

SAINT PAUL REGIONAL WATER SERVICES (TAB 6 OF 8)

MnDOT Agreement Number 1030402
Exhibit A

STATION	ALIGNMENT	OFFSET (FT)	DESCRIPTION	ACTION			REMARKS
				ADJUST	RELOCATE	LEAVE AS IS	
635+66 R 2 - 635+69 R 2	TH149	48R - 51R	WATER MAIN			X	
635+68 R 2	TH149	49R	WATER VALVE			X	
635+69 R 2	TH149	48R	FIRE HYD			X	
635+71 R 2 - 637+83 R 2	TH149	1R - 212R	WATER MAIN			X	
635+71 R 2 - 46+80 R 4	TH149	15L - 4R	WATER MAIN			X	
635+89 R 2 - 635+93 R 2	TH149	77R - 80R	WATER MAIN			X	
635+95 R 2	TH149	28L - 14L	WATER MAIN			X	
635+99 R 2	TH149	29R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
636+09 R 2	TH149	14L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
636+36 R 2 - 636+66 R 2	TH149	95R - 125R	WATER MAIN			X	
636+47 R 2	TH149	23L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
636+79 R 2	TH149	23L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
637+06 R 2	TH149	22L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
638+49 R 2	TH149	8L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
639+21 R 2	TH149	10L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
640+81 R 2	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
641+39 R 2	TH149	21L	WATER VALVE			X	
642+22 R 2	TH149	20L	FIRE HYD			X	
642+22 R 2	TH149	20L - 14L	WATER MAIN			X	
643+13 R 2	TH149	21L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
643+19 R 2	TH149	14L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
643+23 R 2	TH149	29L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
643+41 R 2	TH149	21L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
643+81 R 2	TH149	24R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
645+26 R 2	TH149	20L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
646+12 R 2	TH149	24R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
646+22 R 2	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
646+67 R 2	TH149	26R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
647+08 R 2	TH149	24R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
647+17 R 2	TH149	11L - 25R	WATER MAIN			X	
647+17 R 2	TH149	9L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
647+35 R 2	TH149	20L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
647+50 R 2	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
647+95 R 2	TH149	14L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
647+95 R 2	TH149	22L - 11L	WATER MAIN			X	
647+95 R 2	TH149	25R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
648+16 R 2	TH149	11L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
648+18 R 2 - 10+08 R 3	TH149	58L	WATER MAIN			X	
648+23 R 2 - 10+06 R 3	TH149	70R - 71R	WATER MAIN			X	
10+05 R 3 - 10+08 R 3	TH149	0 - 146R	WATER MAIN			X	
10+06 R 3	TH149	71R	WATER VALVE			X	
10+07 R 3 - 10+23 R 3	TH149	52R - 53R	WATER MAIN			X	
10+08 R 3	TH149	58L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
10+14 R 3	TH149	53R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
10+31 R 3	TH149	12L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
10+35 R 3	TH149	21L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
10+35 R 3	TH149	24L - 11L	WATER MAIN		X		CURB RAMP REPLACEMENT
10+35 R 3	TH149	24L	FIRE HYD		X		CURB RAMP REPLACEMENT
10+86 R 3	TH149	22R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
11+04 R 3	TH149	22L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
11+53 R 3	TH149	22R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
11+66 R 3	TH149	23L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
12+24 R 3	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
13+27 R 3	TH149	18L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
13+27 R 3	TH149	18L - 13L	WATER MAIN			X	
14+04 R 3	TH149	13L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
14+09 R 3	TH149	24L	FIRE HYD			X	
14+09 R 3	TH149	24L - 13L	WATER MAIN			X	
14+20 R 3	TH149	22R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
14+52 R 3	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
15+98 R 3	TH149	22R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
16+91 R 3	TH149	24L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
17+67 R 3	TH149	20L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
17+67 R 3	TH149	24L	FIRE HYD			X	
17+67 R 3	TH149	24L - 13L	WATER MAIN			X	
18+05 R 3	TH149	23L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)

NOTES: SEE SHEET 55 FOR GENERAL NOTES

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(1) WATER VALVE WITHIN ST. PAUL CITY LIMITS

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NO	DATE	BY	CHKD	APPR	REVISION
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I hereby certify that this plan, specification, or report 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: JACOB D. CHAPEK
Date: 2/7/2018 License #: 54318

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DESIGNED BY
JDC
CHECKED BY
MJS



