



# Wisconsin Department of Transportation

**Division of Transportation Systems Development**

Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

March 5, 2019

Telephone: (608) 266-1631  
Facsimile (FAX): (608) 266-8459

**NOTICE TO ALL CONTRACTORS:**

**Proposal #16: 2060-00-76, WISC 2019 158**  
**S Chase Avenue, City of Milwaukee**  
**Ohio Ave to Lincoln Ave**  
**STH 38**  
**Milwaukee County**

**2110-00-72, WISC 2019 160**  
**W Lincoln Ave**  
**Intersect with 43<sup>rd</sup> St & 27<sup>th</sup> St**  
**Local Street**  
**Milwaukee County**

**Letting March 12, 2019**

This is Addendum No. 01, which provides for the following:

**Special Provisions:**

Added Special Provisions	
Article No.	Description
89	Notice to Contractor – On Site Crushing

**Schedule of Items (2060-00-76):**

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
201.0120	Clearing	ID	858	-151	707
201.0220	Grubbing	ID	858	-151	707
204.0100	Removing Pavement	SY	61,424	-2,348	59,076
204.0150	Removing Curb & Gutter	LF	250	6	256
204.0155	Removing Concrete Sidewalk	SY	12,990	-698	12,292
204.0220	Removing Inlets	EA	27	1	28
204.0260	Abandoning Inlets	EA	55	-5	50
205.0110	Excavation Common	CY	28,906	141	29,047
305.0120	Base Aggregate Dense 1-1/4-Inch	TON	33,571	-1,694	31,877
415.0085	Concrete Pavement 8.5-Inch	SY	58,189	4,188	62,377
416.0190	Concrete Driveway 9-Inch	SY	290	-7	283
416.0610	Drilled Tie Bars	EA	865	-380	485
416.0620	Drilled Dowel Bars	EA	98	380	478
465.0105	Asphaltic Surface	TON	160	175	335
601.0150	Concrete Curb Integral Type D	LF	10,780	-530	10,250
601.0331	Concrete Curb & Gutter 31-Inch	LF	16,170	-529	15,641
602.0410	Concrete Sidewalk 5-Inch	SF	94,415	-5,252	89,163
602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	740	-60	680

623.0200	Dust Control Surface Treatment	SY	56,610	-2,438	54,172
625.0100	Topsoil	SY	14,340	-198	14,142
631.1000	Sod Lawn	SY	14,020	-198	13,822
632.0101.01	Trees Common Baldcypress	EA	12	-3	9
632.0101.03	Trees Callery Pear	EA	19	-3	16
632.0101.04	Trees Freeman Maple	EA	22	-1	21
632.0101.07	Trees Japanese Tree Lilac	EA	16	-1	15
632.9101	Landscape Planting Surveillance and Care Cycles	EA	10	-9	1
638.2102	Moving Signs Type II	EA	10	4	14
643.0300	Traffic Control Drums	DAY	53,363	224	53,587
643.0420	Traffic Control Barricades Type III	DAY	49,171	448	49,619
643.0705	Traffic Control Warning Lights Type A	DAY	340	49,449	49,789
643.0715	Traffic Control Warning Lights Type C	DAY	900	51,437	52,337
643.0900	Traffic Control Signs	DAY	31,759	-224	31,535
644.1410.S	Temporary Pedestrian Surface Asphalt	SF	1,296	-616	680
644.1601.S	Temporary Curb Ramp	EA	6	-1	5
646.1020	Marking Line Epoxy 4-Inch	LF	18,935	-295	18,640
650.4500	Construction Staking Subgrade	LF	14,170	-600	13,570
650.7000	Construction Staking Concrete Pavement	LF	14,677	-600	14,077
650.9920.01	Construction Staking Slope Stakes 2060-00-76	LF	7,420	6,150	13,570
652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	12,165	-3,330	8,835
652.0335	Conduit Rigid Nonmetallic Schedule 80 3-inch	LF	6,905	-3,510	3,395
655.0305	Cable Type UF 2-12 AWG Grounded	LF	5,865	-80	5,785
690.0150	Sawing Asphalt	LF	1,260	70	1,330
SPV.0060.01	Inlet Covers Type 57	EA	106	-6	100
SPV.0060.05	Catch Basin Type 45A	EA	48	-4	44
SPV.0060.12	Poles Type-1	EA	10	-1	9
SPV.0060.13	Poles Type-3	EA	64	-2	62
SPV.0060.19	Pull Boxes 13-Inch x 24-Inch x 24-Inch	EA	132	-6	126
SPV.0060.25	Luminaire Architectual LED 1	EA	13	-2	11
SPV.0060.27	Luminaire Architectual LED 3	EA	129	-4	125
SPV.0060.50	Adjusting CUC Manhole Covers	EA	6	-1	5
SPV.0060.57	Installing Conduit Into Existing Manhole	EA	7	-1	6
SPV.0060.59	Internal Sanitary Manhole Seals	EA	22	2	24
SPV.0090.01	Storm Sewer Pipe Corrugated PVC 12-Inch	LF	3,648	-3,485	163
SPV.0090.02	Construction Staking Concrete Sidewalk	LF	12,810	-530	12,280
SPV.0090.05	Marking Line Epoxy 6-Inch White	LF	12,145	-100	12,045
SPV.0090.08	Cable Type 3#8/1#8 LTP	LF	2,410	-80	2,330
SPV.0090.11	Cable Type 3#2/1#8 LTP	LF	13,000	-240	12,760
SPV.0090.15	4-Duct Conduit, Cement Encased 4-Inch Rigid Nonmetallic Conduit DB-60	LF	2,775	269	2,506
SPV.0090.17	2-Duct Conduit, Cement Encased 4-Inch Rigid Nonmetallic Conduit DB-60	LF	359	11	370
SPV.0180.01	Joint Sealing	SY	56,610	5,977	62,587

