

**EXHIBIT B - DRAINAGE
OWNERSHIP AND MAINTENANCE
AGREEMENT 1052605
ANOKA COUNTY AND CITY OF RAMSEY
SHEET 1 OF 17**

LEGEND

MnDOT

BNSF RAILWAY

HIGH POINT
TH 10/169 WB
STA. 477+61.80
ELEV. 874.50

☉ TH 10/169 WB

205

12' THRU LANE (INP)
12' THRU LANE (INP)

12' THRU LANE
12' THRU LANE

470

475

12' THRU LANE (INP)
12' THRU LANE (INP)

MATCHLINE STA 479+00

TH 10/169 EB STA 471+94.34
BEGIN S.P. 0202-116,
S.P. 002-596-026

ALPACA
ST NW

☉ TH 10/169 EB

RIVERDALE DR NW

LEGEND

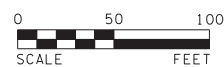
- | | | | |
|--------|-------------------------------------|-----|--|
| (XXXX) | DRAINAGE STRUCTURE NUMBER | ⊗ | RANDOM RIPRAP CL III |
| ◁ / ▷ | PROPOSED/INPLACE APRON | --- | EXISTING RIGHT-OF-WAY |
| ⊙ / ⊙ | PROPOSED/INPLACE DRAINAGE STRUCTURE | --- | PROPOSED RIGHT-OF-WAY |
| —> | PROPOSED STORM SEWER AND/OR CULVERT | --- | TEMPORARY EASEMENT |
| —> | INPLACE STORM SEWER AND/OR CULVERT | --- | CONSTRUCTION LIMITS |
| ==> | CASED STORM SEWER | --- | EXISTING EASEMENT |
| → | SURFACE FLOW DIRECTION | --- | PROPOSED EASEMENT |
| | | ① | CONNECT INTO EXISTING DRAINAGE STRUCTURE |
| | | ② | CONNECT TO EXISTING STORM SEWER |

STRUCTURES ON THIS SHEET			
STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
5313	412		
5314	412		

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John.Perkins
5/9/2023



12224 NICOLLET AVENUE
BURNSVILLE, MINNESOTA 55337
Phone: (952) 890-0509
Email: Burnsville@bolton-menk.com
www.bolton-menk.com

REV.	BY	DATE

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

JOHN L. PERKINS
LIC. NO. 56278 DATE 03-08-2023

DESIGNED NTS
DRAWN NTS
CHECKED JLP

S.P. 0202-116 (TH10), S.P. 002-596-026, S.P. 002-656-001,
S.P. 002-657-003, S.P. 199-113-003, S.P. 199-115-006

DRAINAGE PLAN

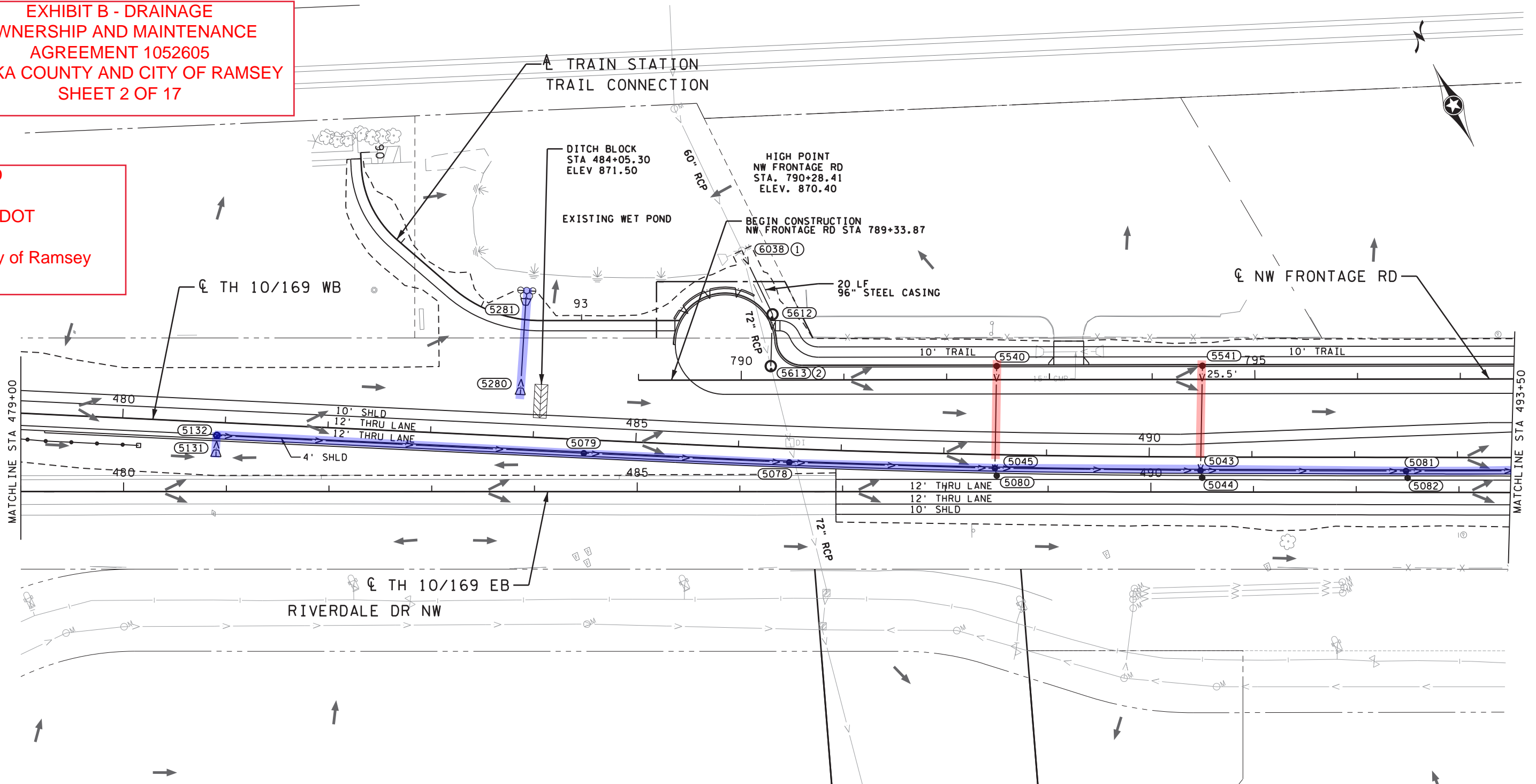
SHEET
347
OF
685

**EXHIBIT B - DRAINAGE
OWNERSHIP AND MAINTENANCE
AGREEMENT 1052605
ANOKA COUNTY AND CITY OF RAMSEY
SHEET 2 OF 17**

LEGEND

MnDOT

City of Ramsey



LEGEND

(XXXX)	DRAINAGE STRUCTURE NUMBER	⊗	RANDOM RIPRAP CL III
◁ / ▷	PROPOSED/INPLACE APRON	---	EXISTING RIGHT-OF-WAY
⊙ / ⊗	PROPOSED/INPLACE DRAINAGE STRUCTURE	---	PROPOSED RIGHT-OF-WAY
→	PROPOSED STORM SEWER AND/OR CULVERT	---	TEMPORARY EASEMENT
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→	CASED STORM SEWER	---	EXISTING EASEMENT
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①	CONNECT INTO EXISTING DRAINAGE STRUCTURE		
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STRUCTURES ON THIS SHEET			
STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
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5044	384	5280	381
5045	364	5281	381
5078	364	5540	384
5079	364	5541	384
5080	384	5612	374
5081	364	5613	374
5082	384	6038	374
5131	364		

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SCALE FEET

BOLTON & MENK

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DRAWN NTS		
CHECKED JLP		

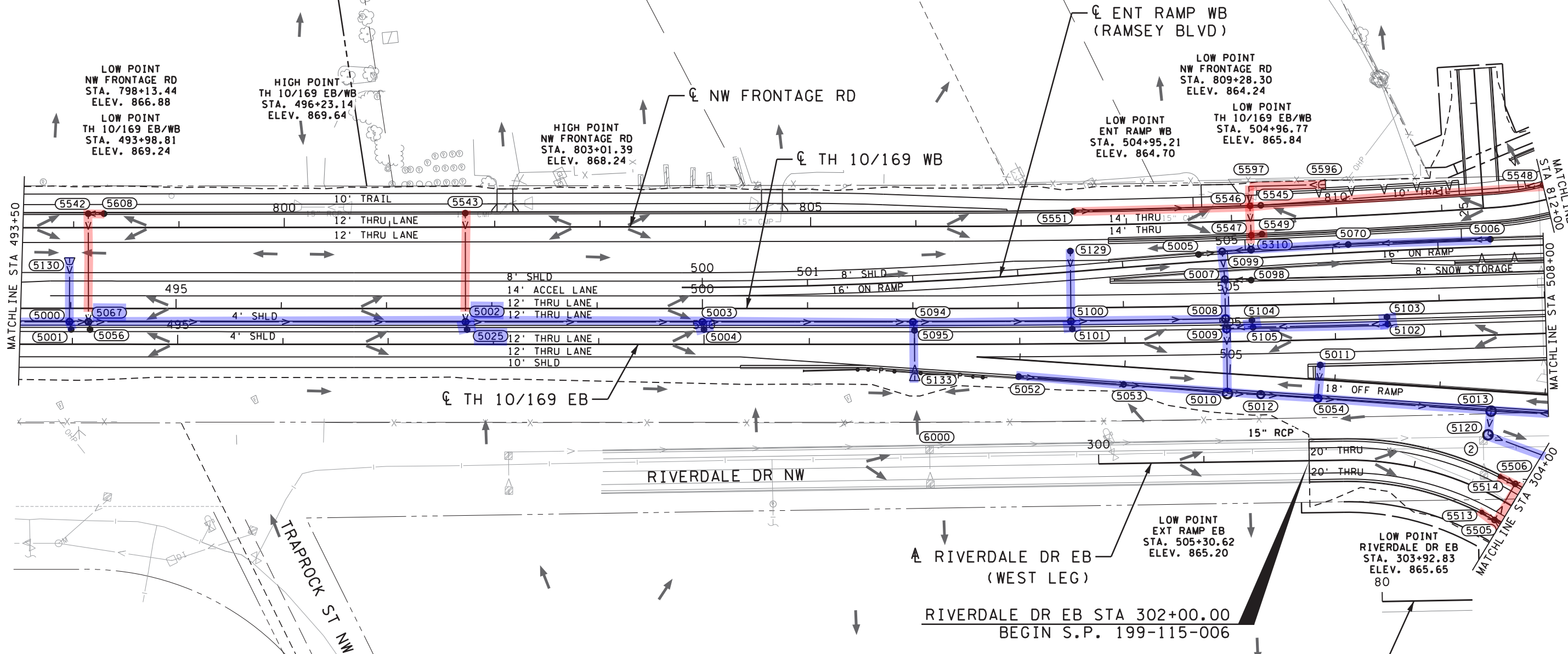
DRAINAGE PLAN

EXHIBIT B - DRAINAGE OWNERSHIP AND MAINTENANCE AGREEMENT 1052605 ANOKA COUNTY AND CITY OF RAMSEY SHEET 3 OF 17

LEGEND

MnDOT

City of Ramsey



LOW POINT
NW FRONTAGE RD
STA. 798+13.44
ELEV. 866.88

LOW POINT
TH 10/169 EB/WB
STA. 493+98.81
ELEV. 869.24

HIGH POINT
TH 10/169 EB/WB
STA. 496+23.14
ELEV. 869.64

HIGH POINT
NW FRONTAGE RD
STA. 803+01.39
ELEV. 868.24

ENT RAMP WB
(RAMSEY BLVD)