MN STATE PROJECT NO.
1917-45
(T.H. 149)
STATE AID PROJECT NO.
164-010-070

MINNESOTA DEPARTMENT OF TRANSPORTATION
INPLACE UTILITY TABULATIONS
T.H. 149

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SAINT PAUL REGIONAL WATER SERVICES (TAB 7 OF 8)							
STATION	ALIGNMENT	OFFSET (FT)	DESCRIPTION	ACTION			REMARKS
				ADJUST	RELOCATE	LEAVE AS IS	
18+72 R 3	TH149	25L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
19+02 R 3	TH149	26R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
19+51 R 3	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
19+64 R 3	TH149	24L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
20+25 R 3	TH149	22R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
20+44 R 3	TH149	24L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
20+50 R 3	TH149	23L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
21+04 R 3	TH149	12L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
21+04 R 3 - 21+14 R 3	TH149	32L	WATER MAIN			X	
21+04 R 3 - 21+05 R 3	TH149	137L - 12L	WATER MAIN			X	
21+06 R 3	TH149	33L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
21+14 R 3	TH149	32L	FIRE HYD			X	
21+25 R 3	TH149	12L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
22+94 R 3	TH149	24L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
23+18 R 3	TH149	24L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
23+70 R 3	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
23+98 R 3	TH149	22L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
23+99 R 3	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
24+86 R 3	TH149	22L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
24+86 R 3 - 24+87 R 3	TH149	25L - 12L	WATER MAIN			X	
24+87 R 3	TH149	25L	FIRE HYD			X	
26+18 R 3	TH149	22R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
27+17 R 3	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
27+53 R 3	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
27+62 R 3	TH149	22R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
27+64 R 3	TH149	24L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
28+25 R 3	TH149	37L - 48R	WATER MAIN			X	
28+45 R 3	TH149	13L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
28+45 R 3 - 28+47 R 3	TH149	23L - 13L	WATER MAIN			X	
28+46 R 3	TH149	20L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
28+47 R 3	TH149	23L	FIRE HYD			X	
29+40 R 3	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
29+65 R 3	TH149	22R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
30+14 R 3	TH149	22L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
30+80 R 3	TH149	22R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
32+06 R 3	TH149	24L	FIRE HYD			X	
32+06 R 3	TH149	24L - 12L	WATER MAIN			X	
32+25 R 3	TH149	22R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
32+53 R 3	TH149	24R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
33+32 R 3	TH149	24L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
34+02 R 3	TH149	24L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
34+03 R 3	TH149	24L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
34+88 R 3	TH149	27R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
35+06 R 3	TH149	12L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
35+46 R 3 - 35+47 R 3	TH149	219L - 179R	WATER MAIN			X	
35+47 R 3 - 35+56 R 3	TH149	31L	WATER MAIN		X		CURB RAMP REPLACEMENT
35+55 R 3	TH149	31L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
35+56 R 3	TH149	31L	FIRE HYD		X		CURB RAMP REPLACEMENT
35+67 R 3	TH149	13L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
36+07 R 3	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
36+80 R 3	TH149	15L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
37+33 R 3	TH149	11L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
37+34 R 3	TH149	8L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
37+43 R 3	TH149	24R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
38+06 R 3	TH149	22L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
38+19 R 3	TH149	12L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
39+06 R 3	TH149	31R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
39+06 R 3 - 39+07 R 3	TH149	249L - 177R	WATER MAIN			X	
39+26 R 3	TH149	13L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
39+26 R 3 - 39+28 R 3	TH149	21L - 13L	WATER MAIN			X	
39+28 R 3	TH149	21L	FIRE HYD			X	
39+53 R 3	TH149	24L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
40+33 R 3	TH149	18L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
40+33 R 3	TH149	18L - 15L	WATER MAIN			X	
40+36 R 3	TH149	15L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
40+49 R 3	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)

NOTES: SEE SHEET 55 FOR GENERAL NOTES

(1) WATER VALVE WITHIN ST. PAUL
CITY LIMITS

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NO	DATE	BY	CKD	APPR	REVISION
P:\State\MNDOT\1412215100\CAD\DesIgn\Plan\1917-45\Seotone\od191745_urb01.dgn					

I hereby certify that this plan, specification, or report 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: JACOB D. CHAPEK
Date: 2/7/2018 License #: 54318

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MN STATE PROJECT NO.
1917-45
(T.H. 149)
STATE AID PROJECT NO.
164-010-070

MINNESOTA DEPARTMENT OF TRANSPORTATION
INPLACE UTILITY TABULATIONS
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SAINT PAUL REGIONAL WATER SERVICES (TAB 8 OF 8)

MnDOT Agreement Number 1030402
Exhibit A

STATION	ALIGNMENT	OFFSET (FT)	DESCRIPTION	ACTION			REMARKS
				ADJUST	RELOCATE	LEAVE AS IS	
41+12 R 3	TH149	24R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
41+49 R 3	TH149	23R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
41+66 R 3	TH149	23L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
41+97 R 3	TH149	27L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
42+84 R 3	TH149	21L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
42+84 R 3 - 42+85 R 3	TH149	24L - 14L	WATER MAIN			X	
42+85 R 3	TH149	24L	FIRE HYD			X	
44+83 R 3	TH149	30L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
46+28 R 3 - 46+30 R 3	TH149	14L - 127R	WATER MAIN			X	
46+45 R 3	TH149	22L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
46+45 R 3 - 46+46 R 3	TH149	29L - 14L	WATER MAIN			X	
46+46 R 3	TH149	29L	FIRE HYD			X	
46+01 R 1 - 46+51 R 1	TH13	160L - 6L	WATER MAIN			X	
46+42 R 1	TH13	40L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
46+49 R 1	TH13	47L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
46+51 R 1 - 59+97 R 1	TH13	6L - 3L	WATER MAIN			X	
46+52 R 1	TH13	48L	FIRE HYD			X	
46+58 R 1	TH13	8L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
46+58 R 1 - 46+65 R 1	TH13	8L - 100R	WATER MAIN			X	
49+33 R 1	TH13	33L	FIRE HYD			X	
49+35 R 1	TH13	33L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
49+41 R 1	TH13	28L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
50+44 R 1	TH13	27R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
51+34 R 1	TH13	48R - 5L	WATER MAIN			X	
51+34 R 1	TH13	3L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
52+45 R 1	TH13	31L	FIRE HYD			X	
52+47 R 1	TH13	31L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
52+54 R 1 - 52+63 R 1	TH13	131L - 196R	WATER MAIN			X	
52+55 R 1	TH13	26L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
52+61 R 1	TH13	31R	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR
52+67 R 1	TH13	26L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
52+97 R 1	TH13	5L	WATER VALVE	X			TO BE PERFORMED BY CONTRACTOR (1)
56+11 R 1	TH13	41L	FIRE HYD			X	
56+13 R 1	TH13	41L	WATER VALVE			X	
56+16 R 1 - 56+21 R 1	TH13	134L - 228R	WATER MAIN			X	