<b>Added Bid Item Quantities</b>					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
202.0110	Roadside Clearing	SY	0	85	85
204.0170	Removing Fence	LF	0	75	75
608.0512	Sewer Pipe Reinforced Concrete Class V 12-Inch	LF	0	3,394	3,394

**Plan Sheets:**

<b>Revised Plan Sheets – 2060-00-76</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
1	Title Sheet (update project limits)
4	Project Overview (update project limits)
5	Typical Section (update project limits)
10	Alignment Plan (update project limits)
12-13	Removal Plans (update project limits)
35,37,42	Construction Details (update to Drainage plan)
56-57	Plan Details (update project limits)
106-107	Erosion Control (update project limits)
120-128, 130, 132, 134-136, 138, 140- 142, 144, 146, 148	Utilities and Drainage (update project limits and pipe/manhole/inlet location adjustments)
149-150	Tree Planting and Removal (update project limits)
164-166	Permanent Signing (update project limits)
200-201, 216-217	Street Lighting (update project limits and updated design)
233-234, 240	City Underground Conduit (update project limits and updated design)
252	Pavement Marking (update project limits)
268	Traffic Control & Construction Staging (update project limits)
282- 287,289- 294, 296- 301	Miscellaneous Quantities (updates to quantities)
302-305	Plan & Profile (update project limits)
414	Cut & Fill Quantities (update project limits)

<b>Deleted Plan Sheets – 2060-00-76</b>	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
73-74	Intersection Detail (removed due to change in project limits)

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

Sincerely,

*Mike Coleman*

Proposal Development Specialist  
Proposal Management Section

**ADDENDUM NO. 01**  
**2060-00-76 & 2110-00-72**  
**March 5, 2019**

**Special Provisions**

**89. Notice to Contractor – On Site Crushing.**

On-site crushing of existing pavement will be allowed on this project. Minimize dust dispersion by applying water and/or other engineer-approved dust control materials or methods. The location and dimensions of the stockpile(s) of the crushed material shall be approved by the engineer. The stockpile(s) shall not impede traffic, vehicle, or pedestrian access where required. Crushing operations shall not occur from 8:00 PM until 8:00 AM.

Any excess or unused crushed material shall be removed from the project at the contractor's expense.

**Schedule of Items**

Attached, dated March 5, 2019, are the revised Schedule of Items Pages 1 – 17.

**Plan Sheets**

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

2060-00-76

Revised: Title,4,5,10,12,13,35,37,42,56,57,106,107,120-128,130,132,134-136,138,140-142,144,146,148-150,164-166,200,201,216,217,233,234,240,252,268, 282-287,289-294, 296-305,414

Deleted: 73, 74

END OF ADDENDUM

STATE PROJECT	FEDERAL PROJECT
2060-00-76	
CONTRACT	
I	

STATE OF WISCONSIN  
 DEPARTMENT OF TRANSPORTATION  
 PLAN OF PROPOSED IMPROVEMENT  
**SOUTH CHASE AVENUE - CITY OF MILWAUKEE**  
 OHIO AVE TO LINCOLN AVE  
 S.T.H. 38  
 MILWAUKEE COUNTY

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 1  
 March 5, 2019

Accepted For  
 City of Milwaukee

Original Plans Prepared By  
 SAMIR M A AMIN  
 E-29709  
 MILWAUKEE WI  
 PROFESSIONAL ENGINEER

2/27/19 (Date)  
 City Engineer

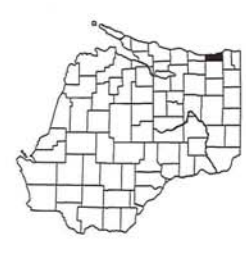
STATE OF WISCONSIN  
 DEPARTMENT OF TRANSPORTATION

PREPARED BY  
 Surveyor: City of Milwaukee  
 Designer: City of Milwaukee  
 Project Manager: Christine Hanna  
 Region Examiner: Reem Shabin  
 Region Supervisor: C.O. Examiner