LOW POINT
NW FRONTAGE RD
STA. 809+28.30
ELEV. 864.24

LOW POINT
ENT RAMP WB
STA. 504+95.21
ELEV. 864.70

LOW POINT
TH 10/169 EB/WB
STA. 504+96.77
ELEV. 865.84

LEGEND

(XXXX)	DRAINAGE STRUCTURE NUMBER	⊗	RANDOM RIPRAP CL III
▤ / ▤	PROPOSED/INPLACE APRON	- - - -	EXISTING RIGHT-OF-WAY
⊙ / ⊙	PROPOSED/INPLACE DRAINAGE STRUCTURE	- - - -	PROPOSED RIGHT-OF-WAY
→	PROPOSED STORM SEWER AND/OR CULVERT	- - - -	TEMPORARY EASEMENT
→	INPLACE STORM SEWER AND/OR CULVERT	- - - -	CONSTRUCTION LIMITS
→	CASED STORM SEWER	- - - -	EXISTING EASEMENT
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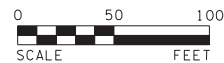
STRUCTURES ON THIS SHEET

STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
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5001	384	5052	386	5104	407	5546	385
5002	365	5053	386	5105	386	5547	385
5003	365	5054	365	5120	365	5548	385
5004	407	5056	384	5129	407	5549	385
5005	385	5067	365	5130	384	5551	385
5006	386	5070	386	5133	407	5596	410
5007	385	5094	365	5310	385	5597	410
5008	365	5095	407	5505	366	5608	384
5009	365	5098	408	5506	366	6000	N/A
5010	365	5099	385	5513	387		
5011	407	5100	365	5514	387		
5012	365	5101	407	5542	384		
5013	365	5102	386	5543	384		

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John.Perkins
5/9/2023



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JOHN L. PERKINS
LIC. NO. 56278
DATE 03-08-2023

DESIGNED
NTS
DRAWN
NTS
CHECKED
JLP

S.P. 0202-116 (TH10), S.P. 002-596-026, S.P. 002-656-001,
S.P. 002-657-003, S.P. 199-113-003, S.P. 199-115-006

TH 10/169 IMPROVEMENTS
DRAINAGE PLAN

SHEET
349
OF
685

LEGEND

(XXXX)	DRAINAGE STRUCTURE NUMBER		RANDOM RIPRAP CL III
	PROPOSED/INPLACE APRON		EXISTING RIGHT-OF-WAY
	PROPOSED/INPLACE DRAINAGE STRUCTURE		PROPOSED RIGHT-OF-WAY
	PROPOSED STORM SEWER AND/OR CULVERT		TEMPORARY EASEMENT
	INPLACE STORM SEWER AND/OR CULVERT		CONSTRUCTION LIMITS
	CASED STORM SEWER		EXISTING EASEMENT
	SURFACE FLOW DIRECTION		PROPOSED EASEMENT
		①	CONNECT INTO EXISTING DRAINAGE STRUCTURE
		②	CONNECT TO EXISTING STORM SEWER

- SPECIFIC NOTES:**
- (A) STRUCTURE 5510 TO INCLUDE 5' SUMP AND STRUCTURAL POLLUTION CONTROL DEVICE (INCIDENTAL). SEE DRAINAGE DETAILS.
 - (B) STRUCTURE 5515 TO INCLUDE 4' SUMP AND STRUCTURAL POLLUTION CONTROL DEVICE (INCIDENTAL). SEE DRAINAGE DETAILS.
 - (C) STRUCTURE 5578 TO INCLUDE 4' SUMP AND STRUCTURAL POLLUTION CONTROL DEVICE (INCIDENTAL). SEE DRAINAGE DETAILS.

RAMSEY BLVD TH 10/169 EB/WB CONSTRUCTION HIGH POINT STA. 508+26.67 ELEV. 866.83

EXHIBIT B - DRAINAGE OWNERSHIP AND MAINTENANCE AGREEMENT 1052605 ANOKA COUNTY AND CITY OF RAMSEY SHEET 4 OF 17

LEGEND

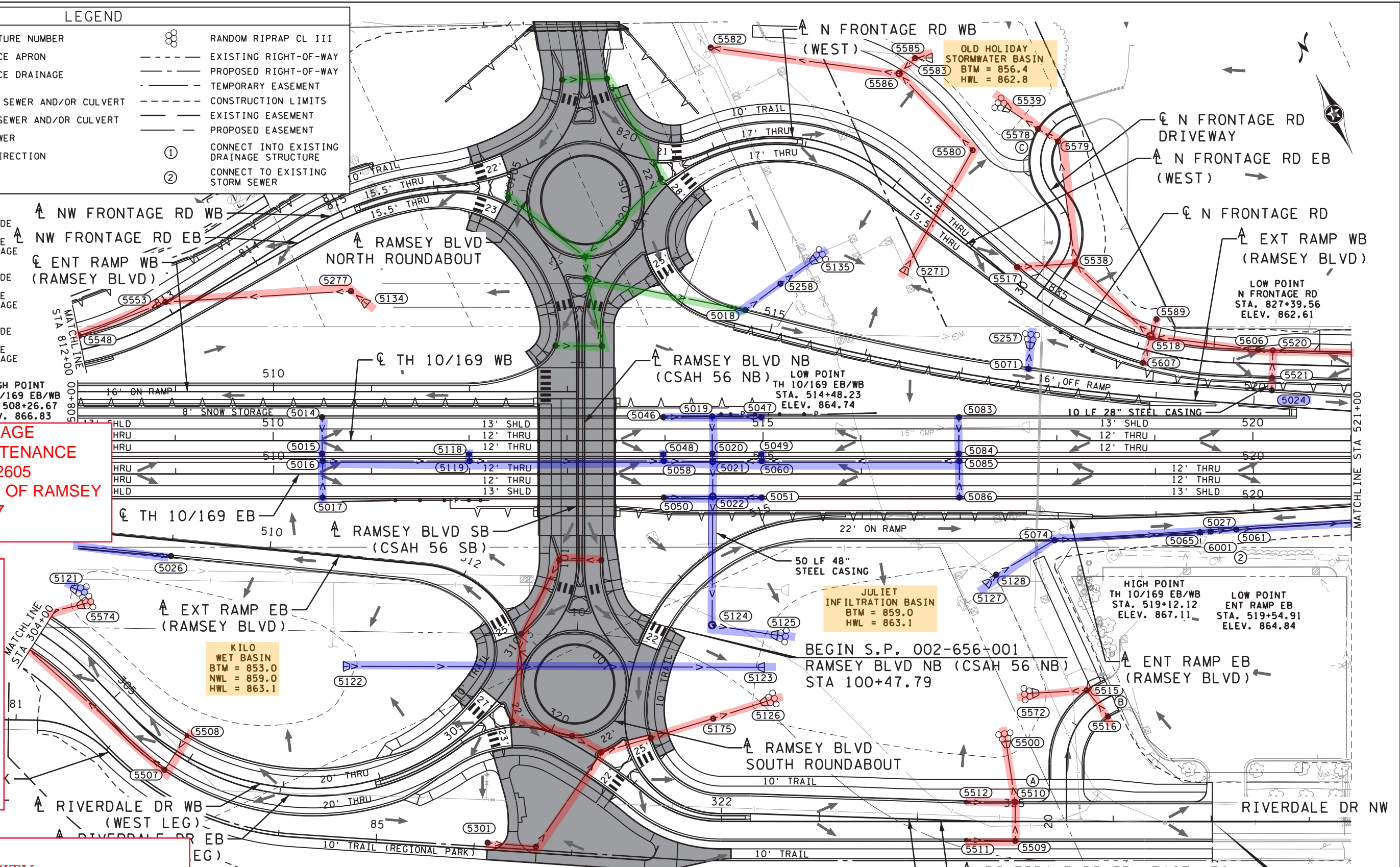
- MnDOT
- Anoka County
- City of Ramsey
- Shared Maintenance

*Shared maintenance as defined in the Agreement.

KILO WET BASIN:
76% MnDOT, 24% CITY

JULIET INFILTRATION BASIN:
89% MnDOT, 11% CITY

OLD HOLIDAY STORMWATER BASIN:
26% MnDOT, 74% CITY



STRUCTURES ON THIS SHEET

ST. NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
33	388	5123	389	5175	368	5508	366	5518	381	5574	366	5589	401
34	388	5124	368	5257	402	5509	369	5520	381	5578	381	5606	381
35	388	5125	368	5258	367	5510	369	5521	401	5579	381	5607	401
36	388	5126	368	5271	380	5511	369	5538	381	5580	380	6001	383
38	387	5127	369	5277	385	5512	389	5539	381	5582	380		
39	368	5128	369	5301	410	5515	369	5548	385	5583	401		
21	365	5134	385	5500	369	5516	369	5553	385	5585	401		
22	389	5135	367	5507	366	5517	402	5572	369	5586	380		

