Form 413 Rev. 1959

CONVENTIONAL SIGNS

STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
RIGHT-OF-WAY LINE
PRESENT ROAD R/W LINE
LIMITED ACCESS
PROPERTY LINE (Except Land Lines)
VACATED PLATTED PROPERTY
CORPORATE OR CITY LIMITS
TRUNK HIGHWAY CENTER LINE
RETAINING WALL
STEAM RAILROAD
ELECTRIC RAILROAD
RAILROAD RIGHT-OF-WAY LINE
CREEK
RAPIDS OR WATERFALL
DRY RUN
DRAINAGE DITCH
HIGH TENSION LINE
POWER POLE LINE
TELEPHONE OR TELEGRAPH LINE
TELEPHONE CONDUIT
GUARD RAIL
WIRE FENCE
RAILROAD SNOW FENCE
BOARD OR HIGHWAY SNOW FENCE
STONE WALL OR FENCE
GAS MAIN
WATER PIPE
SEWER PIPE
DRAIN TILE
GRAVEL PIT
SAND PIT
CLAY PIT
ROCK QUARRY
SPRINGS
MARSH

TIMBER
BRUSH
ORCHARD
ROCK LEDGE
SAND
EDGE OF CUT
TOE OF EMBANKMENT
CATCH BASIN
MANHOLE
DROP INLET
FIRE HYDRANT
ARC LAMP
OTHER LAMPS (State Kind)
RAILROAD CROSSING SIGN
RAILROAD CROSSING BELL
ELECTRIC WARNING SIGN
CROSSING GATE
CATTLE GUARD
OVERHEAD (Highway Over)
UNDERPASS (Highway Under)
ABUTMENT, WALL & PIER
BRIDGE
CULVERT
BUILDING (One Story Frame)
C-CONCRETE S-STONE T-TILE B-BRICK ST.-STUCCO
HEDGE
IRON PIPE
STONE MONUMENT
WOOD STAKE OR HUB
MEANDER CORNER

T.10N. R.24W. 35 36 2 1 T.9N. R.24W.

CENTER SECTION 35 T.10N. R.24W.

12 1/4 13

NOTE: SECTION NUMBERS READ FROM THE SOUTH

STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS

CONSTRUCTION PLAN FOR Grading and Crushed Rock Wearing Course

County State Aid Highway No. 3

BETWEEN CSAH No. 6 AND Trunk Highway No. 30

From SW Cor SE 1/4 NE 1/4 Sec 4 T104N-R15W To Common Cor to Sec 16-17-20-21 T105N-R15W
Give proper reference to Sections, Township and Range

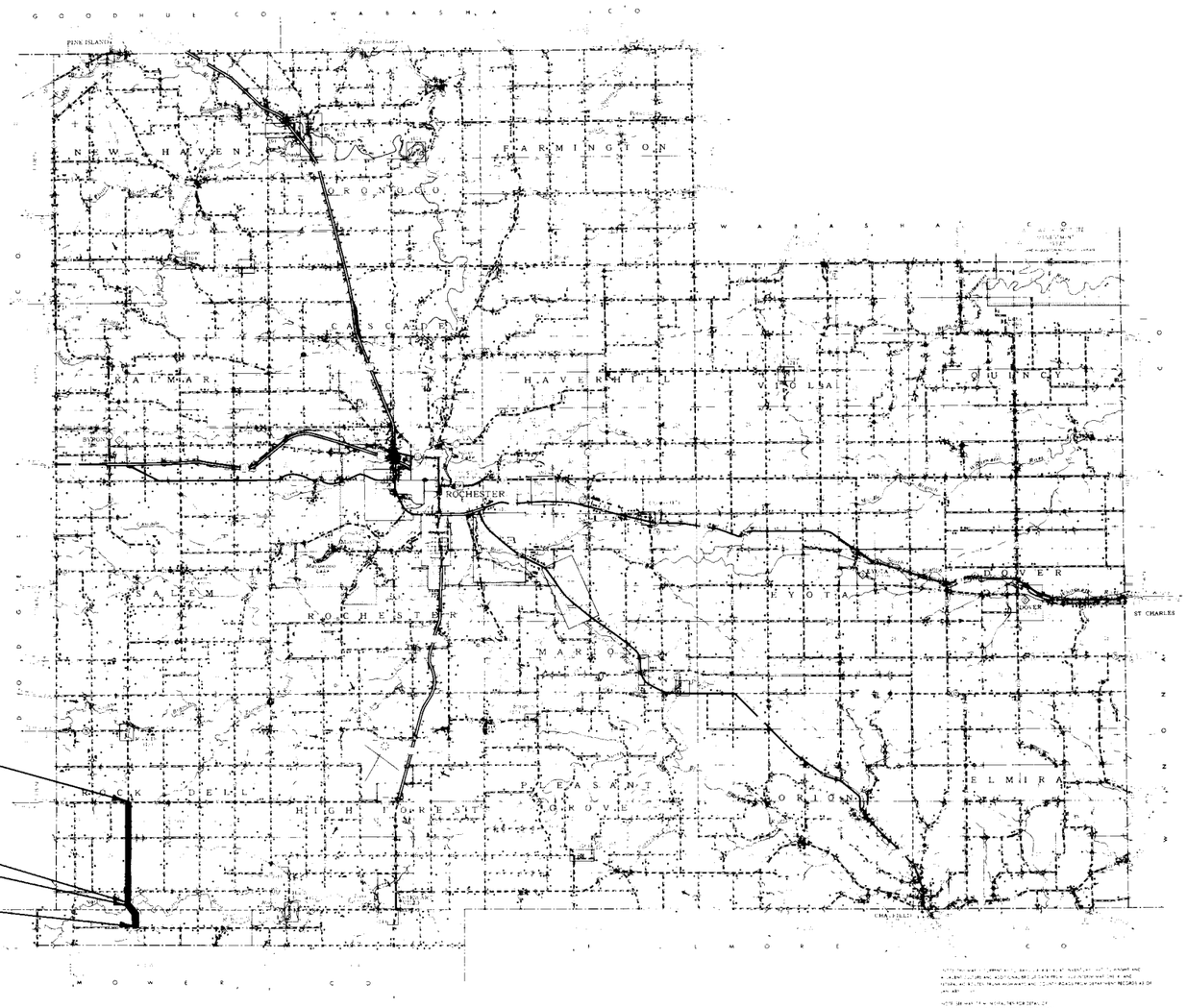
GROSS LENGTH 18635.07 FEET 3.52936 MILES
BRIDGES LENGTH 83.47 FEET 0.01580 MILES
EXCEPTIONS LENGTH 0.0 FEET 0.00 MILES
NET LENGTH 18551.60 FEET 3.51356 MILES

