

STATEMENT OF ESTIMATED QUANTITIES S.A.P. 62-665-14

ITEM NO.	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	UNIT PRICE	AMOUNT
2104.503	REMOVE CONCRETE SIDEWALK	S.F.	6358	25	7947 50
2104.501	REMOVE CONCRETE CURB AND GUTTER	L.F.	430	30	559 00
2104.501	REMOVE 15" R.C.P.	L.F.	51	4 50	229 50
2104.509	REMOVE CATCH BASIN	EA.	2	200 00	400 00
2104.523	SALVAGE CASTING	EA.	3	75 00	225 00
2104.509	REMOVE PEDESTAL FOUNDATION	EA.	1	200 00	200 00
2211.501	AGGREGATE BASE CLASS 6	TON	258	6 60	1702 80
2301.501	8" NON-REINFORCED CONCRETE PAVEMENT	S.Y.	454	13 20	5992 80
2301.521	STRUCTURAL CONCRETE	C.Y.	101	80 00	8080 00
2301.529	REINFORCEMENT BARS	LB.	294	1 00	294 00
2503.501	15" R.C.P. SEWER CLASS IV	LF	45	30 00	1350 00
2506.509	CONSTRUCT CATCH BASIN DESIGN R.C.-2	EA.	1	900 00	900 00
2506.516	CASTING ASSEMBLIES (#712, #700-7)	EA.	1	200 00	200 00
2506.509	CONSTRUCT CATCH BASIN DESIGN LP-4M	EA.	1	2000 00	2000 00
2506.521	INSTALL CASTINGS	EA.	1	75 00	75 00
2521.501	4" CONCRETE SIDEWALK	S.F.	2380	2 00	4760 00
2531.501	CONCRETE CURB & GUTTER DESIGN B618	L.F.	425	8 60	3655 00
565.602	RELOCATE HANDHOLE	EA.	1	500 00	500 00
				TOTAL	39070 60

Rev. Price only
6-7-79 *Pub*

PLANS SYMBOLS

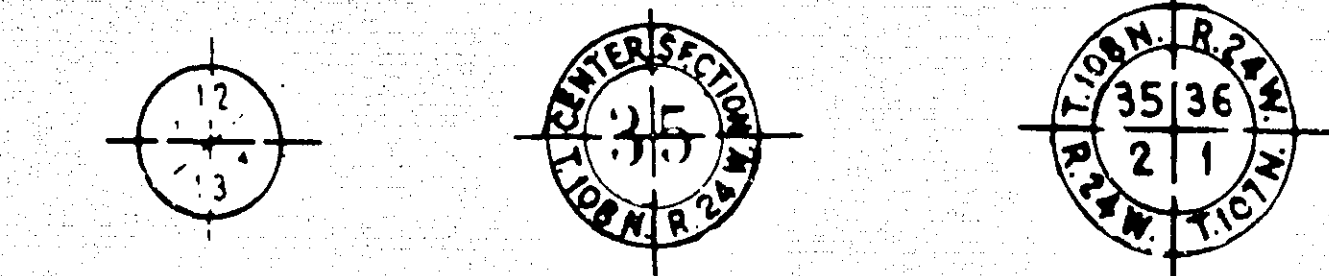
STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER LINE
SIXTEENTH LINE
RIGHT OF WAY LINE
PRESENT RIGHT OF WAY LINE
CONTROL OF ACCESS LINE
PROPERTY LINE (Except Land Lines)
VACATED PLATTED PROPERTY
CORPORATE OR CITY LIMITS
TRUNK HIGHWAY CENTER LINE
RETAINING WALL
RAILROAD
RAILROAD RIGHT OF WAY LINE
RIVER OR CREEK
DRY RUN
DRAINAGE DITCH
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
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
SAND PIT
BORROW PIT
ROCK QUARRY

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



PIT DATA

PIT NO. Located in
Dead Haul
PIT NO. Located in
Dead Haul

SPECIFICATION REFERENCE

THE 1978 EDITION OF THE MINNESOTA DEPARTMENT
OF TRANSPORTATION "STANDARD SPECIFICATION FOR
HIGHWAY CONSTRUCTION" SHALL GOVERN.

WHITE BEAR AVE.
AT
BEAM AVE.

GROSS LENGTH 400 FEET = 0.0758 MILES
BRIDGES-LENGTH FEET = MILES
EXCEPTIONS-LENGTH FEET = MILES
NET LENGTH 400 FEET = 0.0758 MILES

PLAN, 1" = 50'
PROFILE, HORZ., 1" = 40'
PROFILE, VERT., 1" = 5'
CROSS SECTIONS, 1" = 5'
LAYOUT, 1" = 5,280'

