

PLAN SYMBOLS

STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
QUARTER LINE
SECTION LINE
EIGHTH PART OF WAY LINE
PROPOSED RIGHT-OF-WAY LINE
CORPORATE OR CITY LIMITS
RAILROAD
RAILROAD RIGHT-OF-WAY
RIVER OR CREEK
GULLY
GUARDRAIL
WOOD FENCE
BASED WIRE FENCE
MOVIE WIRE FENCE
CHAIN LINK FENCE
TIMBER WALL
STONE WALL
HEDGE
RAILROAD CROSSING SIGN
CROSSING GATE
MEADOW CORNER
SLOPE EASEMENT (CONST. LIMITS)
MARSH
DECIDUOUS TREE
CONIFEROUS TREE
BUSH OR SHRUB
WOODS
CATCH BASIN
BRIDGE
IRON PIPE OR ROD
MONUMENT (STONE, CONCRETE OR METAL)
WOODEN POST

UTILITY SYMBOLS

UTILITY POLE
JOINT OR ANCHOR
STREET LIGHT
ELECTRIC PEDESTAL
GAS MISC.
WATER MAIN
TELEPHONE VAULT
ELECTRIC VAULT
TELEPHONE CABLE
ELECTRIC CABLE
STORM SEWER
SANITARY SEWER
SEWER MANHOLE
GATE VALVE
CONTROLLER CABINET
EXISTING IRRIGANT
CABLE TELEVISION-BURIED
FIBER OPTIC CABLE
TRAFFIC SIGNAL LINE
TRAFFIC SIGNAL HAND HOLE

FOR PLANS AND UTILITIES SYMBOLS SEE
MIN/DOT TECHNICAL MANUAL

-COVERING SPECIFICATIONS-

THE MINNESOTA DEPARTMENT OF TRANSPORTATION
"STANDARD SPECIFICATIONS FOR CONSTRUCTION"
SHALL APPLY.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL
CONFORM TO THE MANUAL INCLUDING FIELD MANUAL
FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS,
SEE [HTTP://WWW.DOT.STATE.MN.US/TRAFFICON/](http://www.dot.state.mn.us/trafficon/)

ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS
AND ORDINANCES WILL BE COMPLIED WITH IN THE
CONSTRUCTION OF THIS PROJECT.

SCALE IN FEET

PLAN
INDEX MAP

GROSS LENGTH 5162.00 FEET 1.17 MILES
BRIDGE LENGTH -----
EXCEPTIONS 0.00 0.00 MILES
NET LENGTH 5162.00 FEET 1.17 MILES

RAMSEY COUNTY

DEPARTMENT OF PUBLIC WORKS

PLAN FOR MILL AND BITUMINOUS OVERLAY OF

ENERGY PARK DRIVE

62-632-003

BETWEEN: RAIL ROAD CROSSING TO SNELLING AVE

INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATED QUANTITIES
3	TYPICAL SECTION
4-8	PLAN SHEETS

THIS PLAN CONTAINS 8 SHEETS

BEGIN S.A.P. 62-632-003
ENERGY PARK DRIVE
STA. 0+00.00

END S.A.P. 62-632-003
ENERGY PARK DRIVE
STA. 6H-62

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.

