

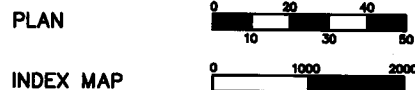
PLAN SYMBOLS

- STATE LINE
- COUNTY LINE
- TOWNSHIP OR RANGE LINE
- SECTION LINE
- QUARTER LINE
- SIXTEENTH LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPERTY LINE
- CORPORATE OR CITY LIMITS
- RAILROAD
- RAILROAD RIGHT-OF-WAY
- RIVER OF CREEK
- CULVERT
- GUARDRAIL
- WOOD FENCE
- BARBED WIRE FENCE
- WOVEN WIRE FENCE
- CHAIN LINK FENCE
- TIMBER WALL
- STONE WALL
- HEDGE
- RAILROAD CROSSING SIGN
- CROSSING GATE
- MEANDER 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 HUB

UTILITY SYMBOLS

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

SCALES IN FEET



GROSS LENGTH	3020.00 FEET	0.57 MILES
BRIDGE LENGTH	-----	-----
EXCEPTIONS	0.00	0.00
NET LENGTH	3020.00 FEET	0.57 MILES



RAMSEY COUNTY

DEPARTMENT OF PUBLIC WORKS

PLAN FOR THE MILL AND BITUMINOUS OVERLAY OF

OLD HIGHWAY 8 S.A.P. 62-677-25

BETWEEN: 2ND STREET N.W. AND 6TH AVENUE N.W.

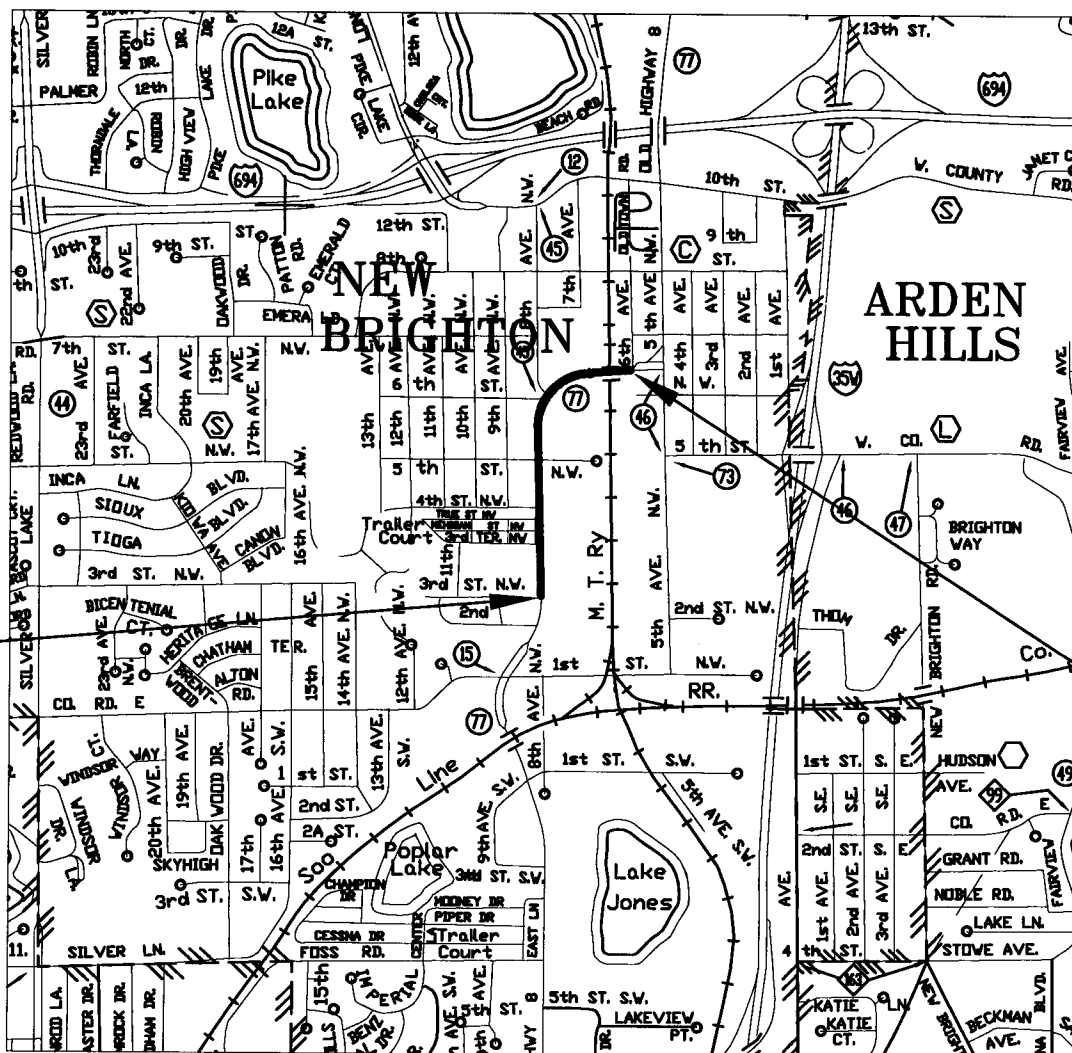
INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATED QUANTITIES
3-5	TYPICAL SECTIONS
6-8	PLAN SHEETS

