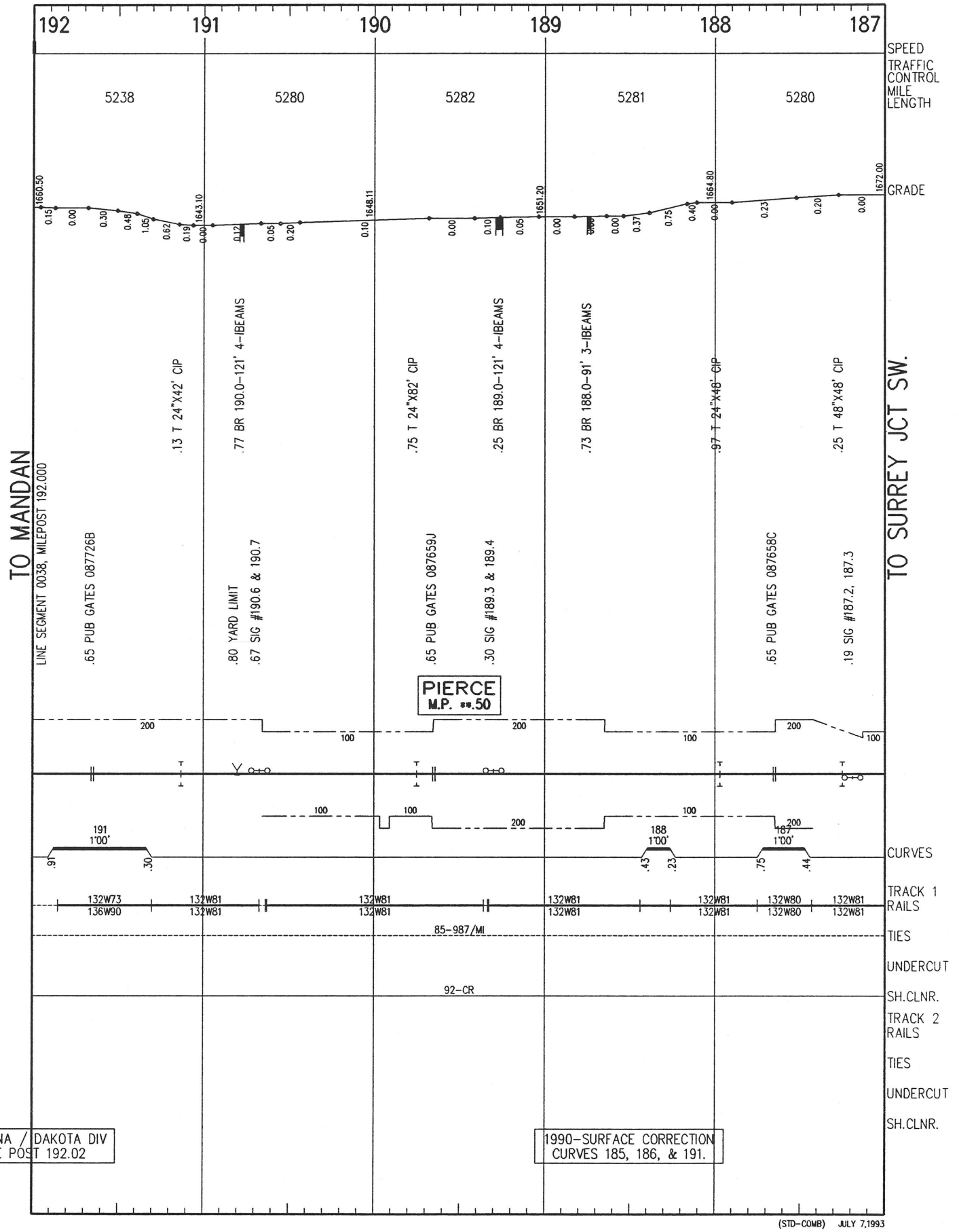


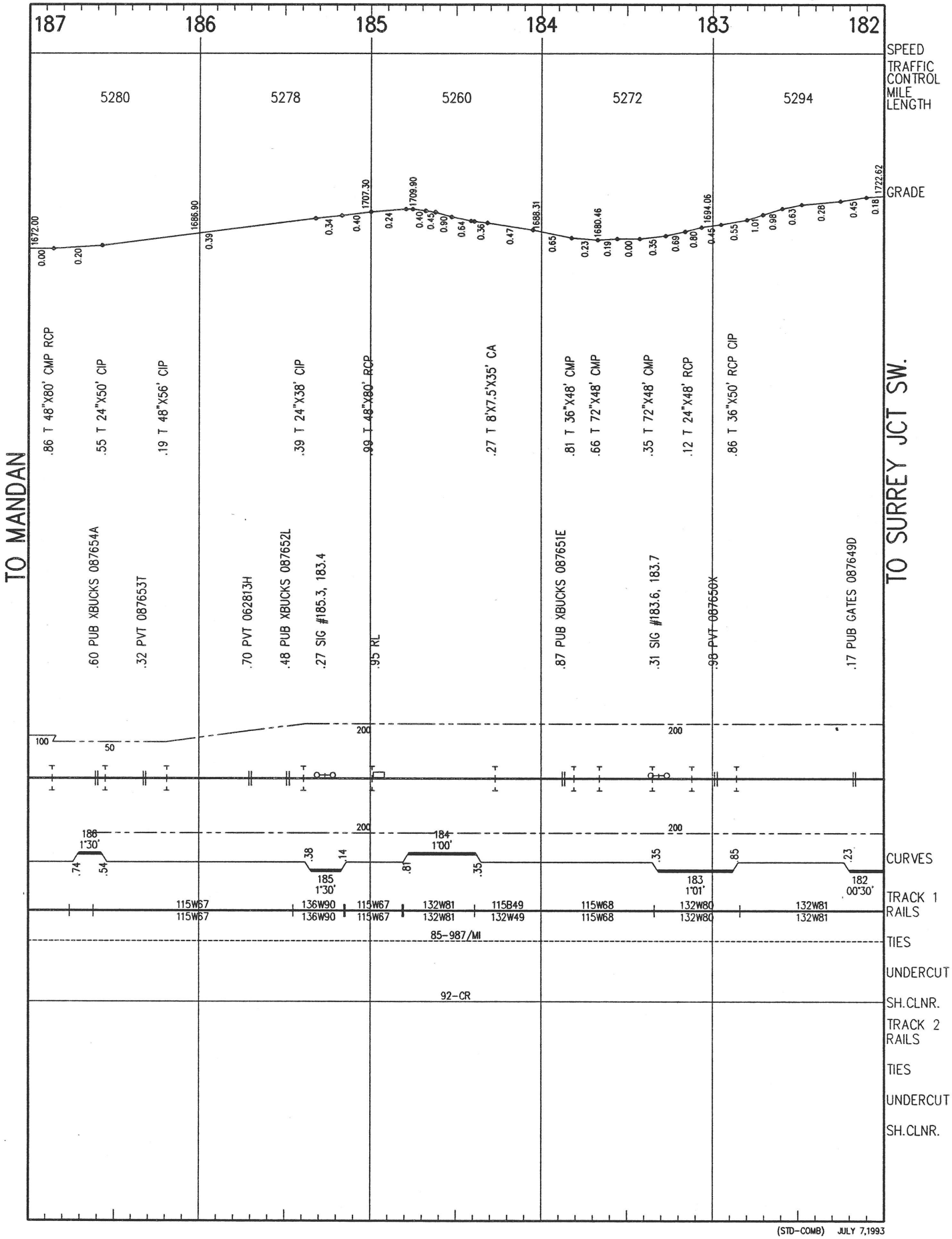
(STD-TCAD) JUNE 29,1993

BURLINGTON NORTHERN
YELLOWSTONE DIVISION
JAMESTOWN SUBDIVISION

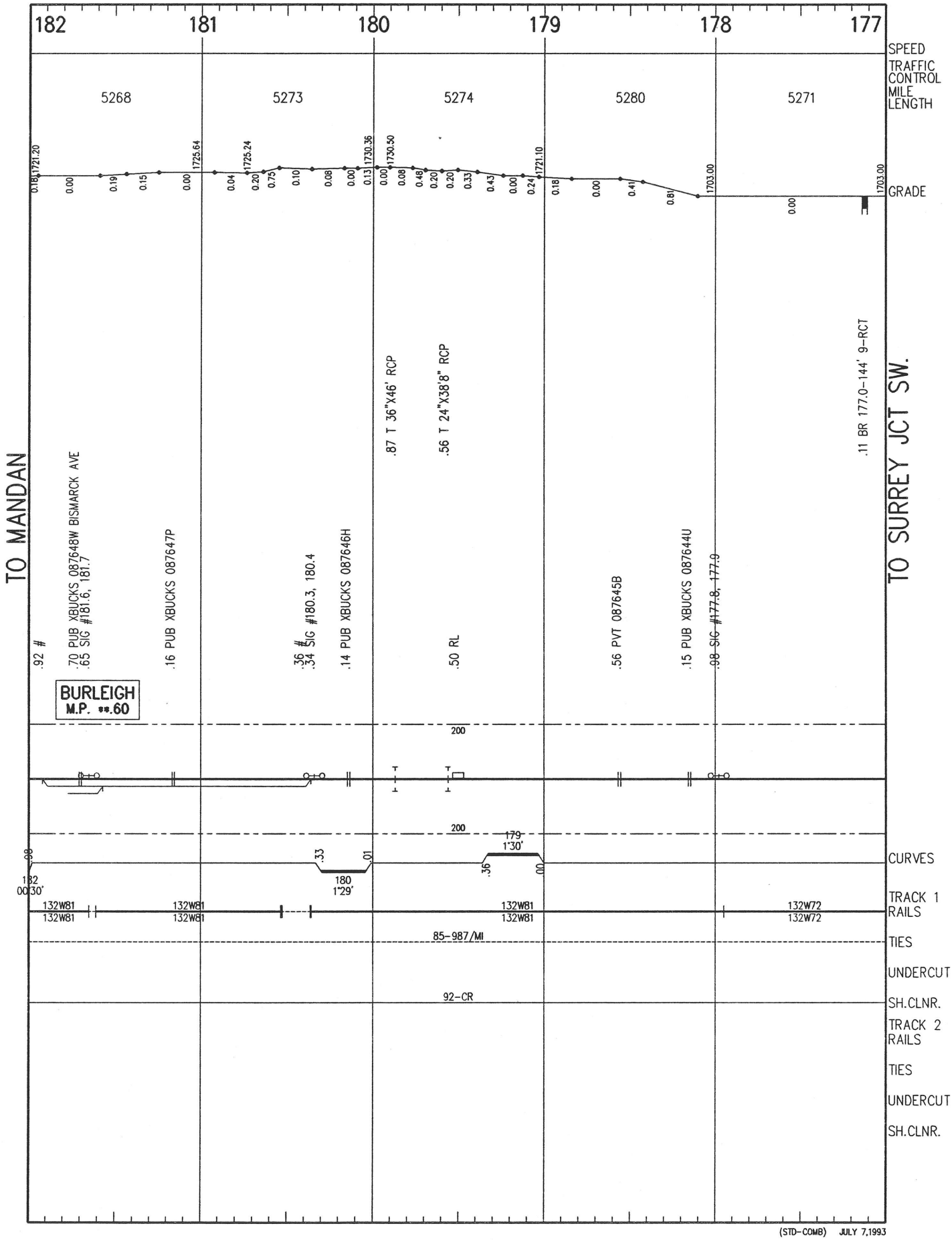





192
191
190
189
188
187
SPEED
TRAFFIC CONTROL
MILE LENGTH
5238
5280
5282
5281
5280
GRADE
1660.50
1643.10
1648.11
1651.20
1664.80
1672.00
TO MANDAN
LINE SEGMENT 0038, MILEPOST 192.000
TO SURREY JCT SW.
.65 PUB GATES 087726B
.13 T 24"X42' CIP
.77 BR 190.0-121' 4-IBEAMS
.80 YARD LIMIT
.67 SIG #190.6 & 190.7
.75 T 24"X82' CIP
.65 PUB GATES 087659J
.25 BR 189.0-121' 4-IBEAMS
.30 SIG #189.3 & 189.4
.73 BR 188.0-91' 3-IBEAMS
.97 T 24"X48' CIP
.65 PUB GATES 087658C
.25 T 48"X48' CIP
.19 SIG #187.2, 187.3
PIERCE
M.P. **.50
CURVES
TRACK 1 RAILS
132W73
136W90
132W81
132W80
85-987/MI
TIES
UNDERCUT
92-CR
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
ONTANA / DAKOTA DIV
MILE POST 192.02
1990-SURFACE CORRECTION
CURVES 185, 186, & 191.
(STD-COMB) JULY 7,1993



(STD-COMB) JULY 7,1993



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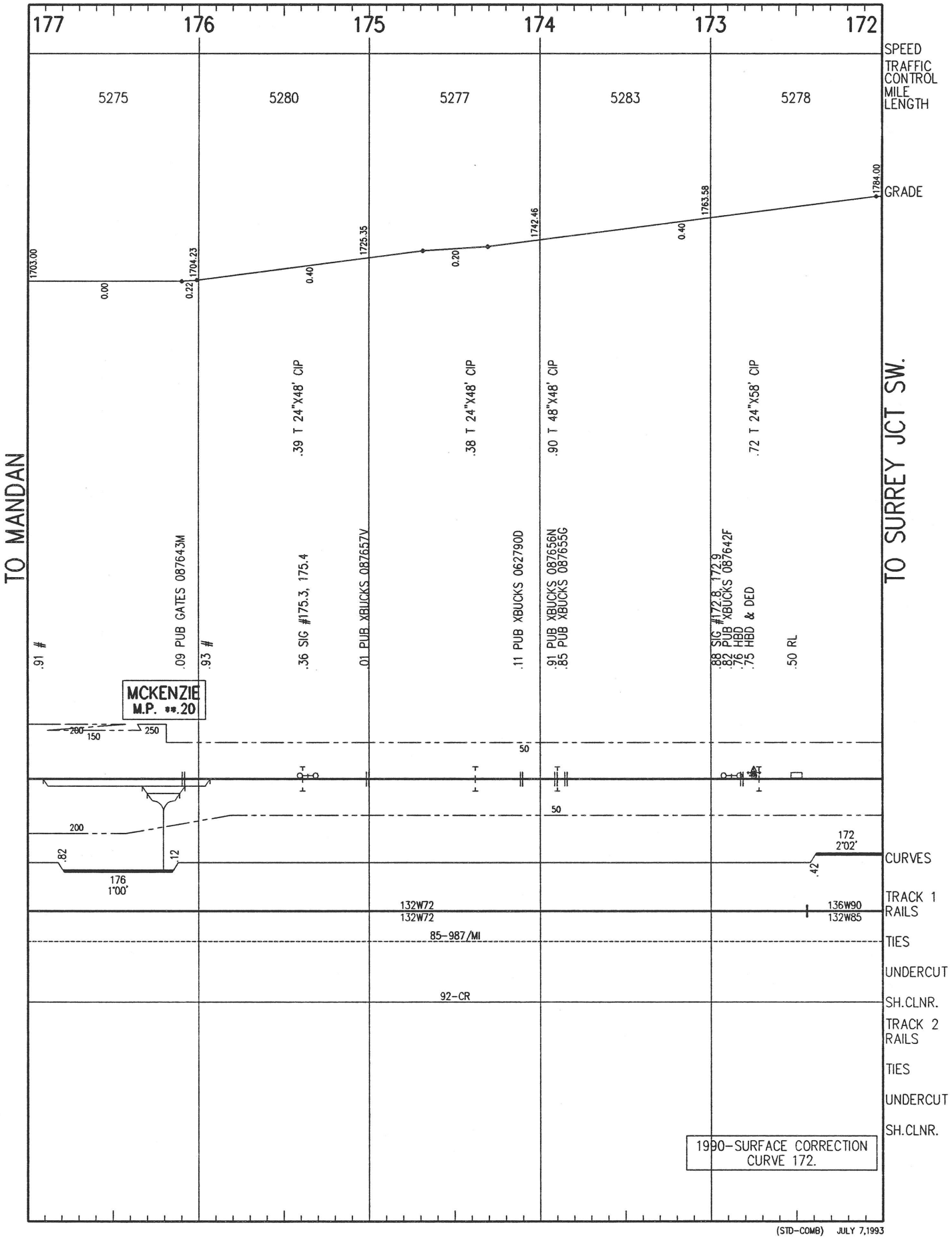

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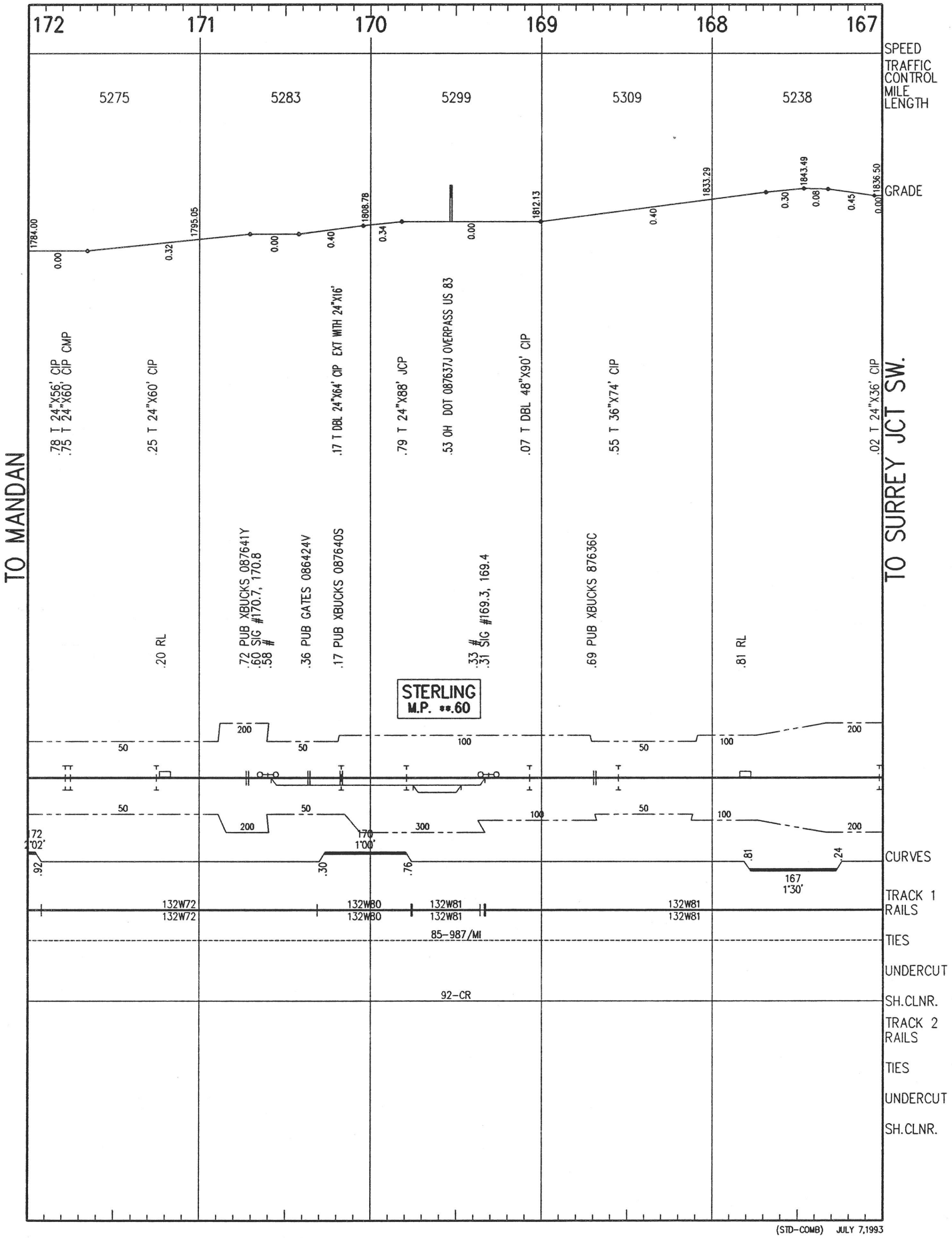

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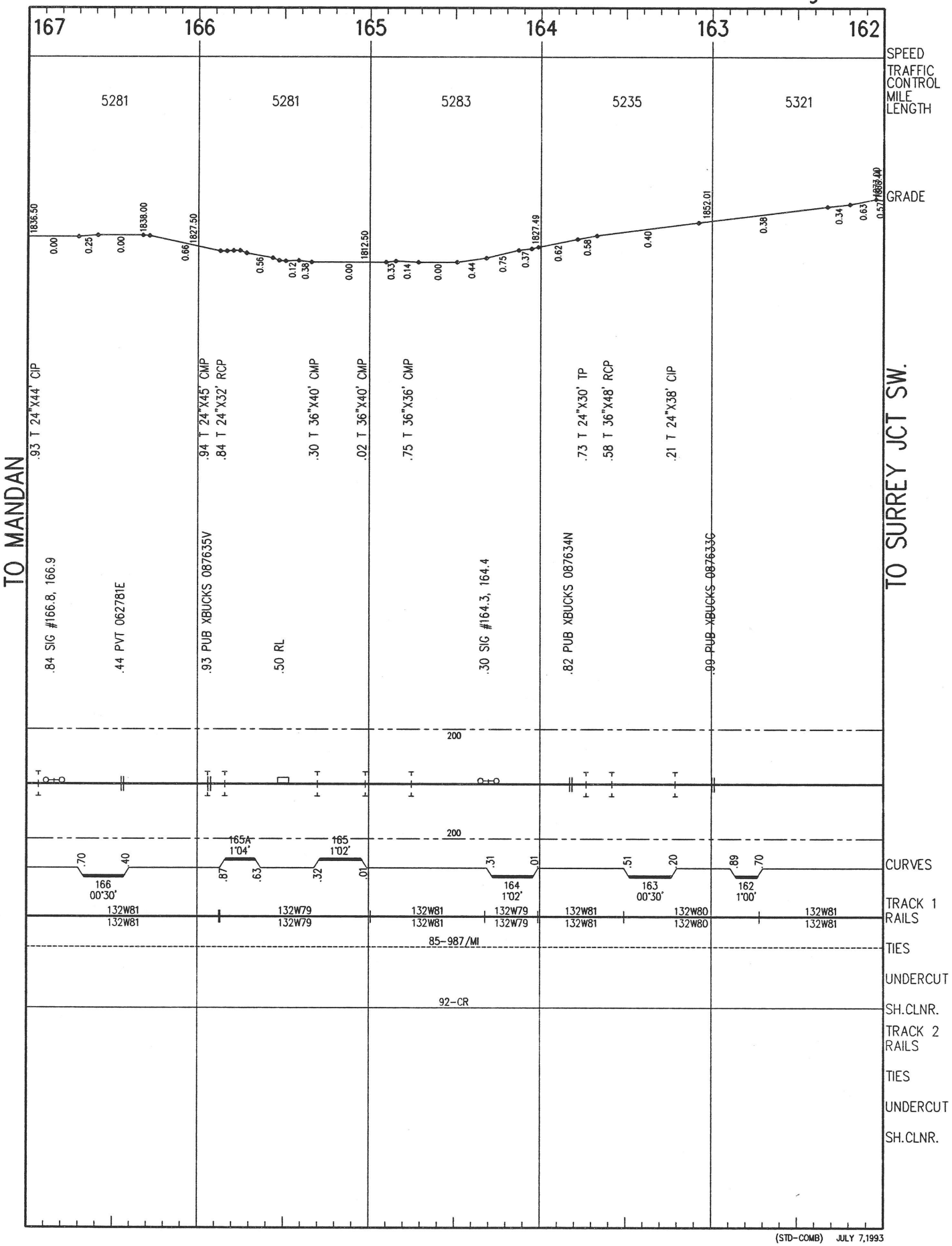
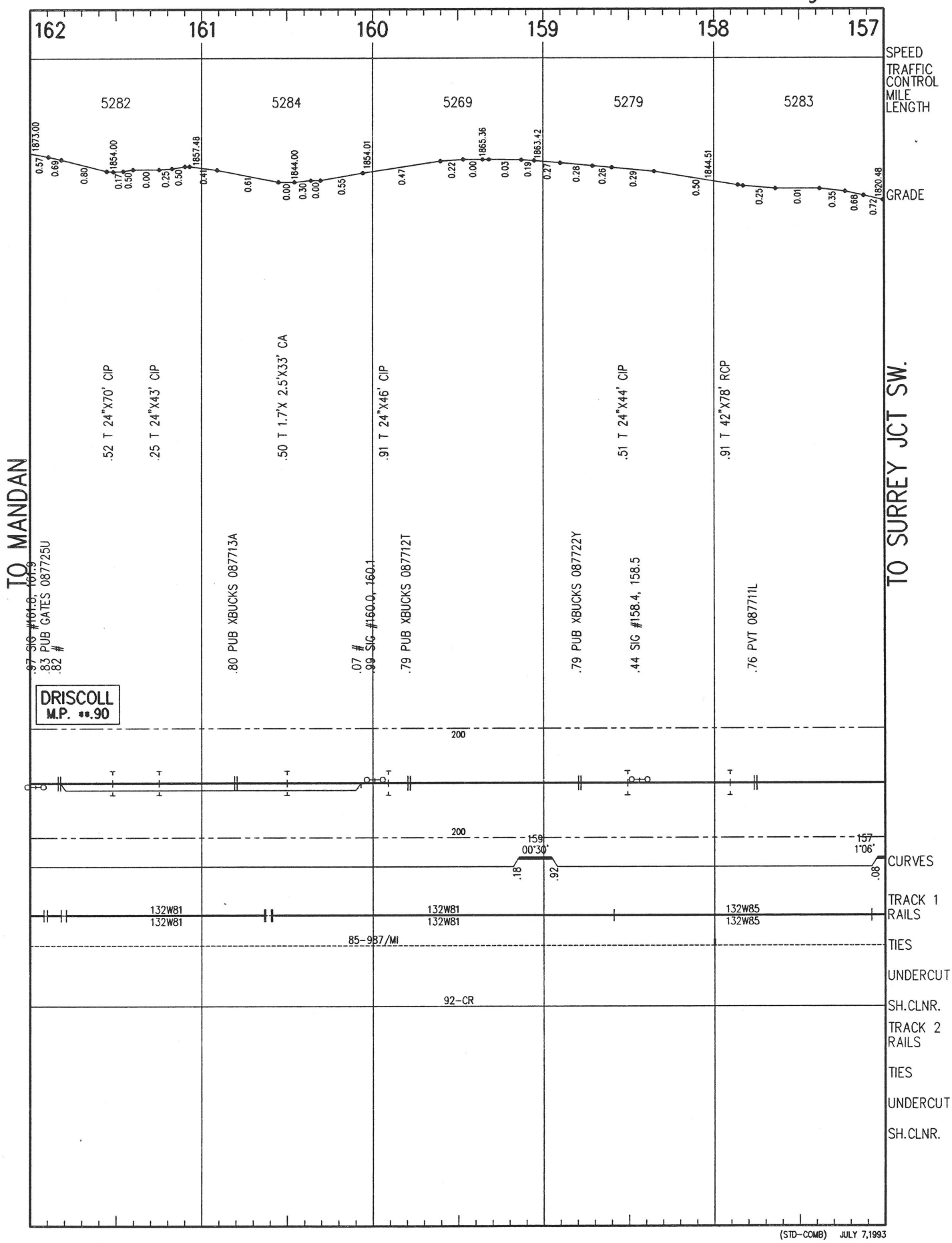


(STD-COMB) JULY 7,1993



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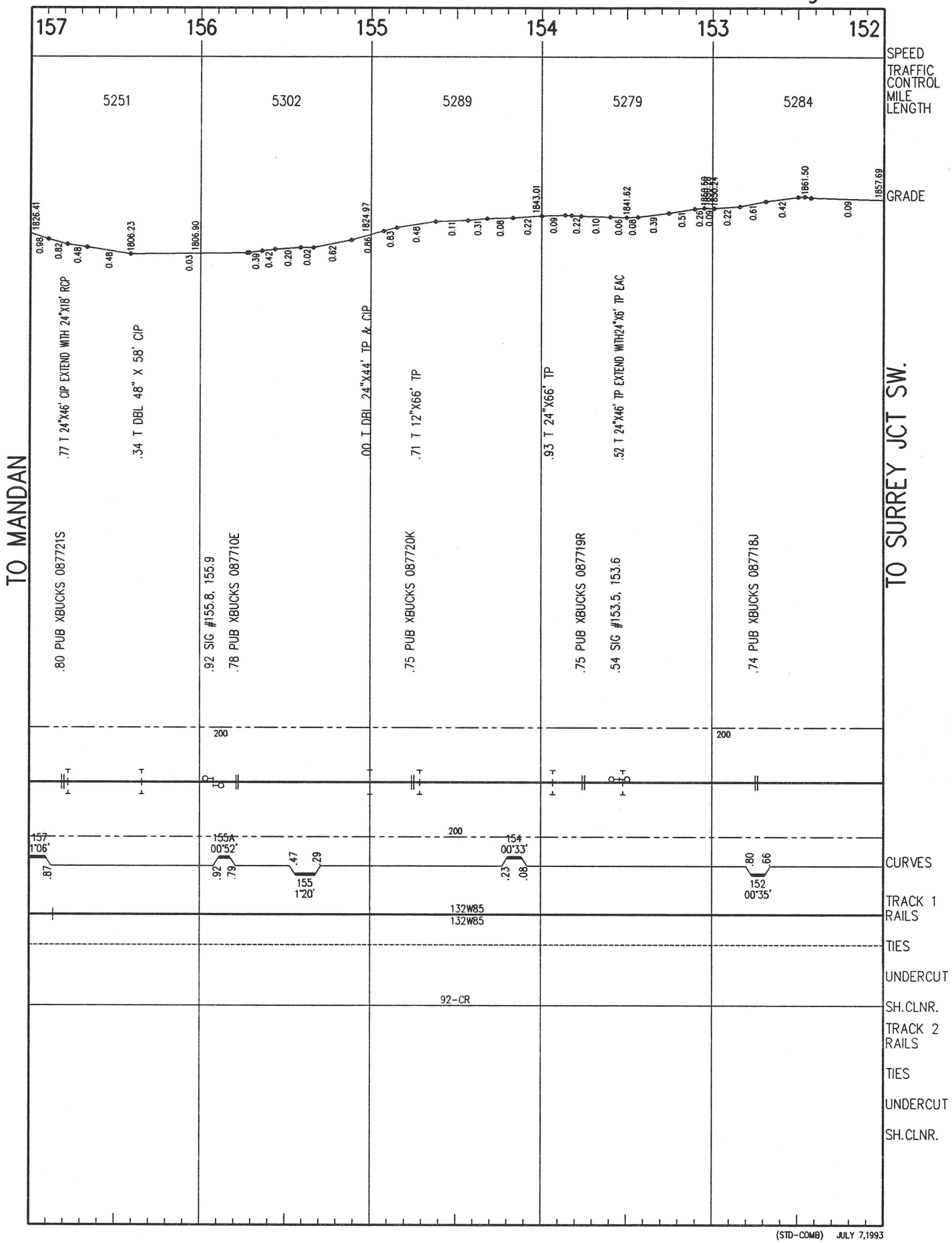

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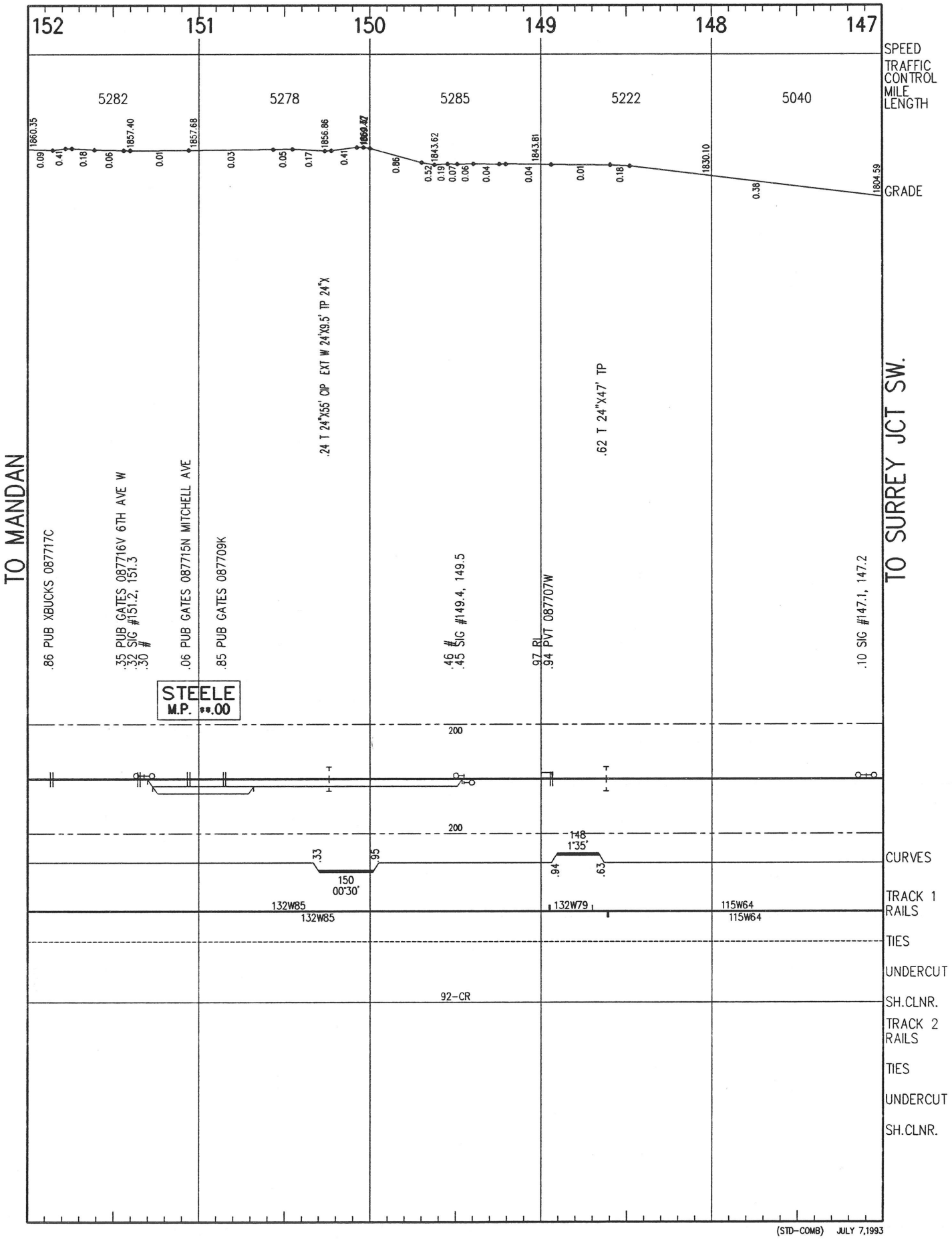

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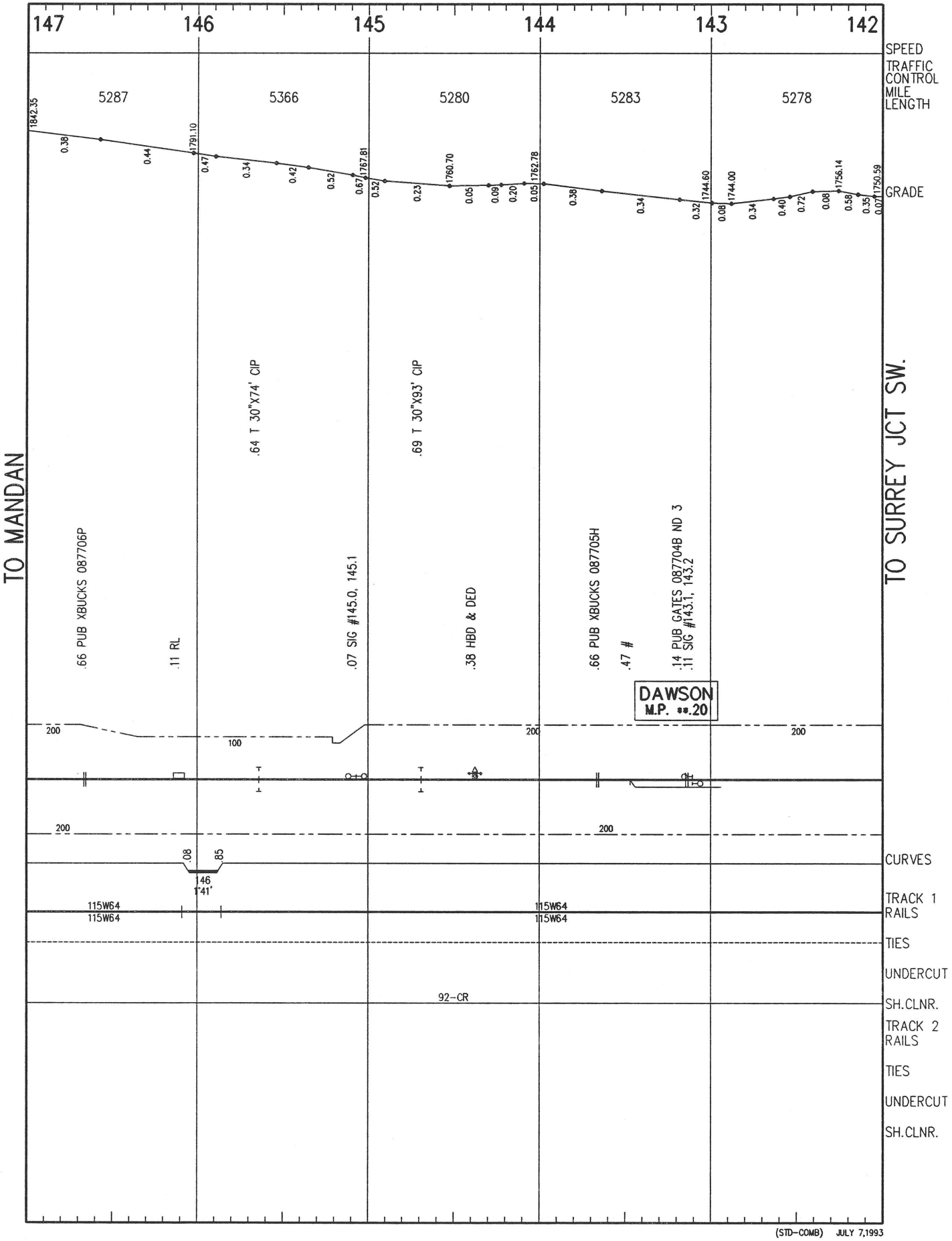
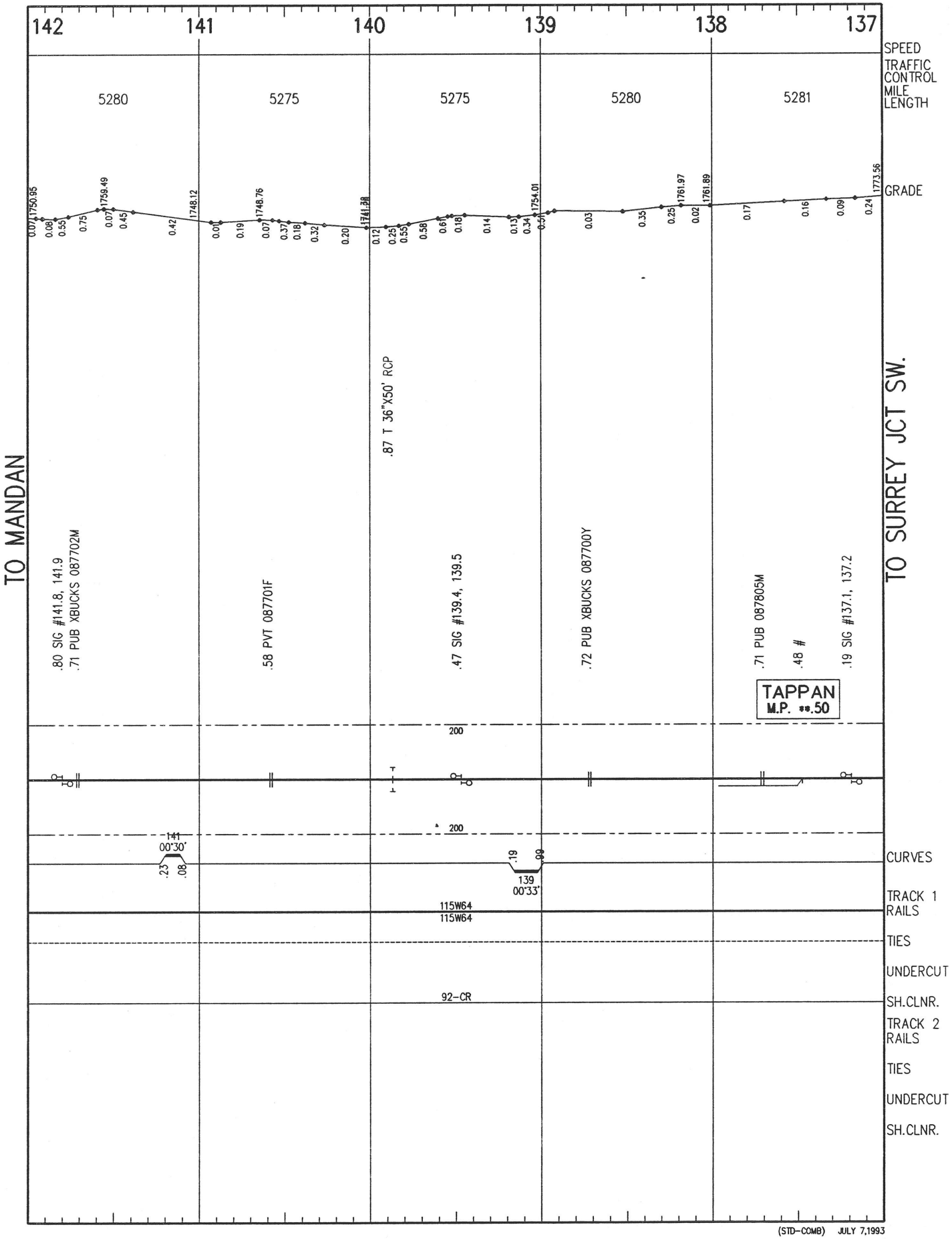


(STD-COMB) JULY 7,1993



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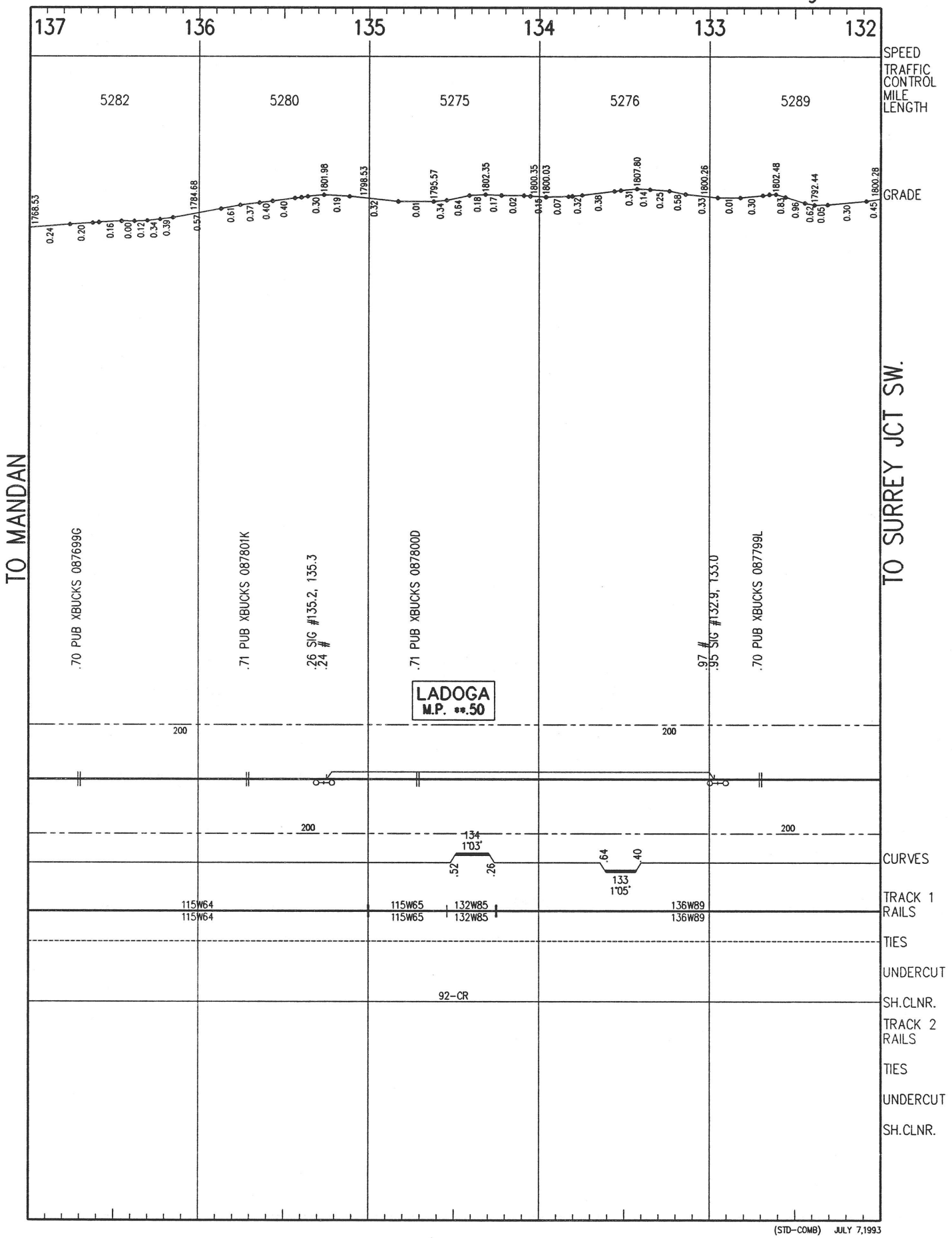

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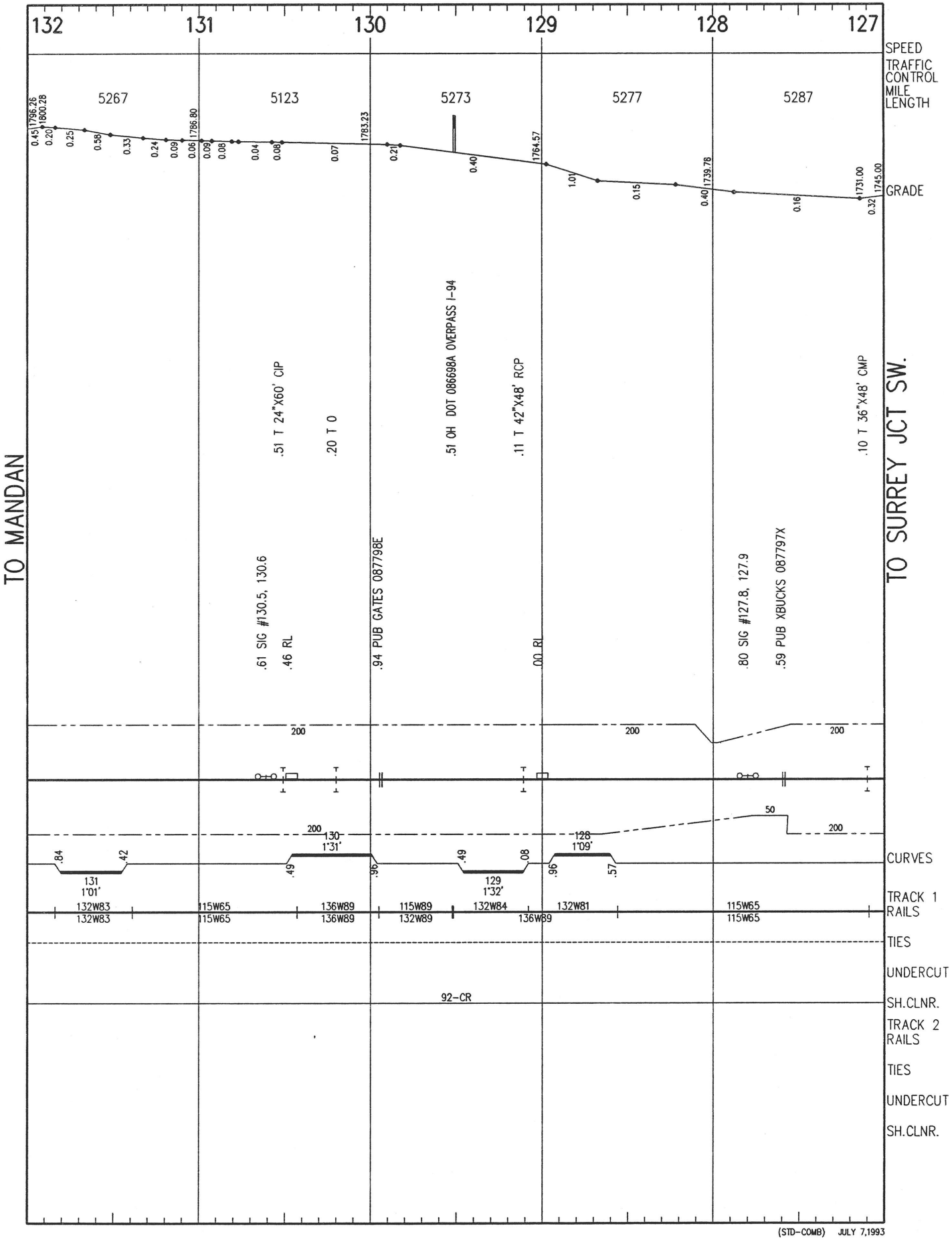

