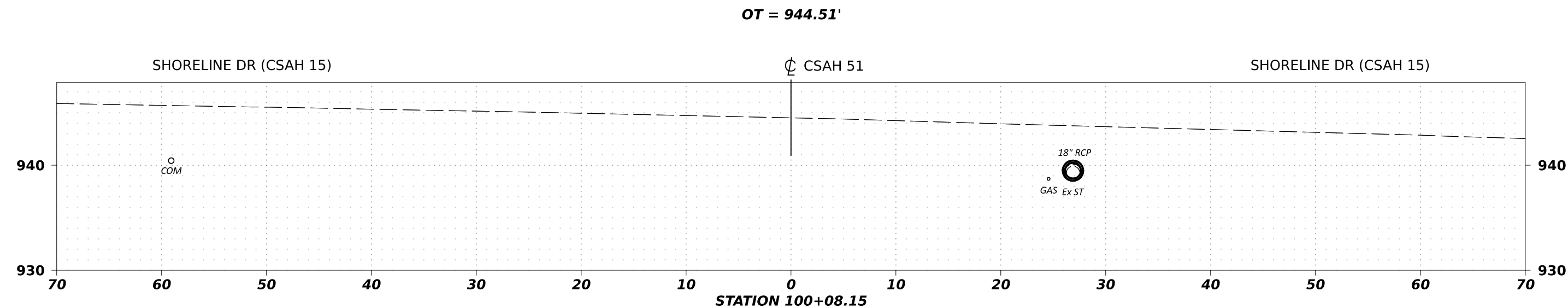
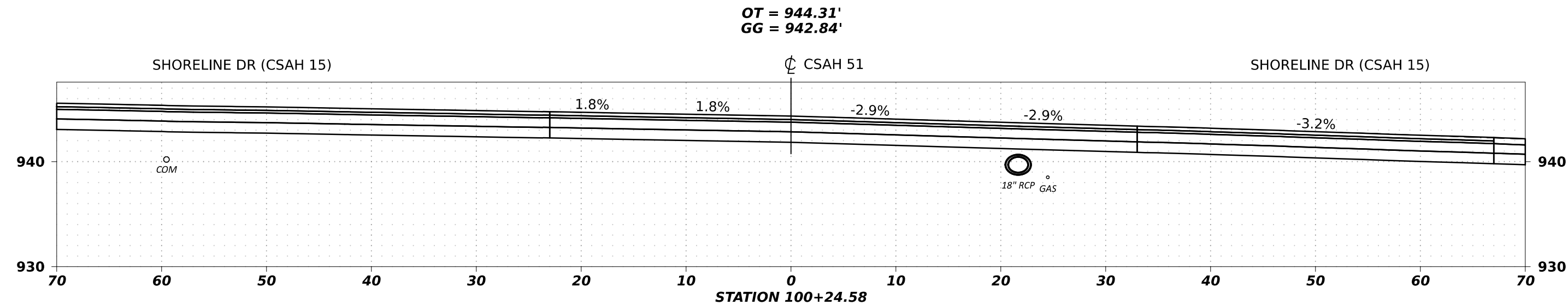


CROSS SECTION INDEX	
ALIGNMENT	SHEET NO.
CSAH 51	XS1- XS41
ROCKVAM RD	XS42
MAPLETON AVE NE	XS43
PARK LN SE	XS44
DICKSON AVE NE	XS45

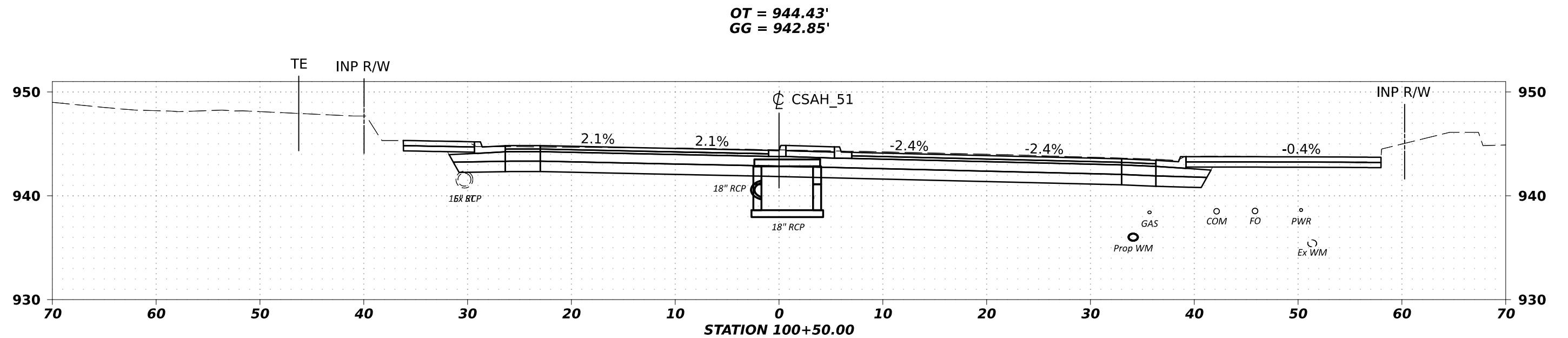
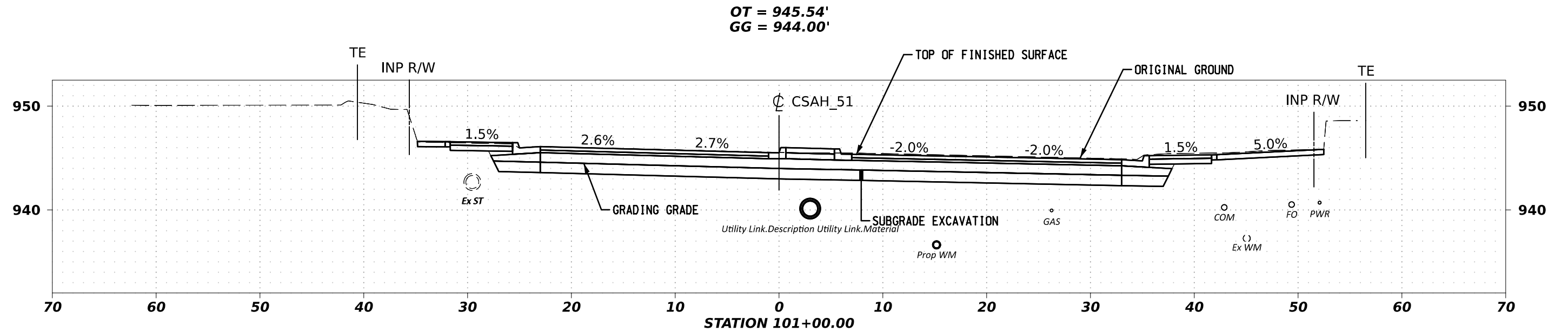


SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: S. PARK
CAD BY: R. MANKE
CHECKED BY: A. KLEIN
LAST REVISION: / /

X-SECTIONS	STATION 100+08.15 TO STATION 100+24.58	SHEET
CSAH 51 / HENNEPIN COUNTY PROJECT 2182000 SAP 027-651-011, SAP 027-619-029, SAP 027-594-005		XS1 XS45



SCALE H
0' 5' 10'

SCALE V
0' 5' 10'

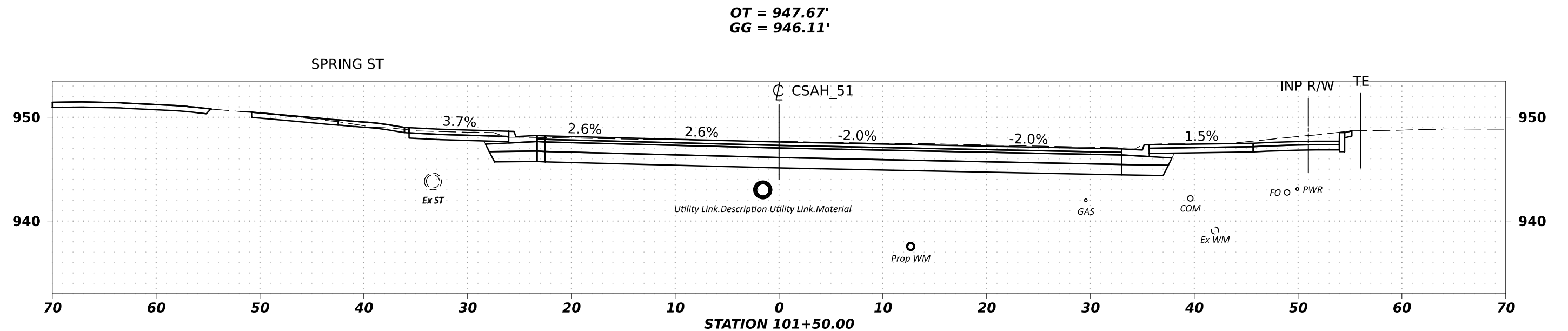
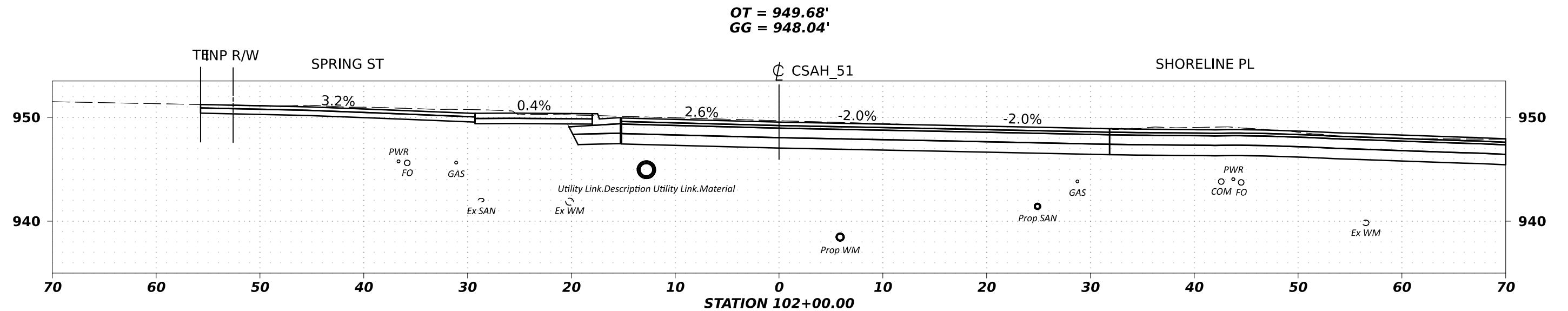
DESIGN BY: **S. PARK**
CAD BY: **R. MANKE**
CHECKED BY: **A. KLEIN**
LAST REVISION: **/ /**

X-SECTIONS STATION 100+50.00 TO STATION 101+00.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS2
XS45



SCALE H
0' 5' 10'

SCALE V
0' 5' 10'

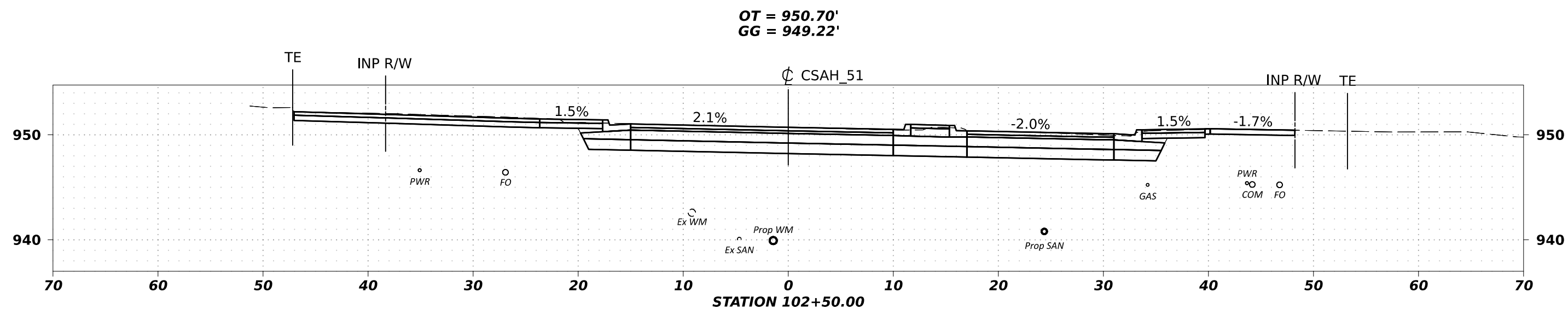
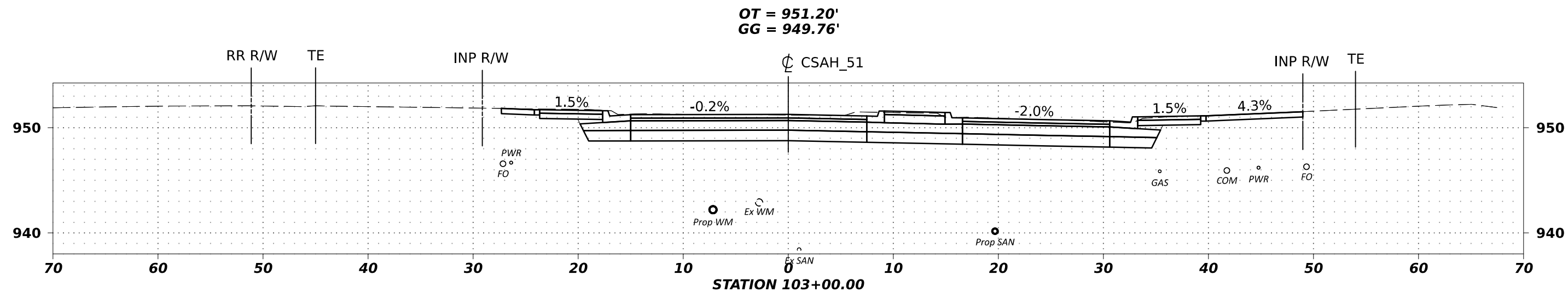
DESIGN BY: **S. PARK**
CAD BY: **R. MANKE**
CHECKED BY: **A. KLEIN**
LAST REVISION: **/ /**

X-SECTIONS STATION 101+50.00 TO STATION 102+00.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS3
XS45



SCALE H

0' 5' 10'

SCALE V

0' 5' 10'

DESIGN BY:

S. PARK

CAD BY:

R. MANKE

CHECKED BY:

A. KLEIN

LAST REVISION:

/ /

X-SECTIONS

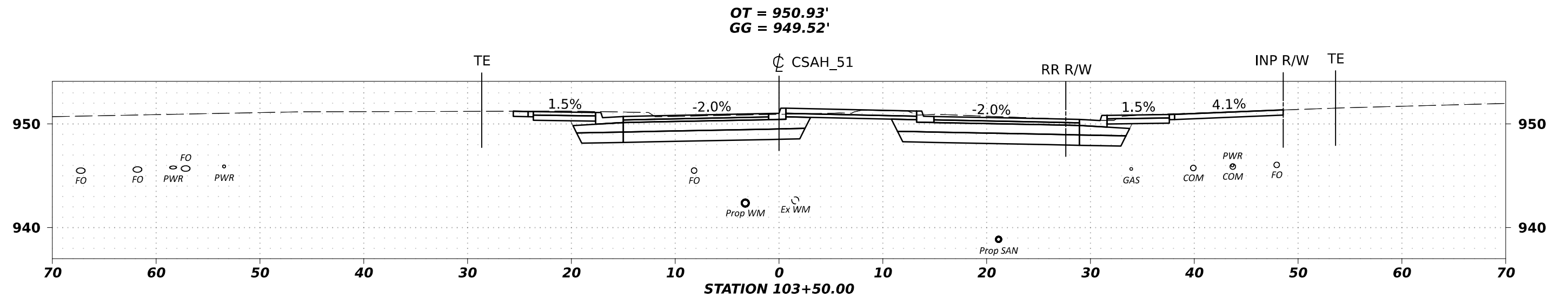
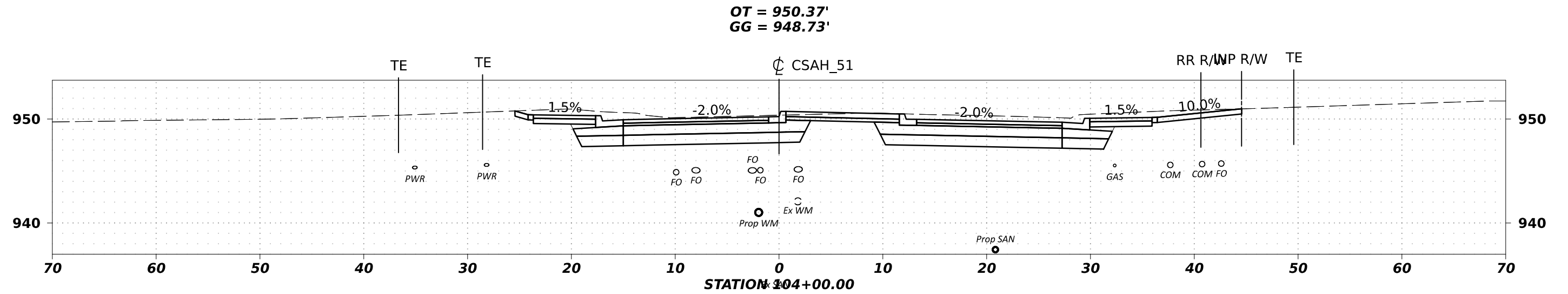
STATION 102+50.00 TO STATION 103+00.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS4

XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

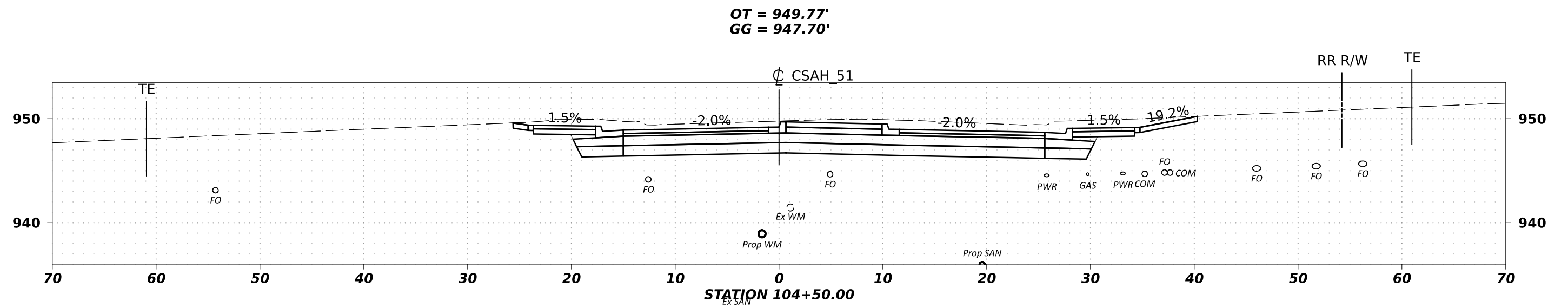
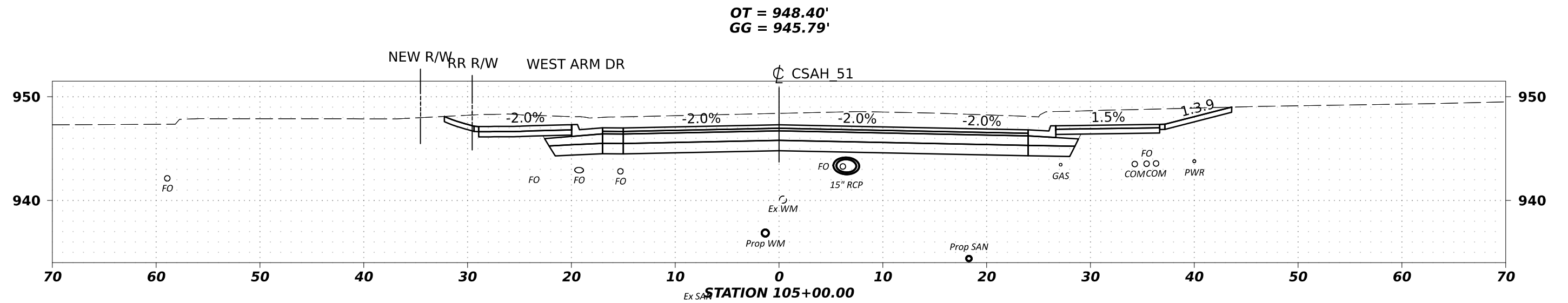
LAST REVISION: **/ /**

X-SECTIONS STATION 103+50.00 TO STATION 104+00.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS5
XS45



SCALE H
0' 5' 10'

SCALE V
0' 5' 10'

