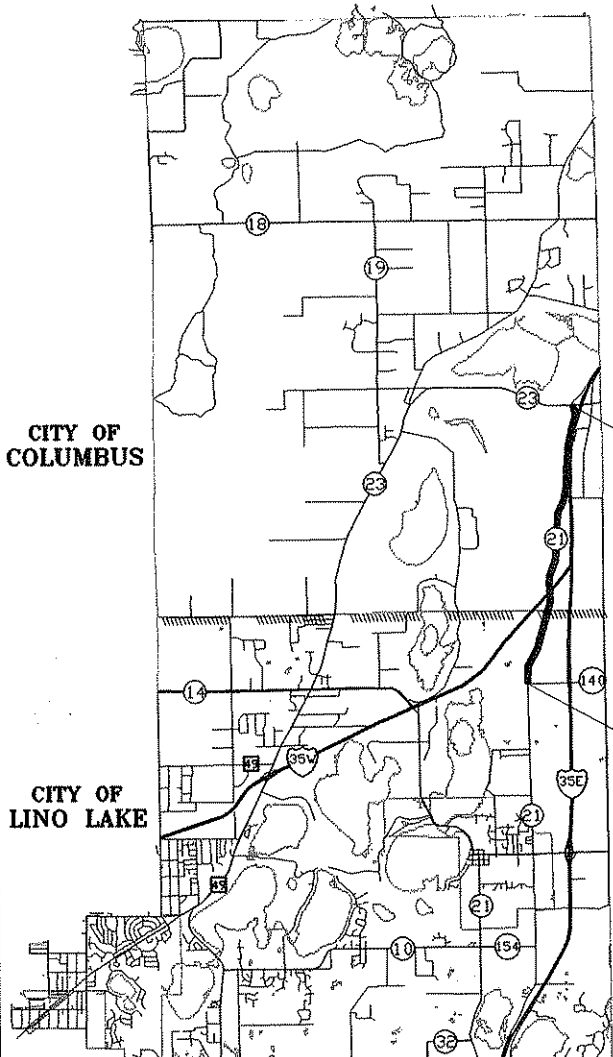
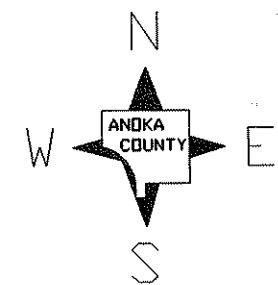


STATE OF MINNESOTA
 DEPARTMENT OF TRANSPORTATION
 CONSTRUCTION PLAN FOR COLD INPLACE RECYCLING
BITUMINOUS SURFACING AND
AGGREGATE SHOULDERING

COUNTY STATE AID HIGHWAY NO. 21
 From CO. RD. 140
 To C.S.A.H. 23
 From _____
 To _____

COUNTY PROJECT NO. 95-06-00

GROSS LENGTH 21,360 FEET 4.046 MILES
 BRIDGES LENGTH 298 FEET 0.056 MILES
 EXCEPTIONS LENGTH 0.00 FEET 0.000 MILES
 NET LENGTH 21,062 FEET 3.989 MILES



END C.P. 95-06-00

BEGIN C.P. 95-06-00

DESIGN SPEED

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 MINN.

GOVERNING SPECIFICATIONS

THE 1988 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION", AS AMENDED BY THE "SUPPLEMENTAL SPECIFICATIONS" DATED MAY 2, 1994, SHALL GOVERN.

