

H:\JBA\8600\8654\8654_0004.9th St\CAD\0_CITY PROJECT\Plans\075 - 9th St NE Wetland Impacts.dwg:Table (1)-10/22/2025 10:52 AM-[jerickson]

Wetland Impact Table												
Wetland Number	Location	Wetland Type	Wetland Feature	USACE Jurisdictional Wetlands ¹	Wetland Impacts Acre(s)		Wetland Mitigation					
							Mitigation Proposed		USACE/11990 Bank		11990 Bank	
					Temp.	Perm.	EO 11990	USACE	Location	Acre(s)	Location	Acre(s)
1A	Sec 33 T-140-N R-49-W	Ditch	Created	N	0.007	0.038	N	N				
1B	Sec 33 T-140-N R-49-W	Ditch	Created	N	0.002	0.014	N	N				
1C	Sec 33 T-140-N R-49-W	Ditch	Created	N	0.001	0.005	N	N				
1D	Sec 33 T-140-N R-49-W	Ditch	Created	N	0.001	0.001	N	N				
1E	Sec 33 T-140-N R-49-W	Ditch	Created	N		0.021	N	N				
1F	Sec 33 T-140-N R-49-W	Ditch	Created	N		0.030	N	N				
1G	Sec 33 T-140-N R-49-W	Ditch	Created	N	0.012	0.057	N	N				
1H	Sec 33 T-140-N R-49-W	Ditch	Created	N		0.005	N	N				
1I	Sec 33 T-140-N R-49-W	Ditch	Created	N		0.183	N	N				
1J	Sec 33 T-140-N R-49-W	Ditch	Created	N	0.005	0.137	N	N				
1K	Sec 33 T-140-N R-49-W	Ditch	Created	N		0.015	N	N				
1L	Sec 33 T-140-N R-49-W	Ditch	Created	N		0.037	N	N				
1M	Sec 33 T-140-N R-49-W	Ditch	Created	N	0.006	0.086	N	N				
1N	Sec 33 T-140-N R-49-W	Ditch	Created	N	0.085	0.154	N	N				
1O	Sec 33 T-140-N R-49-W	Ditch	Created	N	0.016	0.071	N	N				
1P	Sec 33 T-140-N R-49-W	Ditch	Created	N	0.029	0.024	N	N				
1Q	Sec 33 T-140-N R-49-W	Ditch	Created	N								
2A	Sec 32 T-140-N R-49-W	Ditch	Created	N		0.115	N	N				
2B	Sec 32 T-140-N R-49-W	Ditch	Created	N	0.002	0.016	N	N				
2C	Sec 32 T-140-N R-49-W	Ditch	Created	N		0.016	N	N				
2D	Sec 32 T-140-N R-49-W	Ditch	Created	N		0.059	N	N				
3A	Sec 4 T-139-N R-49-W	Ditch	Created	N		0.122	N	N				
3B	Sec 4 T-139-N R-49-W	Ditch	Created	N		0.197	N	N				
3C	Sec 4 T-139-N R-49-W	Ditch	Created	N		0.282	N	N				
3D	Sec 4 T-139-N R-49-W	Ditch	Created	N	0.006	0.137	N	N				
3E	Sec 4 T-139-N R-49-W	Ditch	Created	N	0.030	0.012	N	N				
4A	Sec 5 T-139-N R-49-W	Ditch	Created	N		0.042	N	N				
4B	Sec 5 T-139-N R-49-W	Ditch	Created	N								
5	Sec 5 T-139-N R-49-W	Ditch	Created	Y								
6	Sec 5 T-139-N R-49-W	Ditch	Created	Y								
7	Sec 4 T-139-N R-49-W	Ditch	Created	N								
8A	Sec 4 T-139-N R-49-W	Ditch	Created	Y								
8B	Sec 4 T-139-N R-49-W	Ditch	Created	Y								
9	Sec 5 T-139-N R-49-W	Ditch	Created	N		0.053	N	N				
Totals					0.202	1.929				0.000		0.000

¹ A wetland Jurisdictional Determination was issued by the USACE on 7/7/2023; NWO-2023-00511-BIS.

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	75	1

Mitigation Summary Table					
	Location	Ditch Shift Acre(s)	Onsite Acre(s)	11990 Bank Acre(s)	USACE/11990 Bank Acre(s)
USACE Only	NA				
EO 11990 Only	NA				
USACE/11990	NA				
Total		0	0	0	0

Impact Summary Table			
Permanent Impact Summary		Temporary Impacts and additional information	
Wetland Type	Total Acre(s)	WaterType	Total Acre(s)
Natural/JD (Fill/Drain)	0.000	Temporary Wetland JD	0.000
Natural/Non-JD (Fill/Drain)	0.000	Non-JD Wetland Temporary	0.202
Artificial/JD (Fill/Drain)	0.000		0.000
Artificial /Non-JD (Fill/Drain))	1.929	Permanent OW	0.000
Total	1.929	Temporary OW	0.000



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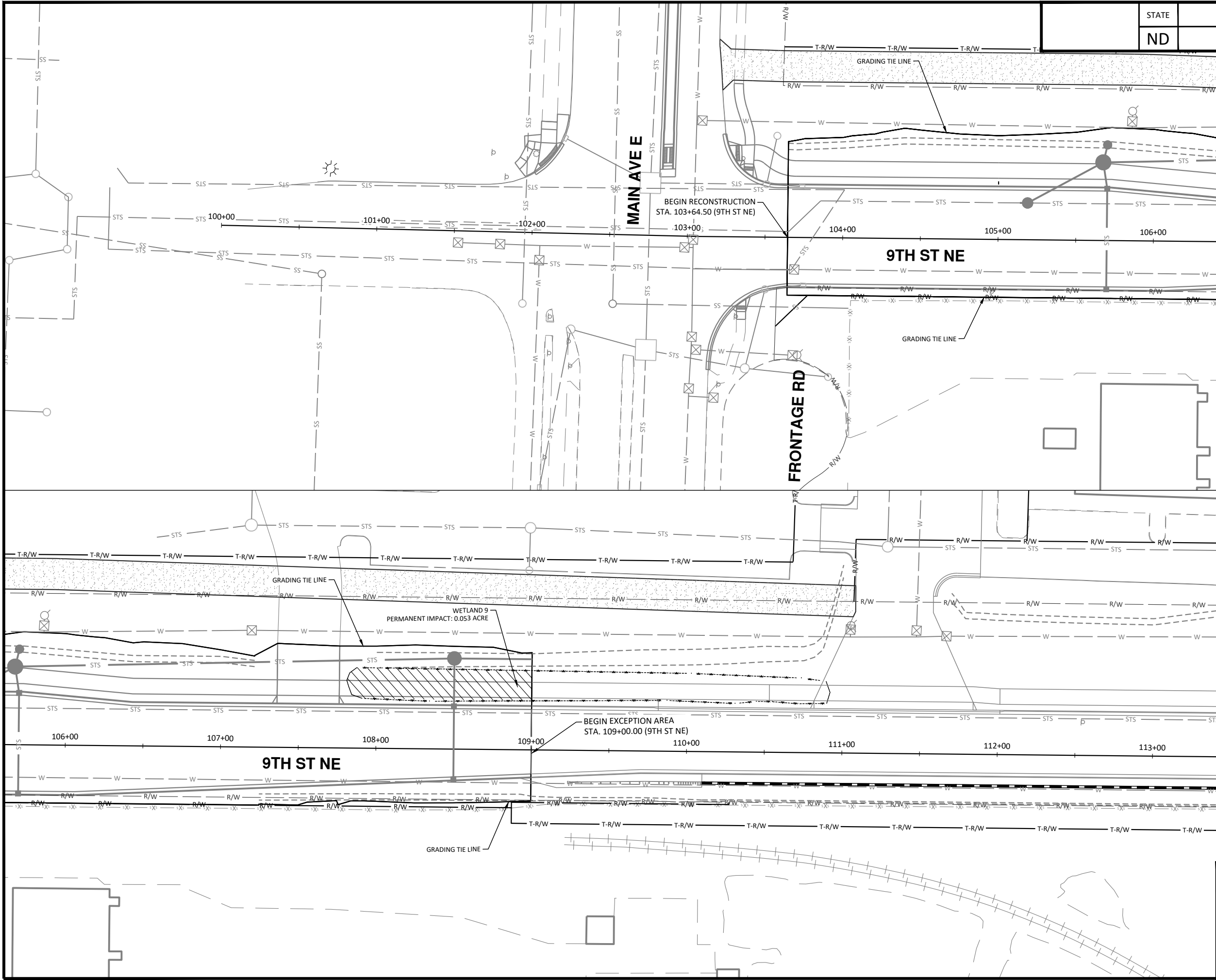


10/22/2025

Wetland Impact & Mitigation Table

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	75	2

Scale 30 0 30 60 Feet

LEGEND

PERMANENT IMPACT

TEMPORARY IMPACT

EXISTING R/W

PROPOSED RIGHT OF WAY

TEMPORARY RIGHT OF WAY

CITY OF WEST FARGO

HOUSTON engineering, inc.

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REGISTERED PROFESSIONAL ENGINEER

ADAM M. RUDD

PE-10407

DATE

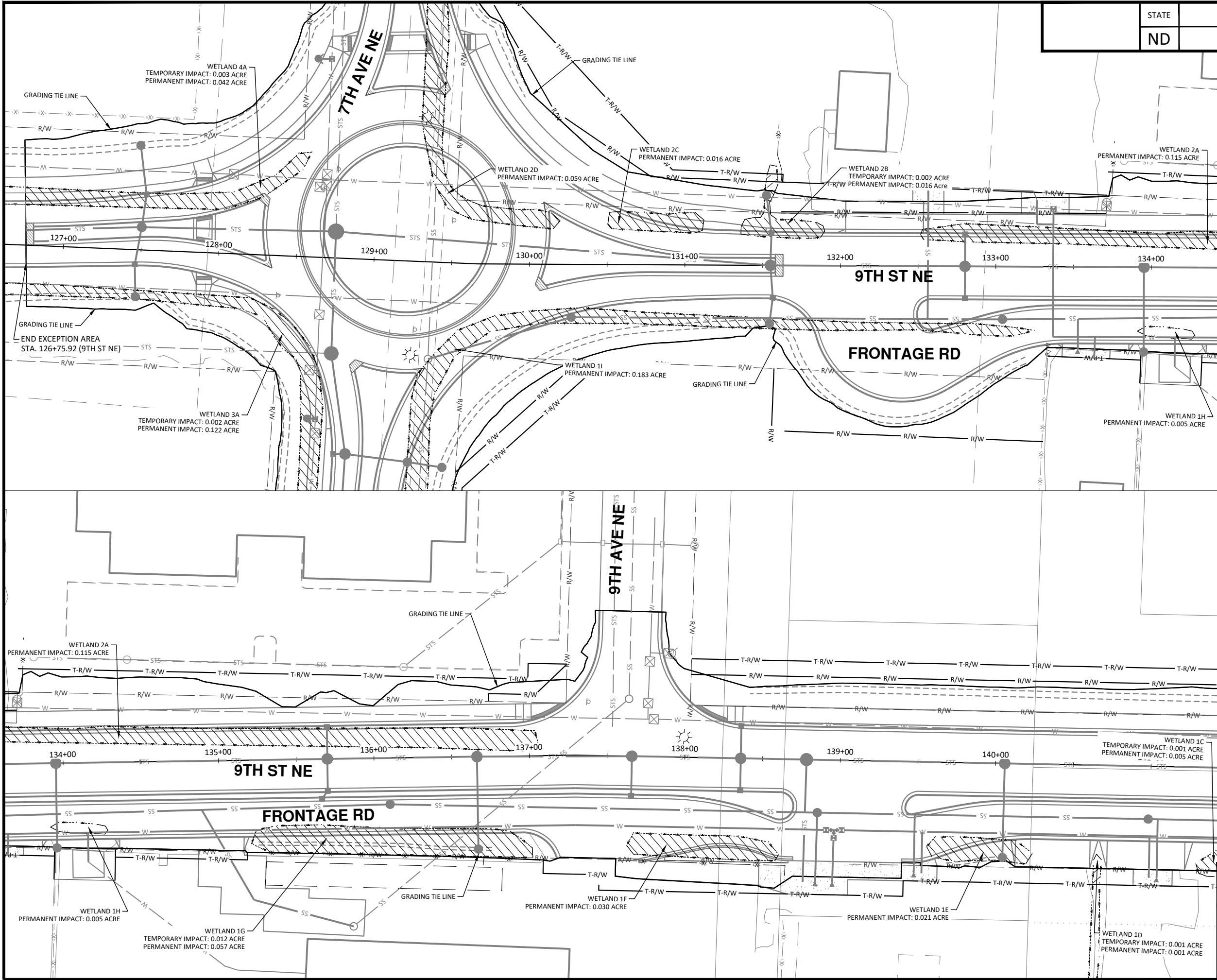
NORTH DAKOTA

10/22/2025

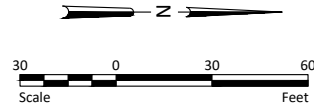
Wetland Impacts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	75	3



LEGEND	
PERMANENT IMPACT	
TEMPORARY IMPACT	
EXISTING R/W	
PROPOSED RIGHT OF WAY	
TEMPORARY RIGHT OF WAY	



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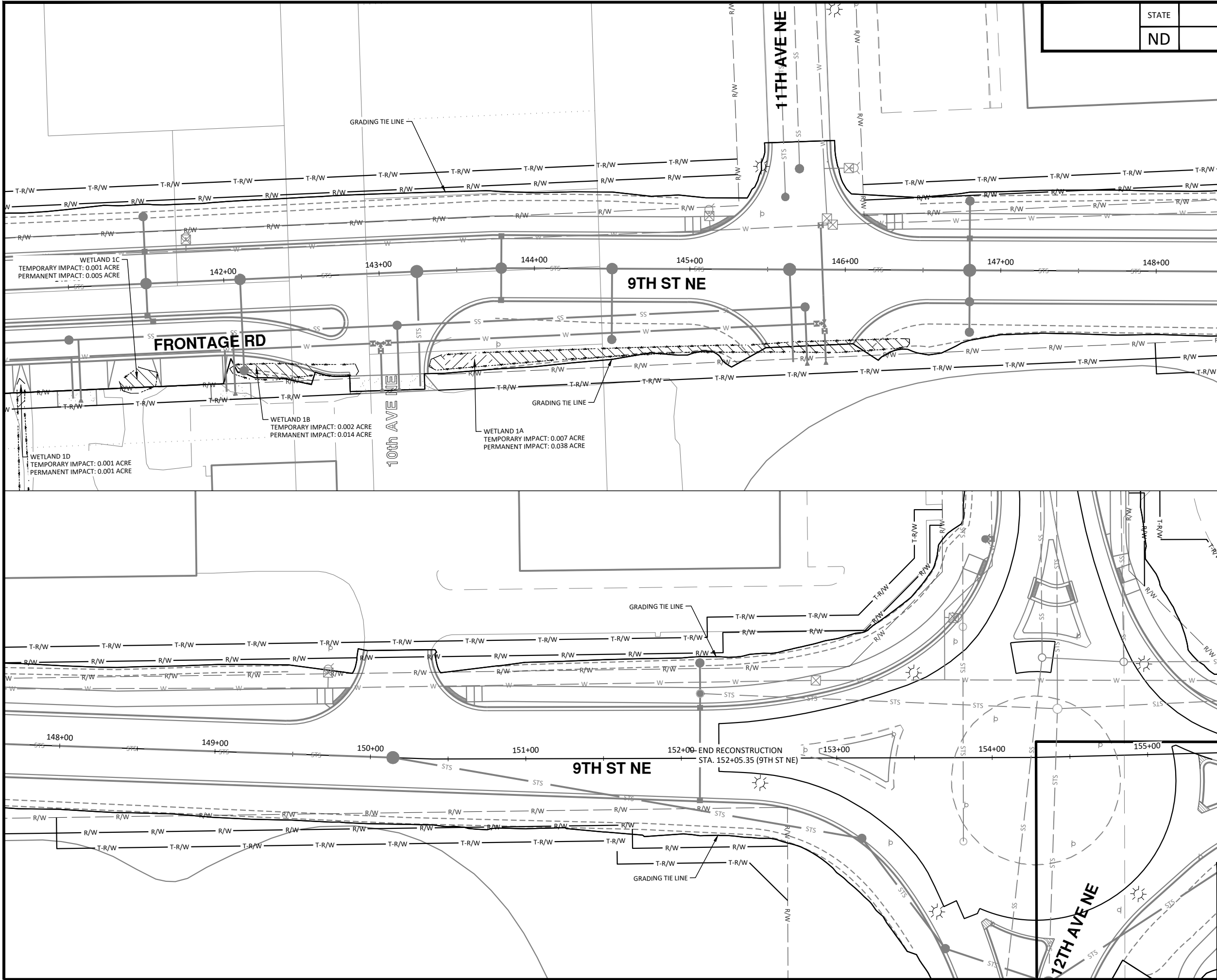


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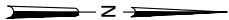
Wetland Impacts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	75	4


30 0 30 60
Scale Feet

LEGEND

PERMANENT IMPACT

TEMPORARY IMPACT

EXISTING R/W

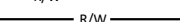
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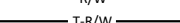
TEMPORARY RIGHT OF WAY





 R/W

 R/W

 T-R/W



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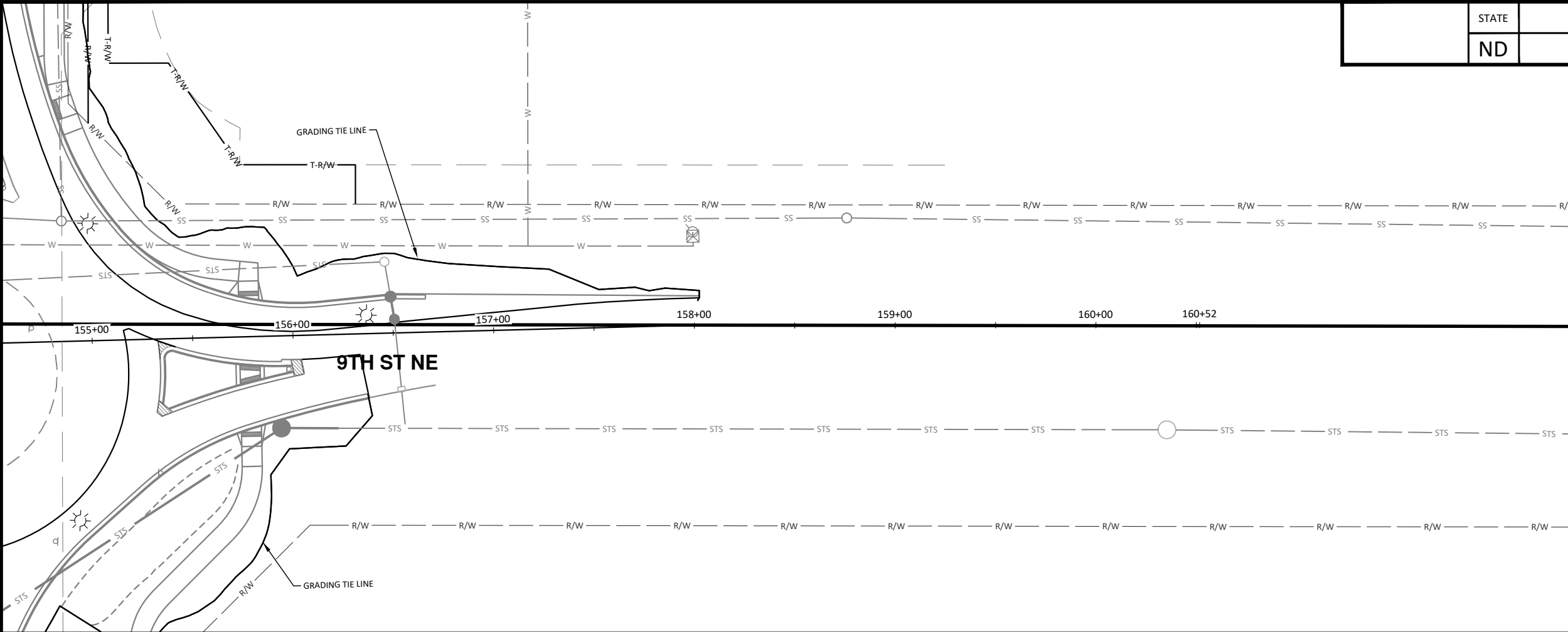


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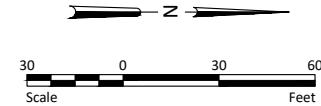
Wetland Impacts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	75	5



LEGEND	
PERMANENT IMPACT	
TEMPORARY IMPACT	
EXISTING R/W	
PROPOSED RIGHT OF WAY	
TEMPORARY RIGHT OF WAY	



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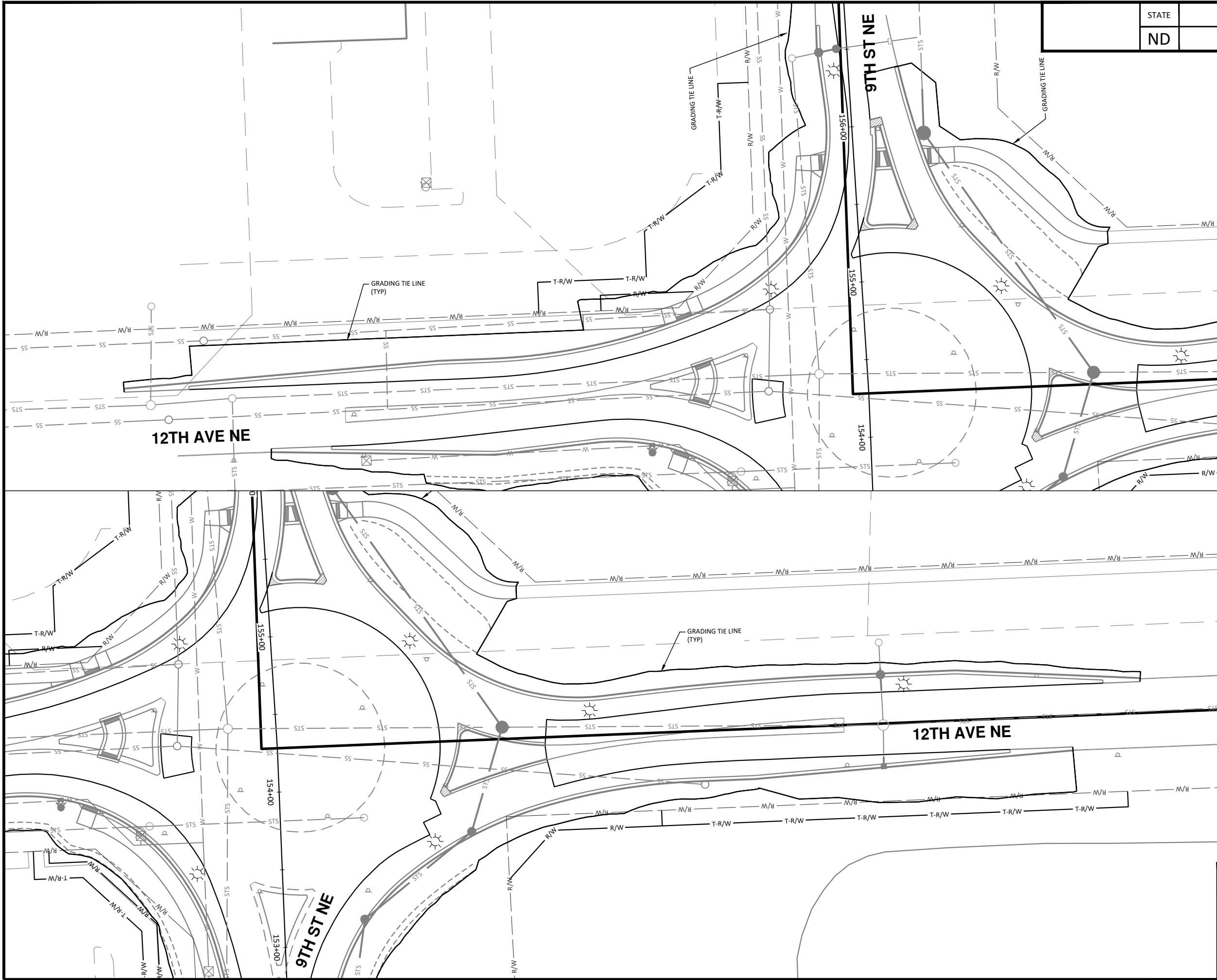


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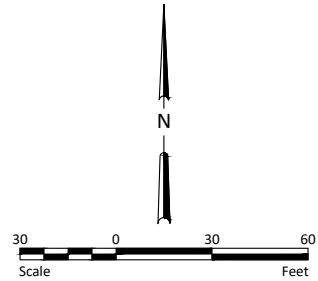
Wetland Impacts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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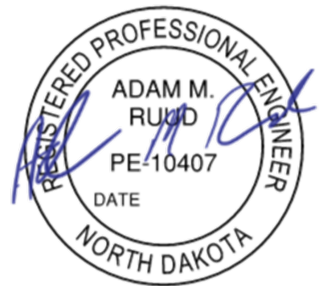
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	75	6



LEGEND	
PERMANENT IMPACT	
TEMPORARY IMPACT	
EXISTING R/W	
PROPOSED RIGHT OF WAY	
TEMPORARY RIGHT OF WAY	



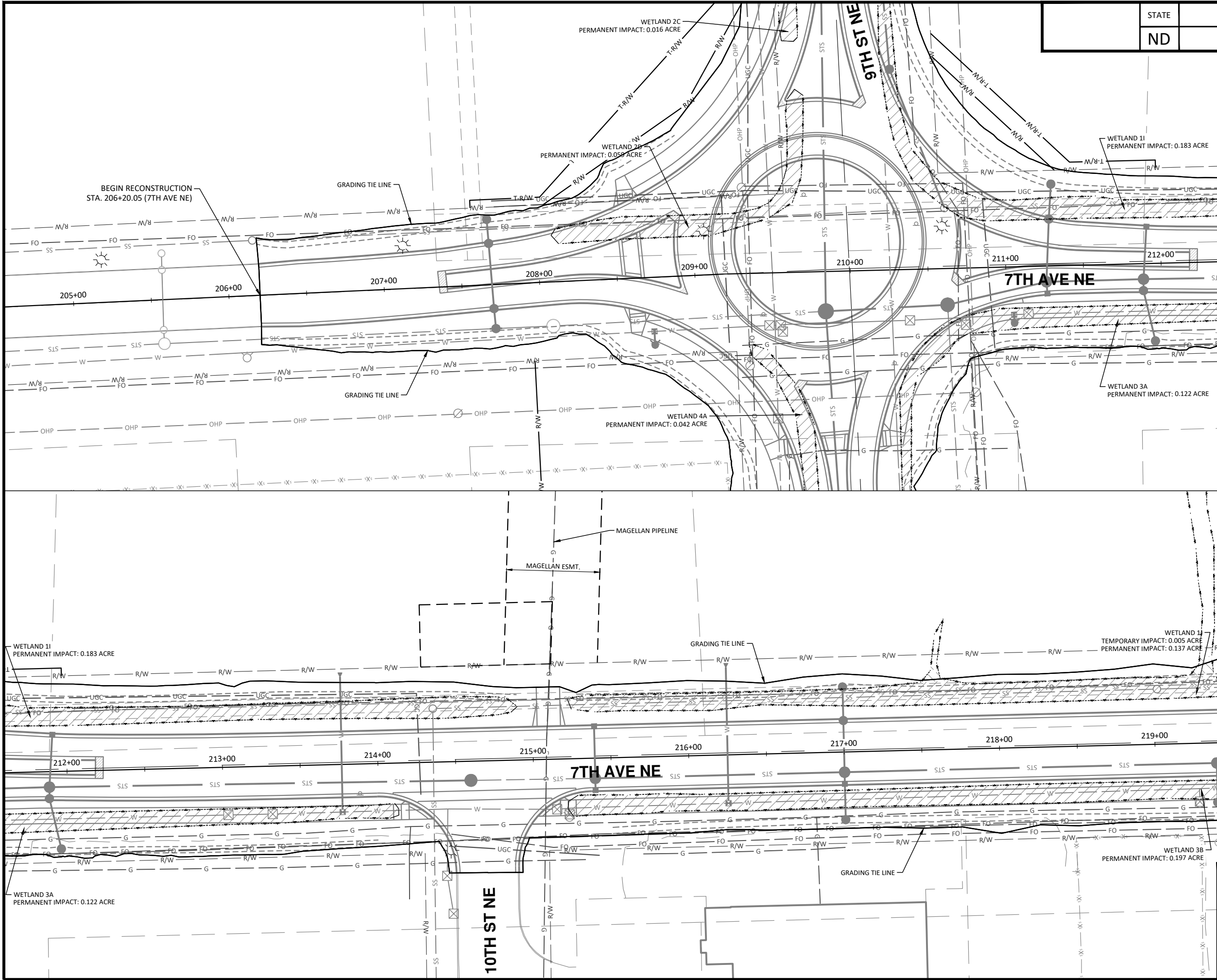
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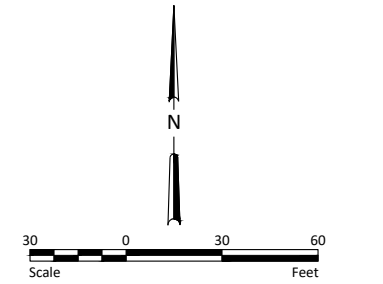
Wetland Impacts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	75	7

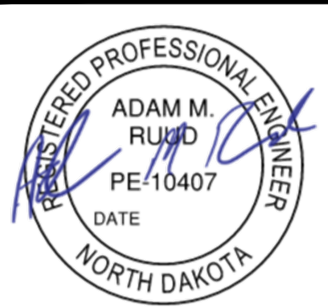


LEGEND	
PERMANENT IMPACT	
TEMPORARY IMPACT	
EXISTING R/W	
PROPOSED RIGHT OF WAY	
TEMPORARY RIGHT OF WAY	

WARNING
HIGH-PRESSURE PIPELINE(S)
Excavation and/or Construction Prohibited
Without compliance with **State One-Call**, AND
Without Written Permission From
MAGELLAN PIPELINE COMPANY, L.P.
A MAGELLAN REPRESENTATIVE MUST BE PRESENT DURING WORK AROUND PIPELINE(S)



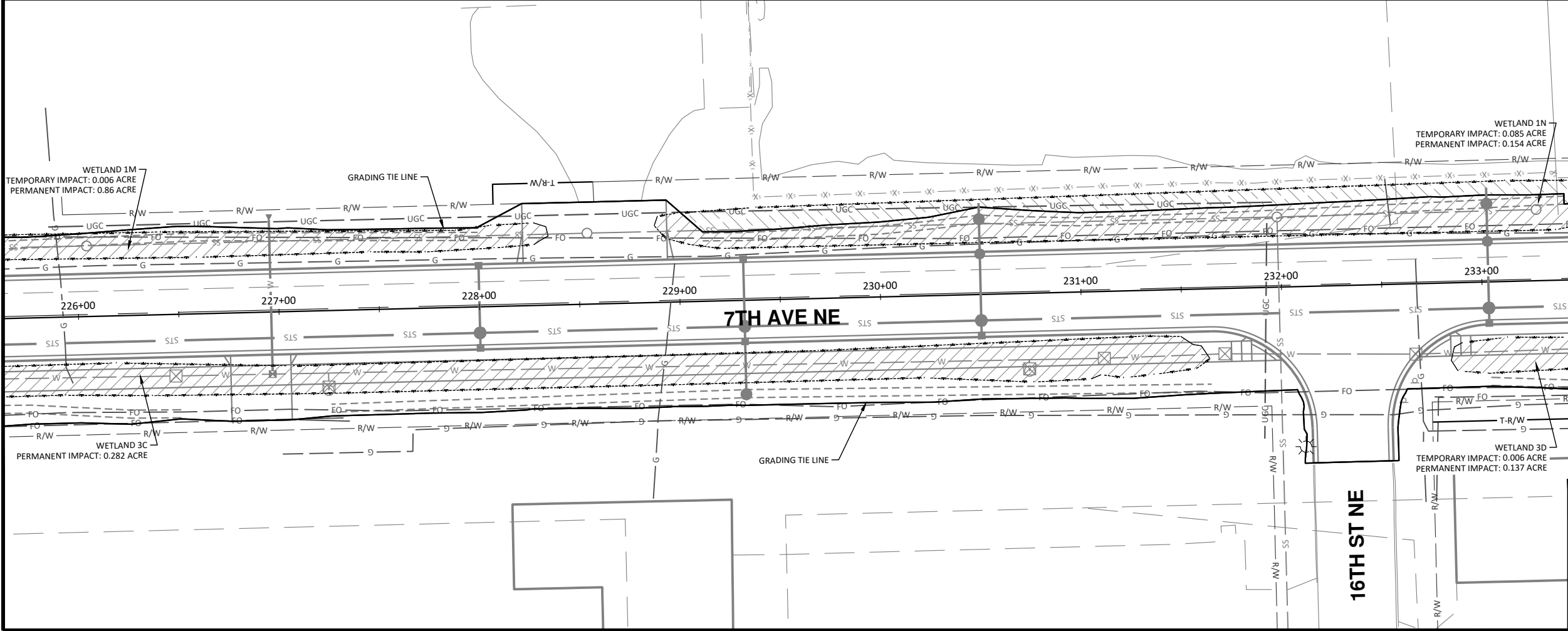
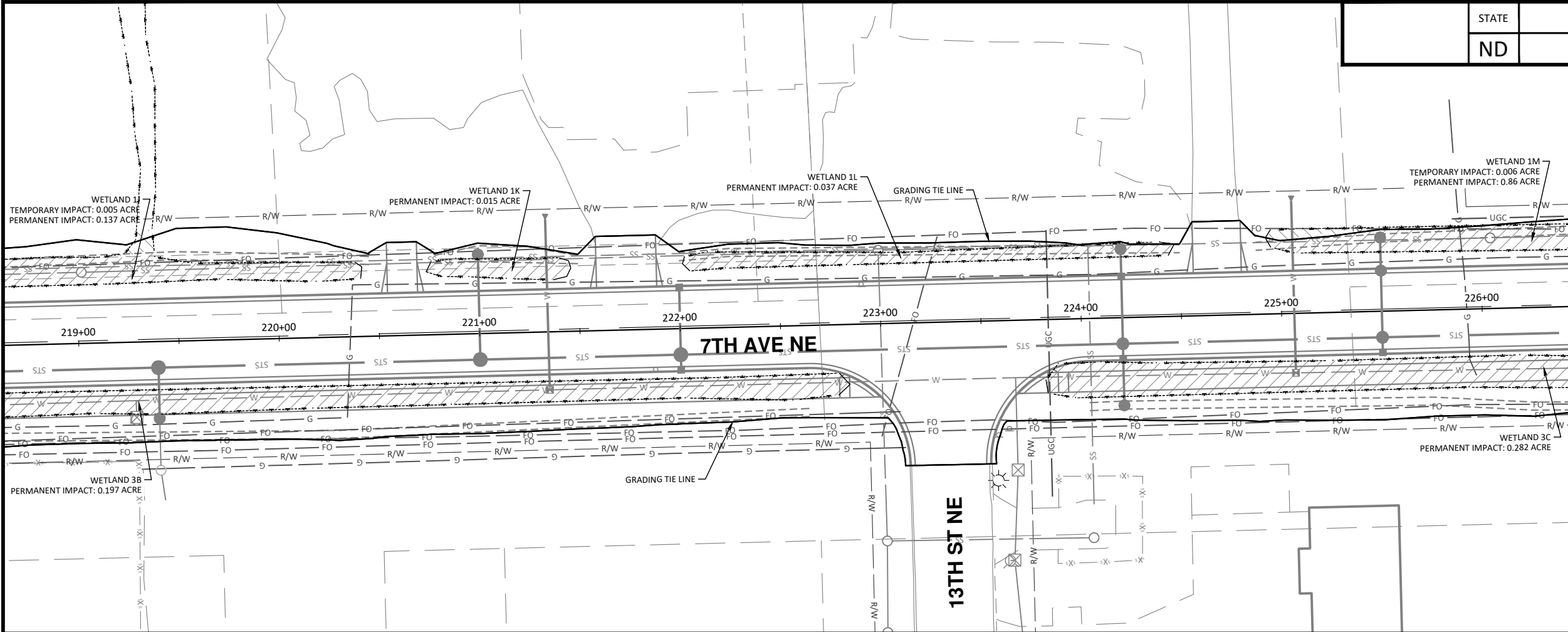
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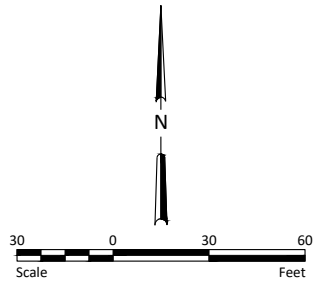
Wetland Impacts - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	75	8



LEGEND	
PERMANENT IMPACT	
TEMPORARY IMPACT	
EXISTING R/W	
PROPOSED RIGHT OF WAY	
TEMPORARY RIGHT OF WAY	



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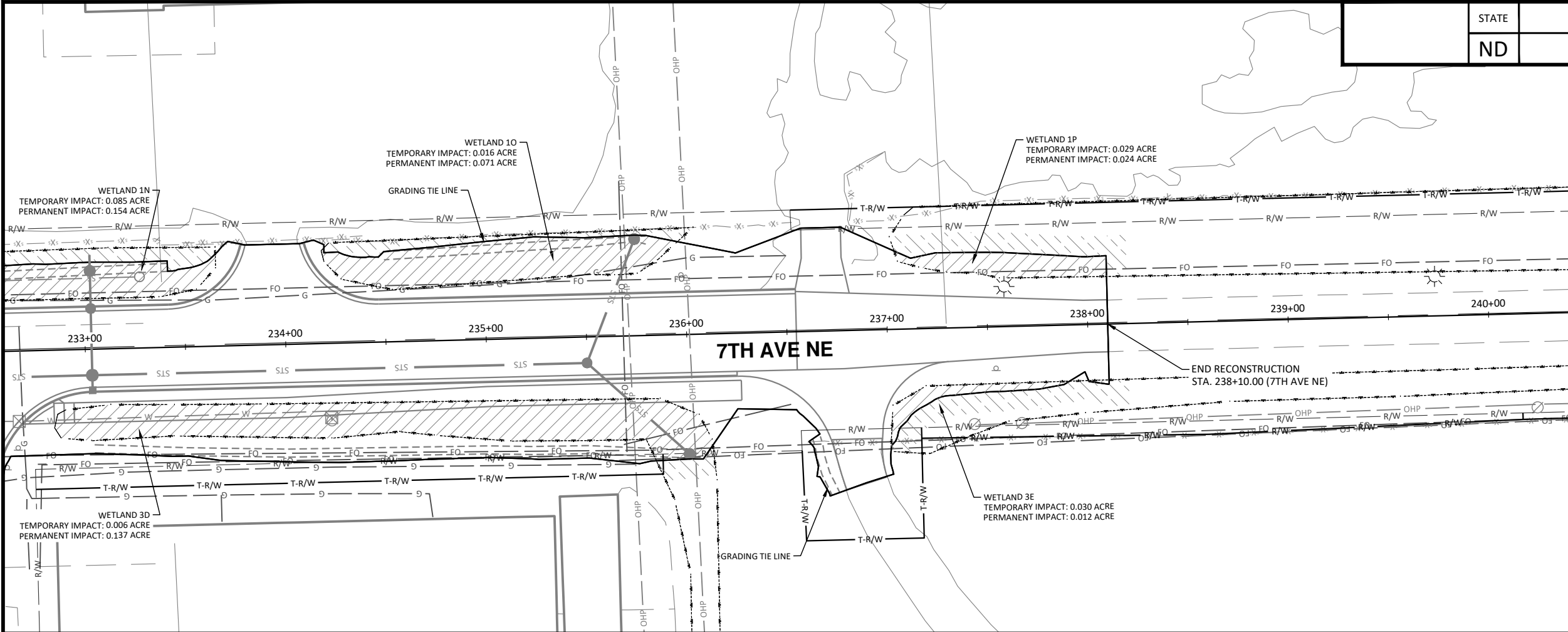


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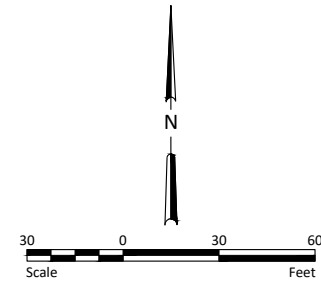
Wetland Impacts - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	75	9



LEGEND	
PERMANENT IMPACT	
TEMPORARY IMPACT	
EXISTING R/W	
PROPOSED RIGHT OF WAY	
TEMPORARY RIGHT OF WAY	



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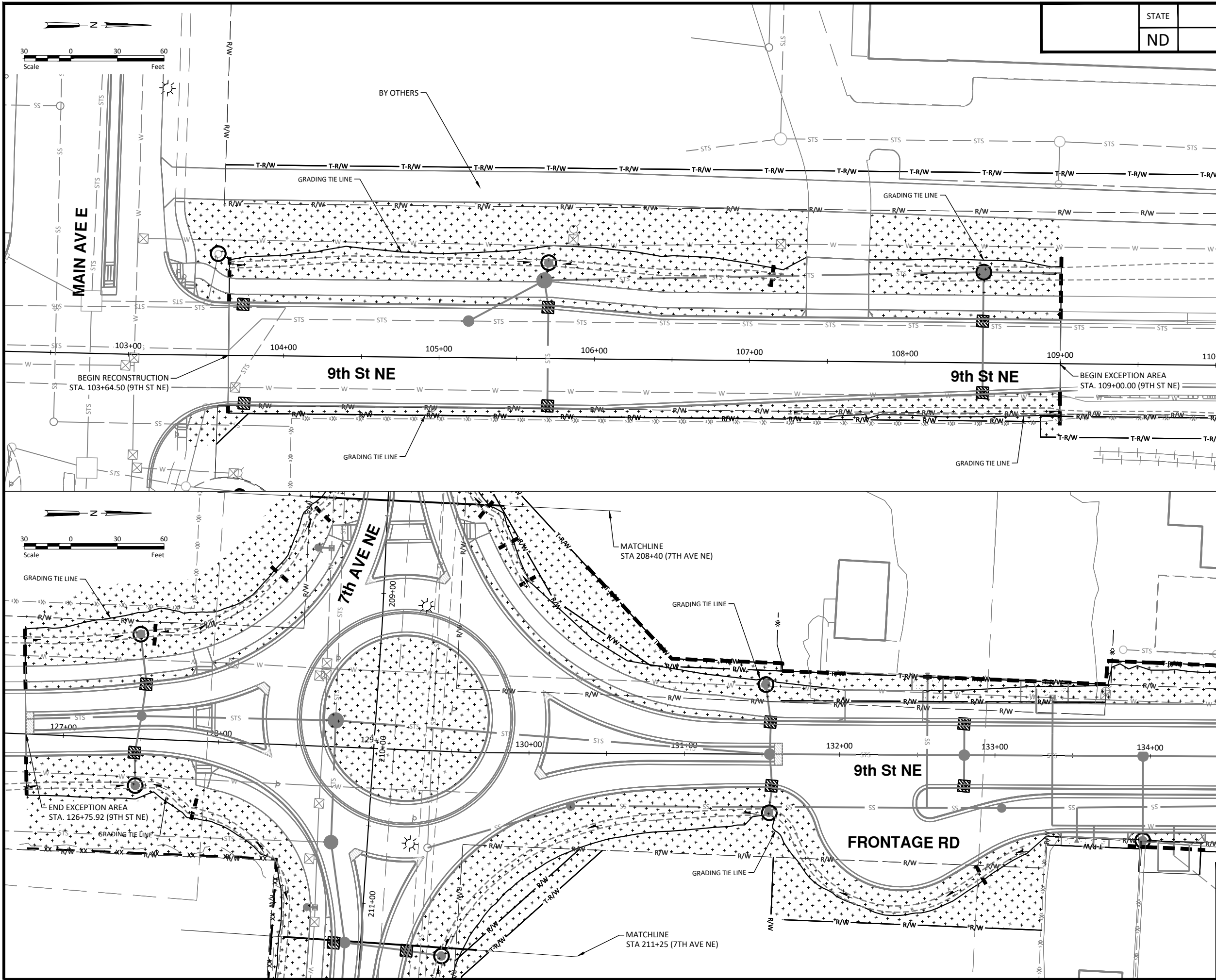


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Wetland Impacts - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	76	1

SPEC CODE	BID ITEM	QTY	UNIT
251	2000 TEMPORARY COVER CROP Sta 103+64.50 to Sta 109+00 (Pr_9thSt) Sta 126+75.92 to Sta 134+00 (Pr_9thSt)	0.80 1.40	ACRE ACRE
253	201 HYDRAULIC MULCH Sta 103+64.50 to Sta 109+00 (Pr_9thSt) Sta 126+75.92 to Sta 134+00 (Pr_9thSt)	0.80 1.40	ACRE ACRE
260	100 SILT FENCE UNSUPPORTED Sta 126+75.92 to Sta 134+00 (Pr_9thSt)	211	LF
260	101 REMOVE SILT FENCE UNSUPPORTED Sta 126+75.92 to Sta 134+00 (Pr_9thSt)	211	LF
261	112 FIBER ROLLS 12IN Sta 103+64.50 to Sta 109+00 (Pr_9thSt) Sta 126+75.92 to Sta 134+00 (Pr_9thSt)	144 621	LF LF
261	113 REMOVE FIBER ROLLS 12IN Sta 103+64.50 to Sta 109+00 (Pr_9thSt) Sta 126+75.92 to Sta 134+00 (Pr_9thSt)	144 621	LF LF
708	1540 INLET PROTECTION-SPECIAL Sta 103+64.50 to Sta 109+00 (Pr_9thSt) Sta 126+75.92 to Sta 134+00 (Pr_9thSt)	6 6	EA EA
708	1541 REMOVAL INLET PROTECTION-SPECIAL Sta 103+64.50 to Sta 109+00 (Pr_9thSt) Sta 126+75.92 to Sta 134+00 (Pr_9thSt)	6 6	EA EA

LEGEND

EXISTING R/W	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
SILT FENCE UNSUPPORTED	— XX — XX —
FIBER ROLLS	— — — — —
INLET PROTECTION	⊠
INLET PROTECTION - 15 LF FIBER ROLL	○
TEMP. COVER CROP STRAW MULCH	+++++



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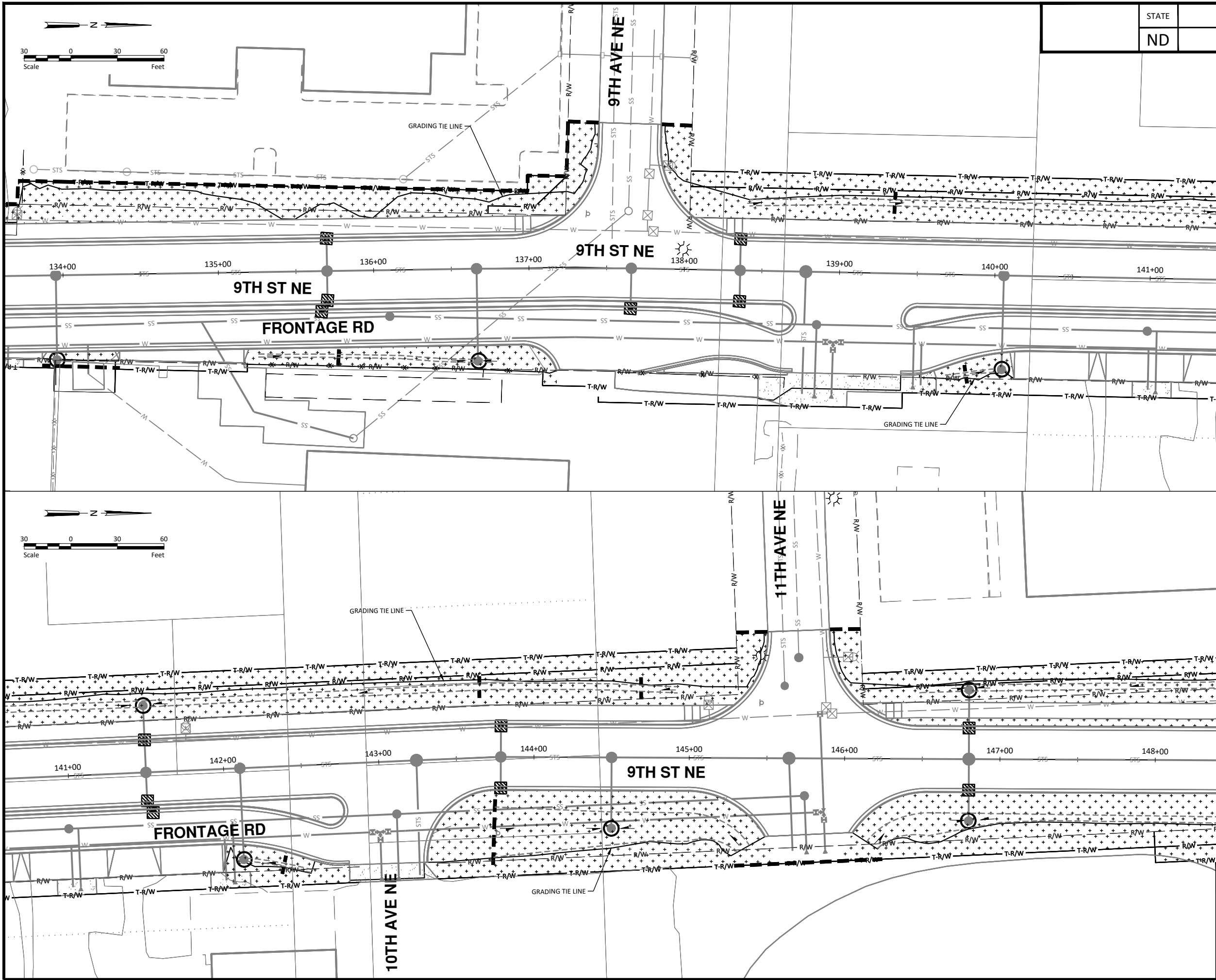


10/22/2025

Temporary Erosion Control - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\B\8600\865\8654_0004 9th St CAD\0_CITY PROJECT\Plans\076 - 9th St NE Temp Erosion Control.dwg-TEC (2)-10/2/2025 11:11 AM-(landresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	76	2

SPEC CODE	BID ITEM	QTY	UNIT
251	2000 TEMPORARY COVER CROP		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	0.50	ACRE
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	0.90	ACRE
253	201 HYDRAULIC MULCH		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	0.50	ACRE
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	0.90	ACRE
261	112 FIBER ROLLS 12IN		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	512	LF
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	292	LF
261	113 REMOVE FIBER ROLLS 12IN		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	512	LF
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	292	LF
708	1540 INLET PROTECTION-SPECIAL		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	6	EA
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	7	EA
708	1541 REMOVAL INLET PROTECTION-SPECIAL		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	6	EA
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	7	EA

LEGEND

EXISTING R/W	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
SILT FENCE UNSUPPORTED	— XX — XX
FIBER ROLLS	— — — — —
INLET PROTECTION	⊠
INLET PROTECTION - 15 LF FIBER ROLL	○
TEMP. COVER CROP STRAW MULCH	+ + + + +



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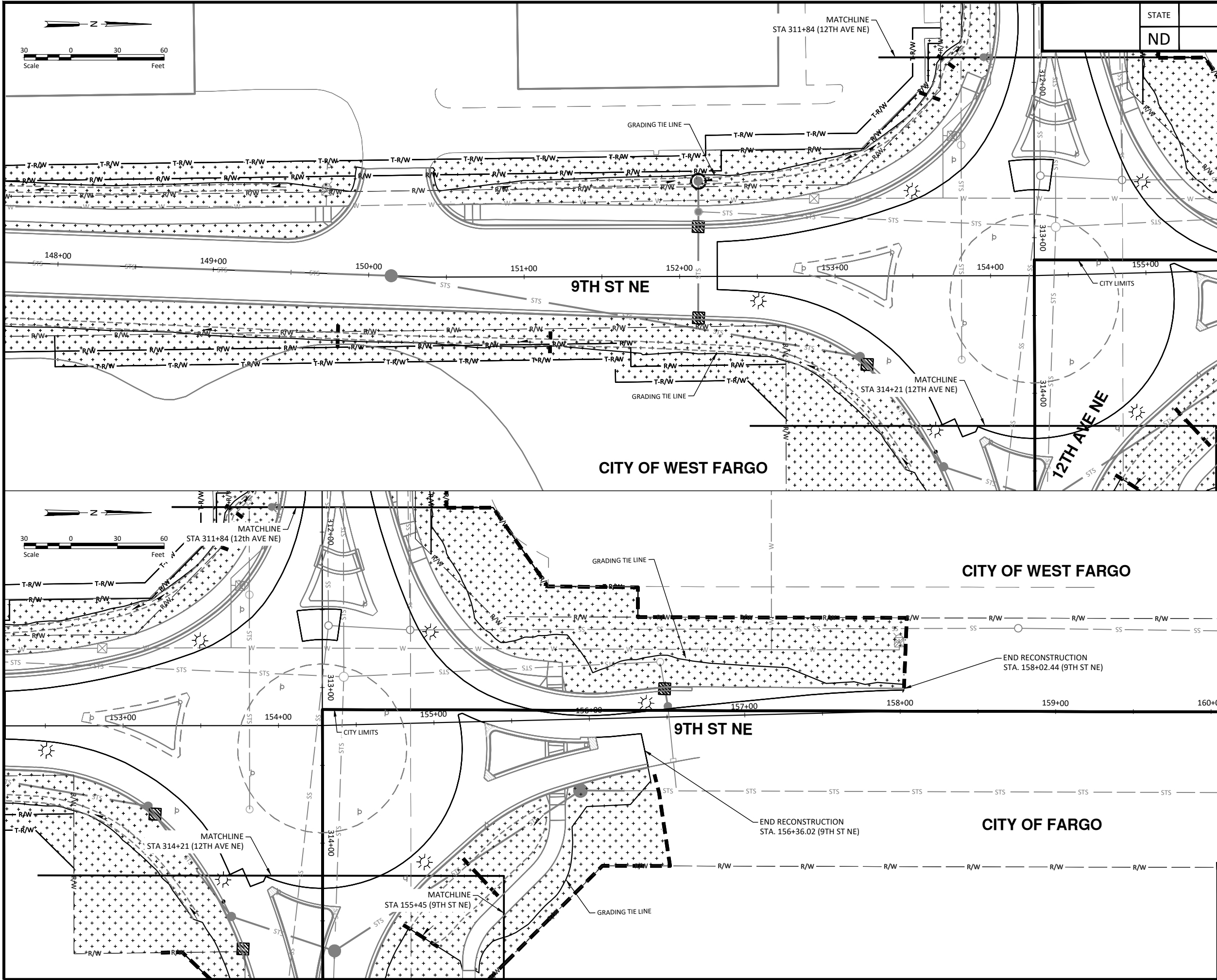


10/22/2025

Temporary Erosion Control - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\BN\8600\865\8654\0004 9th St NE.dwg- 9th St NE Temp Erosion Control.dwg-TEC (3)-10/27/2025 11:12 AM-(landresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	76	3

SPEC CODE	BID ITEM	QTY	UNIT
251	2000 TEMPORARY COVER CROP		
	Sta 148+00 to Sta 155+00 (Pr_9thSt)	0.88	ACRE
	Sta 155+00 to Sta 158+02.44 (Pr_9thSt)	0.55	ACRE
253	201 HYDRAULIC MULCH		
	Sta 148+00 to Sta 155+00 (Pr_9thSt)	0.88	ACRE
	Sta 155+00 to Sta 158+02.44 (Pr_9thSt)	0.55	ACRE
261	112 FIBER ROLLS 12IN		
	Sta 148+00 to Sta 155+00 (Pr_9thSt)	71	LF
	Sta 155+00 to Sta 158+02.44 (Pr_9thSt)	595	LF
261	113 REMOVE FIBER ROLLS 12IN		
	Sta 148+00 to Sta 155+00 (Pr_9thSt)	71	LF
	Sta 155+00 to Sta 158+02.44 (Pr_9thSt)	595	LF
708	1540 INLET PROTECTION-SPECIAL		
	Sta 148+00 to Sta 155+00 (Pr_9thSt)	3	EA
	Sta 155+00 to Sta 158+02.44 (Pr_9thSt)	1	EA
708	1541 REMOVAL INLET PROTECTION-SPECIAL		
	Sta 148+00 to Sta 155+00 (Pr_9thSt)	3	EA
	Sta 155+00 to Sta 158+02.44 (Pr_9thSt)	1	EA

LEGEND

EXISTING R/W	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
SILT FENCE UNSUPPORTED	— XX — XX —
FIBER ROLLS	— — — — —
INLET PROTECTION	⊠
INLET PROTECTION - 15 LF FIBER ROLL	○
TEMP. COVER CROP	+++++
STRAW MULCH	+++++



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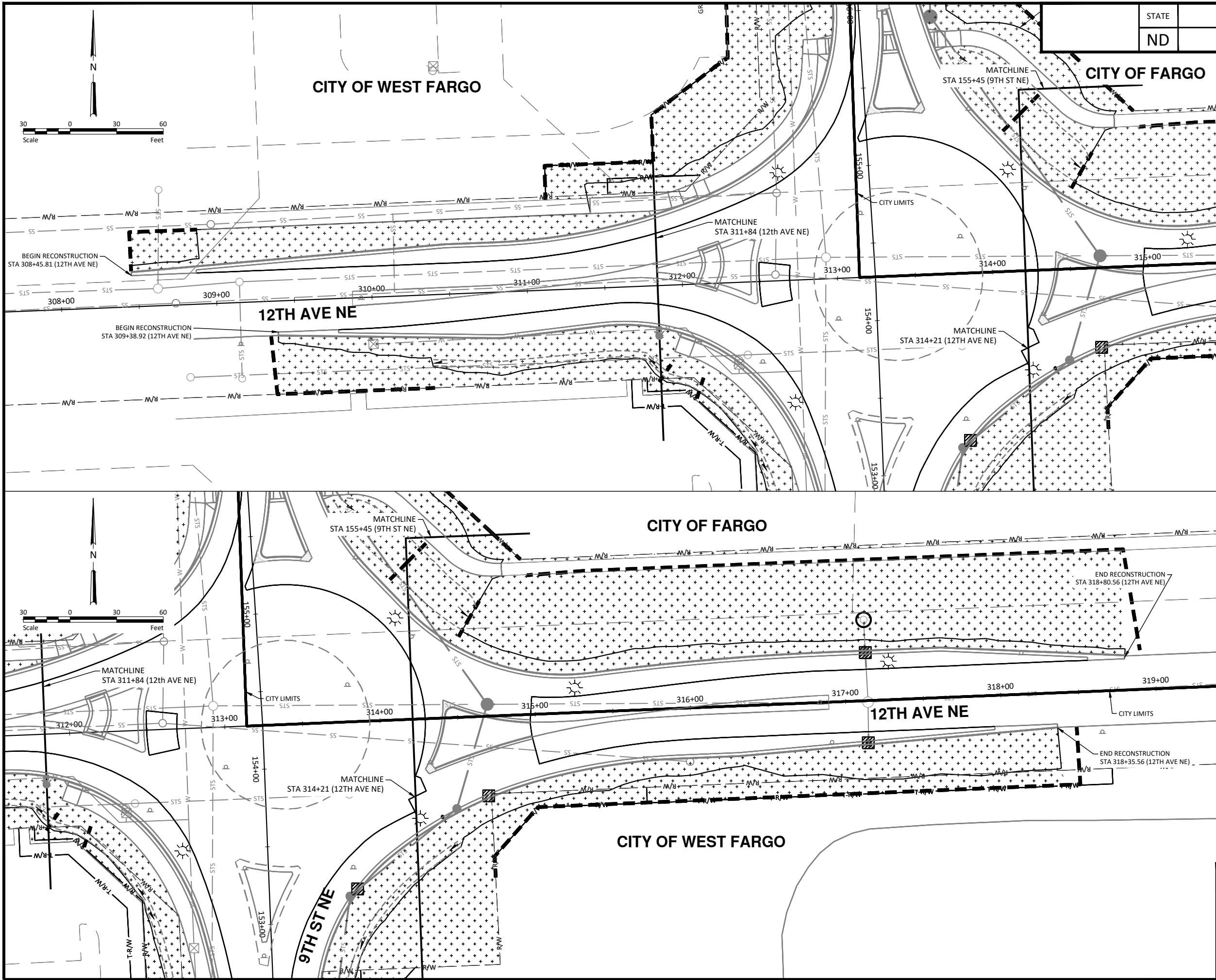


10/22/2025

Temporary Erosion Control - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\Houston\hrl\B\8600\865\8654_0004 9th St NE Temp Erosion Control.dwg-TEC (4)-10/2/2025 11:13 AM-(landresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	76	4

SPEC CODE	BID ITEM	QTY	UNIT
251	2000 TEMPORARY COVER CROP		
	Sta 308+45.81 to Sta 311+84 (Pr_12thAve)	0.36	ACRE
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	1.02	ACRE
253	201 HYDRAULIC MULCH		
	Sta 308+45.81 to Sta 311+84 (Pr_12thAve)	0.36	ACRE
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	1.02	ACRE
261	112 FIBER ROLLS 12IN		
	Sta 308+45.81 to Sta 311+84 (Pr_12thAve)	301	LF
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	976	LF
261	113 REMOVE FIBER ROLLS 12IN		
	Sta 308+45.81 to Sta 311+84 (Pr_12thAve)	301	LF
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	976	LF
708	1540 INLET PROTECTION-SPECIAL		
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	3	EA
708	1541 REMOVAL INLET PROTECTION-SPECIAL		
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	3	EA

LEGEND

EXISTING R/W	R/W
PROPOSED RIGHT OF WAY	R/W
TEMPORARY RIGHT OF WAY	T-R/W
SILT FENCE UNSUPPORTED	XX XX
FIBER ROLLS	-----
INLET PROTECTION	▨
INLET PROTECTION - 15 LF FIBER ROLL	○
TEMP. COVER CROP STRAW MULCH	+++++



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

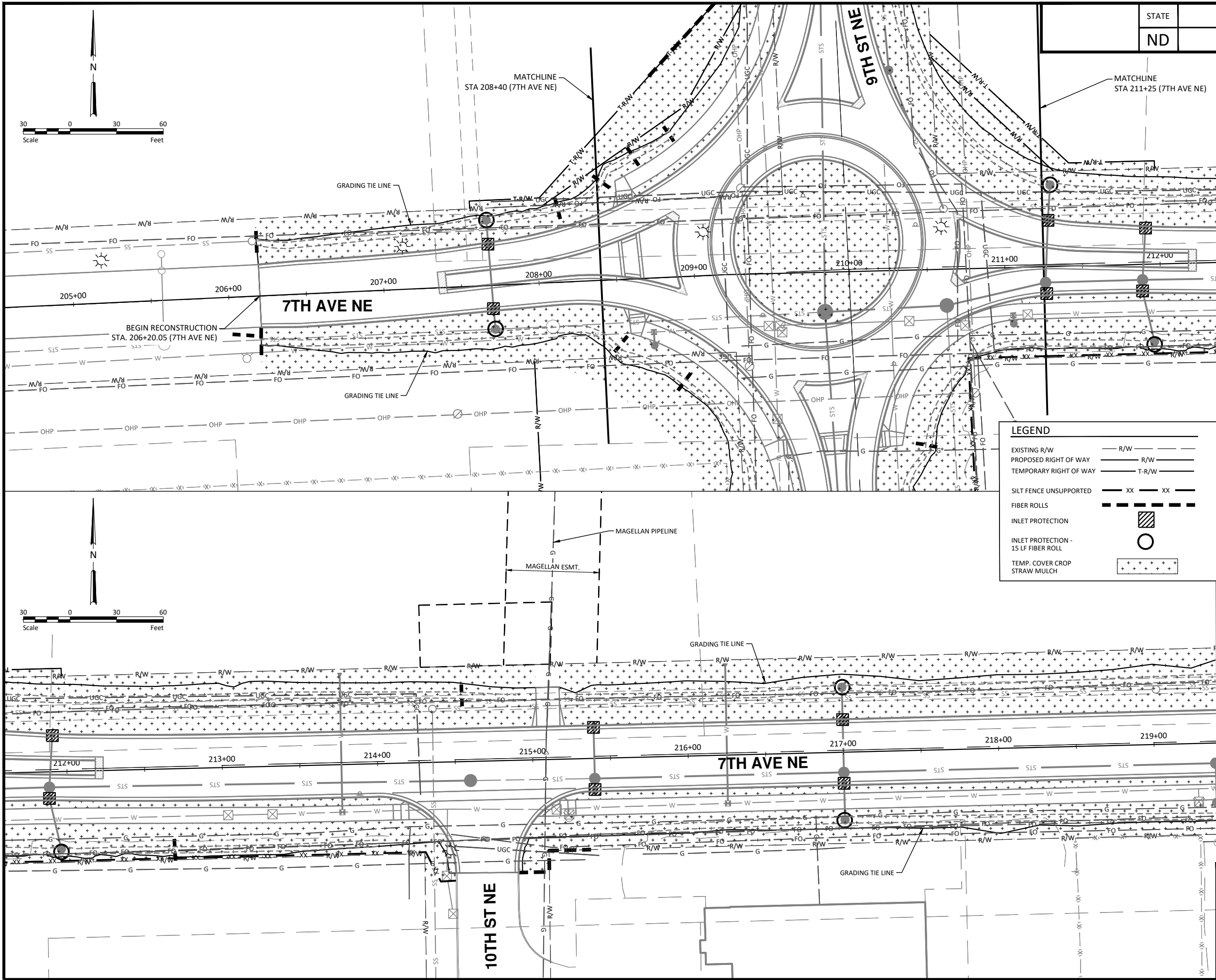


10/22/2025

Temporary Erosion Control - 12th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\houston\8600\865\1865\0004 9th St CAD\0 - CITY PROJECT\Plans\076 - 7th Ave NE Temp Erosion Control.dwg-TEC (5)-10/22/2025 11:14 AM-(jandresen)



STATE		PROJECT NO.	SECTION NO.	SHEET NO.
ND		TMA-SU-FXP-8-992(045)	76	5

SPEC CODE	BID ITEM	QTY	UNIT
251	2000 TEMPORARY COVER CROP		
	Sta 206+20.05 to Sta 208+40 (Pr_7thAve)	0.31	ACRE
	Sta 211+25 to Sta 212+00 (Pr_7thAve)	0.12	ACRE
	Sta 212+00 to Sta 219+00 (Pr_7thAve)	1.03	ACRE
253	201 HYDRAULIC MULCH		
	Sta 206+20.05 to Sta 208+40 (Pr_7thAve)	0.31	ACRE
	Sta 211+25 to Sta 212+00 (Pr_7thAve)	0.12	ACRE
	Sta 212+00 to Sta 219+00 (Pr_7thAve)	1.03	ACRE
260	100 SILT FENCE UNSUPPORTED		
	Sta 211+25 to Sta 212+00 (Pr_7thAve)	75	LF
	Sta 212+00 to Sta 219+00 (Pr_7thAve)	261	LF
260	101 REMOVE SILT FENCE UNSUPPORTED		
	Sta 211+25 to Sta 212+00 (Pr_7thAve)	75	LF
	Sta 212+00 to Sta 219+00 (Pr_7thAve)	261	LF
261	112 FIBER ROLLS 12IN		
	Sta 206+20.05 to Sta 208+40 (Pr_7thAve)	90	LF
	Sta 211+25 to Sta 212+00 (Pr_7thAve)	30	LF
	Sta 212+00 to Sta 219+00 (Pr_7thAve)	118	LF
261	113 REMOVE FIBER ROLLS 12IN		
	Sta 206+20.05 to Sta 208+40 (Pr_7thAve)	90	LF
	Sta 211+25 to Sta 212+00 (Pr_7thAve)	30	LF
	Sta 212+00 to Sta 219+00 (Pr_7thAve)	118	LF
708	1540 INLET PROTECTION-SPECIAL		
	Sta 206+20.05 to Sta 208+40 (Pr_7thAve)	2	EA
	Sta 211+25 to Sta 212+00 (Pr_7thAve)	4	EA
	Sta 212+00 to Sta 219+00 (Pr_7thAve)	4	EA
708	1541 REMOVAL INLET PROTECTION-SPECIAL		
	Sta 206+20.05 to Sta 208+40 (Pr_7thAve)	2	EA
	Sta 211+25 to Sta 212+00 (Pr_7thAve)	4	EA
	Sta 212+00 to Sta 219+00 (Pr_7thAve)	4	EA

WARNING

HIGH-PRESSURE PIPELINE(S)

Excavation and/or Construction Prohibited

Without compliance with State One-Call, AND

Without Written Permission From

MAGELLAN PIPELINE COMPANY, L.P.

A MAGELLAN REPRESENTATIVE MUST BE PRESENT DURING WORK AROUND PIPELINE(S)

CITY OF WEST FARGO

HOUSTON engineering, inc.

ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

REGISTERED PROFESSIONAL ENGINEER

ADAM M. RUDD

PE-10407

DATE

NORTH DAKOTA

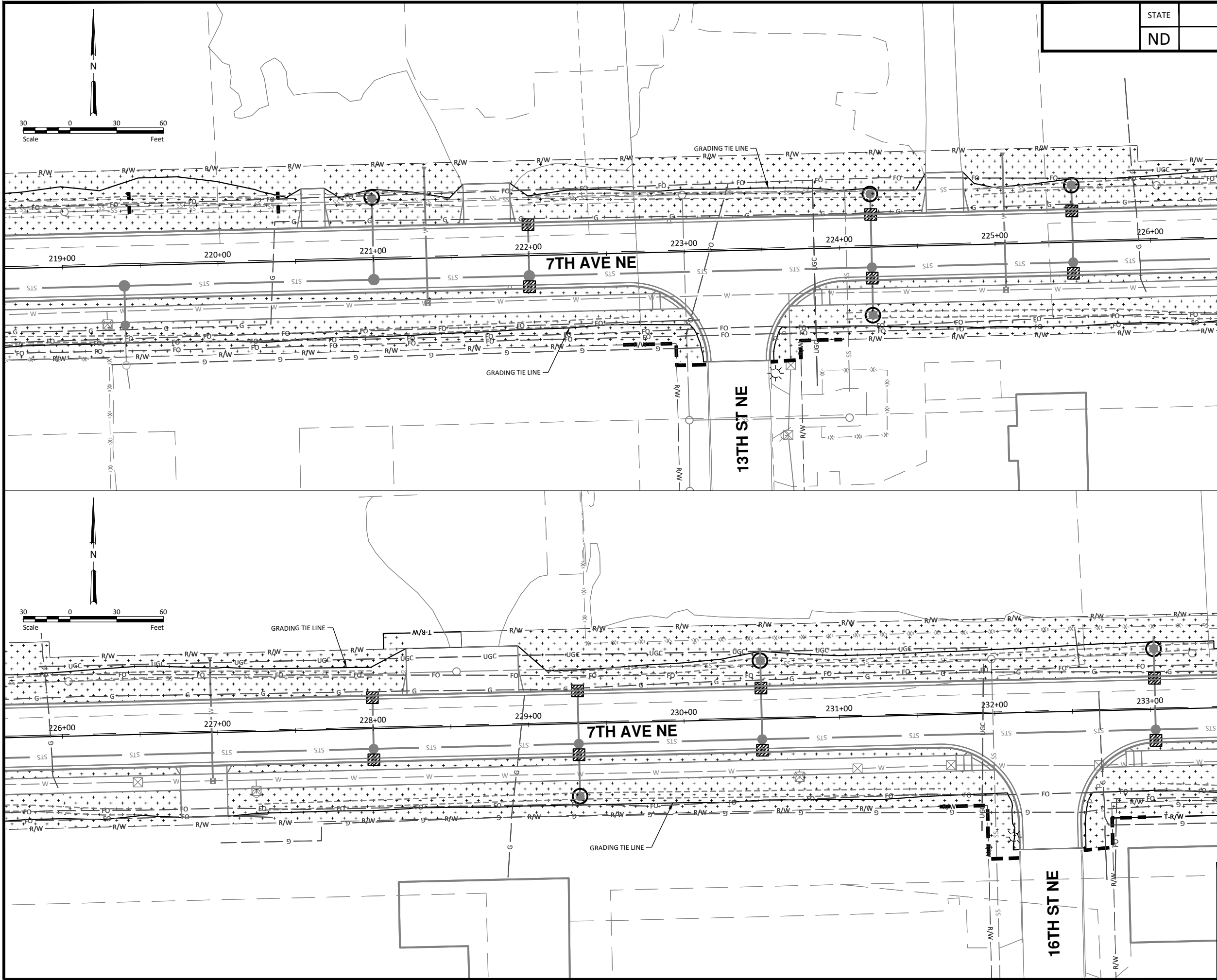
10/22/2025

Temporary Erosion Control - 7th Ave NE

9th St NE from Main Ave to 12th Ave N

7th Ave NE from 9th St NE to City Limit

\\houston\houston\8600\8654\8654_0004 9th St CAD\0 - CITY PROJECT\Plans\076 - 7th Ave NE Temp Erosion Control.dwg-TEC (6-10-22/2025 11:14 AM -jandresen)



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	76	6

SPEC	CODE	BID ITEM	QTY	UNIT
251	2000	TEMPORARY COVER CROP		
		Sta 219+00 to Sta 226+00 (Pr_7thAve)	0.98	ACRE
		Sta 226+00 to Sta 233+00 (Pr_7thAve)	0.93	ACRE
253	201	HYDRAULIC MULCH		
		Sta 219+00 to Sta 226+00 (Pr_7thAve)	0.98	ACRE
		Sta 226+00 to Sta 233+00 (Pr_7thAve)	0.93	ACRE
261	112	FIBER ROLLS 12IN		
		Sta 219+00 to Sta 226+00 (Pr_7thAve)	214	LF
		Sta 226+00 to Sta 233+00 (Pr_7thAve)	174	LF
261	113	REMOVE FIBER ROLLS 12IN		
		Sta 219+00 to Sta 226+00 (Pr_7thAve)	214	LF
		Sta 226+00 to Sta 233+00 (Pr_7thAve)	174	LF
708	1540	INLET PROTECTION-SPECIAL		
		Sta 219+00 to Sta 226+00 (Pr_7thAve)	6	EA
		Sta 226+00 to Sta 233+00 (Pr_7thAve)	6	EA
708	1541	REMOVAL INLET PROTECTION-SPECIAL		
		Sta 219+00 to Sta 226+00 (Pr_7thAve)	6	EA
		Sta 226+00 to Sta 233+00 (Pr_7thAve)	6	EA

LEGEND	
EXISTING R/W	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
SILT FENCE UNSUPPORTED	— XX — XX —
FIBER ROLLS	— — — — —
INLET PROTECTION	▨
INLET PROTECTION - 15 LF FIBER ROLL	○
TEMP. COVER CROP STRAW MULCH	+ + + + +



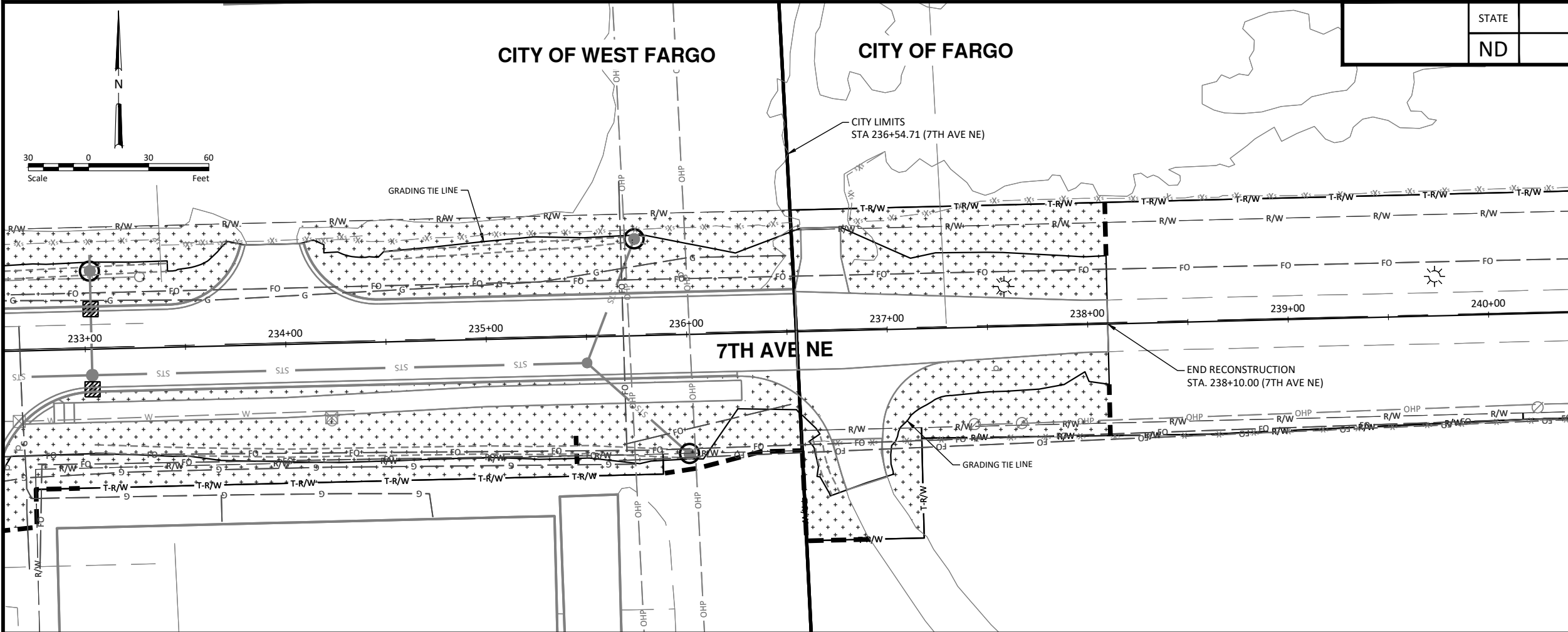
ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



Temporary Erosion Control - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hnl\BN\8600\865\18654_0004 9th St NE Temp Erosion Control.dwg-TEC (7)-10/22/2025 11:15 AM-(jandresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	76	7

SPEC CODE	BID ITEM	QTY	UNIT
251 2000	TEMPORARY COVER CROP Sta 233+00 to Sta 238+00 (Pr_7thAve)	0.86	ACRE
253 201	HYDRAULIC MULCH Sta 233+00 to Sta 238+00 (Pr_7thAve)	0.86	ACRE
261 112	FIBER ROLLS 12IN Sta 233+00 to Sta 238+00 (Pr_7thAve)	259	LF
261 113	REMOVE FIBER ROLLS 12IN Sta 233+00 to Sta 238+00 (Pr_7thAve)	259	LF
708 1540	INLET PROTECTION-SPECIAL Sta 233+00 to Sta 238+00 (Pr_7thAve)	2	EA
708 1541	REMOVAL INLET PROTECTION-SPECIAL Sta 233+00 to Sta 238+00 (Pr_7thAve)	2	EA

LEGEND

EXISTING R/W	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
SILT FENCE UNSUPPORTED	— XX — XX —
FIBER ROLLS	— — — — —
INLET PROTECTION	⊠
INLET PROTECTION - 15 LF FIBER ROLL	○
TEMP. COVER CROP STRAW MULCH	+ + + + +



ALL ELEVATIONS ARE BASED ON
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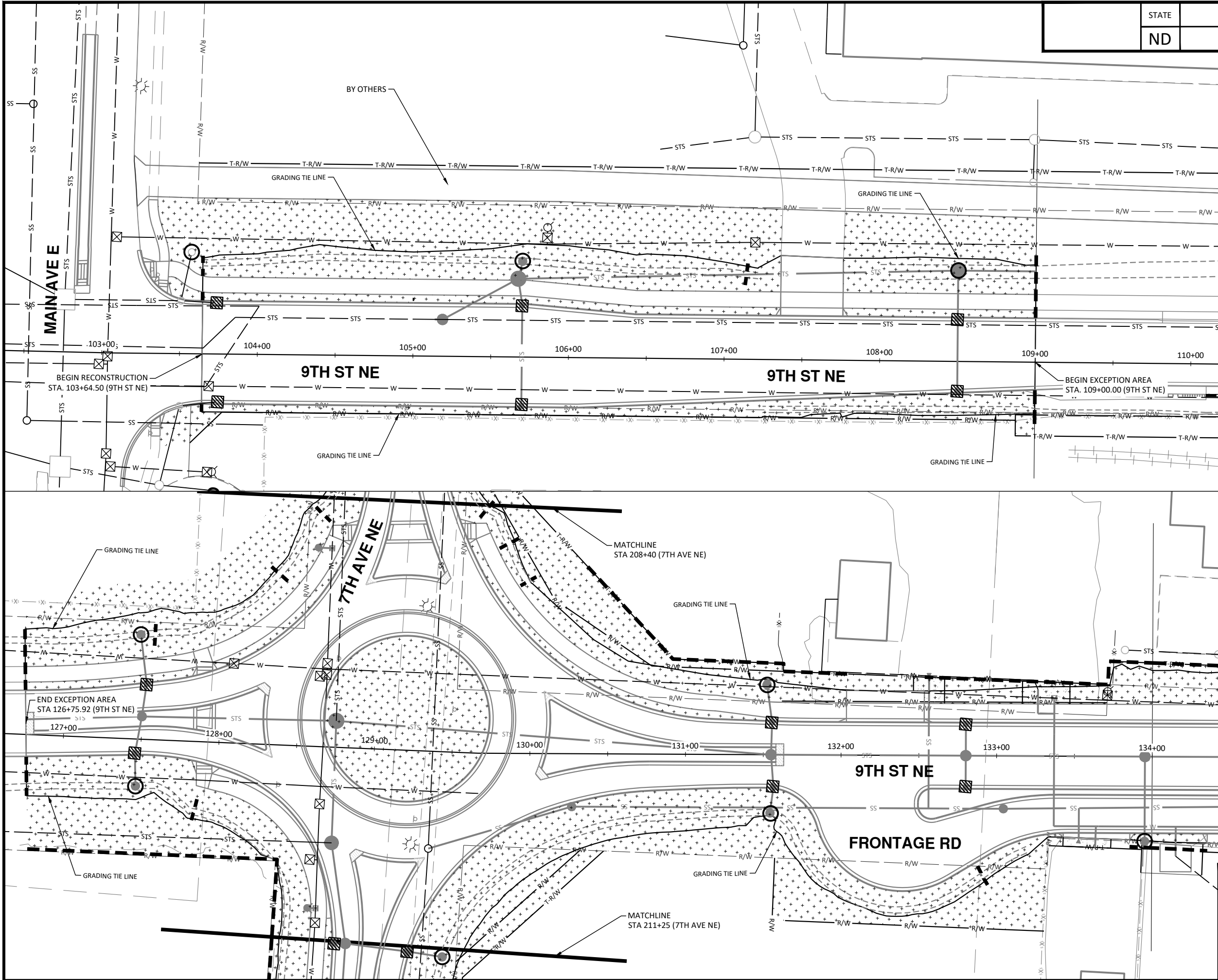


10/22/2025

Temporary Erosion Control - 7th Ave NE

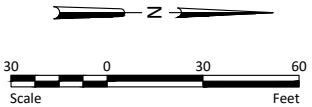
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\houston\8600\8654\8654_0004 9th St CAD\0 - CITY PROJECT\Plans\077 - 9th St NE Perm Erosion Control.dwg-PEC (1-10/22/2025 9:58 AM-jandresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	77	1

