

Information for File #2009-00105-DWW

Applicant St. Louis County Public Works Department; Marcus J. Hall
4787 Midway Road, Duluth, Minnesota 55811

Authorized Agent Todd Armbruster; 7823 Highway 135, Virginia, Minnesota 55792

Corps Contact Daryl Wierzbinski, 1554 Highway 2, Suite 2, Two Harbors, Minnesota 55616

E-Mail daryl.w.wierzbinski@usace.army.mil

Phone (218) 834-6630

Primary County St. Louis County

Legal Descriptions Sec. 9, T. 49N., R. 15W., Midway Township

Information Complete **January 14, 2009**

Posting Expires **January 25, 2009**

Authorization Type LOP-05-MN

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. An approved jurisdictional determination will be made prior to reaching a permit decision, and will be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

PROJECT DESCRIPTION AND PURPOSE:

The applicant proposes to reconstruct Stark Road (State Aid Highway 11) to the north of the City of Proctor. The purpose of the project is road maintenance.

This project consists of reconstructing the existing roadway with widening the shoulder, ditch grading and slope flattening of the existing roadway located in Midway Township.

NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS:

The project would result in the discharge of dredged and fill material in 6,705 square feet of wetlands (type 6) abutting (within 300 linear feet) Kingsbury Creek. Kingsbury Creek is a tributary to the St. Louis River, a navigable water of the U.S., and, therefore, are subject to Corps of Engineers jurisdiction.

COMPENSATORY MITIGATION:

As compensation for the wetlands lost due to the project, the applicant will purchase 6,705 square feet of wetland credits from the Board of Water and Resources Road Mitigation Bank in Minnesota.

Drawings See attached, below.

PLAN SYMBOLS

- COUNTY LINE
- TOWNSHIP OR RANGE LINE
- SECTION LINE
- QUARTER LINE
- SIXTEENTH LINE
- EXISTING R/W
- NEW R/W
- TEMP EASE
- RAILROAD R/W
- UNSURFACED RD. OR SHLD.
- EDGE OF LAKE
- SWAMP BOUNDARY
- MISCELLANEOUS BOUNDARY
- CORPORATE OR CITY LIMITS
- ALIGNMENT STATIONS
- ALIGNMENT POINTS
- PROPERTY LINES
- VACATED PLATTED PROPERTY
- RIVER OR CREEK
- DRAINAGE DITCH
- BRIDGE
- RECREATIONAL TRAIL
- RAILROAD (SINGLE TRACK)
- RR CROSSING PAVEMENT MARKING
- RR CROSSING SIGNAL AND GATE
- RR CROSSBUCK SIGN
- RR CROSSBUCK SIGN W/LIGHTS
- RR SWITCH
- BARBED WIRE FENCE
- CHAIN LINK FENCE
- WOVEN WIRE, OR WOVEN AND BARB
- WOOD FENCE
- MAILBOX
- GUARD POST
- RETAINING WALL
- GUARDRAIL (CABLE)
- GUARDRAIL (PLATE BEAM)
- DRAIN TILE
- FLUME
- CULVERT APRON
- CULVERT
- WOODS OR BRUSH, NURSERY
- DECIDUOUS TREES
- CONIFER (EVERGREEN) TREES
- HEDGE
- BUSH OR SHRUB
- STUMP
- SWAMP OR MARSH
- CONCRETE OR STONE MONUMENT
- IRON PIPE
- CAST IRON OR CAPPED PIPE MONUMENT
- HUB
- NAIL OR SPIKE OR PK NAIL
- IRON PIN OR REBAR
- IRON PIN WITH BRASS DISK
- VERTICAL CONTROL
- HORIZONTAL CONTROL
- POWER POLE
- LIGHT POLE
- LIGHT AND TELEPHONE POLE
- LIGHT, TELEPHONE AND POWER POLE
- GUY POLE
- POLE ANCHOR
- TELEPHONE POLE
- TELEPHONE AND POWER POLE
- UNDERGROUND CABLE PEDESTAL
- TELEPHONE OR POWER MANHOLE (VAULT)
- ELECTRIC CABLE IN CONDUIT
- TELEPHONE CABLE IN CONDUIT
- BURIED ELECTRIC CABLE
- BURIED TELEPHONE CABLE
- GAS LINE
- GAS METER
- WATER LINE
- VALVE
- FIRE HYDRANT
- WELL
- LAWN SPRINKLER HEAD
- STORM SEWER MANHOLE
- SEPTIC TANK
- SANITARY SEWER MANHOLE
- CATCH BASIN
- FORCE MAIN LIFT STA.
- BARRICADE
- SIGN
- EXISTING SANITARY SEWER LINE
- PROPOSED SANITARY SEWER LINE
- SANITARY SEWER SERVICE LINE
- EXISTING STORM SEWER LINE
- PROPOSED STORM SEWER LINE
- ENTRANCE
- BUILDING