[Signature] REG. NO. 20235 DATE 6/13/95
 DESIGN ENGINEER

APPROVED 6/13/95 *[Signature]*
 ANOKA COUNTY ENGINEER

ITEM NO	ITEM	UNIT	TOTAL EST. QUANT
2021.501	MOBILIZATION	LUM SUM	1
2221.501	AGGREGATE SHOULDERING, CLASS 5	TON	390
2232.501	MILL BITUMINOUS SURFACE	SQ YD	44
0331.601	COLD RECYCLE INPLACE BIT MIXTURE	SQ YD	56,165
0331.602	BITUMINOUS MATERIAL FOR MIX.(C.I.R.)	TON	358
① 2340.508	TYPE 41 WEARING COURSE MIXTURE	TON	6,233
0340.601	2" THICK BIT. WEAR COURSE	SQ YD	478
2356.505	BITUMINOUS MATERIAL FOR SEAL COAT	GALLON	2,808
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	2,808
2580.501	TEMPORARY LANE MARKING	RD STA	211

① INCLUDES 41 TONS BIT.FOR ENTRANCES

DESIGN DESIGNATIONS:

TYPE 41 WEAR: 41WEA50055Y

BASIS OF PLANNED QUANTITIES

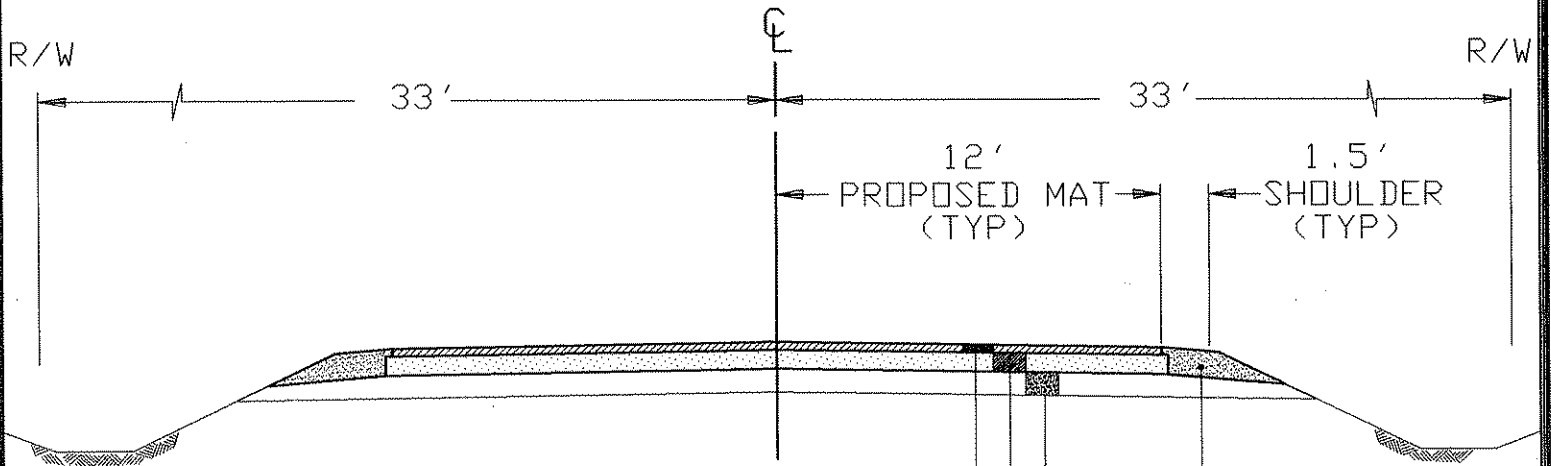
0331 C.I.R. BITUMINOUS MATERIAL. 2.8%

2340 TYPE 41 WEARING COURSE MIX.: 110 LBS./SQ.YD. PER 1" THICK

2357 BITUMINOUS MATERIAL FOR TACK COAT: 0.05 GAL./SQ.YD.

STANDARD DETAIL PLATES	
PLATE NO.	DESCRIPTION
0004 A	SPECIFICATION REFERENCE TO STANDARD PLATES
8000 I	STANDARD BARRICADES

TYPICAL SECTIONS



2" TYPE 41 WEAR
(41WEA50055Y)