SPEC CODE	BID ITEM	QTY	UNIT
251 300	SEEDING CLASS III Sta 103+64.50 to Sta 109+00 (Pr_9thSt) Sta 126+75.92 to Sta 134+00 (Pr_9thSt)	0.80 1.40	ACRE ACRE
253 301	BONDED FIBER MATRIX Sta 103+64.50 to Sta 109+00 (Pr_9thSt) Sta 126+75.92 to Sta 134+00 (Pr_9thSt)	0.80 1.40	ACRE ACRE
261 112	FIBER ROLLS 12IN Sta 103+64.50 to Sta 109+00 (Pr_9thSt) Sta 126+75.92 to Sta 134+00 (Pr_9thSt)	144 832	LF LF
708 1540	INLET PROTECTION-SPECIAL Sta 103+64.50 to Sta 109+00 (Pr_9thSt) Sta 126+75.92 to Sta 134+00 (Pr_9thSt)	6 6	EA EA



LEGEND	
EXISTING R/W	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
SILT FENCE UNSUPPORTED	— XX — XX —
FIBER ROLLS	— — — — —
INLET PROTECTION	
INLET PROTECTION - 15 LF FIBER ROLL	
SEEDING CLASS III	
BONDED FIBER MATRIX	



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(UNLESS NOTED OTHERWISE)

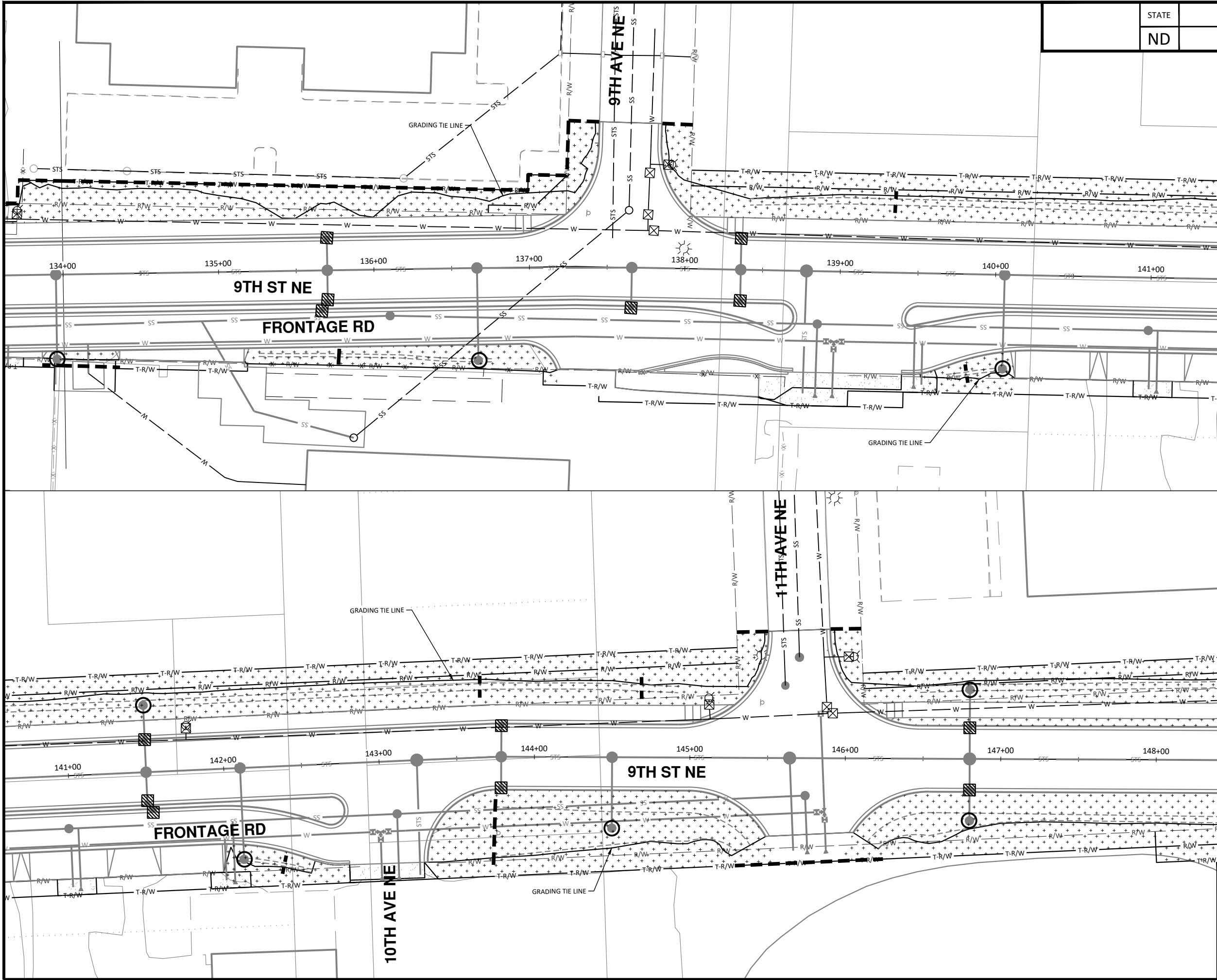


10/22/2025

Permanent Erosion Control - 9th St NE

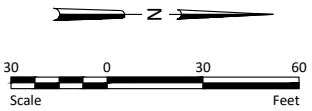
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\B\8600865\8654_0004 9th St CAD\0_CITY PROJECT\Plans\077 - 9th St NE Perm Erosion Control.dwg-PEC (2)-10/22/2025 9:58 AM-(jandresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	77	2

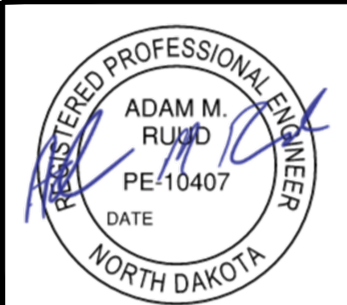
SPEC CODE	BID ITEM	QTY	UNIT
251 300	SEEDING CLASS III Sta 134+00 to Sta 141+00 (Pr_9thSt) Sta 141+00 to Sta 148+00 (Pr_9thSt)	0.50 0.90	ACRE
253 301	BONDED FIBER MATRIX Sta 134+00 to Sta 141+00 (Pr_9thSt) Sta 141+00 to Sta 148+00 (Pr_9thSt)	0.50 0.90	ACRE
261 112	FIBER ROLLS 12IN Sta 134+00 to Sta 141+00 (Pr_9thSt) Sta 141+00 to Sta 148+00 (Pr_9thSt)	512 292	LF
708 1540	INLET PROTECTION-SPECIAL Sta 134+00 to Sta 141+00 (Pr_9thSt) Sta 141+00 to Sta 148+00 (Pr_9thSt)	6 7	EA



LEGEND	
EXISTING R/W	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
SILT FENCE UNSUPPORTED	— XX — XX —
FIBER ROLLS	— — — — —
INLET PROTECTION	⊠
INLET PROTECTION - 15 LF FIBER ROLL	○
SEEDING CLASS III BONDED FIBER MATRIX	+ + + + +



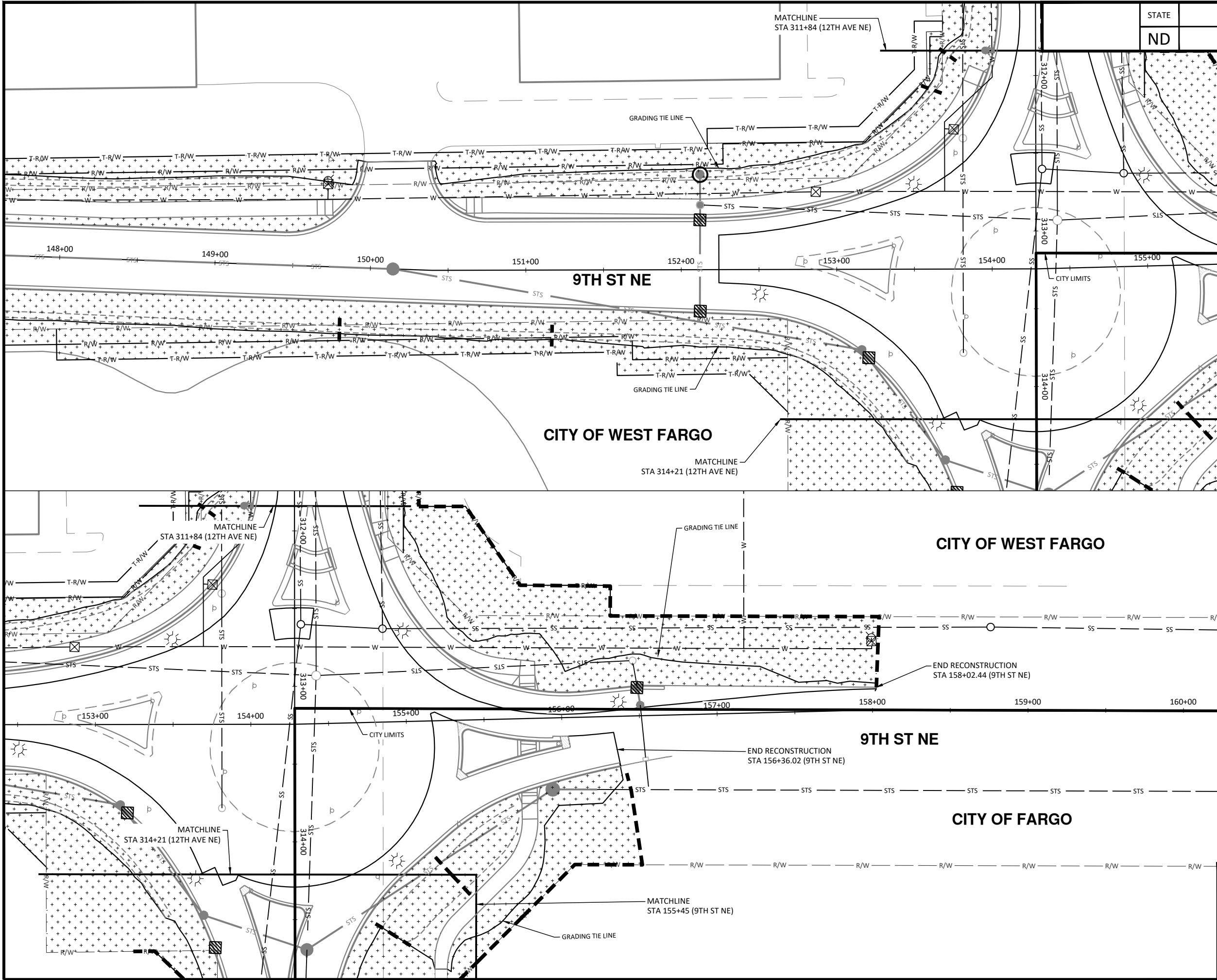
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Permanent Erosion Control - 9th St NE

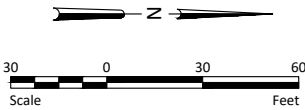
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\BN\8600\865\18654_0004 9th St CAD\0_CITY PROJECT\Plans\077 - 9th St NE Perm Erosion Control.dwg-PEC (3-10/22/2025 9:59 AM: jandresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	77	3

SPEC CODE	BID ITEM	QTY	UNIT
251 300	SEEDING CLASS III Sta 148+00 to Sta 155+00 (Pr_9thSt)	0.88	ACRE
	Sta 155+00 to Sta 158+02.44 (Pr_9thSt)	0.55	ACRE
253 301	BONDED FIBER MATRIX Sta 148+00 to Sta 155+00 (Pr_9thSt)	0.88	ACRE
	Sta 155+00 to Sta 158+02.44 (Pr_9thSt)	0.55	ACRE
261 112	FIBER ROLLS 12IN Sta 148+00 to Sta 155+00 (Pr_9thSt)	71	LF
	Sta 155+00 to Sta 158+02.44 (Pr_9thSt)	595	LF
708 1540	INLET PROTECTION-SPECIAL Sta 148+00 to Sta 155+00 (Pr_9thSt)	3	EA
	Sta 155+00 to Sta 158+02.44 (Pr_9thSt)	1	EA



LEGEND	
EXISTING R/W	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
SILT FENCE UNSUPPORTED	— XX — XX —
FIBER ROLLS	— — — — —
INLET PROTECTION	
INLET PROTECTION - 15 LF FIBER ROLL	
SEEDING CLASS III	
BONDED FIBER MATRIX	



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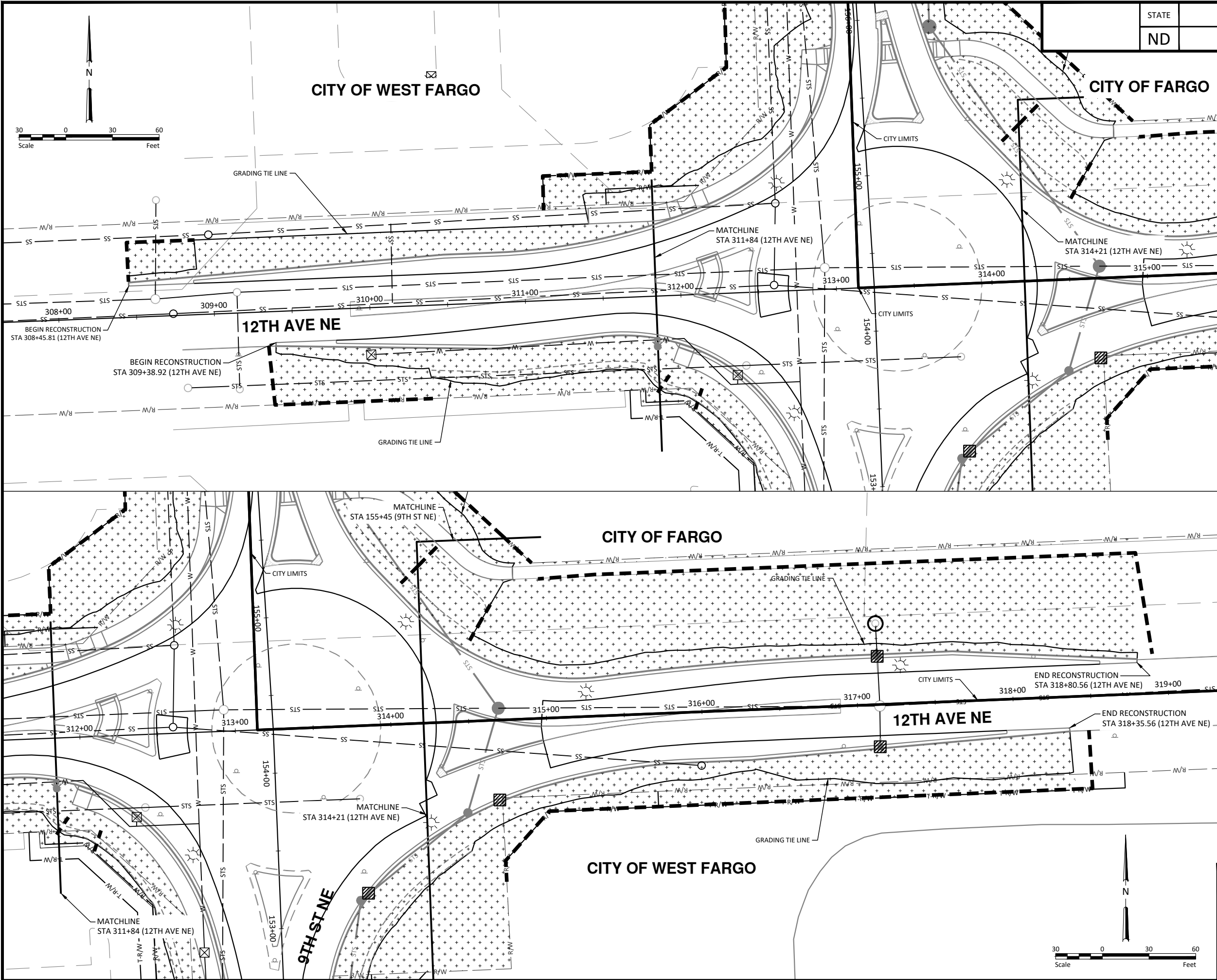


10/22/2025

Permanent Erosion Control - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\B\8600\865\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\077 - 9th St NE Perm Erosion Control.dwg-PEC (4)-10/22/2025 9:59 AM-(jandresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	77	4

SPEC CODE	BID ITEM	QTY	UNIT
251 300	SEEDING CLASS III Sta 308+45.81 to Sta 311+84 (Pr_12thAve) Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	0.36 ACRE 1.02 ACRE	
253 301	BONDED FIBER MATRIX Sta 308+45.81 to Sta 311+84 (Pr_12thAve) Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	0.36 ACRE 1.02 ACRE	
261 112	FIBER ROLLS 12IN Sta 308+45.81 to Sta 311+84 (Pr_12thAve) Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	301 LF 976 LF	
708 1540	INLET PROTECTION-SPECIAL Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	3 EA	

LEGEND	
EXISTING R/W	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
SILT FENCE UNSUPPORTED	— XX — XX —
FIBER ROLLS	— — — — —
INLET PROTECTION	⊠
INLET PROTECTION - 15 LF FIBER ROLL	○
SEEDING CLASS III BONDED FIBER MATRIX	+ + + + +



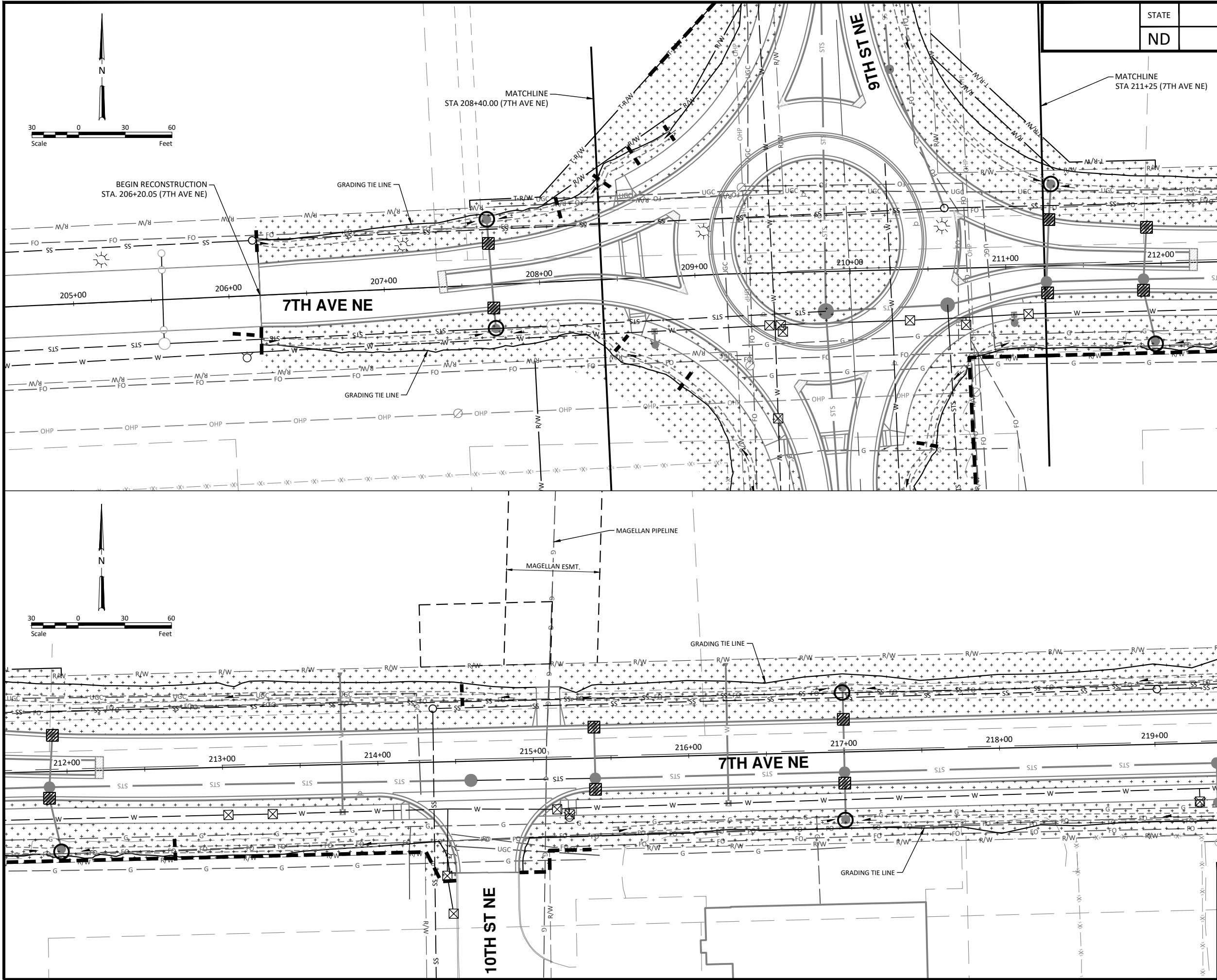
ALL ELEVATIONS ARE BASED ON
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(UNLESS NOTED OTHERWISE)



Permanent Erosion Control - 12th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\houston\8600\865\1865\0004 9th St CAD\0 - CITY PROJECT\Plans\077 - 7th Ave NE Perm Erosion Control.dwg-PEC (5)-10/22/2025 10:00 AM - (jandresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	77	5

SPEC CODE	BID ITEM	QTY	UNIT
251 300	SEEDING CLASS III		
	Sta 206+20.05 to Sta 208+40 (Pr_7thAve)	0.31	ACRE
	Sta 211+25 to Sta 212+00 (Pr_7thAve)	0.12	ACRE
	Sta 212+00 to Sta 219+00 (Pr_7thAve)	1.03	ACRE
253 301	BONDED FIBER MATRIX		
	Sta 206+20.05 to Sta 208+40 (Pr_7thAve)	0.31	ACRE
	Sta 211+25 to Sta 212+00 (Pr_7thAve)	0.12	ACRE
	Sta 212+00 to Sta 219+00 (Pr_7thAve)	1.03	ACRE
261 112	FIBER ROLLS 12IN		
	Sta 206+20.05 to Sta 208+40 (Pr_7thAve)	90	LF
	Sta 211+25 to Sta 212+00 (Pr_7thAve)	105	LF
	Sta 212+00 to Sta 219+00 (Pr_7thAve)	379	LF
708 1540	INLET PROTECTION-SPECIAL		
	Sta 206+20.05 to Sta 208+40 (Pr_7thAve)	2	EA
	Sta 211+25 to Sta 212+00 (Pr_7thAve)	4	EA
	Sta 212+00 to Sta 219+00 (Pr_7thAve)	4	EA

LEGEND

EXISTING R/W	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
SILT FENCE UNSUPPORTED	— XX — XX
FIBER ROLLS	— [Hatched] —
INLET PROTECTION	[Hatched Circle]
INLET PROTECTION - 15 LF FIBER ROLL	[Circle]
SEEDING CLASS III	[+ + + + +]
BONDED FIBER MATRIX	[+ + + + +]

WARNING
HIGH-PRESSURE PIPELINE(S)
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Without Written Permission From
MAGELLAN PIPELINE COMPANY, L.P.
A MAGELLAN REPRESENTATIVE MUST BE PRESENT DURING WORK AROUND PIPELINE(S)



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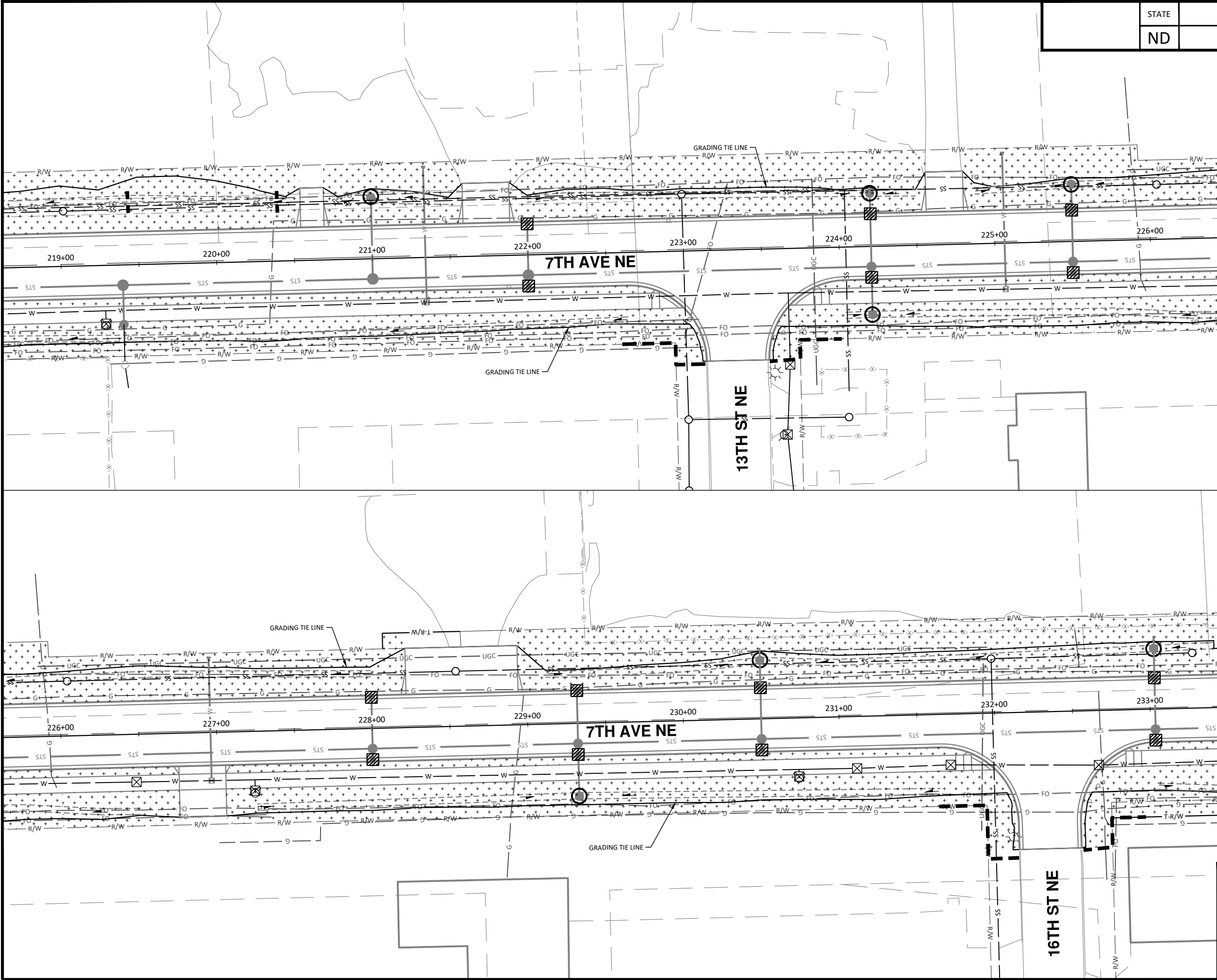


10/22/2025

Permanent Erosion Control - 7th Ave NE

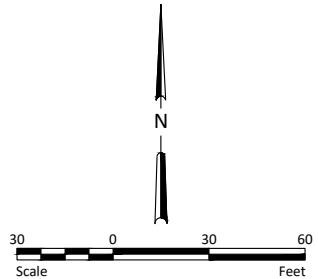
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\houston\8600865\8654_0004 9th St CAD\0 - CITY PROJECT\Plans\077 - 7th Ave NE Perm Erosion Control.dwg-PEC (6)-10/22/2025 10:00 AM. (jandresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	77	6

SPEC CODE	BID ITEM	QTY	UNIT
251 300	SEEDING CLASS III Sta 219+00 to Sta 226+00 (Pr_7thAve) Sta 226+00 to Sta 233+00 (Pr_7thAve)	0.98 ACRE 0.93 ACRE	
253 301	BONDED FIBER MATRIX Sta 219+00 to Sta 226+00 (Pr_7thAve) Sta 226+00 to Sta 233+00 (Pr_7thAve)	0.98 ACRE 0.93 ACRE	
261 112	FIBER ROLLS 12IN Sta 219+00 to Sta 226+00 (Pr_7thAve) Sta 226+00 to Sta 233+00 (Pr_7thAve)	214 LF 174 LF	
708 1540	INLET PROTECTION-SPECIAL Sta 219+00 to Sta 226+00 (Pr_7thAve) Sta 226+00 to Sta 233+00 (Pr_7thAve)	6 EA 6 EA	

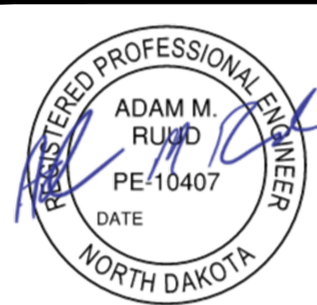


EXISTING R/W	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
SILT FENCE UNSUPPORTED	— XX — XX
FIBER ROLLS	— — — — —
INLET PROTECTION	⊠
INLET PROTECTION - 15 LF FIBER ROLL	○
SEEDING CLASS III BONDED FIBER MATRIX	+++++



HOUSTON
engineering, inc.

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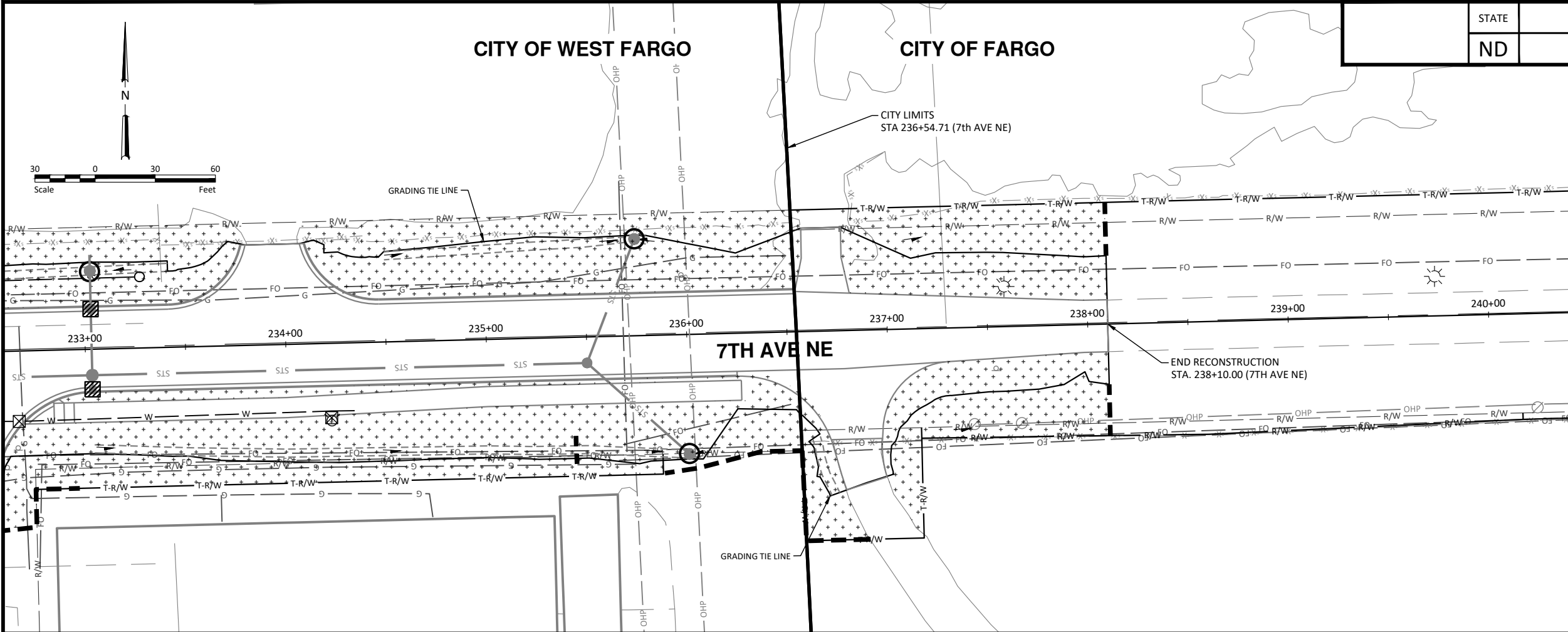


10/22/2025

Permanent Erosion Control - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\BN\8600\865\18654_0004 9th St\CAD\0_CITY PROJECT\Plans\077 - 7th Ave NE Perm Erosion Control.dwg-PEC (7-10/22/2025 10:01 AM, jandresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	77	7

SPEC CODE	BID ITEM	QTY	UNIT
251 300	SEEDING CLASS III Sta 233+00 to Sta 238+00 (Pr_7thAve)	0.86	ACRE
253 301	BONDED FIBER MATRIX Sta 233+00 to Sta 238+00 (Pr_7thAve)	0.86	ACRE
261 112	FIBER ROLLS 12IN Sta 233+00 to Sta 238+00 (Pr_7thAve)	259	LF
708 1540	INLET PROTECTION-SPECIAL Sta 233+00 to Sta 238+00 (Pr_7thAve)	2	EA

LEGEND

EXISTING R/W	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
SILT FENCE UNSUPPORTED	— XX — XX —
FIBER ROLLS	— — — — —
INLET PROTECTION	▨
INLET PROTECTION - 15 LF FIBER ROLL	○
SEEDING CLASS III BONDED FIBER MATRIX	+ + + + +



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

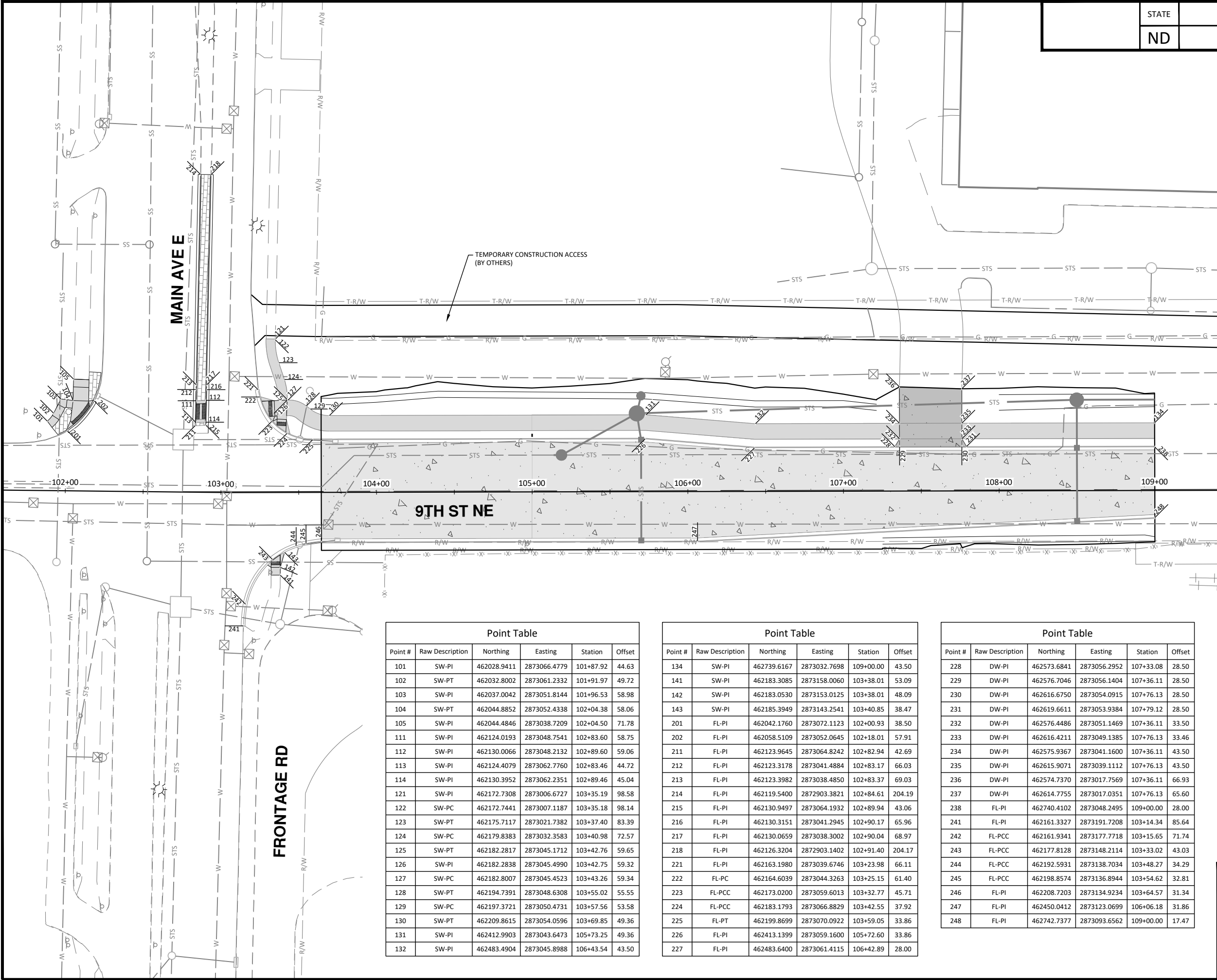


10/22/2025

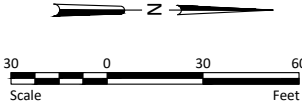
Permanent Erosion Control - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\B\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\080 - 9th St NE Layouts.dwg-Gen (1)-10/22/2025 10:03 AM-(landresen)



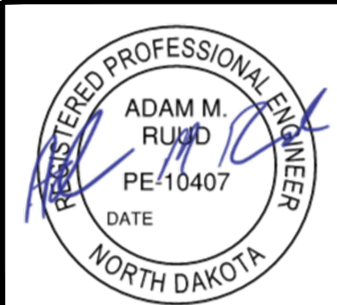
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	1



Notes:
Private utilities not shown for clarity.



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THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



10/22/2025

General Layouts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
101	SW-PI	462028.9411	2873066.4779	101+87.92	44.63
102	SW-PT	462032.8002	2873061.2332	101+91.97	49.72
103	SW-PI	462037.0042	2873051.8144	101+96.53	58.98
104	SW-PT	462044.8852	2873052.4338	102+04.38	58.06
105	SW-PI	462044.4846	2873038.7209	102+04.50	71.78
111	SW-PI	462124.0193	2873048.7541	102+83.60	58.75
112	SW-PI	462130.0066	2873048.2132	102+89.60	59.06
113	SW-PI	462124.4079	2873062.7760	102+83.46	44.72
114	SW-PI	462130.3952	2873062.2351	102+89.46	45.04
121	SW-PI	462172.7308	2873006.6727	103+35.19	98.58
122	SW-PC	462172.7441	2873007.1187	103+35.18	98.14
123	SW-PT	462175.7117	2873021.7382	103+37.40	83.39
124	SW-PC	462179.8383	2873032.3583	103+40.98	72.57
125	SW-PT	462182.2817	2873045.1712	103+42.76	59.65
126	SW-PI	462182.2838	2873045.4990	103+42.75	59.32
127	SW-PC	462182.8007	2873045.4523	103+43.26	59.34
128	SW-PT	462194.7391	2873048.6308	103+55.02	55.55
129	SW-PC	462197.3721	2873050.4731	103+57.56	53.58
130	SW-PT	462209.8615	2873054.0596	103+69.85	49.36
131	SW-PI	462412.9903	2873043.6473	105+73.25	49.36
132	SW-PI	462483.4904	2873045.8988	106+43.54	43.50

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
134	SW-PI	462739.6167	2873032.7698	109+00.00	43.50
141	SW-PI	462183.3085	2873158.0060	103+38.01	53.09
142	SW-PI	462183.0530	2873153.0125	103+38.01	48.09
143	SW-PI	462185.3949	2873143.2541	103+40.85	38.47
201	FL-PI	462042.1760	2873072.1123	102+00.93	38.50
202	FL-PI	462058.5109	2873052.0645	102+18.01	57.91
211	FL-PI	462123.9645	2873064.8242	102+82.94	42.69
212	FL-PI	462123.3178	2873041.4884	102+83.17	66.03
213	FL-PI	462123.3982	2873038.4850	102+83.37	69.03
214	FL-PI	462119.5400	2872903.3821	102+84.61	204.19
215	FL-PI	462130.9497	2873064.1932	102+89.94	43.06
216	FL-PI	462140.3151	2873041.2945	102+90.17	65.96
217	FL-PI	462130.0659	2873038.3002	102+90.04	68.97
218	FL-PI	462126.3204	2872903.1402	102+91.40	204.17
221	FL-PI	462163.1980	2873039.6746	103+23.98	66.11
222	FL-PC	462164.6039	2873044.3263	103+25.15	61.40
223	FL-PCC	462173.0200	2873059.6013	103+32.77	45.71
224	FL-PCC	462183.1793	2873066.8829	103+42.55	37.92
225	FL-PT	462199.8699	2873070.0922	103+59.05	33.86
226	FL-PI	462413.1399	2873059.1600	105+72.60	33.86
227	FL-PI	462483.6400	2873061.4115	106+42.89	28.00

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
228	DW-PI	462573.6841	2873056.2952	107+33.08	28.50
229	DW-PI	462576.7046	2873056.1404	107+36.11	28.50
230	DW-PI	462616.6750	2873054.0915	107+76.13	28.50
231	DW-PI	462619.6611	2873053.9384	107+79.12	28.50
232	DW-PI	462576.4486	2873051.1469	107+36.11	33.50
233	DW-PI	462616.4211	2873049.1385	107+76.13	33.46
234	DW-PI	462575.9367	2873041.1600	107+36.11	43.50
235	DW-PI	462615.9071	2873039.1112	107+76.13	43.50
236	DW-PI	462574.7370	2873017.7569	107+36.11	66.93
237	DW-PI	462614.7755	2873017.0351	107+76.13	65.60
238	FL-PI	462740.4102	2873048.2495	109+00.00	28.00
241	FL-PI	462161.3327	2873191.7208	103+14.34	85.64
242	FL-PCC	462161.9341	2873177.7718	103+15.65	71.74
243	FL-PCC	462177.8128	2873148.2114	103+33.02	43.03
244	FL-PCC	462192.5931	2873138.7034	103+48.27	34.29
245	FL-PCC	462198.8574	2873136.8944	103+54.62	32.81
246	FL-PI	462208.7203	2873134.9234	103+64.57	31.34
247	FL-PI	462450.0412	2873123.0699	106+06.18	31.86
248	FL-PI	462742.7377	2873093.6562	109+00.00	17.47

\\houston\hrl\B\8600\8654\8654_0004 9th St NE.dwg-Gen (2)-10/22/2025 10:03 AM-(landresen)

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
301	SW-PI	464510.9576	2872941.8524	126+73.67	43.62
302	SW-PC	464522.1337	2872940.6742	126+84.89	44.22
303	SW-PT	464577.5705	2872931.9086	127+40.71	50.14
304	SW-PC	464601.0375	2872926.9996	127+64.39	53.84
305	SW-PI	464699.1798	2872833.2163	128+67.21	142.48
306	SW-PI	464705.8888	2872832.5008	128+73.95	142.85
307	SW-PI	464715.6018	2872828.5421	128+83.85	146.30
311	SW-PI	464736.2964	2872827.2467	129+04.58	146.54
312	SW-PI	464758.7237	2872824.8551	129+27.10	147.78
313	SW-PI	464734.1809	2872841.5529	129+01.74	132.36
314	SW-PI	464764.3419	2872838.3364	129+32.02	134.03
321	SW-PI	464780.4528	2872821.6398	129+48.97	149.88
322	SW-PI	464790.8113	2872823.4445	129+59.22	147.54
323	SW-PI	464797.6059	2872822.7199	129+71.44	147.84
324	SW-PCC	464809.6917	2872844.0950	129+81.60	125.49
325	SW-PI	464955.3327	2872919.1631	131+20.11	37.96
326	SW-PI	464988.3231	2872920.2867	131+52.88	33.95

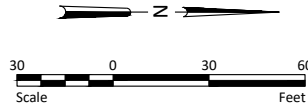
Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
331	SW-PI	464621.1465	2872958.2195	127+82.88	21.63
332	SW-PI	464634.8592	2872954.2704	127+96.78	24.87
333	SW-PI	464622.3054	2872971.7276	127+83.35	8.08
334	SW-PI	464636.4779	2872973.1394	127+97.43	5.95
341	SW-PI	464623.0584	2872992.2065	127+83.05	12.41
342	SW-PI	464626.7506	2873000.1450	127+86.33	20.53
343	SW-PI	464627.4128	2873007.8636	127+86.60	28.27
344	SW-PC	464643.5282	2873010.5798	128+02.55	31.81
345	SW-PT	464708.5354	2873085.3790	128+63.64	109.83
401	FL-PI	464512.5456	2872957.2709	126+74.47	28.14
402	FL-PCC	464523.7957	2872956.0849	126+85.77	28.75
403	FL-PT	464580.7442	2872947.0802	127+43.10	34.82
404	FL-PC	464604.2112	2872942.1712	127+66.79	38.53
405	FL-PT	464718.1899	2872788.8029	128+88.47	185.86
411	FL-PC	464759.2037	2872751.7523	129+31.32	220.76
412	FL-PT	464795.7480	2872851.0322	129+62.74	119.74
413	FL-PC	464796.5526	2872852.3178	129+63.48	118.42

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
414	FL-PT	464955.7676	2872934.6641	131+19.19	22.48
415	FL-PC	464988.5814	2872932.7924	131+52.04	21.47
416	FL-PT	465019.1346	2872930.5788	131+82.67	21.00
417	DW-PI	465034.7316	2872928.7057	131+98.37	21.50
418	DW-PI	465039.7124	2872928.2681	132+03.37	21.50
419	DW-PI	465089.5204	2872923.8900	132+53.37	21.50
420	DW-PI	465094.5012	2872923.4521	132+58.37	21.50
421	DW-PI	465039.5373	2872926.2756	132+03.37	23.50
422	DW-PI	465089.3454	2872921.8972	132+53.37	23.50
423	DW-PI	465038.6617	2872916.3141	132+03.37	33.50
424	DW-PI	465088.4696	2872911.9356	132+53.37	33.50
425	DW-PI	465037.9612	2872908.3449	132+03.37	41.50
426	DW-PI	465087.7791	2872903.9658	132+53.38	41.50
431	FL-PI	464516.8488	2872999.0498	126+76.63	13.81
432	FL-PI	464528.2990	2872997.8427	126+88.13	13.19
433	FL-PC	464585.9778	2872991.6224	127+46.05	9.93
434	FL-PT	464652.7198	2872997.9961	128+12.37	19.71

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
435	FL-PC	464654.3982	2872998.5191	128+14.02	20.32
436	FL-PCC	464713.4233	2873054.7364	128+70.09	79.48
437	FL-PT	464724.7612	2873111.3481	128+78.52	136.60
451	FL-PC	464770.4667	2873122.7581	129+23.58	150.34
452	FL-PT	464853.5003	2873002.6547	130+11.36	36.29
453	FL-PC	464855.0993	2873001.9457	130+13.02	35.73
454	FL-PT	464919.0874	2872983.7460	130+78.35	23.20
455	FL-PC	464939.1146	2872980.9873	130+98.54	22.21
456	FL-PT	464987.9101	2872975.4853	131+47.63	21.00
457	FL-PC	464992.5777	2872975.0750	131+52.32	21.00
458	FL-PT	465027.1156	2872996.2984	131+84.87	45.17
459	FL-PC	465027.6137	2872997.5414	131+85.25	46.45
460	FL-PT	465113.9661	2873022.4997	132+69.09	78.87
461	FL-PC	465139.1383	2873004.2626	132+95.76	62.91
462	FL-PT	465188.0534	2872985.9999	133+46.09	49.00
463	DW-PI	465182.1201	2872987.2099	133+40.07	49.69
464	DW-PI	465185.1319	2872986.8047	133+43.11	49.55

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
465	DW-PI	465227.7086	2872983.0160	133+85.85	49.50
466	DW-PI	465230.6773	2872982.7550	133+88.83	49.50
467	DW-PI	465185.3130	2872989.2488	133+43.07	52.00
468	DW-PI	465228.0039	2872987.0011	133+85.80	53.50
471	FL-PI	464519.1581	2872972.6692	126+80.28	12.42
472	FL-PT	464525.5112	2872971.9926	126+86.66	12.77
473	FL-PC	464527.2083	2872971.8096	126+88.37	12.87
474	FL-PT	464555.6673	2872968.1507	127+16.98	15.07
475	FL-PC	464606.7551	2872960.5180	127+68.39	20.07
476	FL-PI	464661.8668	2872941.8467	128+24.38	35.90
481	FL-PI	464847.1079	2872976.3828	130+07.29	9.56
482	FL-PRC	464848.2143	2872933.3918	130+12.16	33.17
483	FL-PT	464850.2015	2872931.8428	130+14.27	34.53
484	FL-PC	464850.6761	2872932.0764	130+14.73	34.26
485	FL-PT	464957.5493	2872952.0545	131+19.44	5.00
486	FL-PI	464996.0989	2872948.6658	131+58.14	5.00
491	FL-PI	464520.1826	2872982.6165	126+80.80	2.44

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
492	FL-PT	464526.5835	2872981.9350	126+87.23	2.79
493	FL-PC	464527.3118	2872981.8564	126+87.96	2.83
494	FL-PT	464536.4424	2872980.7289	126+97.13	3.49
495	FL-PC	464587.6462	2872973.6018	127+48.64	7.98
496	FL-PT	464668.0728	2872981.1227	128+28.57	3.64
497	FL-PC	464668.4860	2872981.2618	128+28.98	3.80
498	FL-PRC	464670.2704	2872979.5219	128+30.85	2.16
499	FL-PI	464666.5418	2872945.1258	128+28.89	32.38
501	FL-PI	464851.0066	2872980.3008	130+10.83	13.81
502	FL-PT	464916.0252	2872965.7432	130+76.88	5.00
503	FL-PI	464996.9746	2872958.6274	131+58.14	5.00
511	FL-PC	465180.2061	2872962.5972	133+40.32	25.00
512	FL-PT	465133.0205	2872973.4495	132+92.36	31.68
513	FL-PC	465102.3725	2872985.1413	132+60.81	40.64
514	FL-PT	465090.2008	2872977.5383	132+49.35	32.00
515	FL-PC	465090.0231	2872975.5619	132+49.35	30.02
516	FL-PT	465098.1988	2872965.7910	132+58.35	21.00



Notes:
Private utilities not shown for clarity.



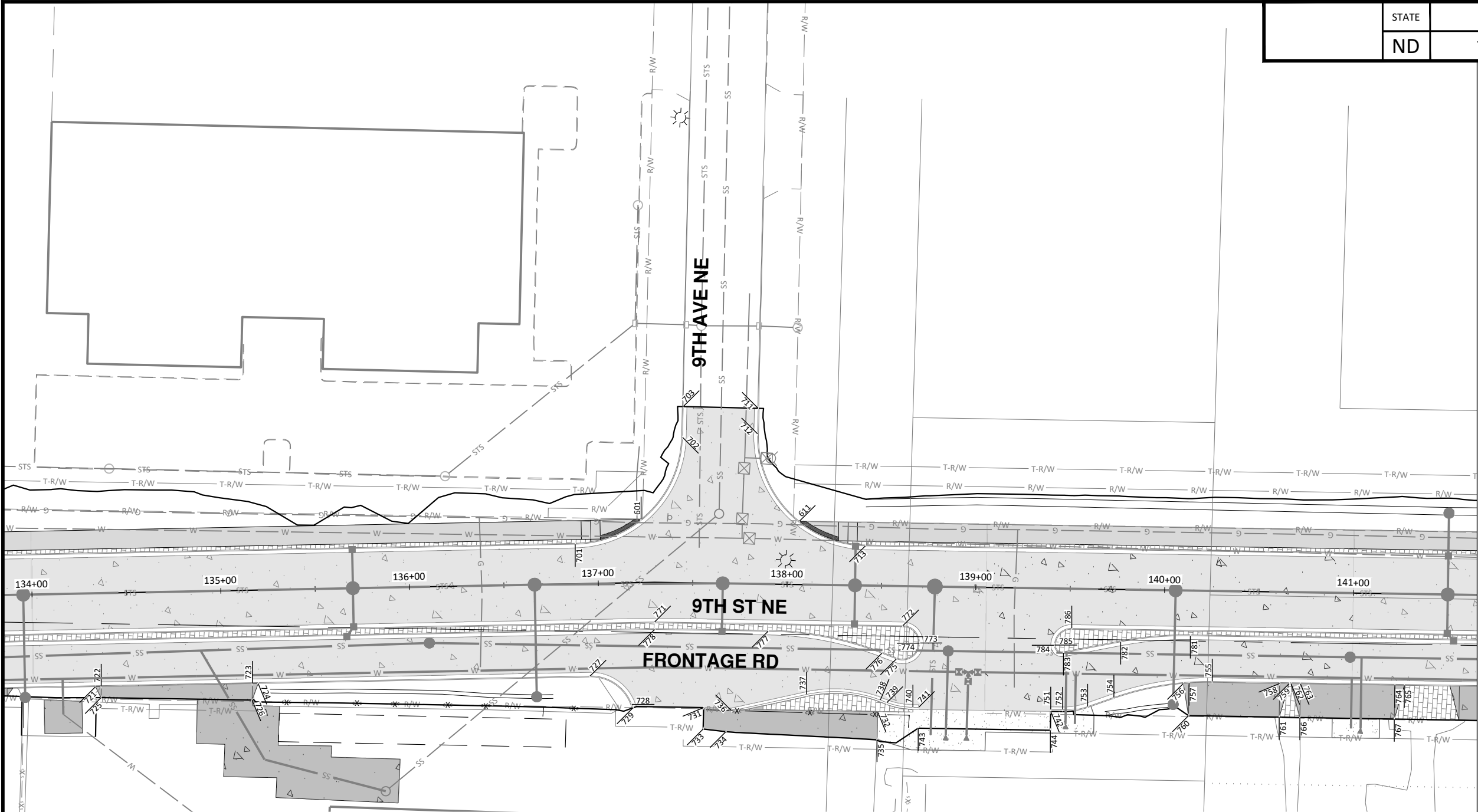
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General Layouts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\B\8600\8654\8654_0004 9th St CAD\0_CITY PROJECT\Plans\080 - 9th St NE Layouts.dwg-Gen (3)-10/27/2025 10:04 AM-(landresen)



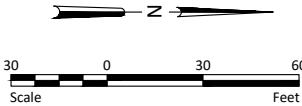
Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
601	SW-PI	465556.6301	2872870.7825	137+23.34	33.50
611	SW-PI	465640.3385	2872866.1276	138+06.00	33.50
701	FL-PC	465522.7030	2872886.3130	136+88.18	21.00
702	FL-PT	465575.5658	2872825.9361	137+43.43	77.04
703	FL-PI	465574.8352	2872809.6522	137+43.56	93.34
711	FL-PI	465614.5036	2872807.8723	137+83.27	93.03
712	FL-PC	465615.1125	2872821.4417	137+83.16	79.45
713	FL-PT	465676.1039	2872876.7617	138+41.16	21.00
721	DW-PI	465274.3903	2872978.9125	134+32.71	49.50
722	DW-PI	465277.3794	2872978.6501	134+35.71	49.50
723	DW-PI	465357.1211	2872971.6402	135+15.76	49.50
724	DW-PI	465360.1835	2872971.3710	135+18.84	49.50
725	DW-PI	465277.6870	2872984.4917	134+35.51	55.35
726	DW-PI	465357.5811	2872980.3772	135+15.46	58.24
727	FL-PC	465535.3534	2872955.4709	136+94.73	49.00
728	FL-PT	465558.3605	2872968.9862	137+16.46	64.48

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
729	FL-PI	465559.1367	2872970.7205	137+17.08	66.27
731	DW-PI	465596.4533	2872968.0758	137+56.82	66.00
732	DW-PI	465688.4572	2872963.8747	138+48.92	66.64
733	DW-PI	465596.9664	2872979.4340	137+56.73	77.37
734	DW-PI	465609.1030	2872979.9837	0+00.00	0.00
735	DW-PI	465689.2268	2872978.6247	0+00.00	0.00
736	FL-PI	465611.3094	2872968.7576	137+71.62	67.46
737	FL-PC	465650.3753	2872957.4320	138+11.22	58.21
738	FL-PT	465689.5850	2872957.7468	138+50.36	60.58
739	FL-PC	465693.0967	2872958.8285	138+53.81	61.85
740	FL-PT	465707.0569	2872960.4101	138+67.67	64.16
741	FL-PI	465710.0206	2872960.2531	138+70.64	64.16
742	DW-PI	465779.9767	2872957.5765	139+40.64	65.17
743	DW-PI	465710.6014	2872971.2537	138+70.64	75.18
744	DW-PI	465780.5040	2872967.5626	139+40.64	75.17
751	FL-PI	465779.9232	2872956.5623	139+40.64	64.15

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
752	FL-PC	465786.2357	2872956.2290	139+46.96	64.15
753	FL-PT	465799.3676	2872953.6980	139+60.21	62.31
754	FL-PC	465812.8636	2872947.9281	139+73.99	57.26
755	FL-PT	465864.2933	2872935.9483	140+25.98	48.00
756	DW-PI	465849.1029	2872938.0419	140+10.70	49.29
757	DW-PI	465852.0844	2872937.6064	140+13.70	49.01
758	DW-PI	465899.9911	2872934.5731	140+61.70	48.50
759	DW-PI	465904.9848	2872934.3102	140+66.70	48.51
760	DW-PI	465852.9930	2872954.8642	140+13.70	66.30
761	DW-PI	465900.9295	2872952.3956	140+61.70	66.35
762	DW-PI	465905.9664	2872934.2552	140+67.68	48.50
763	DW-PI	465910.9600	2872933.9923	140+72.68	48.50
764	DW-PI	465960.8911	2872931.3674	141+22.68	48.51
765	DW-PI	465965.8847	2872931.1044	141+27.68	48.51
766	DW-PI	465911.8992	2872951.8306	140+72.68	66.36
767	DW-PI	465961.8331	2872949.2591	141+22.68	66.42

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
771	FL-PI	465567.4672	2872924.5400	137+30.16	21.00
772	FL-PC	465698.7637	2872917.6262	138+61.64	21.00
773	FL-PT	465708.2245	2872926.1410	138+70.64	30.00
774	FL-PC	465708.2307	2872926.2580	138+70.64	30.12
775	FL-PT	465696.5937	2872935.3324	138+58.54	38.57
776	FL-PC	465688.7029	2872932.9019	138+50.79	35.73
777	FL-PT	465627.8119	2872925.3682	137+90.38	25.00
778	FL-PI	465567.7476	2872928.5308	137+29.35	25.00
781	FL-PC	465851.0643	2872912.6116	140+13.99	24.00
782	FL-PT	465814.4779	2872918.3098	139+77.16	27.77
783	FL-PC	465784.6468	2872926.1307	139+46.96	34.01
784	FL-PT	465779.6379	2872922.4718	139+42.15	30.09
785	FL-PC	465779.6332	2872922.3811	139+42.15	30.00
786	FL-PT	465788.1474	2872912.9195	139+51.15	21.00

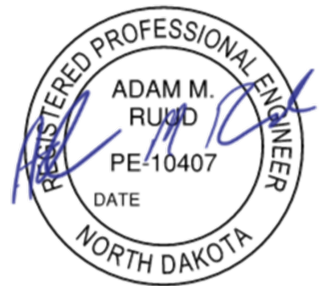
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	3



Notes:
Private utilities not shown for clarity.



ALL ELEVATIONS ARE BASED ON
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(UNLESS NOTED OTHERWISE)

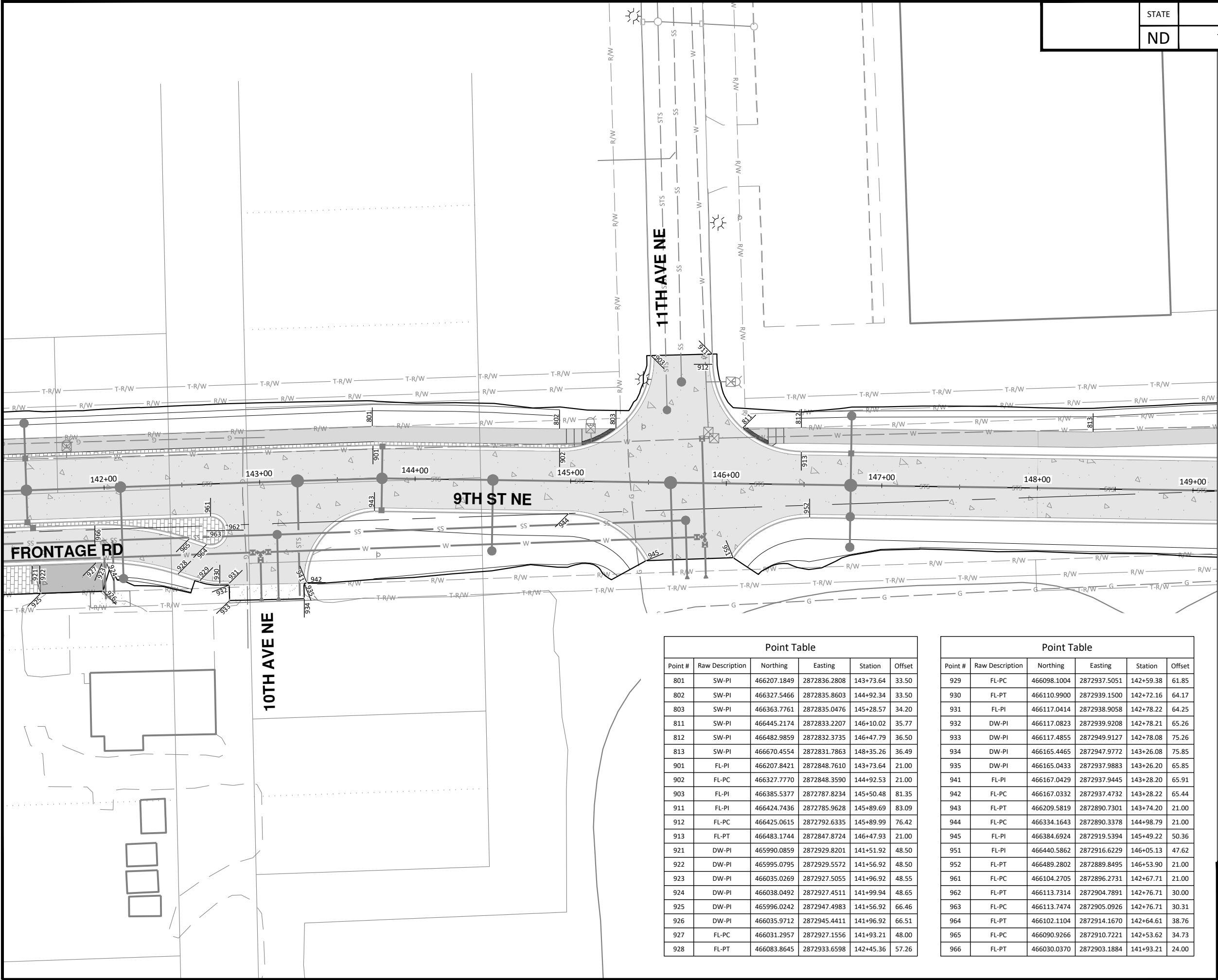


10/22/2025

General Layouts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

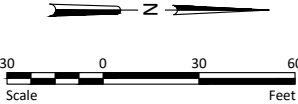
\\houston\hrl\B\8600\865\865A\865A_0004 9th St NE.dwg-Gen (4)-10/22/2025 10:04 AM-(landresen)



Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
801	SW-PI	466207.1849	2872836.2808	143+73.64	33.50
802	SW-PI	466327.5466	2872835.8603	144+92.34	33.50
803	SW-PI	466363.7761	2872835.0476	145+28.57	34.20
811	SW-PI	466445.2174	2872833.2207	146+10.02	35.77
812	SW-PI	466482.9859	2872832.3735	146+47.79	36.50
813	SW-PI	466670.4554	2872831.7863	148+35.26	36.49
901	FL-PI	466207.8421	2872848.7610	143+73.64	21.00
902	FL-PC	466327.7770	2872848.3590	144+92.53	21.00
903	FL-PI	466385.5377	2872787.8234	145+50.48	81.35
911	FL-PI	466424.7436	2872785.9628	145+89.69	83.09
912	FL-PC	466425.0615	2872792.6335	145+89.99	76.42
913	FL-PT	466483.1744	2872847.8724	146+47.93	21.00
921	DW-PI	465990.0859	2872929.8201	141+51.92	48.50
922	DW-PI	465995.0795	2872929.5572	141+56.92	48.50
923	DW-PI	466035.0269	2872927.5055	141+96.92	48.55
924	DW-PI	466038.0492	2872927.4511	141+99.94	48.65
925	DW-PI	465996.0242	2872947.4983	141+56.92	66.46
926	DW-PI	466035.9712	2872945.4411	141+96.92	66.51
927	FL-PC	466031.2957	2872927.1556	141+93.21	48.00
928	FL-PT	466083.8645	2872933.6598	142+45.36	57.26

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
929	FL-PC	466098.1004	2872937.5051	142+59.38	61.85
930	FL-PT	466110.9900	2872939.1500	142+72.16	64.17
931	FL-PI	466117.0414	2872938.9058	142+78.22	64.25
932	DW-PI	466117.0823	2872939.9208	142+78.21	65.26
933	DW-PI	466117.4855	2872949.9127	142+78.08	75.26
934	DW-PI	466165.4465	2872947.9772	143+26.08	75.85
935	DW-PI	466165.0433	2872937.9883	143+26.20	65.85
941	FL-PI	466167.0429	2872937.9445	143+28.20	65.91
942	FL-PC	466167.0332	2872937.4732	143+28.22	65.44
943	FL-PT	466209.5819	2872890.7301	143+74.20	21.00
944	FL-PC	466334.1643	2872890.3378	144+98.79	21.00
945	FL-PI	466384.6924	2872919.5394	145+49.22	50.36
951	FL-PI	466440.5862	2872916.6229	146+05.13	47.62
952	FL-PT	466489.2802	2872889.8495	146+53.90	21.00
961	FL-PC	466104.2705	2872896.2731	142+67.71	21.00
962	FL-PT	466113.7314	2872904.7891	142+76.71	30.00
963	FL-PC	466113.7474	2872905.0926	142+76.71	30.31
964	FL-PT	466102.1104	2872914.1670	142+64.61	38.76
965	FL-PC	466090.9266	2872910.7221	142+53.62	34.73
966	FL-PT	466030.0370	2872903.1884	141+93.21	24.00

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	4



Notes:
Private utilities not shown for clarity.



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THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

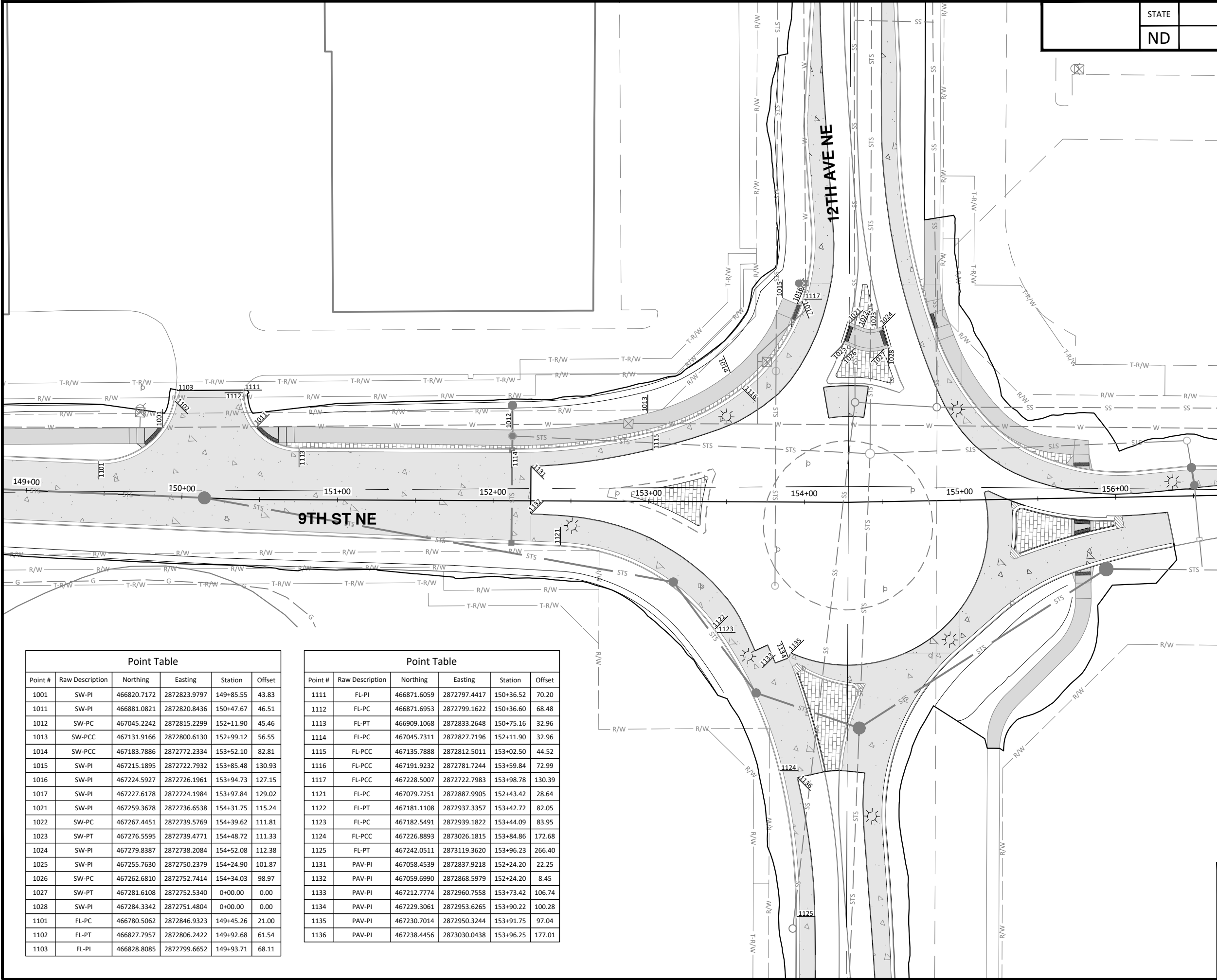


10/22/2025

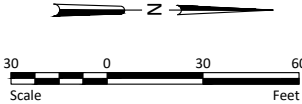
General Layouts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\B\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\080 - 9th St NE Layouts.dwg-Gen (5)-10/22/2025 10:04 AM-(landresen)



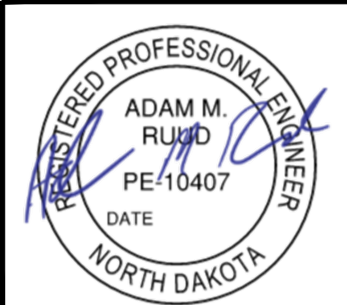
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	5



Notes:
Private utilities not shown for clarity.



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(UNLESS NOTED OTHERWISE)



10/22/2025

General Layouts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

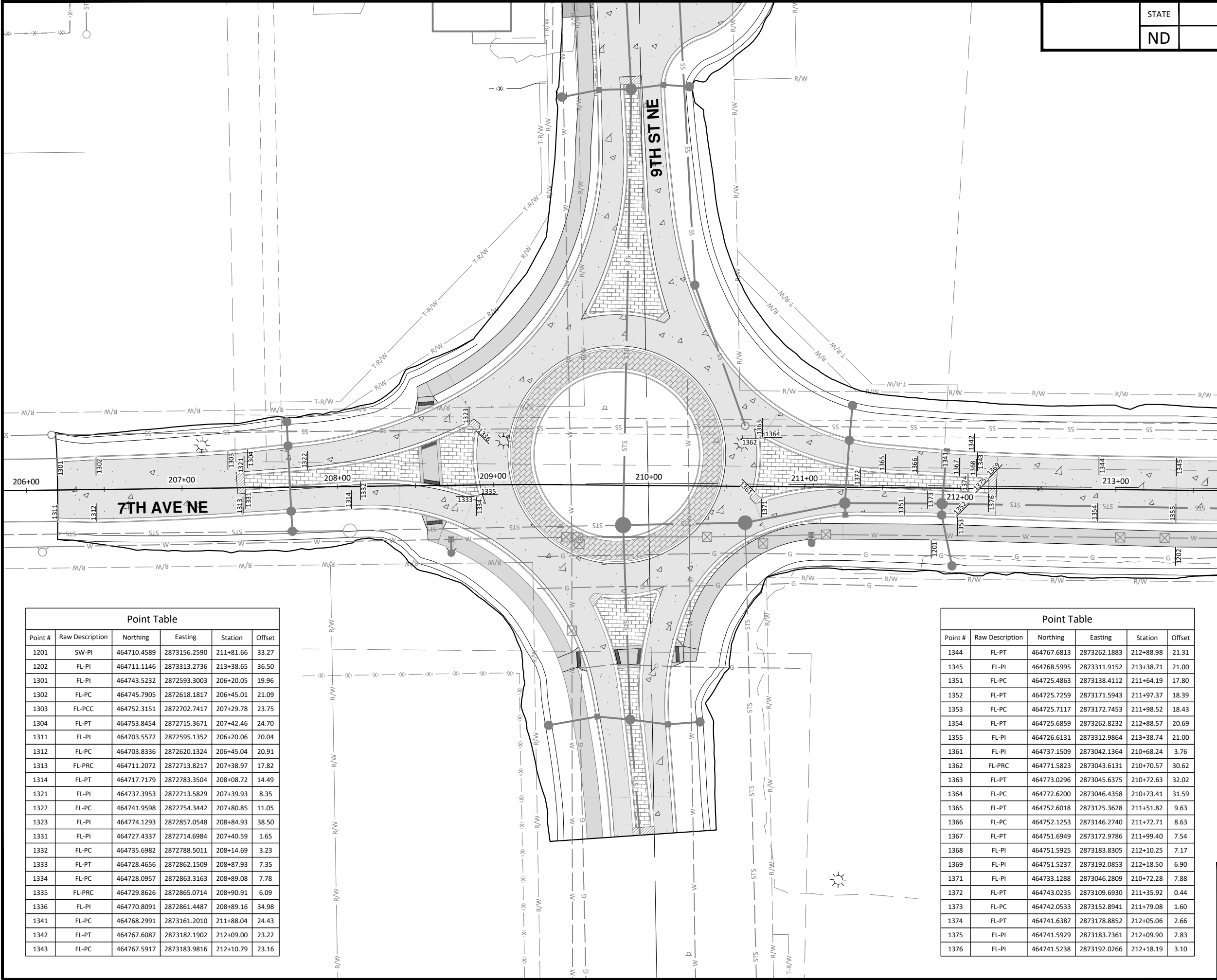
Point Table

Point #	Raw Description	Northing	Easting	Station	Offset
1001	SW-PI	466820.7172	2872823.9797	149+85.55	43.83
1011	SW-PI	466881.0821	2872820.8436	150+47.67	46.51
1012	SW-PC	467045.2242	2872815.2299	152+11.90	45.46
1013	SW-PCC	467131.9166	2872800.6130	152+99.12	56.55
1014	SW-PCC	467183.7886	2872772.2334	153+52.10	82.81
1015	SW-PI	467215.1895	2872722.7932	153+85.48	130.93
1016	SW-PI	467224.5927	2872726.1961	153+94.73	127.15
1017	SW-PI	467227.6178	2872724.1984	153+97.84	129.02
1021	SW-PI	467259.3678	2872736.6538	154+31.75	115.24
1022	SW-PC	467267.4451	2872739.5769	154+39.62	111.81
1023	SW-PT	467276.5595	2872739.4771	154+48.72	111.33
1024	SW-PI	467279.8387	2872738.2084	154+52.08	112.38
1025	SW-PI	467255.7630	2872750.2379	154+24.90	101.87
1026	SW-PC	467262.6810	2872752.7414	154+34.03	98.97
1027	SW-PT	467281.6108	2872752.5340	0+00.00	0.00
1028	SW-PI	467284.3342	2872751.4804	0+00.00	0.00
1101	FL-PC	466780.5062	2872846.9323	149+45.26	21.00
1102	FL-PT	466827.7957	2872806.2422	149+92.68	61.54
1103	FL-PI	466828.8085	2872799.6652	149+93.71	68.11

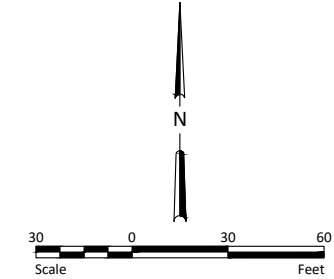
Point Table

Point #	Raw Description	Northing	Easting	Station	Offset
1111	FL-PI	466871.6059	2872797.4417	150+36.52	70.20
1112	FL-PC	466871.6953	2872799.1622	150+36.60	68.48
1113	FL-PT	466909.1068	2872833.2648	150+75.16	32.96
1114	FL-PC	467045.7311	2872827.7196	152+11.90	32.96
1115	FL-PCC	467135.7888	2872812.5011	153+02.50	44.52
1116	FL-PCC	467191.9232	2872781.7244	153+59.84	72.99
1117	FL-PCC	467228.5007	2872722.7983	153+98.78	130.39
1121	FL-PC	467079.7251	2872887.9905	152+43.42	28.64
1122	FL-PT	467181.1108	2872937.3357	153+42.72	82.05
1123	FL-PC	467182.5491	2872939.1822	153+44.09	83.95
1124	FL-PCC	467226.8893	2873026.1815	153+84.86	172.68
1125	FL-PT	467242.0511	2873119.3620	153+96.23	266.40
1131	PAV-PI	467058.4539	2872837.9218	152+24.20	22.25
1132	PAV-PI	467059.6990	2872868.5979	152+24.20	8.45
1133	PAV-PI	467212.7774	2872960.7558	153+73.42	106.74
1134	PAV-PI	467229.3061	2872953.6265	153+90.22	100.28
1135	PAV-PI	467230.7014	2872950.3244	153+91.75	97.04
1136	PAV-PI	467238.4456	2873030.0438	153+96.25	177.01

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	6



Notes:
Private utilities not shown for clarity.

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
1201	SW-PI	464710.4589	2873156.2590	211+81.66	33.27
1202	FL-PI	464711.1146	2873313.2736	213+38.65	36.50
1301	FL-PI	464743.5232	2872593.3003	206+20.05	19.96
1302	FL-PC	464745.7905	2872618.1817	206+45.01	21.09
1303	FL-PCC	464752.3151	2872702.7417	207+29.78	23.75
1304	FL-PT	464753.8454	2872715.3671	207+42.46	24.70
1311	FL-PI	464703.5572	2872595.1352	206+20.06	20.04
1312	FL-PC	464703.8336	2872620.1324	206+45.04	20.91
1313	FL-PRC	464711.2072	2872713.8217	207+38.97	17.82
1314	FL-PT	464717.7179	2872783.3504	208+08.72	14.49
1321	FL-PI	464737.3953	2872713.5829	207+39.93	8.35
1322	FL-PC	464741.9598	2872754.3442	207+80.85	11.05
1323	FL-PI	464774.1293	2872857.0548	208+84.93	38.50
1331	FL-PI	464727.4337	2872714.6984	207+40.59	1.65
1332	FL-PC	464735.6982	2872788.5011	208+14.69	3.23
1333	FL-PT	464728.4656	2872862.1509	208+87.93	7.35
1334	FL-PC	464728.0957	2872863.3163	208+89.08	7.78
1335	FL-PRC	464729.8626	2872865.0714	208+90.91	6.09
1336	FL-PI	464770.8091	2872861.4487	208+89.16	34.98
1341	FL-PC	464768.2991	2873161.2010	211+88.04	24.43
1342	FL-PT	464767.6087	2873182.1902	212+09.00	23.22
1343	FL-PC	464767.5917	2873183.9816	212+10.79	23.16

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
1344	FL-PT	464767.6813	2873262.1883	212+88.98	21.31
1345	FL-PI	464768.5995	2873311.9152	213+38.71	21.00
1351	FL-PC	464725.4863	2873138.4112	211+64.19	17.80
1352	FL-PT	464725.7259	2873171.5943	211+97.37	18.39
1353	FL-PC	464725.7117	2873172.7453	211+98.52	18.43
1354	FL-PT	464725.6859	2873262.8232	212+88.57	20.69
1355	FL-PI	464726.6131	2873312.9864	213+38.74	21.00
1361	FL-PI	464737.1509	2873042.1364	210+68.24	3.76
1362	FL-PRC	464771.5823	2873043.6131	210+70.57	30.62
1363	FL-PT	464773.0296	2873045.6375	210+72.63	32.02
1364	FL-PC	464772.6200	2873046.4358	210+73.41	31.59
1365	FL-PT	464752.6018	2873125.3628	211+51.82	9.63
1366	FL-PC	464752.1253	2873146.2740	211+72.71	8.63
1367	FL-PT	464751.6949	2873172.9786	211+99.40	7.54
1368	FL-PI	464751.5925	2873183.8305	212+10.25	7.17
1369	FL-PI	464751.5237	2873192.0853	212+18.50	6.90
1371	FL-PI	464733.1288	2873046.2809	210+72.28	7.88
1372	FL-PT	464743.0235	2873109.6930	211+35.92	0.44
1373	FL-PC	464742.0533	2873152.8941	211+79.08	1.60
1374	FL-PT	464741.6387	2873178.8852	212+05.06	2.66
1375	FL-PI	464741.5929	2873183.7361	212+09.90	2.83
1376	FL-PI	464741.5238	2873192.0266	212+18.19	3.10



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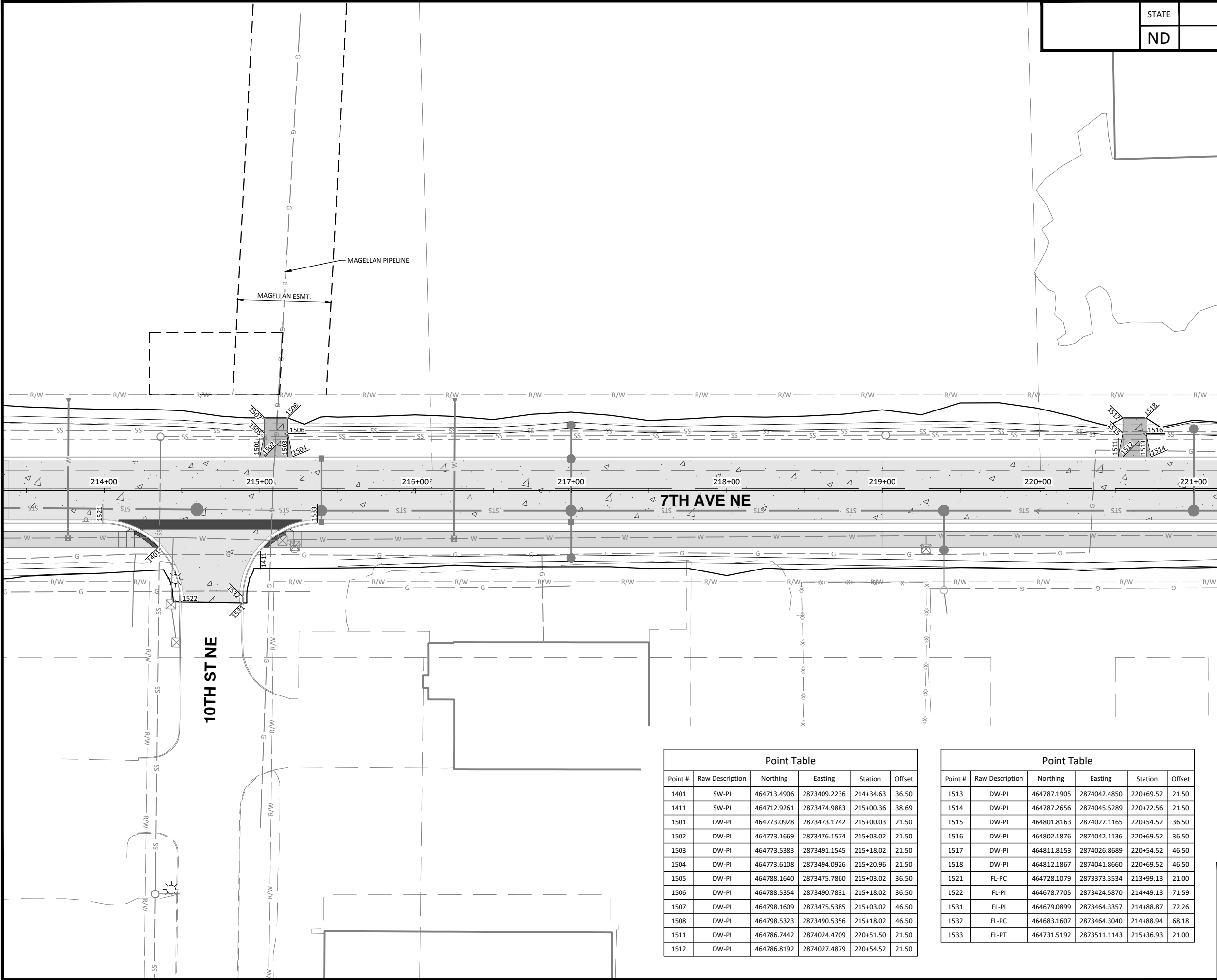


10/22/2025

General Layouts - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

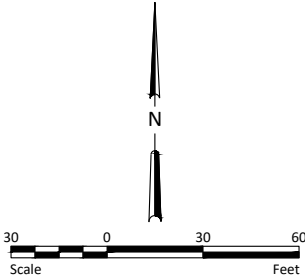
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Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
1401	SW-PI	464713.4906	2873409.2236	214+34.63	36.50
1411	SW-PI	464712.9261	2873474.9883	215+00.36	38.69
1501	DW-PI	464773.0928	2873473.1742	215+00.03	21.50
1502	DW-PI	464773.1669	2873476.1574	215+03.02	21.50
1503	DW-PI	464773.5383	2873491.1545	215+18.02	21.50
1504	DW-PI	464773.6108	2873494.0926	215+20.96	21.50
1505	DW-PI	464788.1640	2873475.7860	215+03.02	36.50
1506	DW-PI	464788.5354	2873490.7831	215+18.02	36.50
1507	DW-PI	464798.1609	2873475.5385	215+03.02	46.50
1508	DW-PI	464798.5323	2873490.5356	215+18.02	46.50
1511	DW-PI	464786.7442	2874024.4709	220+51.50	21.50
1512	DW-PI	464786.8192	2874027.4879	220+54.52	21.50

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
1513	DW-PI	464787.1905	2874042.4850	220+69.52	21.50
1514	DW-PI	464787.2656	2874045.5289	220+72.56	21.50
1515	DW-PI	464801.8163	2874027.1165	220+54.52	36.50
1516	DW-PI	464802.1876	2874042.1136	220+69.52	36.50
1517	DW-PI	464811.8153	2874026.8689	220+54.52	46.50
1518	DW-PI	464812.1867	2874041.8660	220+69.52	46.50
1521	FL-PC	464728.1079	2873373.3534	213+99.13	21.00
1522	FL-PI	464678.7705	2873424.5870	214+49.13	71.59
1531	FL-PI	464679.0899	2873464.3357	214+88.87	72.26
1532	FL-PC	464683.1607	2873464.3040	214+88.94	68.18
1533	FL-PT	464731.5192	2873511.1143	215+36.93	21.00

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	7



Notes:
Private utilities not shown for clarity.