Kathy J. Jacobs REC. NO. 21864 DATE 4/26/06
KATHY JACOBS

RECOMMENDED FOR APPROVAL *[Signature]* DATE 5/10/06
COUNTY ENGINEER

APPROVED *[Signature]* DATE 5/30/06
CITY OF SAINT PAUL

MINNESOTA DEPARTMENT OF TRANSPORTATION

RECOMMENDED FOR APPROVAL *[Signature]* DATE 6/4/06
RECEIVED COUNTY ENGINEER

APPROVED *[Signature]* DATE 6/4/06
FOR STATE ENGINEER

STATEMENT OF ESTIMATED QUANTITIES			
Item Number	Item	Unit	Estimated Quantity 100% S.A.P. 62-632-03
2021.501	Mobilization	L.S.	1
2232.501	Mill Bituminous Surface (1 1/2")	S.Y.	32,350
2350.501	Type MVWE35035E (1 1/2") Wearing Course Mixture	Ton	3,125
2357.502	Bituminous Material for Tack Coat	Gal.	1,618
2504.602	Adjust Valve Box	Each	22
2506.522	Adjust Frame & Ring Casting	Each	34
2563.601	Traffic Control	L.S.	1
2564.602	Pavement Message (Railroad Emblem) - Poly Preform	Each	4
2564.603	4" Solid Line White - Epoxy	L.F.	10,800
2564.603	4" Broken Line White - Epoxy (10-30 Skip Cycle)	L.F.	2,700
2564.603	4" Double Solid Line Yellow - Epoxy	L.F.	10,800
2564.603	24" Stop Line White - Poly Preform	L.F.	60
2564.618	Zebra Crosswalk White - Poly Preform	S.F.	336