INPLACE 5" BIT. SURFACE
4-1/2" FULL WIDTH COLD RECYCLE INPLACE

INPLACE 6" AGGR. BASE
(LEAVE AS-IS)

AGGREGATE SHOULDERING

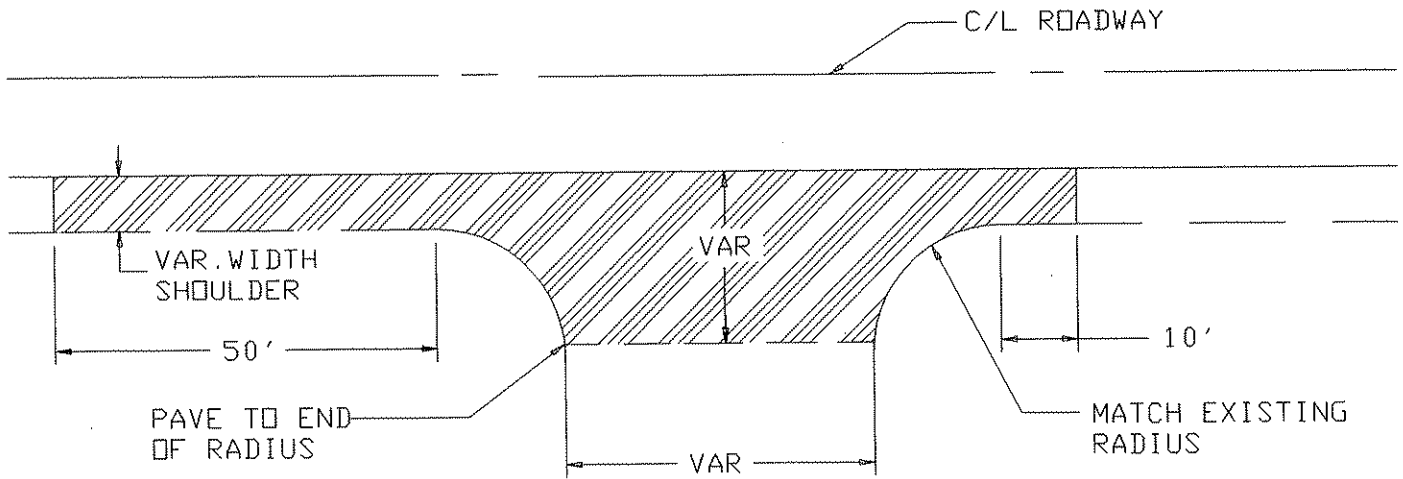
NOTE:

NOT TO SCALE

TYPICAL ENTRANCES

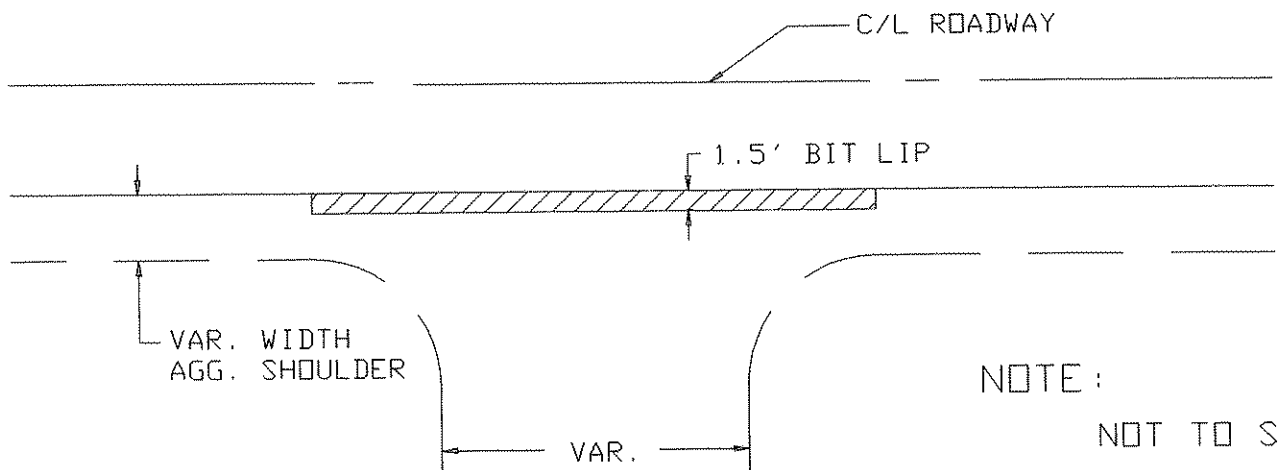
(ROADS AND STREETS)

