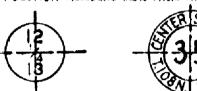
#### CONVENTIONAL SIGNS

CONVENTIONAL SIGNS		ABBREVIATIONS	
STATE LINE		EXCAVATIONEXC.	
COUNTY LINE		EARTHE.	
TWP. OR RANGE LINE		LOOSE ROCKLR.	
SECTION LINE		SOLID ROCKSR.	
RIGHT OF WAY LINE		EMBANKMENTF.	
CORPORATE OR CITY LIMITS		OVERHAUL H.	
ROAD CENTER LINE	P. 42 3	SURFACINGS.	
RETAINING WALL	2 1/2	HAND DITCHING	
RAILROADS		SPECIAL EXCAVATIONSE	
CREEK	E TANK THE PARTY OF THE PARTY O	SPECIAL PLOWINGS.P.	
DRY RUN		GUARD RAIL G.R.	
DRAINAGE DITCH	===:==	CORRUGATED METAL CULVERTC.M.CULV.	
POWER POLE LINE	<del>-</del>	SECTIONAL CONCRETE CULVERTRCULV.	
TELEPHONE OR TELEGRAPH LIN	<b>E                              </b>	SECTIONAL CONCRETE CULVERT (Heavy Type)_B CULV	
CULVERTS - PLAIN	========	TON MILES	
WITH FNDWALLS		TELEPHONE POLETEL.P.	
WITH WINGWALLS	>=========(	POWER POLE	
DROP INLET	🗢 a z z z z z z z z z z z z z z z z z z	PLACEP.	
FENCE LINE		INPLACEINP	
GRAVEL PITSAND PIT		REPLACE REP.	
SAND PIT	<b>©</b>	RIGHTRT.	
CLAY PIT		LEFTLI	
ROCK QUARRY	<u>-</u>	INTERSECTION ANGLE	
SPRIN69		RADIUS	
MARSH	and the same of the same of	TANGENTT	
BRUSH OR TIMBER		LENGTH OF CURVE	
HED6E		POINT OF CURVE	
ROCK LEDGE		POINT OF TANGENT	
SAND.	The second of the second of the second	POINT OF INTERSECTION	
EDGE OF CUT		VERTICAL CURVE	
TOE OF EMBANKMENT		BENCH MARKBM	
RAILROAD R/W LINE		ELEVATIONEL	
BUILDING (One Story Frame) $_{-}$ .		ACRESA	

01011111110000000000000000000000000000	
SURFACING	5.
HAND DITCHING	H.D.
SPECIAL EXCAVATION	SE
SPECIAL PLOWING	S.P
GUARD RAIL	G.R.
CORRUGATED METAL CULVERTC	.M.CULV.
SECTIONAL CONCRETE CULVERT	
SECTIONAL CONCRETE CULVERT (HeavyType).	R CULV
TON MILES	J.M.
TELEPHONE POLE	
POWER POLE	
PLACE	P.
INPLACE	INP
REPLACE	REP.
RIGHT	
LEFT	LT
INTERSECTION ANGLE	
THICKNEY INTO THE COMMENTS OF THE PROPERTY.	

ABBREVIATIONS

NOTE: SECTION NUMBERS READ FROM THE SOUTH





## STATE OF MINNESOTA

# DEPARTMENT OF HIGHWAYS

# Plan and Profile of Co. Aid Road No. 41

JCT. S.A.R. NO.7 APPROX. I/4 MILE N.W. Fromwest V4 COR. SEC. 31 J. 33N. R.22W. To OF THE S.W. COR. SEC. 19 T. 33N. R.22W.

Give proper reference to Sections, Township and Range

> GROSS LENGTH-19,579.6FEET 3.71\_MILES LENGTH OF EXCEPTIONS NONE FEET NONE MILES NET LENGTH 19,579.6 FEET 3.71 MILES

PROFILE. Horz. Inch == WORKING PLANS Vert. Inch = Feet

Cross-Section, Inch =

### INDEX OF SHEETS

Sheet No. 1. Title Sheet and Layout Map " No. 2. Typical Cross-Sections and Statement

#### SPECIFICATION REFERENCE:

The specifications for Highway Construction, dated July 1, 1947, and submitted for approval by the Division Engineer of the Bureau of Public Roads October 15, 1947, as modified by 'supplement I' thereto dated April 15, 1953, and submitted for approval by the Division Engineer of the Bureau of Public Roads on March 25, 1953, shall govern.

> I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL

END C.P. 54-08-02 STA.135 + 73.6 BEGIN C.P. 54-08-02 STA. 0+00

PLANNED BYE.S. VEVEA	1956
COUNTY ENGINEER FOR ANOKA	COUNTY
RECOMMENDED FOR APPROVALDISTRICT	ENGINEER 19
RECOMMENDED FOR APPROVAL ENGINEER OF C	OUNTY DIVISION
APPROVED 19ENGINEE	R OF PLANS AND SURVEYS

DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS

APPROVED

DISTRICT ENGINEER

Minn. Proj.

C. P. No. 54-08-02

Plan No. \_\_\_\_ Sheet No. \_1 of 2 Sheets.

FORM 129 C - # 1 REV. '46 ESTIMATED QUANTITIES TOTAL ESTIMATED QUANTITIES SPECIFICATION SPECIAL DETAILS TYPICAL GRADING SECTIONS BITUMINOUS MAT'L. (A.C.) 200-300 PEN.) GALLON 83,539 2202.503 52,212 BITUMINOUS STABILIZED BASE 2207.512 BITUMINOUS MAT'L. FOR FOG SEAL BITUMINOUS MAT'L, FOR SEAL COAT GALLON 2356.505 SEAL COAT AGGREGATE 2356.506 TYPICAL BASE & SURFACE SECTIONS BITUMINOUS SEAL COAT VARIABLE BACKSLOPE SLOPE 14 PER FOOT 4 BITUMINOUS SAND STABILIZING STANDARD DETAIL PLATES Standard Detail Plates issued October 1, 1947, and approved by the Public Roads Administration April 1, 1943, with revisions Approved Feb. 24, 1949, shall govern. BASIS FOR COMPUTATION OF QUANTITIES BIT, MAT'L. FOR MIXTURE - 04 GAL. PER. SQ. YD. (A.C.-) 200-300 PEN.) PER INCH OF DEPTH OF COMPACTED THICKNESS (0.4X 4"= 1.60 GAL. PER. SQ. YD.) STANDARD DETAIL PLATES BIT, MAT'L. FOR FOG SEAL 0.10 GAL. PER. SQ. YD. (M.C.O.-1-2) (52,212 SQ.YDS.XO.10 = 5,221 GALLONS.) BIT. MAT'L. FOR SEAL COAT 0.25 GAL. PER. SQ. YD. (A.C.I-150-200 PEN.) (52,212 SQ. YDS. X 0.25 = 13,053 GALLONS) SEAL COAT AGGREGATE (FA.2) 25LBS. PER. SQ. YD. (52,212 SQ. YDS. X 25 LBS. =652 TONS.) ANOKA County, Minn. Proj. No. Plan No. Sheet No. 2 of 2 Sheets. C.P. 54-08-02