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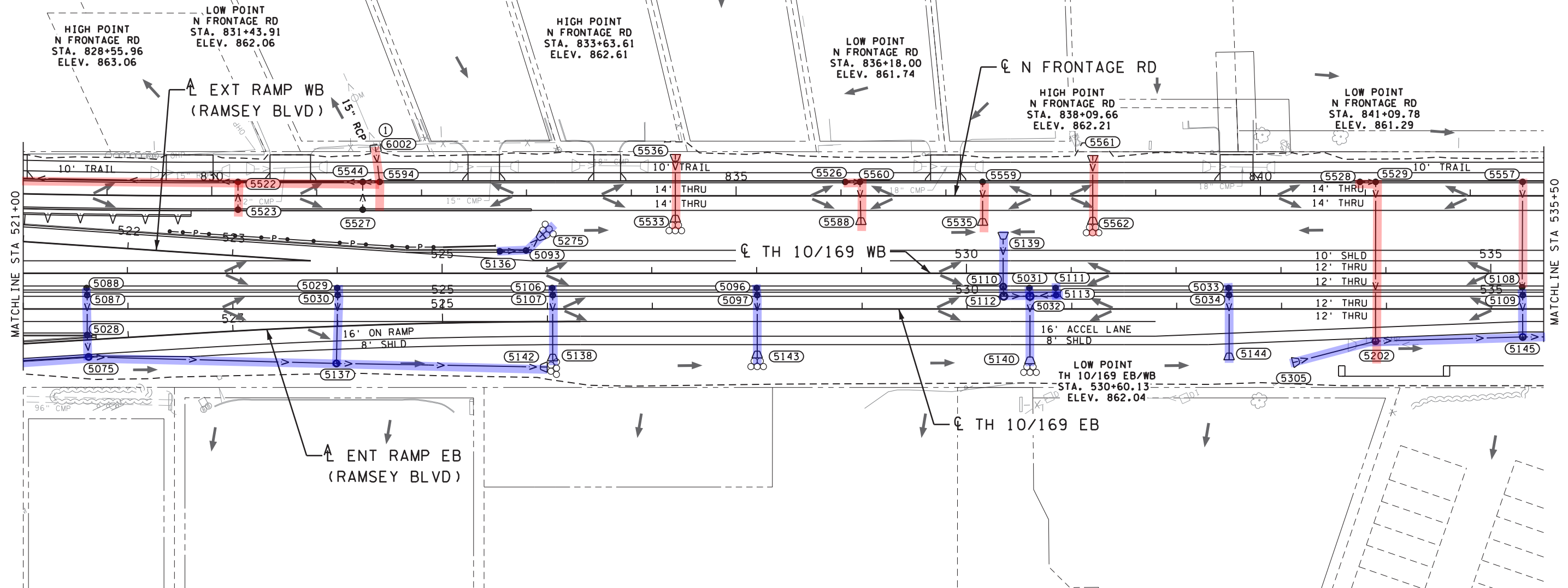
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TH 10/169 IMPROVEMENTS
DRAINAGE PLAN
SHEET 350 OF 685

EXHIBIT B - DRAINAGE OWNERSHIP AND MAINTENANCE AGREEMENT 1052605 ANOKA COUNTY AND CITY OF RAMSEY SHEET 5 OF 17

LEGEND

- MnDOT
- City of Ramsey

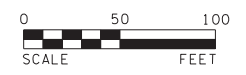


LEGEND

- (XXXX) DRAINAGE STRUCTURE NUMBER
- /□/□ PROPOSED/INPLACE APRON
- ⊙/⊙/⊙ PROPOSED/INPLACE DRAINAGE STRUCTURE
- > PROPOSED STORM SEWER AND/OR CULVERT
- > INPLACE STORM SEWER AND/OR CULVERT
- ==> CASSED STORM SEWER
- SURFACE FLOW DIRECTION
- ⊙ RANDOM RIPRAP CL III
- EXISTING RIGHT-OF-WAY
- - - PROPOSED RIGHT-OF-WAY
- - - TEMPORARY EASEMENT
- - - CONSTRUCTION LIMITS
- EXISTING EASEMENT
- - - PROPOSED EASEMENT
- ① CONNECT INTO EXISTING DRAINAGE STRUCTURE
- ② CONNECT TO EXISTING STORM SEWER

STRUCTURES ON THIS SHEET

STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
5028	389	5107	408	5144	390	5544	381
5029	406	5108	390	5145	412	5557	390
5030	406	5109	390	5202	412	5559	406
5031	390	5110	390	5275	402	5560	402
5032	390	5111	390	5305	412	5561	399
5033	390	5112	390	5522	381	5562	399
5034	390	5113	390	5523	381	5588	402
5075	369	5136	402	5526	402	5594	381
5087	389	5137	369	5527	402	6002	381
5088	389	5138	408	5528	380		
5093	402	5139	390	5529	380		
5096	406	5140	390	5533	402		
5097	406	5142	369	5535	406		
5106	408	5143	406	5536	402		



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 TH 10/169 IMPROVEMENTS
 DRAINAGE PLAN

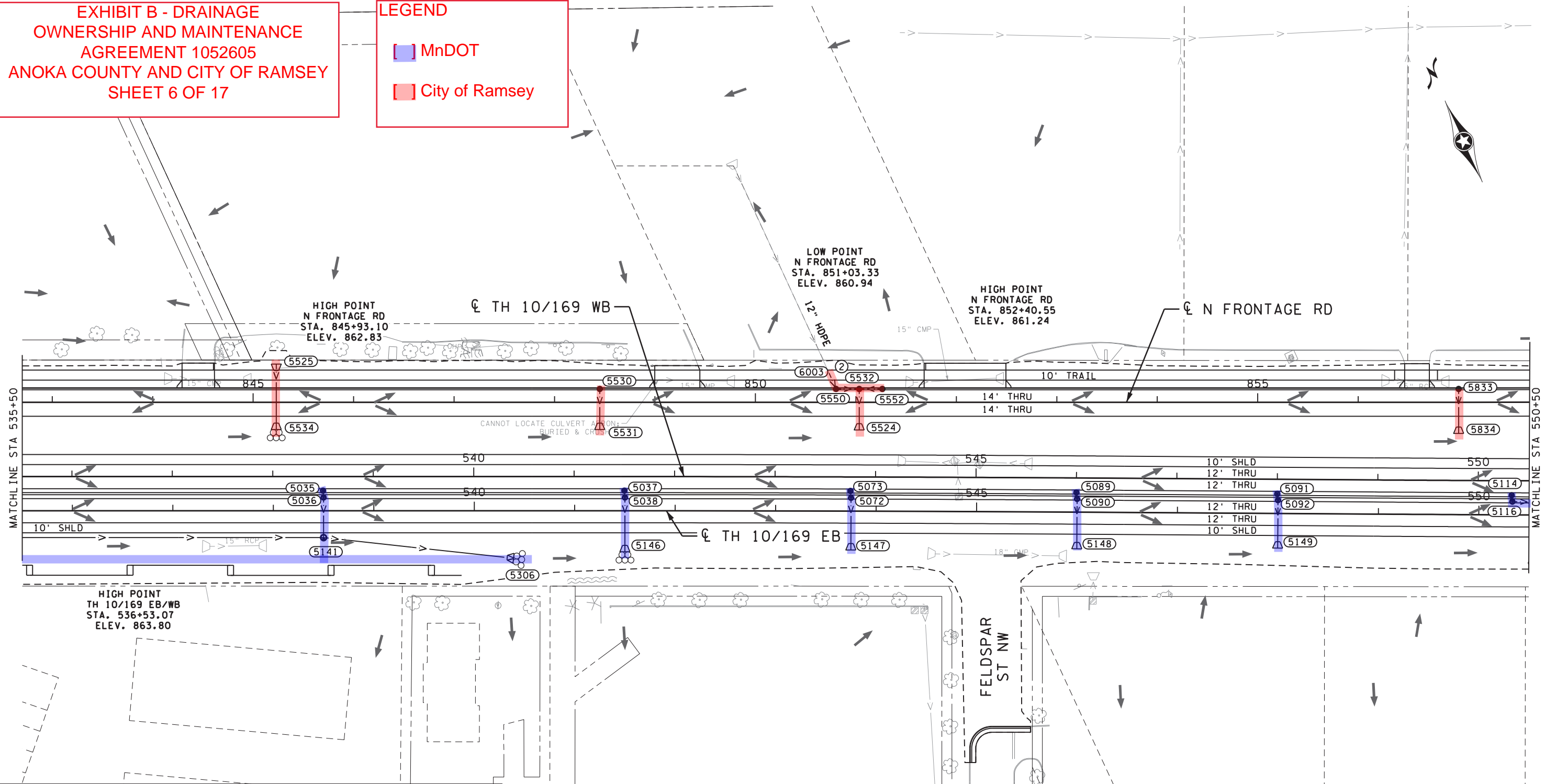
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EXHIBIT B - DRAINAGE OWNERSHIP AND MAINTENANCE AGREEMENT 1052605 ANOKA COUNTY AND CITY OF RAMSEY SHEET 6 OF 17

LEGEND

MnDOT

City of Ramsey



LEGEND

(XXXX)	DRAINAGE STRUCTURE NUMBER	⊗	RANDOM RIPRAP CL III
◁/▷	PROPOSED/INPLACE APRON	- - -	EXISTING RIGHT-OF-WAY
⊙/⊗	PROPOSED/INPLACE DRAINAGE STRUCTURE	- - -	PROPOSED RIGHT-OF-WAY
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STRUCTURES ON THIS SHEET

STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
5035	406	5116	391	5532	391
5036	406	5141	412	5534	390
5037	406	5146	406	5550	391
5038	406	5147	391	5552	375
5072	391	5148	391	5833	391
5073	391	5149	391	5834	391
5089	391	5306	412	6003	391
5090	391	5524	391		
5091	391	5525	390		
5092	391	5530	406		
5114	391	5531	406		