UNPAVED SIDE ROADS & STREETS



NOTE: PAID FOR AS ITEM 0340.601
(2" THICK BIT. WEARING COURSE)

PAVED SIDE ROADS & STREETS



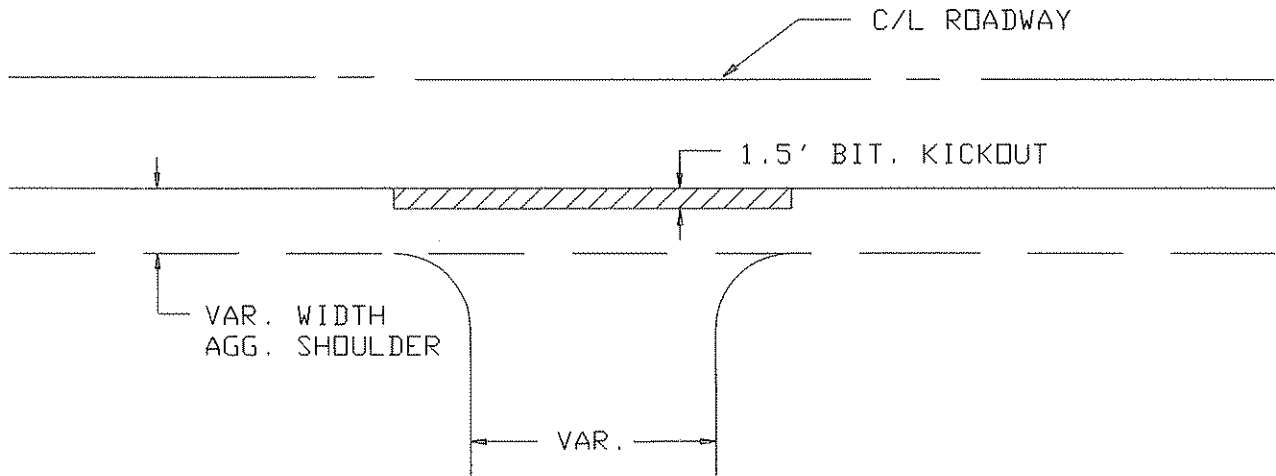
NOTE:
NOT TO SCALE

NOTE: KICKOUT PAID FOR AS ITEM NO. 2340.508
(TYPE 41 WEARING COURSE MIXTURE)

