City of Fond du Lac
First on the Lake
Website: www.fdl.wi.gov
City-County Government Center
160 S. Macy Street~P.O. Box 150~Fond du Lac, WI 54936-0150

March 9, 2012

ADDENDUM #1
2012 UTILITY AND STREET CONSTRUCTION
CITY OF FOND DU LAC, WI
FILE NO. 2012-034

NOTICE IS HEREBY GIVEN that the following changes have been made on the above titled project.

Method of measurement of sewers from page S-5 of the Detailed Specifications for Sewer Construction is revised as follows. The payment length for sanitary sewer and storm sewer main shall be measured along the centerline of the sewers from the inside of the manhole wall to the inside of the manhole wall of consecutive manholes. The footage to be paid for shall not include the inside diameter through the manholes.

Project work hours shall be limited to 7 am to 7 pm.

The bid item for Remove and Replace Mailbox shall also include all materials and labor to repair and replace the mailbox and post in a condition equal to or better than the existing mailbox. If the mailbox or post is broken in the process of removal, the Contractor shall replace the broken parts with similar new parts.

Bid item 20 - 4" SDR-35 Storm Sewer Laterals shall be replaced with Bid Item 20 - Connect 6" Storm Sewer Lateral to Existing Private Lateral. A revised sheet PC-5 is attached with this Addendum. The Schedule of Prices on the City Website has also been revised to include this change.

Connect 6" Storm Sewer Lateral to Existing Private Lateral shall include all labor, equipment, materials, fittings and all the work necessary to connect the new storm lateral to an existing storm sewer lateral that may vary in size and material in the location shown on the plans or as directed by the Engineer..

The bidder shall note the corrected plan label for proposed storm manhole #234 to include the following pipe inverts:

PROP ST MH 234
STA: 5+61.38 29.38' R
RIM 765.47
18" W OUT 760.07
12" S IN 761.84
12" NE IN 761.02
12" E IN 760.76

The bidder shall note the corrected rim elevation for the following catch basin:

PROP TYPE 'H' CB 234-NE
RIM 763.03

The bidder shall note the included detail **SDD 9F9-3: Loop Detector Placed in Crushed Aggregate Base (New Concrete Pavement)** from the Wisconsin Department of Transportation Facilities Development Manual Standard Detail Drawings. This detail shall be referenced when preparing the unit cost for item number 100, "Loop Detector, Complete In Place," in the schedule of prices.

Please acknowledge receipt of Addendum #1 as a notation on the Proposal document when completing bid.

Sincerely,

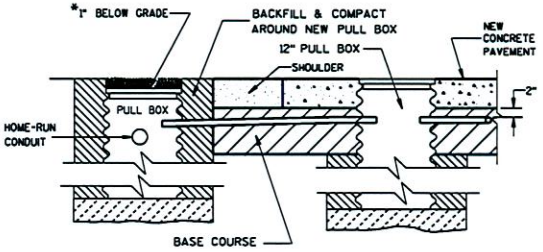
Tony Lang

Tony Lang
Civil Engineer III

Schedule of Prices
2012 Utility Installation & Street Construction
City of Fond du Lac, Wisconsin
March 15, 2012 Revised March 9, 2012

Item No.	Est. Qty	Units	Item Description	Unit Cost	Bid Amount
1	3	LF	27" Class III Reinforced Concrete Sanitary Sewer Main		$ -
2	3	LF	10" PVC SDR-35 Sanitary Sewer Main		$ -
3	3937	LF	8" PVC SDR-35 Sanitary Sewer Main		$ -
4	1	EA	Connect to Existing Sanitary Sewer Main		$ -
5	1	EA	Plug Existing 8" Sanitary Sewer Main		$ -
6	1723	LF	6" PVC SDR-35 Sanitary Sewer Laterals		$ -
7	1	EA	5-Ft Dia. Standard Precast Sanitary Sewer Manhole, Including: Frame & Cover, Complete in Place		$ -
8	18	EA	4-Ft Dia. Standard Precast Sanitary Sewer Manhole, Including: Frame & Cover, Complete in Place		$ -
9	1	EA	Core and Connect to Existing Sanitary Sewer Manhole, 8-Inch Incuding Bench Modification		$ -
10	974	LF	36" Class III Reinforced Concrete Storm Sewer		$ -
11	352	LF	30" Class III Reinforced Concrete Storm Sewer		$ -
12	1044	LF	24" Class III Reinforced Concrete Storm Sewer		$ -
13	272	LF	18" Class III Reinforced Concrete Storm Sewer		$ -
14	31	LF	15" Class III Reinforced Concrete Storm Sewer		$ -
15	1755	LF	12" Class III Reinforced Concrete Storm Sewer		$ -
16	12	LF	12" SDR-35 PVC Storm Sewer Main		$ -
17	127	LF	8" SDR-35 PVC Storm Sewer Main		$ -
18	4	EA	Connect to Existing Storm Sewer Main		$ -
19	915	LF	6" SDR-35 PVC Storm Sewer Laterals		$ -
20	6	EA	Connect 6" Storm Sewer Lateral to Existing Private Lateral		$ -
21	9	EA	6-Ft Dia. Standard Precast Storm Sewer Manhole, Including: Frame & Cover, Complete in Place		$ -
22	3	EA	5-Ft Dia. Standard Precast Storm Sewer Manhole, Including: Frame & Cover, Complete in Place		$ -
23	19	EA	4-Ft Dia. Standard Precast Storm Sewer Manhole, Including: Frame & Cover, Complete in Place		$ -
24	1	EA	4-Ft Dia. Standard Precast Storm Sewer Manhole / Inlet, Including: Frame (R-3246) & Grate (Type R), Complete in Place		$ -
25	46	EA	Type "H" Catch Basin, Including: Frame (R-3246) & Grate (Type R), Complete in Place		$ -
26	1	EA	30" Dia Field Inlet, Including: Frame (R-2560-E) and Grate (Beehive), Complete in Place		$ -
27	2	EA	24" Dia Field Inlet, Including: Frame (R-5901-E) and Grate (Type G), Complete in Place		$ -
28	2	EA	Connect to Existing Storm Sewer Manhole		$ -
29	2	EA	Connect to Existing Catch Basin		$ -
30	2	EA	Adjust Existing Catch Basin		$ -
31	2	EA	Inlet Protection - Type A		$ -
32	3	EA	Inlet Protection - Type B		$ -
33	38	EA	Inlet Protection - Type C		$ -