SCALES
PLAN. 1 Inch = 200 Feet
PROFILE. Horz. 1 Inch = 200 Feet. Vert. 1 Inch = 20 Feet
WORKING PLANS: Horz. 1 Inch = 100 Feet; Vert. 1 Inch = 10 Feet; Cross Section 1 Inch = 10 Feet

LAYOUT
Scale, 1 Inch = 10560 Feet

INDEX OF SHEETS

Sheet No. 1. Title Sheet & Layout Map
" No. 2. Est. Quantities & Typical Sec.
" No. 3. To 9 Plan & Profile
" No.10 To 31 Cross Sections



End S.A.P. 55-603-05
Sta. 301+92.47

Exception Bridge
Sta.152+02.85

Exception Bridge
Sta. 151+19.11

Begin S.A.P. 55-603-05
Sta. 115+57.4

Design Speed 50 M.P.H.

ALL FEDERAL, STATE AND LOCAL LAWS WILL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

_____ DATE _____
COUNTY ENGINEER

_____ _____ REG. NO _____
COUNTY

RECOMMENDED FOR APPROVAL _____ 19 ___
DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL _____ 19 ___

APPROVED _____ 19 ___ _____
STATE AID ENGINEER

—SPECIFICATIONS—

THE "SPECIFICATIONS FOR HIGHWAY CONSTRUCTION" DATED MAY 1, 1959, AND SUBMITTED FOR APPROVAL BY THE DIVISION ENGINEER OF THE BUREAU OF PUBLIC ROADS ON MARCH 26, 1959, SHALL GOVERN.

State Aid Project No. 55-603-05

Olmsted County, Minnesota County Proj. No. _____ Plan No. _____ Sheet No. 1 of 31 Sheets

H. A. ROGERS CO. Minneapolis

FORM 129C-1 REV. '59

ESTIMATED QUANTITIES

SPECIFICATION NO.	ITEM	UNIT	MUNICIPAL	RURAL	TOTAL ESTIMATED QUANTITIES
2101.502	Clearing	Tree		206	
2101.507	Grubbing	Tree		189	
2104.501	Remove Portable Culverts	Linear Foot		889	
2104.520	Remove W64X30' Conc. Box Culv. (Sta. 162+02)	Structure		1	
2105.501	Class A Excavation	Cubic Yard		62,367	
2130.501	Water	M. Gallons		228	
2201.527	Gravel Sub-base in Place (Class 4)	Cubic Yard (V.M)		7,054	
2252.527	Crushed Rock Wearing Course in Place	Cubic Yard (V.M)		9,117	
2501.511-18"	F&I CMP Culverts 18"	Linear Foot		536	
2501.511-24"	F&I CMP Culverts 24"	Linear Foot		26	
2501.511-36"	F&I CMP Culverts 36"	Linear Foot		26	
2501.521-24"	F&I SCP Culverts 24" Class III	Linear Foot		334	
2501.521-30"	F&I SCP Culverts 30" Class III	Linear Foot		40	
2501.521-36"	F&I SCP Culverts 36" Class III	Linear Foot		98	
2501.522	F&I SCP-A Culverts 51 1/8" Span	Linear Foot		76	
2501.522	F&I SCP-A Culverts 88" Span	Linear Foot		48	
2515.531-18"	F&I Metal Aprons for CMP 18"	Apron		36	
2515.531-24"	F&I Metal Aprons for CMP 24"	Apron		2	
2515.531-36"	F&I Metal Aprons for CMP 36"	Apron		2	
2515.541-24"	F&I Conc Aprons for SCP 24"	Apron		12	
2515.541-30"	F&I Conc Aprons for SCP 30"	Apron		2	
2515.541-36"	F&I Conc Aprons for SCP 36"	Apron		4	
2515.541	F&I Conc Aprons for SCP-A 51 1/8" Span	Apron		4	
2515.541	F&I Conc Aprons for SCP-A 88" Span	Apron		2	

