FED. ROAD DIST. NO.	STATE		SEC	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	1703	MPLS-ST.PAUL MPHT 0098		95	3	17

PLAN — SURVEYED / DRAWN / NOTE BOOK / NO. — ALIGNMENT CHECKED / RT OF WAY CHECKED — DATE / BY

Sta. 299+00 to Sta. 300+00 Cl and Gr. 2 Trees

Sta. 310+00 to 315+00 Cl. and Gr. 10 Trees

P.I. 314+00.4
Δ R 90°50'
D 29°
R 199.7
T 202.5
L 313.2

T.106N R.11W — Section 31/32 — T.105N R.11W

Stone Mon.

P.I. 256+17.7
Δ L 0°54'

Farmyard

F.E. 263+47 L
Inpl. 12"x 20' C.M.
Remove
pl. 15"x 24' C.M.

P.O.T. 269+49.4

Cultivated

F.E. 280+95 L
No Culv. Req'd.

Cultivated

F.E. 287+72 L
Inpl. 12"x 20' C.M.
Remove
Pl. 15"x 24' C.M.

Cultivated

P.O.T. 292+98.5

F.E. 294+35
Inpl. 12"x 20' C.M.
Replace
pl. 15"x 24' C.M.

F.E. 306+58 L
Inpl. 18"x 20' C.M.
Replace
Pl. 18"x 4' C.M. Ext.

pasture

Farmyard

F.E. 309+17 L
Inpl. 18"x 20' C.M.
Replace
Pl. 18"x 4' C.M. Ext.

Sta. 264+89
Inpl. 18"x 30' C.M.
Replace

Cultivated

F.E. 274+45 R
Inpl. 12"x 20' C.M.
Remove
pl. 15"x 24' C.M.

Sta. 279+75
Inpl. 18"x 30' C.M.
Remove
pl. 18"x 32' C.M.

Sta. 285+51
Inpl. 18"x 30' C.M.
Replace

F.E. 287+56 R
Inpl. 12"x 20' C.M.
Remove
pl. 15"x 24' C.M.

Cultivated

Sta. 312+06
Inpl. W 6'x 2H x 23L
Conc. Box Culv.
Remove
Pl. 2-30"x 38' C.M.

PT. 315+11.1

Stone Mon.

Cultivated

BM Elev. 798.02
Spike in Maple Tree
82' Lft Sta 263+16

BM Elev. 793.09
Top of State 53 R Sta 288+00

BM Elev. 795.80
Spike in PP 32' L Sta 300+13

BM Elev. 793.63
Spike in PP 32' NW of PI.

MILE ONE
Sta. 261+00 to Sta. 316+00

Estimated Quantities

Cl Trees	12 Trees
Gr. Trees	12 Trees
Exc. Earth	8223 C.Y.
Exc. Loose Rock	263 C.Y.
Exc. Solid Rock	263 C.Y.
Exc. Overhaul	781 C.Y.

C.M. Culverts to be furnished and installed by the County

15"	120 Lin. Ft.
18"	40 Lin. Ft.

C.M. Culverts to be salvaged and replaced by the Contractor

18"	100 Lin. Ft.

100' VC Pl. 1.8 — E 490 E 391 — F.E. 263+47 L Inpl. 12"x 20' C.M. Remove pl. 15"x 24' C.M. — In 947 Out 940 — E 1096 (E 1032 T.R. 48 S.R. 48) F 901 H 38 — 200' VC Pl. 2.5 — F.E. 274+45 R Inpl. 12"x 20' C.M. Remove pl. 15"x 24' C.M. — 3' Ditch 3:1 Back Slope Right and Left — E 1744 (E 1678 T.R. 82 S.R. 114) F 1407 H 338 — 200' VC Pl. 2.5 — F.E. 279+75 Inpl. 18"x 30' C.M. Remove pl. 18"x 32' C.M. — In 923 Out 920 — E 975 F 796 — E 603 F 665 — 200' VC Pl. 2.5 — F.E. 285+51 Inpl. 18"x 30' C.M. Replace — In 895 Out 890 — F.E. 287+56 R Inpl. 12"x 20' C.M. Remove pl. 15"x 24' C.M. — 300' VC Pl. 1.69 — E 1359 (E 1228 T.R. 82 S.R. 65) E 1109 H 346 — 3' Ditch 3:1 Back Slope Right and Left — 200' VC Pl. 2.29 — E 1089 (E 1011 T.R. 39 S.R. 39) F 901 H 48 — F 923 (E 815 T.R. 24 S.R. 78) F 757 H 17 — 200' VC Pl. 2.5 — E 776 F 633 — In 787 Out 785 — 100' VC Pl. 2.0 — F.E. 312+06 Inpl. W 6'x 2H x 23L Conc. Box Culv. Remove Pl. 2-30"x 38' C.M. — In 776 Out 774

