



Department of Public Works
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May 8, 2013

NOTICE OF ADDENDUM

ADDENDUM NO. 1

**WHEELER RD, DELAWARE BLVD AND NORTHLAND DR
RESURFACING ASSESSMENT DISTRICT – 2013**

CONTRACT NO. 7015

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

DELETE: Delete page U-14

INSERT: Insert page U-14 (revised 5/7/13)

SPECIAL PROVISIONS

DELETE: Delete pages D-5 and D-7

INSERT: Insert pages D-5 and D-7 (revised 5/7/13)

PROPOSAL

DELETE BID ITEMS:

50471 – 54 Inch RCP AE - (1) EA

50611 – 54 Inch RCP AE Gate - (1) EA

INSERT BID ITEMS:

50487 – 43 INCH X 68 INCH HERCP AE - (1) EA

50627 – 43 INCH X 68 INCH HERCP AE GATE - (1) EA

Summary of Addendum 1:

- Revised storm sewer apron end and apron end gate to match proposed pipe size.
- Revised Completion Date for Wheeler Road portion of the project

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

May 8, 2013

Page 2

Electronic version of these documents can be found on Bid Express at <https://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.

A handwritten signature in black ink, appearing to read "Robert Phillips". The signature is stylized with large, flowing loops for the first and last names.

Robert F. Phillips, City Engineer

plan and traffic control devices have been installed, in accordance with the approved plan. Failure of the Contractor to obtain approval of a Traffic Control Plan, as specified above, may prevent the Contractor from starting work and shall be considered a delay of the project, caused by the Contractor.

The Contractor shall be responsible for installing and maintaining traffic control in accordance with the approved Traffic Control Plan and as directed by these Special Provisions and the City Traffic Engineer. The traffic control plan may need to be altered as conditions change in the field or as unexpected conditions occur. This may include relocating existing traffic control or providing additional traffic control. The Contractor shall install and maintain any necessary modifications or additions to the traffic control, as directed by the City Traffic Engineer, at no cost to the City.

The Contractor shall be responsible for signing, marking and maintaining all detour routes and/or alternate access routes, which are necessary for this project.

Type A warning lights shall be installed on all barricades used in the project per State of Wisconsin S.D.D. 15C2-4B. Contractor shall also place Type C warning lights on any barrels used to taper traffic or lane closures. All said lights shall be functional and operating from sundown to sunrise for the duration of the project.

All signing and barricading shall conform to Part VI of the Federal Highways Administrations "Manual on Uniform Traffic Control Devices" (MUTCD), the State of Wisconsin Standard Facilities Development Manual (including Chapter 16 - Standard Detail Drawings) and the City of Madison Standards for Bikeway and Sidewalk closures as shown in the City of Madison Standard Specifications for Public Works Construction, Part VIII Standard Detail Drawings, Detail Drawings Nos. 6.30 and 6.38.

The Contractor may remove parking within the project limits as indicated on the Traffic Control Plan. The Contractor shall be responsible for posting and maintaining NO PARKING signs in accordance with City of Madison Police Department's "Guidelines for Temporary No Parking Restrictions for Construction or Special Events".

Work on this project shall not begin prior to June 17, 2013. Delaware Blvd and Northland Dr shall have signs and pavement markings installed and be fully open to traffic prior to August 28, 2013. See Standard Specifications 107.10 Opening of Section of Highway to Traffic concerning the type of notice to the Traffic Engineering Field Operations Facility and amount of lead time that required before signs and pavement markings will be installed. Also see Special Provisions 107.10 for the amount of work which must be completed, before notifying the Traffic Engineering Operations Facility to install sign and markings.

Wheeler Road from American Ash Drive to School Road may be closed to through traffic for the duration of the project. Two way traffic shall be maintained at all times through the intersection of Wheeler Road and School Road.

Northland Drive and Delaware Boulevard may be closed to through traffic, but not both streets at the same time. Two lanes of traffic (one in each direction) must be maintained at all times on either Northland Drive or Delaware Boulevard and the two way traffic shall be maintained through the intersections of Northland Drive with Delaware Boulevard and Wheeler Road with Delaware Boulevard. During construction of water main at the Delaware Boulevard and Northland Drive intersection, flaggers will be required to maintain two-way traffic.