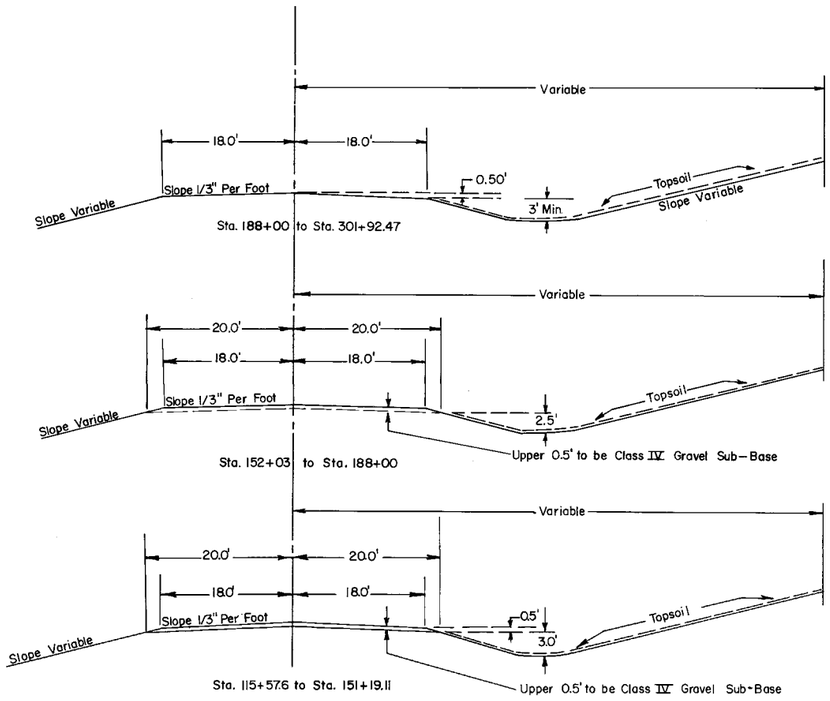
Note: Item No. 2252.527 Includes 290 Cu. Yds. for Approaches and 170 Cu. Yds. for TWP Roads.

STANDARD DETAIL PLATES

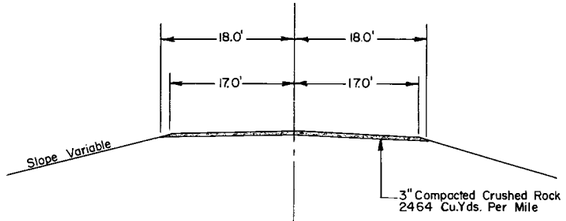
THE FOLLOWING STANDARD DETAIL PLATES, APPROVED BY THE BUREAU OF PUBLIC ROADS, SHALL APPLY ON THIS PROJECT.

PLATE NO.	DESCRIPTION
3000B	Reinforced Concrete Pipe
3014 A	Reinforced Concrete Pipe Arch
3100B&3102A	Concrete Apron for Reinforced Concrete Pipe
3100B&3112	Concrete Apron for Reinforced Concrete Pipe Arch
3123A	Metal Apron For CMP Pipes
8000A, 8001 8003, 8008A	Signs and Barricades

TYPICAL GRADING SECTIONS



TYPICAL BASE & SURFACE SECTIONS



Sta. 115+57.4 to Sta. 151+19.11
Sta. 152+02.85 to Sta. 301+92.47

SPECIAL DETAILS

Note: Material from the upper 1.0' of the natural topsoil, shall not be used in the upper 1.0' of the roadbed. Part of this material shall be uniformly spread on slopes and ditch bottoms, to a depth of 3". No payment in addition to the contract price for Class A Excavation, will be made for spreading the topsoil as above provided, nor will any undercutting made in excavation prior to placing the topsoil, be measured for payment.

Note: Corrugated metal and sectional concrete pipe culvert excavation will be considered incidental and will be under unit price for "Furnish and Install Culvert Pipe".

Note: Subgrade Treatment:
Excate 1.0' below profile grade for compaction as shown on the plan and profile sheets. Excavation has been computed and is included in balanced quantities. Backfill with select material from R.O.W. Tapers shall be 50:1 in all cases.

Note: Place sectional concrete pipe on Class "C" Bedding.

Note: All dimensions and slopes shown on typical sections are approximate.

S.A.P. 55-603-05

DAMM PHOTO PRINT CO. MPLS. 1, MINN.