TYPICAL ENTRANCES

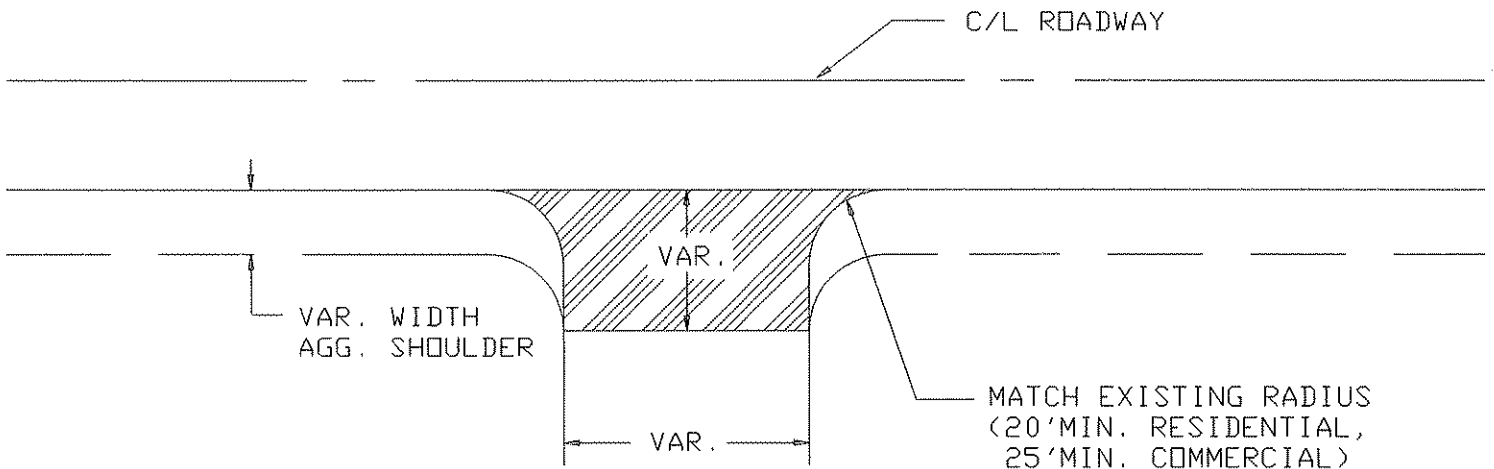
(DRIVEWAYS)

UNPAVED DRIVEWAY AND FIELD ENTRANCES



NOTE: KICKOUT PAID FOR AS ITEM NO. 2340.508
(TYPE 41 WEARING COURSE MIXTURE)

PAVED ENTRANCES



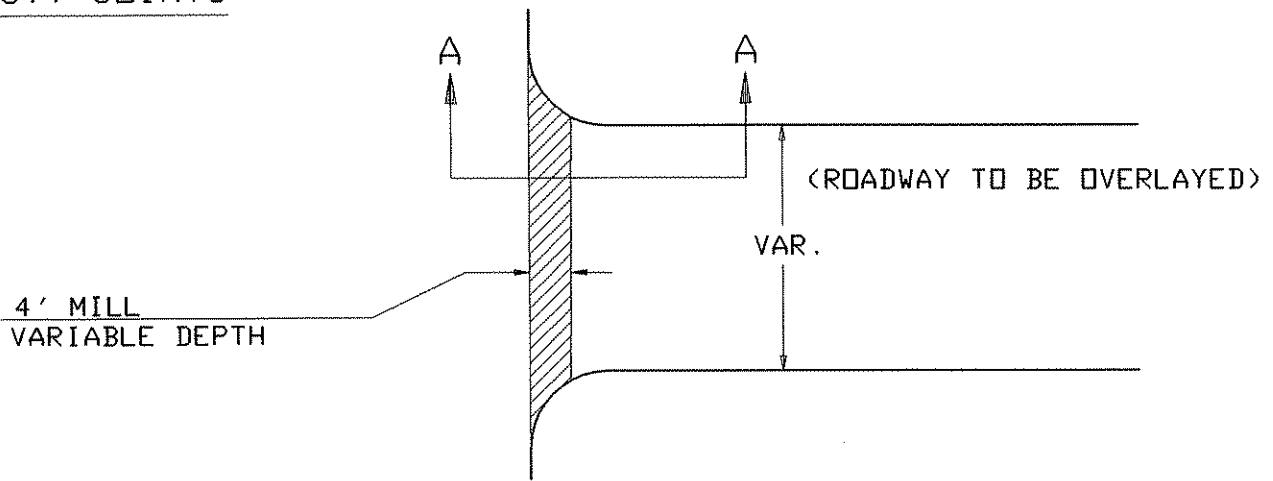
NOTE: PAID FOR AS ITEM 0340.601
(2" THICK BIT. WEARING COURSE)