THIS PLAN CONTAINS 8 SHEETS

BEGIN S.A.P. 62-677-25
OLD HIGHWAY 8
STA. 0+00.00

END S.A.P. 62-677-25
OLD HIGHWAY 8
STA. 30+20



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 Jaschke _____ REG. NO. 21864 DATE 4/11/07
KATHY JASCHKE

RECOMMENDED FOR APPROVAL *[Signature]* _____ DATE 5/8/07
COUNTY ENGINEER

APPROVED *[Signature]* _____ DATE 4/16/07
CITY OF NEW BRIGHTON

FOR PLANS AND UTILITIES SYMBOLS SEE MN/DOT TECHNICAL MANUAL.

-GOVERNING SPECIFICATIONS-

2005 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL APPLY.

ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE MMUTCD, INCLUDING FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS, SEE HTTP://WWW.DOT.STATE.MN.US/TRAFFICENG/

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

DESIGN DESIGNATION

2ND AVENUE N.W. TO 6TH AVENUE N.W.

PRESENT ADT (2007) 9400

FUNCTIONAL CLASS MINOR ARTERIAL
TRAFFIC LANES 4
PARKING LANES 0

DRAWN BY M. RAUCHBAUER, R. LEE DATE 03-01-2007

CHECKED BY _____ DATE _____

PLAN REVISIONS		
DATE	SHEET NO. & DESCRIPTION	BY

BASED ON STOPPING DISTANCE
HEIGHT OF EYE: 3.50 FEET
HEIGHT OF OBJECT: 0.50 FEET



28-254

STATEMENT OF ESTIMATED QUANTITIES

Item Number	Item	Unit	Estimated Quantity 100% S.A.P. 62-677-25
2021.501	Mobilization	L.S.	1
2232.501	Mill Bituminous Surface (1 1/2")	S.Y.	19,174
2360.501	Type SPWEB434E (1 1/2") Wearing Course Mixture	Ton	1,852
2357.502	Bituminous Material for Tack Coat	Gal.	960
2504.602	Adjust Valve Box	Each	4
2506.522	Adjust Frame & Ring Casting	Each	9
2506.602	Construct Survey Control Structure	Each	1
2563.601	Traffic Control	L.S.	1
2582.501	Pavement Message (Left or Right Arrow) Epoxy	Each	18
2582.502	4" Solid Line White - Epoxy	L.F.	6,000
2582.502	4" Broken Line White - Epoxy (10-30 Skip Cycle)	L.F.	3,000
2582.502	4" Double Solid Line Yellow - Epoxy	L.F.	5,400
2582.502	4" Broken Line Yellow - Epoxy (10-30 Skip Cycle)	L.F.	900
2582.502	12" Solid Line White (Survey Marker) - Epoxy	L.F.	20

