

MINNESOTA DEPARTMENT OF TRANSPORTATION CITY OF ELK RIVER

MINN. PROJ. NO. STPX 7105(009)

SECTIONS 34 T33N R26W

CONSTRUCTION PLAN FOR SIGNAL MODIFICATIONS, GRADING,
AGGREGATE BASE, CURB, GUTTER, BITUMINOUS,
STORM SEWER, SIDEWALK AND CONCRETE MEDIAN.

**LOCATED ON MAIN STREET
FROM PARISH AVENUE TO RAILROAD TRACKS**

| | | | | |
|------------------|-----|------|-------|-------|
| GROSS LENGTH | 590 | FEET | 0.112 | MILES |
| BRIDGE LENGTH | 0 | FEET | 0 | MILES |
| EXCEPTION LENGTH | 0 | FEET | 0 | MILES |
| NET LENGTH | 590 | FEET | 0.112 | MILES |

| | | | |
|---------|------|---------|----------------|
| SCALES: | PLAN | PROFILE | CROSS SECTIONS |
| | | | |

PLAN SYMBOLS

- | | | | |
|---------------------|--|-----------------|--|
| SECTION LINE | | TREES | |
| QUARTER LINE | | BRUSH OR SHRUBS | |
| SIXTEENTH LINE | | HEDGE | |
| EXIST. RIGHT OF WAY | | CONIFERS | |
| PERMANENT EASEMENTS | | SWAMP | |
| GRADING LIMITS | | MAILBOX | |
| TEMPORARY EASEMENTS | | SIGN | |

- | | |
|----------------|--|
| CENTER LINE | |
| FENCE LINE | |
| RIVER OR CREEK | |
| LAKE OR POND | |
| CULVERT | |
| BRIDGE | |
| RETAINING WALL | |