OFFICE OF COUNTY ENGINEER RAMSEY COUNTY

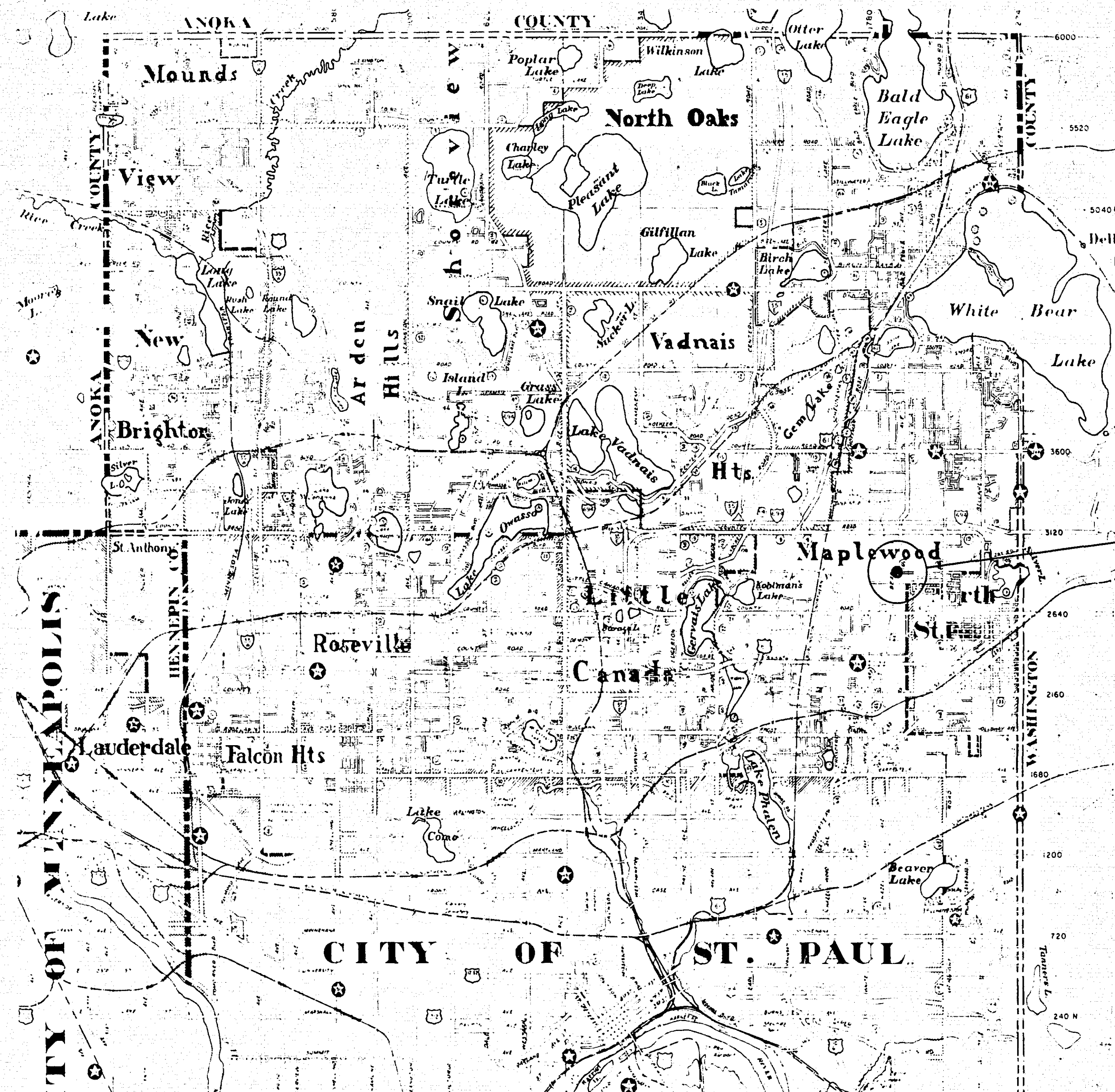
WHITE BEAR AVE.
AT
BEAM AVE.

IN MAPLEWOOD
CONSTRUCTION PLAN FOR LEFT TURN LANE
S.A.P. NO. 62-665-14A ACCOUNT NO. 50188

INDEX

SHEET NO. 1
2
DESCRIPTION
TITLE SHEET
CONSTRUCTION PLAN

PROJECT LOCATION
S.A.P. 62-665-14A



DESIGN DESIGNATION

ADT (CURRENT YEAR) 1979 = 15,125
ADT (FUTURE YEAR) 2000 = 24,000
HC = 6%
PEAK HR. % = 10%

REVISED	DATE	DESIGNED BY	DRAWN BY	CHECKED BY

RECOMMENDED FOR APPROVAL DATE 3-9-79
RECOMMENDED FOR APPROVAL DATE 3-8-79
RECOMMENDED FOR APPROVAL DATE 3-7-79
RECOMMENDED FOR APPROVAL DATE 3-7-79
RECOMMENDED FOR APPROVAL DATE 3-6-79
RECOMMENDED FOR APPROVAL DATE 3-7-79
APPROVED DATE 3-9-79

I hereby certify that this plan, specification,
or report 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 3-12-79 Reg. No. 13501

