

Project No. H203NN01C / H203NN02C

ADDENDUM NUMBER 1

I.D. H203EE01C
West Oklahoma Avenue (CTH NN)
South 108th Street (STH 100) to West Beloit Road (CTH T)

I.D. H203NN02C
West Oklahoma Avenue (CTH NN)
West Beloit Road (CTH T) to South 76th Street (CTH U)

Project Number: H203EE01C

Project Number: H203EE02C

Date of Addendum: March 31, 2011

This Addendum to the Contract Documents is issued to modify, explain or correct the original documents, dated March 30, 2011, and is hereby made part of the Contract Documents. Acknowledge receipt of this Addendum in the space provided on the Bid Form, or bid may be rejected.

Special Provisions

The following Special Provisions are revised:

H203NN01C:

Article 17: HMA Pavement Type E-10
Replace all reference to PG58-34 with PG64-22

H203NN02C:

Article 17: HMA Pavement Type E-10
Replace all reference to PG58-34 with PG64-22

Bid Form

Replace the following bid items for each project:

H203NN01C:

(Page 2)

Replace

Item 455.0110 Asphaltic Material PG 58-34 850 TON

With

Item 455.0115 Asphaltic Material PG64-22 850 TON

Bidders are instructed to replace the bid item list in the yellow Bid Form with the attached bid item list. The Contractor shall submit his bid on the attached bid form.

H203NN02C:

(Page 2)

Replace

Item 455.0110 Asphaltic Material PG 58-34 630 TON

With

Item 455.0115 Asphaltic Material PG64-22 630 TON

Bidders are instructed to replace the bid item list in the yellow Bid Form with the attached bid item list. The Contractor shall submit his bid on the attached bid form.

Project No. H203NN01C / H203NN02C

Plans

Project H203NN01C:

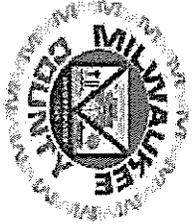
Bidders are instructed to replace plan sheets No.2 and 116 with revised plan sheets No. 2R and 116R.

Project H203NN02C:

Bidders are instructed to replace plan sheets No.2 and 108 with revised plan sheets No. 2R and 108R.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

End of Addendum No. 1



DEPARTMENT OF PUBLIC WORKS
Milwaukee County

Project ID

H203NN01C

Item No.	Item Description	Unit	Approx. Quantity	PRICE PER UNIT (\$) (In Words)	PRICE PER UNIT (\$) (In Figures)	Total (\$)
204.0100	REMOVING PAVEMENT	S. Y.	7900.00			
204.0105	REMOVING PAVEMENT BUTT JOINTS	S. Y.	3309.00			
204.0109.S	REMOVING CONCRETE SURFACE PARTIAL DEPTH	S.F.	431900			
204.0110	REMOVING ASPHALTIC SURFACE	S. Y.	1120.00			
204.0150	REMOVING CURB & GUTTER	L.F.	3530.00			
204.0155	REMOVING CONCRETE SIDEWALK	S. Y.	1150.00			
204.0195	REMOVING CONCRETE BASES	EACH	4.00			
204.0220	REMOVING INLETS	EACH	1.00			
204.0900.S	REMOVING PULL BOXES	EACH	16.00			
205.0100	EXCAVATION COMMON	C. Y.	1300.00			
208.0100	BORROW	C. Y.	23.00			
213.0100	PREPARE FOUNDATION FOR ASPHALTIC PAVING PROJECT H203NN01C	L.S.	1.00			
213.0100	FINISHING ROADWAY PROJECT H203NN01C	L.S.	1.00			
305.0120	BASE AGGREGATE DENSE 1 1/4 INCH	TON	2300.00			
311.0110	BREAKER RUN	TON	1500.00			
415.0060	CONCRETE PAVEMENT 6-INCH	S. Y.	2450.00			

Item No.	Item Description	Unit	Approx. Quantity	PRICE PER UNIT (\$) (In Words)	PRICE PER UNIT (\$) (In Figures)	Total (\$)
415.0120	CONCRETE PAVEMENT 12-INCH	S.Y.	1300.00			
415.0610	PAVEMENT TIES	EACH	500.00			
455.0115	ASPHALTIC MATERIAL PG 64-22	TON	850.00			
455.0605	TACK COAT	GAL.	1330.00			
460.1100	HHMA PAVEMENT TYPE E-4.3	TON	250.00			
460.1110	HHMA PAVEMENT TYPE E-10	TON	13350.00			
501.0231	CONCRETE CURB & GUTTER 31-INCH	L.F.	6000.00			
502.0610	CONCRETE SIDEWALK 5-INCH	S.F.	11700.00			
502.0605	CURB RAMP DETECTABLE WARNING FIELD	S.F.	400.00			
511.0420	RECONSTRUCTING MANHOLES	EACH	8.00			
511.0430	RECONSTRUCTING INLETS	EACH	24.00			
511.0555	MANHOLE COVERS TYPE Q	EACH	1.00			
511.8110	ADJUSTING MANHOLE COVERS	EACH	53.00			
511.8115	ADJUSTING INLET COVERS	EACH	8.00			
511.8120.5	TEMPORARY COVER PLATES	EACH	52.00			
519.1000	MOBILIZATION PROJECT H203NN01C	EACH	2.00			
520.0300	CONCRETE MEDIAN SLOPED ROSE	S.F.	3200.00			
524.0100	WATER	MGAL	10.00			