CITY OF WEST SAINT PAUL (TAB 1 OF 2)

STATION	ALIGNMENT	OFFSET (FT)	DESCRIPTION	ACTION			REMARKS
				ADJUST	RELOCATE	LEAVE AS IS	
619+68 R 2	TH149	100R	SAN MANHOLE			X	
619+68 R 2 - 621+95 R 2	TH149	115L - 100R	SAN			X	
621+95 R 2	TH149	115L	SAN MANHOLE			X	
623+30 R 2 - 625+45 R 2	TH149	17L - 195R	SAN			X	
625+45 R 2	TH149	17L	SAN MANHOLE	X			TO BE PERFORMED BY CONTRACTOR
625+45 R 2 - 627+88 R 2	TH149	259L - 17L	SAN			X	
628+91 R 2	TH149	147R	SAN MANHOLE			X	
628+91 R 2 - 630+55 R 2	TH149	15L - 147R	SAN			X	
630+55 R 2	TH149	15L	SAN MANHOLE	X			TO BE PERFORMED BY CONTRACTOR
630+55 R 2 - 632+69 R 2	TH149	227L - 15L	SAN			X	
633+00 R 2 - 634+58 R 2	TH149	95R - 251R	SAN			X	
634+58 R 2	TH149	95R	SAN MANHOLE			X	
635+85 R 2	TH149	29R	SAN MANHOLE	X			TO BE PERFORMED BY CONTRACTOR
635+85 R 2 - 638+42 R 2	TH149	29R - 283R	SAN			X	
636+19 R 2	TH149	17L	SAN MANHOLE	X			TO BE PERFORMED BY CONTRACTOR
636+19 R 2 - 638+83 R 2	TH149	18L - 17L	SAN			X	
636+74 R 2	TH149	22L	LIGHT POLE	X			TO BE PERFORMED BY CONTRACTOR. SEE LIGHTING PLANS
636+74 R 2 - 648+06 R 2	TH149	30L - 20L	UGND STREET LIGHTING		X		TO BE PERFORMED BY CONTRACTOR. SEE LIGHTING PLANS
636+74 R 2 - 648+21 R 2	TH149	22L - 40R	UGND STREET LIGHTING		X		TO BE PERFORMED BY CONTRACTOR. SEE LIGHTING PLANS
637+21 R 2	TH149	18R	SAN MANHOLE	X			TO BE PERFORMED BY CONTRACTOR
637+21 R 2 - 640+69 R 2	TH149	18R - 19R	SAN			X	
638+20 R 2	TH149	22R	LIGHT POLE	X			TO BE PERFORMED BY CONTRACTOR. SEE LIGHTING PLANS
638+83 R 2	TH149	17L	SAN MANHOLE	X			TO BE PERFORMED BY CONTRACTOR
638+83 R 2 - 641+49 R 2	TH149	17L	SAN			X	
638+42 R 2	TH149	283R	SAN MANHOLE			X	
639+40 R 2	TH149	22L	LIGHT POLE			X	

NOTES: SEE SHEET 55 FOR GENERAL NOTES

(1) WATER VALVE WITHIN ST. PAUL
CITY LIMITS

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NO	DATE	BY	CHKD	APPR	REVISION
1					
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I hereby certify that this plan, specification, or report 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: JACOB D. CHAPEK
Date: 2/7/2018 License #: 54318

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164-010-070

MINNESOTA DEPARTMENT OF TRANSPORTATION
INPLACE UTILITY TABULATIONS
T.H. 149

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SCALE IN FEET



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0. MINNESOTA DEPARTMENT OF TRANSPORTATION

INPLACE UTILITY & TOPOGRAPHY PLANS

T.H. 13

SHEET
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OF
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I hereby certify that this plan, specification, or report 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.