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0 50 100
SCALE FEET

BOLTON & MENK

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TH 10/169 IMPROVEMENTS

DRAINAGE PLAN

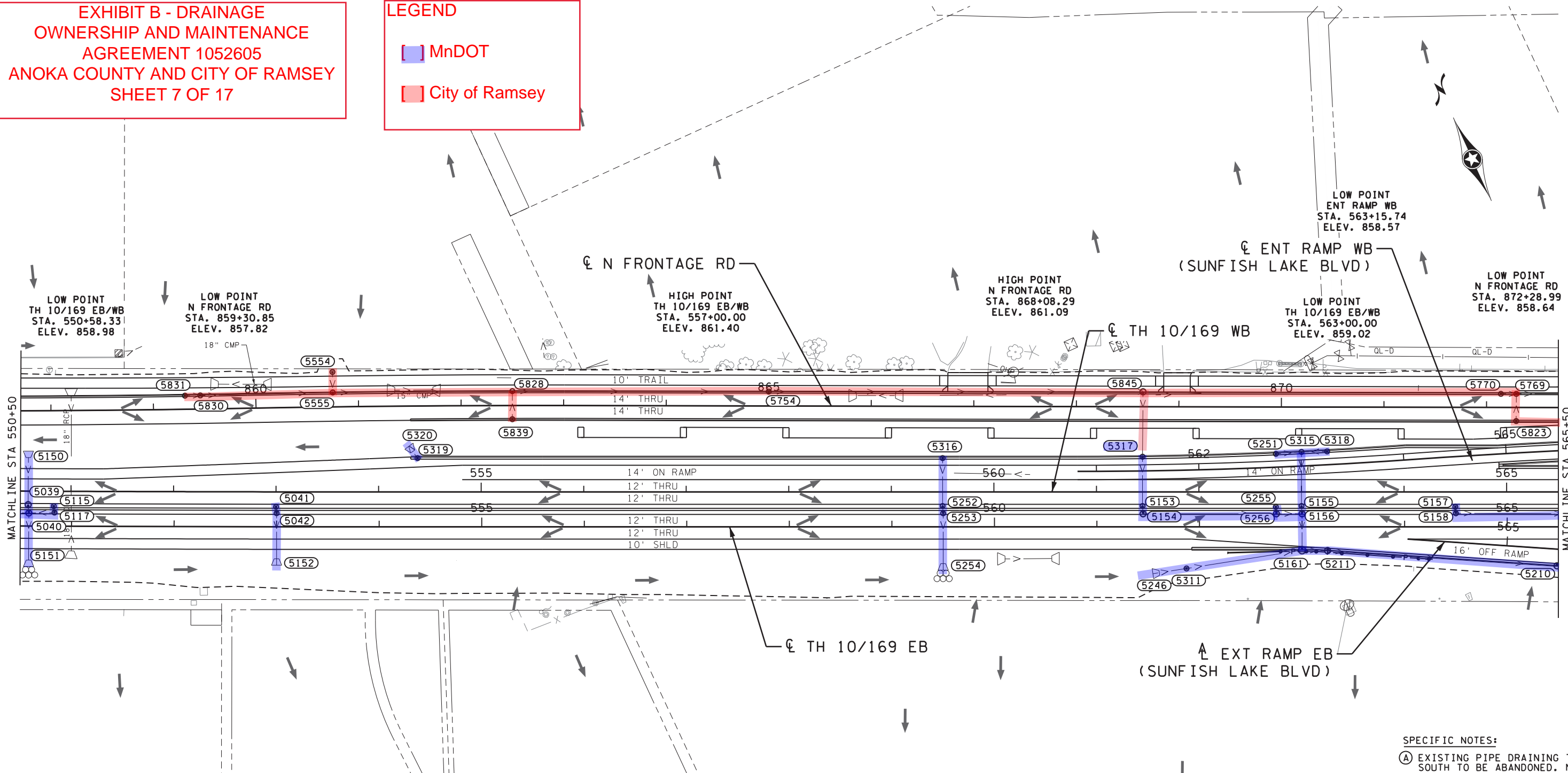
SHEET 352 OF 685

EXHIBIT B - DRAINAGE OWNERSHIP AND MAINTENANCE AGREEMENT 1052605 ANOKA COUNTY AND CITY OF RAMSEY SHEET 7 OF 17

LEGEND

■ MnDOT

■ City of Ramsey



MATCHLINE STA 550+50

MATCHLINE STA 565+50

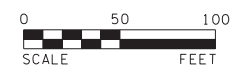
- SPECIFIC NOTES:**
- (A) EXISTING PIPE DRAINING TO SOUTH TO BE ABANDONED. NO CONNECTION TO STRUCTURE 5300 REQUIRED.
 - (B) REFER TO MISCELLANEOUS REMOVALS (DRAINAGE) TABULATION AND DRAINAGE & PUBLIC UTILITY REMOVAL PLAN FOR LOCATION OF SALVAGED STRUCTURE TO BE INSTALLED.

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STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
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5040	370	5211	382	5320	412
5041	405	5246	382	5554	409
5042	405	5251	394	5555	377
5115	391	5252	408	5754	377
5117	391	5253	408	5769	396
5150	370	5254	408	5770	396
5151	370	5255	394	5823	375
5152	405	5256	377	5828	377
5153	377	5300	383	5830	377
5154	377	5311	382	5831	377
5155	394	5312	383	5839	375
5156	377	5315	394	5845	377
5157	378	5316	408	6023	383
5158	378	5317	377		
5161	382	5318	412		

LEGEND

(XXXX)	DRAINAGE STRUCTURE NUMBER	⊗	RANDOM RIPRAP CL III
◁ / ▷	PROPOSED/INPLACE APRON	- - -	EXISTING RIGHT-OF-WAY
⊙ / ⊗	PROPOSED/INPLACE DRAINAGE STRUCTURE	- - -	PROPOSED RIGHT-OF-WAY
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		①	CONNECT INTO EXISTING DRAINAGE STRUCTURE
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TH 10/169 IMPROVEMENTS
DRAINAGE PLAN

SHEET 353 OF 685

JohnPerkins 5/9/2023 8:08:30 AM bmi.tbi pdf-B and W.pitcfcg

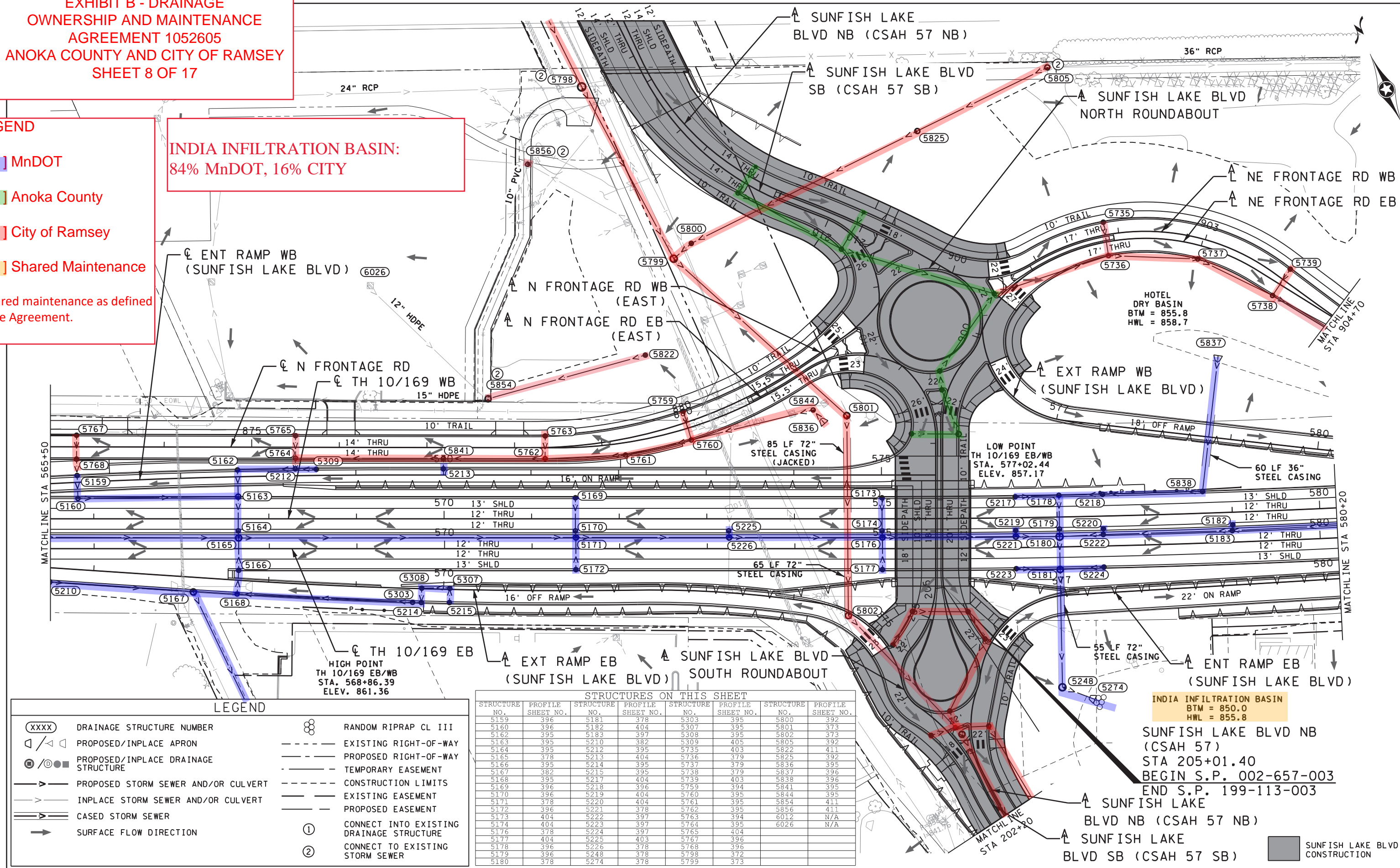
EXHIBIT B - DRAINAGE OWNERSHIP AND MAINTENANCE AGREEMENT 1052605 ANOKA COUNTY AND CITY OF RAMSEY SHEET 8 OF 17

LEGEND

- MnDOT
- Anoka County
- City of Ramsey
- Shared Maintenance

**Shared maintenance as defined in the Agreement.*

INDIA INFILTRATION BASIN:
84% MnDOT, 16% CITY



LEGEND

XXXX DRAINAGE STRUCTURE NUMBER	RANDOM RIPRAP CL III
PROPOSED/INPLACE APRON	EXISTING RIGHT-OF-WAY
PROPOSED/INPLACE DRAINAGE STRUCTURE	PROPOSED RIGHT-OF-WAY
PROPOSED STORM SEWER AND/OR CULVERT	TEMPORARY EASEMENT
INPLACE STORM SEWER AND/OR CULVERT	CONSTRUCTION LIMITS
CASSED STORM SEWER	EXISTING EASEMENT
SURFACE FLOW DIRECTION	PROPOSED EASEMENT
	CONNECT INTO EXISTING DRAINAGE STRUCTURE
	CONNECT TO EXISTING STORM SEWER

STRUCTURES ON THIS SHEET

STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
5159	396	5181	378	5303	395	5800	392
5160	396	5182	404	5307	395	5801	373
5162	395	5183	397	5308	395	5802	373
5163	395	5210	382	5309	405	5805	392
5164	395	5212	395	5735	403	5822	411
5165	378	5213	404	5736	379	5825	392
5166	395	5214	395	5737	379	5836	395
5167	382	5215	395	5738	379	5837	396
5168	395	5217	404	5739	403	5838	396
5169	396	5218	396	5759	394	5841	395
5170	396	5219	404	5760	395	5844	395
5171	378	5220	404	5761	395	5854	411
5172	396	5221	378	5762	395	5856	411
5173	404	5222	397	5763	394	6012	N/A
5174	404	5223	397	5764	395	6026	N/A
5176	378	5224	397	5765	404		
5177	404	5225	403	5767	396		
5178	396	5226	378	5768	396		
5179	396	5248	378	5798	372		
5180	378	5274	378	5799	373		

INDIA INFILTRATION BASIN
BTM = 850.0
HWL = 855.8

SUNFISH LAKE BLVD NB (CSAH 57)
STA 205+01.40
BEGIN S.P. 002-657-003
END S.P. 199-113-003

SUNFISH LAKE BLVD NB (CSAH 57 NB)

SUNFISH LAKE BLVD SB (CSAH 57 SB)

SUNFISH LAKE BLVD CONSTRUCTION

JohnPerkins 5/9/2023 8:08:33 AM bmi.tbi pdf-B and W.pitcfig

BOLTON & MENK
12224 NICOLLET AVENUE
BURNSVILLE, MINNESOTA 55337
Phone: (952) 890-0509
Email: Burns@bolton-menk.com
www.bolton-menk.com

