

# CITY OF ELK RIVER

SECTION 27 & 34, T33N, R26W

GRADING, AGGREGATE BASE, BITUMINOUS PAVING, CONCRETE CURB & GUTTER, STORM SEWER, AND TRAFFIC SIGNALS

SCHOOL STREET, JACKSON AVENUE, FREEPORT AVENUE, 191ST AVENUE, NORTHBOUND T.H. 169 LEFT TURN LANE AT SCHOOL ST., SOUTHBOUND T.H. 169 RIGHT TURN & RIGHT ACCELERATION LANE, AND WESTBOUND T.H. 10 RIGHT TURN LANE AT OXFORD AVENUE

## PLAN SYMBOLS

SECTION LINE	---	TREES	
QUARTER LINE	- - - -	BRUSH OR SHRUBS	
SIXTEENTH LINE	- - - - -	HEDGE	
RIGHT OF WAY	=====	CONIFERS	
CENTER LINE	-----	SWAMP	
FENCE LINE	-x-x-	MAILBOX	
RIVER OR CREEK		SIGN	
LAKE OR POND			
CULVERT			
BRIDGE			
RETAINING WALL			

## UTILITIES SYMBOLS

SANITARY SEWER		HYDRANT	
STORM SEWER		POWER OR TELEPHONE POLE	
WATERMAIN		LIGHT POLE	
GAS LINE		ANCHOR	
POWER LINE		SOIL BORING	
MANHOLE			
CATCH BASIN			
VALVE			

THE USE OF MUNICIPAL TURNBACK FUNDS IS ALLOWED ON THIS PROJECT AS PER A VARIANCE TO MN RULE 8820.2900, DATED JULY 1993, APPROVED BY THE COMMISSIONER OF TRANSPORTATION ON APRIL 18, 1994.

M.S.A.S. S.A.P. 204-104-04 MTB  
JACKSON AVENUE

PRESENT ADT (1994) 2030 PROJ. ADT (2014) 9284

FUNCTIONAL CLASSIFICATION MINOR ARTERIAL - LOW DENSITY

NO. OF TRAFFIC LANES 4 NO. OF PARKING LANES 0

SHOULDER WIDTH N/A

9 TON DESIGN

SOIL FACTOR 50 PROJ. HCDT (2014) 368

OR

R-VALUE N/A N18 FACTOR N/A

DESIGN SPEED 40 \* MPH LOCALLY RESTRICTED TO 30MPH

DESIGN SPEED NOT ACHIEVED AT:

STA. N/A TO STA. N/A MPH #35 mph Sta. 37+50 to 38+50

STOPPING SITE DISTANCE BASED ON:

3.5' HEIGHT OF EYE

0.5' HEIGHT OF OBJECT

M.S.A.S. S.A.P. 204-107-04  
SCHOOL STREET

PRESENT ADT (1994) 9398 E. OF GATES PROJ. ADT (2014) 22309 E. OF GATES

PRESENT ADT (1994) 7867 W. OF GATES PROJ. ADT (2014) 14169 W. OF GATES

FUNCTIONAL CLASSIFICATION MINOR ARTERIAL - HIGH DENSITY

NO. OF TRAFFIC LANES 4 NO. OF PARKING LANES 0

SHOULDER WIDTH N/A

9 TON DESIGN

SOIL FACTOR 50 PROJ. HCDT (2014) 883 E. OF GATES

SOIL FACTOR 50 PROJ. HCDT (2014) 561 W. OF GATES

OR

R-VALUE N/A N18 FACTOR N/A

DESIGN SPEED 40 MPH LOCALLY RESTRICTED TO 30MPH

DESIGN SPEED NOT ACHIEVED AT:

STA. N/A TO STA. N/A MPH

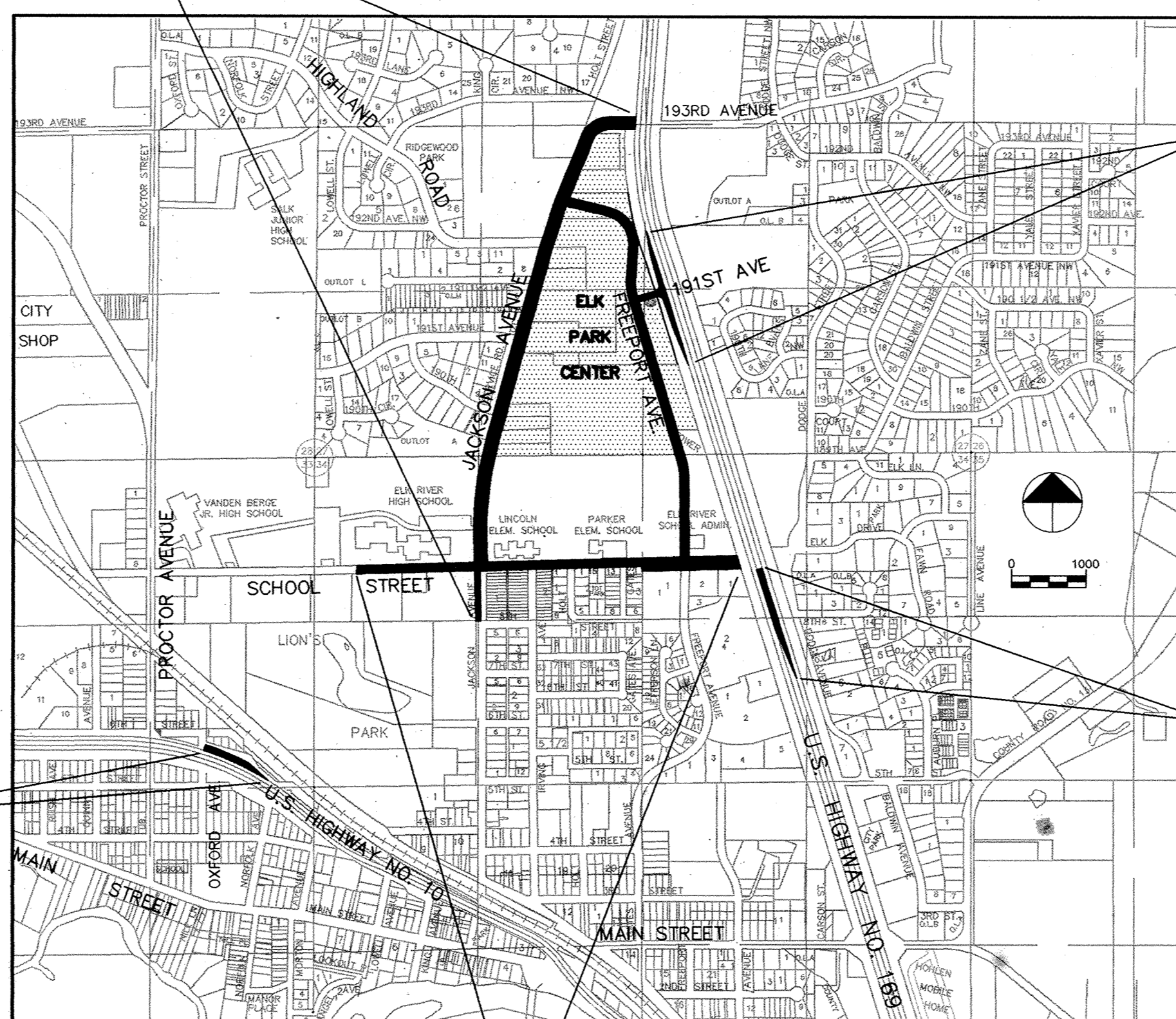
STOPPING SITE DISTANCE BASED ON:

3.5' HEIGHT OF EYE

0.5' HEIGHT OF OBJECT

END S.A.P. 204-104-04 MTB

BEGIN S.A.P. 204-104-04 MTB

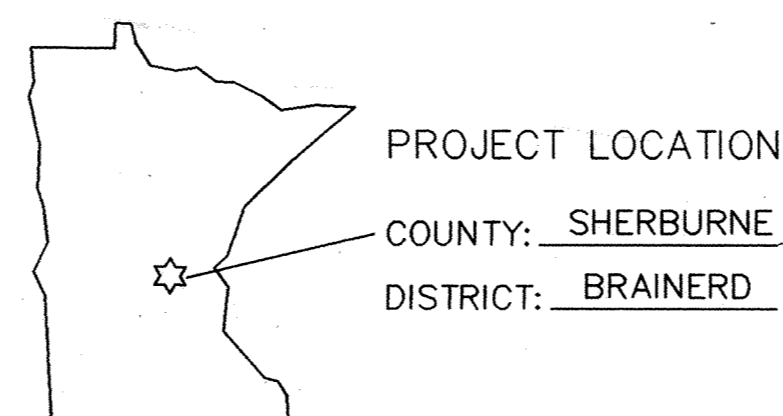
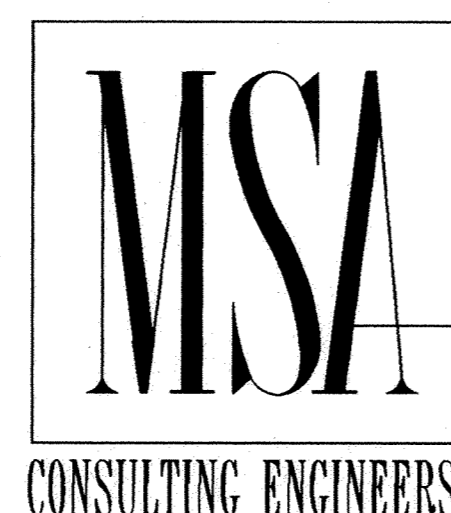


S.A.P. 204-010-02

S.A.P. 204-010-02

S.A.P. 204-010-03

SCHOOL STREET  
BEGIN S.A.P. 204-107-04  
END S.A.P. 204-107-04



PROJECT LOCATION

COUNTY: SHERBURNE

DISTRICT: BRAINERD

THE 1988 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATION FOR CONSTRUCTION" TOGETHER WITH "SUPPLEMENTAL SPECIFICATIONS" DATED JANUARY 2, 1991, SHALL GOVERN.