WARNING
HIGH-PRESSURE PIPELINE(S)
 Excavation and/or Construction Prohibited
 Without compliance with **State One-Call**, AND
 Without Written Permission From
MAGELLAN PIPELINE COMPANY, L.P.
A MAGELLAN REPRESENTATIVE MUST BE PRESENT DURING WORK AROUND PIPELINE(S)

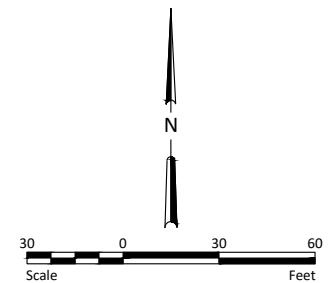
CITY OF WEST FARGO
HOUSTON engineering, inc.

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(UNLESS NOTED OTHERWISE)

REGISTERED PROFESSIONAL ENGINEER
ADAM M. RUDD
PE-10407
 DATE
NORTH DAKOTA
 10/22/2025

General Layouts - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit



Notes:
Private utilities not shown for clarity.



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10/22/2025

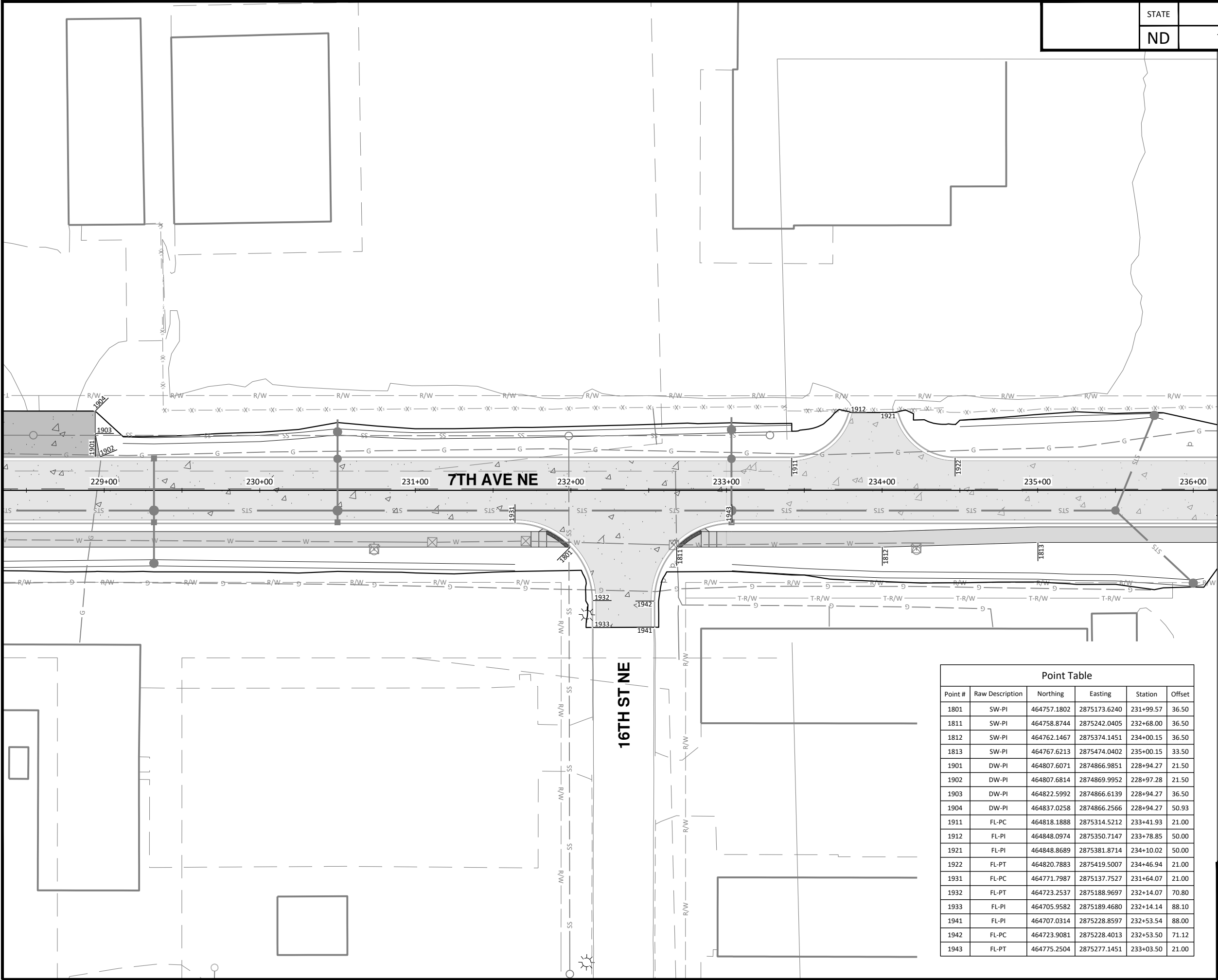
General Layouts - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

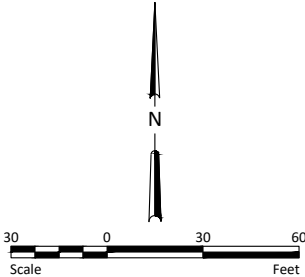
Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
1601	SW-PI	464734.8863	2874273.3126	222+98.98	36.50
1611	SW-PI	464736.5873	2874342.0038	223+67.69	36.50
1701	DW-PI	464789.3245	2874128.6754	221+55.73	21.50
1702	DW-PI	464789.4004	2874131.7290	221+58.79	21.50
1703	DW-PI	464790.1432	2874161.7232	221+88.79	21.50
1704	DW-PI	464790.2149	2874164.6310	221+91.70	21.50
1705	DW-PI	464804.3958	2874131.3577	221+58.79	36.50
1706	DW-PI	464805.1386	2874161.3518	221+88.79	36.50
1707	DW-PI	464814.8706	2874131.0983	221+58.79	46.98
1708	DW-PI	464815.6045	2874161.0927	221+88.79	46.97
1711	DW-PI	464796.6909	2874426.1593	224+53.31	21.50
1712	DW-PI	464796.7682	2874429.2680	224+56.42	21.50
1713	DW-PI	464797.3624	2874453.2633	224+80.42	21.50
1714	DW-PI	464797.4374	2874456.3041	224+83.46	21.50
1715	DW-PI	464811.7636	2874428.8967	224+56.42	36.50
1716	DW-PI	464812.3578	2874452.8920	224+80.42	36.50
1717	DW-PI	464822.1506	2874428.6395	224+56.42	46.89
1718	DW-PI	464822.7377	2874452.6350	224+80.42	46.88
1721	DW-PI	464805.7484	2874791.9340	228+19.20	21.50

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
1722	DW-PI	464805.8248	2874795.0072	228+22.27	21.50
1723	DW-PI	464820.8278	2874794.6356	228+22.27	36.50
1724	DW-PI	464835.2544	2874794.2784	228+22.27	50.90
1731	FL-PC	464749.5048	2874237.4413	222+63.48	21.00
1732	FL-PI	464700.6550	2874288.6662	223+13.48	71.10
1741	FL-PI	464701.5167	2874328.3652	223+53.19	71.20
1742	FL-PC	464701.8962	2874328.3570	223+53.19	70.80
1743	FL-PT	464752.9633	2874377.1075	224+03.19	21.00
1751	DW-PI	464759.1220	2874646.0168	226+72.17	21.50
1752	DW-PI	464759.1987	2874649.1148	226+75.27	21.50
1753	DW-PI	464759.9413	2874679.1056	227+05.27	21.50
1754	DW-PI	464760.0171	2874682.1644	227+08.33	21.50
1755	DW-PI	464754.1994	2874649.2386	226+75.27	26.50
1756	DW-PI	464754.9420	2874679.2294	227+05.27	26.50
1757	DW-PI	464744.2013	2874649.4862	226+75.27	36.50
1758	DW-PI	464744.9440	2874679.4770	227+05.27	36.50
1759	DW-PI	464726.7086	2874649.9194	226+75.27	54.00
1760	DW-PI	464727.4513	2874679.9102	227+05.27	54.00

\\Houston\hnl\BN\8600\865\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\080 - 9th St NE Layouts.dwg-Gen (10)-10/22/2025 10:06 AM-(jandresen)



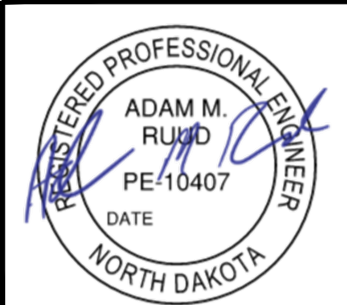
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	80	9



Notes:
Private utilities not shown for clarity.



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



Point Table				
Point #	Raw Description	Northing	Easting	Station Offset
1801	SW-PI	464757.1802	2875173.6240	231+99.57 36.50
1811	SW-PI	464758.8744	2875242.0405	232+68.00 36.50
1812	SW-PI	464762.1467	2875374.1451	234+00.15 36.50
1813	SW-PI	464767.6213	2875474.0402	235+00.15 33.50
1901	DW-PI	464807.6071	2874866.9851	228+94.27 21.50
1902	DW-PI	464807.6814	2874869.9952	228+97.28 21.50
1903	DW-PI	464822.5992	2874866.6139	228+94.27 36.50
1904	DW-PI	464837.0258	2874866.2566	228+94.27 50.93
1911	FL-PC	464818.1888	2875314.5212	233+41.93 21.00
1912	FL-PI	464848.0974	2875350.7147	233+78.85 50.00
1921	FL-PI	464848.8689	2875381.8714	234+10.02 50.00
1922	FL-PT	464820.7883	2875419.5007	234+46.94 21.00
1931	FL-PC	464771.7987	2875137.7527	231+64.07 21.00
1932	FL-PT	464723.2537	2875188.9697	232+14.07 70.80
1933	FL-PI	464705.9582	2875189.4680	232+14.14 88.10
1941	FL-PI	464707.0314	2875228.8597	232+53.54 88.00
1942	FL-PC	464723.9081	2875228.4013	232+53.50 71.12
1943	FL-PT	464775.2504	2875277.1451	233+03.50 21.00

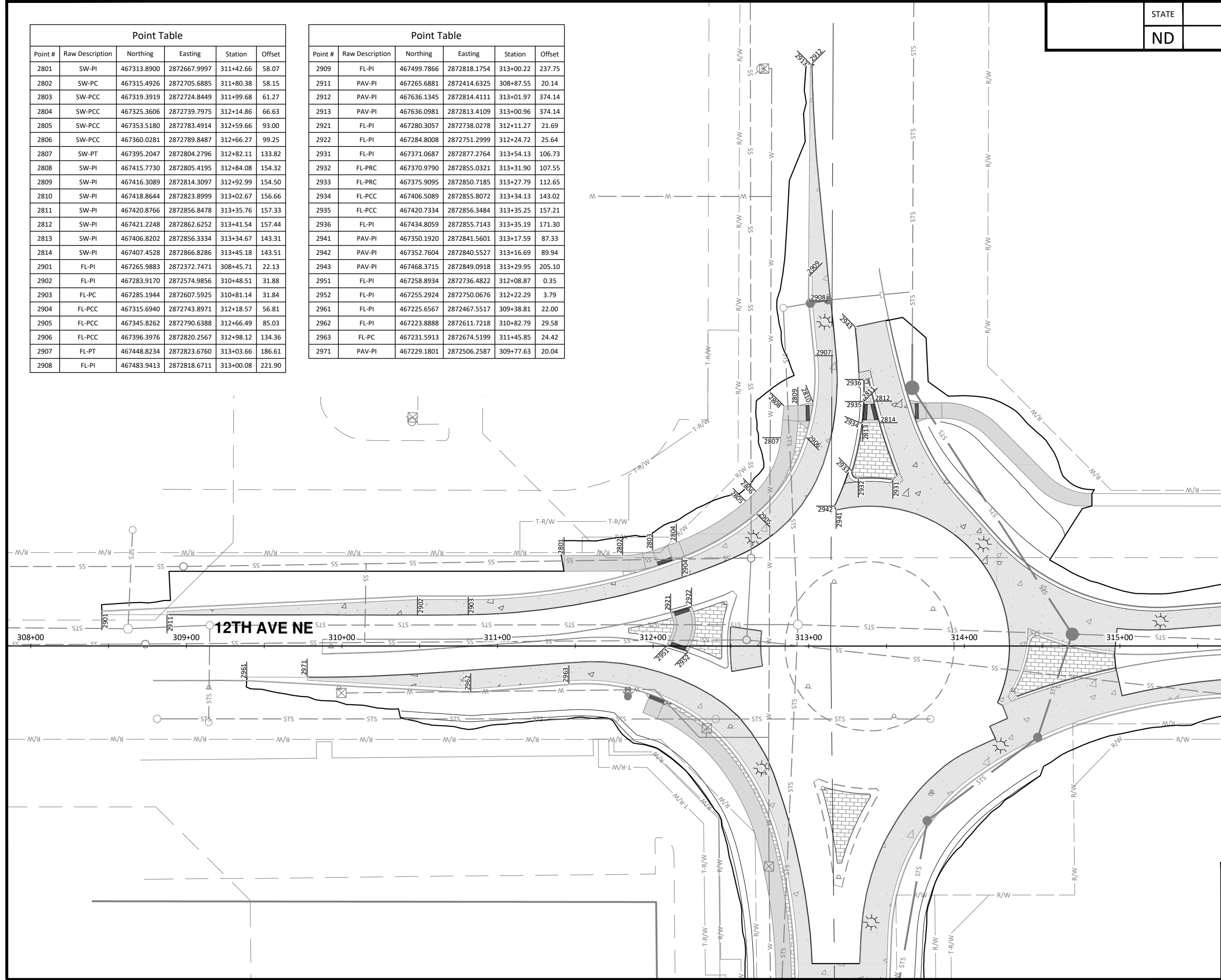
General Layouts - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

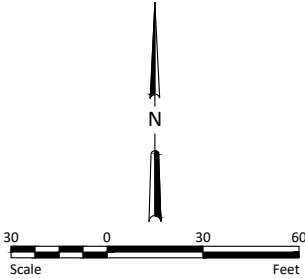
\\houston\hnl\BN\8600\8654\8654_0004 9th St NE.dwg-Gen (15)-10/22/2025 10:06 AM-(jandresen)

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
2801	SW-PI	467313.8900	2872667.9997	311+42.66	58.07
2802	SW-PC	467315.4926	2872705.6885	311+80.38	58.15
2803	SW-PCC	467319.3919	2872724.8449	311+99.68	61.27
2804	SW-PCC	467325.3606	2872739.7975	312+14.86	66.63
2805	SW-PCC	467353.5180	2872783.4914	312+59.66	93.00
2806	SW-PCC	467360.0281	2872789.8487	312+66.27	99.25
2807	SW-PT	467395.2047	2872804.2796	312+82.11	133.82
2808	SW-PI	467415.7730	2872805.4195	312+84.08	154.32
2809	SW-PI	467416.3089	2872814.3097	312+92.99	154.50
2810	SW-PI	467418.8644	2872823.8999	313+02.67	156.66
2811	SW-PI	467420.8766	2872856.8478	313+35.76	157.33
2812	SW-PI	467421.2248	2872862.6252	313+41.54	157.44
2813	SW-PI	467406.8202	2872856.3334	313+34.67	143.31
2814	SW-PI	467407.4528	2872866.8286	313+45.18	143.51
2901	FL-PI	467265.9883	2872372.7471	308+45.71	22.13
2902	FL-PI	467283.9170	2872574.9856	310+48.51	31.88
2903	FL-PC	467285.1944	2872607.5925	310+81.14	31.84
2904	FL-PCC	467315.6940	2872743.8971	312+18.57	56.81
2905	FL-PCC	467345.8262	2872790.6388	312+66.49	85.03
2906	FL-PCC	467396.3976	2872820.2567	312+98.12	134.36
2907	FL-PT	467448.8234	2872823.6760	313+03.66	186.61
2908	FL-PI	467483.9413	2872818.6711	313+00.08	221.90

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
2909	FL-PI	467499.7866	2872818.1754	313+00.22	237.75
2911	PAV-PI	467265.6881	2872414.6325	308+87.55	20.14
2912	PAV-PI	467636.1345	2872814.4111	313+01.97	374.14
2913	PAV-PI	467636.0981	2872813.4109	313+00.96	374.14
2921	FL-PI	467280.3057	2872738.0278	312+11.27	21.69
2922	FL-PI	467284.8008	2872751.2999	312+24.72	25.64
2931	FL-PI	467371.0687	2872877.2764	313+54.13	106.73
2932	FL-PRC	467370.9790	2872855.0321	313+31.90	107.55
2933	FL-PRC	467375.9095	2872850.7185	313+27.79	112.65
2934	FL-PCC	467406.5089	2872855.8072	313+34.13	143.02
2935	FL-PCC	467420.7334	2872856.3484	313+35.25	157.21
2936	FL-PI	467434.8059	2872855.7143	313+35.19	171.30
2941	PAV-PI	467350.1920	2872841.5601	313+17.59	87.33
2942	PAV-PI	467352.7604	2872840.5527	313+16.69	89.94
2943	PAV-PI	467468.3715	2872849.0918	313+29.95	205.10
2951	FL-PI	467258.8934	2872736.4822	312+08.87	0.35
2952	FL-PI	467255.2924	2872750.0676	312+22.29	3.79
2961	FL-PI	467225.6567	2872467.5517	309+38.81	22.00
2962	FL-PI	467223.8888	2872611.7218	310+82.79	29.58
2963	FL-PC	467231.5913	2872674.5199	311+45.85	24.42
2971	PAV-PI	467229.1801	2872506.2587	309+77.63	20.04



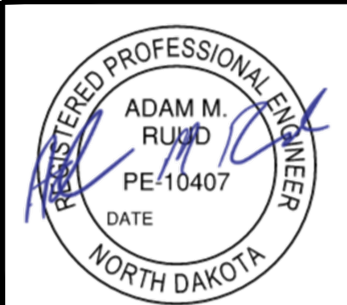
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	11



Notes:
Private utilities not shown for clarity.



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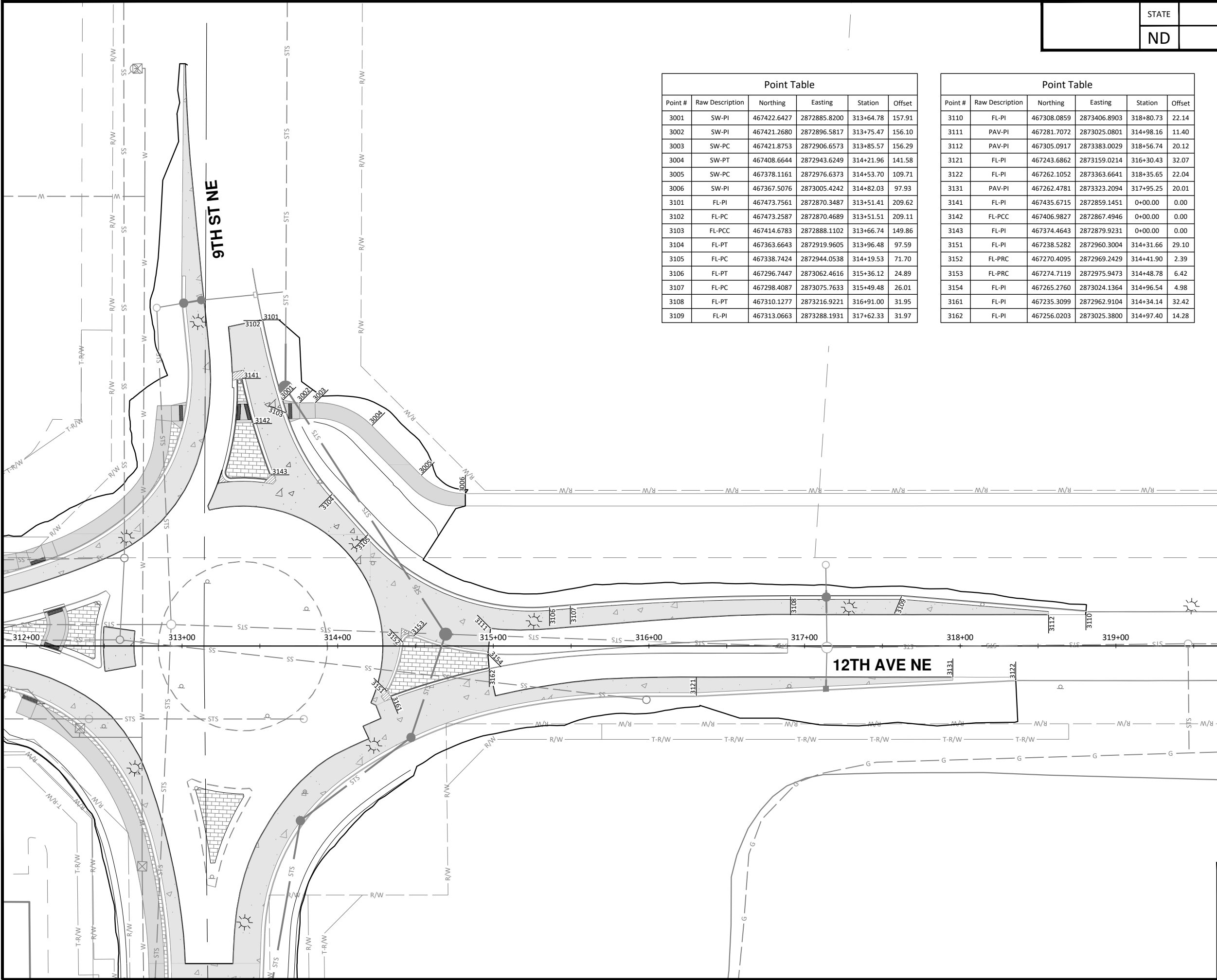


10/22/2025

General Layouts - 12th Ave NE

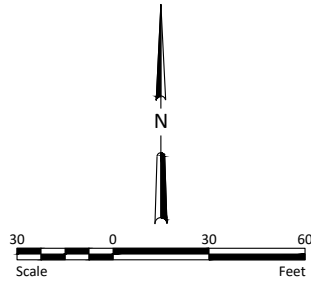
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hnl\BN\8600\8654\8654_0004 9th St NE.dwg-Gen (10-10/22/2025 10:06 AM-(jandresen)



Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3001	SW-PI	467422.6427	2872885.8200	313+64.78	157.91
3002	SW-PI	467421.2680	2872896.5817	313+75.47	156.10
3003	SW-PC	467421.8753	2872906.6573	313+85.57	156.29
3004	SW-PT	467408.6644	2872943.6249	314+21.96	141.58
3005	SW-PC	467378.1161	2872976.6373	314+53.70	109.71
3006	SW-PI	467367.5076	2873005.4242	314+82.03	97.93
3101	FL-PI	467473.7561	2872870.3487	313+51.41	209.62
3102	FL-PC	467473.2587	2872870.4689	313+51.51	209.11
3103	FL-PCC	467414.6783	2872888.1102	313+66.74	149.86
3104	FL-PT	467363.6643	2872919.9605	313+96.48	97.59
3105	FL-PC	467338.7424	2872944.0538	314+19.53	71.70
3106	FL-PT	467296.7447	2873062.4616	315+36.12	24.89
3107	FL-PC	467298.4087	2873075.7633	315+49.48	26.01
3108	FL-PT	467310.1277	2873216.9221	316+91.00	31.95
3109	FL-PI	467313.0663	2873288.1931	317+62.33	31.97

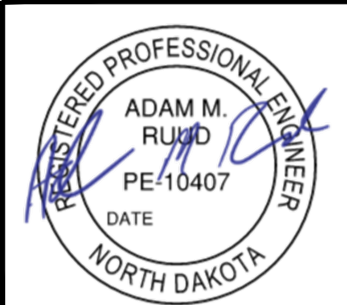
Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3110	FL-PI	467308.0859	2873406.8903	318+80.73	22.14
3111	PAV-PI	467281.7072	2873025.0801	314+98.16	11.40
3112	PAV-PI	467305.0917	2873383.0029	318+56.74	20.12
3121	FL-PI	467243.6862	2873159.0214	316+30.43	32.07
3122	FL-PI	467262.1052	2873363.6641	318+35.65	22.04
3131	PAV-PI	467262.4781	2873323.2094	317+95.25	20.01
3141	FL-PI	467435.6715	2872859.1451	0+00.00	0.00
3142	FL-PCC	467406.9827	2872867.4946	0+00.00	0.00
3143	FL-PI	467374.4643	2872879.9231	0+00.00	0.00
3151	FL-PI	467238.5282	2872960.3004	314+31.66	29.10
3152	FL-PRC	467270.4095	2872969.2429	314+41.90	2.39
3153	FL-PRC	467274.7119	2872975.9473	314+48.78	6.42
3154	FL-PI	467265.2760	2873024.1364	314+96.54	4.98
3161	FL-PI	467235.3099	2872962.9104	314+34.14	32.42
3162	FL-PI	467256.0203	2873025.3800	314+97.40	14.28



Notes:
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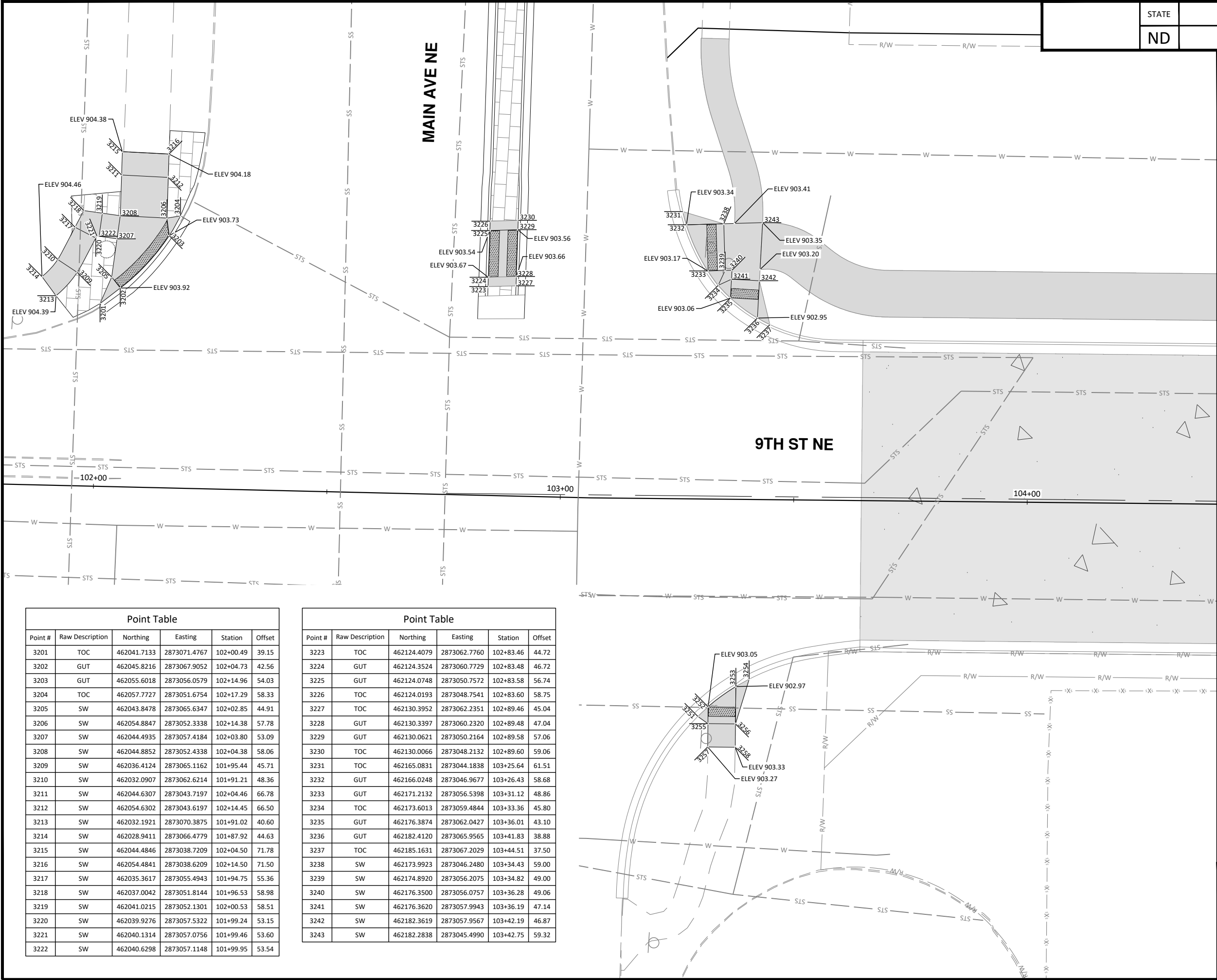
ALL ELEVATIONS ARE BASED ON
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(UNLESS NOTED OTHERWISE)



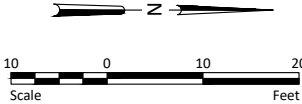
General Layouts - 12th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\Houston\hrl\BN\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\080 - 9th St NE Small Scale.dwg Gen (1)-10/22/2025 10:08 AM-[jandresen]



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	13

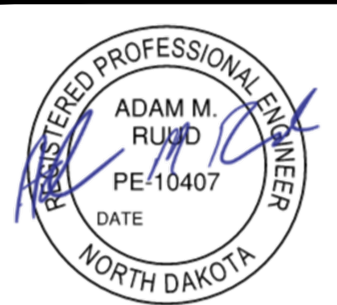


Notes:
All elevations shown at back of curb
are top back of curb.

Private utilities not shown for clarity.



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THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



10/22/2025

General Layouts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\BN\8600\8654\8654_0004 9th St CAD\0_CITY PROJECT\Plans\080 - 9th St NE Small Scale.dwg Gen (2)-10/22/2025 10:08 AM-[jandresen]

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3301	TOC	464711.4644	2872844.7537	128+78.89	130.33
3302	GUT	464712.3492	2872841.8697	128+79.92	133.16
3303	GUT	464714.9893	2872831.5303	128+83.08	143.35
3304	TOC	464715.6018	2872828.5421	128+83.85	146.30
3305	SW	464706.9493	2872842.4456	128+74.50	132.86
3306	SW	464705.8888	2872832.5008	128+73.95	142.85

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3307	SW	464697.4025	2872839.4691	128+65.11	136.32
3308	SW	464699.1798	2872833.2163	128+67.21	142.48
3311	TOC	464734.1809	2872841.5529	129+01.74	132.36
3312	GUT	464734.5576	2872839.5002	129+02.22	134.39
3313	GUT	464736.0674	2872829.2825	129+04.25	144.52
3314	TOC	464736.2964	2872827.2467	129+04.58	146.54

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3315	TOC	464758.7237	2872824.8551	129+27.10	147.78
3316	GUT	464759.4785	2872826.7859	129+27.76	145.81
3317	GUT	464763.4907	2872836.4147	129+31.27	135.99
3318	TOC	464764.3419	2872838.3364	129+32.02	134.03
3321	TOC	464780.4528	2872821.6398	129+48.97	149.88
3322	GUT	464781.7458	2872824.4113	129+50.12	147.04

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3323	GUT	464786.5147	2872833.9605	129+54.39	137.26
3324	TOC	464787.9239	2872836.6044	129+55.66	134.55
3325	SW	464790.8113	2872823.4445	129+59.22	147.54
3326	SW	464791.8718	2872833.3892	129+59.77	137.56
3327	SW	464797.6059	2872822.7199	129+71.44	147.84
3328	SW	464800.6868	2872828.6674	129+73.99	141.65

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3401	TOC	464633.8435	2872931.9792	127+96.90	47.19
3402	GUT	464631.0449	2872933.2087	127+94.05	46.10
3403	GUT	464621.3287	2872936.9442	127+84.15	42.87
3404	TOC	464618.5002	2872937.8826	127+81.28	42.08
3405	SW	464630.5942	2872927.9543	127+93.86	51.37
3406	SW	464620.8876	2872931.8031	127+83.97	48.03

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3407	SW	464626.5604	2872918.8039	127+90.30	60.72
3408	SW	464617.5547	2872922.3748	127+81.13	57.61
3411	TOC	464634.8592	2872954.2704	127+96.78	24.87
3412	GUT	464632.9069	2872954.9120	127+94.79	24.33
3413	GUT	464623.1120	2872957.7319	127+84.87	22.02
3414	TOC	464621.1465	2872958.2195	127+82.88	21.63

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3415	TOC	464622.3054	2872971.7276	127+83.35	8.08
3416	GUT	464624.3239	2872971.8583	127+85.35	7.85
3417	GUT	464634.4471	2872972.8660	127+95.41	6.32
3418	TOC	464636.4779	2872973.1394	127+97.43	5.95
3421	TOC	464623.0584	2872992.2065	127+83.05	12.41
3422	GUT	464626.1026	2872992.5916	127+86.07	12.95

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3423	GUT	464636.2866	2872994.3082	127+96.15	15.18
3424	TOC	464641.2902	2872995.3981	128+01.09	16.53
3425	SW	464626.7506	2873000.1450	127+86.33	20.53
3426	SW	464636.7141	2872999.2902	127+96.32	20.18
3427	SW	464627.4128	2873007.8636	127+86.60	28.27
3428	SW	464635.0520	2873009.1511	127+94.16	29.95



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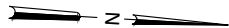
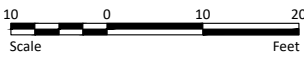
10/22/2025

General Layouts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

Notes:
All elevations shown at back of curb
are top back of curb.

Private utilities not shown for clarity.



\\houston\hrl\BN\8600\8654\8654_0004 9th St NE\City Project\Plans\080 - 9th St NE Small Scale.dwg Gen (3)-10/22/2025 10:09 AM-[jandresen]

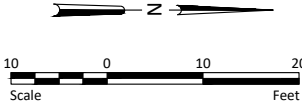
Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3501	TOC	465530.9535	2872884.4695	136+96.56	22.11
3502	GUT	465535.9435	2872883.0395	137+01.66	23.10
3505	SW	465530.8321	2872883.0888	136+96.56	23.50
3506	SW	465529.9565	2872873.1272	136+96.56	33.50
3507	SW	465525.8513	2872883.5266	136+91.56	23.50
3508	SW	465524.9757	2872873.5651	136+91.56	33.50
3512	GUT	465640.3385	2872866.1276	138+06.00	33.50

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3513	GUT	465661.6530	2872875.2003	138+26.81	23.32
3514	TOC	465666.7484	2872875.9951	138+31.86	22.26
3515	SW	465666.1573	2872864.7681	138+31.86	33.50
3516	SW	465666.6831	2872874.7543	138+31.86	23.50
3517	SW	465671.1503	2872864.5052	138+36.86	33.50
3518	SW	465671.6762	2872874.4914	138+36.86	23.50

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3601	TOC	466337.1844	2872847.0537	145+01.94	22.27
3602	GUT	466342.2630	2872845.9565	145+07.03	23.36
3603	GUT	466363.7761	2872835.0476	145+28.57	34.20
3605	SW	466337.1541	2872845.6466	145+01.92	23.68
3606	SW	466336.9299	2872835.6496	145+01.73	33.68
3607	SW	466332.1554	2872845.7593	144+96.92	23.58
3608	SW	466331.9312	2872835.7618	144+96.73	33.58

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3612	GUT	466445.2174	2872833.2207	146+10.02	35.77
3613	GUT	466461.6827	2872843.2768	146+26.45	25.66
3614	TOC	466464.5063	2872844.3189	146+29.27	24.61
3615	SW	466466.6275	2872832.7404	146+31.43	36.18
3616	SW	466466.8517	2872842.7379	146+31.62	26.18
3617	SW	466471.6262	2872832.6283	146+36.43	36.28
3618	SW	466471.8505	2872842.6258	146+36.62	26.28

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	15



Notes:
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General Layouts - 9th St NE

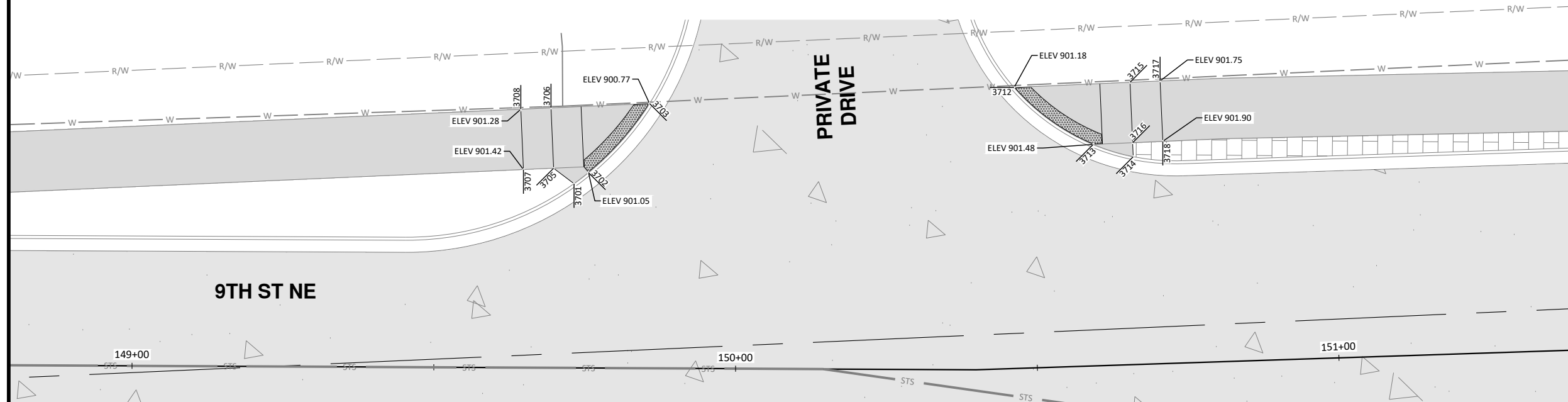
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3701	TOC	466808.3029	2872837.3444	149+73.09	30.50
3702	GUT	466810.6764	2872835.4999	149+75.47	32.34
3703	GUT	466820.7172	2872823.9797	149+85.55	43.83
3705	SW	466804.9012	2872834.8158	149+69.70	33.04
3706	SW	466804.3823	2872824.8282	149+69.21	43.03

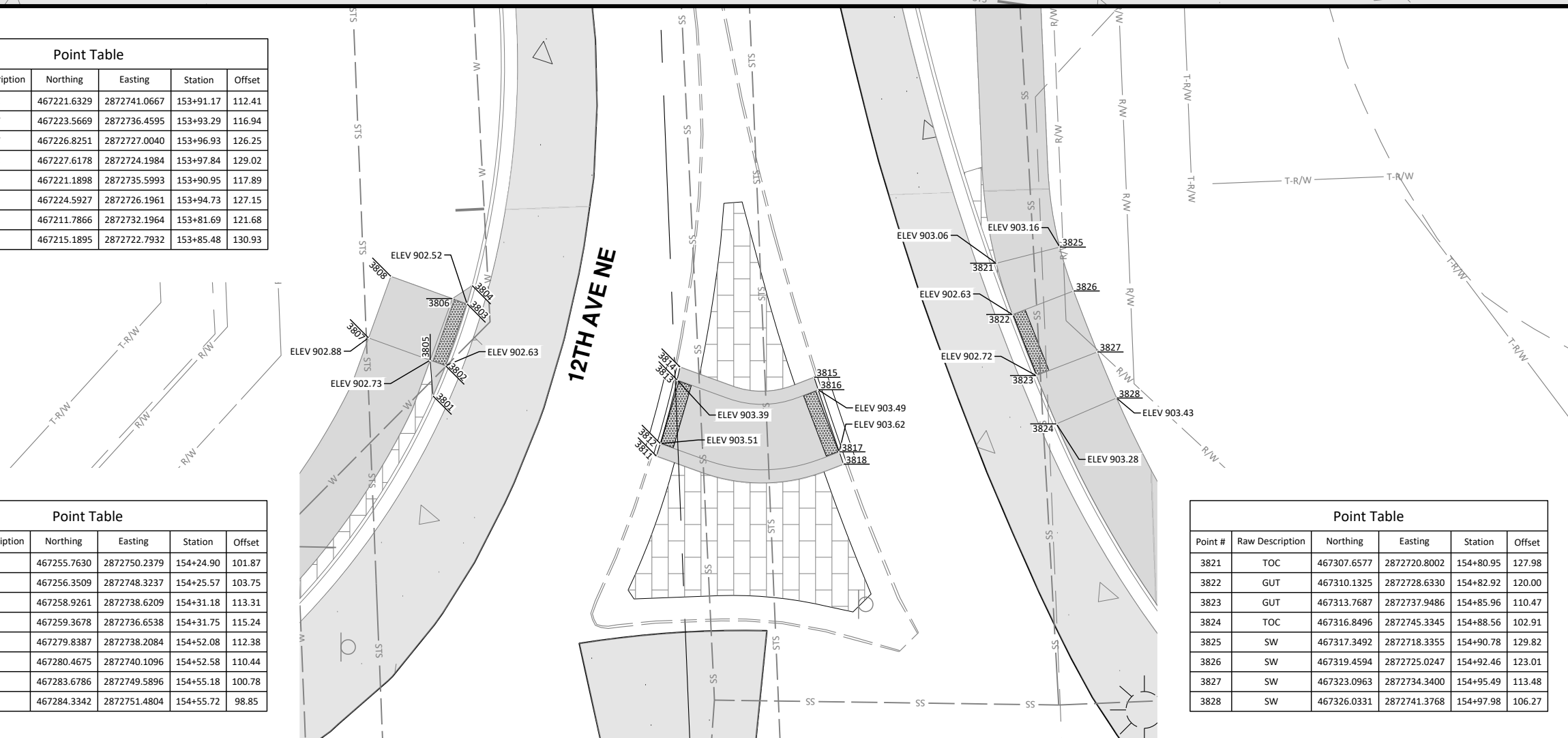
Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3707	SW	466799.9079	2872835.0752	149+64.70	32.80
3708	SW	466799.3890	2872825.0876	149+64.22	42.79
3712	GUT	466881.0821	2872820.8436	150+47.67	46.51
3713	GUT	466894.2599	2872830.1736	150+60.46	36.66
3714	TOC	466900.9218	2872832.1516	150+67.03	34.41

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3715	SW	466900.2824	2872819.8461	150+66.89	46.7
3716	SW	466900.8013	2872829.8337	150+67.01	36.7
3717	SW	466905.2750	2872819.5736	150+71.89	46.8
3718	SW	466905.7946	2872829.5743	150+72.00	36.7

$T-R/W$ $T-R/W$ $T-R/W$ $T-R/W$ $T-R/W$
 R/W R/W R/W R/W R/W



Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3801	TOC	467221.6329	2872741.0667	153+91.17	112.41
3802	GUT	467223.5669	2872736.4595	153+93.29	116.94
3803	GUT	467226.8251	2872727.0040	153+96.93	126.25
3804	TOC	467227.6178	2872724.1984	153+97.84	129.07
3805	SW	467221.1898	2872735.5993	153+90.95	117.85
3806	SW	467224.5927	2872726.1961	153+94.73	127.15
3807	SW	467211.7866	2872732.1964	153+81.69	121.68
3808	SW	467215.1895	2872722.7932	153+85.48	130.93

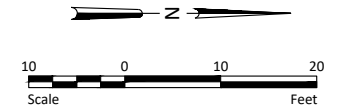


Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3811	TOC	467255.7630	2872750.2379	154+24.90	101.87
3812	GUT	467256.3509	2872748.3237	154+25.57	103.75
3813	GUT	467258.9261	2872738.6209	154+31.18	113.31
3814	TOC	467259.3678	2872736.6538	154+31.75	115.24
3815	TOC	467279.8387	2872738.2084	154+52.08	112.38
3816	GUT	467280.4675	2872740.1096	154+52.58	110.44
3817	GUT	467283.6786	2872749.5891	154+55.18	100.78
3818	TOC	467284.3342	2872751.4804	154+55.72	98.85

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
3821	TOC	467307.6577	2872720.8002	154+80.95	127.5
3822	GUT	467310.1325	2872728.6330	154+82.92	120.0
3823	GUT	467313.7687	2872737.9486	154+85.96	110.4
3824	TOC	467316.8496	2872745.3345	154+88.56	102.9
3825	SW	467317.3492	2872718.3355	154+90.78	129.8
3826	SW	467319.4594	2872725.0247	154+92.46	123.0
3827	SW	467323.0963	2872734.3400	154+95.49	113.4
3828	SW	467326.0331	2872741.3768	154+97.98	106.2

STATE
ND

PROJECT NO.	SECTION NO.	SHEET NO.
TMA-SU-FXP-8-992(045)	80	16



Notes:
All elevations shown at back of curb
are top back of curb.

Private utilities not shown for clarity.



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

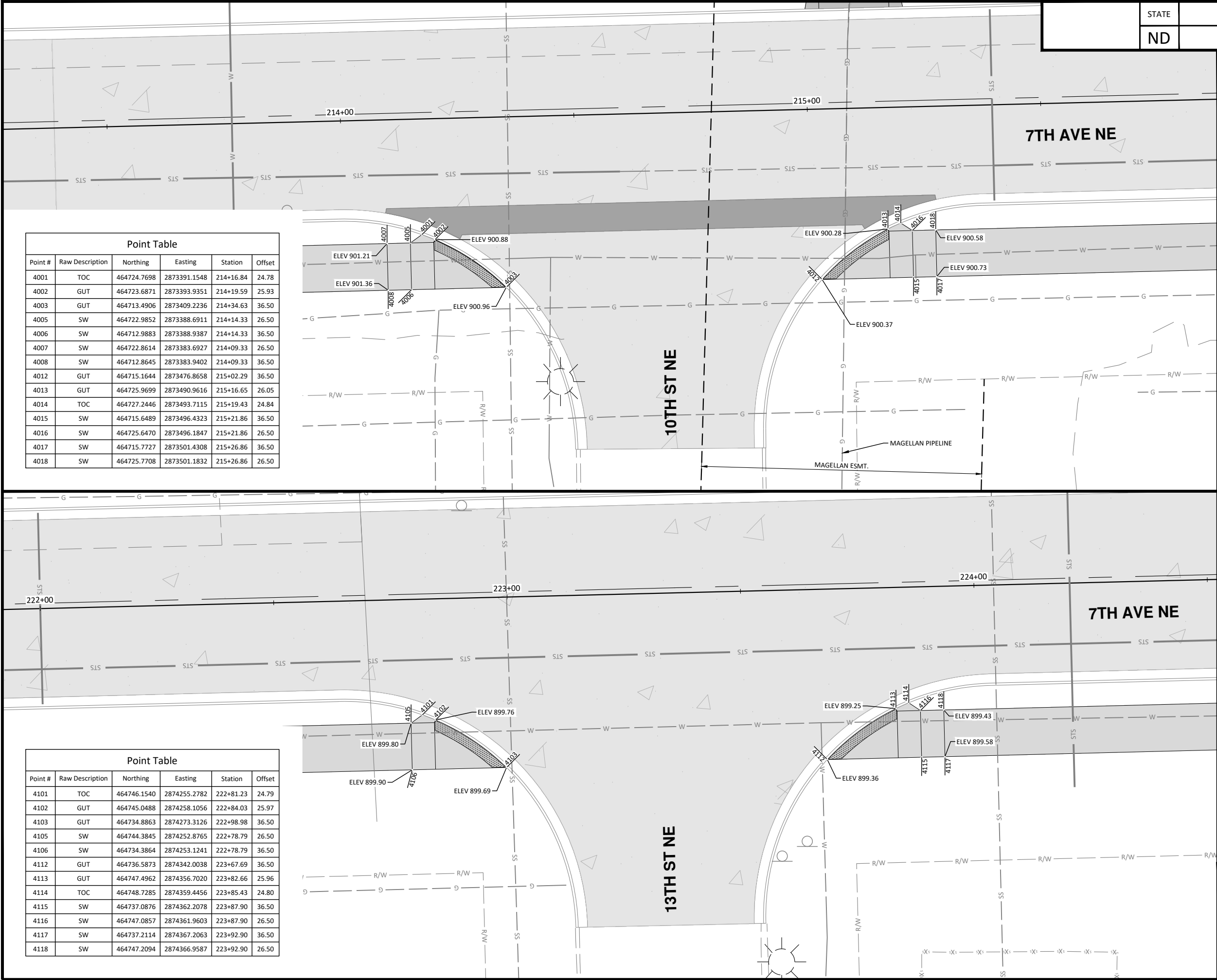


10/22/2025

General Layouts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

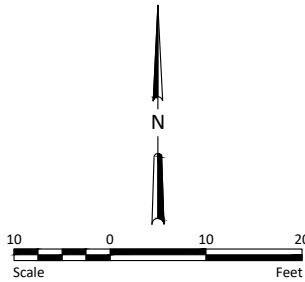
\\houston\hnl\BN\8600\8654\8654_0004 9th St CAD\0_CITY PROJECT\Plans\080 - 7th Ave NE Small Scale.dwg-Gen (1-10/22/2025 10:12 AM-[jandresen])



Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
4001	TOC	464724.7698	2873391.1548	214+16.84	24.78
4002	GUT	464723.6871	2873393.9351	214+19.59	25.93
4003	GUT	464713.4906	2873409.2236	214+34.63	36.50
4005	SW	464722.9852	2873388.6911	214+14.33	26.50
4006	SW	464712.9883	2873388.9387	214+14.33	36.50
4007	SW	464722.8614	2873383.6927	214+09.33	26.50
4008	SW	464712.8645	2873383.9402	214+09.33	36.50
4012	GUT	464715.1644	2873476.8658	215+02.29	36.50
4013	GUT	464725.9699	2873490.9616	215+16.65	26.05
4014	TOC	464727.2446	2873493.7115	215+19.43	24.84
4015	SW	464715.6489	2873496.4323	215+21.86	36.50
4016	SW	464725.6470	2873496.1847	215+21.86	26.50
4017	SW	464715.7727	2873501.4308	215+26.86	36.50
4018	SW	464725.7708	2873501.1832	215+26.86	26.50

Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
4101	TOC	464746.1540	2874255.2782	222+81.23	24.79
4102	GUT	464745.0488	2874258.1056	222+84.03	25.97
4103	GUT	464734.8863	2874273.3126	222+98.98	36.50
4105	SW	464744.3845	2874252.8765	222+78.79	26.50
4106	SW	464734.3864	2874253.1241	222+78.79	36.50
4112	GUT	464736.5873	2874342.0038	223+67.69	36.50
4113	GUT	464747.4962	2874356.7020	223+82.66	25.96
4114	TOC	464748.7285	2874359.4456	223+85.43	24.80
4115	SW	464737.0876	2874362.2078	223+87.90	36.50
4116	SW	464747.0857	2874361.9603	223+87.90	26.50
4117	SW	464737.2114	2874367.2063	223+92.90	36.50
4118	SW	464747.2094	2874366.9587	223+92.90	26.50

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	18



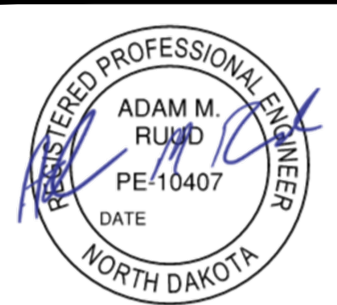
Notes:
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are top back of curb.

Private utilities not shown for clarity.

WARNING
HIGH-PRESSURE PIPELINE(S)
Excavation and/or Construction Prohibited
Without compliance with **State One-Call**, AND
Without Written Permission From
MAGELLAN PIPELINE COMPANY, L.P.
A MAGELLAN REPRESENTATIVE MUST BE PRESENT DURING WORK AROUND PIPELINE(S)



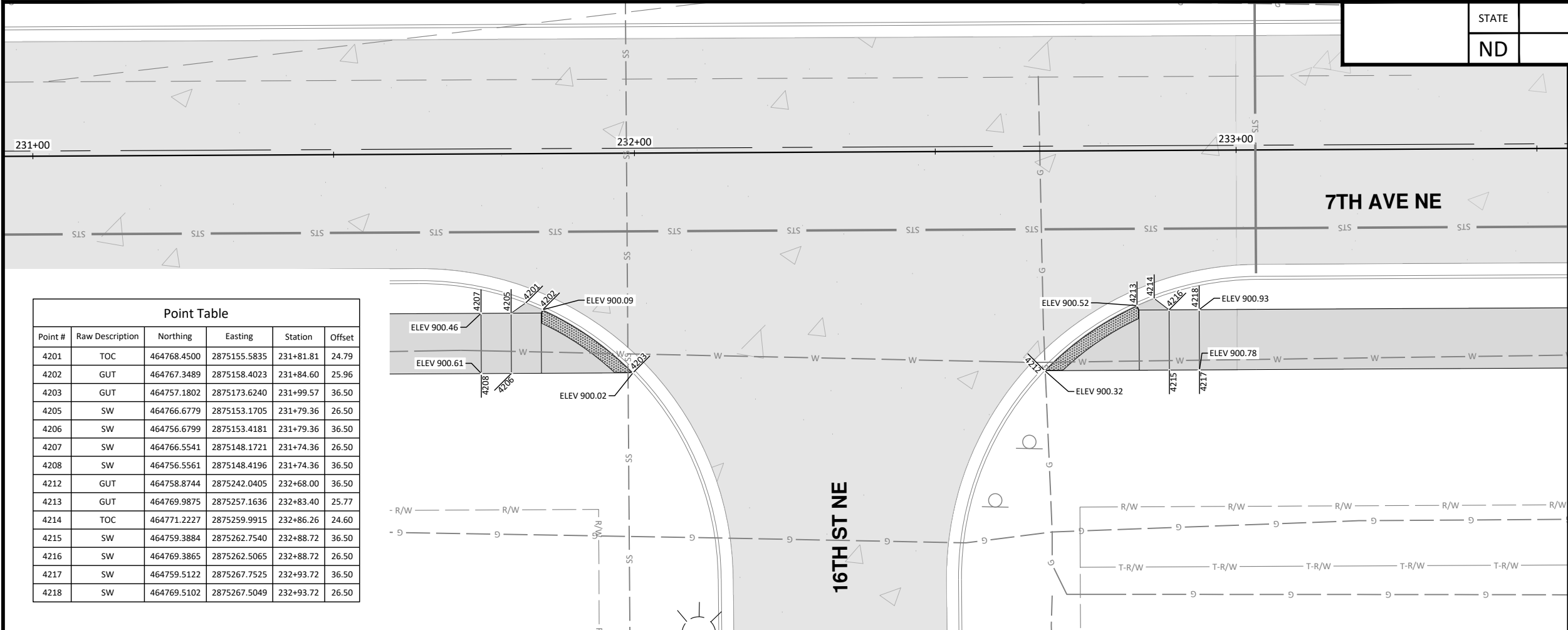
ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



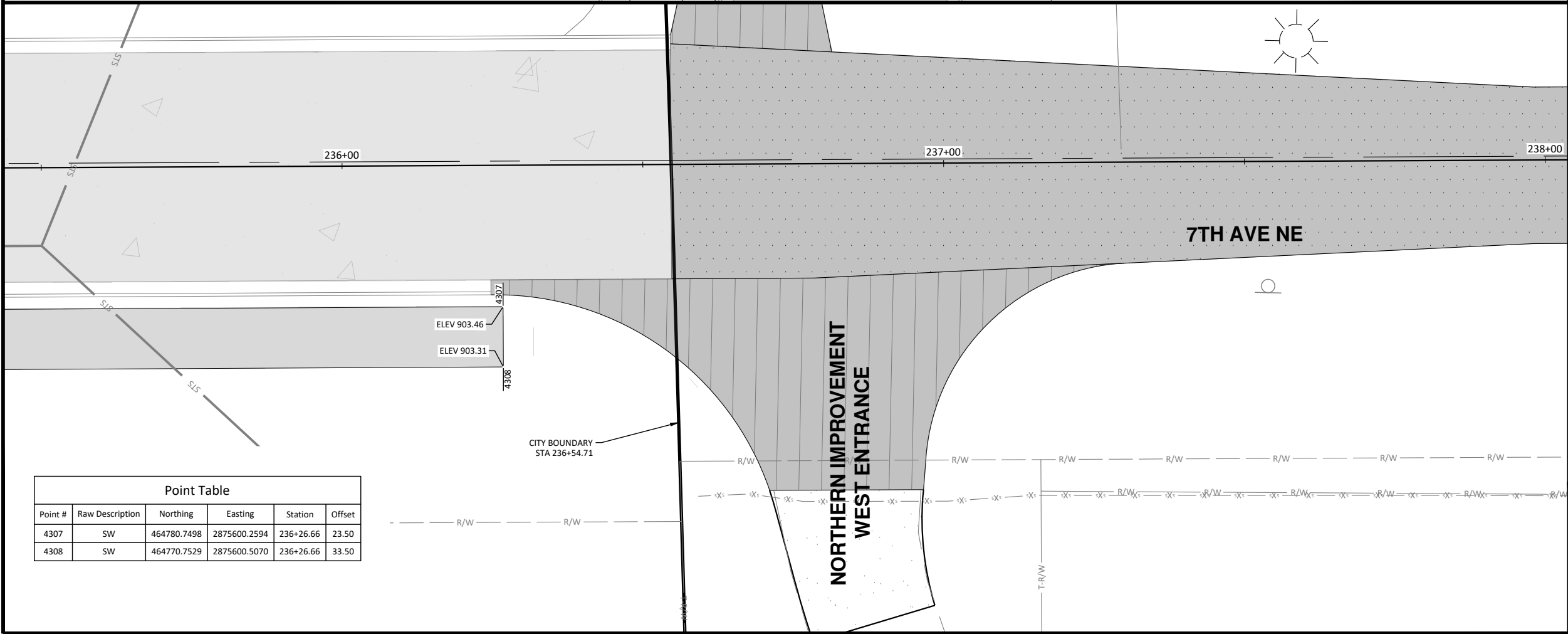
General Layouts - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

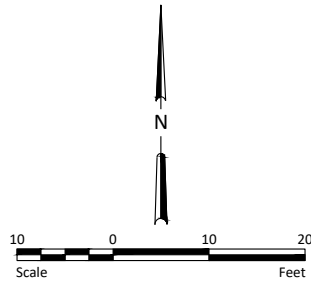
\\houston\hnl\BN\8600\8654\8654_0004 8th St CAD\0_CITY PROJECT\Plans\080 - 7th Ave NE Small Scale.dwg-Gen (2:10/22/2025 10:13 AM-[jandresen])



Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
4201	TOC	464768.4500	2875155.5835	231+81.81	24.79
4202	GUT	464767.3489	2875158.4023	231+84.60	25.96
4203	GUT	464757.1802	2875173.6240	231+99.57	36.50
4205	SW	464766.6779	2875153.1705	231+79.36	26.50
4206	SW	464756.6799	2875153.4181	231+79.36	36.50
4207	SW	464766.5541	2875148.1721	231+74.36	26.50
4208	SW	464756.5561	2875148.4196	231+74.36	36.50
4212	GUT	464758.8744	2875242.0405	232+68.00	36.50
4213	GUT	464769.9875	2875257.1636	232+83.40	25.77
4214	TOC	464771.2227	2875259.9915	232+86.26	24.60
4215	SW	464759.3884	2875262.7540	232+88.72	36.50
4216	SW	464769.3865	2875262.5065	232+88.72	26.50
4217	SW	464759.5122	2875267.7525	232+93.72	36.50
4218	SW	464769.5102	2875267.5049	232+93.72	26.50



Point Table					
Point #	Raw Description	Northing	Easting	Station	Offset
4307	SW	464780.7498	2875600.2594	236+26.66	23.50
4308	SW	464770.7529	2875600.5070	236+26.66	33.50



Notes:
All elevations shown at back of curb
are top back of curb.

Private utilities not shown for clarity.

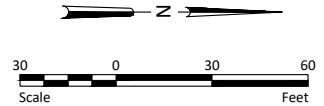


ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



General Layouts - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit



DETECTABLE WARNING PANEL



TURNING SPACE/LANDING
USE AT TOP OF RAMP OR WHEN
CHANGING DIRECTIONS.
1.5% PREFERRED SLOPE (2% MAXIMUM)
ALL DIRECTIONS.



PREFERRED RAMP GRADE = 5% TO 7.5%
 MAXIMUM CONSTRCTED GRADE = 8.3%
 PREFRRRED CROSS SLOPE = 1.5%
 MAXIMUM CONSTRUCTED CROSS SLOPE = 2%
 MAXIMUM LENGTH = 15 FEET



10:1 MAXIMUM CONSTRUCTED SLOPE



4:1 MAXIMUM CONSTRUCTED SLOPE

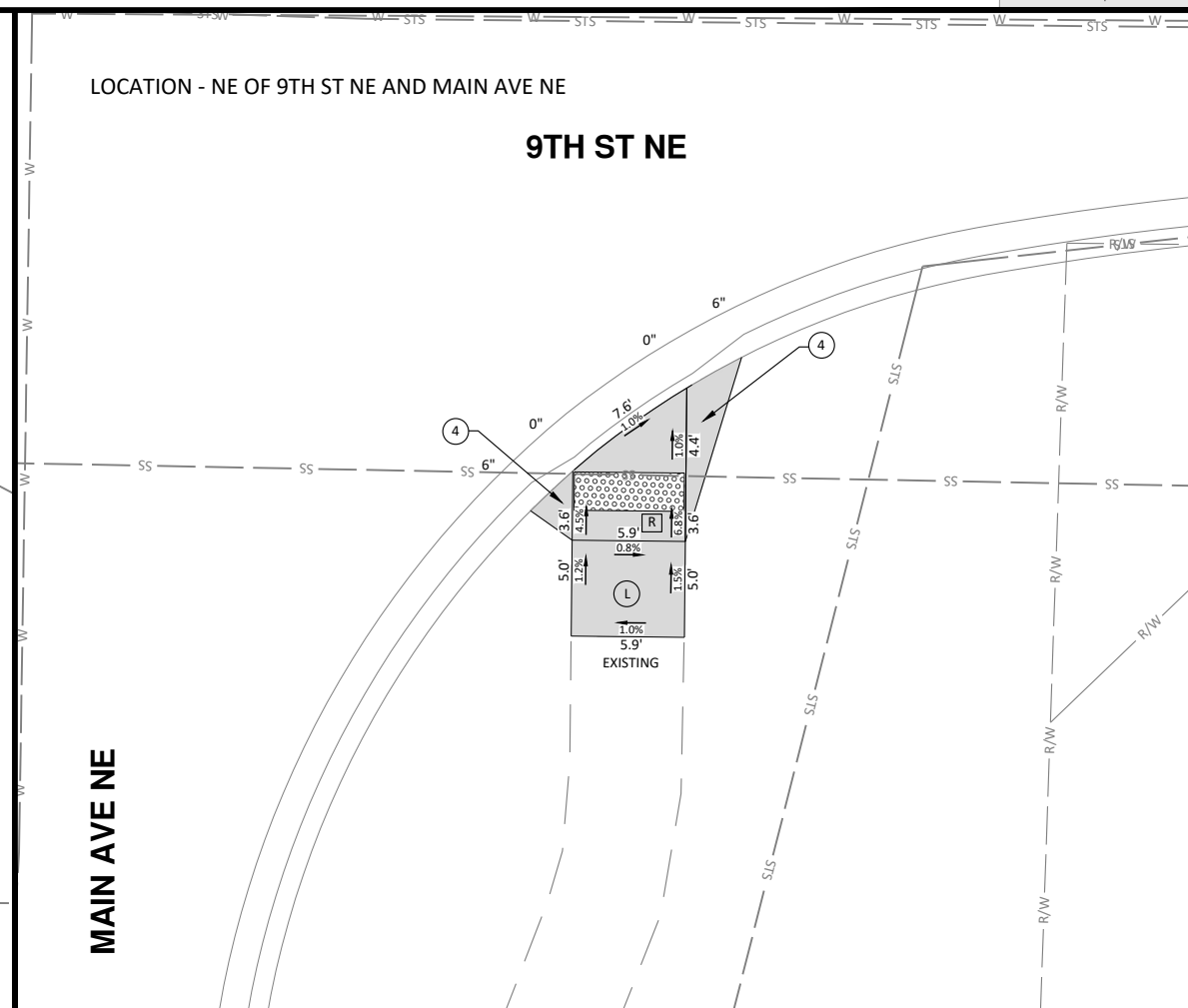
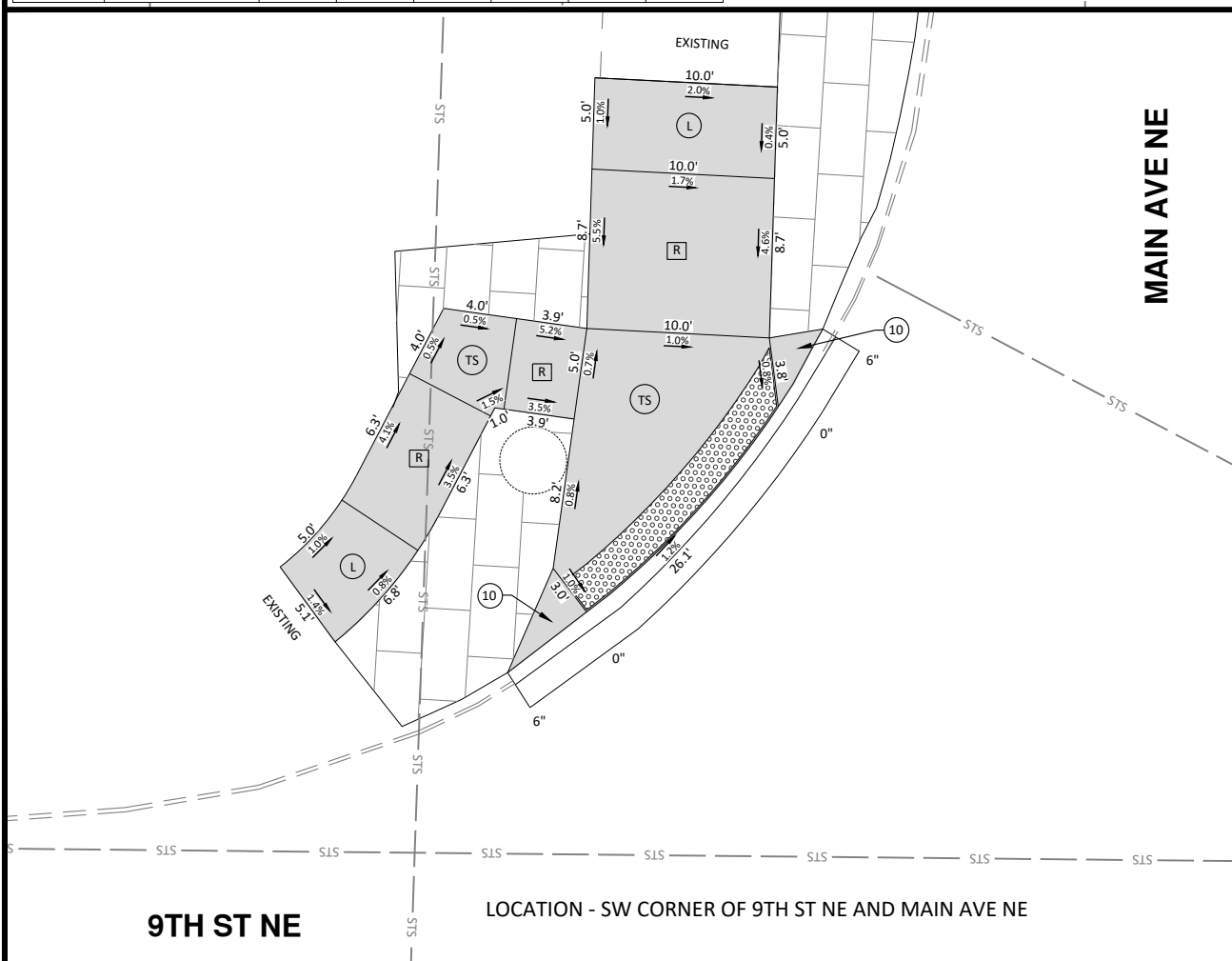


CURB HEIGHT

0", 3", OR 6"

Notes:
Private utilities not shown for clarity.

			Crossing Direction	Area (SF)	Front Radius (Ft)	Front Chord (LF)	Back Radius (Ft)	Back Chord (LF)
Intersection	Quadrant							
9th St NE & Main Ave	SVW		N-S, E-W	32	47.71	15.22	45.71	16.97
	W Median	S	N-S	20	N/A	9.85	N/A	9.85
	W Median	N	N-S	20	N/A	9.85	N/A	9.85
	NW		N-S	20	N/A	9.83	N/A	9.83
			E-W	12	N/A	5.83	N/A	5.83
	NE		E-W	11	N/A	5.73	N/A	5.73



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10/22/2025

Curb Ramp Layouts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit



LEGEND

DETECTABLE WARNING PANEL

TURNING SPACE/LANDING
USE AT TOP OF RAMP OR WHEN
CHANGING DIRECTIONS.
1.5% PREFERRED SLOPE (2% MAXIMUM)
ALL DIRECTIONS.

PREFERRED RAMP GRADE = 5% TO 7.5%
 MAXIMUM CONSTRUCTED GRADE = 8.3%
 PREFERRED CROSS SLOPE = 1.5%
 MAXIMUM CONSTRUCTED CROSS SLOPE = 2%
 MAXIMUM LENGTH = 15 FEET

10:1 MAXIMUM CONSTRUCTED SLOPE

4:1 MAXIMUM CONSTRUCTED SLOPE

CURB HEIGHT

(L) (TS)

R

(10)

④

0", 3", OR 6"

Notes:

Private utilities not shown for clarity.

			Crossing Direction	Area (SF)	Front Radius (Ft)	Front Chord (LF)	Back Radius (Ft)	Back Chord (LF)
Intersection	Quadrant							
9th St NE & 7th Ave NE	SW	S	E-W	20	N/A	9.83	N/A	9.83
	S Median	W	E-W	20	N/A	9.98	N/A	9.98
	S Median	E	E-W	20	N/A	9.97	N/A	9.97
	SE	S	E-W	20	N/A	9.83	N/A	9.83
	SW	W	N-S	20	N/A	9.83	N/A	9.83
	W Median	S	N-S	20	N/A	10.1	N/A	10.1
	W Median	N	N-S	20	N/A	10.2	N/A	10.2
	NW	W	N-S	20	N/A	9.83	N/A	9.83

LOCATION - WEST LEG OF 9TH ST NE AND 7TH AVE NE RAB

9TH ST NE

9TH ST NE

LOCATION - SOUTH LEG OF 9TH ST NE AND 7TH AVE NE RAB



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

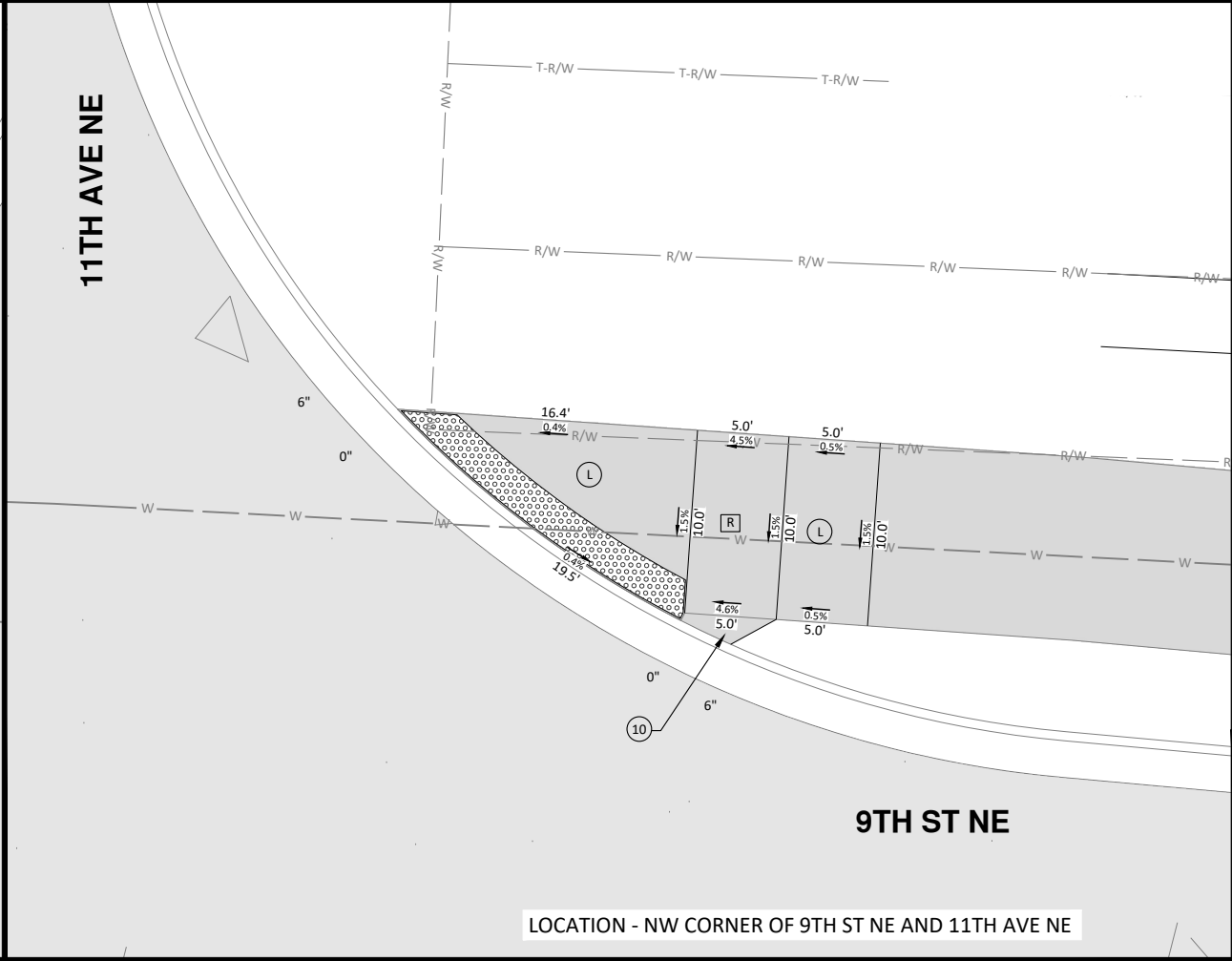
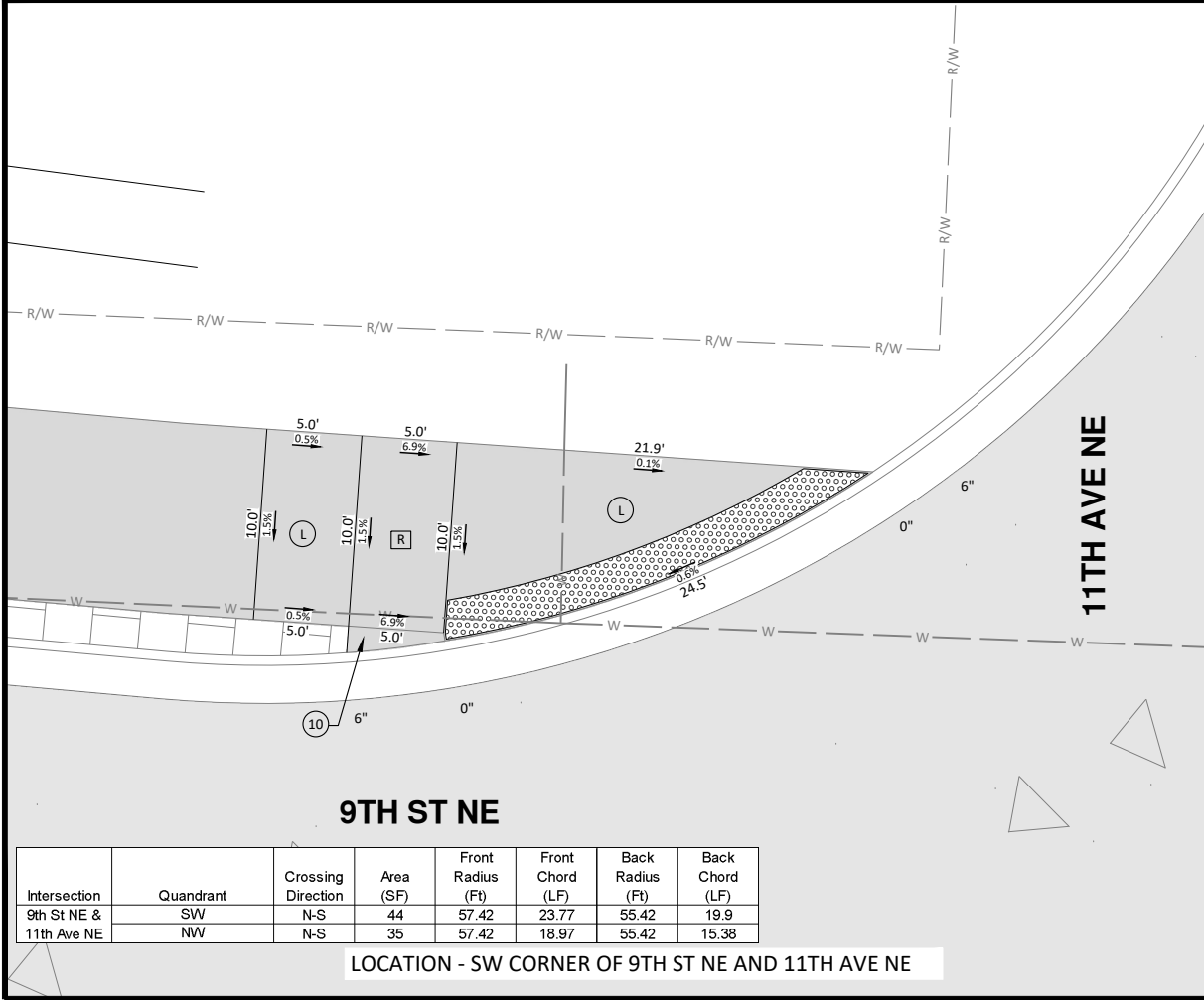
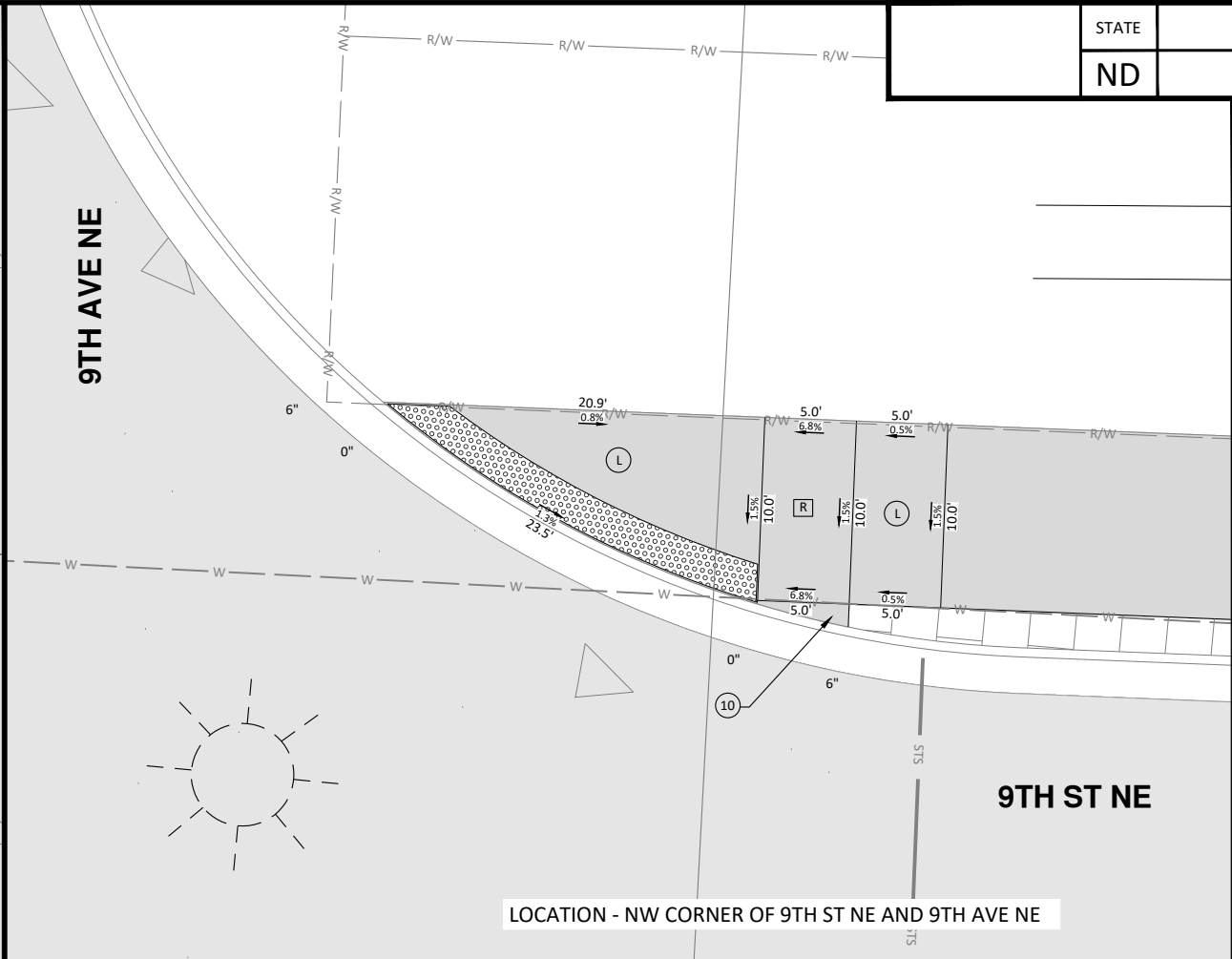
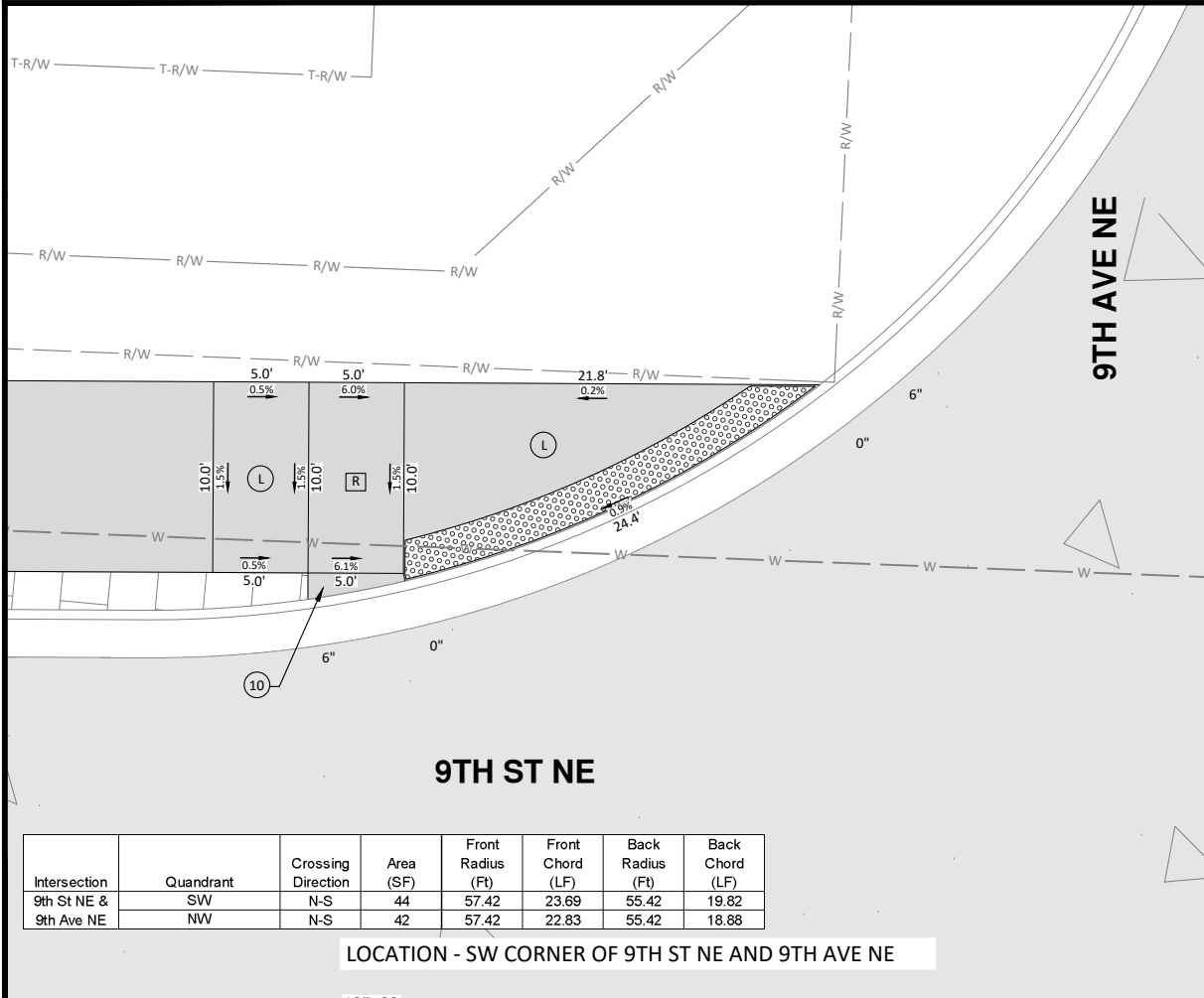


10/22/2025

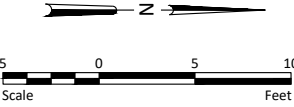
Curb Ramp Layouts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hnl\BN\8600\8654\8654_0004 9th St NE.dwg Gen (3)-10/22/2025 10:18 AM-(jandresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	22



LEGEND

- DETECTABLE WARNING PANEL
- TURNING SPACE/LANDING
USE AT TOP OF RAMP OR WHEN
CHANGING DIRECTIONS.
1.5% PREFERRED SLOPE (2% MAXIMUM)
ALL DIRECTIONS.
- PREFERRED RAMP GRADE = 5% TO 7.5%
MAXIMUM CONSTRUCED GRADE = 8.3%
PREFRRED CROSS SLOPE = 1.5%
MAXIMUM CONSTRUCTED CROSS SLOPE = 2%
MAXIUM LENGTH = 15 FEET
- 10:1 MAXIMUM CONSTRUCTED SLOPE
- 4:1 MAXIMUM CONSTRUCTED SLOPE
- CURB HEIGHT

Notes:
Private utilities not shown for clarity.