P.I. 339+46.6
Δ L 1°01'

Township Road
No Culvert

Sta. 339+46 L

Sta. 356+50 Cl. and Gr. 1 Tree

Sta. 361+71
Drain Tile crosses road

Sta. 312+06
Inpl. W 6'x 2H x 23L
Conc. Box Culv.
Remove
Pl. 2-30"x 38' C.M.

PT. 311+97.9

Cultivated

Sta. 323+73
Inpl. 18"x 30" C.M.
Replace
pl. 18"x 4' C.M. Ext.

F.E. 318+38 L
Inpl. 12"x 20' C.M.
Remove
pl. 15"x 24' C.M.

Farmyard

POT 319+77.7

POT 331+57.1

Cultivated

F.E. 328+22 R
Inpl. 12"x 30' C.M.
Remove
pl. 15"x 24' C.M.

Farmyard

Sta. 339+08
Inpl. 18"x 32 C.M.
Replace

Sta. 342+40
Inpl. 18"x 32' C.M.
Remove
pl. 18"x 34' C.M.

pasture

Cultivated

POT 346+31.0

Sta. 351+47
pl. W 64 x 34"
Conc. 28.72 C.Y.
Steel 2466 lbs.
Exc. S.R. 15 c.y.

Farmyard

F.E. 348+30 R
Inpl. 9'x 14'
Clay Tile Culv.
Remove
pl. 15"x 24' C.M.

F.E. 349+95 R
Inpl. 12"x 20' C.M.
9"x 8" Tile Ext.
Remove
pl. 15"x 24' C.M.

Sta. 351+47
Inpl. 5½'x 5½'x 26
Conc. Box Culv.
Remove

pas.

F.E. 350+58 R
Inpl. 12"x 22' C.M. buried
Remove.
pl. 15"x 24' C.M.

F.E. 351+08 R
No Culv. Inpl.

F.E. 353+24 L
Inpl. 8'x 14'
Tile Culv.
Remove
pl. 15"x 24' C.M.

POT 356+37.2

F.E. 353+52 R
Inpl. 8'x 20' Tile Culv.
Remove
pl. 15"x 24' C.M.

Farmyard

F.E. 355+69 R
No Culv.
pl 15"x 30' C.M.

F.E. 357+88 L
Inpl. 8'x 22' Tile Culv.
Remove
pl. 15"x 28' C.M.

Cultivated

F.E. 364+38 L
Inpl. 12"x 22' C.M.
Remove
Repl. 18"x 24' C.M.
from Sta. 342+40

Cultivated

Sta. 362+38
24"x 32' C.M.
Remove
Pl. 36"x 34' C.M.

BM Elev. 773.65
Spike in PP 32' NW of PI.

BM Elev. 768.15
Spike in Pine Tree
51' Right Sta 328+34

BM Elev. 761.93
Spike in T.P. 37' R. Sta. 339+20

BM Elev. 734.48
X in West end N. Head Culv.
Sta. 351+47

BM Elev. 736.38
Spike in PP 50' R. Sta 365+80

MILE TWO
Sta. 316+00 to Sta. 366+70

Estimated Quantities

Cl Trees	1 Tree
Gr Trees	1 Tree
Exc. Earth	9976 C.Y.
Exc. Loose Rock	318 C.Y.
Exc. Solid Rock	318 C.Y.
Exc. Overhaul	15408 C.Y.S.

C.M. Culverts to be furnished and installed by the County

15"	226 Lin. Ft.
18"	38 Lin. Ft.
30"	76 Lin. Ft.
36"	34 Lin. Ft.

C.M. Culverts to be salvaged and replaced by the Contractor

18"	86 Lin. Ft.
Pl. 1-W Culvert	
Conc	28.72 C.Y.
Steel	2466 lb.
Exc. S.R.	15 C.Y.
Remove 2 Conc. Box Culv.	

