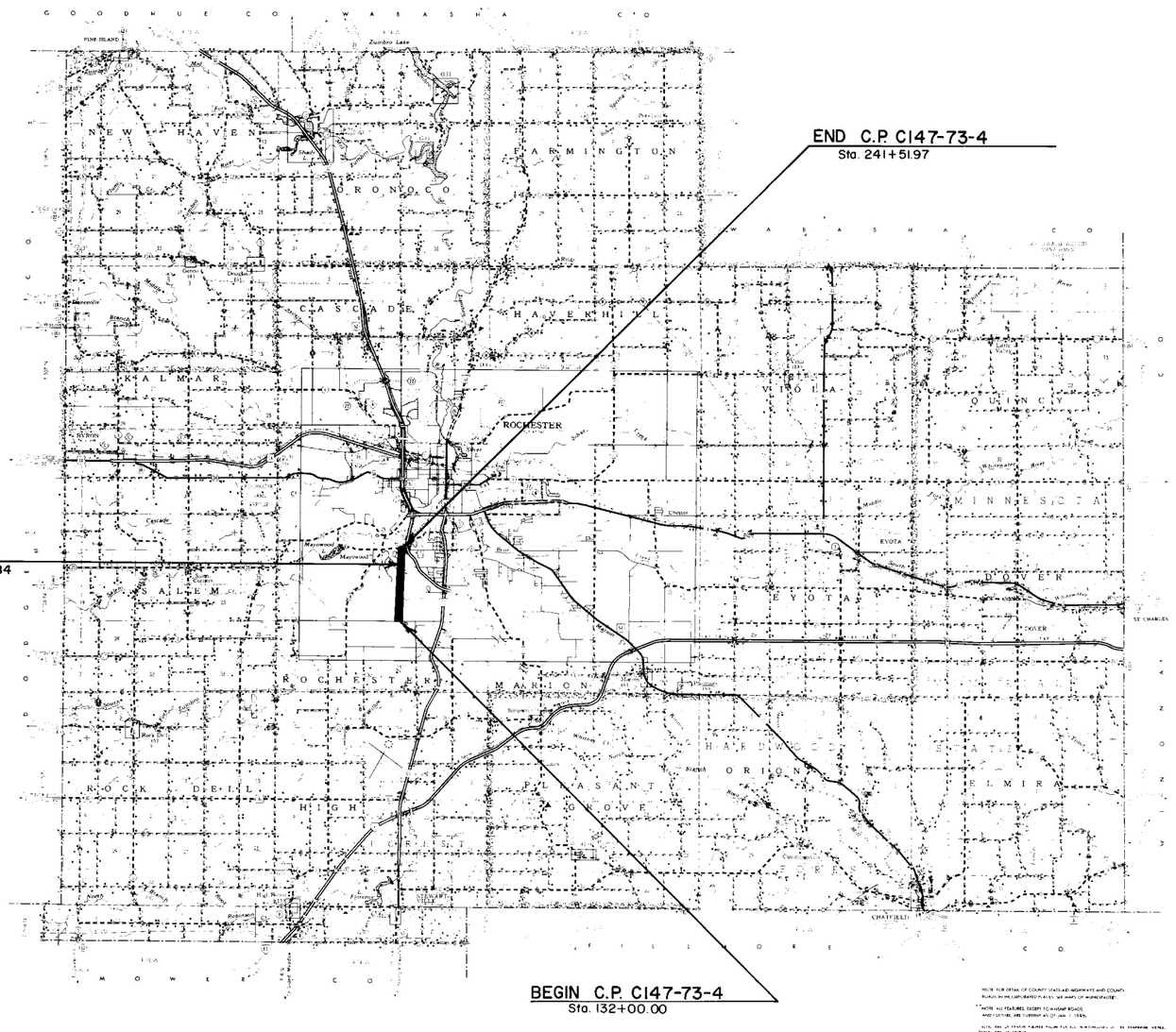
FORM 100-A '65

PLANS SYMBOLS

STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
RIGHT-OF-WAY LINE
PRESENT RIGHT OF WAY LINE
CONTROL OF ACCESS LINE
PROPERTY LINE (Except Land Lines)
VACATED PLATTED PROPERTY
CORPORATE OR CITY LIMITS
TRUNK HIGHWAY CENTER LINE
RETAINING WALL
RAILROAD
RAILROAD RIGHT OF WAY LINE
RIVER OR CREEK (NAME)
DRY RUN
DRAINAGE DITCH (SIZE)
DRAIN TILE
CULVERT
DROP INLET
GUARD RAIL
BARBED WIRE FENCE
WOVEN WIRE FENCE
CHAIN LINK FENCE
RAILROAD SNOW FENCE
STONE WALL OR FENCE
HEDGE
RAILROAD CROSSING SIGN
RAILROAD CROSSING BELL
ELECTRIC WARNING SIGN
CROSSING GATE
MEANDER CORNER
SPRINGS
MARSH
TIMBER
ORCHARD
BRUSH
NURSERY
CATCH BASIN C.B.
FIRE HYDRANT
CATTLE GUARD
OVERPASS (Highway Over)
UNDERPASS (Highway Under)
BRIDGE
BUILDING (One Story Frame)
F FRAME C CONCRETE
S STONE T TILE
B BRICK ST STUCCO
IRON PIPE OR ROD
MONUMENT (STONE, CONCRETE, OR METAL)
WOODEN HUB
GRAVEL PIT (G)
SAND PIT (S)
BORROW PIT (B)
ROCK QUARRY (Q)

UTILITIES SYMBOLS

POWER POLE LINE
TELEPHONE OR TELEGRAPH POLE LINE
JOINT TELEPHONE AND POWER ON POWER POLES
ON TELEPHONE POLES
ANCHOR
STEEL TOWER
STREET LIGHT
PEDESTAL (TELEPHONE CABLE TERMINAL)