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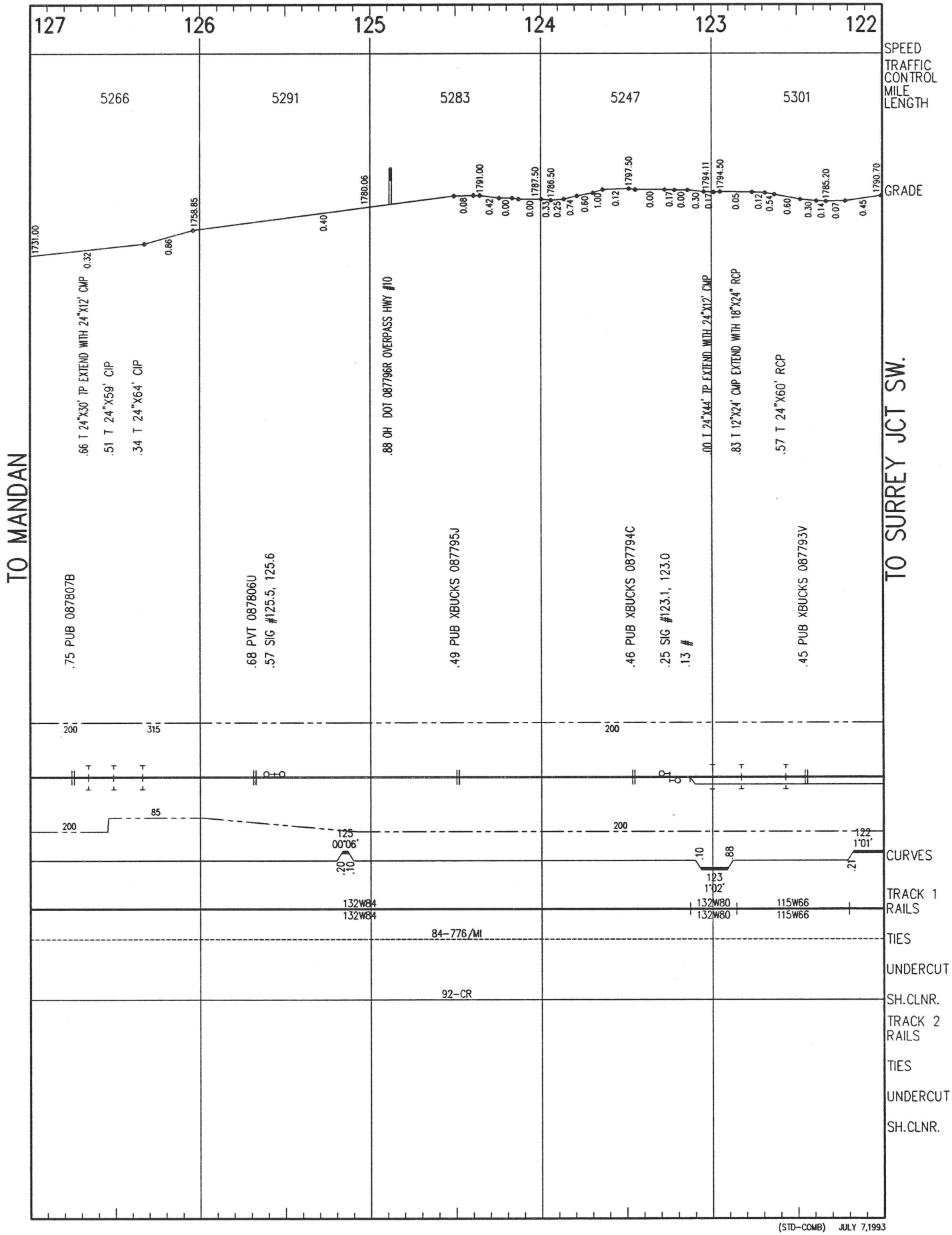

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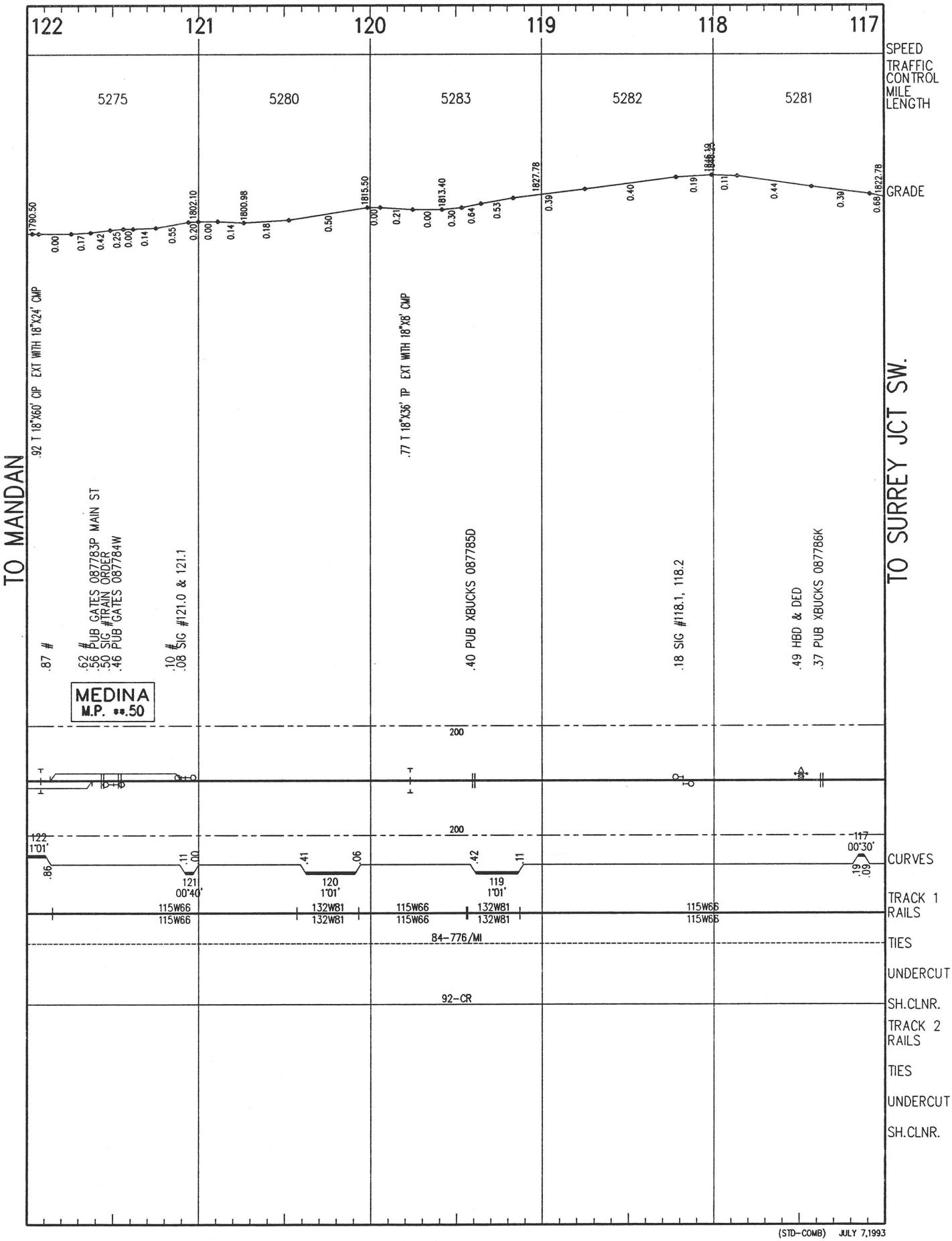
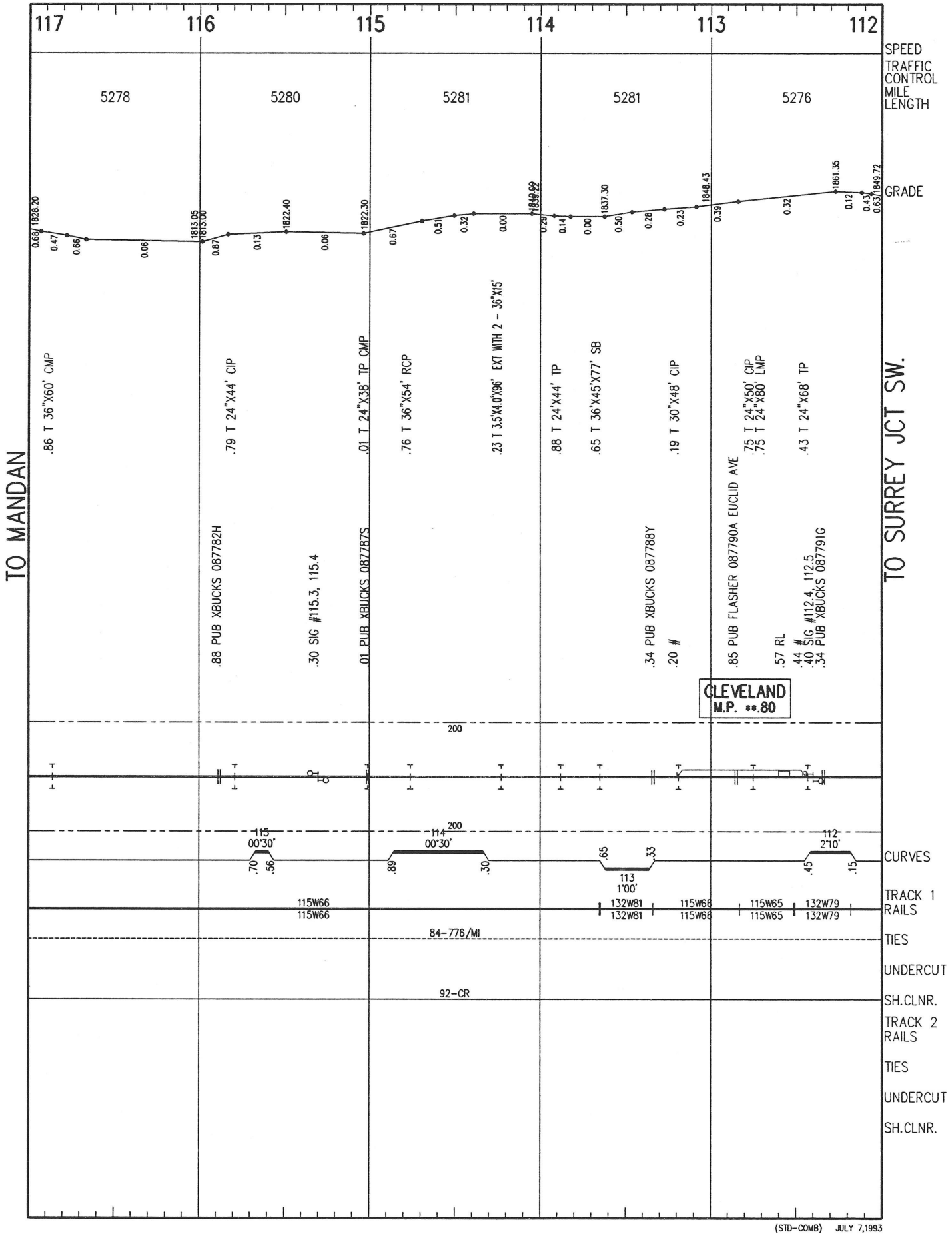
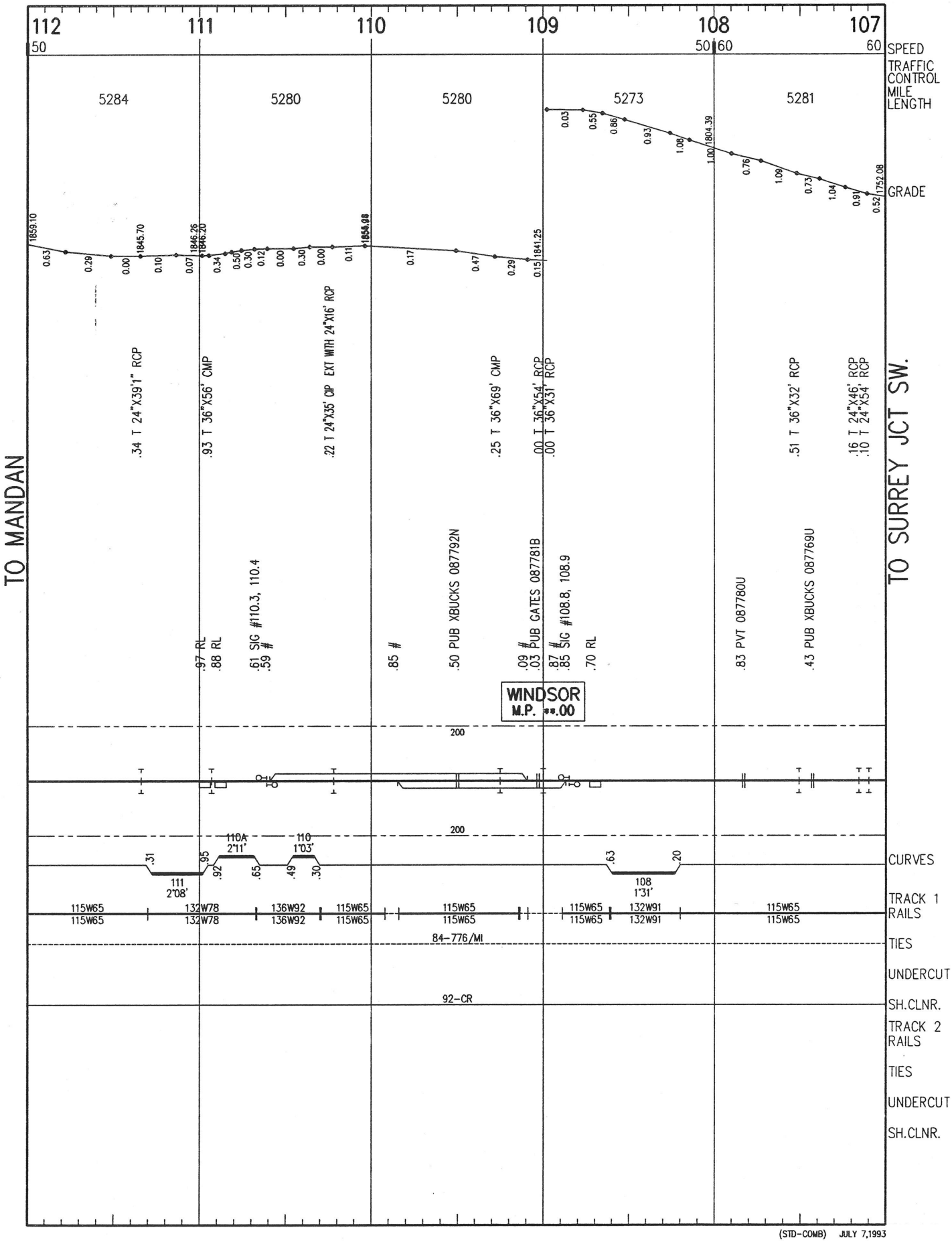


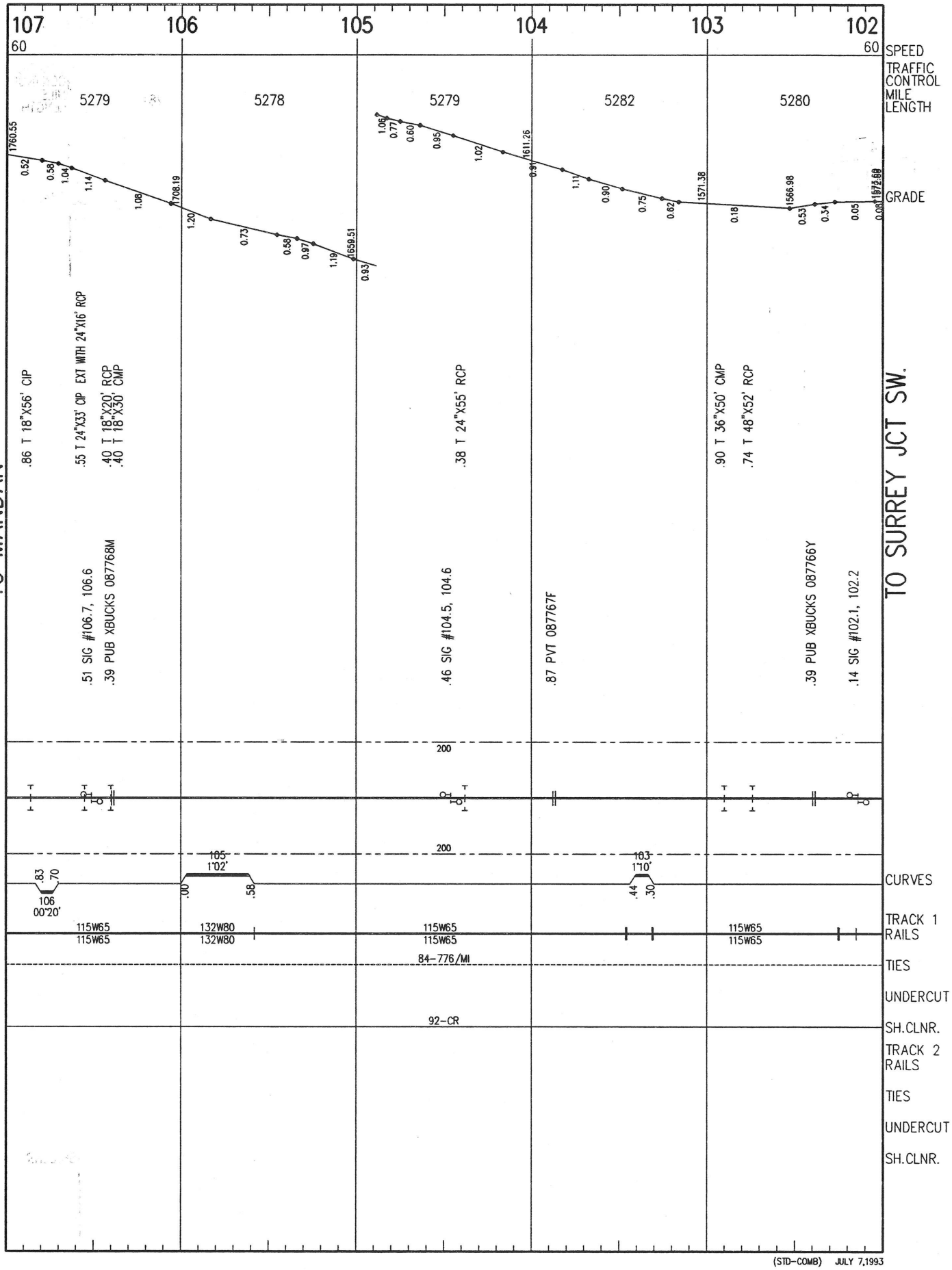
(STD-COMB) JULY 7,1993



(STD-COMB) JULY 7,1993



(STD–COMB) JULY 7,1993



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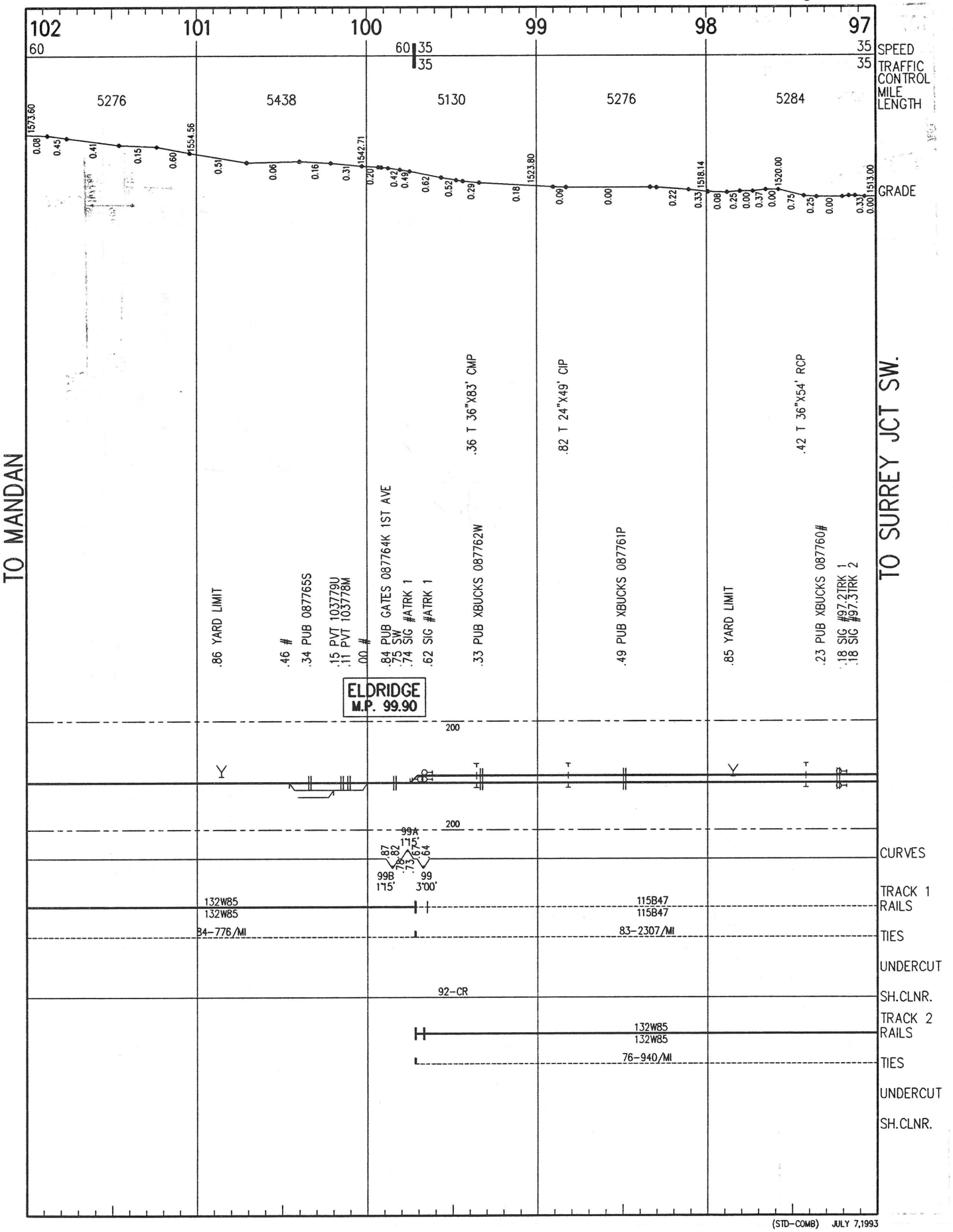

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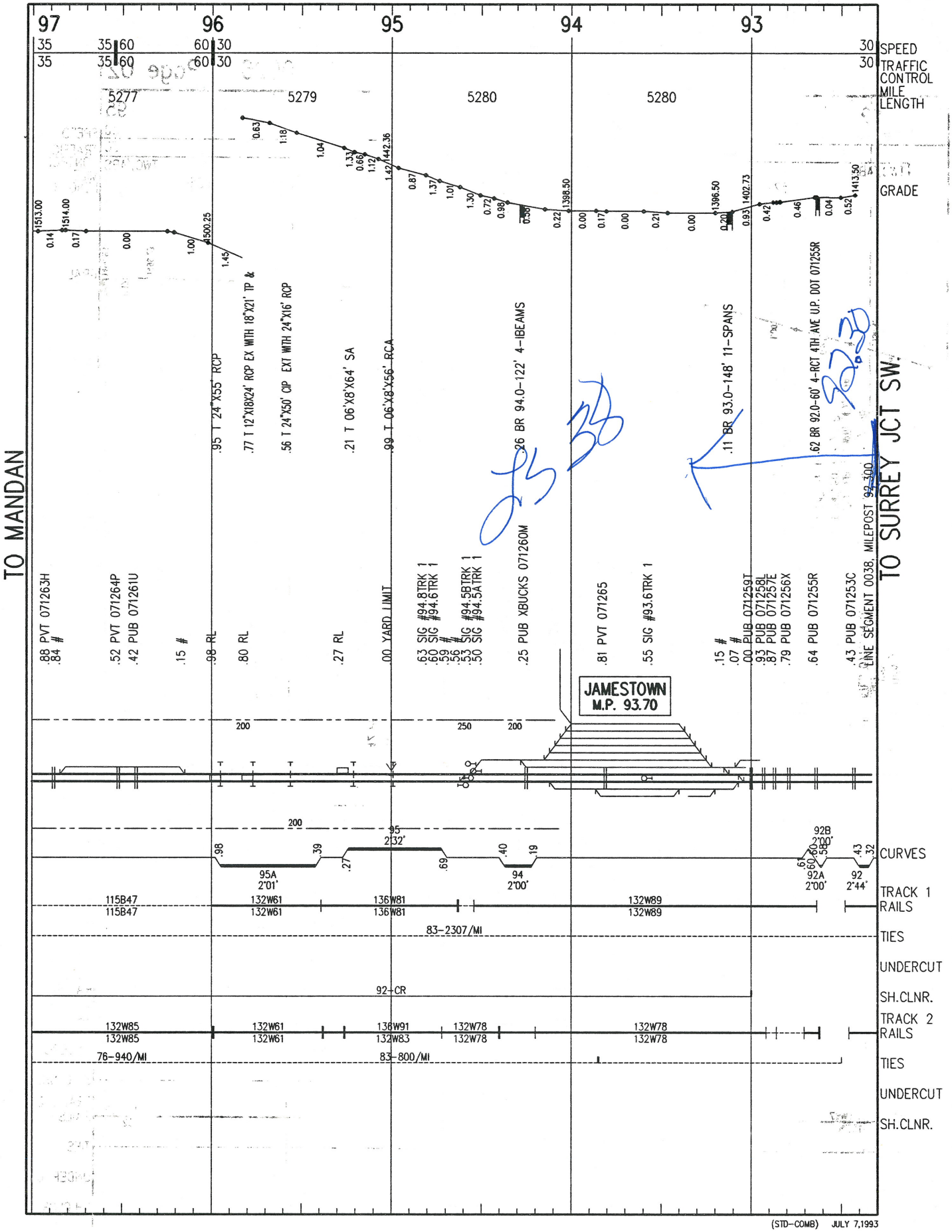
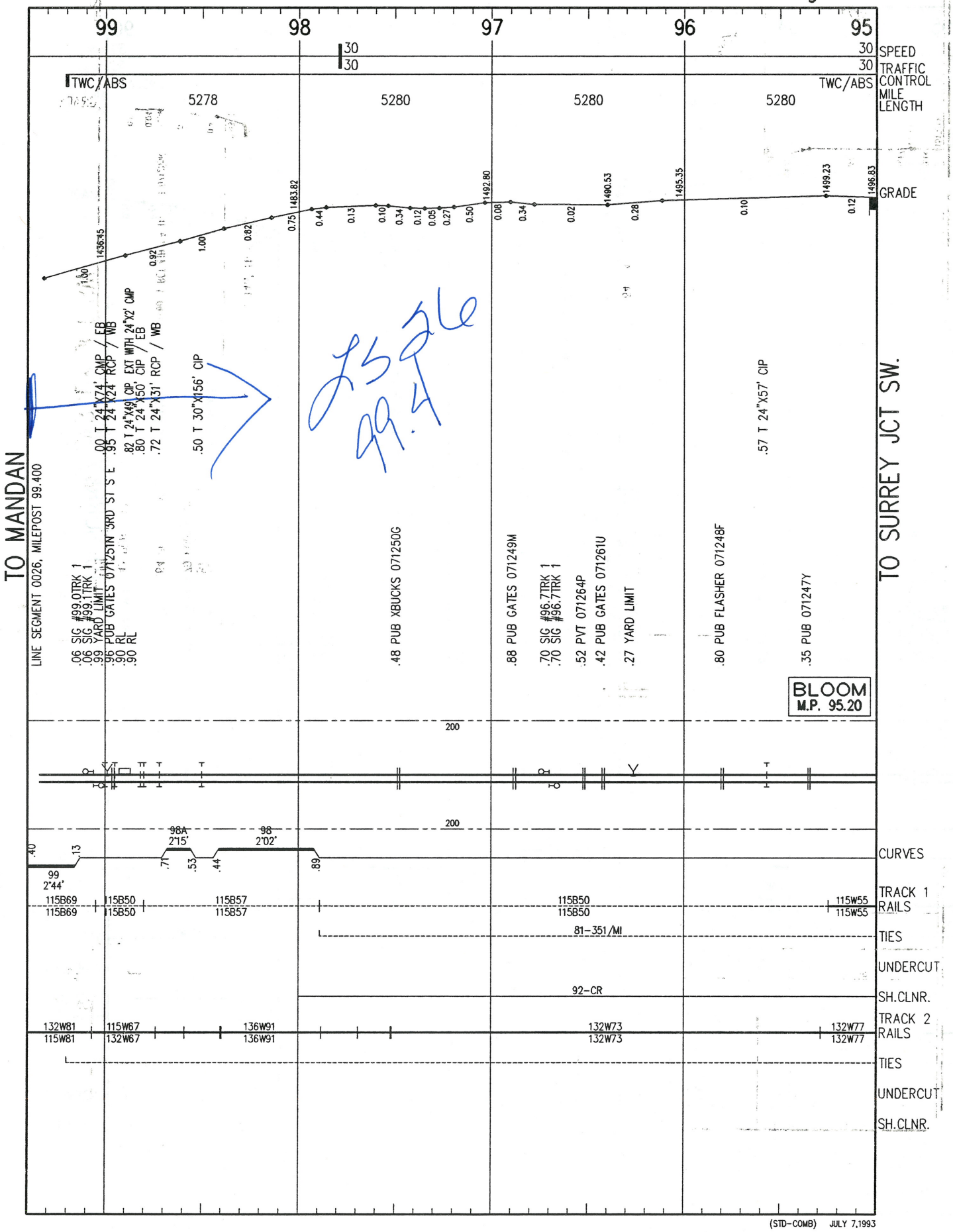
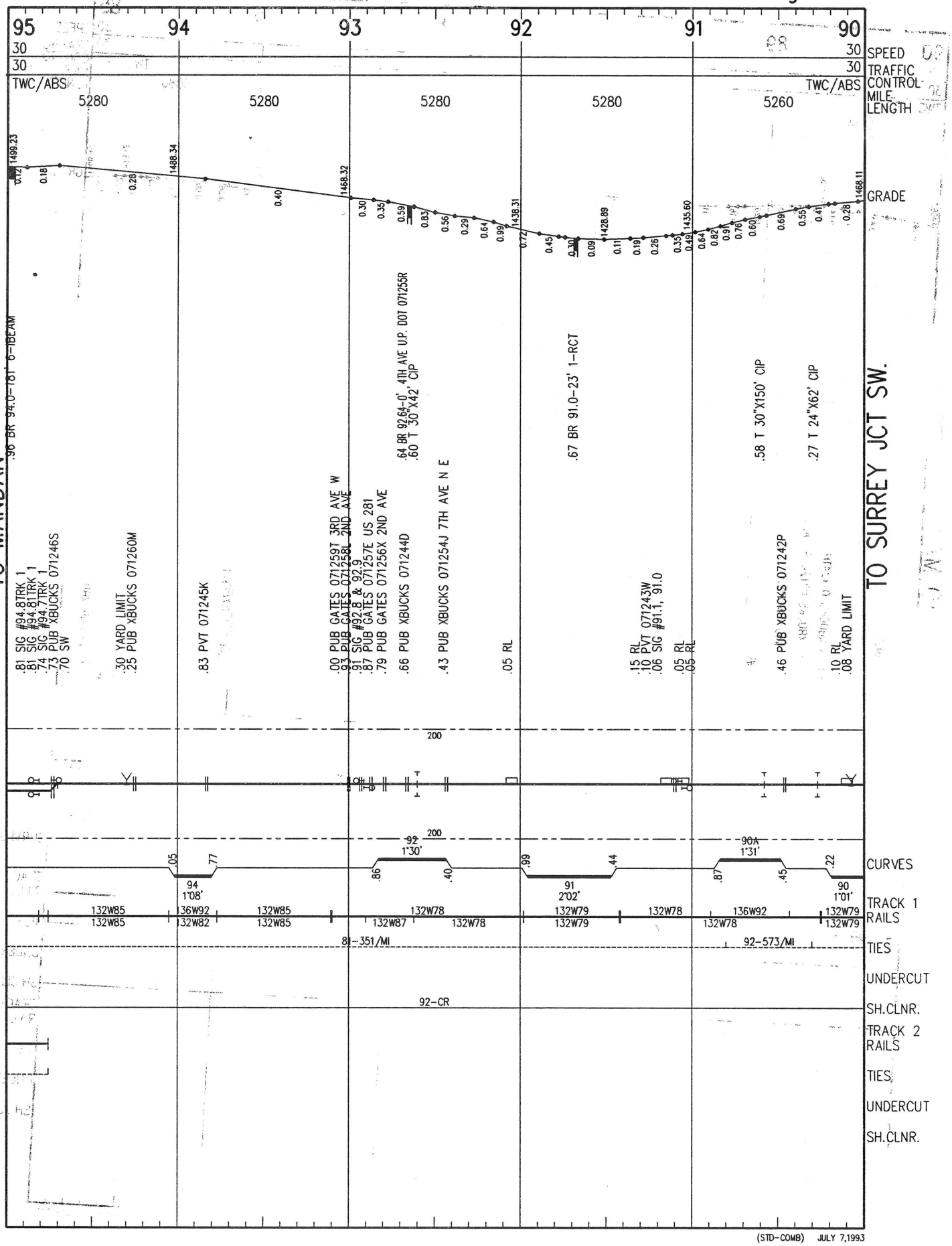
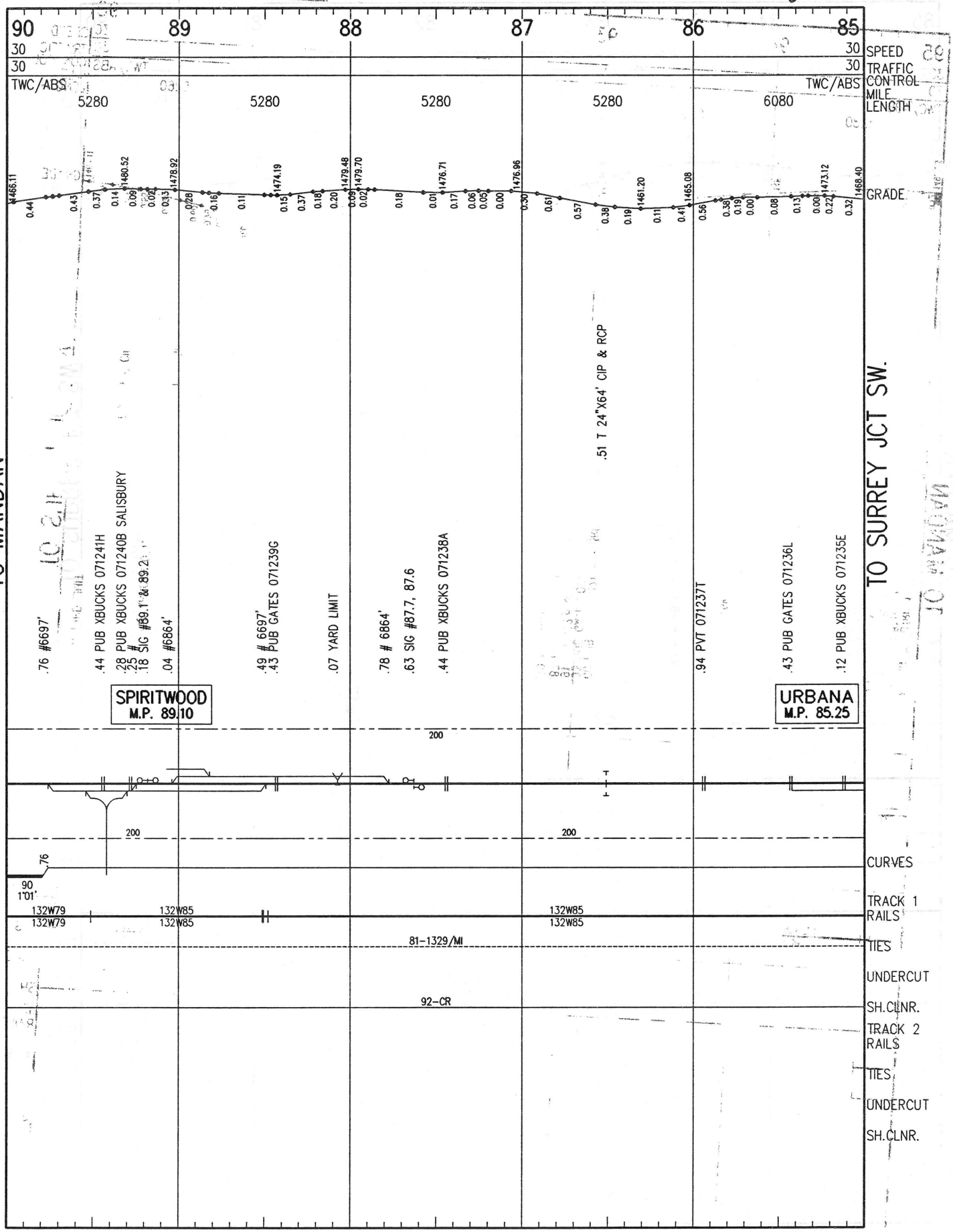

97
96
95
94
93
SPEED
TRAFFIC CONTROL
MILE LENGTH
GRADE
5277
5279
5280
5280
TO MANDAN
TO SURREY JCT SW.
.95 T 24'X55' RCP
.77 T 12'X18X24' RCP EX WITH 18'X21' TP &
.56 T 24'X50' CIP EXT WITH 24'X16' RCP
.21 T 06'X8'X64' SA
.99 T 06'X8'X56' RCA
.26 BR 94.0-122' 4-IBEAMS
.11 BR 93.0-148' 11-SPANS
.62 BR 92.0-60' 4-RCT 4TH AVE U.P. DOT 071255R
.88 PVT 071263H
.84 #
.52 PVT 071264P
.42 PUB 071261U
.15 #
.98 RL
.80 RL
.27 RL
.00 YARD LIMIT
.63 SIG #94.8TRK 1
.60 SIG #94.6TRK 1
.59 #
.56 SIG #94.5BTRK 1
.53 SIG #94.5ATRK 1
.50 SIG
.25 PUB XBUCKS 071260M
.81 PVT 071265
.55 SIG #93.6TRK 1
.15 #
.07 #
.00 PUB 071259T
.93 PUB 071258L
.87 PUB 071257E
.79 PUB 071256X
.64 PUB 071255R
.43 PUB 071253C
LINE SEGMENT 0038, MILEPOST 92.300
JAMESTOWN
M.P. 93.70
CURVES
95A 2°01'
95 2°32'
94 2°00'
92B 2°00'
92A 2°00'
92 2°44'
TRACK 1 RAILS
115B47
132W61
136W81
132W89
TIES
83-2307/MI
UNDERCUT
SH.CLNR.
92-CR
TRACK 2 RAILS
132W85
132W61
136W91
132W78
132W83
TIES
76-940/MI
83-800/MI
UNDERCUT
SH.CLNR.
(STD-COMB) JULY 7,1993



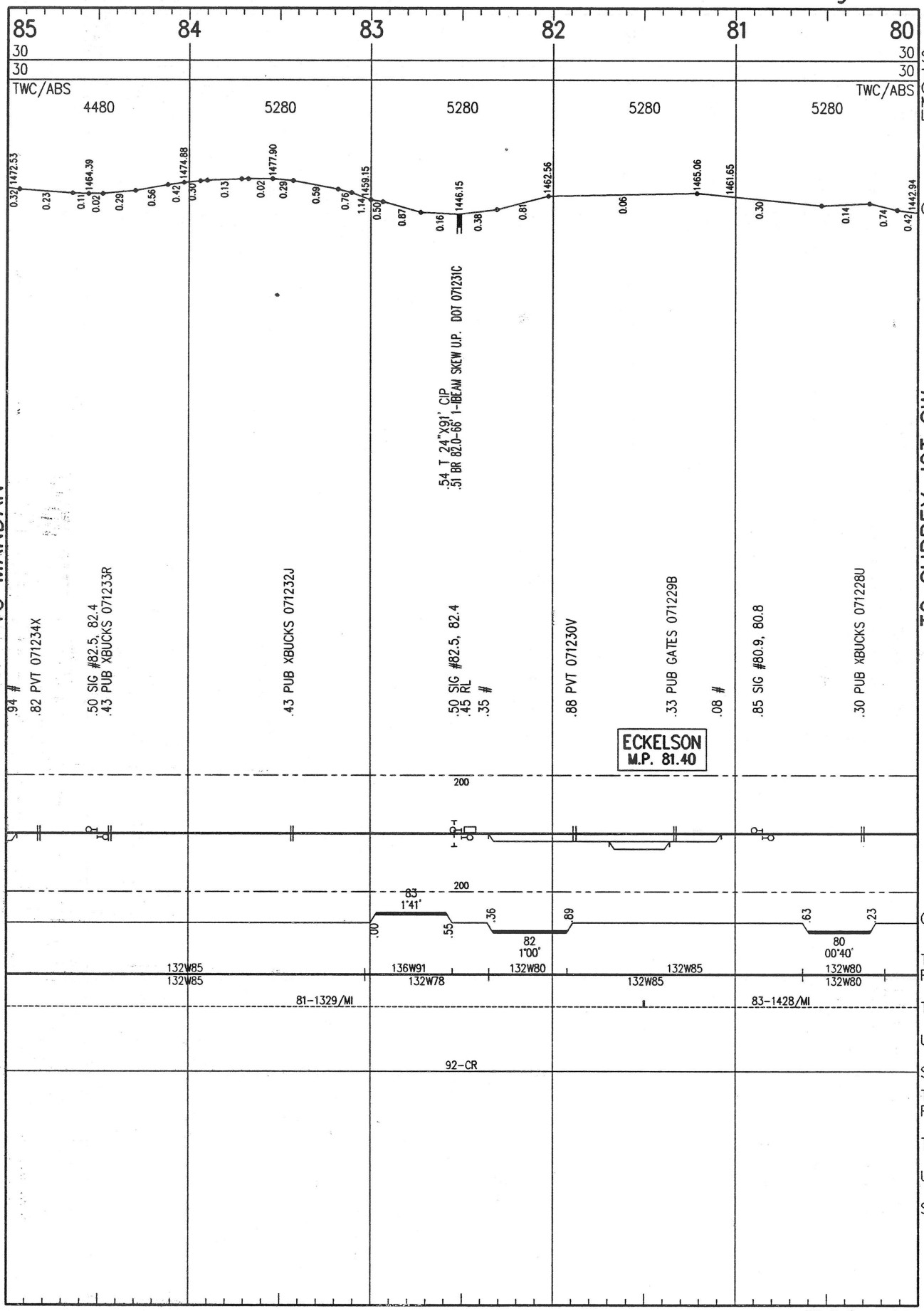
(STD-COMB) JULY 7,1993



(STD-COMB) JULY 7,1993



(STD-COMB) JULY 7,1993



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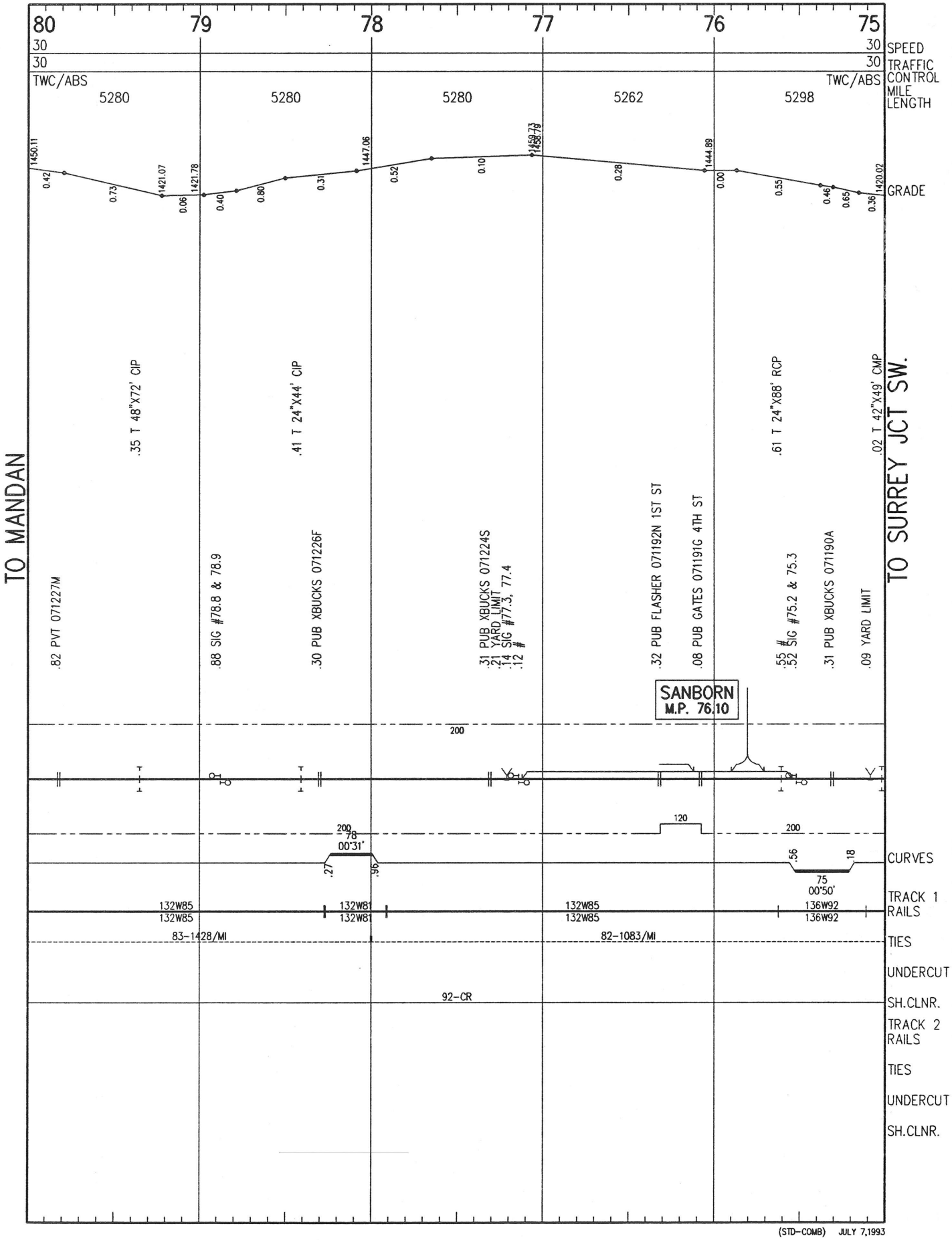