400' VC Pl. 1.8 — E 1616 (E 1484 T.R. 97 S.R. 97) F 1340 H 569 — 3' Ditch 5:1 Back Slope 30' R — 400' VC Pl. 1.325 — F.E. 318+38 L Inpl. 12"x 20' C.M. Remove pl. 15"x 24' C.M. — In 787 Out 780 — E 621 F 501 — 3' Ditch 2:1 Back Slope 30' R — 400' VC Pl. 1.8 — F.E. 323+73 Inpl. 18"x 30" C.M. Replace pl. 18"x 4' C.M. Ext. — E 779 F 634 — 3' Ditch 30 Back Slope Rt. — 700' VC Pl. 1.39 — F.E. 328+22 R Inpl. 12"x 30' C.M. Remove pl. 15"x 24' C.M. — In 768 Out 760 — 400' VC Pl. 1.21 — F.E. 339+08 Inpl. 18"x 32 C.M. Replace — In 718 Out 710 — 3' Ditch 32' Back Slope Right and Left — F.E. 342+40 Inpl. 18"x 32' C.M. Remove pl. 18"x 34' C.M. — In 640 Outlet — 300' VC Pl. 1.35 — E 3057 (E 2687 T.R. 113 S.R. 113) E 2517 H 1001.8 — 2 Ditch 30 Back Slope Rt. — 400' VC Pl. 2.2 — F.E. 348+30 R Inpl. 9'x 14' Clay Tile Culv. Remove pl. 15"x 24' C.M. — F.E. 349+95 R Inpl. 12"x 20' C.M. 9"x 8" Tile Ext. Remove pl. 15"x 24' C.M. — 400' VC Pl. 2.2 — E 1966 (E 1848 T.R. 39 S.R. 39) F 1595 H 927 — In 518 Out 516 — 3' Ditch 32' Back Slope Right and Left — 200' VC Pl. 2.6 — F.E. 353+24 L Inpl. 8'x 14' Tile Culv. Remove pl. 15"x 24' C.M. — F.E. 353+52 R Inpl. 8'x 20' Tile Culv. Remove pl. 15"x 24' C.M. — F 2373 (E 2219 T.R. 97 S.R. 97) F 2111 H 310.8 — 400' VC Pl. 2.6 — In 729 Out 726

PROFILE — SURVEYED / DRAWN / NOTE BOOK / NO. — GRADES CHECKED / R.W.S. NOTED / STRUCTURE NOTATIONS CHECKED — DATE / BY

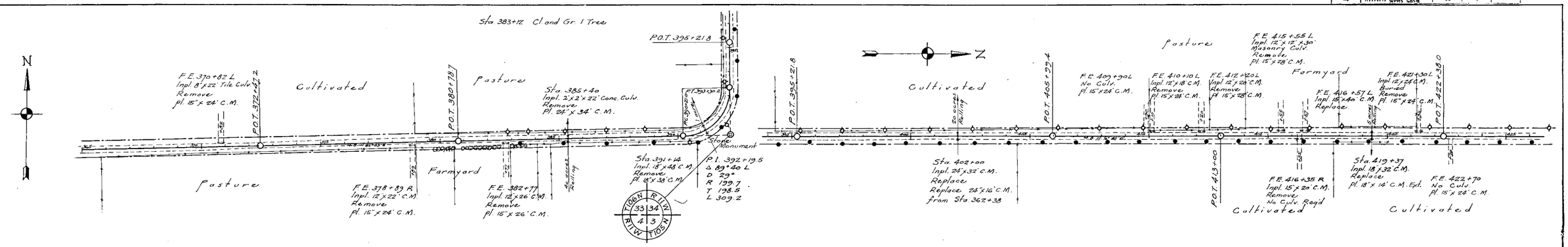
PLATE 1 PLAN-PROFILE C.P.M.R.R.S. STANDARD