Item No.	Item Description	Unit	Approx. Quantity	PRICE PER UNIT (\$) (in Words)	PRICE PER UNIT (\$) (in Figures)	Total (\$)
625.0700	TOPSOIL	S.Y.	1700.00			
628.1905	MOBILIZATIONS EROSION CONTROL	EACH	2.00			
628.1910	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	2.00			
628.7010	INLET PROTECTION TYPE B	EACH	8.00			
628.7015	INLET PROTECTION TYPE C	EACH	101.00			
631.0300	SOD WATER	M GAL	5.00			
631.1000	SOD LAWN	S.Y.	1700.00			
637.0202	SIGNS REFLECTIVE TYPE II	S.F.	788.07			
638.2002	REMOVING SIGNS TYPE II	EACH	125.00			
638.3000	REMOVING SMALL SIGN SUPPORTS	EACH	44.00			
642.5200	FIELD OFFICE TYPE C PROJECT H20NNNTG	EACH	1.00			
643.0200	TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE PROJECT H20NNNTG	DAYS	180.00			
643.0300	TRAFFIC CONTROL DRUMS	DAYS	75000.00			
643.0420	TRAFFIC CONTROL BARRICADES TYPE III	DAYS	29403.00			
643.0705	TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAYS	58806.00			
643.0715	TRAFFIC CONTROL WARNING LIGHTS TYPE C	DAYS	11880.00			
643.0800	TRAFFIC CONTROL ARROW BOARDS	DAYS	810.00			
643.0900	TRAFFIC CONTROL SIGNS	DAYS	18018.00			
646.0106	PAVEMENT MARKING 4-INCH EPOXY	L.F.	2650.00			
646.0126	PAVEMENT MARKING 8-INCH EPOXY	L.F.	2060.00			
647.0166	PAVEMENT MARKING ARROWS EPOXY TYPE 2	EACH	4.00			
647.0356	PAVEMENT MARKING WORDS EPOXY	EACH	3.00			
647.0456	PAVEMENT MARKING CURB EPOXY	L.F.	1828.00			
647.0575	PAVEMENT MARKING STOP LINE EPOXY 18-INCH	L.F.	876.00			
647.0606	PAVEMENT MARKING ISLAND NOSE EPOXY	EACH	31.90			
647.0766	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH	L.F.	812.00			
647.0796	PAVEMENT MARKING CROSSWALK EPOXY 24-INCH TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH	L.F.	400.00			
649.0400	TEMPORARY PAVEMENT MARKING STOP LINE 12-INCH	L.F.	200.00			
650.4500	CONSTRUCTION STAKING SUBGRADE	L.F.	400.00			
650.5500	CONSTRUCTION STAKING CURB, GUTTER, AND CURB & CUTTER	L.F.	400.00			
650.7000	CONSTRUCTION STAKING CONCRETE PAVEMENT	L.F.	400.00			
650.8000	CONSTRUCTION STAKING RESURFACING REFERENCE	L.F.	12000.00			

Item No.	Item Description	Unit	Approx. Quantity	PRICE PER UNIT (\$) (in Words)	PRICE PER UNIT (\$) (in Figures)	Total (\$)
650.9900	CONSTRUCTION STAKING INITIAL LAYOUT	L.F.	12000.00			
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	L.F.	119.00			
652.0235	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	L.F.	82.00			
652.0815	CONDUIT SPECIAL 3-INCH	L.F.	834.00			
653.0140	PULL BOXES STEEL 24X36-INCH	EACH	10.00			
654.0101	CONCRETE BASES TYPE 1	EACH	8.00			
654.0113	CONCRETE BASES TYPE 13	EACH	4.00			
655.0220	CABLE TRAFFIC SIGNAL 4-14 AWG	L.F.	1240.00			
655.0250	CABLE TRAFFIC SIGNAL 12-14 AWG	L.F.	620.00			
655.0270	CABLE TRAFFIC SIGNAL 15-14 AWG	L.F.	630.00			
656.0615	ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG	L.F.	2930.00			
657.0100	PEDESTAL BASES	EACH	8.00			
657.0360	POLES TYPE 13	EACH	4.00			
657.0405	TRAFFIC SIGNAL STANDARDS ALUMINUM 3.5 FT	EACH	7.00			
657.0425	TRAFFIC SIGNAL STANDARDS ALUMINUM 15 FT	EACH	1.00			
657.0535	MONOTUBE MAST ARMS 35-FT	EACH	2.00			
657.0540	MONOTUBE MAST ARMS 40-FT	EACH	2.00			
657.0815	LUMINAIRE ARMS STEEL 15-FT	EACH	4.00			
658.0110	TRAFFIC SIGNAL FACE 3-12 INCH VERTICAL	EACH	4.00			
658.0120	TRAFFIC SIGNAL FACE 5-12 INCH HORIZONTAL	EACH	8.00			
658.0215	BACKPLATES SIGNAL FACE 3 SECTION 12-INCH	EACH	4.00			
658.0225	BACKPLATES SIGNAL FACE 5 SECTION 12-INCH	EACH	8.00			

Item No.	Item Description	Unit	Approx. Quantity	PRICE PER UNIT (\$) (In Words)	PRICE PER UNIT (\$) (In Figures)	Total (\$)
658.0050	PEDESTRIAN PUSH BUTTONS	EACH	8.00			
658.5099.01	SIGNAL MOUNTING HARDWARE CTH NN & CTH N	L.S.	1.00			
661.0200.01	TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS CTH NN & CTH N	L.S.	1.00			
690.0250	SAWING CONCRETE	L.F.	12500.00			
SPV.0060.01	SPECIAL SIGN POSTS U-CHANNEL	EACH	79.00			
SPV.0060.02	SPECIAL INLET COVERS TYPE 57	EACH	60.00			
SPV.0060.03	SPECIAL INTERNAL SANITARY MANHOLE SEAL	EACH	11.00			
SPV.0060.04	SPECIAL WA INSTALL INTERNAL SANITARY MANHOLE SEAL	EACH	17.00			
SPV.0060.05	SPECIAL ADJUSTING WATER VALVE BOXES	EACH	47.00			
SPV.0060.06	SPECIAL WA ADJUST WATER VALVE BOX	EACH	33.00			
SPV.0060.07	REHABILITATE INLET	EACH	27.00			
SPV.0060.08	MANHOLE COVERS TYPE 58A	EACH	3.00			
SPV.0060.09	WA ADJUST SANITARY MANHOLE FRAME	EACH	9.00			
SPV.0060.10	WA SANITARY MANHOLE REPLACEMENT	VERT FT	23.00			
SPV.0060.11	WA RECONSTRUCT SANITARY MANHOLE	EACH	10.00			
SPV.0060.12	WA ADJUST STORM MANHOLE FRAME	EACH	3.00			
SPV.0060.13	WA STORM MANHOLE REPLACEMENT	VERT FT	5.00			
SPV.0060.14	WA ADJUST CATCH BASIN FRAME	EACH	2.00			
SPV.0060.15	WA CATCH BASIN	EACH	3.00			
SPV.0060.16	PEDESTRIAN SIGNAL FACE COUNTDOWN 16-INCH	EACH	8.00			
SPV.0105.01	SPECIAL REMOVE & REINSTALL TRAFFIC SIGNAL EQUIPMENT CTH NN & CTH N	L.S.	1.00			
SPV.0105.02	SPECIAL VEHICULAR VIDEO DETECTION SYSTEM 4-CAMERA CTH NN & CTH N	L.S.	1.00			
SPV.0170.01	SPECIAL TEST ROLLING	STA	120.00			
SPV.0180.01	SPECIAL GEORGRID REINFORCEMENT	S.Y.	750.00			