APPROVED FOR THE DEPARTMENT  
 DATE: 2/28/19  
 Christine Hanna  
 (Signature)

ORDER OF SHEETS

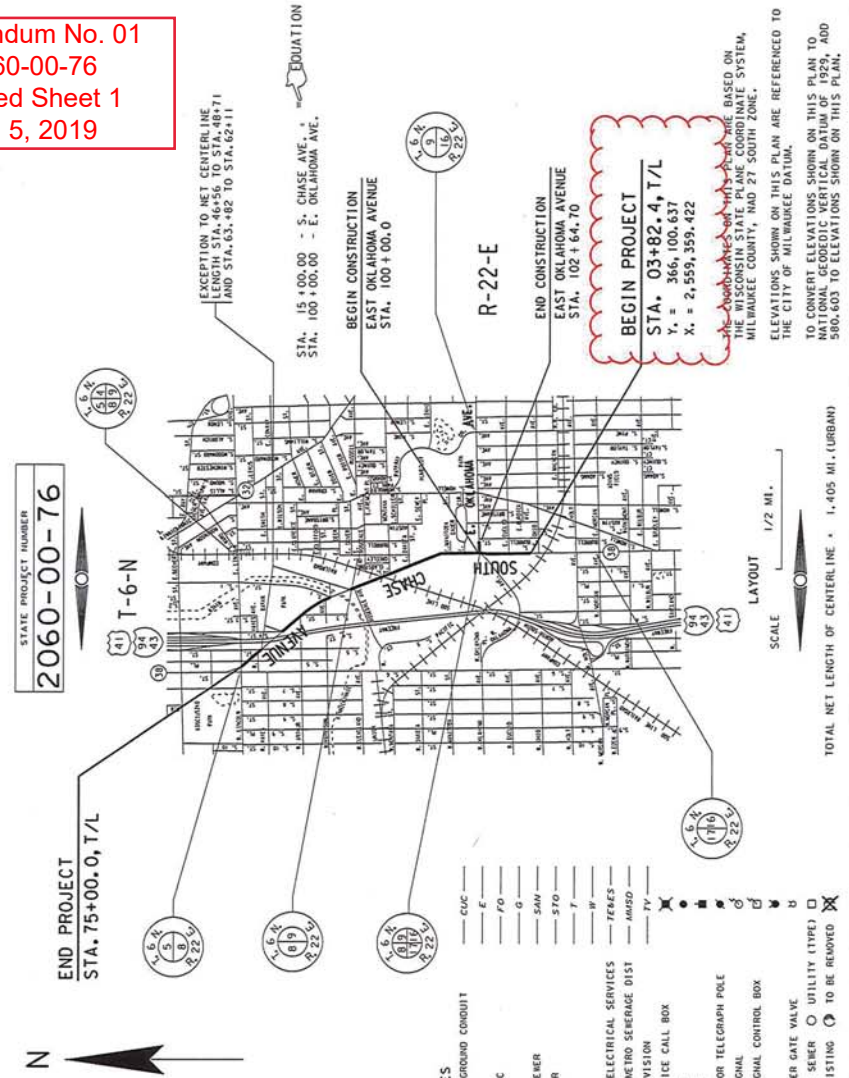
SECTION NO.	TITLE
1	TYPICAL SECTIONS AND DETAILS
2	ESTIMATE OF QUANTITIES
3	MISCELLANEOUS QUANTITIES
4	RIGHT-OF-WAY PLAN
5	PLAN AND PROFILE
6	STANDARD DETAIL DRAWINGS
7	SIGN PLATES
8	STRUCTURE PLAN
9	COMPUTER EARTHWORK DATA
10	GRASS SECTIONS