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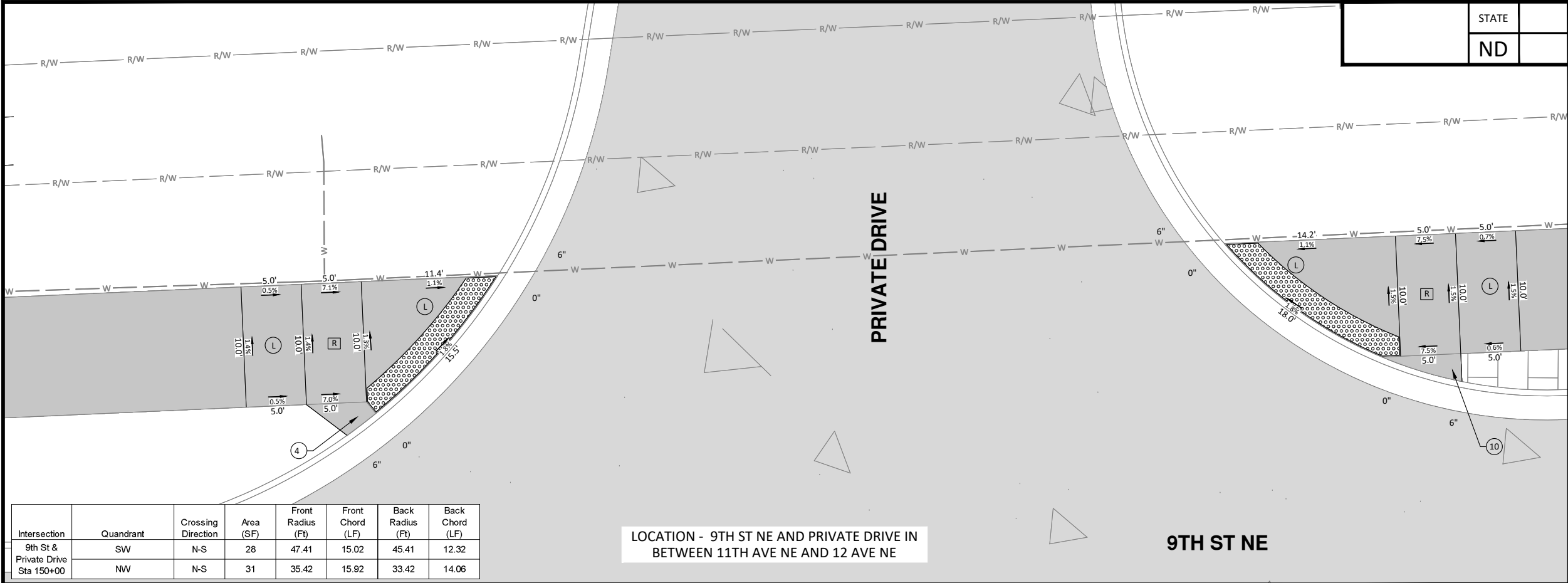


10/22/2025

Curb Ramp Layouts - 9th St NE

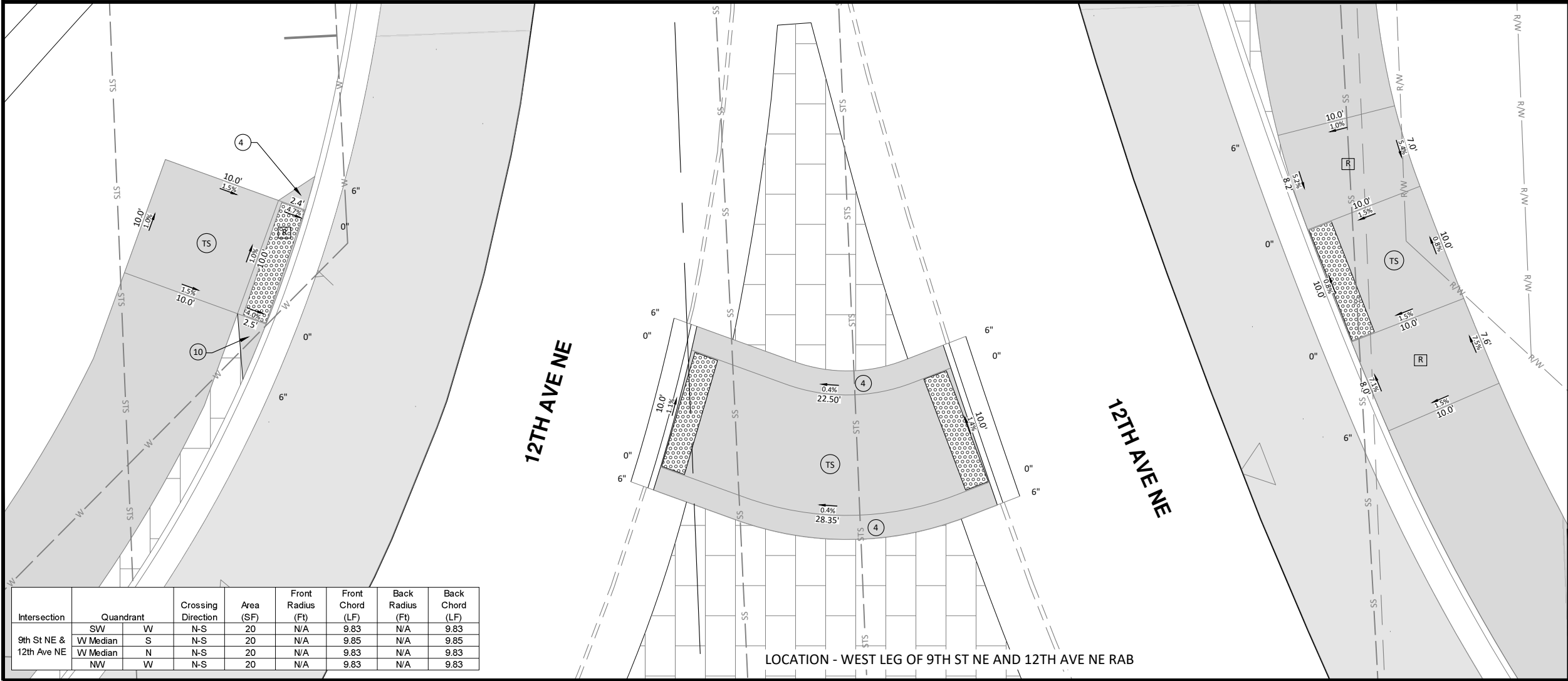
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hnl\BN\8600\8654\8654\8654_0004 9th St NE.dwg Gen (4)-10/22/2025 10:19 AM-(jandresen)



LOCATION - 9TH ST NE AND PRIVATE DRIVE IN BETWEEN 11TH AVE NE AND 12 AVE NE

9TH ST NE

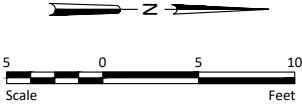


LOCATION - WEST LEG OF 9TH ST NE AND 12TH AVE NE RAB

12TH AVENUE

12TH AVENUE

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	23

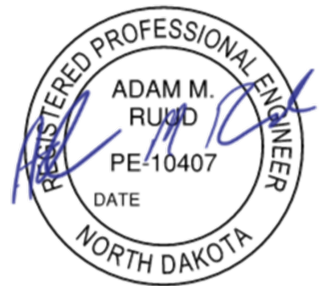


LEGEND	
DETECTABLE WARNING PANEL	
TURNING SPACE/LANDING USE AT TOP OF RAMP OR WHEN CHANGING DIRECTIONS. 1.5% PREFERRED SLOPE (2% MAXIMUM) ALL DIRECTIONS.	
PREFERRED RAMP GRADE = 5% TO 7.5% MAXIMUM CONSTRUCUTED GRADE = 8.3% PREFRRED CROSS SLOPE = 1.5% MAXIMUM CONSTRUCTED CROSS SLOPE = 2% MAXIMUM LENGTH = 15 FEET	
10:1 MAXIMUM CONSTRUCTED SLOPE	
4:1 MAXIMUM CONSTRUCTED SLOPE	
CURB HEIGHT	0", 3", OR 6"

Notes:
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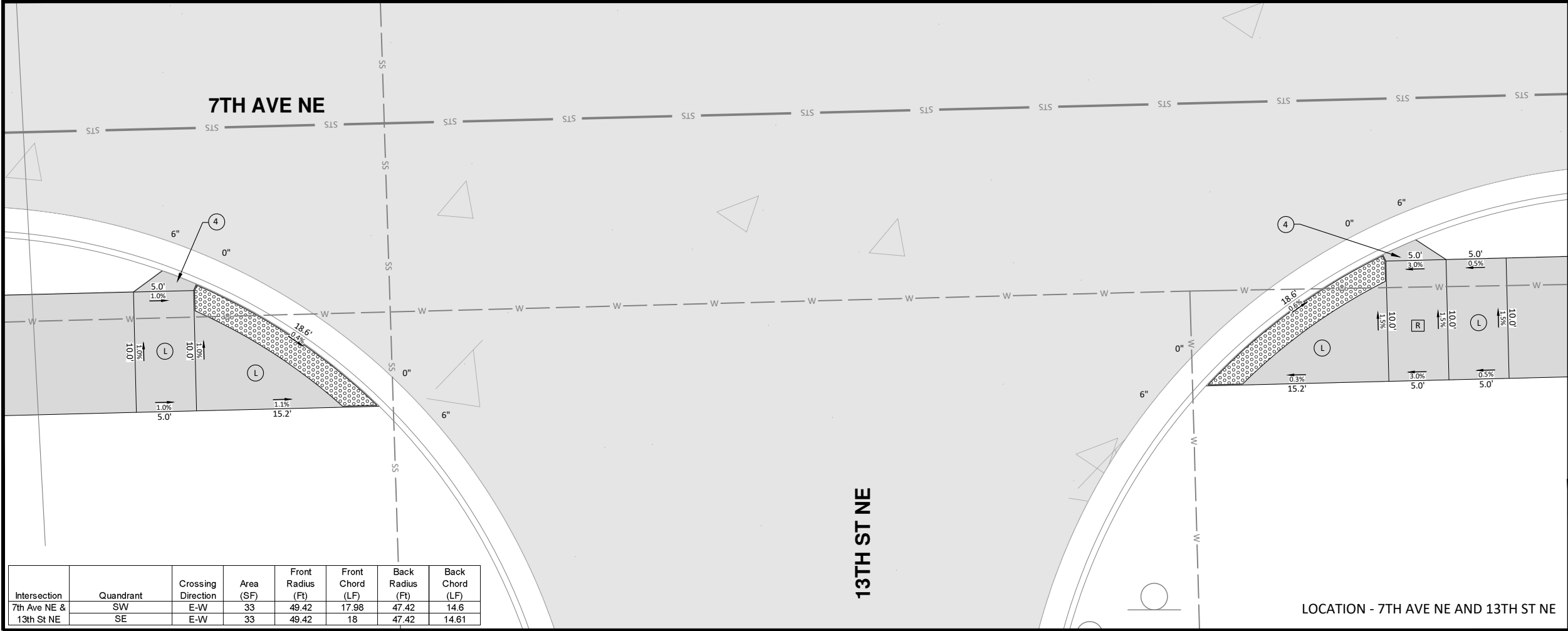
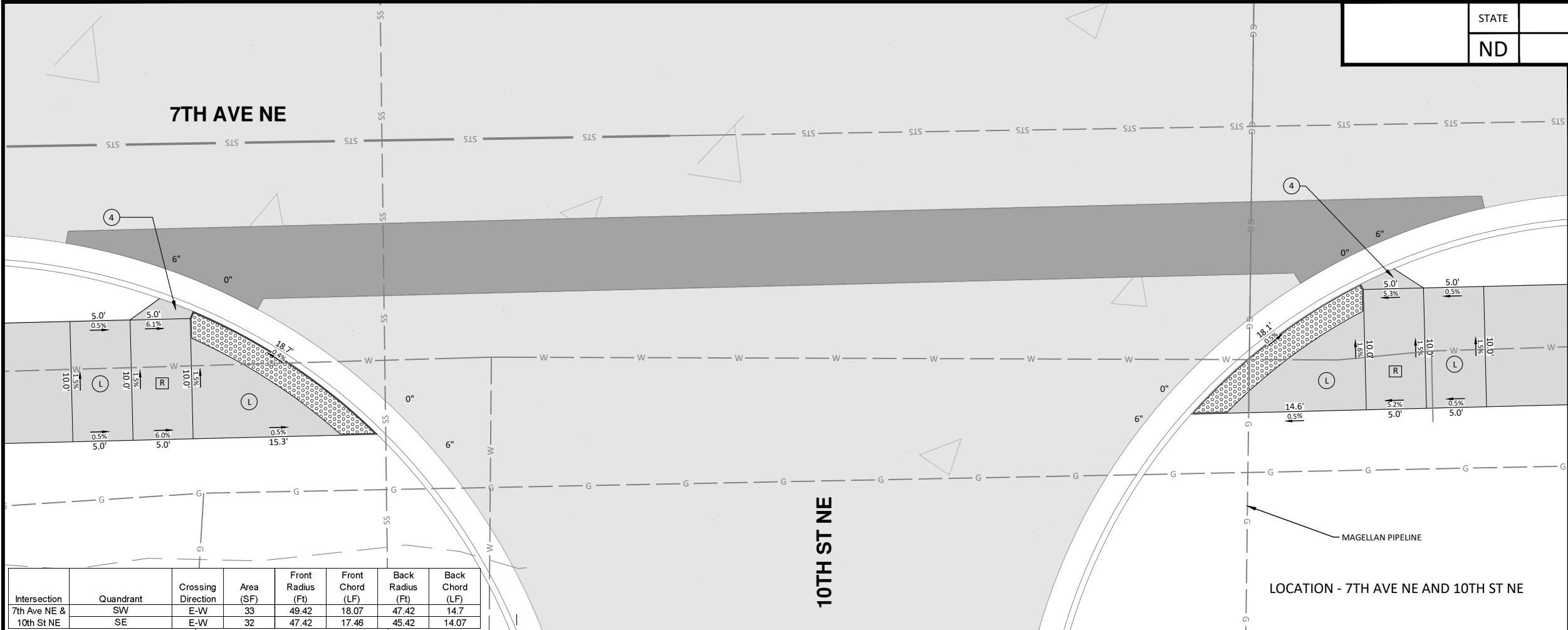


10/22/2025

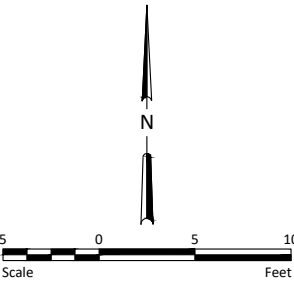
Curb Ramp Layouts - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hnl\BN\8600\8654\8654_0004 7th Ave NE.dwg Gen (1)-10/22/2025 10:21 AM: (jandresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	25



LEGEND

DETECTABLE WARNING PANEL



TURNING SPACE/LANDING
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ALL DIRECTIONS.



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MAXIMUM CONSTRUCTED GRADE = 8.3%
PREFERRED CROSS SLOPE = 1.5%
MAXIMUM CONSTRUCTED CROSS SLOPE = 2%
MAXIMUM LENGTH = 15 FEET



10:1 MAXIMUM CONSTRUCTED SLOPE



4:1 MAXIMUM CONSTRUCTED SLOPE



CURB HEIGHT

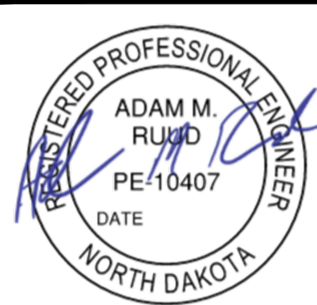
0", 3", OR 6"

Notes:
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10/22/2025

Curb Ramp Layouts - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

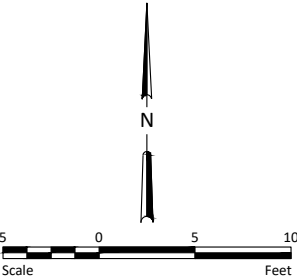
LOCATION - 7TH AVE NE AND 10TH ST NE

LOCATION - 7TH AVE NE AND 13TH ST NE

\\houston\hrl\BN\8650\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\080 - ADA 7th Ave NE.dwg:Gen (2)-10/22/2025 10:21 AM: (jandresen)



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	80	26



LEGEND

- DETECTABLE WARNING PANEL
- TURNING SPACE/LANDING
USE AT TOP OF RAMP OR WHEN
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ALL DIRECTIONS.
- PREFERRED RAMP GRADE = 5% TO 7.5%
MAXIMUM CONSTRUCUTED GRADE = 8.3%
PREFRRED CROSS SLOPE = 1.5%
MAXIMUM CONSTRUCTED CROSS SLOPE = 2%
MAXIUM LENGTH = 15 FEET
- 10:1 MAXIMUM CONSTRUCTED SLOPE
- 4:1 MAXIMUM CONSTRUCTED SLOPE
- CURB HEIGHT

Notes:
Private utilities not shown for clarity.



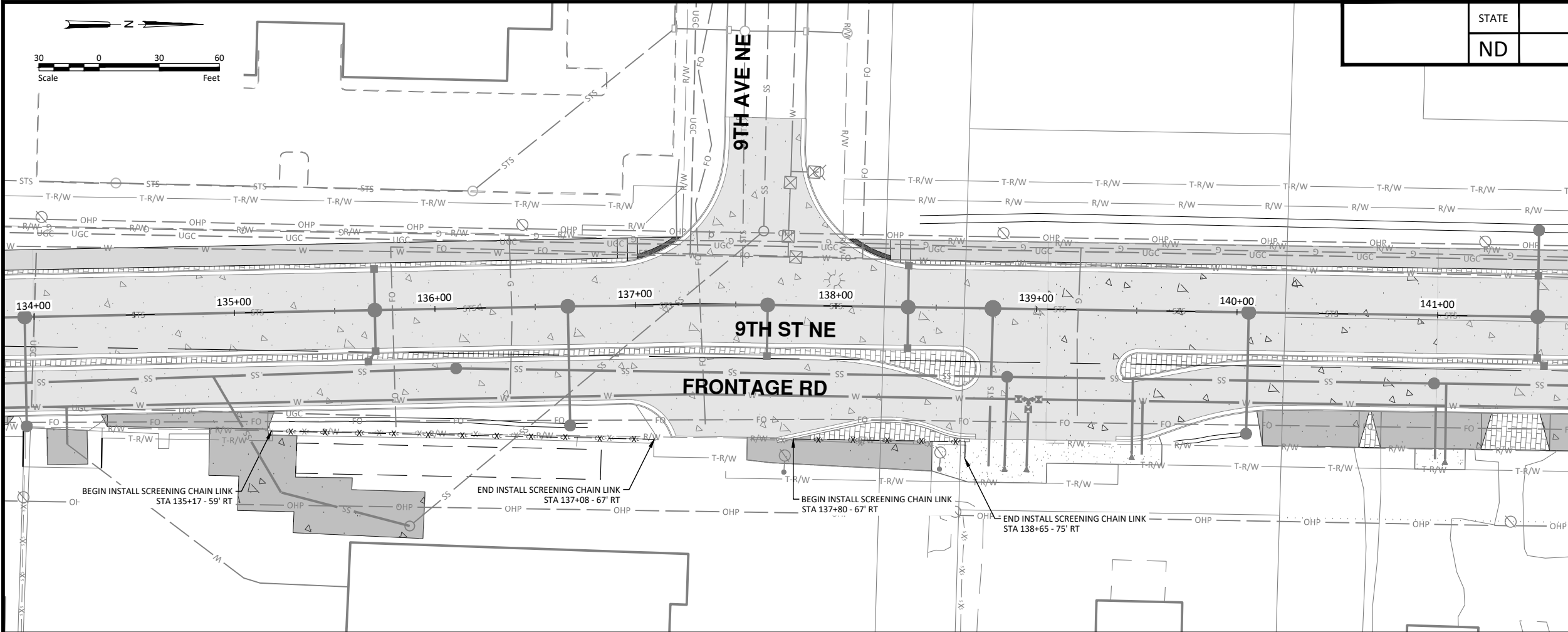
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Curb Ramp Layouts - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\BN\8600\865\18654_0004 9th St\CAD\0_CITY PROJECT\Plans\080 - 9th St NE Fencing.dwg-Fencing (1)-10/22/2025 10:23 AM-(jandresen)



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	80	27

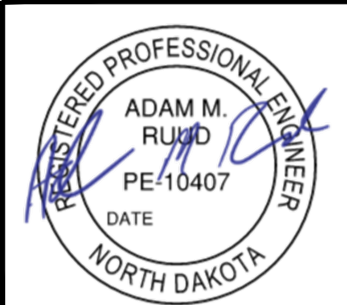
SPEC	CODE	BID ITEM	QTY	UNIT
752	4170	SCREENING CHAIN LINK		
		Sta 135+17 to Sta 137+08 Rt	191	LF
		Sta 137+80 to Sta 138+65 Rt	94	LF

LEGEND

SCREENING CHAIN LINK — ✕ — ✕ — ✕ —



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



10/22/2025

Fencing Layouts - 9th St NE

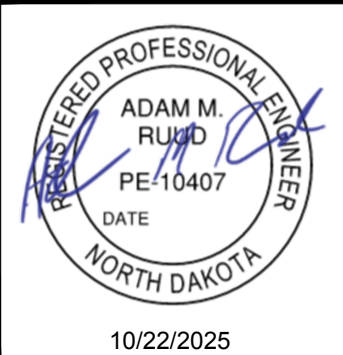
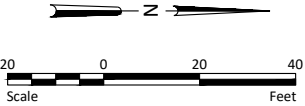
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\houston\B000\8654\8654_0004 9th St CAD\0 - CITY PROJECT\Plans\080 - Planting Layout.dwg Gen (5)-10/22/2025 10:24 AM-[jandresen]

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	80	28

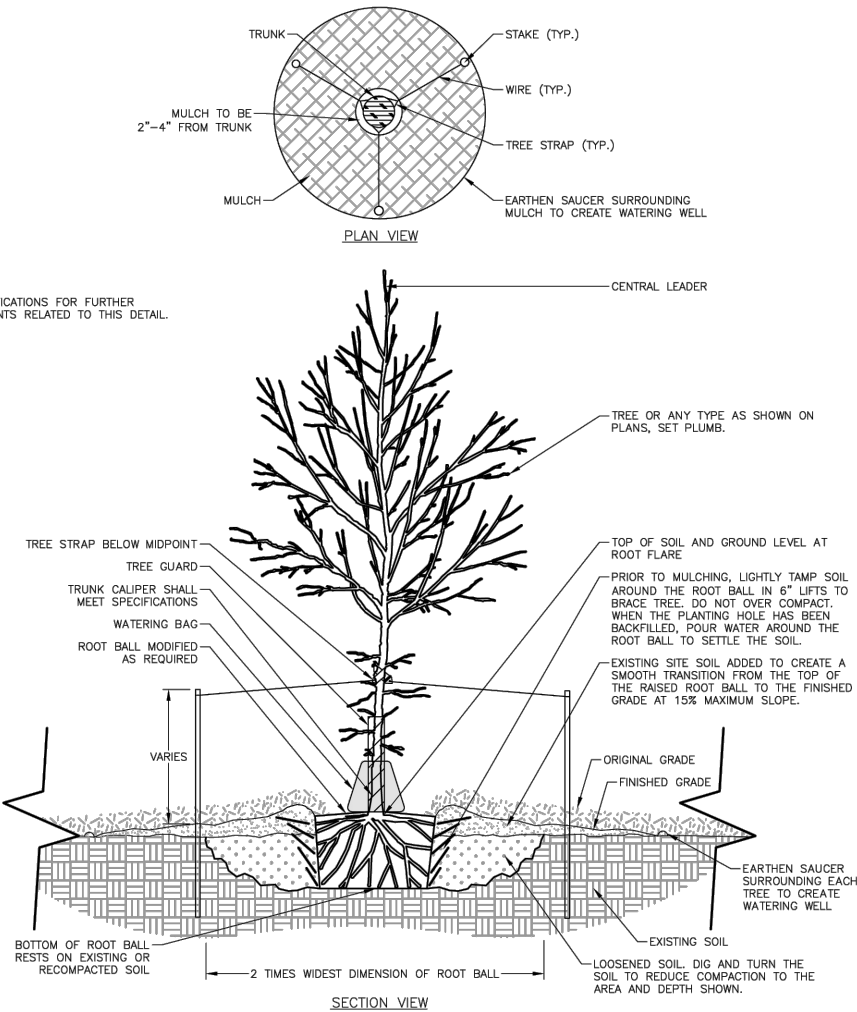
SPEC CODE	BID ITEM	QTY	UNIT
970 2202	SPRING SNOW CRABAPPLE Sta 155+30 to Sta 155+98	4	EA

LEGEND	
EXISTING TREE (PROTECT IN PLACE)	
INSTALL SPRING SNOW CRABAPPLE	



Landscape Layout

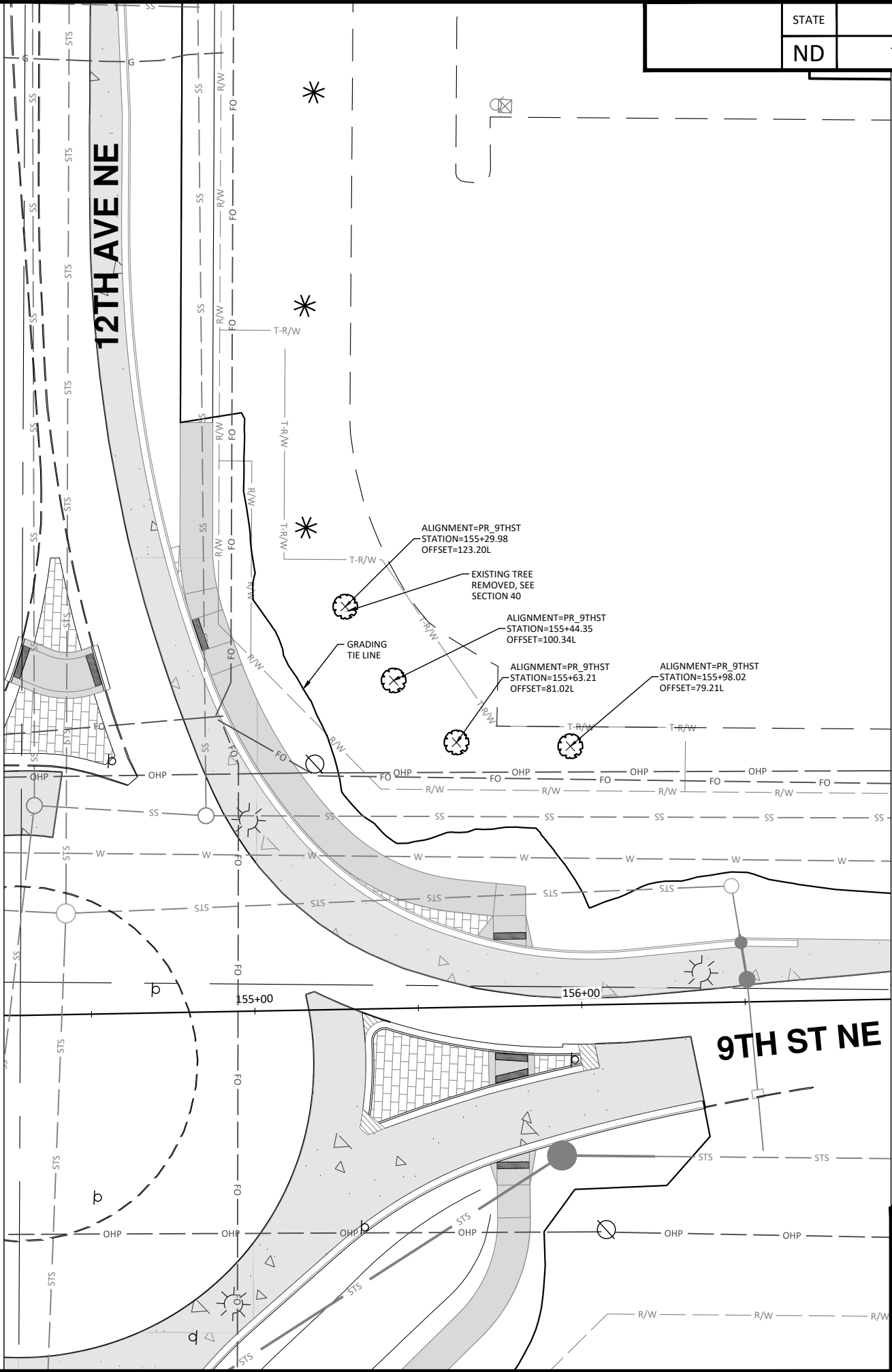
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit



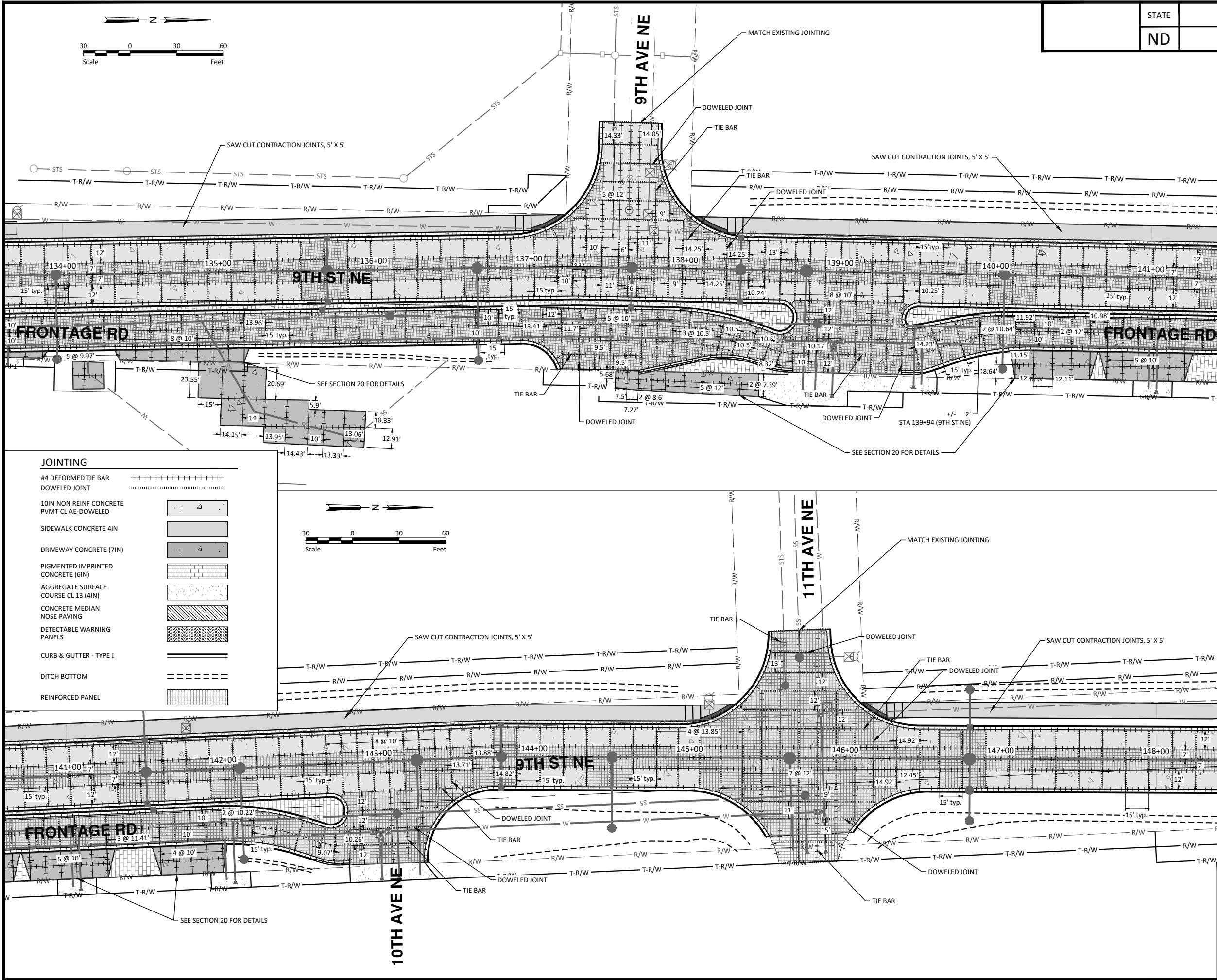
TREE PLANTING
NO SCALE PLANTING 02.09.22

TREE PLANTING

SECTION:	PLANTING
DETAIL NO.	1
REVISION:	1
APPROVED BY:	DTS
DATE:	02.09.22



\\houston\hrl\B\N\8600\8654\8654_0004 9th St CAD\0_CITY PROJECT\Plans\90 - 9th St NE\10/22/2025 10:26 AM - (jandresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	90	2

SPEC CODE	BID ITEM	QTY	UNIT
302 100	SALVAGED BASE COURSE		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	4665	TON
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	3504	TON
302 356	AGGREGATE SURFACE COURSE CL 13		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	45	TON
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	23	TON
550 310	10IN NON REINF CONCRETE PVMT CL AE-DOWELED		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	5411	SY
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	4355	SY
709 151	GEOSYNTHETIC MATERIAL TYPE R1		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	6922	SY
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	5141	SY
714 9696	EDGEDRAIN NON PERMEABLE BASE		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	1367	LF
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	1398	LF
748 120	CURB & GUTTER MOUNTABLE-TYPE I		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	131	LF
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	24	LF
748 140	CURB & GUTTER-TYPE I		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	2505	LF
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	1756	LF
750 30	PIGMENTED IMPRINTED CONCRETE		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	460	SY
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	242	SY
750 125	SIDEWALK CONCRETE 5IN		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	668	SY
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	673	SY
750 1000	DRIVEWAY CONCRETE		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	748	SY
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	138	SY
750 2115	DETECTABLE WARNING PANELS		
	Sta 134+00 to Sta 141+00 (Pr_9thSt)	86	SF
	Sta 141+00 to Sta 148+00 (Pr_9thSt)	79	SF

*SEE SECTION 55 FOR EDGEDRAIN LOCATION



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

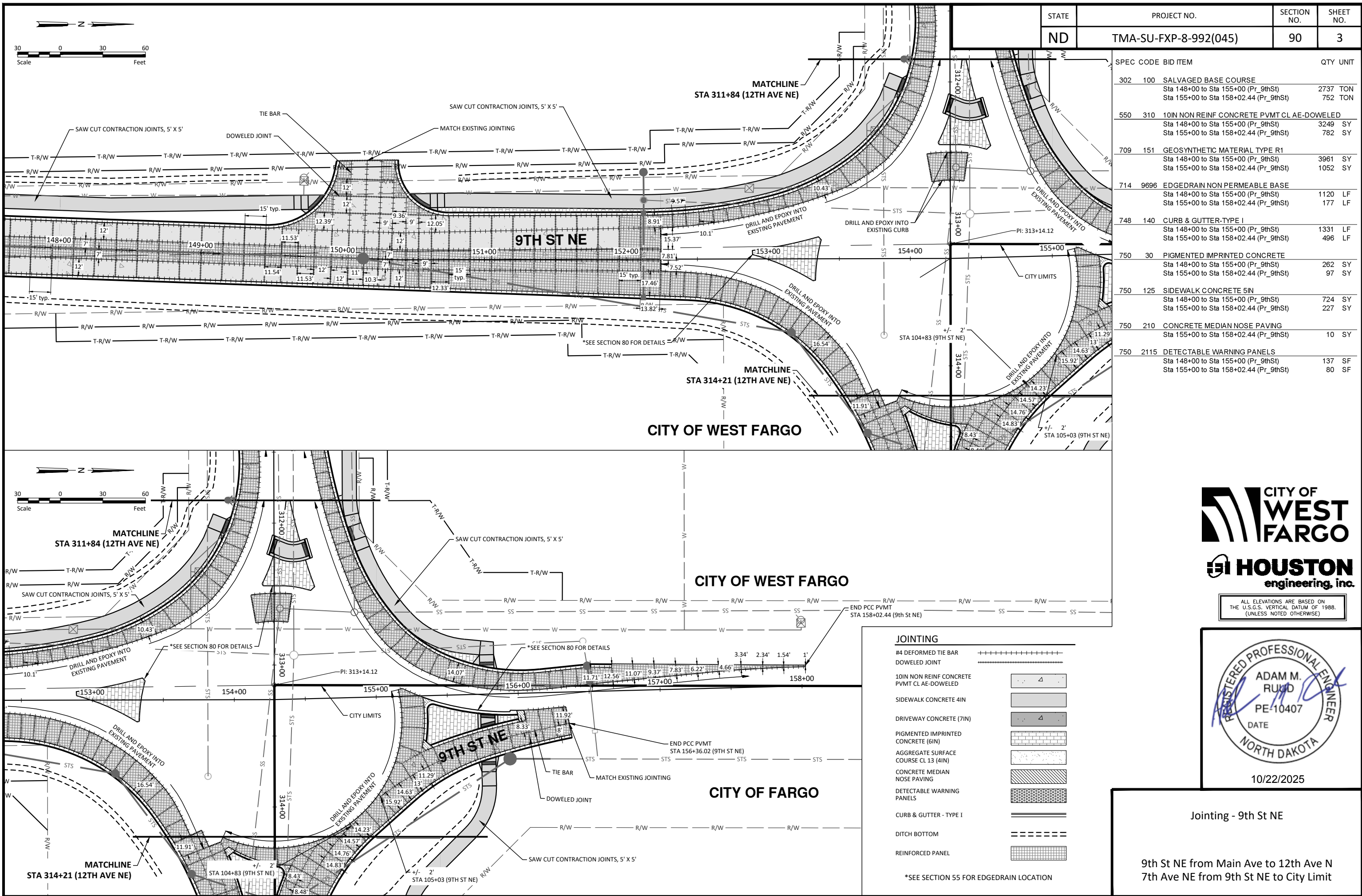


10/22/2025

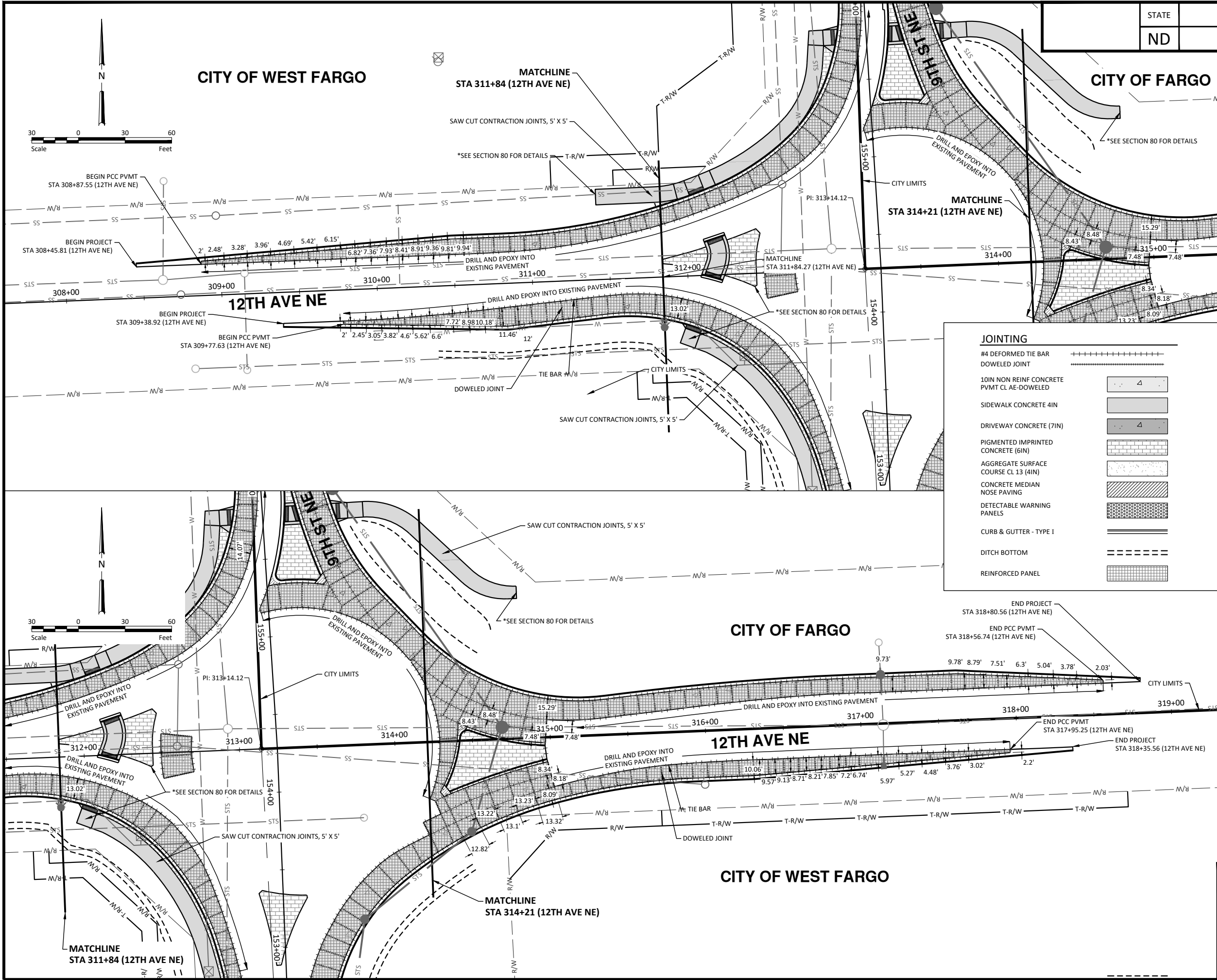
Jointing - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\houston\8600\8654\8654_0004 9th St CAD\0 - CITY PROJECT\Plans\90 - 9th St NE Jointing.dwg-3 - Jointing - 9th St NE-10/22/2025 10:27 AM-(jandresen)



\\houston\hrl\B\8600\8654\8654_0004 9th St NE CAD\0_CITY PROJECT\Plans\090 - 9th St NE Jointing.dwg 4 - Jointing - 12th Ave NE-10/22/2025 10:27 AM - (jandresen)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	90	4

SPEC CODE	BID ITEM	QTY	UNIT
302 100	SALVAGED BASE COURSE		
	Sta 308+45.81 to Sta 311+84 (Pr_12thAve)	431	TON
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	1183	TON
550 310	10IN NON REINF CONCRETE PVMT CL AE-DOWELED		
	Sta 308+45.81 to Sta 311+84 (Pr_12thAve)	458	SY
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	1208	SY
709 151	GEOSYNTHETIC MATERIAL TYPE R1		
	Sta 308+45.81 to Sta 311+84 (Pr_12thAve)	685	SY
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	1735	SY
714 9696	EDGEDRAIN NON PERMEABLE BASE		
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	896	LF
748 140	CURB & GUTTER-TYPE I		
	Sta 308+45.81 to Sta 311+84 (Pr_12thAve)	586	LF
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	1050	LF
750 30	PIGMENTED IMPRINTED CONCRETE		
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	139	SY
750 125	SIDEWALK CONCRETE 5IN		
	Sta 308+45.81 to Sta 311+84 (Pr_12thAve)	46	SY
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	53	SY
750 210	CONCRETE MEDIAN NOSE PAVING		
	Sta 314+21 to Sta 318+80.56 (Pr_12thAve)	5	SY

NOTES:
ALL LONGITUDINAL TIE BARS WITHIN THE 12TH
AVE ROUNDABOUT LIMITS ARE TO BE SPACED
AT 18" O.C.

*SEE SECTION 55 FOR EDGEDRAIN LOCATION



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

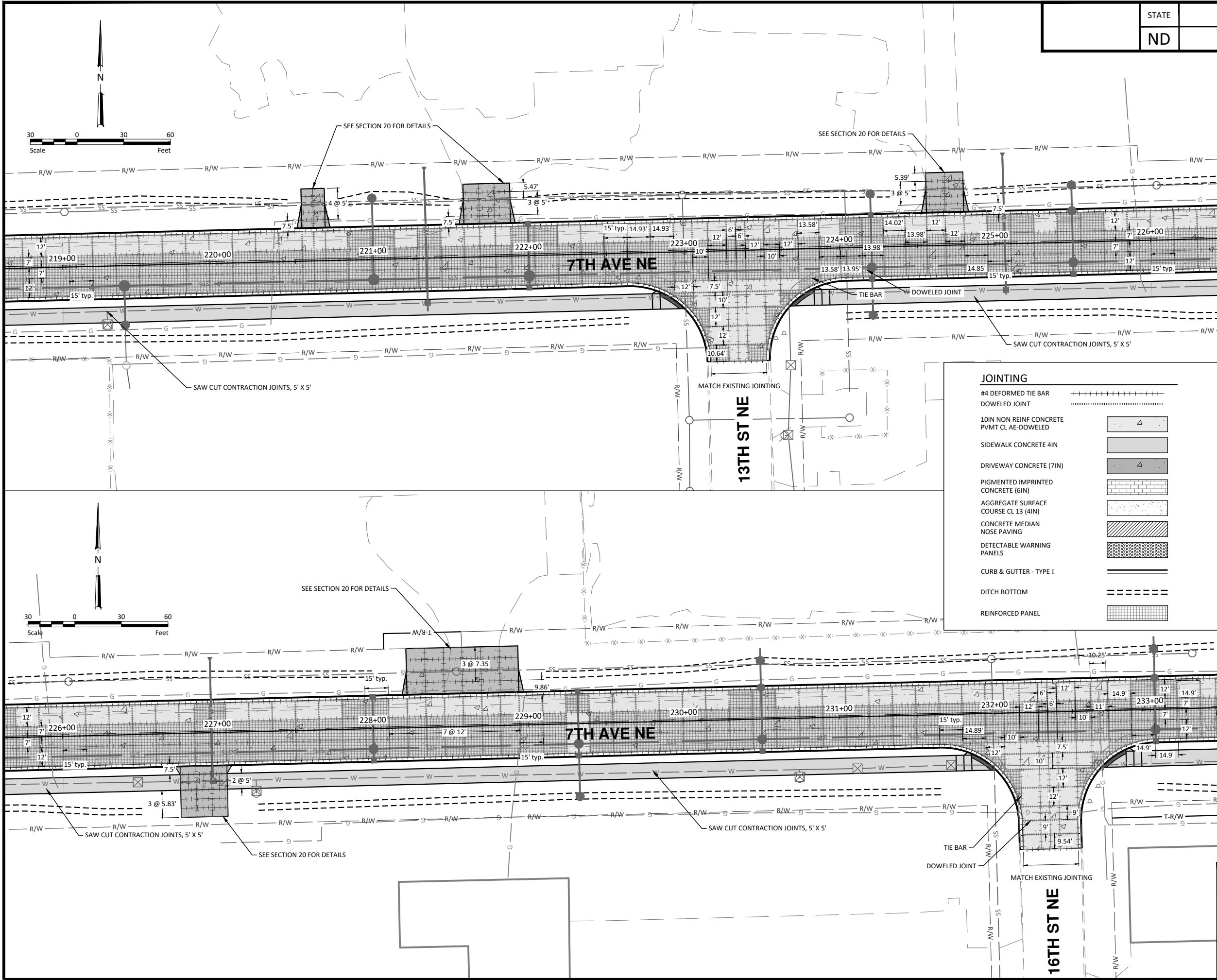


10/22/2025

Jointing - 12th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\B\8600\8654\8654_0004 8th St CAD\0_CITY PROJECT\Plans\990 - 7th Ave NE\Jointing.dwg-6 - Jointing - 7th Ave NE-10/22/2025 10:29 AM-(landresen)



JOINTING

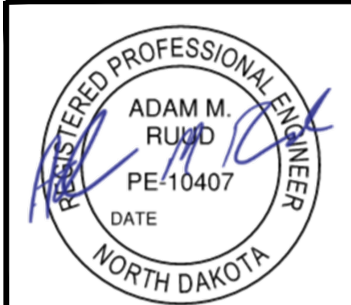
#4 DEFORMED TIE BAR	+++++
DOWELED JOINT	=====
10IN NON REINF CONCRETE PVMT CL AE-DOWELED	
SIDEWALK CONCRETE 4IN	
DRIVEWAY CONCRETE (7IN)	
PIGMENTED IMPRINTED CONCRETE (6IN)	
AGGREGATE SURFACE COURSE CL 13 (4IN)	
CONCRETE MEDIAN NOSE PAVING	
DETECTABLE WARNING PANELS	
CURB & GUTTER - TYPE I	
DITCH BOTTOM	
REINFORCED PANEL	

SPEC CODE	BID ITEM	QTY	UNIT
302 100	SALVAGED BASE COURSE		
	Sta 219+00 to Sta 226+00 (Pr_7thAve)	2486	TON
	Sta 226+00 to Sta 233+00 (Pr_7thAve)	2545	TON
550 310	10IN NON REINF CONCRETE PVMT CL AE-DOWELED		
	Sta 219+00 to Sta 226+00 (Pr_7thAve)	3292	SY
	Sta 226+00 to Sta 233+00 (Pr_7thAve)	3356	SY
709 151	GEOSYNTHETIC MATERIAL TYPE R1		
	Sta 219+00 to Sta 226+00 (Pr_7thAve)	3828	SY
	Sta 226+00 to Sta 233+00 (Pr_7thAve)	3902	SY
714 9696	EDGEDRAIN NON PERMEABLE BASE		
	Sta 219+00 to Sta 226+00 (Pr_7thAve)	1400	LF
	Sta 226+00 to Sta 233+00 (Pr_7thAve)	1400	LF
748 140	CURB & GUTTER-TYPE I		
	Sta 219+00 to Sta 226+00 (Pr_7thAve)	1416	LF
	Sta 226+00 to Sta 233+00 (Pr_7thAve)	1452	LF
750 125	SIDEWALK CONCRETE 5IN		
	Sta 219+00 to Sta 226+00 (Pr_7thAve)	689	SY
	Sta 226+00 to Sta 233+00 (Pr_7thAve)	656	SY
750 1000	DRIVEWAY CONCRETE		
	Sta 219+00 to Sta 226+00 (Pr_7thAve)	209	SY
	Sta 226+00 to Sta 233+00 (Pr_7thAve)	351	SY
750 2115	DETECTABLE WARNING PANELS		
	Sta 219+00 to Sta 226+00 (Pr_7thAve)	66	SF
	Sta 226+00 to Sta 233+00 (Pr_7thAve)	67	SF

*SEE SECTION 55 FOR EDGEDRAIN LOCATION



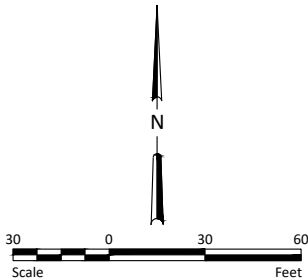
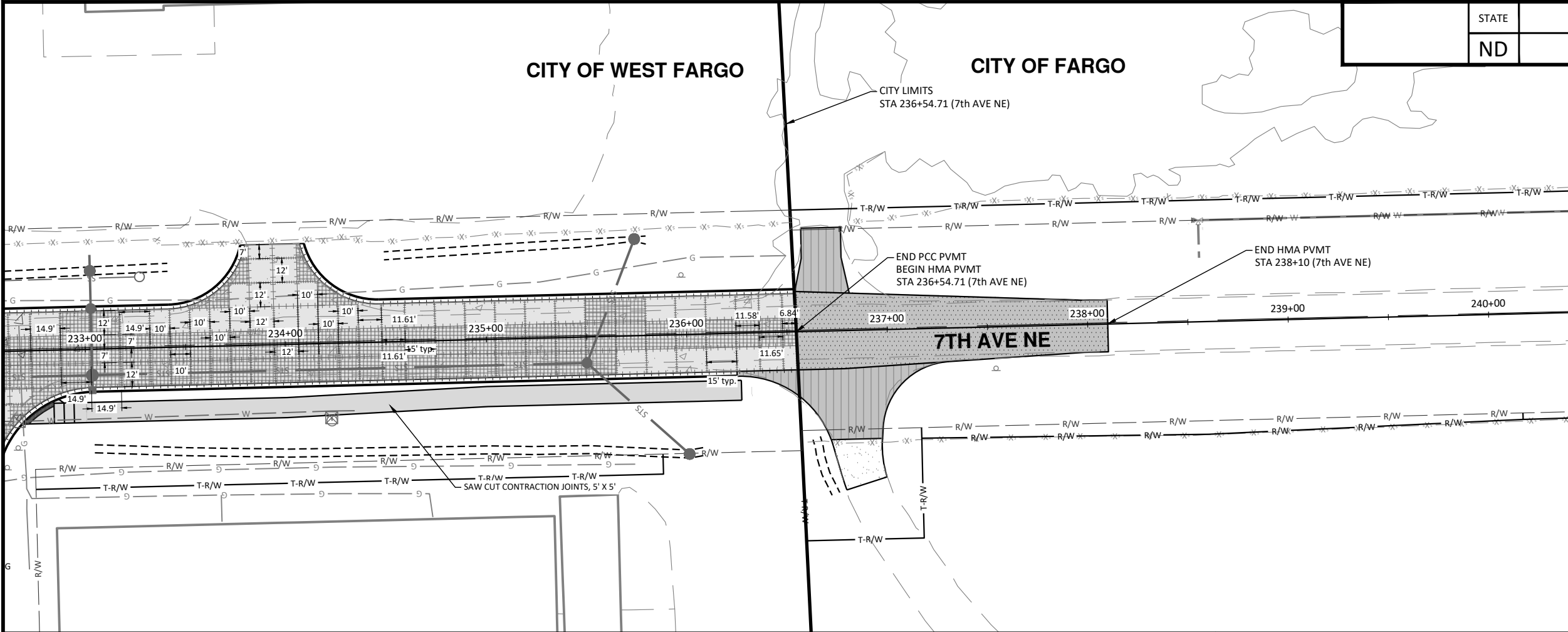
ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



Jointing - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hrl\BN\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\090 - 7th Ave NE\Jointing.dwg-7 - Jointing - 7th Ave NE-10/22/2025 10:29 AM-(jandresen)



JOINTING

#4 DEFORMED TIE BAR	+++++
DOWELED JOINT	
10IN NON REINF CONCRETE PVMT CL AE-DOWELED	
SIDEWALK CONCRETE 4IN	
DRIVEWAY CONCRETE (7IN)	
PIGMENTED IMPRINTED CONCRETE (6IN)	
AGGREGATE SURFACE COURSE CL 13 (4IN)	
CONCRETE MEDIAN NOSE PAVING	
DETECTABLE WARNING PANELS	
CURB & GUTTER - TYPE I	
DITCH BOTTOM	
REINFORCED PANEL	
ASPHALT PAVEMENT (9IN)	
ASPHALT DRIVEWAY (7IN)	
*SEE SECTION 55 FOR EDGEDRAIN LOCATION	

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	90	7
SPEC CODE	BID ITEM	QTY UNIT	
302 100	SALVAGED BASE COURSE		
	Sta 233+00 to Sta 236+54.71 (Pr_7thAve)	1236	TON
	Sta 236+54.71 to Sta 238+10 (Pr_7thAve)	315	TON
302 356	AGGREGATE SURFACE COURSE CL 13	12	TON
	Sta 236+54.71 to Sta 238+10 (Pr_7thAve)		
430 43	SUPERPAVE FAA 43	410	TON
	Sta 236+54.71 to Sta 238+10 (Pr_7thAve)		
430 5815	PG 58S-34 ASPHALT CEMENT	25	TON
	Sta 236+54.71 to Sta 238+10 (Pr_7thAve)		
550 310	10IN NON REINF CONCRETE PVMT CL AE-DOWELED	1659	SY
	Sta 233+00 to Sta 236+54.71 (Pr_7thAve)		
709 151	GEOSYNTHETIC MATERIAL TYPE R1	1922	SY
	Sta 233+00 to Sta 236+54.71 (Pr_7thAve)		
714 9696	EDGEDRAIN NON PERMEABLE BASE	679	LF
	Sta 233+00 to Sta 236+54.71 (Pr_7thAve)		
748 140	CURB & GUTTER-TYPE I	676	LF
	Sta 233+00 to Sta 236+54.71 (Pr_7thAve)		
750 125	SIDEWALK CONCRETE 5IN	363	SY
	Sta 233+00 to Sta 236+54.71 (Pr_7thAve)		
  ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)  10/22/2025			
Jointing - 7th Ave NE			
9th St NE from Main Ave to 12th Ave N 7th Ave NE from 9th St NE to City Limit			

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	100	1

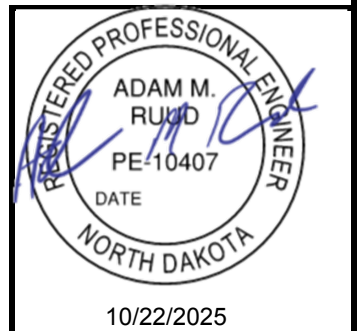
SIGN NUMBER	SIGN SIZE	DESCRIPTION	AMOUNT REQUIRED					TOTAL AMOUNT REQUIRED	UNITS PER AMOUNT	UNITS SUB TOTAL
			BY PHASE NO.							
			1	2	3	4	5			
E5-1-48	48"x48"	EXIT GORE							35	
G20-1-60	60"x24"	ROAD WORK NEXT _____ MILES							28	
G20-1b-60	60"x24"	NO WORK IN PROGRESS (Sign and installation only)							18	
G20-2-48	48"x24"	END ROAD WORK					4	4	26	104
G20-4-36	36"x18"	PILOT CAR FOLLOW ME (Mounted to back of pilot car)							18	
G20-4b-36	36"x30"	WAIT FOR PILOT CAR							18	
G20-50a-72	72"x36"	ROAD WORK NEXT _____ MILES RT & LT ARROWS							43	
G20-52a-72	72"x24"	ROAD WORK NEXT _____ MILES RT or LT ARROW							36	
G20-55-96	96"x48"	SPEED LIMIT ENFORCED - MINIMUM FEE \$150 WHEN WORKERS PRESENT							59	
M1-1-36	36"x36"	INTERSTATE ROUTE MARKER (Post and installation only)							11	
M1-4-24	24"x24"	U.S. ROUTE MARKER (Post and installation only)							10	
M1-5-24	24"x24"	STATE ROUTE MARKER (Post and installation only)							10	
M3-1-24	24"x12"	NORTH (Mounted on route marker post)	14	14	14		12	14	7	98
M3-2-24	24"x12"	EAST (Mounted on route marker post)	13		10	10		13	7	91
M3-3-24	24"x12"	SOUTH (Mounted on route marker post)	14	12	14		14	14	7	98
M3-4-24	24"x12"	WEST (Mounted on route marker post)	14		12	11		14	7	98
M4-8-24	24"x12"	DETOUR (Mounted on route marker post)	55	26	50	21	26	55	7	385
M4-9-30	30"x24"	DETOUR ARROW RIGHT or LEFT/AHD AND RT or LT	10					10	15	150
M4-10-48	48"x18"	DETOUR (INSIDE ARROW) RIGHT or LEFT (Mounted on barricade)	4	2	4	2	2	4	7	28
M5-1-21	21"x15"	ADVANCE TURN ARROW RT or LT (Mounted on route marker post)	24	10	19	7	10	24	7	168
M5-1-30	30"x21"	ADVANCE TURN ARROW RT or LT (Mounted on route marker post)							9	
M5-3-21	21"x15"	ARROW AROUND ROUNDABOUT LT (Mounted on route marker post)		1	2	1	1	2	7	14
M6-1-21	21"x15"	DIRECTIONAL ARROW RT or LT (Mounted on route marker post)	24	9	17	7	9	24	7	168
M6-1-30	30"x21"	DIRECTIONAL ARROW RT or LT (Mounted on route marker post)							9	
M6-2-21	21"x15"	DIRECTIONAL ARROW DIAGONAL RT or LT (Mounted on route marker post)		2	4	2	2	4	7	28
M6-3-21	21"x15"	DIRECTIONAL ARROW UP (Mounted on route marker post)	7	3	5	2	3	7	7	49
R1-1-48	48"x48"	STOP							32	
R1-2-60	60"x60"	YIELD							29	
R2-1-36	36"x48"	SPEED LIMIT _____ (Portable only)					4	4	30	120
R2-1-48	48"x60"	SPEED LIMIT _____							39	
R2-1aP-24	24"x18"	MINIMUM FEE \$150 (Mounted on Speed Limit post)					2	2	10	20
R3-2-48	48"x48"	NO LEFT TURN					1	1	35	35
R4-1-48	48"x60"	DO NOT PASS							39	
R4-7-48	48"x60"	KEEP RIGHT							39	
R5-1-48	48"x48"	DO NOT ENTER							35	
R6-1-54	54"x18"	ONE WAY RIGHT or LEFT (Mounted on STOP or DO NOT ENTER post)							14	
R7-1-12	12"x18"	NO PARKING ANY TIME							11	
R9-9-24	24"x12"	SIDEWALK CLOSED (Mounted on barricade)		1	1	3	3	3	3	9
R9-11-24	24"x12"	SIDEWALK CLOSED AHEAD CROSS HERE (Mounted on barricade)					2	2	3	6
R9-11a-24	24"x12"	SIDEWALK CLOSED CROSS HERE (Mounted on barricade)	2					2	3	6
R10-6-24	24"x36"	STOP HERE ON RED							16	
R11-2-48	48"x30"	ROAD CLOSED (Mounted on barricade)							12	
R11-2a-48	48"x30"	STREET CLOSED (Mounted on barricade)	4	2	4	4	2	4	12	48
R11-3a-60	60"x30"	ROAD CLOSED _____ MILES AHEAD LOCAL TRAFFIC ONLY (Mtd on barricade)							15	
R11-3c-60	60"x30"	STREET CLOSED _____ MILES AHEAD LOCAL TRAFFIC ONLY (Mtd on barricade)							15	
R11-4a-60	60"x30"	STREET CLOSED TO THRU TRAFFIC (Mounted on barricade)	4	4	4	3	2	4	15	60
W1-3-48	48"x48"	REVERSE TURN RIGHT or LEFT							35	
W1-4-48	48"x48"	REVERSE CURVE RIGHT or LEFT							35	
W1-4b-48	48"x48"	TWO LANE REVERSE CURVE RIGHT or LEFT							35	
W1-6-48	48"x24"	ONE DIRECTION LARGE ARROW					1	1	26	26
W3-1-48	48"x48"	STOP AHEAD							35	
W3-3-48	48"x48"	SIGNAL AHEAD							35	
W3-4-48	48"x48"	BE PREPARED TO STOP							35	
W3-5-48	48"x48"	SPEED REDUCTION AHEAD					2	2	35	70
W4-2-48	48"x48"	LANE ENDS RIGHT or LEFT					2	2	35	70
W5-1-48	48"x48"	ROAD NARROWS							35	
W5-8-48	48"x48"	THRU TRAFFIC RIGHT LANE							35	
W5-9-48	48"x48"	ROAD WORK TRAFFIC ONLY DOWN & LT or RT ARROW							35	
W6-3-48	48"x48"	TWO WAY TRAFFIC							35	
W8-1-48	48"x48"	BUMP							35	
W8-3-48	48"x48"	PAVEMENT ENDS							35	
W8-7-48	48"x48"	LOOSE GRAVEL							35	
W8-11-48	48"x48"	UNEVEN LANES							35	
W8-12-48	48"x48"	NO CENTER LINE							35	
W8-17-48	48"x48"	SHOULDER DROP-OFF SYMBOL							35	
W8-53-48	48"x48"	TRUCKS ENTERING HIGHWAY							35	
W8-54-48	48"x48"	TRUCKS ENTERING AHEAD or _____ FT or _____ MILE							35	
W8-55-48	48"x48"	TRUCKS CROSSING AHEAD or _____ FT or _____ MILE							35	
W8-56-48	48"x48"	TRUCKS EXITING HIGHWAY							35	
W9-3a-48	48"x48"	CENTER LANE CLOSED SYMBOL							35	
W13-1P-30	30"x30"	_____ MPH ADVISORY SPEED PLAQUE (Mounted on warning sign post)							14	
W14-3-64	64"x48"	NO PASSING ZONE							28	
W16-2P-30	30"x24"	_____ FEET PLAQUE (Mounted on warning sign post)							10	
W16-9p-30	30"x18"	AHEAD (Mounted on pedestrian sign post)				1		1	11	11
W20-1-48	48"x48"	ROAD WORK AHEAD or _____ FT or _____ MILE					4	4	35	140
W20-2-48	48"x48"	DETOUR AHEAD or _____ FT or _____ MILE					10	10	20	700
W20-3-48	48"x48"	ROAD or STREET CLOSED AHEAD or _____ FT or _____ MILE	4	2	3	1	2	4	35	140
W20-4-48	48"x48"	ONE LANE ROAD AHEAD or _____ FT or _____ MILE			2			2	35	70
W20-5-48	48"x48"	RIGHT or CENTER or LEFT LANE CLOSED AHEAD or _____ FT or _____ MILE					2	2	35	70
W20-7-48	48"x48"	FLAGGER		2		2		2	35	70
W20-8-18	18"x18"	STOP - SLOW PADDLE Back to Back		2		2		2	5	10
W20-52P-54	54"x12"	NEXT _____ MILES (Mounted on warning sign post)							12	

[illegible][illegible]

SPEC & CODE			
704-1000	TRAFFIC CONTROL SIGNS	TOTAL UNITS	3720

[illegible]

NOTE:
If additional signs are required, units will be calculated using the formula from Section III-18.06 of the Design Manual.
<http://www.dot.nd.gov/>



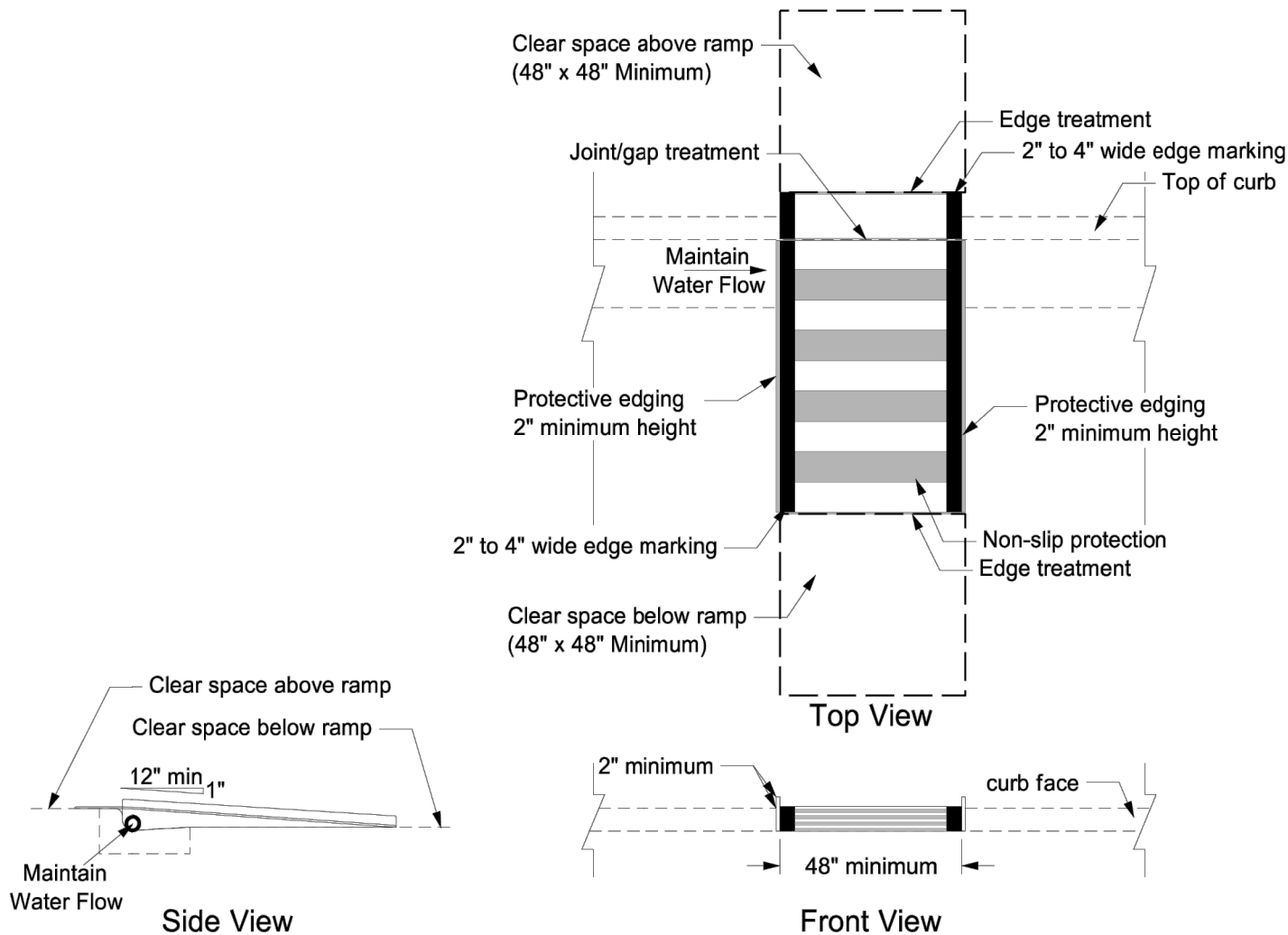
Traffic Control Devices List

9th St NE from Main Ave to 12th Ave N

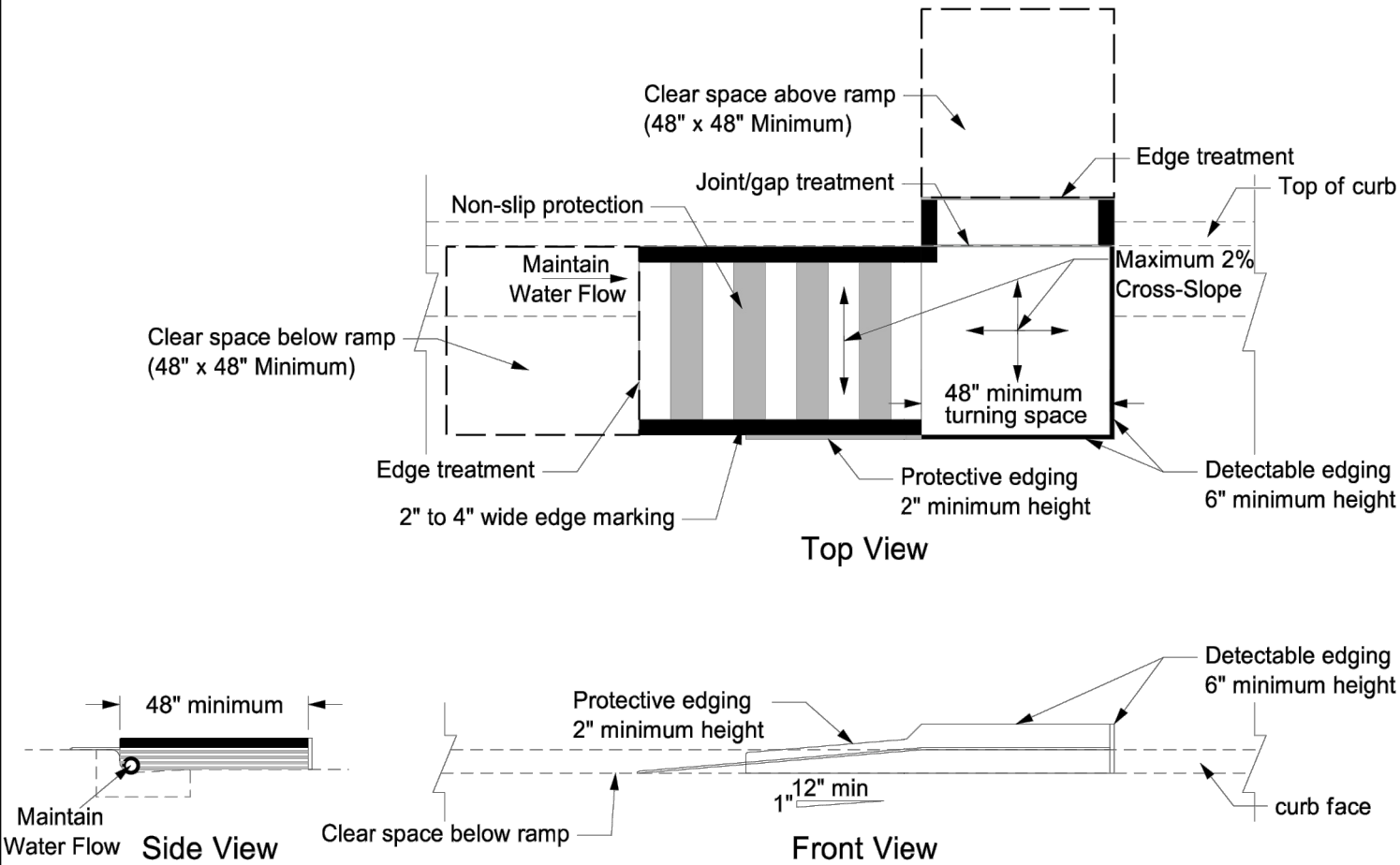
7th Ave NE from 9th St NE to 45th St N

\\houston\h\IBN\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\100 - Traffic Control Details.dwg:Temporary Curb Ramp Detail-10/22/2025 10:34 AM: (jandresen)

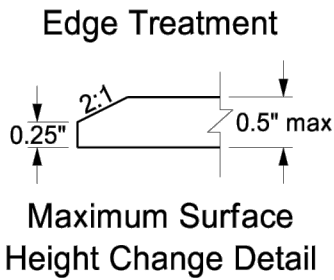
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	100	2



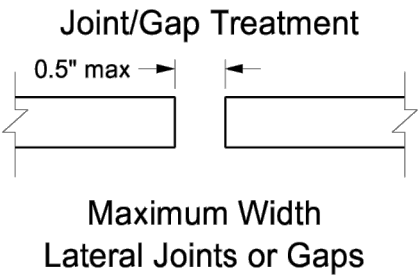
Temporary Perpendicular Curb Ramp



Temporary Parallel Curb Ramp



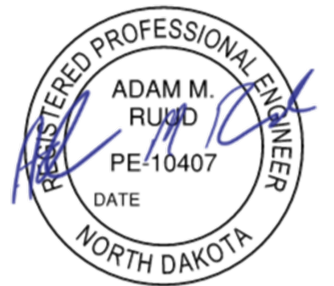
Maximum Surface Height Change Detail



Maximum Width Lateral Joints or Gaps



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



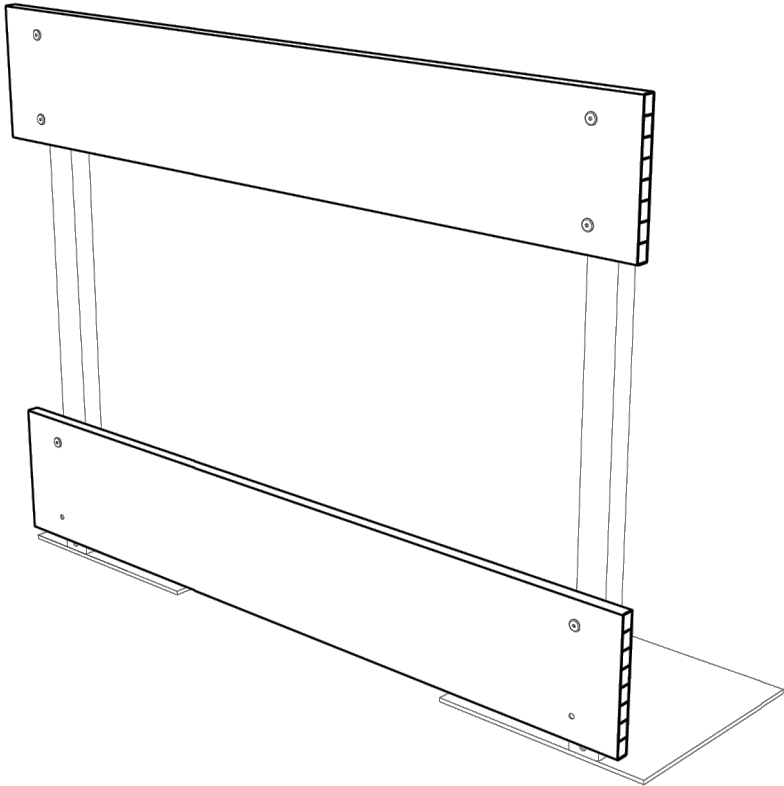
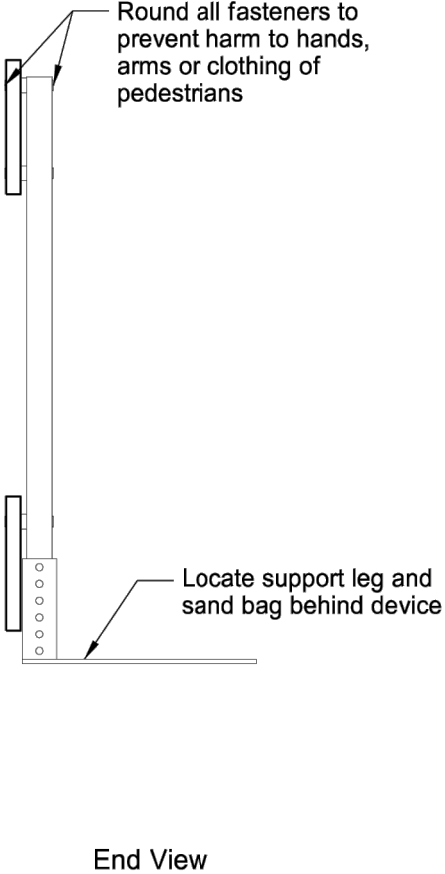
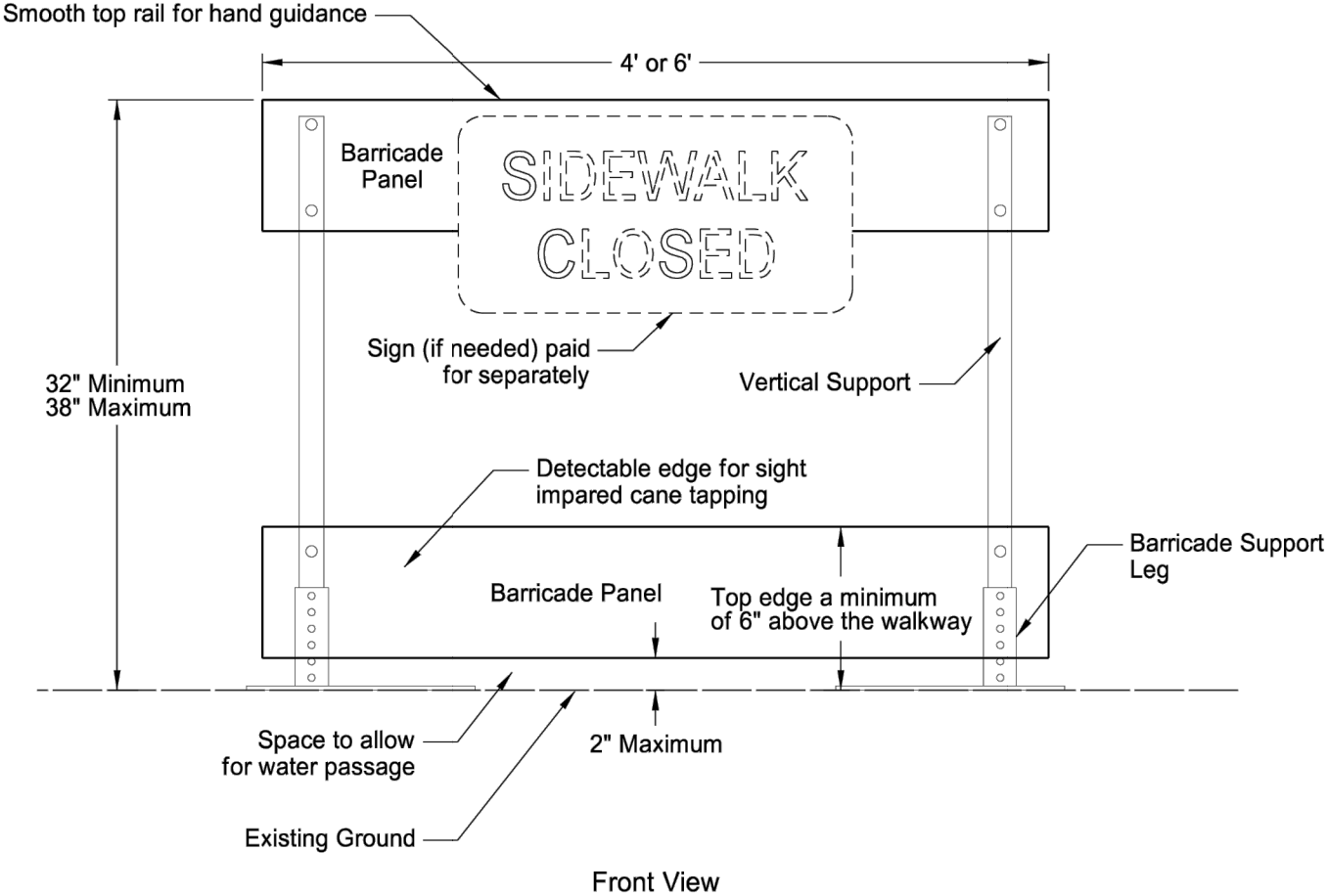
10/22/2025

Temporary Pedestrian Curb Ramp Details

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\h\IBN\8650\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\100 - Traffic Control Details.dwg Sidewalk Barricade Detail-10/22/2025 10:34 AM-(jandresen)

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	100	4



NOTES:

Sidewalk Barricades

1. Provide self standing sidewalk barricade with no supports extending into the pedestrians path.
2. Use orange or orange and white diagonal striped barricade panels contrasting with the walkway surface.
3. Provide ADA compliant and NCHRP 350 or Mash Test Level 3 (TL3) approved sidewalk barricades.
4. Include all costs to furnish, maintain and remove sidewalk barricades in the price bid for "Sidewalk Barricade".