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

BASIS FOR ESTIMATED QUANTITIES

- 115 LBS. / SQUARE YARDS / INCH OF BITUMINOUS
- .05 GALLONS OF BITUMINOUS TACK COAT / SQUARE YARD OF PAVEMENT / LIFTS

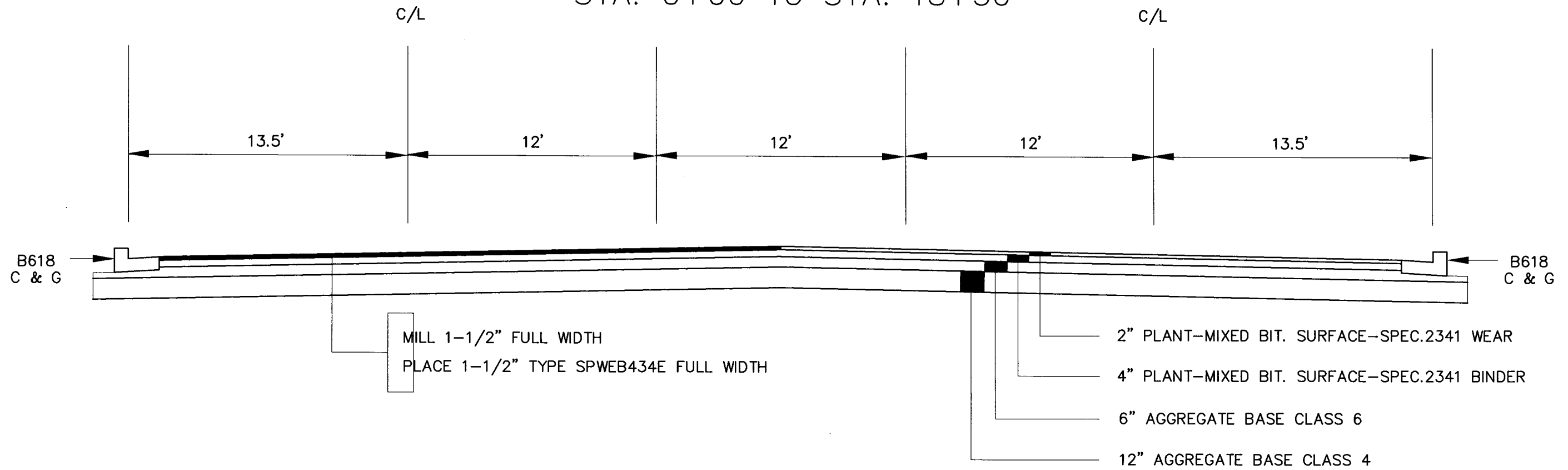
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

NAME Kathy Jasahke

MN REG NO. 21864 DATE 4/11/07

28-254

TYPICAL SECTION OLD HIGHWAY 8
 STA. 0+00 TO STA. 18+50

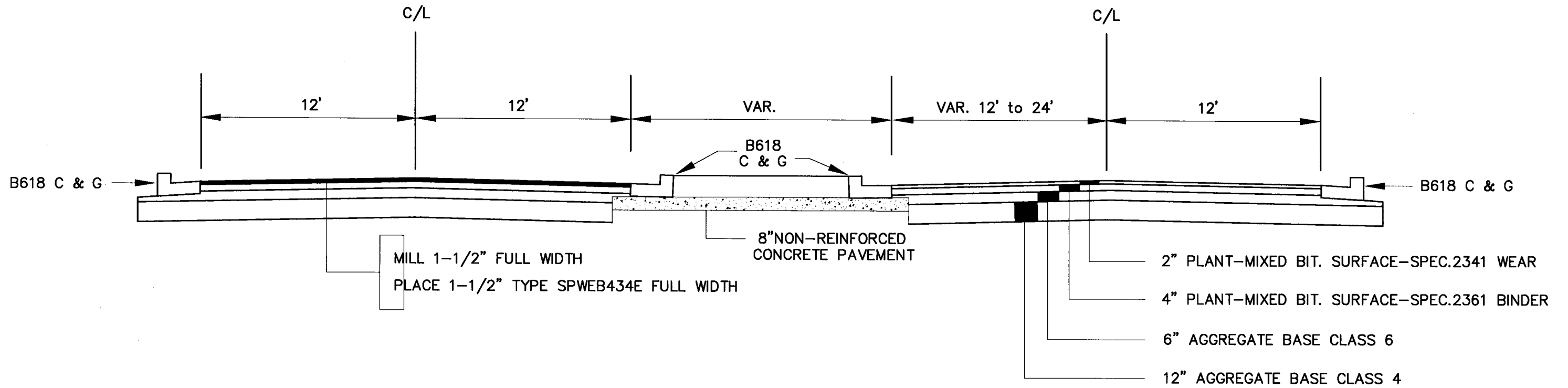


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Kathy Jaschke
 REG. NO. 21864 DATE 4/11/07