CSAH 3

117+98 ℄ Culv.
Inpl. 24"x34' C.M.P.
Remove
F&I 24"X 40' SCP Class III
F&I 2-24" Conc. Aprons
For SCP

122+48 F.E. Lt.
No Culv. Inpl.
F&I 18"X 28' CMP
F&I 2-18" Metal Aprons
For CMP

Begin S.P.55-603-05
Sta.115+57.4

Con. Mon. Inpl.

C.S.A.H. No.3

89°12'00"

70.02
47.56
49.08
49.02

C.S.A.H. No.6

Const "T" Intersection
With 100' Shoulder Radius

+48

120

N. 0°14'00" W.

125

+38

+04

130

33'
33'
50'
50'

135

P.C. 135+75.31

P.I. 138+55.77
Δ LT. 37°48'30"
D 7°00
T 280.46
L 540.19

P.T. 141+15.43

140

145

+95

N. 38°02'30" W.

70'

48.55
39.05
40.21

129+04 F.E. Rt.
Inpl. 15"x24' C.M.P.
Remove
F&I 18"X28' CMP
F&I 2-18" Metal Aprons
For CMP

141+70 F.E. Rt.
Inpl. 15"x24' C.M.P.
Remove
F&I 18"X 28' CMP
F&I 2-18" Metal Aprons
For CMP

B.M. Elev. 1278.72
X in Hdwl. on east end
275' Rt. of P.I. on C.S.A.H. No.6

B.M. Elev. 1276.00
Spk. in P.P.
S.E. of Sta. 115+57.6

B.M. Elev. 1269.88
Spk. in P.P.
30' Rt. Sta. 134+31

Finished ℄ Grades

78.85 78.60 78.35 78.10 77.85 77.60 77.25 76.90 76.55 76.20 75.85 75.50 75.15 74.70 74.20 73.6 73.0 72.4 71.8 71.2 70.6 70.0 69.4 68.8 68.2 67.6 67.0 66.4 65.8 65.2

1300
90
80
70
60
50

−0.25 %

Elev. 78.10

Inlet 74.85
Outlet 74.65

P.V.C. +00

Profile 75' Lt.
Profile 75' Rt.

Elev. 76.90

P.V.T. +00

P.I. +00
Elev. 776
400' V.C.
M=0.05

−0.35 %

Elev. 75.50

P.V.C. +00

Elev. 73.6

P.V.T. +90

P.I. +00
Elev. 748
400' V.C.
M=0.1250

−0.6 %

Elev. 66.4

P.V.C. +00

+57.6

Note: Sta. 115+57.4 to Sta. 145+00
Place 0.5' Class 4

EXC 4116
EMB 2833
Class 4 1952

+38

EXC 1105
EMB 760
Class 4 401

+45

Present ℄ Grades

1278.5 +57.6
79.2 +62
79.0
78.5 +50
78.5
78.3 +78
78.1 +98
78.1
77.5
1276.9
76.9
76.5
76.3
76.1
1276.0
75.7
75.2
74.5
74.2 +62
74.1
1273.4
72.9
72.4
71.8
71.2
1270.8
70.4 +75.31
70.2
69.0
68.1
67.7
67.6 +27
1267.9
67.4
67.2 +15.43
67.0 +48
66.6
65.9
65.6 +60
65.4
1264.6

115 120 125 130 135 140 145

CSAH 3

SAP55-603-05

Sheet No. 3 of 31 Sheets

151+19 ℄ Bridge No. 5605
Inpl. 24'x80' Low Truss Span
No Change

160+46 F.E.Lt.
Inpl. 18"x24' C.M.P.
Remove
F&I 18"X28' CMP
F&I 2-18" Metal Aprons
For CMP

170+53 Twp.Rd. Lt.
Inpl. 24"x43' C.M.P.
Remove
F&I 18"X 36' CMP
F&I 2-18" Metal Aprons
For CMP

P.I. 170+63.05
Δ Lt. 1°54'00"
D 0°12'
T 474.98
L 950

P.C. 165+78.07

P.T. 175+28.07

149+80 F.E. Lt.
Inpl. 42'x24' C.M.P.
Remove
F&I 36"X 26' CMP
F&I 2-36" Metal Aprons
For CMP

P.O.T. 152+02.85
P.O.T. 151+91.1
NORTH BRANCH
ROOT RIVER
P.C. 152+07.91
8 Pole
Stone Mon. Impl.
Elec. Fe.
Elec. Fe.
N. 38°08'30" E.
N. 1°33'30" E.
N. 0°02'30" E.

P.I. 155+02.78
Δ Rt. 39°36'00"
D 7°00
T 294.87
L 565.72

P.T. 157+73.63

149+92 F.E. Rt.
Inpl. 24"x24' C.M.P.
Remove
F&I 24"X 26' CMP
F&I 2-24" Metal Aprons
For CMP

155+79 F.E. Rt.
Inpl. 15"x24' C.M.P.
Remove
F&I 18"X 28' CMP
F&I 2-18" Metal Aprons
For CMP

162+02 ℄ Culv
Inpl. 6'x4'x30' Conc. Box Culv.
Remove
F&I 54" Rise X 88" Span SCP-A X48'
F&I 2-54"X 88" Conc Aprons
For SCP-A Skew 30°

170+53 Twp.Rd. Rt.
Inpl. 42"x26' C.M.P.
Remove
F&I 18"X 36' CMP
F&I 2-18" Metal Aprons
For CMP

Cl. 18 Gr. 10

B.M. Elev. 1262.52
"X" in S.E. Cor. Bridge
on Hdwl.