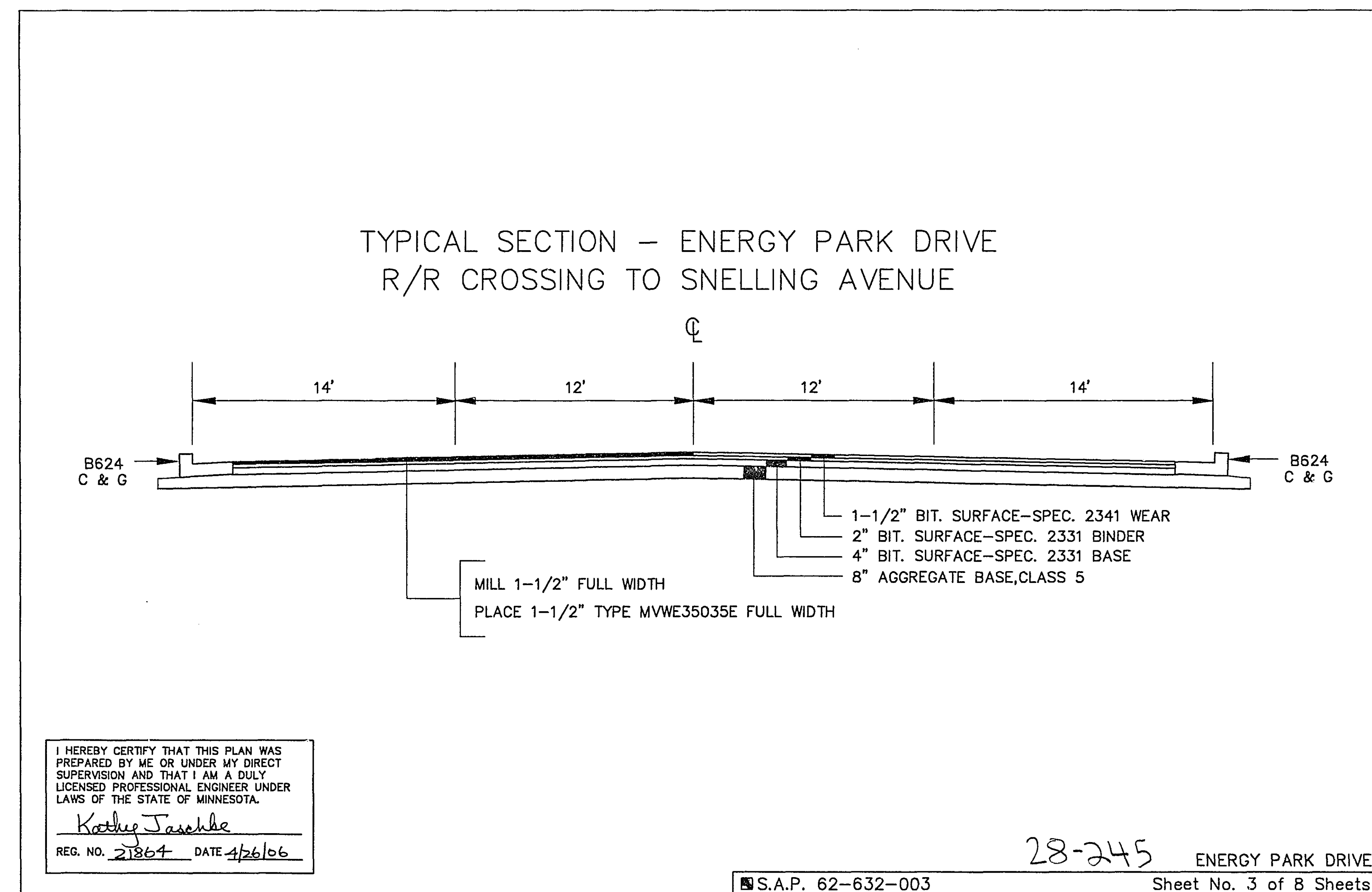
MN/DOT STANDARD PLATES	
PLATE NO.	DESCRIPTION
80001	STANDARD BARRICADES

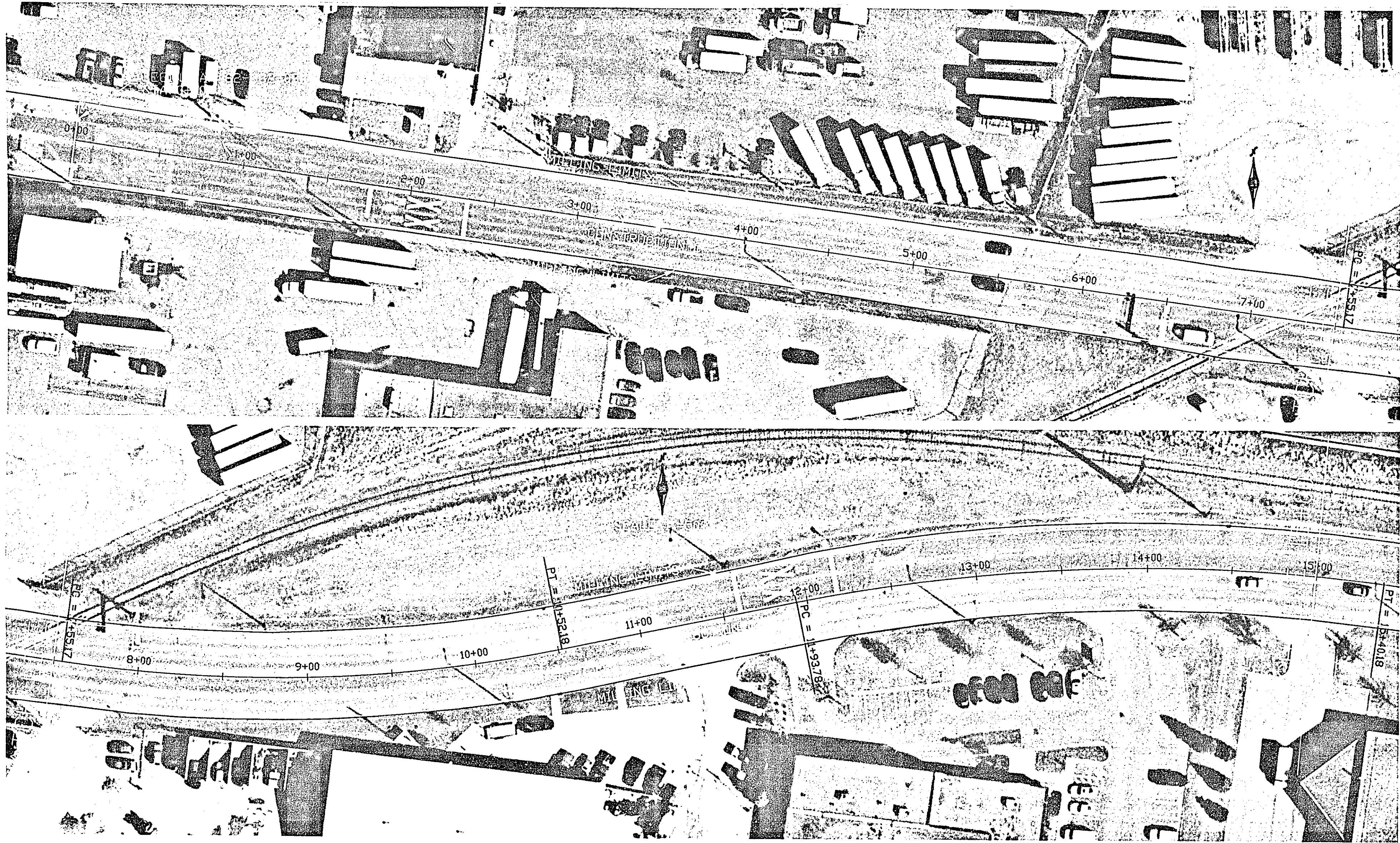
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DIRECT SUPERVISION, AND THAT I AM A DULY LICENSED PROFESSIONAL
ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