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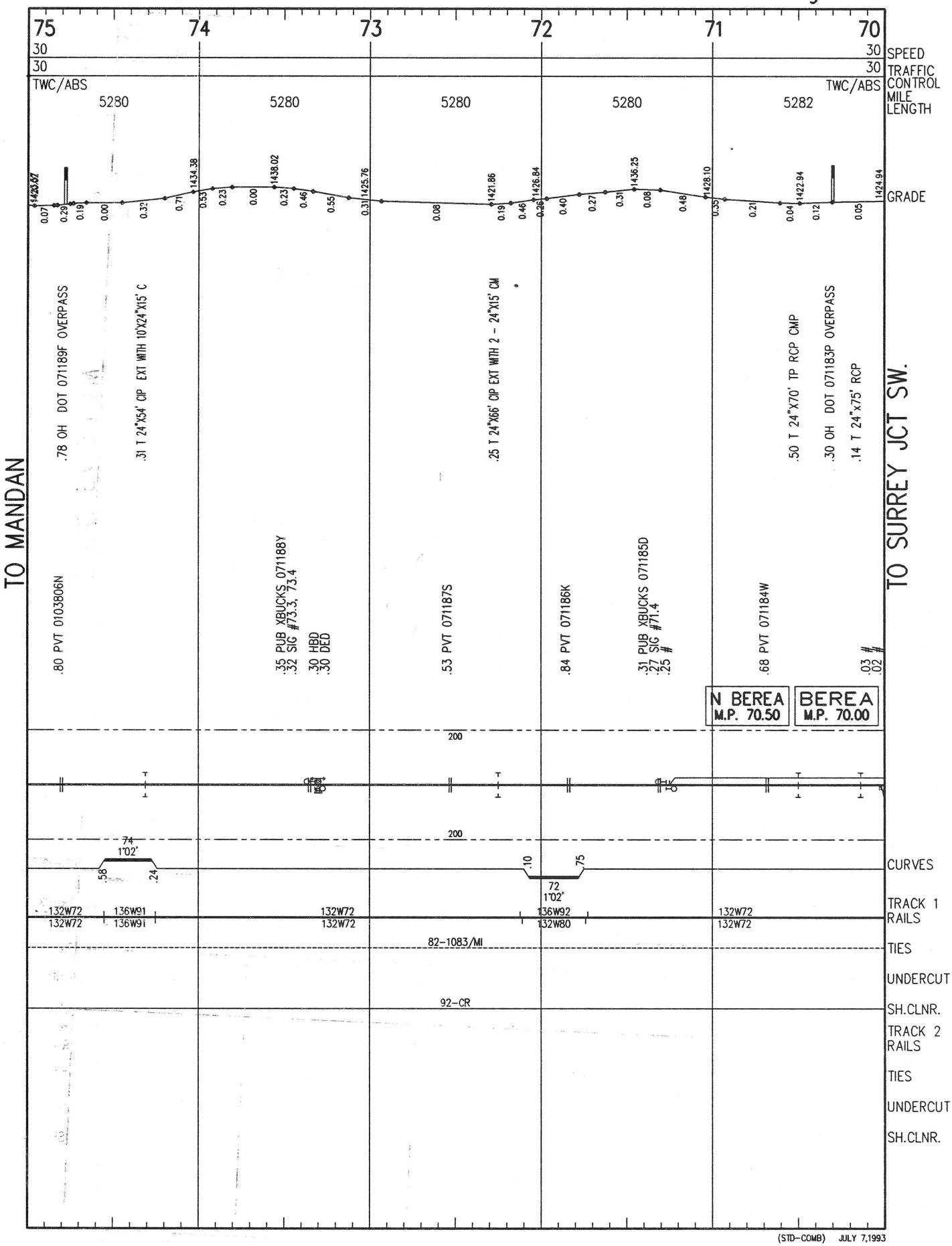

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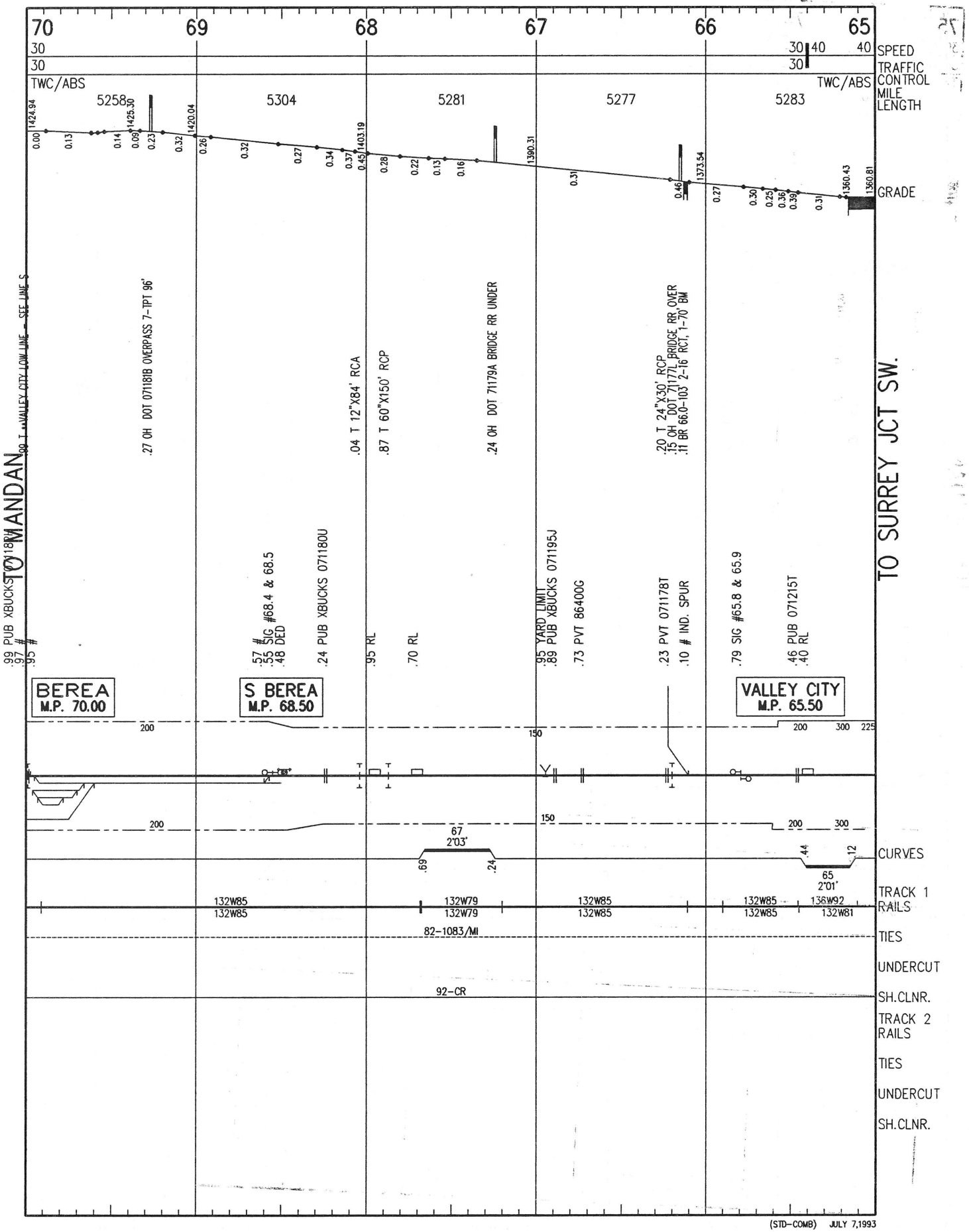
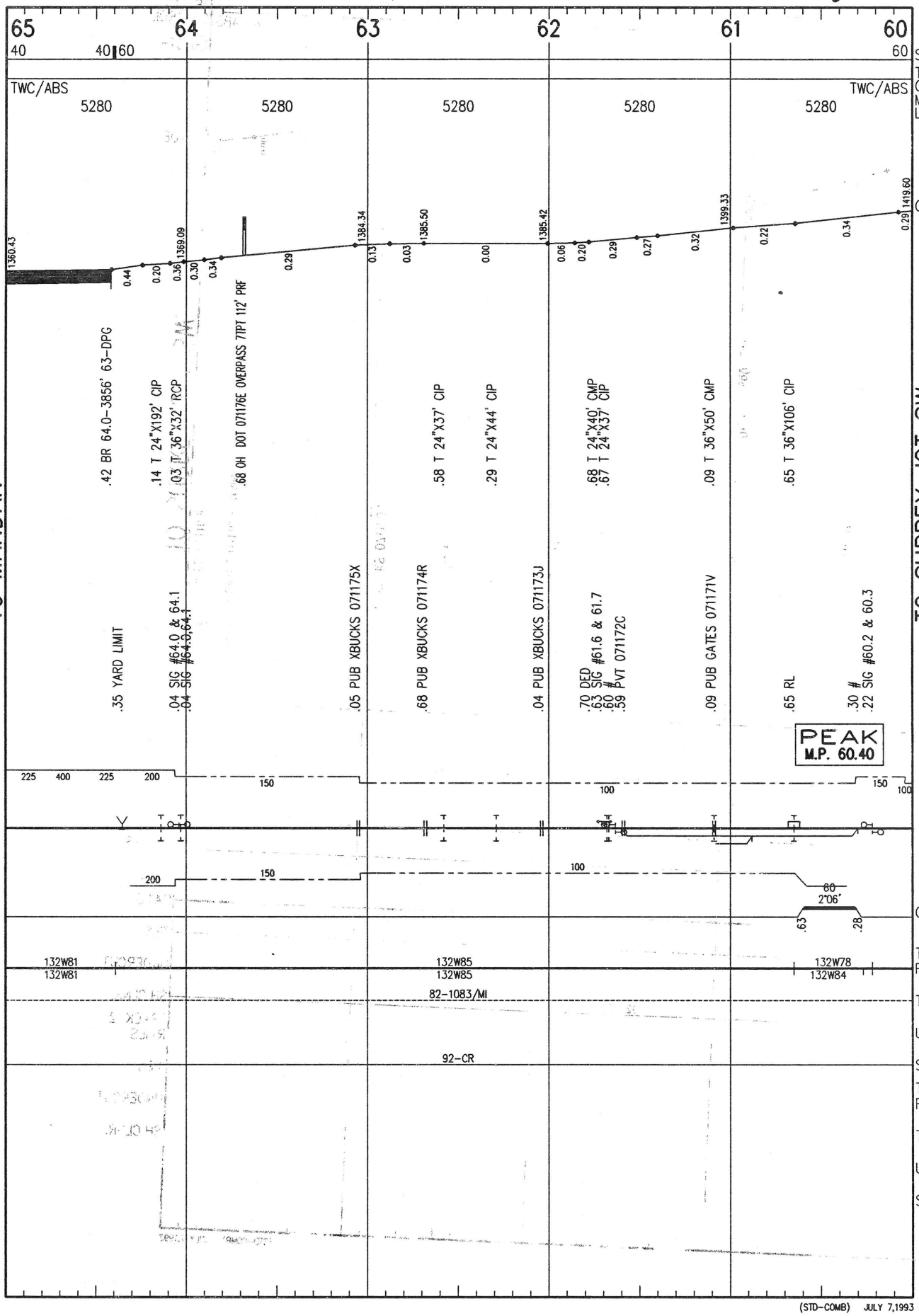

70
69
68
67
66
65
SPEED
TRAFFIC CONTROL
MILE LENGTH
GRADE
TWC/ABS
TWC/ABS
5258
5304
5281
5277
5283
1424.94
1425.30
1420.04
1403.19
1390.31
1373.54
1360.43
1360.81
TO MANDAN
TO SURREY JCT SW.
.99 PUB XBUCKS 071180U
.97 #
.95 #
.27 OH DOT 07118B OVERPASS 7-TPT 96'
.04 T 12"X84' RCA
.87 T 60"X150' RCP
.24 OH DOT 71179A BRIDGE RR UNDER
.20 T 24"X30' RCP
.15 OH DOT 71177L BRIDGE RR OVER
.11 BR 66.0-103 2-16' RCT, 1-70' BM
.57 # SIG #68.4 & 68.5
.55 DED
.48
.24 PUB XBUCKS 071180U
.95 RL
.70 RL
.95 YARD LIMIT
.89 PUB XBUCKS 071195J
.73 PVT 86400G
.23 PVT 071178T
.10 # IND. SPUR
.79 SIG #65.8 & 65.9
.46 PUB 071215T
.40 RL
BEREA
M.P. 70.00
S BEREA
M.P. 68.50
VALLEY CITY
M.P. 65.50
CURVES
67
2°03'
.69
.24
.44
.12
65
2°01'
TRACK 1 RAILS
132W85
132W85
132W79
132W79
132W85
132W85
132W85
132W85
136W92
132W81
82-1083/MI
TIES
UNDERCUT
92-CR
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
(STD-COMB) JULY 7,1993



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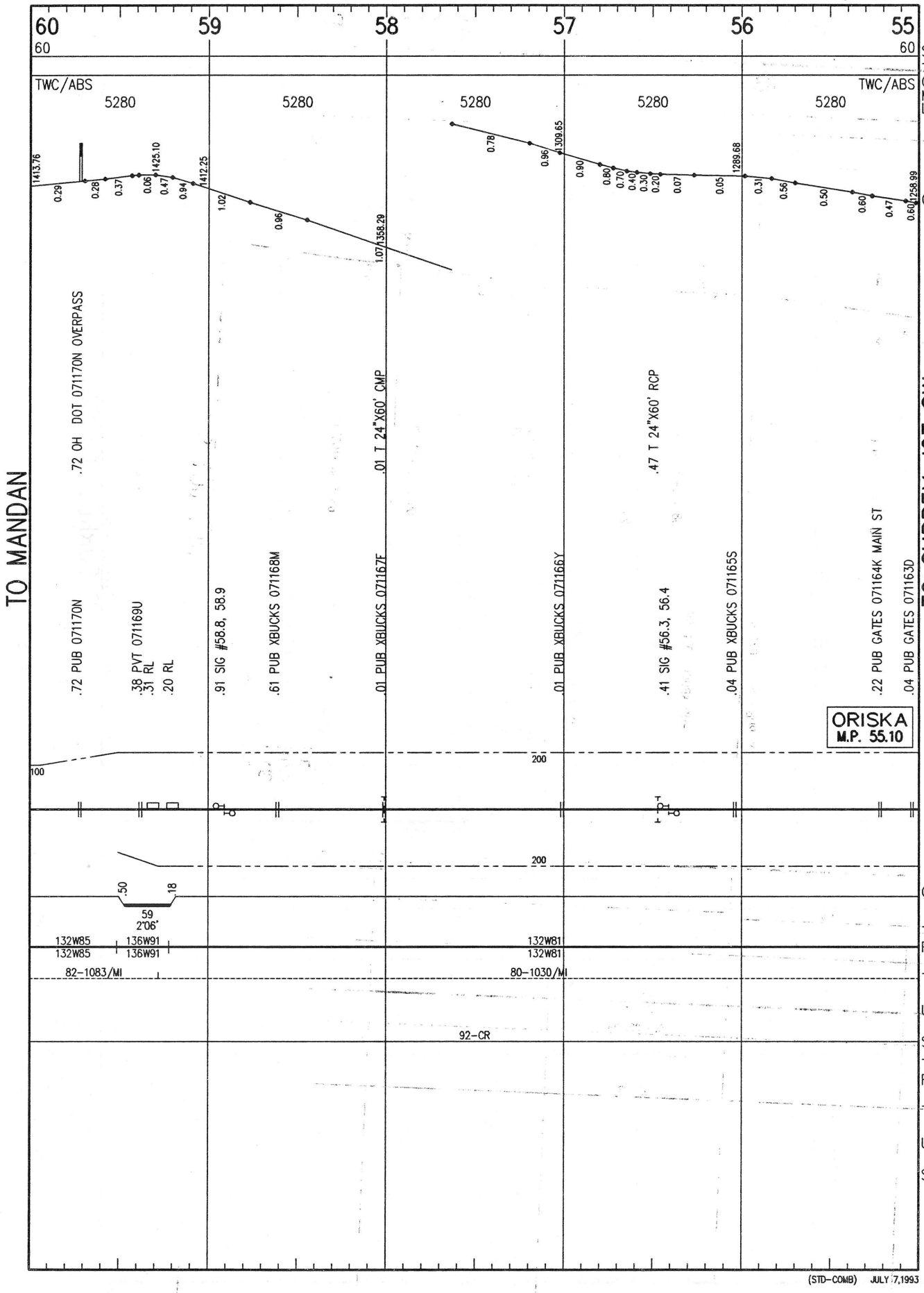

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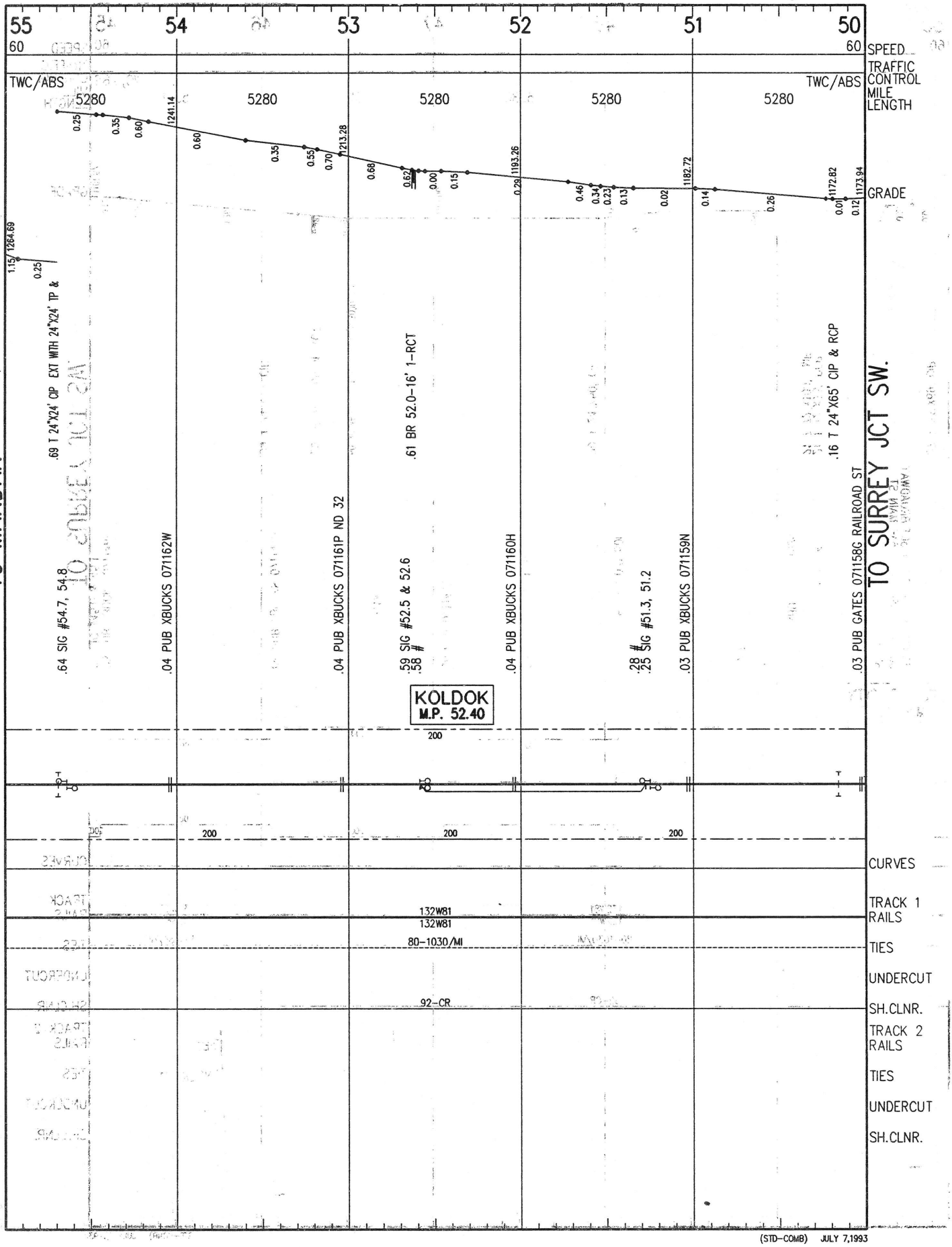

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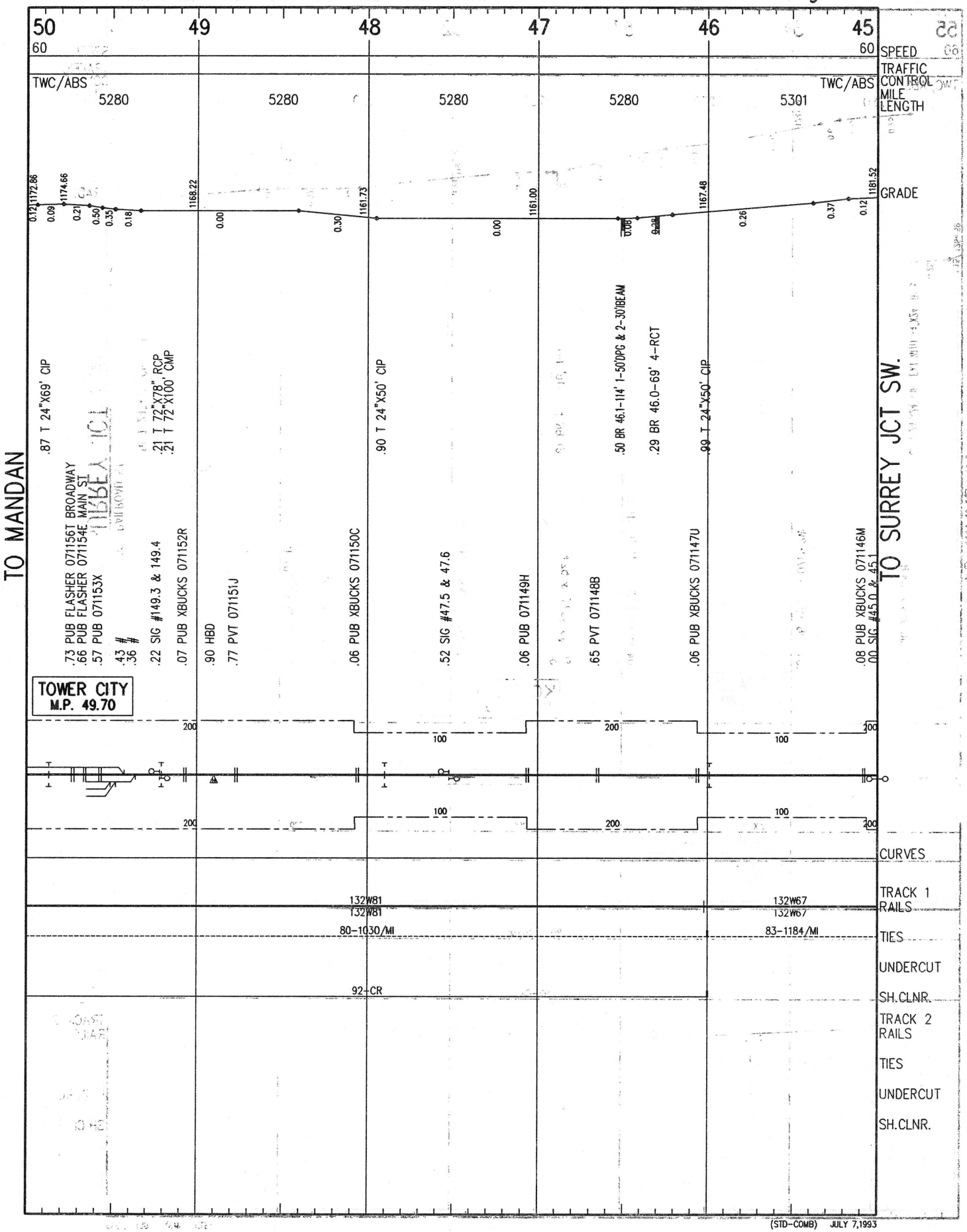
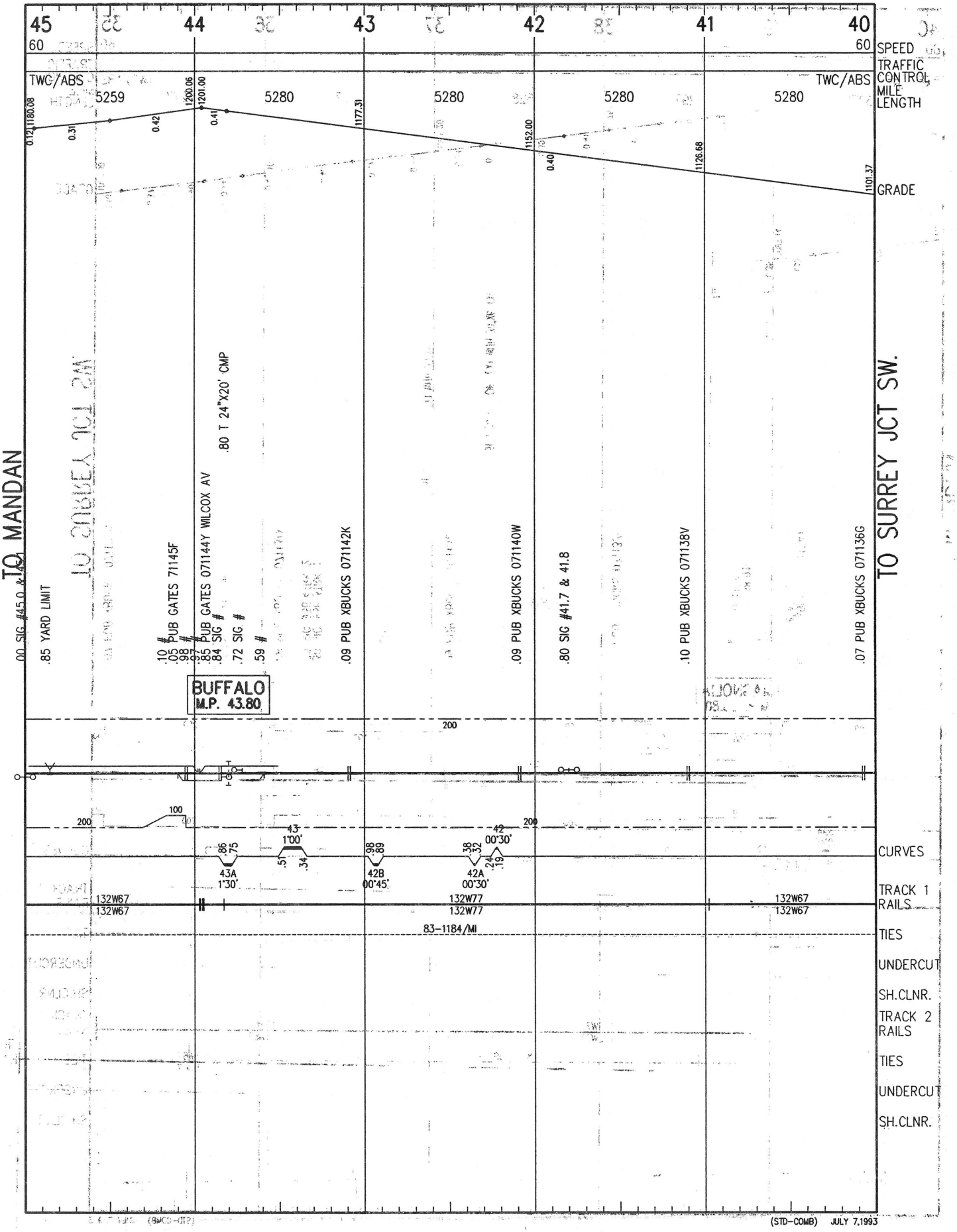
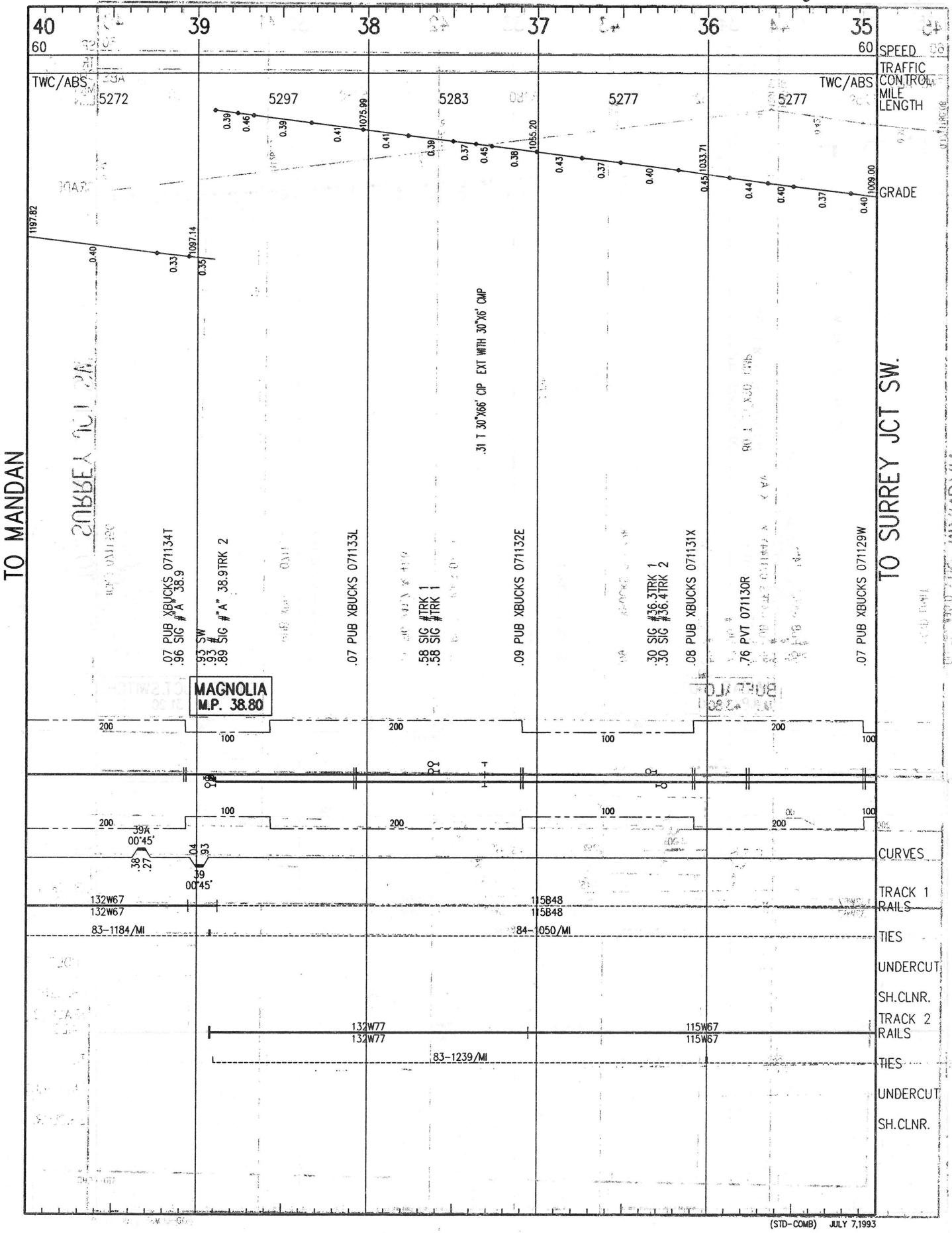
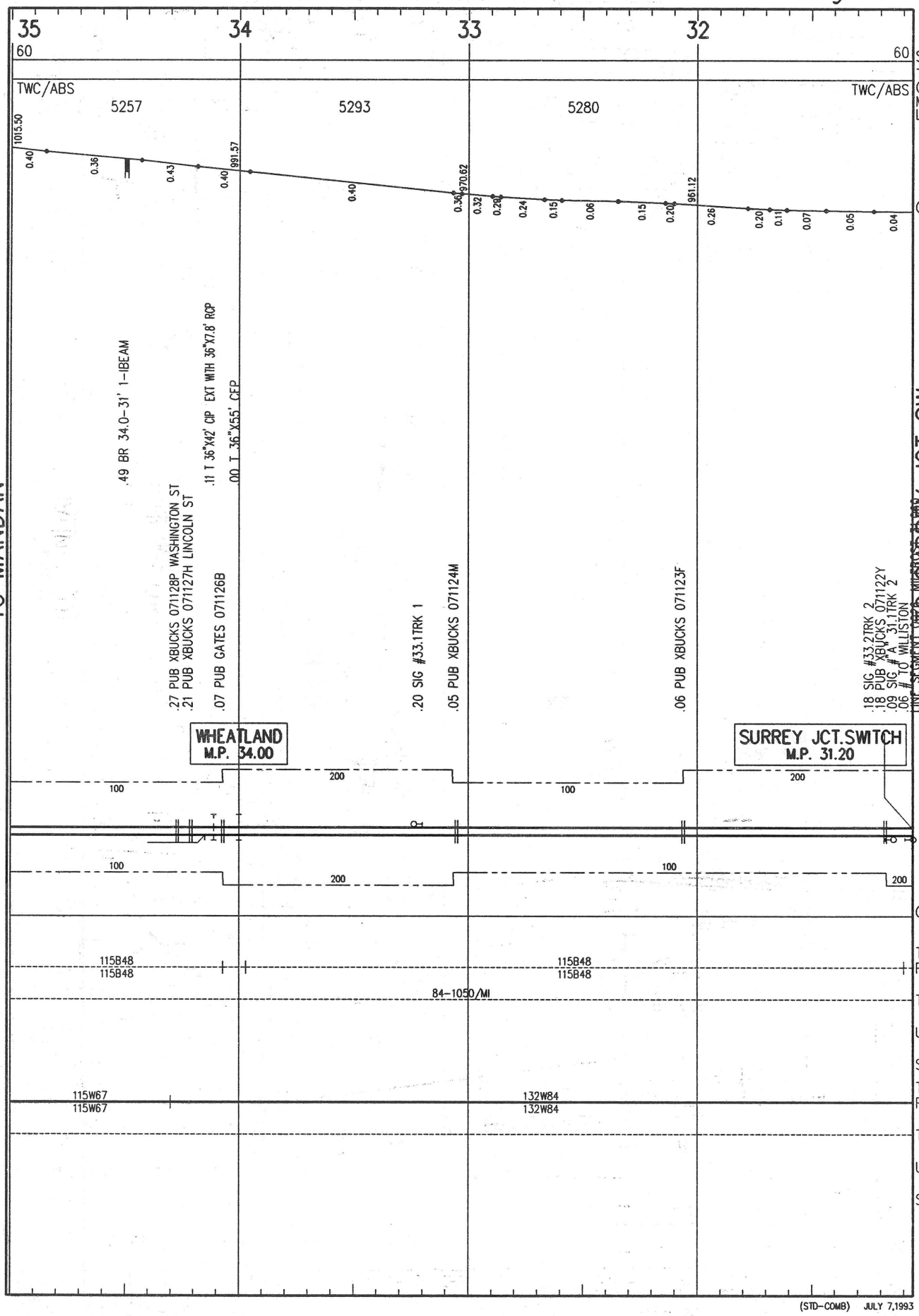

50
49
48
47
46
45
60
60
SPEED
TRAFFIC CONTROL
MILE LENGTH
GRADE
TWC/ABS
TWC/ABS
5280
5280
5280
5280
5301
TO MANDAN
TO SURREY JCT SW.
TOWER CITY
M.P. 49.70
.87 T 24"X69' CIP
.21 T 72"X78" RCP
.21 T 72"X100' CMP
.90 T 24"X50' CIP
.50 BR 46.1-114' 1-50'DPG & 2-30'BEAM
.29 BR 46.0-69' 4-RCT
.99 T 24"X50' CIP
.73 PUB FLASHER 071156T BROADWAY
.66 PUB FLASHER 071154E MAIN ST
.57 PUB 071153X
.43 #
.36 #
.22 SIG #149.3 & 149.4
.07 PUB XBUCKS 071152R
.90 HBD
.77 PVT 071151J
.06 PUB XBUCKS 071150C
.52 SIG #47.5 & 47.6
.06 PUB 071149H
.65 PVT 071148B
.06 PUB XBUCKS 071147U
.08 PUB XBUCKS 071146M
.00 SIG #45.0 & 45.1
CURVES
TRACK 1 RAILS
132W81
132W81
132W67
132W67
80-1030/MI
83-1184/MI
TIES
UNDERCUT
92-CR
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.


45
44
43
42
41
40
60
60
SPEED
TRAFFIC CONTROL
MILE LENGTH
TWC/ABS
TWC/ABS
5259
5280
5280
5280
5280
1180.08
1200.06
1201.00
1177.31
1152.00
1126.68
1101.37
0.12
0.31
0.42
0.41
0.40
GRADE
TO MANDAN
TO SURREY JCT SW.
.00 SIG #45.0 & 44.2
.85 YARD LIMIT
.10 # PUB GATES 71145F
.05 #
.98 #
.97 #
.85 PUB GATES 071144Y WILCOX AV
.84 SIG #
.80 T 24"X20' CMP
.72 SIG #
.59 #
.09 PUB XBUCKS 071142K
.09 PUB XBUCKS 071140W
.80 SIG #41.7 & 41.8
.10 PUB XBUCKS 071138V
.07 PUB XBUCKS 071136G
BUFFALO
M.P. 43.80
200
100
200
200
43
1°00'
42
00°30'
.86
.75
.51
.34
.98
.89
.38
.32
.24
.19
43A
1°30'
42B
00°45'
42A
00°30'
CURVES
TRACK 1 RAILS
132W67
132W67
132W77
132W77
132W67
132W67
83-1184/MI
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
(STD-COMB) JULY 7,1993

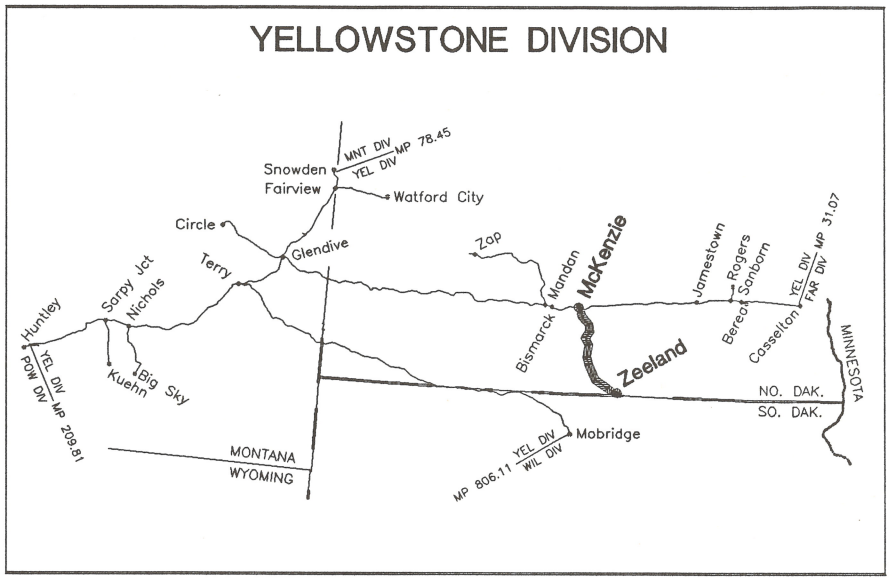


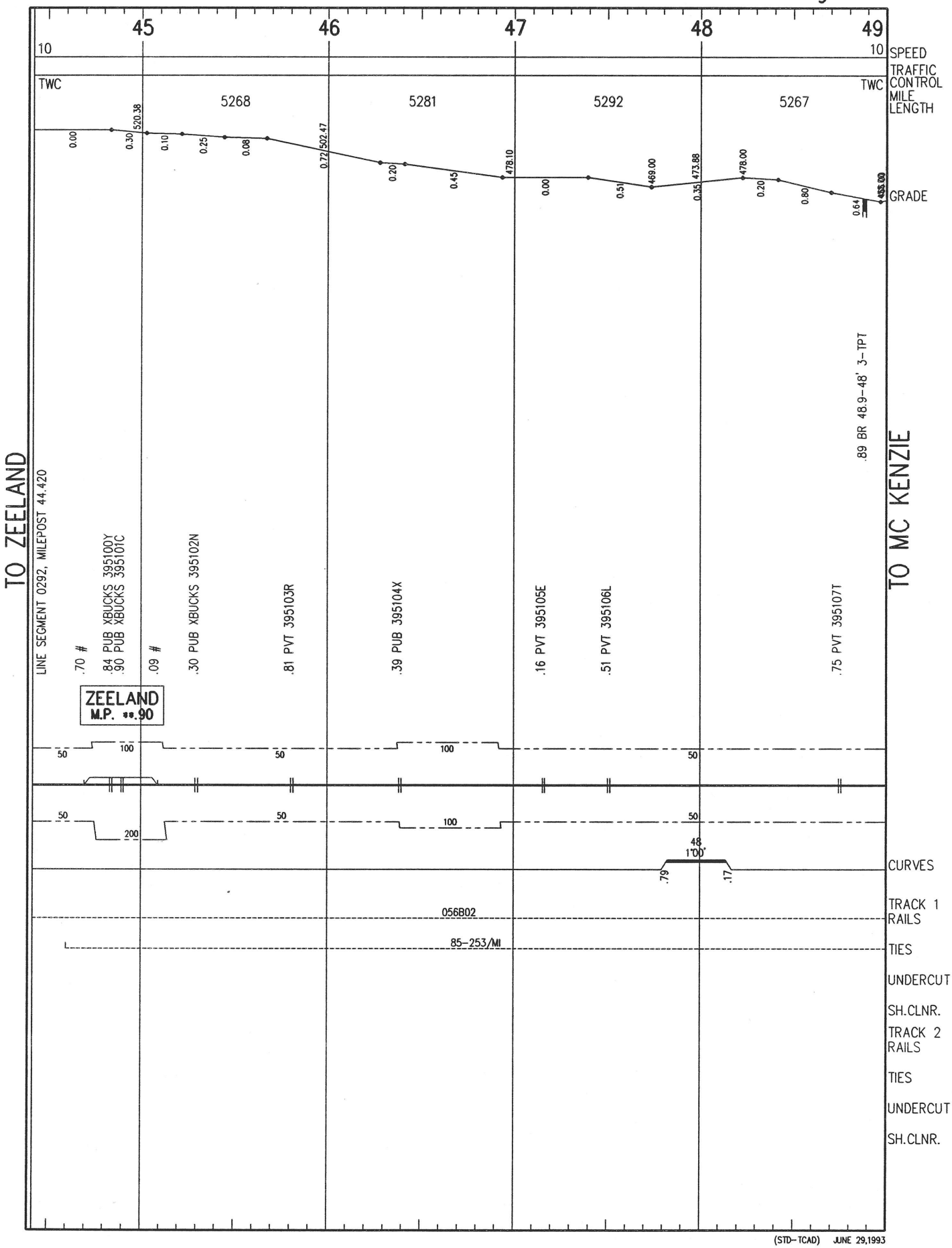
(STD-COMB) JULY 7,1993


35
34
33
32
60
60
SPEED
TRAFFIC CONTROL
MILE LENGTH
TWC/ABS
TWC/ABS
5257
5293
5280
1015.50
991.57
970.62
961.12
GRADE
TO MANDAN
TO SURREY JCT SW.
.49 BR 34.0-31' 1-IBEAM
.11 T 36"X42" CIP EXT WITH 36"X7.8' RCP
.00 T 36"X55' CEP
.27 PUB XBUCKS 071128P WASHINGTON ST
.21 PUB XBUCKS 071127H LINCOLN ST
.07 PUB GATES 071126B
.20 SIG #33.1TRK 1
.05 PUB XBUCKS 071124M
.06 PUB XBUCKS 071123F
.18 SIG #33.2TRK 2
.18 PUB XBUCKS 071122Y
.09 SIG "A" 31.1TRK 2
.06 # TO WILLISTON
WHEATLAND
M.P. 34.00
SURREY JCT.SWITCH
M.P. 31.20
100
200
CURVES
115B48
115B48
TRACK 1 RAILS
84-1050/MI
TIES
UNDERCUT
SH.CLNR.
115W67
115W67
132W84
TRACK 2 RAILS
(STD-COMB) JULY 7,1993