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(UNLESS NOTED OTHERWISE)



10/22/2025

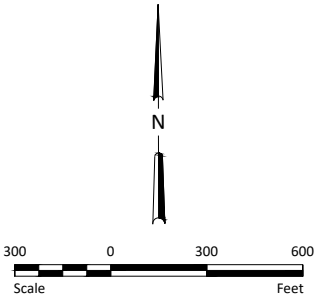
Sidewalk Barricade

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\houston\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\100 - Traffic Control - Overall.dwg-Overall-10/22/2025 10:34 AM-[jandresen]



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	100	5



- | | | | |
|--|--------------------|--|--------------------|
| | PHASE 1A WORK ZONE | | PHASE 5A WORK ZONE |
| | PHASE 1B WORK ZONE | | PHASE 5B WORK ZONE |
| | PHASE 2 WORK ZONE | | PHASE 5C WORK ZONE |
| | PHASE 3 WORK ZONE | | EXCEPTION AREA |
| | PHASE 4 WORK ZONE | | |



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(UNLESS NOTED OTHERWISE)



Work Zone Traffic Control - Overall

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

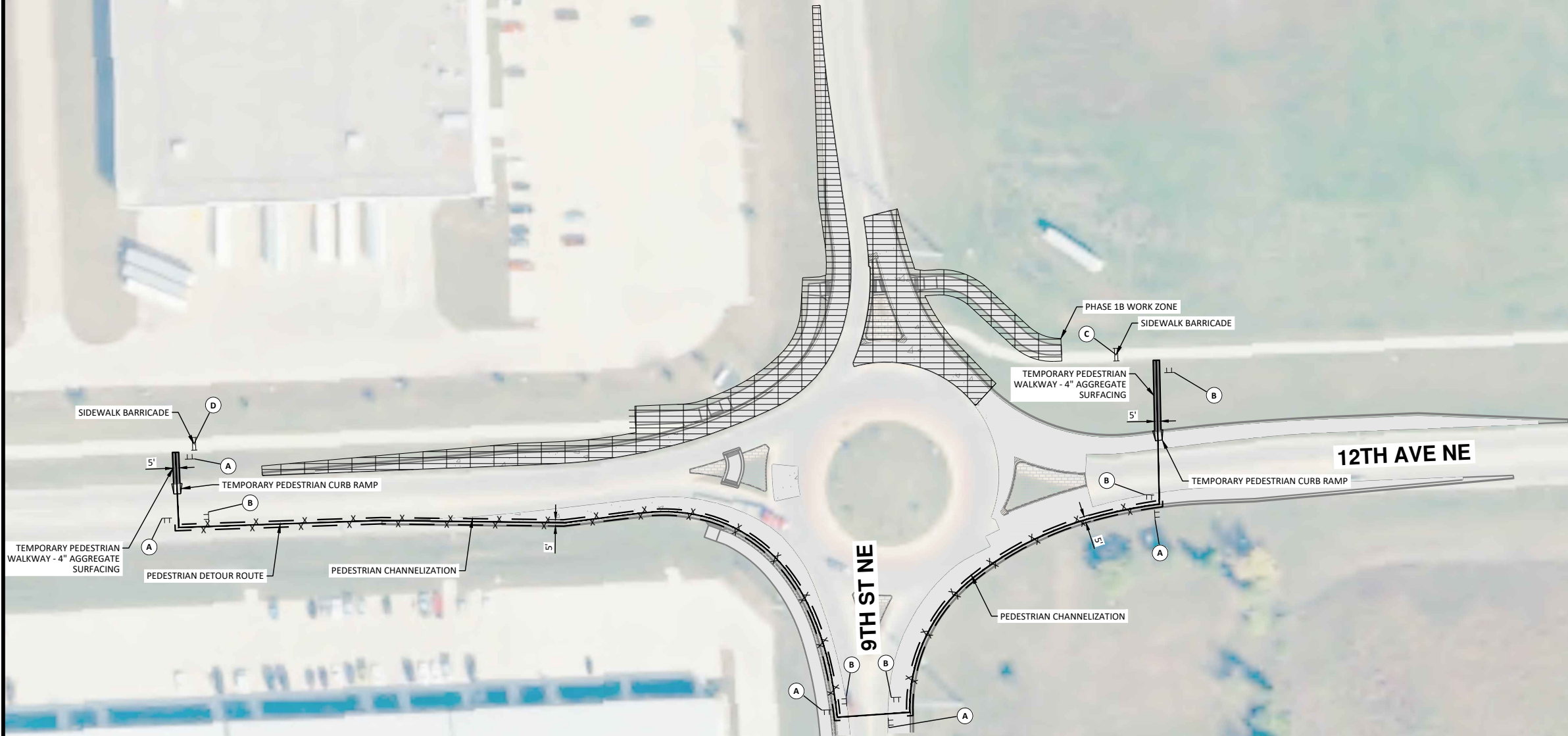
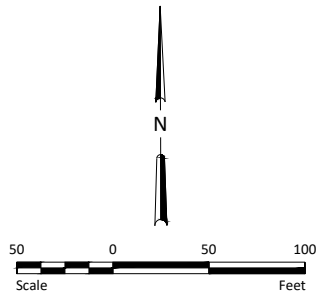
10/22/2025

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

Figure 1 illustrates a traffic signal plan for a 12th Avenue NE intersection. The plan is organized into 12 columns, each representing a different movement or phase. The phases are labeled with letters Q through Z, each with a corresponding time offset in seconds (e.g., Q -1, R -4, S -4, T -2, U -2, V -2, W -2, X -2, Y -4, Z -4). The signal heads are arranged in a grid, with each column containing four heads. The movements are: DETOUR, EAST, WEST, 12th Ave NE, CONSIGN 3, M6-3-21, M5-1-21, and M6-1-21. The plan shows how these movements are controlled by the signal heads across the different phases.

\\houston\h\lbn\8600\8654\8654_0004 9th st\CAD\0_CITY PROJECT\Plans\100 - Traffic Control Ped - 1.dwg Phase 1 Ped-10/22/2025 10:35 AM-[jandresen]

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	100	7



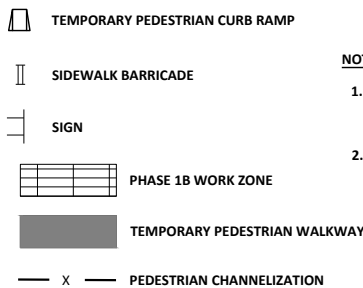
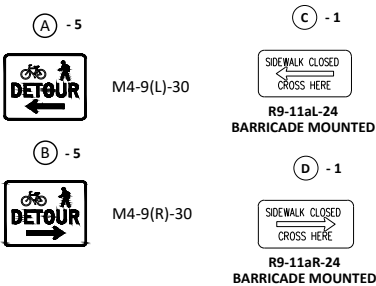
ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



10/22/2025

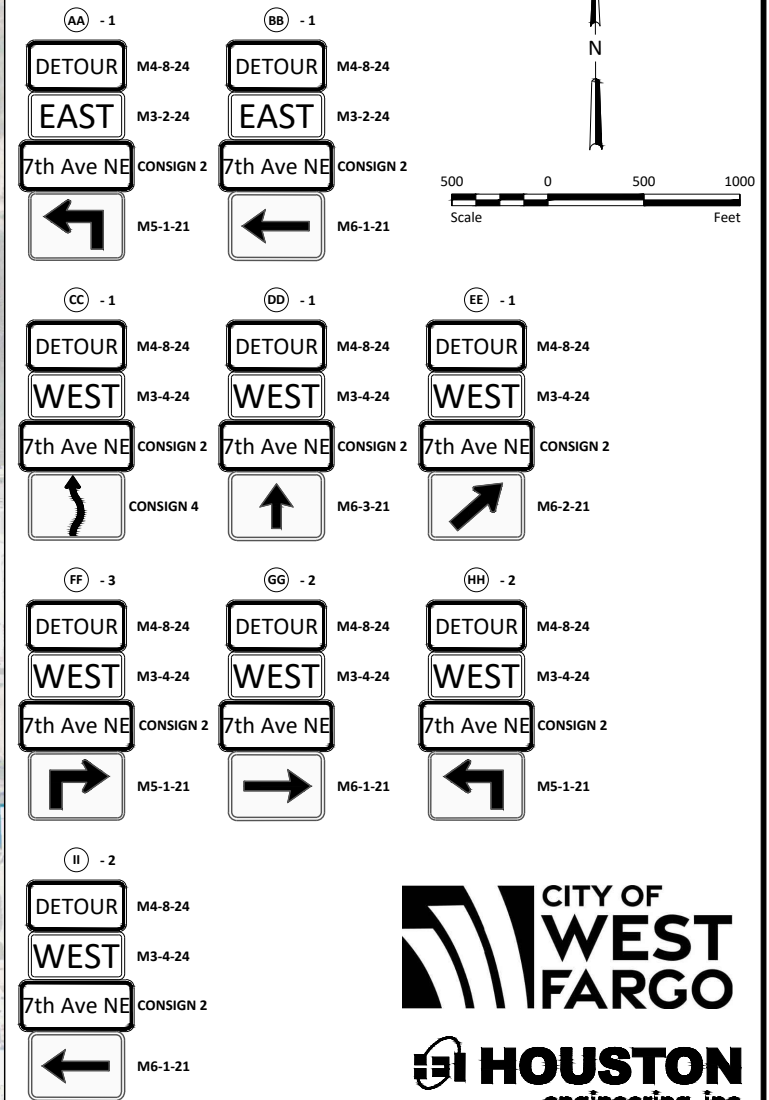
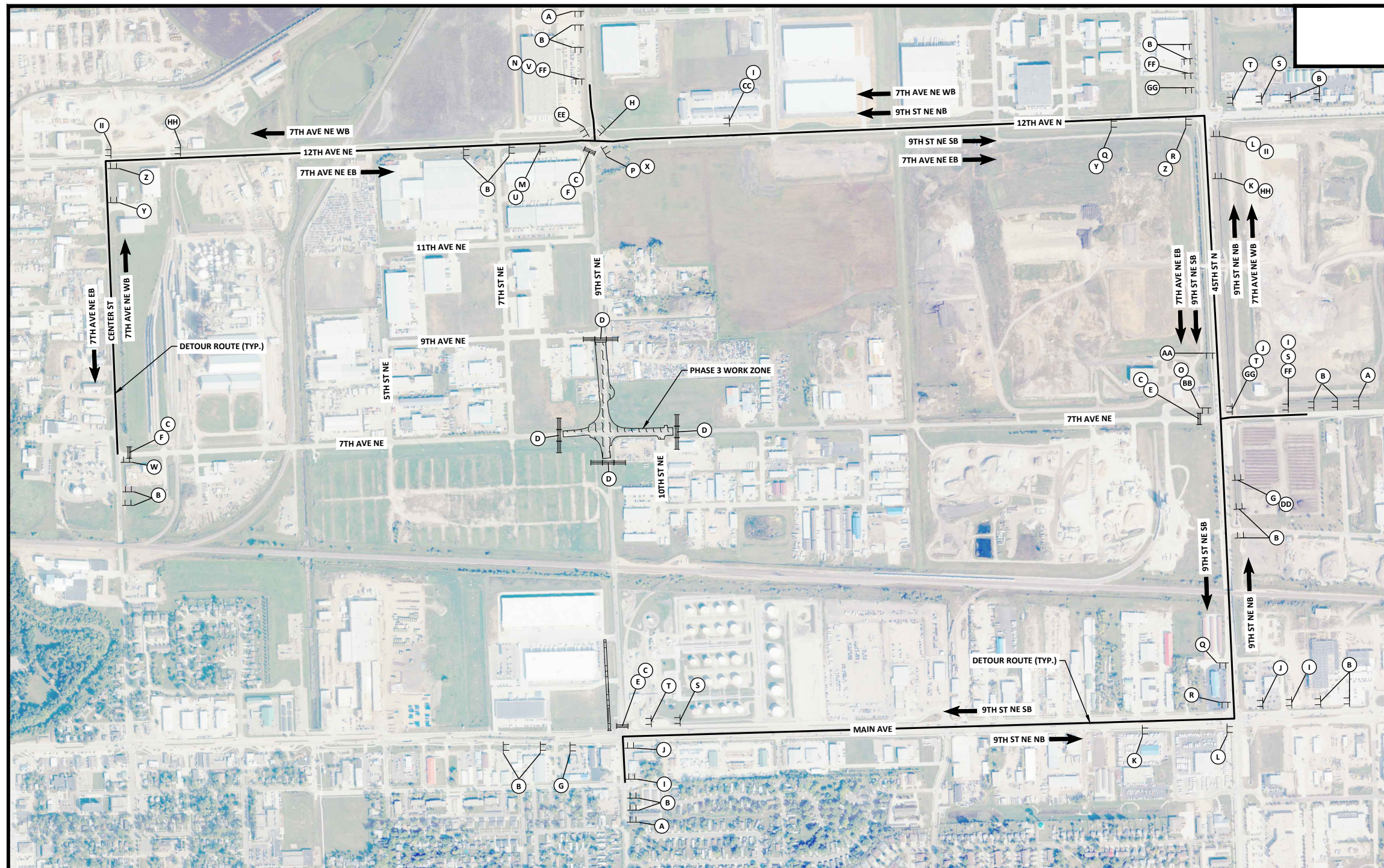
Work Zone Pedestrian Traffic Control - Phase 1B

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit



NOTES:

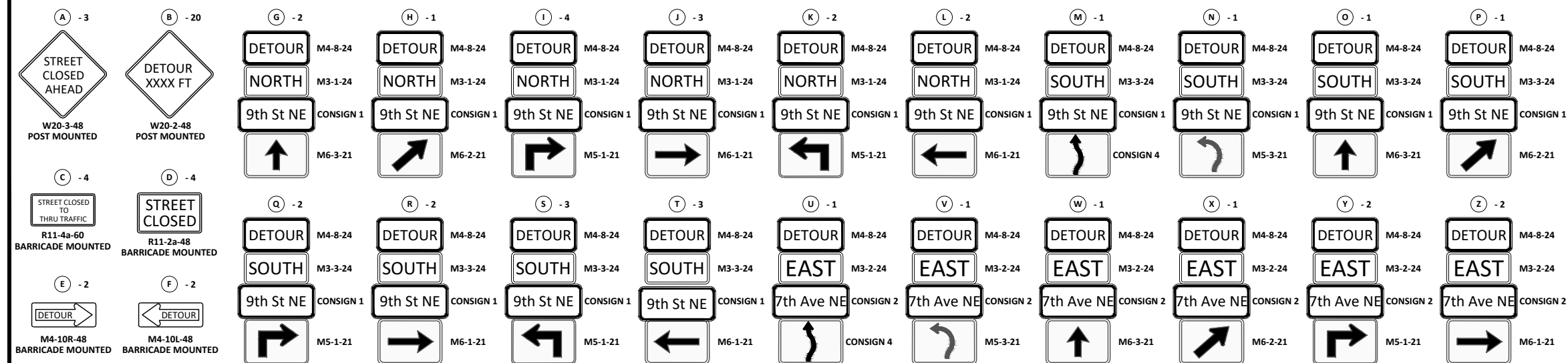
- PHASE 1B IS FOR THE CONSTRUCTION OF THE NORTHWEST AND NORTH LEGS OF THE 9TH ST NE AND 12TH AVE NE ROUNDABOUT.
- INCLUDE ALL COSTS TO CONSTRUCT TEMPORARY PEDESTRIAN WALKWAY, INCLUDING AGGREGATE SURFACING AND EMBANKMENT, IN THE PRICE BID FOR "PEDESTRIAN CHANNELIZATION."



**CITY OF
WEST
FARGO**

HOUSTON
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III TYPE III BARRICADE

⌌ SIGN

 PHASE 3 WORK ZONE

NOTES:

1. PHASE 3 IS FOR THE CONSTRUCTION OF 9TH ST NE NORTH OF THE EXCEPTION AREA AND SOUTH OF 9TH AVE NE, THE 9TH ST NE AND 7TH AVE NE ROUNDABOUT, AND 7TH AVE NE EAST THROUGH THE 10TH ST NE APPROACH.
2. SEE STANDARD DRAWING 704-21 FOR SIGN SPACING DETAILS.



10/22/2025

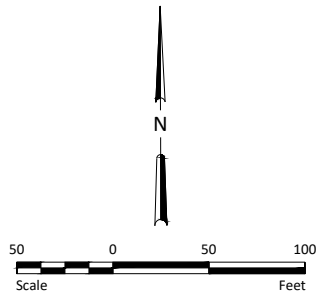
Work Zone Traffic Control - Phase 3

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\he\IBN\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\100 - Traffic Control Ped - 2 & 3.dwg-Phase 2 & 3 Ped-10/22/2025 10:35 AM-[jandresen]



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	100	10



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(UNLESS NOTED OTHERWISE)



10/22/2025

(A) - 1



R9-9-24
BARRICADE MOUNTED

II SIDEWALK BARRICADE



PHASE 2 WORK ZONE

NOTES:

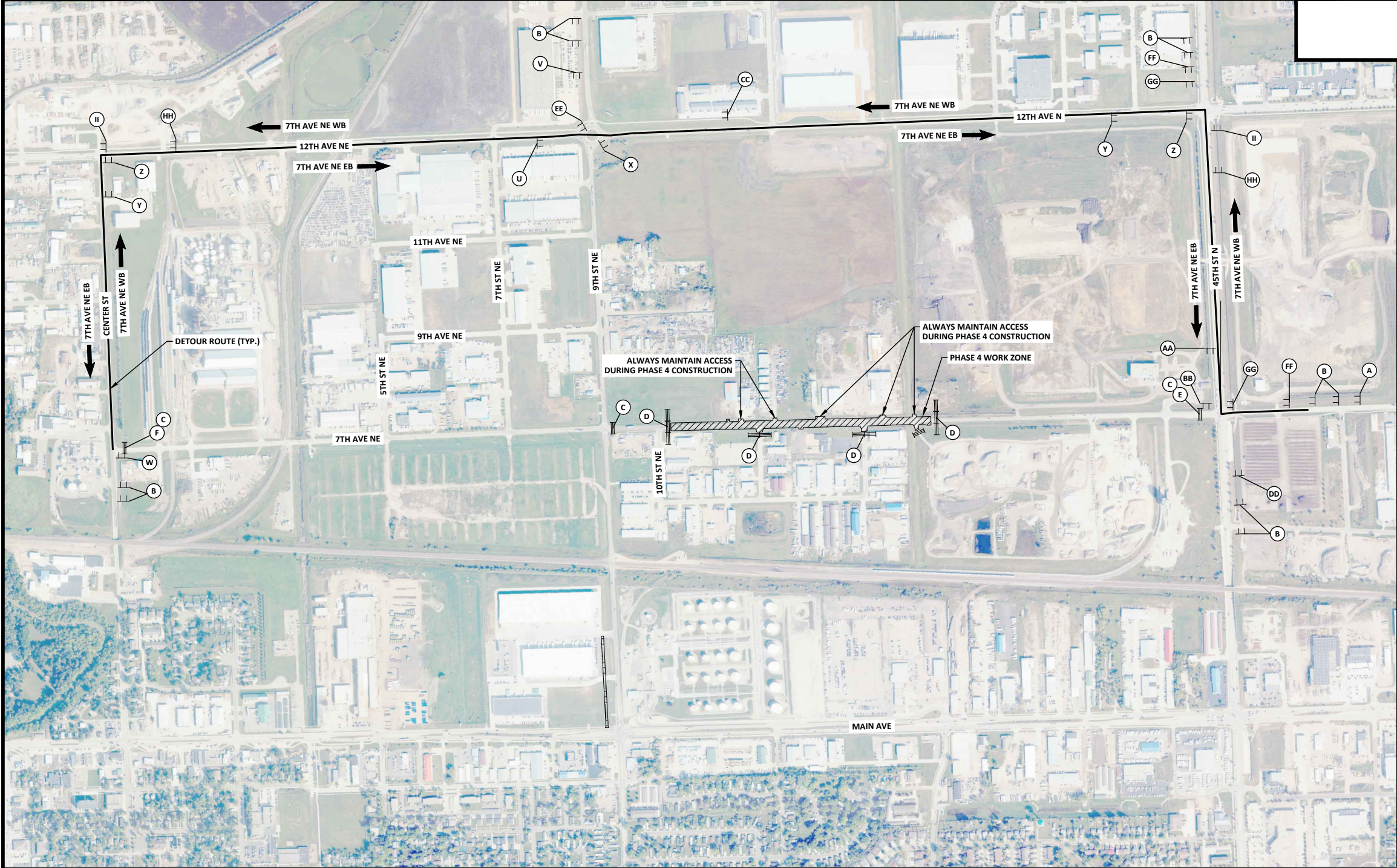
1. PHASES 2 AND 3 ARE FOR THE CONSTRUCTION OF 9TH ST NE NORTH OF THE EXCEPTION AREA AND SOUTH OF THE 9TH ST NE AND 12TH AVE NE ROUNDABOUT, THE 9TH ST NE AND 7TH AVE NE ROUNDABOUT, AND 7TH AVE NE EAST THROUGH THE 10TH ST NE APPROACH.

Work Zone Pedestrian Traffic Control -
Phases 2 & 3

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\houston\8600\8654\8654_0004 8th St CAD\0 - CITY PROJECT\Plans\100 - Traffic Control - 4.dwg-Phase 4-10/22/2025 10:35 AM-(jandresen)

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	100	11



AA - 1

DETOUR

M4-8-24

EAST

M3-2-24

7th Ave NE

CONSIGN 2

M5-1-21

BB - 1

DETOUR

M4-8-24

EAST

M3-2-24

7th Ave NE

CONSIGN 2

M6-1-21

CC - 1

DETOUR

M4-8-24

WEST

M3-4-24

7th Ave NE

CONSIGN 2

CONSIGN 4

DD - 1

DETOUR

M4-8-24

WEST

M3-4-24

7th Ave NE

CONSIGN 2

M6-3-21

EE - 1

DETOUR

M4-8-24

WEST

M3-4-24

7th Ave NE

CONSIGN 2

M6-2-21

FF - 2

DETOUR

M4-8-24

WEST

M3-4-24

7th Ave NE

CONSIGN 2

M5-1-21

GG - 2

DETOUR

M4-8-24

WEST

M3-4-24

7th Ave NE

CONSIGN 2

M6-1-21

HH - 2

DETOUR

M4-8-24

WEST

M3-4-24

7th Ave NE

CONSIGN 2

M5-1-21

II - 2

DETOUR

M4-8-24

WEST

M3-4-24

7th Ave NE

CONSIGN 2

M6-1-21

TYPE III BARRICADE

SIGN

PHASE 4 WORK ZONE

CITY OF

WEST

FARGO

HOUSTON

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REGISTERED PROFESSIONAL ENGINEER

ADAM M. RUDD

PE-10407

DATE

NORTH DAKOTA

10/22/2025

Work Zone Traffic Control - Phase 4

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

A - 1

STREET CLOSED AHEAD

W20-3-48

POST MOUNTED

B - 10

DETOUR XXXX FT

W20-2-48

POST MOUNTED

C - 3

STREET CLOSED TO THRU TRAFFIC

R11-4a-60

BARRICADE MOUNTED

D - 4

STREET CLOSED

R11-2a-48

BARRICADE MOUNTED

E - 1

DETOUR

M4-10R-48

BARRICADE MOUNTED

F - 1

DETOUR

M4-10L-48

BARRICADE MOUNTED

U - 1

DETOUR

M4-8-24

EAST

M3-2-24

7th Ave NE

CONSIGN 2

CONSIGN 4

V - 1

DETOUR

M4-8-24

EAST

M3-2-24

7th Ave NE

CONSIGN 2

M5-3-21

W - 1

DETOUR

M4-8-24

EAST

M3-2-24

7th Ave NE

CONSIGN 2

M6-3-21

X - 1

DETOUR

M4-8-24

EAST

M3-2-24

7th Ave NE

CONSIGN 2

M6-2-21

Y - 2

DETOUR

M4-8-24

EAST

M3-2-24

7th Ave NE

CONSIGN 2

M5-1-21

Z - 2

DETOUR

M4-8-24

EAST

M3-2-24

7th Ave NE

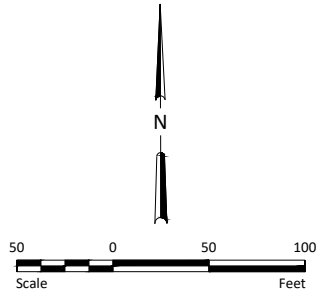
CONSIGN 2

M6-1-21

\\houston\hnl\BN\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\100 - Traffic Control Ped - 4.dwg Phase 4 Ped-10/22/2025 10:36 AM-[jandresen]



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	100	12



ALL ELEVATIONS ARE BASED ON
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(UNLESS NOTED OTHERWISE)



10/22/2025

Work Zone Pedestrian Traffic Control - Phase 4

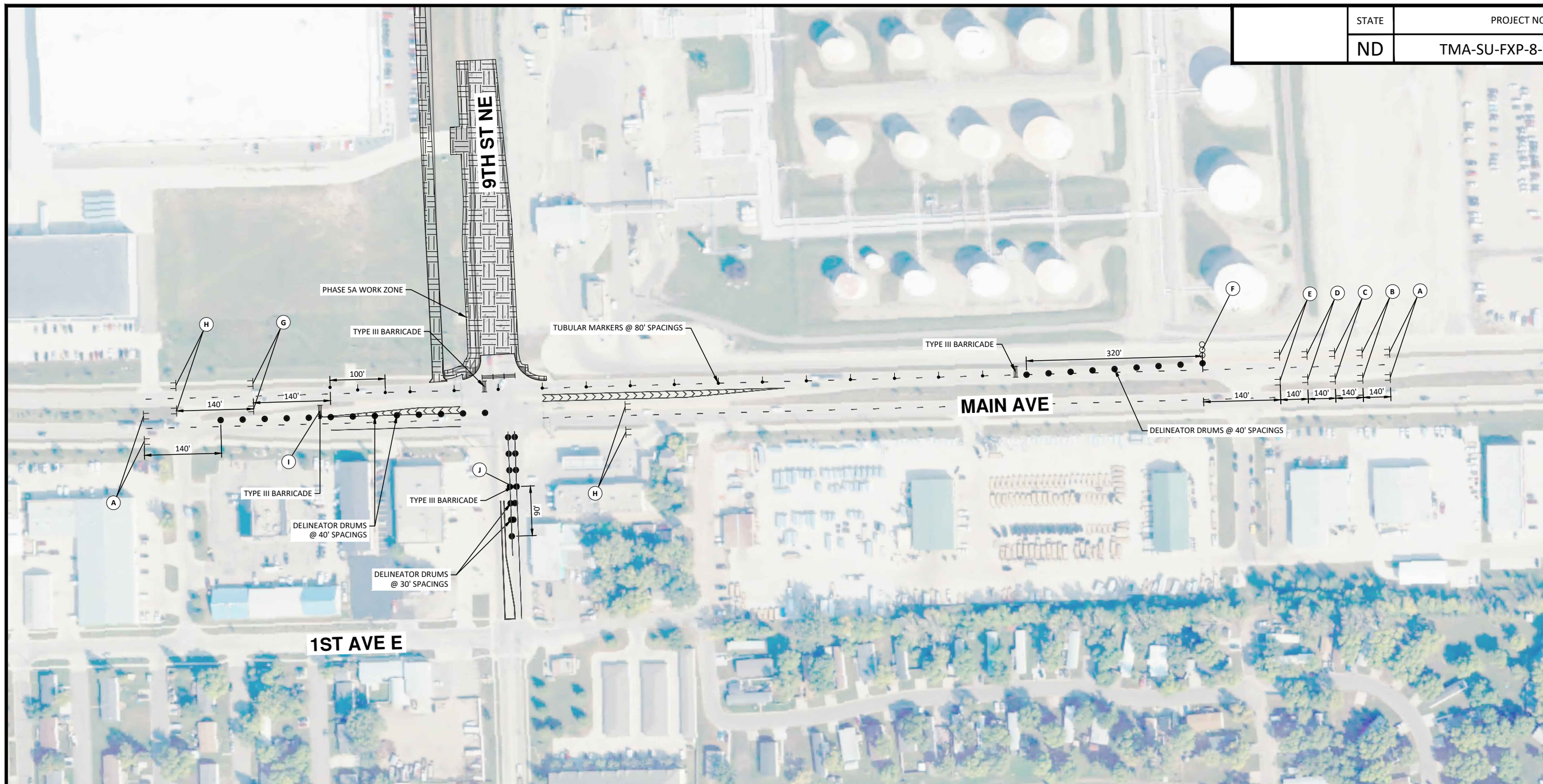
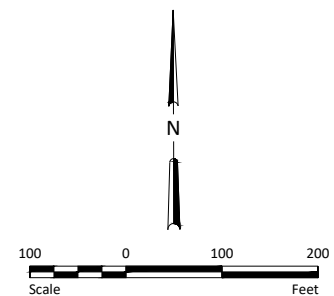
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

A -4
SIDEWALK
CLOSED
R9-9-24
BARRICADE MOUNTED

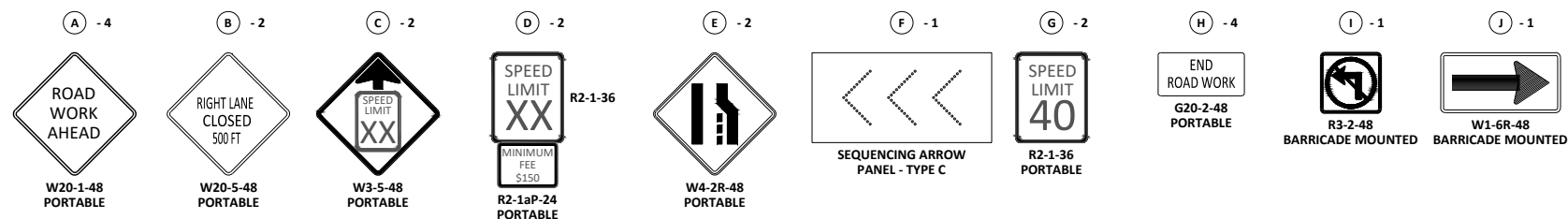
B -1
SIDEWALK
CLOSED R9-9-24
AHEAD
W16-9p-30
BARRICADE MOUNTED

TEMPORARY PEDESTRIAN CURB RAMP
SIDEWALK BARRICADE
PHASE 4 WORK ZONE
TEMPORARY PEDESTRIAN WALKWAY
PEDESTRIAN CHANNELIZATION

NOTES:
1. PHASE 4 IS FOR THE CONSTRUCTION OF 7TH AVE NE EAST OF 10TH ST NE.
2. INSTALL TEMPORARY PEDESTRIAN ACCESS ROUTE AFTER CLOSING THE RIGHT LANE OF 45TH ST N FOR THE CONSTRUCTION OF THE PEDESTRIAN RAMPS NORTHWEST OF 7TH AVE NE AND 45TH ST N.
3. INCLUDE ALL COSTS TO CONSTRUCT TEMPORARY PEDESTRIAN WALKWAY, INCLUDING AGGREGATE SURFACING AND EMBANKMENT, IN THE PRICE BID FOR "PEDESTRIAN CHANNELIZATION."



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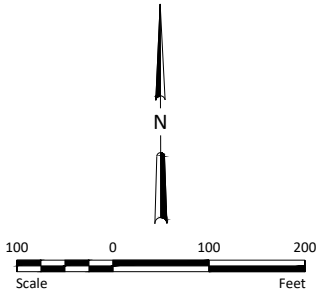
10/22/2025

Work Zone Traffic Control - Phase 5A Right Lane Closure

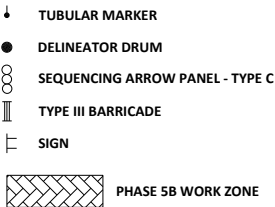
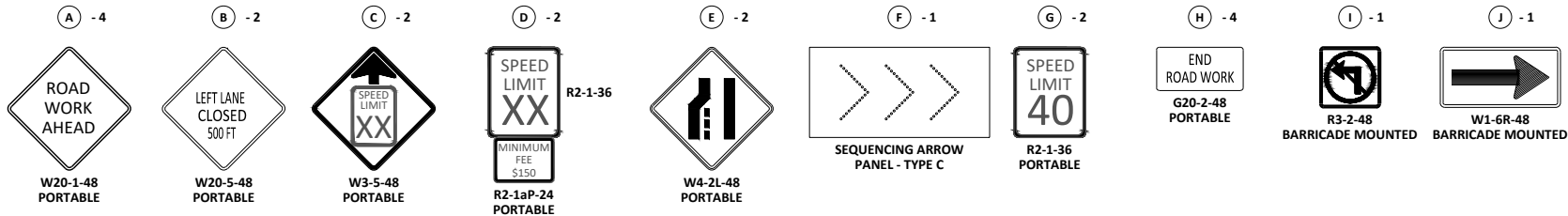
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\houston\8600\8654\8654_0004 9th St\CAD\0 - CITY PROJECT\Plans\100 - Traffic Control - 5B Lt Lane.dwg-Phase 5B Lt Lane-10/22/2025 10:36 AM-(jandresen)

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	100	15



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



NOTES:

1. PHASE 5B IS FOR THE CONSTRUCTION OF THE MAIN AVE MEDIAN WEST OF 9TH ST NE.
2. CLOSE THE LEFT LANE OF MAIN AVE WESTBOUND.
3. MAINTAIN MAIN AVE WESTBOUND TRAFFIC IN THE RIGHT LANE WHEN UTILIZING THIS LAYOUT.
4. MAINTAIN ACCESS TO THE MAIN AVE WESTBOUND LEFT TURN LANE AT ALL TIMES.



10/22/2025

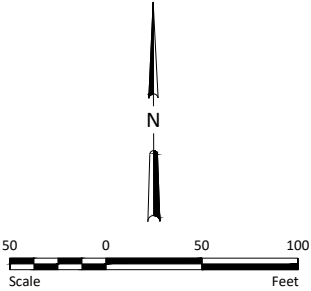
Work Zone Traffic Control - Phase 5B Left Lane Closure

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

\\houston\hnl\BN\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\100 - Traffic Control Ped - 5A & 5B.dwg-Phase 5A & 5B Ped-10/22/2025 10:36 AM-[jandresen]



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	100	16



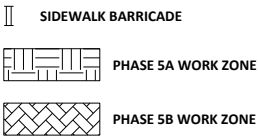
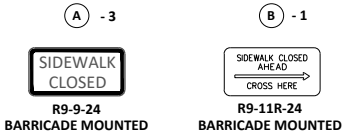
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10/22/2025

Work Zone Pedestrian Control-
Phases 5A & 5B

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

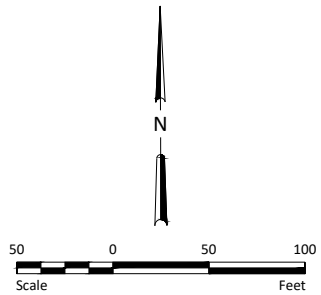


NOTES:

1. PHASE 5A IS FOR THE CONSTRUCTION OF 9TH ST NE NORTH OF MAIN AVE AND SOUTH OF THE EXCEPTION AREA. PHASE 5B IS FOR THE CONSTRUCTION OF THE MAIN AVE MEDIAN WEST OF 9TH ST NE.

\\houston\h\IBN\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\100 - Traffic Control - 5C.dwg-Phase 5C-10/22/2025 10:37 AM-[jardresen]

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	100	17



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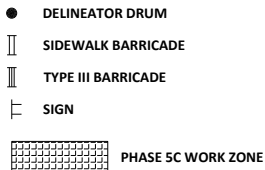
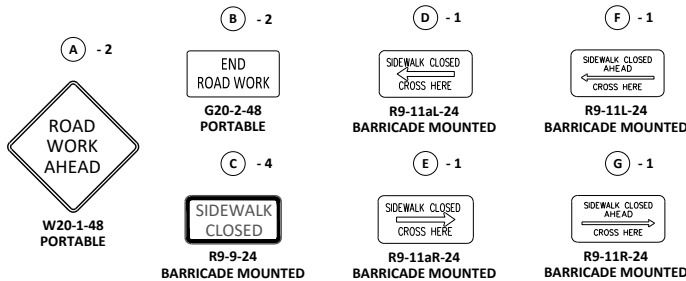
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(UNLESS NOTED OTHERWISE)



10/22/2025

Work Zone Traffic Control - Phase 5C

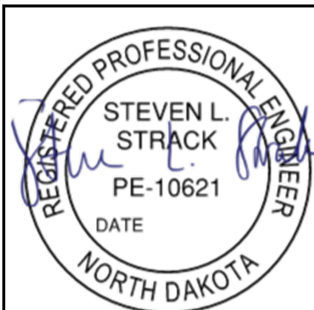
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit



NOTES:

- PHASE 5C IS FOR THE CONSTRUCTION OF PEDESTRIAN RAMPS SOUTHWEST OF MAIN AVE AND 9TH ST NE.
- CLOSE THE RIGHT TURN LANE OF MAIN AVE EASTBOUND.

H:\JBN\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\110 - Sign Summary.dwg-Layout (1)-11/11/2025 4:11 PM-(kstrecker)

																				STATE	PROJECT NO.		SECTION NO.	SHEET NO.
																				N.D.	TMA-SU-FXP-8-992(045)		110	1
Station / RP	Sign No.	Assembly No.	Flat Sheet For Signs		Sign Support Length				Vert Clear- ance	Support Size	Max Post Len	Sleeve Length				Sleeve Size	Anchor EA	Anchor LF	Anchor Size	Reset Sign Panel EA	Reset Sign Support EA	Break-Away EA	Comments	
			IV SF	XI SF	1st LF	2nd LF	3rd LF	4th LF	FT		LF	LF	LF	LF										
9th Street NE																								
102+87 Lt		9		5.0	9.7				7.0	2 x 2 12 ga	11.5						1	4	2.25 x 2.25 12 ga					
103+47 Lt	SA G			6.0	8.2				7.0	2 x 2 12 ga	13.2						1	4	2.25 x 2.25 12 ga					
105+34 Rt				9.0					7.0													Mount on Light Standard		
107+09 Lt		37		10.0	9.7				7.0	2.5 x 2.5 10 ga	11.4						1	4	3 x 3 7 ga		1			
126+91 Lt		9		5.0	9.7				7.0	2 x 2 12 ga	11.5						1	4	2.25 x 2.25 12 ga					
127+79 Lt	SA A			8.5	12.0				7.0	2.5 x 2.5 12 ga	12.3						1	4	3 x 3 7 ga					
128+22 Lt	SN 5		6.8		8.2				7.0	2.25 x 2.25 12 ga	9.6						1	4	2.5 x 2.5 12 ga					
128+23 Rt		4		3.9	10.2				7.0	2 x 2 12 ga	13.6						1	4	2.25 x 2.25 12 ga					
128+25 Lt		4		3.9	9.8				7.0	2 x 2 12 ga	13.6						1	4	2.25 x 2.25 12 ga					
128+86 Rt		27		3.0	8.2				7.0	2 x 2 12 ga	13.2						1	4	2.25 x 2.25 12 ga					
129+62 Lt		27		3.0	8.2				7.0	2 x 2 12 ga	13.2						1	4	2.25 x 2.25 12 ga					
130+15 Rt	SN 5		6.8		8.2				7.0	2.25 x 2.25 12 ga	9.6						1	4	2.5 x 2.5 12 ga					
130+18 Lt		4		3.9	9.8				7.0	2 x 2 12 ga	13.6						1	4	2.25 x 2.25 12 ga					
130+27 Lt		4		3.9	10.2				7.0	2 x 2 12 ga	13.6						1	4	2.25 x 2.25 12 ga					
131+42 Rt		9		5.0					7.0													Mount on Light Standard		
131+48 Lt		9		5.0	9.7				7.0	2 x 2 12 ga	11.5						1	4	2.25 x 2.25 12 ga					
132+98 Rt		22		6.0					7.0													Mount on Light Standard		
133+64 Rt		27		3.0	8.2				7.0	2 x 2 12 ga	13.2						1	4	2.25 x 2.25 12 ga					
133+76 Lt		19		6.3	10.2				7.0	2.25 x 2.25 12 ga	11.6						1	4	2.5 x 2.5 12 ga					
134+75 Rt		27		3.0	8.2				7.0	2 x 2 12 ga	13.2						1	4	2.25 x 2.25 12 ga					
137+30 Lt	SA B			13.2	12.2				7.0	2.5 x 2.5 12 ga	12.6						1	4	3 x 3 7 ga					
137+46 Rt		27		3.0	8.2				7.0	2 x 2 12 ga	13.2						1	4	2.25 x 2.25 12 ga					
138+59 Rt	SA C			12.3	10.7				7.0	2.25 x 2.25 12 ga	12.6						1	4	2.5 x 2.5 12 ga					
139+48 Rt	SA D			11.2	10.7				7.0	2.25 x 2.25 12 ga	12.6						1	4	2.5 x 2.5 12 ga					
140+01 Lt		22		6.0	10.2				7.0	2.25 x 2.25 12 ga	12.9						1	4	2.5 x 2.5 12 ga					
140+38 Rt		27		3.0	8.2				7.0	2 x 2 12 ga	13.2						1	4	2.25 x 2.25 12 ga					
140+98 Rt		27		3.0	8.2				7.0	2 x 2 12 ga	13.2						1	4	2.25 x 2.25 12 ga					
141+77 Rt		27		3.0	8.2				7.0	2 x 2 12 ga	13.2						1	4	2.25 x 2.25 12 ga					
142+53 Rt		1		5.2	9.7				7.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga					
142+65 Rt	SA C			12.3	10.7				7.0	2.25 x 2.25 12 ga	12.6						1	4	2.5 x 2.5 12 ga					
143+42 Rt		1		5.2	9.7				7.0	2 x 2 12 ga	10.5						1	4	2.25 x 2.25 12 ga					
143+94 Rt		22		6.0					7.0													Mount on Light Standard		
145+38 Lt	SA B			13.2	12.2				7.0	2.5 x 2.5 12 ga	12.6						1	4	3 x 3 7 ga					
146+85 Lt		22		6.0	10.4				7.0	2.25 x 2.25 12 ga	12.9						1	4	2.5 x 2.5 12 ga					
																								
																								
11/11/25 4:07:36PM																			11/11/2025					
Page 1 of 4																			Sign Summary Perforated Tube					
																			9th St NE from Main Ave to 12th Ave 7th Ave NE from 9th St NE to City Limit					
																			ALL ELEVATIONS ARE BASED ON THE U.S.C.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)					

H:\JBN\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\110 - Sign Summary.dwg-Layout (2)-11/11/2025 4:11 PM-(kstrecke)

																		STATE	PROJECT NO.			SECTION NO.	SHEET NO.			
																	N.D.	TMA-SU-FXP-8-992(045)			110	2				
Station / RP	Sign No.	Assembly No.	Flat Sheet For Signs		Sign Support Length				Vert Clearance	Support Size	Max Post Len	Sleeve Length				Sleeve Size	Anchor EA	Anchor LF	Anchor Size	Reset Sign Panel EA	Reset Sign Support EA	Break-Away EA	Comments			
			IV SF	XI SF	1st LF	2nd LF	3rd LF	4th LF	FT		LF	1st LF	2nd LF	3rd LF	4th LF											
148+35 Lt		9		5.0	9.9				7.0	2 x 2 12 ga	11.5						1	4	2.25 x 2.25 12 ga							
149+97 Rt		19		6.3					7.0													Mount on Light Standard				
151+46 Rt		36		8.8					7.0													Mount on Light Standard				
151+51 Lt		15		6.3	10.0				7.0	2.25 x 2.25 12 ga	11.6						1	4	2.5 x 2.5 12 ga							
152+89 Lt		9		5.0	9.7				7.0	2 x 2 12 ga	11.5						1	4	2.25 x 2.25 12 ga							
153+31 Rt		4		3.9	9.8				7.0	2 x 2 12 ga	13.6						1	4	2.25 x 2.25 12 ga							
153+34 Lt	SN 5		6.8		8.2				7.0	2.25 x 2.25 12 ga	9.6						1	4	2.5 x 2.5 12 ga							
153+82 Rt				6.0	8.2				7.0	2 x 2 12 ga	8.7						1	4	2.25 x 2.25 12 ga							
154+70 Lt				6.0	8.2				7.0	2 x 2 12 ga	8.7						1	4	2.25 x 2.25 12 ga							
155+41 Rt	SN 5		6.8		8.2				7.0	2.25 x 2.25 12 ga	9.6						1	4	2.5 x 2.5 12 ga							
155+41 Rt		4		3.9	9.8				7.0	2 x 2 12 ga	13.6						1	4	2.25 x 2.25 12 ga							
155+43 Lt		4		3.9	10.2				7.0	2 x 2 12 ga	13.6						1	4	2.25 x 2.25 12 ga							
155+88 Rt		9		5.0	9.7				7.0	2 x 2 12 ga	11.5						1	4	2.25 x 2.25 12 ga							
155+88 Lt	SA A			8.5	12.0				7.0	2.5 x 2.5 12 ga	12.8						1	4	3 x 3 7 ga							
155+88 Rt	SA A			8.5	12.0				7.0	2.5 x 2.5 12 ga	12.8						1	4	3 x 3 7 ga							
157+33 Lt		36		8.8					7.0													Mount on Light Standard				
158+06 Rt		9		5.0	12.9				7.0	2.25 x 2.25 12 ga	15.0						1	4	2.5 x 2.5 12 ga							
158+98 Lt		19		6.3					7.0													Mount on Light Standard				
Sub Total			27.2	293.2	Total		426.5												Total	176.0		0	0	1		

HOUSTON

engineering, inc.

ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

REGISTERED PROFESSIONAL ENGINEER

STEVEN L. STRACK

PE-10621

DATE

NORTH DAKOTA

11/11/2025

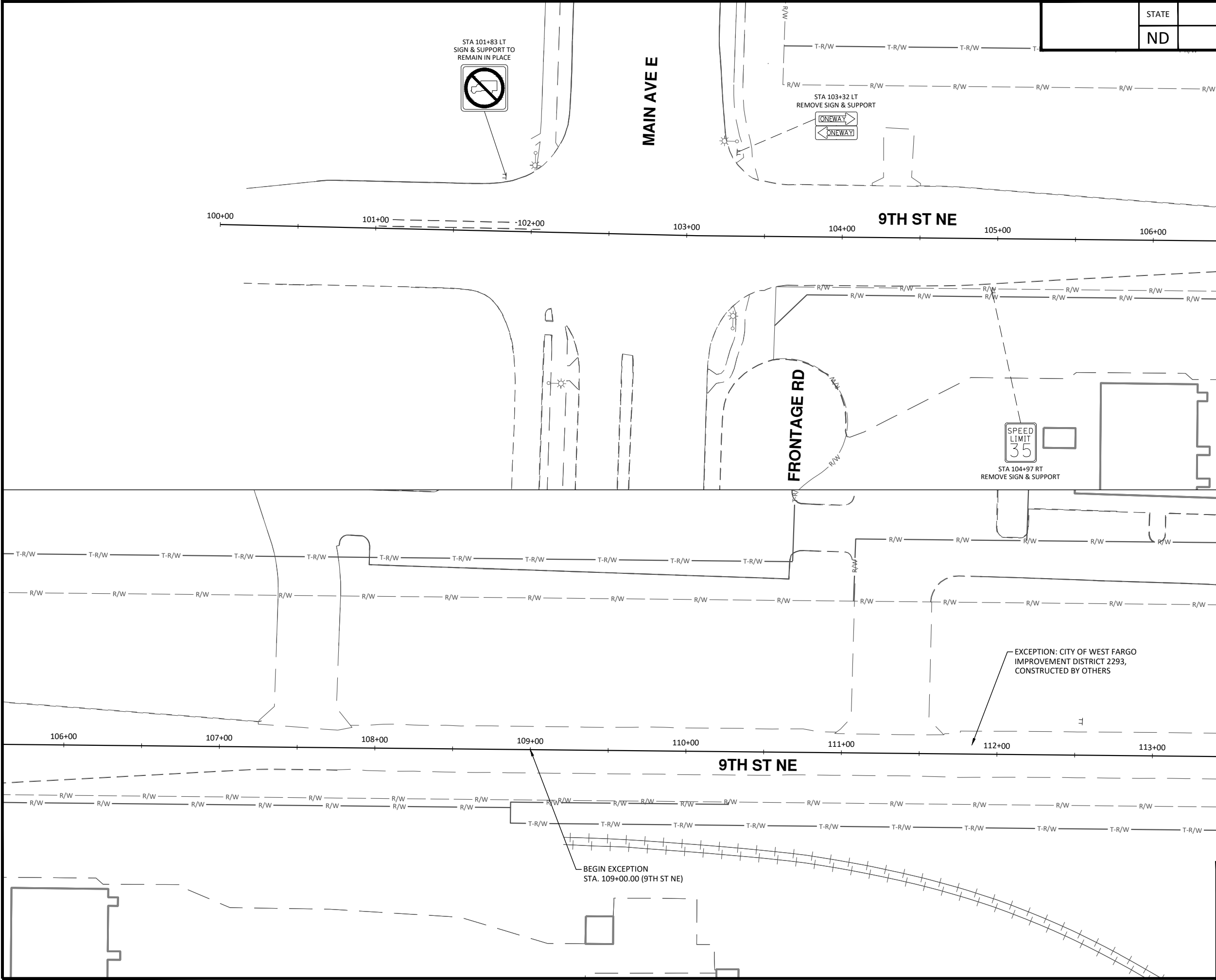
Sign Summary

Perforated Tube

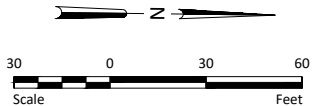
9th St NE from Main Ave to 12th Ave

7th Ave NE from 9th St NE to City Limit

H:\JBN\8600\8654\8654_0004 9th St NE Signing - Existing.dwg Signing (1)-11/11/2025 3:30 PM-1strack)



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	110	5



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

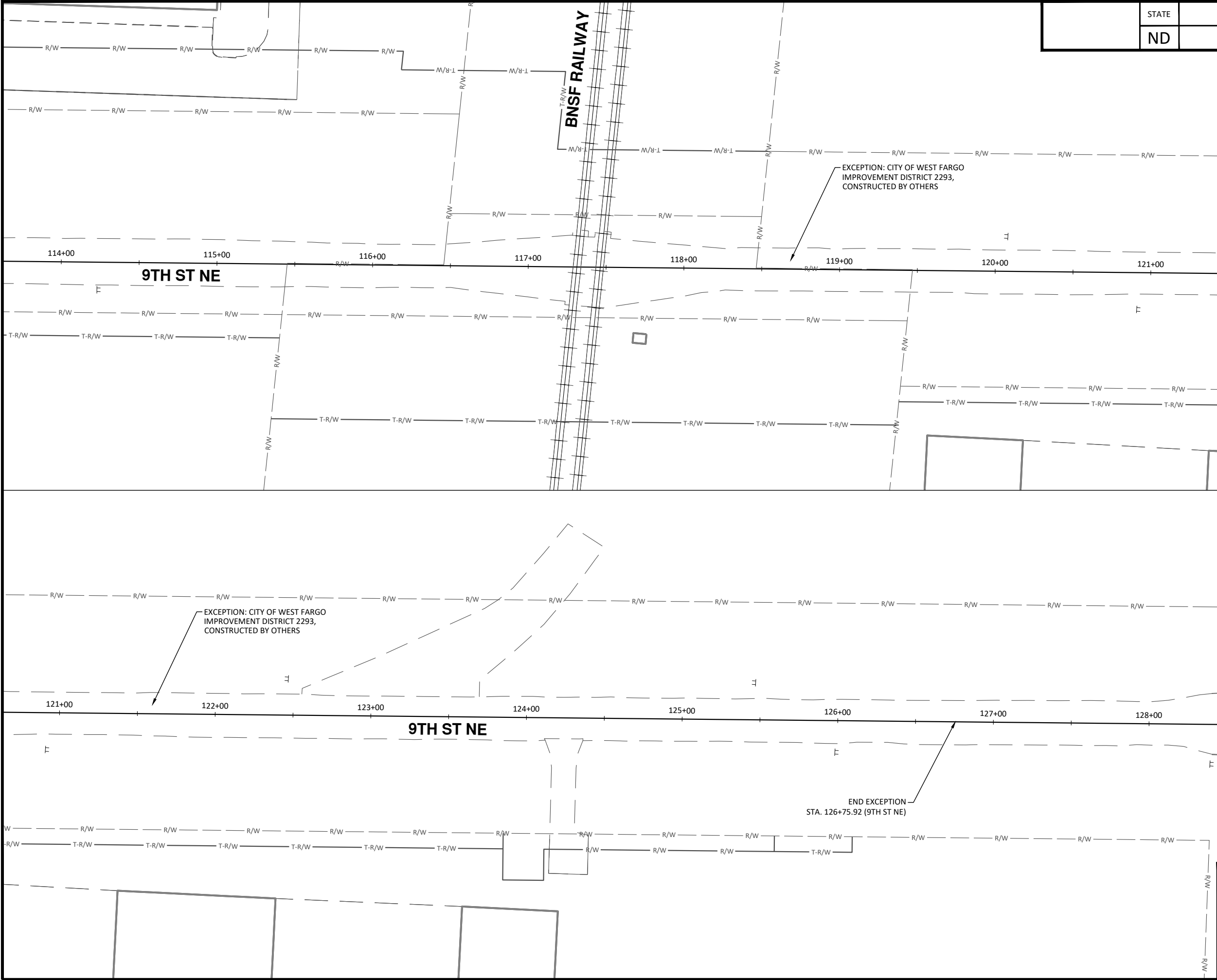


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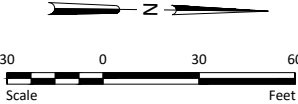
Existing Signing - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	110	6



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

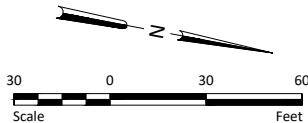
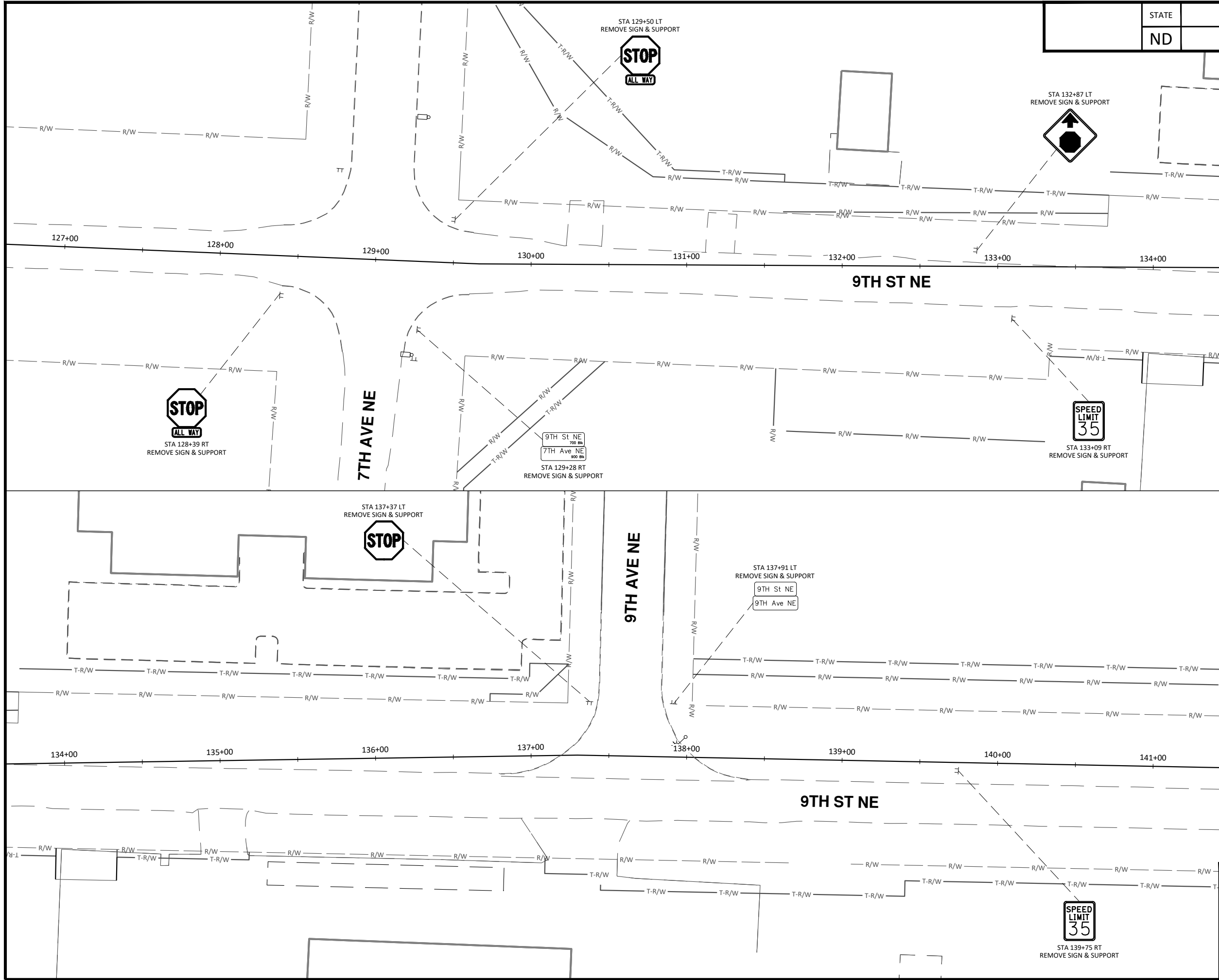


11/11/2025

Existing Signing - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBW\8600\8654\8654_0004-9th St NE Signing - Existing.dwg (Plots)\110 - 9th St NE Signing - Existing.dwg (3:11/11/2025 3:30 PM)-(strack)



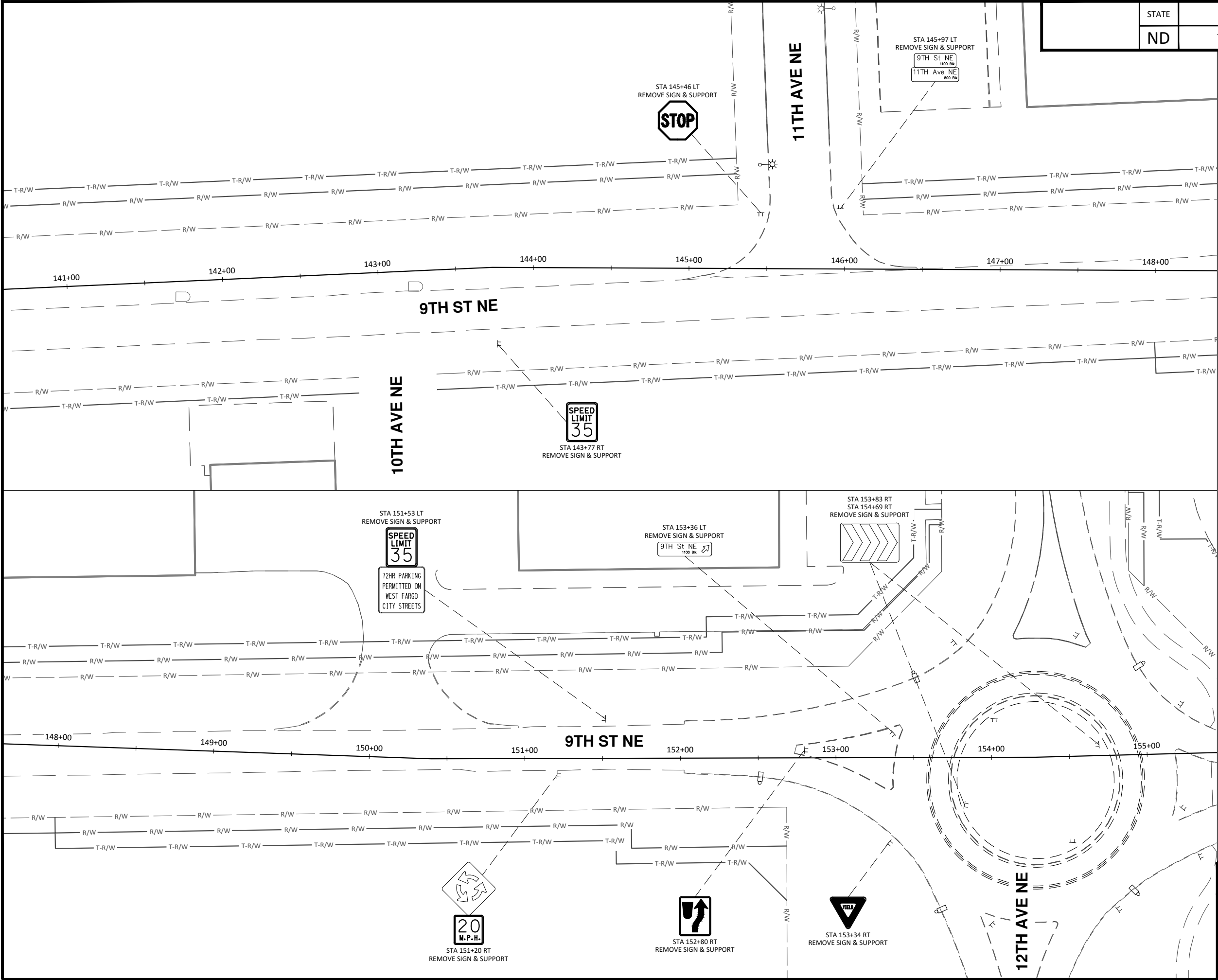
ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



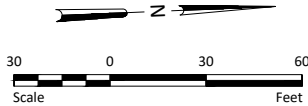
Existing Signing - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	110	8



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

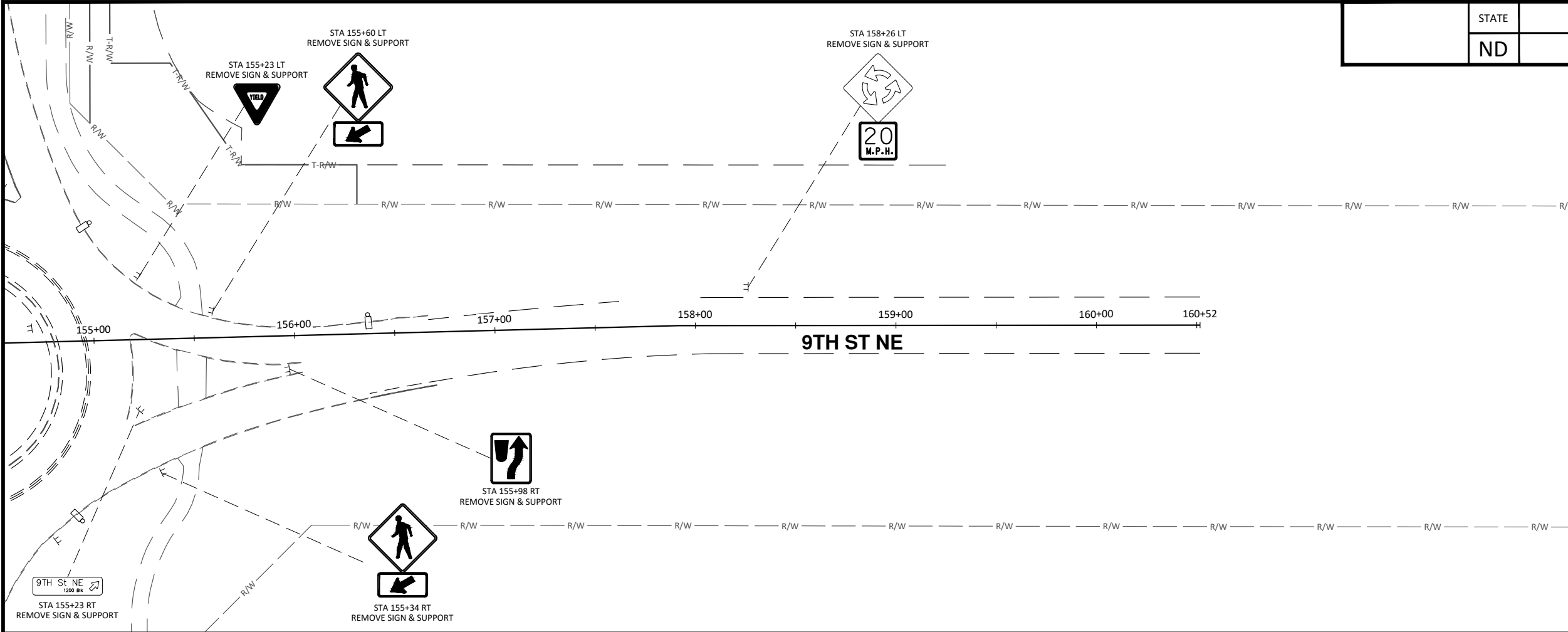


11/11/2025

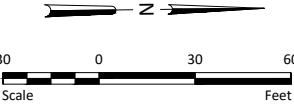
Existing Signing - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBW\8600\8654_0004 9th St NE Signing_Existing.dwg Signing (5)11/11/2025 3:31 PM-lstrack\



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	110	9



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

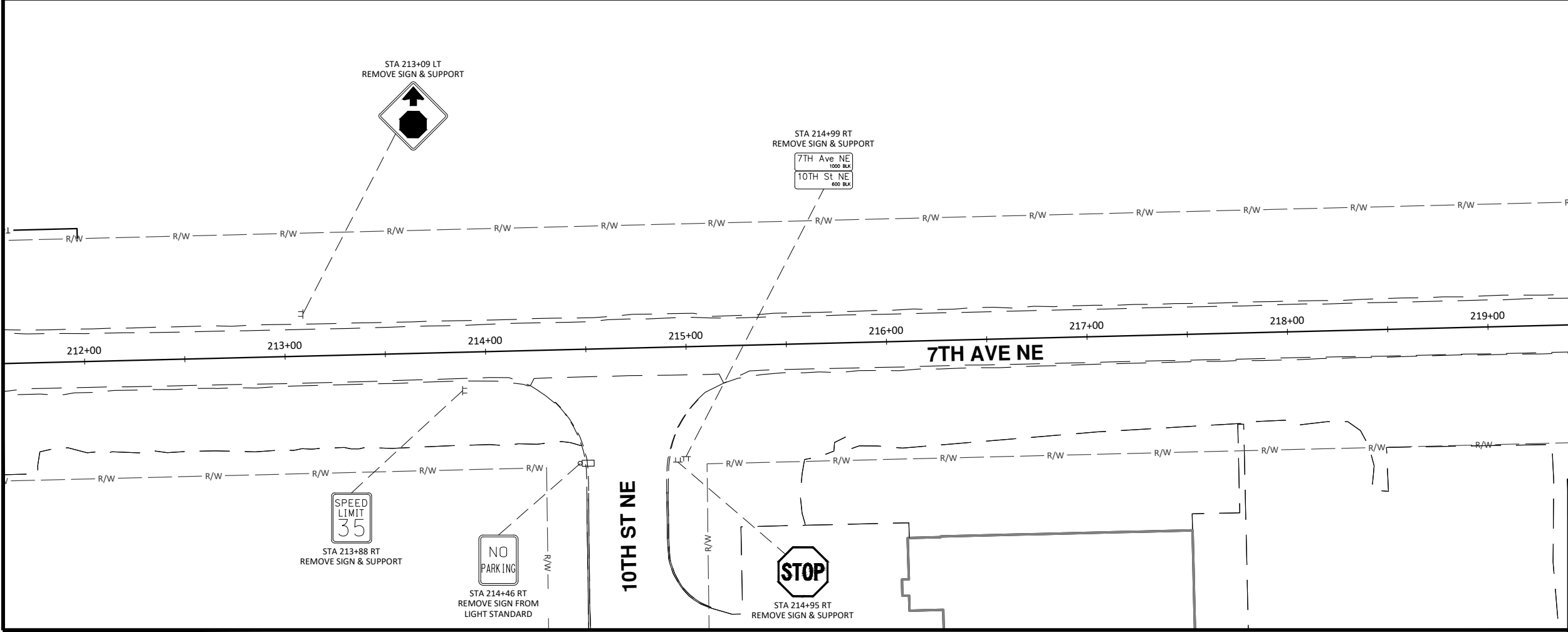
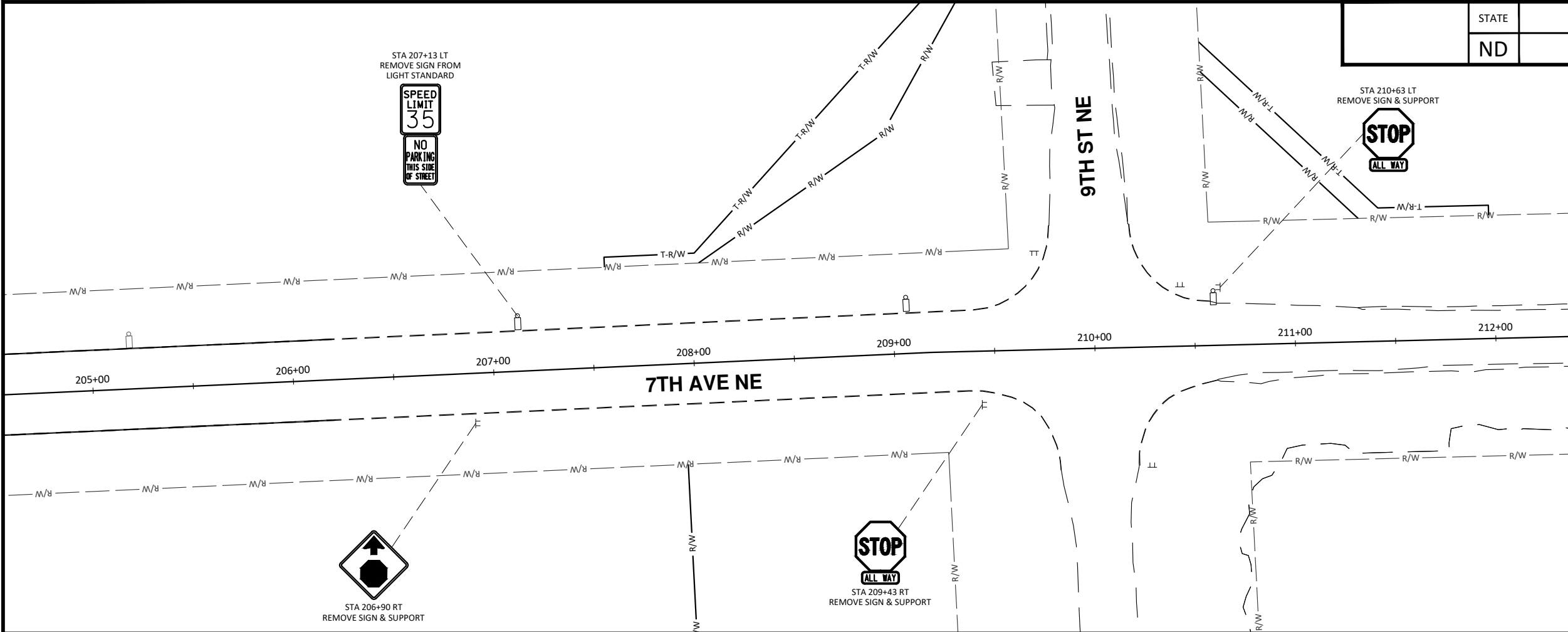


11/11/2025

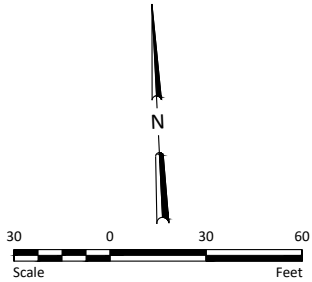
Existing Signing - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	110	11



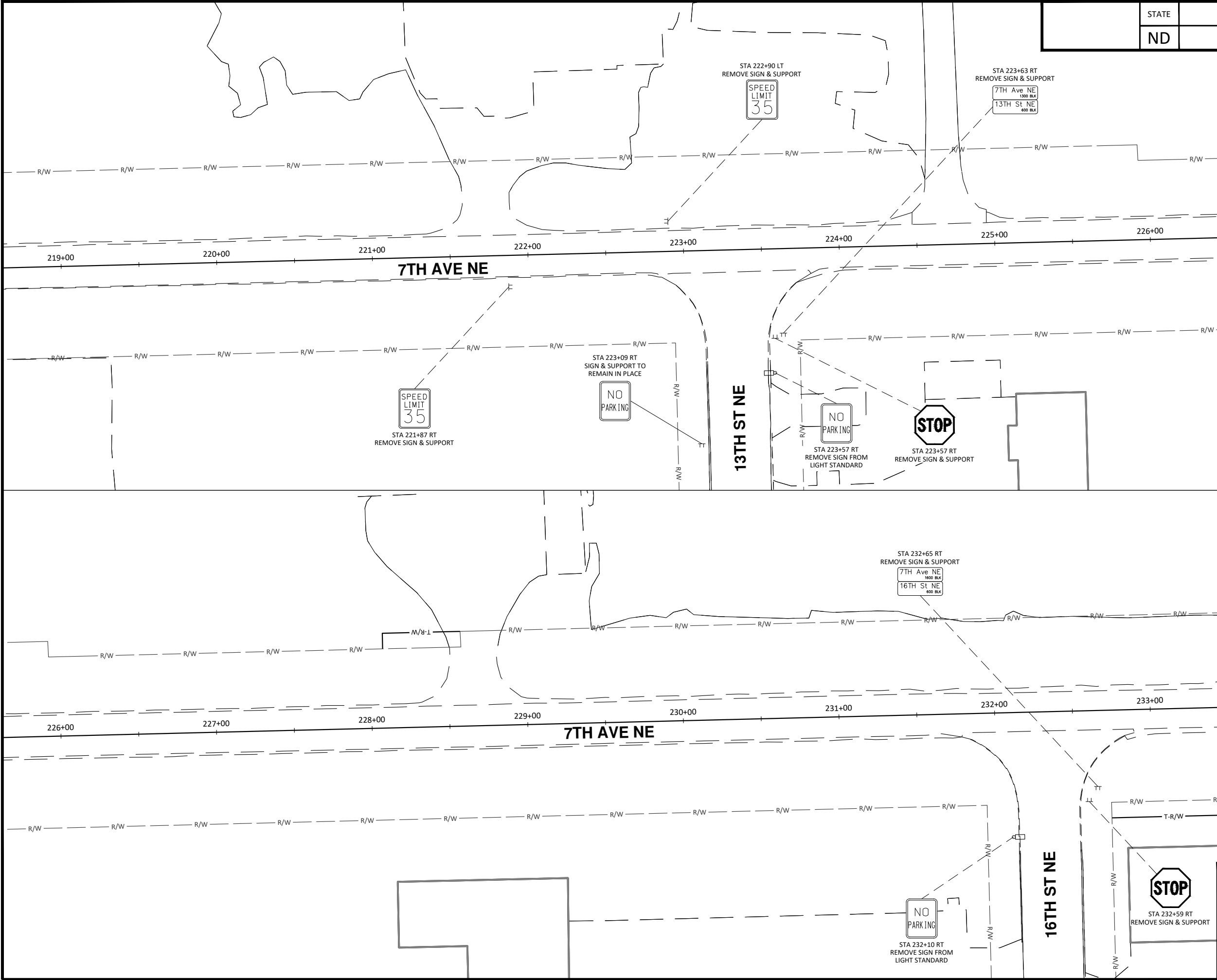
ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



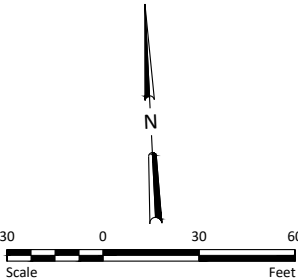
Existing Signing - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	110	12



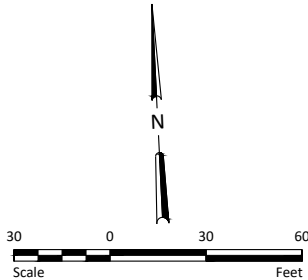
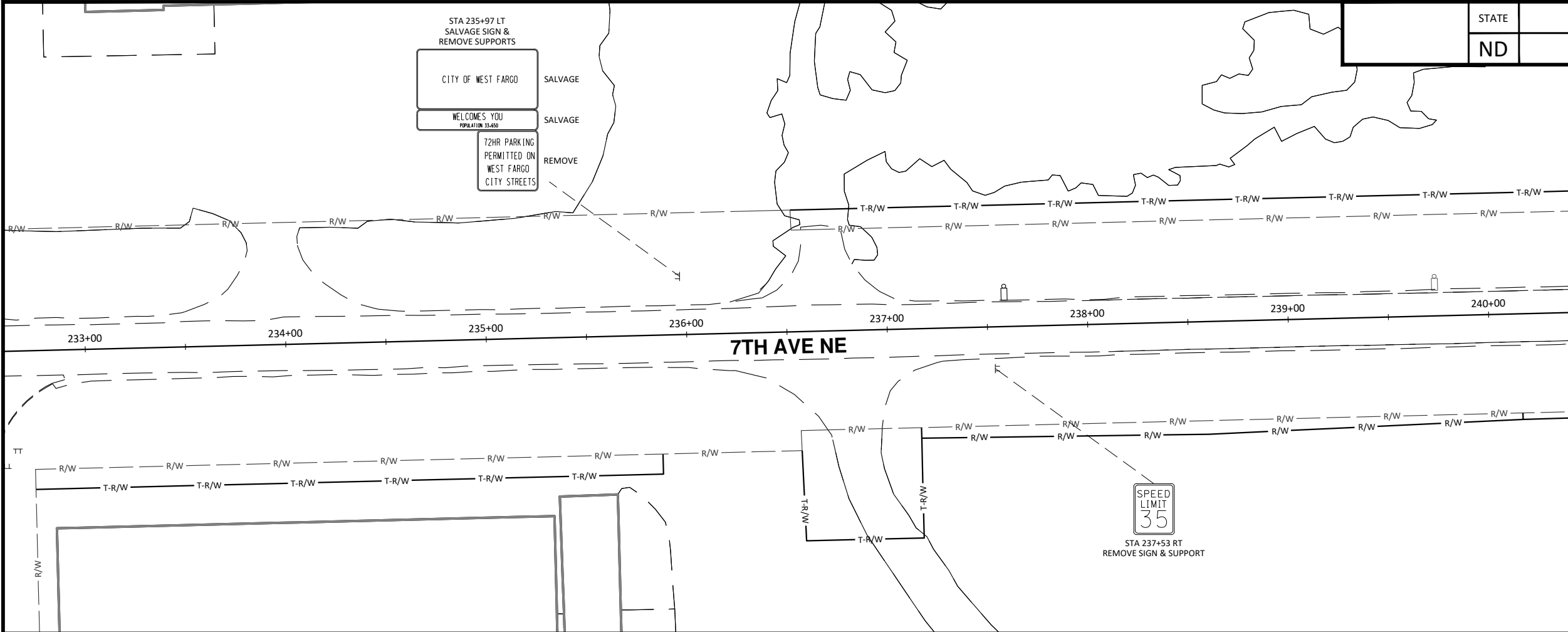
ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



Existing Signing - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\BNA\8600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\110 - 7th Ave NE Signing_Existing.dwg-Signing (3)-11/11/2025 3:33 PM-(strack)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND TMA-SU-FXP-8-992(045)	110	13