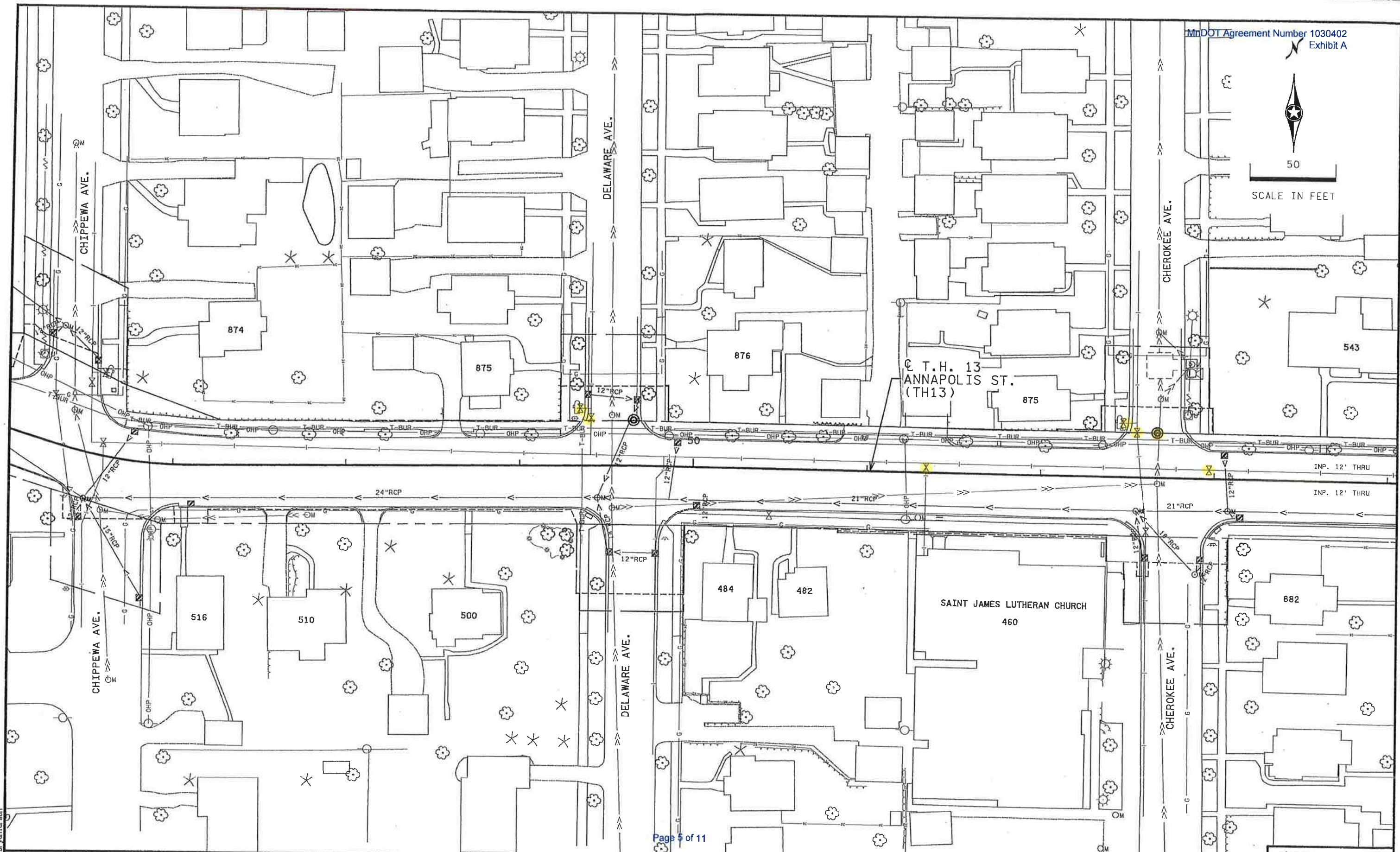
Print Name: JACOB D. CHAPEK

Jacob D. Chapek

Date: 12/19/2017 License #: 54318

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NO	DATE	BY	CHKD	APPR	REVISION
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I hereby certify that this plan, specification, or report 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: **JACOB D. CHAPEK**