MINNESOTA DEPARTMENT OF TRANSPORTATION

SAINT LOUIS COUNTY

**CONSTRUCTION PLAN FOR: GRADING, AGGREGATE BASE, PLANT MIXED BITUMINOUS BASE & SURFACE,
STORM SEWER, AND SANITARY SEWER IMPROVEMENTS**

LOCATED ON CSAH 11 & CR284 (UGSTAD RD & STARK RD)

BETWEEN CREST STREET AND SUMMIT AVENUE

FROM A POINT 1753.12 FEET SOUTH OF THE NE CORNER OF
SEC. 9, T49N, R15W TO A POINT 669.84 FEET WEST OF THE NE CORNER
OF SEC. 9, T49N, R15W

AND

LOCATED ON:	SUMMIT AVENUE	FROM CREST ST TO CSAH 11	STA. 200+00.00 TO STA. 217+14.99
	MIDWAY AVENUE	FROM CREST ST TO CSAH 11	STA. 300+00.00 TO STA. 316+55.12
	CREST STREET	FROM SUMMIT AVE TO CR284	STA. 400+35.00 TO STA. 407+00.19
	MAIN STREET	FROM SUMMIT AVE TO CSAH 11	STA. 500+35.00 TO STA. 506+99.67
	HILL STREET	FROM SUMMIT AVE TO CSAH 11	STA. 600+33.00 TO STA. 606+98.97

COUNTY PROJ. NO. 8282

GROSS LENGTH	5365.95	FEET	1.016	MILES
BRIDGES-LENGTH	0	FEET	0	MILES
EXCEPTIONS-LENGTH	0	FEET	0	MILES
NET LENGTH	5365.94	FEET	1.016	MILES

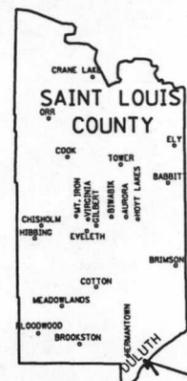
STATE AID PROJ. NO. 69-611-016

GROSS LENGTH	2248.50	FEET	0.426	MILES
BRIDGES-LENGTH	0	FEET	0	MILES
EXCEPTIONS-LENGTH	0	FEET	0	MILES
NET LENGTH	2248.50	FEET	0.426	MILES