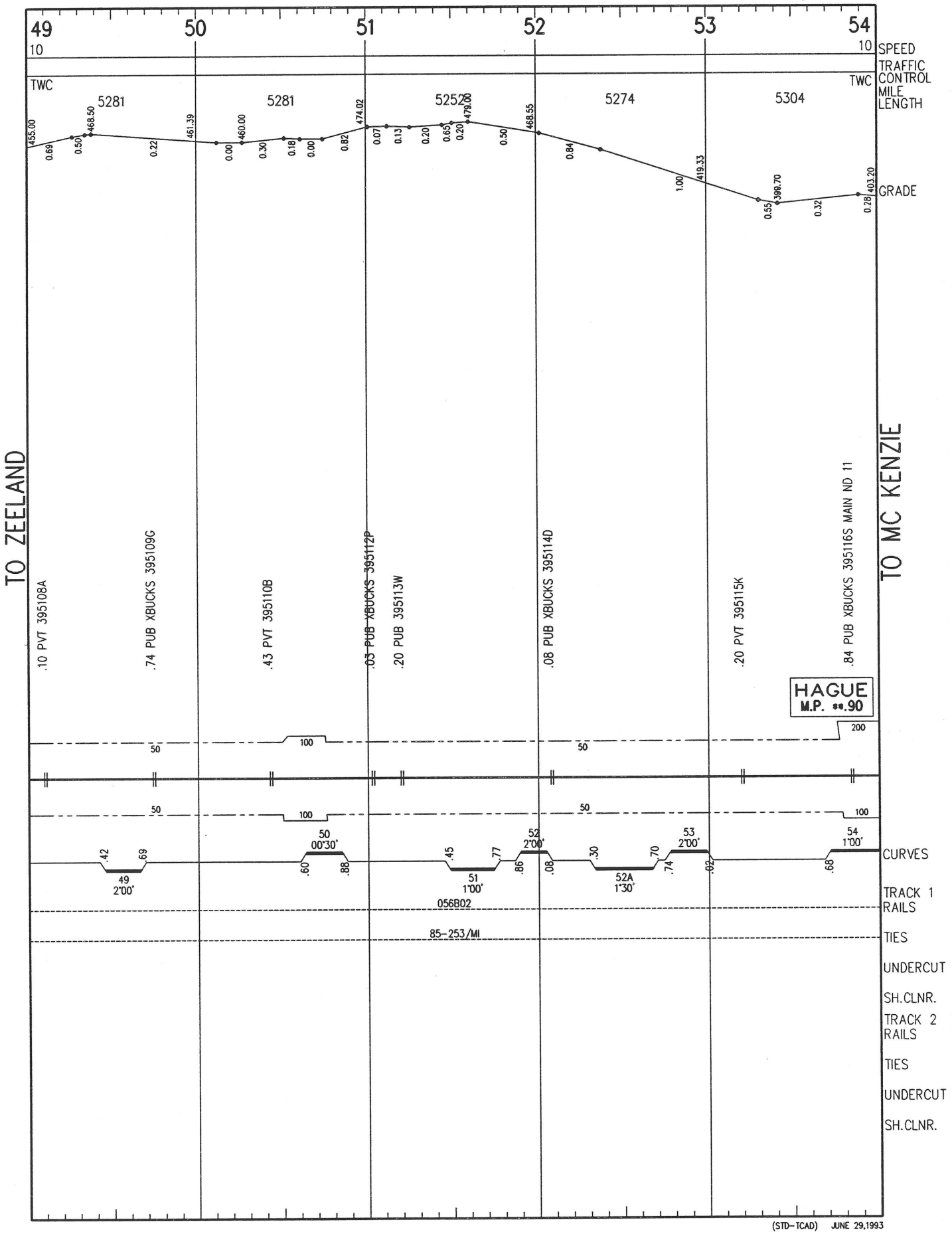
BURLINGTON NORTHERN
YELLOWSTONE DIVISION

LINTON SUBDIVISION

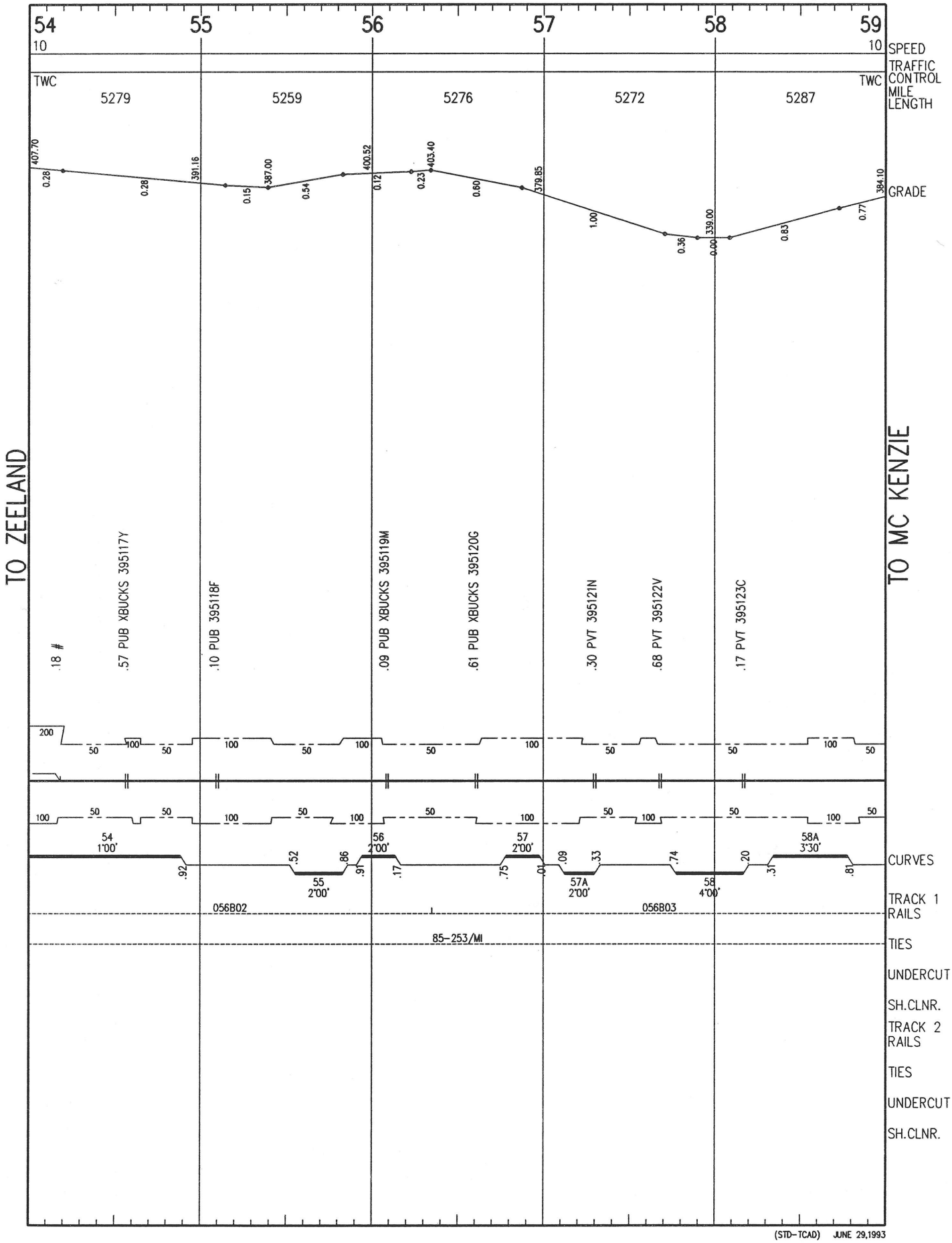




(STD-TCAD) JUNE 29,1993



(STD-TCAD) JUNE 29,1993



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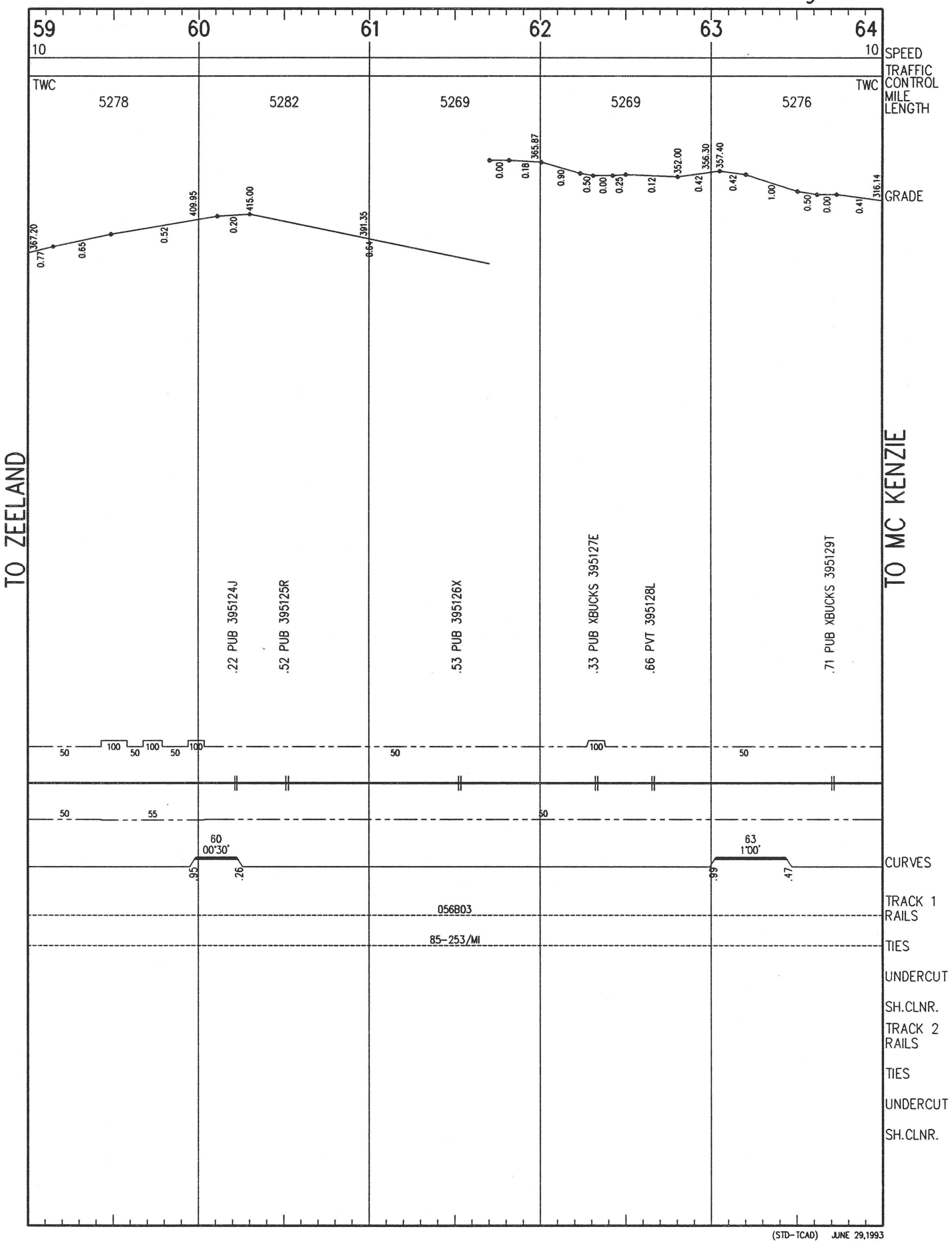

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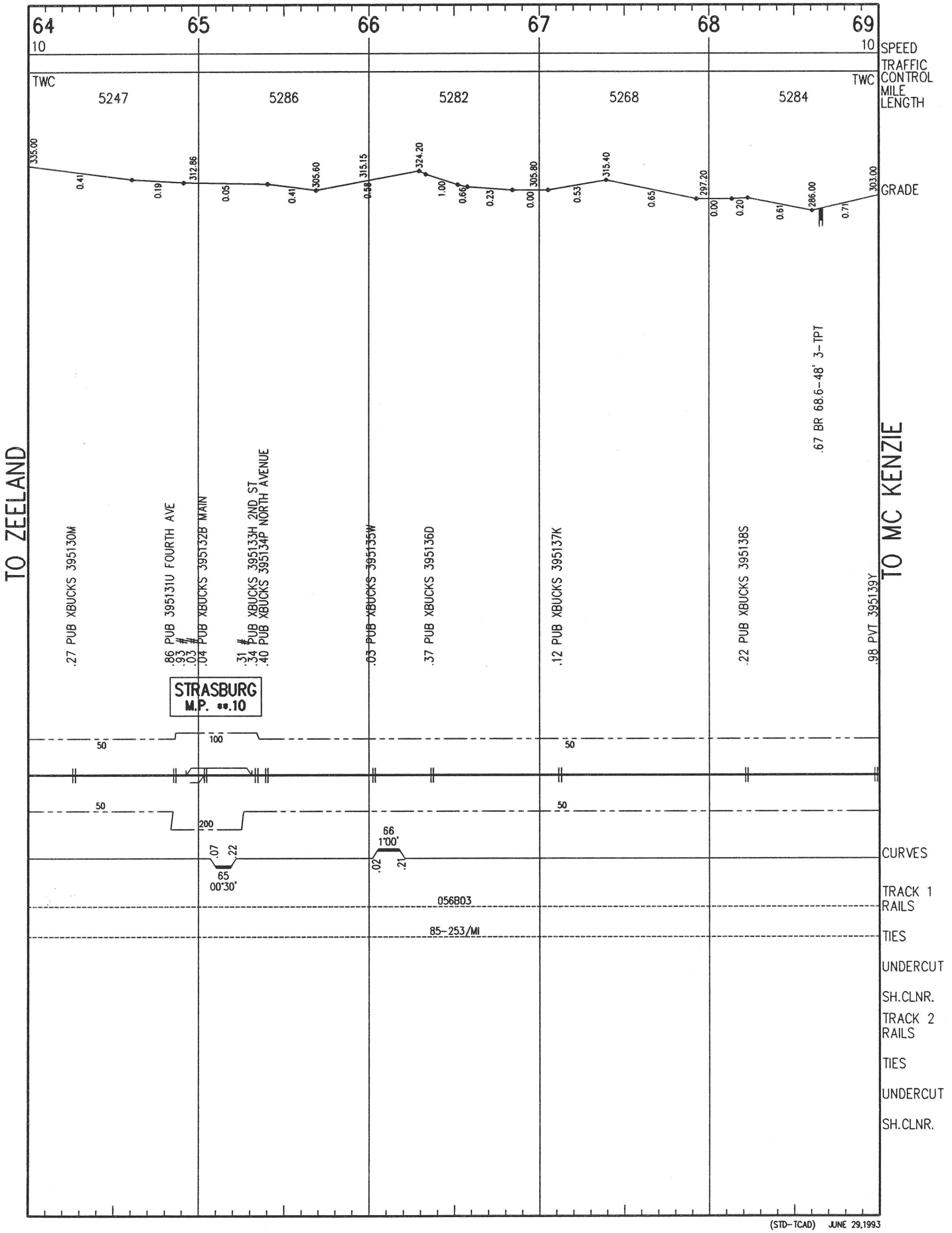

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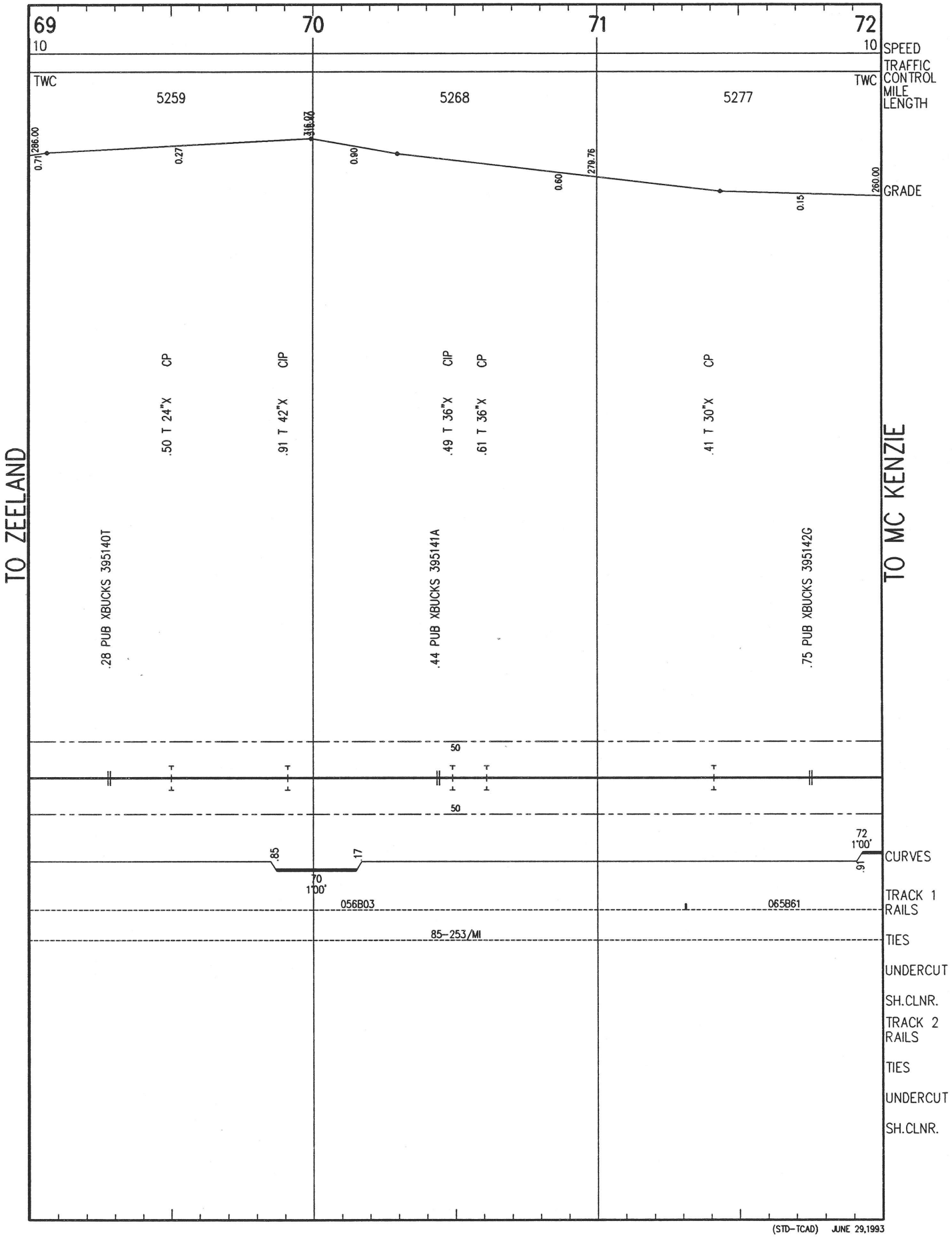

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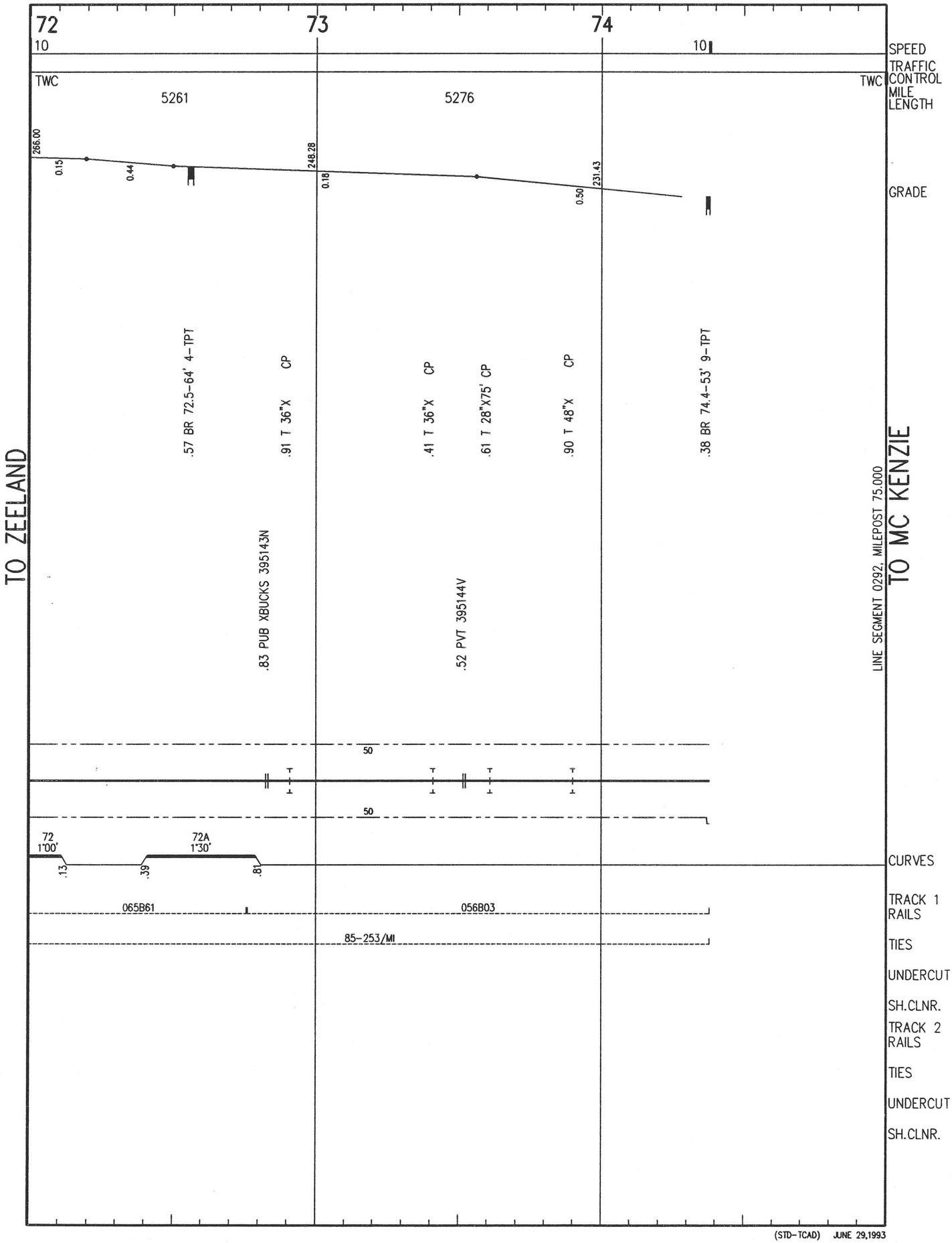

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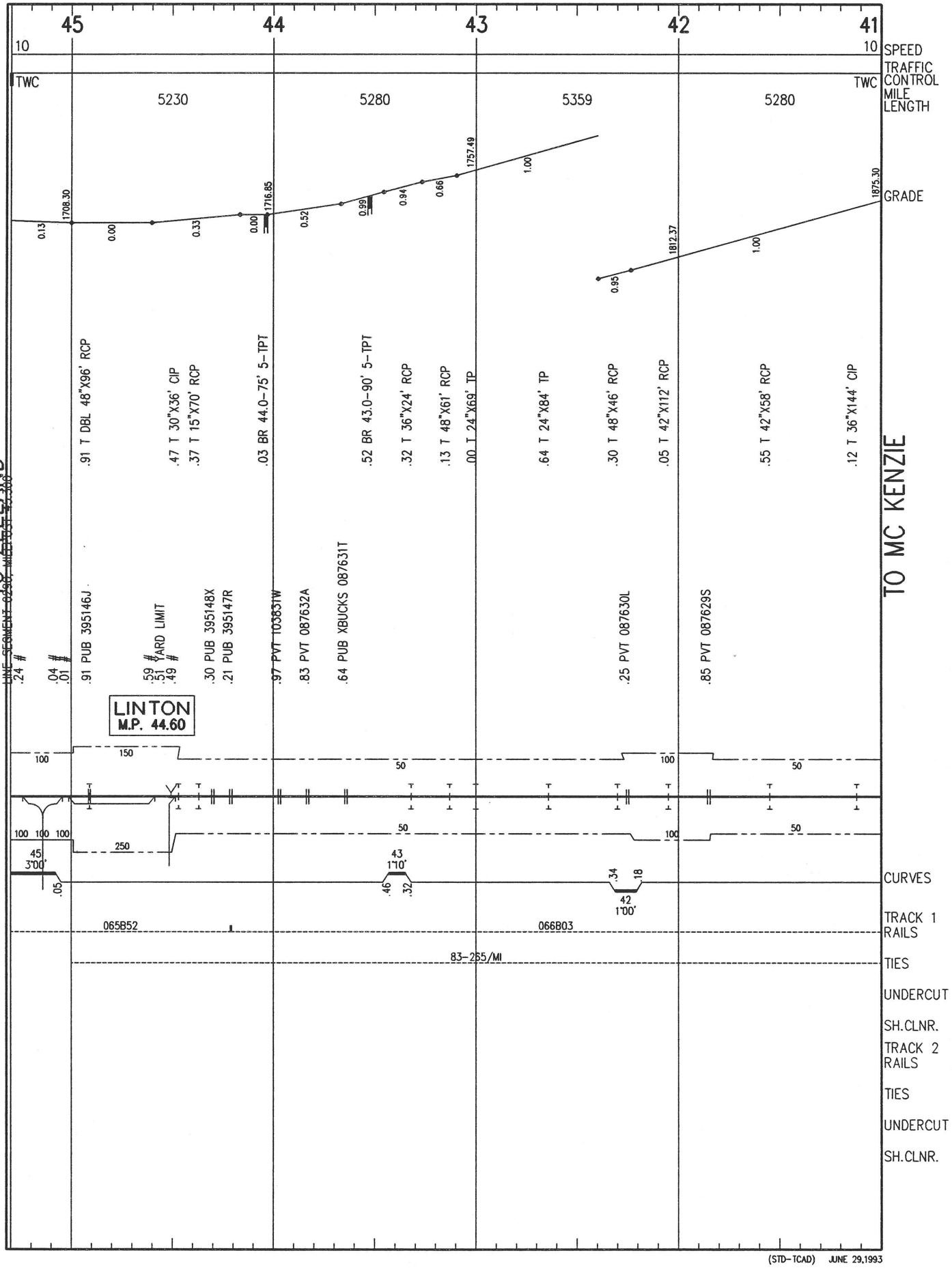

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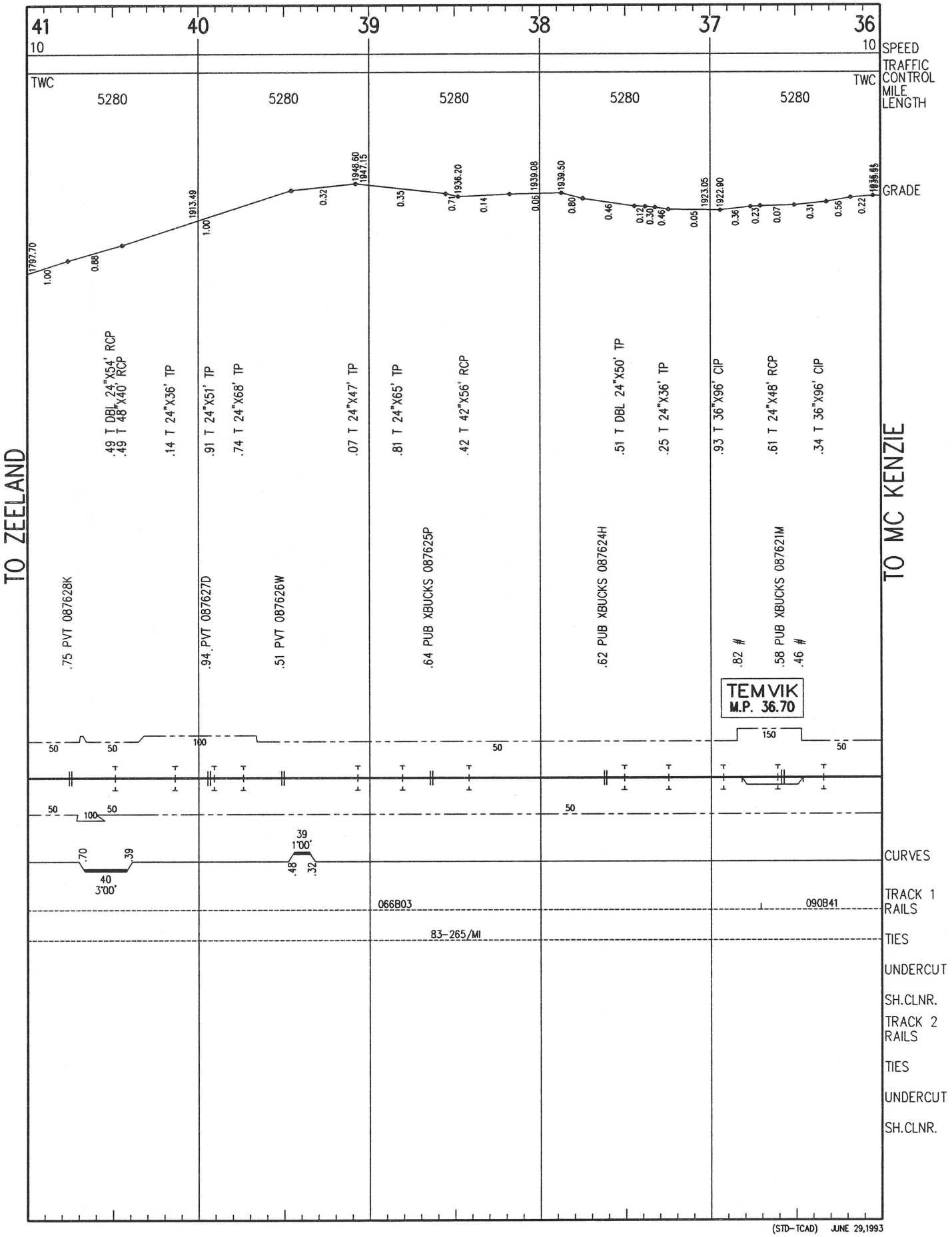

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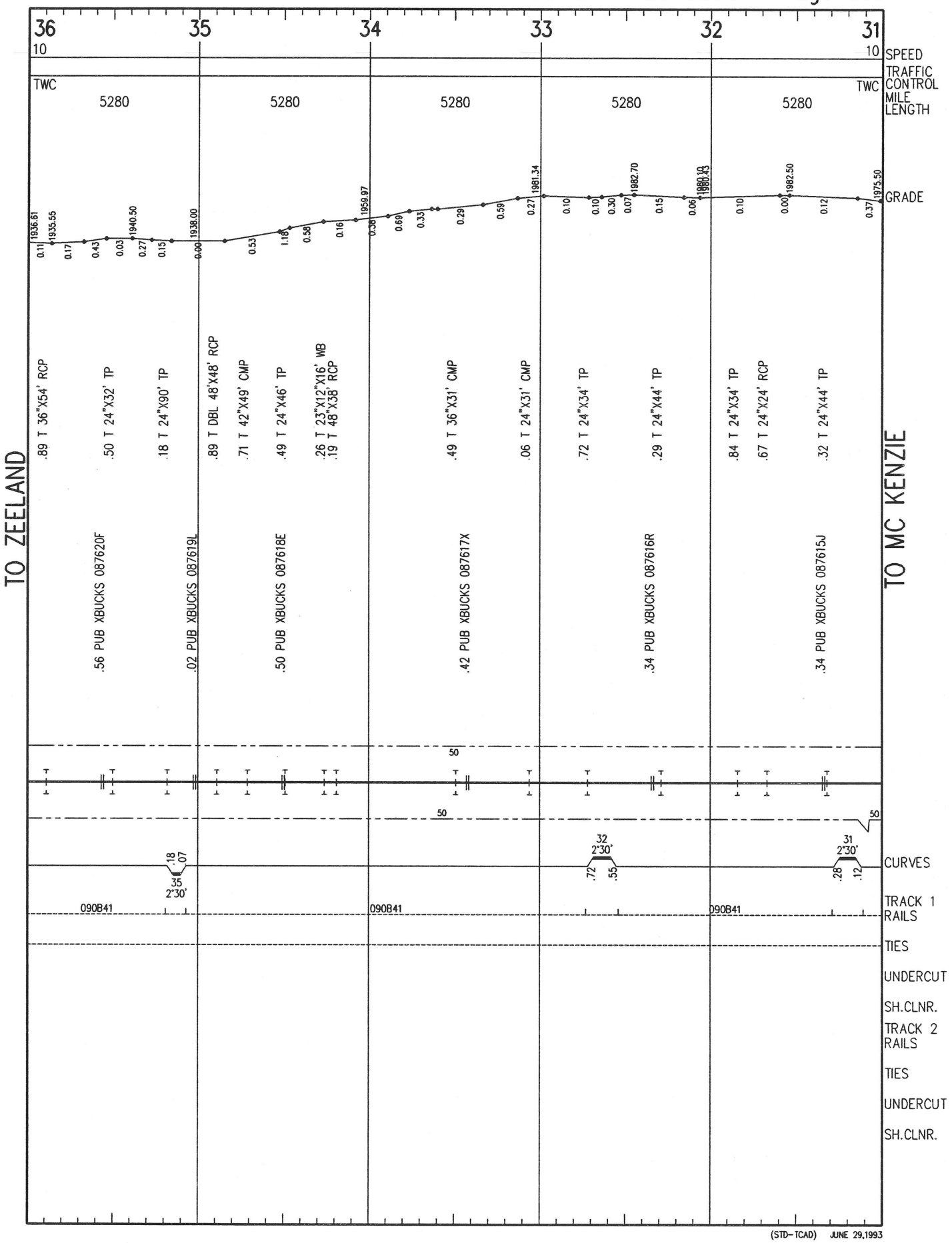

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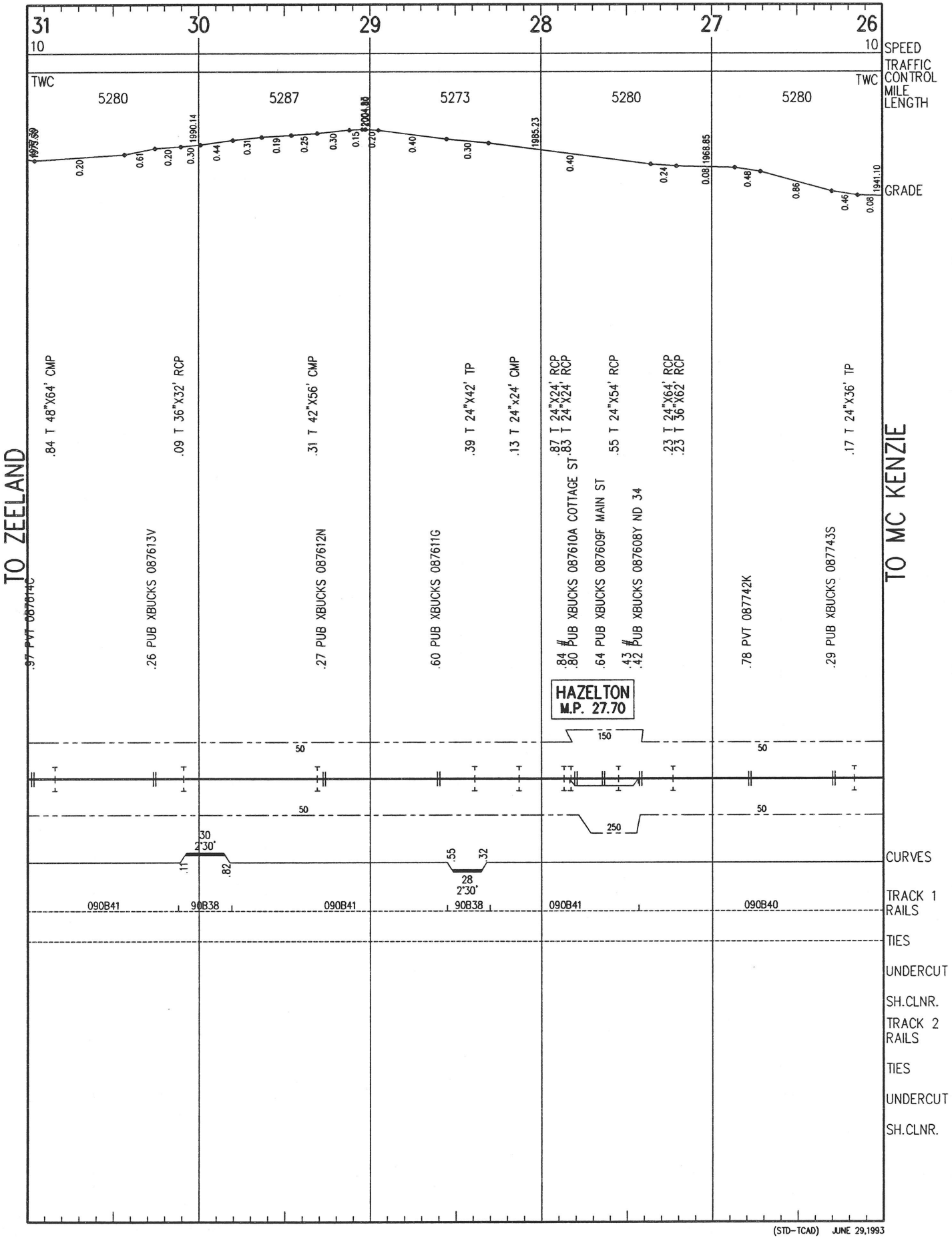

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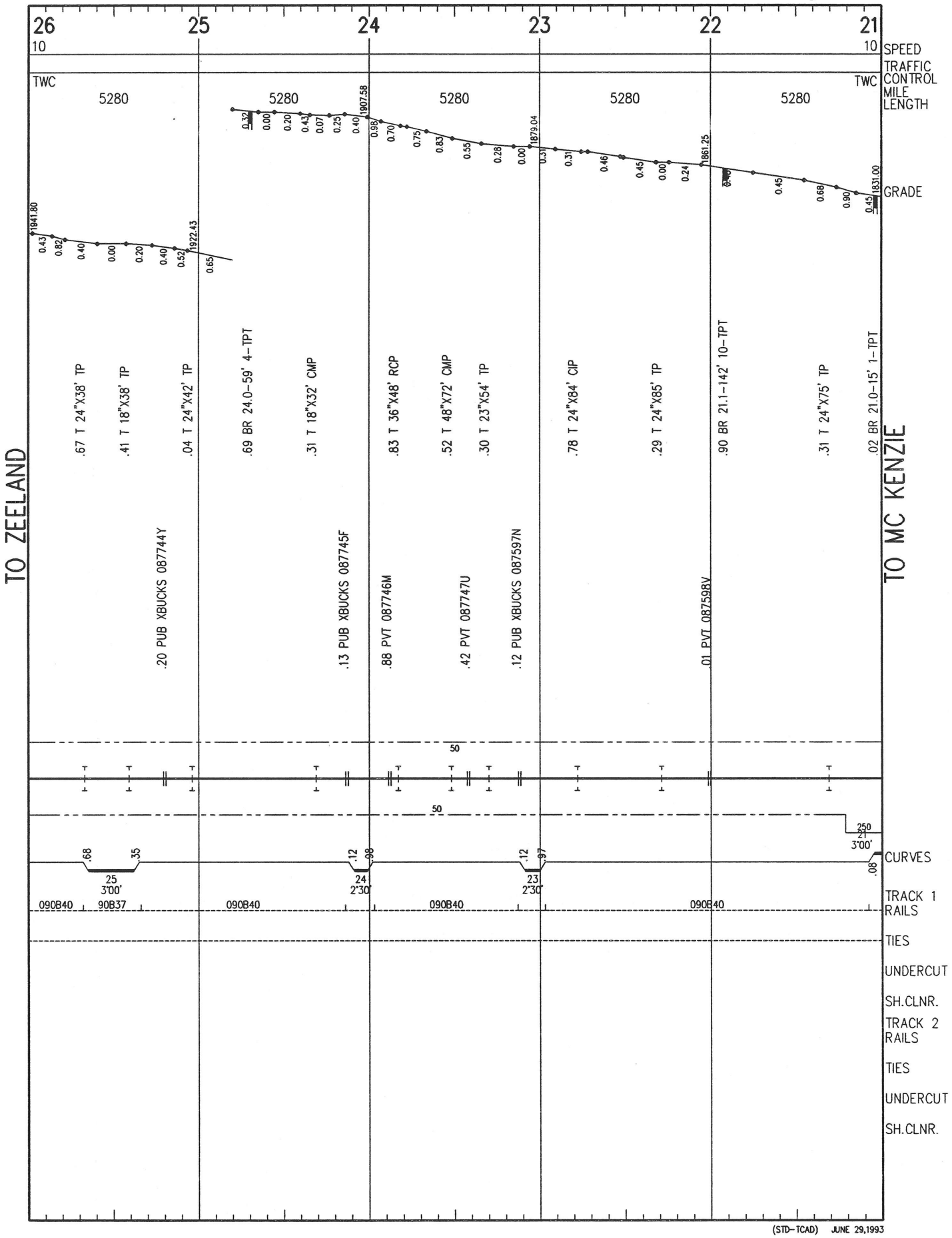

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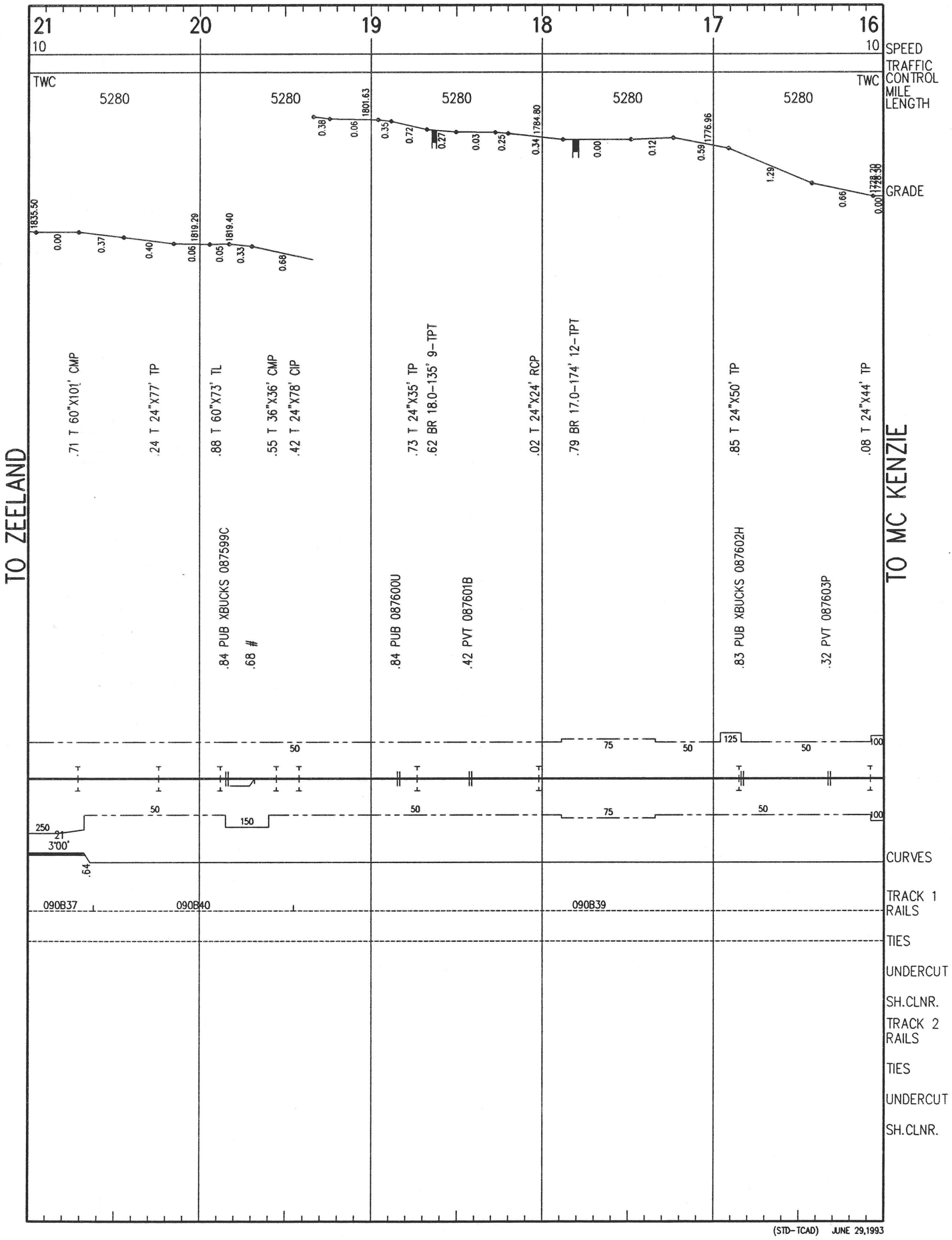
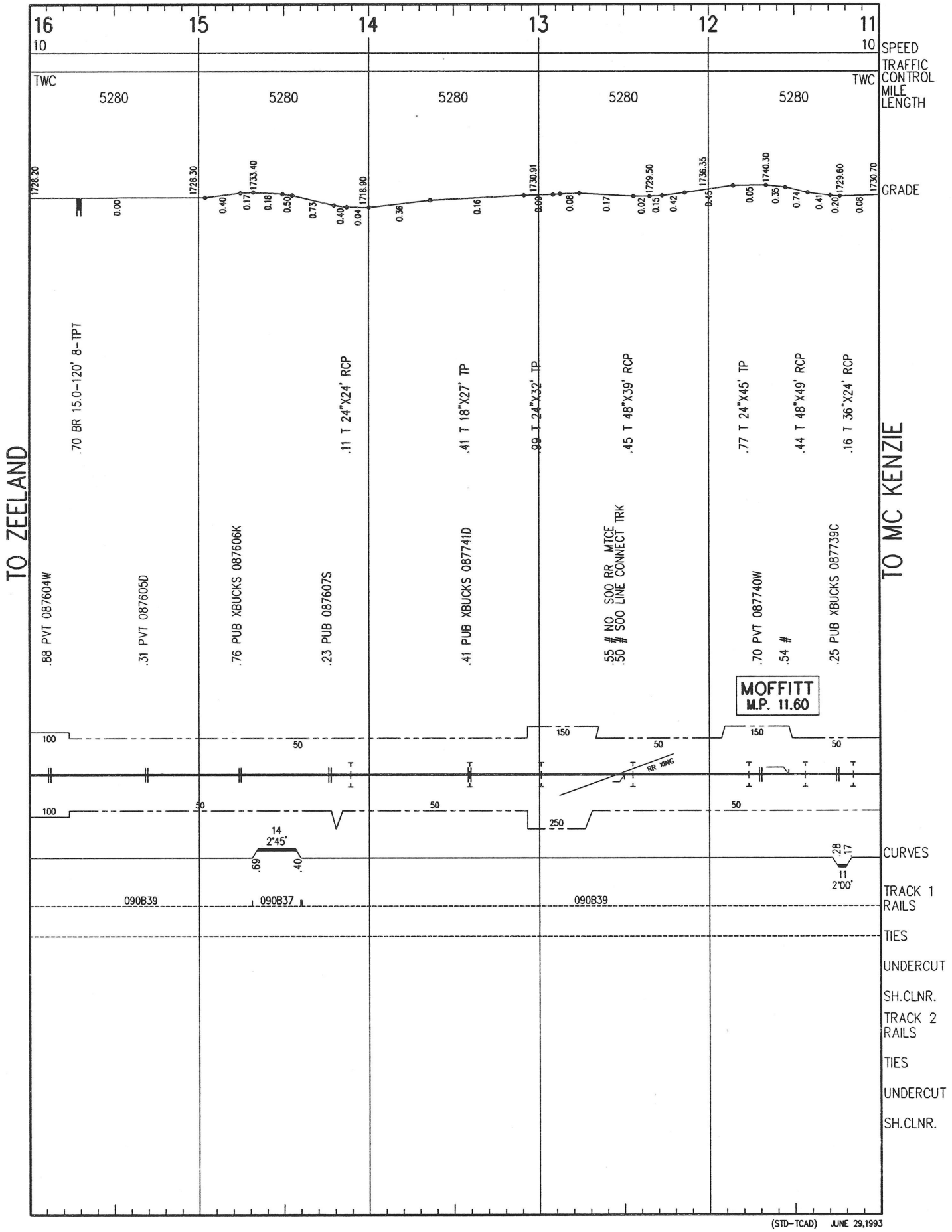

21
20
19
18
17
16
10
10
SPEED
TRAFFIC CONTROL
MILE LENGTH
GRADE
CURVES
TRACK 1 RAILS
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
TWC
TWC
5280
5280
5280
5280
5280
1835.50
1819.29
1819.40
1801.63
1784.80
1776.96
1728.38
0.00
0.37
0.40
0.06
0.05
0.33
0.68
0.38
0.06
0.35
0.72
0.27
0.03
0.25
0.34
0.00
0.12
0.59
1.29
0.66
0.00
TO ZEELAND
TO MC KENZIE
.71 T 60"X101' CMP
.24 T 24"X77' TP
.88 T 60"X73' TL
.55 T 36"X36' CMP
.42 T 24"X78' CIP
.73 T 24"X35' TP
.62 BR 18.0-135' 9-TPT
.02 T 24"X24' RCP
.79 BR 17.0-174' 12-TPT
.85 T 24"X50' TP
.08 T 24"X44' TP
.84 PUB XBUCKS 087599C
.68 #
.84 PUB 087600U
.42 PVT 087601B
.83 PUB XBUCKS 087602H
.32 PVT 087603P
50
50
75
50
125
50
100
250
21
3°00'
.64
50
150
50
75
50
100
090B37
090B40
090B39



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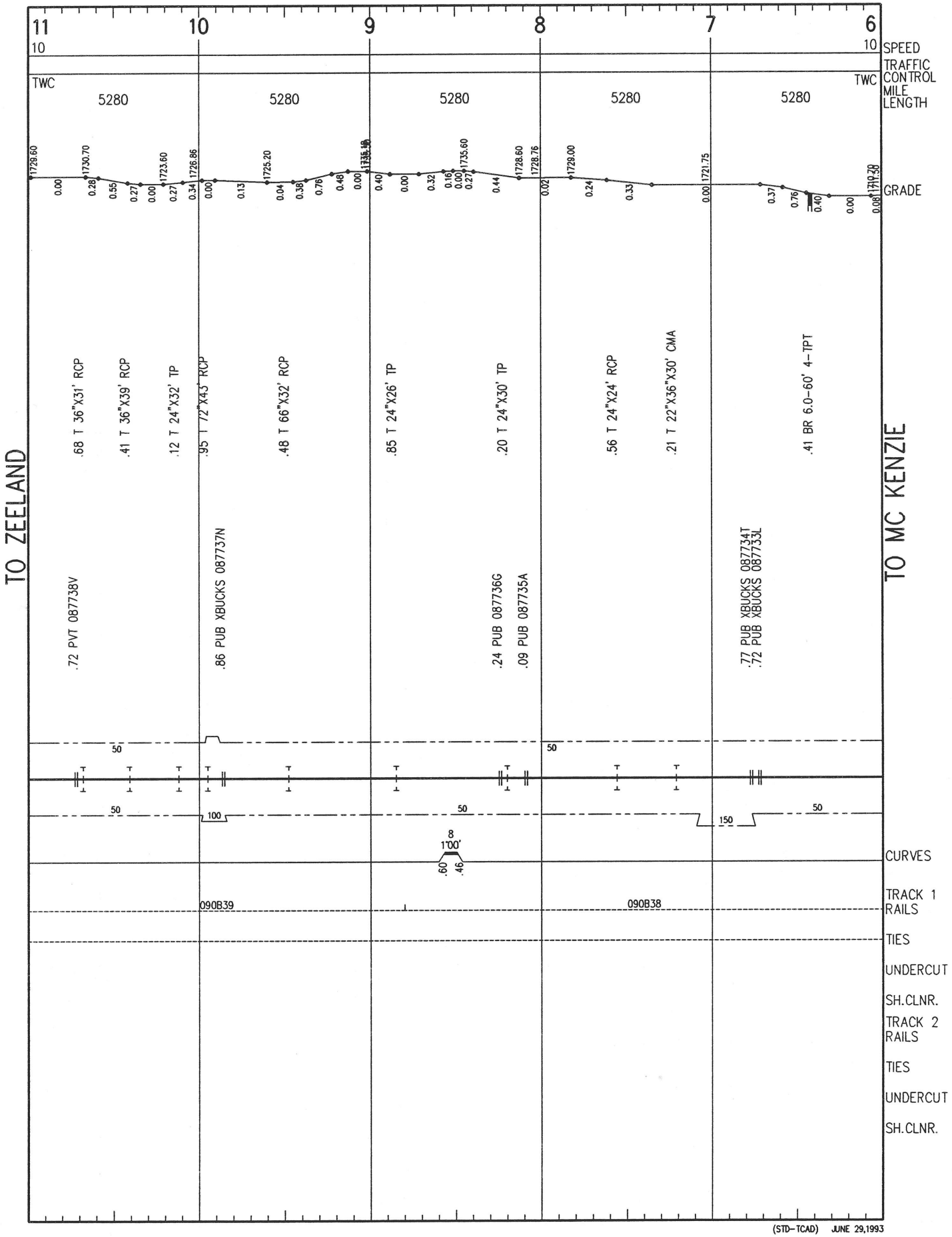