REV.	BY	DATE

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

JOHN L. PERKINS
LIC. NO. 56278
DATE 03-08-2023

DESIGNED: NTS
DRAWN: NTS
CHECKED: JLP

S.P. 0202-116 (TH10), S.P. 002-596-026, S.P. 002-656-001, S.P. 002-657-003, S.P. 199-113-003, S.P. 199-115-006
TH 10/169 IMPROVEMENTS

DRAINAGE PLAN

SHEET 354 OF 685

EXHIBIT B - DRAINAGE OWNERSHIP AND MAINTENANCE AGREEMENT 1052605 ANOKA COUNTY AND CITY OF RAMSEY SHEET 10 OF 17

LEGEND

MnDOT

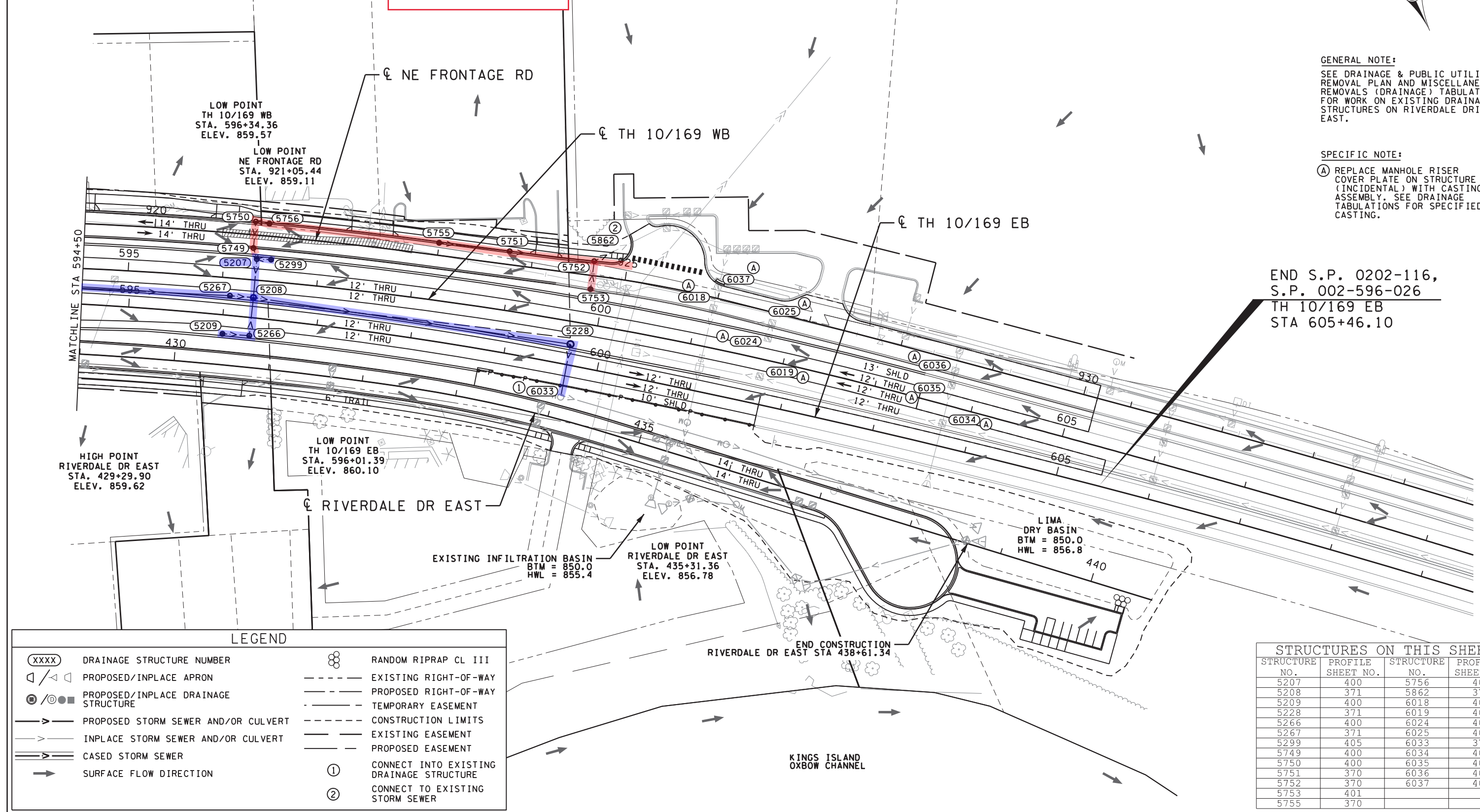
City of Ramsey



GENERAL NOTE:
SEE DRAINAGE & PUBLIC UTILITY REMOVAL PLAN AND MISCELLANEOUS REMOVALS (DRAINAGE) TABULATION FOR WORK ON EXISTING DRAINAGE STRUCTURES ON RIVERDALE DRIVE EAST.

SPECIFIC NOTE:
A REPLACE MANHOLE RISER COVER PLATE ON STRUCTURE (INCIDENTAL) WITH CASTING ASSEMBLY. SEE DRAINAGE TABULATIONS FOR SPECIFIED CASTING.

END S.P. 0202-116,
S.P. 002-596-026
TH 10/169 EB
STA 605+46.10



LEGEND

(XXXX)	DRAINAGE STRUCTURE NUMBER		RANDOM RIPRAP CL III
	PROPOSED/INPLACE APRON		EXISTING RIGHT-OF-WAY
	PROPOSED/INPLACE DRAINAGE STRUCTURE		PROPOSED RIGHT-OF-WAY
	PROPOSED STORM SEWER AND/OR CULVERT		TEMPORARY EASEMENT
	INPLACE STORM SEWER AND/OR CULVERT		CONSTRUCTION LIMITS
	CASED STORM SEWER		EXISTING EASEMENT
	SURFACE FLOW DIRECTION		PROPOSED EASEMENT
		①	CONNECT INTO EXISTING DRAINAGE STRUCTURE
		②	CONNECT TO EXISTING STORM SEWER

STRUCTURES ON THIS SHEET

STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
5207	400	5756	400
5208	371	5862	370
5209	400	6018	401
5228	371	6019	401
5266	400	6024	401
5267	371	6025	401
5299	405	6033	371
5749	400	6034	401
5750	400	6035	401
5751	370	6036	401
5752	370	6037	401
5753	401		
5755	370		

John.Perkins 5/9/2023 8:08:41 AM pdf-B and W.pltctfg bmi.tbi

EXHIBIT B - DRAINAGE OWNERSHIP AND MAINTENANCE AGREEMENT 1052605 ANOKA COUNTY AND CITY OF RAMSEY SHEET 11 OF 17

5068	368	5302	410
5069	368	5501	367
5076	368	5504	367
5077	367	5539	381
5122	389	5580	380
5123	389	5581	380
5124	368	5582	380
5125	368	5583	401
5126	368	5584	380
5127	369	5585	401
5128	369	5586	380
5134	385		

KILO WET BASIN:
76% MnDOT, 24% CITY

JULIET INFILTRATION BASIN:
89% MnDOT, 11% CITY

OLD HOLIDAY STORMWATER BASIN:
26% MnDOT, 74% CITY

LEGEND

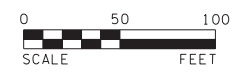
- MnDOT
- Anoka County
- City of Ramsey
- Shared Maintenance

*Shared maintenance as defined in the Agreement.

LEGEND

(XXXX)	DRAINAGE STRUCTURE NUMBER	⊗	RANDOM RIPRAP CL III
◁/▷	PROPOSED/INPLACE APRON	- - -	EXISTING RIGHT-OF-WAY
⊙/⊙	PROPOSED/INPLACE DRAINAGE STRUCTURE	- - -	PROPOSED RIGHT-OF-WAY
—>	PROPOSED STORM SEWER AND/OR CULVERT	- - -	TEMPORARY EASEMENT
->	INPLACE STORM SEWER AND/OR CULVERT	- - -	CONSTRUCTION LIMITS
==>	CASED STORM SEWER	- - -	EXISTING EASEMENT
→	SURFACE FLOW DIRECTION	- - -	PROPOSED EASEMENT
		①	CONNECT INTO EXISTING DRAINAGE STRUCTURE
		②	CONNECT TO EXISTING STORM SEWER