Advance notice of closure to through traffic including the date of such closure shall be provided, for at least one full week, prior to closure. Said notice shall be provided at the project ends and at all intersecting streets, by means of signage on type III barricades.

The work areas shall be backfilled, plated, or protected by traffic control devices during non-working hours. If steel plates are used, the Contractor shall notify the City of Madison Streets Division, 266-4681, (1) working day prior to placement of the plates.

SECTION 108.2 PERMITS

The City of Madison has submitted a DNR Notice of Intent (NOI) to obtain coverage under a Construction Site General Permit. A City of Madison Erosion Control permit has been obtained and weekly inspections shall be completed by City Staff.

The Contractor shall meet the conditions of the City of Madison erosion control permit by properly installing and maintaining the erosion control measures shown on the plans, specified in these Special Provisions, or as directed by the Construction Engineer or his designees. This work will be paid for under the appropriate contract bid items or, if appropriate items are not included in the contract, shall be paid for as Extra Work. A copy of the permit is available at the City of Madison, Engineering Division office.

SECTION 109.2 PROSECUTION OF THE WORK

The Contractor shall begin work on or after JUNE 17, 2013. The date of completion for the Delaware Rd and Northland Dr portions of the project shall be AUGUST 28, 2013. The completion date for the Wheeler Rd portion of the contract shall be SEPTEMBER 13, 2013. The Contractor shall be required to complete the work in the time frame provided and under the traffic restrictions outlined in these provisions.

Work shall begin only after the start work letter is received. If it is desirable to begin work before the above-mentioned date, the Contractor shall establish a mutually acceptable date with the City Engineer (contact the Construction Engineer at 266-4089). The Contractor shall be required to limit workdays to 7:00 PM and work shall not be performed on holidays.

SECTION 109.9 LIQUIDATED DAMAGES

The fixed daily liquidated damages shall be in accordance to the section 109.9 of the Standard Specifications for failure to complete work within the allotted timeframe.

BID ITEM 20221 – TOPSOIL

BID ITEM 20701 – TERRACE SEEDING

BID ITEM 21061 – EROSION MATTING, CLASS I, URBAN TYPE A

Terrace restoration for lateral replacement shall be limited to a fifteen (15) foot maximum width of payment for each lateral. Any restoration needed to restore the site outside of the 15 foot width shall be the responsibility of the Contractor.

ARTICLE 203.2 DISPOSING OF MATERIALS

The Contractor shall comply with Section 203.2 of the City of Madison Standard Specifications for Public Works Construction with regard to salvaging castings.

BID ITEM 20223 REMOVE CONCRETE SIDEWALK AND DRIVE

BID ITEM 30302 7-INCH CONCRETE SIDEWALK AND DRIVE

Bid Item 20223 - Remove Concrete Sidewalk and Drive and Bid Item 30302 - 7-Inch Concrete Sidewalk and Drive shall be utilized for removing and replacing pedestrian ramps that are changing from type I pedestrian ramps to type II pedestrian ramps as shown in the plans. All other sidewalk and drive apron items shall be paid under their respective resurfacing remove and replace bid items.

BID ITEM 20336 – PIPE PLUG SANITARY

All work under this item shall comply with Article 203 of the Standard Specifications. Any plugs required to abandon the existing sanitary main where laterals are being extended shall be considered incidental to the BID ITEM 50353 – SANITARY SEWER LATERAL. Where structures are being called for abandonment removal, concrete plugs on the sewer mains shall be considered incidental to remove or abandonment of the sewer access structure.

STORM SEWER SCHEDULE

ALIGNMENT CODES:

'WR' =WHEELER RD
'ND' =NORTHLAND DR

* REVISED 5/7/13 EEA

WHEELER RD, DELAWARE BLVD &
NORTHLAND DR RESURFACING - 2013

SHEET NO.
U-14

PROJECT NO. 53W1555

WHEELER RD
STORM SEWER SCHEDULE
CITY OF MADISON

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-0	20'WR'+73.70	LT-14.30	STM TAP	-	855.93	-	TAP EX IN 4920-005
S-1	20'WR'+72.72	LT-9.00	3X3 SAS	859.74	855.97	3.77	FP; W/ R-1550-0054; (1)
S-2	18'WR'+15.28	LT-9.00	3X3 SAS	860.97	857.25	3.72	FP; W/ R-1550-0054
S-2A	18'WR'+15.28	RT-15.50	H INLET	861.01	857.87	3.14	W/ R-3067-7004-V
S-2B	18'WR'+15.28	LT-15.50	H INLET	861.11	857.79	3.32	W/ R-3067-7004-V
S-3	17'WR'+55.04	LT-9.00	3X3 SAS	861.27	857.55	3.72	FP; W/ R-1550-0054
S-3A	17'WR'+27.58	RT-15.50	H INLET	861.52	858.24	3.28	LP; W/ R-3067-7004-V
S-3B	17'WR'+55.60	RT-38.49	H INLET	861.76	858.29	3.47	W/ R-3067-7004-V
S-3C	17'WR'+87.20	RT-38.49	H INLET	861.59	858.45	3.14	W/ R-3067-7004-V
S-4	15'WR'+41.00	LT-7.00	3X3 SAS	862.36	858.62	3.74	FP; W/ R-1550-0054
S-5	14'WR'+25.72	LT-6.00	3X3 SAS	862.94	859.19	3.75	FP; W/ R-1550-0054
S-5A	14'WR'+25.72	RT-15.50	H INLET	863.12	859.80	3.32	W/ R-3067-7004-V
S-6	13'WR'+65.75	LT-6.00	3X3 SAS	863.25	859.49	3.76	FP; W/ R-1550-0054
S-6A	13'WR'+37.98	RT-15.50	H INLET	863.37	860.17	3.20	LP; W/ R-3067-7004-V
S-6B	13'WR'+65.75	RT-38.80	H INLET	863.76	860.22	3.54	W/ R-3067-7004-V
S-6C	13'WR'+97.50	RT-42.00	H INLET	863.78	860.38	3.40	W/ R-3067-7004-V
S-7	10'WR'+97.76	LT-6.00	3X3 SAS	864.60	861.08	3.52	W/ R-1550-0054
S-7A	10'WR'+97.76	RT-15.50	H INLET	864.63	861.44	3.19	W/ R-3067-7004-V
S-7B	10'WR'+97.76	LT-15.50	H INLET	864.67	861.38	3.29	W/ R-3067-7004-V
* S-10	27'WR'+05.00	LT-31.00	43"X68"HERCP AE	-	852.00	-	W/ GATE
S-11	27'WR'+05.00	LT-15.50	6X6 CB	857.52	852.08	5.44	FP; W/ R-3067-7004-V; (2); (3); (4)
S-12	26'WR'+90.82	LT-15.50	4X4 SAS	857.46	852.15	5.31	FP; W/ R-1550-0054
S-12A	26'WR'+28.00	LT-15.50	H INLET	857.22	854.22	3.00	LP; W/ R-3067-7004-V
S-12B	26'WR'+86.08	LT-23.60	50 DEGREE RCP BEND	-	852.77	-	INSTALL SEWER MARKER BALL
S-12C	26'WR'+68.92	RT-16.70	STM TAP	-	853.40	-	TAP EX AS 5020-008
S-12D	26'WR'+47.08	RT-15.43	H INLET	856.75	853.51	3.24	LP; W/ R-3067-7004-V
S-12E	26'WR'+72.00	RT-40.38	H INLET	857.07	853.52	3.55	W/ R-3067-7004-V
S-13	27'WR'+24.51	LT-15.50	4X4 SAS	857.60	853.68	3.92	FP; W/ R-1550-0054
S-13A	27'WR'+56.46	RT-16.21	H INLET	856.95	853.43	3.52	LP; W/ R-3067-7004-V
S-13B	27'WR'+05.64	RT-30.69	STM TAP	-	853.07	-	TAP EX AS 5020-019
S-13C	27'WR'+39.53	RT-37.00	H INLET	857.29	853.89	3.40	W/ R-3067-7004-V
S-14	30'WR'+05.40	LT-15.50	H INLET	859.74	855.33	4.41	W/ R-3067-7004-V
S-14A	30'WR'+04.90	RT-41.99	H INLET	859.72	856.48	3.24	W/ R-3067-7004-V
S-14B	30'WR'+35.05	RT-41.99	H INLET	860.30	856.90	3.40	LP; W/ R-3067-7004-V
S-14C	30'WR'+59.90	RT-15.50	H INLET	860.90	857.50	3.40	W/ R-3067-7004-V