28-254

TYPICAL SECTION OLD HIGHWAY 8
 STA. 18+50 TO STA.26+00



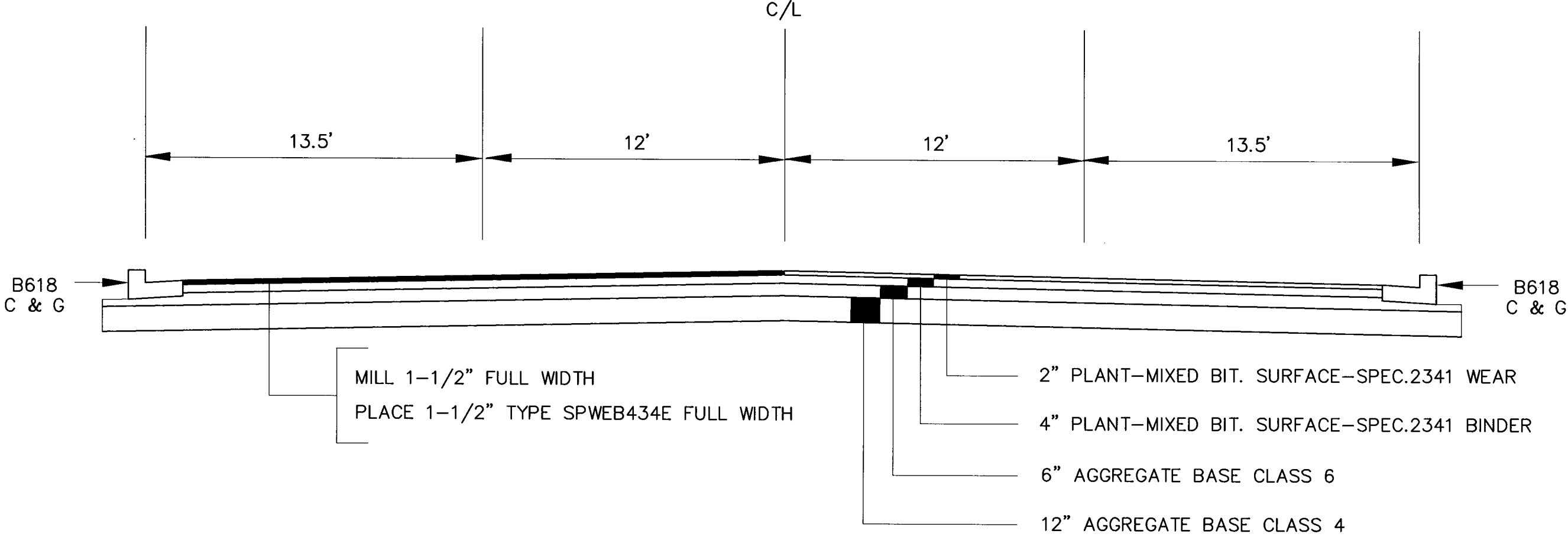
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Kathy Jaschke