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John.Perkins
5/9/2023



BOLTON & MENK

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www.bolton-menk.com

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DATE 03-08-2023

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DRAWN NTS		
CHECKED JLP		
TH 10/169 IMPROVEMENTS		
DRAINAGE PLAN		

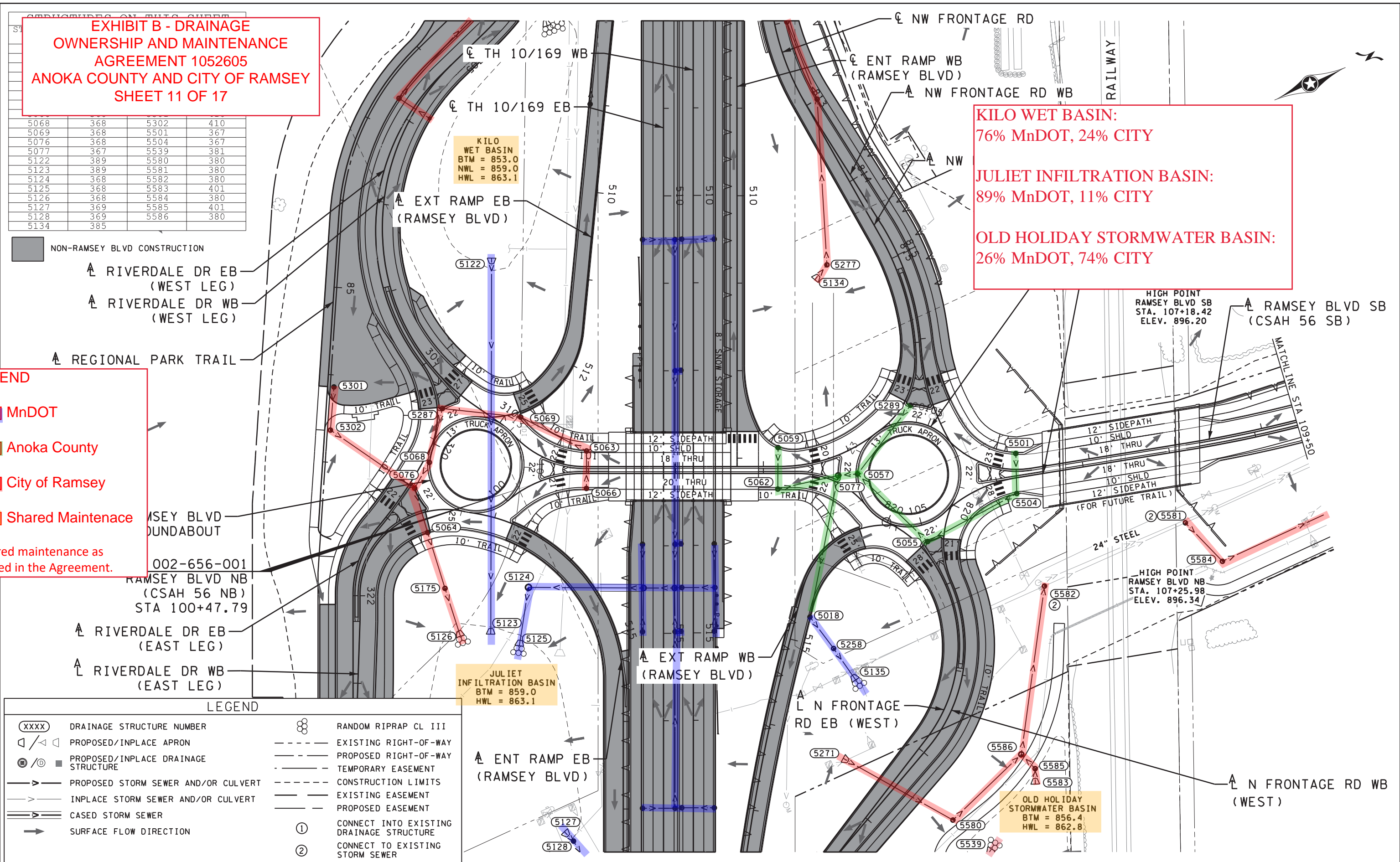
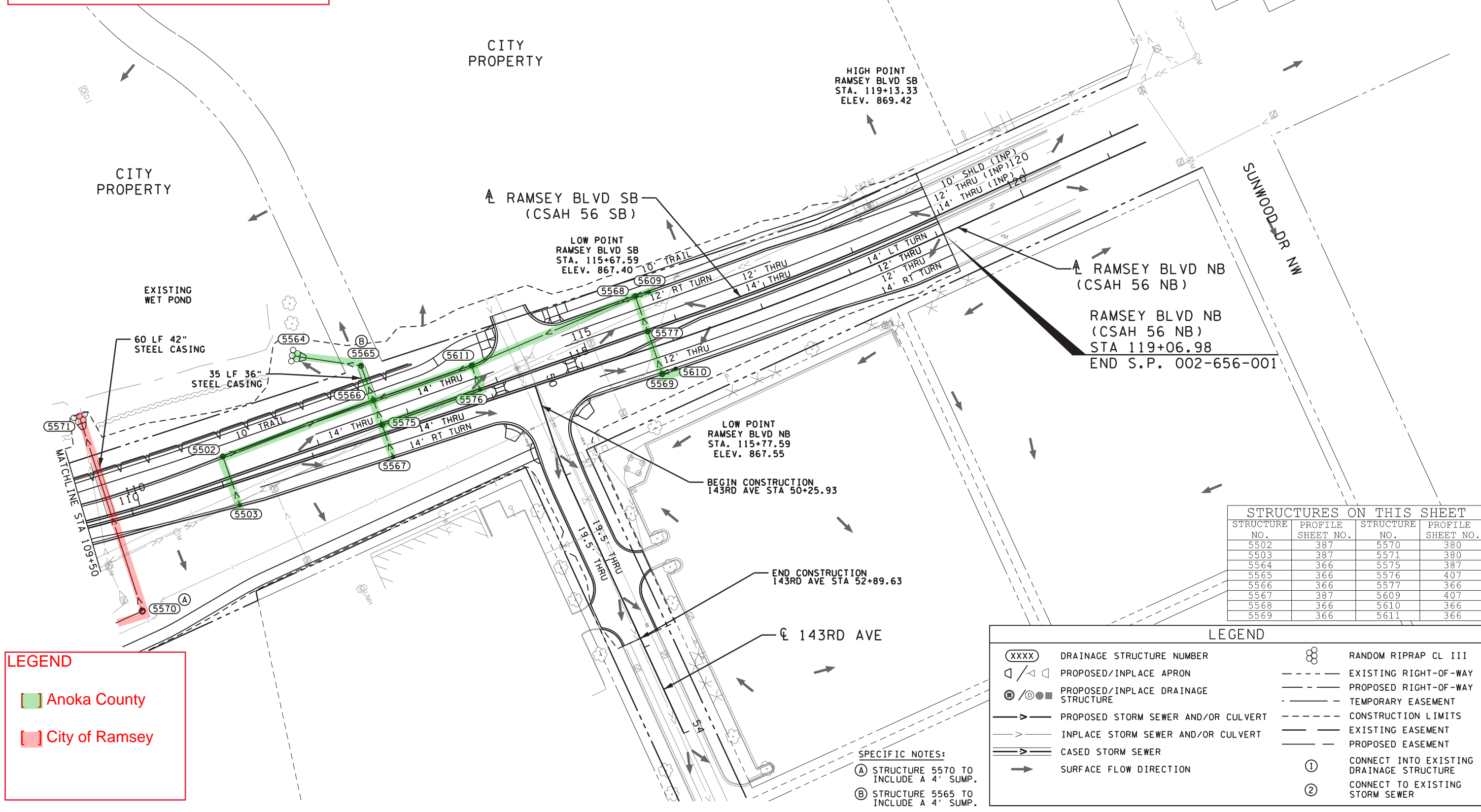


EXHIBIT B - DRAINAGE OWNERSHIP AND MAINTENANCE AGREEMENT 1052605 ANOKA COUNTY AND CITY OF RAMSEY SHEET 12 OF 17



STRUCTURES ON THIS SHEET

STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
5502	387	5570	380
5503	387	5571	380
5564	366	5575	387
5565	366	5576	407
5566	366	5577	366
5567	387	5609	407
5568	366	5610	366
5569	366	5611	366

LEGEND

- Anoka County
- City of Ramsey

LEGEND

(XXXX)	DRAINAGE STRUCTURE NUMBER		RANDOM RIPRAP CL III
	PROPOSED/INPLACE APRON	- - - - -	EXISTING RIGHT-OF-WAY
	PROPOSED/INPLACE DRAINAGE STRUCTURE	- - - - -	PROPOSED RIGHT-OF-WAY
	PROPOSED STORM SEWER AND/OR CULVERT	- - - - -	TEMPORARY EASEMENT
	INPLACE STORM SEWER AND/OR CULVERT	- - - - -	CONSTRUCTION LIMITS
	CASED STORM SEWER	- - - - -	EXISTING EASEMENT
	SURFACE FLOW DIRECTION	- - - - -	PROPOSED EASEMENT
(A)	STRUCTURE 5570 TO INCLUDE A 4" SUMP.	(1)	CONNECT INTO EXISTING DRAINAGE STRUCTURE
(B)	STRUCTURE 5565 TO INCLUDE A 4" SUMP.	(2)	CONNECT TO EXISTING STORM SEWER

SPECIFIC NOTES:

(A) STRUCTURE 5570 TO INCLUDE A 4" SUMP.

(B) STRUCTURE 5565 TO INCLUDE A 4" SUMP.

John.Perkins 5/9/2023 8:09:09 AM pdf-B and W.pitcfcg bmi.tbi

LEGEND

- (XXXX) DRAINAGE STRUCTURE NUMBER
- ◁/▷ PROPOSED/INPLACE APRON
- ◉/◊ PROPOSED/INPLACE DRAINAGE STRUCTURE
- > PROPOSED STORM SEWER AND/OR CULVERT
- > INPLACE STORM SEWER AND/OR CULVERT
- > CASSED STORM SEWER
- SURFACE FLOW DIRECTION
- ⊗ RANDOM RIPRAP CL III
- EXISTING RIGHT-OF-WAY
- - - PROPOSED RIGHT-OF-WAY
- - - TEMPORARY EASEMENT
- - - CONSTRUCTION LIMITS
- - - EXISTING EASEMENT
- - - PROPOSED EASEMENT
- ① CONNECT INTO EXISTING DRAINAGE STRUCTURE
- ② CONNECT TO EXISTING STORM SEWER

NON SUNFISH LAKE BLVD CONSTRUCTION

EXHIBIT B - DRAINAGE OWNERSHIP AND MAINTENANCE AGREEMENT 1052605 ANOKA COUNTY AND CITY OF RAMSEY SHEET 13 OF 17

INDIA INFILTRATION BASIN: 84% MnDOT, 16% CITY

INDIA INFILTRATION BASIN
BTM = 850.0
HWL = 855.8

END S.P. 199-113-003
SUNFISH LAKE BLVD NB (CSAH 57 NB)
STA 205+01.40
BEGIN S.P. 002-657-003

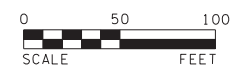
STRUCTURES ON THIS SHEET			
STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
5233	398	5790	379
5234	398	5797	372
5235	398	5798	372
5236	370	5799	373
5237	370	5800	392
5238	370	5801	373
5239	403	5802	373
5240	370	5805	392
5248	378	5808	373
5274	378	5814	376
5291	370	5815	376
5292	370	5825	392
5293	370	5837	396
5294	398	6011	N/A
5296	379		
5757	398		
5758	379		
5789	379		

LEGEND

- MnDOT
- Anoka County
- City of Ramsey
- Shared Maintenance

*Shared maintenance as defined in the Agreement.

JohnPerkins 5/9/2023 8:09:11 AM pdf-B and W.pitcfcg bmi.tbi



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www.bolton-menk.com

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JOHN L. PERKINS
LIC. NO. 56278
DATE 03-08-2023

DESIGNED NTS
DRAWN NTS
CHECKED JLP

S.P. 0202-116 (TH10), S.P. 002-596-026, S.P. 002-656-001, S.P. 002-657-003, S.P. 199-113-003, S.P. 199-115-006
TH 10/169 IMPROVEMENTS
DRAINAGE PLAN