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-0	S-0	S-1	7	855.93	855.97	0.57%	18"	RCP	-
P-1	S-1	S-2	257	855.97	857.25	0.50%	18"	RCP	-
P-2	S-2	S-3	60	857.25	857.55	0.50%	18"	RCP	-
P-2A	S-2	S-2A	24	857.75	857.87	0.50%	12"	RCP	-
P-2B	S-2	S-2B	7	857.75	857.79	0.57%	12"	RCP	-
P-3	S-3	S-4	213	857.55	858.62	0.50%	18"	RCP	-
P-3A	S-3	S-3A	37	858.05	858.24	0.51%	12"	RCP	-
P-3B	S-3	S-3B	47	858.05	858.29	0.51%	12"	RCP	-
P-3C	S-3B	S-3C	32	858.29	858.45	0.50%	12"	RCP	-
P-4	S-4	S-5	114	858.62	859.19	0.50%	18"	RCP	-
P-5	S-5	S-6	60	859.19	859.49	0.50%	18"	RCP	-
P-5A	S-5	S-5A	21	859.69	859.80	0.52%	12"	RCP	-
P-6	S-6	S-7	268	859.74	861.08	0.50%	15"	RCP	-
P-6A	S-6	S-6A	35	859.99	860.17	0.51%	12"	RCP	-
P-6B	S-6	S-6B	45	859.99	860.22	0.51%	12"	RCP	-
P-6C	S-6B	S-6C	31	860.22	860.38	0.52%	12"	RCP	-
P-7	S-7	S-7B	10	861.33	861.38	0.50%	12"	RCP	-
P-7A	S-7	S-7A	21	861.33	861.44	0.52%	12"	RCP	-
P-10	S-10	S-11	15	852.00	852.08	0.53%	43"X68"	RCP	-
P-11	S-11	S-12	14	852.08	852.15	0.50%	36"	RCP	NCM
P-12	S-12	S-12A	62	853.91	854.22	0.50%	12"	RCP	NCM
P-12A	S-12	S-12B	9	852.15	852.77	6.89%	36"	RCP	-
P-12B	S-12C	S-12D	22	853.40	853.51	0.50%	12"	RCP	-
P-12C	S-12C	S-12E	24	853.40	853.52	0.50%	12"	RCP	-
P-13	S-11	S-13	19	853.58	853.68	0.53%	18"	RCP	-
P-13A	S-13	S-13A	45	853.20	853.43	0.51%	12"	RCP	NCM
P-13B	S-13B	S-13C	34	853.07	853.89	2.41%	12"	RCP	-
P-14	S-13	S-14	281	853.93	855.33	0.50%	15"	RCP	-
P-14A	S-14	S-14A	57	855.58	856.48	1.58%	12"	RCP	-
P-14B	S-14A	S-14B	30	856.48	856.90	1.40%	12"	RCP	-
P-14C	S-14B	S-14C	36	856.90	857.50	1.67%	12"	RCP	-

SPECIFIC NOTES

- (1) RECONNECT EX 15" STM TO SOUTH
(2) W/ 3FT SUMP BELOW LISTED INVERT
(3) POUR PIPE WALL INTO ROOF
(4) SDD 5.7.4 MODIFIED TO USE ONE (1) R-3067-7004 CASTING

STANDARD NOTES:

-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

- 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.

- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
-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 ELIA E. ACOSTA OF CITY ENGINEERING AT (608) 266-4096 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

ULO SCHEDULE

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO-0	13'WR'+65.75	RT-20.00	GAS	-
ULO-1	17'WR'+55.35	RT-20.24	GAS	-
ULO-2	19'WR'+57.50	LT-9.00	ELEC	-
ULO-3	30'WR'+04.90	RT-20.00	GAS	-
ULO-3A	30'WR'+56.00	RT-19.63	GAS	-
ULO-4	30'WR'+39.83	RT-37.00	GAS	-