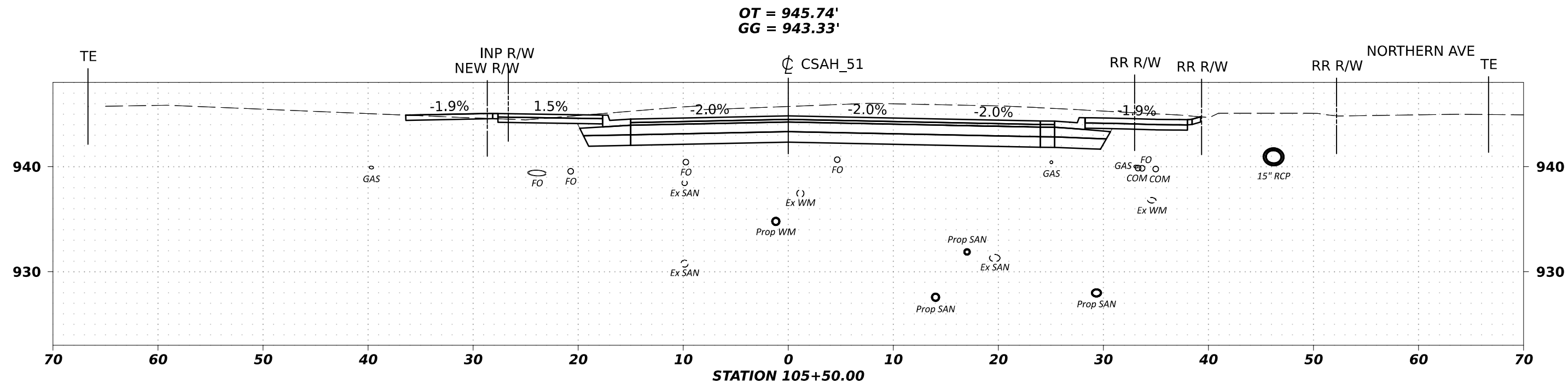
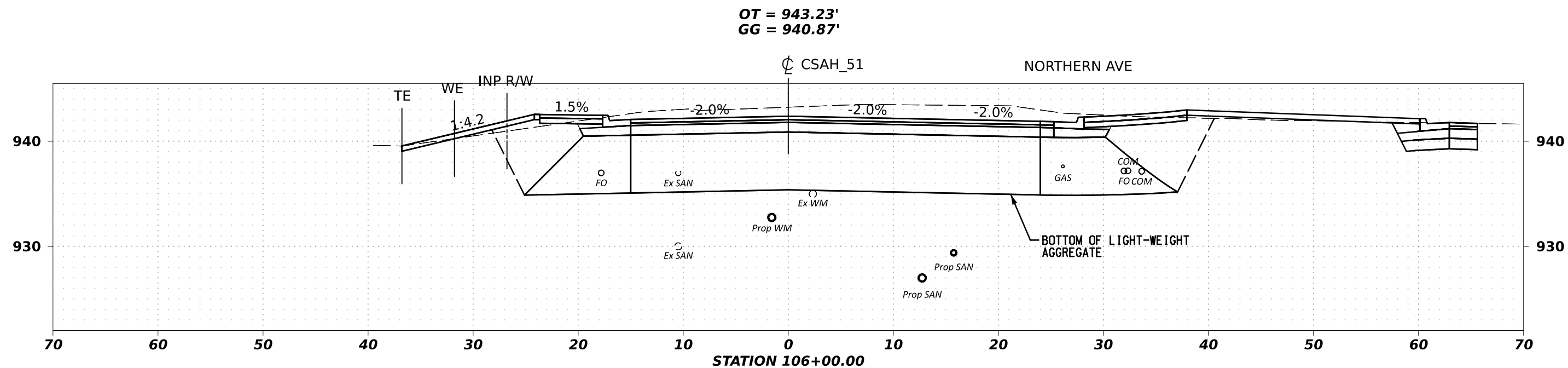
DESIGN BY: S. PARK
CAD BY: R. MANKE
CHECKED BY: A. KLEIN
LAST REVISION: / /

X-SECTIONS STATION 104+50.00 TO STATION 105+00.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS6
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

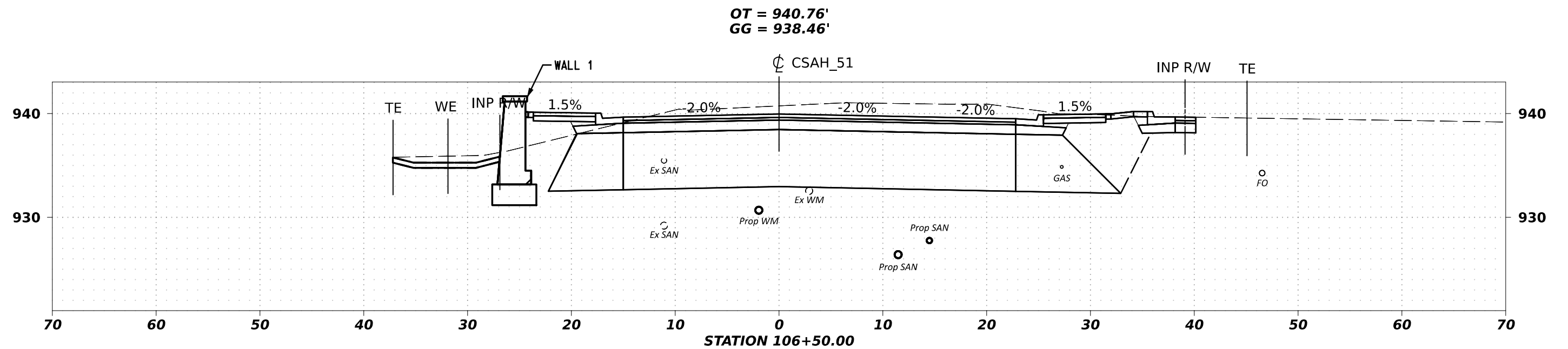
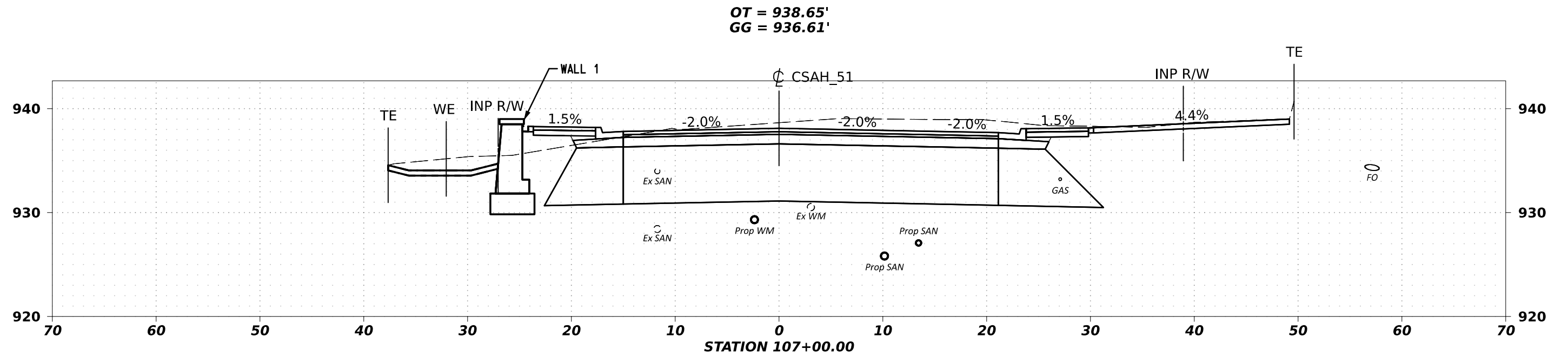
LAST REVISION: **/ /**

X-SECTIONS STATION 105+50.00 TO STATION 106+00.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS7
XS45



SCALE H
0' 5' 10'

SCALE V
0' 5' 10'

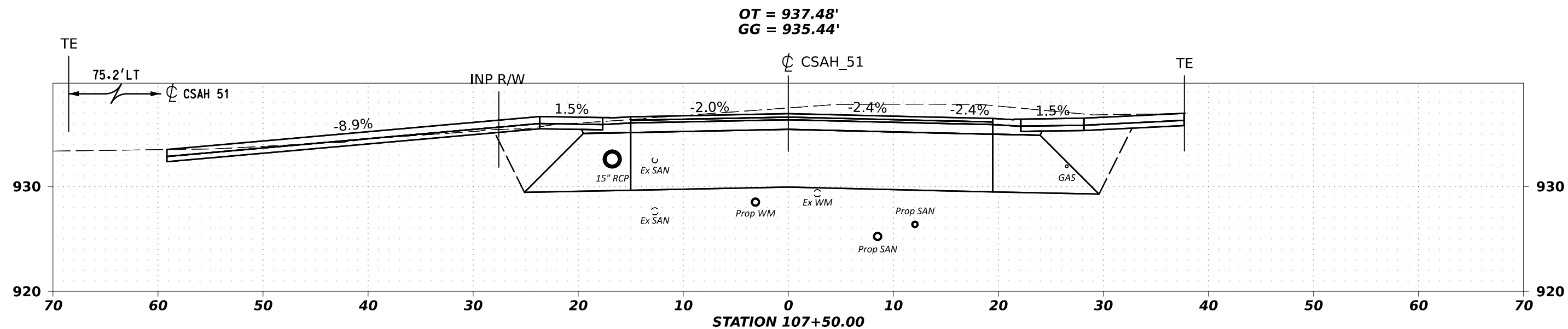
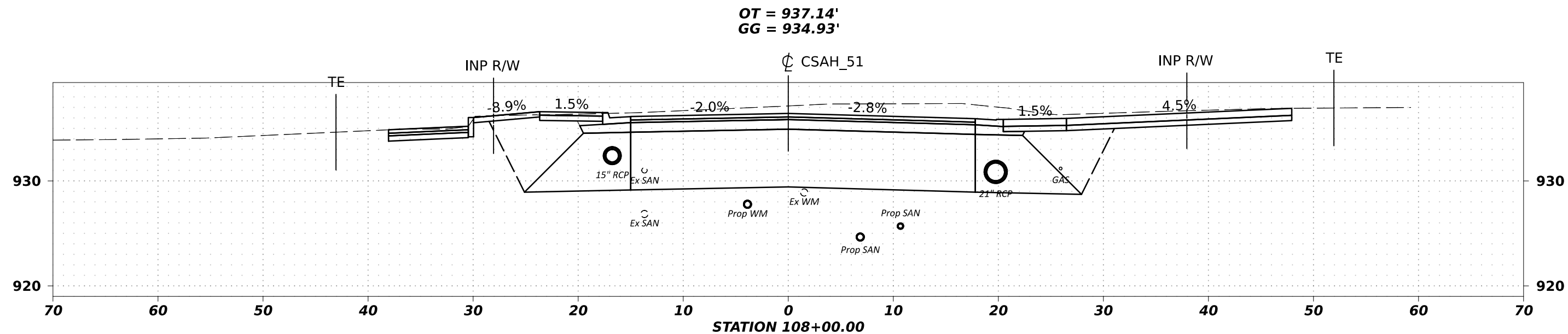
DESIGN BY: S. PARK
CAD BY: R. MANKE
CHECKED BY: A. KLEIN
LAST REVISION: / /

X-SECTIONS STATION 106+50.00 TO STATION 107+00.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS8
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

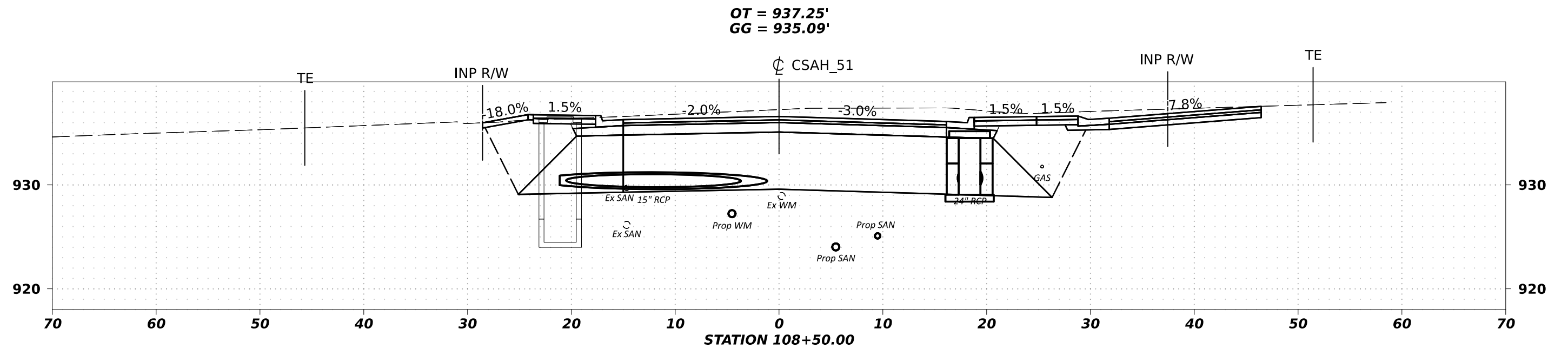
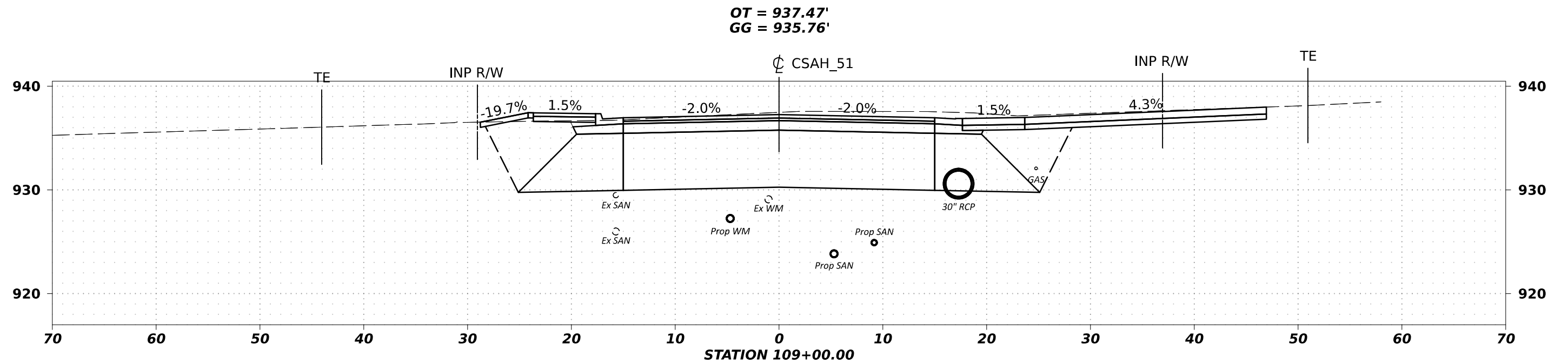
LAST REVISION: **/ /**

X-SECTIONS STATION 107+50.00 TO STATION 108+00.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS9
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: S. PARK

CAD BY: R. MANKE

CHECKED BY: A. KLEIN

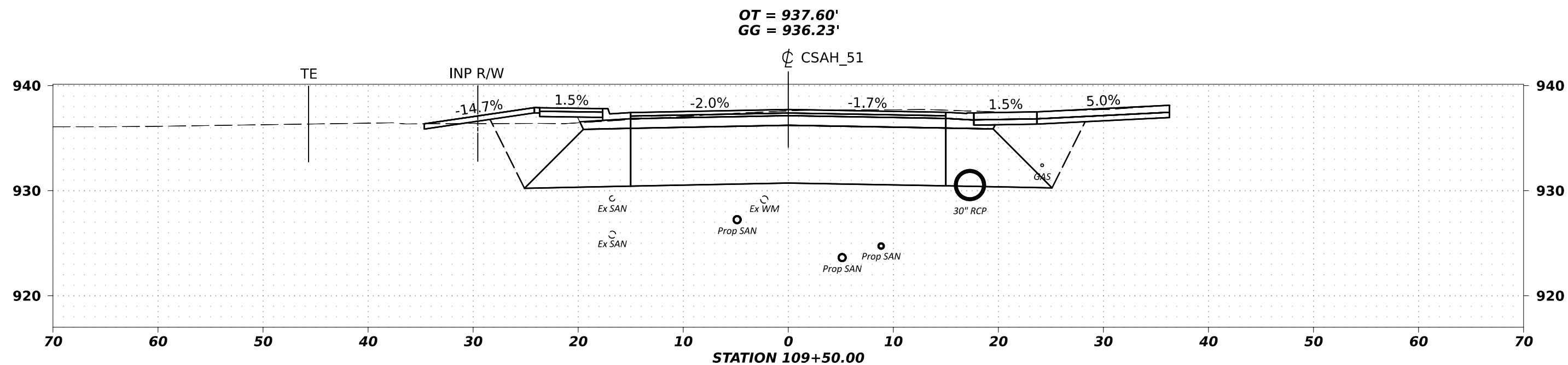
LAST REVISION: / /

X-SECTIONS STATION 108+50.00 TO STATION 109+00.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS10
XS45



SCALE H

0' 5' 10'

SCALE V

0' 5' 10'

DESIGN BY:

S. PARK

CAD BY:

R. MANKE

CHECKED BY:

A. KLEIN

LAST REVISION:

/ /

X-SECTIONS

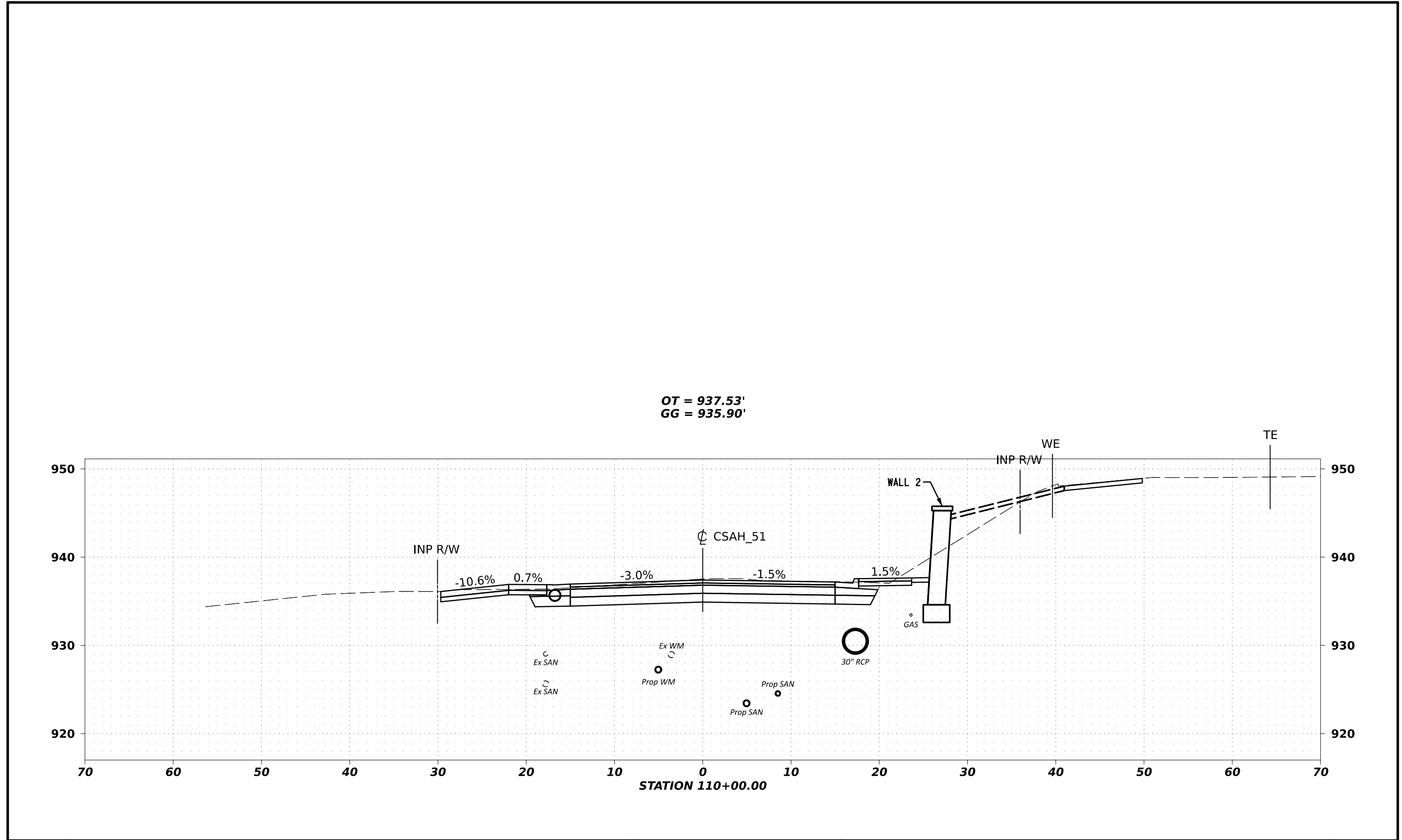
STATION 109+50.00 TO STATION 109+50.00

SHEET

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

XS11

XS45



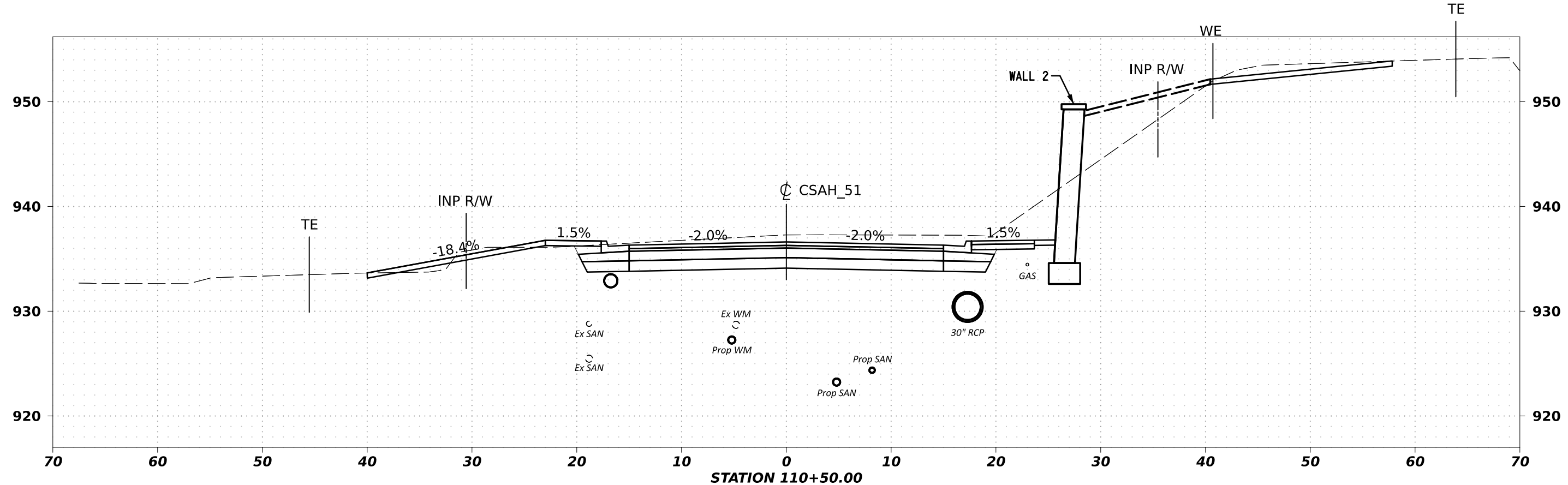
SCALE H
0' 5' 10'