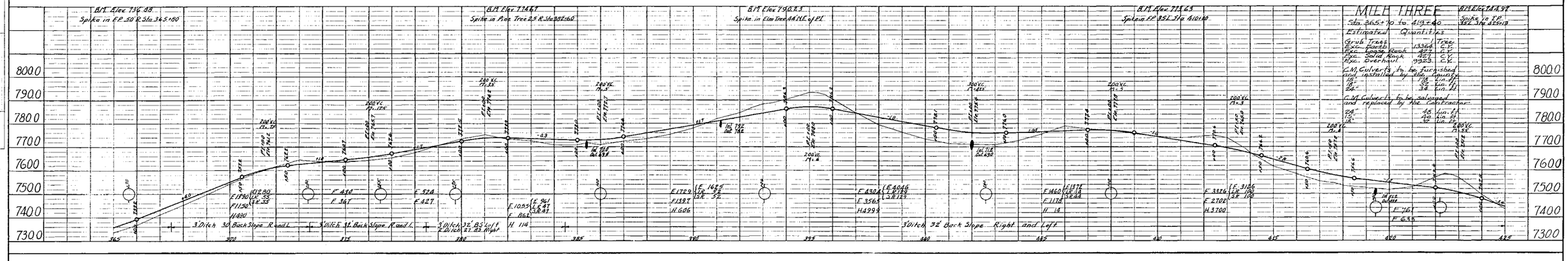
PROJECT Nº 55-01 Olmsted County Minnesota Job No. 3601-A Plan No. 55-179 Sheet No. 3 of 17 Sheets

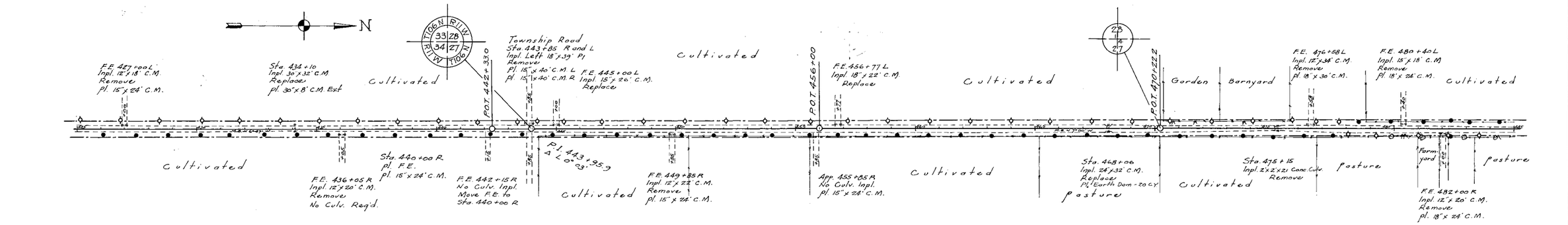
FED. ROAD DIST. NO.	STATE		SEC.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
4	MINN.	WPSS 6814 WPMS 6814		96	4	17

PLAN — SURVEYED / PLOTTED / NOTE BOOK / ALIGNMENT CHECKED / NO. / GRADES CHECKED / STRUCTURE NOS. / CH. CK. / DATE / BY

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / NO. / STRUCTURE NOS. / CH. CK. / DATE / BY







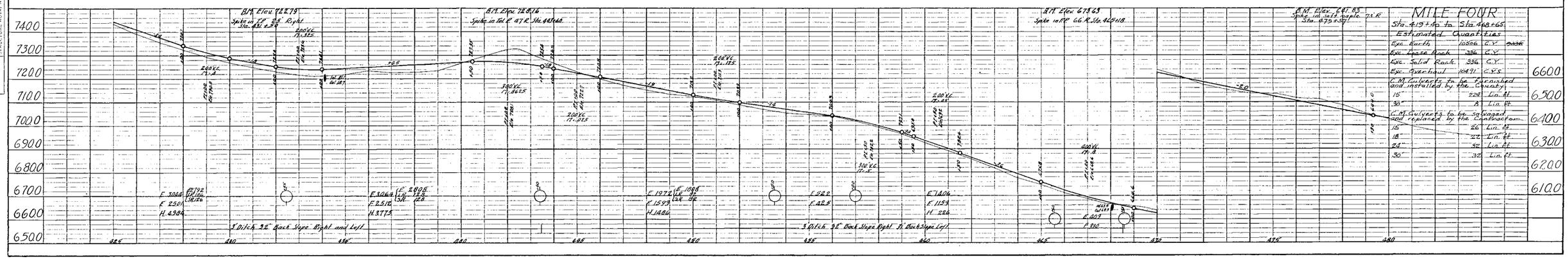


PLATE 1 PLAN PROFILE STANDARD

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