TOTAL BASE BID

Total amount of items 204.0100 to SPV.0180.01, on Page 1 through 5, inclusive _____ Dollars

\$ _____



DEPARTMENT OF PUBLIC WORKS

Milwaukee County

Project ID H203NN02C

Item No.	Item Description	Unit	Approx. Quantity	PRICE PER UNIT (\$) (In Words)	PRICE PER UNIT (\$) (In Figures)	Total (\$)
204.0100	REMOVING PAVEMENT	S.Y.	1820.00			
204.0105	REMOVING PAVEMENT BUTT JOINTS	S.Y.	1820.00			
204.0109.S	REMOVING CONCRETE SURFACE PARTIAL DEPTH	S.F.	356600			
204.0150	REMOVING CURB & GUTTER	L.F.	5200.00			
204.0155	REMOVING CONCRETE SIDEWALK	S.Y.	1150.00			
204.0195	REMOVING CONCRETE BASES	EACH	6.00			
204.0220	REMOVING INLETS	EACH	3.00			
204.0250.S	REMOVING PULL BOXES	EACH	23.00			
205.0100	EXCAVATION COMMON	C.Y.	728.00			
211.8100	PREPARE FOUNDATION FOR ASPHALTIC PAVING PROJECT INSURANCE	L.S.	1.00			
213.0100	FINISHING ROADWAY PROJECT H203NN02C	L.S.	1.00			
305.0120	BASE AGGREGATE DENSE 1 1/4 INCH	TON	1400.00			
311.0110	BREAKER RUN	TON	1500.00			
415.0280	CONCRETE PAVEMENT 8 INCH	S.Y.	1450.00			
415.0120	CONCRETE PAVEMENT 12 INCH	S.Y.	885.00			
416.0170	CONCRETE DRIVEWAY 7 INCH	S.Y.	61.00			

Item No	Item Description	Unit	Approx Quantity	PRICE PER UNIT (\$) (In Words)	PRICE PER UNIT (\$) (In Figure)	Total (\$)
416.0010	PAVEMENT TIE	EACH	500.00			
455.0115	ASPHALTIC MATERIAL PG 64-22	TON	630.00			
455.0055	TACK COAT	GAL	1010.00			
460.1110	HMA PAVEMENT TYPE E-30	TON	10300.00			
601.0211	CONCRETE CURB & GUTTER 11 INCH	L.F.	5283.00			
602.0010	CONCRETE SIDEWALK 5 INCH	S.F.	11900.00			
602.0055	CURB RAMP DETECTABLE WARNING FIELD	S.F.	216.00			
611.0020	RECONSTRUCTING MANHOLES	EACH	11.00			
611.0035	MANHOLE COVERS TYPE O	EACH	2.00			
611.8110	ADJUSTING MANHOLE COVERS	EACH	38.00			
611.8115	ADJUSTING INLET COVERS	EACH	3.00			
611.8120.3	TEMPORARY COVER PLATES	EACH	38.00			
619.1000	MOBILIZATION PROJECT H2OINMG2	EACH	2.00			
620.0100	CONCRETE MEDIAN SLOPED NOSE	S.F.	2350.00			
624.0100	WATER	M GAL	10.00			
625.0100	TOPSOIL	S.Y.	850.00			
628.1000	MOBILIZATIONS EROSION CONTROL	EACH	2.00			
628.1010	MOBILIZATIONS EMERGENCY EROSION CONTROL	EACH	2.00			

