PLAN SYMBOLS

SECTION LINE	
QUARTER LINE	
SIXTEENTH LINE	
RIGHT OF WAY LINE	
PROPERTY LINE	
CENTER LINE	
FENCE LINE	—x——x—
RIVER OR CREEK	
LAKE OR POND	
CULVERT	
BRIDGE	
RETAINING WALL	

TREES

BRUSH OR SHRUBS

HEDGE

CONIFERS

SWAMP

MAILBOX

SIGN

UTILITIES SYMBOLS

SANITARY SEWER	
STORM SEWER	
WATERMAIN	
GAS LINE	—g——g—
POWER LINE	
MANHOLE	◉
CATCH BASIN	⊕
VALVE	⊘

HYDRANT ⟡

POWER, TELEPHONE,
OR LIGHT POLE ⌀

ANCHOR ⟶-----

SOIL BORING LOCATION ⊛

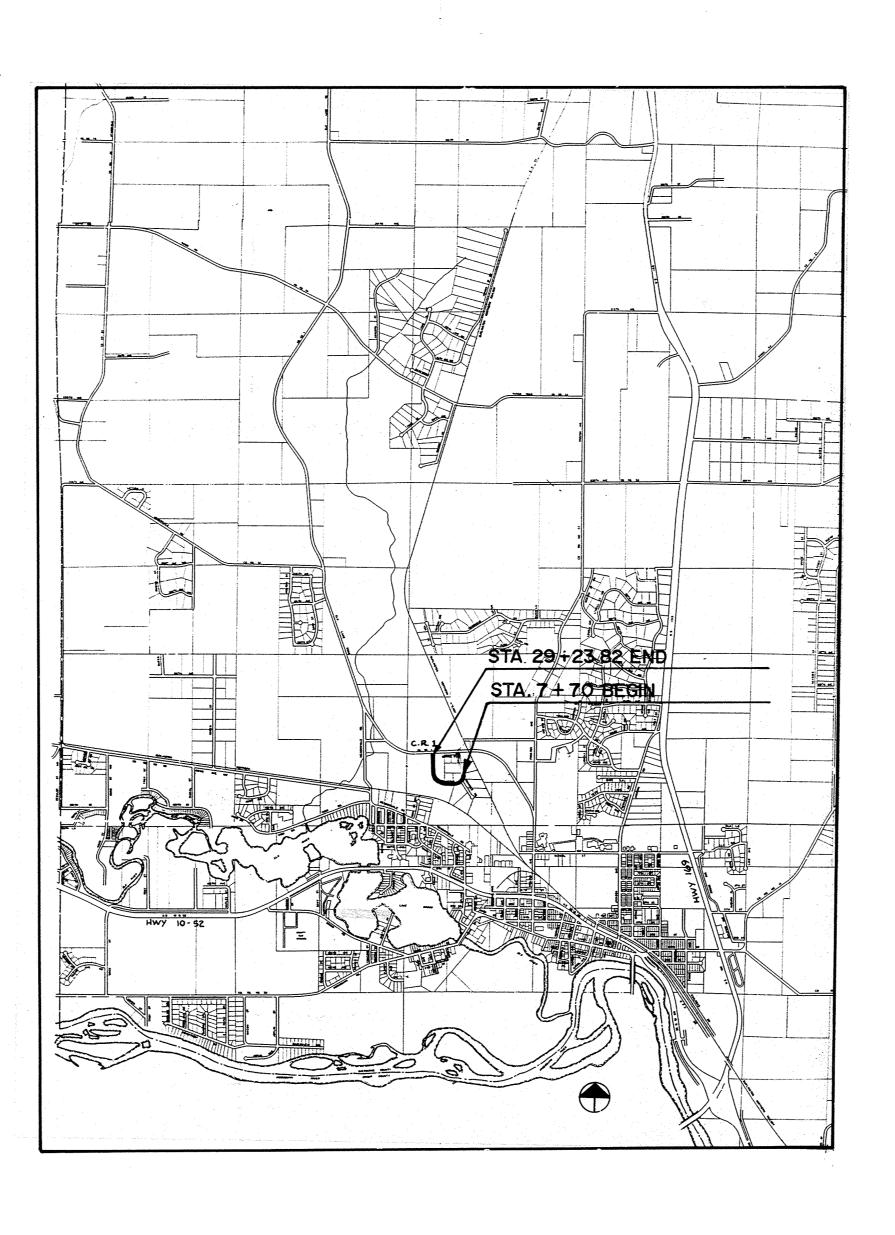|	
ADT CURRENT YEAR	-0- (NON EXISTING)
ADT FUTURE YEAR	2000 (PROJECTED)
HCADT	150-300
DESIGN SPEED	30 MPH
LOCALLY RESTRICTED TO	30 MPH
SOIL TYPE (SUBGRADE)	A-1
SOIL FACTOR	50
STRUCTURAL DESIGN	9 TON

STOPPING SIGHT DISTANCE BASED ON:
3.5' HEIGHT OF EYE
0.5' HEIGHT OF OBJECT

SPECIFICATION
The Minnesota Department of Transportation "Standard Specifications for Construction", 1983 Edition, shall govern except as modified or altered by the special provisions.

CITY OF ELK RIVER
SECTIONS 28 & 29, T33N, R26W
SANITARY SEWER, WATERMAIN,
STORM DRAINAGE & STREET CONSTRUCTION
INDUSTRIAL BOULEVARD

STA 29+23.82 END
STA. 7+70 BEGIN

M.S.A.S. 204-125-01

BETWEEN 1,000' SO. OF C.S.A.H. NO. I AND C.S.A.H. NO. I, 0.41 MI. NW

GROSS LENGTH	2153.82	FEET	0.41	MILES
BRIDGES LENGTH	0	FEET	0	MILES
EXCEPTION LENGTH	0	FEET	0	MILES
NET LENGTH	2153.82	FEET	0.41	MILES

PLAN 1" = 50'

SCALES:
PROFILE HOR. 1" = 50'
VERT. 1" = 5'

CROSS SECTIONS HOR. 1" = 10'
VERT. 1" = 5'

INDEX OF SHEETS

1 TITLE SHEET & LAYOUT MAP
2 EST. QUANTITY, STREET SECTIONS & NOTES
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9-10 STREET CONSTRUCTION
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14-17 STANDARD DETAILS

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.

Terry J Mauser

DATE 1/8/87   REG. NO. 15316

APPROVED _Terry J Mauser_   1/8/87
CITY ENGINEER   DATE

RECOMMENDED FOR APPROVAL _David O. Reed_   1-28-87
DISTRICT STATE AID ENGINEER   DATE

RECOMMENDED FOR APPROVAL _Julie Skallman_   3/4/87
STATE PLANS & SPEC. ENGINEER   DATE

APPROVED 3/4/87   _____
STATE AID DIRECTOR   DATE

RECORD PLAN NOV 1987