SHEET 359 OF 685

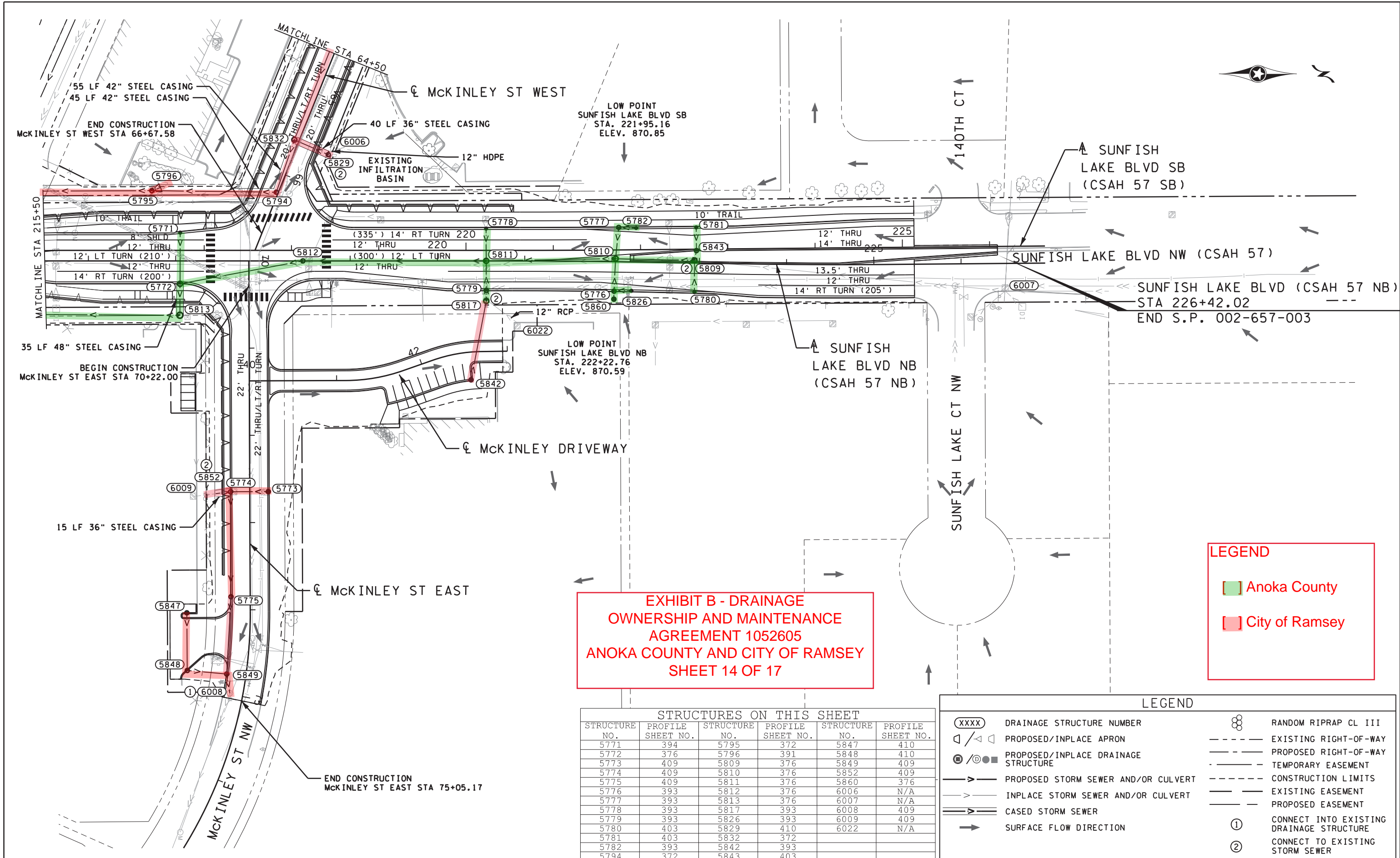


EXHIBIT B - DRAINAGE OWNERSHIP AND MAINTENANCE AGREEMENT 1052605 ANOKA COUNTY AND CITY OF RAMSEY SHEET 14 OF 17

LEGEND

- Anoka County
- City of Ramsey

STRUCTURES ON THIS SHEET

STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
5771	394	5795	372	5847	410
5772	376	5796	391	5848	410
5773	409	5809	376	5849	409
5774	409	5810	376	5852	409
5775	409	5811	376	5860	376
5776	393	5812	376	6006	N/A
5777	393	5813	376	6007	N/A
5778	393	5817	393	6008	409
5779	393	5826	393	6009	409
5780	403	5829	410	6022	N/A
5781	403	5832	372		
5782	393	5842	393		
5794	372	5843	403		

LEGEND

XXXX	DRAINAGE STRUCTURE NUMBER		RANDOM RIPRAP CL III
	PROPOSED/INPLACE APRON		EXISTING RIGHT-OF-WAY
	PROPOSED/INPLACE DRAINAGE STRUCTURE		PROPOSED RIGHT-OF-WAY
	PROPOSED STORM SEWER AND/OR CULVERT		TEMPORARY EASEMENT
	INPLACE STORM SEWER AND/OR CULVERT		CONSTRUCTION LIMITS
	CASED STORM SEWER		EXISTING EASEMENT
	SURFACE FLOW DIRECTION		PROPOSED EASEMENT
			CONNECT INTO EXISTING DRAINAGE STRUCTURE
			CONNECT TO EXISTING STORM SEWER

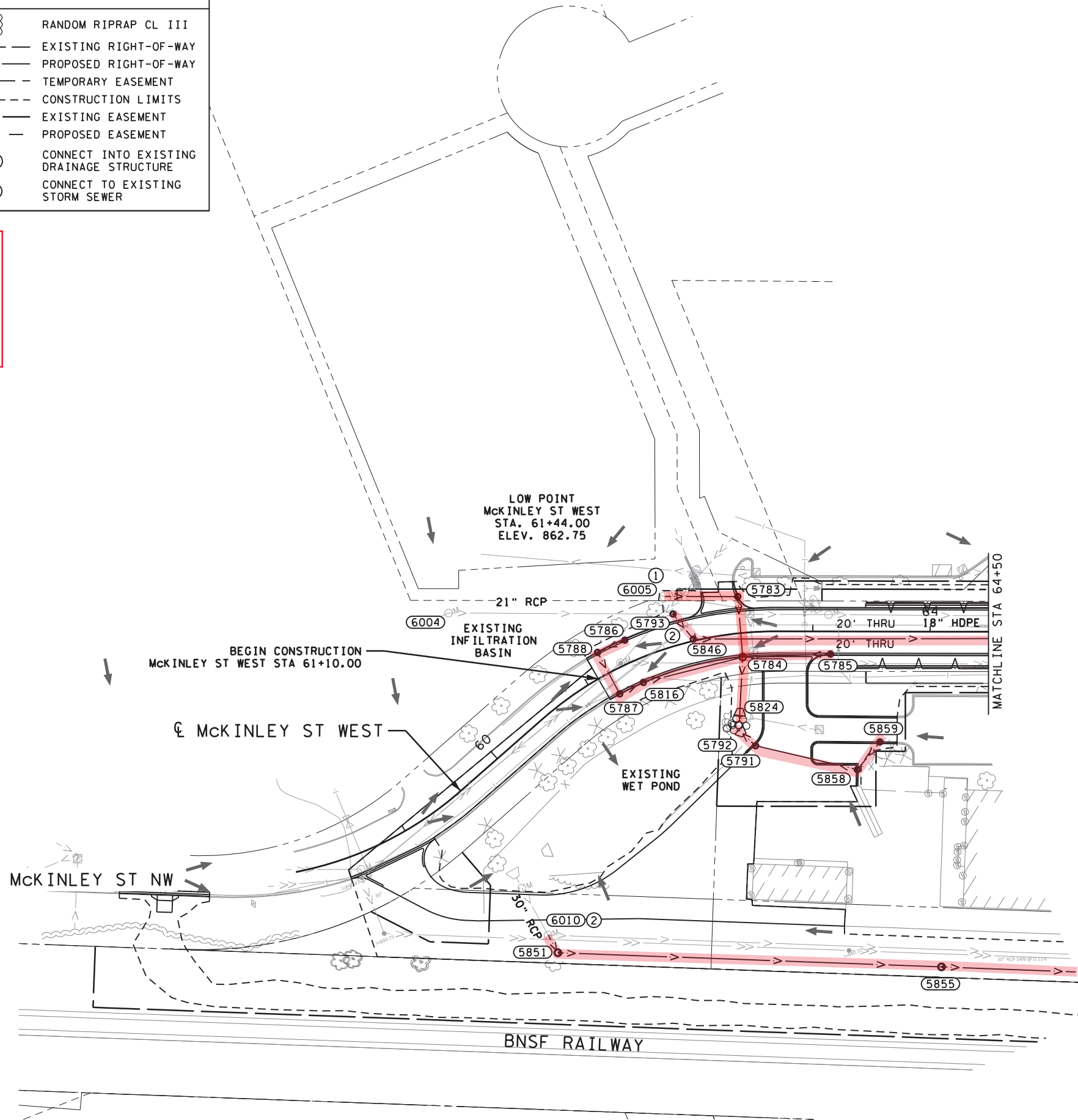
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LEGEND

(XXXX)	DRAINAGE STRUCTURE NUMBER	⊗	RANDOM RIPRAP CL III
◁/▷	PROPOSED/INPLACE APRON	- - - -	EXISTING RIGHT-OF-WAY
⊙/⊗	PROPOSED/INPLACE DRAINAGE STRUCTURE	- - - -	PROPOSED RIGHT-OF-WAY
→	PROPOSED STORM SEWER AND/OR CULVERT	- - - -	TEMPORARY EASEMENT
→	INPLACE STORM SEWER AND/OR CULVERT	- - - -	CONSTRUCTION LIMITS
→	CASED STORM SEWER	- - - -	EXISTING EASEMENT
→	SURFACE FLOW DIRECTION	①	CONNECT INTO EXISTING DRAINAGE STRUCTURE
		②	CONNECT TO EXISTING STORM SEWER

EXHIBIT B - DRAINAGE OWNERSHIP AND MAINTENANCE AGREEMENT 1052605 ANOKA COUNTY AND CITY OF RAMSEY SHEET 15 OF 17

LEGEND
 City of Ramsey



SPECIFIC NOTE:
 CONTRACTOR MUST COORDINATE WITH GRE TRANSMISSION CONSTRUCTION LEAD WHEN WORKING ALONG GRE OR TRANSMISSION LINE. COORDINATE AND PAY FOR ALL COSTS ASSOCIATED WITH EQUIPMENT, LABOR, AND MATERIALS NECESSARY TO TEMPORARILY SUPPORT THE TRANSMISSION POLES. SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS AND CONTACT INFORMATION.

