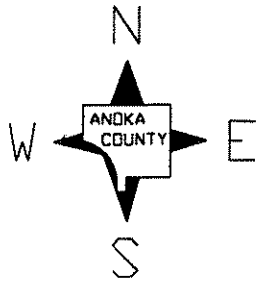


ANOKA COUNTY HIGHWAY DEPARTMENT



CONSTRUCTION PLAN FOR: PAVEMENT RECLAMATION
& BITUMINOUS SURFACING

COUNTY ROAD NO. C.R. 71

From: C.S.A.H. NO. 24 (NORRIS LAKE RD.)

To: C.S.A.H. 28 (AMBASSADOR BLVD.)

From: _____

To: _____

COUNTY PROJECT NO. 99-16-71

GROSS LENGTH 7749.70 FEET 1.468 MILES

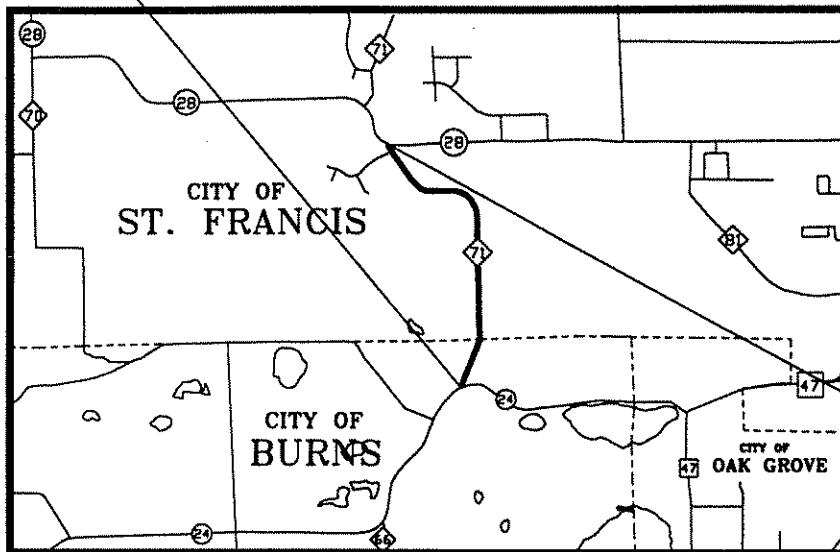
BRIDGES LENGTH 72.00 FEET 0.014 MILES

EXCEPTIONS LENGTH 0.00 FEET 0.000 MILES

NET LENGTH 7749.70 FEET 1.468 MILES

ADT (1997) = 481

BEGIN C.P. 99-16-71



END C.P. 99-16-71

GOVERNING SPECIFICATIONS

THE 1995 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND ALL SUPPLEMENTS THERETO.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MMUTCD, INCLUDING "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS" DATED JANUARY 1998.

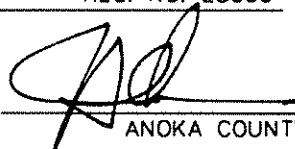
ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND ORDINANCES WILL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

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.


ASSISTANT COUNTY ENGINEER

REG. NO. 25066 DATE: 6/6/2000

APPROVED: 6/6/00


ANOKA COUNTY ENGINEER

STATEMENT OF ESTIMATED QUANTITIES

ITEM NO	ITEM	UNIT	EST. QUANT.
2021. 501	MOBILIZATION	LS	1
2120. 501	EARTH SHOULDERING	CU YD	470
① 2123. 503	MOTOR GRADER	HOUR	13
② 2130. 501	WATER	M-GAL	26
③ 2211. 501	AGGREGATE BASE CLASS 5	TON	231
④ 2232. 501	MILL BITUMINOUS SURFACE	SQ YD	68
⑤ 2331. 603	SAWED/SEALED JOINT	LIN FT	4732
2331. 604	BITUMINOUS PAVEMENT RECLAMATION	SQ YD	21815
2350. 604	TYPE LV 4 WEARING COURSE MIX 1 1/2" THICK	SQ YD	122
2350. 609	TYPE MV 4 WEARING COURSE MIXTURE	TON	2150
2350. 609	TYPE LV 3 NON WEARING COURSE MIXTURE	TON	2650
2357. 502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	1325
2540. 602	INSTALL MAIL BOX SUPPORT	EACH	17
2575. 501	SEEDING	ACRE	1. 8
2575. 502	SEED MIXTURE 40A	POUND	126
2575. 512	MULCH MATERIAL TYPE 2	GALLON	1534
2575. 532	COMMERCIAL FERTILIZER ANALYSIS 10-10-10	POUND	900
2580. 501	TEMPORARY LANE MARKING	LIN FT	620