9F9: Loop Detector Placed in Crushed Aggregate Base (New Concrete Pavement)



SECTION A-A
NO CURB & GUTTER

LOOP DETECTOR INSTALLATION DETAILS

*RECESS PULL BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL BOX.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS SUCH AS 3M TYPE 82A1 OR APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READINGS TO THE PROJECT ENGINEER FOR EVALUATION.

ANTI-SIEZE LUBRICATING MATERIAL SHALL BE USED ON ALL THREADS OF THREADED ASSEMBLIES BEFORE INSTALLATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

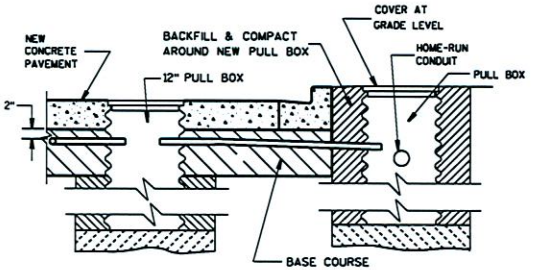
THE #12 AWG LOOP WIRE FROM THE LOOP TO THE ROADSIDE PULL BOX, SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE INSTALLATION.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL BOXES AT THE SIDE OF THE ROAD.

THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL BOX, THROUGH THE LOOP DUCT, BACK TO THE ROADSIDE PULL BOX, AND BE INSTALLED IN ONE, NON-SPLICED, CONTINUOUS LENGTH.

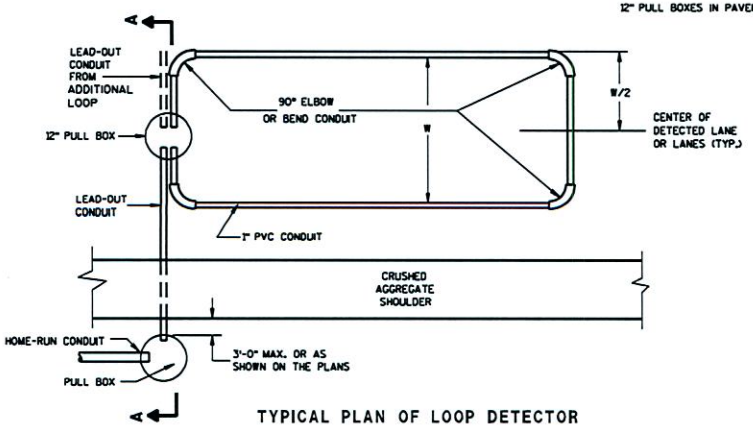
PROTECTION OF THE CONDUIT, CONDULET AND PULL BOX SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE THE NEW CONCRETE PAVEMENT IS PLACED.

12" PULL BOXES IN PAVEMENT SHALL BE CORRUGATED STEEL ONLY.

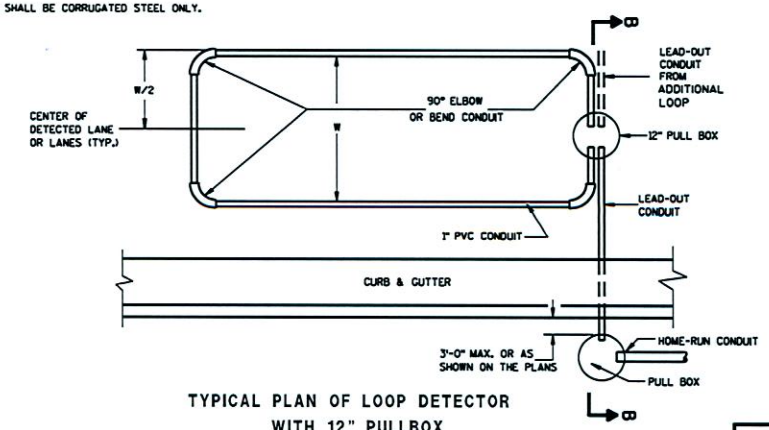


SECTION B-B
CURB & GUTTER

LOOP DETECTOR INSTALLATION DETAILS



TYPICAL PLAN OF LOOP DETECTOR
WITH 12" PULLBOX



TYPICAL PLAN OF LOOP DETECTOR
WITH 12" PULLBOX

LOOP DETECTOR PLACED
IN CRUSHED AGGREGATE BASE
(NEW CONCRETE PAVEMENT)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/7/06 — DATE
/S/ Balu Ananthanarayanan — STATE ELECTRICAL ENGINEER FOR HIGHWAYS
FHWA

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S.D.D. 9 F 9-3

S.D.D. 9 F 9-3