END PROJECT: S.A.P. 69-611-016

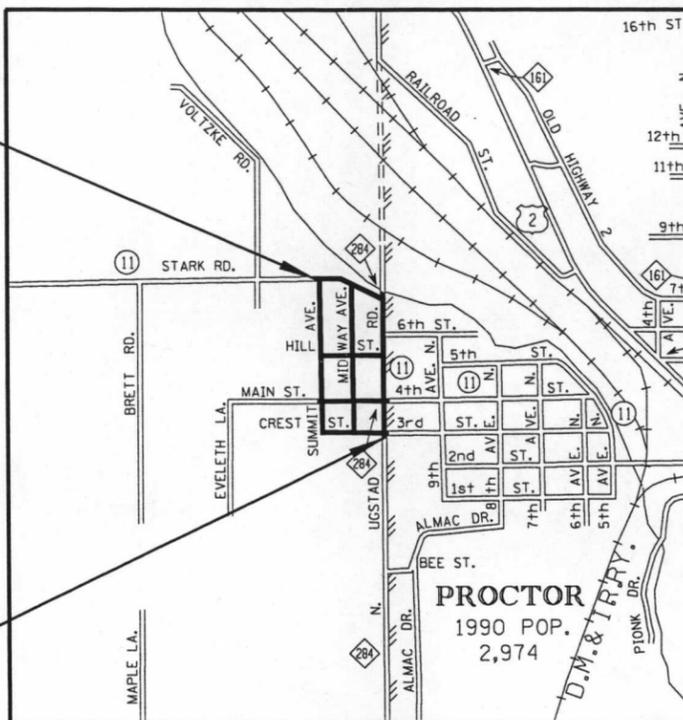
STA. 123+43.91



PROJECT
LOCATION

BEGIN PROJECT: S.A.P. 69-611-016

STA. 100+95.41



PLAN REVISIONS

DATE	SHEET NO.	APPROVED BY

SCALES

PLAN	20'
PROFILE	20' 5'
	HORIZ. VERT.
INDEX MAP	1000'



Engineers/Architects
Scientists/Surveyors
2701 WEST SUPERIOR STREET, SUITE 110
DULUTH, MN 55806

MINN. PROJ. NO.

SPECIFICATIONS

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

INDEX

SHEET NO.	TITLE SHEET
1	TITLE SHEET
2-3	STATEMENT OF ESTIMATED QUANTITIES
4	STANDARD PLATES AND TABULATION CHART INDEX
5-17	TABULATIONS CHARTS
18-20	TYPICAL SECTIONS
21-28	CONSTRUCTION DETAILS
29-30	TRAFFIC CONTROL
31	PAVEMENT MARKINGS
32-44	EROSION CONTROL
45-46	ALIGNMENT SHEET
47-63	CONSTRUCTION PLAN AND PROFILE
64-68	STORM SEWER PROFILES
69-113	CROSS SECTIONS

THIS PLAN CONTAINS 113 SHEETS.

DESIGN DESIGNATION

ADT (2005)	=	1210
ADT (2025) (1.4)	=	1694
D (Directional Distr.)	=	50/50%
T (Heavy Commercial)	=	< 5%
Proj. Soil Factor	=	130
Design Loading	=	10 TON
Design Speed	30	mph
Based on STOPPING Sight Distance		
Height Of Eye	3.5'	Height of object 0.5'
Design Speed not achieved at:	STA. _____ TO STA. _____ mph	
URBAN CLASSIFICATION		
Minor Arterial- Ugstad Road		
Major Collector - Stark Road		
Lane Width 12' Shoulder 4'		
Parking Lane 10'		

DESIGN SQUAD AYRES ASSOCIATES INC (CRF, MEO, PMR & BPS)

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: THOMAS M. PFEFFER LIC. NO. 22442