SCALE V
0' 5' 10'

DESIGN BY: **S. PARK**
CAD BY: **R. MANKE**
CHECKED BY: **A. KLEIN**
LAST REVISION: **/ /**

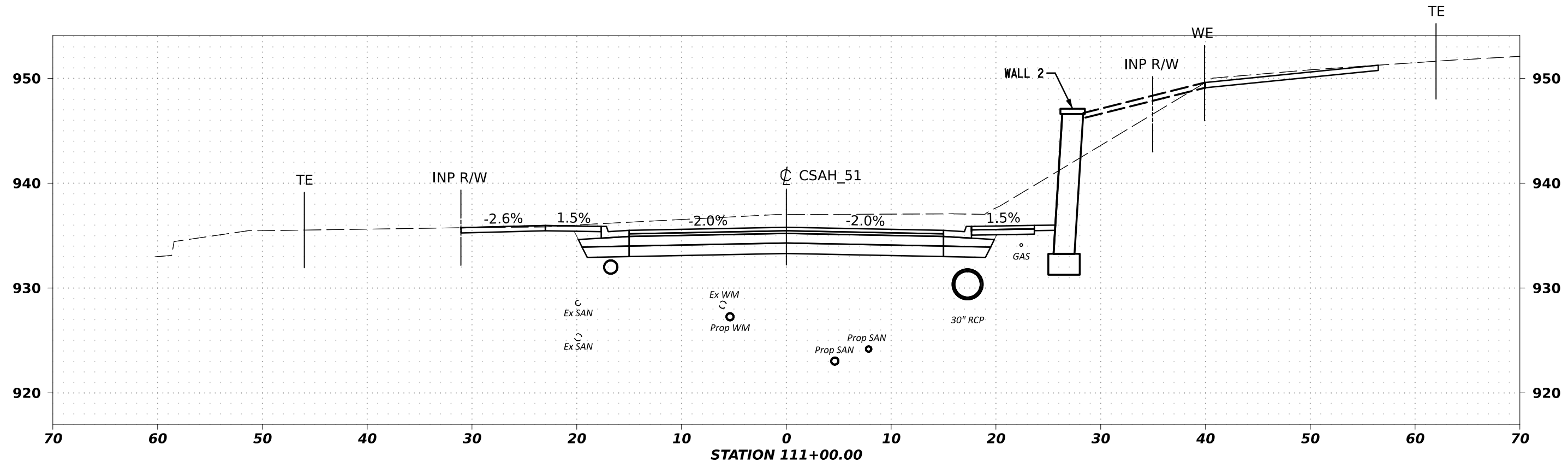
X-SECTIONS	STATION 110+00.00 TO STATION 110+00.00	SHEET
CSAH 51 / HENNEPIN COUNTY PROJECT 2182000 SAP 027-651-011, SAP 027-619-029, SAP 027-594-005		XS12 XS45

OT = 937.28'
GG = 935.12'



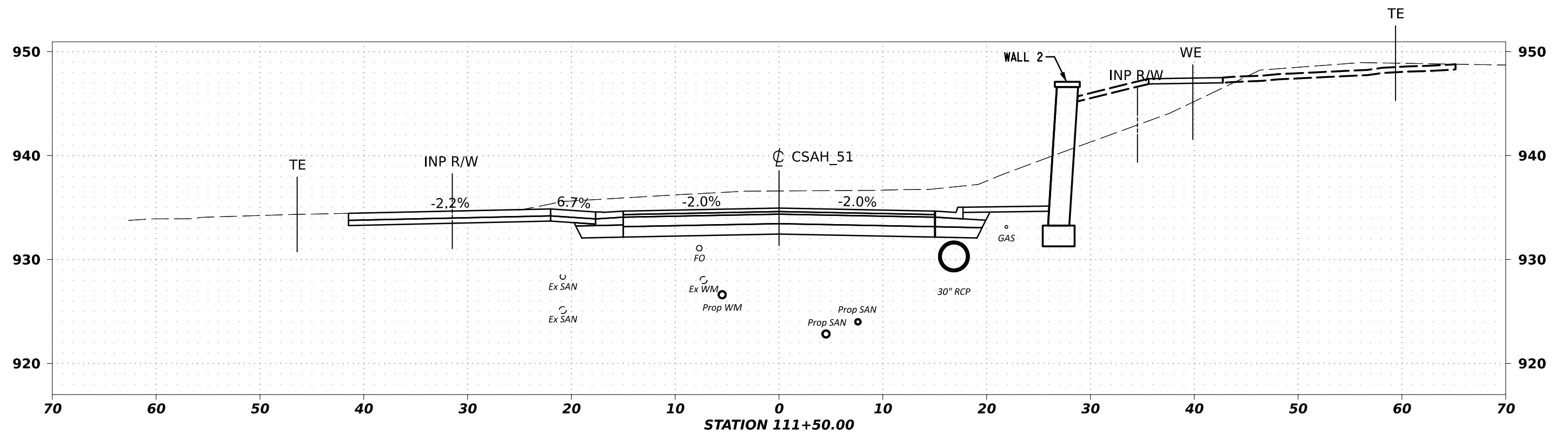
			SCALE H		DESIGN BY: <u>S. PARK</u> CAD BY: <u>R. MANKE</u> CHECKED BY: <u>A. KLEIN</u> LAST REVISION: <u> / / </u>	X-SECTIONS	STATION 110+50.00 TO STATION 110+50.00		SHEET	
			SCALE V				CSAH 51 / HENNEPIN COUNTY PROJECT 2182000 SAP 027-651-011, SAP 027-619-029, SAP 027-594-005			XS13 XS45

OT = 937.01'
GG = 934.30'



	SCALE H 0' 5' 10'	SCALE V 0' 5' 10'	DESIGN BY: S. PARK	X-SECTIONS STATION 111+00.00 TO STATION 111+00.00	SHEET
			CAD BY: R. MANKE		
			CHECKED BY: A. KLEIN	CSAH 51 / HENNEPIN COUNTY PROJECT 2182000 SAP 027-651-011, SAP 027-619-029, SAP 027-594-005	XS14 XS45
			LAST REVISION: / /		

OT = 936.59'
GG = 933.45'



SCALE H

0' 5' 10'

SCALE V

0' 5' 10'

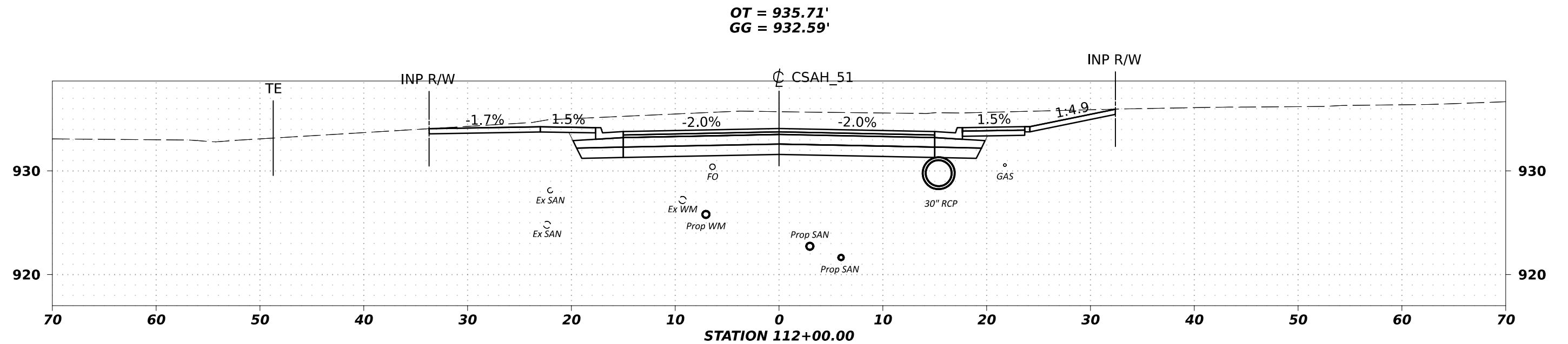
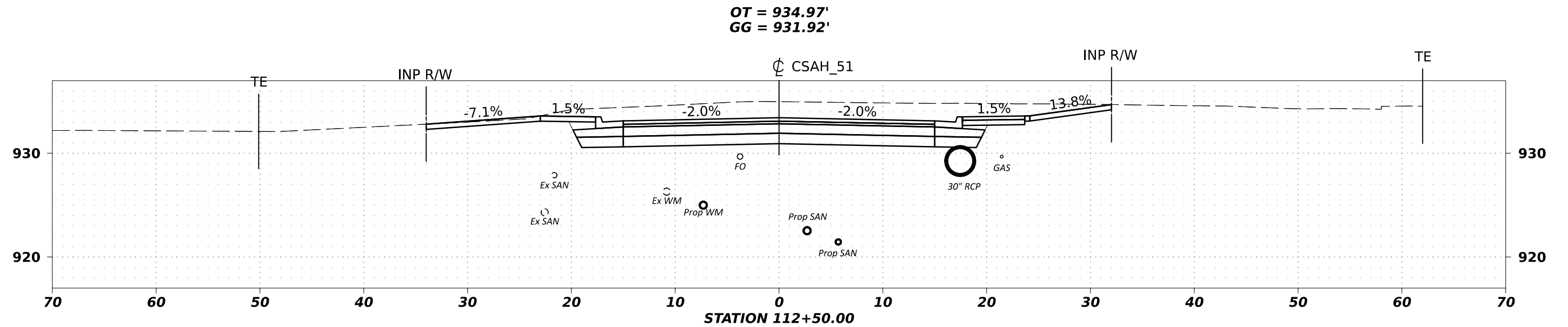
DESIGN BY:	S. PARK
CAD BY:	R. MANKE
CHECKED BY:	A. KLEIN
LAST REVISION:	/ /

X-SECTIONS	STATION 111+50.00 TO STATION 111+50.00
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CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

S15
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

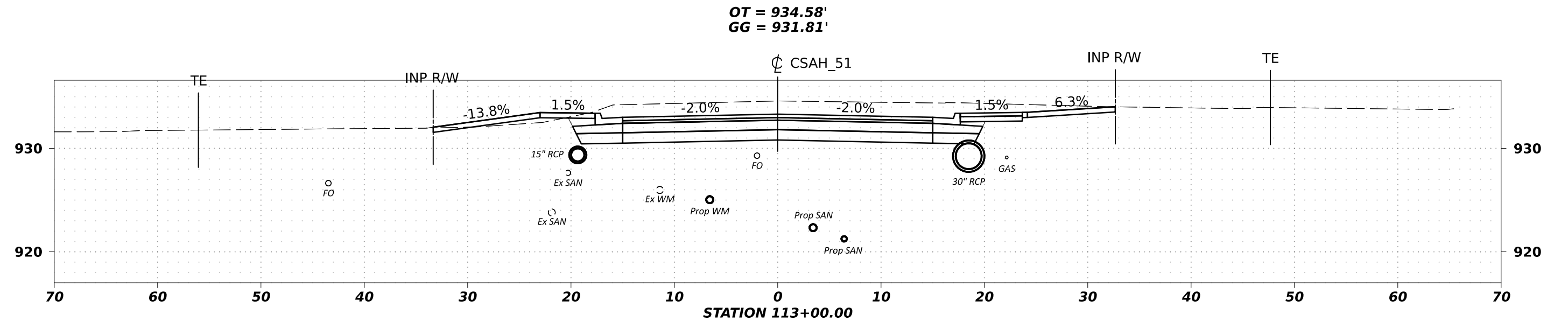
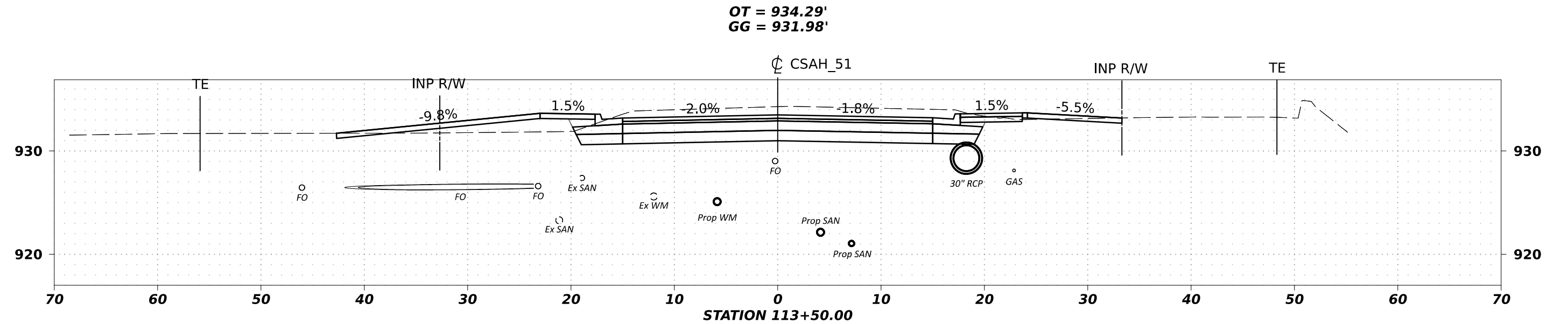
LAST REVISION: **/ /**

X-SECTIONS STATION 112+00.00 TO STATION 112+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS16
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

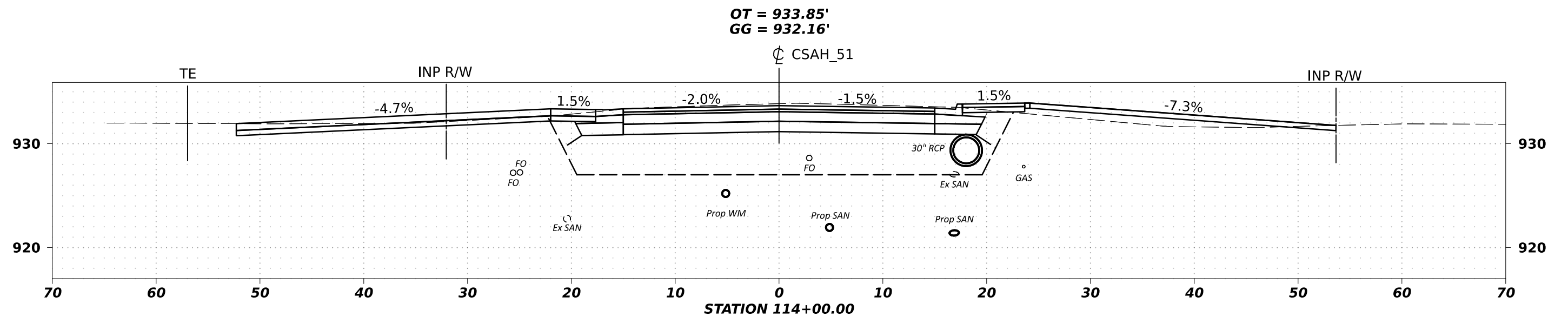
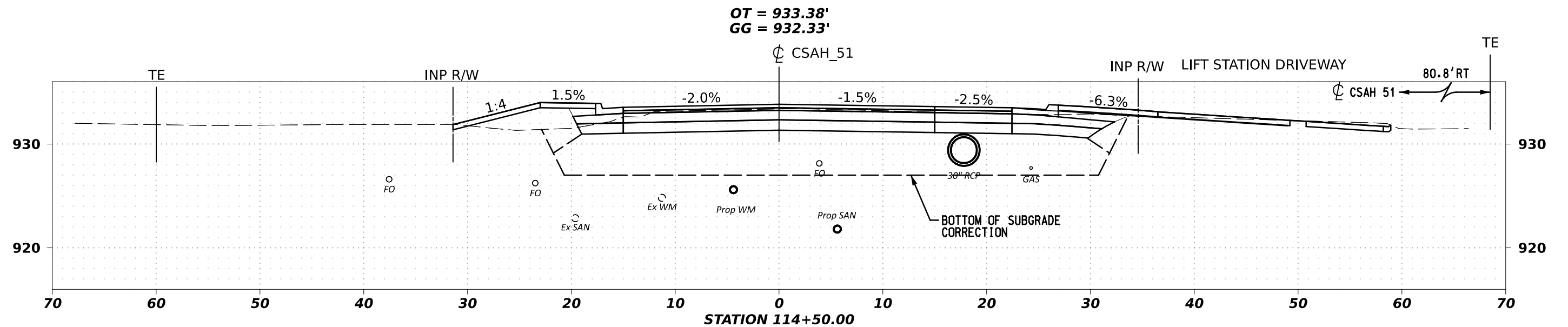
LAST REVISION: **/ /**

X-SECTIONS STATION 113+00.00 TO STATION 113+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS17
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: S. PARK

CAD BY: R. MANKE

CHECKED BY: A. KLEIN

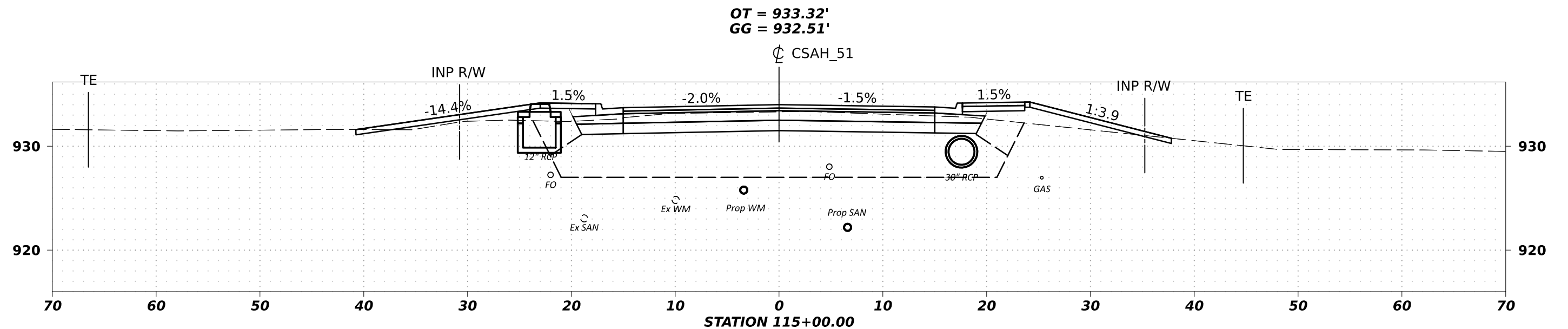
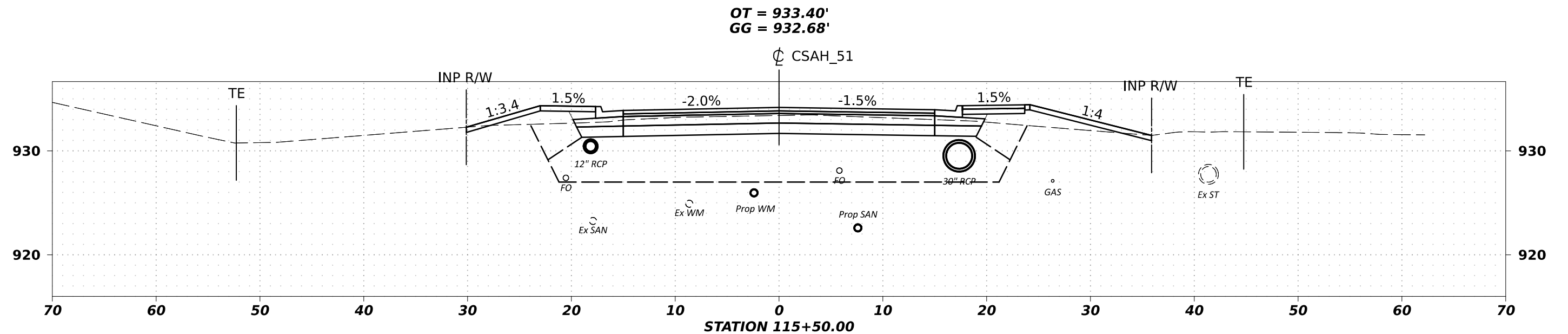
LAST REVISION: / /