SCHOOL STREET S.A.P. 204-107-04

BETWEEN 975' W. OF JACKSON AND T.H. 169

GROSS LENGTH 3150 FEET 0.597 MILES

BRIDGE LENGTH 0 FEET 0 MILES

EXCEPTION LENGTH 0 FEET 0 MILES

NET LENGTH 3150 FEET 0.597 MILES

JACKSON AVENUE S.A.P. 204-104-04 MTB

BETWEEN 400' S. OF SCHOOL AND T.H. 169

GROSS LENGTH 4400 FEET 0.833 MILES

BRIDGE LENGTH 0 FEET 0 MILES

EXCEPTION LENGTH 0 FEET 0 MILES

NET LENGTH 4400 FEET 0.833 MILES

T.H. 169 S.A.P. 204-010-02

FROM T.H. 169 STATION 907+98 TO 917+98

TOGETHER WITH

FROM 760' S. OF SCHOOL STREET TO SCHOOL ST.

GROSS LENGTH 1000+760 FEET 0.333 MILES

BRIDGE LENGTH 0 FEET 0 MILES

EXCEPTION LENGTH 0 FEET 0 MILES

NET LENGTH 1760 FEET 0.333 MILES

T.H. 10 S.A.P. 204-010-03

BETWEEN OXFORD AVE AND 510' E. OF OXFORD AVE

GROSS LENGTH 510 FEET 0.097 MILES

BRIDGE LENGTH 0 FEET 0 MILES

EXCEPTION LENGTH 0 FEET 0 MILES

NET LENGTH 510 FEET 0.097 MILES

## INDEX OF SHEETS

- 1 TITLE SHEET AND LAYOUT MAP
- 2 ESTIMATED QUANTITIES AND DETAILS
- 3 SHEET INDEX
- 4 TYPICAL SECTIONS
- 5-6 CONSTRUCTION SIGNING
- 7-12 PLAN AND PROFILE-SCHOOL STREET
- 13 SIGNING AND STRIPING-SCHOOL STREET
- 14-19 CROSS SECTIONS-SCHOOL STREET
- 20-21 T.H. 169 @ SCHOOL ST. - LEFT TURN LANE
- 22-31 PLAN AND PROFILE-JACKSON AVENUE
- 32-33 SIGNING AND STRIPING-JACKSON AVENUE
- 34-41 CROSS SECTIONS-JACKSON AVENUE
- 42-48 PLAN AND PROFILE-FREEPORT AVENUE
- 49-50 STORM SEWER OUTLET TO DETENTION POND
- 51-52 CROSS SECTIONS-FREEPORT AVENUE
- 53 PLAN AND PROFILE-191ST AVENUE
- 54-55 T.H. 169 @ 191ST AVE. RIGHT TURN & ACCELERATION LANE
- 56-57 RIGHT TURN & ACCELERATION LANE-CROSS SECTIONS
- 58 T.H. 10 @ OXFORD AVE.-RIGHT TURN LANE
- 59-71 SIGNALIZATION PLANS
- 72 WATERMAIN DETAILS
- 73 STORM SEWER DETAILS
- 74 STREET CONSTRUCTION DETAILS

I HEREBY CERTIFY THAT PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Paul Bottcher 13929 4-22-94  
REG. NO. DATE

APPROVED Terry Mauer 4/29/94  
CITY ENGINEER DATE

RECOMMENDED FOR APPROVAL Michael L. Tandy 6/3/94  
DISTRICT STATE AID ENGINEER DATE

RECOMMENDED FOR APPROVAL M. J. Schuch 6-14-94  
STATE PLANS & SPEC. ENGINEER DATE

APPROVED Julie Skallman 6/14/94  
ASSISTANT STATE AID DIRECTOR DATE

RECOMMENDED FOR APPROVAL P. E. Campbell 6-14-94  
FOR DIRECTOR, OFFICE OF TRAFFIC ENGINEER DATE

S.A.P. 204-124-02

S.A.P. 204-104-04 MTB

S.A.P. 204-107-04

S.A.P. 204-010-02

S.A.P. 204-010-03

SHEET 1 OF 74

RECORD PLAN 1995

CITY MARCH 1995

844

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

SANDOZ PRODUCTS • NEW HOPKINS, MINNESOTA  
REVISIONS BY PART NUMBER 8582  
CITY OF ELK RIVER, MINNESOTA

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