Item No.	Item Description	Unit	Quantity	PRICE PER UNIT (\$) (in Words)	PRICE PER UNIT (\$) (in Figures)	Total (\$)
621.7010	INLET PROTECTION TYPE B	EACH	8.00			
628.7010	INLET PROTECTION TYPE C	EACH	83.00			
631.0200	SOD WATER	MGAL	4.00			
631.1000	SOD LAWN	S. Y.	850.00			
637.0002	SIGNS REFLECTIVE TYPE II	S. F.	437.36			
638.8002	REMOVING SIGNS TYPE II	EACH	74.00			
638.9000	REMOVING SMALL SIGN SUPPORTS	EACH	23.00			
642.2000	FIELD OFFICE TYPE C PROJECT HO30N0ZC	EACH	1.00			
643.0000	TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE PROJECT HO30N0ZC	DAYS	160.00			
643.0000	TRAFFIC CONTROL DRUHS	DAYS	7320.00			
643.0010	TRAFFIC CONTROL BARRICADES TYPE III	DAYS	28215.00			
643.0025	TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAYS	56450.00			
643.0075	TRAFFIC CONTROL WARNING LIGHTS TYPE C	DAYS	10286.00			
643.0080	TRAFFIC CONTROL ARROW BOARDS	DAYS	810.00			
643.0090	TRAFFIC CONTROL SIGNS	DAYS	16236.00			
646.0006	PAVEMENT MARKING 4-INCH EPOXY	L. F.	2096.00			
646.0016	PAVEMENT MARKING 6-INCH EPOXY	L. F.	1335.00			
647.0006	PAVEMENT MARKING ARROWS EPOXY TYPE 2	EACH	8.00			
647.0016	PAVEMENT MARKING WORDS EPOXY	EACH	5.00			
647.0416	PAVEMENT MARKING CURB EPOXY	L. F.	980.00			
647.0576	PAVEMENT MARKING STOP LINE EPOXY 18-INCH	L. F.	254.00			
647.0606	PAVEMENT MARKING ISLAND NOSE EPOXY	EACH	26.00			
647.0716	PAVEMENT MARKING CROSSWALK EPOXY 6-INCH	L. F.	1982.00			
647.0796	PAVEMENT MARKING CROSSWALK EPOXY 24-INCH TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH	L. F.	400.00			
649.0400	TEMPORARY PAVEMENT MARKING STOP LINE 12-INCH	L. F.	2000.00			
649.0500	CONSTRUCTION STAKING SUBGRADE	L. F.	1090.00			
650.5000	CONSTRUCTION STAKING CURB, GUTTER, AND CURB & GUTTER	L. F.	1000.00			
650.7000	CONSTRUCTION STAKING CONCRETE PAVEMENT	L. F.	1000.00			
650.8000	CONSTRUCTION STAKING RESURFACING REFERENCE	L. F.	8246.00			
650.9000	CONSTRUCTION STAKING INITIAL LAYOUT	L. F.	8846.00			
652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	L. F.	206.00			
652.0335	CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH	L. F.	154.00			

Item No	Item Description	Unit	PRICE PER UNIT (\$) (in Words)	PRICE PER UNIT (\$) (in Figures)	Total (\$)
652.0115	CONDUIT SPECIAL 3-INCH	L.F.	2099.00		
653.0140	PULL BOXES STEEL 24X36-INCH	EACH	9.00		
653.0145	PULL BOXES STEEL 24X42-INCH	EACH	8.00		
654.0101	CONCRETE BASES TYPE 1	EACH	7.00		
654.0110	CONCRETE BASES TYPE 10	EACH	3.00		
654.0113	CONCRETE BASES TYPE 13	EACH	5.00		
655.0220	CABLE TRAFFIC SIGNAL 4-14 AWG	L.F.	2130.00		
655.0230	CABLE TRAFFIC SIGNAL 12-14 AWG	L.F.	3720.00		
655.0270	CABLE TRAFFIC SIGNAL 15-14 AWG	L.F.	3200.00		
655.0315	ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG	L.F.	2820.00		
657.0300	PERISTAL BASES	EACH	7.00		
657.1345	POLES TYPE 9	EACH	1.90		
657.1350	POLES TYPE 10	EACH	2.90		
657.0360	POLES TYPE 13	EACH	5.90		
657.0435	TRAFFIC SIGNAL STANDARDS ALUMINUM 3.5-FT	EACH	6.90		
657.0425	TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT	EACH	6.90		
657.0235	MONOTUBE MAST ARMS 24-FT	EACH	2.90		
657.0230	MONOTUBE MAST ARMS 30-FT	EACH	3.90		
657.0240	MONOTUBE MAST ARMS 40-FT	EACH	2.90		
657.0245	MONOTUBE MAST ARMS 45-FT	EACH	3.00		
657.0115	LUMINAIRE ARMS STEEL 15-FT	EACH	7.00		
658.0110	TRAFFIC SIGNAL FACE 3-12 INCH VERTICAL	EACH	10.00		
658.0120	TRAFFIC SIGNAL FACE 6-12 INCH VERTICAL	EACH	11.00		
658.0215	BACKPLATES SIGNAL FACE 3 SECTION 12-INCH	EACH	10.00		
658.0225	BACKPLATES SIGNAL FACE 5 SECTION 12-INCH	EACH	11.00		
658.0300	PEDESTAL PUSH BUTTONS	EACH	8.00		
658.0630.01	SIGNAL MOUNTING HARDWARE CTH N1 & CTH T	L.S.	1.00		
658.0630.02	SIGNAL MOUNTING HARDWARE CTH N1 & 84TH ST	L.S.	1.00		
661.0230.01	TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS CTH N1 & CTH T	L.S.	1.00		

Item No.	Item Description	Unit	Approx Quantity	PRICE PER UNIT (\$) (in Words)	PRICE PER UNIT (\$) (in Figure)	Total (\$)
661.0200.02	TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS CTH NW & 44TH ST	L.S.	1.00			
630.0230	SAWING CONCRETE	L.F.	7500.00			
SPV.0060.01	SPECIAL SIGN POSTS V-CORNER	EACH	45.00			
SPV.0060.02	SPECIAL INLET COVERS TYPE 67	EACH	40.00			
SPV.0060.03	SPECIAL INTERNAL SANITARY MANHOLE SEAL	EACH	11.00			
SPV.0060.04	SPECIAL VA INSTALL INTERNAL SANITARY MANHOLE SEAL	EACH	3.00			
SPV.0060.05	SPECIAL ADJUSTING WATER VALVE BOXES	EACH	17.00			
SPV.0060.06	SPECIAL VA ADJUST WATER VALVE BOX	EACH	13.00			
SPV.0060.07	REHABILITATE INLET	EACH	34.00			
SPV.0060.08	MANHOLE COVERS TYPE 50A	EACH	6.00			
SPV.0060.09	VA ADJUST SANITARY MANHOLE FRAME	EACH	3.00			
SPV.0060.12	VA ADJUST STORM MANHOLE FRAME	EACH	1.00			
SPV.0060.14	VA ADJUST CATCH BASIN FRAME	EACH	1.00			
SPV.0060.15	VA CATCH BASIN	EACH	3.00			
SPV.0060.16	PEDESTRIAN SIGNAL FACE COUNTDOWN 15 INCH	EACH	16.00			
SPV.0060.17	ADJUSTING TES MANHOLE COVER	EACH	6.00			
SPV.0105.01	SPECIAL REMOVE & REINSTALL TRAFFIC SIGNAL EQUIPMENT CTH NW & CTH E	L.S.	1.00			
SPV.0105.02	SPECIAL REMOVE & REINSTALL TRAFFIC SIGNAL	L.S.	1.00			
SPV.0105.03	SPECIAL VEHICULAR VIDEO DETECTION SYSTEM 4-CAMERA CTH NW & CTH E	L.S.	1.00			
SPV.0105.04	SPECIAL VEHICULAR VIDEO DETECTION SYSTEM 4-CAMERA CTH NW & 44TH ST	L.S.	1.00			
SPV.0170.01	SPECIAL TEST ROLLING	STA	85.46			
SPV.0180.01	SPECIAL GEOGRID REINFORCEMENT	S.Y.	100.00			