SIGNATURE: _____ DATE: 9/2/05

APPROVED: _____ DATE: _____
ST. LOUIS COUNTY HIGHWAY ENGINEER

APPROVED: _____ DATE: _____
MIDWAY TOWNSHIP CHAIRMAN

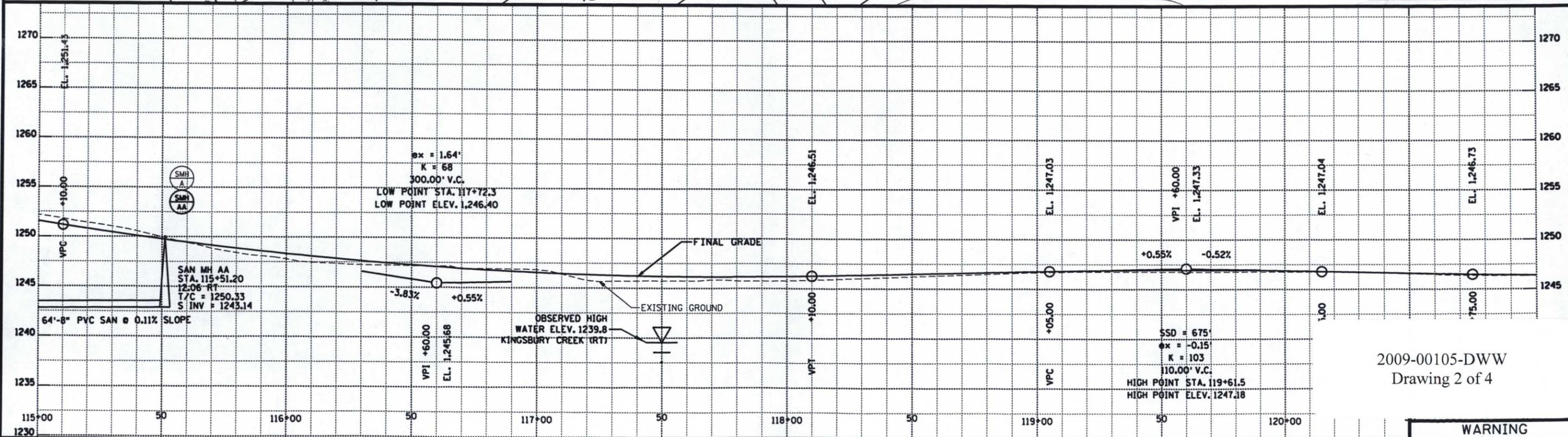
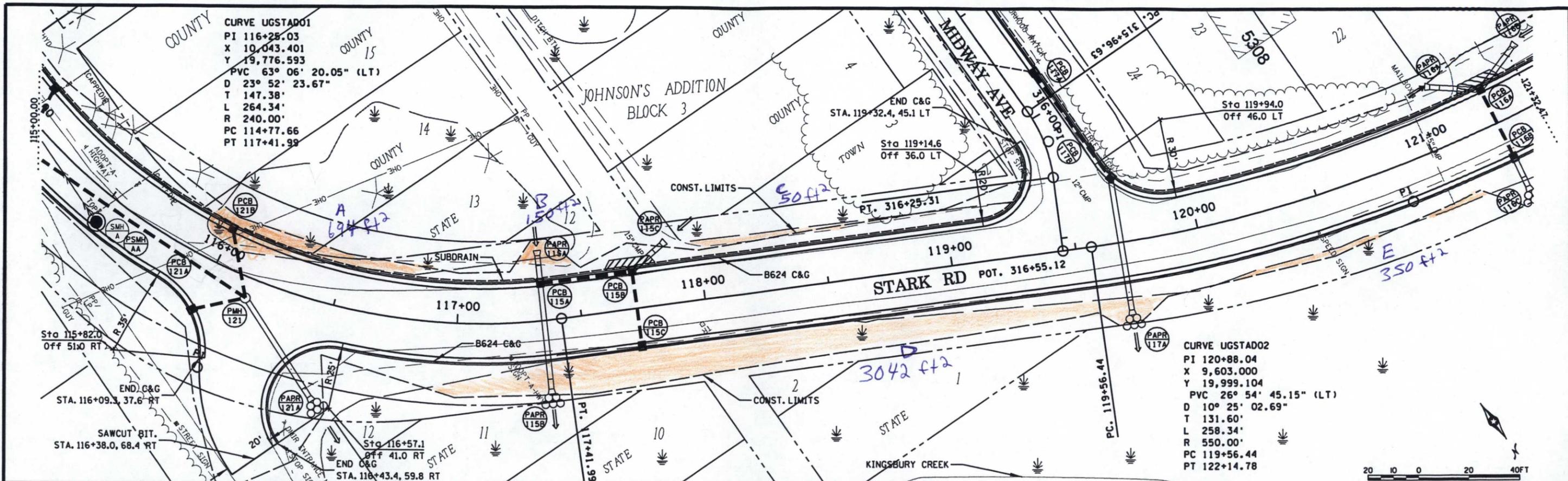
APPROVED: _____ DATE: _____
CITY OF PROCTOR ENGINEER