X-SECTIONS STATION 114+00.00 TO STATION 114+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS18
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

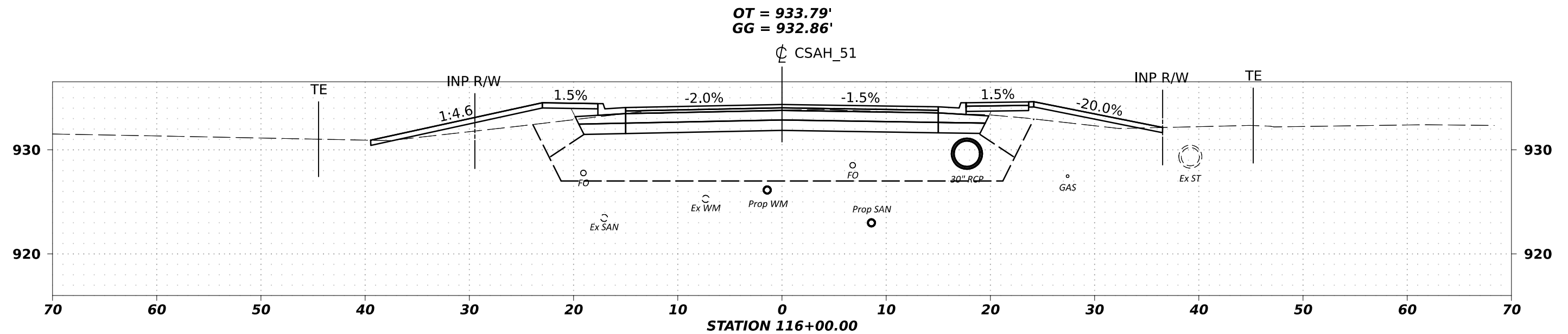
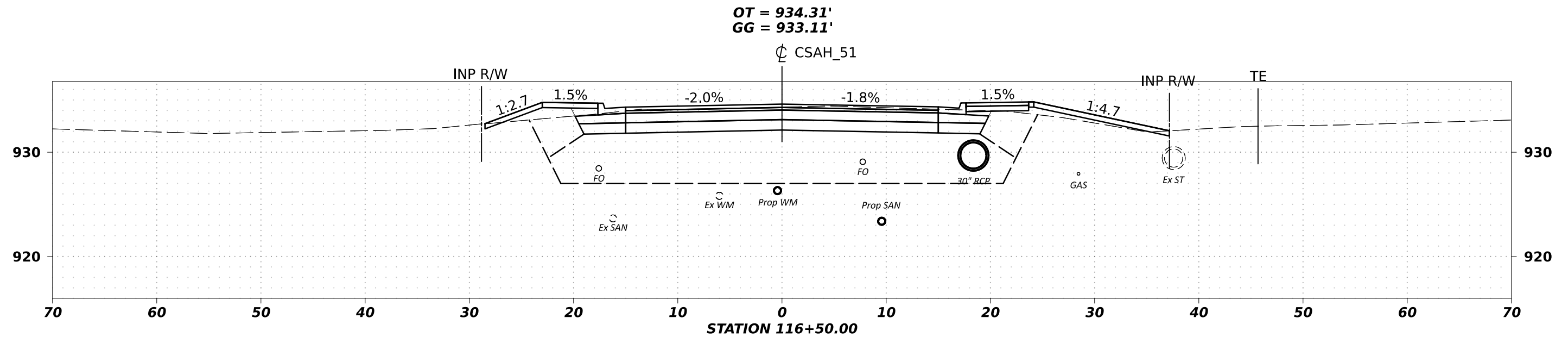
LAST REVISION: **/ /**

X-SECTIONS STATION 115+00.00 TO STATION 115+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS19
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

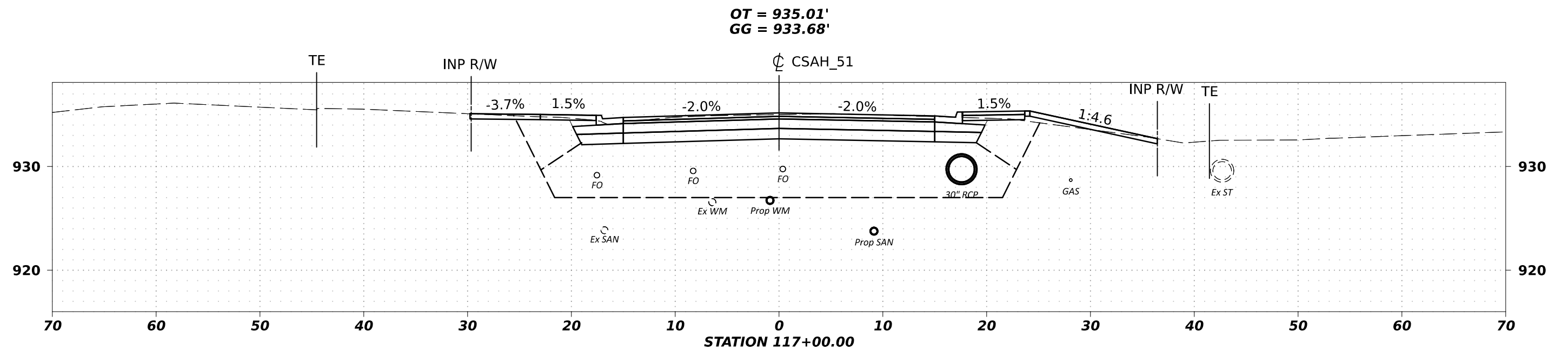
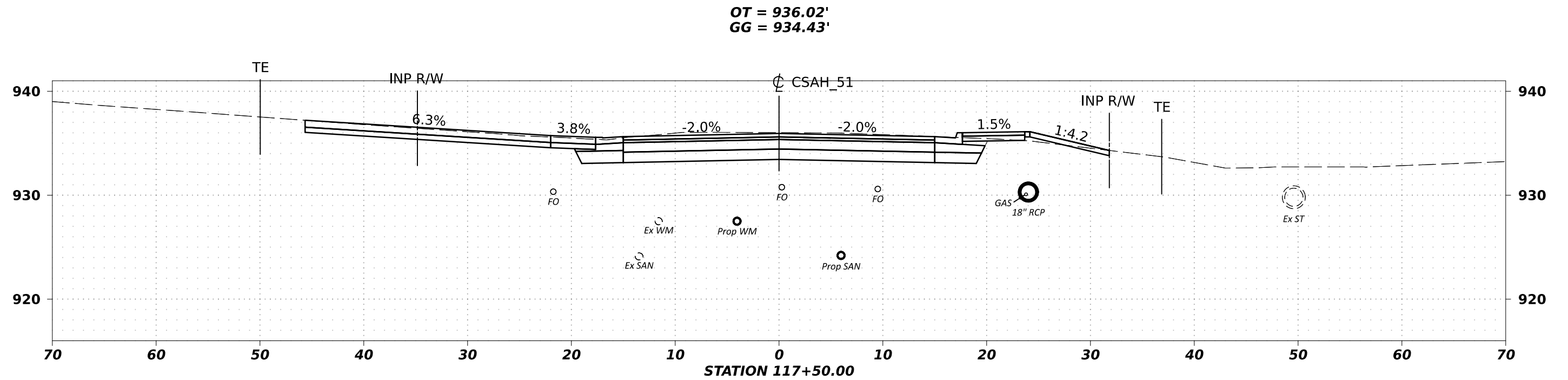
LAST REVISION: / / /

X-SECTIONS STATION 116+00.00 TO STATION 116+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS20
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

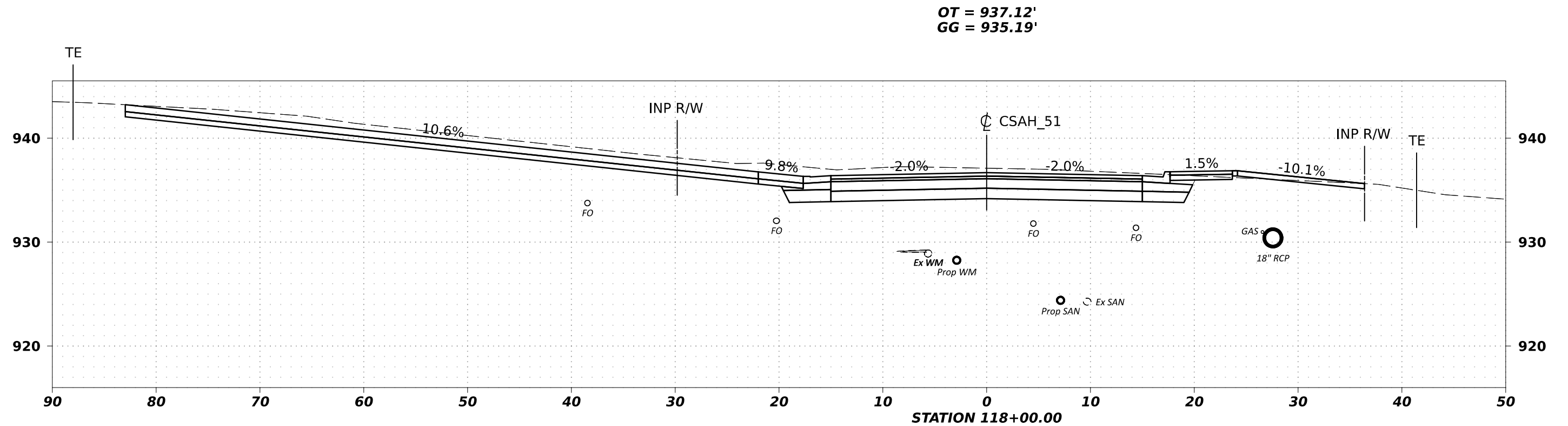
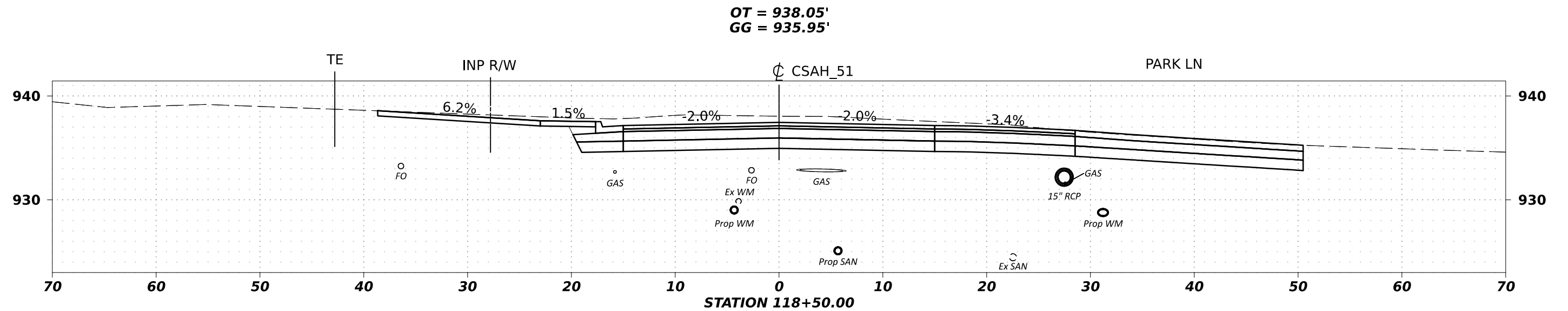
LAST REVISION: **/ /**

X-SECTIONS STATION 117+00.00 TO STATION 117+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS21
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

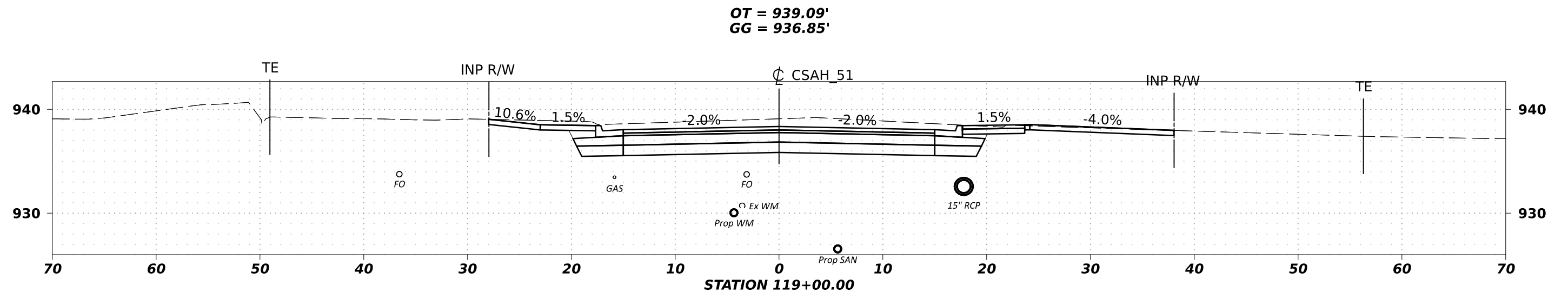
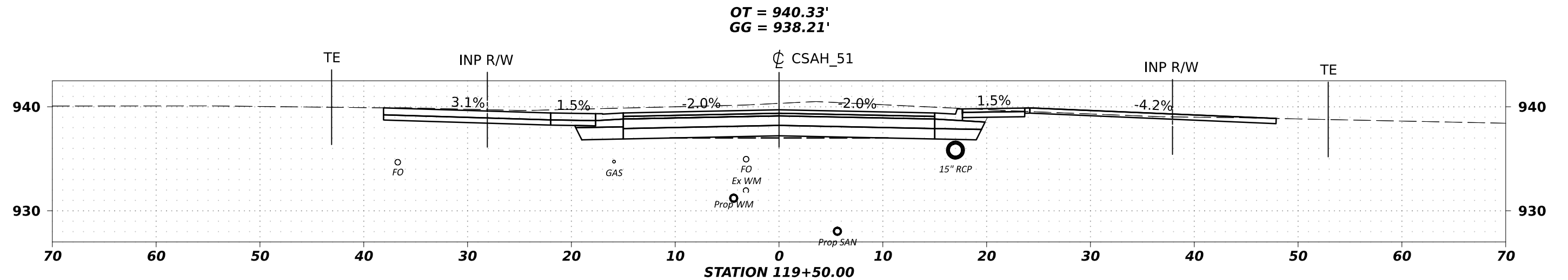
LAST REVISION: **/ /**

X-SECTIONS STATION 118+00.00 TO STATION 118+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS22
XS45



SCALE H
0' 5' 10'

SCALE V
0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

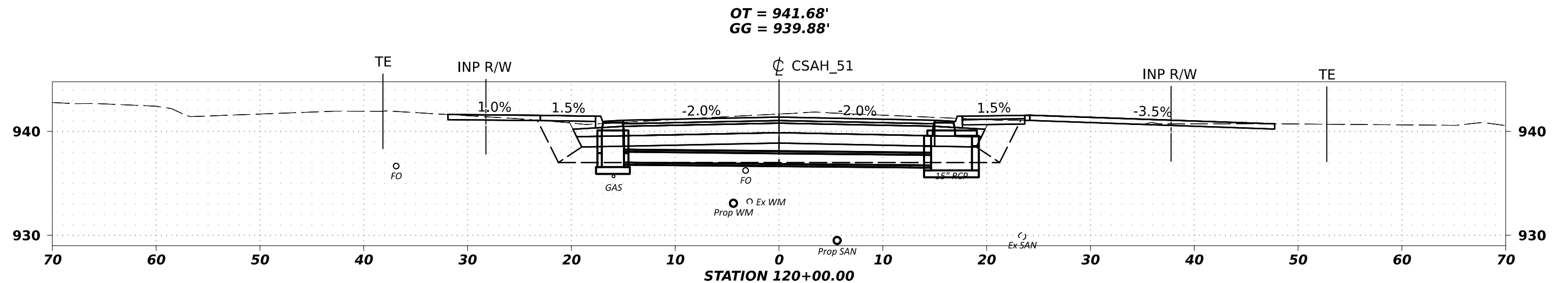
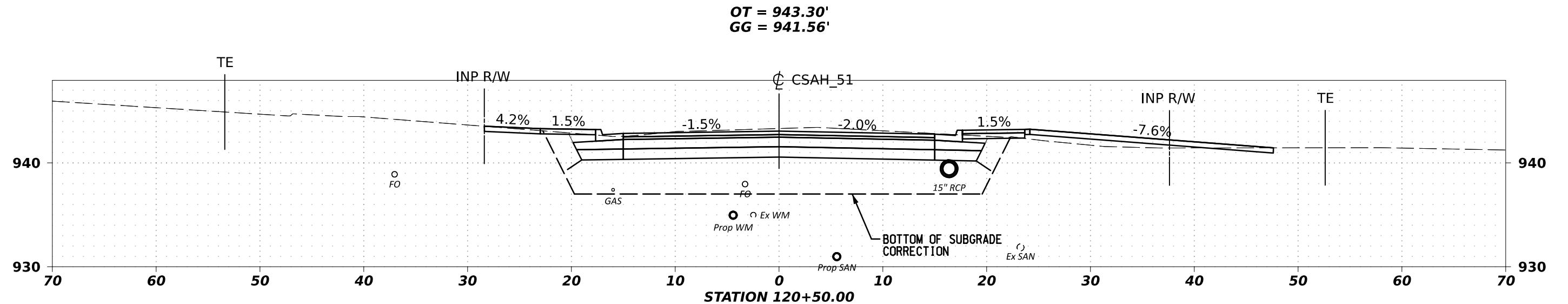
LAST REVISION: **/ /**

X-SECTIONS STATION 119+00.00 TO STATION 119+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS23
XS45



SCALE H
0' 5' 10'

SCALE V
0' 5' 10'

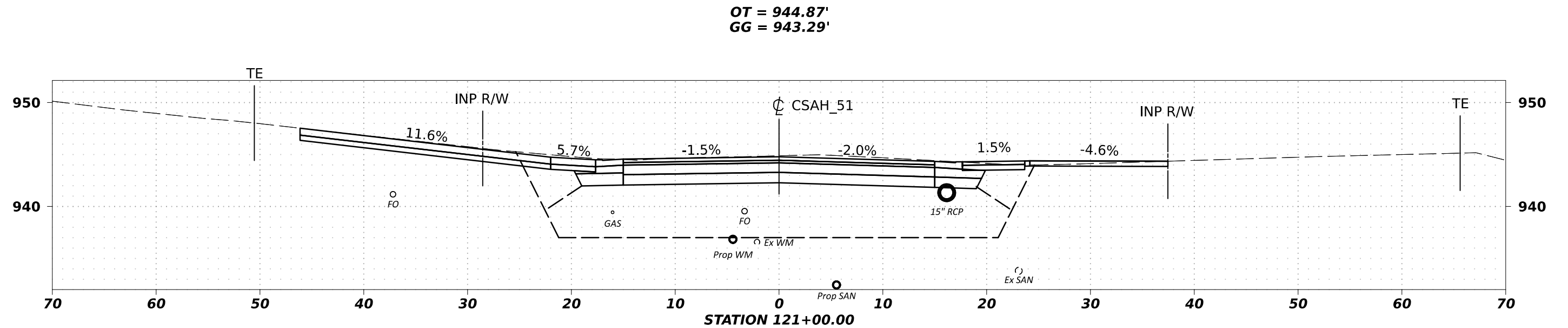
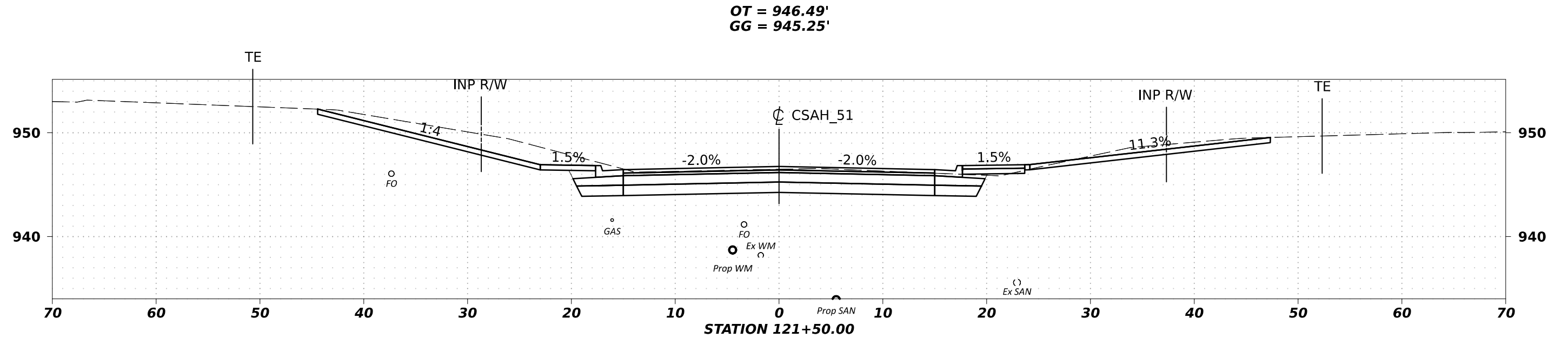
DESIGN BY: **S. PARK**
CAD BY: **R. MANKE**
CHECKED BY: **A. KLEIN**
LAST REVISION: **/ /**

X-SECTIONS STATION 120+00.00 TO STATION 120+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS24
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