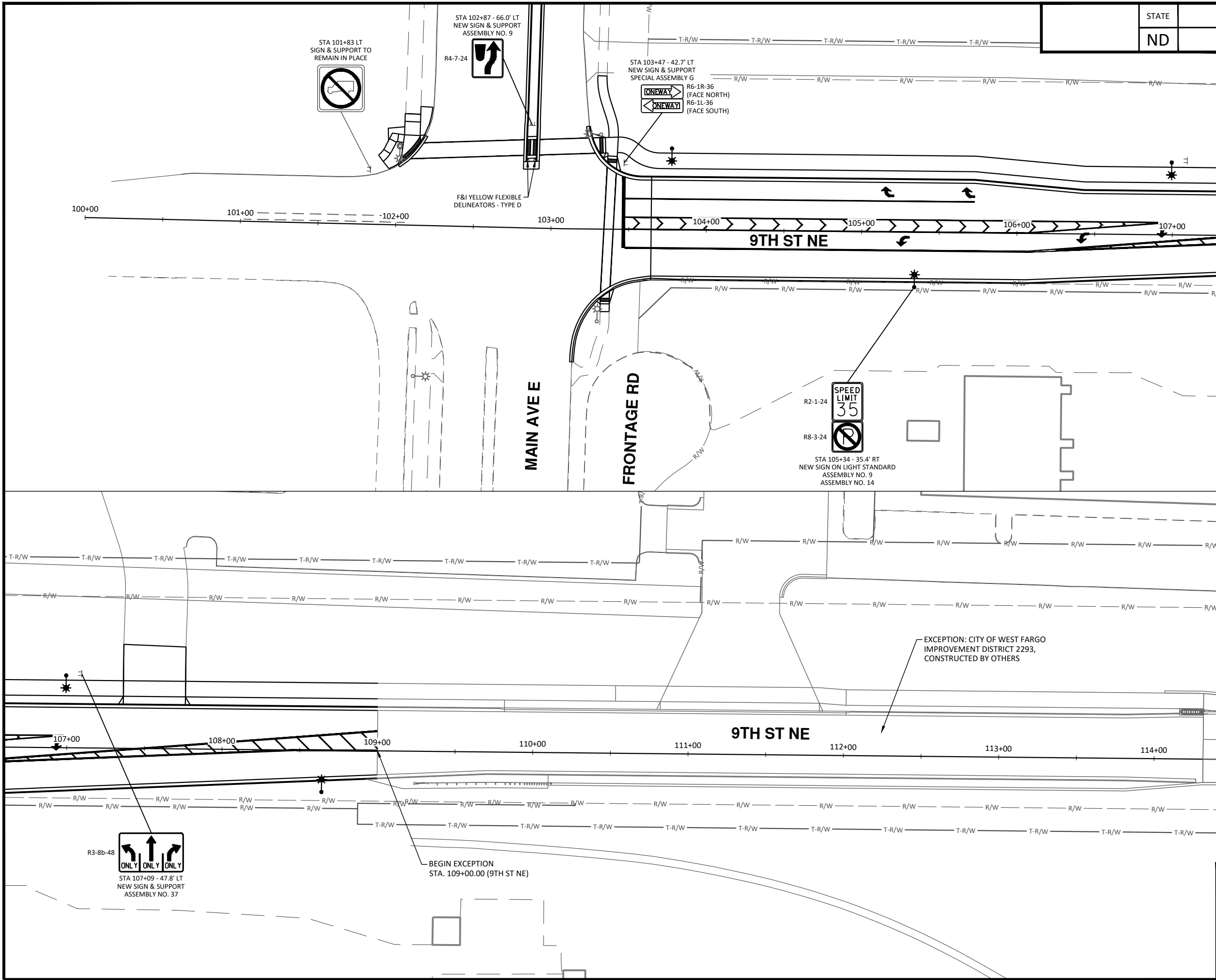
ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



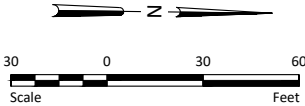
Existing Signing - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBN\8600\8654\8654_0004 9th St NE Signing - Proposed.dwg Signing (1)-11/11/2025 3:33 PM (s-track)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	110	14



SPEC CODE	BID ITEM	QTY	UNIT
754 193	FLEXIBLE DELINEATORS - TYPE D MAIN AVE MEDIAN	2	EA



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

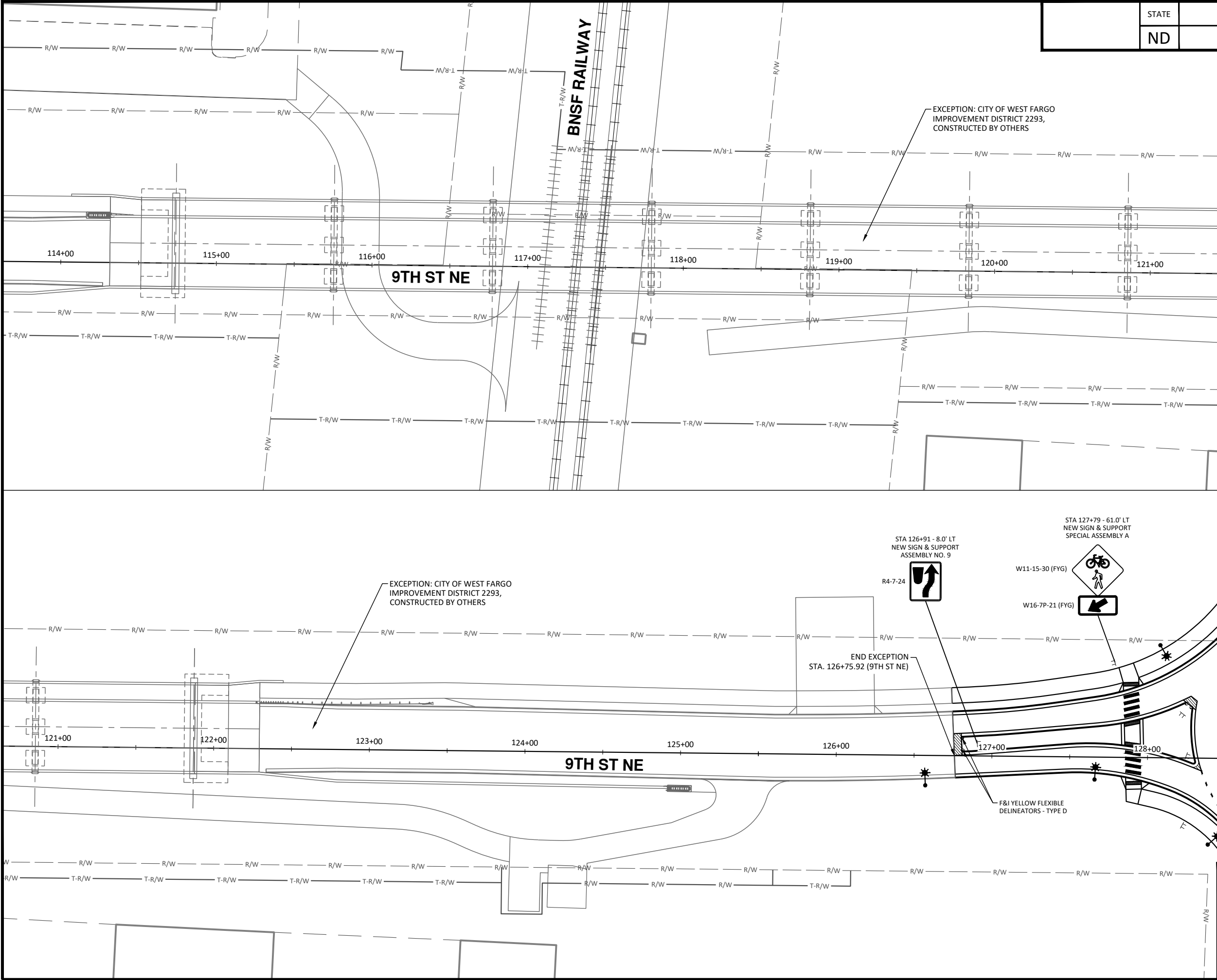


11/11/2025

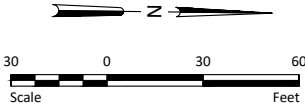
Proposed Signing - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBW\3600\8654\8654_0004 9th St NE Signing - Proposed.dwg-Signing (2)-11/11/2025 3:33 PM-(strack)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	110	15



SPEC CODE	BID ITEM	QTY	UNIT
754 193	FLEXIBLE DELINEATORS - TYPE D SPLITTER ISLAND - SOUTH	2	EA



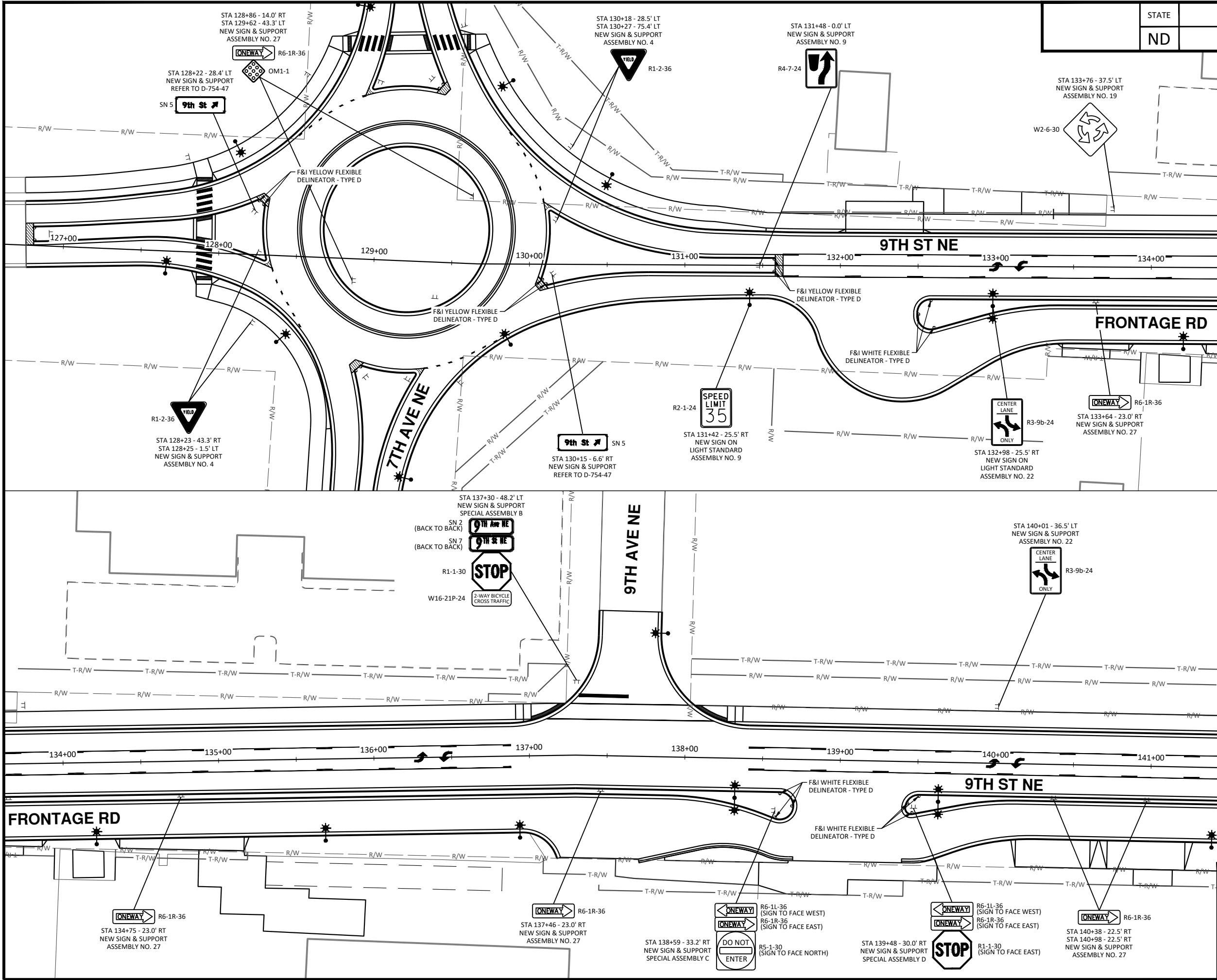
ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



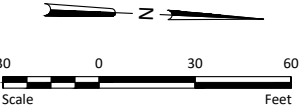
Proposed Signing - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBN\8600\8654\8654_0004 9th St NE Signing - Proposed.dwg Signing (3)-11/11/2025 3:34 PM (s-track)



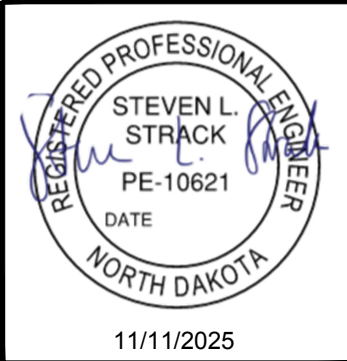
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	110	16



SPEC CODE	BID ITEM	QTY	UNIT
754 193	FLEXIBLE DELINEATORS - TYPE D		
	SPLITTER ISLAND - SOUTH	2	EA
	SPLITTER ISLAND - NORTH	4	EA
	FRONTAGE ROAD MEDIAN	9	EA
754 801	OBJECT MARKER - TYPE I		
	CENTER ISLAND	2	EA



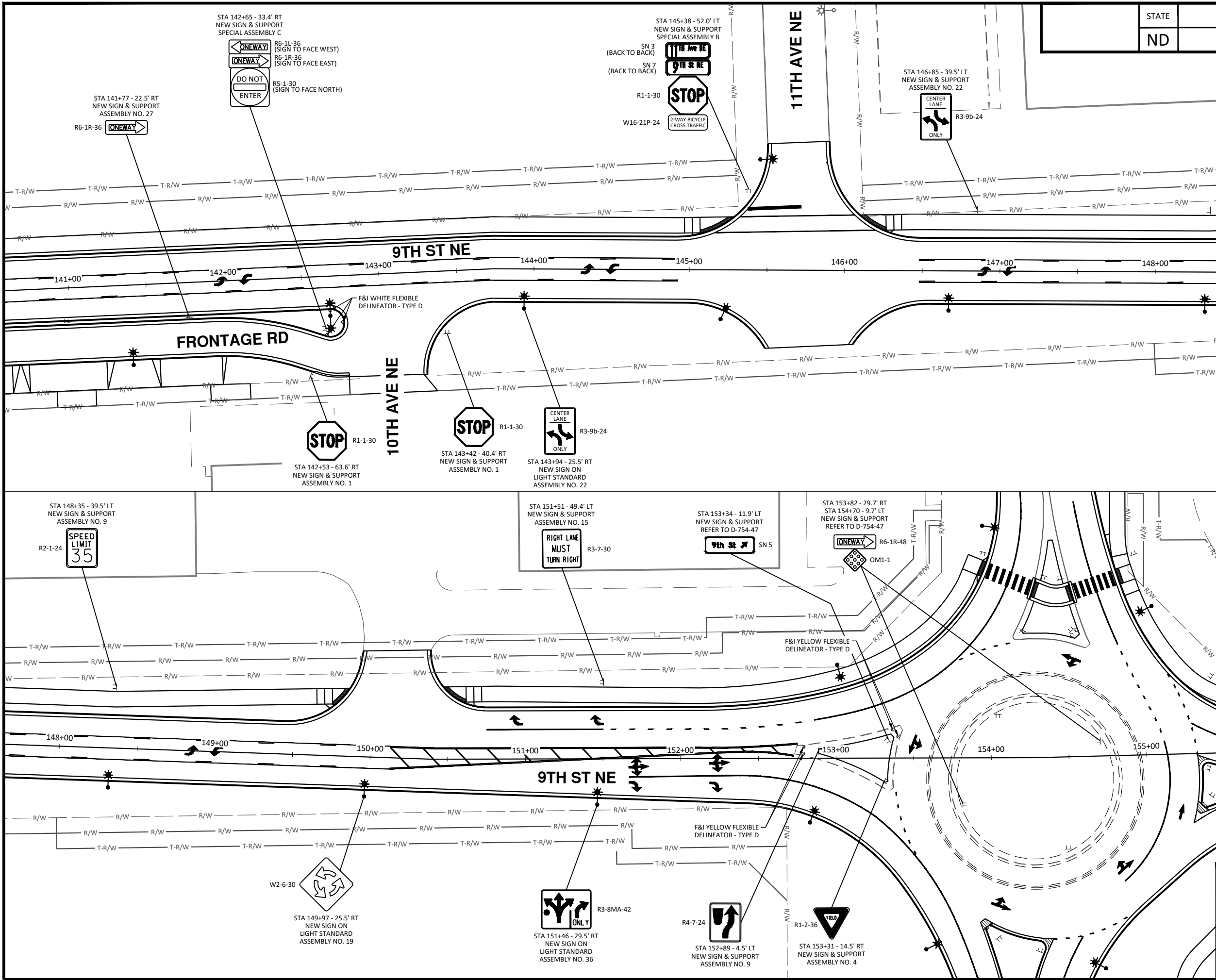
ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



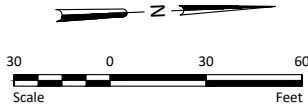
Proposed Signing - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBN\3600\8654\8654_0004 9th St\PROJECT\Plans\110 - 9th St NE Signing - Proposed.dwg Signing (4)-11/11/2025 3:34 PM - (s-track)



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	110	17



SPEC CODE	BID ITEM	QTY	UNIT
754 193	FLEXIBLE DELINEATORS - TYPE D FRONTAGE ROAD MEDIAN SPLITTER ISLAND - SOUTH	3	EA
754 801	OBJECT MARKER - TYPE I CENTER ISLAND	2	EA



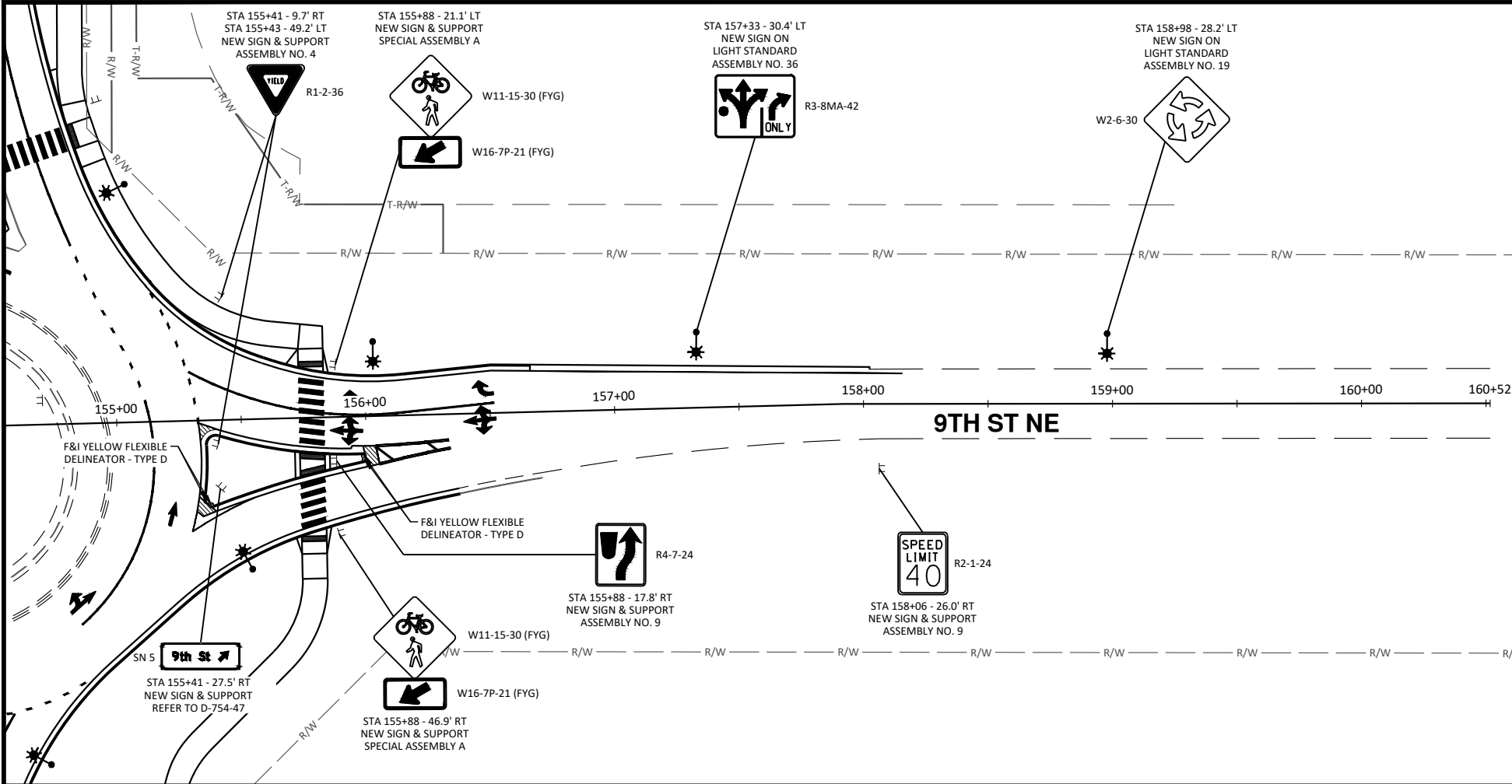
ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



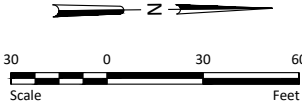
Proposed Signing - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBN\3600\8654_0004 9th St NE Signing - Proposed.dwg:Signing (5)-11/11/2025 3:34 PM-(strack)



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	110	18



SPEC	CODE	BID ITEM	QTY	UNIT
754	193	FLEXIBLE DELINEATORS - TYPE D SPLITTER ISLAND - NORTH	4	EA



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

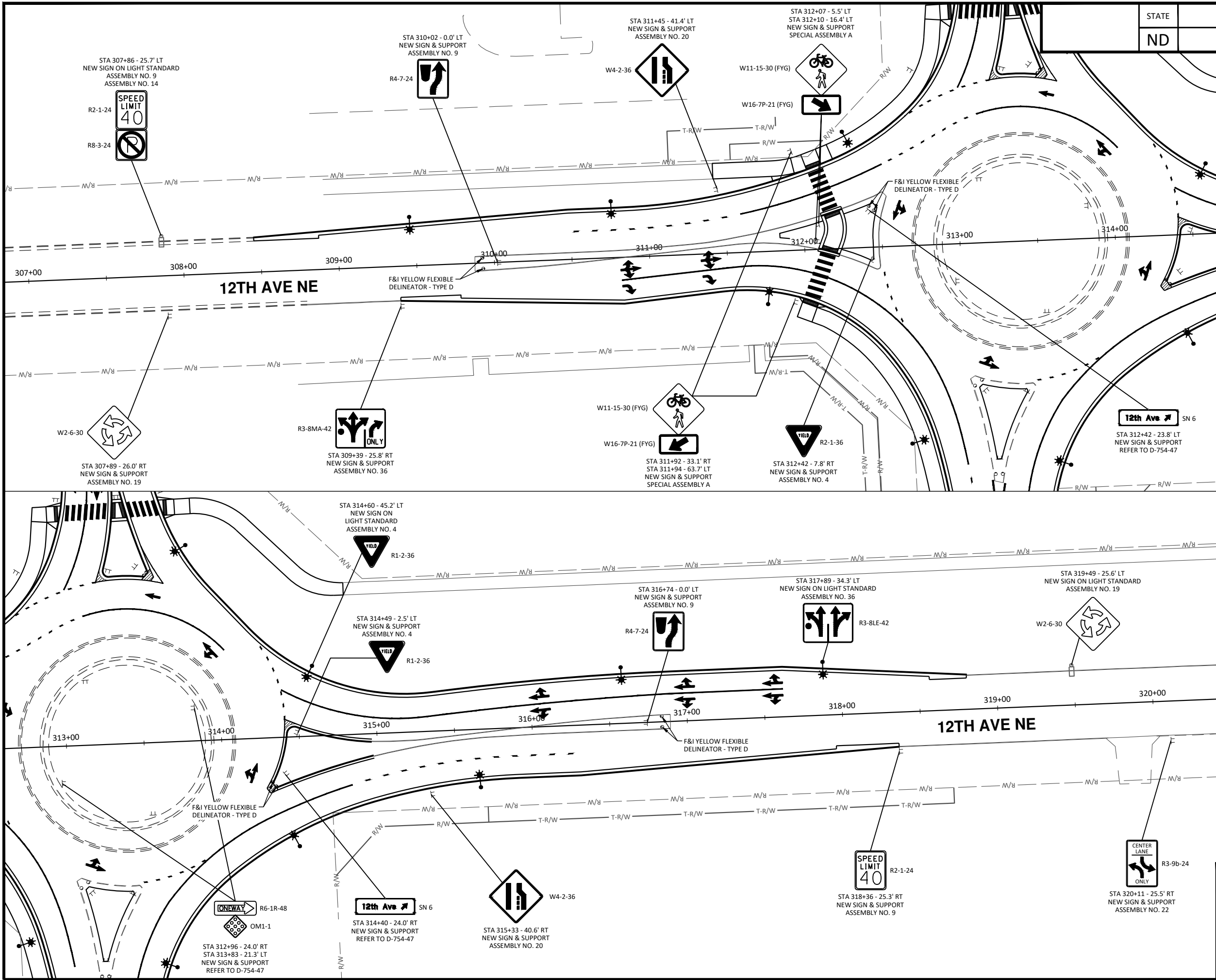


11/11/2025

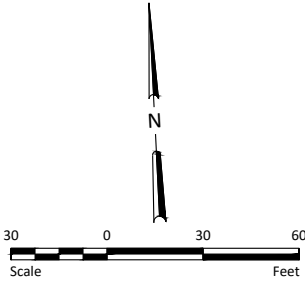
Proposed Signing - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	110	19



SPEC CODE	BID ITEM	QTY	UNIT
754 193	FLEXIBLE DELINEATORS - TYPE D		
	SPLITTER ISLAND - WEST	4	EA
	SPLITTER ISLAND - EAST	4	EA
754 801	OBJECT MARKER - TYPE I		
	CENTER ISLAND	2	EA



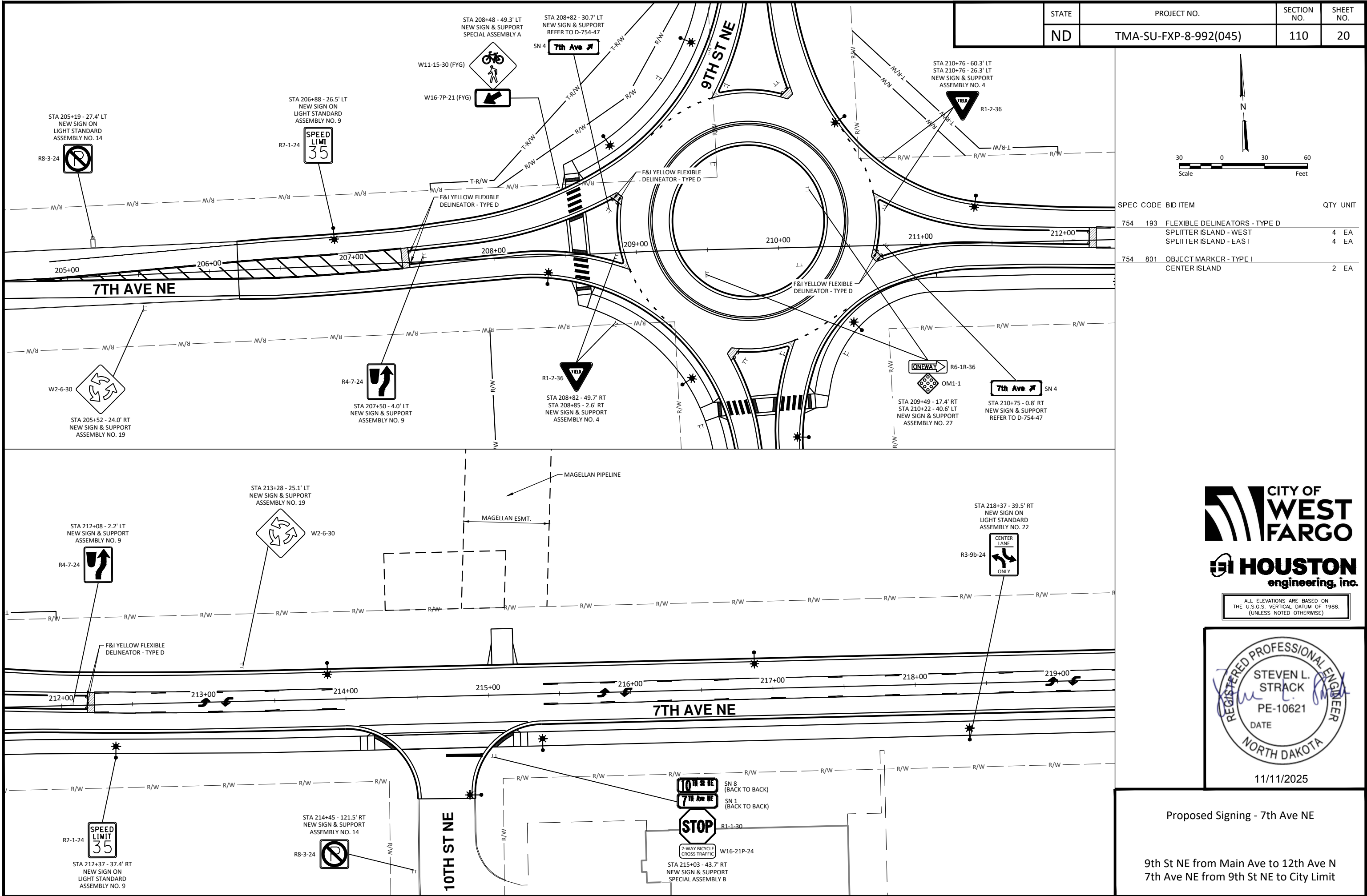
ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



Proposed Signing - 12th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBN\8600\8654\8654_0004 9th St CAD\0_City Project\Planned.dwg-Signing (1)-11/11/2025 3:36 PM - (sstrack)



SPEC CODE		BID ITEM	QTY	UNIT
754	193	FLEXIBLE DELINEATORS - TYPE D		
		SPLITTER ISLAND - WEST	4	EA
		SPLITTER ISLAND - EAST	4	EA
754	801	OBJECT MARKER - TYPE I		
		CENTER ISLAND	2	EA



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

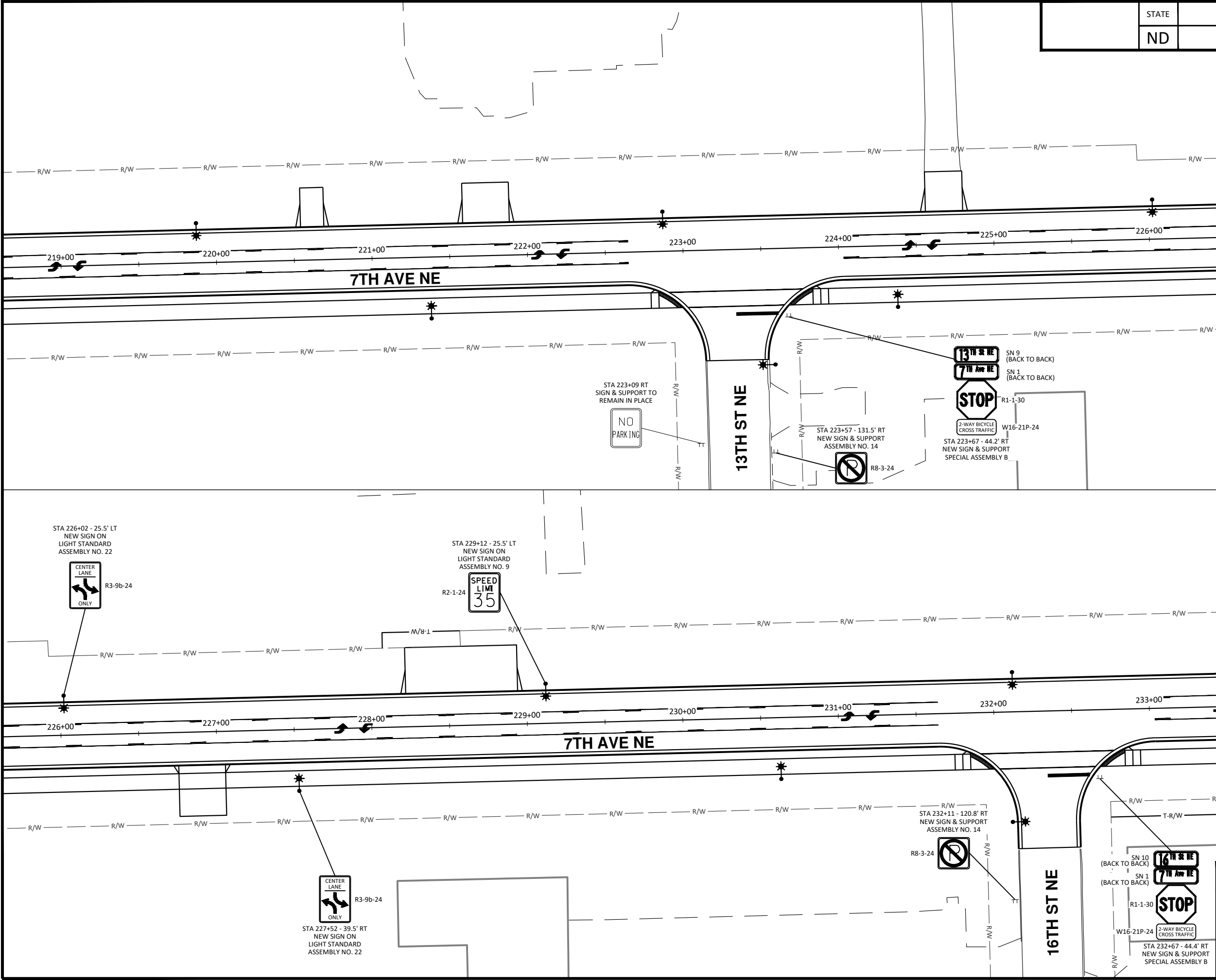


11/11/2025

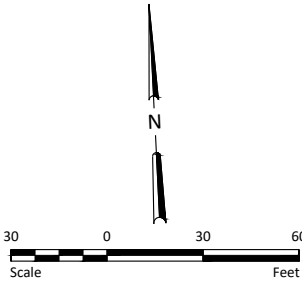
Proposed Signing - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	110	21



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

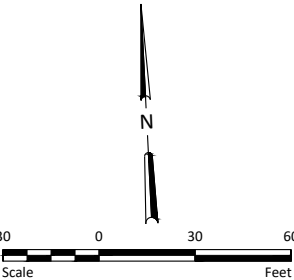
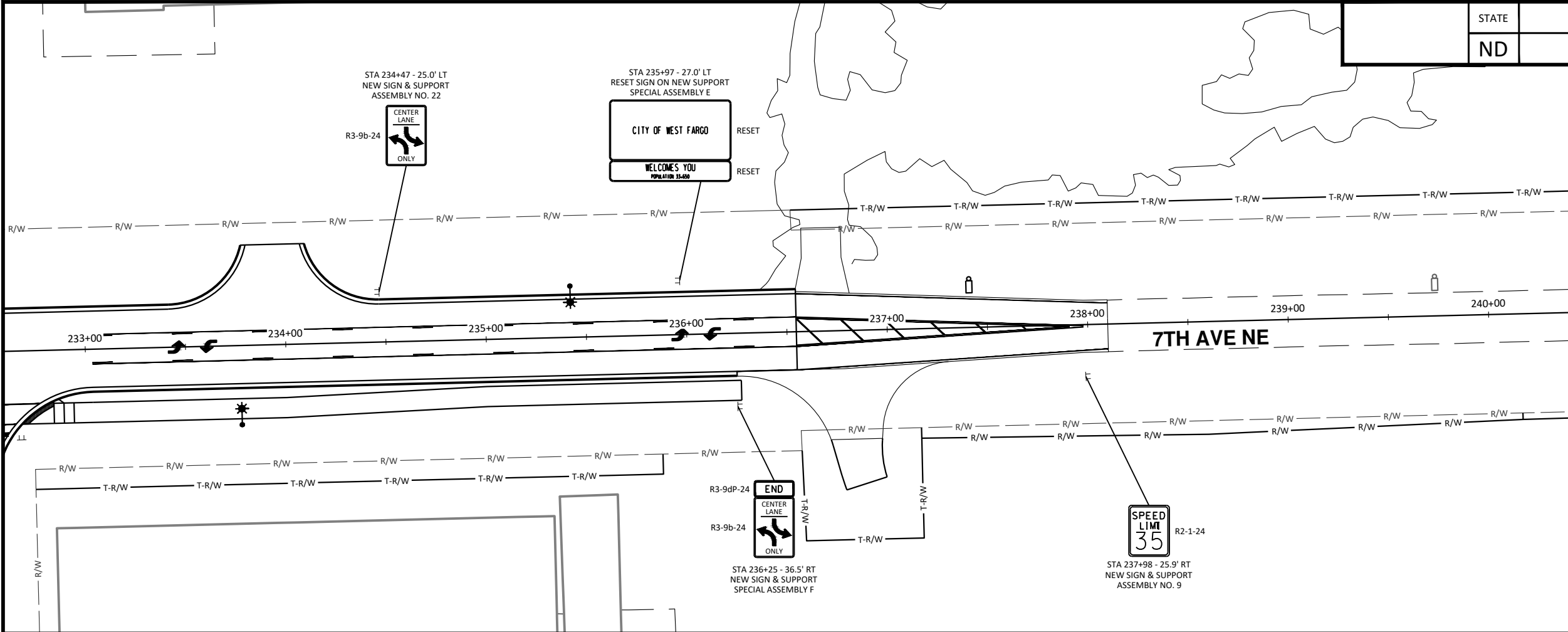


11/11/2025

Proposed Signing - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBW\3600\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\110 - 7th Ave NE Signing_Proposed.dwg-Signing (3)-11/11/2025 3:36 PM (sstrack)



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



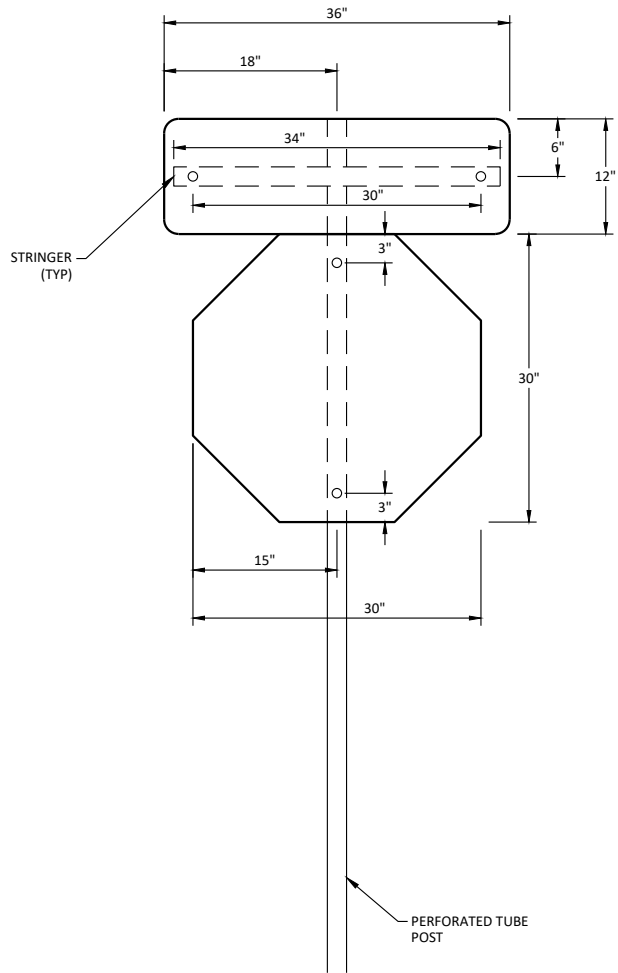
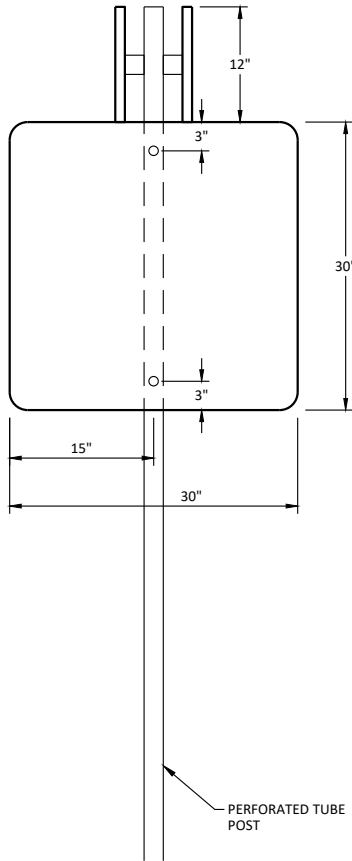
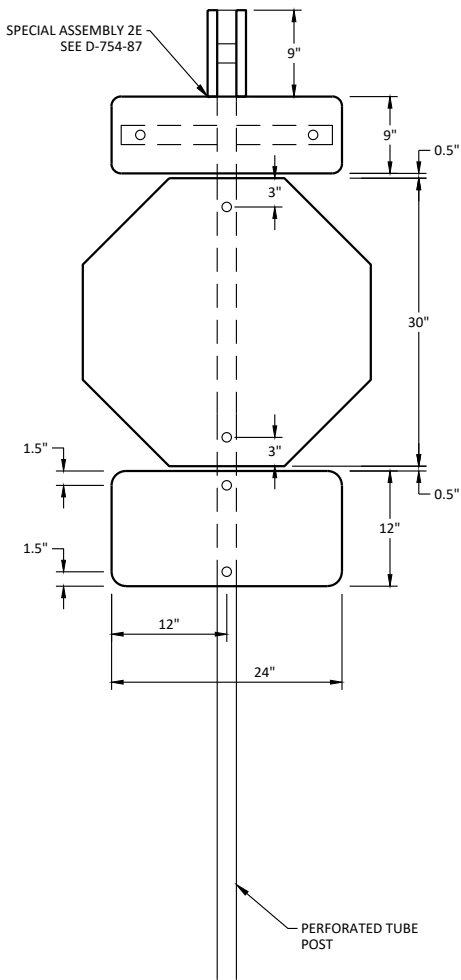
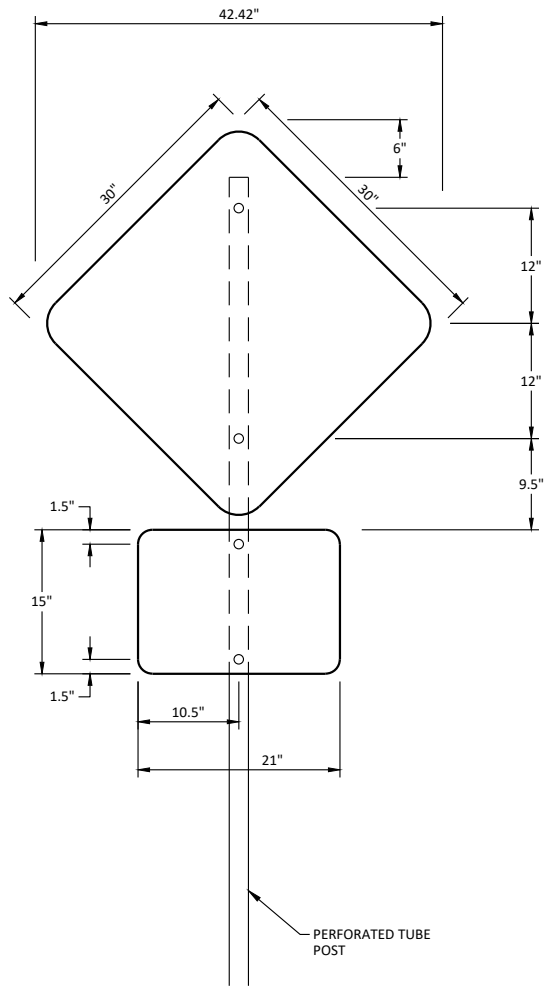
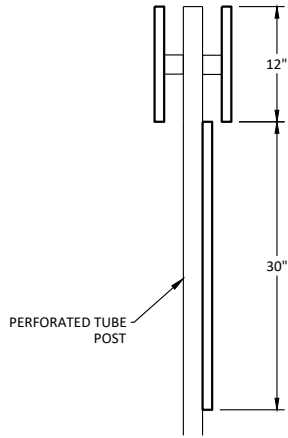
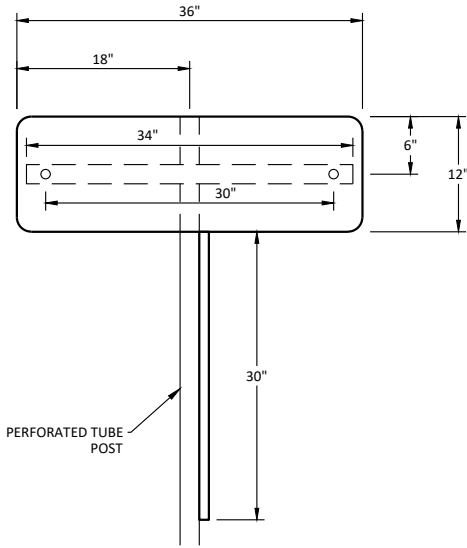
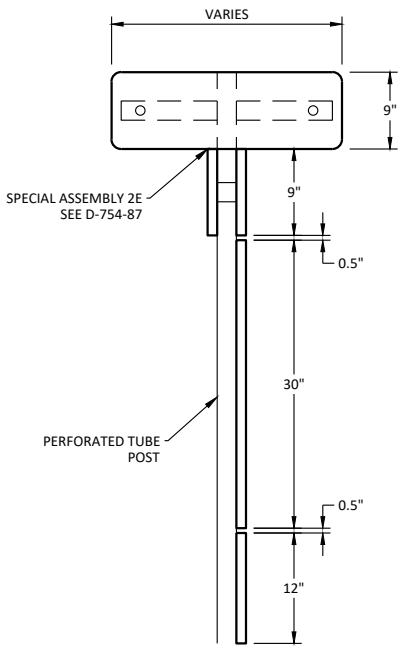
11/11/2025

Proposed Signing - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBA\3600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\110 - Signing Special Sign Assemblies.dwg Special Assemblies (1-11/11/2025 3:37 PM: (sstrack))

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	110	23

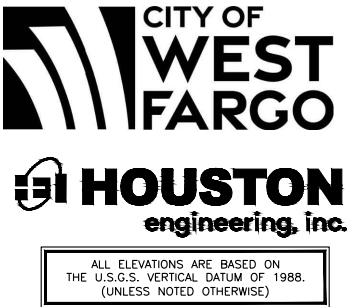


SPECIAL ASSEMBLY A

SPECIAL ASSEMBLY B

SPECIAL ASSEMBLY C

SPECIAL ASSEMBLY D

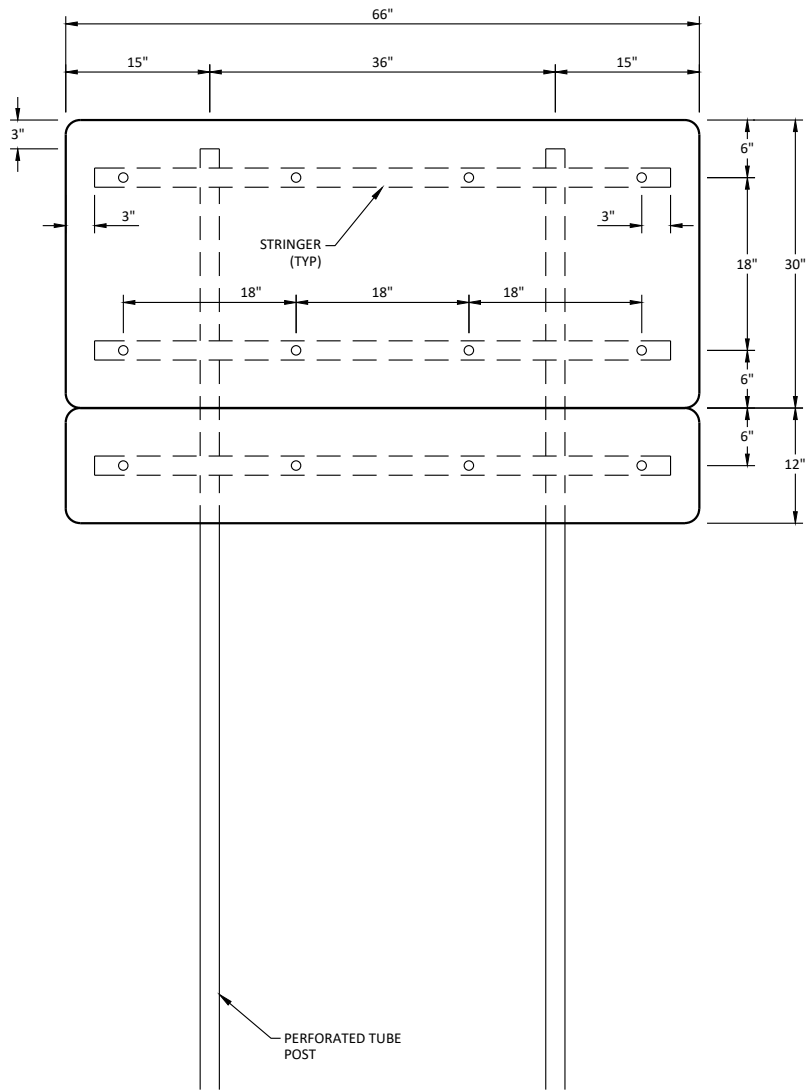


Special Sign Assemblies

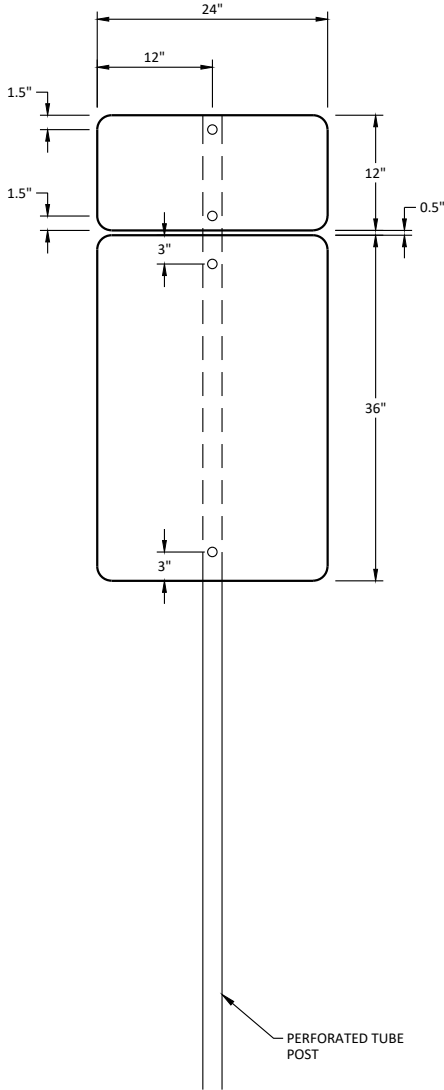
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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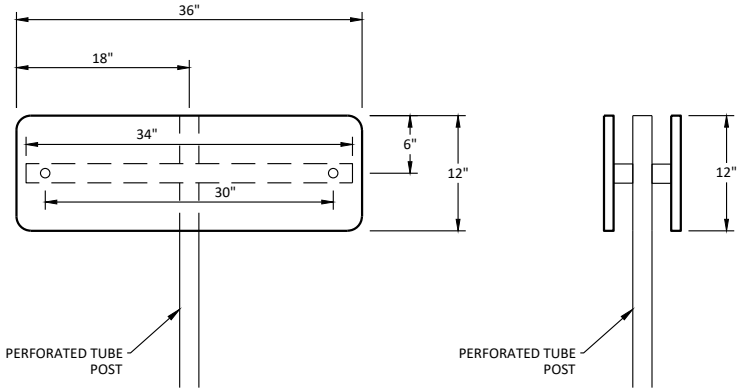
	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	110	24



SPECIAL ASSEMBLY E



SPECIAL ASSEMBLY F



SPECIAL ASSEMBLY G



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11/11/2025

Special Sign Assemblies

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	110	25

SIGN DETAIL
1:15



Panel Style: WF Street Name
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE
7	T	H	A	v	e	N	E							B 2000
3.05	6.63	8.19	11.48	13.25	14.75	17.86	19.81						17.9	6,3,3/2.25

SIGN NUMBER	SN 1
WIDTH x HGHT.	2'-0" x 0'-9"
BORDER WIDTH	0.5" (0.5" Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Xi Reflective COLOR: Green
LEGEND/BORDER	TYPE: Xi Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT

SIGN DETAIL
1:15



Panel Style: WF Street Name
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE
9	T	H	A	v	e	N	E							B 2000
3.05	6.63	8.19	11.48	13.25	14.75	17.86	19.81						17.9	6,3,3/2.25

SIGN NUMBER	SN 2
WIDTH x HGHT.	2'-0" x 0'-9"
BORDER WIDTH	0.5" (0.5" Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Xi Reflective COLOR: Green
LEGEND/BORDER	TYPE: Xi Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT

SIGN DETAIL
1:15



Panel Style: WF Street Name
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE
1	1	T	H	A	v	e	N	E						B 2000
2.6	4.82	7.08	8.64	11.93	13.7	15.2	18.31	20.26					18.8	6,3,3/2.25

SIGN NUMBER	SN 3
WIDTH x HGHT.	2'-0" x 0'-9"
BORDER WIDTH	0.5" (0.5" Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: Xi Reflective COLOR: Green
LEGEND/BORDER	TYPE: Xi Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

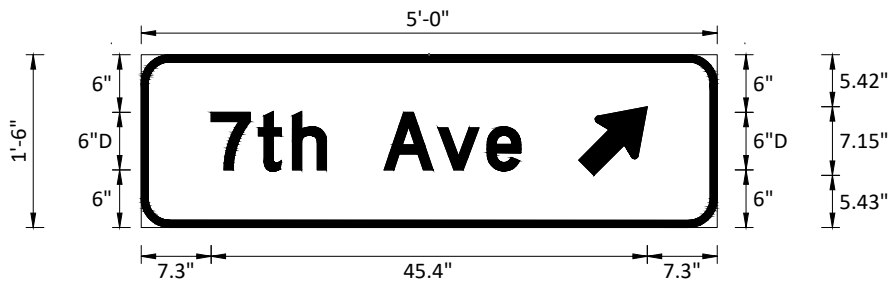


11/11/2025

Sign Details

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

SIGN DETAIL
1:15



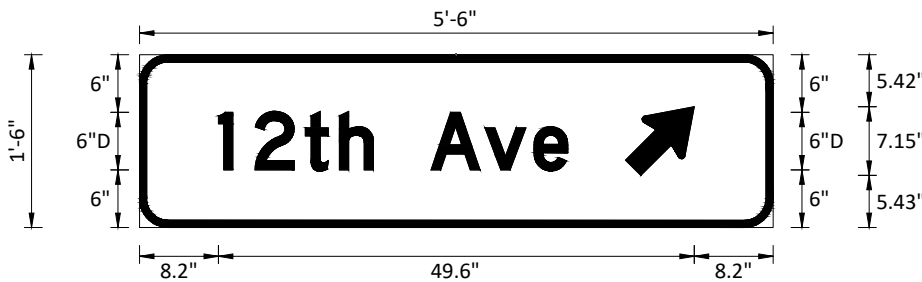
SIGN NUMBER	SN 4
WIDTH x HGHT.	5'-0" x 1'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
ND_6IN_Type D	315	45.56	5.42	6	9

Panel Style: ND_Conv_Destination
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
7	t	h	A	v	e											D 2000
7.28	12.2	15.76	25.3	30.92	36.02										32.28	6/4.5

SIGN DETAIL
1:15



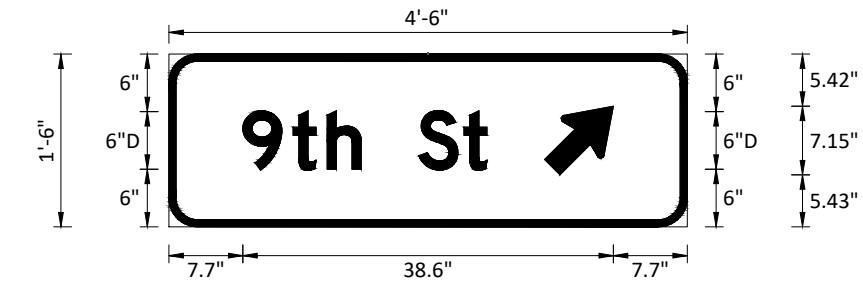
SIGN NUMBER	SN 6
WIDTH x HGHT.	5'-6" x 1'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
ND_6IN_Type D	315	50.63	5.43	6	9

Panel Style: ND_Conv_Destination
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
1	2	t	h	A	v	e										D 2000
8.22	12.03	17.27	20.82	30.36	35.99	41.09									36.41	6/4.5

SIGN DETAIL
1:15



SIGN NUMBER	SN 5
WIDTH x HGHT.	4'-6" x 1'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	3"
MOUNTING	Ground
BACKGROUND	TYPE: IV Reflective COLOR: Green
LEGEND/BORDER	TYPE: IV Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
ND_6IN_Type D	315	39.14	5.43	6	9

Panel Style: ND_Conv_Destination
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE
9	t	h	S	t												D 2000
7.7	12.94	16.49	26.03	30.74											25.44	6/4.5



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11/11/2025

Sign Details

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBA\3600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\110 - Sign Details.dwg:Sign Details (3)-11/11/2025 3:37 PM (sstrack)

STATE

PROJECT NO.

SECTION NO.

SHEET NO.

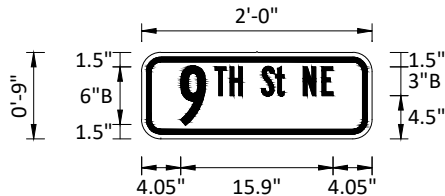
ND

TMA-SU-FXP-8-992(045)

110

27

SIGN DETAIL
1:15



Panel Style: WF Street Name
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	SN 7
WIDTH x HGHT.	2'-0" x 0'-9"
BORDER WIDTH	0.5" (0.5" Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: XI Reflective COLOR: Green
LEGEND/BORDER	TYPE: XI Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE
9	T	H	S	t	N	E							B 2000	
4.07	7.65	9.21	12.5	13.94	16.84	18.79							15.86	6,3,3/2.25

SIGN DETAIL
1:15



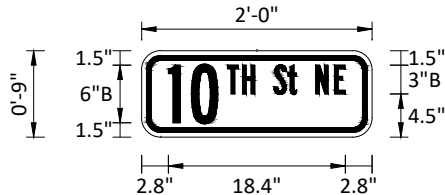
Panel Style: WF Street Name
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	SN 9
WIDTH x HGHT.	2'-0" x 0'-9"
BORDER WIDTH	0.5" (0.5" Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: XI Reflective COLOR: Green
LEGEND/BORDER	TYPE: XI Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE
1	3	T	H	S	t	N	E						B 2000	
3.02	5.12	8.7	10.26	13.55	14.99	17.89	19.84						17.96	6,3,3/2.25

SIGN DETAIL
1:15



Panel Style: WF Street Name
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	SN 8
WIDTH x HGHT.	2'-0" x 0'-9"
BORDER WIDTH	0.5" (0.5" Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: XI Reflective COLOR: Green
LEGEND/BORDER	TYPE: XI Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE
1	O	T	H	S	t	N	E						B 2000	
2.78	5.18	8.94	10.5	13.79	15.23	18.13	20.08						18.44	6,3,3/2.25

SIGN DETAIL
1:15



Panel Style: WF Street Name
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	SN 10
WIDTH x HGHT.	2'-0" x 0'-9"
BORDER WIDTH	0.5" (0.5" Inset)
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: XI Reflective COLOR: Green
LEGEND/BORDER	TYPE: XI Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE
1	6	T	H	S	t	N	E						B 2000	
3.02	5.12	8.7	10.26	13.55	14.99	17.89	19.84						17.96	6,3,3/2.25



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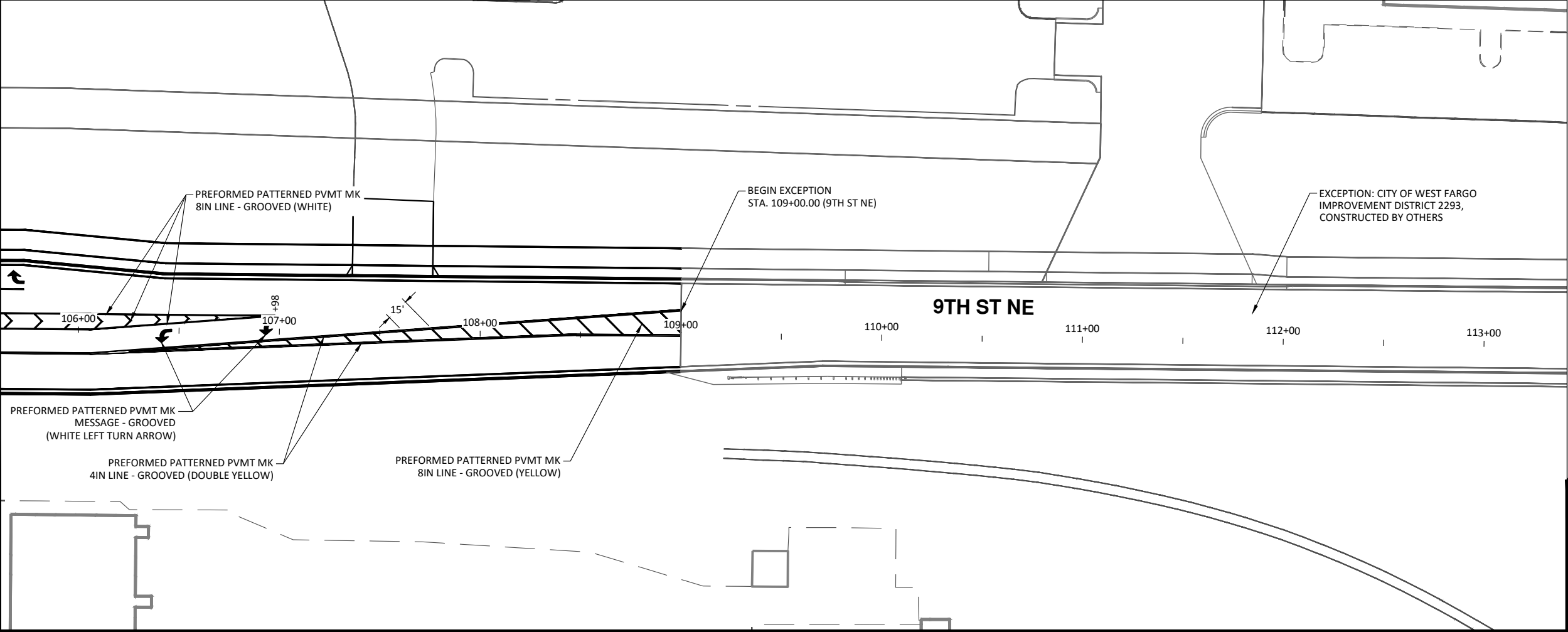
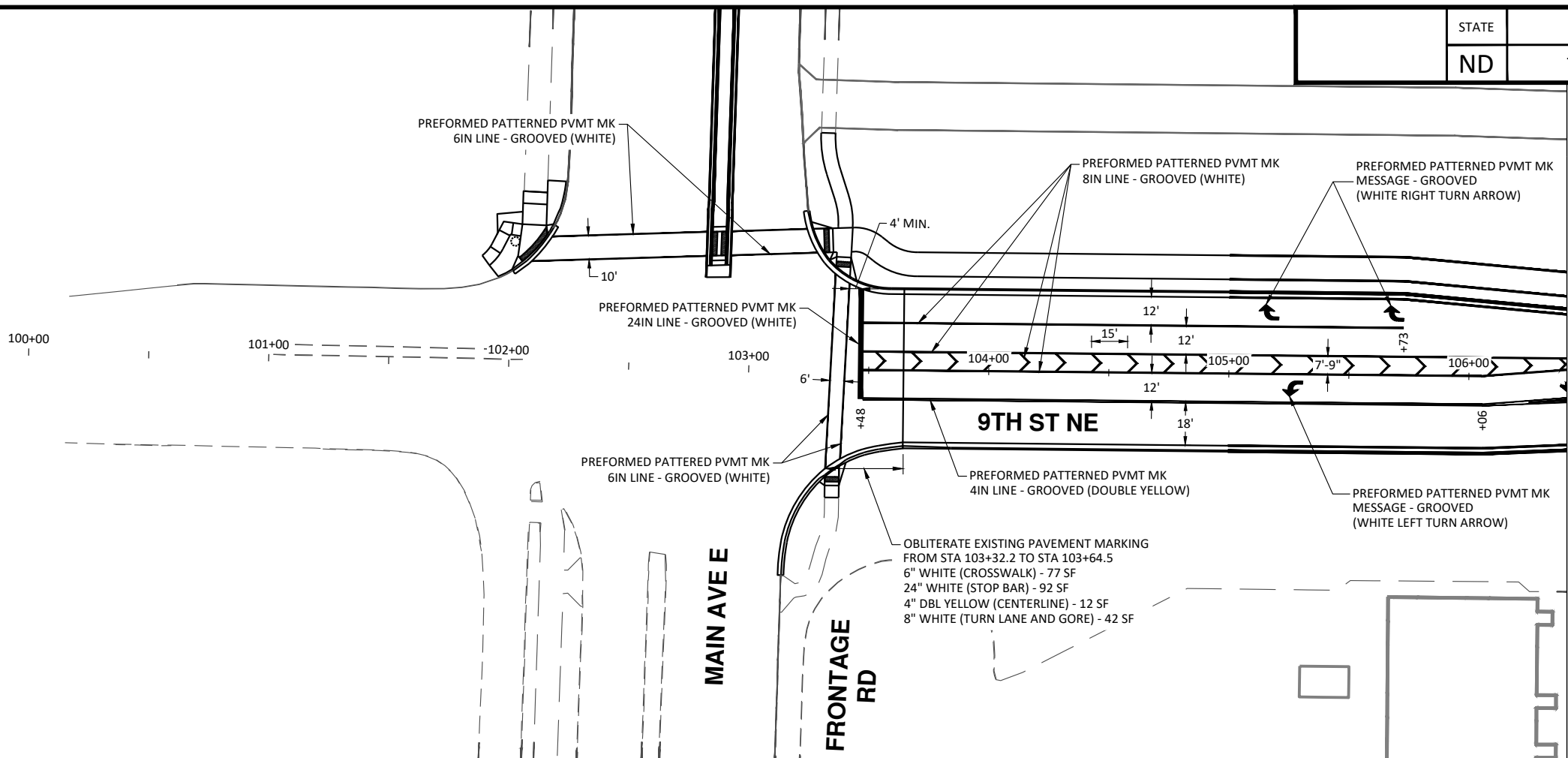
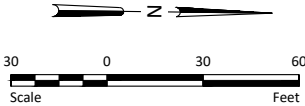
11/11/2025

Sign Details

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	120	1



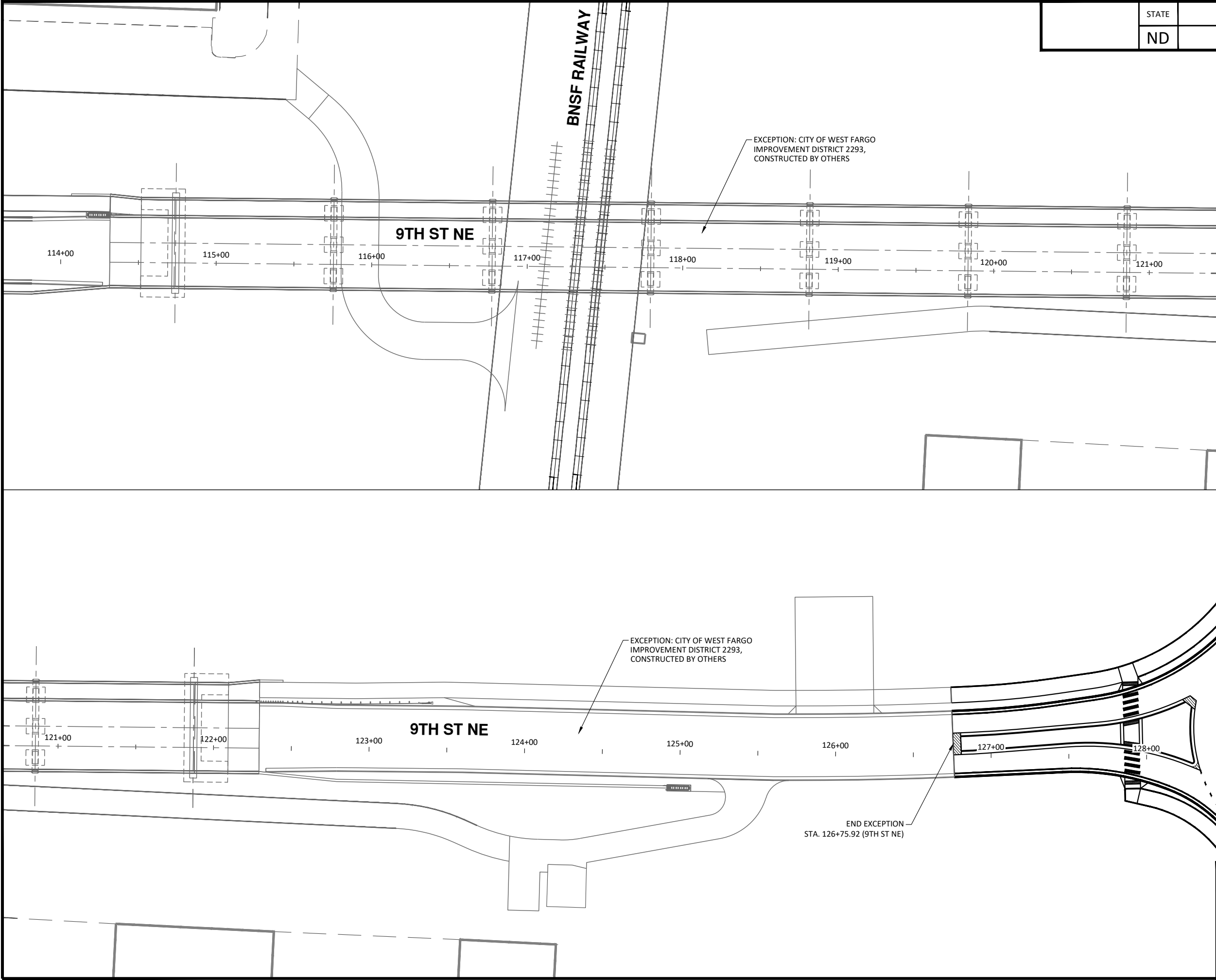
ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



Pavement Markings - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	120	2



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THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

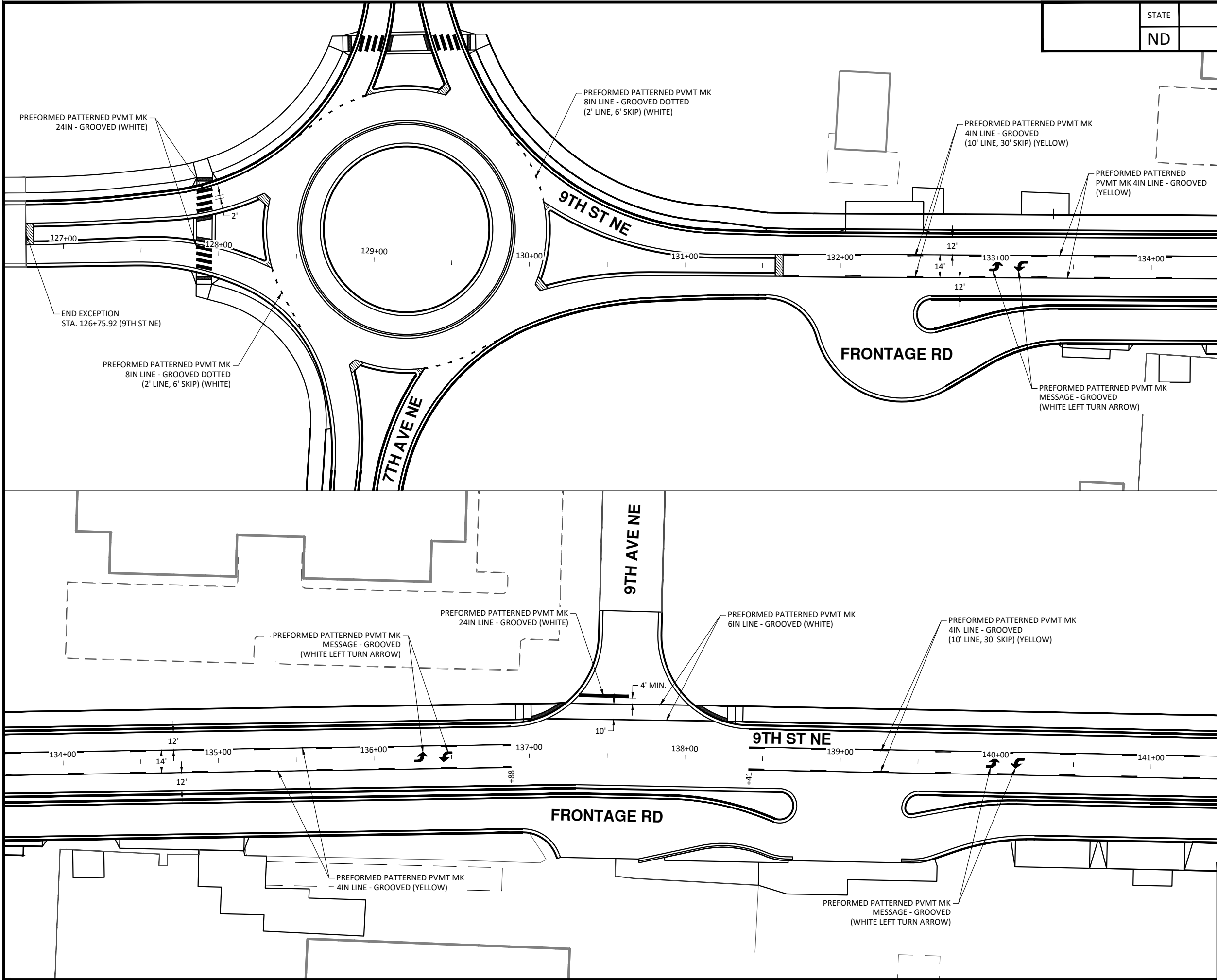


10/22/2025

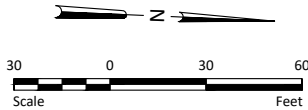
Pavement Markings - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	120	3



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

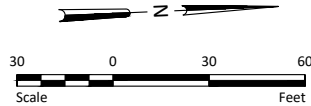
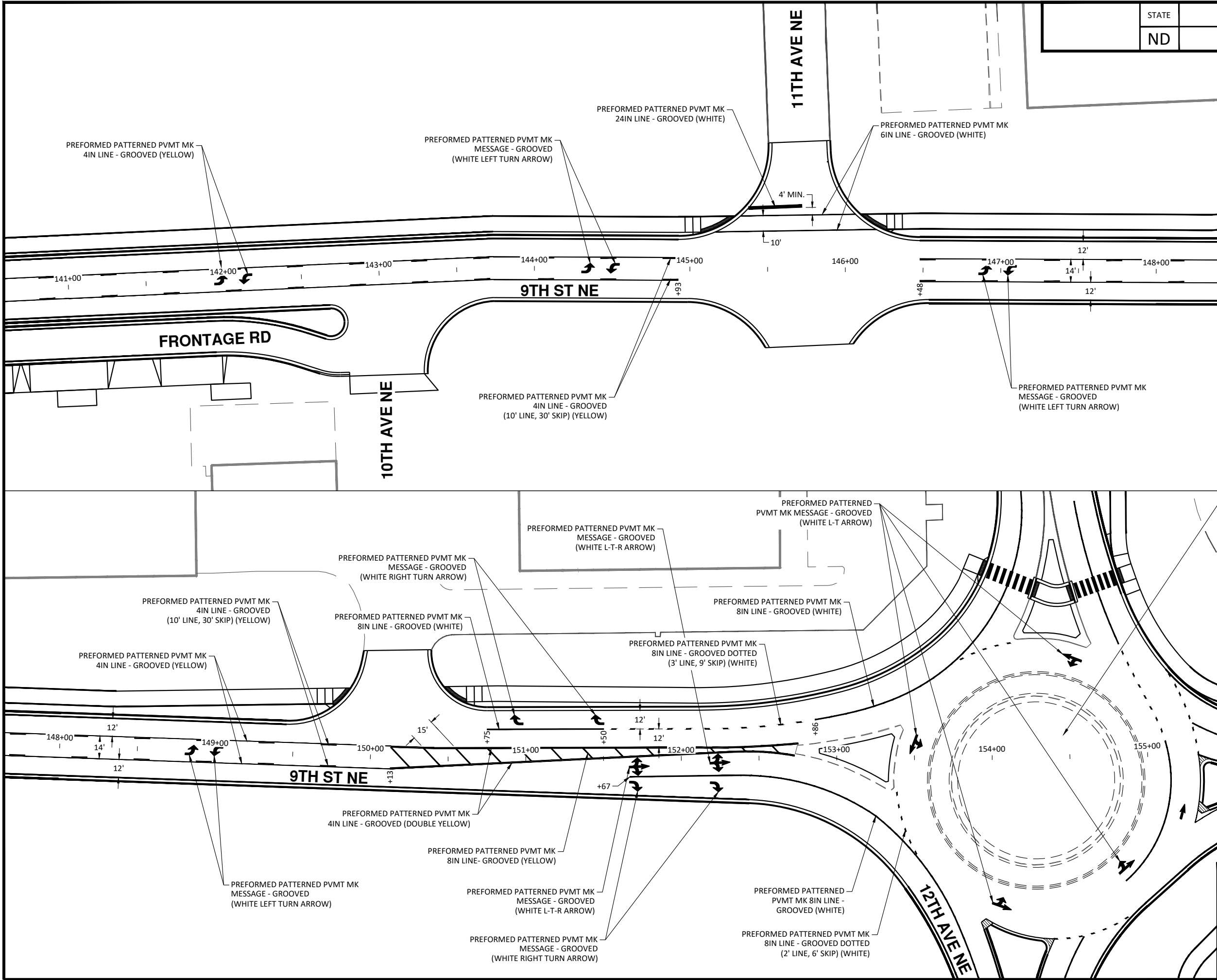


10/22/2025

Pavement Markings - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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OBLITERATE EXISTING PAVEMENT MARKINGS
WITHIN THE ROUNDABOUT
24" WHITE (CROSSWALK) - 80 SF
8" DOTTED WHITE (EXTENSION) - 42 SF



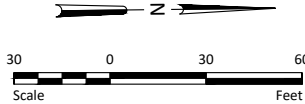
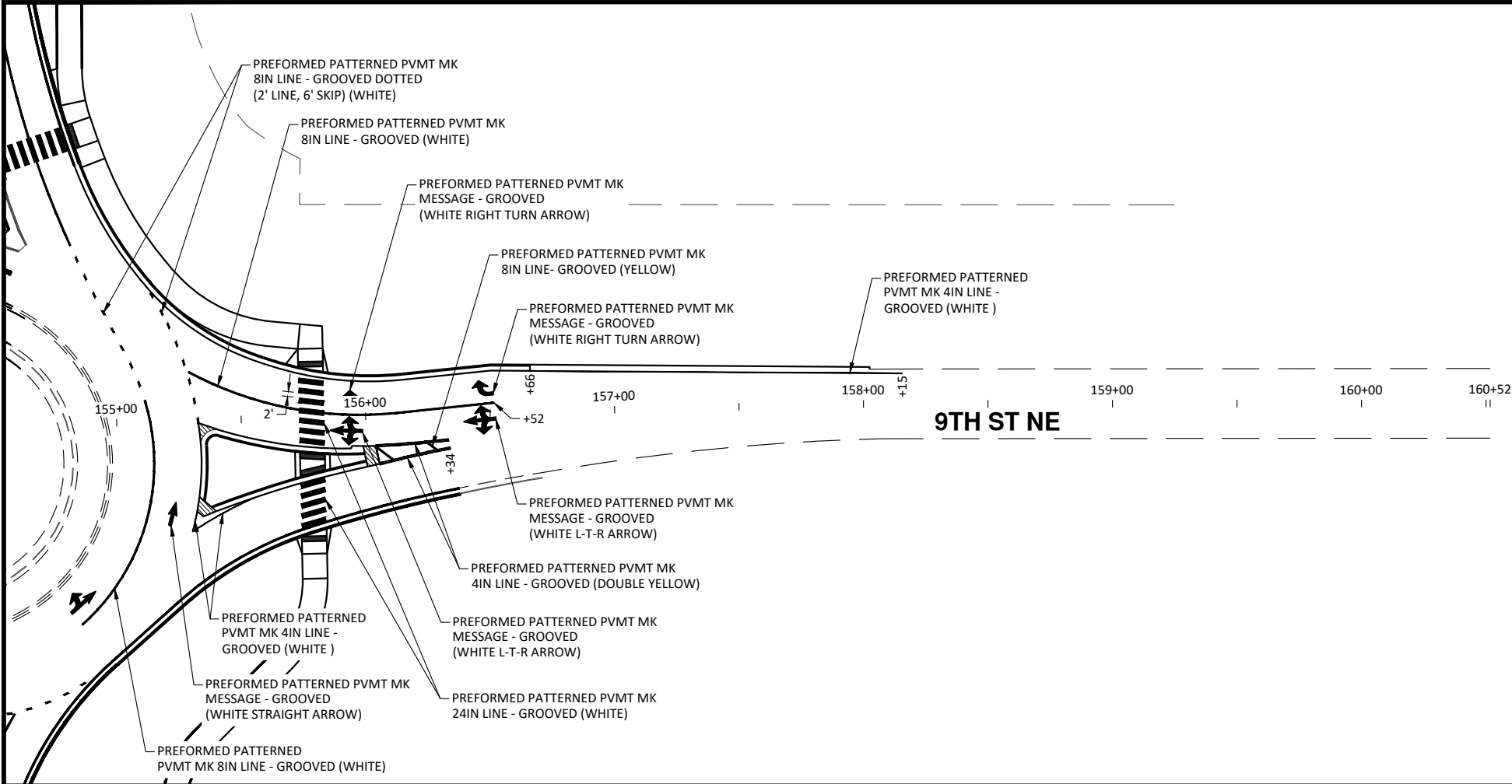
ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