TOTAL BASE BID H203NN02C

Total amount of items 204.0100 to SPV.0180.01, on Page 1 through 5, inclusive _____ Dollars

TOTAL BASE BID H203NN01C

Total amount of items PROJECT H203NN01C _____ Dollars

TOTAL BASE BID H203NN01C AND H203NN02C

GRAND TOTAL BASE BID H203NN01C AND H203NN02C
 Total amount of items PROJECT H203NN01C AND H203NN02C, inclusive _____ Dollars

_____ Dollars

LIST OF STANDARD ABBREVIATIONS

ABUT	Abutment
AGG	Aggregate
AH	Ahead
AADT	Annual Average Daily Traffic
ASPH	Asphaltic or Asphalt
BK	Back
BH	Bench Mark
CB	Catch Basin
CL or C/L	Center Line
CONC	Concrete
CTH	County Trunk Highway
CABC	Crushed Aggregate Base Course
C&G	Curb and Gutter
DIV	Design Hourly Volume
DD	Directional Distribution
DIVY	Driveway
EL or ELEV	Elevation
ESALS	Equivalent Single Axle Loads
EBS	Excavation Below Subgrade
CWT	Hubweight
INL	Inlet
INV	Invert
MH	Manhole
PAVI	Point
PT	Portion of Cement Concrete
PCC	Reference Line
RL or R/L	Required Right-of-Way Section
REDD	Standard Detail Drawing
R/W	State Trunk Highway Station
SEC	Storm Sewer Pipe Reinforced Concrete
SDD	Temporary Limited Easement
STH	Velocity or Design Speed
STA	Vertical
SSPRC	Vertical Curve
TLE	Vertical Point of Intersection
V	Vertical Point of Tangency
VERT	
VC	
VPC	
VPI	
VPT	

PROJECT NUMBER: H203NN01C

HWY: W. OKLAHOMA AVE (GTH NN)

COUNTY: MILWAUKEE

GENERAL NOTES

NOT TO SCALE

SHEET NO. 2R

REVISIONS

DATE

BY

DESCRIPTION

REVISIONS

DATE

GENERAL NOTES

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

TREES IN THE TERPAGE ARE NOT SHOWN ON THE PLANS. ALL TREES SHALL REMAIN.

EXACT LOCATION OF ALL DRIVEWAY ENTRANCES TO BE DETERMINED BY THE ENGINEER IN THE FIELD.

ALL RADIUS SHOWN ON THE PLAN WHERE THERE IS CONCRETE CURB & GUTTER ARE MEASURED TO THE FLANGE LINE.

TRANSVERSE JOINTS IN THE CONCRETE WALK SHALL BE CONSTRUCTED AT INTERVALS EQUAL TO THE WIDTH OF THE CONCRETE WALK UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

WHEN QUANTITY OF THE ITEMS OF LOWER OR UPPER LAYER IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL STAMP ALL ENDS OF NON-DUCTILE PORTLAND CEMENT CONCRETE SURFACES WITH A STAMP BEARING THEIR MAKE AND THE YEAR OF CONSTRUCTION. ALL LETTERING SHALL BE 2-INCH. THE COST OF THIS WORK SHALL BE CONSIDERED TO BE INCLUDED IN THE UNIT BID PRICES FOR OTHER PORTLAND CEMENT CONCRETE ITEMS AND NO ADDITIONAL PAYMENT WILL BE MADE.

THE LOCATION OF EXISTING, ABANDONED AND PROPOSED UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED BEFORE EXCAVATION. THE CONTRACTOR SHALL CORROBORATE ALL UTILITY ADJUSTMENTS WITH THE AFFECTED UTILITY.

APPHALT SPECIFICATIONS FOR MAINLINE AND DRIVEWAY OVERLAY

MAINLINE	NOMINAL MIXTURE SIZE	PG GRADE	THICKNESS
UPPER LAYER	12.5mm	PG64-22	175 IN.
LOWER LAYER	12.5mm	PG64-22	225 IN.
DRIVEWAYS	NOMINAL MIXTURE SIZE	PG GRADE	THICKNESS
UPPER LAYER	9.5 mm	PG64-22	200 IN.

EXCAVATION BELOW SUBGRADE (ESS) IS NOT USED TO BALANCE APPROVED AND SHOWN CROSS SECTION. THE LOCATION FOR ESS WILL BE DETERMINED BY THE ENGINEER.

THE EROSION CONTROL ITEMS SHOWN ON THE PLANS ARE AT APPROXIMATE LOCATIONS. THE EXACT LOCATION AND DIMENSIONS SHALL BE DETERMINED BY THE ENGINEER. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.

ALL DRAWS IN TAPER AND TRANSITION SECTIONS SHALL HAVE TYPE C LIGHTS ATTACHED.

DETAILS OF CONSTRUCTION NOT SHOWN ON THE PLAN SHALL CONFORM TO THE PERTINENT REQUIREMENTS AND APPLICABLE SPECIAL PROVISIONS.

CONTRACTOR SHALL UNCOVER AND CHECK ELEVATION OF EXISTING UTILITIES WHERE CROSSED BY NEW STORM SEWER. ALTERATION OF UTILITY OR REVISION OF SEWER ELEVATION MAY BE NECESSARY.