Date: **12/19/2017** License: **54318**

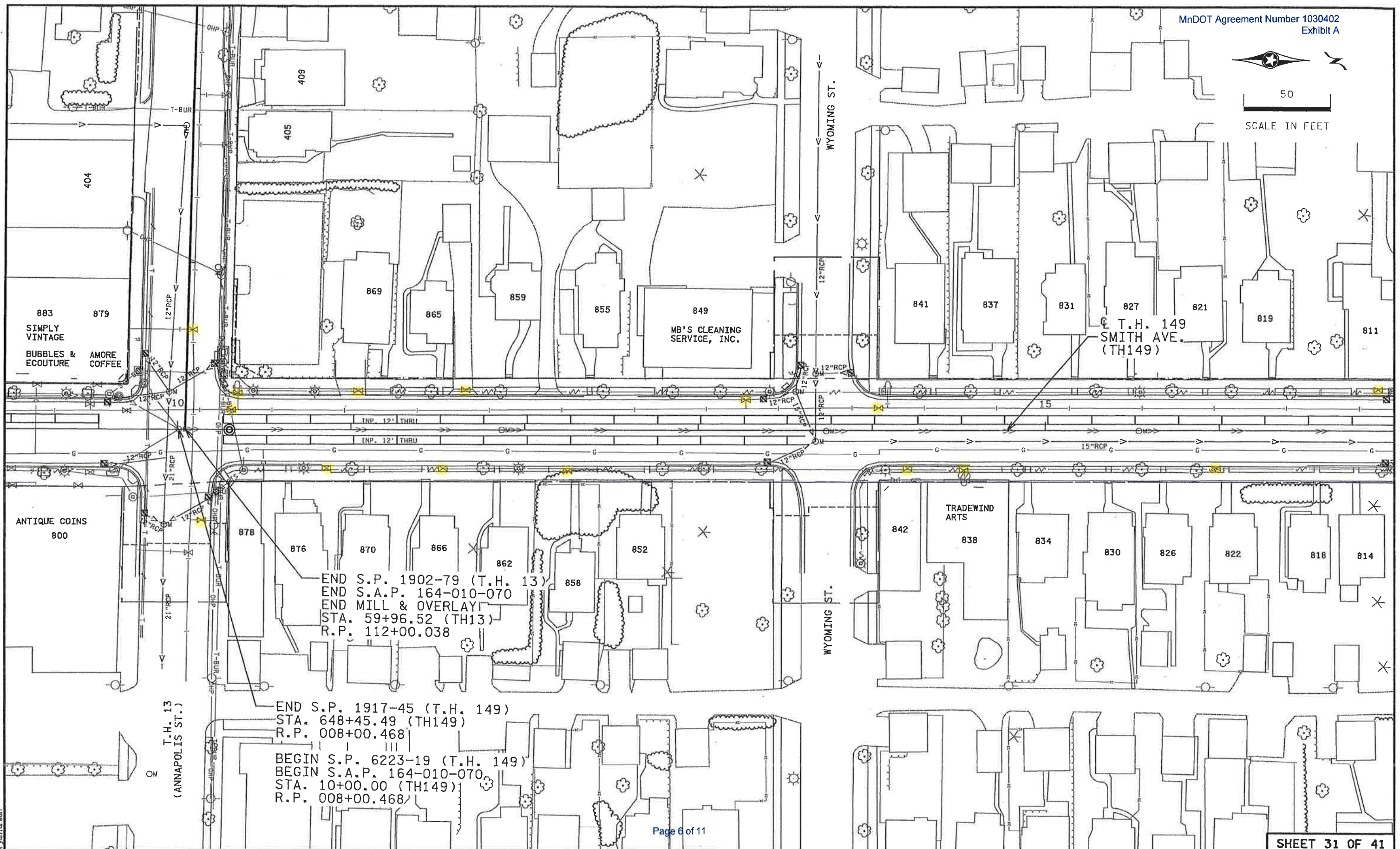
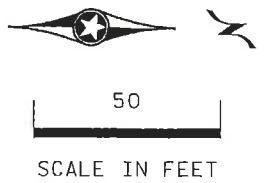
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164-010-070

MINNESOTA DEPARTMENT OF TRANSPORTATION
INPLACE UTILITY & TOPOGRAPHY PLANS
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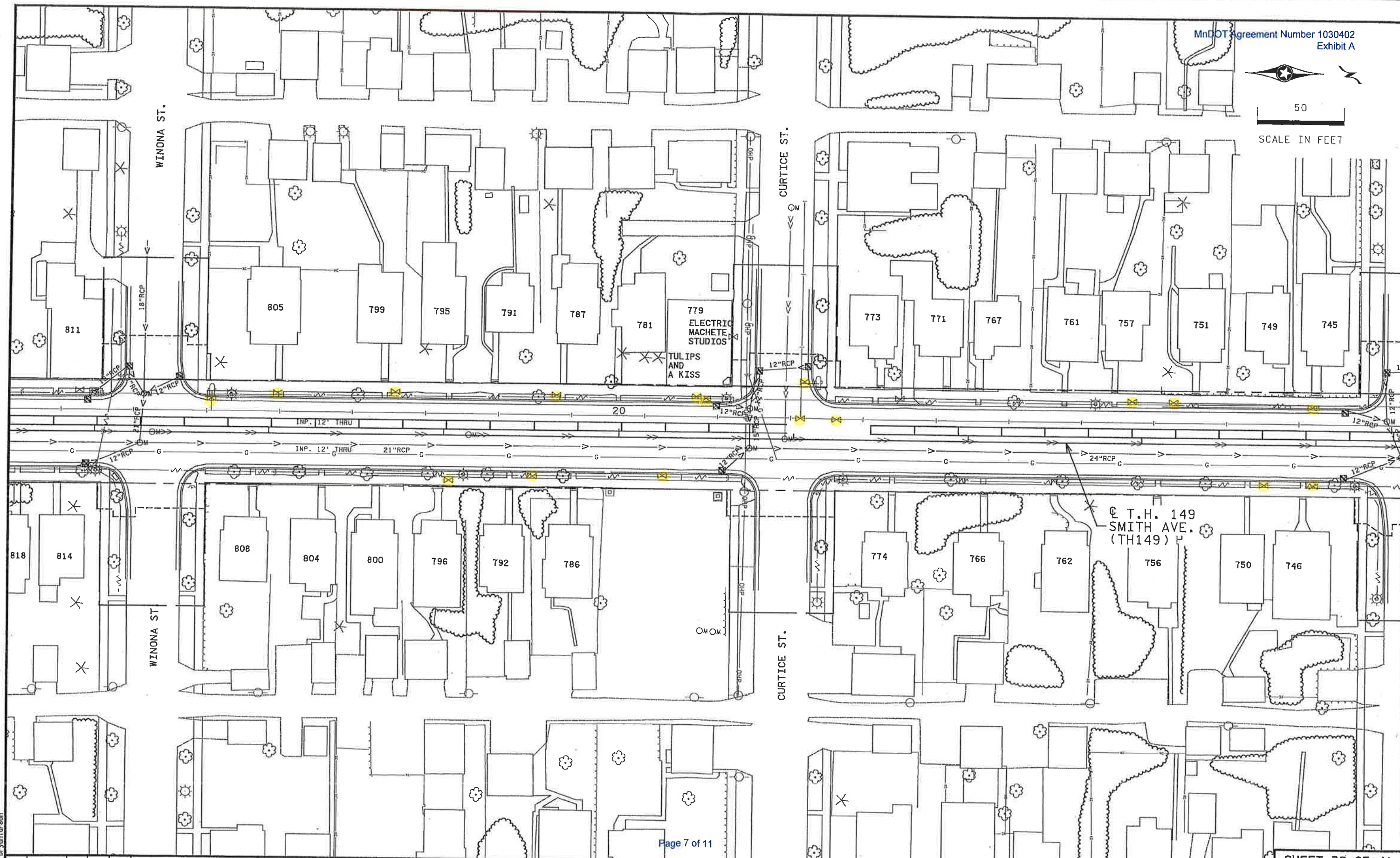
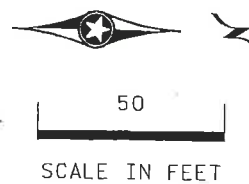
END S.P. 1902-79 (T.H. 13)
END S.A.P. 164-010-070
END MILL & OVERLAY
STA. 59+96.52 (TH13)
R.P. 112+00.038