Pavement Markings - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

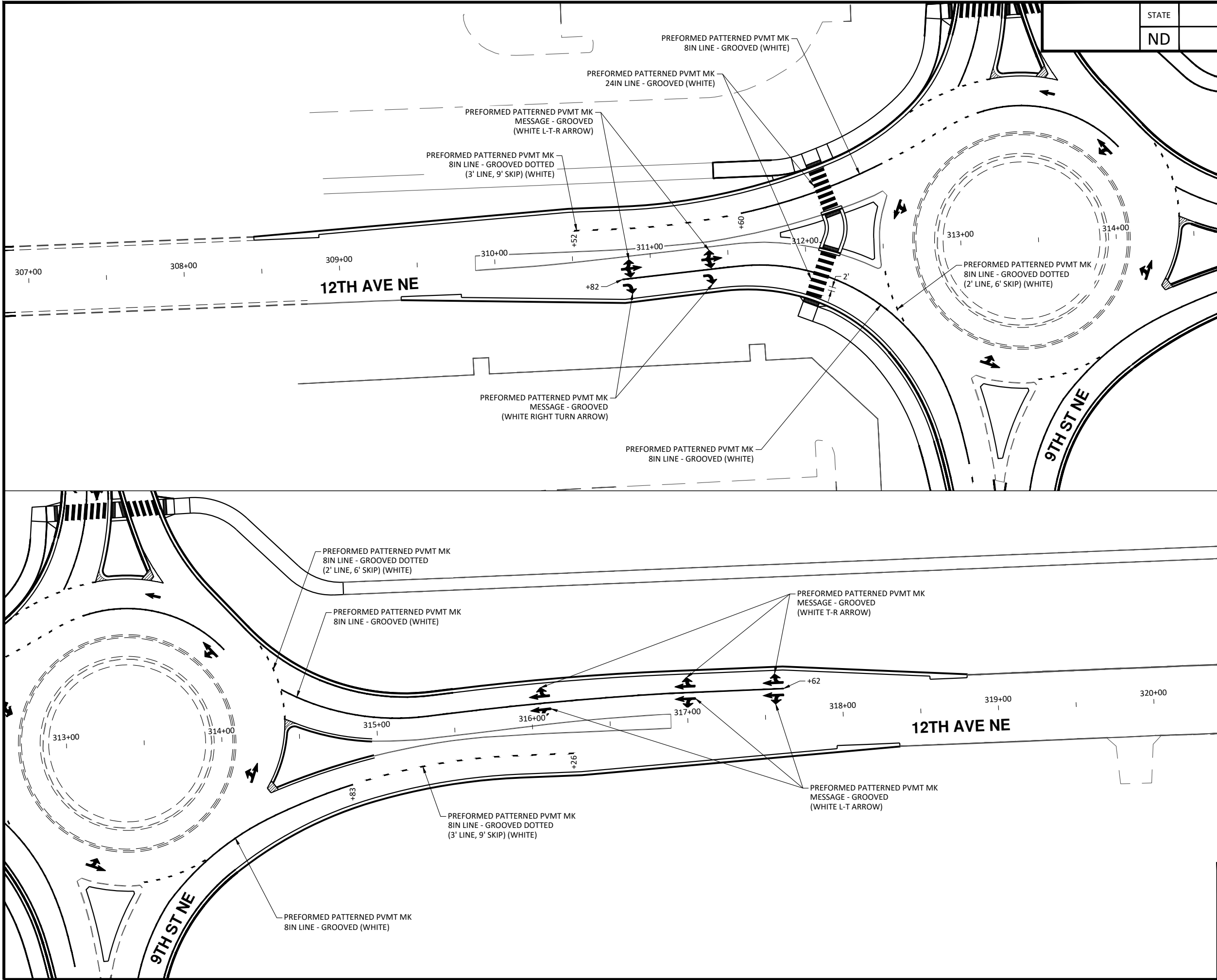


10/22/2025

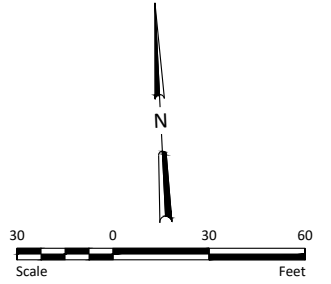
Pavement Markings - 9th St NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	120	6



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(UNLESS NOTED OTHERWISE)

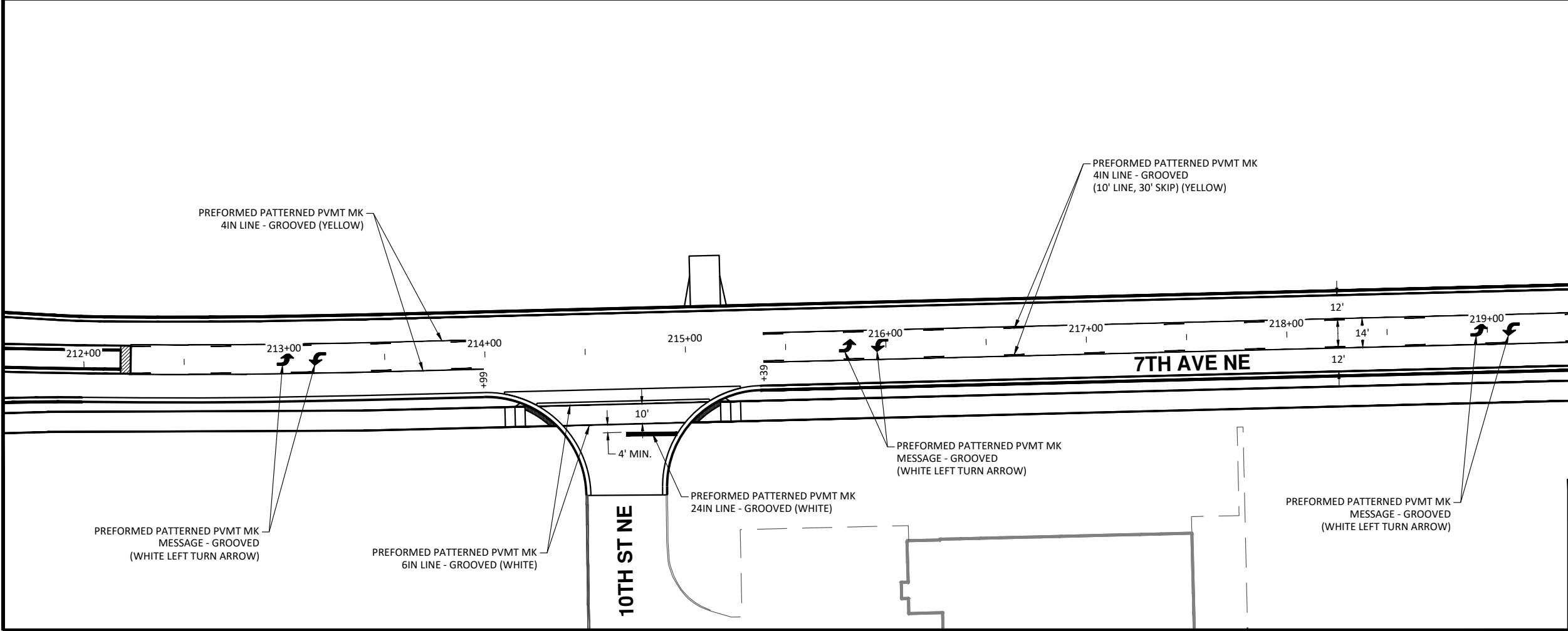
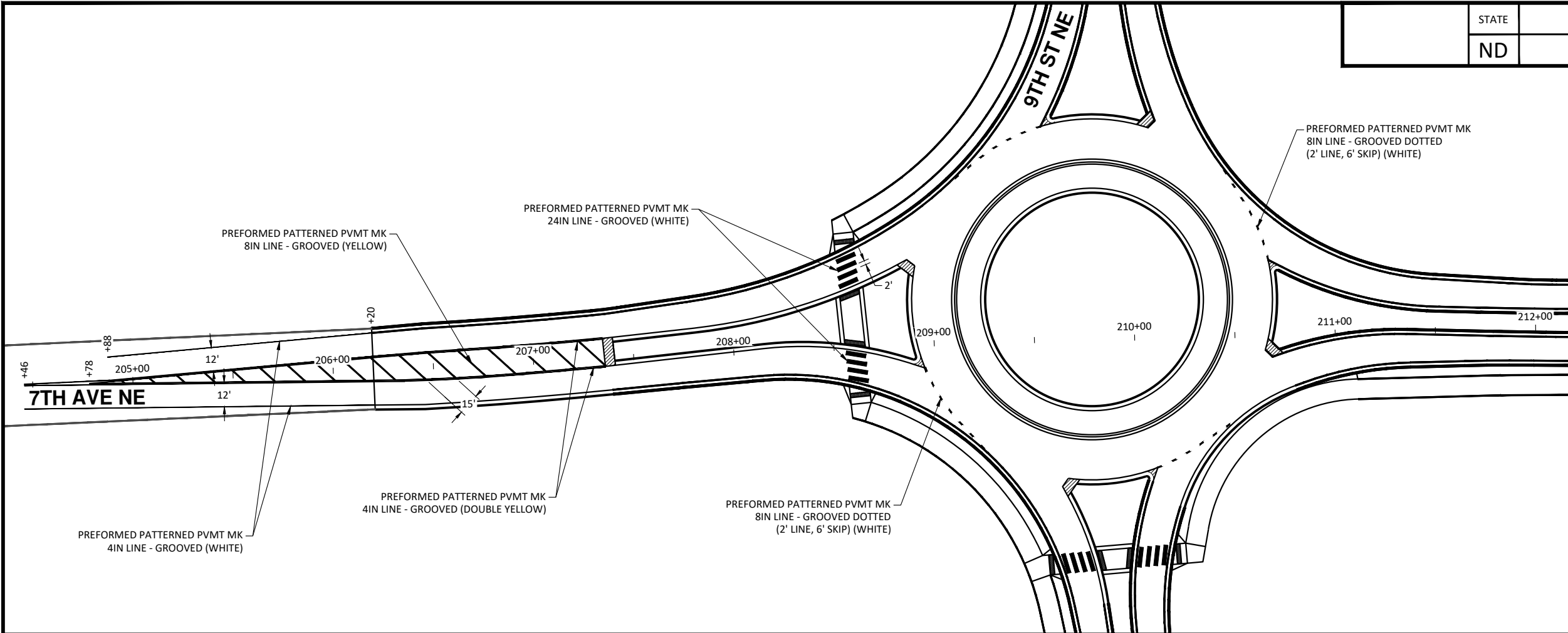


10/22/2025

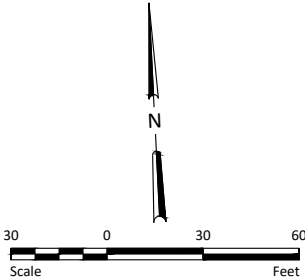
Pavement Markings - 12th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND TMA-SU-FXP-8-992(045)	120	7



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

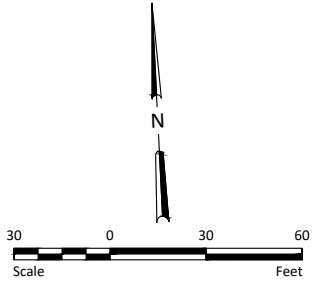
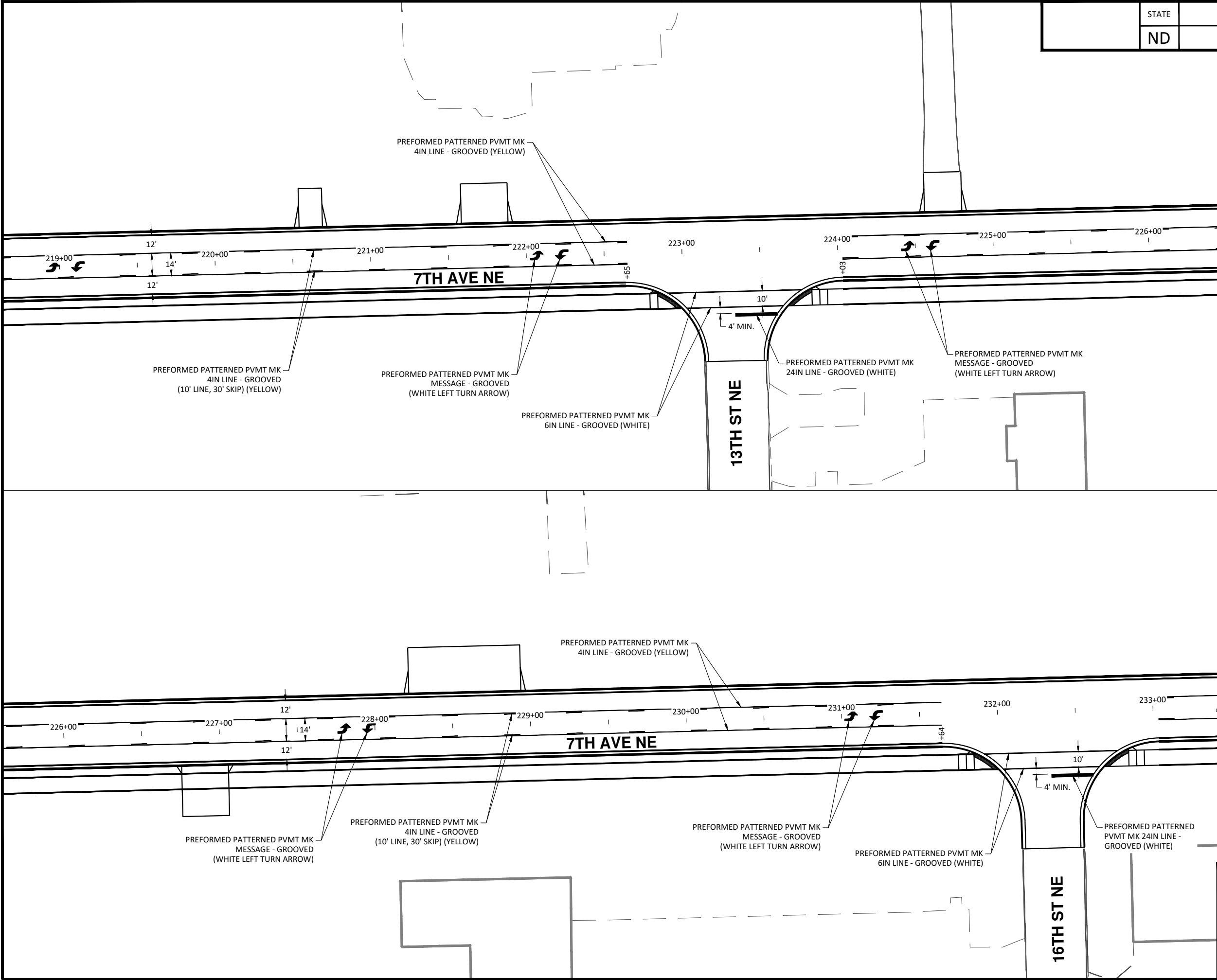


10/22/2025

Pavement Markings - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

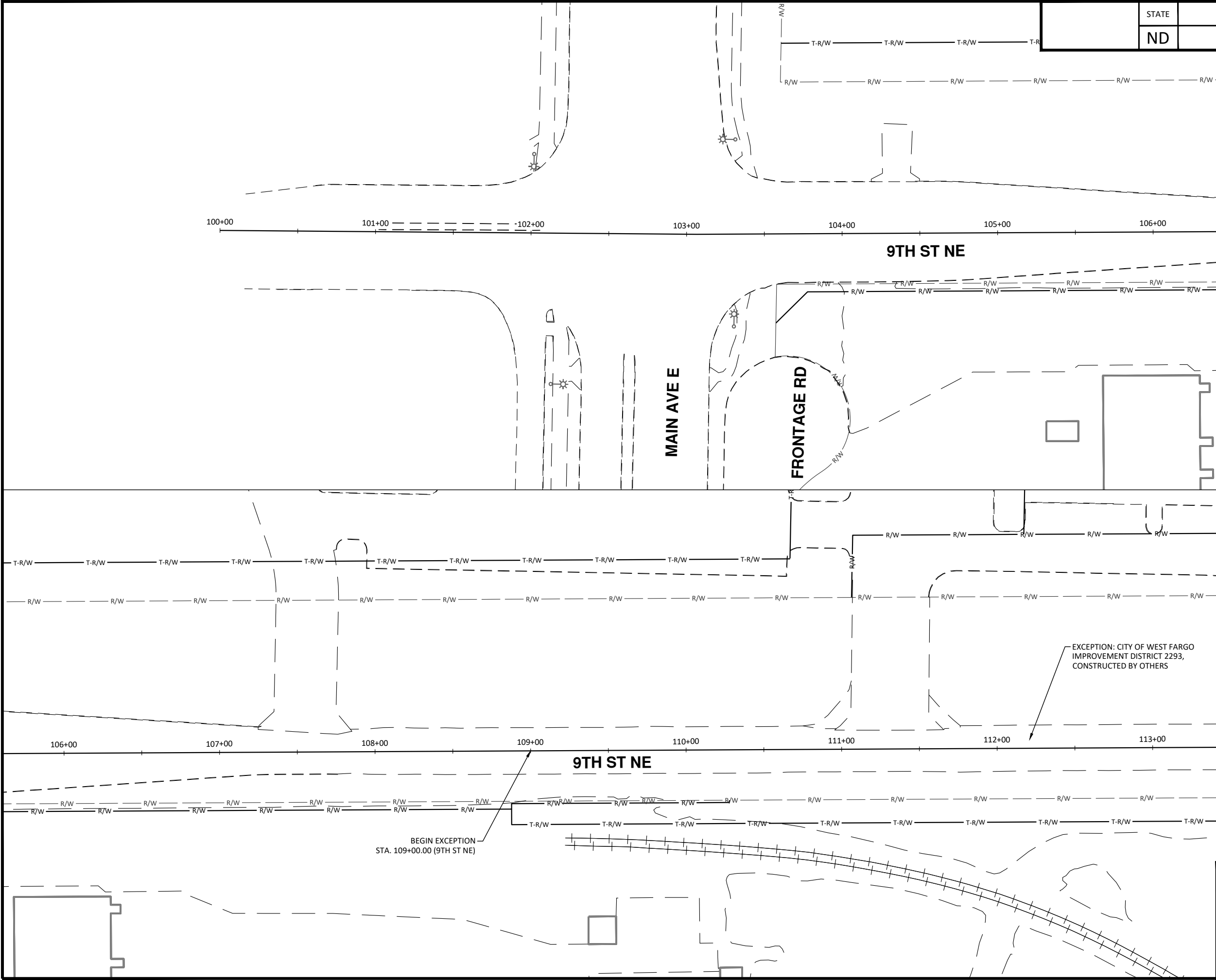


10/22/2025

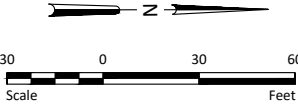
Pavement Markings - 7th Ave NE

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	140	1



LEGEND	
EXISTING RIGHT OF WAY	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
STREET LIGHT TO REMAIN IN PLACE	⊙ ⊞ ⊞
REMOVE STREET LIGHT	⊙ ⊞ ⊞
CONDUIT/CONDUCTOR TO REMAIN IN PLACE	— L —
REMOVE/ABANDON CONDUIT/CONDUCTOR (SEE GENERAL NOTES 3 AND 4)	— L —

- GENERAL NOTES:
- EXISTING LIGHTING SYSTEM(S) BASED ON SURVEY AND AS-BUILT PLANS. VERIFY INFORMATION SHOWN PRIOR TO PERFORMING WORK.
 - EXISTING LIGHTING SYSTEM(S) TO REMAIN IN PLACE UNLESS NOTED OTHERWISE ON THE PLANS.
 - REMOVE EXISTING CONDUIT AND CONDUCTOR WITHIN THE PROPOSED RECONSTRUCTION LIMITS.
 - ABANDON EXISTING CONDUIT AND DIRECT BURIED CONDUCTOR OUTSIDE THE PROPOSED RECONSTRUCTION LIMITS. IF CONDUCTOR IS IN CONDUIT, REMOVE CONDUCTOR.



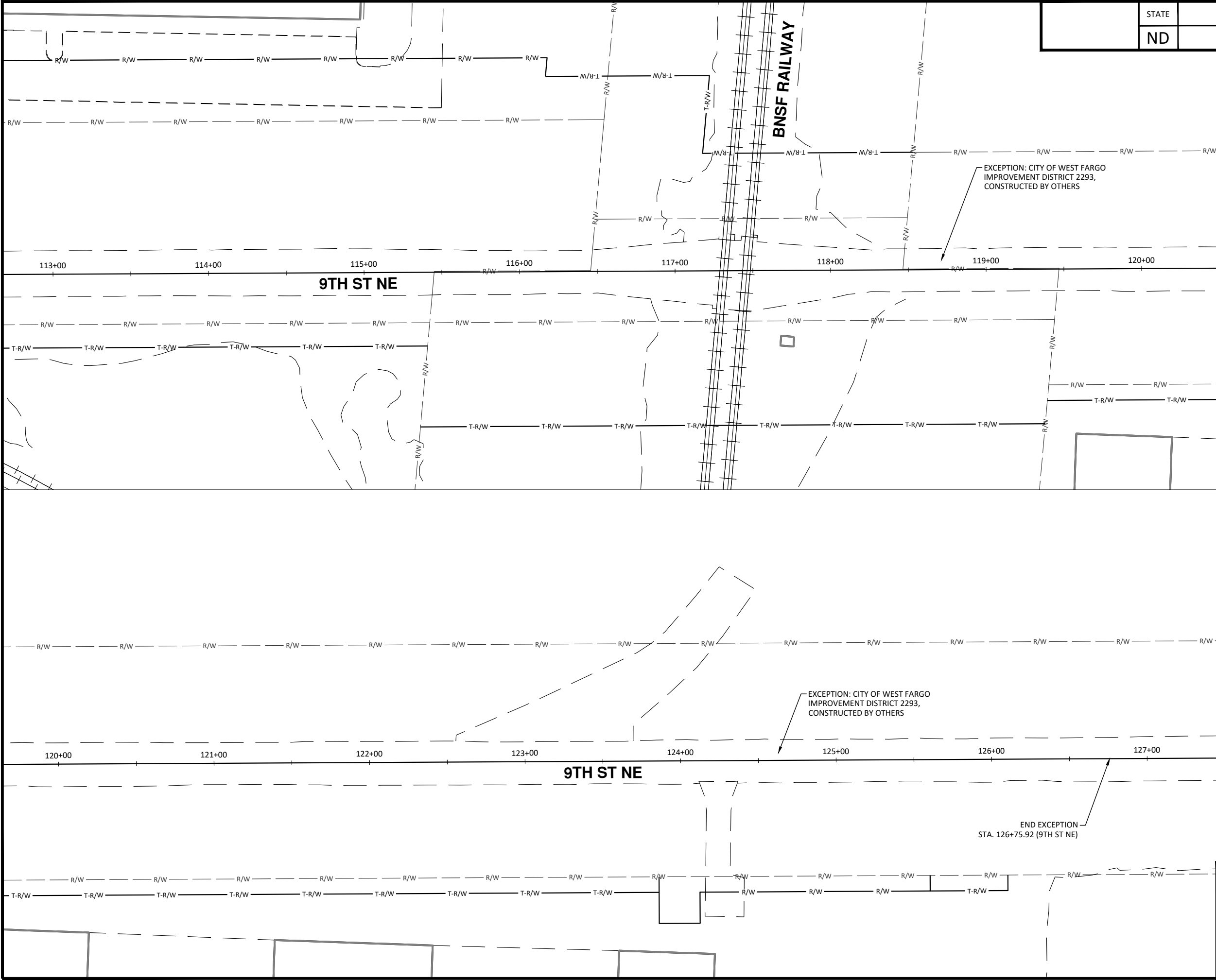
ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



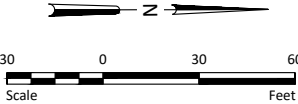
Existing Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBW\3600\8654\8654_0004 9th St\CAD\0_CITY PROJECT\Plans\140 - Lighting_Existing.dwg-Lighting (2)-11/11/2025 3:15 PM-(s-track)



	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	140	2



LEGEND	
EXISTING RIGHT OF WAY	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
STREET LIGHT TO REMAIN IN PLACE	☼ ☐
REMOVE STREET LIGHT	☼ ☐
CONDUIT/CONDUCTOR TO REMAIN IN PLACE	— L —
REMOVE/ABANDON CONDUIT/CONDUCTOR (SEE GENERAL NOTES 3 AND 4)	— L —

- GENERAL NOTES:
- EXISTING LIGHTING SYSTEM(S) BASED ON SURVEY AND AS-BUILT PLANS. VERIFY INFORMATION SHOWN PRIOR TO PERFORMING WORK.
 - EXISTING LIGHTING SYSTEM(S) TO REMAIN IN PLACE UNLESS NOTED OTHERWISE ON THE PLANS.
 - REMOVE EXISTING CONDUIT AND CONDUCTOR WITHIN THE PROPOSED RECONSTRUCTION LIMITS.
 - ABANDON EXISTING CONDUIT AND DIRECT BURIED CONDUCTOR OUTSIDE THE PROPOSED RECONSTRUCTION LIMITS. IF CONDUCTOR IS IN CONDUIT, REMOVE CONDUCTOR.



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

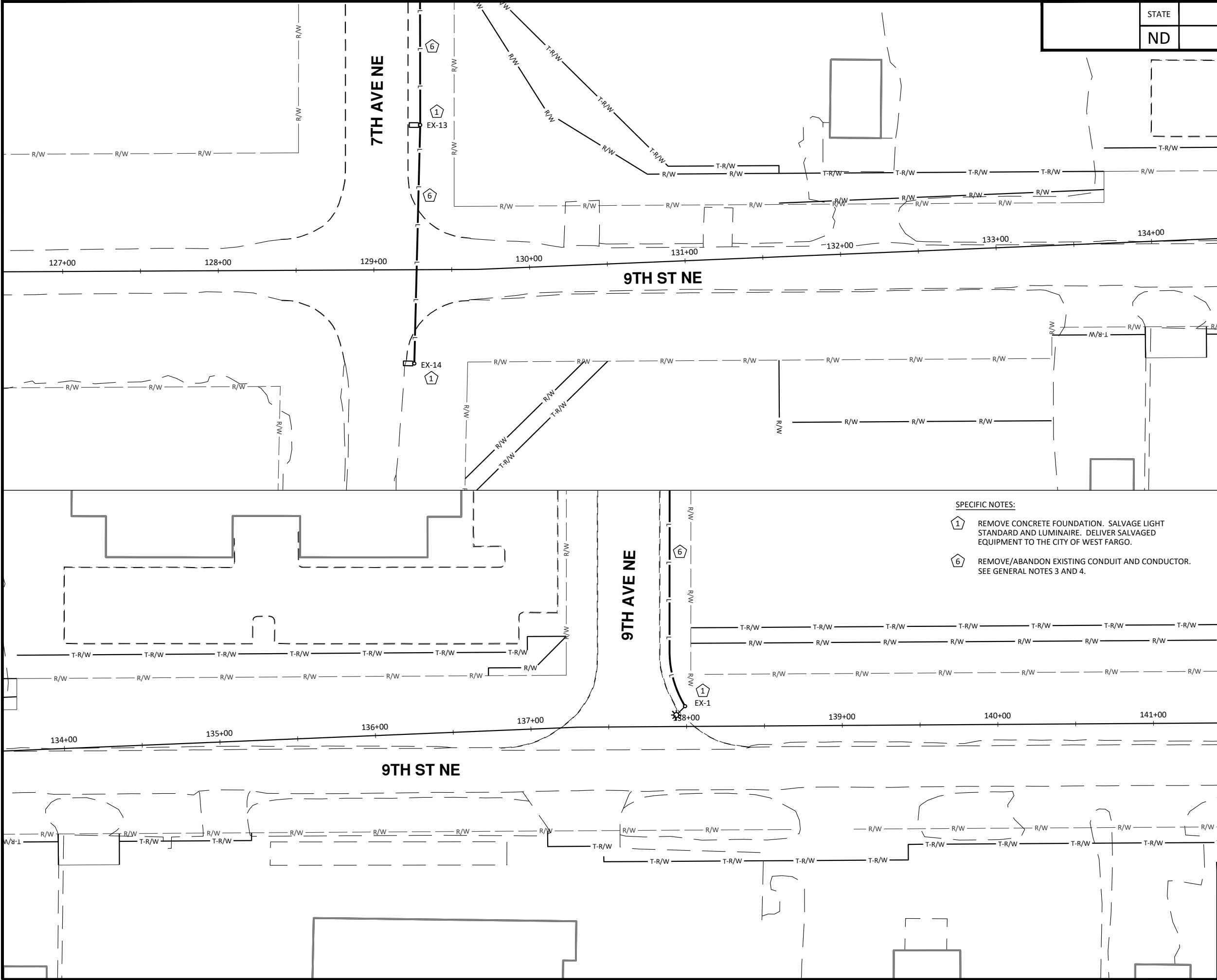


11/11/2025

Existing Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

H:\JBW\8600\8654_0004 9th St\PROJECT\Plans\140 - Lighting_Existing.dwg- Lighting (3-11/11/2025 3:15 PM)-(strack)



SPECIFIC NOTES:

- 1 REMOVE CONCRETE FOUNDATION. SALVAGE LIGHT STANDARD AND LUMINAIRE. DELIVER SALVAGED EQUIPMENT TO THE CITY OF WEST FARGO.
- 6 REMOVE/ABANDON EXISTING CONDUIT AND CONDUCTOR. SEE GENERAL NOTES 3 AND 4.

LEGEND

- EXISTING RIGHT OF WAY — R/W —
- PROPOSED RIGHT OF WAY — R/W —
- TEMPORARY RIGHT OF WAY — T-R/W —
- STREET LIGHT TO REMAIN IN PLACE
- REMOVE STREET LIGHT
- CONDUIT/CONDUCTOR TO REMAIN IN PLACE — L —
- REMOVE/ABANDON CONDUIT/CONDUCTOR (SEE GENERAL NOTES 3 AND 4) — L —

GENERAL NOTES:

- EXISTING LIGHTING SYSTEM(S) BASED ON SURVEY AND AS-BUILT PLANS. VERIFY INFORMATION SHOWN PRIOR TO PERFORMING WORK.
- EXISTING LIGHTING SYSTEM(S) TO REMAIN IN PLACE UNLESS NOTED OTHERWISE ON THE PLANS.
- REMOVE EXISTING CONDUIT AND CONDUCTOR WITHIN THE PROPOSED RECONSTRUCTION LIMITS.
- ABANDON EXISTING CONDUIT AND DIRECT BURIED CONDUCTOR OUTSIDE THE PROPOSED RECONSTRUCTION LIMITS. IF CONDUCTOR IS IN CONDUIT, REMOVE CONDUCTOR.



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



11/11/2025

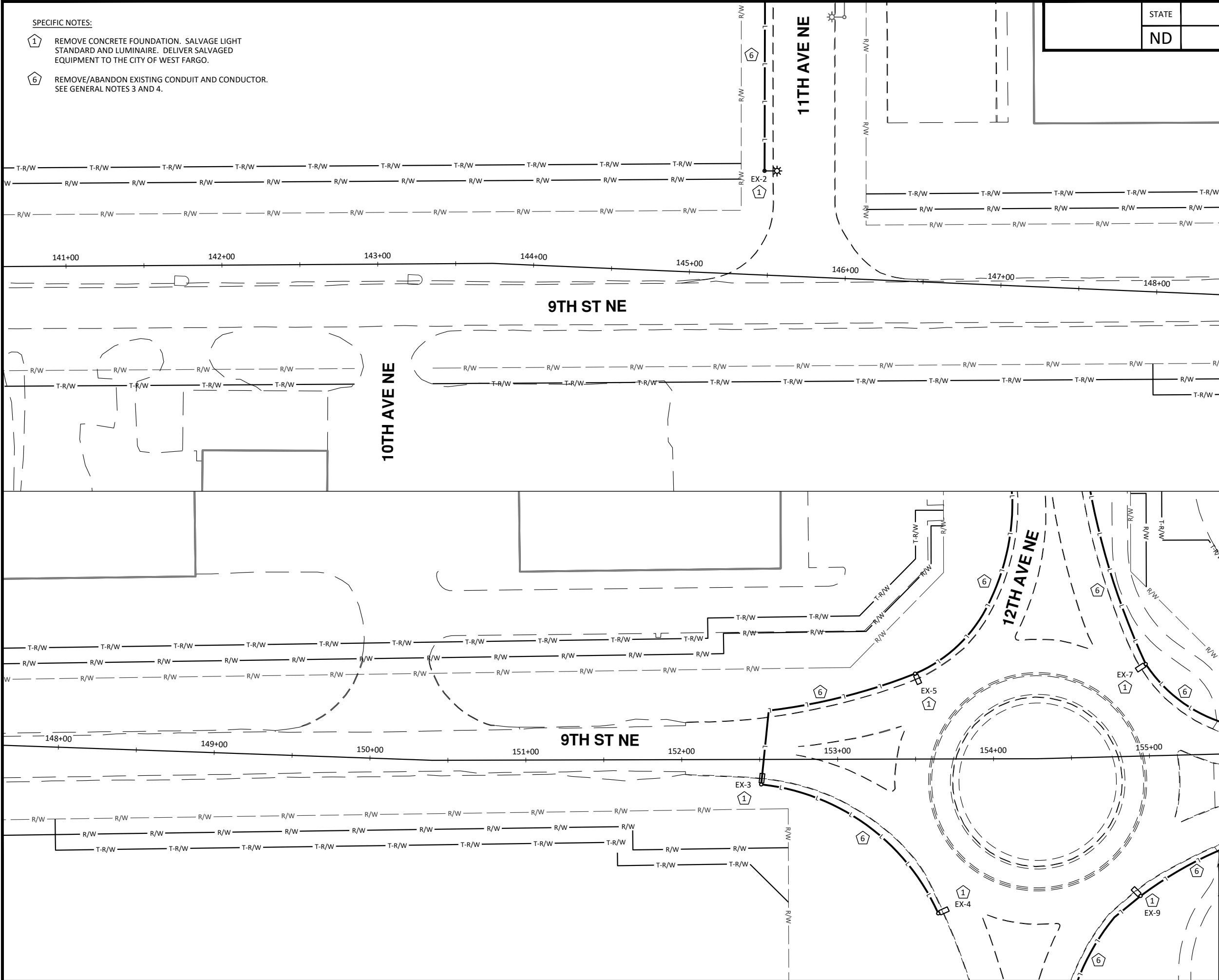
Existing Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

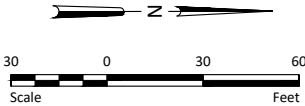
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SPECIFIC NOTES:

- 1 REMOVE CONCRETE FOUNDATION. SALVAGE LIGHT STANDARD AND LUMINAIRE. DELIVER SALVAGED EQUIPMENT TO THE CITY OF WEST FARGO.
- 6 REMOVE/ABANDON EXISTING CONDUIT AND CONDUCTOR. SEE GENERAL NOTES 3 AND 4.



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	140	4



LEGEND

- EXISTING RIGHT OF WAY — R/W —
- PROPOSED RIGHT OF WAY — R/W —
- TEMPORARY RIGHT OF WAY — T-R/W —
- STREET LIGHT TO REMAIN IN PLACE
- REMOVE STREET LIGHT
- CONDUIT/CONDUCTOR TO REMAIN IN PLACE — L —
- REMOVE/ABANDON CONDUIT/CONDUCTOR (SEE GENERAL NOTES 3 AND 4) — L —

GENERAL NOTES:

- EXISTING LIGHTING SYSTEM(S) BASED ON SURVEY AND AS-BUILT PLANS. VERIFY INFORMATION SHOWN PRIOR TO PERFORMING WORK.
- EXISTING LIGHTING SYSTEM(S) TO REMAIN IN PLACE UNLESS NOTED OTHERWISE ON THE PLANS.
- REMOVE EXISTING CONDUIT AND CONDUCTOR WITHIN THE PROPOSED RECONSTRUCTION LIMITS.
- ABANDON EXISTING CONDUIT AND DIRECT BURIED CONDUCTOR OUTSIDE THE PROPOSED RECONSTRUCTION LIMITS. IF CONDUCTOR IS IN CONDUIT, REMOVE CONDUCTOR.



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

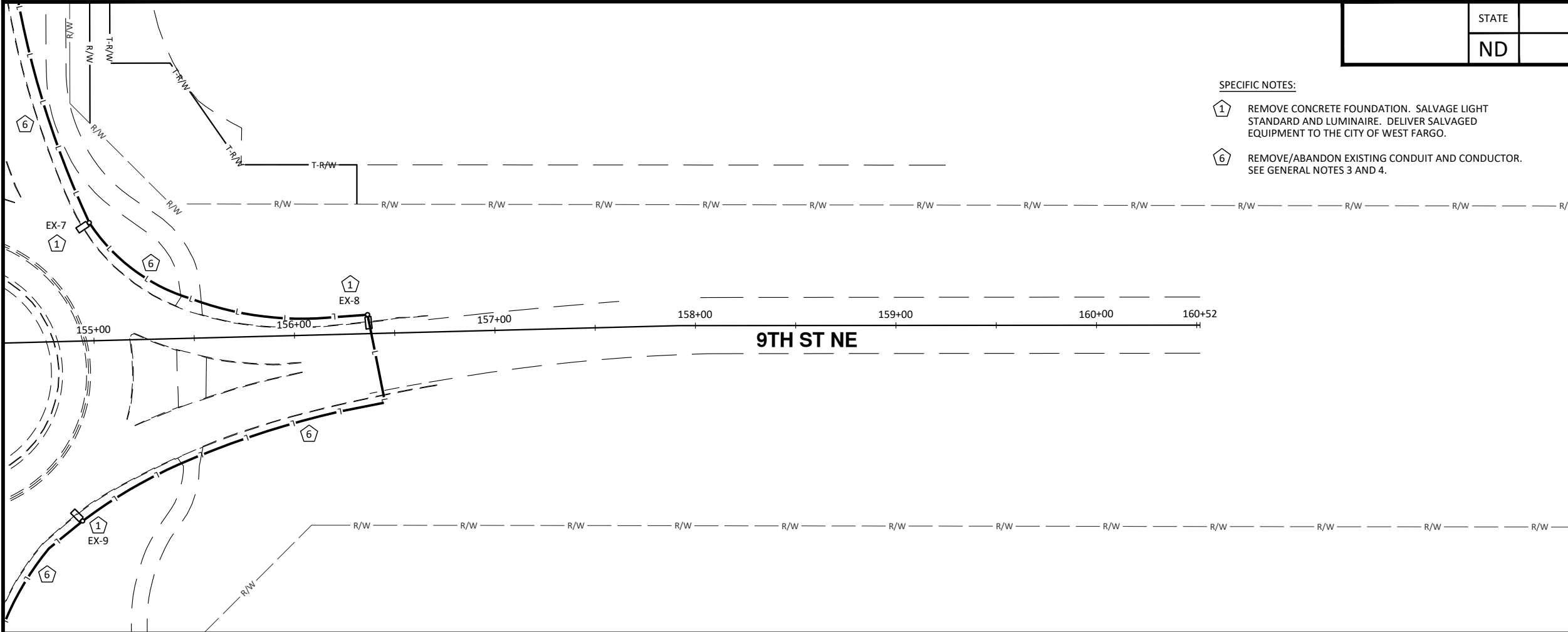


11/11/2025

Existing Lighting

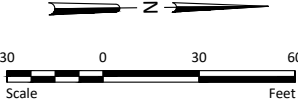
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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SPECIFIC NOTES:

- 1 REMOVE CONCRETE FOUNDATION. SALVAGE LIGHT STANDARD AND LUMINAIRE. DELIVER SALVAGED EQUIPMENT TO THE CITY OF WEST FARGO.
- 6 REMOVE/ABANDON EXISTING CONDUIT AND CONDUCTOR. SEE GENERAL NOTES 3 AND 4.



LEGEND

- EXISTING RIGHT OF WAY — R/W —
- PROPOSED RIGHT OF WAY — R/W —
- TEMPORARY RIGHT OF WAY — T-R/W —
- STREET LIGHT TO REMAIN IN PLACE [Symbol] [Symbol]
- REMOVE STREET LIGHT [Symbol] [Symbol]
- CONDUIT/CONDUCTOR TO REMAIN IN PLACE — L —
- REMOVE/ABANDON CONDUIT/CONDUCTOR (SEE GENERAL NOTES 3 AND 4) — L —

GENERAL NOTES:

1. EXISTING LIGHTING SYSTEM(S) BASED ON SURVEY AND AS-BUILT PLANS. VERIFY INFORMATION SHOWN PRIOR TO PERFORMING WORK.
2. EXISTING LIGHTING SYSTEM(S) TO REMAIN IN PLACE UNLESS NOTED OTHERWISE ON THE PLANS.
3. REMOVE EXISTING CONDUIT AND CONDUCTOR WITHIN THE PROPOSED RECONSTRUCTION LIMITS.
4. ABANDON EXISTING CONDUIT AND DIRECT BURIED CONDUCTOR OUTSIDE THE PROPOSED RECONSTRUCTION LIMITS. IF CONDUCTOR IS IN CONDUIT, REMOVE CONDUCTOR.



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

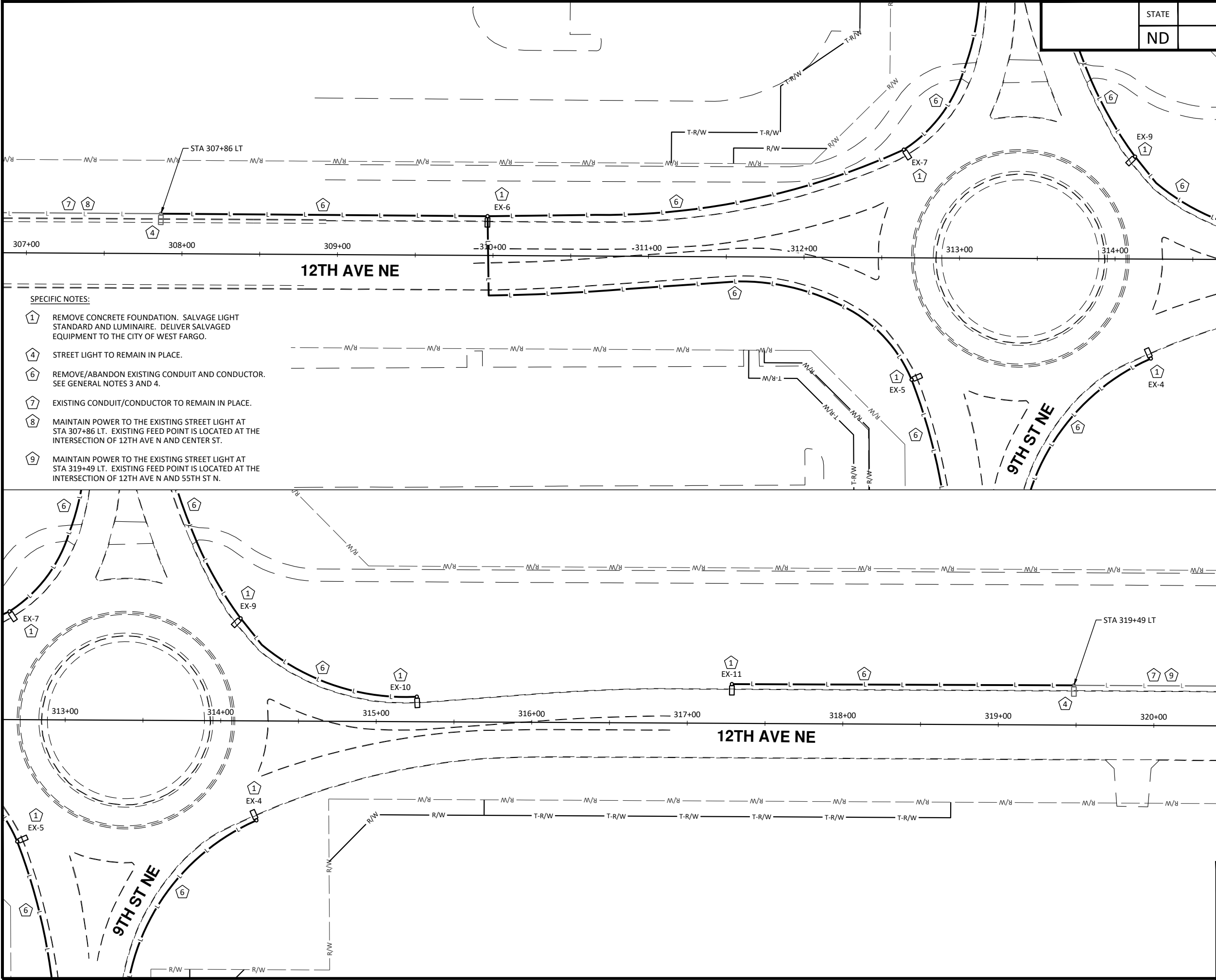


11/11/2025

Existing Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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SPECIFIC NOTES:

- 1 REMOVE CONCRETE FOUNDATION. SALVAGE LIGHT STANDARD AND LUMINAIRE. DELIVER SALVAGED EQUIPMENT TO THE CITY OF WEST FARGO.
- 4 STREET LIGHT TO REMAIN IN PLACE.
- 6 REMOVE/ABANDON EXISTING CONDUIT AND CONDUCTOR. SEE GENERAL NOTES 3 AND 4.
- 7 EXISTING CONDUIT/CONDUCTOR TO REMAIN IN PLACE.
- 8 MAINTAIN POWER TO THE EXISTING STREET LIGHT AT STA 307+86 LT. EXISTING FEED POINT IS LOCATED AT THE INTERSECTION OF 12TH AVE N AND CENTER ST.
- 9 MAINTAIN POWER TO THE EXISTING STREET LIGHT AT STA 319+49 LT. EXISTING FEED POINT IS LOCATED AT THE INTERSECTION OF 12TH AVE N AND 55TH ST N.

LEGEND

- | | |
|--|-----------|
| EXISTING RIGHT OF WAY | — R/W — |
| PROPOSED RIGHT OF WAY | — R/W — |
| TEMPORARY RIGHT OF WAY | — T-R/W — |
| STREET LIGHT TO REMAIN IN PLACE | |
| REMOVE STREET LIGHT | |
| CONDUIT/CONDUCTOR TO REMAIN IN PLACE | — L — |
| REMOVE/ABANDON CONDUIT/CONDUCTOR (SEE GENERAL NOTES 3 AND 4) | — L — |

GENERAL NOTES:

- EXISTING LIGHTING SYSTEM(S) BASED ON SURVEY AND AS-BUILT PLANS. VERIFY INFORMATION SHOWN PRIOR TO PERFORMING WORK.
- EXISTING LIGHTING SYSTEM(S) TO REMAIN IN PLACE UNLESS NOTED OTHERWISE ON THE PLANS.
- REMOVE EXISTING CONDUIT AND CONDUCTOR WITHIN THE PROPOSED RECONSTRUCTION LIMITS.
- ABANDON EXISTING CONDUIT AND DIRECT BURIED CONDUCTOR OUTSIDE THE PROPOSED RECONSTRUCTION LIMITS. IF CONDUCTOR IS IN CONDUIT, REMOVE CONDUCTOR.



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

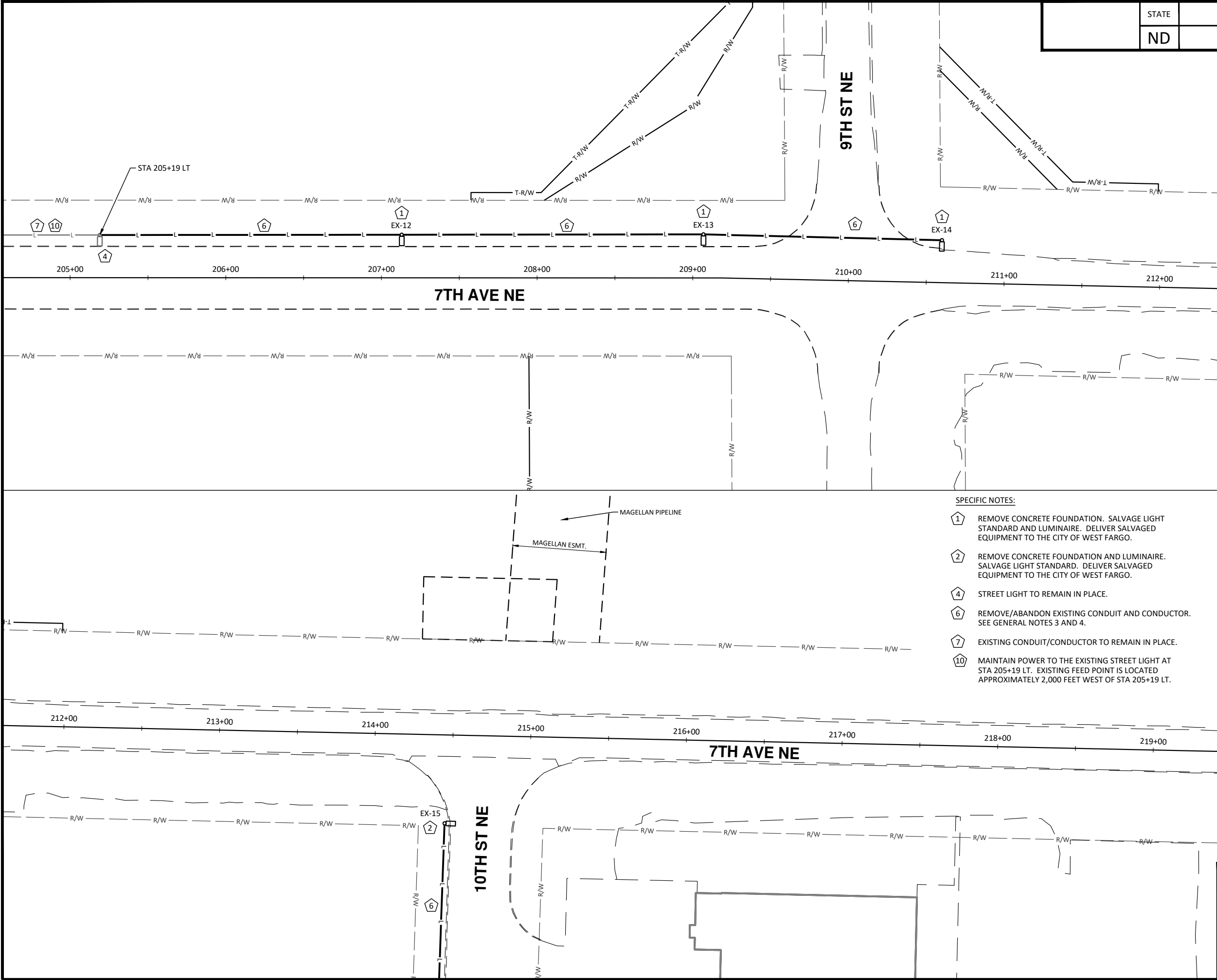


11/11/2025

Existing Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

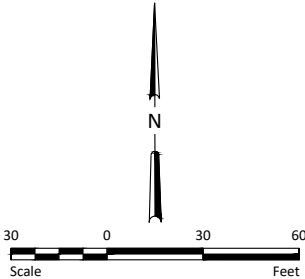
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SPECIFIC NOTES:

- 1 REMOVE CONCRETE FOUNDATION. SALVAGE LIGHT STANDARD AND LUMINAIRE. DELIVER SALVAGED EQUIPMENT TO THE CITY OF WEST FARGO.
- 2 REMOVE CONCRETE FOUNDATION AND LUMINAIRE. SALVAGE LIGHT STANDARD. DELIVER SALVAGED EQUIPMENT TO THE CITY OF WEST FARGO.
- 4 STREET LIGHT TO REMAIN IN PLACE.
- 6 REMOVE/ABANDON EXISTING CONDUIT AND CONDUCTOR. SEE GENERAL NOTES 3 AND 4.
- 7 EXISTING CONDUIT/CONDUCTOR TO REMAIN IN PLACE.
- 10 MAINTAIN POWER TO THE EXISTING STREET LIGHT AT STA 205+19 LT. EXISTING FEED POINT IS LOCATED APPROXIMATELY 2,000 FEET WEST OF STA 205+19 LT.

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	140	7



LEGEND

- EXISTING RIGHT OF WAY — R/W —
- PROPOSED RIGHT OF WAY — R/W —
- TEMPORARY RIGHT OF WAY — T-R/W —
- STREET LIGHT TO REMAIN IN PLACE [Symbol] [Symbol]
- REMOVE STREET LIGHT [Symbol] [Symbol]
- CONDUIT/CONDUCTOR TO REMAIN IN PLACE — L —
- REMOVE/ABANDON CONDUIT/CONDUCTOR (SEE GENERAL NOTES 3 AND 4) — L —

GENERAL NOTES:

- EXISTING LIGHTING SYSTEM(S) BASED ON SURVEY AND AS-BUILT PLANS. VERIFY INFORMATION SHOWN PRIOR TO PERFORMING WORK.
- EXISTING LIGHTING SYSTEM(S) TO REMAIN IN PLACE UNLESS NOTED OTHERWISE ON THE PLANS.
- REMOVE EXISTING CONDUIT AND CONDUCTOR WITHIN THE PROPOSED RECONSTRUCTION LIMITS.
- ABANDON EXISTING CONDUIT AND DIRECT BURIED CONDUCTOR OUTSIDE THE PROPOSED RECONSTRUCTION LIMITS. IF CONDUCTOR IS IN CONDUIT, REMOVE CONDUCTOR.



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

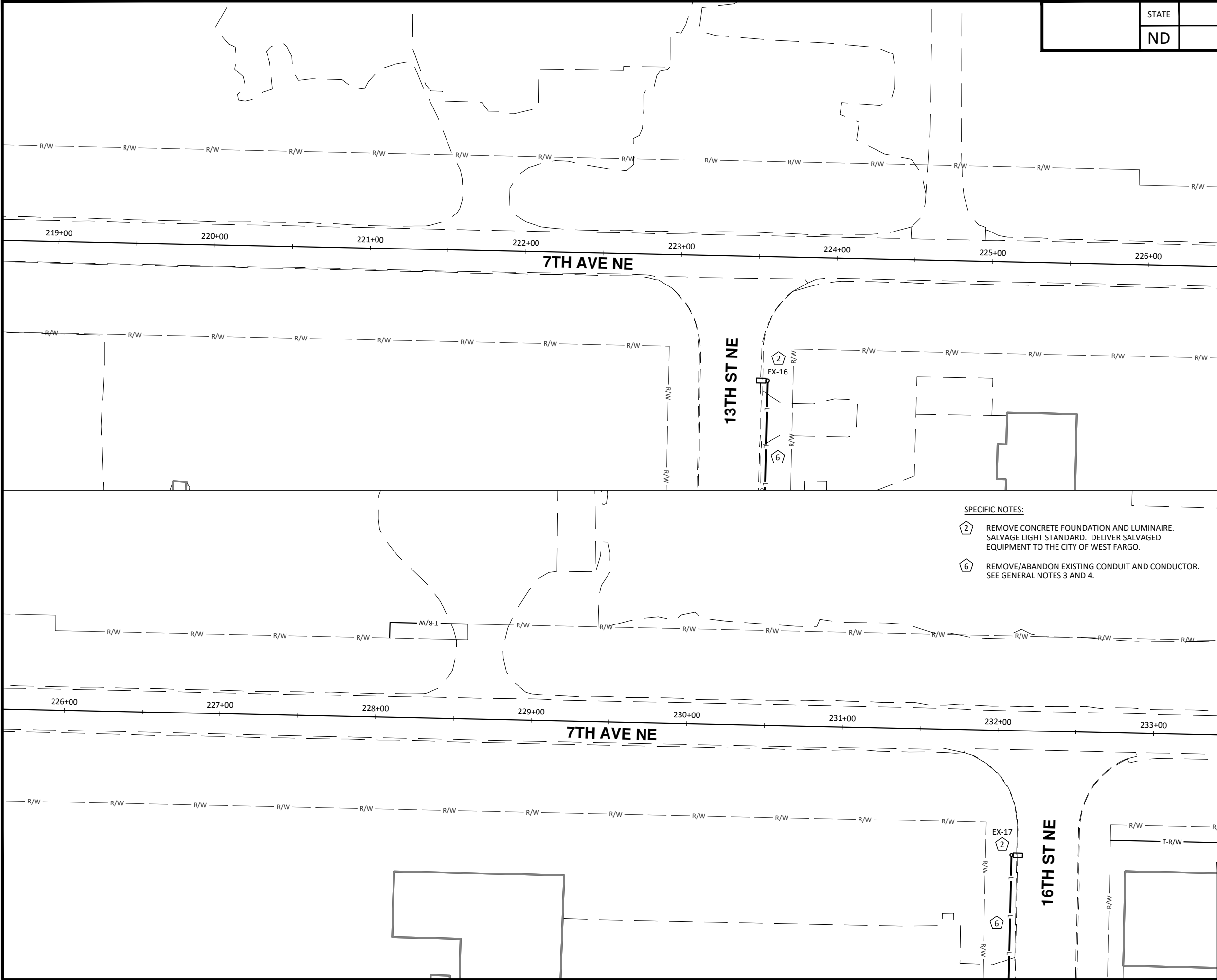


11/11/2025

Existing Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

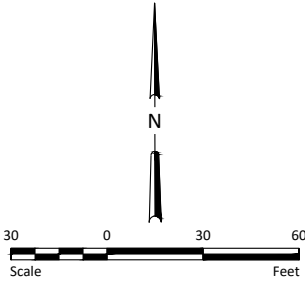
H:\JBW\8600\8654\8654_0004.9th St\CAD\0_CITY PROJECT\Plans\140 - Lighting_Existing.dwg- Lighting (8/11/11/2025 3:16 PM)-(strack)



SPECIFIC NOTES:

- 2 REMOVE CONCRETE FOUNDATION AND LUMINAIRE. SALVAGE LIGHT STANDARD. DELIVER SALVAGED EQUIPMENT TO THE CITY OF WEST FARGO.
- 6 REMOVE/ABANDON EXISTING CONDUIT AND CONDUCTOR. SEE GENERAL NOTES 3 AND 4.

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND TMA-SU-FXP-8-992(045)	140	8



LEGEND

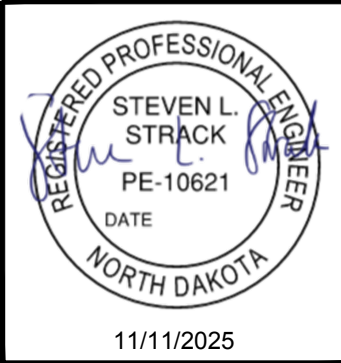
- EXISTING RIGHT OF WAY — R/W —
- PROPOSED RIGHT OF WAY — R/W —
- TEMPORARY RIGHT OF WAY — T-R/W —
- STREET LIGHT TO REMAIN IN PLACE [Symbol]
- REMOVE STREET LIGHT [Symbol]
- CONDUIT/CONDUCTOR TO REMAIN IN PLACE — L —
- REMOVE/ABANDON CONDUIT/CONDUCTOR (SEE GENERAL NOTES 3 AND 4) — L —

GENERAL NOTES:

- EXISTING LIGHTING SYSTEM(S) BASED ON SURVEY AND AS-BUILT PLANS. VERIFY INFORMATION SHOWN PRIOR TO PERFORMING WORK.
- EXISTING LIGHTING SYSTEM(S) TO REMAIN IN PLACE UNLESS NOTED OTHERWISE ON THE PLANS.
- REMOVE EXISTING CONDUIT AND CONDUCTOR WITHIN THE PROPOSED RECONSTRUCTION LIMITS.
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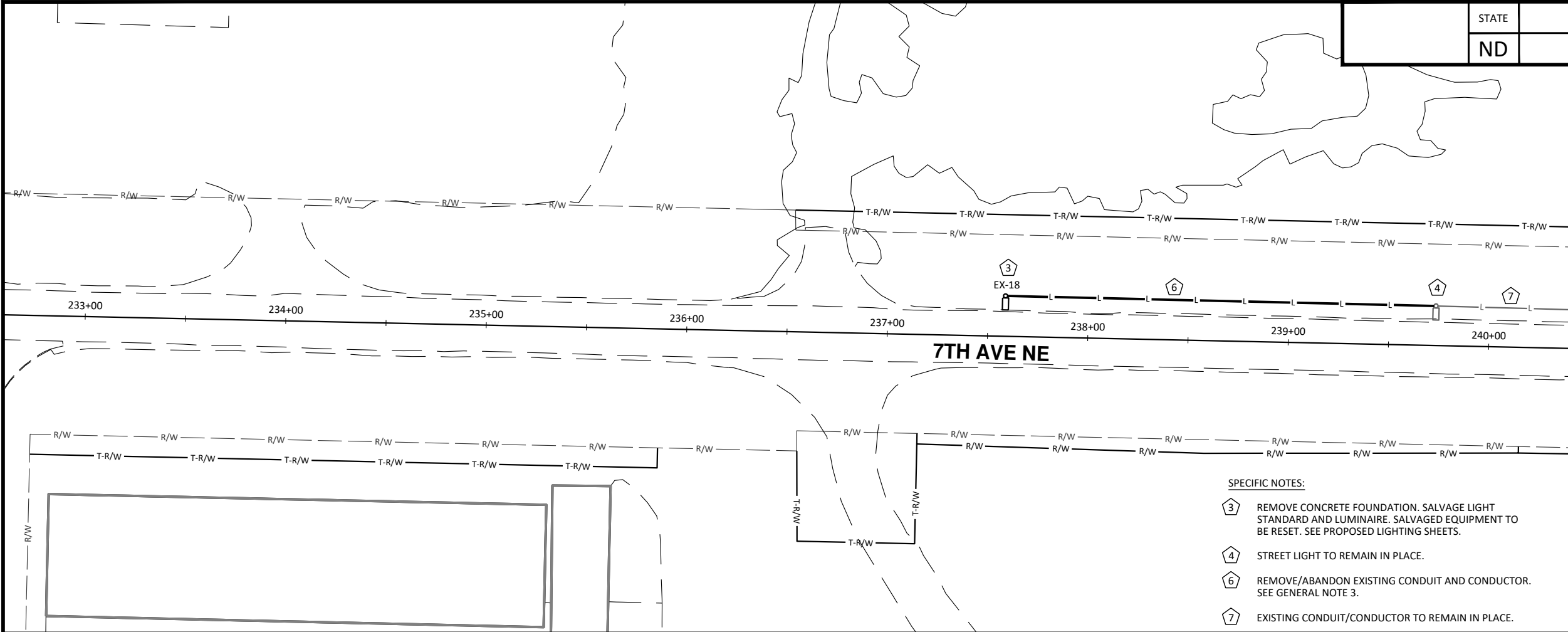
ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



Existing Lighting

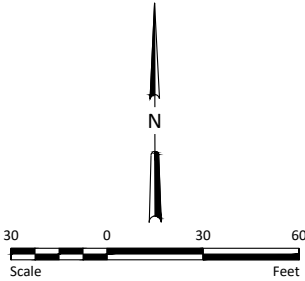
9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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- SPECIFIC NOTES:**
- 3 REMOVE CONCRETE FOUNDATION. SALVAGE LIGHT STANDARD AND LUMINAIRE. SALVAGED EQUIPMENT TO BE RESET. SEE PROPOSED LIGHTING SHEETS.
 - 4 STREET LIGHT TO REMAIN IN PLACE.
 - 6 REMOVE/ABANDON EXISTING CONDUIT AND CONDUCTOR. SEE GENERAL NOTE 3.
 - 7 EXISTING CONDUIT/CONDUCTOR TO REMAIN IN PLACE.

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	140	9



- LEGEND**
- EXISTING RIGHT OF WAY — R/W —
 - PROPOSED RIGHT OF WAY — R/W —
 - TEMPORARY RIGHT OF WAY — T-R/W —
 - STREET LIGHT TO REMAIN IN PLACE
 - REMOVE STREET LIGHT
 - CONDUIT/CONDUCTOR TO REMAIN IN PLACE — L —
 - REMOVE/ABANDON CONDUIT/CONDUCTOR (SEE GENERAL NOTES 3 AND 4) — L —

- GENERAL NOTES:**
- EXISTING LIGHTING SYSTEM(S) BASED ON SURVEY AND AS-BUILT PLANS. VERIFY INFORMATION SHOWN PRIOR TO PERFORMING WORK.
 - EXISTING LIGHTING SYSTEM(S) TO REMAIN IN PLACE UNLESS NOTED OTHERWISE ON THE PLANS.
 - REMOVE EXISTING CONDUIT AND CONDUCTOR WITHIN THE PROPOSED RECONSTRUCTION LIMITS.
 - ABANDON EXISTING CONDUIT AND DIRECT BURIED CONDUCTOR OUTSIDE THE PROPOSED RECONSTRUCTION LIMITS. IF CONDUCTOR IS IN CONDUIT, REMOVE CONDUCTOR.



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)

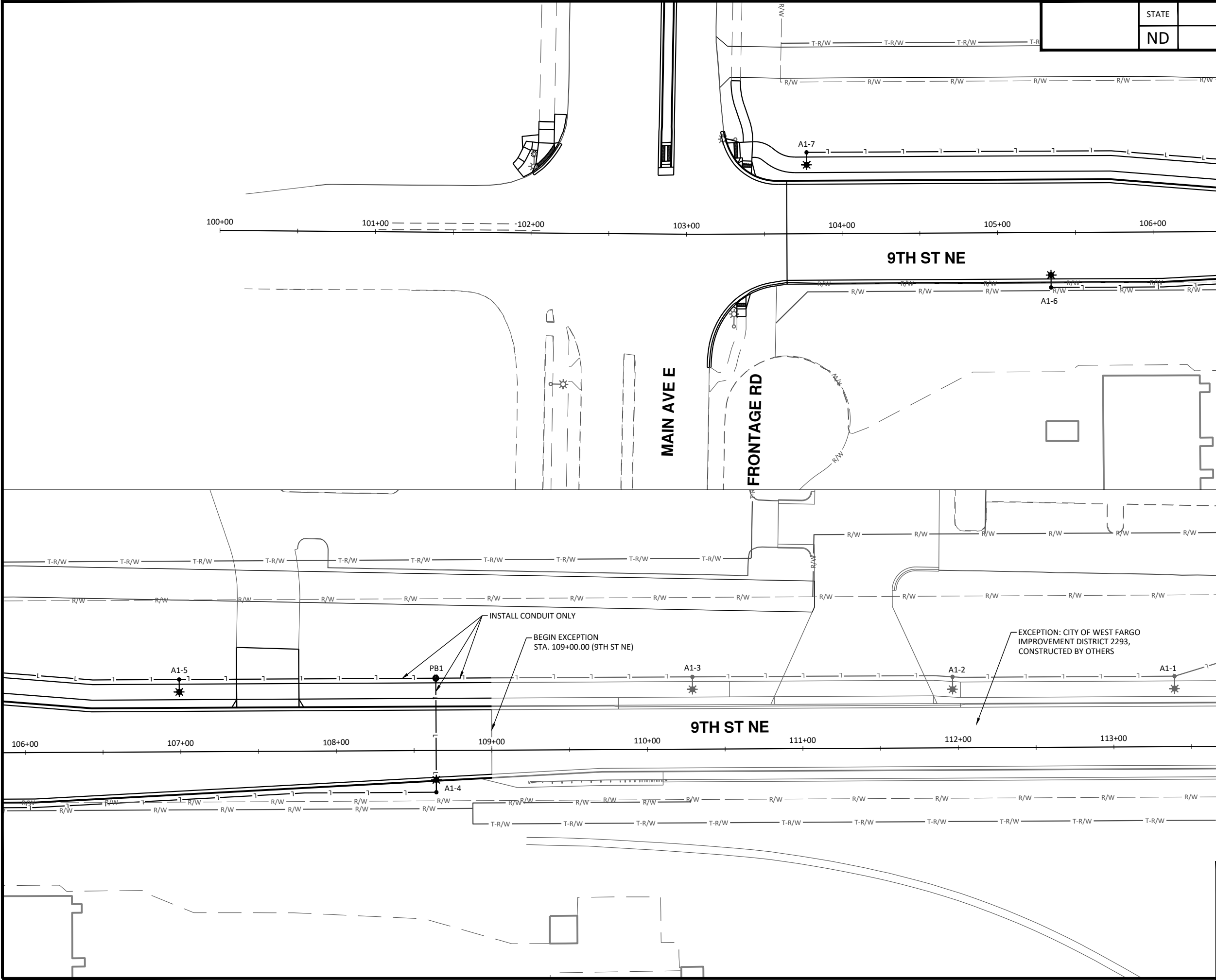


11/11/2025

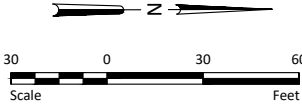
Existing Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	140	10



LEGEND	
EXISTING RIGHT OF WAY	--- R/W ---
PROPOSED RIGHT OF WAY	--- R/W ---
TEMPORARY RIGHT OF WAY	--- T-R/W ---
STREET LIGHT TO REMAIN IN PLACE	□
RESET EXISTING STREET LIGHT	□
PROPOSED STREET LIGHT	★
PROPOSED FEED POINT	■
PROPOSED PULL BOX	⊗
CONDUIT/CONDUCTOR TO REMAIN IN PLACE	--- L ---
PROPOSED CONDUIT AND CONDUCTOR	--- L ---

NOTE:
LIGHTING EQUIPMENT WITHIN THE EXCEPTION AREA
SHOWN FOR INFORMATIONAL PURPOSES ONLY. TO BE
INSTALLED BY OTHER AND SUBJECT TO CHANGE.



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

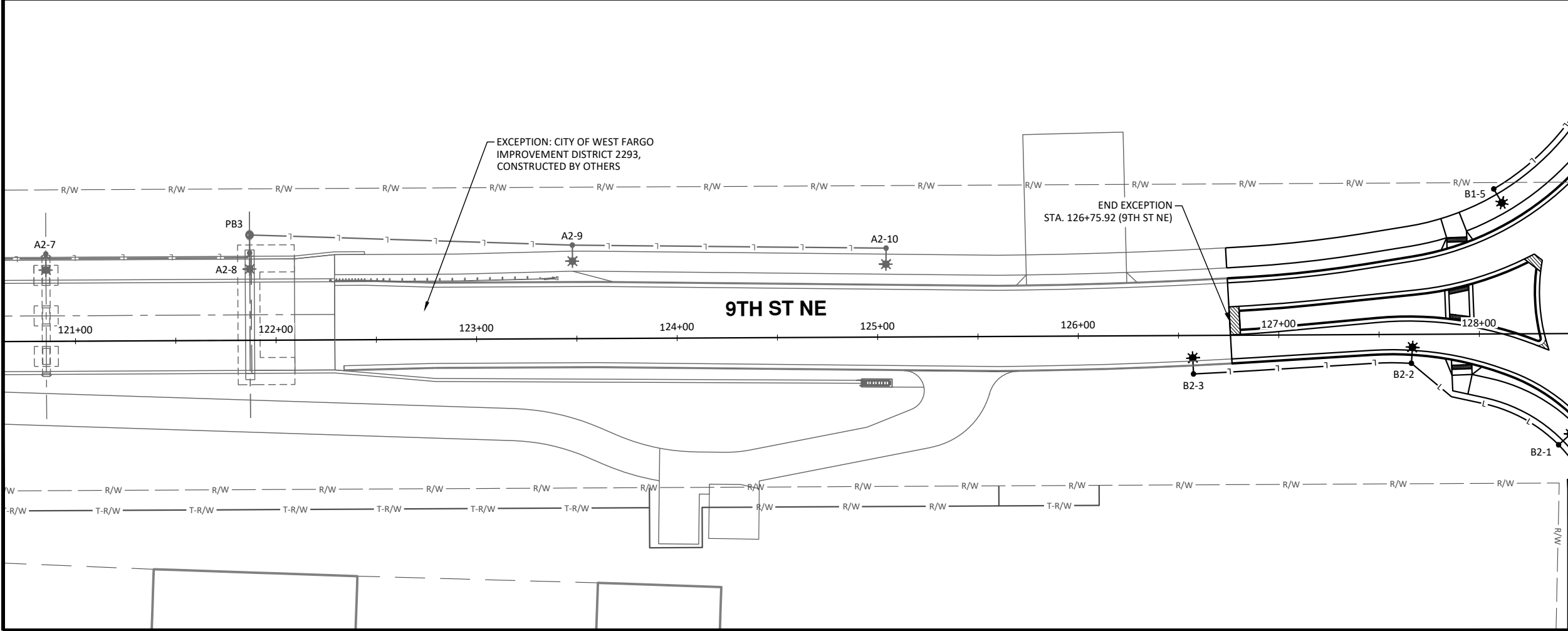
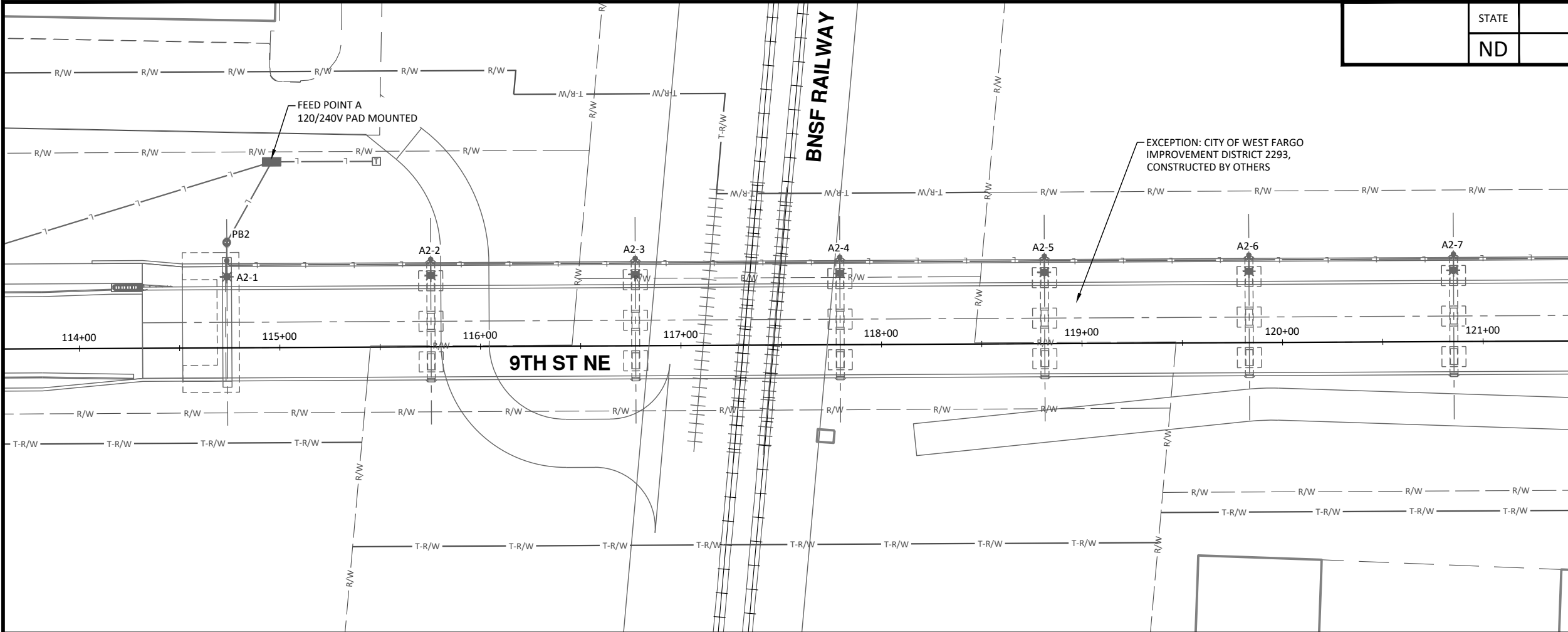


11/11/2025

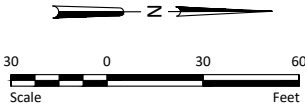
Proposed Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	140	11



LEGEND

EXISTING RIGHT OF WAY	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
STREET LIGHT TO REMAIN IN PLACE	
RESET EXISTING STREET LIGHT	
PROPOSED STREET LIGHT	
PROPOSED FEED POINT	
PROPOSED PULL BOX	
CONDUIT/CONDUCTOR TO REMAIN IN PLACE	— L —
PROPOSED CONDUIT AND CONDUCTOR	— L —

NOTE:

LIGHTING EQUIPMENT WITHIN THE EXCEPTION AREA SHOWN FOR INFORMATIONAL PURPOSES ONLY. TO BE INSTALLED BY OTHER AND SUBJECT TO CHANGE.