ELEVATIONS ON THIS PLAN ARE CITY OF MILWAUKEE DATUM.

TO CONVERT TO USGS DATUM, ADD 580.6.

CONTRACTOR SHALL AVOID DAMAGE TO SHALLOW DEPTH UNDERGROUND UTILITIES.

A 1/2-INCH THICK EXPANSION FILLER SHALL BE PLACED IN THE CURB & GUTTER AT BOTH ENDS OF EACH REMOVAL & REPLACEMENT SECTION AND THE COST SHALL BE INCIDENTAL TO THE CURB & GUTTER BID ITEM.

ALL BUTT JOINTS AT SIDE ROADS AND DRIVEWAYS SHALL BE SAWCUT. THE COST OF THE SAWCUT SHALL BE INCIDENTAL TO THE PERTINENT BUTT JOINT ITEM.

ALL GRASS AREAS THAT ARE DISTURBED BY CONSTRUCTION SHALL BE TOP-SOILED AND SODED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

DETAILS OF CONSTRUCTION NOT SHOWN ON THE PLAN SHALL CONFORM TO THE PERTINENT REQUIREMENTS AND APPLICABLE SPECIAL PROVISIONS.

THE BARS REQUIRED FOR THE BUS STOP PADS ARE INCIDENTAL TO THE ITEM OF CONCRETE PAVEMENT FEES 12-INCH.

THE CONTRACTOR SHALL CORROBORATE WITH THE AG'S FOR THE MOVING AND/OR THE REMOVAL OF ANY EXISTING BUS SHELTER DESIGNATED IN THE PLANS. A THREE (3) DAY NOTICE IS REQUIRED.

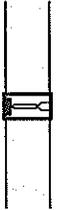
NO SIGNS SHALL BE REMOVED WITHOUT CONSENT OF THE ENGINEER.

ALL SIGNS REMOVED SHALL BE PICKED UP BY MILWAUKEE COUNTY BY THE ENGINEER TO BE PICKED UP BY MILWAUKEE COUNTY.

ALL MATCH EXISTING CONCRETE REMOVALS SHALL BE AT AN EXISTING JOINT UNLESS APPROVED BY THE ENGINEER IN THE FIELD.

INLETS MARKED FOR RECONSTRUCTION SHALL RECEIVE NEW TYPE 57 FRAME AND GRATIES AND HAVE A MINIMUM OF 4 INCHES OF BLOCK REPLACED PER THE DETAIL.

CONCRETE SIDEWALK AT CORNERS AND AT DRIVEWAYS SHALL BE 7-INCHES THICK SIDEWALK WILL BE MEASURED AND PAID AS CONCRETE SIDEWALKS 5-INCH THESE HYDRANTS ARE TO REMAIN WITHOUT ADJUSTMENT.



ORDER OF SECTION 2 SHEETS

TITLE SHEET NO.

WRITTEN MATERIALS

PROJECT OVERVIEW

TYPICAL SECTIONS

CONSTRUCTION DETAILS

INTERSECTION DETAILS

EROSION CONTROL

STORM SEWER AND UTILITIES

SIGN REMOVAL

PAVEMENT MARKING AND SIGNING

SIGNAL REMOVAL PLAN

TEMPORARY SIGNAL PLAN

TRAFFIC CONTROL

ALIGNMENT DIAGRAM

CONCRETE WORK PLAN

REVISIONS

DATE

BY

DESCRIPTION

REVISIONS

DATE

STATION	REMOVING CONCRETE SURFACE PARTIAL DEPTH S.F.	ASPHALTIC MATERIAL PG 64-22 TON	TACK COAT GAL	HMA PAVEMENT TYPE E-10 TON	HMA PAVEMENT TYPE E-0.3 TON
10+00-16+00	24307	42	68	702	0
16+00-22+00	49845	86	138	1440	0
22+00-28+00	46734	81	130	1350	0
28+00-34+00	23367	41	65	675	0
34+00-40+00	28129	49	78	813	0
40+00-46+00	48668	84	135	1406	0
46+00-52+00	50229	87	140	1451	0
52+00-58+00	48048	83	133	1388	0
58+00-64+00	62322	158	173	2640	0
64+00-70+00	49432	86	137	1428	0
DRIVEWAYS	0	0	10	0	0
BUTT JOINTS	0	0	0	0	0
SERVICE ROAD	0	15	110	0	290
UNDISTRIBUTED	819	37	13	57	0
ITEM TOTAL	431900	850	1330	13350	250

LOCATION	ITEM 415.0060 CONCRETE PAVEMENT 6- INCH	ITEM 601.0331 CONCRETE CURB & GUTTER 31- INCH	ITEM 602.0410 CONCRETE SIDEWALK 5- INCH
10+00-16+00	344	143	407
16+00-22+00	119	419	610
22+00-28+00	197	252	324
28+00-34+00	26	139	668
34+00-40+00	368	207	1167
40+00-46+00	114	316	1487
46+00-52+00	140	292	1143
52+00-58+00	337	1718	2339
58+00-64+00	569	410	2823
64+00-70+00	73	700	588
UNDISTRIBUTED	163	211	144
ITEM TOTALS	2450	5040	11700

*Quantities shown elsewhere on plan.