END S.P. 1917-45 (T.H. 149)
STA. 648+45.49 (TH149)
R.P. 008+00.468
BEGIN S.P. 6223-19 (T.H. 149)
BEGIN S.A.P. 164-010-070
STA. 10+00.00 (TH149)
R.P. 008+00.468

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12/19/2017 12:20:38 PM P:\State\MNDOT\1412215100\CAD\Design\Plan\1917-45\Seal\one\od191745_inptopog31.dgn					I hereby certify that this plan, specification, or report 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: JACOB D. CHAPEK Date: 12/19/2017 License #: 54318		DRAWN BY BNL DESIGNED BY JDC CHECKED BY MJS		MN STATE PROJECT NO. 1917-45 (T.H. 149) STATE AID PROJECT NO. 164-010-070		MINNESOTA DEPARTMENT OF TRANSPORTATION INPLACE UTILITY & TOPOGRAPHY PLANS T.H. 149		SHEET 119 OF 412	
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12/19/2017 12:20:42 PM brymlarson

NO	DATE	BY	CHKD	APPR	REVISION
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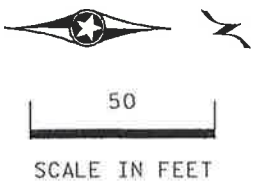
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12/19/2017 12:20:44 PM	bryanlerson			
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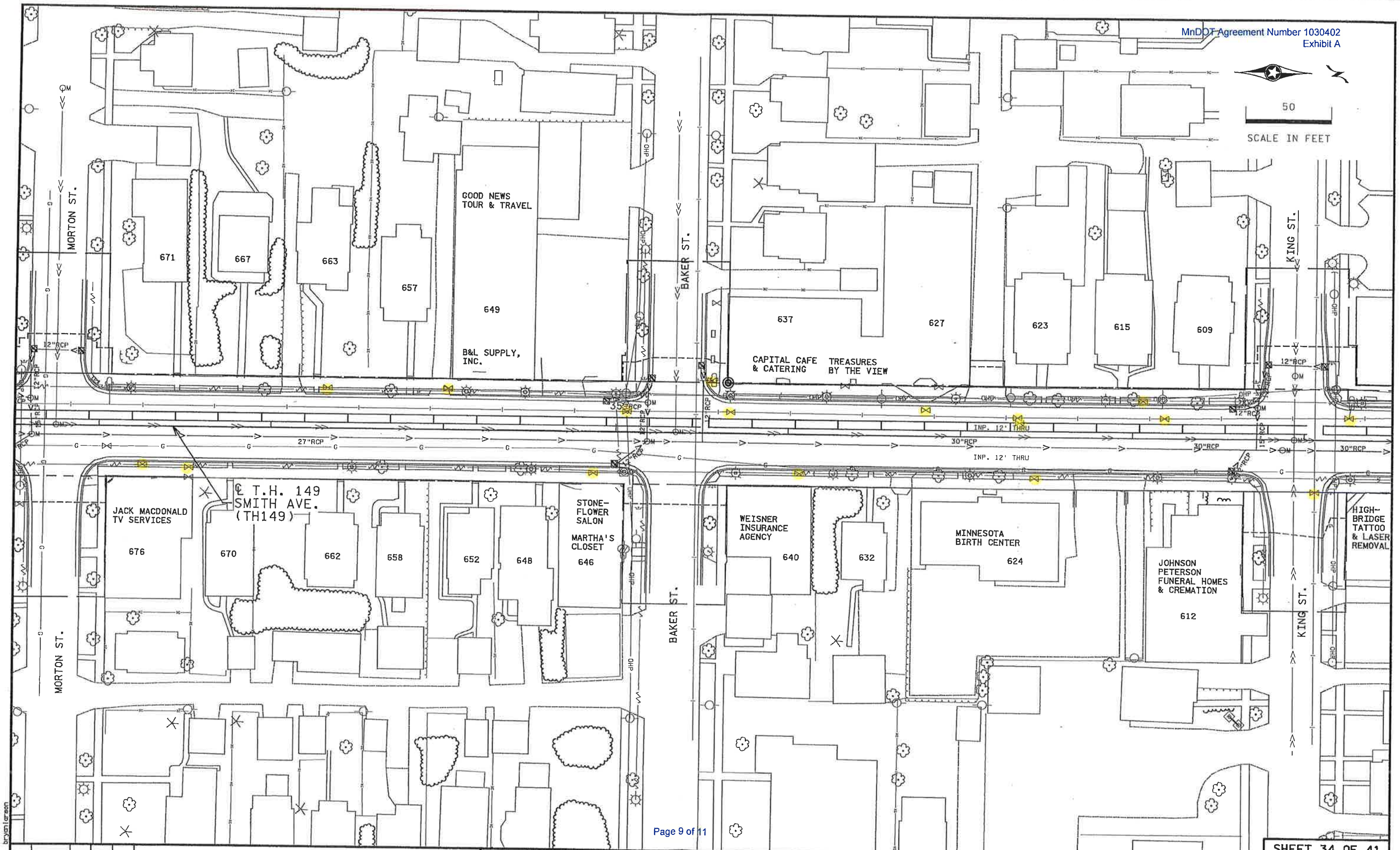
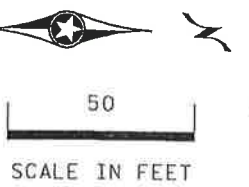
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INPLACE UTILITY & TOPOGRAPHY PLANS