DESIGN DESIGNATION

A-D.T. (CURRENT)	14,200
A-D.T. (2033)	16,300
D-H.V.	1,800
D.	63%
T.	6.5%
DESIGN SPEED	40 M.P.H.
ESALS	3,024,700

- CONVENTIONAL SYMBOLS
- PLAN
  - COUNTY LINE
  - TOWNSHIP OR RANGE LINE
  - SECTION LINE
  - CORPORATE OR CITY LIMITS
  - PROPERTY LINE
  - STANDARD BENCH MARK
  - EXISTING RIGHT OF WAY LINE
  - PROPOSED SEWER LATERAL
  - REFERENCE LINE
  - CONCRETE WALL/JOINT, REMOVAL
  - LIMITS OF CONCRETE PAVEMENT REMOVAL
  - COMBUSTIBLE FLUIDS
  - RAILROADS
  - FENCE
  - CATCH BASIN OR INLET
  - PROFILE
  - GRADE LINE
  - ORIGINAL GROUND
  - GRADE ELEVATION
- UTILITIES
- CITY UNDERGROUND CONDUIT
  - ELECTRIC
  - FIBER OPTIC
  - GAS
  - SANITARY SEWER
  - STORM SEWER
  - TELEPHONE
  - WATER
  - TRAFFIC & ELECTRICAL SERVICES
  - MILWAUKEE METRO SEWERAGE DIST
  - CABLE TELEVISION
  - FIRE & POLICE CALL BOX
  - LIGHT POLE
  - POWER POLE
  - TELEPHONE OR TELEGRAPH POLE
  - TRAFFIC SIGNAL
  - TRAFFIC SIGNAL CONTROL BOX
  - HIGHWAY
  - GAS OR WATER GATE VALVE
  - MANHOLES - SEWER
  - UTILITY (TYPE)
  - TREES - EXISTING
  - TREES - TO BE REMOVED



ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, MILWAUKEE COUNTY, NAD 27 SOUTH ZONE.

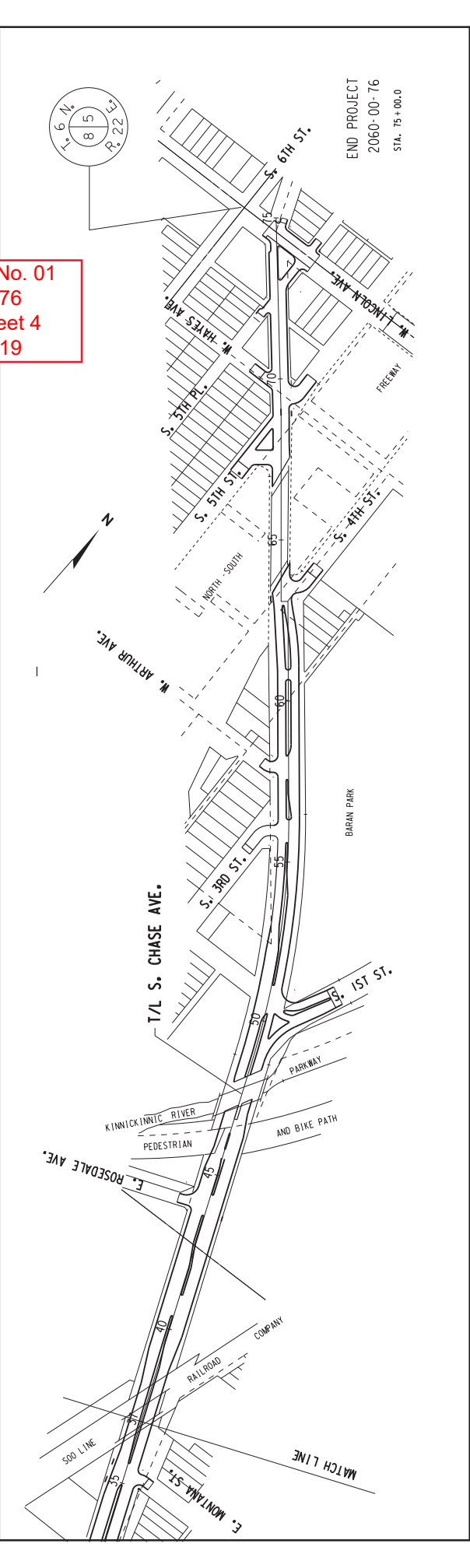
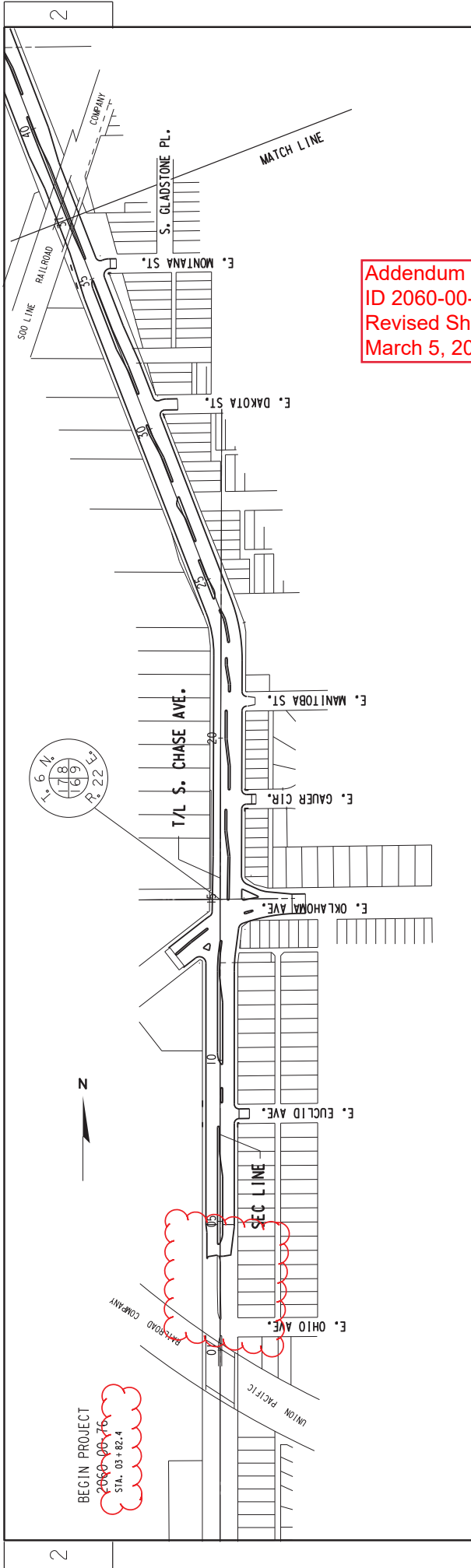
ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE CITY OF MILWAUKEE DATUM.