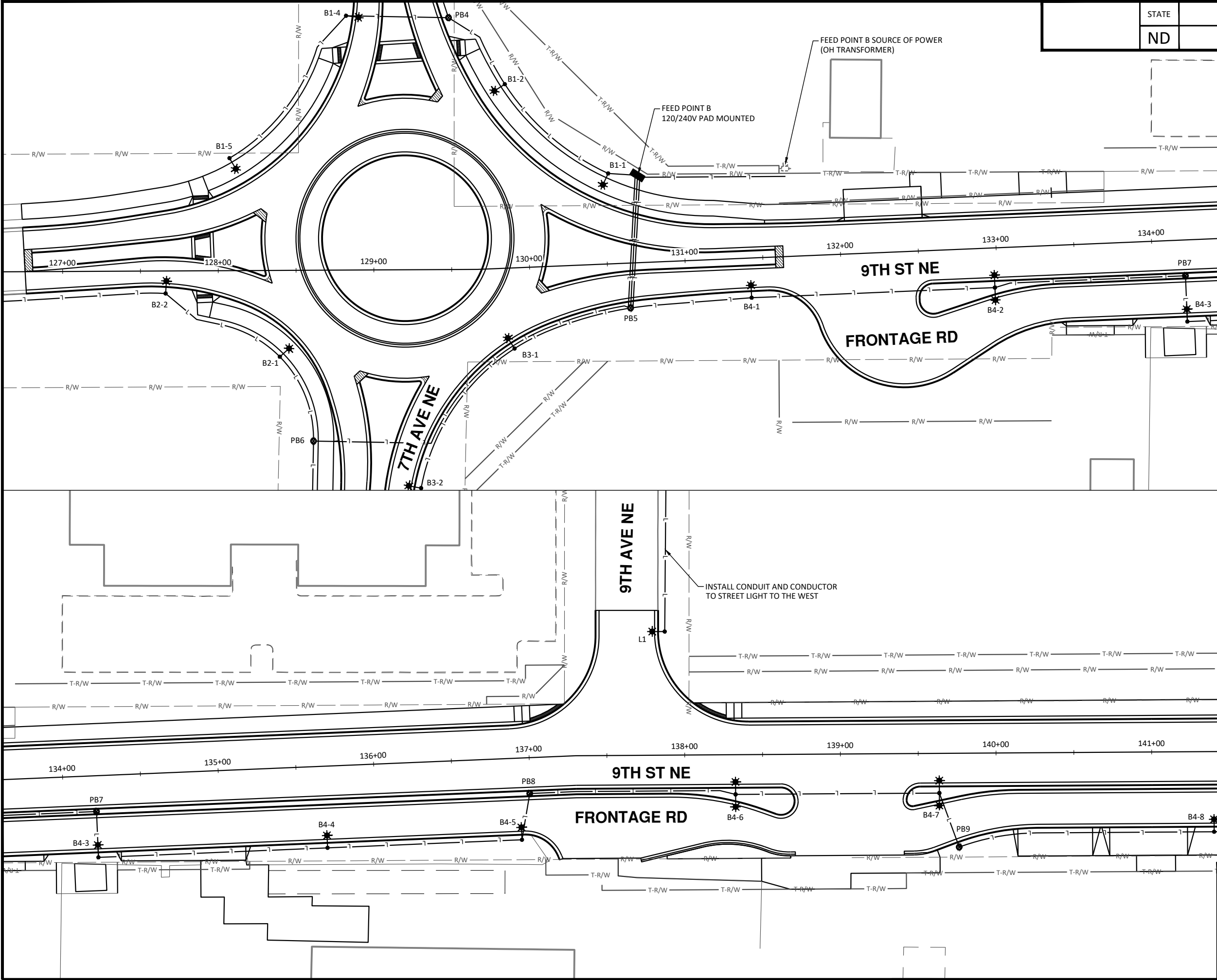
ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



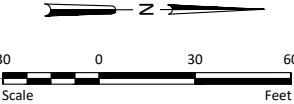
Proposed Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	140	12



LEGEND	
EXISTING RIGHT OF WAY	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
STREET LIGHT TO REMAIN IN PLACE	
RESET EXISTING STREET LIGHT	
PROPOSED STREET LIGHT	
PROPOSED FEED POINT	
PROPOSED PULL BOX	
CONDUIT/CONDUCTOR TO REMAIN IN PLACE	— L —
PROPOSED CONDUIT AND CONDUCTOR	— L —



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

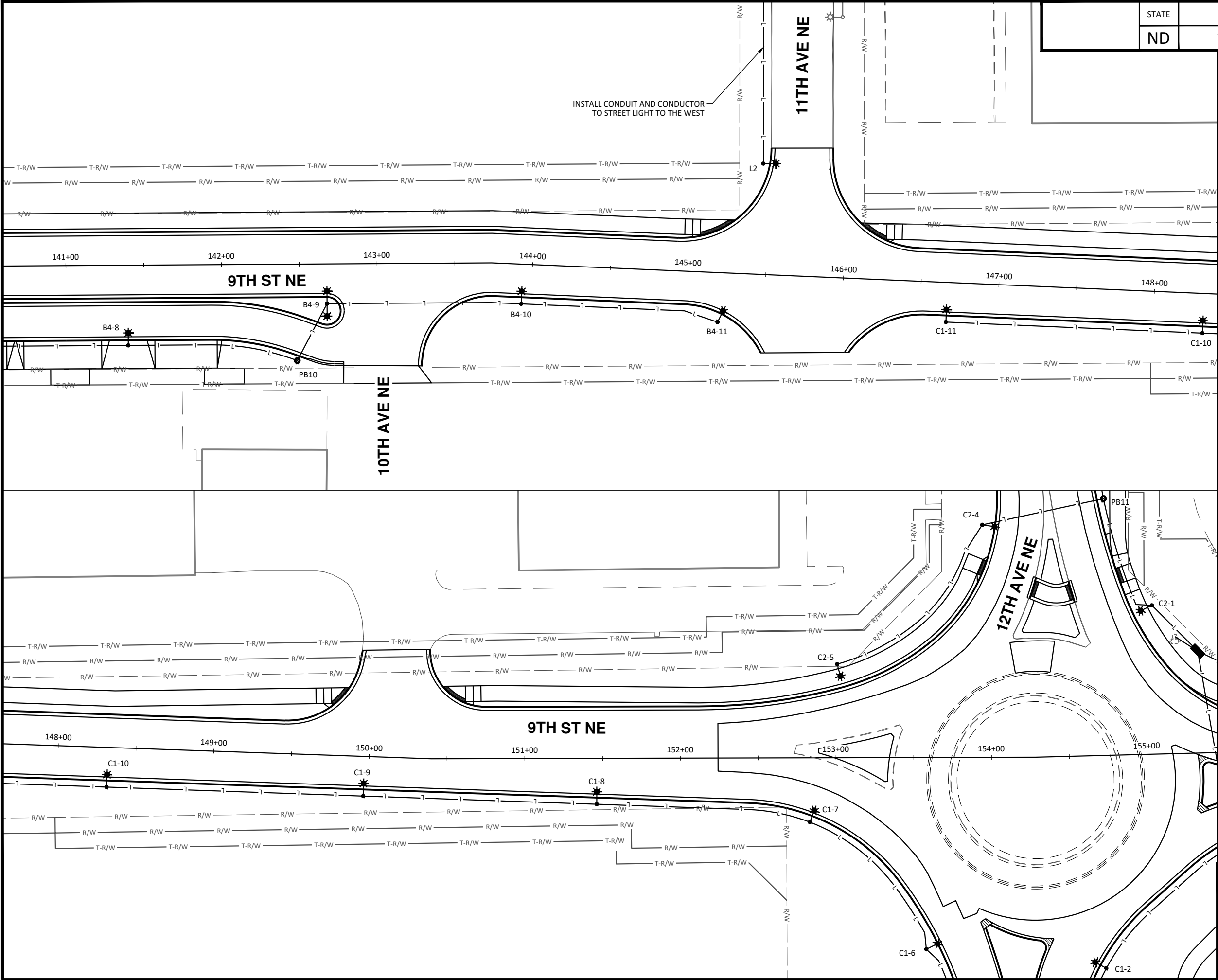


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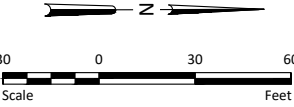
Proposed Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND TMA-SU-FXP-8-992(045)	140	13



LEGEND	
EXISTING RIGHT OF WAY	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
STREET LIGHT TO REMAIN IN PLACE	☐
RESET EXISTING STREET LIGHT	☐
PROPOSED STREET LIGHT	☼
PROPOSED FEED POINT	■
PROPOSED PULL BOX	⊗
CONDUIT/CONDUCTOR TO REMAIN IN PLACE	— L —
PROPOSED CONDUIT AND CONDUCTOR	— L —



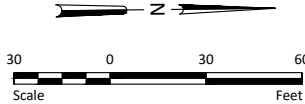
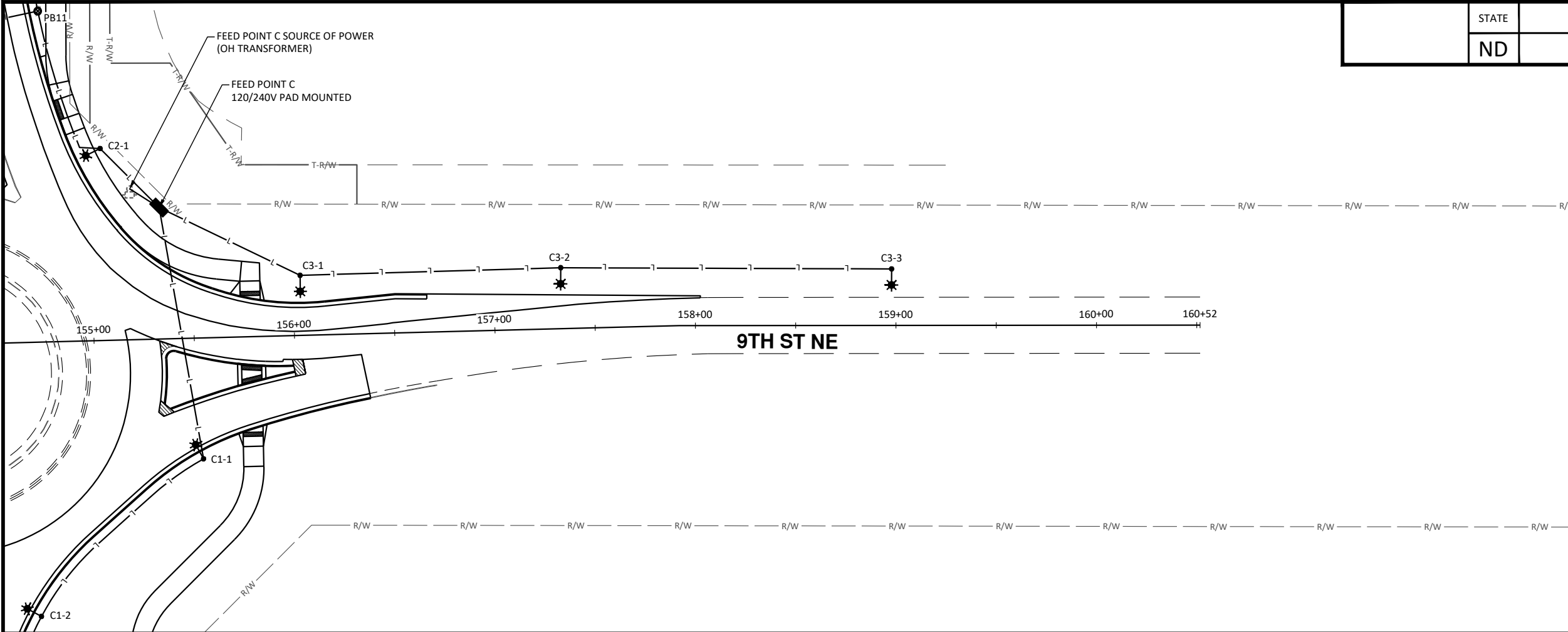
ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



Proposed Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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LEGEND	
EXISTING RIGHT OF WAY	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
STREET LIGHT TO REMAIN IN PLACE	□
RESET EXISTING STREET LIGHT	□
PROPOSED STREET LIGHT	✱
PROPOSED FEED POINT	■
PROPOSED PULL BOX	⊗
CONDUIT/CONDUCTOR TO REMAIN IN PLACE	— L —
PROPOSED CONDUIT AND CONDUCTOR	— L —



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THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

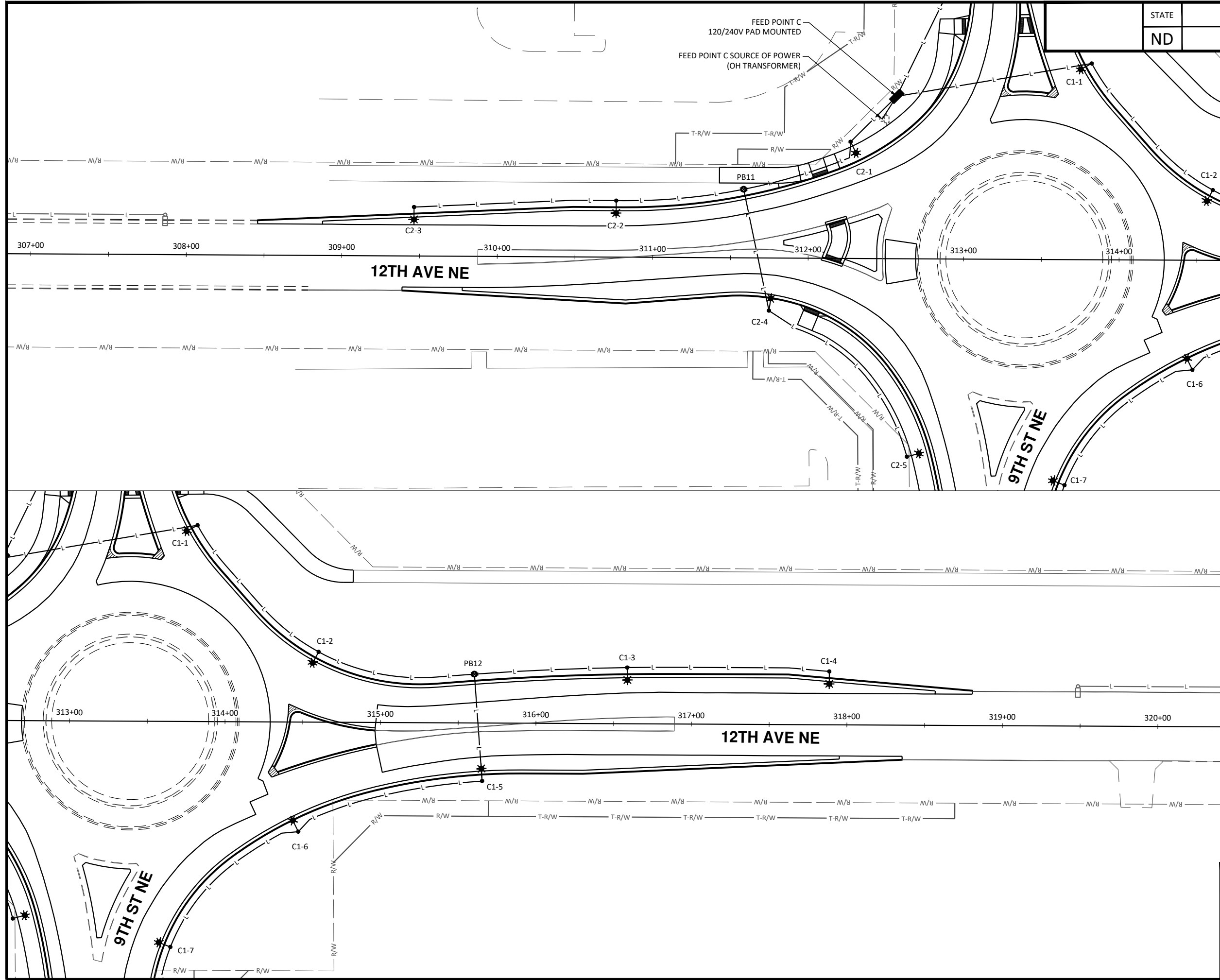


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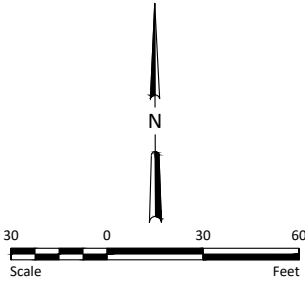
Proposed Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	140	15



LEGEND	
EXISTING RIGHT OF WAY	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
STREET LIGHT TO REMAIN IN PLACE	
RESET EXISTING STREET LIGHT	
PROPOSED STREET LIGHT	
PROPOSED FEED POINT	
PROPOSED PULL BOX	
CONDUIT/CONDUCTOR TO REMAIN IN PLACE	— L —
PROPOSED CONDUIT AND CONDUCTOR	— L —



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THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)

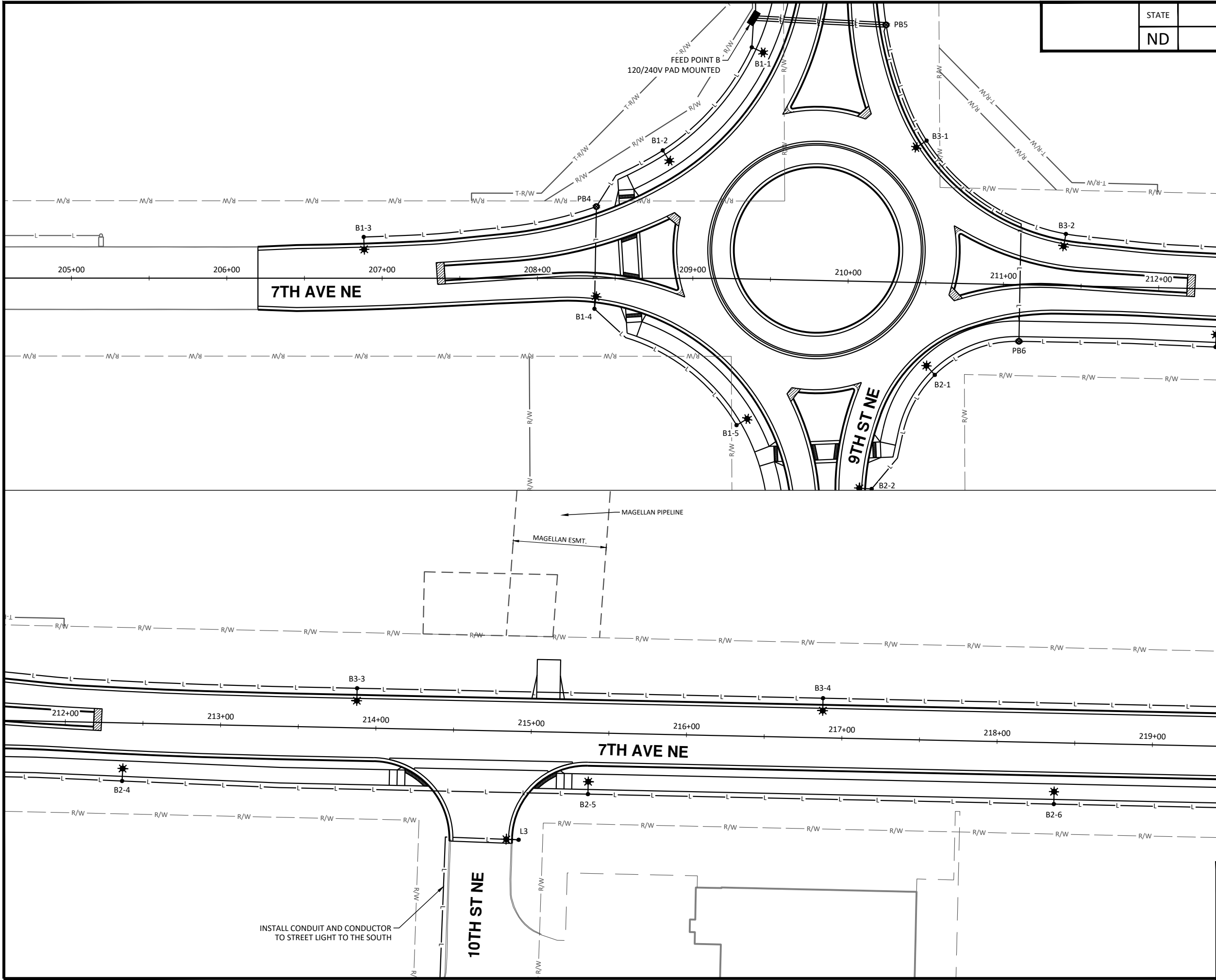


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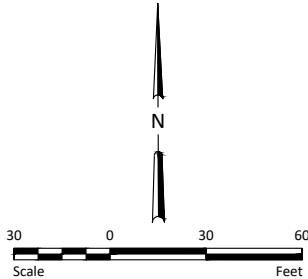
Proposed Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	140	16



LEGEND	
EXISTING RIGHT OF WAY	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
STREET LIGHT TO REMAIN IN PLACE	
RESET EXISTING STREET LIGHT	
PROPOSED STREET LIGHT	
PROPOSED FEED POINT	
PROPOSED PULL BOX	
CONDUIT/CONDUCTOR TO REMAIN IN PLACE	— L —
PROPOSED CONDUIT AND CONDUCTOR	— L —



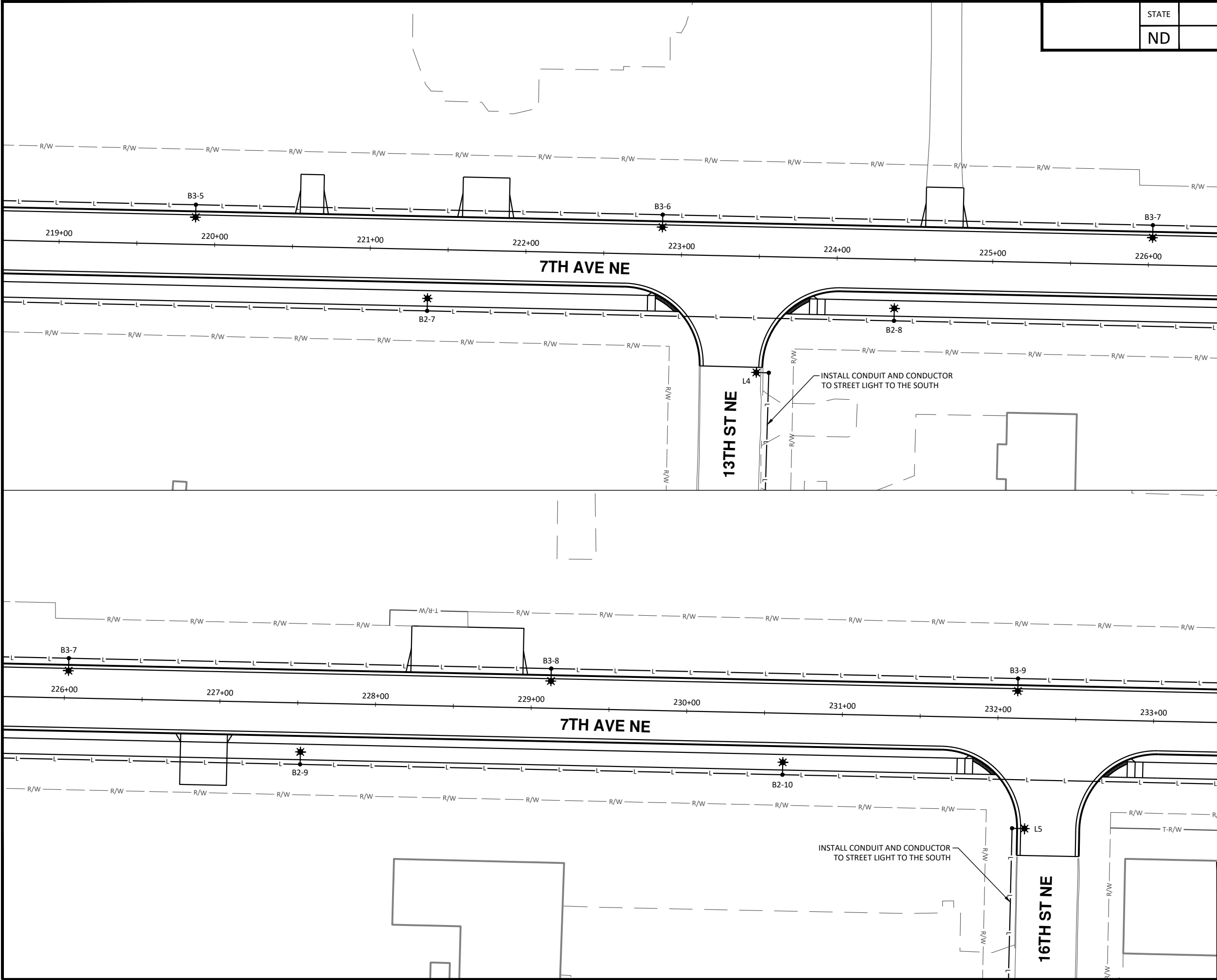
ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
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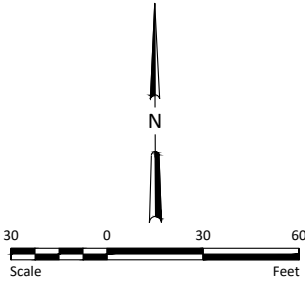
Proposed Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	140 17



LEGEND	
EXISTING RIGHT OF WAY	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
STREET LIGHT TO REMAIN IN PLACE	□
RESET EXISTING STREET LIGHT	□
PROPOSED STREET LIGHT	• *
PROPOSED FEED POINT	■
PROPOSED PULL BOX	⊗
CONDUIT/CONDUCTOR TO REMAIN IN PLACE	— L —
PROPOSED CONDUIT AND CONDUCTOR	— L —



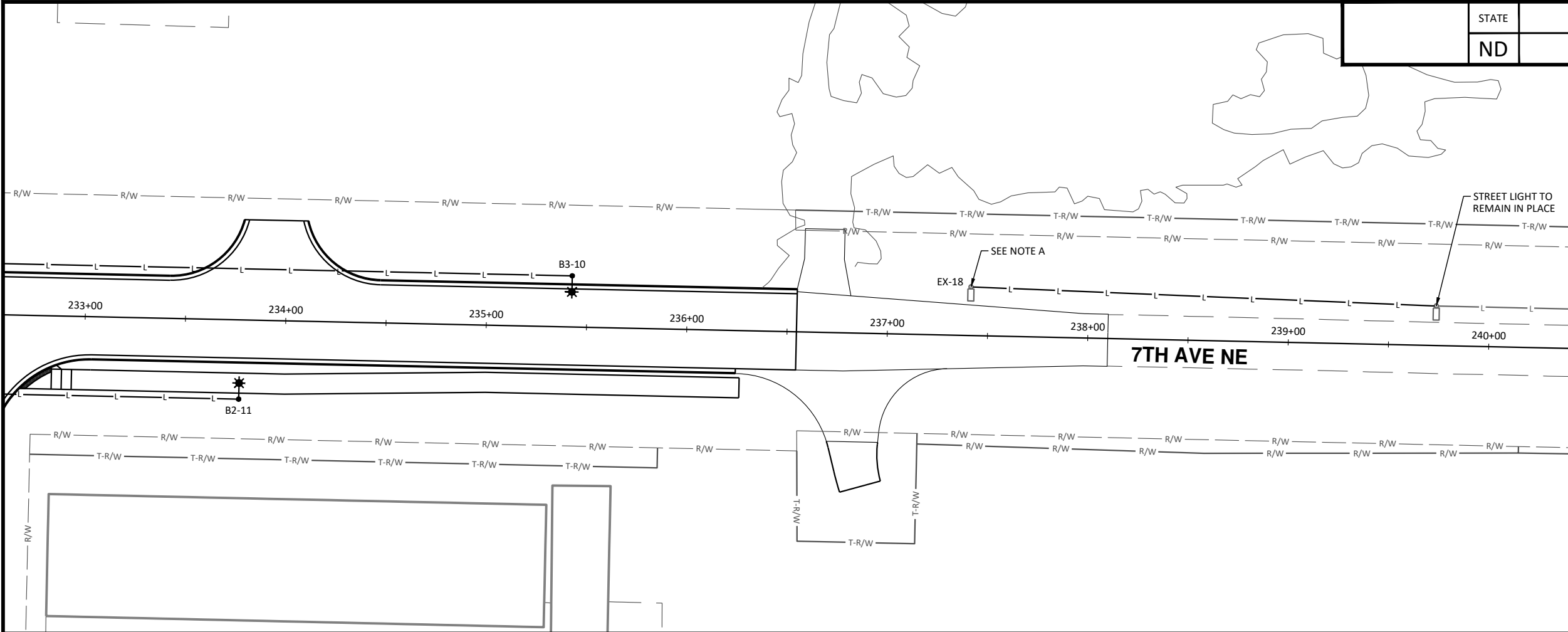
ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
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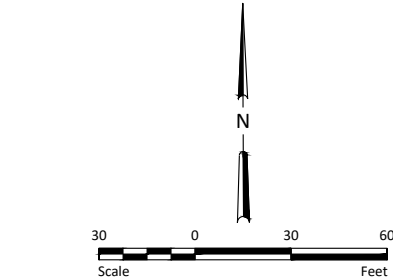
Proposed Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	140



LEGEND	
EXISTING RIGHT OF WAY	— R/W —
PROPOSED RIGHT OF WAY	— R/W —
TEMPORARY RIGHT OF WAY	— T-R/W —
STREET LIGHT TO REMAIN IN PLACE	□
RESET EXISTING STREET LIGHT	□
PROPOSED STREET LIGHT	★
PROPOSED FEED POINT	■
PROPOSED PULL BOX	⊗
CONDUIT/CONDUCTOR TO REMAIN IN PLACE	— L —
PROPOSED CONDUIT AND CONDUCTOR	— L —

- NOTES:
- A. INSTALL EX-18 ON A 24" DIA. x 6' DEEP CONCRETE BASE. SEE D-770-1 FOR DETAILS.



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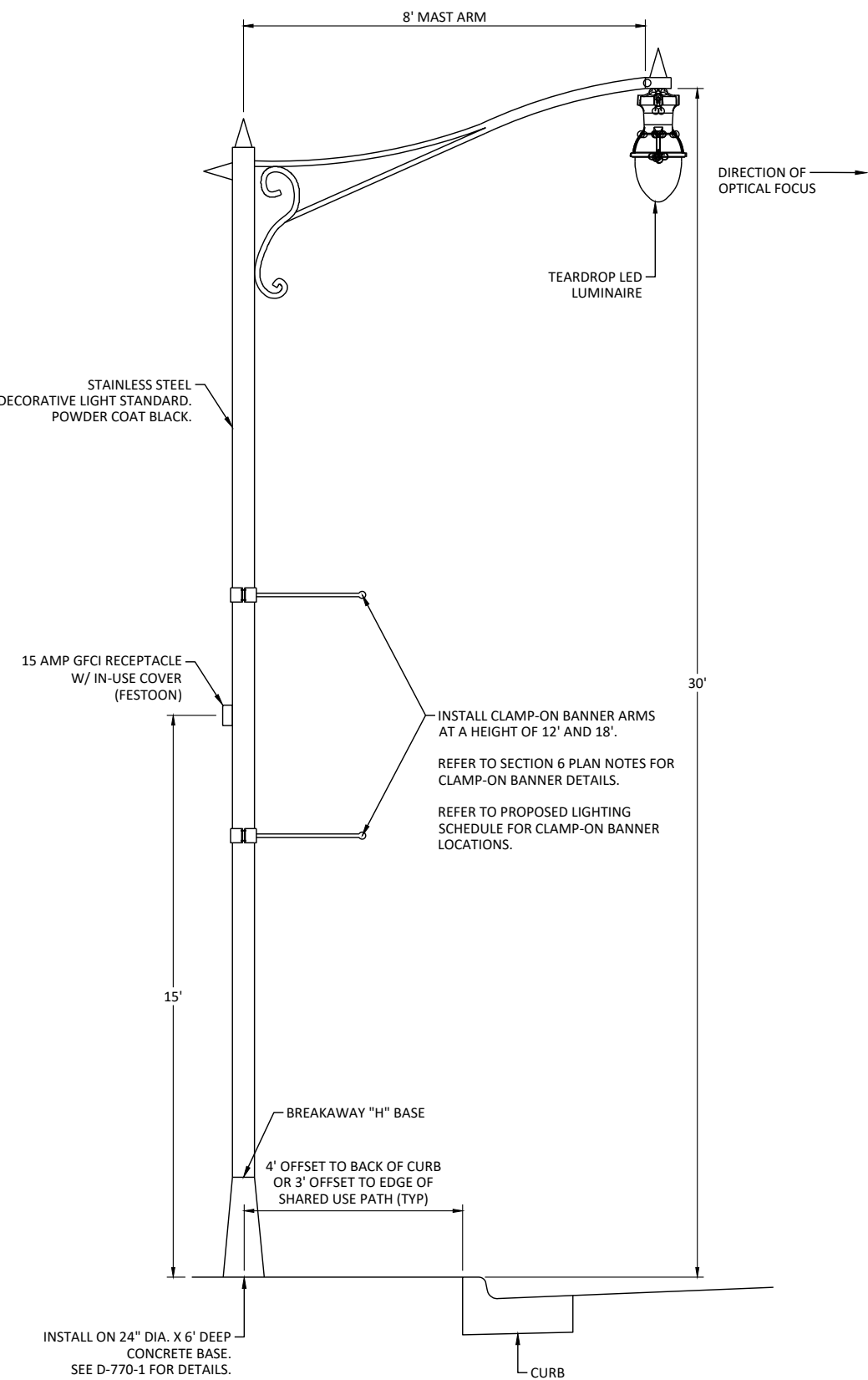


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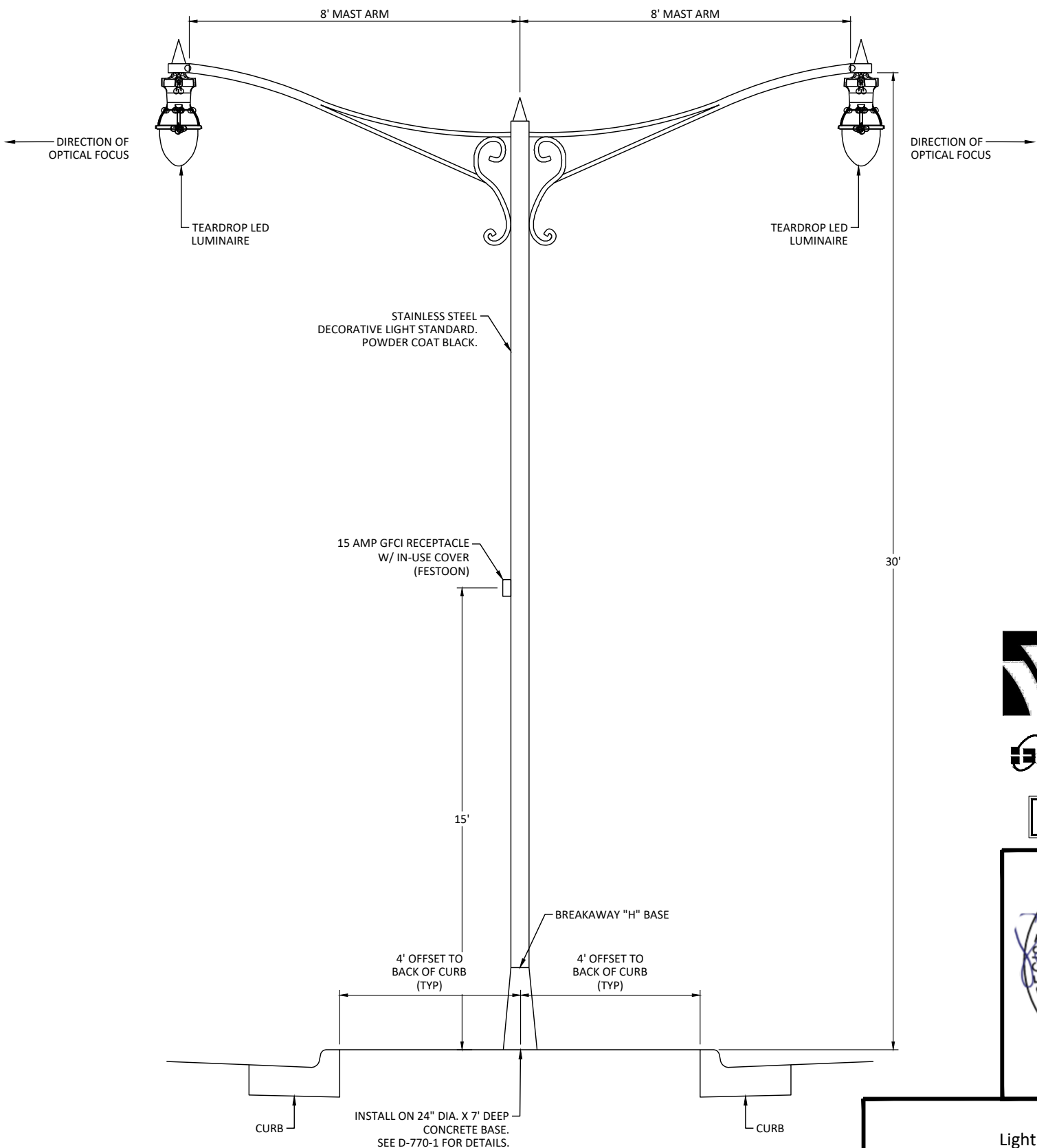
Proposed Lighting

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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30' DECORATIVE LIGHT DETAIL - SINGLE MAST ARM
NOT TO SCALE



30' DECORATIVE LIGHT DETAIL - TWIN MAST ARM
NOT TO SCALE



ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)



11/11/2025

Lighting Details

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	140	21

EXISTING LIGHTING SCHEDULE								
ITEM	STATION	OFFSET	REMOVE CONCRETE	LIGHT STANDARD		LUMINAIRE		
			FOUNDATION	SALVAGE	RESET	REMOVE	SALVAGE	RESET
EX-1	137+99	13' LT	1	1			1	
EX-2	145+45	67' LT	1	1			1	
EX-3	152+51	16' RT	1	1			1	
EX-4	153+64	99' RT	1	1			1	
EX-5	153+50	55' LT	1	1			1	
EX-6	309+96	25' LT	1	1			1	
EX-7	154+99	59' LT	1	1			1	
EX-8	156+37	9' LT	1	1			1	
EX-9	154+92	90' RT	1	1			1	
EX-10	315+26	16' LT	1	1			1	
EX-11	317+29	25' LT	1	1			1	
EX-12	207+13	28' LT	1	1			1	
EX-13	209+07	28' LT	1	1			1	
EX-14	210+60	27' LT	1	1			1	
EX-15	214+46	57' RT	1	1		1		
EX-16	223+57	80' RT	1	1		1		
EX-17	232+10	80' RT	1	1		1		
EX-18	237+59	20' LT	1	1	1		1	1
TOTAL			18	18	1	3	15	1

LIGHTING SYSTEM - QUANTITIES (A)																	
REMOVE CONCRETE FOUNDATION - LIGHT STANDARD	REMOVE/ABANDON CONDUIT AND CONDUCTOR	REMOVE LUMINAIRE	SALVAGE LIGHT STANDARD	SALVAGE LUMINAIRE	RESET LIGHT STANDARD	RESET LUMINAIRE	CONCRETE FOUNDATION - HIGHWAY LIGHTING	DECORATIVE LIGHT STANDARD (SINGLE MAST ARM-30' MTG HT)	DECORATIVE LIGHT STANDARD (TWIN MAST ARM-30' MTG HT)	DECORATIVE LED LUMINAIRE	2" DIA RIGID CONDUIT	UNDERGROUND CONDUCTOR NO. 2 TYPE RHW-USE	UNDERGROUND CONDUCTOR NO. 6 TYPE RHW-USE	UNDERGROUND CONDUCTOR NO. 6 TYPE THHN/THWN	FEED POINT - PAD MOUNTED	CONCRETE FOUNDATION-FEED POINT	PULL BOX
EA	LSUM	EA	EA	EA	EA	EA	EA	EA	EA	EA	LF	LF	LF	LF	EA	EA	EA
18	1	3	18	15	1	1	66	61	4	69	12,481	660	50,592	13,465	2	2	10

(A) QUANTITIES SHOWN FOR INFORMATIONAL PURPOSES ONLY. INCLUDE ALL COST TO PROVIDE A FULLY OPERATIONAL SYSTEM IN THE BID PRICE FOR "LIGHTING SYSTEM".

PROPOSED LIGHTING SCHEDULE							
ITEM	STATION	OFFSET	MTG.	MA	BANNER ARMS		
			HEIGHT	LENGTH	F&I	FACING	
PULL BOX 1	108+64.2	46.5' LT	-	-			
A1-4	108+64.2	26.9' RT	30'	8'	X	HOUSE SIDE	
A1-5	106+99.2	46.5' LT	30'	8'	X	ROAD SIDE	
A1-6	105+34.2	35.4' RT	30'	8'	X	HOUSE SIDE	
A1-7	103+77.5	52.4' LT	30'	8'	X	ROAD SIDE	
FEED POINT B	130+71.8	56.1' LT	-	-			
PULL BOX 4	208+37.9	46.2' LT	-	-			
PULL BOX 5	130+63.8	28.9' RT	-	-			
PULL BOX 6	128+60.6	109.8' RT	-	-			
PULL BOX 7	134+20.9	23.0' RT	-	-			
PULL BOX 8	136+99.4	23.0' RT	-	-			
PULL BOX 9	139+76.0	60.3' RT	-	-			
PULL BOX 10	142+48.4	62.0' RT	-	-			
B1-1	130+53.0	58.1' LT	30'	8'			
B1-2	129+89.1	118.2' LT	30'	8'			
B1-3	206+88.1	26.5' LT	30'	8'			
B1-4	208+36.7	19.7' RT	30'	8'			
B1-5	128+07.6	72.3' LT	30'	8'			
B2-1	128+39.3	55.5' RT	30'	8'			
B2-2	127+66.1	14.5' RT	30'	8'			
B2-3	126+57.4	19.2' RT	30'	8'			
B2-4	212+37.4	37.4' RT	30'	8'			
B2-5	215+37.4	39.5' RT	30'	8'			
B2-6	218+37.4	39.5' RT	30'	8'			
B2-7	221+37.4	39.5' RT	30'	8'			
B2-8	224+37.4	39.5' RT	30'	8'			
B2-9	227+52.4	39.5' RT	30'	8'			
B2-10	230+62.4	39.5' RT	30'	8'			
B2-11	233+77.4	39.5' RT	30'	8'			
B3-1	129+88.2	51.8' RT	30'	8'			
B3-2	211+39.5	33.3' LT	30'	8'			
B3-3	213+87.4	25.5' LT	30'	8'			
B3-4	216+87.4	25.5' LT	30'	8'			
B3-5	219+87.4	25.5' LT	30'	8'			
B3-6	222+87.4	25.5' LT	30'	8'			
B3-7	226+02.4	25.5' LT	30'	8'			
B3-8	229+12.4	25.5' LT	30'	8'			
B3-9	232+12.4	25.5' LT	30'	8'			
B3-10	235+42.4	25.5' LT	30'	8'			
B4-1	131+41.8	25.5' RT	30'	8'			
B4-2	132+98.2	25.5' RT	30'	8' TWIN			
B4-3	134+20.9	52.5' RT	30'	8'			
B4-4	135+68.2	52.5' RT	30'	8'			
B4-5	136+93.2	52.5' RT	30'	8'			
B4-6	138+32.5	25.5' RT	30'	8' TWIN			
B4-7	139+63.4	25.5' RT	30'	8' TWIN			
B4-8	141+39.8	51.5' RT	30'	8'			
B4-9	142+67.7	25.5' RT	30'	8' TWIN			
B4-10	143+93.8	25.5' RT	30'	8'			
B4-11	145+20.3	31.8' RT	30'	8'			

PROPOSED LIGHTING SCHEDULE							
ITEM	STATION	OFFSET	MTG.	MA	BANNER ARMS		
			HEIGHT	LENGTH	F&I	FACING	
FEED POINT C	155+34.2	65.5' LT	-	-			
PULL BOX 11	311+58.3	44.1' LT	-	-			
PULL BOX 12	315+60.3	31.4' LT	-	-			
C1-1	155+53.1	60.3' RT	30'	8'			
C1-2	154+70.3	136.7' RT	30'	8'			
C1-3	316+58.5	36.1' LT	30'	8'			
C1-4	317+88.5	34.3' LT	30'	8'			
C1-5	315+65.6	37.4' RT	30'	8'			
C1-6	153+57.8	123.2' RT	30'	8'			
C1-7	152+83.1	41.3' RT	30'	8'			
C1-8	151+46.2	29.5' RT	30'	8'			
C1-9	149+97.0	25.5' RT	30'	8'			
C1-10	148+32.0	25.5' RT	30'	8'			
C1-11	146+67.0	25.5' RT	30'	8'			
C2-1	312+26.9	75.0' LT	30'	8'			
C2-2	310+76.4	36.3' LT	30'	8'			
C2-3	309+46.4	31.5' LT	30'	8'			
C2-4	311+75.0	33.9' RT	30'	8'			
C2-5	153+00.9	60.1' LT	30'	8'			
C3-1	156+03.6	29.9' LT	30'	8'			
C3-2	157+33.6	30.4' LT	30'	8'			
C3-3	158+97.9	28.2' LT	30'	8'			
L1	137+87.7	79.4' LT	30'	8'			
L2	145+45.4	71.2' LT	30'	8'			
L3	214+93.4	69.9' RT	30'	8'			
L4	223+57.7	74.6' RT	30'	8'			
L5	232+10.6	70.8' RT	30'	8'			
EX-18	237+41.3	24.3' LT	EX. (30')	EX. (TENON)			



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



11/11/2025

Lighting Tables

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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CONDUIT AND CONDUCTOR SCHEDULE					
ITEM	CIRCUIT	CONDUIT RUN		CONDUCTOR RUN	
		TOTAL	SIZE (IN)	TOTAL	TYPE
STA 109+00 TO PULL BOX 1	A1	35	2	76	(2) NO. 6 RHW-USE (LIGHTING)
PULL BOX 1 TO A1-4				76	(2) NO. 6 RHW-USE (FESTOON)
A1-4 TO A1-6				38	(1) NO. 6 THHN/THWN (EGC)
PULL BOX 1 TO A1-5		75	2	164	(2) NO. 6 RHW-USE (LIGHTING)
A1-5 TO A1-7				164	(2) NO. 6 RHW-USE (FESTOON)
FEED POINT B TO SOP				82	(1) NO. 6 THHN/THWN (EGC)
FEED POINT B TO B1-1	B1	330	2	676	(2) NO. 6 RHW-USE (LIGHTING)
B1-1 TO B1-2				676	(2) NO. 6 RHW-USE (FESTOON)
B1-2 TO PULL BOX 4				338	(1) NO. 6 THHN/THWN (EGC)
PULL BOX 4 TO B1-3		165	2	344	(2) NO. 6 RHW-USE (LIGHTING)
PULL BOX 4 TO B1-4				344	(2) NO. 6 RHW-USE (FESTOON)
B1-4 TO B1-5				172	(1) NO. 6 THHN/THWN (EGC)
FEED POINT B TO PULL BOX 5	B2	320	2	656	(2) NO. 6 RHW-USE (LIGHTING)
PULL BOX 5 TO PULL BOX 6				656	(2) NO. 6 RHW-USE (FESTOON)
PULL BOX 6 TO B2-1				328	(1) NO. 6 THHN/THWN (EGC)
B2-1 TO B2-2		100	2	465	(3) No. 2 RHW-USE (SERVICE)
B2-2 TO B2-3					
PULL BOX 6 TO B2-4					
B2-4 TO B2-5	B2	20	2	68	(2) NO. 6 RHW-USE (LIGHTING)
B2-5 TO B2-6				68	(2) NO. 6 RHW-USE (FESTOON)
B2-6 TO B2-7				34	(1) NO. 6 THHN/THWN (EGC)
B2-7 TO B2-8		90	2	196	(2) NO. 6 RHW-USE (LIGHTING)
				196	(2) NO. 6 RHW-USE (FESTOON)
				98	(1) NO. 6 THHN/THWN (EGC)
	B1	60	2	268	(4) NO. 6 RHW-USE (LIGHTING)
				268	(4) NO. 6 RHW-USE (FESTOON)
				134	(2) NO. 6 THHN/THWN (EGC)
		150	2	314	(2) NO. 6 RHW-USE (LIGHTING)
				314	(2) NO. 6 RHW-USE (FESTOON)
				157	(1) NO. 6 THHN/THWN (EGC)
	B2	65	2	144	(2) NO. 6 RHW-USE (LIGHTING)
				144	(2) NO. 6 RHW-USE (FESTOON)
				72	(1) NO. 6 THHN/THWN (EGC)
		120	2	256	(2) NO. 6 RHW-USE (LIGHTING)
				256	(2) NO. 6 RHW-USE (FESTOON)
				128	(1) NO. 6 THHN/THWN (EGC)
	B2	85	2	196	(2) NO. 6 RHW-USE (LIGHTING)
				196	(2) NO. 6 RHW-USE (FESTOON)
				98	(1) NO. 6 THHN/THWN (EGC)
		240	2	492	(2) NO. 6 RHW-USE (LIGHTING)
				492	(2) NO. 6 RHW-USE (FESTOON)
				246	(1) NO. 6 THHN/THWN (EGC)
	B2	60	2	268	(4) NO. 6 RHW-USE (LIGHTING)
				268	(4) NO. 6 RHW-USE (FESTOON)
				134	(2) NO. 6 THHN/THWN (EGC)
		85	2	186	(2) NO. 6 RHW-USE (LIGHTING)
				186	(2) NO. 6 RHW-USE (FESTOON)
				93	(1) NO. 6 THHN/THWN (EGC)
	B2	110	2	236	(2) NO. 6 RHW-USE (LIGHTING)
				236	(2) NO. 6 RHW-USE (FESTOON)
				118	(1) NO. 6 THHN/THWN (EGC)
		130	2	274	(2) NO. 6 RHW-USE (LIGHTING)
				274	(2) NO. 6 RHW-USE (FESTOON)
				137	(1) NO. 6 THHN/THWN (EGC)
	B2	300	2	616	(2) NO. 6 RHW-USE (LIGHTING)
				616	(2) NO. 6 RHW-USE (FESTOON)
				308	(1) NO. 6 THHN/THWN (EGC)
		300	2	616	(2) NO. 6 RHW-USE (LIGHTING)
				616	(2) NO. 6 RHW-USE (FESTOON)
				308	(1) NO. 6 THHN/THWN (EGC)
	B2	300	2	616	(2) NO. 6 RHW-USE (LIGHTING)
				616	(2) NO. 6 RHW-USE (FESTOON)
				308	(1) NO. 6 THHN/THWN (EGC)
		300	2	616	(2) NO. 6 RHW-USE (LIGHTING)
				616	(2) NO. 6 RHW-USE (FESTOON)
				308	(1) NO. 6 THHN/THWN (EGC)

CONDUIT AND CONDUCTOR SCHEDULE					
ITEM	CIRCUIT	CONDUIT RUN		CONDUCTOR RUN	
		TOTAL	SIZE (IN)	TOTAL	TYPE
B2-8 TO B2-9	B2	315	2	646	(2) NO. 6 RHW-USE (LIGHTING)
B2-9 TO B2-10				646	(2) NO. 6 RHW-USE (FESTOON)
B2-10 TO B2-11				323	(1) NO. 6 THHN/THWN (EGC)
FEED POINT B TO PULL BOX 5		310	2	636	(2) NO. 6 RHW-USE (LIGHTING)
PULL BOX 5 TO B3-1				636	(2) NO. 6 RHW-USE (FESTOON)
B3-1 TO B3-2				318	(1) NO. 6 THHN/THWN (EGC)
B3-2 TO B3-3	B3	315	2	646	(2) NO. 6 RHW-USE (LIGHTING)
B3-3 TO B3-4				646	(2) NO. 6 RHW-USE (FESTOON)
B3-4 TO B3-5				323	(1) NO. 6 THHN/THWN (EGC)
B3-5 TO B3-6		85	2	196	(2) NO. 6 RHW-USE (LIGHTING)
B3-6 TO B3-7				196	(2) NO. 6 RHW-USE (FESTOON)
B3-7 TO B3-8				98	(1) NO. 6 THHN/THWN (EGC)
B3-8 TO B3-9	B3	80	2	174	(2) NO. 6 RHW-USE (LIGHTING)
B3-9 TO B3-10				174	(2) NO. 6 RHW-USE (FESTOON)
FEED POINT B TO PULL BOX 5				87	(1) NO. 6 THHN/THWN (EGC)
PULL BOX 5 TO B4-1		110	2	236	(2) NO. 6 RHW-USE (LIGHTING)
B4-1 TO B4-2				236	(2) NO. 6 RHW-USE (FESTOON)
B4-2 TO PULL BOX 7				118	(1) NO. 6 THHN/THWN (EGC)
PULL BOX 7 TO B4-3	B4	250	2	516	(2) NO. 6 RHW-USE (LIGHTING)
B4-3 TO B4-4				516	(2) NO. 6 RHW-USE (FESTOON)
B4-4 TO B4-5				258	(1) NO. 6 THHN/THWN (EGC)
		300	2	616	(2) NO. 6 RHW-USE (LIGHTING)
				616	(2) NO. 6 RHW-USE (FESTOON)
				308	(1) NO. 6 THHN/THWN (EGC)
	B4	300	2	616	(2) NO. 6 RHW-USE (LIGHTING)
				616	(2) NO. 6 RHW-USE (FESTOON)
				308	(1) NO. 6 THHN/THWN (EGC)
		300	2	616	(2) NO. 6 RHW-USE (LIGHTING)
				616	(2) NO. 6 RHW-USE (FESTOON)
				308	(1) NO. 6 THHN/THWN (EGC)
	B4	315	2	646	(2) NO. 6 RHW-USE (LIGHTING)
				646	(2) NO. 6 RHW-USE (FESTOON)
				323	(1) NO. 6 THHN/THWN (EGC)
		310	2	636	(2) NO. 6 RHW-USE (LIGHTING)
				636	(2) NO. 6 RHW-USE (FESTOON)
				318	(1) NO. 6 THHN/THWN (EGC)
	B4	300	2	616	(2) NO. 6 RHW-USE (LIGHTING)
				616	(2) NO. 6 RHW-USE (FESTOON)
				308	(1) NO. 6 THHN/THWN (EGC)
		330	2	676	(2) NO. 6 RHW-USE (LIGHTING)
				676	(2) NO. 6 RHW-USE (FESTOON)
				338	(1) NO. 6 THHN/THWN (EGC)
	B4	85	2	196	(2) NO. 6 RHW-USE (LIGHTING)
				196	(2) NO. 6 RHW-USE (FESTOON)
				98	(1) NO. 6 THHN/THWN (EGC)
		80	2	174	(2) NO. 6 RHW-USE (LIGHTING)
				174	(2) NO. 6 RHW-USE (FESTOON)
				87	(1) NO. 6 THHN/THWN (EGC)
	B4	155	2	326	(2) NO. 6 RHW-USE (LIGHTING)
				326	(2) NO. 6 RHW-USE (FESTOON)
				163	(1) NO. 6 THHN/THWN (EGC)
		125	2	264	(2) NO. 6 RHW-USE (LIGHTING)
				264	(2) NO. 6 RHW-USE (FESTOON)
				132	(1) NO. 6 THHN/THWN (EGC)
	B4	30	2	74	(2) NO. 6 RHW-USE (LIGHTING)
				74	(2) NO. 6 RHW-USE (FESTOON)
				37	(1) NO. 6 THHN/THWN (EGC)
		145	2	306	(2) NO. 6 RHW-USE (LIGHTING)
				306	(2) NO. 6 RHW-USE (FESTOON)
				153	(1) NO. 6 THHN/THWN (EGC)
	B4	125	2	266	(2) NO. 6 RHW-USE (LIGHTING)
				266	(2) NO. 6 RHW-USE (FESTOON)
				133	(1) NO. 6 THHN/THWN (EGC)

CONDUIT AND CONDUCTOR SCHEDULE					
ITEM	CIRCUIT	CONDUIT RUN		CONDUCTOR RUN	
		TOTAL	SIZE (IN)	TOTAL	TYPE
B4-5 TO PULL BOX 8	B4	30	2	74	(2) NO. 6 RHW-USE (LIGHTING)
PULL BOX 8 TO B4-6				74	(2) NO. 6 RHW-USE (FESTOON)
B4-6 TO B4-7				37	(1) NO. 6 THHN/THWN (EGC)
B4-7 TO PULL BOX 9		135	2	284	(2) NO. 6 RHW-USE (LIGHTING)
PULL BOX 9 TO B4-8				284	(2) NO. 6 RHW-USE (FESTOON)
B4-8 TO PULL BOX 10				142	(1) NO. 6 THHN/THWN (EGC)
PULL BOX 10 TO B4-9	B4	130	2	276	(2) NO. 6 RHW-USE (LIGHTING)
B4-9 TO B4-10				276	(2) NO. 6 RHW-USE (FESTOON)
B4-10 TO B4-11				138	(1) NO. 6 THHN/THWN (EGC)
		40	2	94	(2) NO. 6 RHW-USE (LIGHTING)
				94	(2) NO. 6 RHW-USE (FESTOON)
				47	(1) NO. 6 THHN/THWN (EGC)
	B4	165	2	344	(2) NO. 6 RHW-USE (LIGHTING)
				344	(2) NO. 6 RHW-USE (FESTOON)
				172	(1) NO. 6 THHN/THWN (EGC)
		110	2	234	(2) NO. 6 RHW-USE (LIGHTING)
				234	(2) NO. 6 RHW-USE (FESTOON)
				117	(1) NO. 6 THHN/THWN (EGC)
	B4	40	2	94	(2) NO. 6 RHW-USE (LIGHTING)
				94	(2) NO. 6 RHW-USE (FESTOON)
				47	(1) NO. 6 THHN/THWN (EGC)
		125	2	266	(2) NO. 6 RHW-USE (LIGHTING)
				266	(2) NO. 6 RHW-USE (FESTOON)
				133	(1) NO. 6 THHN/THWN (EGC)
	B4	130	2	276	(2) NO. 6 RHW-USE (LIGHTING)
				276	(2) NO. 6 RHW-USE (FESTOON)
				138	(1) NO. 6 THHN/THWN (EGC)



ALL ELEVATIONS ARE BASED ON
THE U.S.G.S. VERTICAL DATUM OF 1988.
(UNLESS NOTED OTHERWISE)



11/11/2025

Lighting Tables

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CONDUIT AND CONDUCTOR SCHEDULE					
ITEM	CIRCUIT	CONDUIT RUN		CONDUCTOR RUN	
		TOTAL	SIZE (IN)	TOTAL	TYPE
FEED POINT C TO SOP	N/A	20	2	195	(3) NO. 2 RHW-USE (SERVICE)
FEED POINT C TO C1-1	C1	130	2	288 288 144	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C1-1 TO C1-2		115	2	246 246 123	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C1-2 TO PULL BOX 12		105	2	448 448 224	(4) NO. 6 RHW-USE (LIGHTING) (4) NO. 6 RHW-USE (FESTOON) (2) NO. 6 THHN/THWN (EGC)
PULL BOX 12 TO C1-3		100	2	214 214 107	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C1-3 TO C1-4		131	2	278 278 139	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
PULL BOX 12 TO C1-5		70	2	154 154 77	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C1-5 TO C1-6		125	2	266 266 133	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C1-6 TO C1-7		115	2	246 246 123	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C1-7 TO C1-8		140	2	296 296 148	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C1-8 TO C1-9		150	2	316 316 158	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C1-9 TO C1-10		165	2	346 346 173	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C1-10 TO C1-11		165	2	346 346 173	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)

CONDUIT AND CONDUCTOR SCHEDULE					
ITEM	CIRCUIT	CONDUIT RUN		CONDUCTOR RUN	
		TOTAL	SIZE (IN)	TOTAL	TYPE
FEED POINT C TO C2-1	C2	40	2	108 108 54	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C2-1 TO PULL BOX 11		80	2	348 348 174	(4) NO. 6 RHW-USE (LIGHTING) (4) NO. 6 RHW-USE (FESTOON) (2) NO. 6 THHN/THWN (EGC)
PULL BOX 11 TO C2-2		85	2	184 184 92	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C2-2 TO C2-3		130	2	276 276 138	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
PULL BOX 11 TO C2-4		80	2	174 174 87	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C2-4 TO C2-5		135	2	286 286 143	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
FEED POINT C TO C3-1	C3	85	2	198 198 99	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C3-1 TO C3-2		130	2	276 276 138	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
C3-2 TO C3-3		165	2	346 346 173	(2) NO. 6 RHW-USE (LIGHTING) (2) NO. 6 RHW-USE (FESTOON) (1) NO. 6 THHN/THWN (EGC)
L1 TO EX LIGHT-WEST	N/A	265	2	546 273	(2) NO. 6 RHW-USE (LIGHTING) (1) NO. 6 THHN/THWN (EGC)
L2 TO EX LIGHT-WEST	N/A	230	2	476 238	(2) NO. 6 RHW-USE (LIGHTING) (1) NO. 6 THHN/THWN (EGC)
L3 TO EX LIGHT-SOUTH	N/A	235	2	486 243	(2) NO. 6 RHW-USE (LIGHTING) (1) NO. 6 THHN/THWN (EGC)
L4 TO EX LIGHT-SOUTH	N/A	115	2	246 123	(2) NO. 6 RHW-USE (LIGHTING) (1) NO. 6 THHN/THWN (EGC)
L5 TO EX LIGHT-SOUTH	N/A	230	2	476 238	(2) NO. 6 RHW-USE (LIGHTING) (1) NO. 6 THHN/THWN (EGC)
EX-18 TO EX LIGHT-EAST	N/A	235	2	486 243	(2) NO. 6 RHW-USE (LIGHTING) (1) NO. 6 THHN/THWN (EGC)

	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	140	23




ALL ELEVATIONS ARE BASED ON THE U.S.G.S. VERTICAL DATUM OF 1988. (UNLESS NOTED OTHERWISE)


11/11/2025

Lighting Tables

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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LIGHTING EQUIPMENT WITHIN THE EXCEPTION AREA
SHOWN FOR INFORMATIONAL PURPOSES ONLY. TO
BE INSTALLED BY OTHERS AND SUBJECT TO CHANGE.

STATE

PROJECT NO.

SECTION
NO.

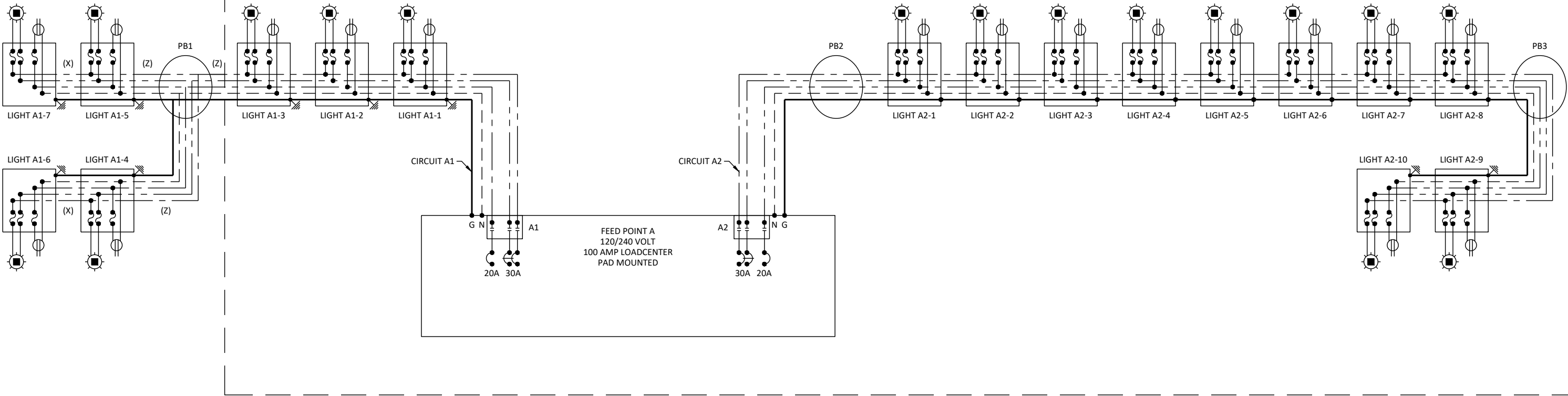
SHEET
NO.

ND

TMA-SU-FXP-8-992(045)

140

24



WIRING DIAGRAM LEGEND

- | | |
|-----|---|
| | LED LUMINAIRE, 240V, SEE PLAN NOTES |
| | FESTOON, 120V, SEE PLAN NOTES |
| | LIGHT STANDARD, SEE LIGHTING SCHEDULE TABLES AND PLAN NOTES |
| | PULL BOX |
| | GROUND ROD |
| | IN-LINE FUSE HOLDER, BREAKAWAY TYPE WITH TYPE FNM 10 AMP FUSE |
| | PHASE A CONDUCTOR |
| | PHASE B CONDUCTOR |
| | NEUTRAL CONDUCTOR |
| | EQUIPMENT GROUND CONDUCTOR |
| (X) | (4) - NO. 6 RHW-USE, (1) - NO. 6 THHN/THWN |
| (Y) | (8) - NO. 6 RHW-USE, (2) - NO. 6 THHN/THWN |
| (Z) | EMPTY CONDUIT |

NOTES:

- GROUND ALL LUMINAIRES AND FESTOONS.
- FURNISH AND INSTALL CONDUIT AND CONDUCTOR AS SHOWN IN THE LIGHTING SCHEDULE TABLES.
- NO SPLICES ARE ALLOWED IN PULL BOXES UNLESS APPROVED BY THE ENGINEER.



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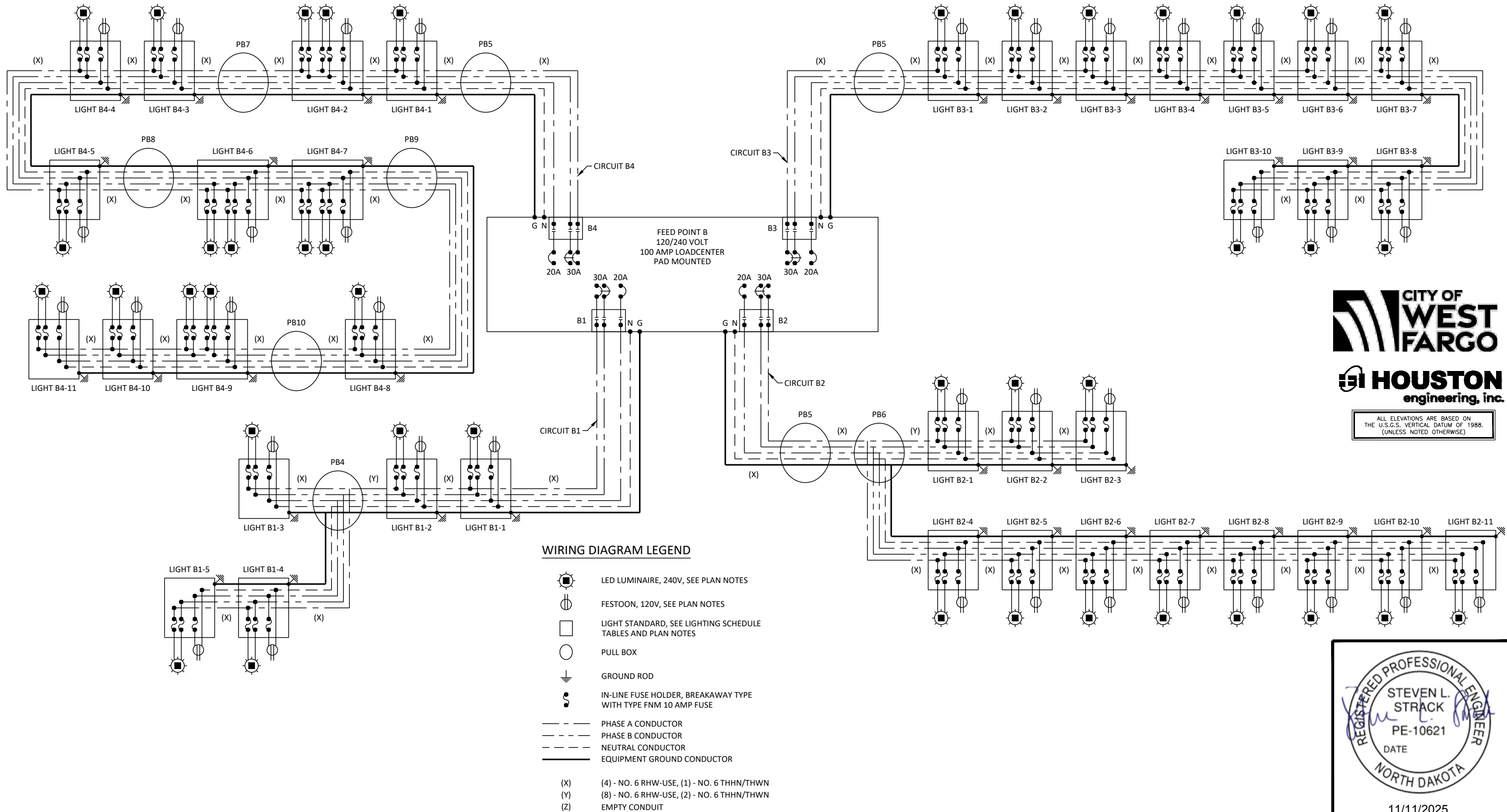
11/11/2025

Wiring Diagram - Feed Point A

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	140	25



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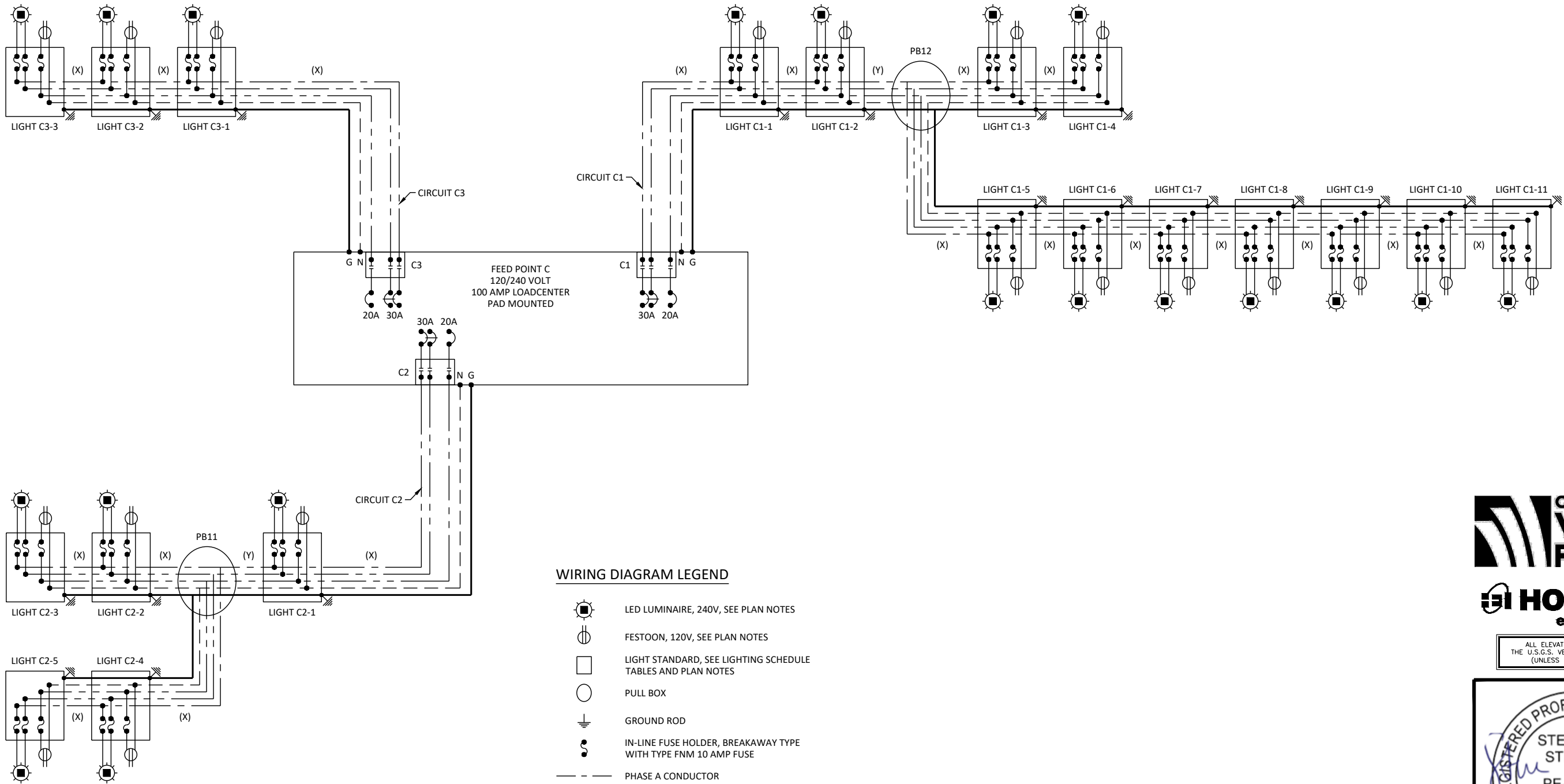
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Wiring Diagram - Feed Point B

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	140	26



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11/11/2025

Wiring Diagram - Feed Point C

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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GENERAL NOTES:

- EXISTING TRAFFIC SIGNAL SYSTEM EQUIPMENT, CONDUIT, AND CABLES TO REMAIN IN PLACE UNLESS SPECIFIED OTHERWISE.
- INSTALL NEW TRAFFIC SIGNAL CABLES CONTINUOUS WITHOUT SPLICE FROM THE TRAFFIC SIGNAL CABINET TO RELOCATED EQUIPMENT.
- TRAFFIC SIGNAL SYSTEM REVISIONS ASSUME NEW CABLE WILL BE NECESSARY TO ACCOMMODATE RELOCATIONS. IF EXISTING TRAFFIC SIGNAL CABLES ARE OF SUFFICIENT LENGTH, THEY MAY BE USED TO EXTEND INTO RELOCATED ITEMS AT THE DISCRETION OF THE ENGINEER.

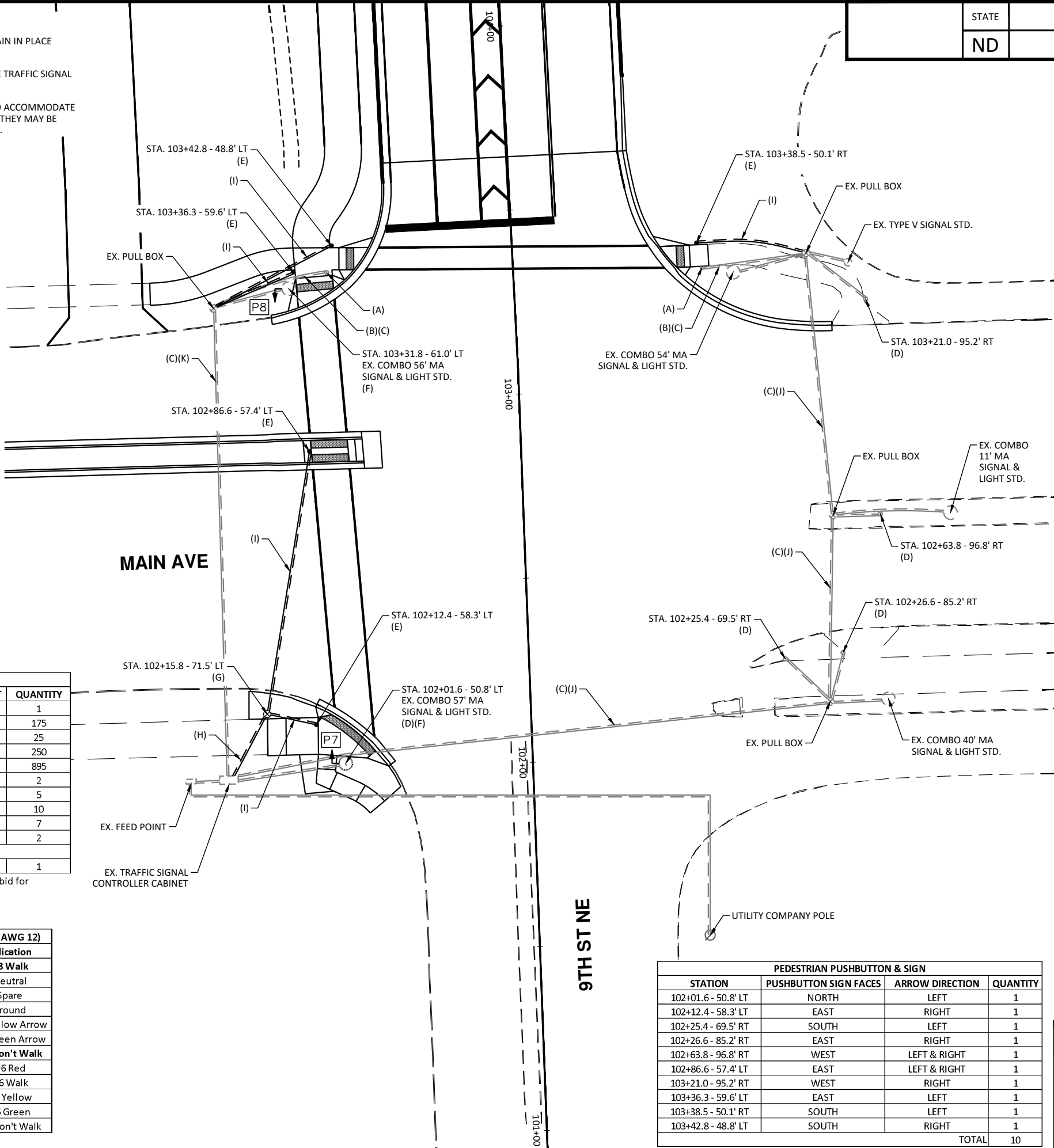
SPECIFIC NOTES:

- (A) REMOVE PUSHBUTTON & POST
- (B) ABANDON 1" CONDUIT
- (C) REMOVE 1 - NO. 16 AWG 2 CABLE (PUSHBUTTON)
- (D) REMOVE PUSHBUTTON
F&I APS PUSHBUTTON
- (E) F&I APS PUSHBUTTON & POST
- (F) F&I PEDESTRIAN COUNTDOWN SIGNAL HEAD
- (G) F&I PULL BOX
- (H) F&I 2" CONDUIT
F&I 2 - NO. 16 AWG 2 CABLE (PUSHBUTTON)
F&I 1 - 1/C NO. 14 TYPE THW (TRACER WIRE)
- (I) F&I 1" CONDUIT
F&I 1 - NO. 16 AWG 2 CABLE (PUSHBUTTON)
F&I 1 - 1/C NO. 14 TYPE THW (TRACER WIRE)
- (J) INPLACE CONDUIT
F&I 1 - NO. 16 AWG 2 CABLE (PUSHBUTTON)
- (K) INPLACE CONDUIT
F&I 2 - NO. 16 AWG 2 CABLE (PUSHBUTTON)

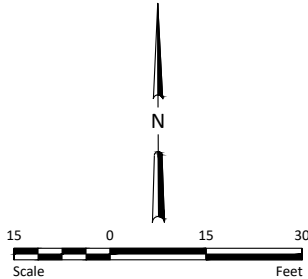
SIGNAL QUANTITIES (A)				
SPEC	CODE	ITEM DESCRIPTION	UNIT	QUANTITY
772	0100	PULLBOX	EA	1
772	0200	1IN DIAMETER RIDID CONDUIT	LF	175
772	0240	2IN DIAMETER RIGID CONDUIT	LF	25
772	0314	UNDERGROUND CONDUCTOR NO 14 - TYPE THW	LF	250
772	0420	NO 16 AWG 2 CONDUCTOR CABLE	LF	895
772	2060	PEDESTRIAN COUNTDOWN SIGNAL HEAD-POST MTD	EA	2
772	2200	PEDESTRIAN PUSHBUTTON POST	EA	5
772	2215	PEDESTRIAN PUSHBUTTON & SIGN	EA	10
772	3147	REMOVE PEDESTRIAN PUSHBUTTON	EA	7
772		REMOVE PEDESTRIAN PUSHBUTTON POST	EA	2
772	2904	REVISE TRAFFIC SIGNAL SYSTEM	EA	1

(A) Quantities shown for informational purposes only. Include all costs in the price bid for "Revise Traffic Signal System".

Conductor			Ex Cable 1 (No. 12 AWG 12)		Ex Cable 2 (No. 12 AWG 12)	
Run	Base	Tracer	Head	Indication	Head	Indication
1	Black	Tracer	P7	Ø8 Walk	P8	Ø8 Walk
2	White			Neutral		Neutral
3	Red		1,2,3	Ø8 Red		Spare
4	Green			Ground		Ground
5	Orange		1,2,3	Ø8 Yellow	4	Ø1 Yellow Arrow
6	Blue		1,2,3	Ø8 Green	4	Ø1 Green Arrow
7	White	Black	P7	Ø8 Don't Walk	P8	Ø8 Don't Walk
8	Red	Black		Spare	4,5,6,7	Ø6 Red
9	Green	Black	P1	Ø2 Walk	P2	Ø6 Walk
10	Orange	Black		Spare	4,5,6,7	Ø6 Yellow
11	Blue	Black		Spare	4,5,6,7	Ø6 Green
12	Black	White	P1	Ø2 Don't Walk	P2	Ø6 Don't Walk



PEDESTRIAN PUSHBUTTON & SIGN			
STATION	PUSHBUTTON SIGN FACES	ARROW DIRECTION	QUANTITY
102+01.6 - 50.8' LT	NORTH	LEFT	1
102+12.4 - 58.3' LT	EAST	RIGHT	1
102+25.4 - 69.5' RT	SOUTH	LEFT	1
102+26.6 - 85.2' RT	EAST	RIGHT	1
102+63.8 - 96.8' RT	WEST	LEFT & RIGHT	1
102+86.6 - 57.4' LT	EAST	LEFT & RIGHT	1
103+21.0 - 95.2' RT	WEST	RIGHT	1
103+36.3 - 59.6' LT	EAST	LEFT	1
103+38.5 - 50.1' RT	SOUTH	LEFT	1
103+42.8 - 48.8' LT	SOUTH	RIGHT	1
TOTAL			10



HOUSTON
engineering, inc.

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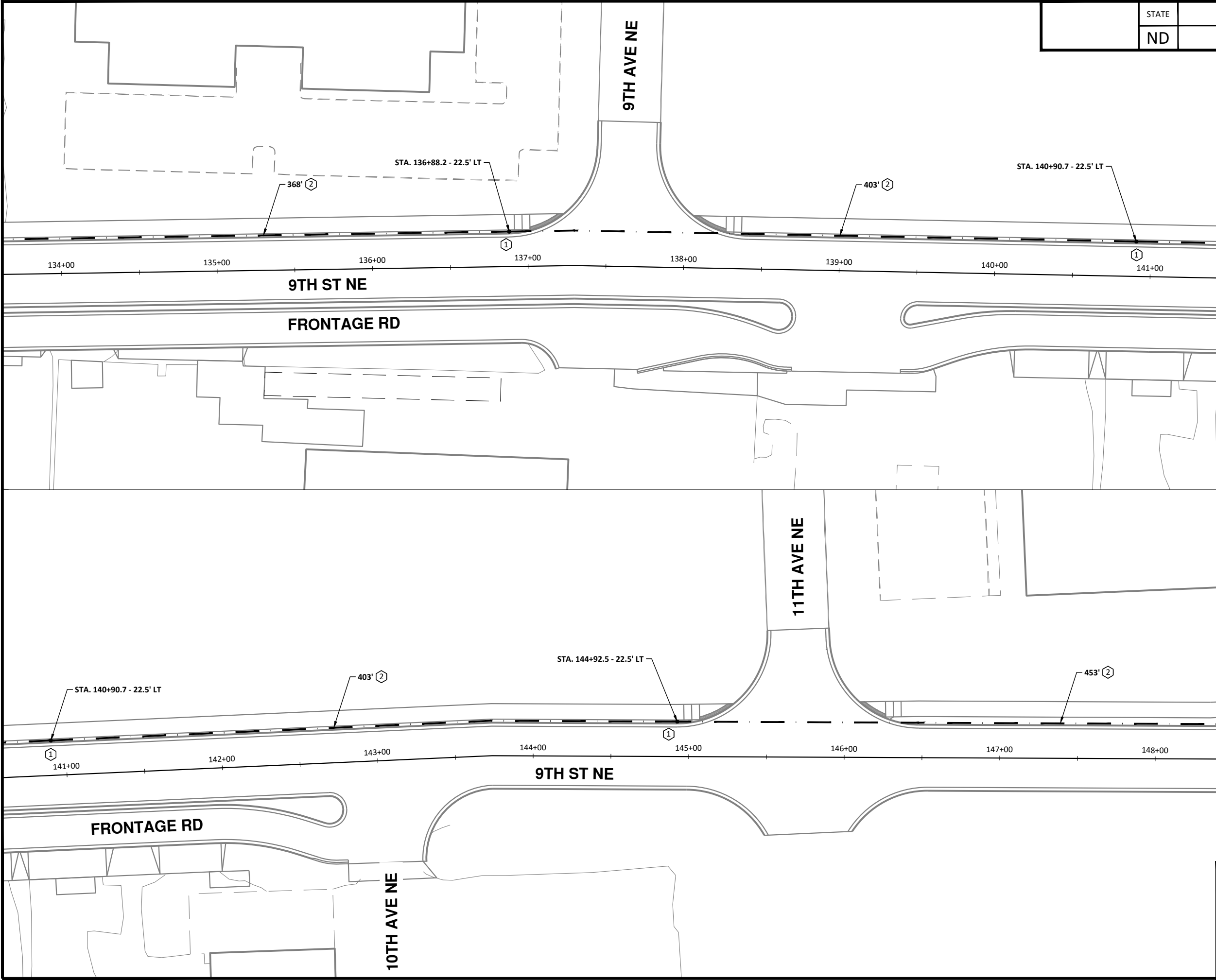


10/22/2025

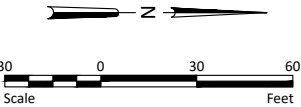
Proposed Traffic Signal

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

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	STATE	PROJECT NO.	SECTION NO.	SHEET NO.
	ND	TMA-SU-FXP-8-992(045)	160	2



LEGEND

- PULL BOX
(SEE SECTION 6 PLAN NOTES)
- 2 - 2" HDPE CONDUIT W/ PULL ROPE
AND TRACER WIRE
(SEE SECTION 6 PLAN NOTES)
- 1 F&I PULL BOX
- 2 F&I 2 - 2" HDPE CONDUIT W/ PULL ROPE
AND TRACER WIRE

NOTES:
1. INSTALL CONDUITS 1' BEHIND BACK OF CURB (TYP.).



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(UNLESS NOTED OTHERWISE)

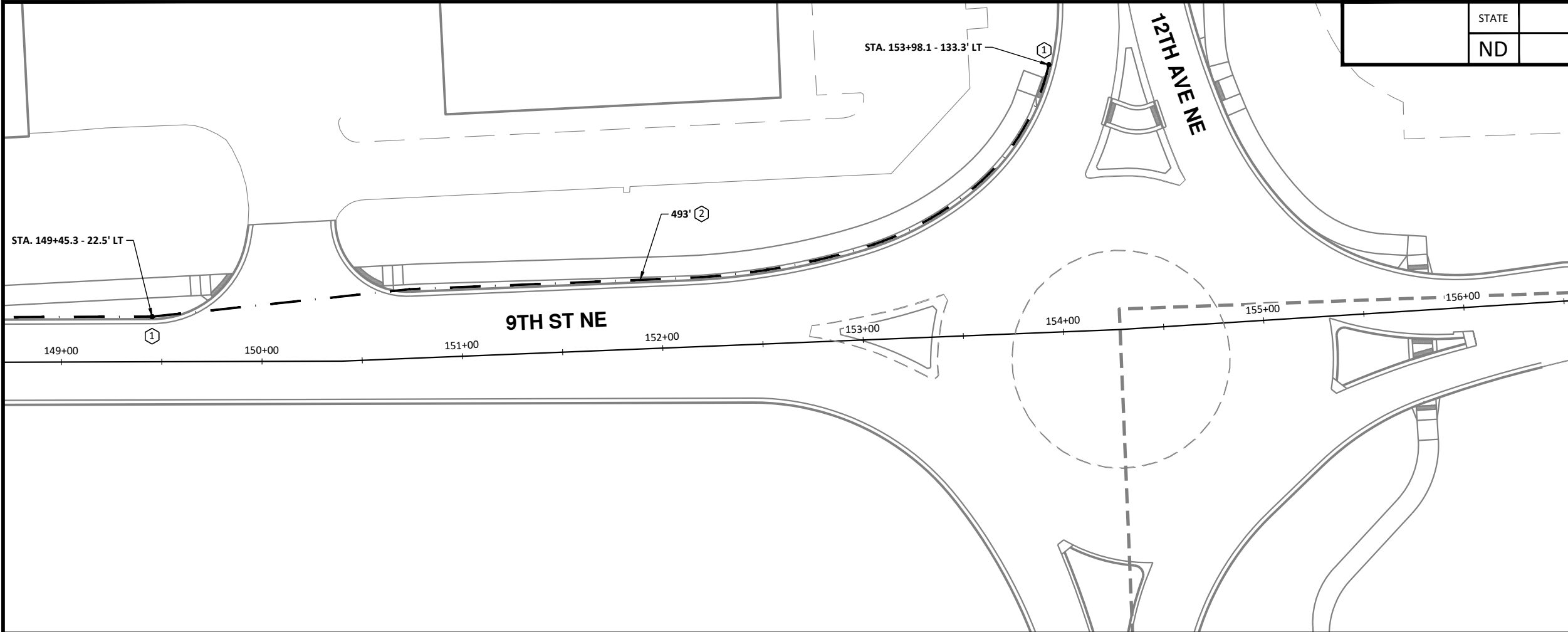


11/11/2025

ITS - Layout

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit

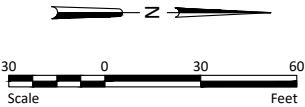
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IT SYSTEM - QUANTITIES (A)					
2" HDPE CONDUIT	PULL ROPE	TRACER WIRE	PULL BOX	IT SYSTEM	
LF	LF	LF	EA	EA	
6,828	7,268	3,634	12		1

(A) QUANTITIES SHOWN FOR INFORMATIONAL PURPOSES ONLY. INCLUDE ALL COST TO PROVIDE A FULLY OPERATIONAL SYSTEM IN THE BID PRICE FOR "IT SYSTEM".

STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	TMA-SU-FXP-8-992(045)	160	3



LEGEND

- PULL BOX (SEE SECTION 6 PLAN NOTES)
- 2 - 2" HDPE CONDUIT W/ PULL ROPE AND TRACER WIRE (SEE SECTION 6 PLAN NOTES)

- 1 F&I PULL BOX
- 2 F&I 2 - 2" HDPE CONDUIT W/ PULL ROPE AND TRACER WIRE

NOTES:
1. INSTALL CONDUITS 1' BEHIND BACK OF CURB (TYP.).



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11/11/2025

ITS - Layout

9th St NE from Main Ave to 12th Ave N
7th Ave NE from 9th St NE to City Limit