DISTRICT STATE AID ENGI
COMPLIANCE WITH STATE-

2009-00105-DWW
Drawing 1 of 4

APPROVED FOR STATE AID

STATE AID PROJ. NO. 69-611-016 C.P. 8282 SHEET NO. 1 OF 113 SHEETS



2009-00105-DWW
 Drawing 2 of 4

WARNING
 LOCATION OF UNDERGROUND UTILITIES
 TO BE VERIFIED BY CONTRACTOR.
 GOPHER STATE ONE CALL
 CALL BEFORE DIGGING.
 1-800-252-7766
 REQUIRED BY LAW

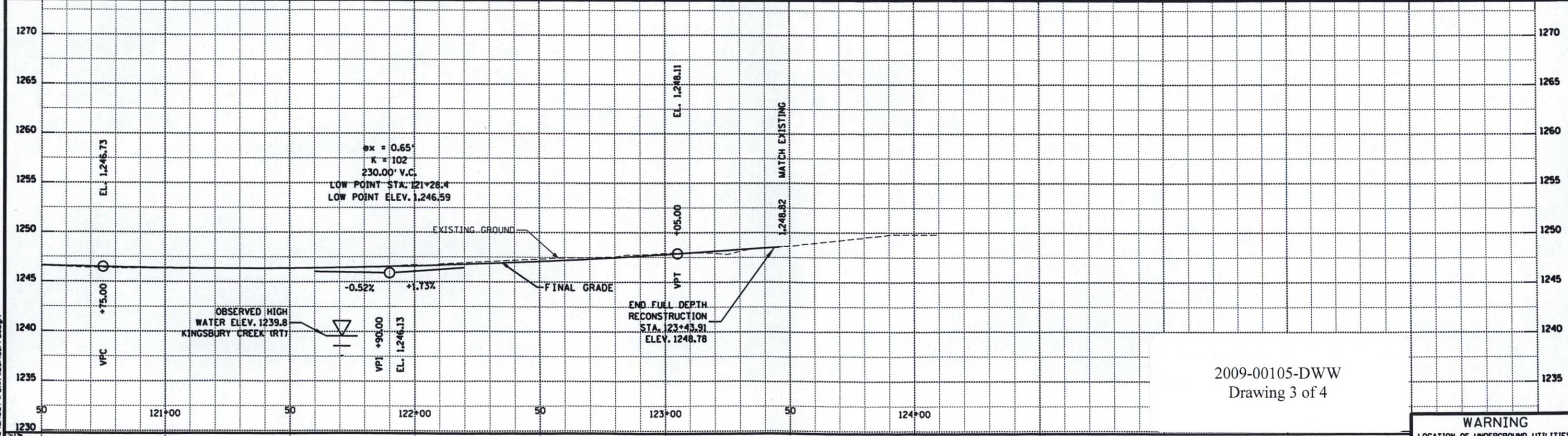
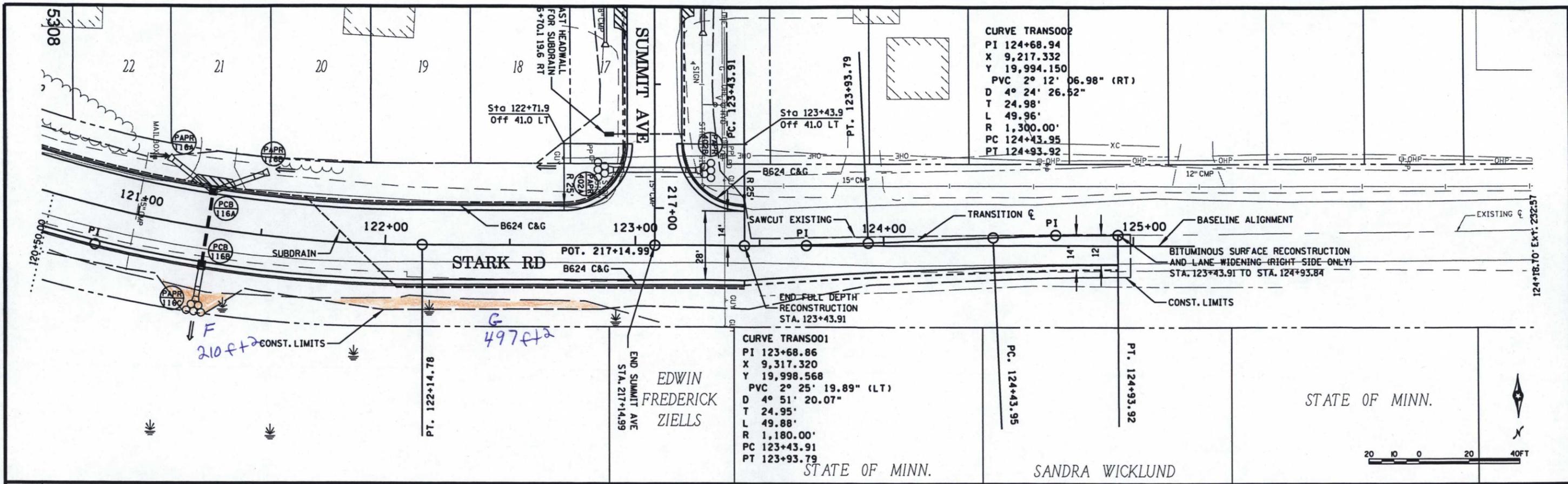
AYRES ASSOCIATES
 Engineers/Architects
 Scientists/Surveyors
 2701 WEST SUPERIOR STREET, SUITE 110
 DULUTH, MN 55806