NAME Kathy Touchette
MN REG. NO. 2184 DATE 4/26/06

S.A.P. 62-632-003 **SHEET 2 of 8 SHEETS**

28-245

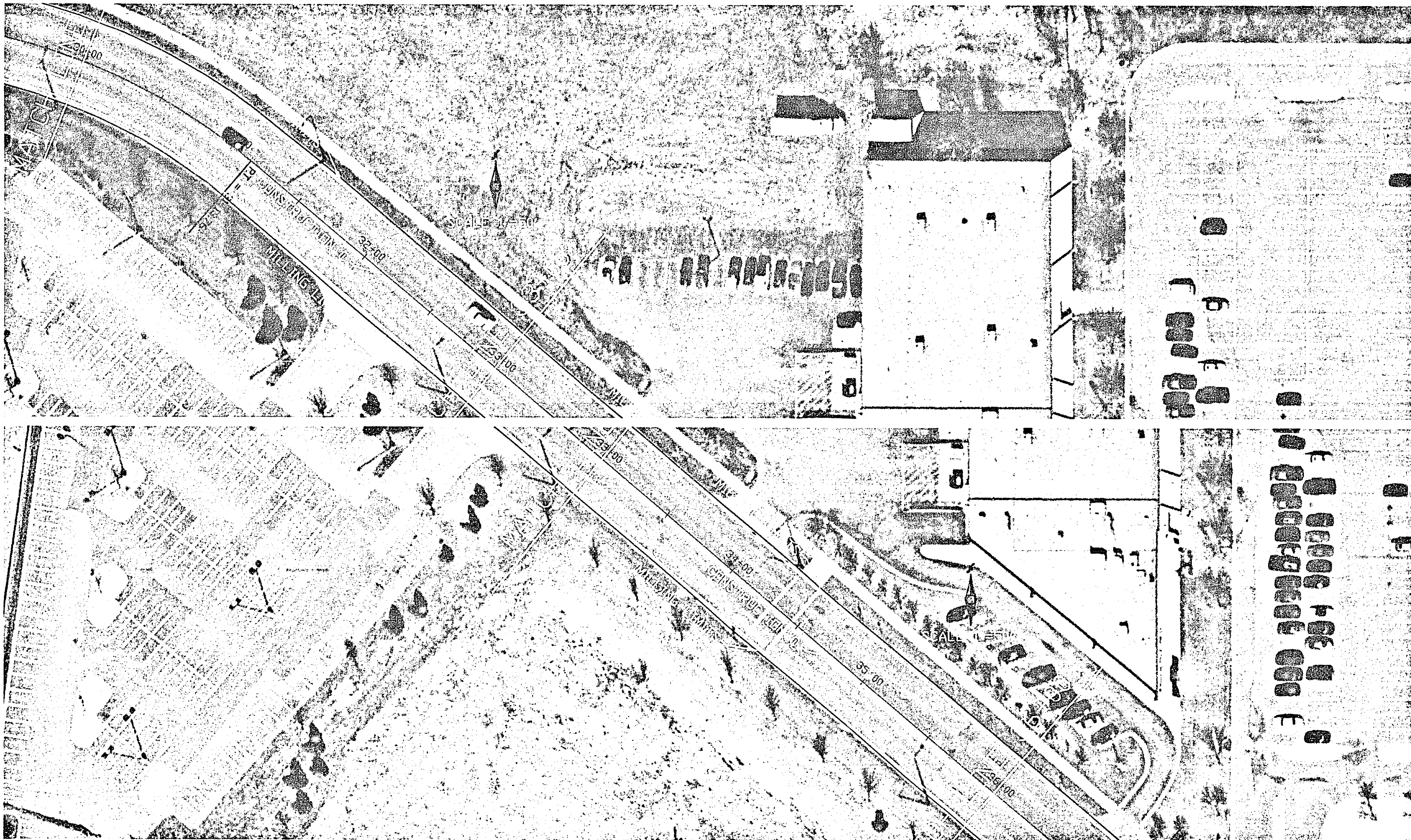




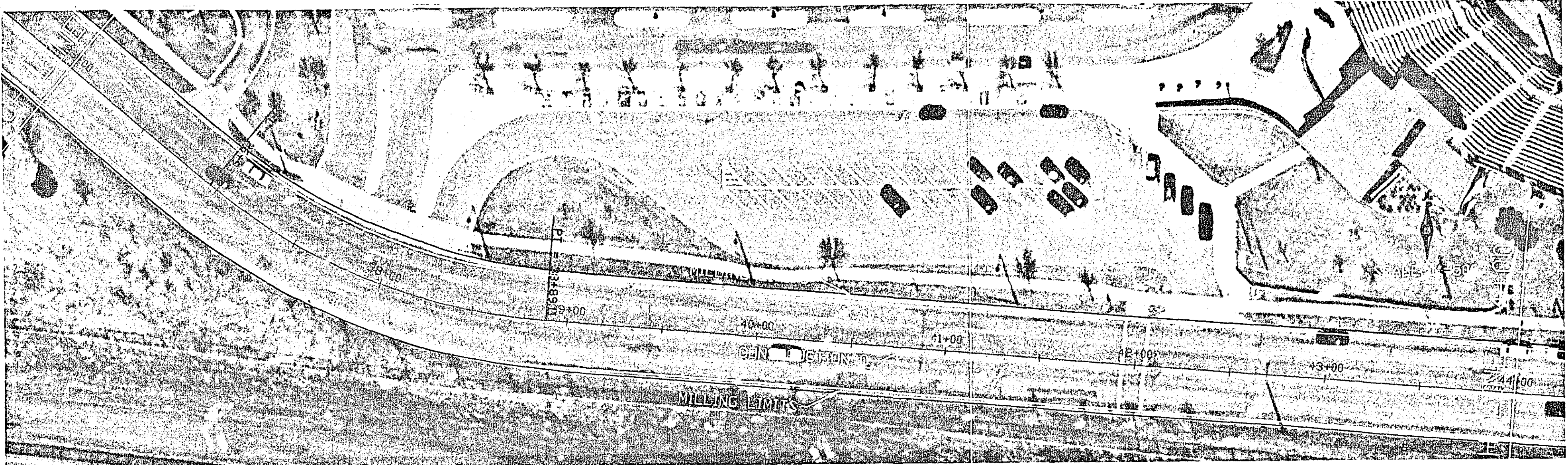
NO.	REV.	DATE	BY:	DESCRIPTION	I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. SIGNED: <u>Kathy Sawchuk</u> DATE: <u>2/18/04</u> DATE: <u>4/26/06</u>	ENERGY PARK DRIVE Rail Road Xing to Snelling Ave.	S.A.P. 62-632-03 County Proj. P-3241		ROADWAY PLAN <u>28-245</u> Sheet No. 4 of 8 Sheets



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NO.	REV.	DATE	BY:	DESCRIPTION