REG. NO. 21864 DATE 4/11/07

28-254

TYPICAL SECTION OLD HIGHWAY 8
 STA. 26+00 TO STA. 30+20



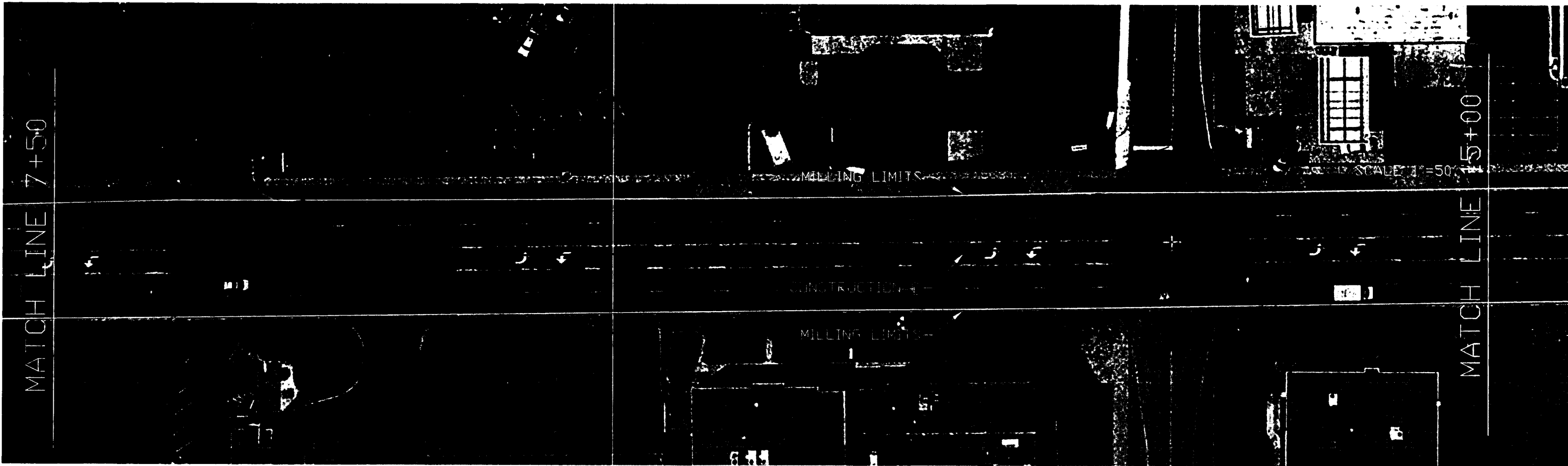
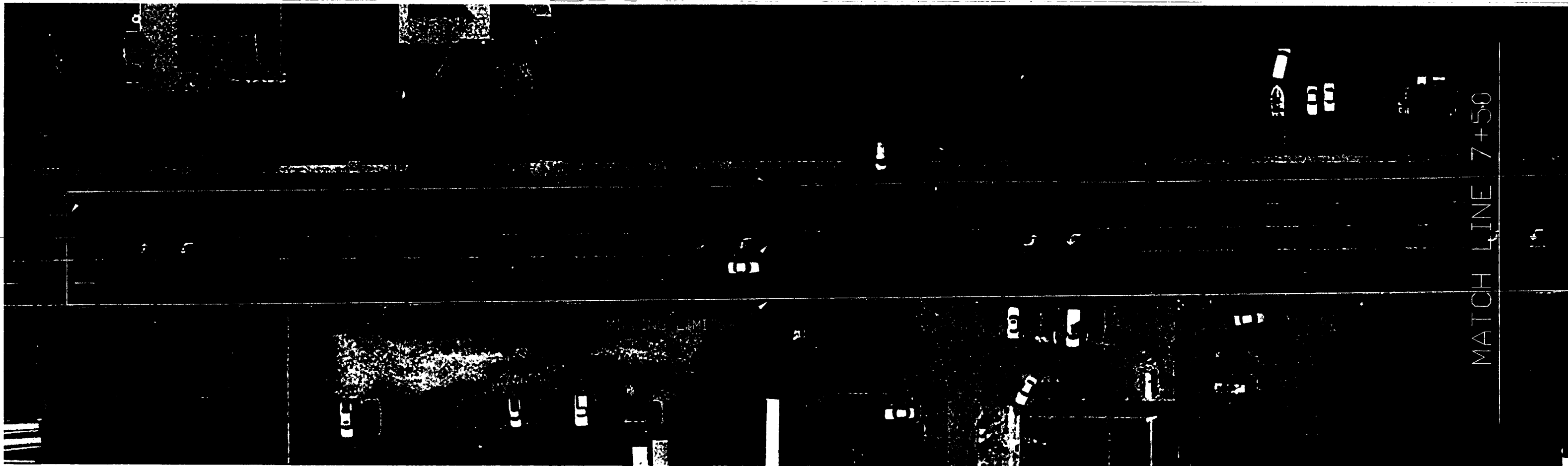
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Kathy Jaschke

REG. NO. 21864 DATE 4/11/07

28-254

OLD HIGHWAY 8



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: Kathy Saschke
 DATE: 2.18.64 DATE: 4/11/07

OLD HIGHWAY 8
 3rd St. NW to 6th Ave.

