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May 26, 2020

**NOTICE OF ADDENDUM
ADDENDUM 1
CONTRACT NO. 8513, PROJECT NO. 12693
RETHKE AVENUE RECONSTRUCTION ASSESSEMENT DISTRICT - 2020**

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

PLANS:

REMOVE

Remove Sheets U-5

INSERT

Insert Sheet U-5

Sheet U-5 is being revised to eliminate note from the Standard Notes section on the plan. The eliminated note is crossed in the plan.

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on the Bid Express web site at:

<http://www.bidexpress.com>

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.

Sincerely,

Robert F. Phillips, P.E., City Engineer

STORM SEWER SCHEDULE

* REV 5/26/2020 DAO

RETHKE AVE RECON ASSM'T DIST-2020	SHEET NO.
PROJECT NO. 12693	U-5
STORM SEWER SCHEDULE	
CITY OF MADISON	

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
COMMERCIAL AVE							
S-1	101+11.57	LT-13.01	6X8 SAS	864.64	858.02	6.62	(1)(2); FP
S-1A	101+00.00	LT-14.50	H INLET	864.59	861.19	3.40	LP; W/3067-7004-VB
S-1B	100+09.33	LT-14.50	H INLET	865.79	862.39	3.40	W/3067-7004-V
S-2	101+36.33	LT-24.71	5X5 SAS	864.17	858.13	6.04	FP; W/3067-7004-V
S-3	101+98.85	LT-24.61	4X4 SAS	865.75	858.45	7.30	(1)(3)(4); W/1550-0054
S-3A	102+00.00	LT-14.50	H INLET	864.36	860.96	3.40	LP; W/3067-7004-VB
S-10	99+53.90	RT-26.98	18" AE	-	859.14	-	
S-11	99+53.81	LT-18.53	18" AE	-	863.32	-	
RETHKE AVE							
S-4	10+66.49	LT-17.00	3X3 SAS	864.33	858.34	5.99	LP; W/3067-7004-VB
S-4A	10+66.49	RT-17.00	H INLET	864.64	861.55	3.09	LP; W/3067-7004-VB
S-5	11+85.93	LT-22.49	3X3 SAS	865.41	858.95	6.46	W/1550-0054
S-5A	11+89.77	LT-17.00	H INLET	865.31	860.79	4.52	W/3067-7004-V
S-5B	11+90.24	RT-17.00	H INLET	865.47	861.23	4.24	W/3067-7004-V
S-6	12+89.34	LT-24.57	3X3 SAS	866.05	860.08	5.97	W/1550-0054; (5)
S-7	14+63.39	LT-22.64	3X3 SAS	874.32	867.50	6.82	FP; W/1550-0054; (6)
S-8	16+02.50	LT-31.11	3X3 SAS	882.27	876.32	5.95	FP; W/1550-2578; (7)

STORM STRUCTURE REMOVALS

STRUC NO	ID NO	STATION	LOCATION (OFFSET)	TYPE	NOTES
COMMERCIAL AVE					
RS-1	AS 6036-031	101+21.98	LT-24.58	5X7 CB	
RS-2	AS 6136-001	101+88.33	LT-25.18	3X3 SAS	
RS-3	AS 6136-002	102+06.70	LT-24.71	3X3 SAS	
RS-UNK	UNK INLET	100+92.31	LT-19.64	CONC. CHANNEL	
RETHKE AVE					
RS-4	IN 6136-004	11+84.41	RT-32.18	INLET	
RS-5	AS 6036-034	13+72.27	LT-22.10	3X3 SAS	

SPECIFIC NOTES:

- (80)
- PROVIDE ADDITIONAL REINFORCEMENT AT CONCRETE OPENINGS PER SDD 5.7.3
 - STA-OFFSET GIVEN @ CENTER; TOC GIVEN FOR CURB INLET; INSTALL TWO (2) CASTINGS; 3067-7004-V & 1550-0054
 - INSTALL 8" PVC STUB W/CAP @ EI = 861.72 (N)
 - EXTEND EX 36" RCP (7 FT) W/ COLLAR (PAID AS BID ITEM 50499)
 - RECONNECT EX 12" PVC PRIVATE STORM @ EI = 862.70 (W); PAID AS BID ITEM 50793
 - RECONNECT EX 24" RCP STORM @ EI = 868.98 (N)
 - OFFSET CASTING TO WEST OF RETAINING WALL