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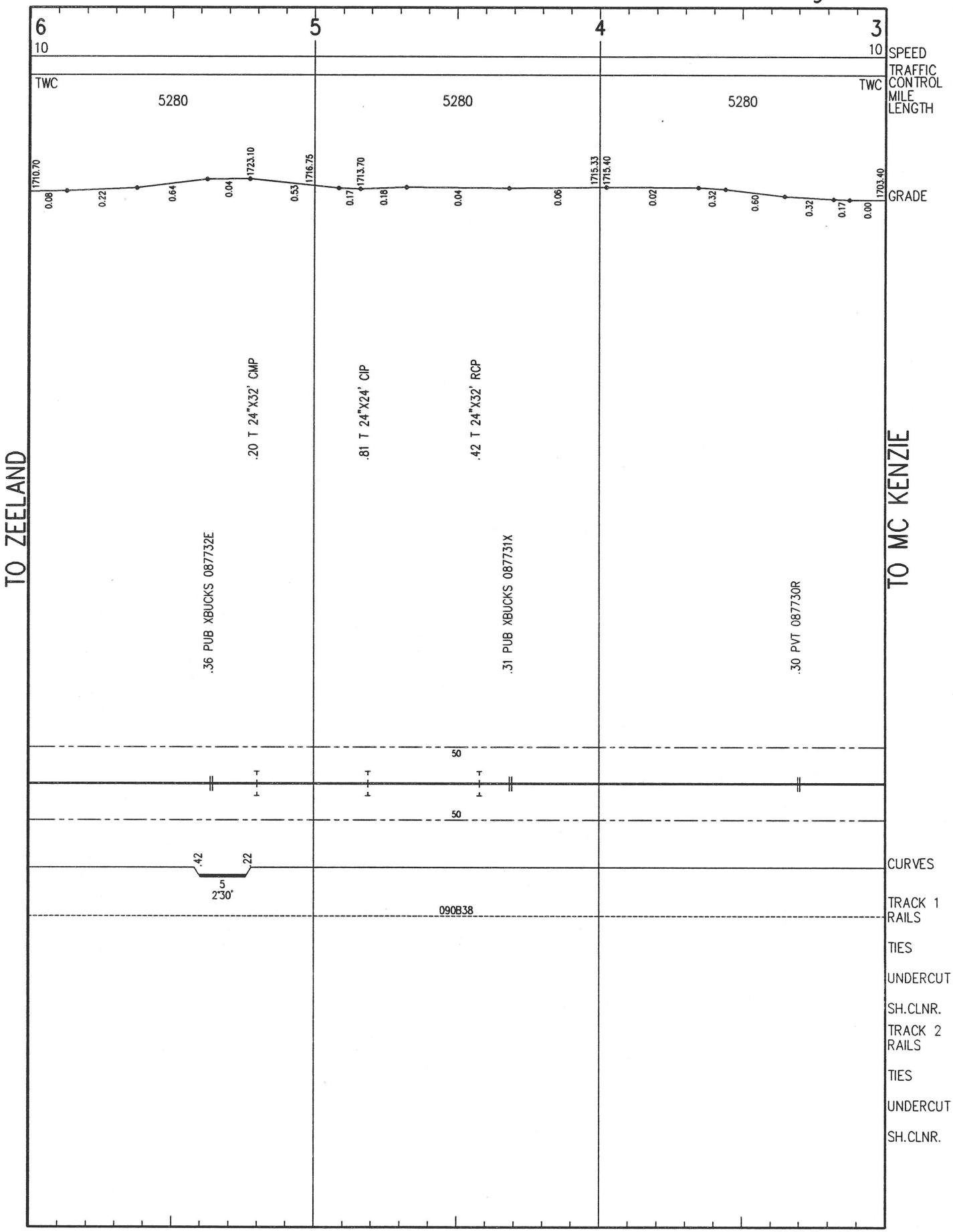
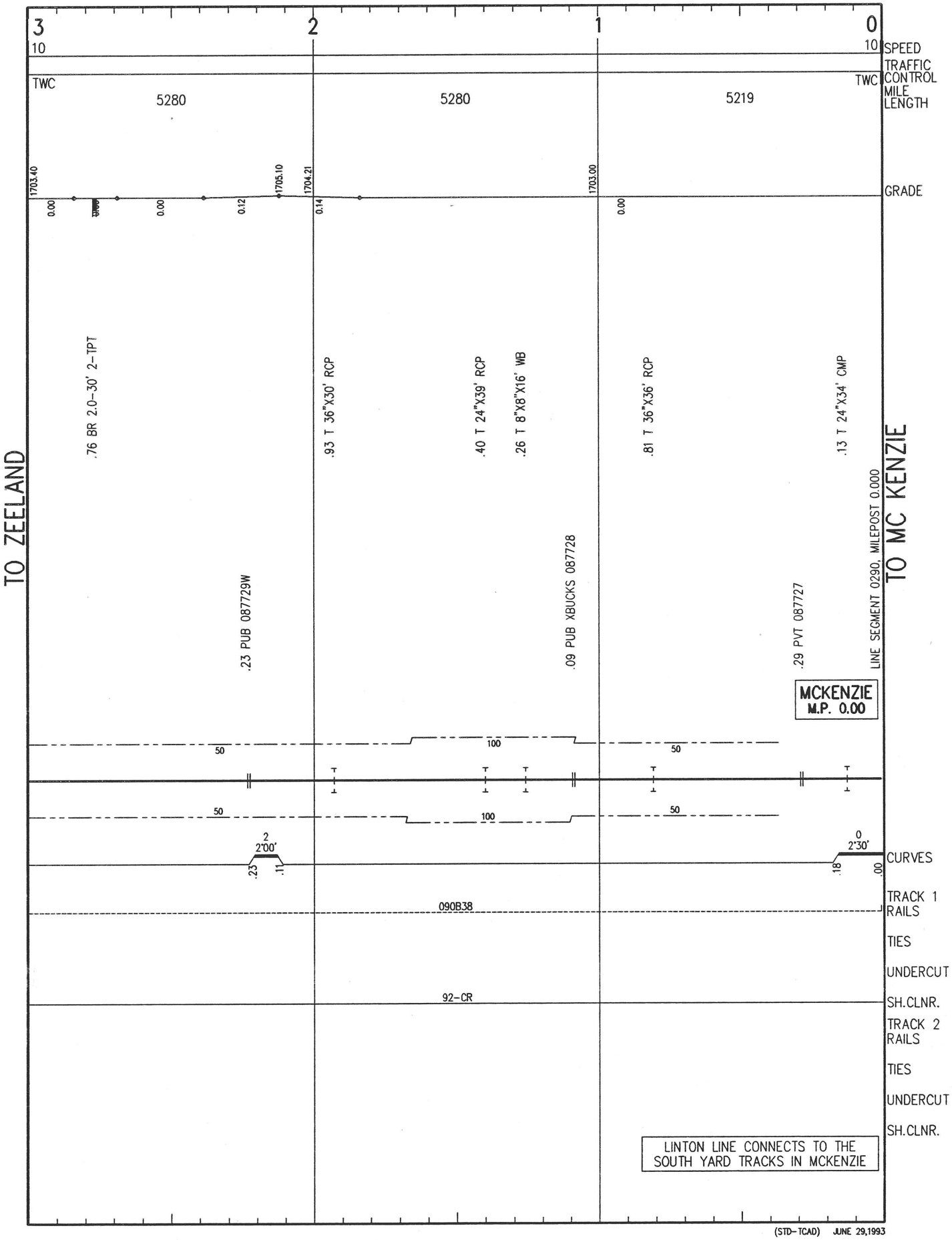
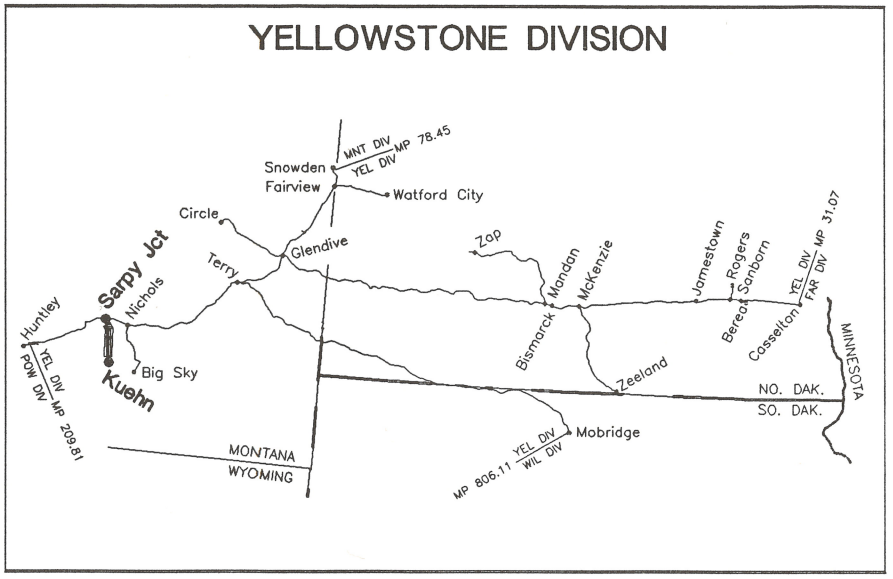


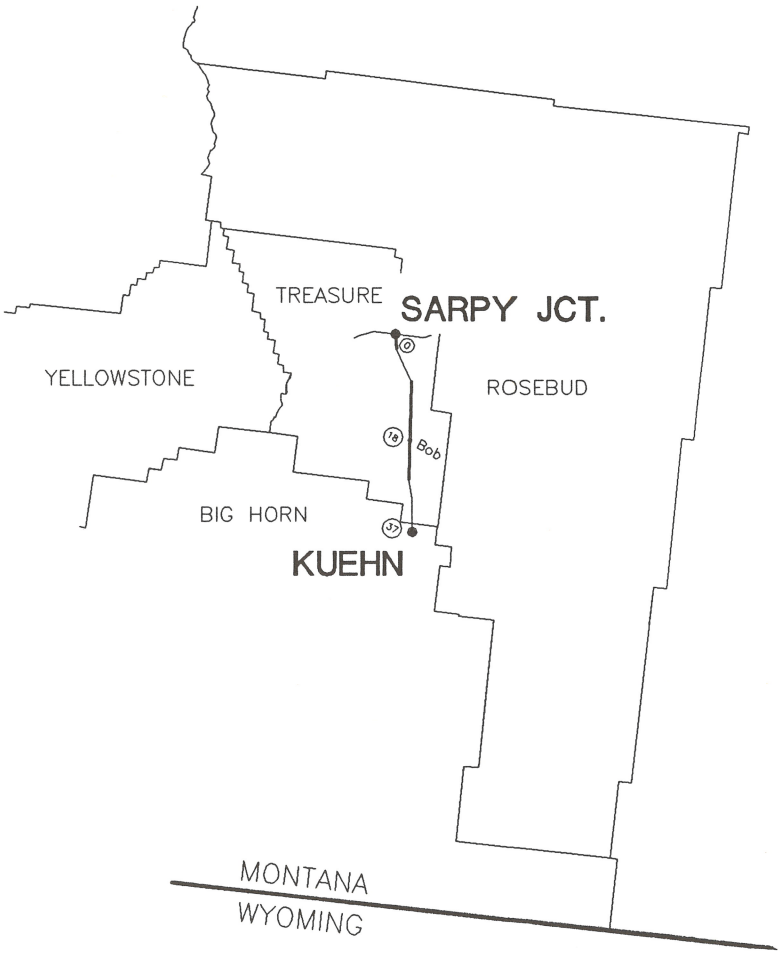
(STD-TCAD) JUNE 29,1993

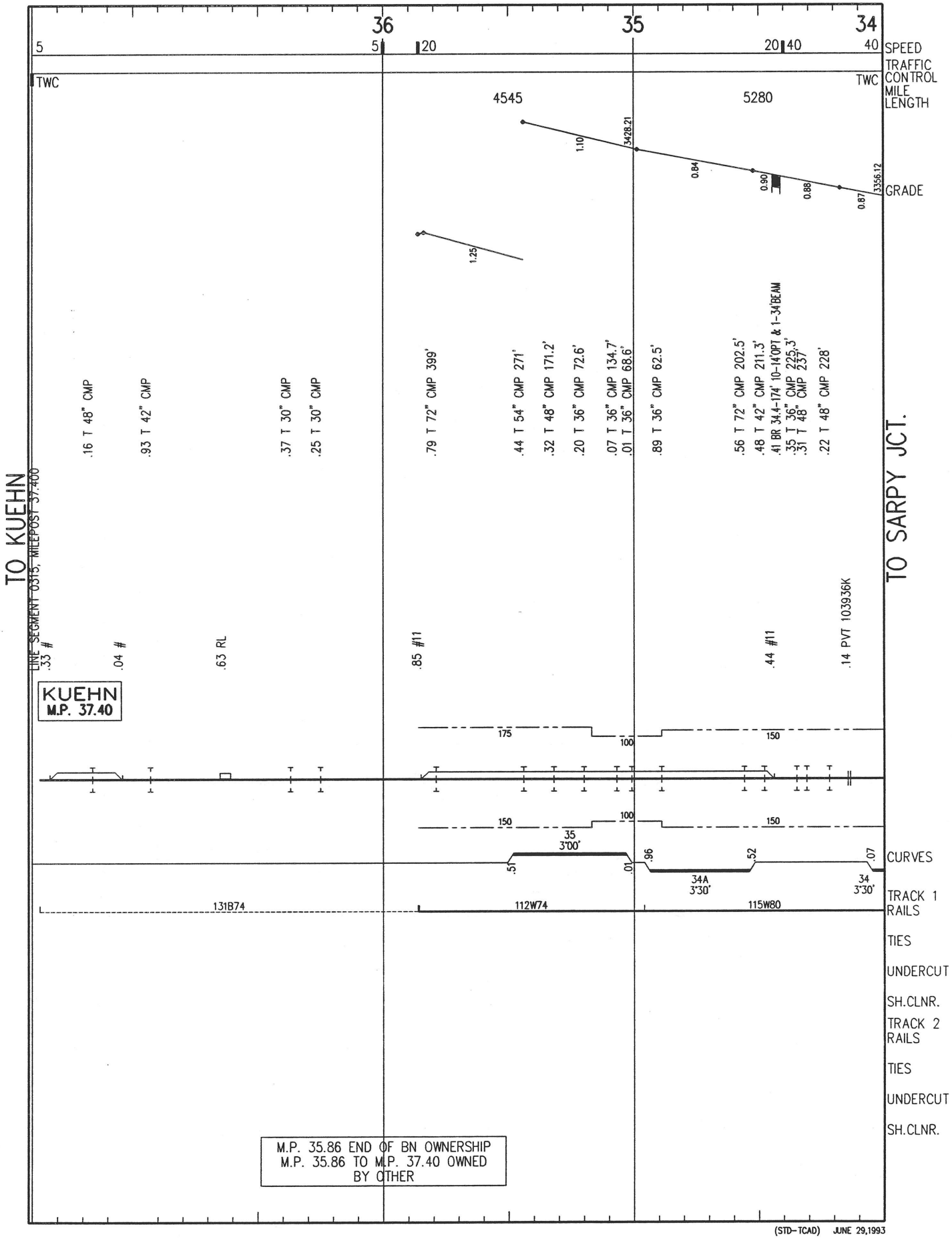

3
2
1
0
10
10
SPEED
TRAFFIC CONTROL
MILE LENGTH
TWC
TWC
5280
5280
5219
1703.40
1705.10
1704.21
1703.00
GRADE
0.00
0.00
0.12
0.14
0.00
TO ZEELAND
.76 BR 2.0-30' 2-TPT
.23 PUB 087729W
.93 T 36"X30' RCP
.40 T 24"X39' RCP
.26 T 8"X8"X16' WB
.09 PUB XBUCKS 087728
.81 T 36"X36' RCP
.29 PVT 087727
.13 T 24"X34' CMP
LINE SEGMENT 0290, MILEPOST 0.000
TO MC KENZIE
MCKENZIE
M.P. 0.00
50
100
50
50
100
50
2
2°00'
.23
.11
0
2°30'
.18
.00
CURVES
090B38
TRACK 1 RAILS
TIES
UNDERCUT
92-CR
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
LINTON LINE CONNECTS TO THE
SOUTH YARD TRACKS IN MCKENZIE
(STD-TCAD) JUNE 29,1993