LAST REVISION: **/ /**

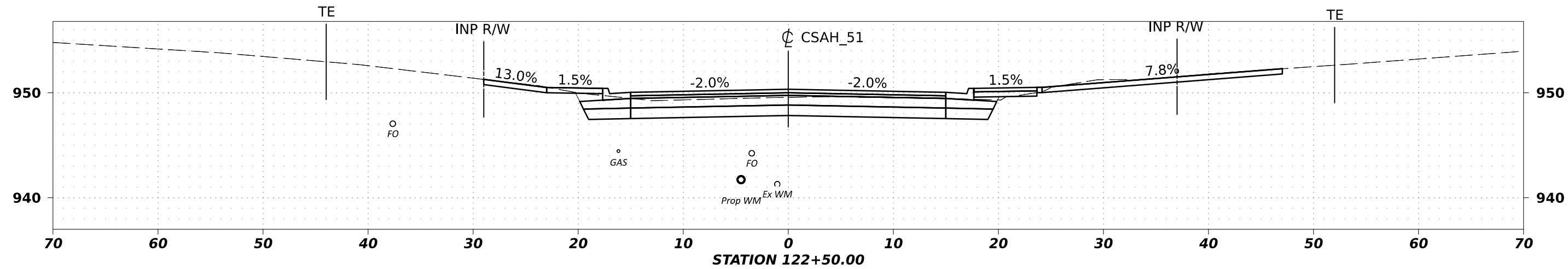
X-SECTIONS STATION 121+00.00 TO STATION 121+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

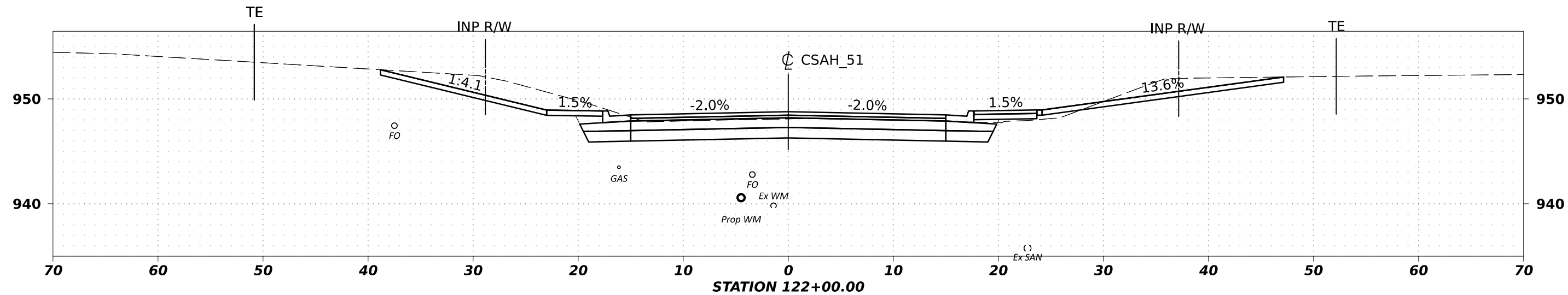
SHEET

XS25
XS45

OT = 949.56'
GG = 948.84'



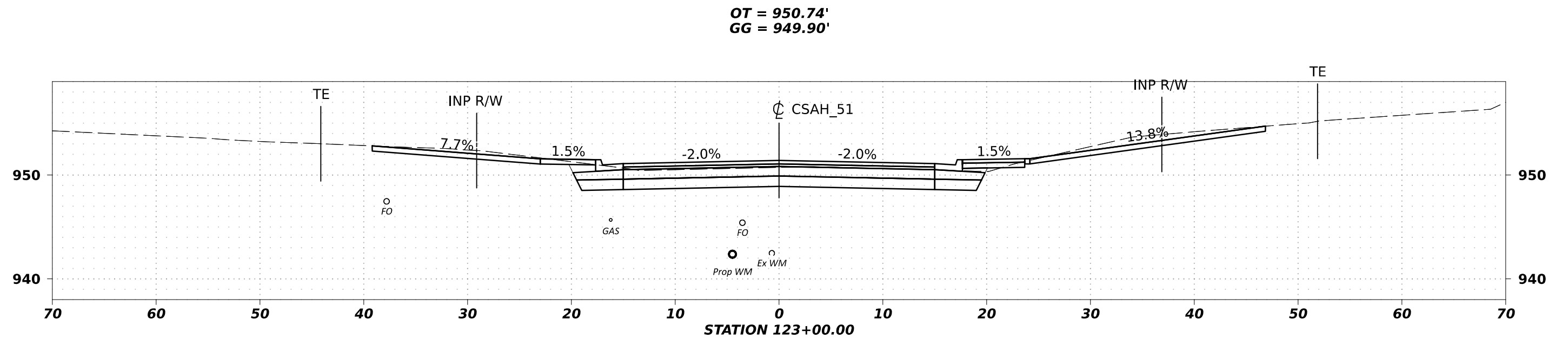
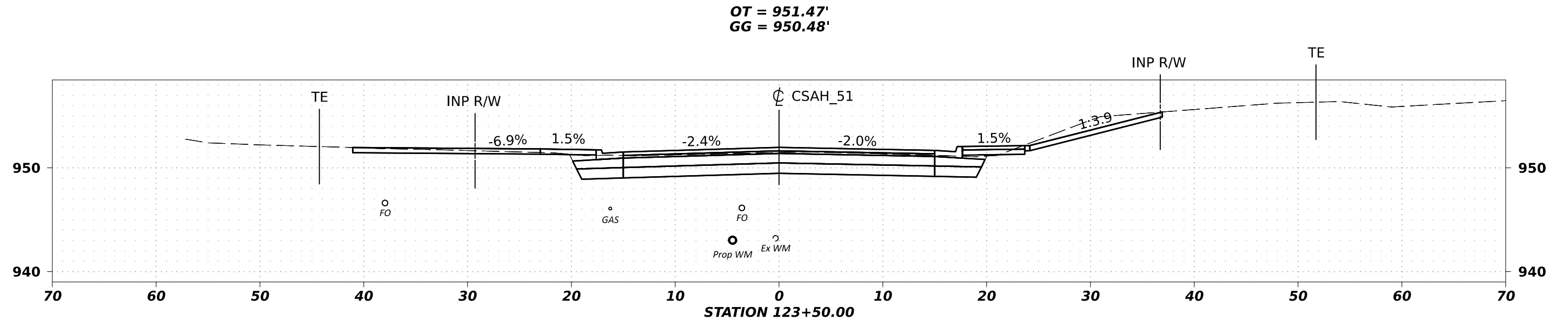
OT = 948.10'
GG = 947.28'



SCALE H 0' 5' 10'
SCALE V 0' 5' 10'

DESIGN BY: S. PARK
CAD BY: R. MANKE
CHECKED BY: A. KLEIN
LAST REVISION: / /

X-SECTIONS	STATION 122+00.00 TO STATION 122+50.00	SHEET
CSAH 51 / HENNEPIN COUNTY PROJECT 2182000 SAP 027-651-011, SAP 027-619-029, SAP 027-594-005		XS26 XS45



SCALE H
0' 5' 10'

SCALE V
0' 5' 10'

DESIGN BY: **S. PARK**
CAD BY: **R. MANKE**
CHECKED BY: **A. KLEIN**
LAST REVISION: **/ /**

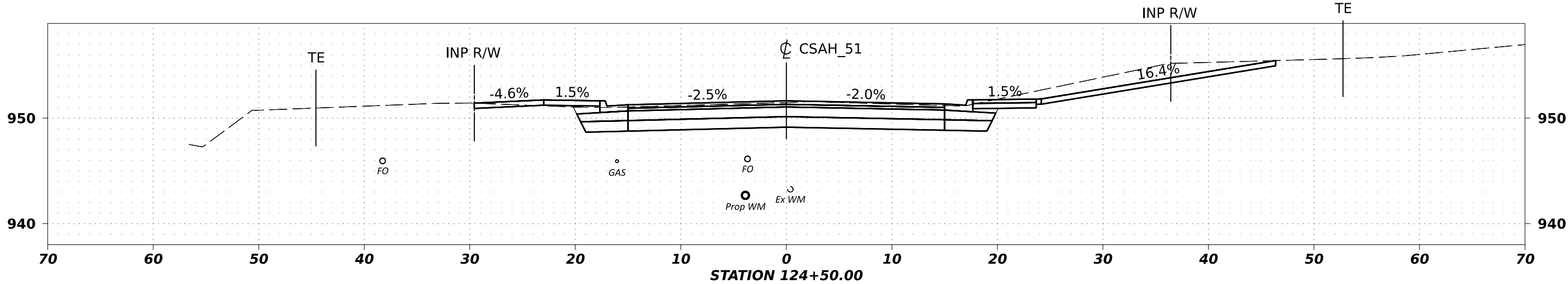
X-SECTIONS STATION 123+00.00 TO STATION 123+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

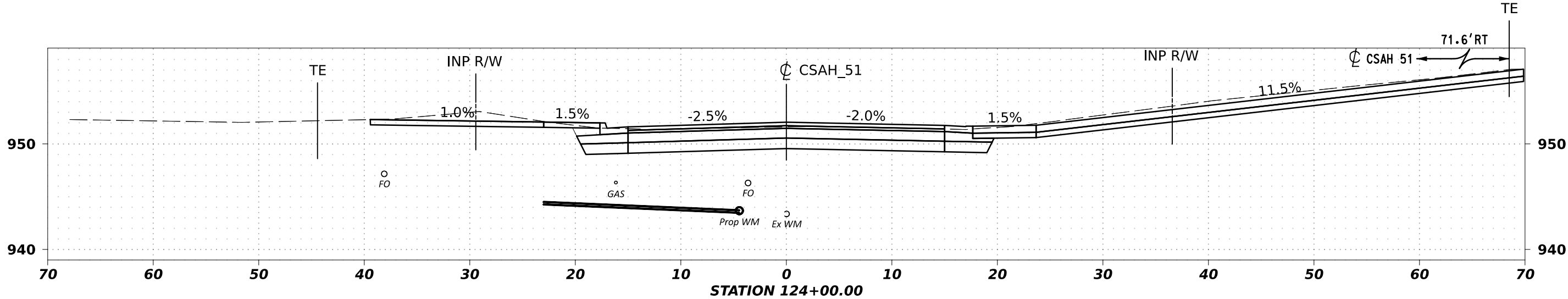
SHEET

XS27
XS45

OT = 951.49'
GG = 950.14'



OT = 951.62'
GG = 950.56'



SCALE H
0' 5' 10'
SCALE V
0' 5' 10'

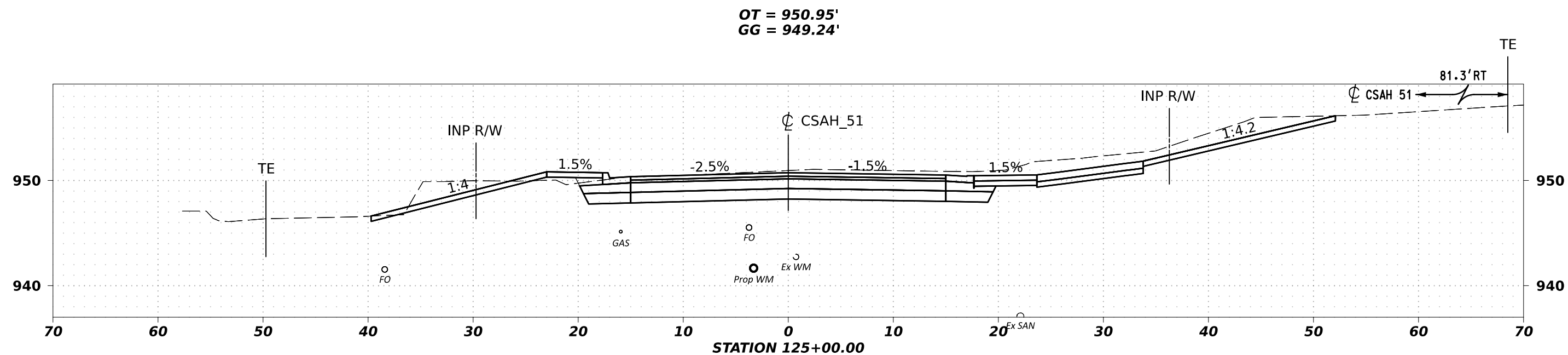
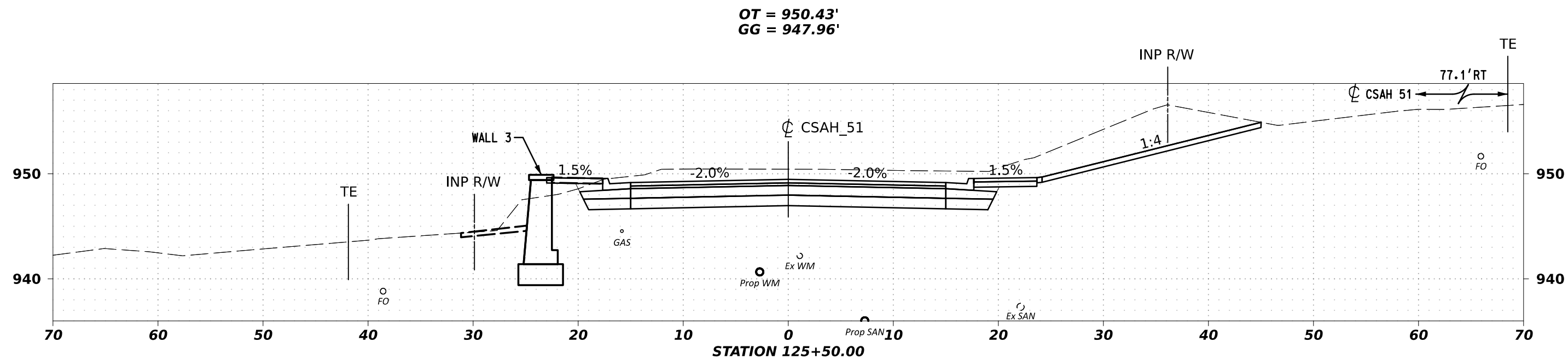
DESIGN BY: S. PARK
CAD BY: R. MANKE
CHECKED BY: A. KLEIN
LAST REVISION: / /

X-SECTIONS STATION 124+00.00 TO STATION 124+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS28
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

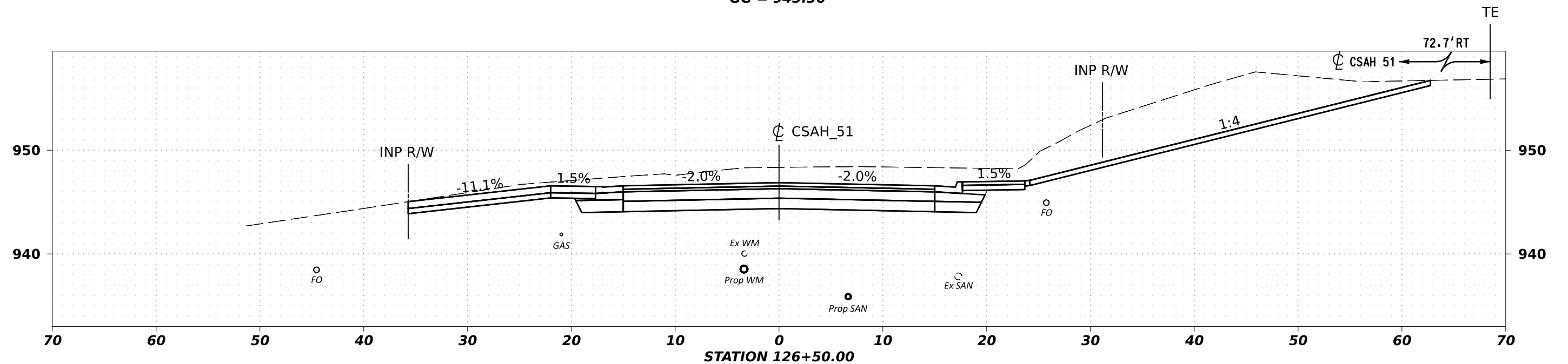
CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

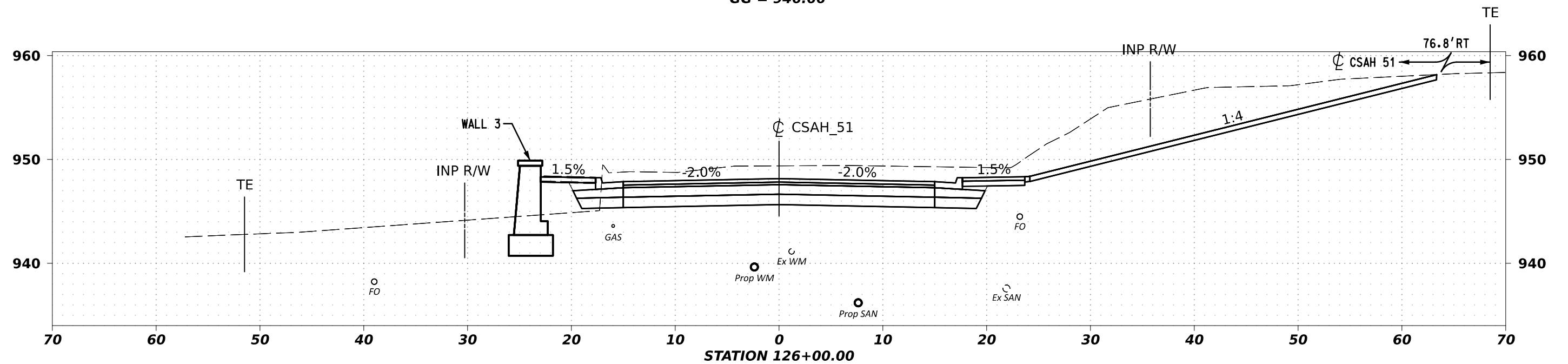
LAST REVISION: **/ /**

X-SECTIONS	STATION 125+00.00 TO STATION 125+50.00	SHEET
CSAH 51 / HENNEPIN COUNTY PROJECT 2182000 SAP 027-651-011, SAP 027-619-029, SAP 027-594-005		XS29 XS45

OT = 948.34'
GG = 945.36'



OT = 949.38'
GG = 946.66'



SCALE H 0' 5' 10'
SCALE V 0' 5' 10'

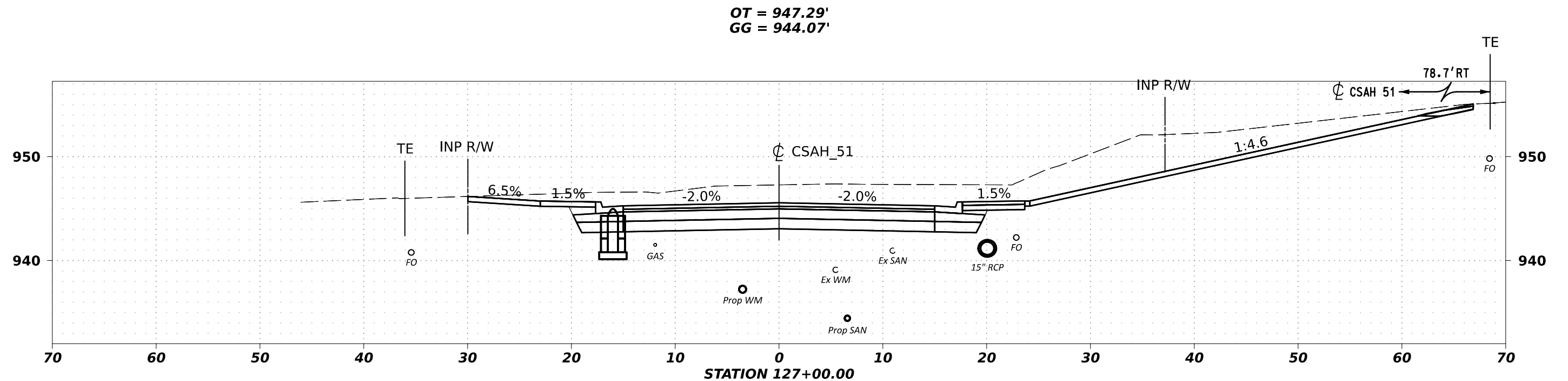
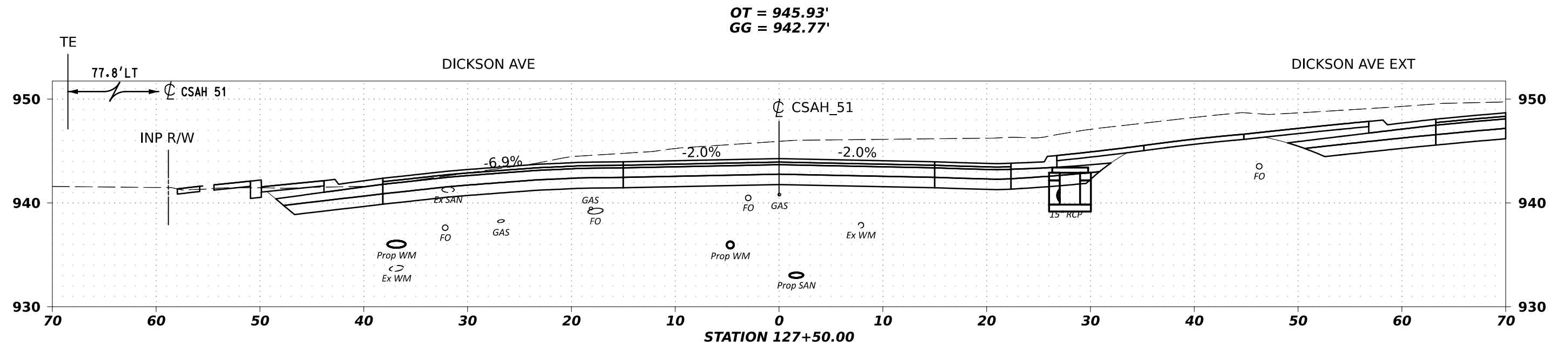
DESIGN BY: S. PARK
CAD BY: R. MANKE
CHECKED BY: A. KLEIN
LAST REVISION: / /

