FORM 100-A '65

PLANS SYMBOLS

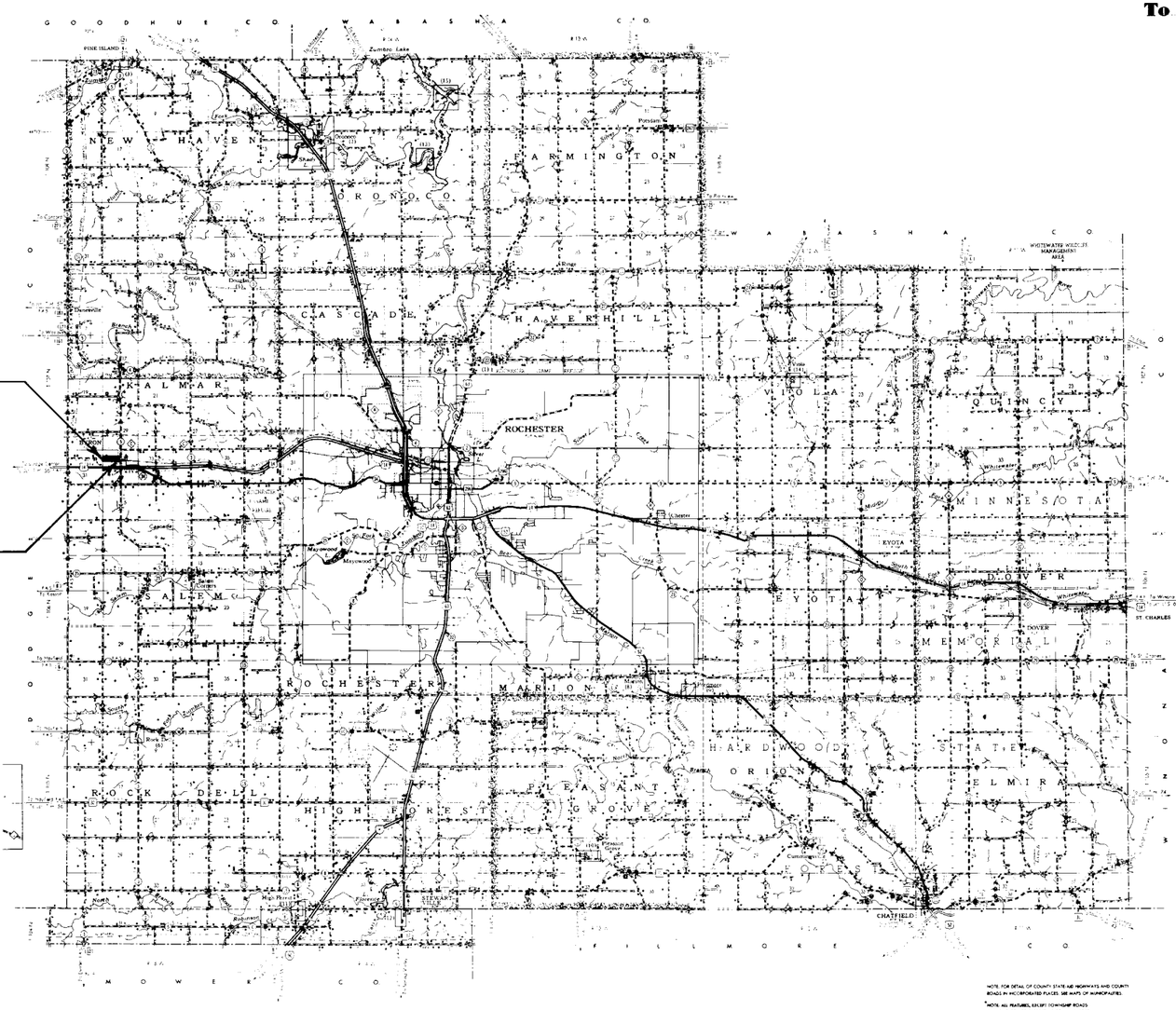
STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
RIGHT-OF-WAY LINE
PRESENT RIGHT-OF-WAY LINE
CONTROL OF ACCESS LINE
PROPERTY LINE (Except Land Lines)
VACATED PLATTED PROPERTY
CORPORATE OR CITY LIMITS
TRUNK HIGHWAY CENTER LINE
RETAINING WALL
RAILROAD
RAILROAD RIGHT-OF-WAY 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 (C-L)
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
(TIMBER)
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 (G)
WATER MAIN (I)
CONDUIT
TELEPHONE CABLE IN CONDUIT (T)
ELECTRIC CABLE IN CONDUIT (P)
TELEPHONE MANHOLE (T)
ELECTRIC MANHOLE (P)
BURIED TELEPHONE CABLE (T-BUR)
BURIED ELECTRIC CABLE (P-BUR)
AERIAL TELEPHONE CABLE (T-AE)
SEWER, (SANITARY OR STORM)
SEWER MANHOLE

Begin CP C-66
Sta. 100 + 00

End CP C-66
Sta. 126 + 37.84



NOTE: FOR DETAIL OF COUNTY STATE AID HIGHWAYS AND COUNTY ROADS IN INCORPORATED PLACES, SEE MAPS OF MUNICIPALITIES

NOTE: ALL FEATURES, EXCEPT TOWNSHIP ROADS AND CULTURE, ARE CURRENT AS OF JAN. 1, 1965

Fed. Proj. No.

STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS

CONSTRUCTION PLAN FOR Grading and Crushed Rock Base Inplace

COUNTY STATE AID HIGHWAY NO. C

BETWEEN West Line of Section 32 **AND** CSAH 5

From SW Corner NW 1/4 NW 1/4 Section 32 T107N–R15W
Give proper reference to Sections, Township and Range

To SE Corner NE 1/4 NW 1/4 Section 32 T107N-R15W

GROSS LENGTH	2637.84	FEET	.50 MILES
BRIDGES-LENGTH	0	FEET	0 MILES
EXCEPTIONS-LENGTH	0	FEET	0 MILES
NET LENGTH	2637.84	FEET	.50 MILES

INDEX OF SHEETS

Sheet No. 1	Title Sheet & Layout Map	
" No. 2	Est. Quantities & Typical Sec.	
" No. 3	Plan & Profile	
" No. 4	To 7	Cross Sections

DESIGN SPEED _____ M. P. H.

PROJECTED A. D. T. _____

_____ TON DESIGN

SOIL FACTOR _____

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.

D. J. Sullivan — DATE 4-19-66
COUNTY ENGINEER

C. Olmsted — COUNTY REG. NO. 12077

RECOMMENDED FOR APPROVAL _____ , 19__
DISTRICT STATE AID ENGINEER

RECOMMENDED FOR APPROVAL _____ , 19__

APPROVED _____ , 19__
STATE AID ENGINEER

— SPECIFICATIONS —

STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION DATED JANUARY 1, 1964 AS AMENDED BY "SUPPLEMENTAL SPECIFICATIONS" DATED FEBRUARY 1, 1966 SHALL GOVERN.

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

Olmsted County, Minnesota. County Proj. No. C-66 Plan No. _____ Sheet 1 of 7 Sheets

ALBINSON, INC.
MINNEAPOLIS, MINN. 55415

FORM 129c - No. 2 Rev. '

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SEC.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	MINN.					

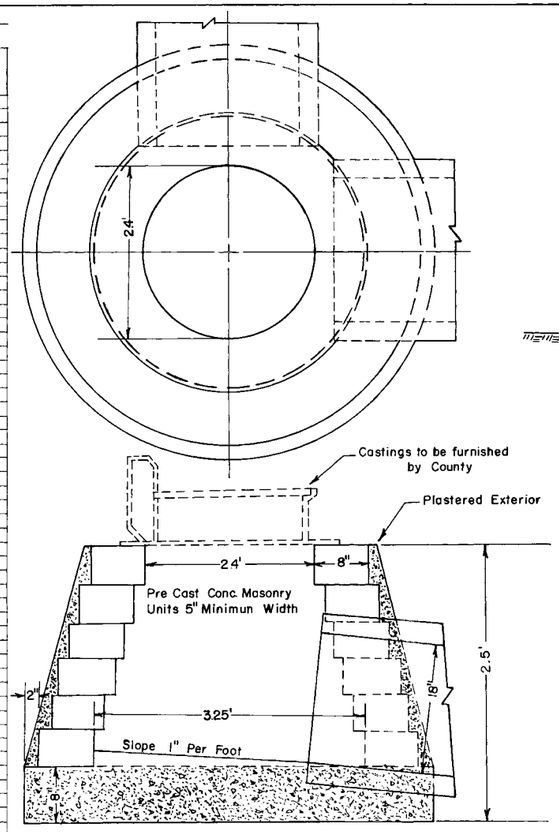
ESTIMATED QUANTITIES

SPECIFICATION NO.	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	MUNICIPAL	RURAL
2104.501	Remove Portable Culverts	Linear Foot	80		
2104.520	Remove Concrete Box Culvert (℄ Sta. 100+08)	Structure	One		
2104.520	Remove Concrete Box Culvert (℄ Sta. 121+69)	Structure	One		
2105.501	Class A Excavation	Cu. Yd.	8972		
2506.507	Construct Catch Basin, Design C	Linear Foot	2.5		
2130.501	Water	M. Gal.	44		
2210.527	Crushed Rock Base Inplace	Cu. Yd.	1760		
2501.511	F & I 18" CMP Culvert	Linear Foot	186		
2501.512	F & I 18" Span CMP-A Culvert	Linear Foot	64		
2515.531	F & I Metal Apron for 18" CMP	Apron	5		
2515.532	F & I Metal Apron for 18" Span	Apron	4		

STANDARD DETAIL PLATES

Standard Detail Plates issued October 1, 19 and submitted for approval by the Division Engineer of the Public Roads Administration October 15, 19 shall govern