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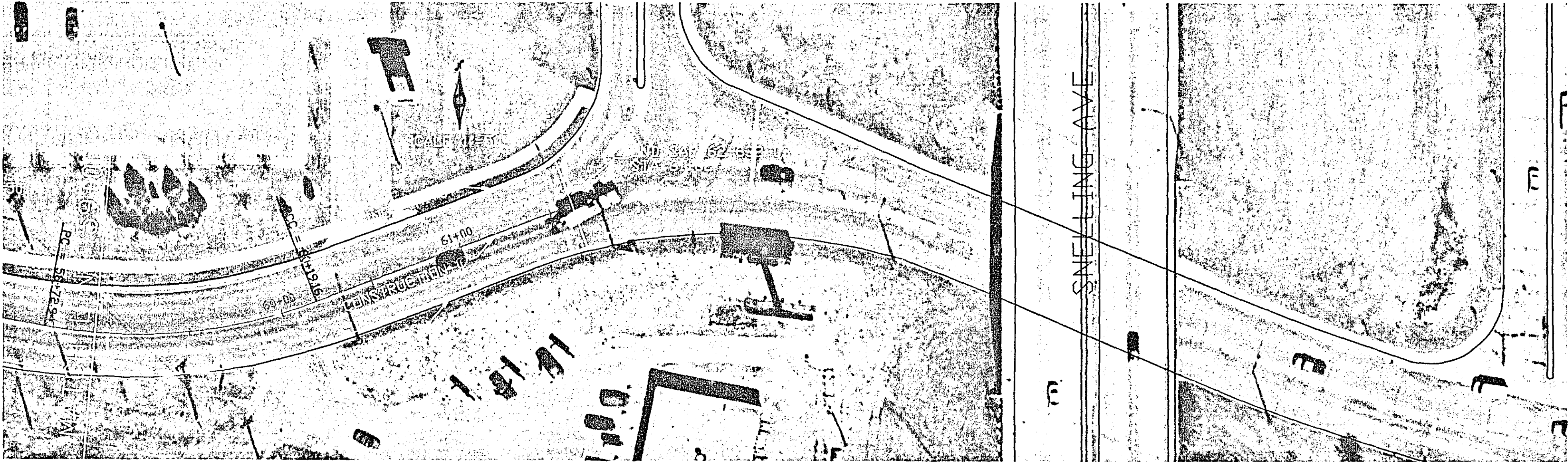
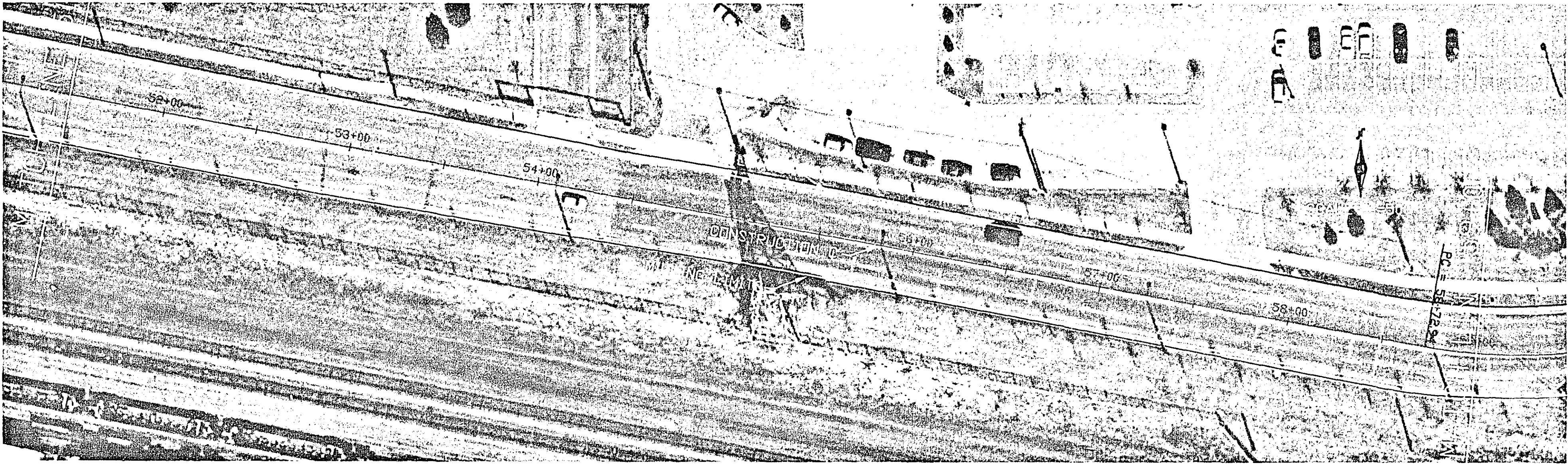
SIGNED: Kathy Savelle
DATE: 2/18/06 DATE: 4/26/06

ENERGY PARK DRIVE
Rail Road Xing to Snelling Ave.

S.A.P. 62-632-03
County Proj. P-3241



ROADWAY PLAN 28-245
Sheet No. 7 of 8 Sheets



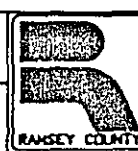
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SIGNED: Kathy Savelle
DATE: 2/18/06 DATE: 4/26/06

ENERGY PARK DRIVE
Rail Road Xing to Snelling Ave.

S.A.P. 62-632-03
County Proj. P-3241



ROADWAY PLAN 28-245
Sheet No. 8 of 8 Sheets