- ① FOR FINAL SHAPING OF AGGREGATE SHOULDERS PRIOR TO PAVING.
- ② FOR DUST CONTROL AS DIRECTED BY THE ENGINEER.
- ③ FOR RESTORATION OF AGGREGATE ENTRANCES.
- ④ FOR BUTT JOINT MILLING.
- ⑤ JOINTS TO BE PLACED @ 30' SPACING ACROSS TRAFFIC LANES 0+00-67+70.

BASIS OF PLANNED QUANTITIES

- 2120 EARTH SHOULDERING: 170 CU.YDS/MILE
- 2350 TYPE MV 4 WEARING COURSE MIX: 130 LBS./SQ.YD. PER 1" THICKNESS
- 2357 BITUMINOUS MATERIAL FOR TACK COAT: 0.05 GAL./SQ.YD. PER LIFT APPLIED.
- 2575 SEEDING: BASED ON HORIZONTAL MEASUREMENT +10%.
- 2575 SEED MIXTURE 40A: 70 LBS./ACRE.
- 2575 MULCH MATERIAL TYPE 2: 0.18 GAL./SQ.YD.
- 2575 COMMERCIAL FERTILIZER ANAL. 10-10-10 (OR EQUIVALENT): 500 LBS./ACRE.

MN/DOT STANDARD PLATES

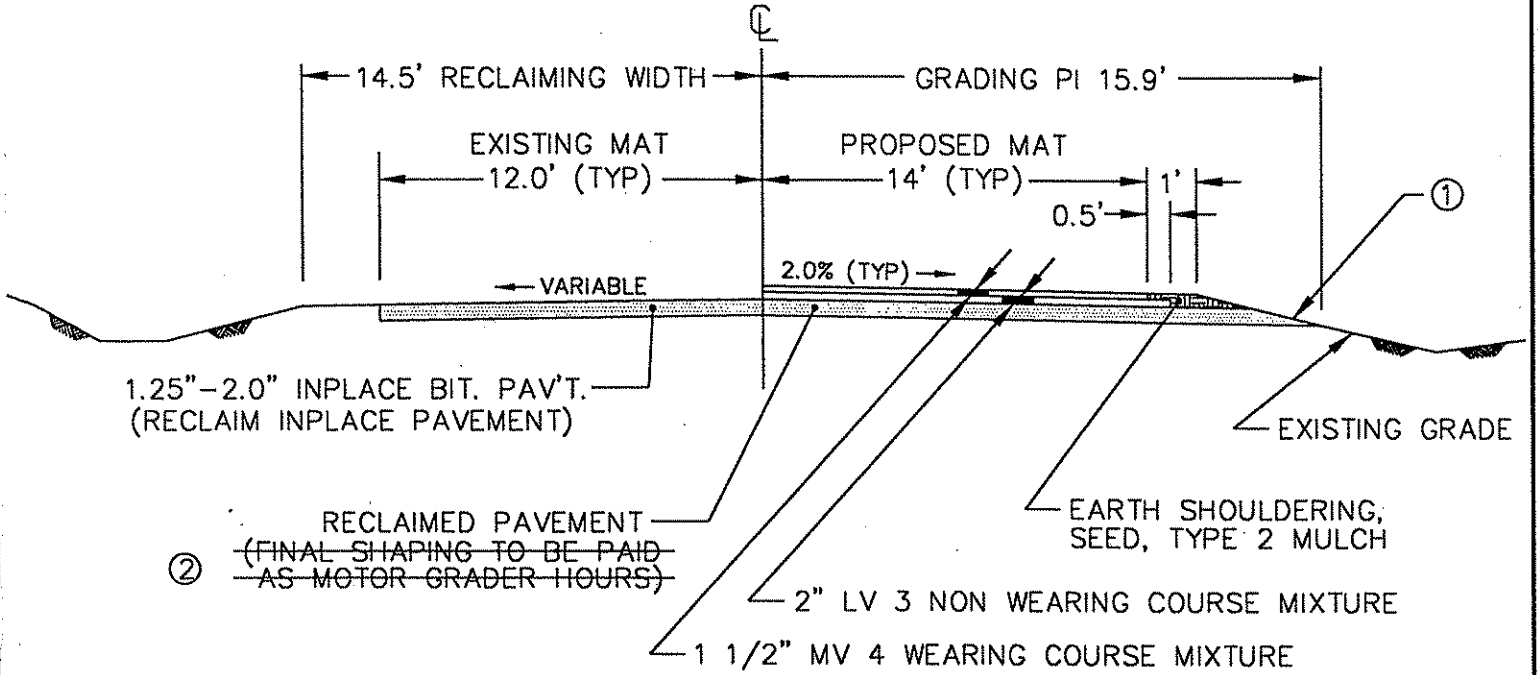
THESE STANDARD PLATES AS APPROVED BY THE FHWA SHALL APPLY.