RECOMMENDED FOR APPROVAL DATE 6/22/79
APPROVED DATE 8/20/79
APPROVED DATE 6/18/79
APPROVED DATE

MINNESOTA STATE HIGHWAY DEPARTMENT
RECOMMENDED FOR APPROVAL DATE 7-30-79
RECOMMENDED FOR APPROVAL DATE 7/20/79
APPROVAL DATE 7/30/79

S.A.P. NO. 62-665-14A

Sheet No. 1 of 2 Sheets

STATEMENT OF ESTIMATED QUANTITIES				
ITEM NO.	ITEM	UNIT	TOTAL ESTIMATED QUANTITIES	FINAL QUANTITIES
2104.503	REMOVE CONCRETE SIDEWALK	S.F.	6,358	
2104.501	REMOVE CONCRETE CURB AND GUTTER	L.F.	430	
2104.501	REMOVE 15" R.C.P.	L.F.	51	
2104.509	REMOVE CATCH BASIN	EA.	2	
2104.523	SALVAGE CASTING	EA.	3	
2104.509	REMOVE PEDESTAL FOUNDATION	EA.	1	
2211.501	AGGREGATE BASE CLASS 6	TON	258	
2301.501	8" NON-REINFORCED CONCRETE PAVEMENT	S.Y.	454	
2301.521	STRUCTURAL CONCRETE	C.Y.	101	
2301.529	REINFORCEMENT BARS	LB.	294	
2503.501	15" R.C.P. SEWER CLASS IV	LF	45	
2506.509	CONSTRUCT CATCH BASIN DESIGN R.C.-2	EA	1	
2506.516	CASTING ASSEMBLIES (#712, #700-7)	EA.	1	
2506.509	CONSTRUCT CATCH BASIN DESIGN LP-4M	EA.	1	
2506.521	INSTALL CASTINGS	EA.	1	
2521.501	4" CONCRETE SIDEWALK	S.F.	2,380	
2531.501	CONCRETE CURB & GUTTER DESIGN B618	L.F.	-425	
565.602	RELOCATE HANDHOLE	EA.	1	

SCALE: 1" = 20'

20'

12' 15' 5' 15'

S = 0.01 S = 0.015 S = 0.01

L2KT OR L3

EXIST. B618 C.&G. (REMOVE)

SEE DETAIL BELOW

EXIST. B618 C.&G. (SAVE)

4" CONCRETE SIDEWALK

EXISTING CLASS 5

6" AGGREGATE BASE CLASS 6

EXISTING 3" RIGID STEEL CONDUIT

EXISTING C.B. — SALVAGE CASTING FURNISH MN/DOT 712,700-7 CASTING ASSEMBLY, INSTALL CASTING

CONST. L3 JOINT

EXIST. L2KT JOINT

SAWCUT TO BOTTOM OF EXISTING TIE BARS. BREAK OFF REMAINING PAVEMENT CLEANLY. CONSTRUCT L3 JOINT INCIDENTAL TO ITEM 2301501 8" NON-REINFORCED CONCRETE PAVEMENT

EXISTING C.B. — REMOVE, SALVAGE CASTING

REMOVE R.C.P.

EXISTING PEDESTAL FOUNDATION & R.S.C. REMOVE

EXISTING R.C.P. — REMOVE

RELOCATE EXISTING H.H.

CONSTRUCT 12 L.F. 15" R.C.P. CL. IV

CONSTRUCT C.B. DESIGN R.C.-2 USE SALVAGED CASTING

27+00

3' 5' 8'

CONST. LP-4 MODIFIED C.B.

CONST. 24' x 15" R.C.P. CL. IV BEGIN C&G

EXISTING C.B. — REMOVE, SALVAGE CASTING

CONST. MEDIAN HOLE

REMOVE R.C.P.

CONST. CURB JOINTS AS SHOWN

PLUG PIPE HERE (INCIDENTAL)

EXISTING CURB

EXISTING C.B. TO REMAIN IN PLACE

CONST. 8 L.F. 15" R.C.P. CL. IV

EXISTING R.C.P. — REMOVE

RELOCATE EXISTING H.H. TO CENTER OF RECONSTRUCTED MEDIAN.

PLAN VIEW

SCALE: 1" = 5'

0003 A	SPECIFICATION REFERENCE TO STANDARD PLATES (1978)
1016 F	CONCRETE PAVEMENTS NON-REINFORCED
1100 L	EXPANSION JOINTS
1120 Q	CONTRACTION JOINTS
1140 Q	LONGITUDINAL JOINTS
1141 B	PAVEMENT KEYWAY FOR KEYED JOINT CONSTRUCTION
3000 H	REINFORCED CONCRETE PIPE
3006 C	GASKET JOINT FOR REINFORCED CONCRETE PIPE
4021 C	PRECAST CURB OPENING CATCH BASIN
7100 E	CONCRETE CURB AND GUTTER
8000 F	STANDARD BARRICADES

CATCH BASIN DESIGN NO. R.C. - 2

FRONT VIEW

SIDE VIEW

NOTE: UNITS TO BE PRECAST ONLY ON THE
PROJECT UNDER PROJECT INSPECTION.

MICROFILMED
RAMSEY CO. ENGR.

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