NOTE:

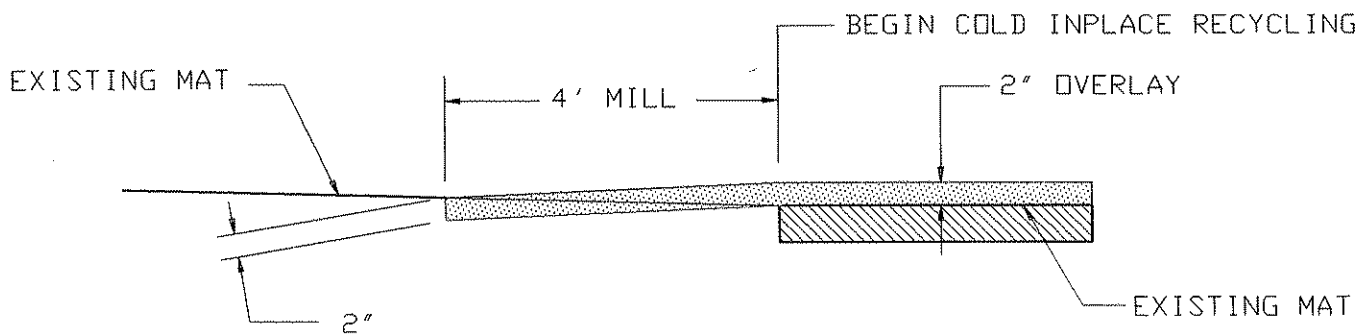
NOT TO SCALE

MILLING DETAILS

BUTT JOINTS

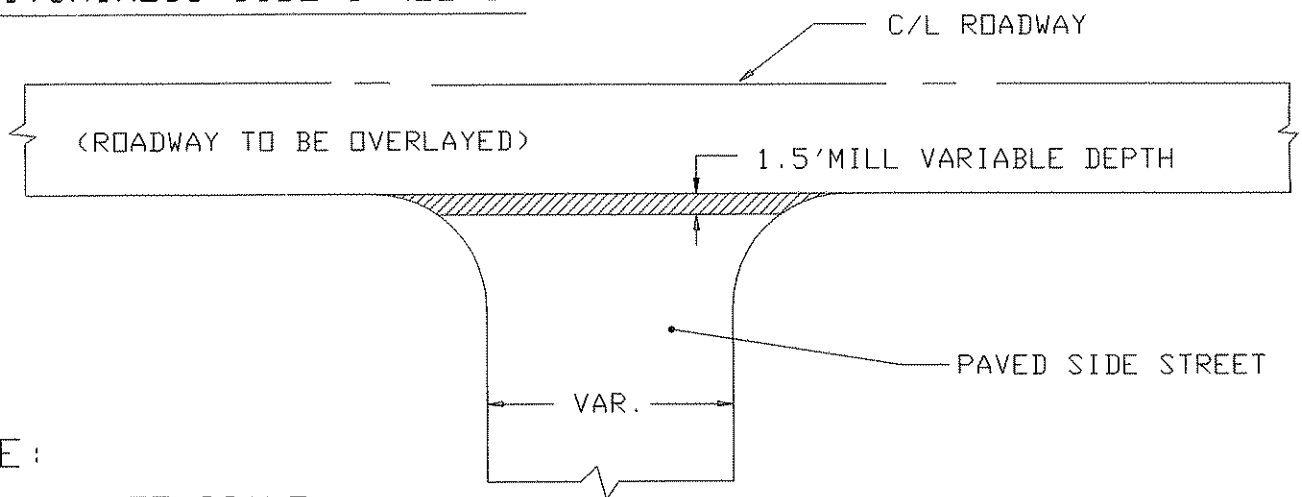


PLAN VIEW



SECTION A-A

BITUMINOUS SIDE STREETS



NOTE:
NOT TO SCALE