BURLINGTON NORTHERN
YELLOWSTONE DIVISION

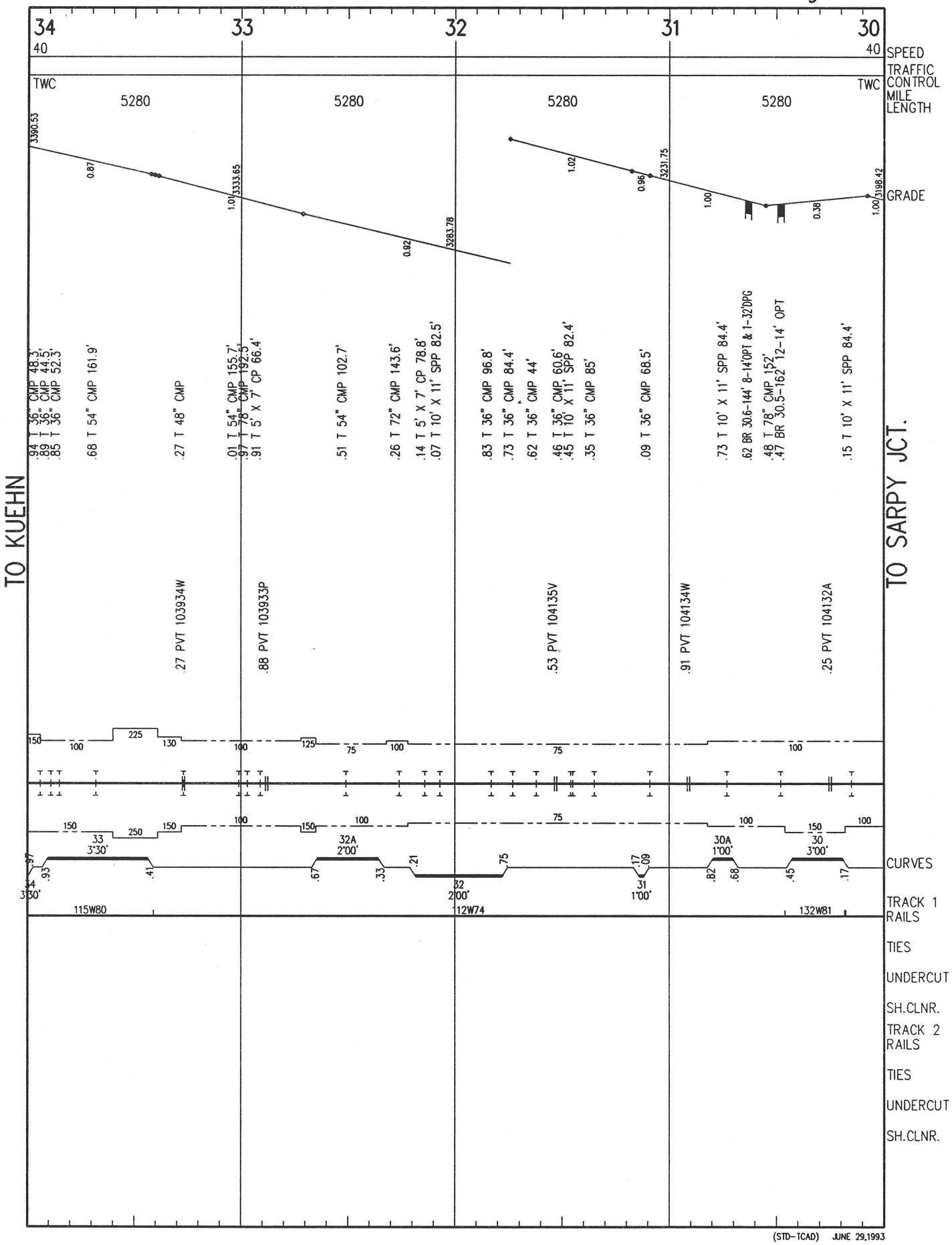
SARPY LINE SUBDIVISION



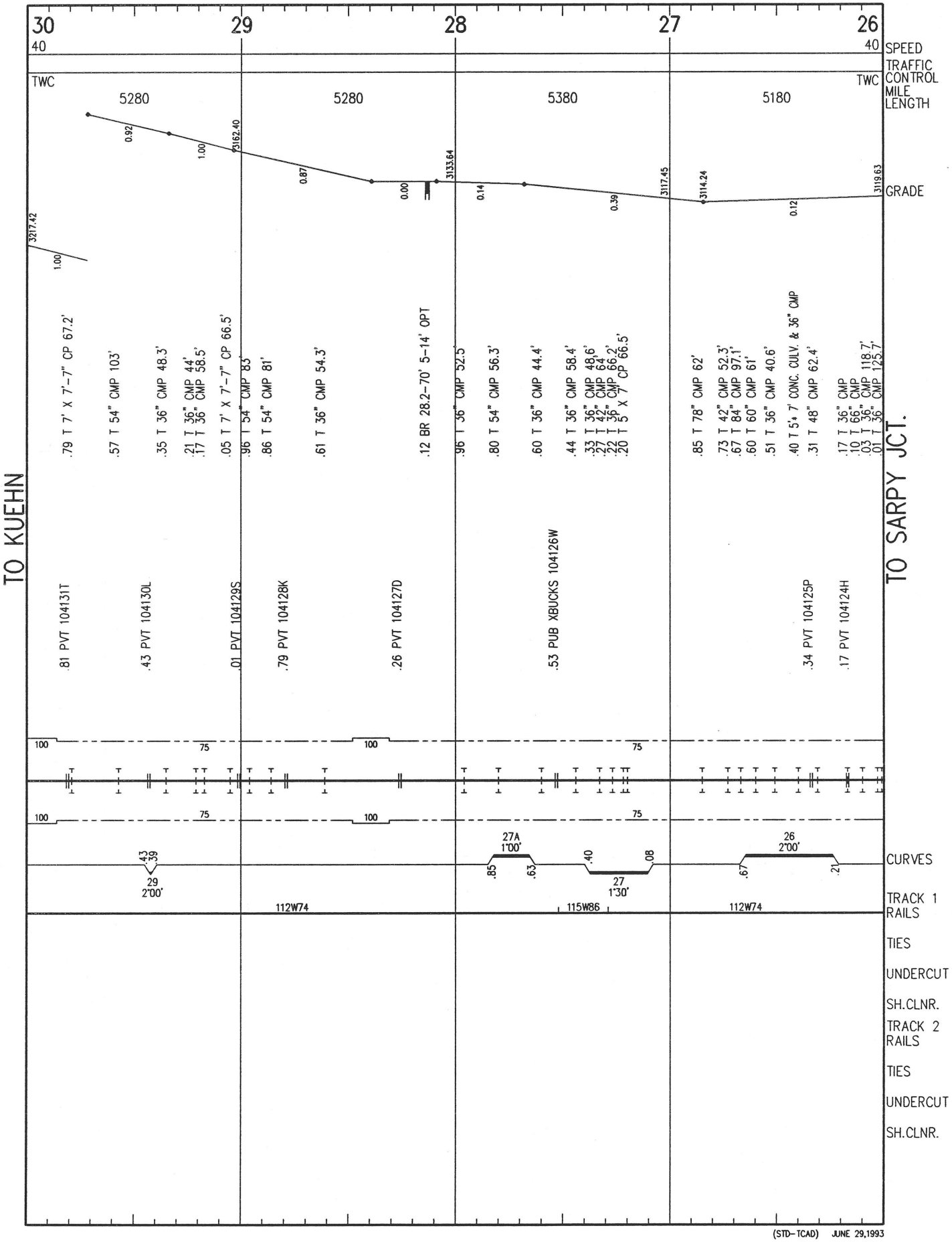




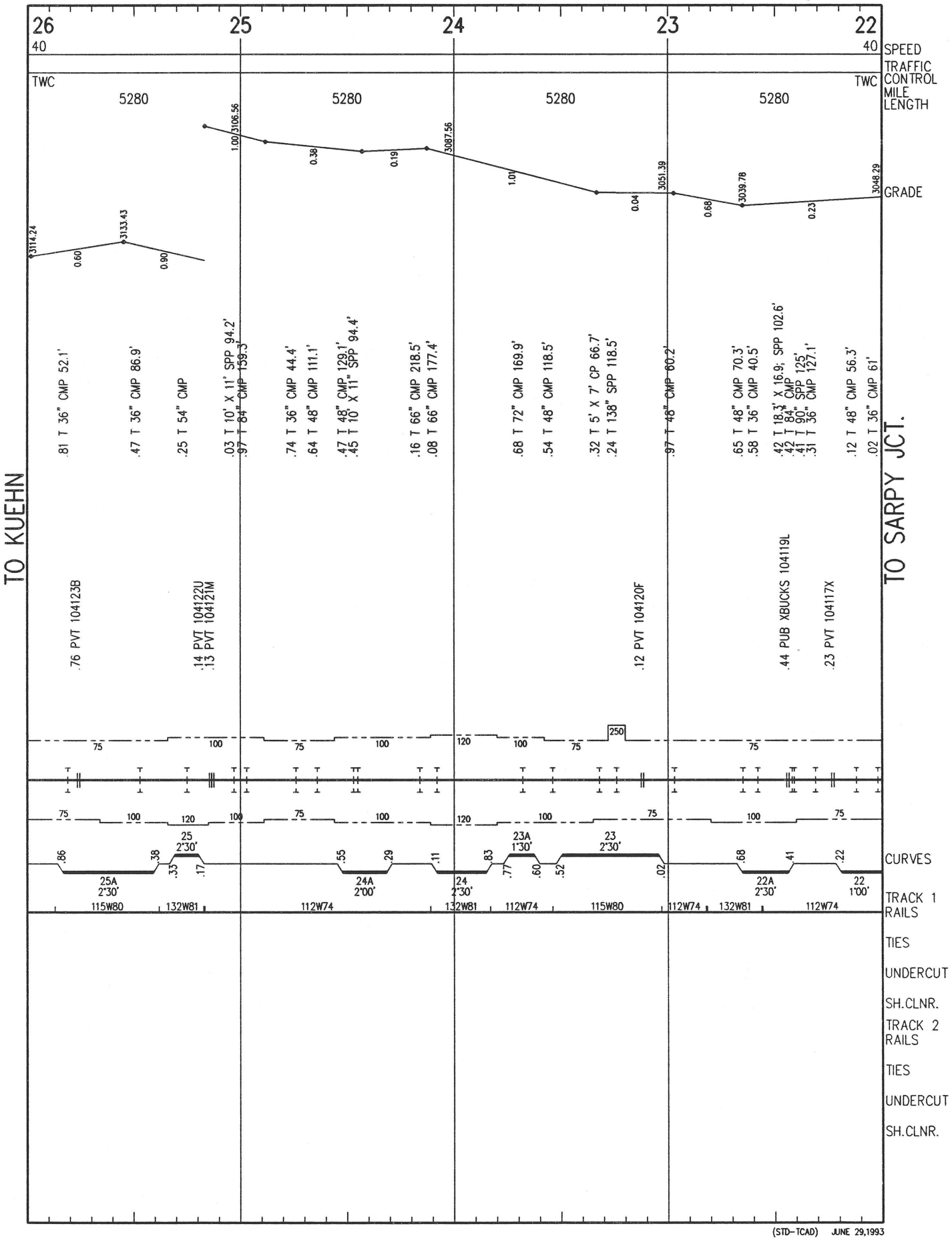
(STD-TCAD) JUNE 29,1993



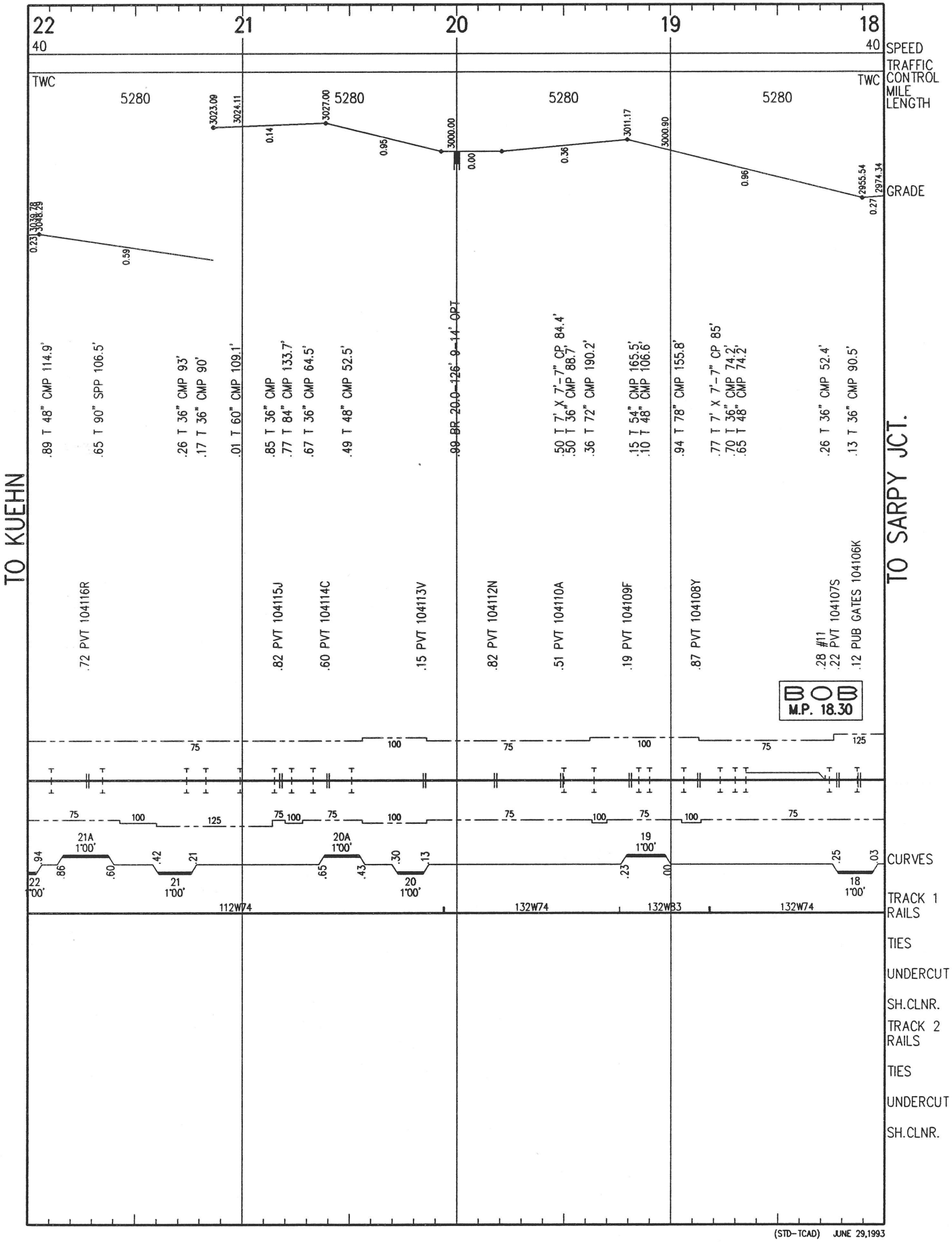
(STD-TCAD) JUNE 29,1993



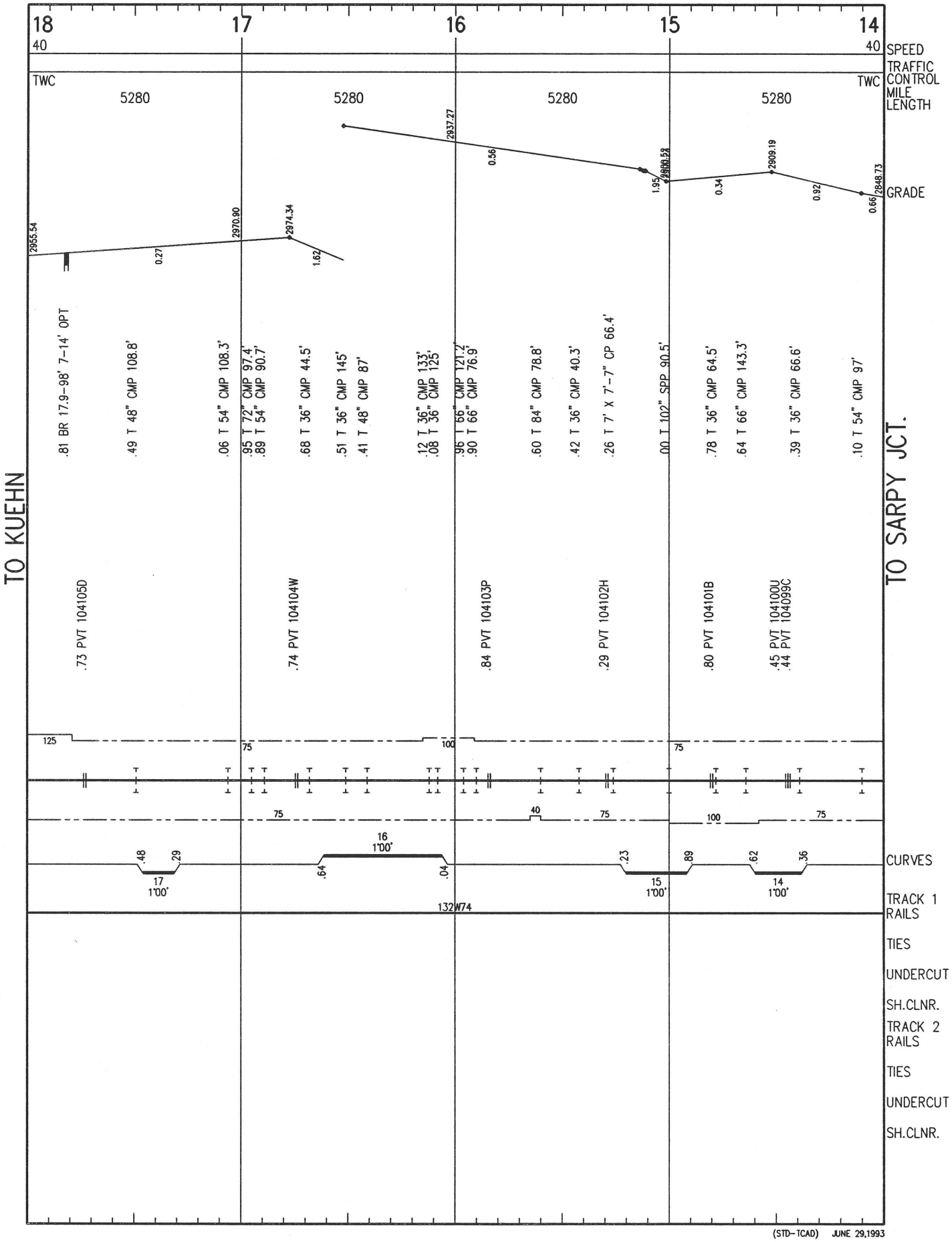
(STD-TCAD) JUNE 29,1993



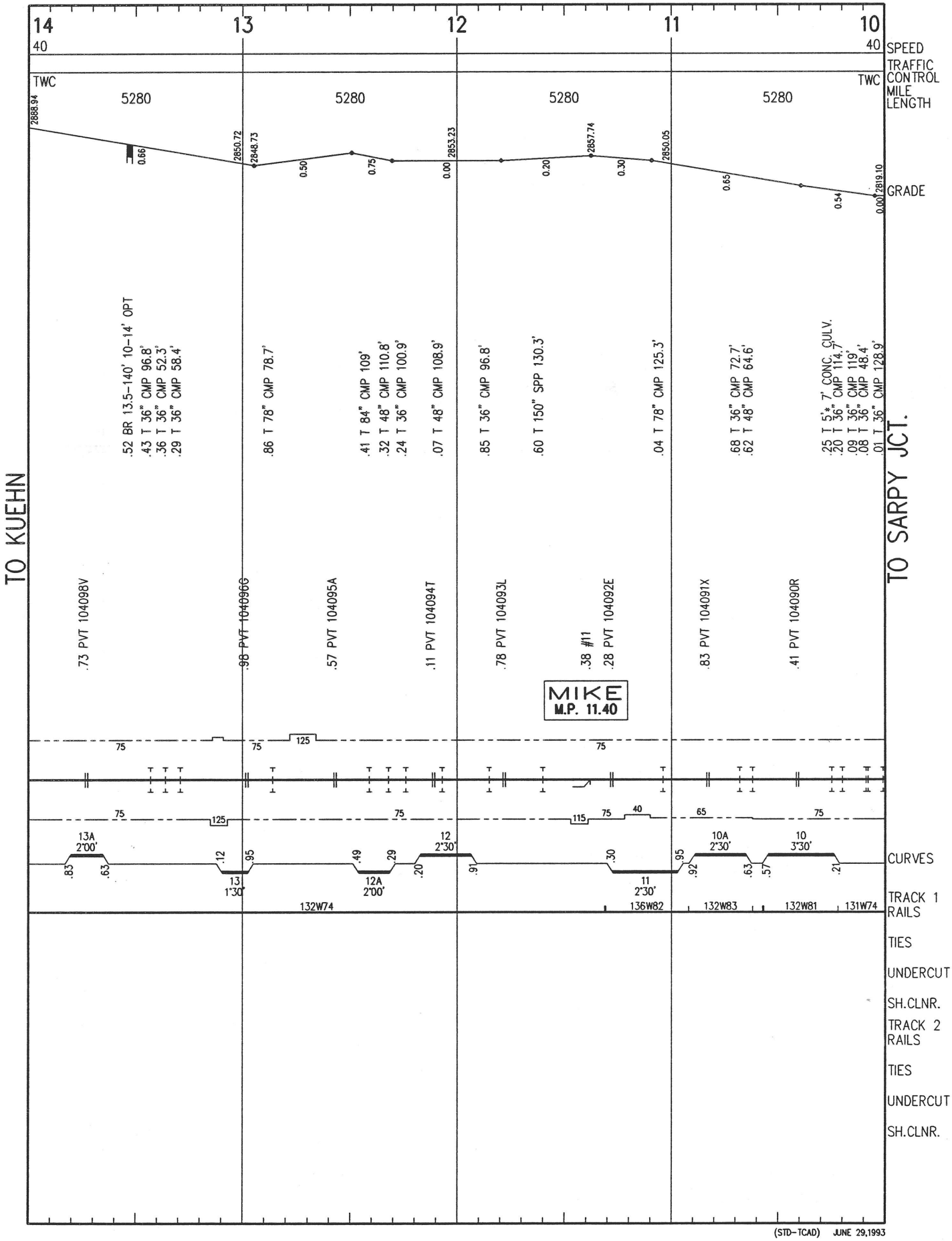
(STD-TCAD) JUNE 29,1993



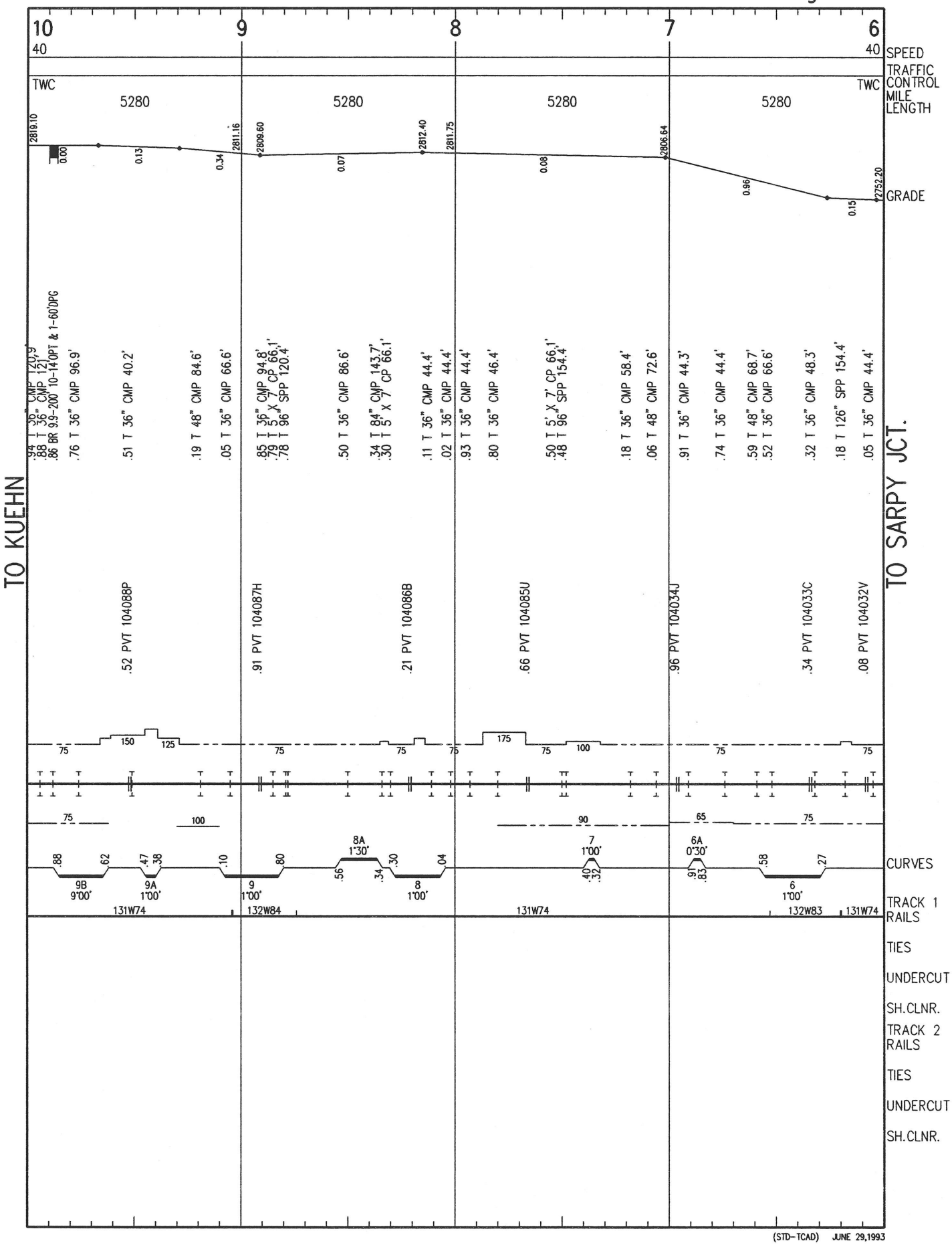
(STD-TCAD) JUNE 29,1993



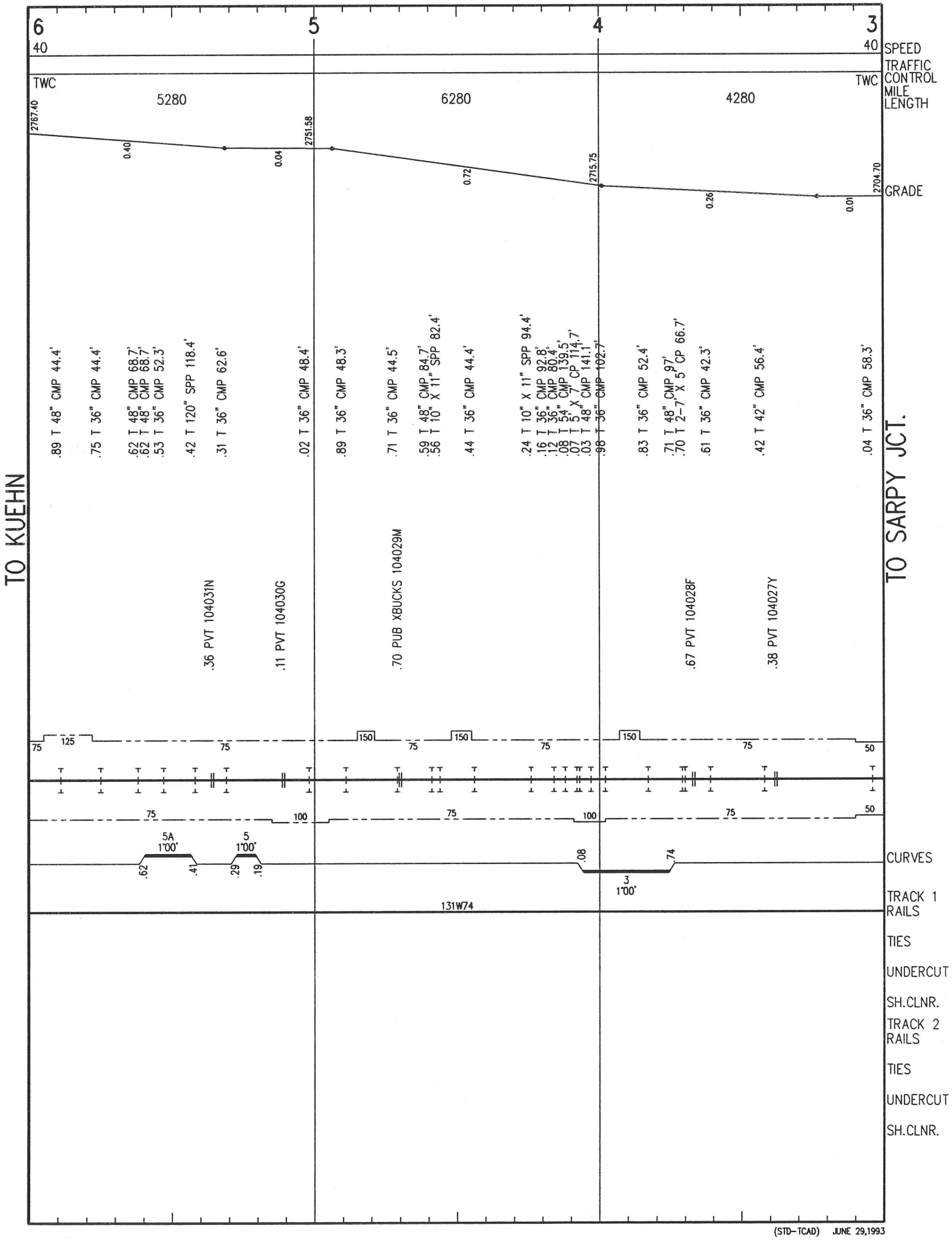
(STD-TCAD) JUNE 29,1993



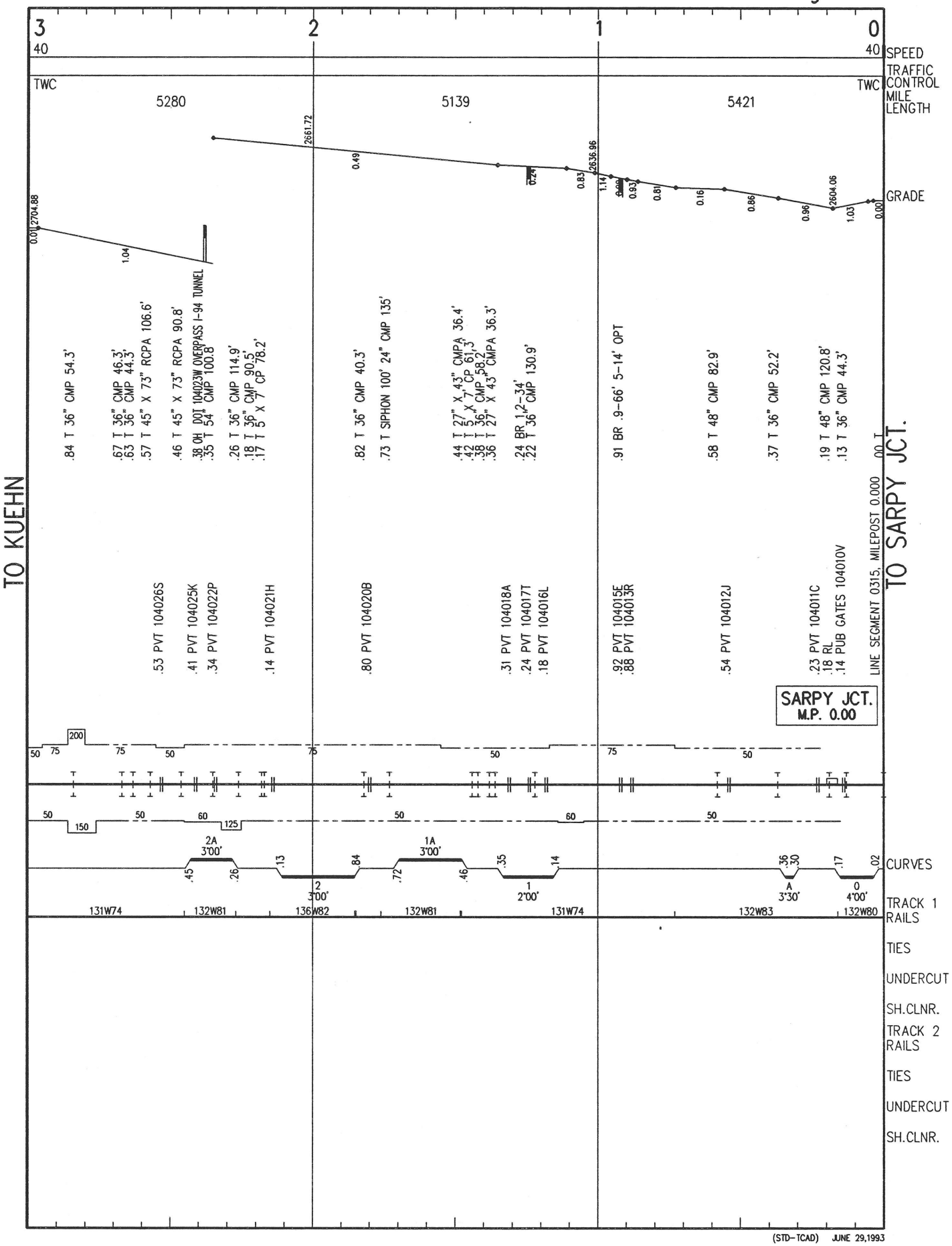
(STD-TCAD) JUNE 29,1993



(STD-TCAD) JUNE 29,1993



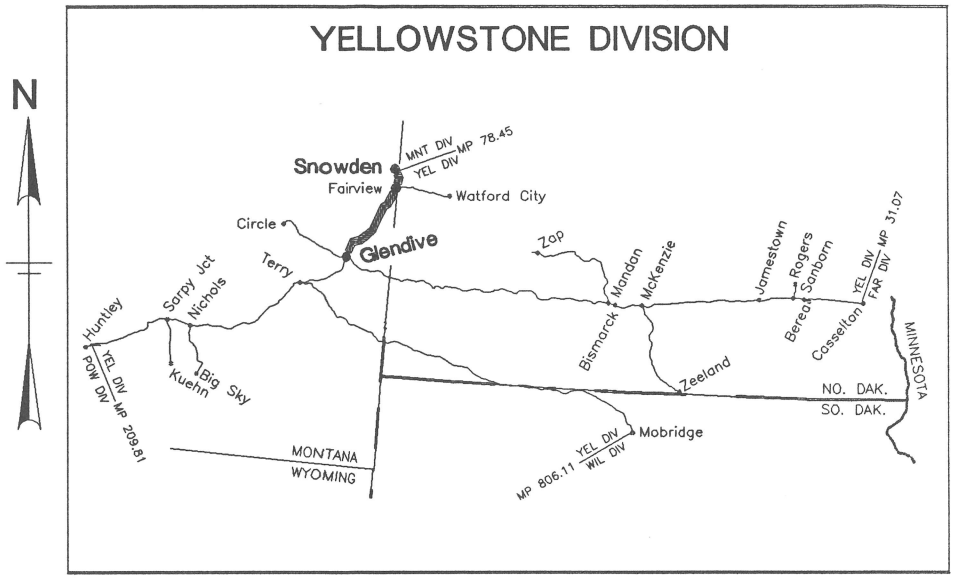
(STD-TCAD) JUNE 29,1993

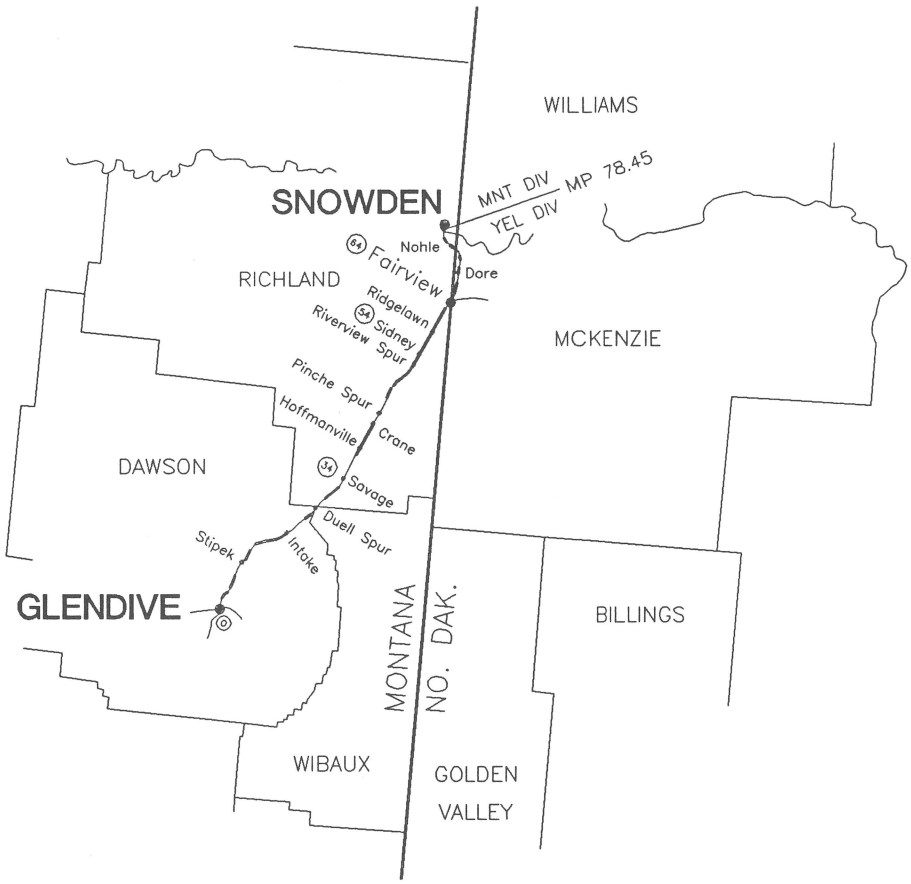


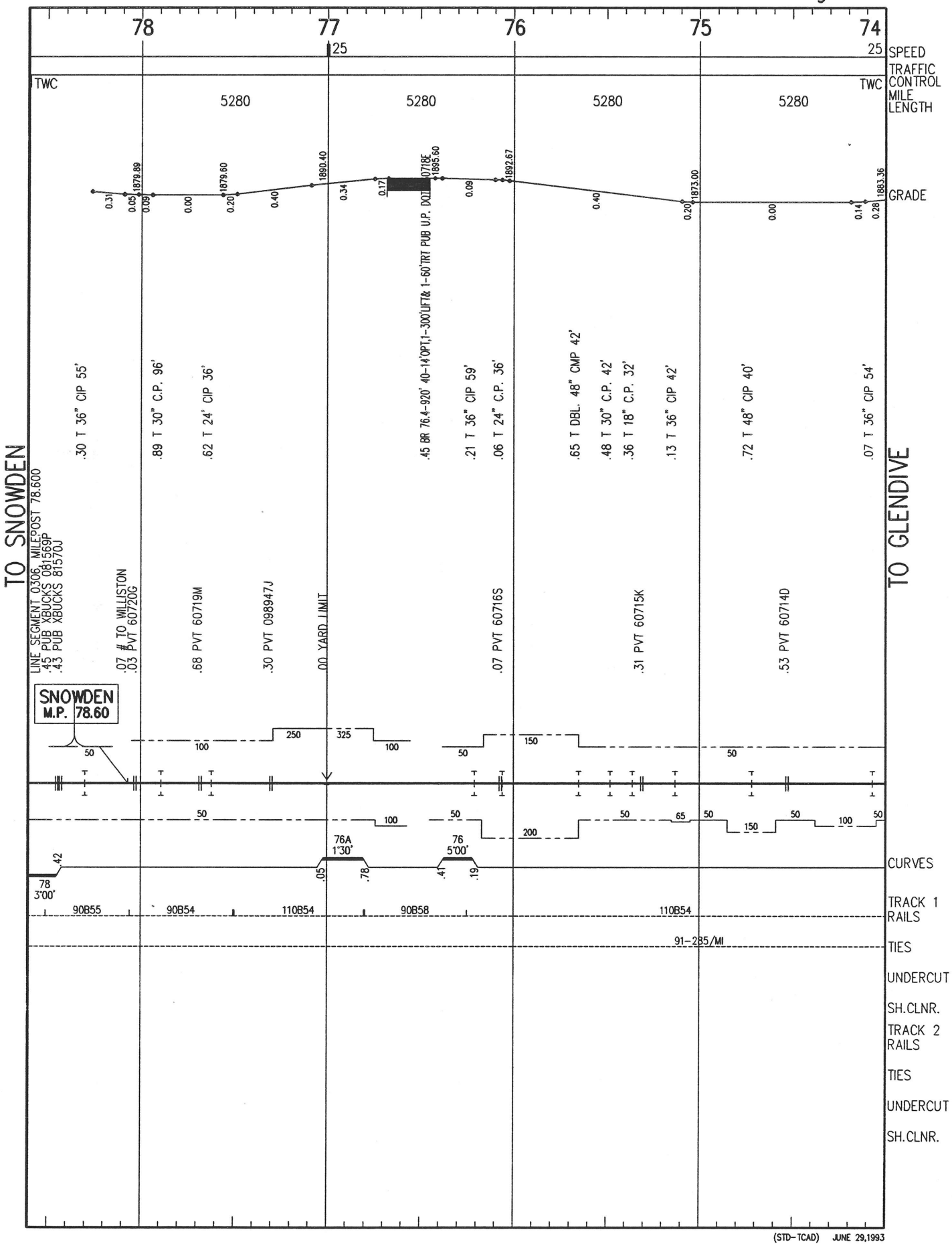
(STD-TCAD) JUNE 29,1993

BURLINGTON NORTHERN
YELLOWSTONE DIVISION

SIDNEY LINE SUBDIVISION







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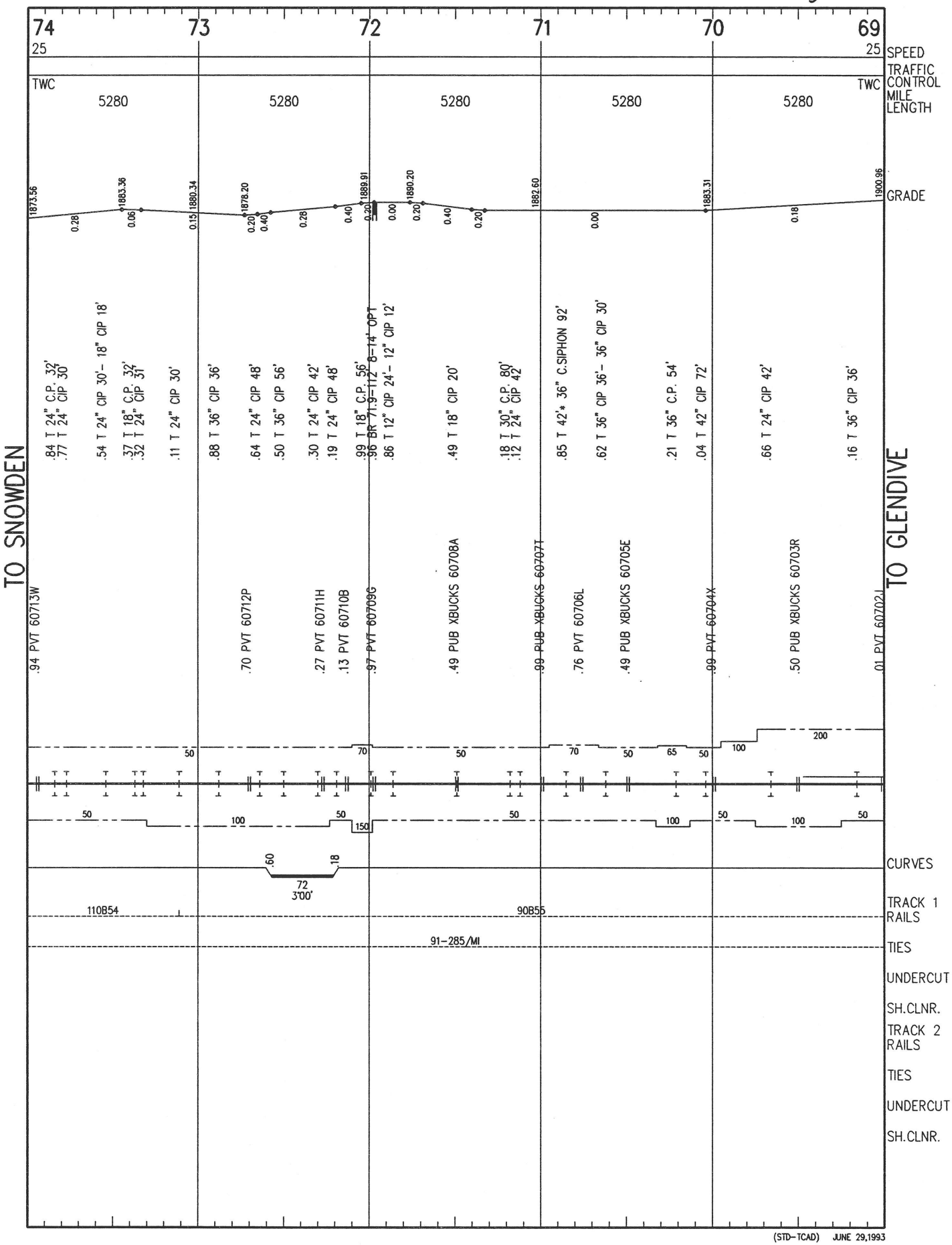

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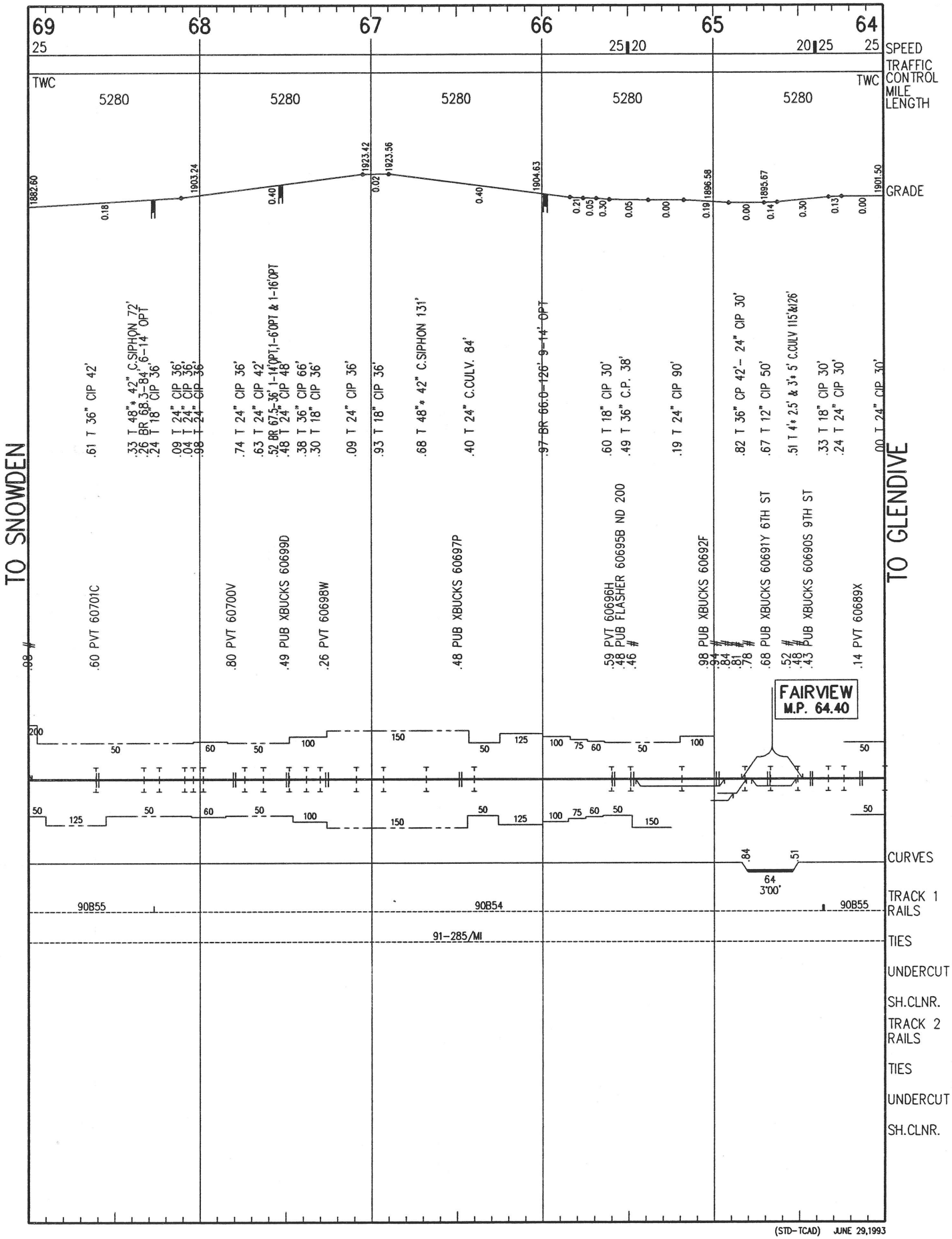

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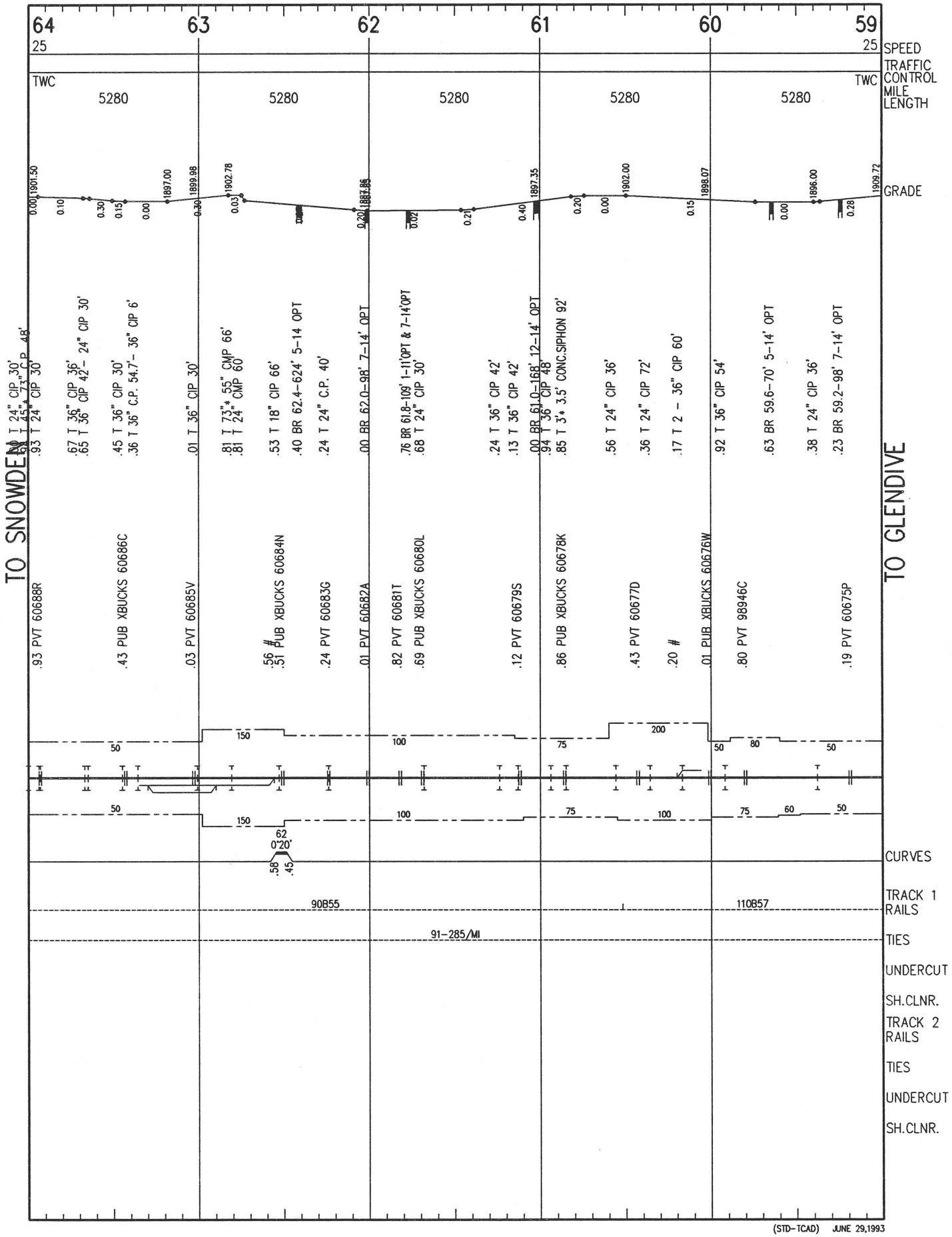

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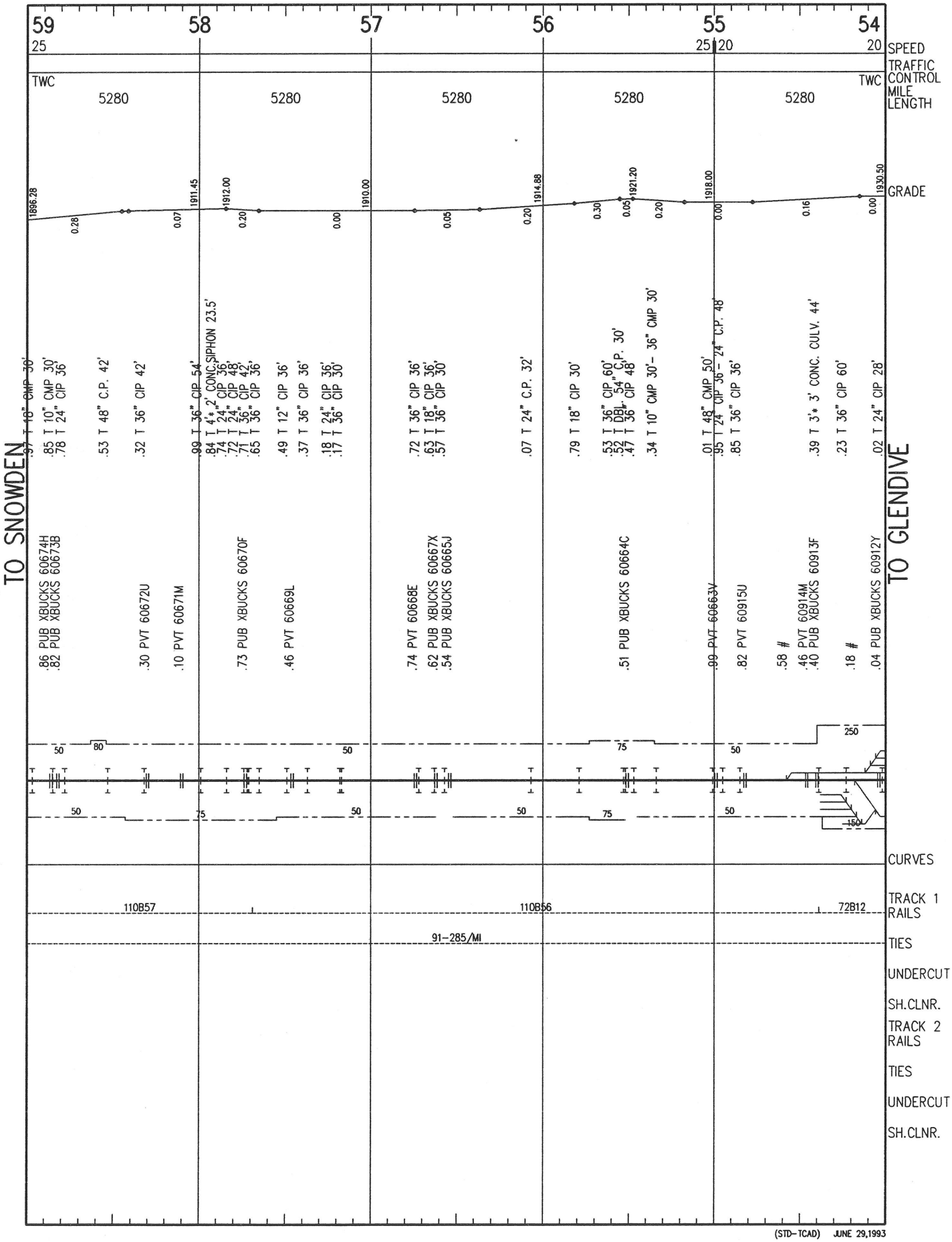

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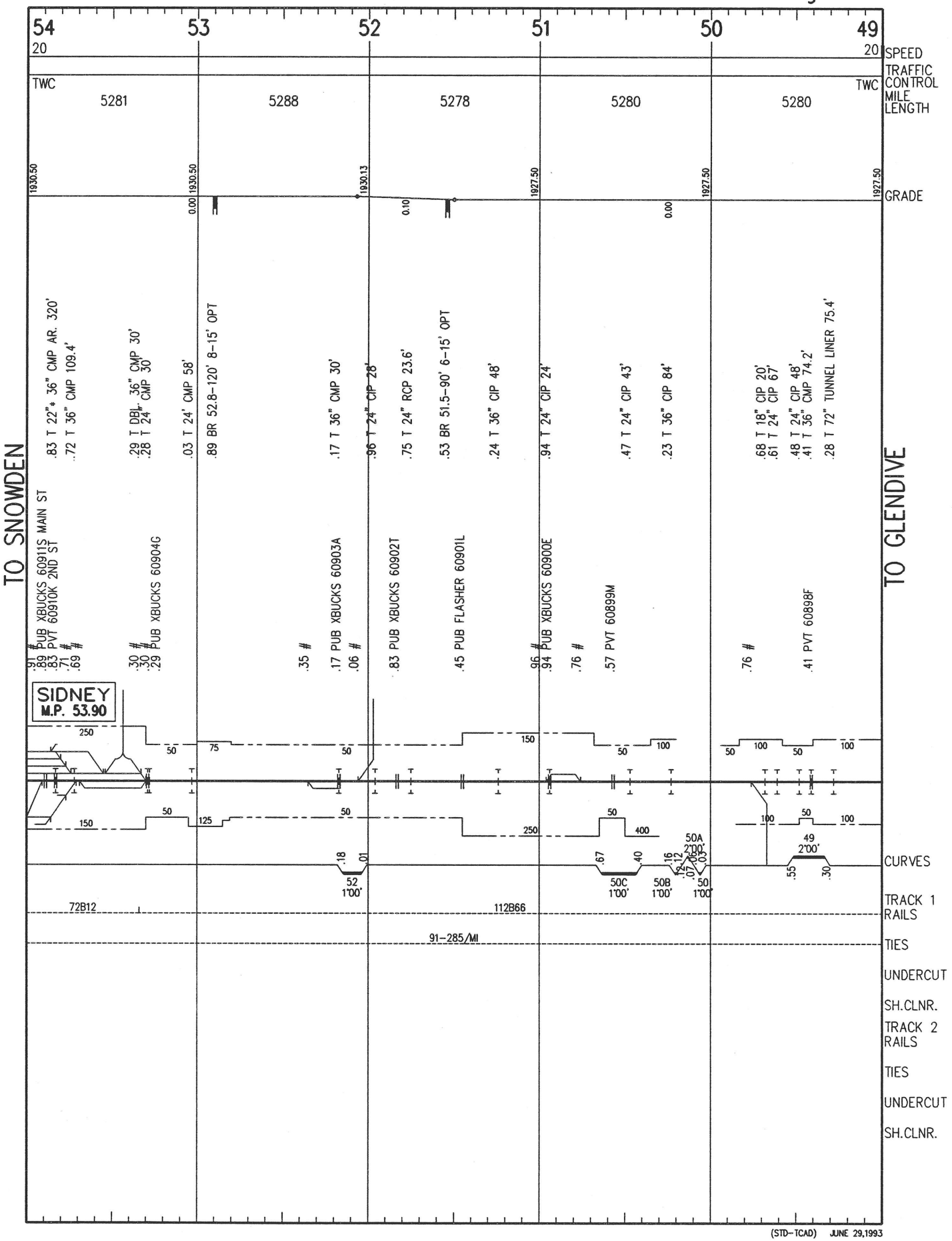

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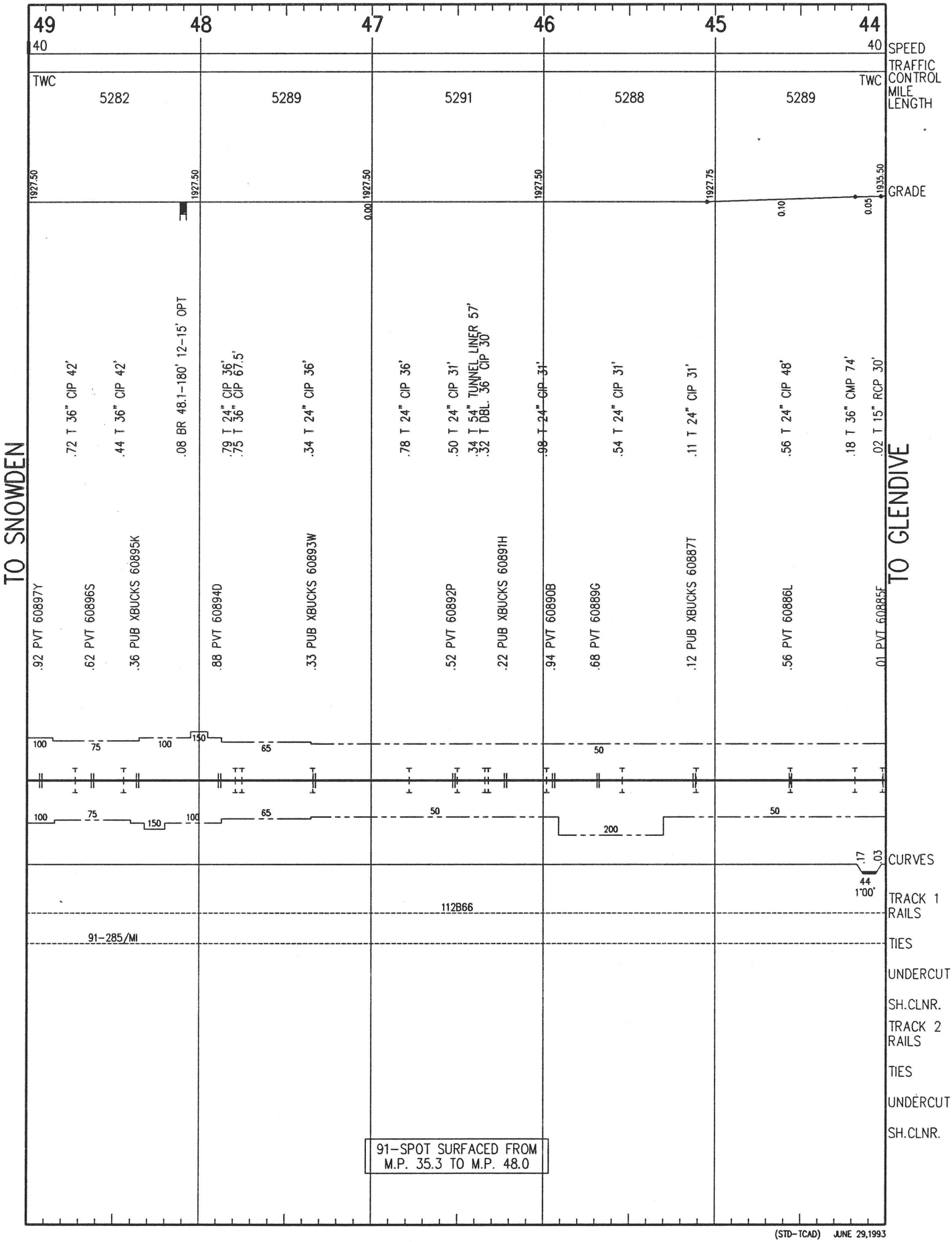

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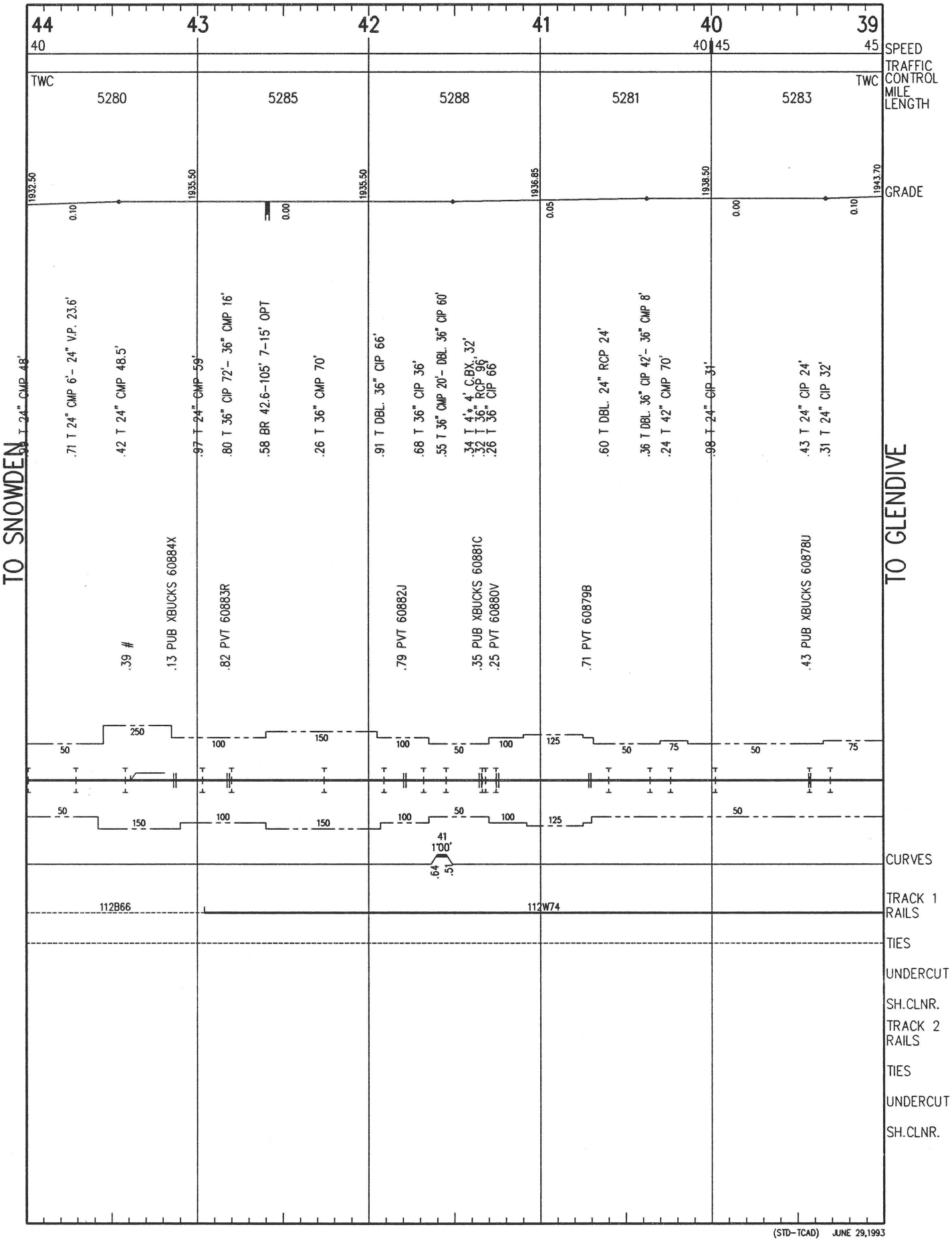

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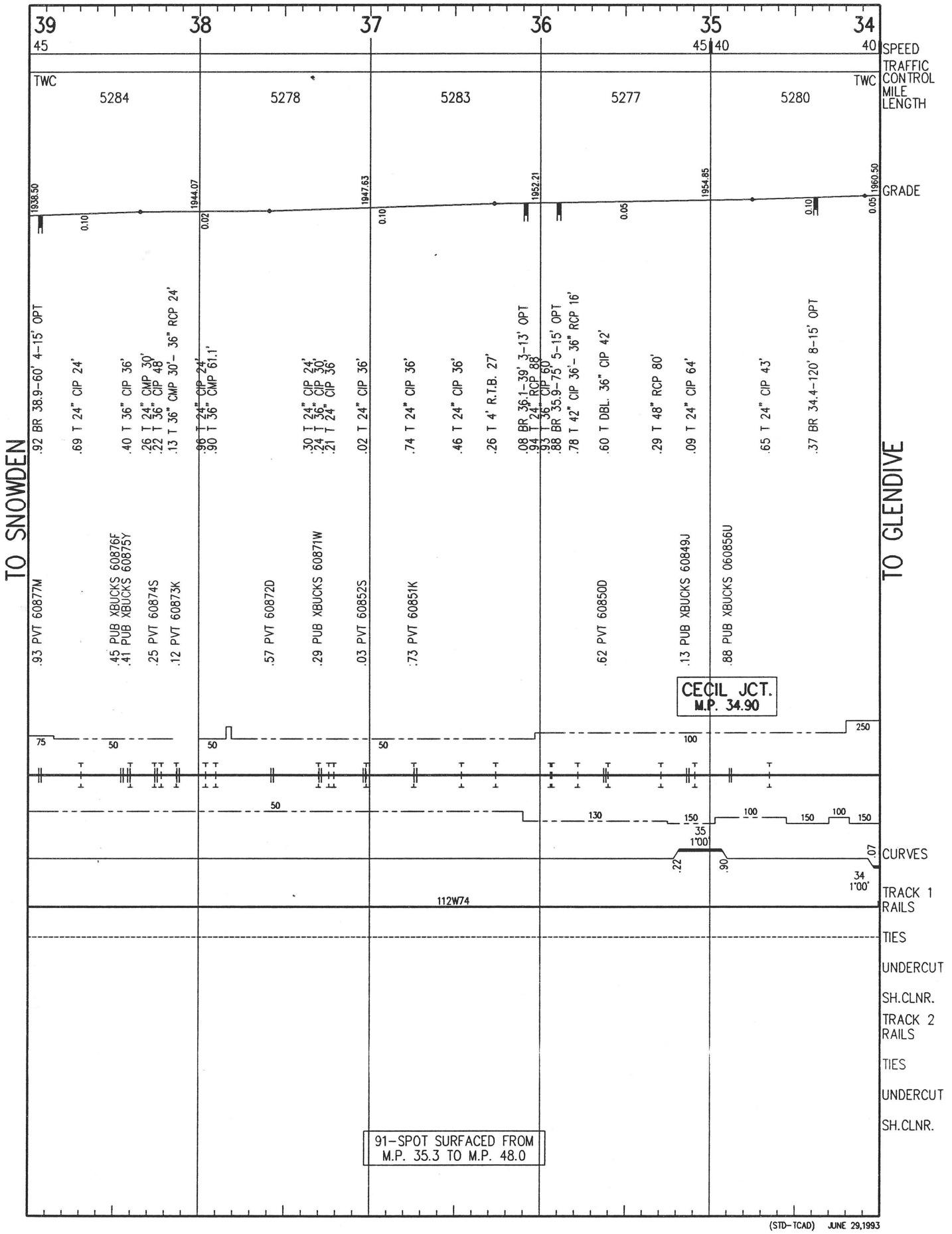

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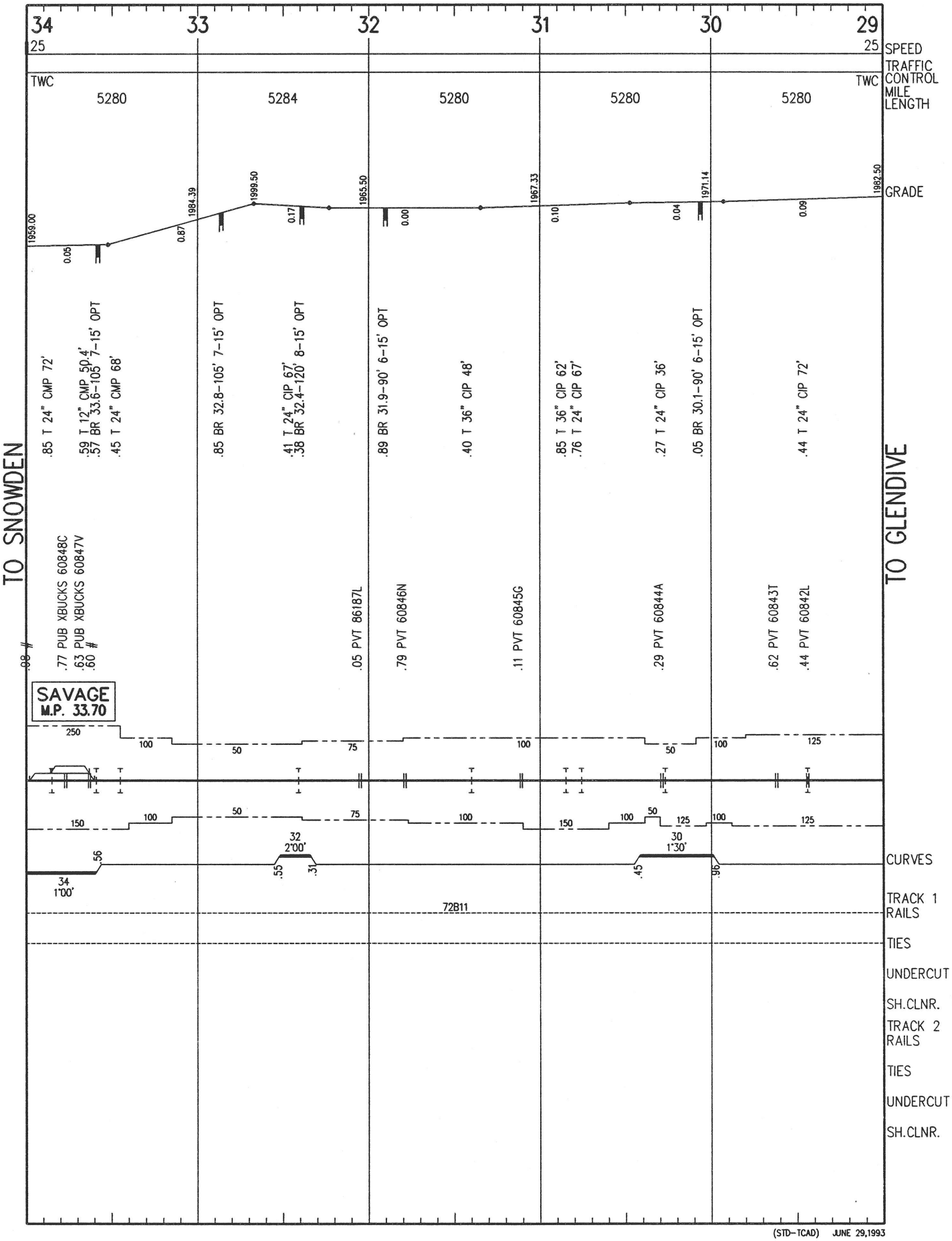

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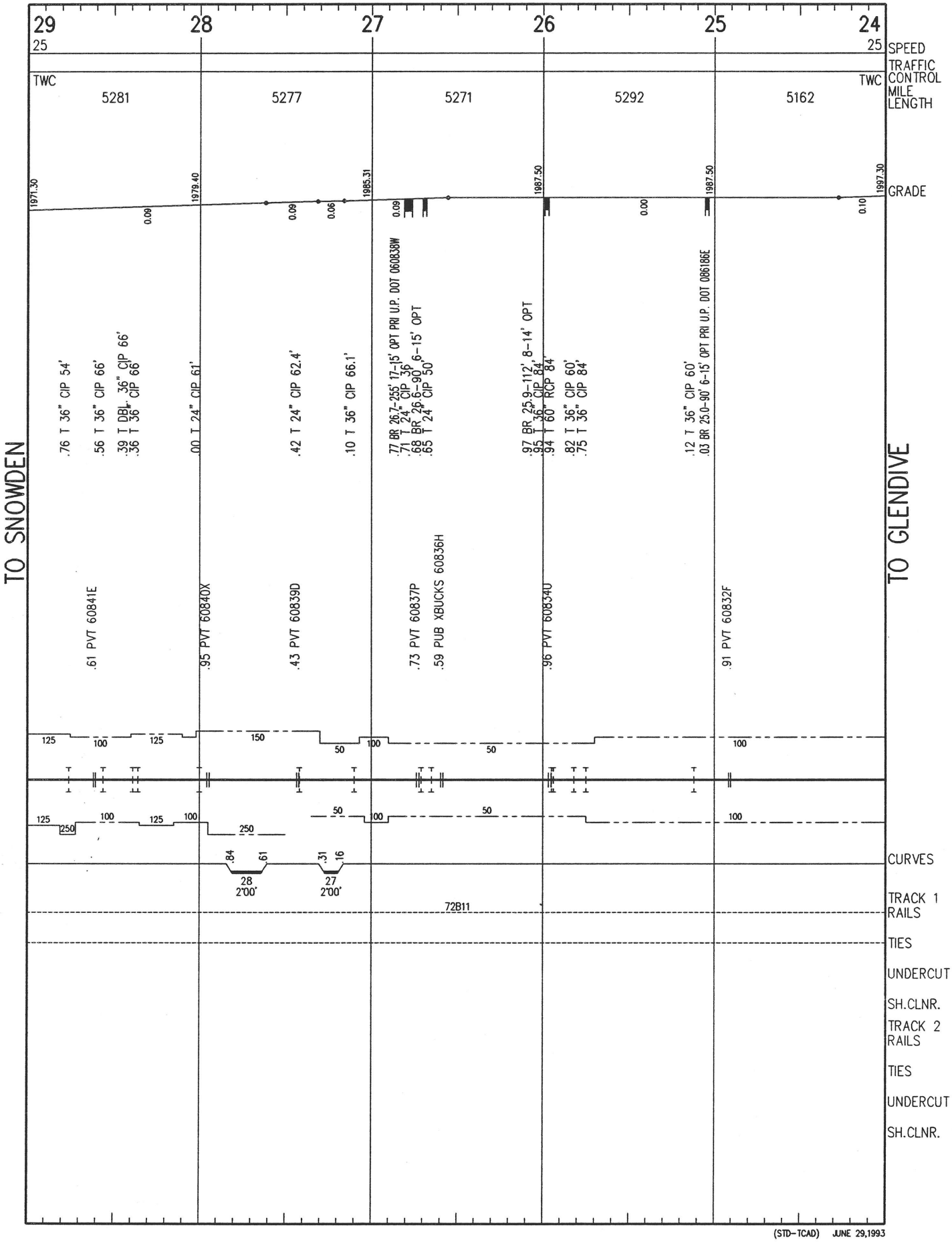