PLATE NO.	STANDARD DETAIL PLATES
3040	Corrugated Metal Pipe Arch
3122 C	Metal Apron for CM Pipe Arch Culvert
3123 C	Metal Apron for CM Pipes
4002 C	Masonry Catch Basion
9000	Approaches and Enterances

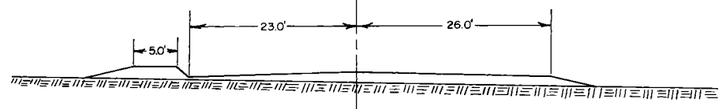


Note: Material from the 10' of the natural topsoil shall not be used in the upper 10' of the roadway. Part of this material shall be uniformly spread on slopes and ditch bottoms to a depth of 3". No payment in addition to the contract price for Class "A" excavation will be made for spreading the topsoil as above provided, nor will any undercutting made in excavation prior to placing the topsoil, be measured for payment.

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

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

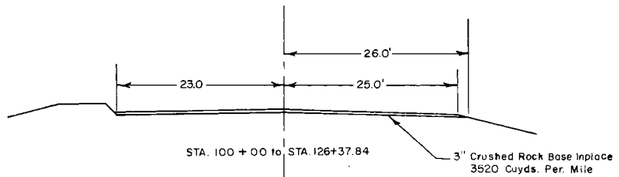
TYPICAL GRADING SECTIONS



STA. 100+00 to STA. 126+ 37.84

SPECIAL DETAILS

TYPICAL BASE & SURFACE SECTIONS



STA. 100 + 00 to STA. 126+37.84

H.A. ROGERS CO. MPLS. MINN.

OLMSTED County, Minn. Proj. No. CP C-66 Plan No. _____ Sheet No. 2 of 7 Sheets

100+08 Centerline Culv. with Headwalls
Inplace 24" X 26' Poured Concrete
Remove
F&I. 18" X 62' C.M.P.
F&I. 2-18" Metal Aprons
For C.M.P.

105+32 F.E. Left
Inplace 18" X 28' C.M.P.
Remove
No Culv. Req'd.

112+40 F.E. Left
No Culv. Inpl.
No Culv. Req'd

116+00 Const. F.E. Left
F&I. 18" Span X 32' C.M.P. A
F&I. 2-18" Span Metal Aprons
For C.M.P.-A

121+69 Centerline Culv. with Headwalls
Inplace 2.3' X 26' Poured Concrete
Remove
F&I. 18" X 62' C.M.P.
F&I. 2-18" Metal Aprons
For C.M.P.

126+37.8 Centerline C.S.A.H. No. 5

Proposed Construction Line
3.5' North on Section Line
Sta. 100+00

Inpl. 1/2" Rod

90° 33' 30"

31+32

105 | 110 | 115 | 120 | 125

+32 | +35 | +40 | +29 | +29 | +72 | +73

POT 113+18.22

89° 27' 30"

Inpl. Iron Rod

Proposed Construction Line
10.0' North on Quarter Line
Sta. 126+37.84

Inpl. 3/4" Rod

48.52

40 75

Baseball Backstop

Parking Lot

105+35 F.E. Right
No Culvert Inplace
F&I. 18" Span X 32' C.M.P.-A
F&I. 2-18" Span Metal Aprons
For C.M.P.-A

113+29 F.E. Right
No Culvert Inplace
No Culv. Req'd

124+73 Church Ent. Right
Inplace 2-24" X 26' C.M.P.
Remove
No Culv. Req'd.

126+04 Lt.
Const. Manhole
+8' of 18" C.M.P.
2.5 Linear Feet

126+04 ℄ Culv.
F&I. 18" X 54' C.M.P.
F&I. 1-18" Metal Apron
For C.M.P.

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
PROFILE
NOTE BOOK
ALIGNMENT CHECKED
PROFILE CHECKED

B.M. Elev. 1254.72'
Spk in TP
Sta. 113+40

Finished ℄ Subgrade

P.I. + 89.47368
ELEV. 40.5053
600' V.C.
M= 1.425

P.I. + 20
ELEV. 51.58
1000' V.C.
M= 3.125

P.I. + 00
ELEV. 37.50
300' V.C.
M= 1.1625

-1.0%

+0.9%

-1.6%

+1.5%

Elev. 43.50527

Elev. 43.20526

Elev. 47.08

Elev. 43.58

Elev. 39.9

Elev. 39.75

P.V.C. + 89.47368

P.V.T. + 89.47368

P.V.C. + 20

P.V.T. + 20

P.V.C. + 50

P.V.T. + 50

Inlet Elev. 39.8
Outlet Elev. 39.5

Inlet Elev. 35.9
Outlet Elev. 35.6

Inlet Elev. 40.5
Outlet Elev. 40.0

Left
Right
Centerline

EXC. 667
EMB. 465

+20

EXC. 618
EMB. 420

+00

EXC. 7687
EMB 3851

+37.8

Present ℄ Grades

100 | 105 | 110 | 115 | 120 | 125