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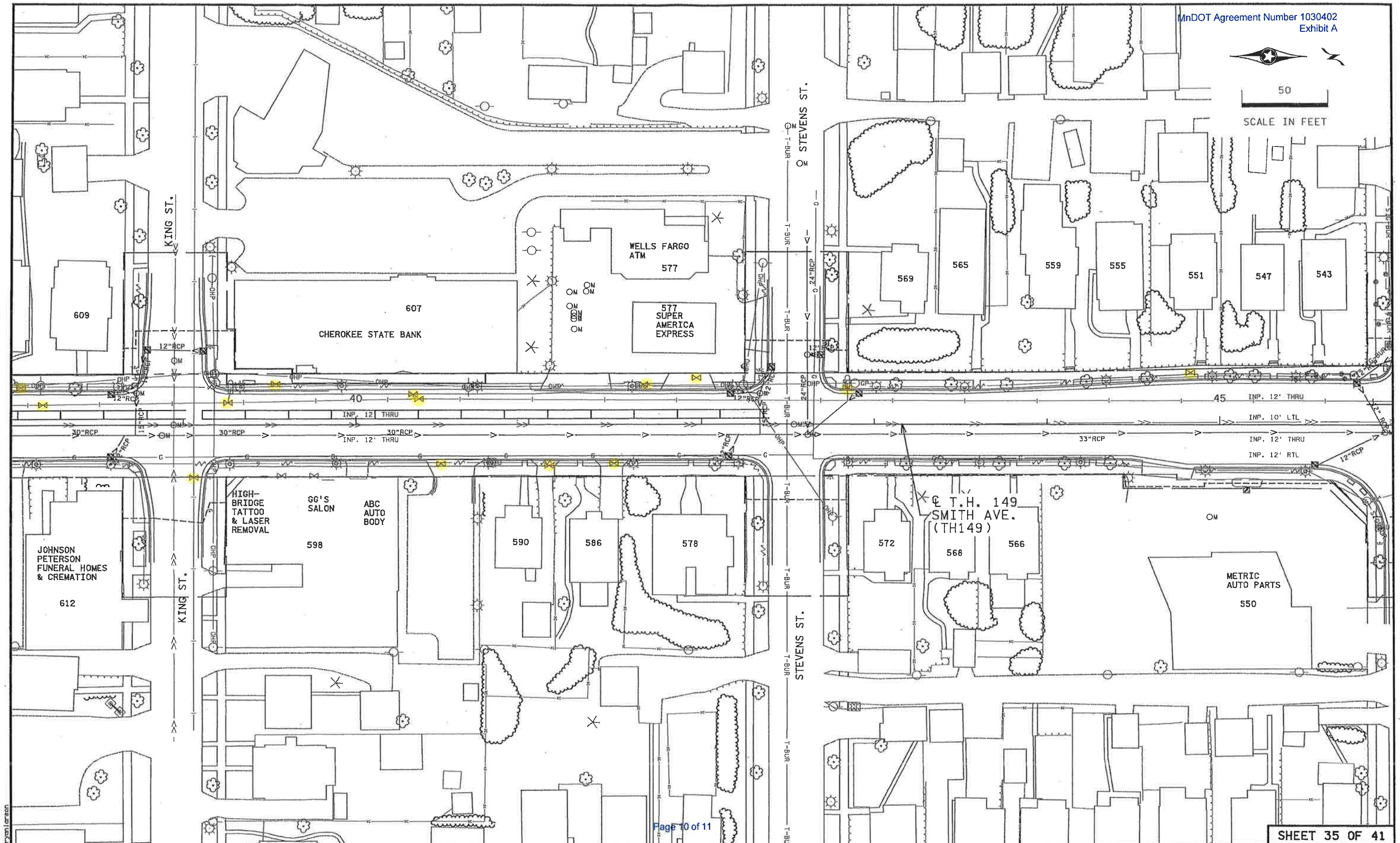
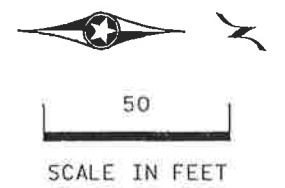
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Date: **12/19/2017** License #: **54318**