PROJECT NO: H203NN01C HWY: W. OKLAHOMA AVE (CTH NN) COUNTY: MILWAUKEE MISCELLANEOUS QUANTITIES SHEET 116R E

FILE NAME: H:\CAD\H203OKLAHOMA T08TH TO 76"MBSC QUANTS H203NN01C PLOT DATE: 09/12/11 PLOT BY: DMW PLOT SCALE: 1:1

Revised 3/31/11

LIST OF STANDARD ABBREVIATIONS

ABOUT	Aboutment
AGG	Aggregate
AH	Ahead
AADT	Annual Average Daily Traffic
ASPH	Asphaltic or Asphalt
BK	Back
BH	Bench Mark
CB	Catch Basin
CL or C/L	Center Line
CONC	Concrete
CTH	County Trunk Highway
CABE	Crushed Aggregate Base Course
CS&G	Curb and Gutter
DHV	Design Hourly Volume
DD	Directional Distribution
DVY	Dive-way
EL or ELEV	Elevation
ES&LS	Equivalent Single Axle Loads
EBS	Excavation Below Subgrade
CVT	Hand-Edgetight
INL	Inlet
INV	Invert
MH	Manhole
PAVT	Pavement Point
PT	Point
PCC	Portland Cement Concrete
RL or R/L	Reference Line
REQD	Required
R/V	Right-of-Way
SEC	Section
SDD	Standard Detail Drawing
STH	State Trunk Highway
STA	Station
SSPRC	Storm Sewer Pipe Reinforced Concrete
TILE	Temporary Limited Easement
V	Velocity
VERT	Vertical
VPC	Vertical Curve
VPC	Vertical Point of Curve
VPI	Vertical Point of Intersection
VPT	Vertical Point of Tangency

PROJECT NUMBER: H203NN02C HWY: W. OKLAHOMA AVE. (OTH NN) COUNTY: MILWAUKEE GENERAL NOTES NOT TO SCALE SHEET NO: 2R E

GENERAL NOTES

NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER. TREES IN THE TERRACE ARE NOT SHOWN ON THE PLANS. ALL TREES SHALL REMAIN. EXACT LOCATION OF ALL DRIVEWAY ENTRANCES TO BE DETERMINED BY THE ENGINEER IN THE FIELD. ALL RABBIT SHOWN ON THE PLAN WHERE THERE IS CONCRETE CURB & GUTTER ARE MEASURED TO THE FLANGE LINE. TRANSVERSE JOINTS IN THE CONCRETE WALK SHALL BE CONSTRUCTED AT INTERVALS EQUAL TO THE WIDTH OF THE CONCRETE WALK UNLESS OTHERWISE DIRECTED BY THE ENGINEER. WHEN QUANTITY OF THE ITEMS OF LOWER OR UPPER LAYER IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE CONTRACTOR SHALL STAMP ALL ENDS OF MOUNDING PORTLAND CEMENT CONCRETE SURFACES WITH A STAMP BEARING THEIR NAME AND THE YEAR OF CONSTRUCTION. ALL LETTERING SHALL BE 2-INCH. THE COST OF THIS WORK SHALL BE CONSIDERED TO BE INCLUDED IN THE UNIT BID PRICES FOR OTHER PORTLAND CEMENT CONCRETE ITEMS AND NO ADDITIONAL PAYMENT WILL BE MADE. THE LOCATION OF EXISTING, ABANDONED AND PROPOSED UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THERE IS NO WARRANTY OR RESPONSIBILITY TO HAVE ALL UTILITIES LOCATED BEFORE EXCAVATION. THE CONTRACTOR SHALL COORDINATE ALL UTILITY ADJUSTMENTS WITH THE AFFECTED UTILITY.

MAINLINE	NOMINAL MIXTURE SIZE	PG GRADE	THICKNESS
UPPER LAYER	12.5mm	PG64-22	175 IN.
LOWER LAYER	12.5mm	PG64-22	2.25 IN.
DRIVEWAYS	NOMINAL MIXTURE SIZE	PG GRADE	THICKNESS
UPPER LAYER	9.5 mm	PG64-22	2.00 IN.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE VARIANCE AND IS NOT SHOWN ON CROSS SECTIONS BUT IS MEASURED AND PAID FOR AS COMMON EXCAVATION. THE LOCATION FOR EBS WILL BE DETERMINED BY THE ENGINEER. THE EROSION CONTROL ITEMS SHOWN ON THE PLANS ARE AT APPROXIMATE LOCATIONS. THE EXACT LOCATION AND DIMENSIONS SHALL BE DETERMINED BY THE ENGINEER. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES. ALL DREWS IN TAPER AND TRANSITION SECTIONS SHALL HAVE TYPE C LIGHTS ATTACHED.

DETAILS OF CONSTRUCTION NOT SHOWN ON THE PLAN SHALL CONFORM TO THE PERTINENT REQUIREMENTS AND APPLICABLE SPECIAL PROVISIONS. CONTRACTOR SHALL UNCOVER AND CHECK ELEVATION OF EXISTING UTILITIES WHERE CROSSED BY NEW STORM SEWER. ALTERATION OF UTILITY OR REVISION OF SEWER ELEVATION MAY BE NECESSARY. ELEVATIONS ON THIS PLAN ARE CITY OF MILWAUKEE DATUM. TO CONVERT TO USDS DATUM, ADD 980.6. CONTRACTOR SHALL AVOID DAMAGE TO SHALLOW DEPTH UNDERGROUND UTILITIES.

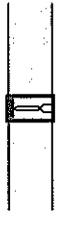
ALL BUTT JOINTS AT SIDE ROADS AND DRIVEWAYS SHALL BE SAWCUT. THE COST OF THE SAWCUT SHALL BE INCIDENTAL TO THE PERTINENT BUTT JOINT ITEM.

ALL GRASS AREAS THAT ARE DISTURBED BY CONSTRUCTION SHALL BE TOPSOILED AND SOILED UNLESS OTHERWISE DIRECTED BY THE ENGINEER. DETAILS OF CONSTRUCTION NOT SHOWN ON THE PLAN SHALL CONFORM TO THE PERTINENT REQUIREMENTS AND APPLICABLE SPECIAL PROVISIONS. THE BARS REQUIRED FOR THE BUS STOP PAVES ARE INCIDENTAL TO THE ITEM OF CONCRETE PAVEMENT HE'S 12-INCH.

THE CONTRACTOR SHALL COORDINATE WITH THE MCTS FOR THE MOVING AND/OR THE REMOVAL OF ANY EXISTING BUS SHELTER DESIGNATED IN THE PLANS. A THREE (3) DAY NOTICE IS REQUIRED. NO SIGNS SHALL BE REMOVED WITHOUT CONSENT OF THE ENGINEER.