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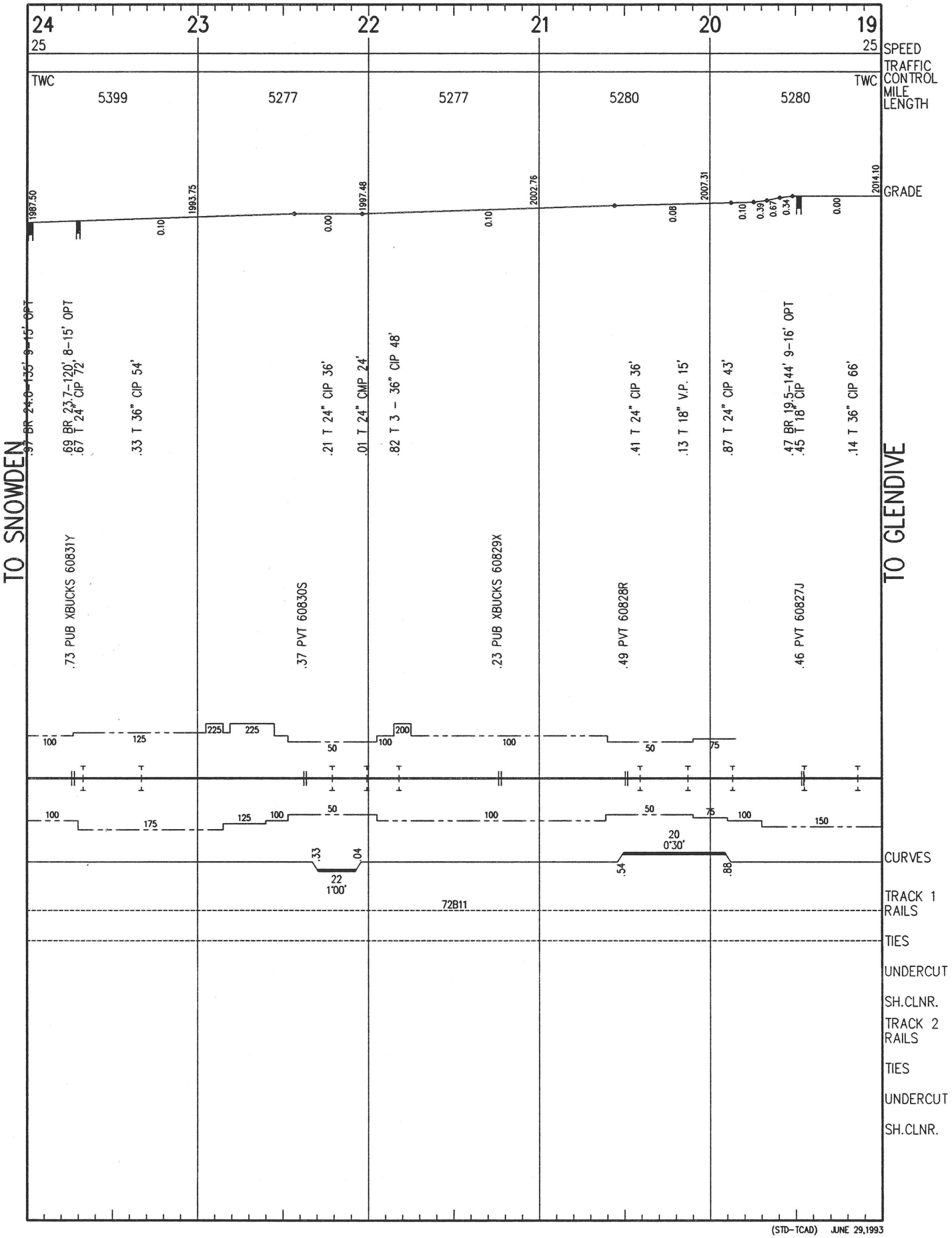

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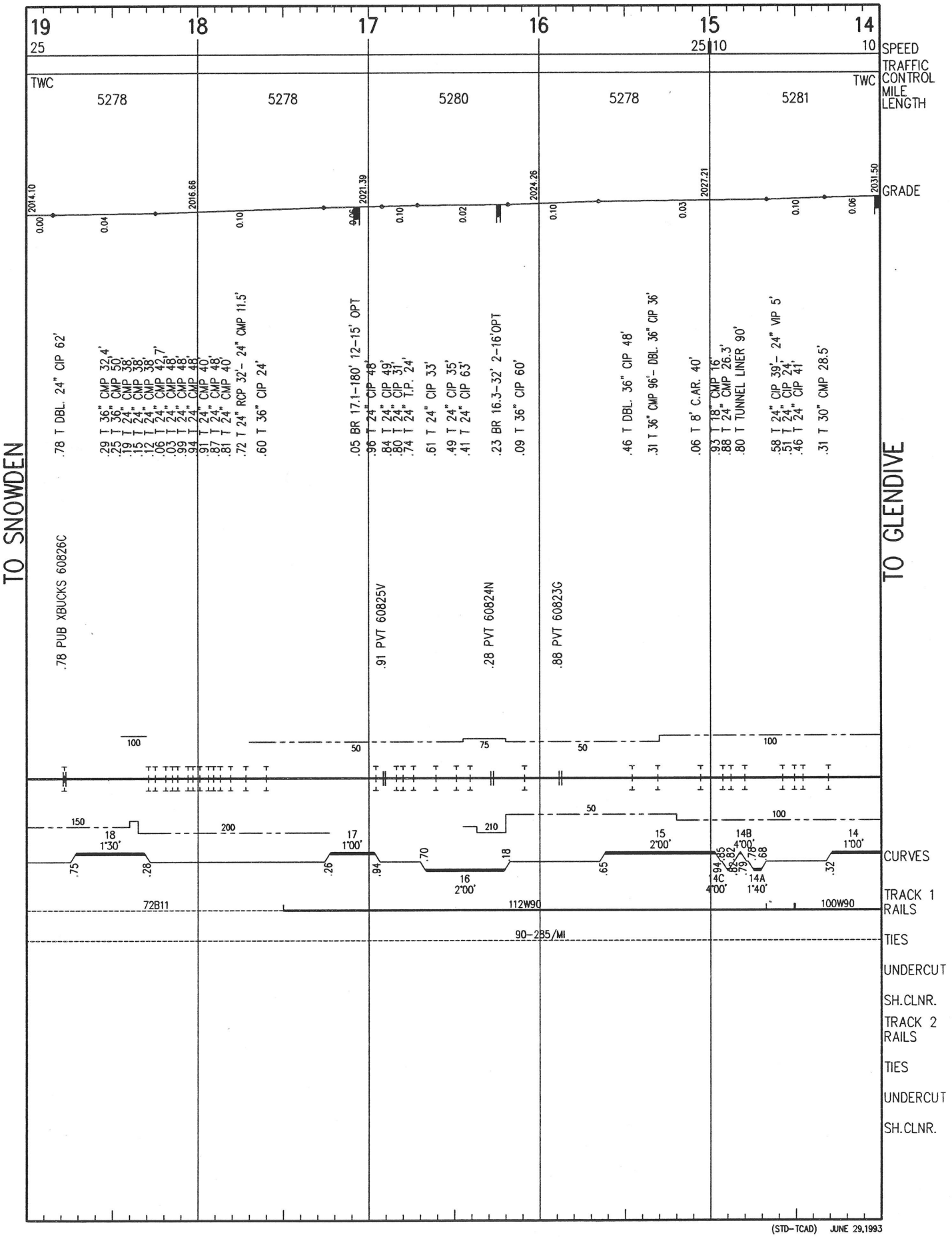

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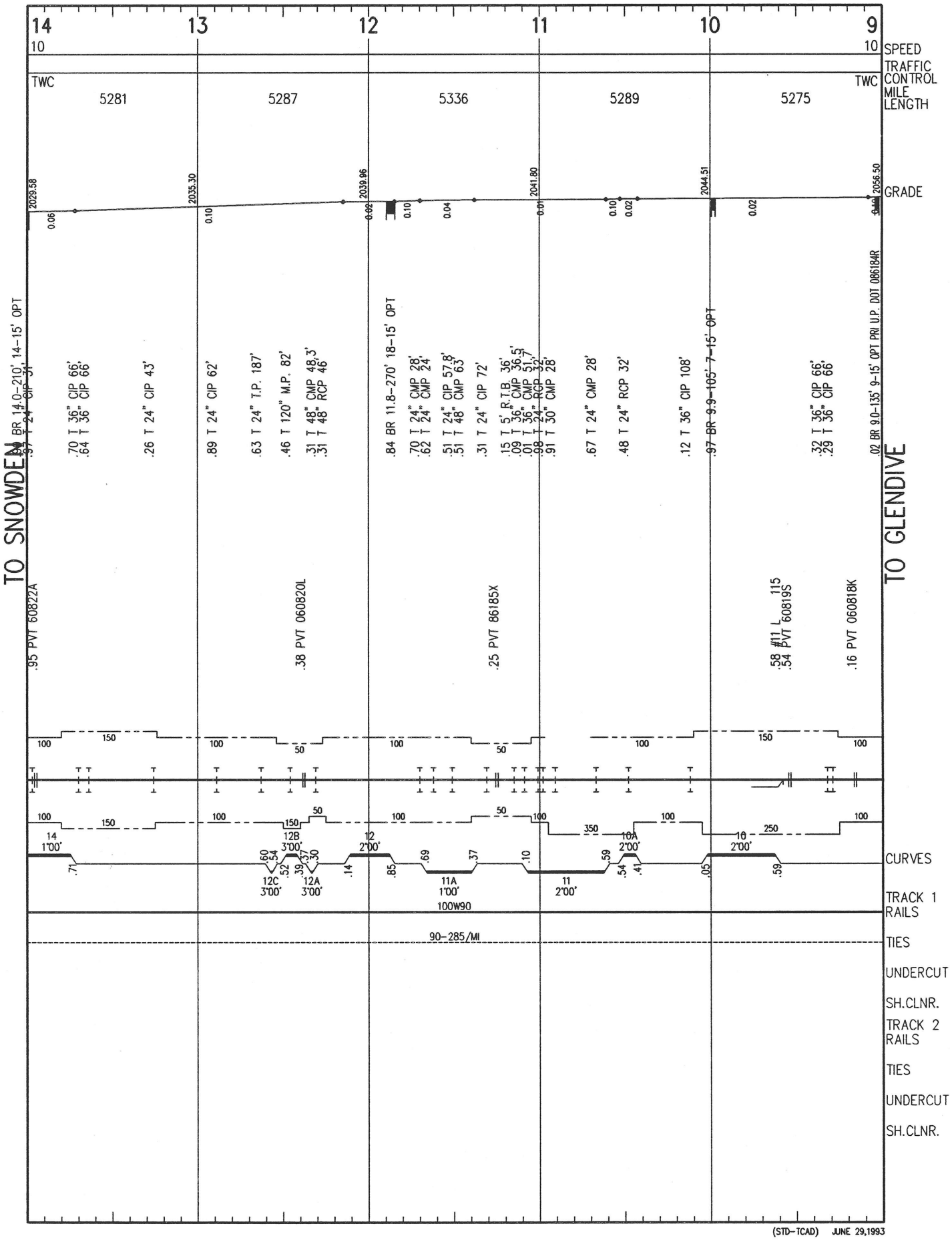
14
13
12
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10
SPEED
TRAFFIC CONTROL
TWC
TWC
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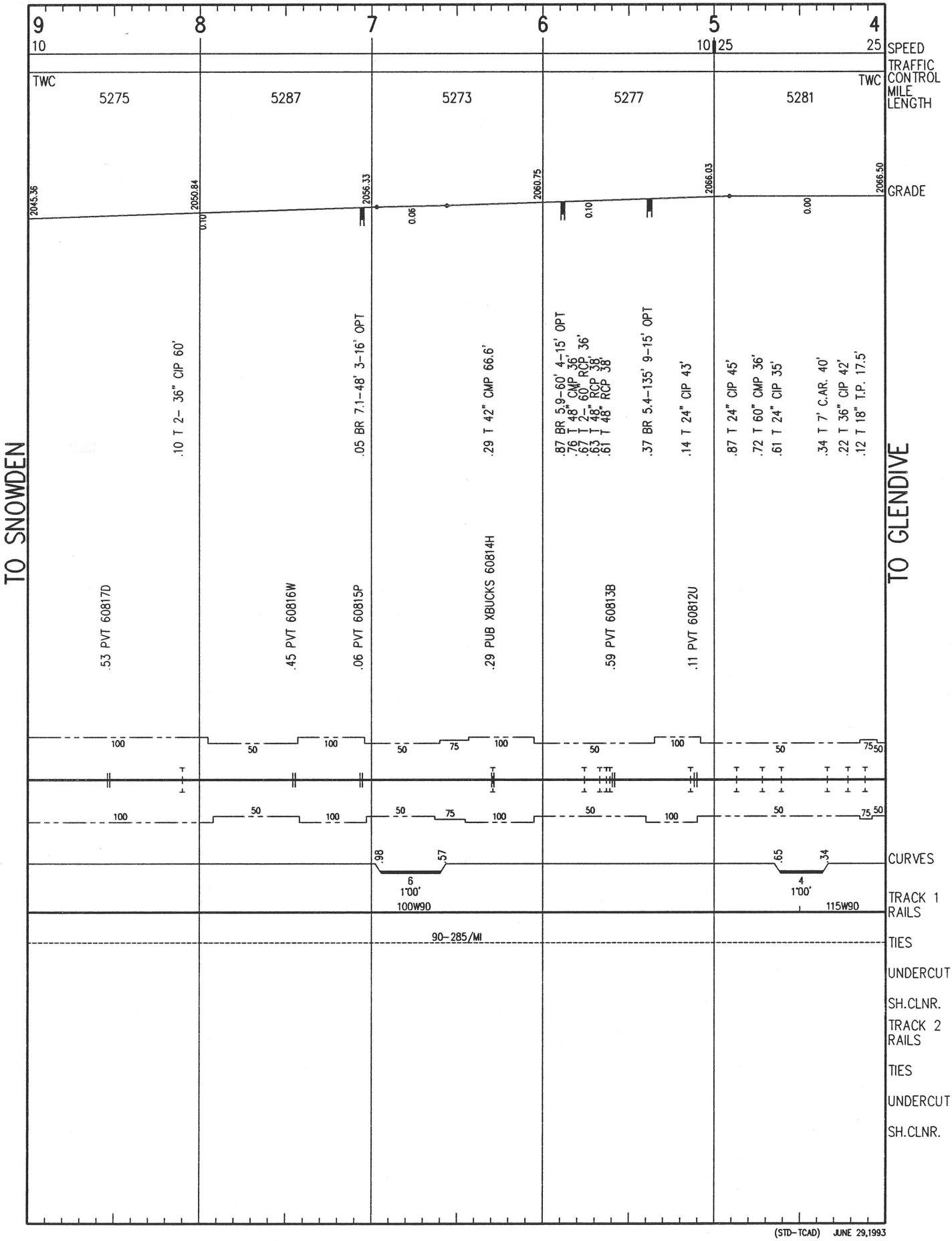
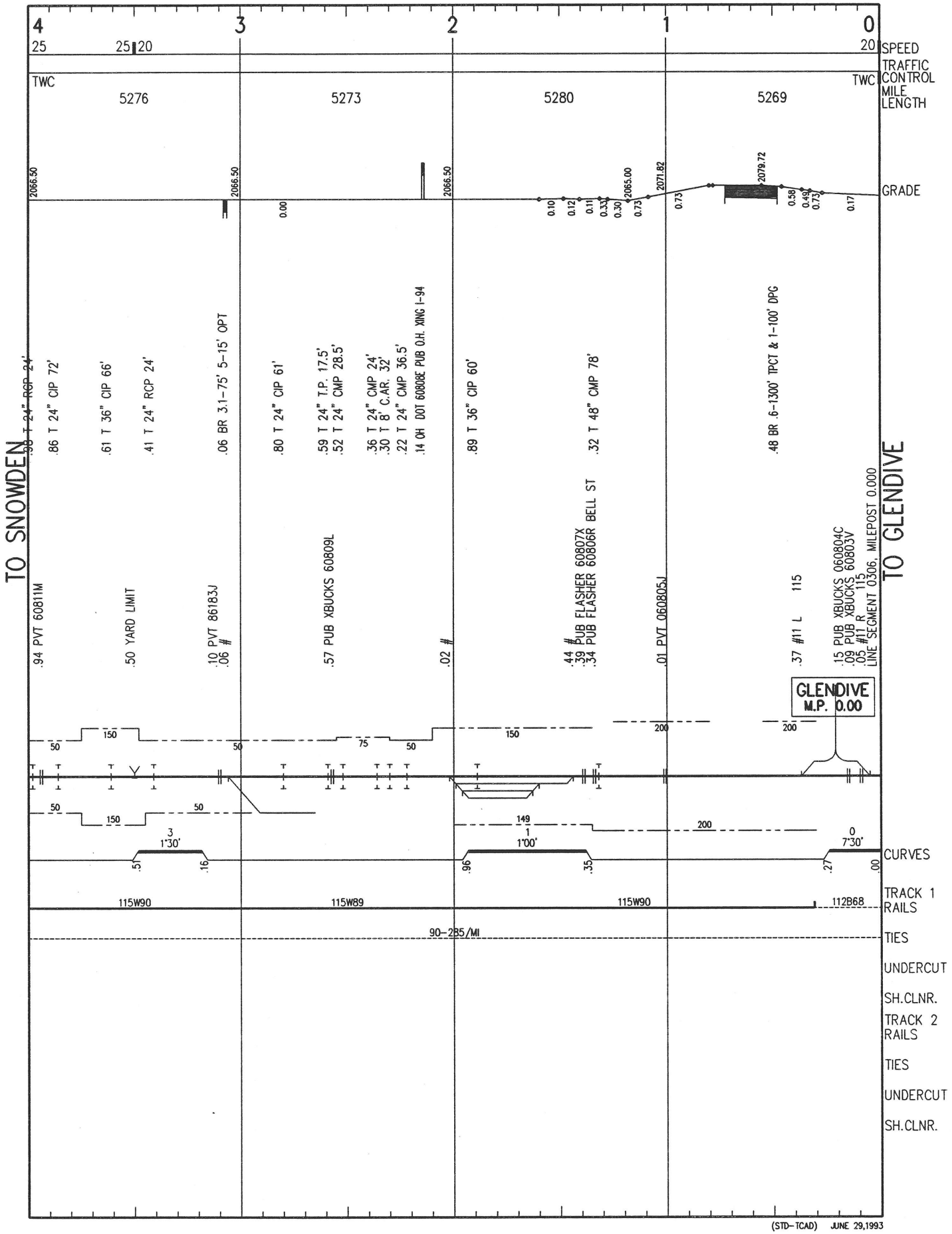
5287
5336
5289
5275
MILE LENGTH
2029.58
2035.30
2039.96
2041.80
2044.51
2056.50
GRADE
0.06
0.10
0.08
0.10
0.04
0.01
0.10
0.02
0.02
TO SNOWDEN
TO GLENDIVE
.95 PVT 60822A
.38 PVT 060820L
.25 PVT 86185X
.58 #11 L 115
.54 PVT 60819S
.16 PVT 060818K
CURVES
TRACK 1 RAILS
TIES
UNDERCUT
SH.CLNR.
TRACK 2 RAILS
TIES
UNDERCUT
SH.CLNR.
100W90
90-285/MI
(STD-TCAD) JUNE 29,1993



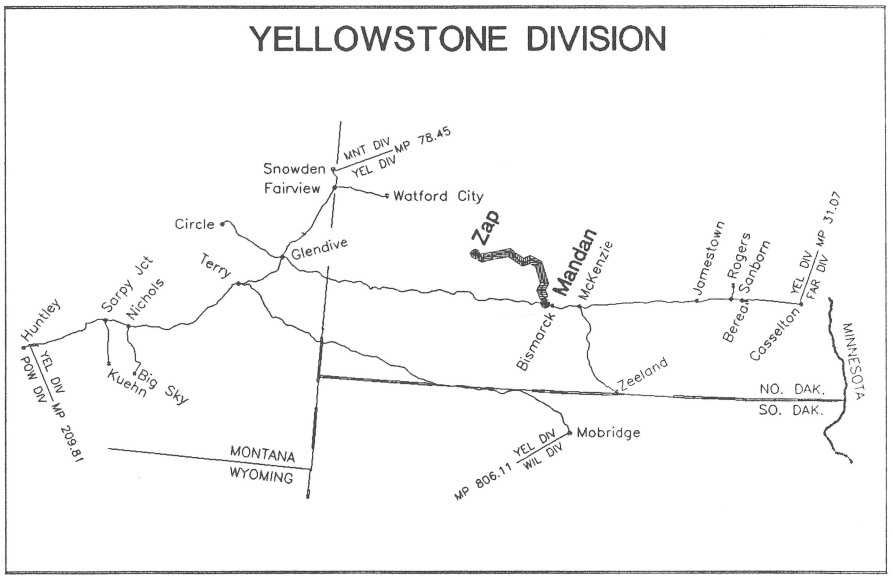
(STD-TCAD) JUNE 29,1993

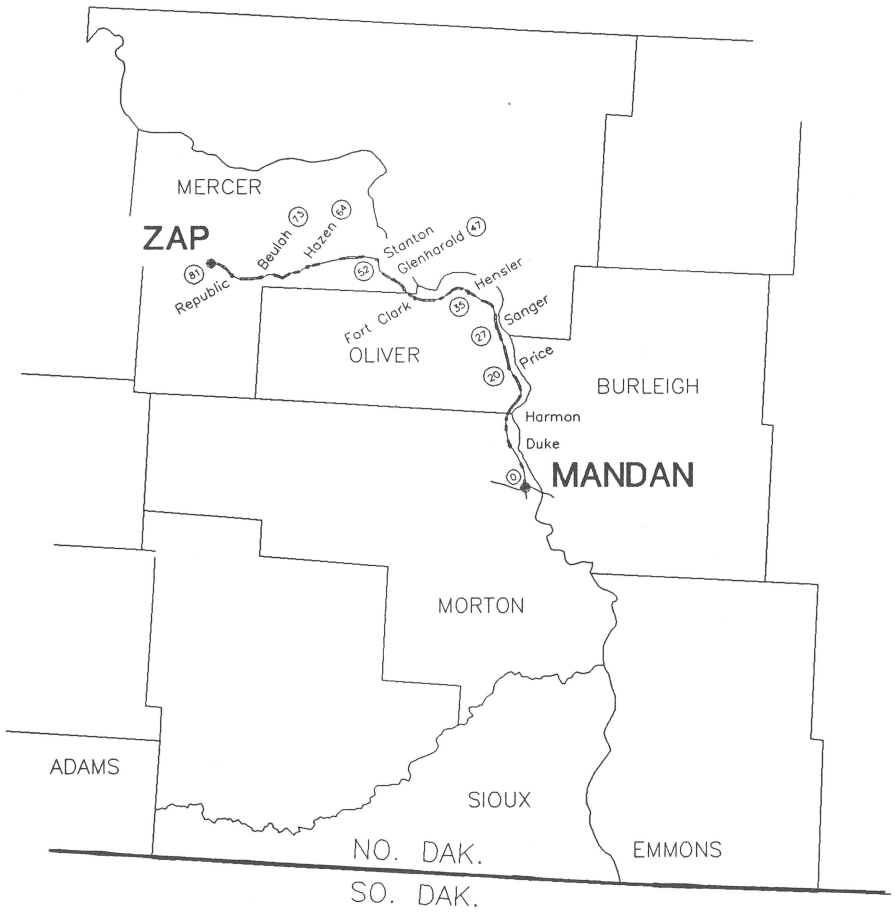


(STD-TCAD) JUNE 29,1993

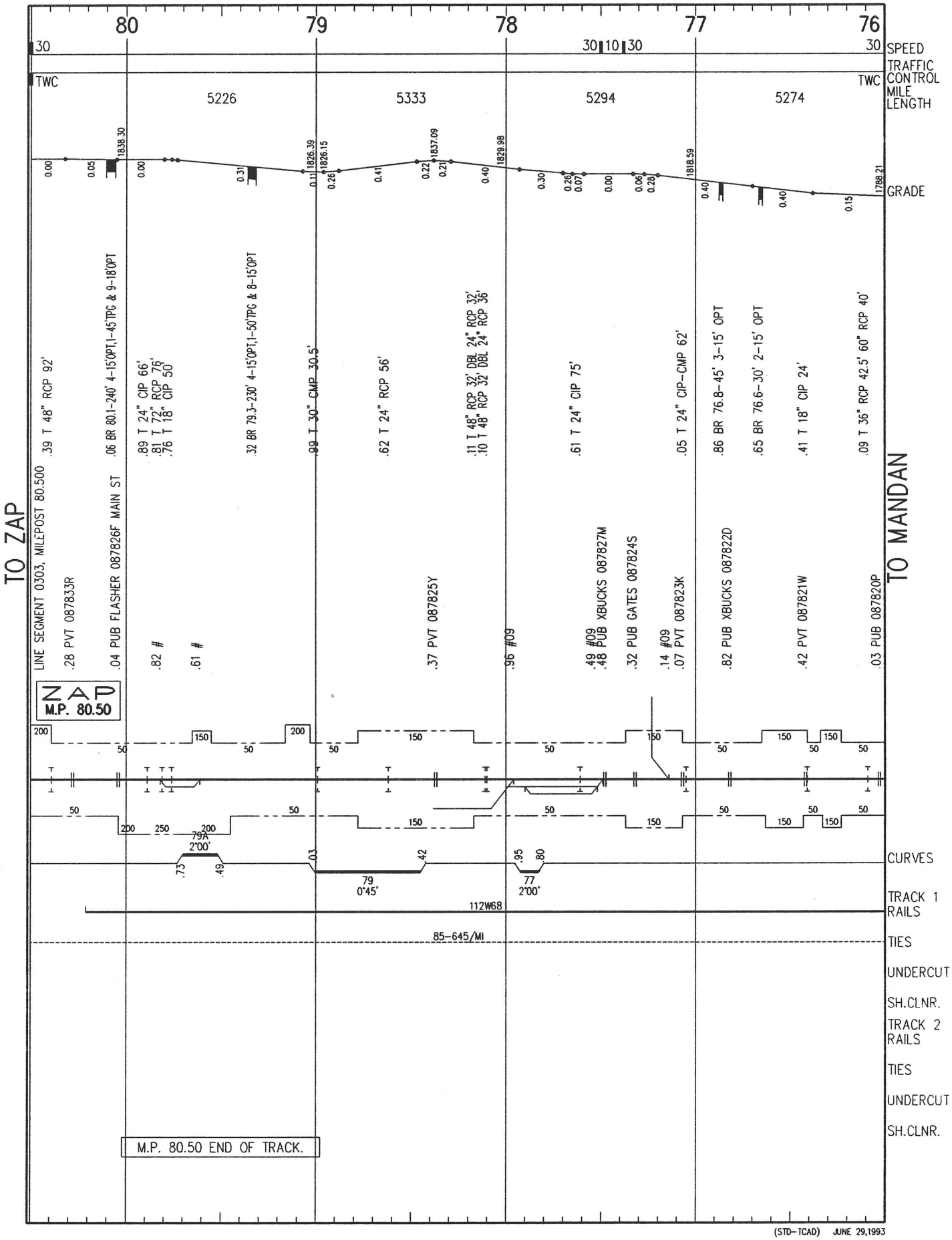
BURLINGTON NORTHERN
YELLOWSTONE DIVISION

ZAP LINE SUBDIVISION





YEL-ZAP LS 0303 Page 001



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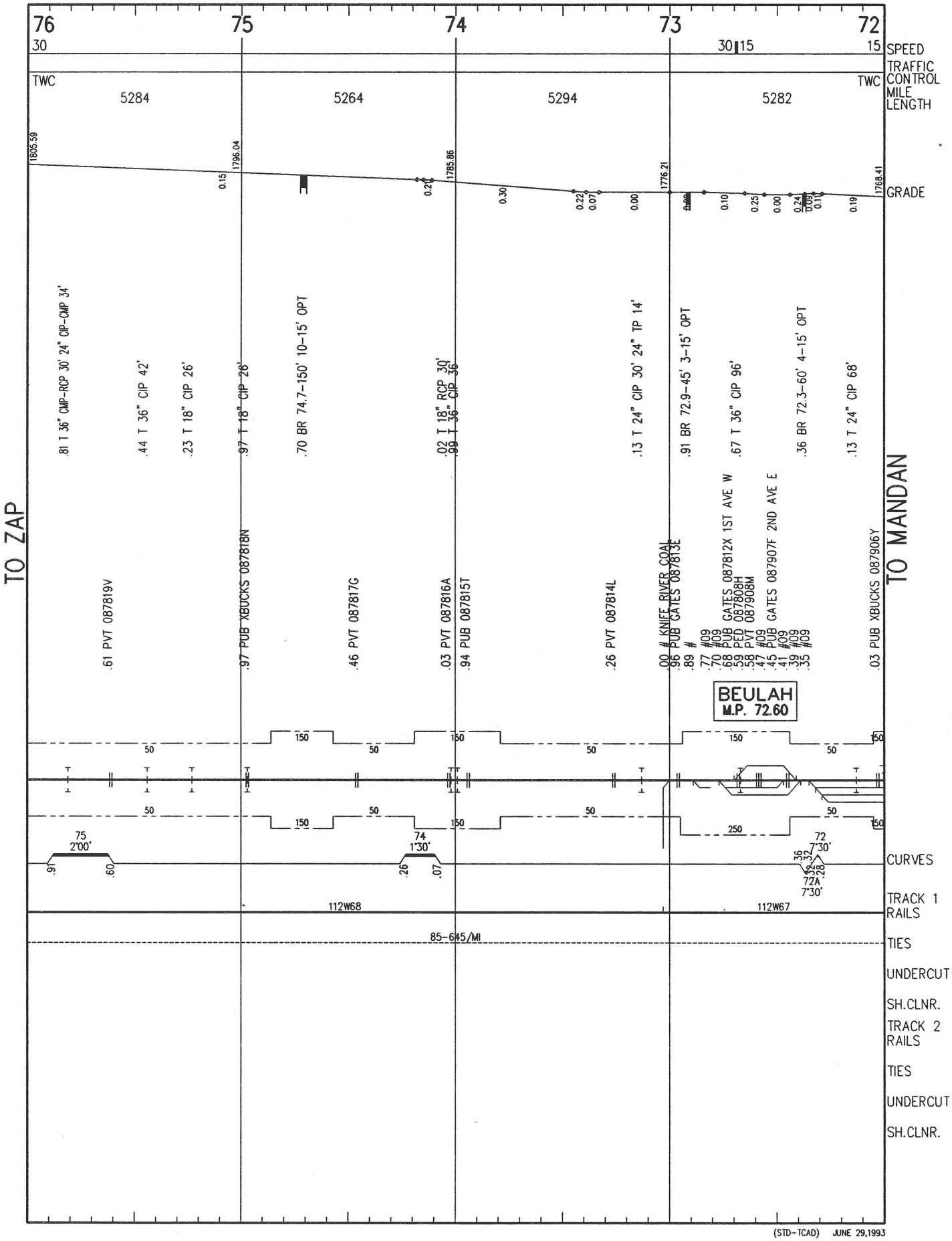

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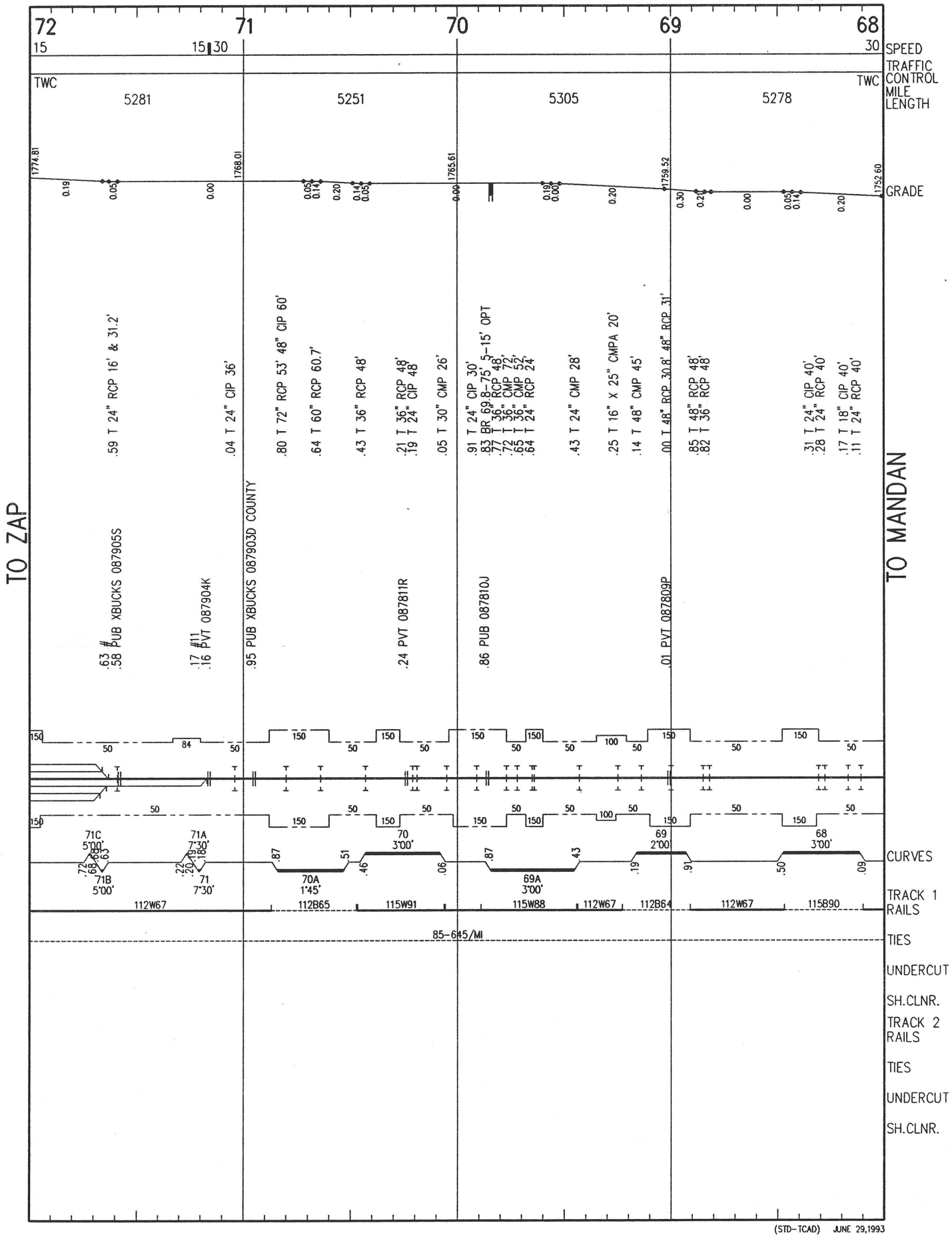

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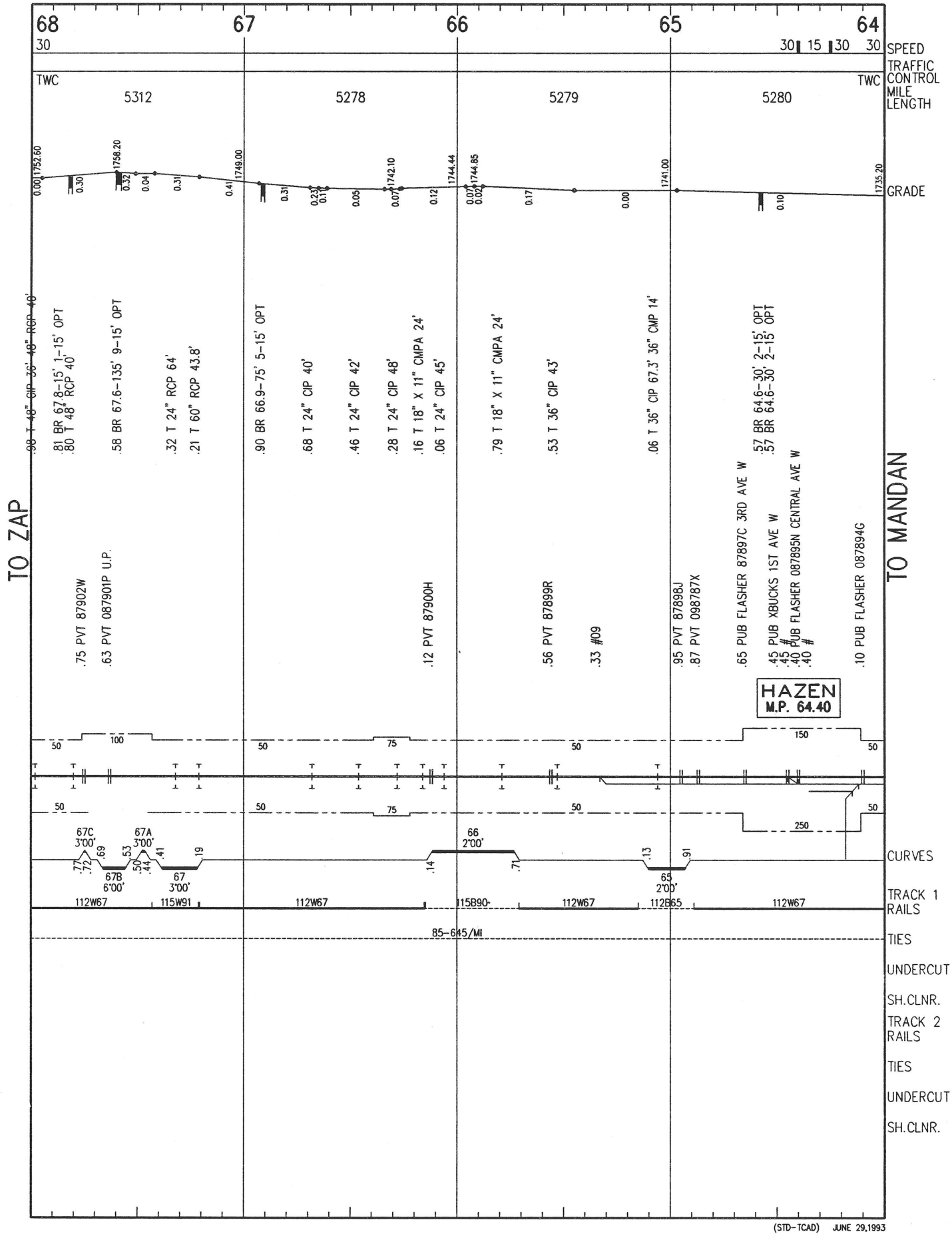

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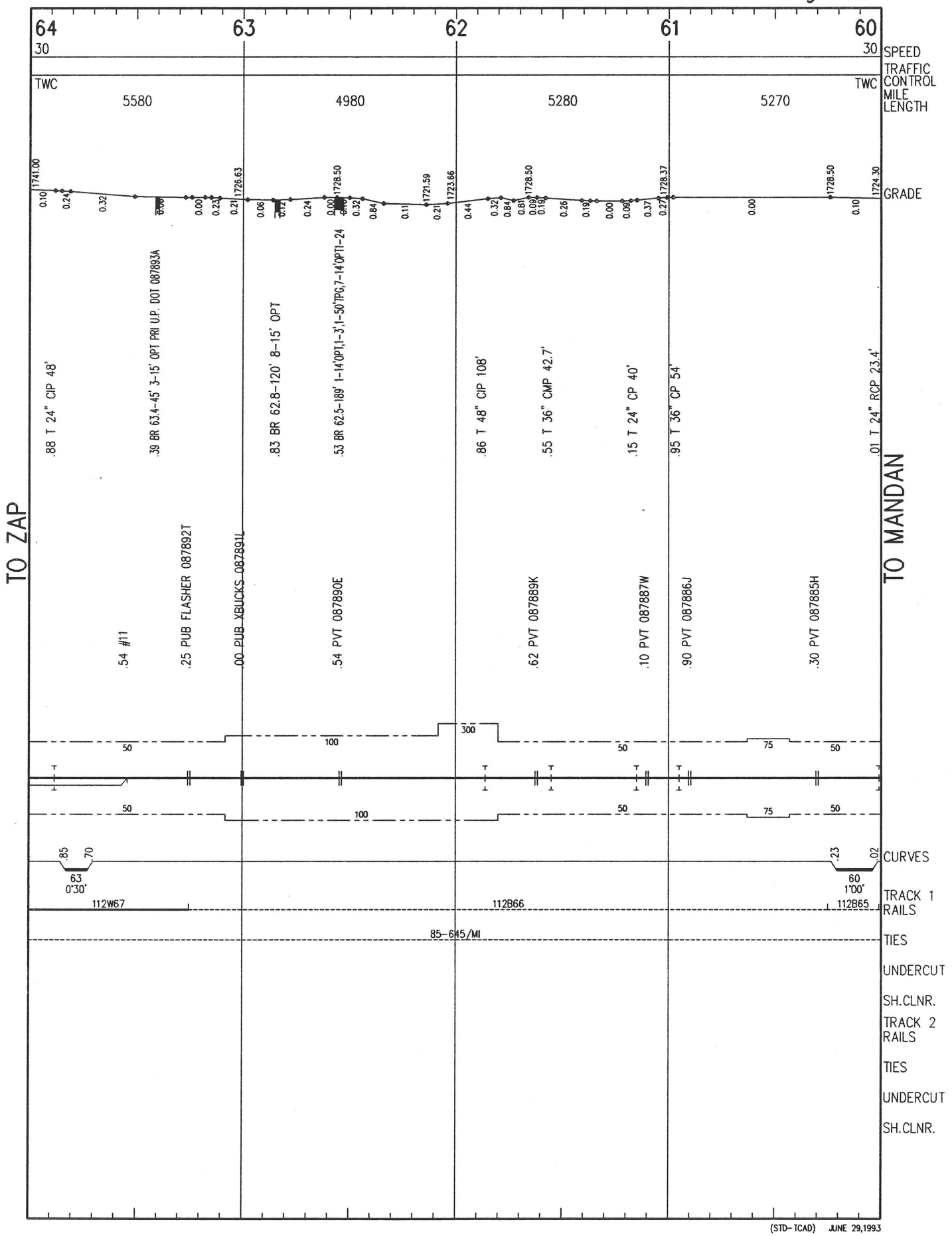

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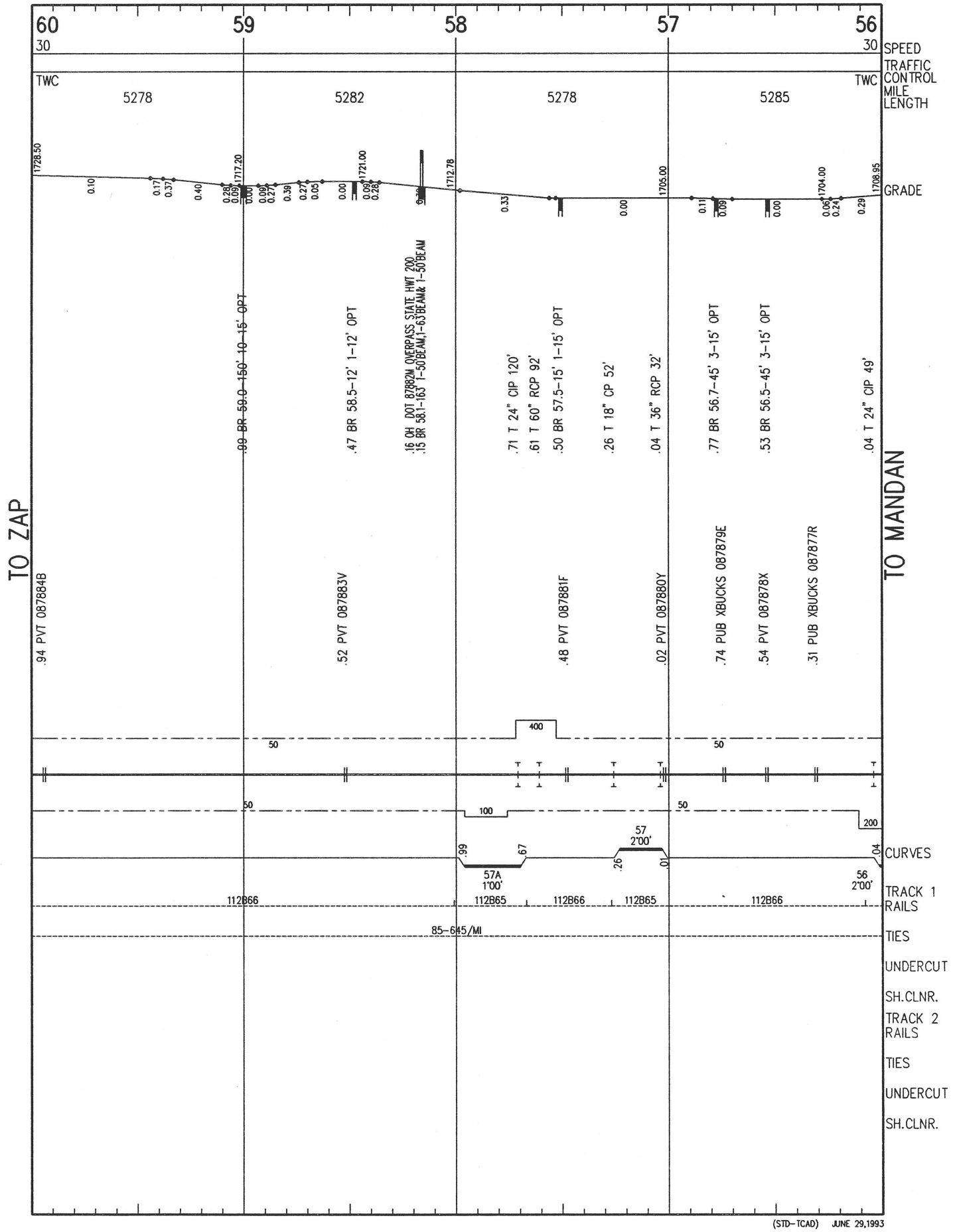

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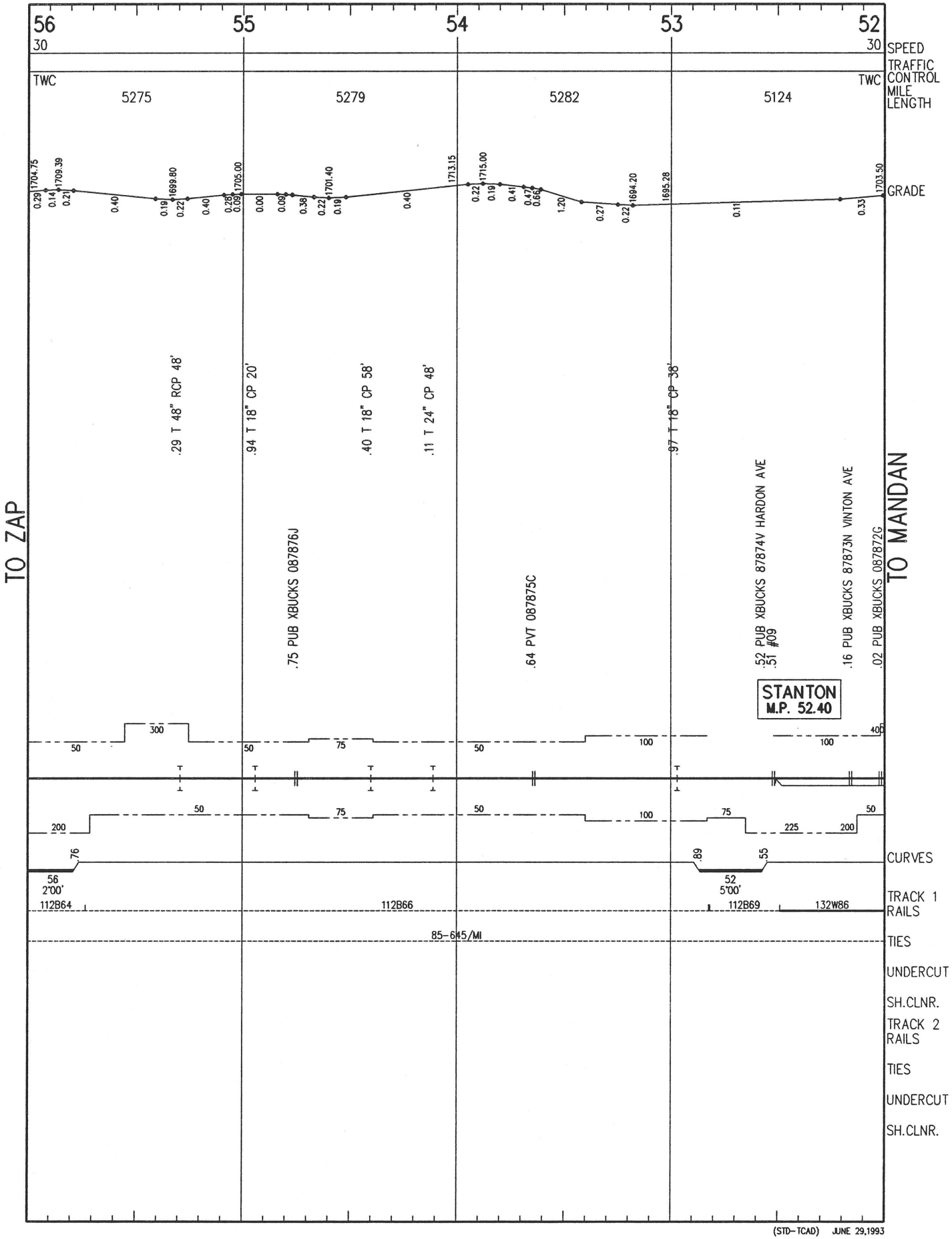