X-SECTIONS STATION 126+00.00 TO STATION 126+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS30
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

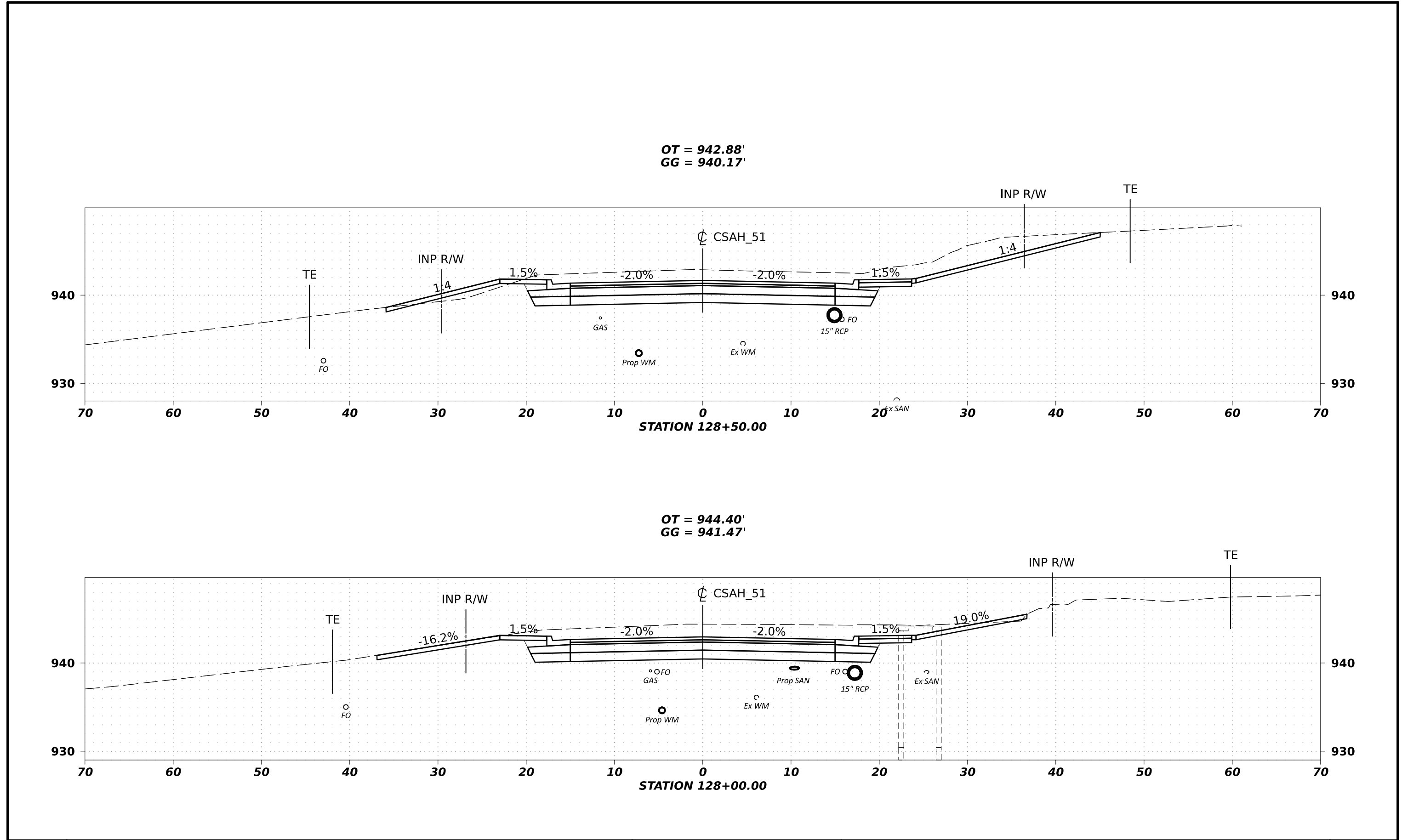
LAST REVISION: **/ /**

X-SECTIONS STATION 127+00.00 TO STATION 127+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS31
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: S. PARK
CAD BY: R. MANKE
CHECKED BY: A. KLEIN
LAST REVISION: / /

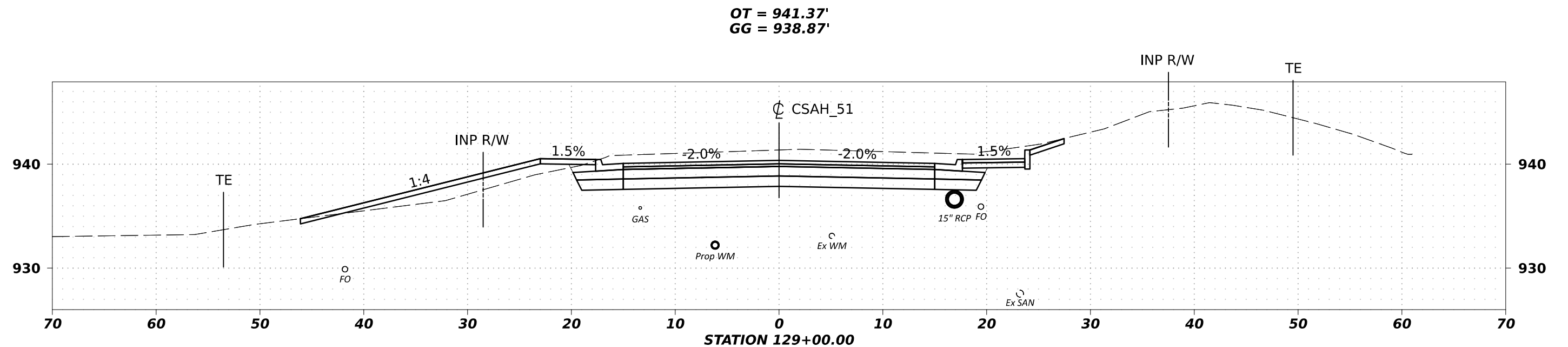
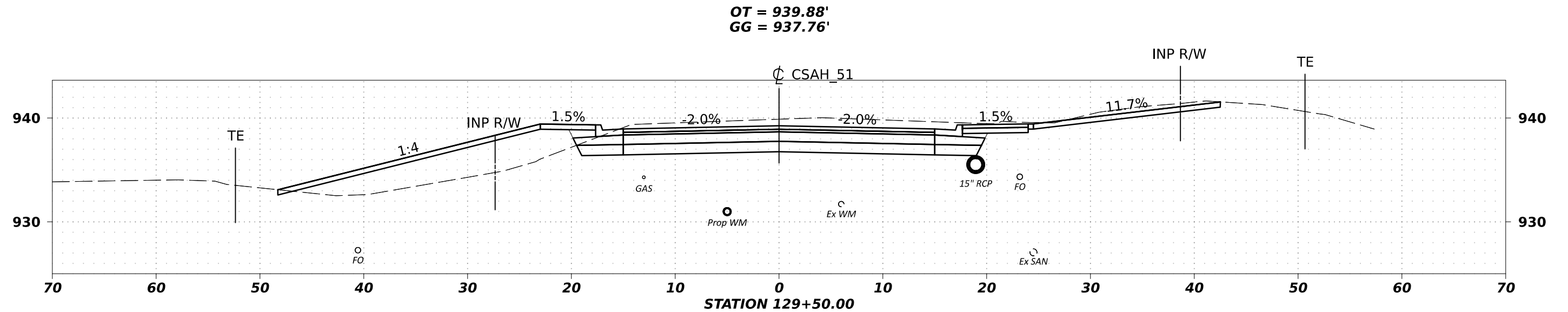
X-SECTIONS STATION 128+00.00 TO STATION 128+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS32

XS45



SCALE H
0' 5' 10'

SCALE V
0' 5' 10'

DESIGN BY: **S. PARK**
CAD BY: **R. MANKE**
CHECKED BY: **A. KLEIN**
LAST REVISION: **/ /**

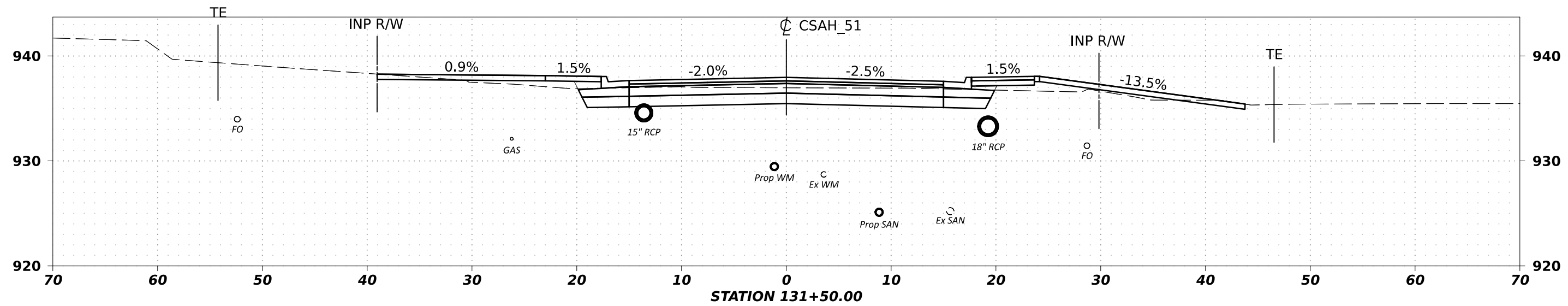
X-SECTIONS STATION 129+00.00 TO STATION 129+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

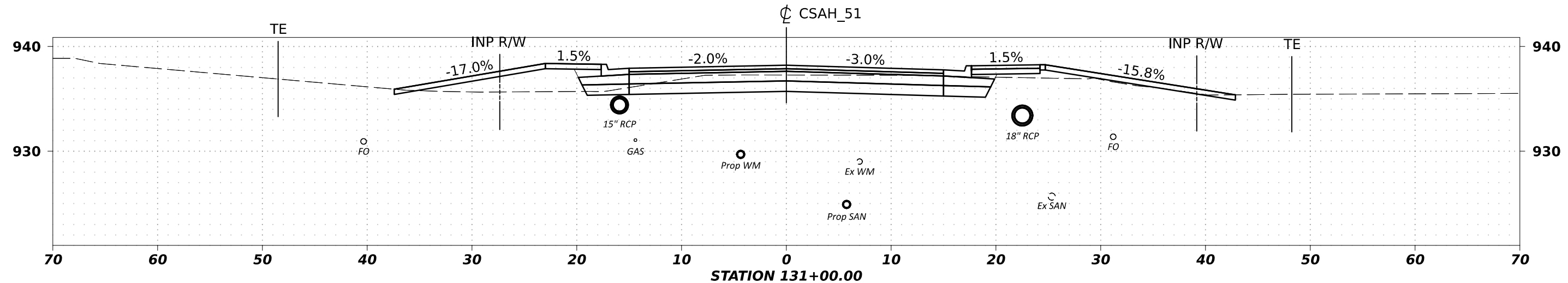
SHEET

XS33
XS45

OT = 936.97'
GG = 936.47'



OT = 937.27'
GG = 936.72'

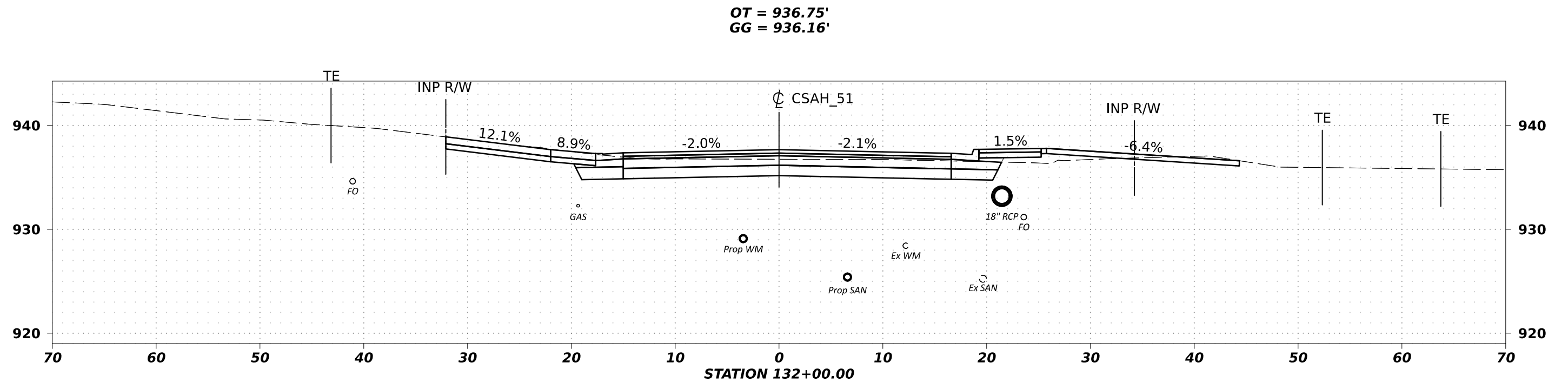
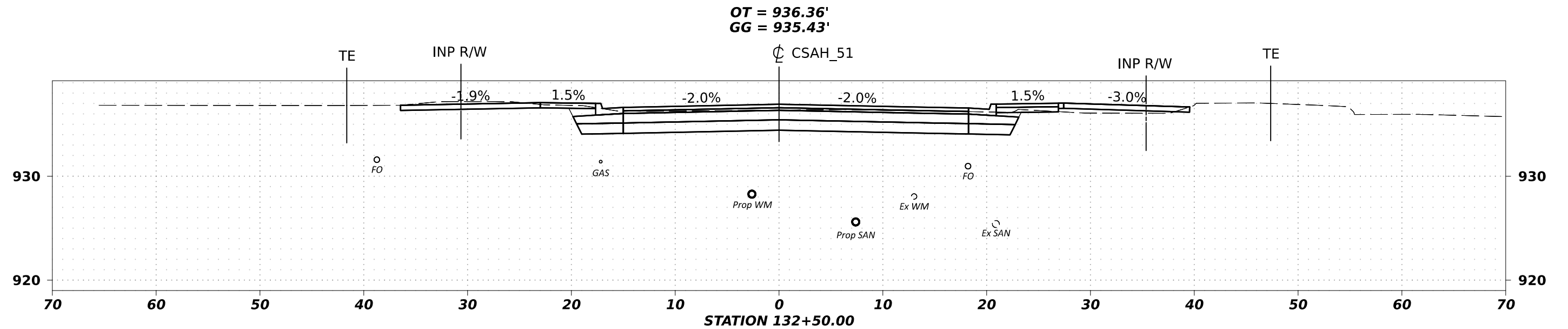


SCALE H 0' 5' 10'
SCALE V 0' 5' 10'

DESIGN BY: S. PARK
CAD BY: R. MANKE
CHECKED BY: A. KLEIN
LAST REVISION: / /

X-SECTIONS STATION 131+00.00 TO STATION 131+50.00
CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET
XS35
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

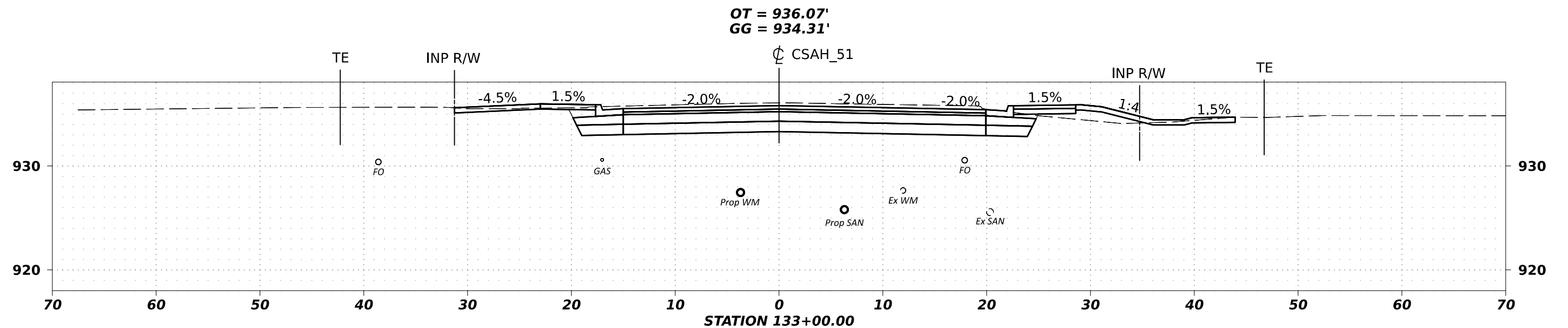
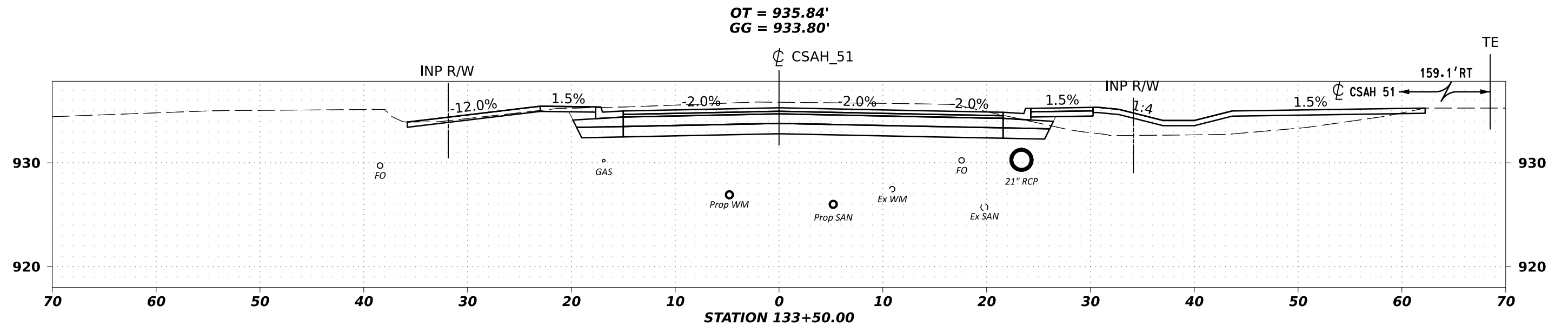
LAST REVISION: **/ /**

X-SECTIONS STATION 132+00.00 TO STATION 132+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS36
XS45



SCALE H
0' 5' 10'

SCALE V
0' 5' 10'

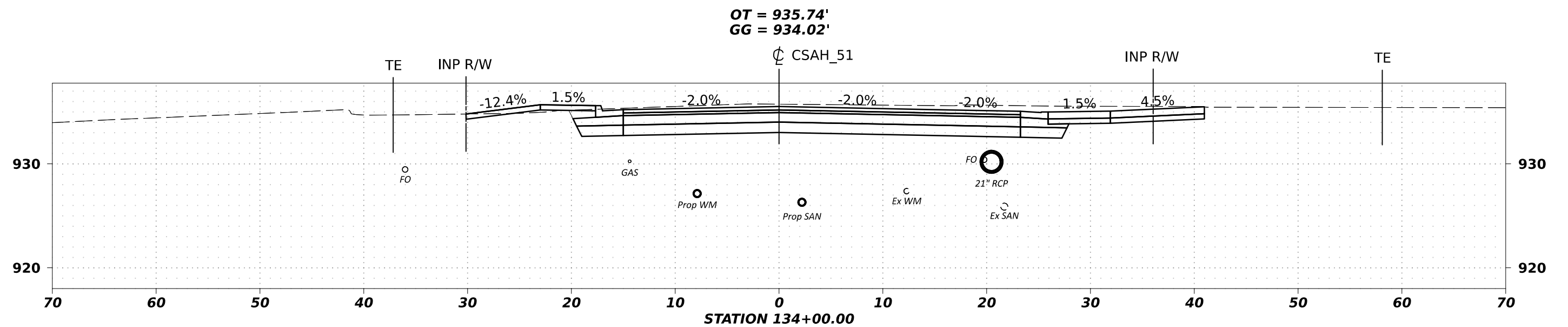
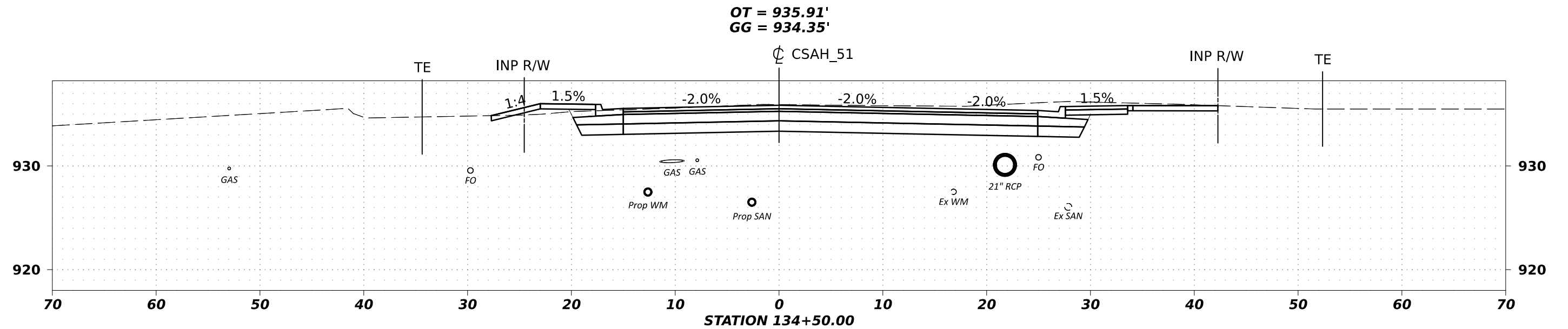
DESIGN BY: **S. PARK**
CAD BY: **R. MANKE**
CHECKED BY: **A. KLEIN**
LAST REVISION: **/ /**