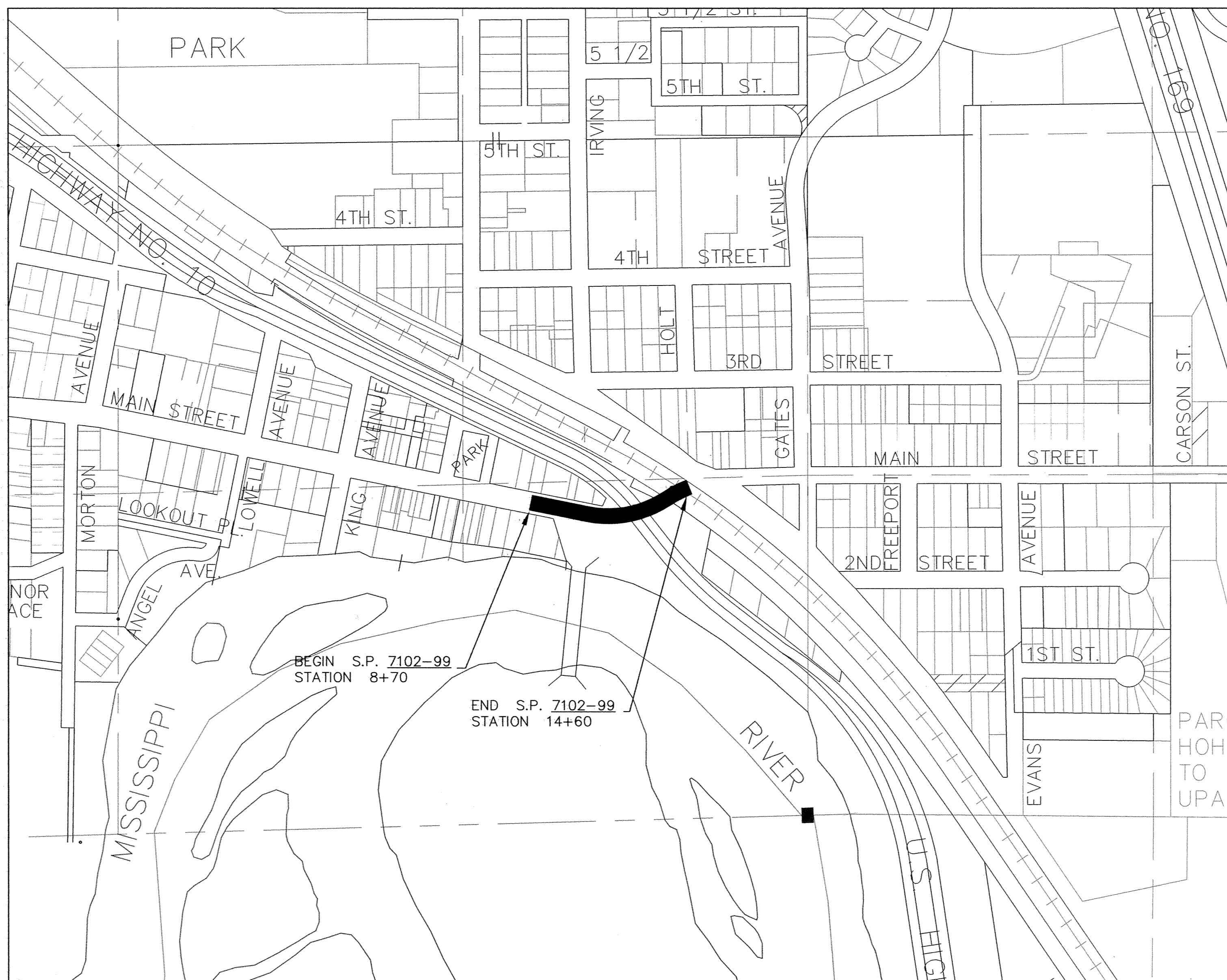
UTILITIES SYMBOLS

- | | | | |
|---------------------|--|-------------------------|--|
| SANITARY SEWER | | HYDRANT | |
| STORM SEWER | | POWER OR TELEPHONE POLE | |
| WATERMAIN | | LIGHT POLE | |
| GAS LINE | | ANCHOR | |
| OVER HEAD UTILITIES | | SOIL BORING | |
| ELECTRIC LINE | | TELE BOX | |
| TELEPHONE LINE | | | |
| WETLAND | | | |
| MANHOLE | | | |
| CATCH BASIN | | | |
| VALVE | | | |

PRESENT ADT (2005) 11,000 PROJ. ADT (2025) 14,200
 NO. OF TRAFFIC LANES 2
 PAVEMENT DESIGN: 10 TONS
 FUNCTIONAL CLASSIFICATION COLLECTOR
 SOIL FACTOR N/A PROJ. HCADT (2021) 48
 OR
 R-VALUE 50 ESALS 1 558 000
 DESIGN SPEED 30 MPH

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

THE 2000 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION
 "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN



INDEX OF SHEETS

| | |
|-------|--|
| 1 | TITLE SHEET |
| 2 | LOCATION PLAN |
| 3-4 | TYPICAL SECTIONS |
| 5-6 | ESTIMATED QUANTITIES AND SCHEDULES |
| 7-8 | DETOUR PLAN |
| 9 | REMOVAL PLAN |
| 10 | STORM SEWER IMPROVEMENTS |
| 11-12 | STREET IMPROVEMENTS |
| 13 | EROSION CONTROL AND TURF ESTABLISHMENT |
| 14 | SIGNING AND STRIPING PLAN |
| 15 | INTERSECTION TRAFFIC CONTROL LAYOUT |
| 16 | FIELD WIRING DIAGRAM |
| 17 | REMOVE PLAN FOR INTERSECTION |
| 18-21 | DETAILS |
| 22-23 | INFORMATIONAL SHEETS |

THIS PLAN CONTAINS **24** SHEETS

NOTE:
 PURSUANT TO THE REQUIREMENTS OF M.S.216D.04, THE GOPHER STATE ONE-CALL NOTIFICATION CENTER WAS CONTACTED ON _____ AND THESE PLANS INCLUDE THE TYPE, SIZE AND GENERAL LOCATION OF THE UNDERGROUND FACILITIES AS REPORTED BY THE AFFECTED OPERATORS OF THOSE FACILITIES AS OF _____, THE DATE OF THE COMPLETION OF THIS FINAL DRAWING. THIS INFORMATION MAY NOT BE RELIED ON AS WARRANTING THE ACTUAL PRESENCE, CHARACTERISTICS, OR LOCATION OF THE UNDERGROUND FACILITIES AND DOES NOT RELIEVE ANY PERSON FROM COMPLYING WITH STATE NOTIFICATION AND LOCATION REQUIREMENTS PRIOR TO EXCAVATION.

I HEREBY CERTIFY THAT PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 SIGNATURE: John Anderson DATE 2/2/05
 PRINTED NAME: JOHN ANDERSON LIC. NO. 25889

APPROVED _____ DATE _____
 CITY OF ELK RIVER ENGINEER

RECOMMENDED FOR APPROVAL _____ DATE _____
 DISTRICT 3 TRAFFIC ENGINEER

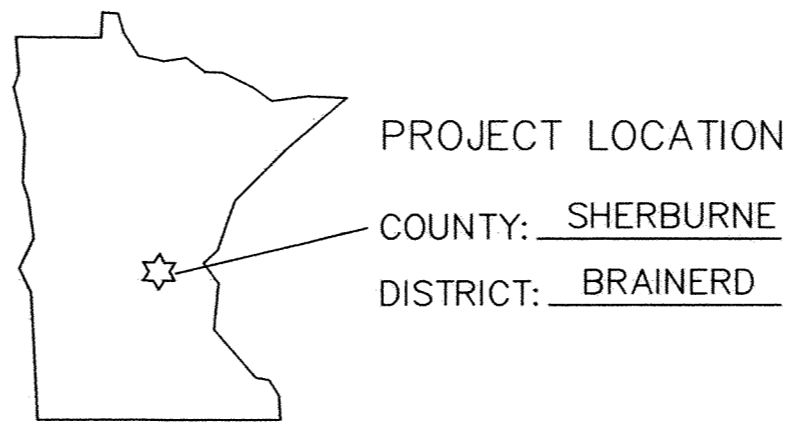
 DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH FEDERAL AND STATE AID RULES/POLICY

 APPROVED FOR FEDERAL AID AND STATE AID FUNDING: STATE AID ENGINEER



0 600

1326 ENERGY PARK DRIVE
 ST. PAUL, MINNESOTA 55108
 (651) 644-4389
Howard R. Green Company
 CONSULTING ENGINEERS



**RECORD PLAN
 JANUARY 2005**