TO CONVERT ELEVATIONS SHOWN ON THIS PLAN TO NATIONAL DATUM (1988), ADD 580.603 TO ELEVATIONS SHOWN ON THIS PLAN.

SCALE 1/2 MI.

TOTAL NET LENGTH OF CENTERLINE = 1.405 MI. (URBAN)

PLOT DATE:

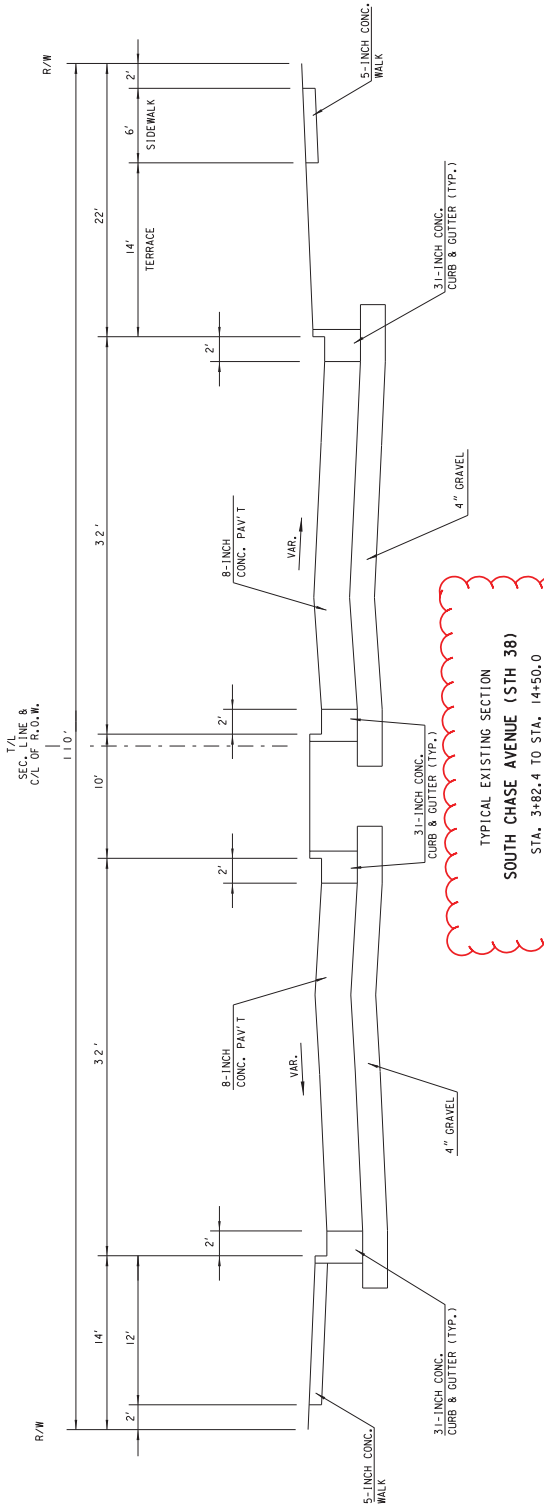


Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 4  
 March 5, 2019

BEGIN PROJECT  