ALL SIGNS REMOVED SHALL BE PLACED AT A SITE SPECIFIED BY THE ENGINEER TO BE PICKED UP BY MILWAUKEE COUNTY. ALL MATCH EXISTING CONCRETE REMOVALS SHALL BE AT AN EXISTING JOINT UNLESS APPROVED BY THE ENGINEER IN THE FIELD. INLETS MARKED FOR RECONSTRUCTION SHALL RECEIVE NEW TYPE 57 FRAME AND GRATES AND HAVE A MINIMUM OF 4 INCHES OF BLOCK REPLACED PER THE DETAIL.

CONCRETE SIDEWALK AT CORNERS AND AT DRIVEWAYS SHALL BE 7-INCHES THICK. THIS SIDEWALK WILL BE MEASURED AND PAID AS CONCRETE SIDEWALK 5-INCH. SOME FIRE HYDRANTS MAY BE WITHIN THE CLEAR ZONE. THESE HYDRANTS ARE TO REMAIN WITHOUT ADJUSTMENT.



Call 8 1 1
 Toll Free (800) 242-4511
 Hearing Impaired TDD (800) 542-2289
 www.DiggsWaldens.com
 WIS. STATUTE 182.0175 (1975)
 REQUIRES MIN. OF 3 WORK DAYS
 NOTICE BEFORE YOU EXCAVATE.
ORDER OF SECTION 2 SHEETS

TITLE SHEET NO.
 WRITTEN MATERIALS
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 STORM SEWER AND UTILITIES
 SIGN REMOVAL
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 TEMPORARY SIGNAL PLAN
 PERMANENT SIGNAL PLAN
 TRAFFIC CONTROL
 ALIGNMENT DIAGRAM
 CONCRETE WORK PLAN

3

ITEM 619.1000	Mobilization Project	H203NN02C	Each	2	Each
LOCATION			Each	2	
PROJ H203NN02C			Each	2	
ITEM TOTALS				2	Each

ITEM 624.0100	Water	Mgal	10	Mgal
LOCATION			10	
UNDISTRIBUTED			10	
ITEM TOTALS			10	Mgal

ITEM 628.1305	Mobilizations Erosion Control	H203NN02C	Each	2	Each
LOCATION			Each	2	
PROJ H203NN02C			Each	2	
ITEM TOTALS				2	Each

ITEM 211.0100	Prepare Foundation for Asphaltic Paving Project	H203NN02C	L.S.	1	L.S.
LOCATION			L.S.	1	
PROJ H203NN02C			L.S.	1	
ITEM TOTALS				1	L.S.

ITEM 628.1910	Mobilizations Emergency Erosion Control	H203NN02C	Each	2	Each
LOCATION			Each	2	
PROJ H203NN02C			Each	2	
ITEM TOTALS				2	Each

ITEM 213.0100	Finishing Roadway Project	H203NN02C	L.S.	1	L.S.
LOCATION			L.S.	1	
PROJ H203NN02C			L.S.	1	
ITEM TOTALS				1	L.S.

ITEM 204.0100	Removing Pavement	204.0100	S.Y.	418	
LOCATION			S.Y.	418	
70+00-76+00			S.Y.	111	
76+00-82+00			S.Y.	241	
82+00-88+00			S.Y.	208	
88+00-94+00			S.Y.	182	
94+00-100+00			S.Y.	201	
100+00-106+00			S.Y.	501	
106+00-112+73			S.Y.	79	
UNDISTRIBUTED			S.Y.	79	
ITEM TOTALS			S.Y.	1950	

ITEM 204.0105	Pavement Butts Joints	204.0105	S.Y.	541	
LOCATION			S.Y.	541	
70+00-76+00			S.Y.	0	
76+00-82+00			S.Y.	324	
82+00-88+00			S.Y.	78	
88+00-94+00			S.Y.	64	
94+00-100+00			S.Y.	413	
100+00-106+00			S.Y.	331	
106+00-112+73			S.Y.	99	
UNDISTRIBUTED			S.Y.	1850	
ITEM TOTALS			S.Y.	1850	

ITEM 204.0109.S	Removing Concrete Surface Partial	204.0109.S	S.F.	79542	
STATION			S.F.	79542	
70+00-76+00			S.F.	75	
76+00-82+00			S.F.	45570	
82+00-88+00			S.F.	49304	
88+00-94+00			S.F.	79	
94+00-100+00			S.F.	45151	
100+00-106+00			S.F.	49412	
106+00-112+73			S.F.	0	
UNDISTRIBUTED			S.F.	771	
ITEM TOTAL			S.F.	358600	

ITEM 455.0115	Asphaltic Material PG 84-22	455.0115	TON	140	
STATION			TON	140	
70+00-76+00			TON	120	
76+00-82+00			TON	127	
82+00-88+00			TON	143	
88+00-94+00			TON	127	
94+00-100+00			TON	1304	
100+00-106+00			TON	137	
106+00-112+73			TON	0	
UNDISTRIBUTED			TON	6	
ITEM TOTAL			TON	1010	

ITEM 455.0605	Tack Coat	455.0605	GAL	225	
STATION			GAL	225	
70+00-76+00			GAL	1280	
76+00-82+00			GAL	1316	
82+00-88+00			GAL	1485	
88+00-94+00			GAL	127	
94+00-100+00			GAL	1316	
100+00-106+00			GAL	1304	
106+00-112+73			GAL	1427	
UNDISTRIBUTED			GAL	0	
ITEM TOTAL			GAL	61	

PROJECT NO: H203NN02C HWY: W. OKLAHOMA AVE (CTH NN) COUNTY: MILWAUKEE MISCELLANEOUS QUANTITIES SHEET 108R E

FILE NAME: H:\CAD\DRU\2003\OKLAHOMA 108R TO 76\MISC QUANTS H203NN02C PLOT DATE: 3/31/01 PLOT BY: DMK PLOT SCALE: 1:1

Revised 3/31/01

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