X-SECTIONS STATION 133+00.00 TO STATION 133+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS37
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

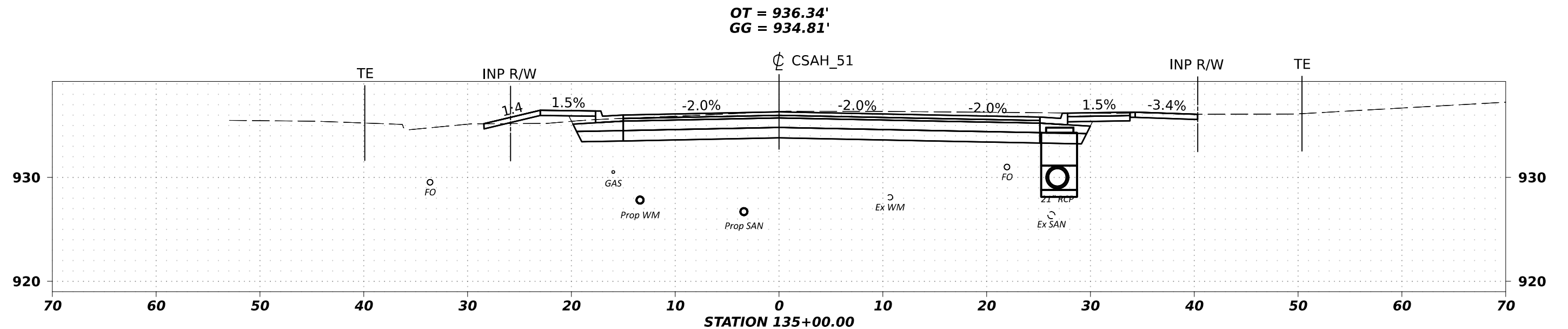
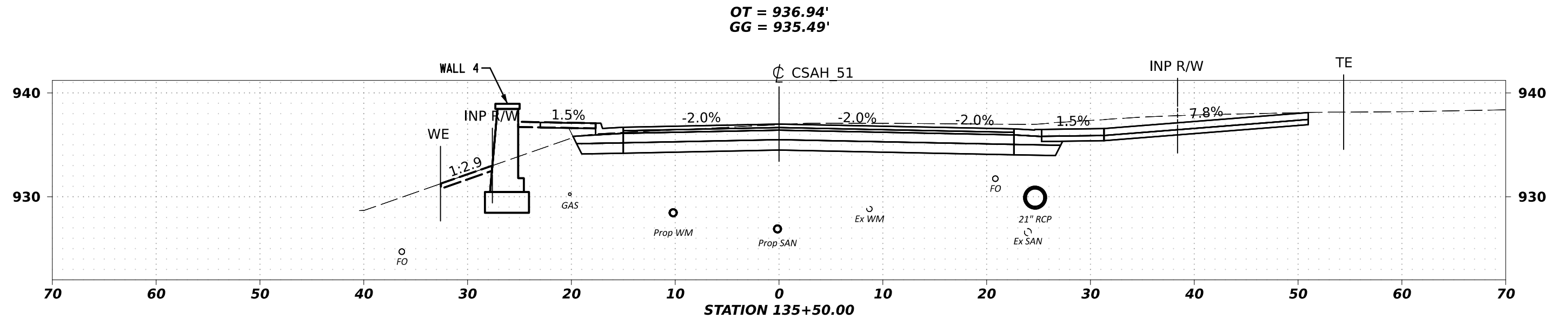
LAST REVISION: **/ /**

X-SECTIONS STATION 134+00.00 TO STATION 134+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS38
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: S. PARK

CAD BY: R. MANKE

CHECKED BY: A. KLEIN

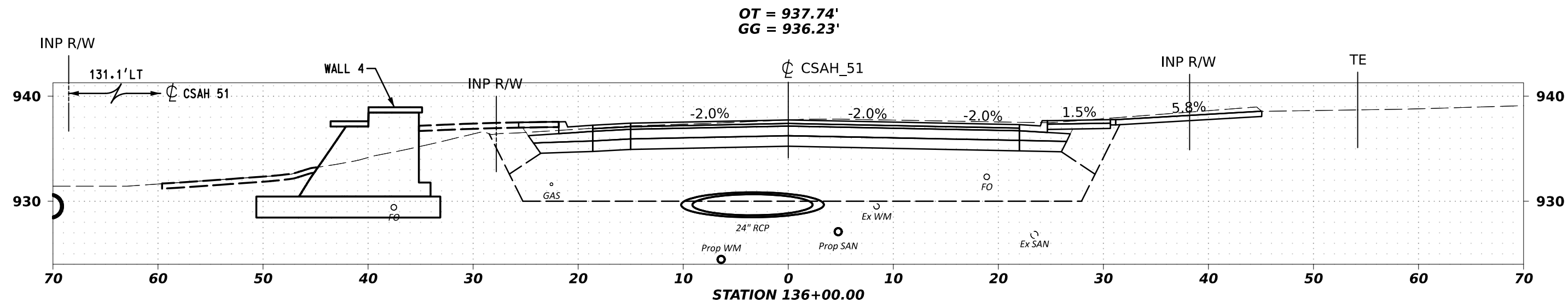
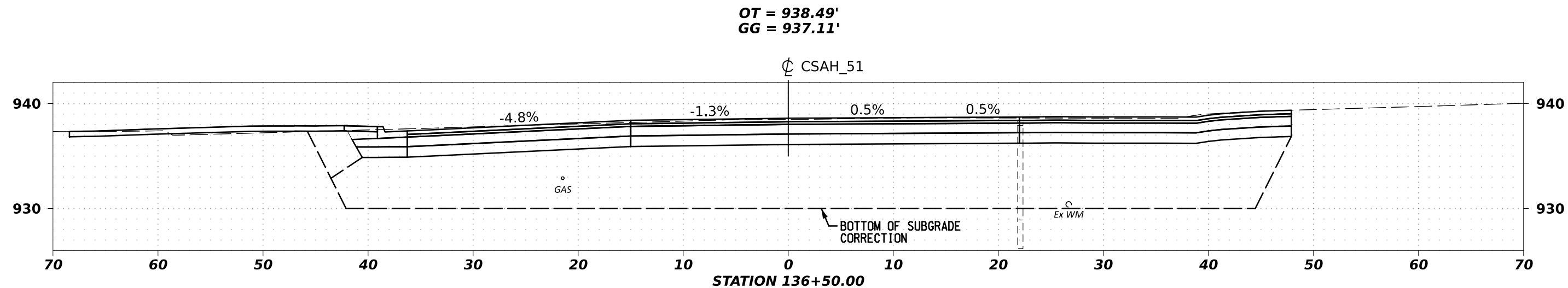
LAST REVISION: / /

X-SECTIONS STATION 135+00.00 TO STATION 135+50.00

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS39
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

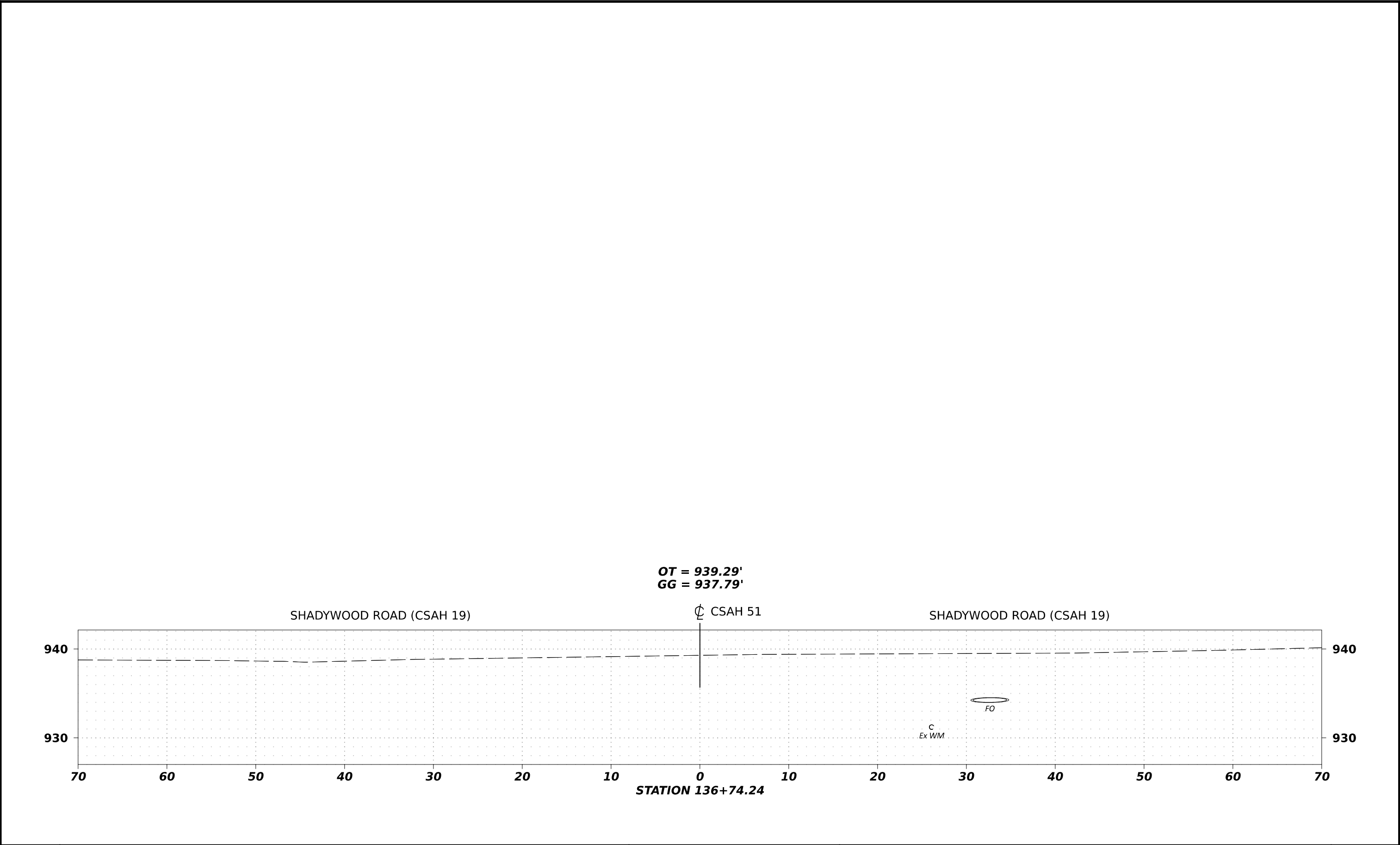
LAST REVISION: **/ /**

X-SECTIONS STATION 136+00.00 TO STATION 136+50.00

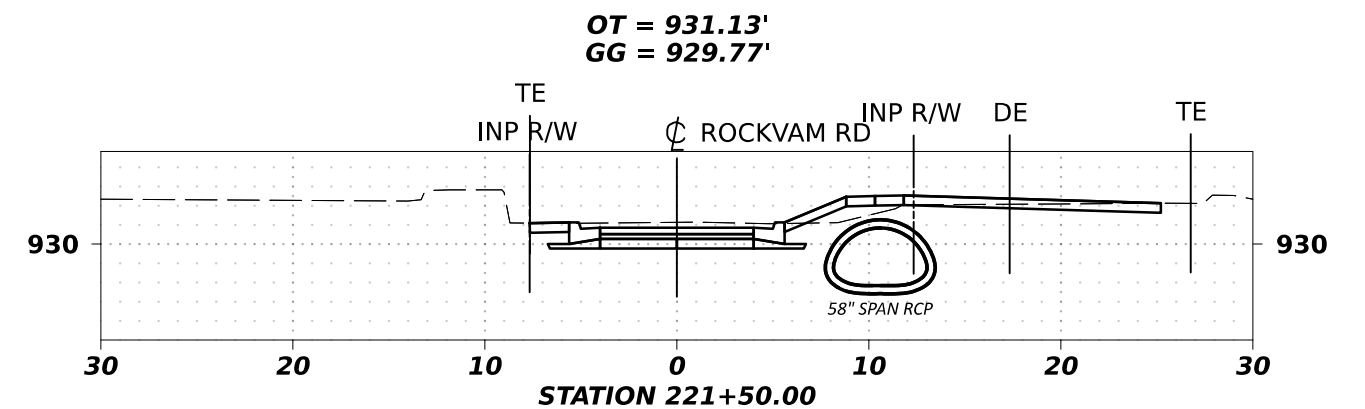
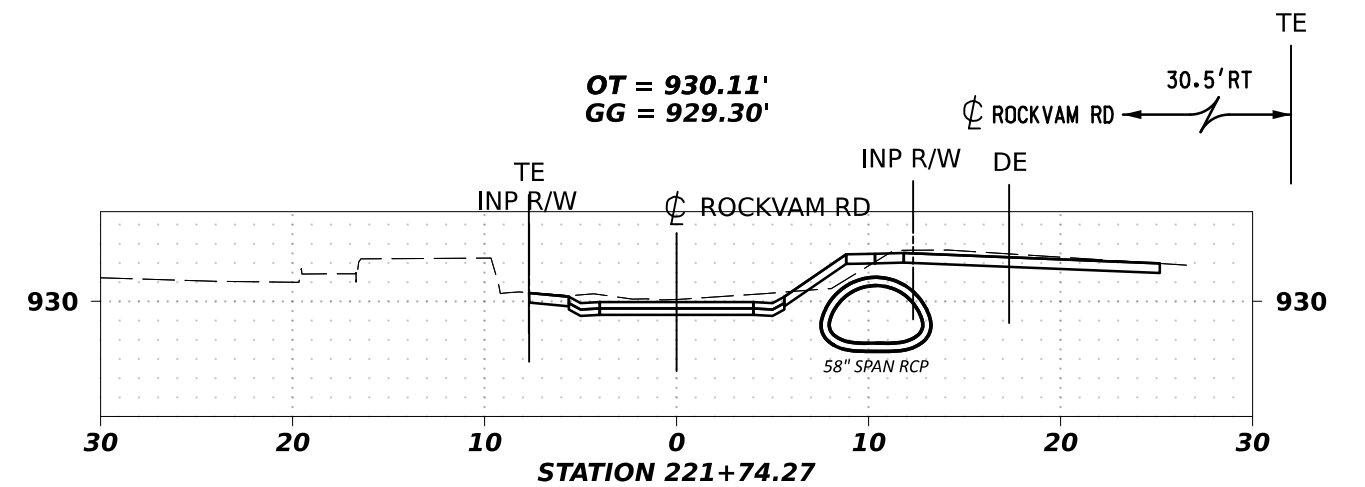
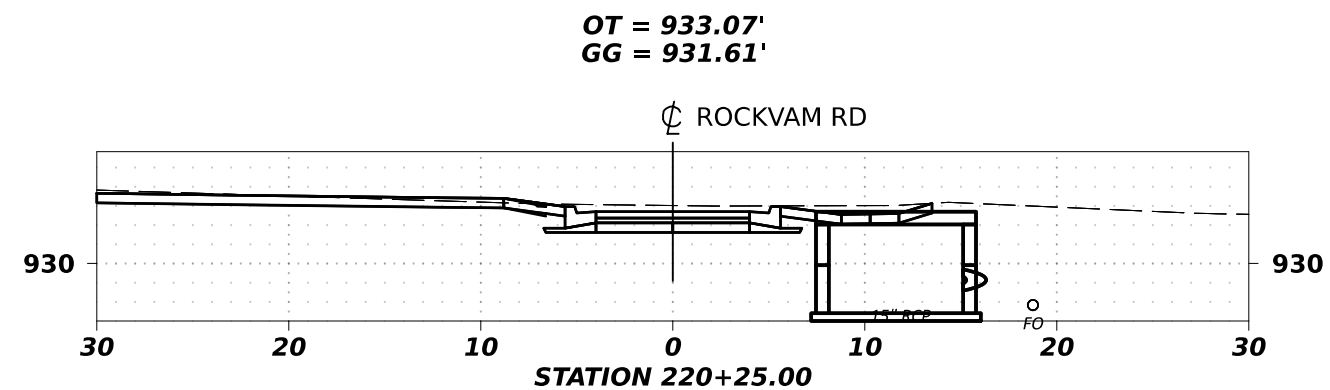
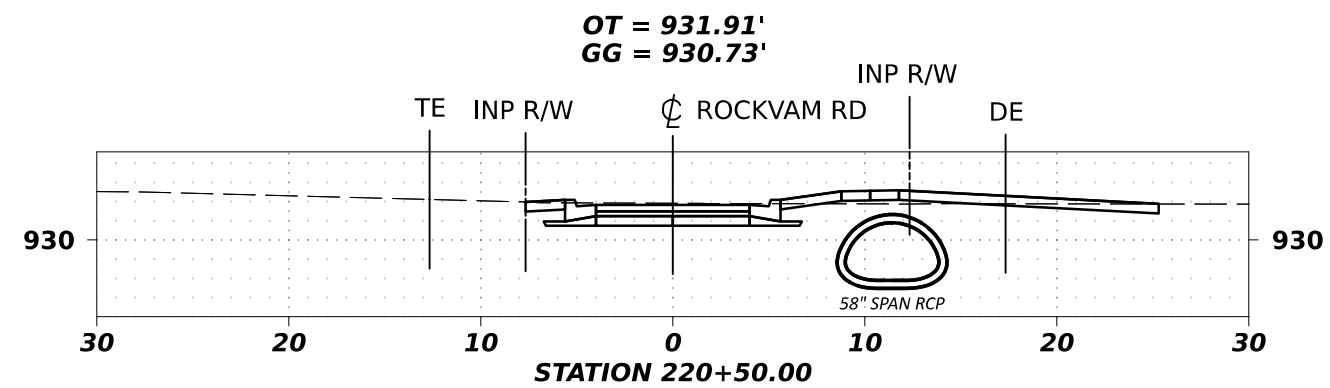
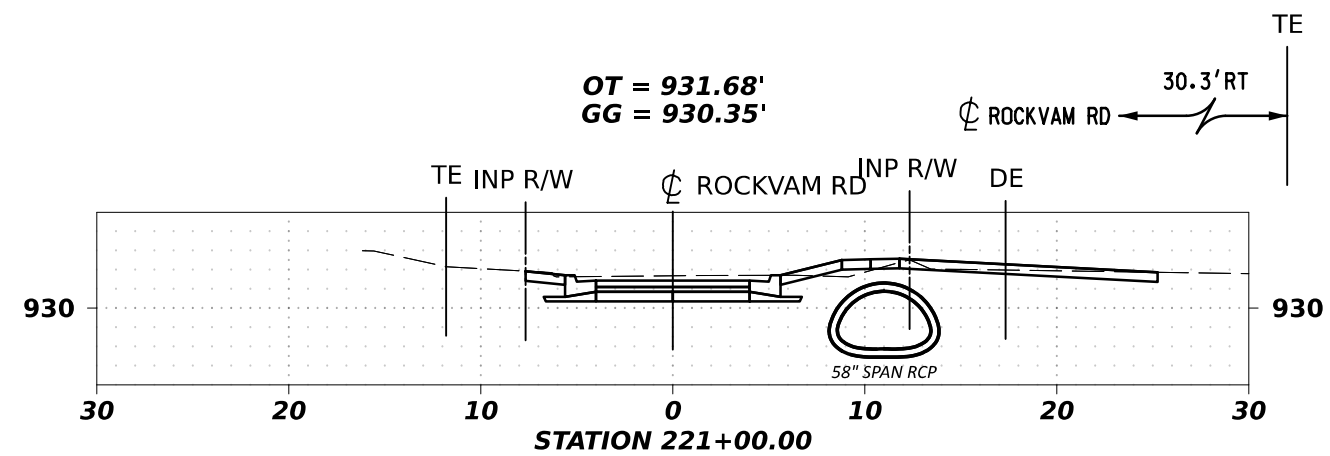
CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS40
XS45



	SCALE H 0' 5' 10'	SCALE V 0' 5' 10'	DESIGN BY: <u>S. PARK</u>	X-SECTIONS STATION 136+74.24 TO STATION 136+74.24	SHEET
			CAD BY: <u>R. MANKE</u>		
			CHECKED BY: <u>A. KLEIN</u>		
			LAST REVISION: <u>/ /</u>	CSAH 51 / HENNEPIN COUNTY PROJECT 2182000 SAP 027-651-011, SAP 027-619-029, SAP 027-594-005	XS41 XS45