PLATE NO.	DESCRIPTION
M0004 A	SPECIFICATION REFERENCE TO STANDARD PLATES
M8000 I	STANDARD BARRICADES

CERTIFIED BY *Kyrke Olson* REG. NO. 26526 DATE 6/6/00
 COUNTY PROJECT 99-16-71 SHEET 2 OF 6 SHEETS

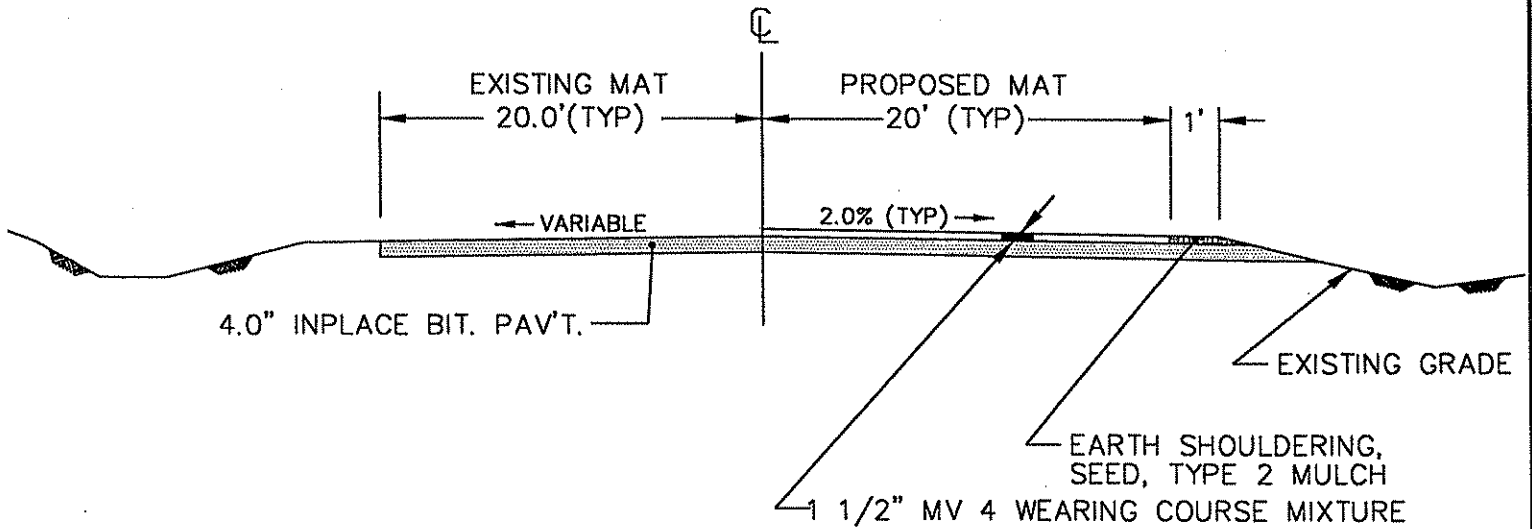
TYPICAL SECTIONS

STA. 0+00 - STA. 67+70



① STRIPPING OF INPLACE TOPSOIL PRIOR TO WIDENING IF REQUIRED AND AS DIRECTED BY THE ENGINEER, TO BE PAID AS MOTOR GRADER HOURS.