GAS MAIN
WATER MAIN
CONDUIT
TELEPHONE CABLE IN CONDUIT
ELECTRIC CABLE IN CONDUIT
TELEPHONE MANHOLE
ELECTRIC MANHOLE
BURIED TELEPHONE CABLE
BURIED ELECTRIC CABLE
AERIAL TELEPHONE CABLE
SEWER, (SANITARY OR STORM)
SEWER MANHOLE



— SPECIFICATIONS —

STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION DATED JANUARY 1, 1972, SHALL GOVERN.

Fed. Proj. No.

STATE OF MINNESOTA

DEPARTMENT OF HIGHWAYS

CONSTRUCTION PLAN FOR Grading and Aggregate Base

COUNTY ROAD **NO.** 147

BETWEEN S 1/4 Corner Sec. 22 **AND** C.R. 125

From S1/4 Corner Sec. 22 T106N-R14W
Give proper reference to Sections, Township and Range

To A point 2,778' North & 513' East Center Sec. 15 T106N-R14W

GROSS LENGTH	10,952.73	FEET	2.0744 MILES
BRIDGES-LENGTH	0	FEET	0 MILES
EXCEPTIONS-LENGTH	0	FEET	0 MILES
NET LENGTH	10,952.73	FEET	2.0744 MILES

INDEX OF SHEETS

Sheet No. 1 Title Sheet & Layout Map
" No. 2 Est. Quantities & Typical Sec
" No. 3 To 6 Plan & Profile
" No. 7 To 23 Cross Sections

DESIGN SPEED 40 **M. P. H.**

PROJECTED A. D. T. 150

7 **TON DESIGN**

SOIL FACTOR 130

ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES 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.