S.A.P. 62-677-25
 County Proj. P-3238

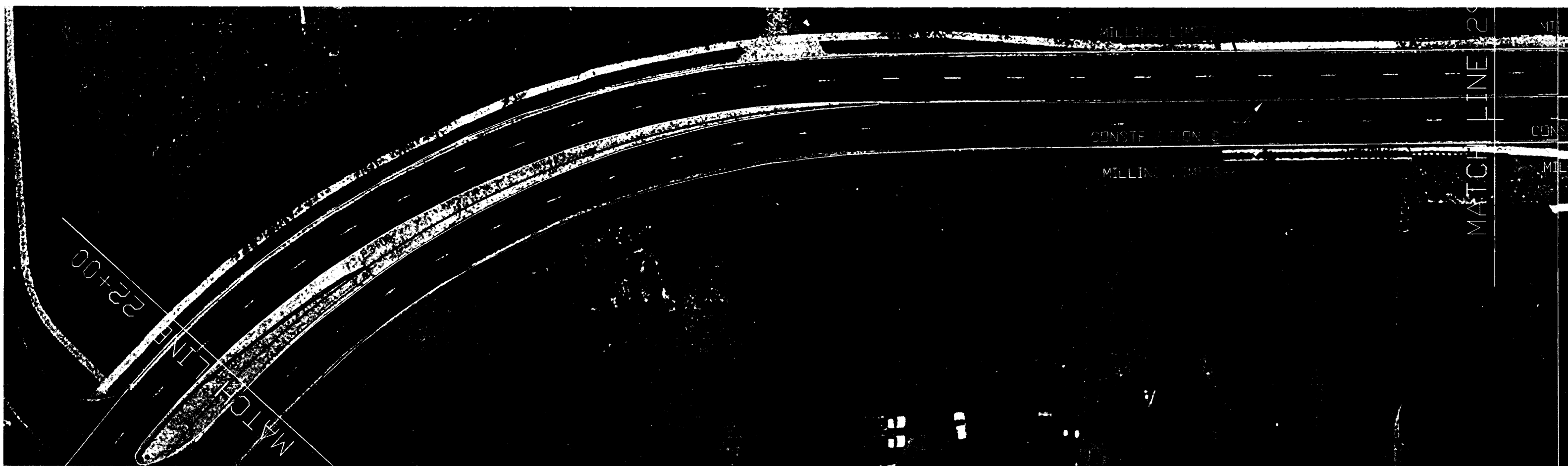


ROADWAY PLAN 28-254
 Sheet No. 6 of 8 Sheets

MATCH LINE 15+0



MATCH LINE 22+00



MATCH LINE 22+00

MATCH LINE 22+00

NO.	REV-DATE	BY:	DESCRIPTION

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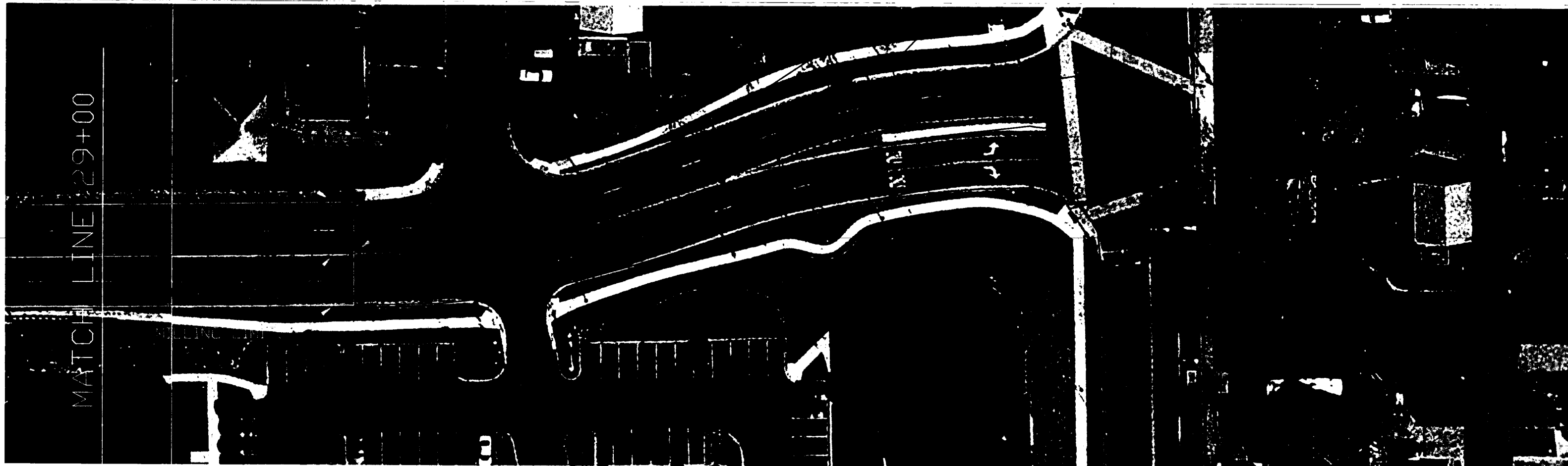
SIGNED: *Kathy Saschke*
 DATE: *2/18/07* DATE: *4/11/07*

OLD HIGHWAY 8
 3rd St. NW to 6th Ave.

S.A.P. 62-677-25
 County Proj. P-3238



ROADWAY PLAN *28-254*
 Sheet No. 7 of 8 Sheets



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: *Kathy Jasehke*
 DATE: *2/18/07* DATE: *4/11/07*

OLD HIGHWAY 8
 3rd St. NW to 6th Ave.

S.A.P. 62-677-25
 County Proj. P-3238



ROADWAY PLAN *28-254*
 Sheet No. 8 of 8 Sheets