STA. 67+70 - STA. 77+50



NOTE: MATCH INPLACE WIDTH AT BRIDGE, REDUCE OVERLAY DEPTH TO 1" ON THE BRIDGE DECK.

DESIGN DESIGNATIONS:

TYPE MV 4 WEARING COURSE MIXTURE: MVWE45035B

TYPE LV 3 NON WEARING COURSE MIXTURE: LVNW35030B

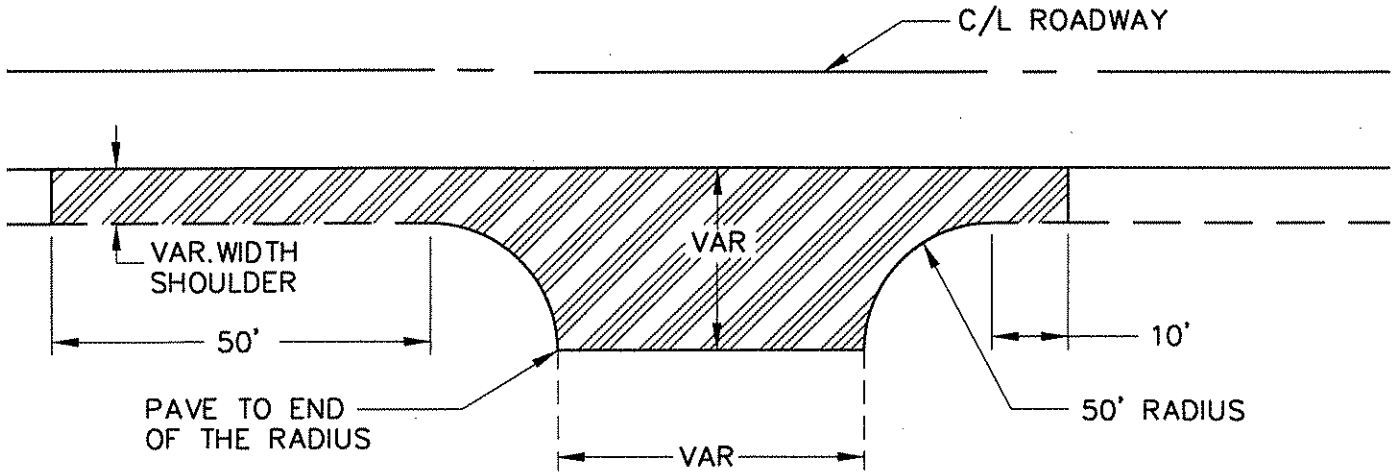
(NOT TO SCALE)