Cele Schuldhammer DATE Feb 22 1973
COUNTY ENGINEER

Olmsted COUNTY REG. NO. 8284

RECOMMENDED FOR APPROVAL _____, 19__
DISTRICT STATE AID ENGINEER

RECOMMENDED FOR APPROVAL _____, 19__

APPROVED _____, 19__ _____
STATE AID ENGINEER

Minn. Project No. _____ S.A.P. _____
State Project No. _____

Olmsted County, Minnesota. County Proj. C147-73-4 No. _____ Sheet 1 of 23 Sheets

ALBINSON, INC.
MINNEAPOLIS, MINN. 55415

ESTIMATED QUANTITIES

	SPECIFICATION NO.	ITEM	UNIT	MUNICIPAL	RURAL	TOTAL ESTIMATED QUANTITIES
	2101.501	Clearing	Acre		2.10	2.10
	2101.502	Clearing	Tree		72	72
	2101.506	Grubbing	Acre		2.10	2.10
	2101.507	Grubbing	Tree		67	67
	2104.501	Remove Pipe Culverts	Lin.Ft.		724	724
①	2104.509	Remove Conc. Box Culvert	Each		2	2
	2105.501	Common Excavation	Cu. Yd.		58,893	58,893
	2105.503	Rock Excavation	Cu. Yd.		12,222	12,122
	2105.507	Subgrade Excavation	Cu. Yd.		7,427	7,427
②	2130.501	Water	M-Gal.		25	25
③	2211.501	Aggregate Base Cl. II	Ton		7,394	7,394
	2501.511	18" C.S. Pipe Culvert	Lin. Ft.		304	304
	2501.511	24" C.S. Pipe Culvert	Lin. Ft.		96	96
	2501.511	30" C.S. Pipe Culvert	Lin. Ft.		36	36
	2501.521	18" Span C.S. Pipe-Arch Culvert	Lin. Ft.		192	192
	2501.521	36" Span C.S. Pipe-Arch Culvert	Lin. Ft.		32	32
	2501.511	24" R.C. Pipe Culvert Cl. III	Lin. Ft.		58	58
④	2501.511	24" R.C. Pipe Culvert Cl. III	Lin. Ft.		82	82
	2501.511	48" R.C. Pipe Culvert Cl. II	Lin. Ft.		66	66
	2501.511	60" R.C. Pipe Culvert Cl. II	Lin. Ft.		76	76
④	2501.521	122" Span R.C. Pipe-Arch Culvert Cl. IV	Lin. Ft.		74	74
⑥	2501.541	Furnish 72" High R.C. Cattle Pass Culv. Cl. II	Lin. Ft.		22	22
	2501.515	18" G.S. Pipe Aprons	Each		20	20
	2501.515	24" G.S. Pipe Aprons	Each		6	6
	2501.515	30" G.S. Pipe Aprons	Each		2	2
	2501.525	18" Span G.S. Pipe-Arch Aprons	Each		12	12
	2501.525	36" Span G.S. Pipe-Arch Aprons	Each		2	2
	2501.515	24" R.C. Pipe Aprons	Each		8	8
	2501.515	48" R.C. Pipe Aprons	Each		2	2
	2501.515	60" R.C. Pipe Aprons	Each		2	2
④	2501.525	122" Span R.C. Pipe-Arch Aprons	Each		2	2
⑥	2501.545	Furnish 72" High R.C. Cattle Pass Apron (Inlet)	Each		1	1
⑤	2501.571	Install 24" R.C. Pipe Culvert	Lin.Ft.		142	142
④	2501.521	122" Span R.C. Pipe-Arch Culvert Cl. III	Lin. Ft.		54	54

① Sta. 164+20 Inplace 10' X 10.5' X 35.5' Conc. Box.
Sta. 196+64 Inplace 6' X 4' X 33' Conc. Box.

② To be used as a dust preventative.

③ Includes 6,133 Tons for Road, 345 Tons for Residental and Field Drives, 60 Tons for Twp. Rds. and 90 Tons for Street Approaches.

④ Pipe shall have Concrete Pipe Joint ties.

⑤ To be furnished and delievered on the job by Olmsted County Highway Dept. Quantity includes aprons.

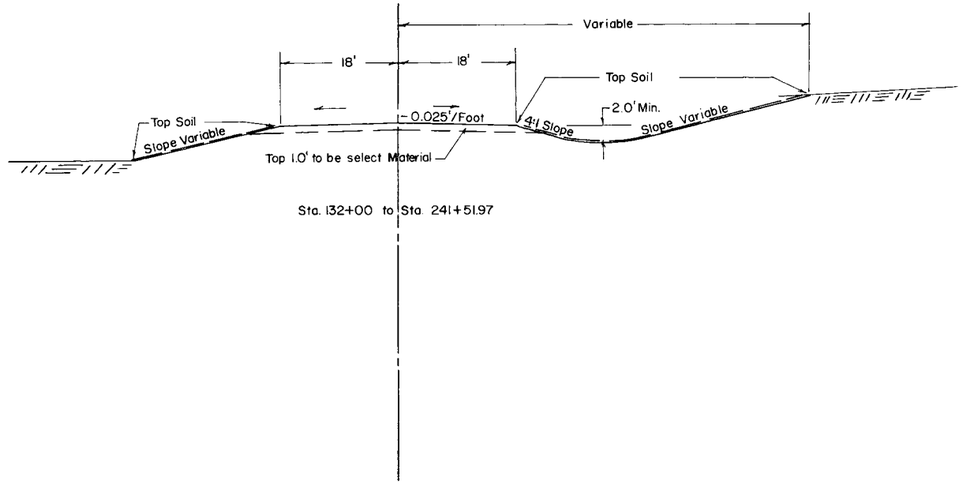
⑥ County to furnish 72" High X 42' and 1 Apron and Contractor to furnish 72" High X 22' and 1 Apron (Inlet End)
County to Install Cattle Pass and Contractor will be required to backfill Cattle Pass.