B.M. Elev. 1262.1
X in S.E. Cor. Culv. Hdwl.
36' Rt. Sta. 162+02

Finished ℄ Grades: 65.2, 64.5, 63.8, 63.1, 62.5, 61.9, 61.4, 60.9, 60.5, 60.2, 60.1, 60.1, 60.3, 60.7, 61.2, 61.8, 62.7, 63.7, 64.8, 66.1, 67.5, 68.9, 70.3, 71.7, 73.1, 74.5, 75.9, 77.3, 78.7, 80.0, 81.3

Elev 63.8
Elev 63.8
P.V.T. +00
P.V.C. +00
-0.7%
Elev. 61.4
P.V.T. +00
Elev. 60.847.37
P.V.C. 1052631
-0.5%
Elev. 66.247.37
P.V.T. 1052631
+1.4%
Elev.
R.V.C. +00

Profile 75' Lt.
Profile 75' Rt.

P.I. +00
Elev. 65.2
400' V.C.
M=0.05.

P.I. +00
Elev. 62.4
400 V.C
M=0.10.

P.I. +1052631
Elev. 5784737
1200' V.C.
M=2.85.

+18
+03
+54

EXC. 3939
EMB. 2328
Class 4 1157

EXC 523
EMB 357
Class 4 247

EXC 7224
EMB 4940
Class 4 2804

Note: Sta. 145+00 to 175+00
Place .05' Class 4 Gravel

Present ℄ Grades: 1264.6, 64.0, 64.0+37, 63.7, 63.3, 62.8, 62.8+58, 1262.8+10, 62.8+10, 62.6+36, 62.2, 62.0+18, 61.9+21, 61.8, 61.8+03, 61.9+21, 61.5, 61.4+56, 61.5, 61.4+54, 1261.4, 61.0+60, 59.1, 58.4+60, 58.8, 59.4+73.63, 59.0, 59.3, 59.2+40, 1259.4, 59.8+65, 59.8, 60.1+62, 59.9+91, 57.5+02, 60.4+43, 60.3, 61.6+28, 63.1+73, 63.7, 66.4+71, 1266.8, 68.1+78, 68.5, 69.9, 70.4+45, 71.2, 72.6, 1274.3+29, 75.5+43, 75.9+63, 76.1+77, 76.2+90, 76.3, 76.9, 78.1, 79.4, 1280.5

145 150 155 160 165 170 175

80 70 60 50 1240

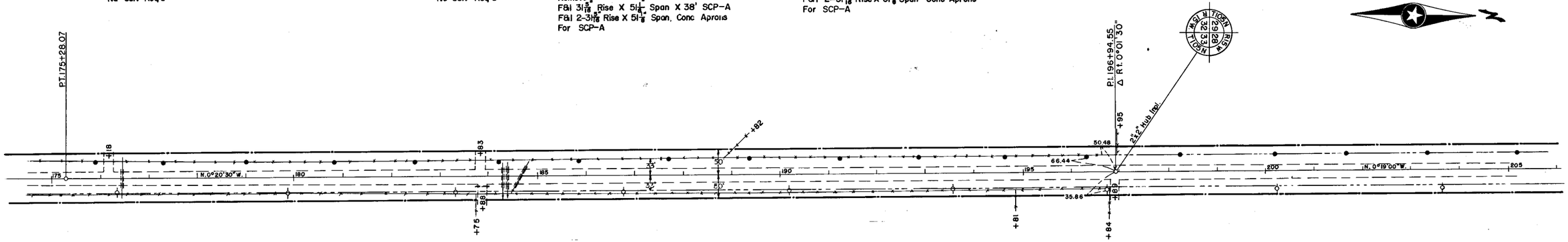
CSAH 3 OLMSTED COUNTY, MINN. SAP55-603-05 Sheet No. 4 of 31 Sheets

176+18 F.E. Lt.
No Culv. Inpl.
No Culv Req'd

183+83 F.E. Lt.
No Culv. Inpl.
No Culv Req'd

184+28 ℄ Culv.
Inpl. 30"x 36' C.M.P.
Remove
F&I 31-5/18" Rise X 51-1/2" Span X 38' SCP-A
F&I 2-31-5/18" Rise X 51-1/2" Span, Conc Aprons
For SCP-A

184+48 ℄ Culvert
F&I 31-5/18" Rise X 51-1/2" Span X 38' SCP-A
F&I 2-31-5/18" Rise X 51-1/2" Span Conc Aprons
For SCP-A