② Revision on 6/16/00 by KLO

CERTIFIED BY Kristen Olson REG. NO. 26826 DATE 6/16/00
 COUNTY PROJECT 99-16-71 SHEET 3 OF 6 SHEETS

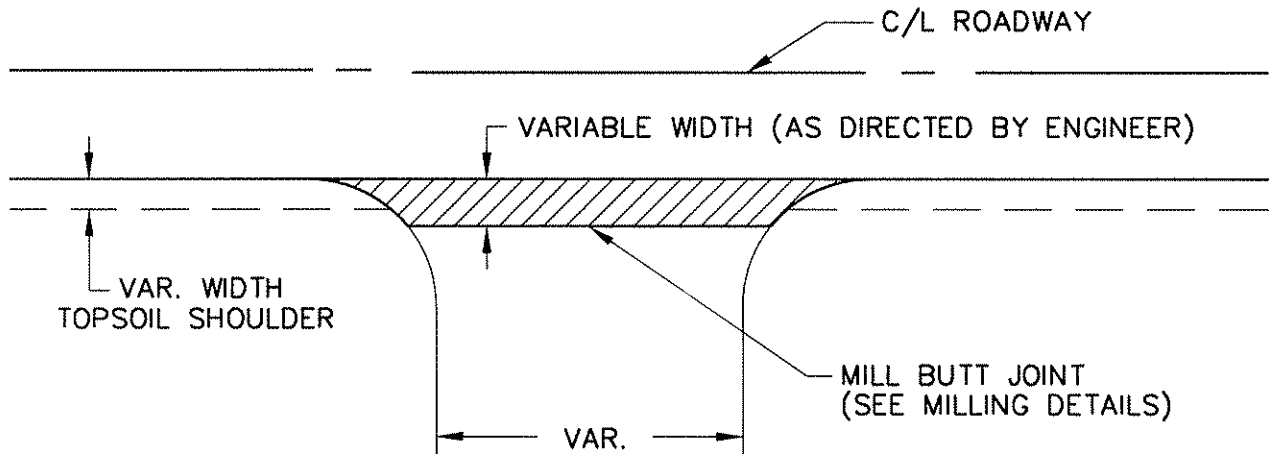
TYPICAL STREET APPROACHES

UNPAVED STREET APPROACHES



NOTE: PAID FOR AS ITEM NO. 2350.604
(TYPE LV 4 WEAR COURSE 1-1/2" THICK)

PAVED STREET APPROACHES



NOTE: KICKOUT PAID FOR AS ITEM NO. 2350.609 (TYPE MV 4 WEARING COURSE MIXTURE)/ OR
KICKOUT PAID FOR AS ITEM NO. 2350.604 (TYPE LV 4 WEAR COURSE 1 1/2" THICK)

(NOT TO SCALE)