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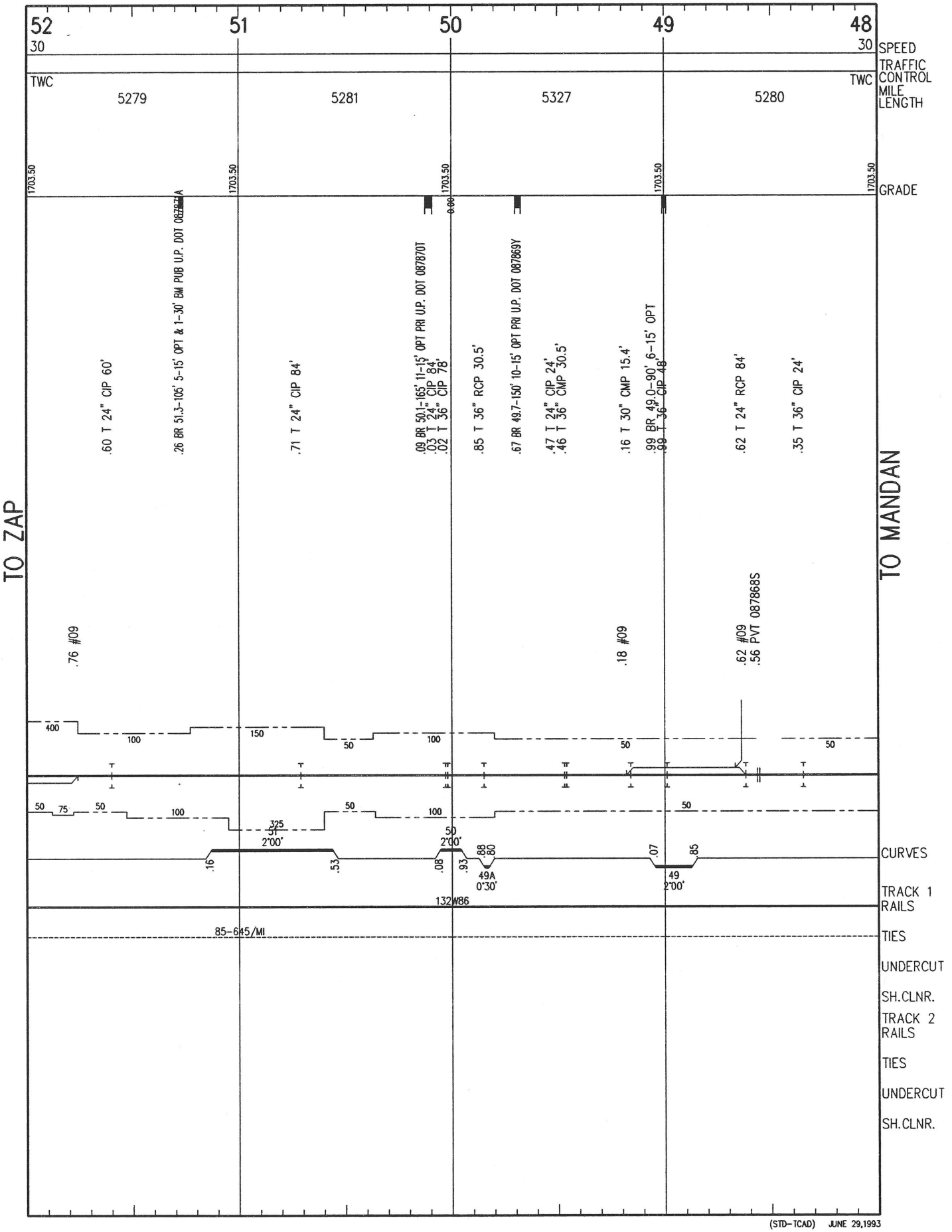

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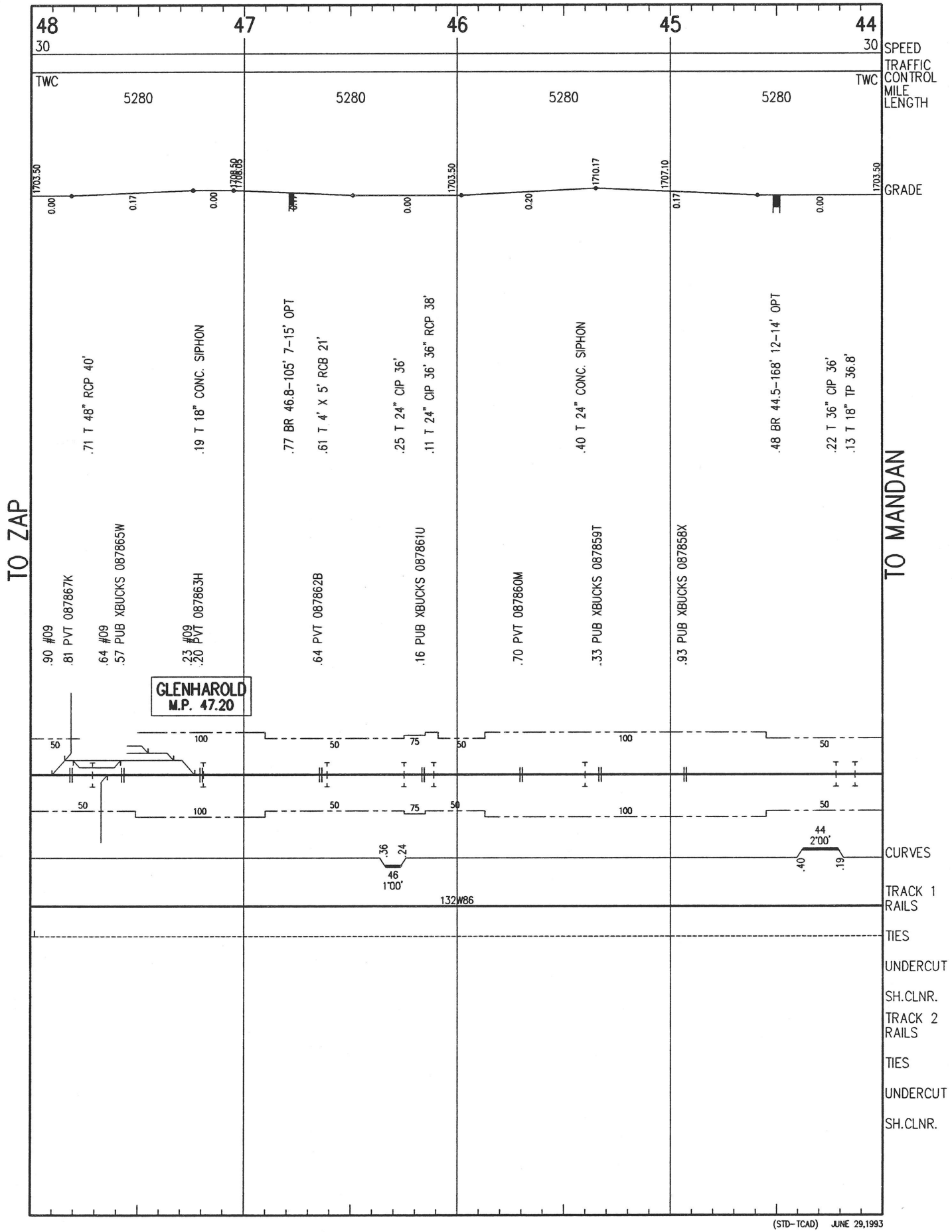

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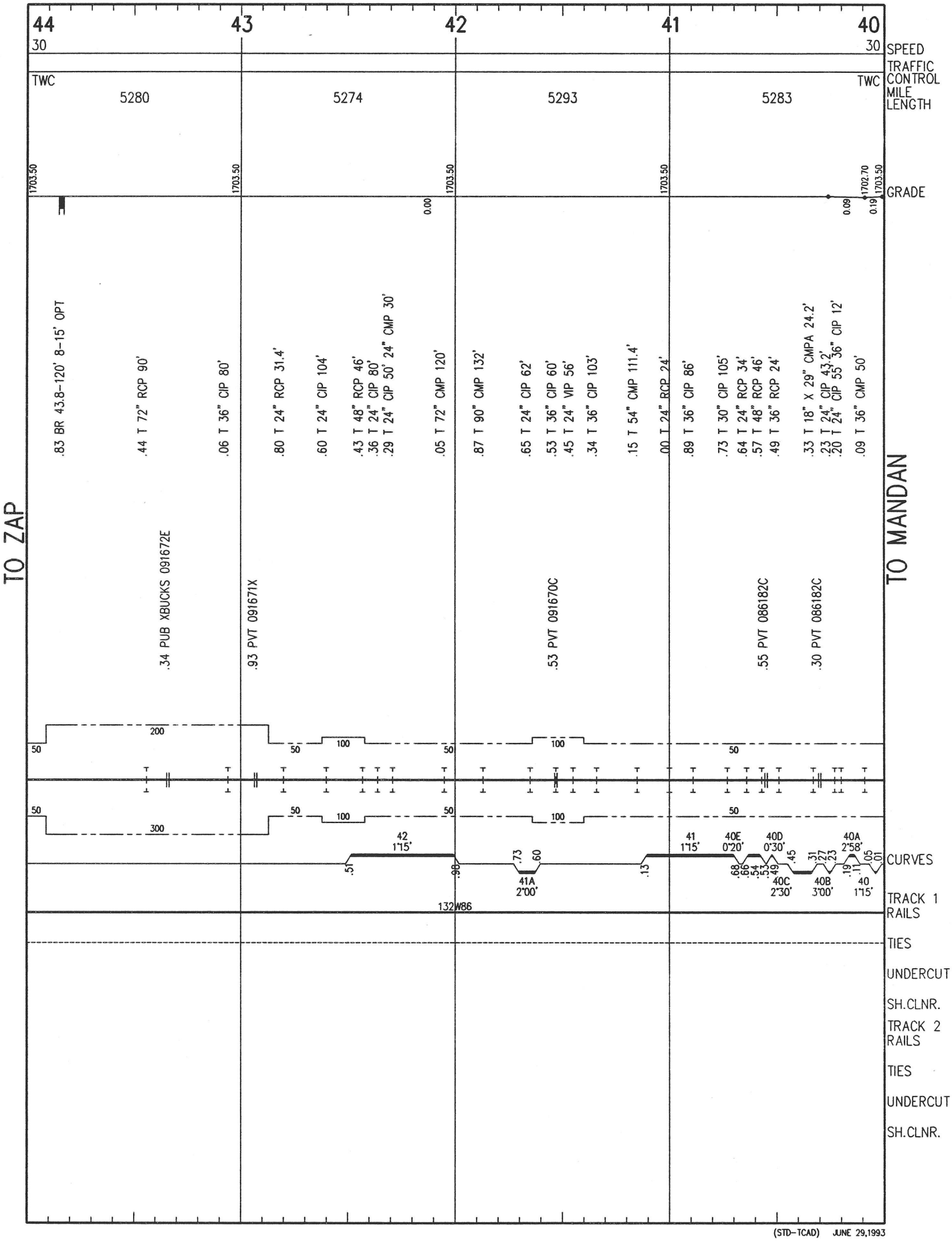

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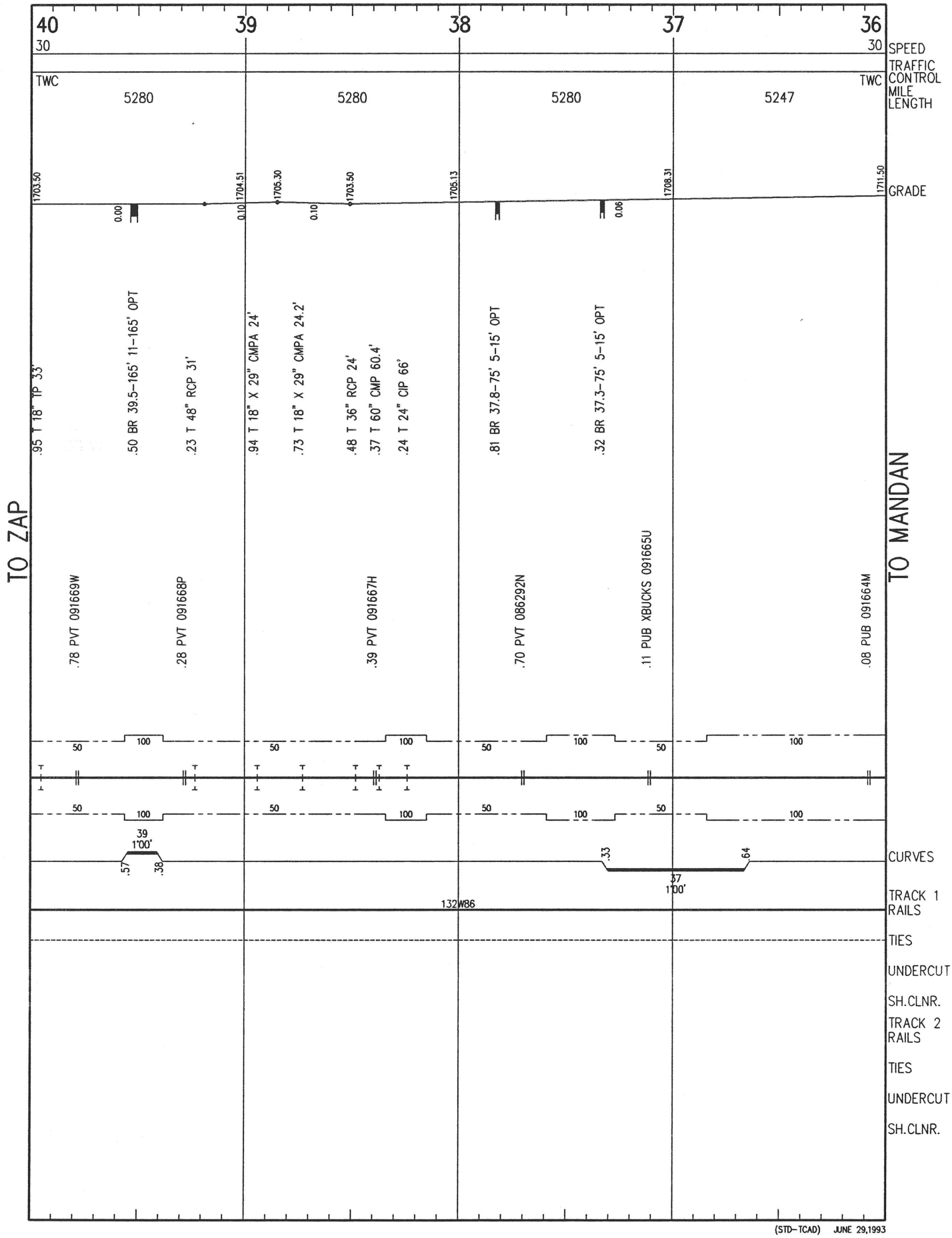

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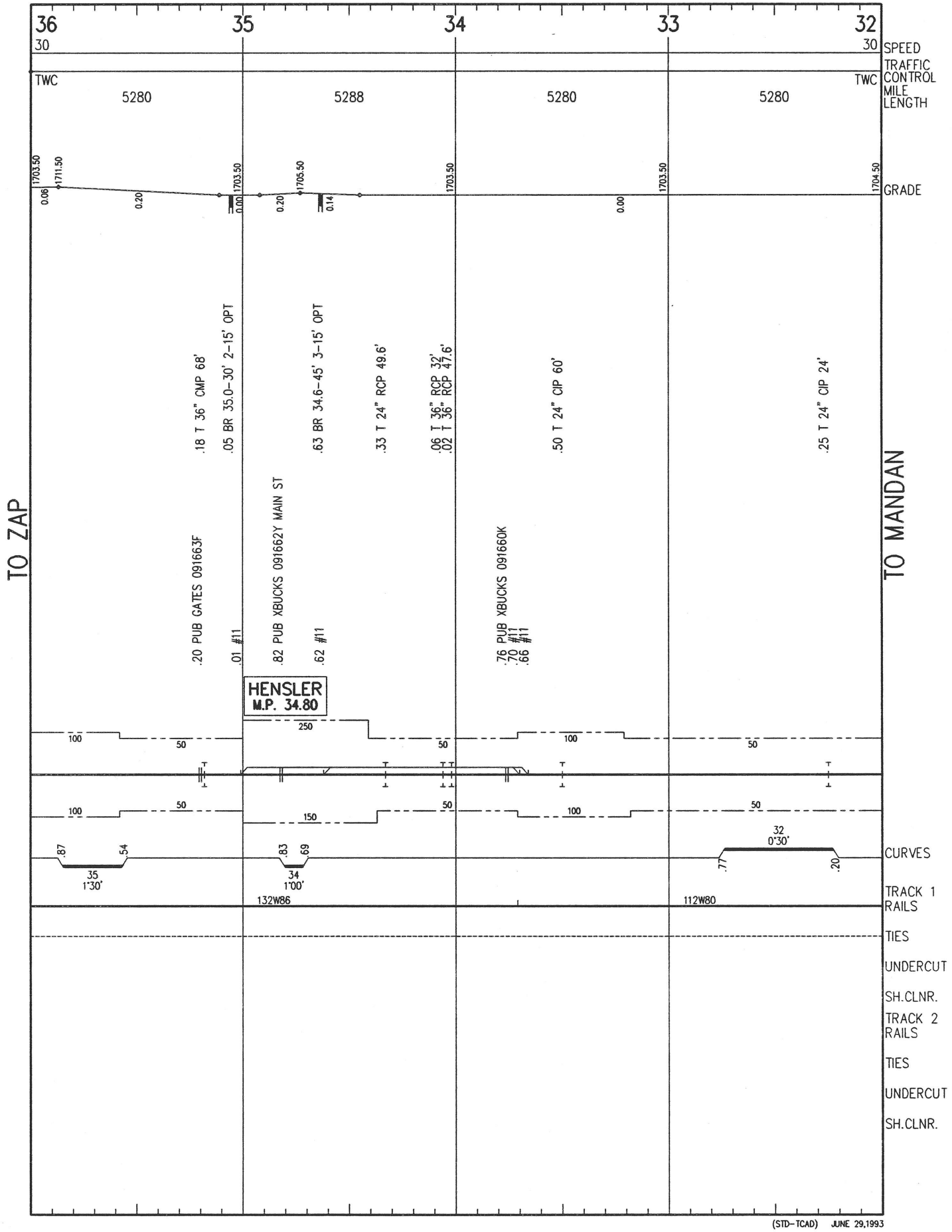

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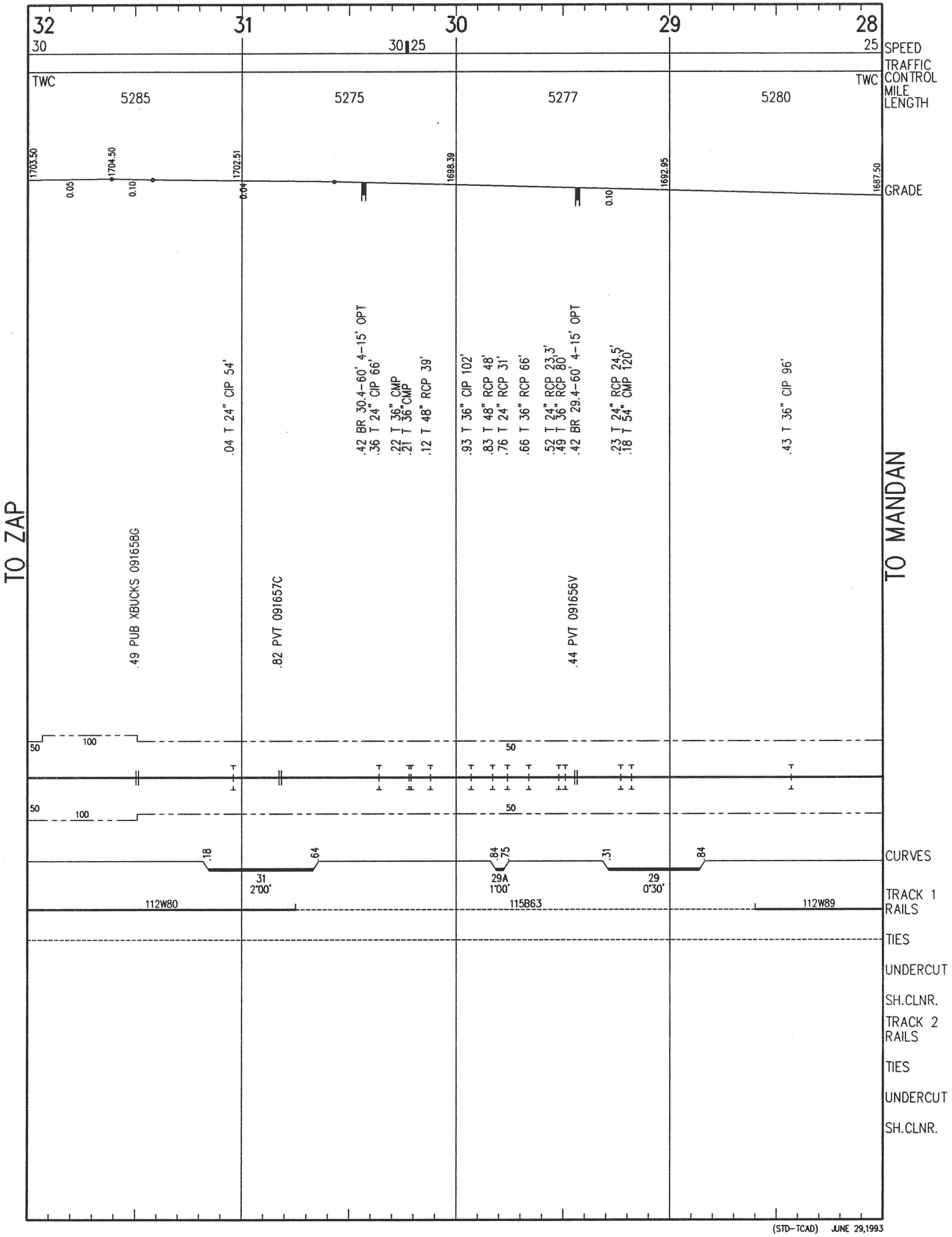

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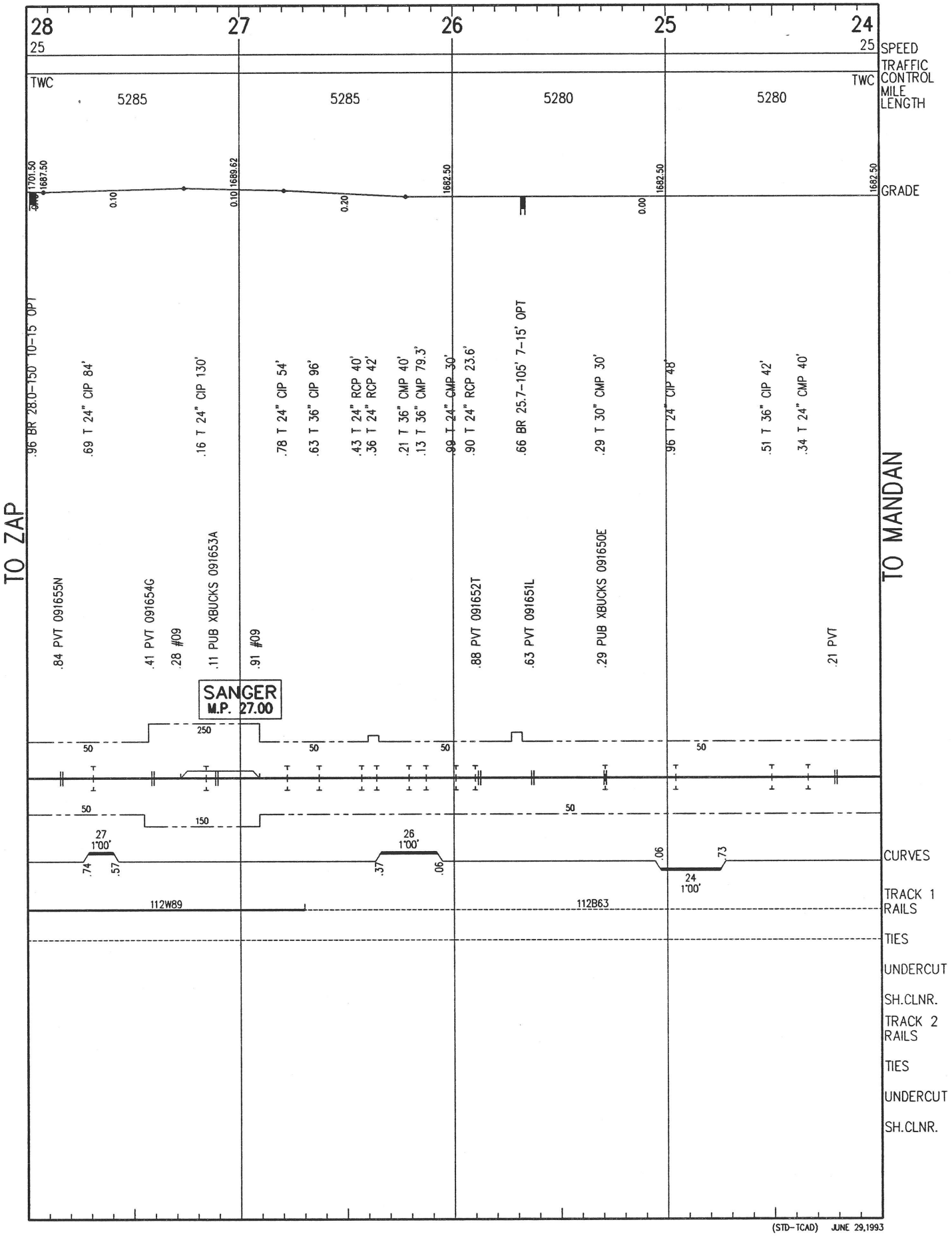

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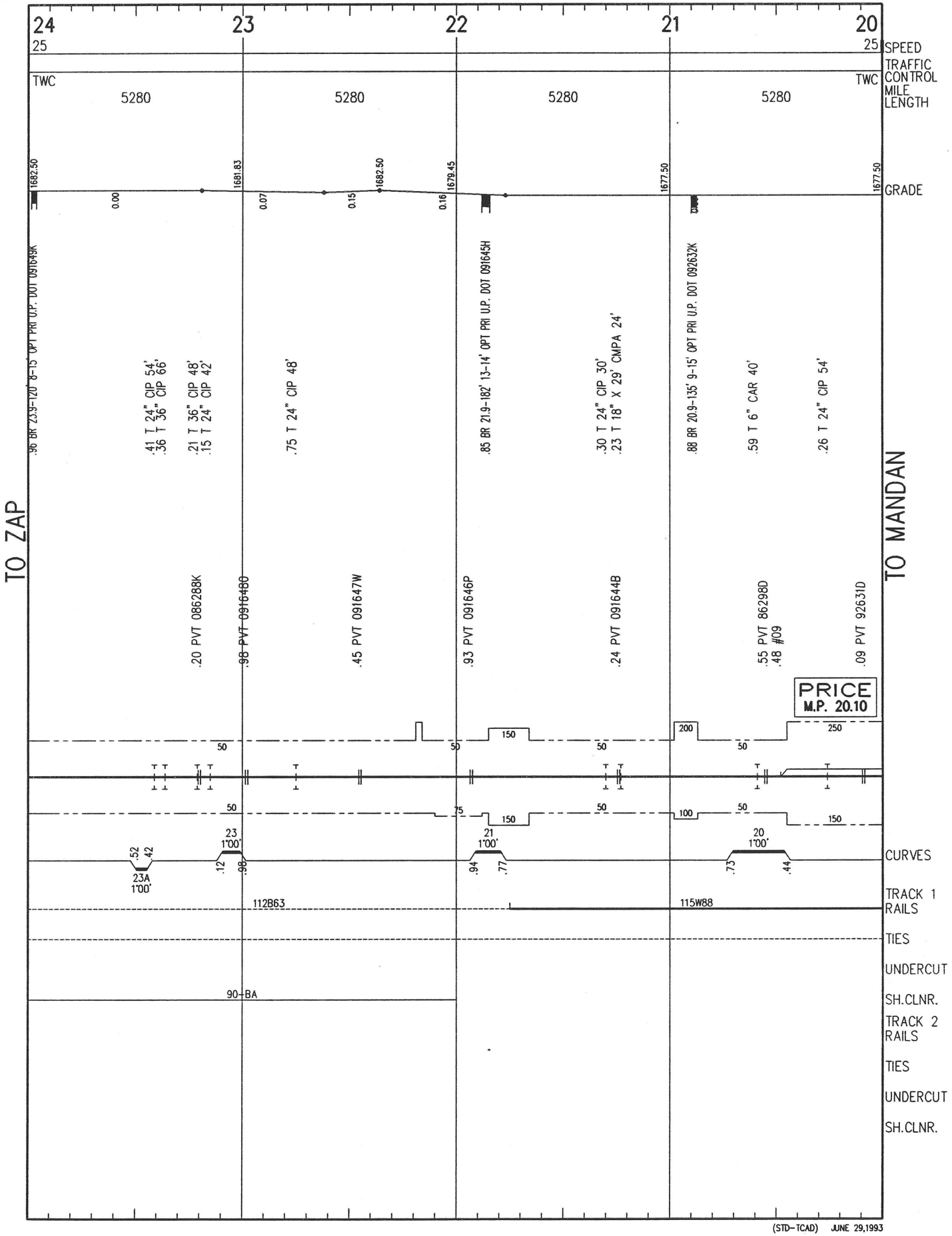

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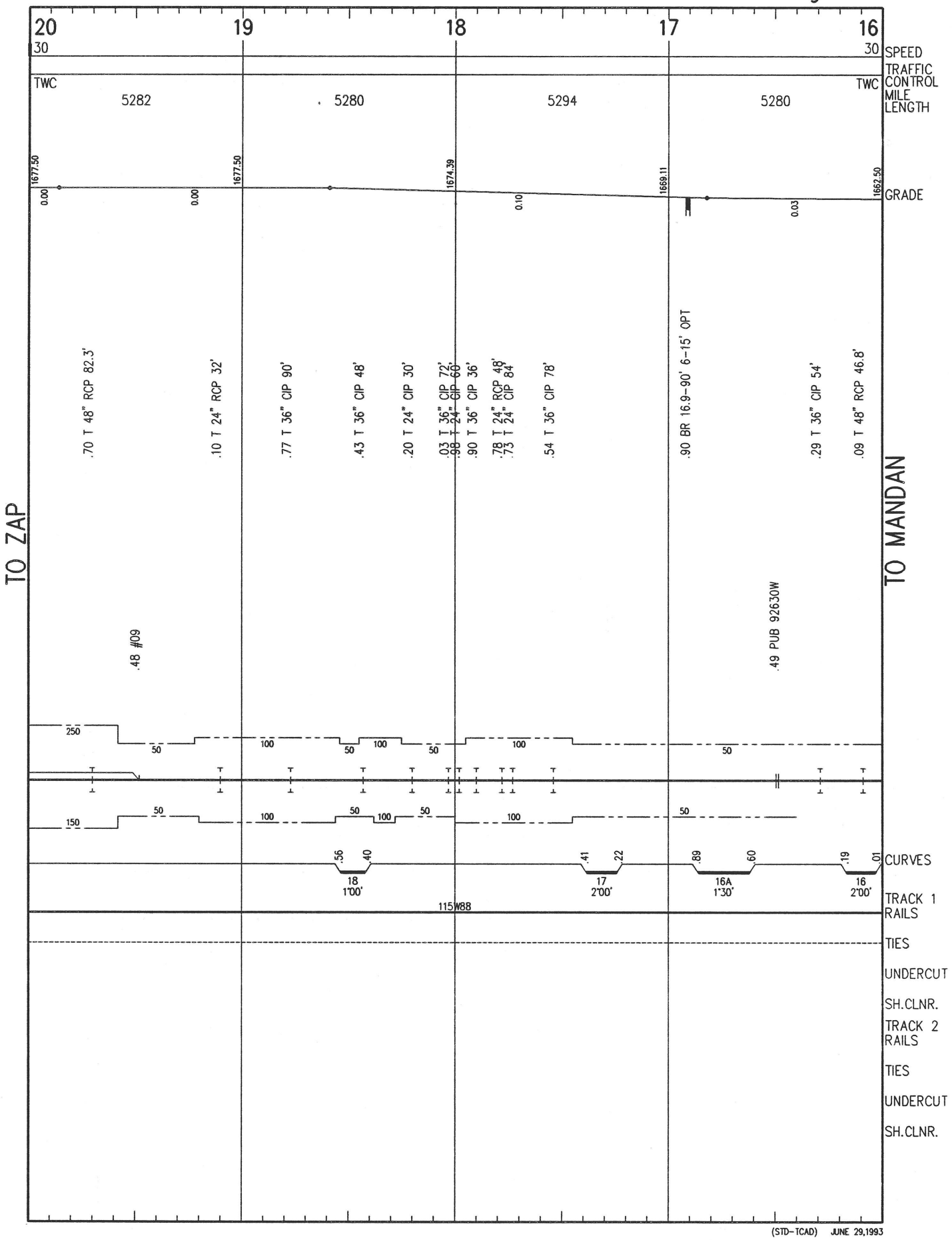

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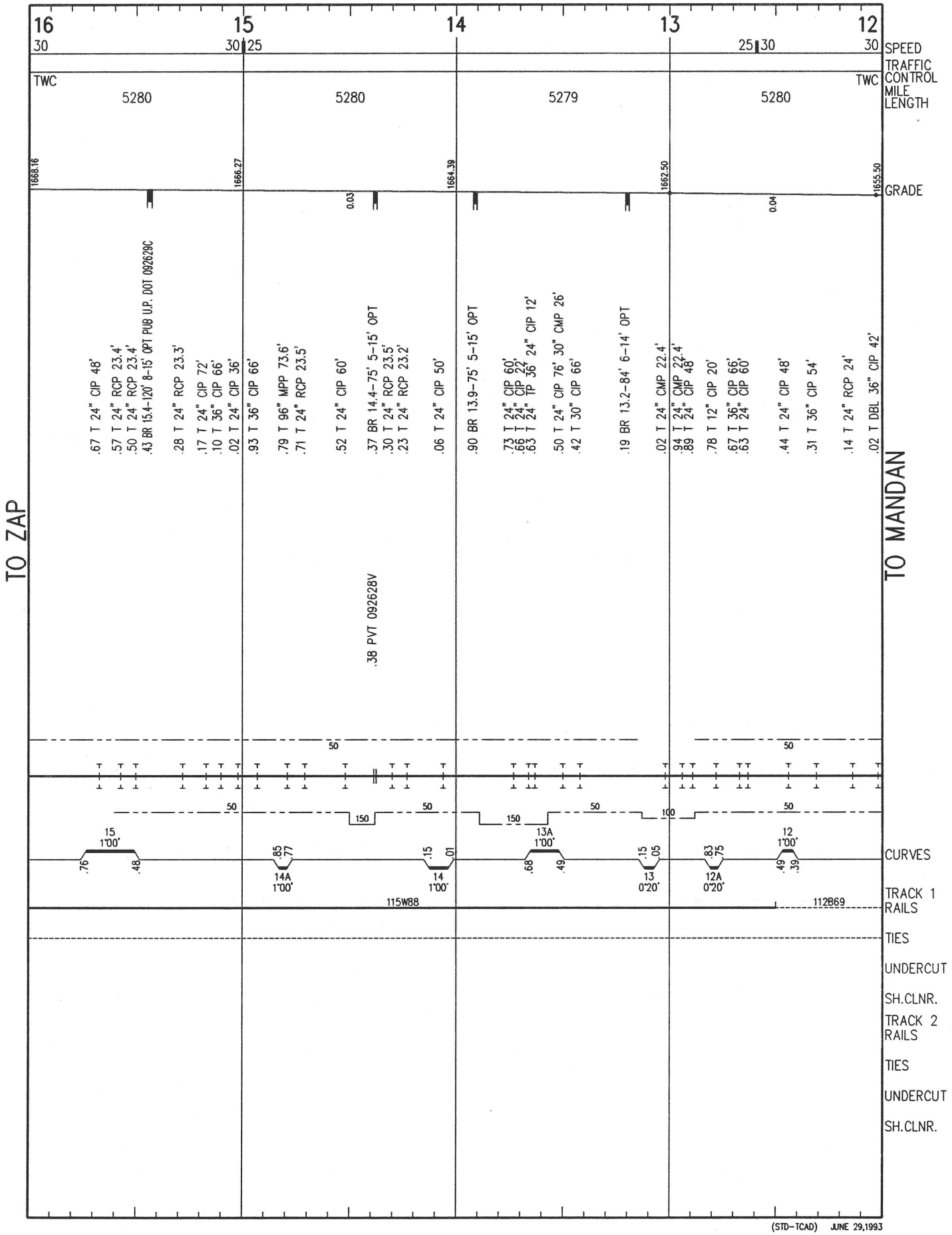

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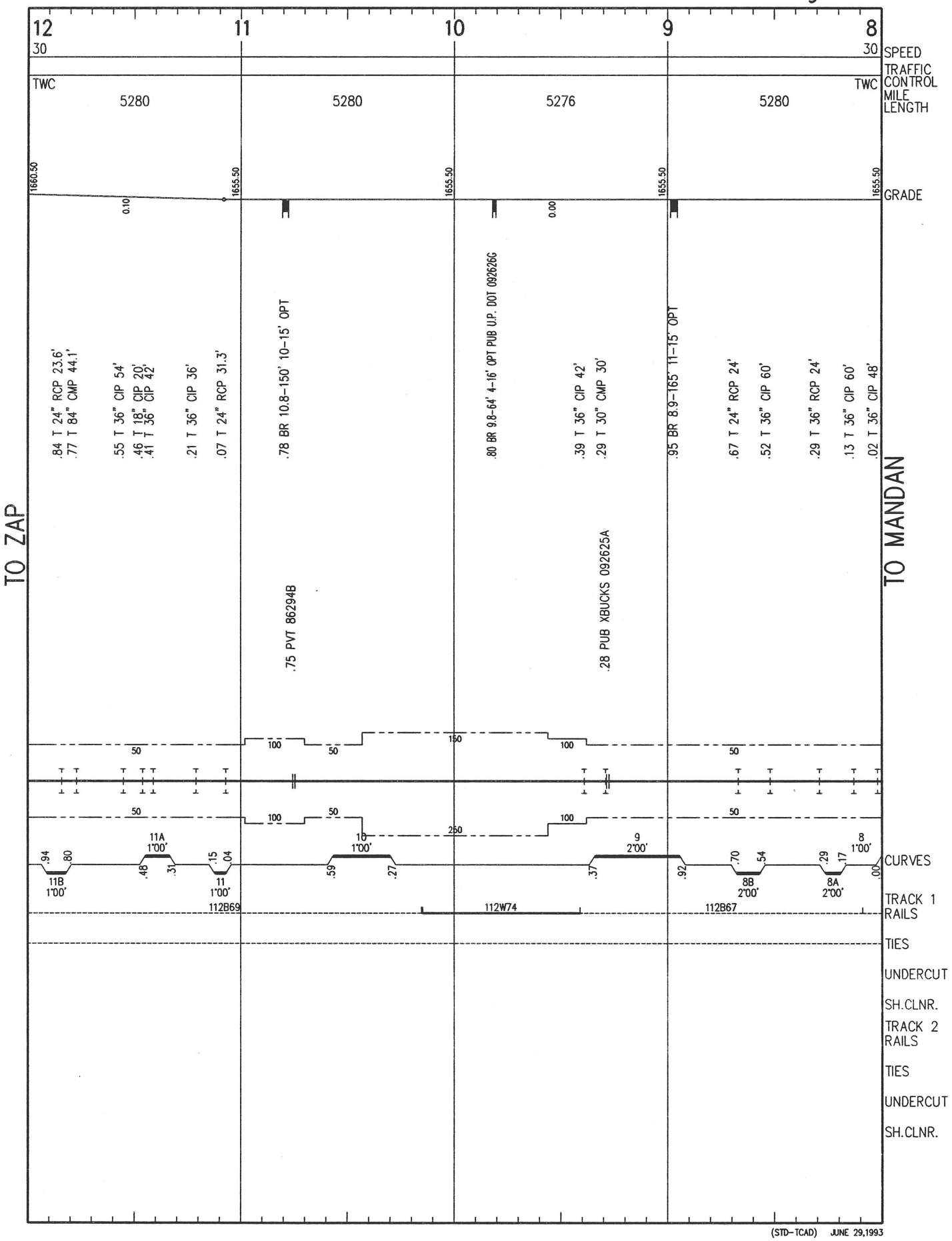

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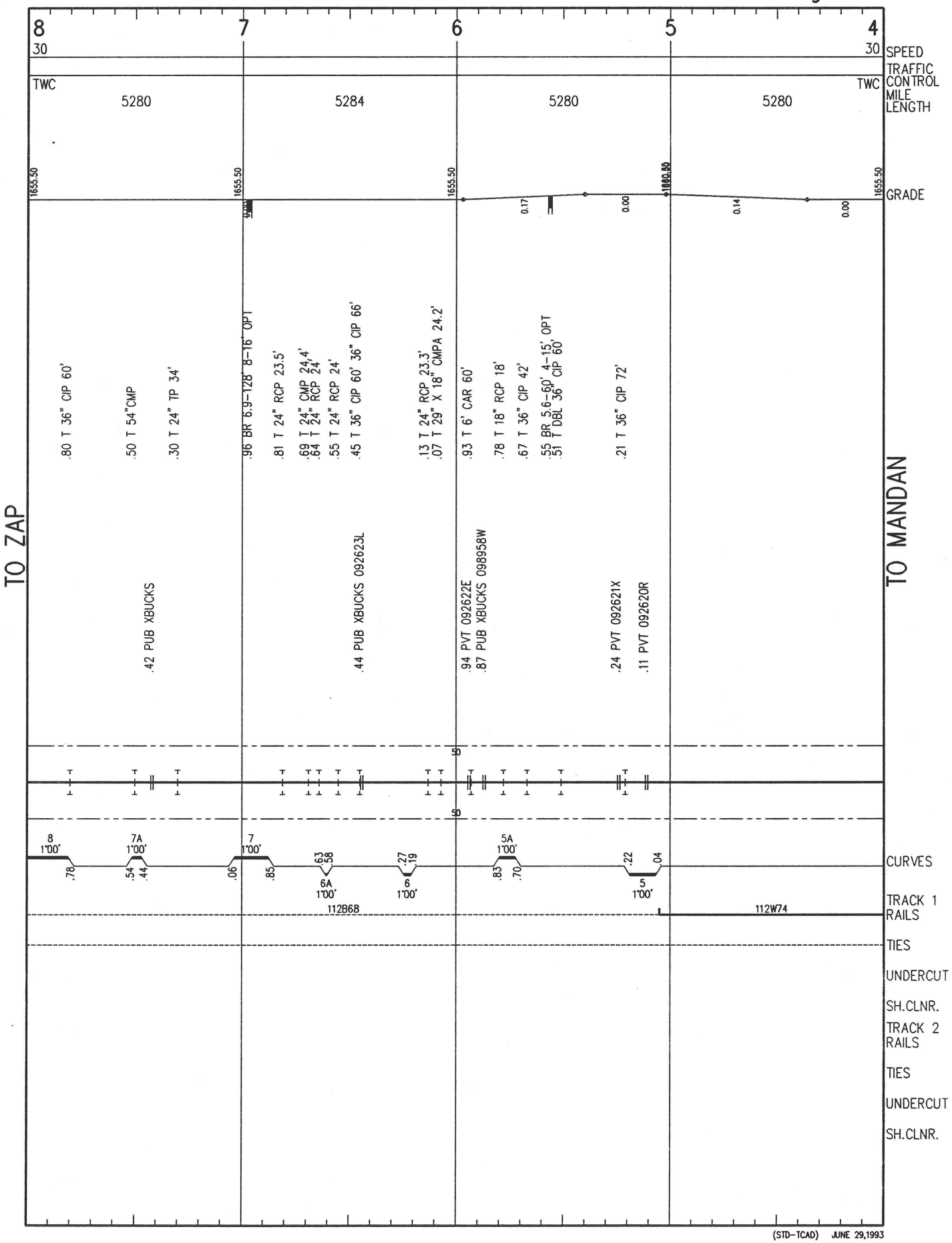

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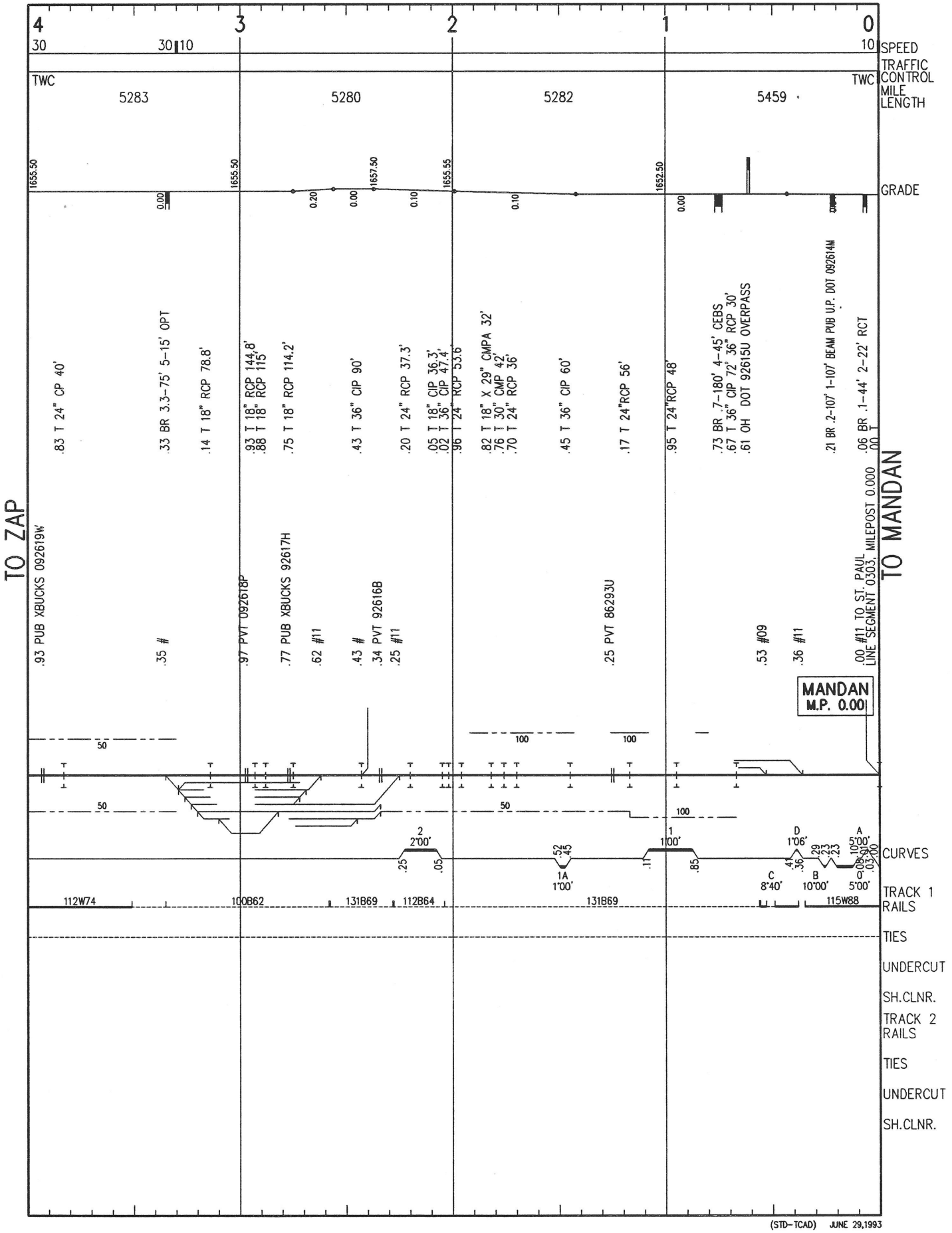

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