176+43 ℄ Culv.
Inpl. 30"x 36' C.M.P.
Remove
F&I 30" X 40" SCP Class III
F&I 2-30" Conc Aprons
For SCP

183+88 F.E. Rt.
Inpl. 18"x 26' C.M.P.
Remove
F&I 18"X 28' CMP
F&I 2-18" Metal Aprons
For CMP

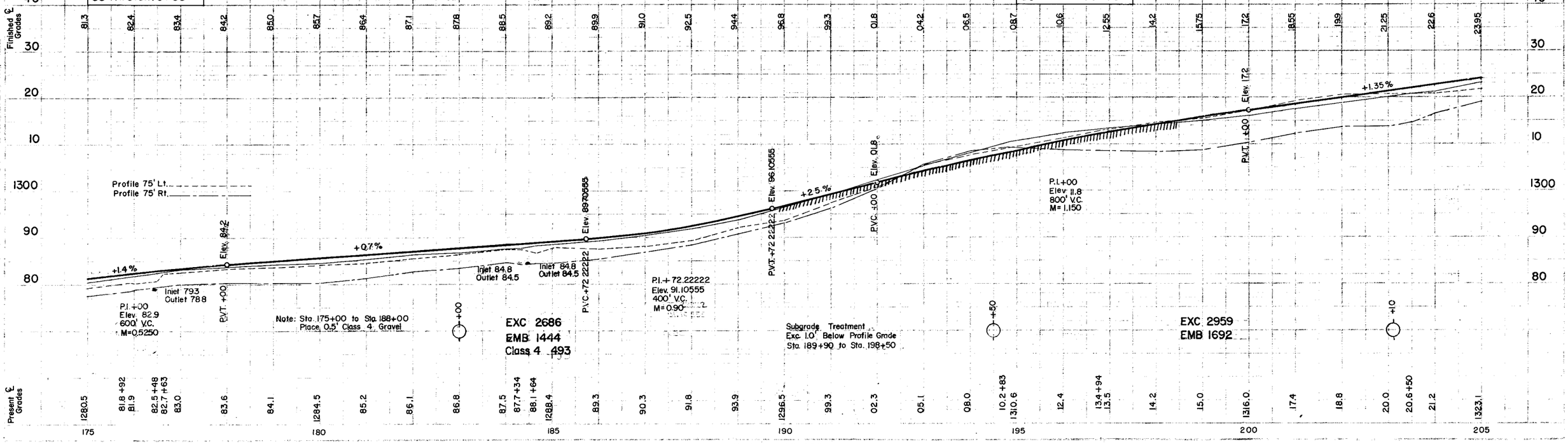
184+34 ℄ Culv.
Inpl. 30"x 36' C.M.P.
Remove
No Culv Req'd

184+64 ℄ Culv.
Inpl. 30"x 48' C.M.P
Skewed 30° N.W.
Remove
No Culv Req'd

196+89 F.E. Rt.
No Culv. Inpl.
F&I 18"X 28' CMP
F&I 2-18" Metal Aprons
For CMP

B.M. Elev. 1280.42
Spk. in P.P.
33' Rt. Sta. 176+35

B.M. Elev. 1312.41
Spk. in P.P.
33' Rt. Sta. 196+78



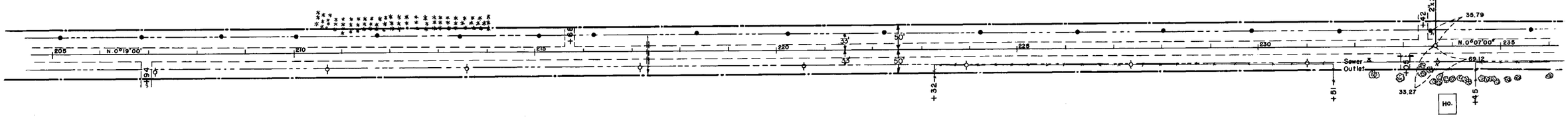
215+68 F.E.Lt.
No Culv. Inpl.
F&I 18"X 32' CMP
F&I 2-18" Metal Aprons
For CMP