CERTIFIED BY *Krista Olson*

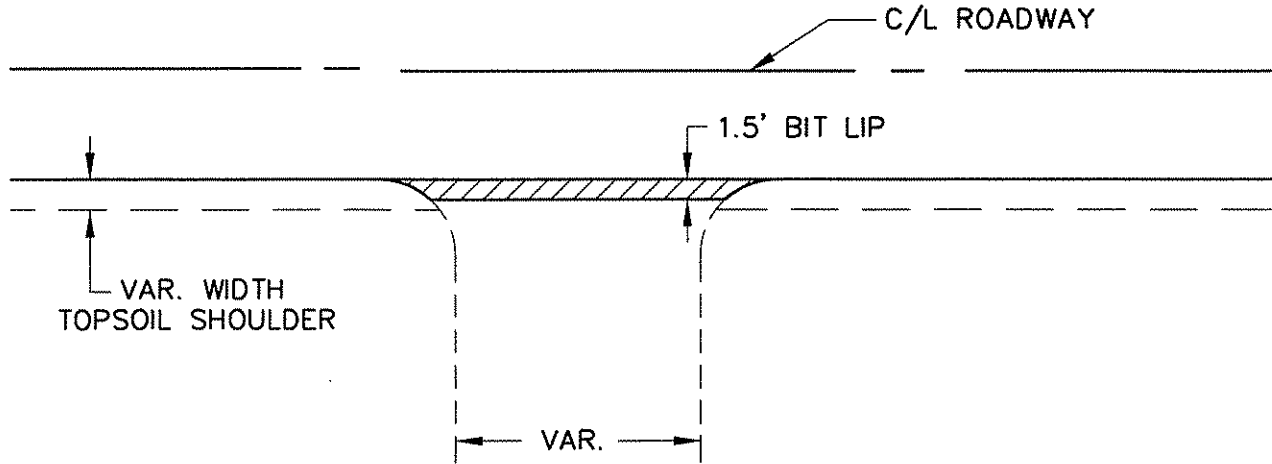
REG. NO. 26826 DATE 6/6/00

COUNTY PROJECT 99-16-71

SHEET 4 OF 6 SHEETS

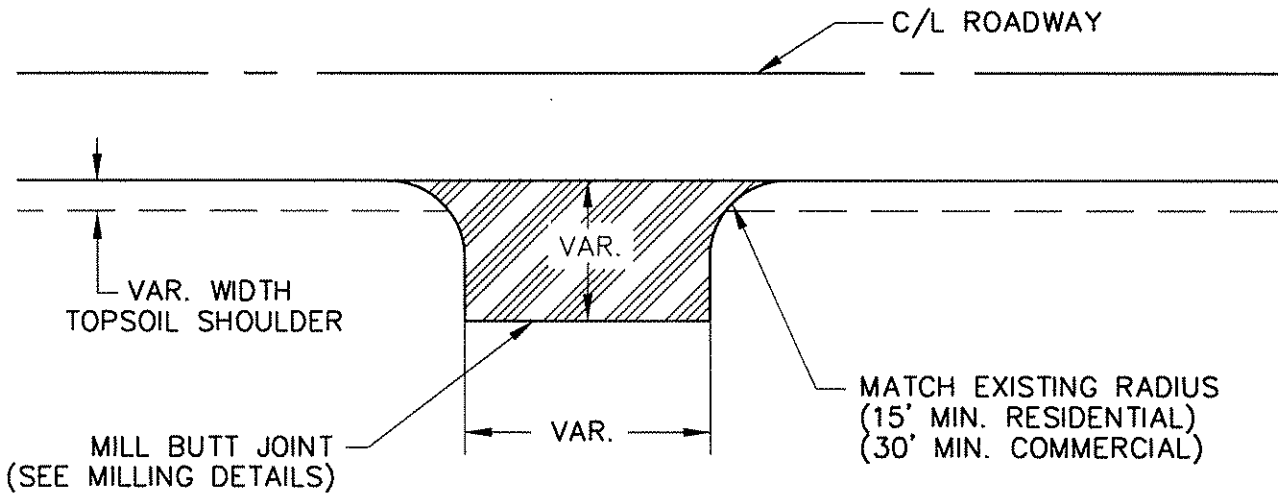
TYPICAL ENTRANCES

UNPAVED DRIVEWAY AND FIELD ENTRANCES



NOTE: KICKOUT PAID FOR AS ITEM NO. 2350.609
(TYPE MV 4 WEARING COURSE MIXTURE)

PAVED ENTRANCES



NOTE: PAID FOR AS ITEM NO. 2350.604
(TYPE LV 4 WEAR COURSE 1 1/2" THICK)

(NOT TO SCALE)