STANDARD DETAIL PLATES

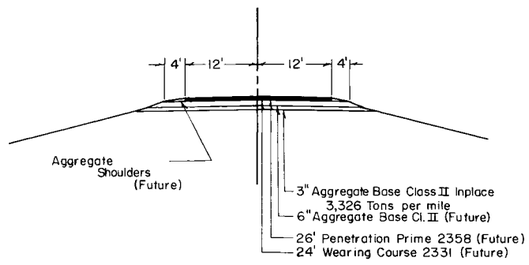
THE FOLLOWING STANDARD DETAIL PLATES, APPROVED BY THE BUREAU OF PUBLIC ROADS, SHALL APPLY ON THIS PROJECT.

PLATE NO.	DESCRIPTION
0002 A	SPECIFICATION REFERENCE TO STANDARD PLATES
3000 F	REINFORCED CONCRETE PIPE
3020 D	REINFORCED PRECAST CONCRETE CATTLE PASS (72")
3040 C	CORRUGATED STEEL PIPE
3100 F	CONCRETE APRON FOR REINFORCED CONCRETE PIPE
3123 F	STEEL APRON FOR C.S. PIPE
3124 A	STEEL APRON CONNECTION
3145 A	CONCRETE PIPE JOINT TIES
8000 D	STANDARD BARRICADES
8008 D	CONTRACTORS SIGN
9000 B	APPROACHES AND ENTRANCES
3014 F	REINFORCED CONCRETE PIPE-ARCH DETAIL
3122 F	METAL APRON FOR C.S. PIPE-ARCH CULVERT
3114 D	SECTIONAL CONCRETE APRON FOR REINFORCED CONCRETE PIPE-ARCH

TYPICAL GRADING SECTIONS



Sta. 132+00 to Sta. 241+51.97



SPECIAL DETAILS

Note: Material from the upper 1.0' of the natural topsoil shall not be used in the upper 1.0' of the roadway. 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 Common 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 Steel and Reinforced Concrete pipe culvert excavation will be considered incidental, and will be under unit price for "Pipe Culvert".

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

Note: Place Sectional Concrete Pipe on Class "B" and Class "C" Bedding. All bedding to be considered as incidental and no direct compensation shall be made therefor.

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

Minn. Proj. No. _____

C.P. C147-73-4
State Project No. _____

ALBINSON, INC. MINNEAPOLIS

PLAN
SURVEYED
NOTE BOOK
PLOTTED
ALIGNMENT CHECKED
BY
NO.
AS OF MAY CHECKED

PROFILE
SURVEYED
NOTE BOOK
PLOTTED
ALIGNMENT CHECKED
BY
NO.
AS OF MAY CHECKED

℄ Culv. 137+86
Inpl. 18" X 24' CMP
Remove
Install 24"X 60' R.C. Pipe Culvert
(2-24" R.C. Pipe Aprons Included)
Place Culvert on "B" Bedding

FE Lt. 141+85
No Culv. Inpl.
18"X 28' C.S. Pipe Culvert
2-18" G.S. Pipe Aprons

Res. Drive Lt. 145+34
No Culv. Inpl.
No Culv. Req'd.

℄ Culv. 150+25
Inpl. 18" X 24' CMP
Remove
No Culv. Req'd.

℄ Culv. 153+65
Inpl. 18" X 24' CMP
Remove
No Culv. Req'd.

BEGIN C.P. C147-73-4
Sta. 132+00

C.R. "147"

Twp. Rd.

P.I. 132+00
Coast Iron Monut.

P.O.T. 135+60.55
60° D Spk.

P.O.T. 141+85.96
60° D Spk.