 2060-00-76  
 STA. 03+82.4

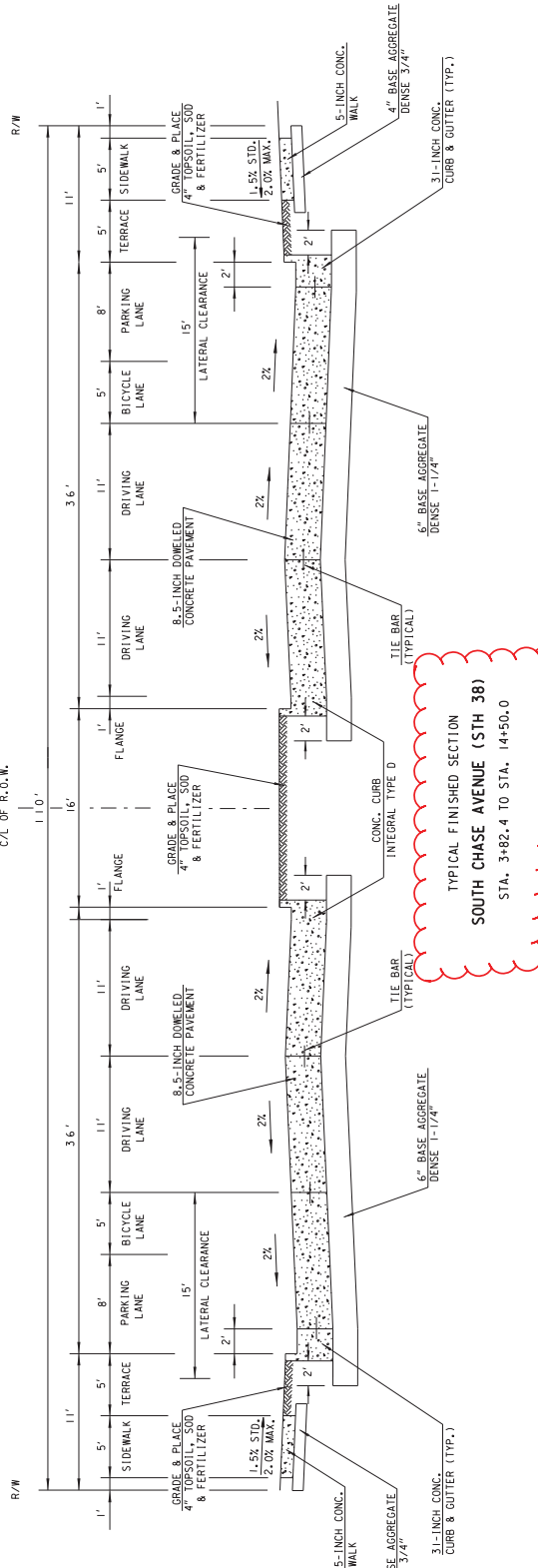
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 2060-00-76  
 STA. 75+00.0

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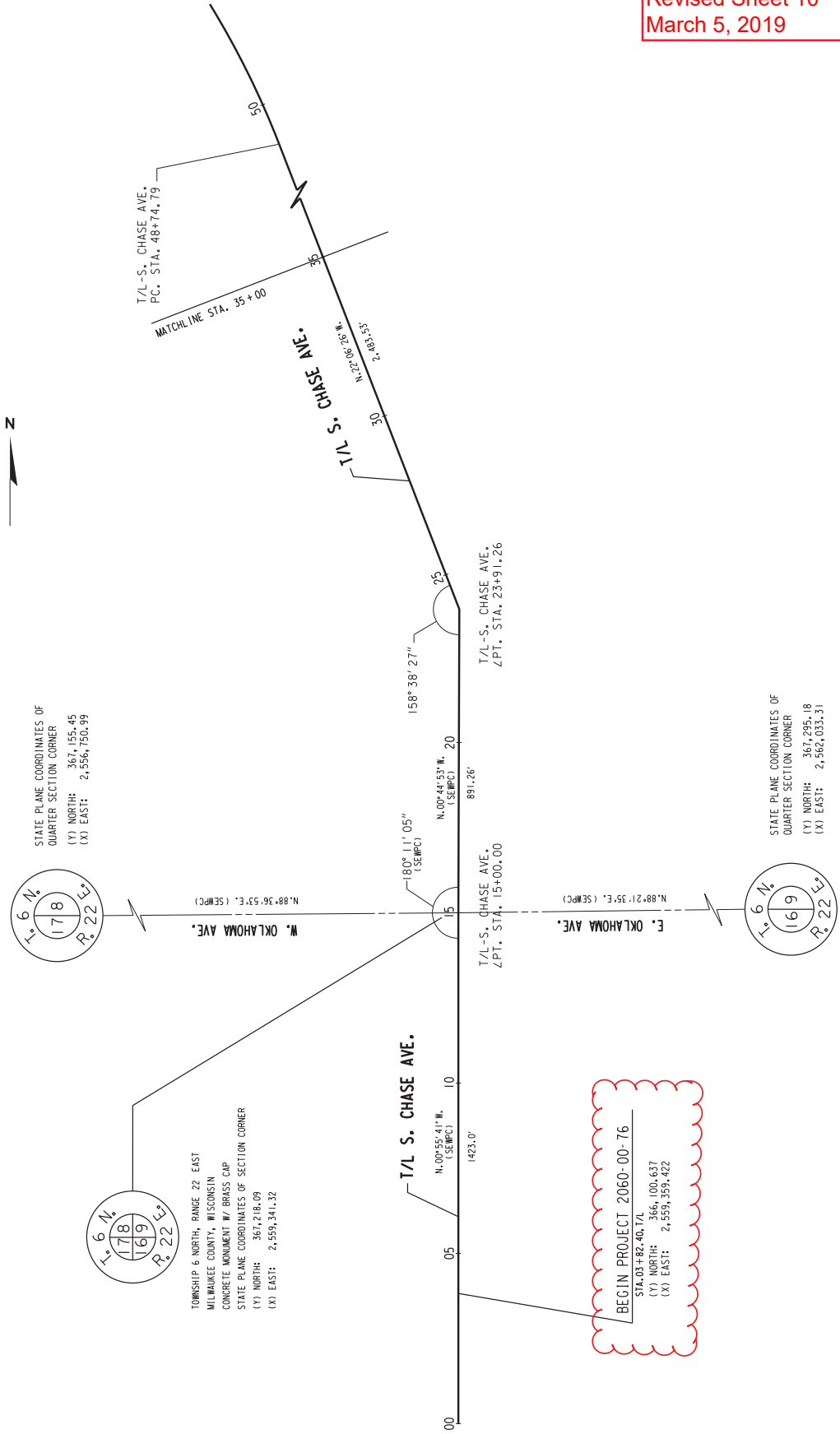
TYPICAL EXISTING SECTION  
 SOUTH CHASE AVENUE (STH 38)  
 STA. 3+82.4 TO STA. 14+50.0