CERTIFIED BY *Rustan Oker*

REG. NO. 268216

DATE 6/6/08

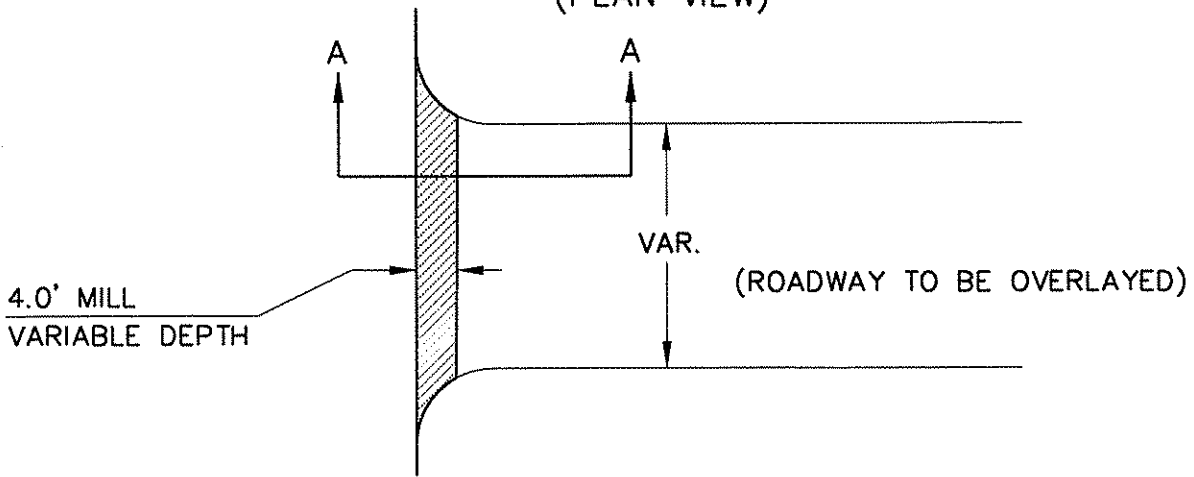
COUNTY PROJECT 99-16-71

SHEET 5 OF 6 SHEETS

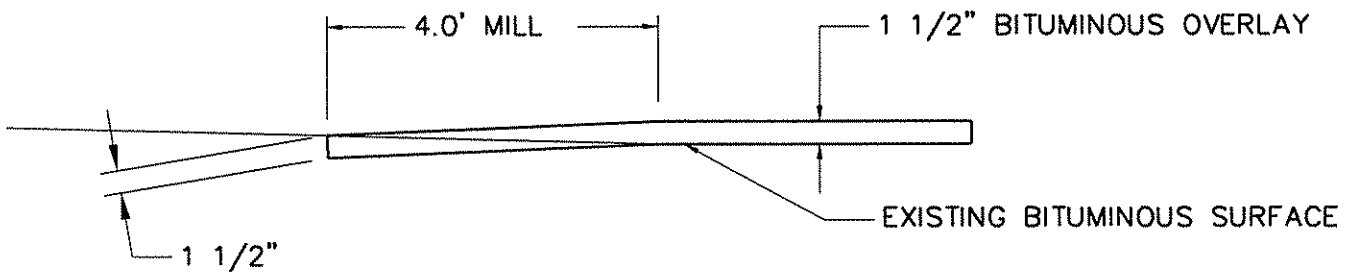
MILLING DETAILS

BUTT JOINTS

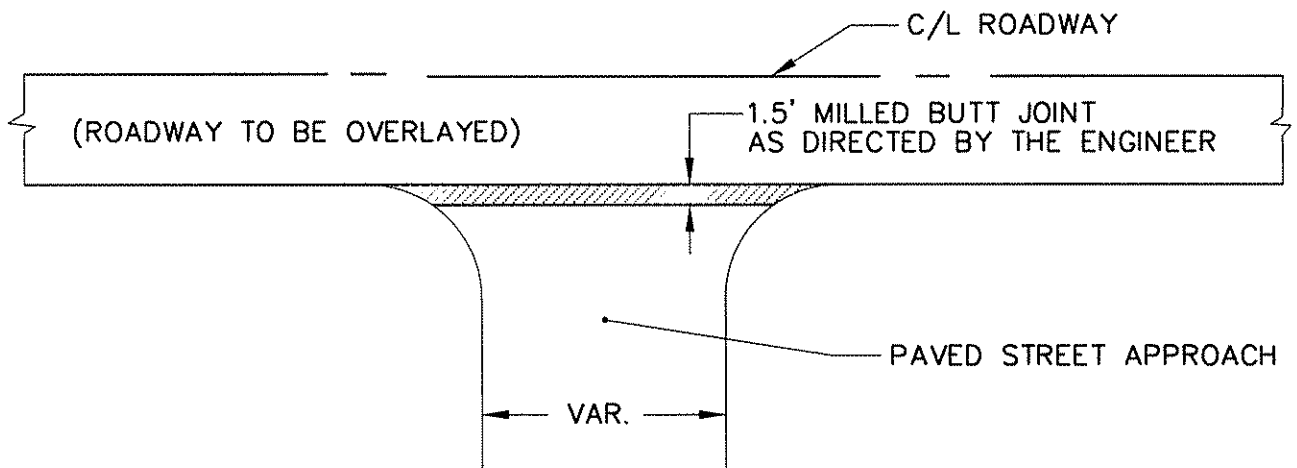
(PLAN VIEW)



(SECTION A-A)



PAVED STREET APPR. & ENTRANCES



(NOT TO SCALE)

CERTIFIED BY _____ REG. NO. _____ DATE _____

COUNTY PROJECT 99-16-71

SHEET 6 OF 6 SHEETS