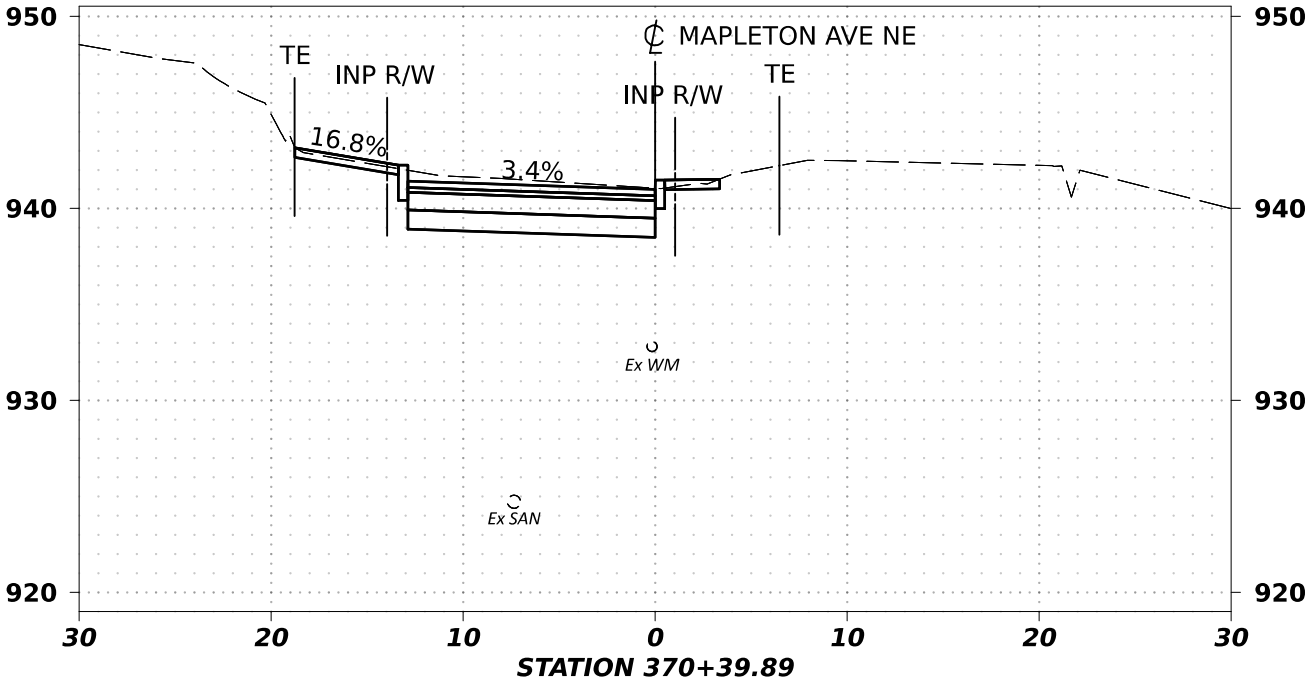
SCALE H
0' 5' 10'

SCALE V
0' 5' 10'

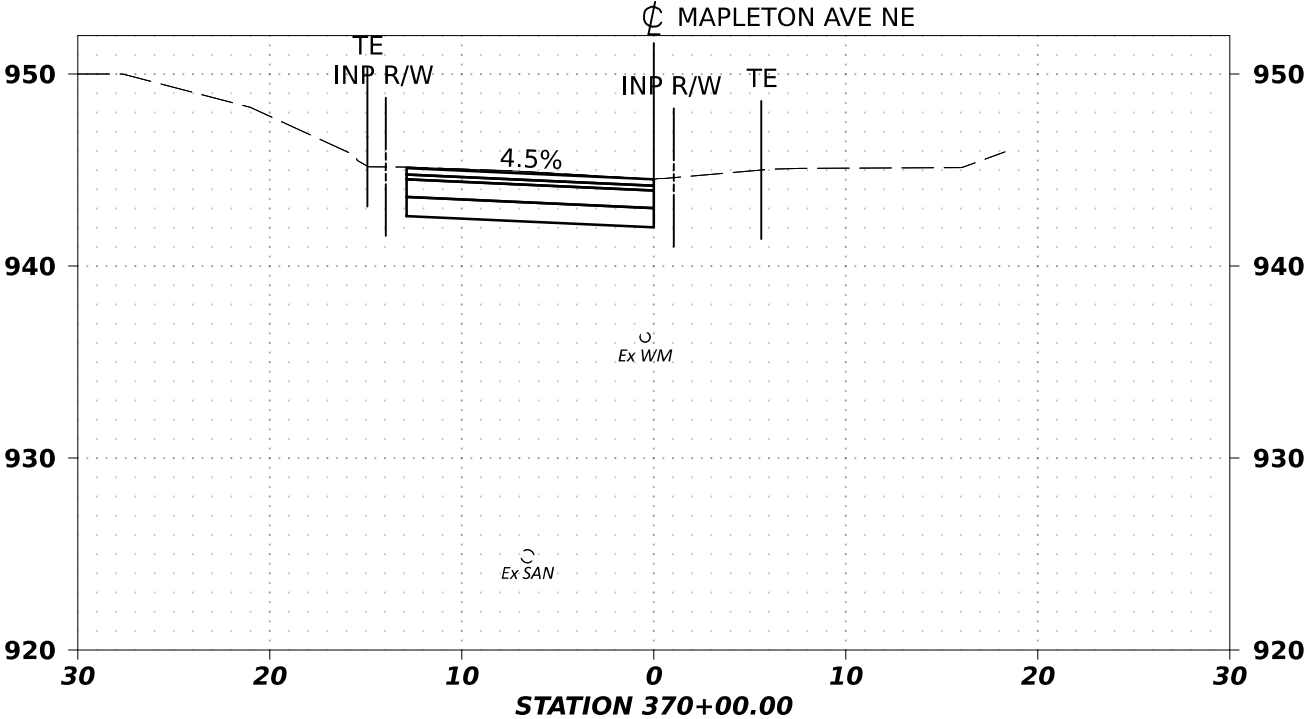
DESIGN BY: S. PARK
CAD BY: R. MANKE
CHECKED BY: A. KLEIN
LAST REVISION: / /

X-SECTIONS	STATION 220+25.00 TO STATION 221+74.27	SHEET
CSAH 51 / HENNEPIN COUNTY PROJECT 2182000 SAP 027-651-011, SAP 027-619-029, SAP 027-594-005		XS42 XS45

OT = 941.05'
GG = 939.49'



OT = 944.52'
GG = 943.02'



SCALE H 0' 5' 10'
SCALE V 0' 5' 10'

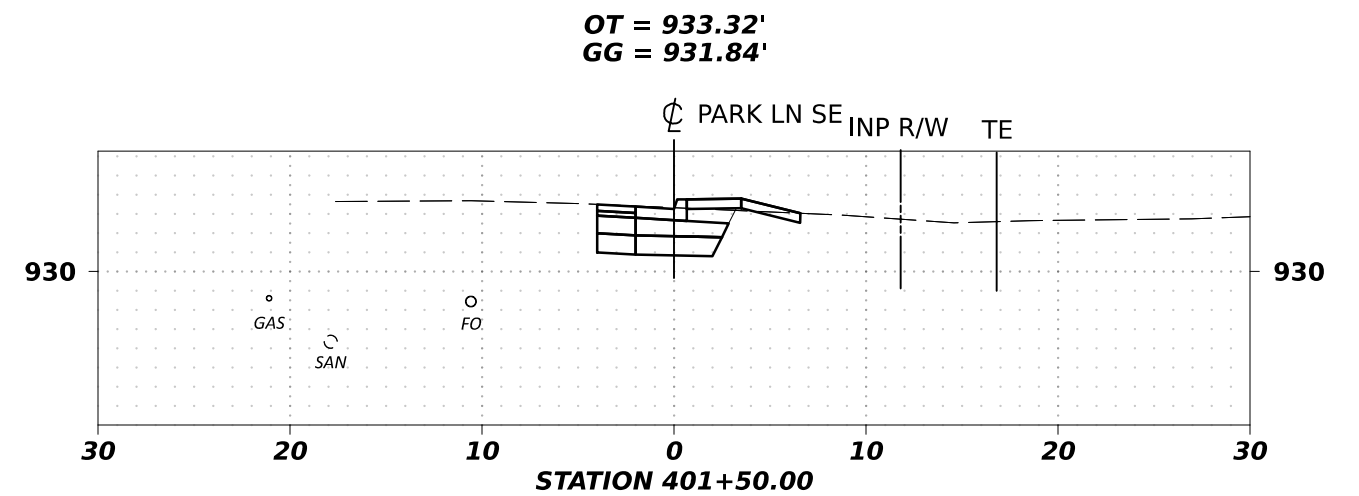
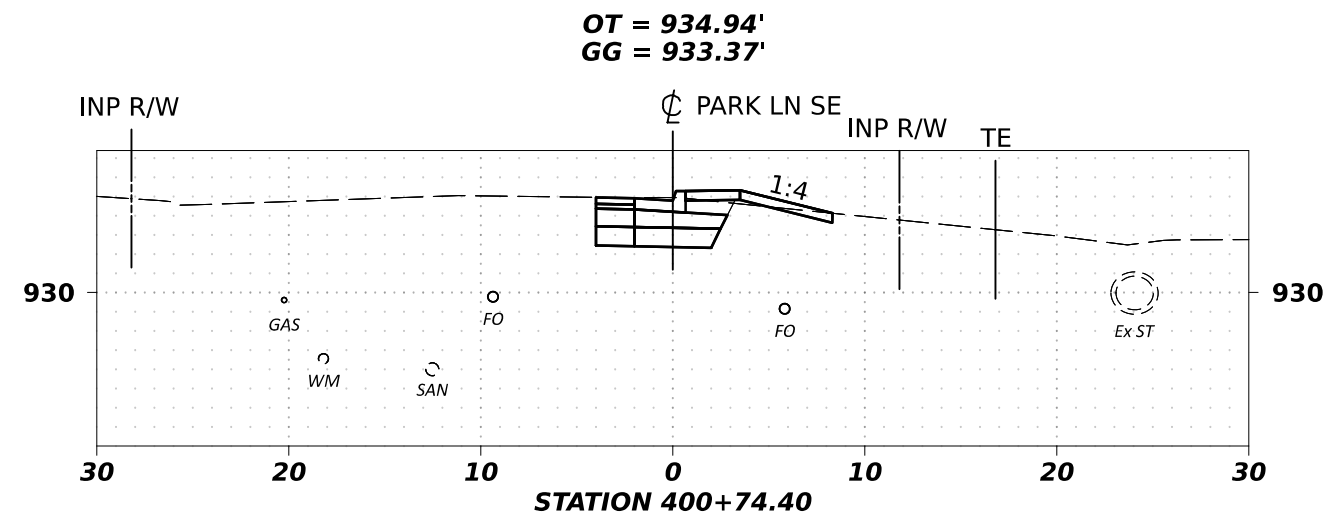
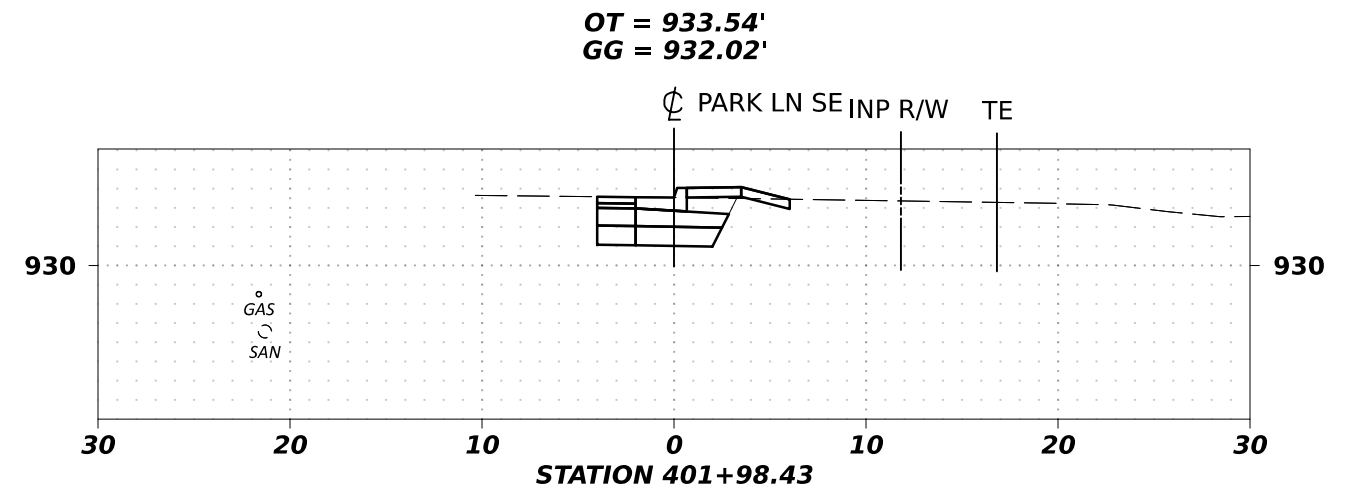
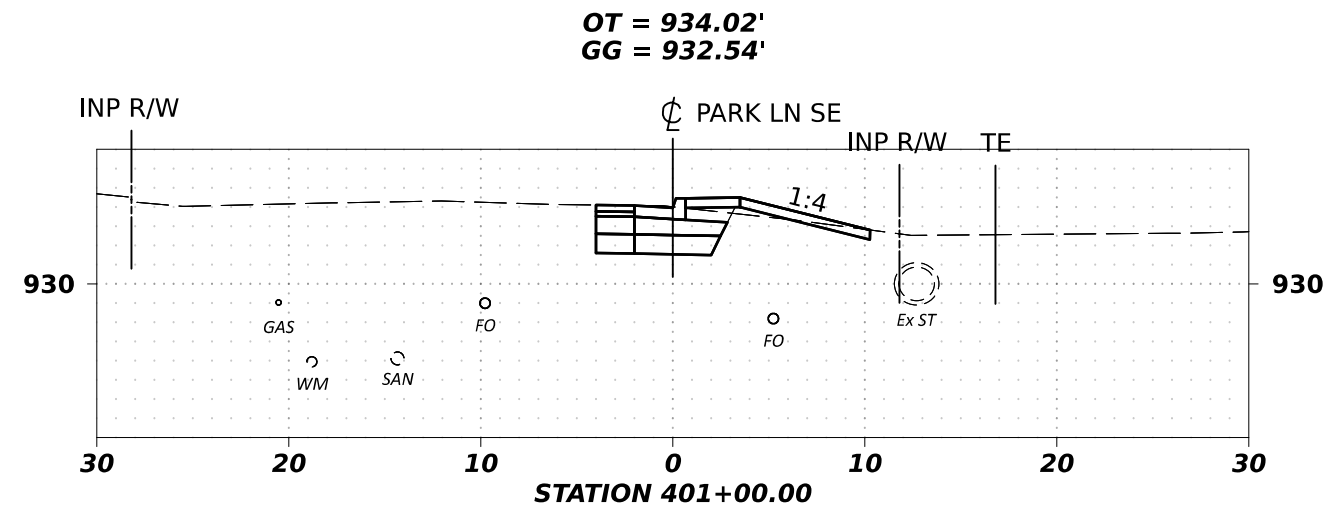
DESIGN BY: S. PARK
CAD BY: R. MANKE
CHECKED BY: A. KLEIN
LAST REVISION: / /

X-SECTIONS STATION 370+00.00 TO STATION 370+39.89

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS43
XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

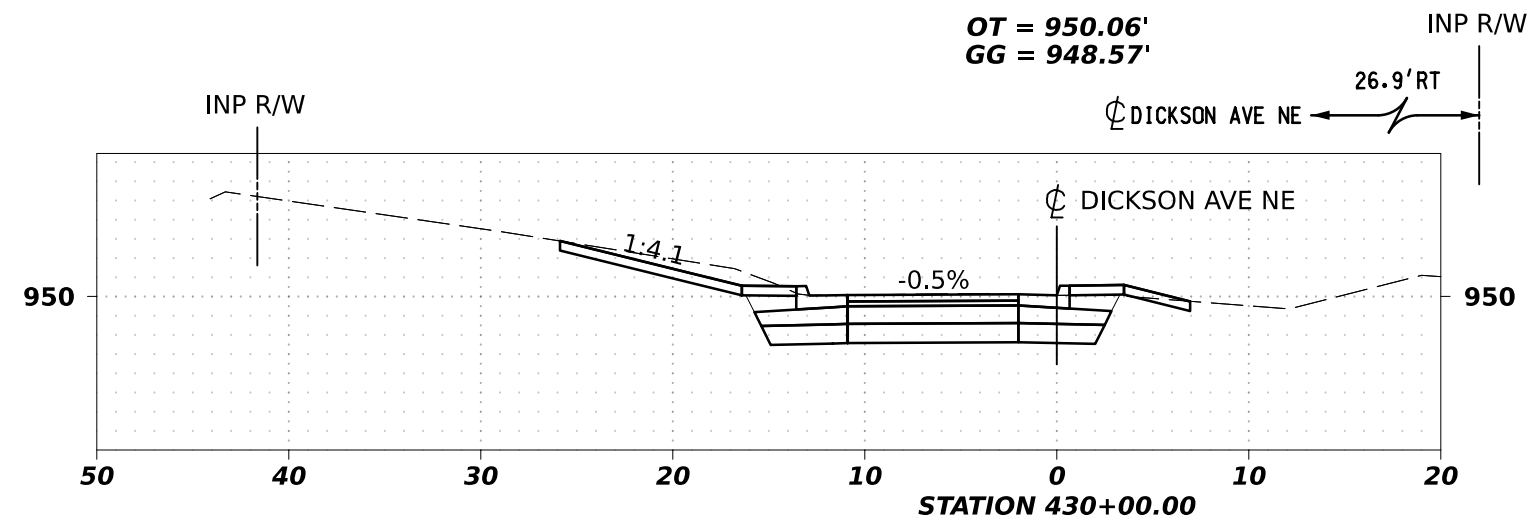
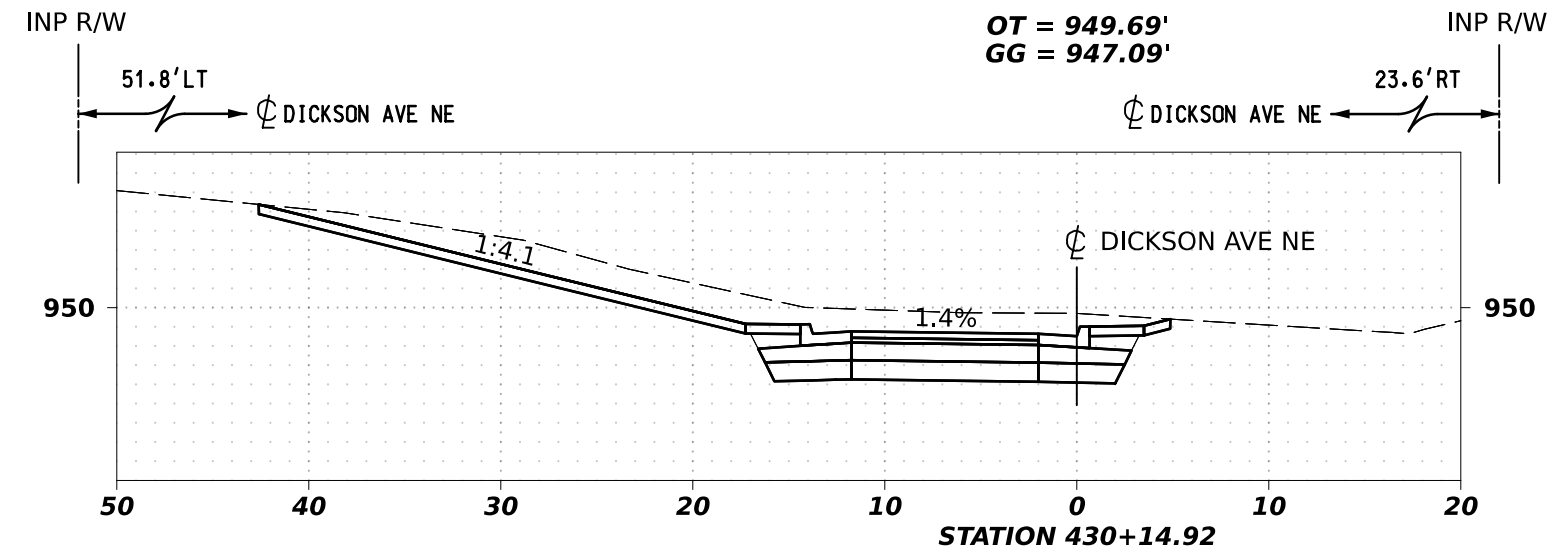
DESIGN BY: **S. PARK**

CAD BY: **R. MANKE**

CHECKED BY: **A. KLEIN**

LAST REVISION: **/ /**

X-SECTIONS	STATION 400+74.40 TO STATION 401+98.43	SHEET
CSAH 51 / HENNEPIN COUNTY PROJECT 2182000 SAP 027-651-011, SAP 027-619-029, SAP 027-594-005		XS44 XS45



SCALE H 0' 5' 10'

SCALE V 0' 5' 10'

DESIGN BY: S. PARK

CAD BY: R. MANKE

CHECKED BY: A. KLEIN

LAST REVISION: / /

X-SECTIONS STATION 430+00.00 TO STATION 430+14.92

CSAH 51 / HENNEPIN COUNTY PROJECT 2182000
SAP 027-651-011, SAP 027-619-029, SAP 027-594-005

SHEET

XS45
XS45