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 5  
 March 5, 2019



TYPICAL FINISHED SECTION  
 SOUTH CHASE AVENUE (STH 38)  
 STA. 3+82.4 TO STA. 14+50.0

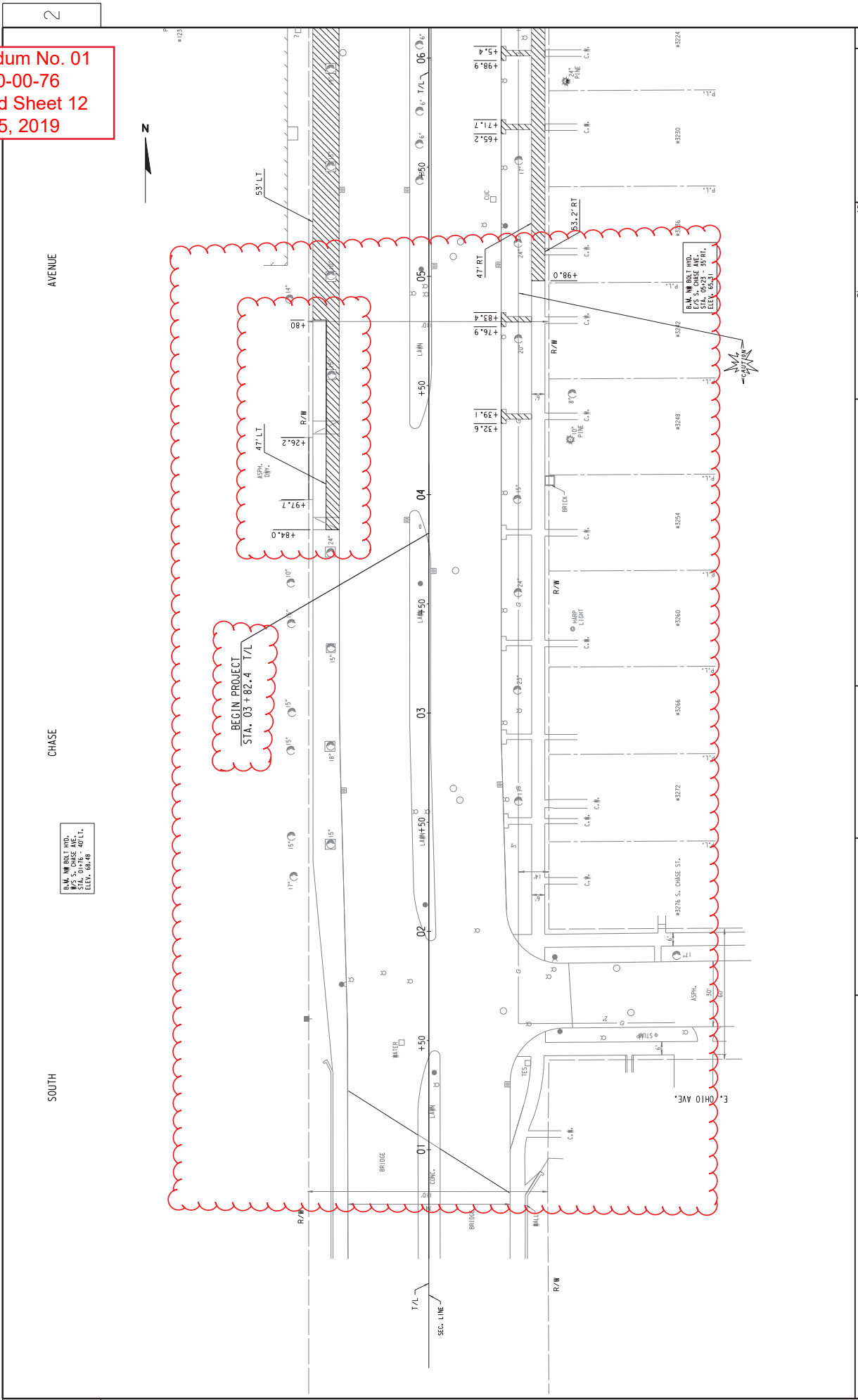
Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 10  
 March 5, 2019



