#### STATE OF MINNESOTA

#### DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN FOR BITUMINOUS OVERLAY



|                                |                                       | *************************************** |          | *************************************** |
|--------------------------------|---------------------------------------|---|----------|---|
| COUNTY STATE AID               | /3                                    | •                                       |          |   |
| From C.S.A.H. 24 To COUNTY LIN | IF (24 <sup>5</sup>                   | STH AVEN                                | -        |   |
| From                           | VI (2.70                              |   |          |   |
| To                             | · · · · · · · · · · · · · · · · · · · | 92-21-                                  | 7 3      |   |
| COUNTY PROJECT N               |                                       | FEET                                    |          |   |
| GROSS LENGTH                   | _                                     |   | ~        |   |
| BRIDGES LENGTH                 | 0                                     | FEET_                                   |          | _MILES                                  |
| EXCEPTIONS LENGTH              | 4 <u> </u>                            | FEET_                                   | <u> </u> | MILES                                   |

NET LENGTH 5770 FEET 1.09 MILES

-END 92-21-73 (23700) L. BEGIN 92-21-73 31 (22900)

#### DESIGN SPEED

STATE AID PROJECT \_

35 & 55 MPH.

#### GOVERNING SPECIFICATIONS

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

| JJ & JJ WII II.  |                             | AND THAT I AM A DULY REGISTERED |
|--|-----------------------------|---------------------------------|
| GOVERNING SPECIFICATIONS                                       | PRUFESSIUNAL ENGINEER UNDER | THE LAWS OF THE STATE OF MINN.  |
| THE 1988 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION | Jane K. Kenne               | PATE 5-22-92                    |
| "STANDARD SPECIFICATIONS FOR                                   | COUNTY ENGINEER             |                                 |
| CONSTRUCTION" AND "SUPPLEMENTAL                                | ANDKA                       | COUNTY REG. NO. 6549            |
| SPECIFICATIONS TO THE 1988 STANDARD SPECIFICATIONS FOR         | RECOMMENDED FOR APPROVAL    | , 19                            |
| CONSTRUCTION" DATED 1/2/1991                                   | <del></del>                 | DISTRICT ENGINEER               |
| SHALL GOVERN.  | RECOMMENDED FOR APPROVAL    |                                 |
|  | APPROVED, 19                |                                 |
| COUNTY PROJECT 92-21-73  |                             | STATE AID ENGINEER              |
|  |                             |                                 |

(C.R. 73) (CSAH ) SHEET 1 OF 4 SHEETS

|                | ITEM<br>NO | ITEM                              | UNIT    | TOTAL<br>EST.<br>QUANT |
|----------------|------------|-----------------------------------|---------|------------------------|
| 1              | 2331.508   | TYPE 41 WEARING COURSE MIXTURE    | TON     | 1349                   |
|                | 2357.502   | BITUMINOUS MATERIAL FOR TACK COAT | GAL.    | 818                    |
|                | 2580.501   | TEMPORARY LANE MARKING            | RD.STA. | 58                     |
| $\overline{2}$ | 2123.503   | MOTOR GRADER                      | HOUR    | 4.                     |

- 1 INCLUDES 30 TONS FOR STREET APPROACHES AND ENTRANCES
- 2) SHOULDER PREPARATION PRIOR TO PAVING

### BASIS OF PLANNED QUANTITIES

2331 TYPE 41 WEARING COURSE MIXTURE: 110 LBS/SQ.YD. PER 1"

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      | STANDARD BARRICADES                        |
|           |  |

# TYPICAL SECTIONS .04'/FT. - PLACE 1 1/2" TYPE 41 WEARING COURSE - INPLACE BITUMINOUS PAVEMENT AGGREGATE SHLD.

- INPLACE AGGREGATE SHOULDER

NOTE:

NOT TO SCALE

DONE BY OTHERS

## TYPICAL ENTRANCES