P.I. 145+17.99
1/2 Reinf. Rod

Woods
House
Prop. Col
Elec. Lamp Post
LILLIE'S
FIRST
SUBDIVISION

Res. Drive Rt. 134+18
Inpl. 15" X 30' CMP
Remove
18" Span X 32' C.S. Pipe-Arch Culvert
2-18" Span G.S. Pipe-Arch Aprons

FE Rt. 136+30
No Culv. Inpl.
No Culv. Req'd.

Twp. Rd. Rt. 141+56
No Culv. Inpl.
18" X 36' C.S. Pipe Culvert
2-18" G.S. Pipe Aprons

Twp. Rd. Rt. 145+50
Inpl. 15" X 30' CMP
Remove
No Culv. Req'd.

℄ Culv. 145+80
Inpl. 18" X 24' CMP
Remove
Install 24"X 42' R.C. Pipe Culvert
2-24" R.C. Pipe Aprons
Place Culvert on "B" Bedding

B.M. Elev. 1224.01
Spk. in P.P. 57' Lt.
Sta. 132+78

B.M. Elev. 1246.92
Spk. in P.P. 30' Rt.
Sta. 145+94

℄ Subgrade Elevation

Profile 75' Lt.
Profile 75' Rt.

P.I. +50
Elev. 18.5
100' V.C.
M=0.875

P.V.C. +00
Elev. 18.5

P.V.T. +00
Elev. 22.0

+1.7%

P.V.T. +00
Elev. 39.4

Elev. 41.58571

Inlet Elev. 37.7
Outlet Elev. 34.2

P.I. +00
Elev. 36.0
400' V.C.
M=2.65

Subgrade Treatment:
Excavate 1.0' Below Profile Grade
Sta. 132+14 to Sta. 137+00

P.V.C. +28.57142

P.I. +28.57142
Elev. 44.98571
400' V.C.
M=0.7

P.V.T. +28.57142
Elev. 45.58571

+0.3%

Inlet Elev. 43.2
Outlet Elev. 42.8

Subgrade Treatment:
Excavate 1.0' Below Profile Grade
Sta. 140+30 to Sta. 160+38

P.V.C. +26.71232
Elev. 49.18013

COMMON EXC. 1,961 Cu. Yds.
SUBGRADE EXC. 637 Cu. Yds.
EMB 1,336 Cu. Yds.

COMMON EXC. 1,723 Cu. Yds.
SUBGRADE EXC. 171 Cu. Yds.
EMB 1,115 Cu. Yds.

OLMSTED COUNTY, MINN. C.P. C147-73-4 C.R. "147"

FE Lt. 158+19
No Culv. Inpl.
18" X 28' C.S. Pipe Culv
2-18" G.S. Pipe Aprons

FE Lt. 158+50
No Culv. Inpl.
18" X 28' C.S. Pipe Culvert
2-18" G.S. Pipe Aprons

℄ Culv. 164+20
Inpl. 10' X 10.5' X 35.5' Conc. Box
Remove Structure
122" Span X 74' R.C. Pipe Arch Culv Cl. IV
122" Span X 54' R.C. Pipe Arch Culv. Cl. III
2-122" Span R.C. Pipe-Arch Aprons
F & I Approved Joint Fasteners
Place Culvert on "B" Bedding

Farm Ent. Lt. 166+65
Inpl. 18" X 34' SCP
18" X 32' C.S. Pipe Culvert
2-18" G.S. Pipe Aprons

Res. Drive Lt. 173+34
No Culv. Inpl.
No Culv. Req'd.

FE Lt. (Old Road) 181+41
Inpl. 28 1/2 Span X 22' CMP
Remove
24" X 28' C.S. Pipe Culvert
2-24" G.S. Pipe Aprons

FE Rt. (Old Road) 182+44
No Culv. Inpl.
18" X 28' C.S. Pipe Culvert
2-18" G.S. Pipe Aprons

P.O.T. 155+09.86
60D Spk.

P.I. 158+36.35
Cast Iron Mon.

N. Line Center Section 22 T. 14 W. R. 13 W.

P.O.T. 173+28.62
60D Spk.