233+42 F.E.Lt.
No Culv. Inpl.
F&I 18"X 28' CMP
F&I 2-18" Metal Aprons
For CMP

206+94 F.E.Rt.
No Culv. Inpl.
No Culv Req'd

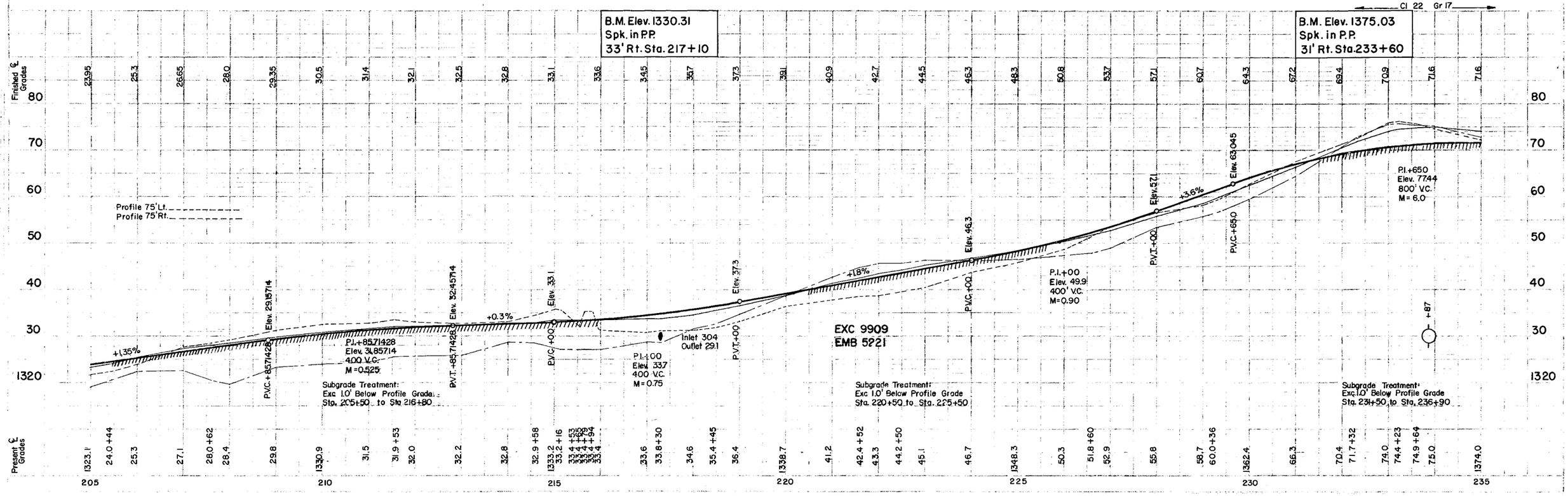
217+30 ℄ Culv.
Inpl. 36"x36' C.M.P.
Remove
F&I 36"X 40' SCP Class III
F&I 2-36" Conc. Aprons
For S.C.P.
Pl. Ditch Block

233+05 F.E.Rt.
Inpl. 15"x24' C.M.P.
Remove
F&I 18"X 32' CMP
F&I 2-18" Metal Aprons
For CMP



B.M. Elev. 1330.31
Spk. in P.P.
33' Rt. Sta. 217+10

B.M. Elev. 1375.03
Spk. in P.P.
31' Rt. Sta. 233+60



249+69 Twp Rd. Lt.
No Culv. Inpl.
No Culv. Req'd

250+58 F.E. Lt.
Inpl. 18"x24' C.M.P.
Remove
No Culv. Req'd

261+68 F.E. Lt.
Inpl. 18"x24' C.M.P.
Remove
F&I 18"X 28' CMP
F&I 2-18" Metal Aprons
For CMP

P.I. 249+65.28
Δ Rt. 0°04'30"

45.60
47.93
40.14
44.19
N. 0°07'00"
N. 0°02'30" W.
Sewer Outlet
Elec. Fe.
Ho.

249+33 ℄ Culv.
Inpl. 24"x 40' C.M.P.
Remove
F&I 24"X 56' SCP Cl. III
F&I 2-24" Conc Aprons
For SCP

249+64 Twp. Rd. Rt.
No Culv. Inpl.
No Culv. Req'd

250+09 ℄ Culv.
Inpl. 18"x40' C.M.P.
Remove
F&I 24"X 48' SCP Cl. III
F&I 2-24" Conc Aprons
For SCP

250+51 F.E. Rt.
Inpl. 15"x24' C.M.P.
Remove
No Culv. Req'd

254+63 F.E. Rt.
No Culv. Inpl.
F&I 18"X 28' CMP
F&I 2-18" Metal Aprons
For CMP

Cl. 5 Gr. 2 — Cl. 28 Gr. 27

B.M. Elev. 1343.60
Spk. in P.P.
32' Rt. Sta. 249+33

Finished Grades

P.V.T. +65.0 Elev. 67.84000
-2.4%
P.V.C. +75.60975 Elev. 55.58537
P.V.T. +75.60976 Elev. 47.33537
-0.35%
P.V.C. +35.08771 Elev. 45.72719
P.V.T. +35.08771 Elev. 35.07719
-3.2%
P.V.C. +00 Elev. 33.0
-1.0%
P.V.T. +00 Elev. 24.6

Profile 75' Lt.
Profile 75' Rt.