STANDARD NOTES:

-PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

* -KOR-N SEAL BOOTS OR EQUIVALENT SHALL BE USED FOR ALL PIPE CONNECTIONS TO PRECAST INLETS. IN ADDITION, KOR-N SEAL BOOTS SHALL BE REQUIRED FOR ANY TYPE II PIPE CONNECTIONS TO SAS STORM STRUCTURES. CONCRETE COLLARS OR KOR-N SEAL MAY BE USED FOR ANY RCP OR HERCP CONNECTIONS TO SAS STORM STRUCTURES.

-ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.

-ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
COMMERCIAL AVE										
P-1	S-1	S-2	858.02	858.13	27	20	0.54%	36"	RCP	
P-1A	S-1	S-1A	860.02	861.19	12	6	18.66%	12"	RCP	
P-1B	S-1A	S-1B	861.29	862.39	91	88	1.25%	12"	RCP	
P-2	S-2	S-3	858.40	858.45	63	58	0.09%	36"	RCP	
P-2A	S-3	S-3A	860.45	860.96	10	7	7.05%	12"	RCP	
P-10	S-10	S-11	859.14	863.32	46	45	9.30%	18"	RCP	
RETHKE AVE										
P-3	S-2	S-4	858.23	858.34	21	17	0.65%	30"	RCP	
P-3A	S-4	S-4A	859.84	861.55	34	32	5.41%	12"	RCP	
P-4	S-4	S-5	858.44	858.95	120	117	0.44%	30"	RCP	
P-4A	S-5	S-5A	860.45	860.79	7	4	9.26%	12"	RCP	
P-4B	S-5A	S-5B	860.89	861.23	34	32	1.06%	12"	RCP	
P-5	S-5	S-6	859.05	860.08	103	100	1.03%	30"	RCP	
P-6	S-6	S-7	860.58	867.50	174	171	4.04%	24"	RCP	
P-7	ADJ-2X	S-8	875.88	876.32	15	13	3.44%	12"	RCP	TAP ADJ-2

STORM PIPE REMOVALS/ABANDONMENTS

REMOVE NO	REMOVE FROM	REMOVE TO	LGTH (FT)	PIPE SIZE	PIPE TYPE	PAID (Y/N)	PAY LGTH (FT)	NOTES
RP-1	RS-1	RS-5	333	24"	RCP	Y	122	
RP-2	RS-5	S-7	86	24"	RCP	N	0	
RP-3	RS-1	RS-2	66	42"	RCP	Y	66	
RP-4	RS-2	RS-3	18	42"	RCP	Y	18	
RP-5	RS-2	RS-4	144	18"	CMP	Y	144	
RP-10	RS-UNK	100+00, LT 18.82'	139	18"	CMP	Y	139	REM 91' & 48' TO BE ABN W/ SLURRY
ABN-1	100+75.33, RT 24.08'	RS-UNK	47	18"	CMP	Y	47	ABN W/ SLURRY

STORM STRUCTURE ADJUSTMENTS

ADJUST NO	STATION	LOCATION (OFFSET)	EX TOC ELEV	ADJUST ELEV	ADJUST DIFF	NOTES
RETHKE AVE						
ADJ-1	15+86.60	LT-20.44	879.78	878.86	-0.92	
ADJ-2	15+44.86	LT-23.19	879.24	879.36	0.12	

STORM SEWER ULOS

ULO NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
RETHKE AVE				
ULO1	10+45.45	LT-12.06	WATER	
ULO2	10+66.42	LT-12.00	WATER	
ULO3	11+89.84	LT-12.25	WATER	
ULO4	12+80.53	LT-24.82	GAS	
ULO5	14+51.98	LT-22.57	TEL	
COMMERCIAL AVE				
ULO6	101+99.42	LT-19.58	GAS	
ULO7	101+99.99	LT-15.00	TEL	

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS'S.

- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT DANIEL OLIVARES OF CITY ENGINEERING AT (608) 261-9285 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO DAOLIVARES@CITYOFMADISON.COM.