P.C. 177+61.28

P.I. 180+15.76
Δ Lt. 11°50'
D 2°20'
T 254.48'
L 507.15'
E 13.15'

P.I. 180+15.76
Δ Lt. 10°09'30"
D 2°00'
T 254.63'
L 507.92'
E 11.29'

P.T. 182+58.42

P.C. 182+93.22

P.I. 185+25.75
Δ Rt. 30°17'
D 6°30'
T 238.53'
L 465.90'
E 31.70'

P.I. 185+17.96
Δ Rt. 31°26'
D 7°00'
T 230.33'
L 449.04'

Cast Iron Mount

Woods
House
Bushes
Stone Gate Posts

Res. Drive Rt. 160+05
Inpl. 18" X 32' CMP
Remove
18" X 32' C.S. Pipe Culvert
2-18" G.S. Pipe Aprons

Res. Drive Rt. 173+24
No Culv. Inpl.
No Culv. Req'd.

℄ Culv. 180+14
Inpl 18" X 28' CMP
Remove
No Culv. Req'd.

℄ Culv. 181+01
Inpl. 18" X 30' CMP
Remove
Install 24" X 40' R.C. Pipe Culvert
2-24" R.C. Pipe Aprons
Place Culvert on "B" Bedding
Const. Ditch Block Right

CL. 0.11 Acres — GR. 0.11 Acres
CL. 5 — GR. 5
CL. 0.19 Acre — GR. 0.19 Acre

B.M. Elev. 1243.43
Spk. in T.P. 30' Lt.
Sta. 158+30

B.M. Elev. 1197.55'
X painted on S.W. Cor. Hdwl. 20' Lt.
Sta. 164+20

B.M. Elev. 1254.11
Hub 36' Rt.
Sta. 173+36

B.M. Elev. 1214.88
Spk. in T.P. 21' Lt.
Sta. 179+31

℄ Subgrade Elevation

Elev. 49.18013

P.V.C. +26.71232
Elev. 50.08013

Profile 75' Lt.
Profile 75' Rt.