P.I. +75.60975
Elev. 48.38537
600' V.C.
M = 1.5375

Inlet 42.6
Outlet 40.5

P.I. + 35.08771
Elev. 44.67720
600' V.C.
M = 2.1375

P.I. +00
Elev. 26.6
400' V.C.
M = 1.1

EXC 3413
EMB 2092

EXC 4880
EMB 2936

Subgrade Treatment:
Exc. 1.0' Below Profile Grade
Sta. 251+56 to Sta. 261+10

Present ℄ Grades

266+92 ℄ Culv.
Inpl. 24"x 40' C.M.P.
Remove
F&I 24"X 56' SCP Cl. III
F&I 2-24" Conc Aprons
For SCP
Pl. Ditch Block

270+91 F.E. Lt.
Inpl. 15"x 28' C.M.P.
Remove
F&I 18" X 28' CMP
F&I 2-18" Metal Aprons
For CMP

275+51 ℄ Culv.
Inpl. 36"x 38' C.M.P.
Remove
F&I 36"X 58' SCP Cl. III
F&I 2-36" Conc Aprons
For SCP

282+26 ℄ Culv.
Inpl. 24"x 50' C.M.P.
Remove
F&I 24"X 64' SCP Cl. III
F&I 2-24" Conc Aprons
For SCP
Pl. Ditch Block

291+34 ℄ Culv
Inpl. 24"x 44' C.M.P.
Remove
F&I 24"X 70' SCP Cl. III
F&I 2-24" Conc Aprons
For SCP
Pl. Ditch Block

P.I. 269+32.73
Δ Rt. 0°03'00"

Woods

N. 0°02'30" E.

44.42

91.78

71.77

Elec. Fe.

Sewer Outlet

Ho.

N. 0°00'30" E.

270+81 F.E. Rt.
Inpl. 15"x 24' C.M.P.
Remove
F&I 18"X 32' CMP
F&I 2-18" Metal Aprons
For CMP

288+73 F.E.Rt.
No Culv Inpl.
F&I 18"X 28' CMP
F&I 2-18" Metal Aprons
For CMP

B.M. Elev. 1317.15
Spk. in P.P.
51' Rt. Sta. 269+83

B.M. Elev. 1306.93
Spk. in P.P.
30' Lt. Sta. 286+47

Cl. 42 Gr 43

Cl. 13 Gr 13

Finished ℄ Grades

Profile 75' Lt.
Profile 75' Rt.

-1.0%

Elev. 22.6

P.V.C. +00

Inlet 17.8
Outlet 13.4

P.I.+00
Elev. 20.6
400' V.C.
M=0.70

-2.4%

Elev. 15.8

P.V.T. +00

Elev. 13.4

P.V.C. +00

P.I.+50
Elev. 02.6
900' V.C.
M=3.15

Inlet 01.0
Outlet 93.2

+0.4%

Elev 04.4

P.V.T.+00

P.I.+00
Elev. 05.2
400' V.C.
M=0.05

Inlet 00.8
Outlet 94.4

Elev. 06.2

P.V.T.+00

+0.5%

Elev. 08.31765

P.V.C.=23.52941

Inlet 06.0
Outlet 01.0

P.I.+23.52941
Elev. 09.81764
600 V.C.
M=1.2750

+2.2%

Elev. 16.41765

P.V.T.=23.52941

Subgrade Treatment:
Exc 1.0' Below Profile Grade
Sta. 268+00 to Sta. 272+50

EXC 1039
EMB 6557

Subgrade Treatment:
Exc 1.0' Below Profile Grade
Sta. 278+30 to Sta. 279+42

EXC 3131
EMB 1954

Subgrade Treatment:
Exc 1.0' Below Profile Grade
Sta 286+20 to Sta 290+40

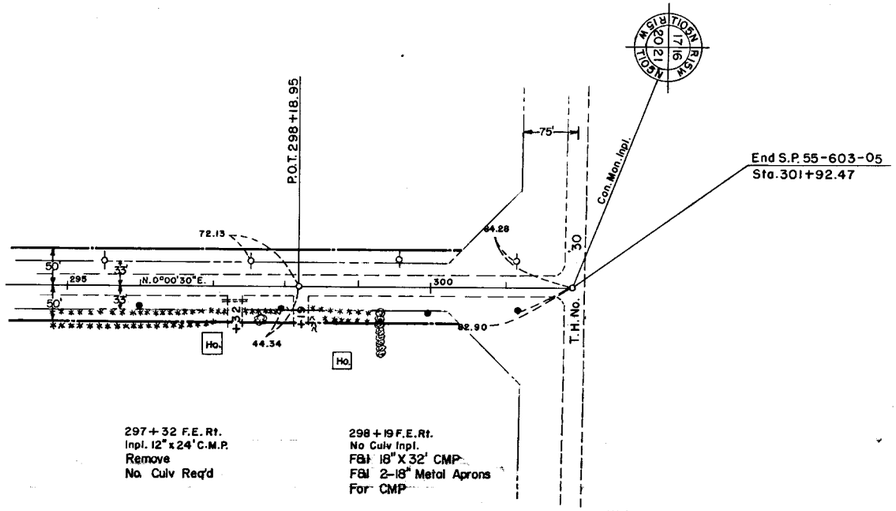
EXC 903
EMB 511

Present ℄ Grades

265 270 275 280 285 290 295

CSAH 3 OLMSTED COUNTY, MINN. SAP55-603-05 Sheet No. 8 of 31 Sheets

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
BY
DATE
ALIGNMENT GIVEN AT
BY
CHECKED
STRUCTURE No. 4 VC. Ch. AD



PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
BY
DATE
CHECKED
STRUCTURE No. 4 VC. Ch. AD