CERTIFIED BY: THOMAS M. PFEFFER - LICENSED PROFESSIONAL ENGINEER
 LIC. 22442
 DATE: 09/02/05

MIDWAY PARK
 STATE AID PROJECT 69-611-016 C.P. 8282

STARK ROAD - PLAN & PROFILE
 SHEET NO. 50 OF 113 SHEETS

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121+00	121+50	122+00	122+50	123+00	123+50	124+00
1,246.77	1,246.86	1,246.49	1,246.63	1,246.53	1,246.61	1,246.85
1,246.86		1,246.53	1,246.61	1,247.56	1,247.31	1,248.23
		1,246.85	1,246.84	1,248.03	1,248.03	

AVRES ASSOCIATES
 Engineers/Architects
 Scientists/Surveyors
 2701 WEST SUPERIOR STREET, SUITE 110
 DULUTH, MN 55806

CERTIFIED BY: _____ LIC. 22442
 THOMAS M. PFEFFER - LICENSED PROFESSIONAL ENGINEER DATE: 09/02/05

MIDWAY PARK
 STATE AID PROJECT 69-611-016 C.P. 8282

STARK ROAD - PLAN & PROFILE
 SHEET NO. 5/ OF 1/3 SHEETS

WARNING
 LOCATION OF UNDERGROUND UTILITIES TO BE VERIFIED BY CONTRACTOR. Gopher State One Call. CALL BEFORE DIGGING. 1-800-252-7766 REQUIRED BY LAW

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Location Map T49 R15 N↑