P.I. +26.71232
Elev. 50.08013
600' V.C.
M= 5.475

-7.0%

P.V.T. +26.71232
Elev. 29.08986

P.V.C. +84.44444
Elev. 18.03889

P.I. +34.44444
Elev. 00.53889
500' V.C.
M= 8.4375

P.V.T. +84.44444
Elev. 16.78888

+6.5%

P.V.C. +15.0
Elev. 31.775

Subgrade Treatment:
Excavate 1.0' Below Profile Grade
Sta. 167+25 to Sta. 175+30

P.I. +50
Elev. 60.05
870' V.C.
M=14.68125

P.V.T. +85.0
Elev. 29.6

P.V.C. +00
Elev. 28.55

-1.0%

P.I. +00
Elev. 14.55
400' V.C.
M=3.0

P.V.T. +00
Elev. 12.55

P.V.C. +54.54545
Elev. 12.00455

-1.0%

P.I. +04.54545
Elev. 09.50455
500' V.C.
M=3.4375

Inlet Elev. 12.0
Outlet Elev. 10.3

Inlet Elev. 82.0
Outlet Elev. 75.0

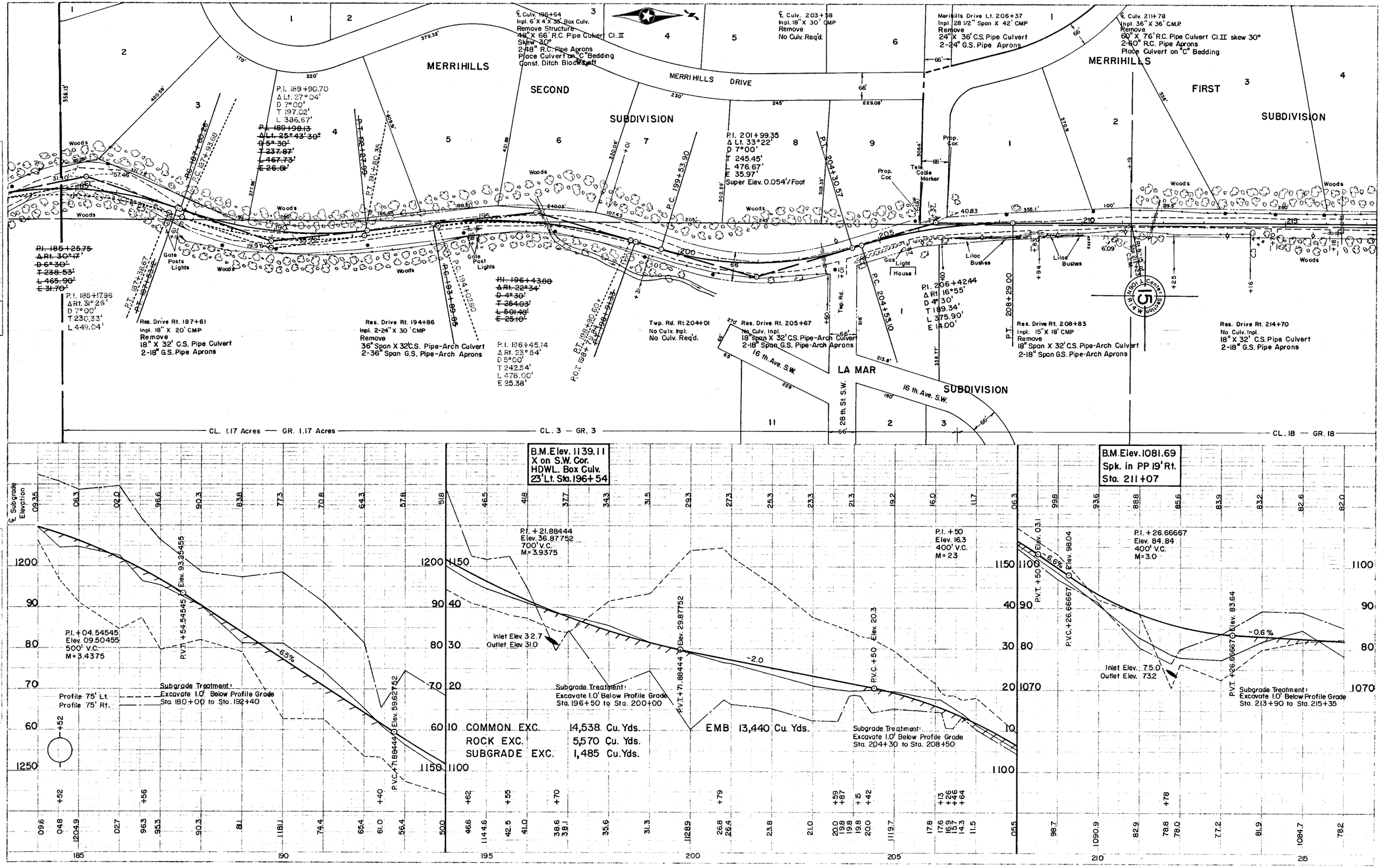
COMMON EXC. 13,761 Cu. Yds. EMB 9,040 Cu. Yds.
SUBGRADE EXC. 2,382 Cu. Yds.

COMMON EXC. 8,832 Cu. Yds. EMB 6,193 Cu. Yds.
SUBGRADE EXC. 817 Cu. Yds.

COMMON EXC. 3,936 Cu. Yds.
SUBGRADE EXC. 234
EMB 2,860 Cu. Yds.

COMMON EXC. 3,204 Cu. Yds. EMB 3,060 Cu. Yds.
ROCK EXC. 1,260 Cu. Yds.
SUBGRADE EXC. 322 Cu. Yds.

PLAN
PROFILE
SURVEYED
DRAWN
NOTE BOOK
NO.
ALIGNMENT CHECKED
RT. OF WAY CHECKED



OLMSTED COUNTY, MINN. C.P. C147-73-4 C.R. "147" SHEET 5 OF 23 SHEETS

℄ Culv. 216+37
Inpl. 18" X 26' CMP
Remove
24"X 82' R.C. Pipe Culvert
Cl. III skew 15°
2-24" R.C. Pipe Aprons
Place Culvert on "C" Bedding
F & I Approved Joint Fasteners

℄ Culv. 221+74
Inpl. 18" X 24' CMP
Remove
24"X 58' R.C. Pipe Culvert Cl. II
2-24" R.C. Pipe Aprons
Place Culvert on "C" Bedding
Place Ditch Block Right
F & I Approved Joint Fasteners

Res. Drive Lt. 233+21
Inpl. 15" X 20' CMP
Remove
18"Span X 32' C.S. Pipe-Arch Culvert
2-18" span Pipe-Arch Aprons

Res. Drive Lt. 236+66
Inpl. 15" X 30' CMP
Remove
18" Span X 32' C.S. Pipe-Arch Culv.
2-18" Span G.S. Pipe-Arch Aprons

Twp. Rd. Lt. 237+73
No Culv. Inpl.