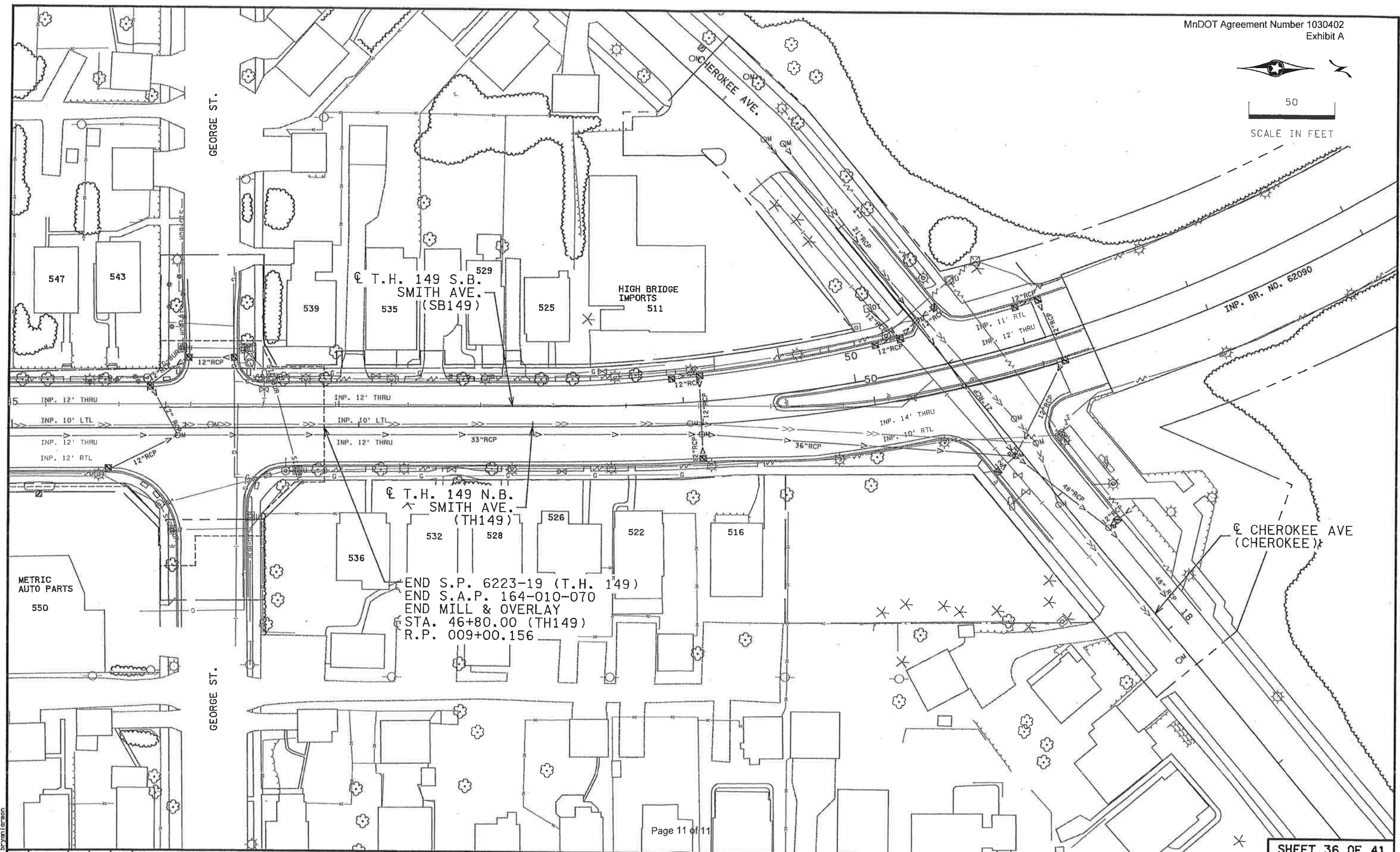
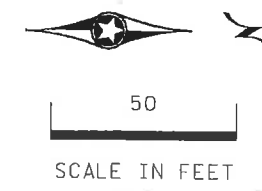
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12/19/2017 12:20:51 PM bryan.larsen					I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. Print Name: JACOB D. CHAPEK Date: 12/19/2017 License #: 54318		DRAWN BY BWL DESIGNED BY JDC CHECKED BY MJS		KLJ		MN STATE PROJECT NO. 1917-45 (T.H. 149) STATE AID PROJECT NO. 164-010-070		MINNESOTA DEPARTMENT OF TRANSPORTATION INPLACE UTILITY & TOPOGRAPHY PLANS T.H. 149		SHEET 124 OF 412	
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