STRUCTURES ON THIS SHEET			
STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
5783	375	5824	375
5784	375	5846	372
5785	375	5851	411
5786	393	5855	411
5787	393	5858	393
5788	393	5859	393
5791	393	6004	N/A
5792	393	6005	375
5793	372	6010	411
5816	393		

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BOLTON & MENK
 12224 NICOLLET AVENUE
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REV.	BY	DATE

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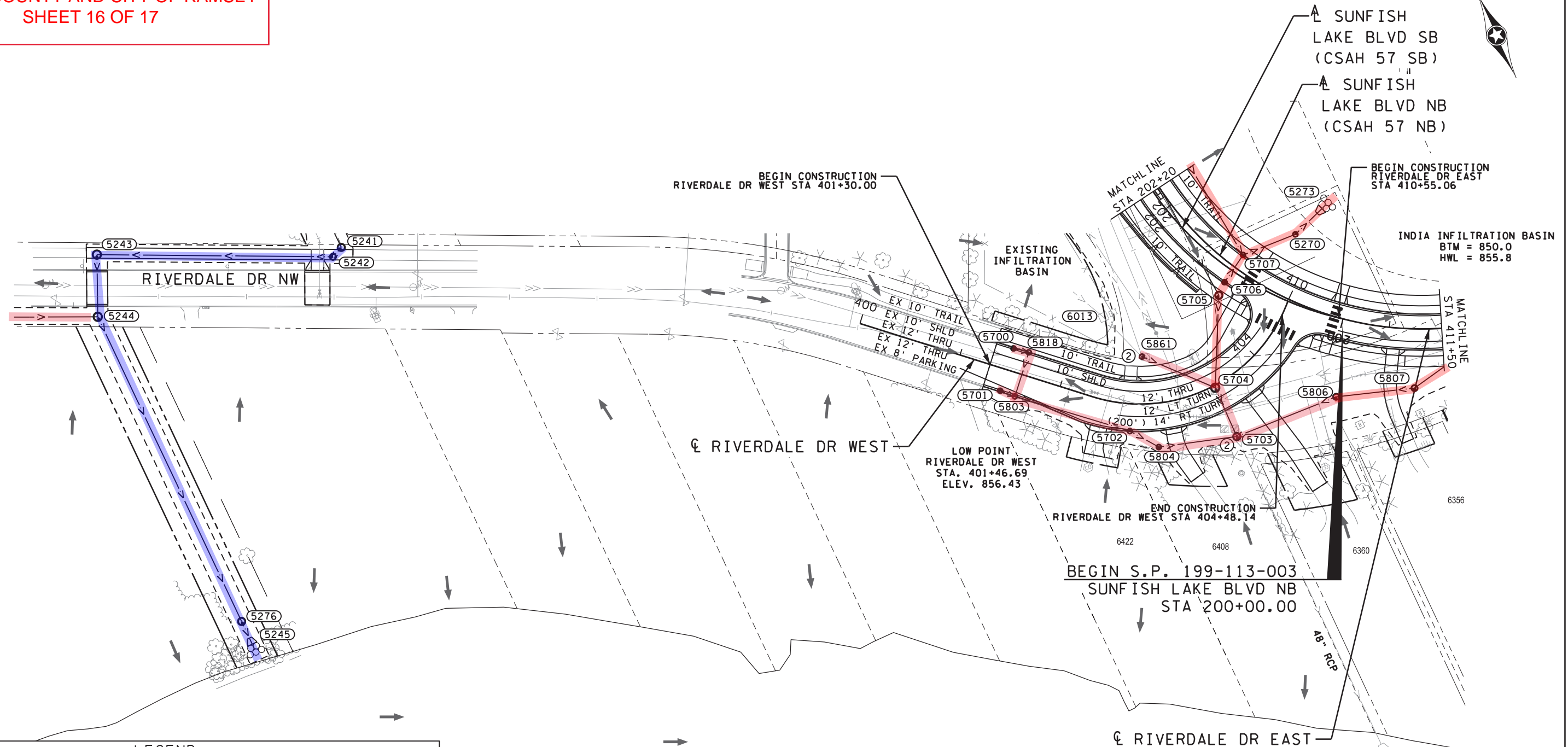
JOHN L. PERKINS
 LIC. NO. 56278 DATE 03-08-2023

DESIGNED: NTS
 DRAWN: NTS
 CHECKED: JLP

S.P. 0202-116 (TH10), S.P. 002-596-026, S.P. 002-656-001, S.P. 002-657-003, S.P. 199-113-003, S.P. 199-115-006
 TH 10/169 IMPROVEMENTS
 DRAINAGE PLAN

SHEET 361 OF 685

**EXHIBIT B - DRAINAGE
OWNERSHIP AND MAINTENANCE
AGREEMENT 1052605
ANOKA COUNTY AND CITY OF RAMSEY
SHEET 16 OF 17**



INDIA INFILTRATION BASIN
BTM = 850.0
HWL = 855.8

LOW POINT
RIVERDALE DR WEST
STA. 401+46.69
ELEV. 856.43

BEGIN S.P. 199-113-003
SUNFISH LAKE BLVD NB
STA 200+00.00

LEGEND

(XXXX)	DRAINAGE STRUCTURE NUMBER	⊗	RANDOM RIPRAP CL III
◁ / ▷	PROPOSED/INPLACE APRON	- - - -	EXISTING RIGHT-OF-WAY
⊙ / ⊗	PROPOSED/INPLACE DRAINAGE STRUCTURE	- - - -	PROPOSED RIGHT-OF-WAY
— >	PROPOSED STORM SEWER AND/OR CULVERT	- - - -	TEMPORARY EASEMENT
- >	INPLACE STORM SEWER AND/OR CULVERT	- - - -	CONSTRUCTION LIMITS
== >	CASED STORM SEWER	- - - -	EXISTING EASEMENT
→	SURFACE FLOW DIRECTION	- - - -	PROPOSED EASEMENT
		①	CONNECT INTO EXISTING DRAINAGE STRUCTURE
		②	CONNECT TO EXISTING STORM SEWER

STRUCTURES ON THIS SHEET

STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
5241	382	5704	373
5242	382	5705	373
5243	382	5706	403
5244	383	5707	370
5245	383	5803	392
5270	370	5804	392
5273	370	5806	400
5276	383	5807	400
5700	392	5818	392
5701	392	5861	375
5702	392	6013	N/A
5703	373		

LEGEND

	MnDOT
	City of Ramsey

John.Perkins
5/9/2023
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SCALE FEET

BOLTON & MENK
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TH 10/169 IMPROVEMENTS

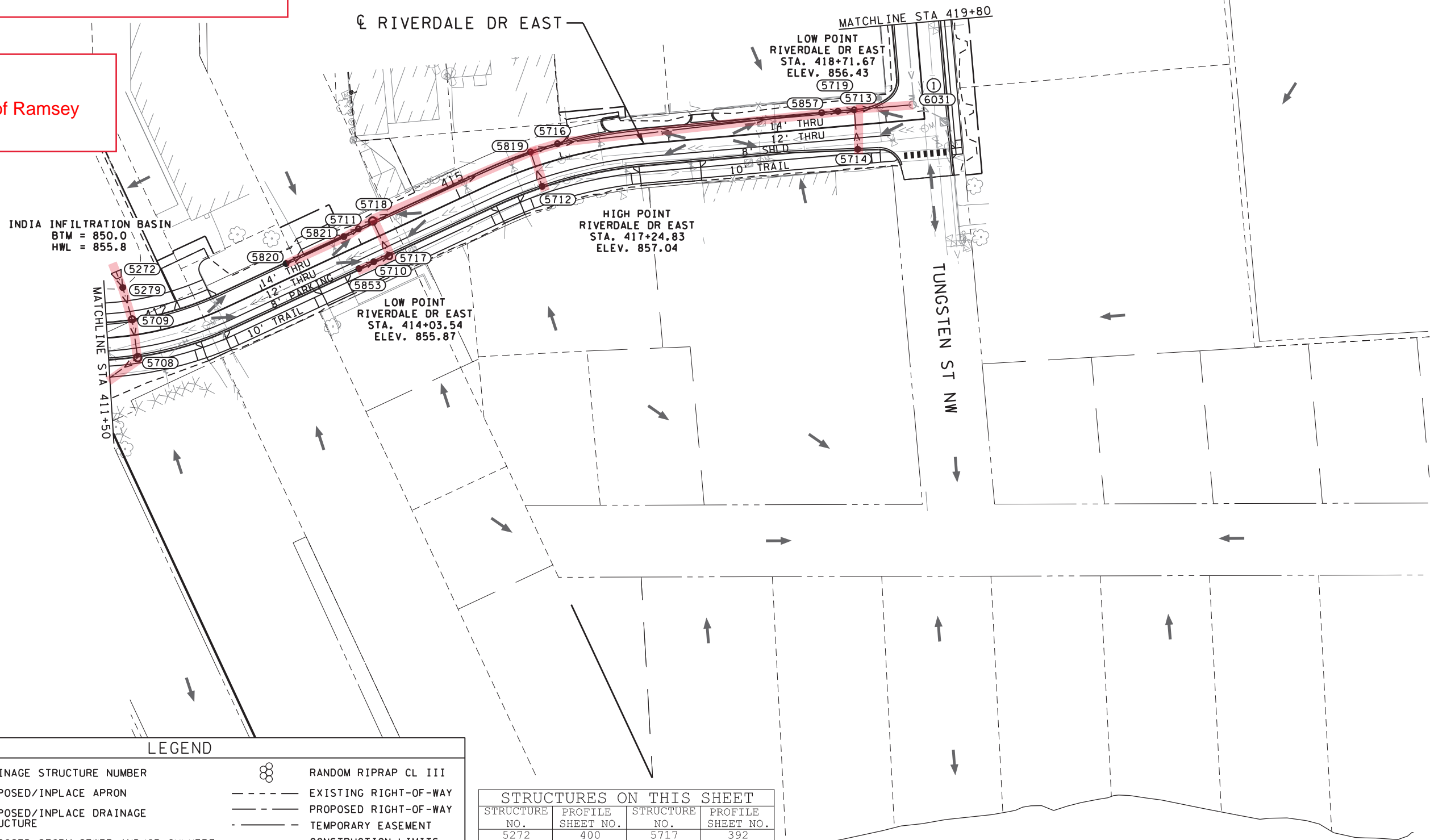
DRAINAGE PLAN

SHEET 362 OF 685

**EXHIBIT B - DRAINAGE
OWNERSHIP AND MAINTENANCE
AGREEMENT 1052605
ANOKA COUNTY AND CITY OF RAMSEY
SHEET 17 OF 17**

LEGEND

City of Ramsey

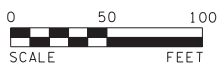


LEGEND

(XXXX)	DRAINAGE STRUCTURE NUMBER	⊗	RANDOM RIPRAP CL III
◁ / ▷	PROPOSED/INPLACE APRON	---	EXISTING RIGHT-OF-WAY
⊙ / ⊙	PROPOSED/INPLACE DRAINAGE STRUCTURE	---	PROPOSED RIGHT-OF-WAY
—>	PROPOSED STORM SEWER AND/OR CULVERT	---	TEMPORARY EASEMENT
->	INPLACE STORM SEWER AND/OR CULVERT	---	CONSTRUCTION LIMITS
==>	CASED STORM SEWER	---	EXISTING EASEMENT
→	SURFACE FLOW DIRECTION	---	PROPOSED EASEMENT
		①	CONNECT INTO EXISTING DRAINAGE STRUCTURE
		②	CONNECT TO EXISTING STORM SEWER

STRUCTURES ON THIS SHEET

STRUCTURE NO.	PROFILE SHEET NO.	STRUCTURE NO.	PROFILE SHEET NO.
5272	400	5717	392
5279	400	5718	374
5708	400	5719	374
5709	400	5819	374
5710	392	5820	374
5711	374	5821	374
5712	405	5853	392
5713	374	5857	374
5714	405	6031	374
5716	374		



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DRAWN NTS
CHECKED JLP

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S.P. 002-657-003, S.P. 199-113-003, S.P. 199-115-006
TH 10/169 IMPROVEMENTS
DRAINAGE PLAN

SHEET 363 OF 685

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John.Perkins
5/9/2023