Res. Drive Lt. 235+08
Inpl. 15" X 18' CMP
Remove
18" Span X 32' C.S.Pipe-Arch Culvert
2-18" Span G.S. Pipe-Arch Aprons

MERRIHILLS FIRST SUBDIVISION

LENWOOD HEIGHTS

BROOK LANE

LENWOOD DRIVE

Park

C86X44' Conc. Box
No Change

Sta. 240+40
County to Furnish 72" High X 52' R.C. Cattle Pass Culvert
County to Install 72" High X 84' R.C. Cattle Pass Culvert
(1 Apron Included in length)
Contractor to Furnish 72" High X22' R.C. Cattle Pass Culvert Cl. II
Contractor to Furnish 72" High R.C. Cattle Pass Apron (Inlet End)
Place Cattle Pass on "B" Bedding

P.O.T. 241+51.97

Construct 40' Shoulder Radius

END C.P. C147-73-4
Sta. 241+51.97

~~P.I. 231+22.36~~
~~Δ Lt. 8°23'~~
~~D 1°30'~~
~~T 279.95'~~
~~L 558.89'~~
~~E 19.25'~~

~~P.C. 226+62.41~~

~~P.I. 220+96.33~~
~~Δ Rt. 22°09'30"~~
~~D 3°00'~~
~~T 373.98'~~
~~L 738.61'~~

~~P.T. 234+58.96~~
~~P.I. 224+75.83~~

P.I. 221+11.24'
Δ Rt. 22°09'30"
D 3°00'
T 373.98'
L 738.61'

P.I. 231+63.51
Δ Lt. 8°23'
D 1°30'
T 279.95'
L 558.89'
Super Elev. 0.02'/Foot

P.C. 234+01.30

P.T. 234+42.46

P.C. 237+88.28

P.I. 239+54.71
Δ Lt. 44°15'
T 166.43'
L 316.07'
D 14°00'
E 38.53'

P.T. 241+04.35

Tele
Cable
Marker Bushes

House

T.P. & L.P.

Stone Wall

R.O.W. Marker

Inpl. 36" CMP

FE Rt. 216+18
Inpl. 18 " X 30' CMP
Remove
18" X 28' C.S. Pipe Culvert
2-18" G.S. Pipe Aprons

FE Lt. 224+60
No Culv. Inpl.
No Culv. Reqd.

Res. Drive Rt. 234+15
Inpl. 30" X 15" X 34' CMP
Remove
24" X 32' C.S. Pipe Culvert
2-24" G.S. Pipe Aprons

Twp. Rd. Rt. 237+73
Inpl. 30" X 34' CMP
Remove
30" X 36' C.S Pipe Culvert
2-30" G.S. Pipe Aprons

CL. 0.63 Acres — GR. 0.63 Acre — CL. 42 — GR. 37

B.M. Elev. 1075.64
Spk. in T.P. 22' Lt.
Sta. 225+81

B.M. Elev. 1036.46
Spk. in T.P. 17' Lt.
Sta. 237+39

℄ Subgrade Elevation

Inlet Elev. 77.5

Inlet Elev. 76.0

Outlet Elev. 69.0

Outlet Elev. 61.3

-0.6%

P.V.C. +90.0 Elev. 77.26

P.I. +90.0
Elev. 76.06
400' V.C.
M=1.5

P.V.T. +90.0 Elev. 68.36

-3.6%

P.I. +58.53658
Elev. 23.19269
100' V.C.
M=0.5125

P.V.C. +08.53658
Elev. 25.00731

P.V.T. +08.53658
Elev. 23.44268

+0.5%

Inlet Elev. 10.0
Outlet Elev. 09.5

Subgrade Treatment:
Excavate 1.0' Below Profile Grade
Sta. 216+90 to Sta. 230+50

Subgrade Treatment:
Excavate 1.0' Below Profile Grade
Sta. 232+40 to Sta. 239+10

Profile 75' Lt.
Profile 75' Rt.

COMMON EXC.	10,938	Cu. Yds.
ROCK EXC.	5,292	Cu. Yds.
SUBGRADE EXC.	1,379	Cu. Yds.

EMB 12,354 Cu. Yds.