BEGIN PROJECT 2060-00-76  
 STA. 03+82.40, T/L  
 (Y) NORTH: 366,100.637  
 (X) EAST: 2,559,359.422



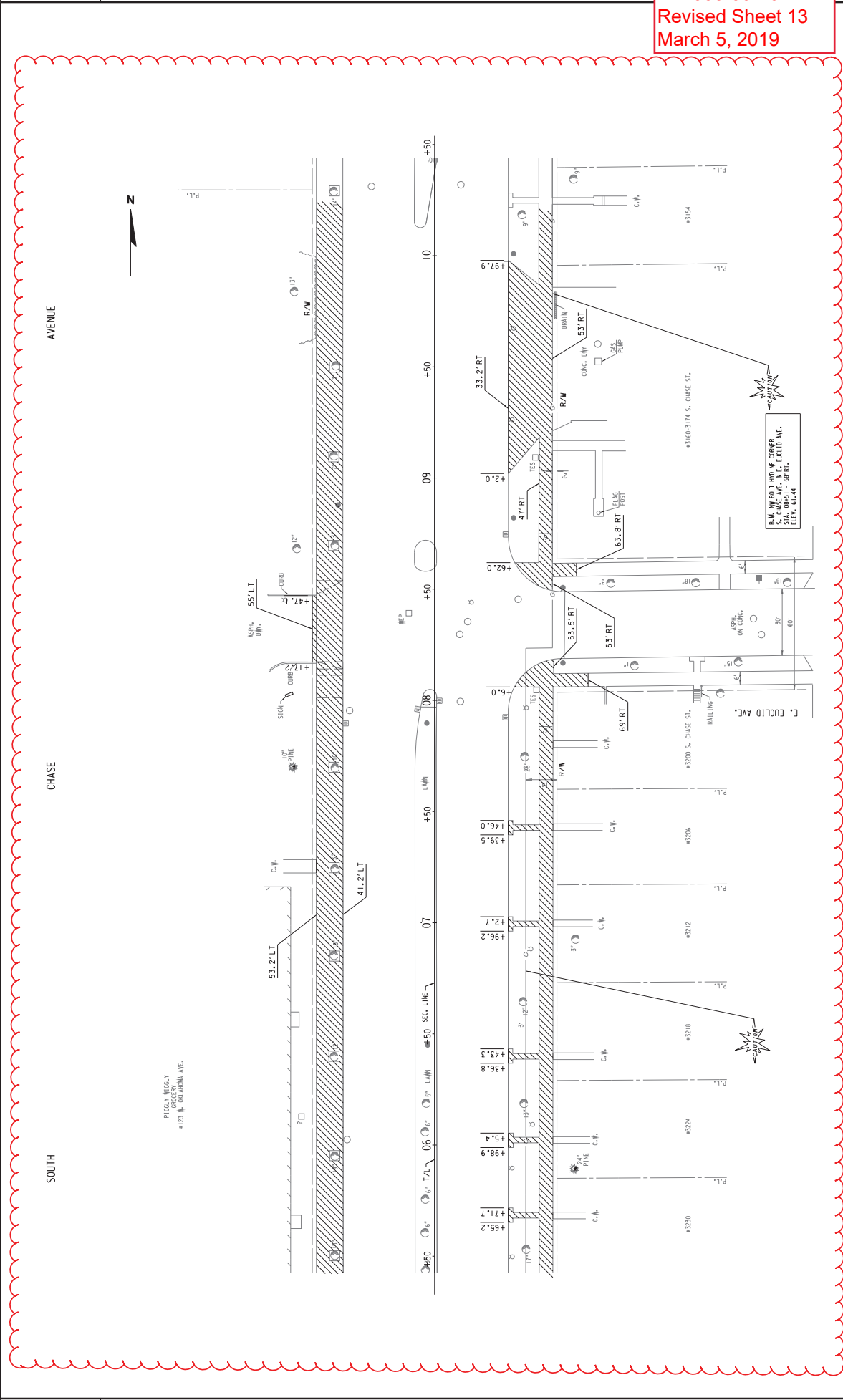
Addendum No. 01  
ID 2060-00-76  
Revised Sheet 12  
March 5, 2019



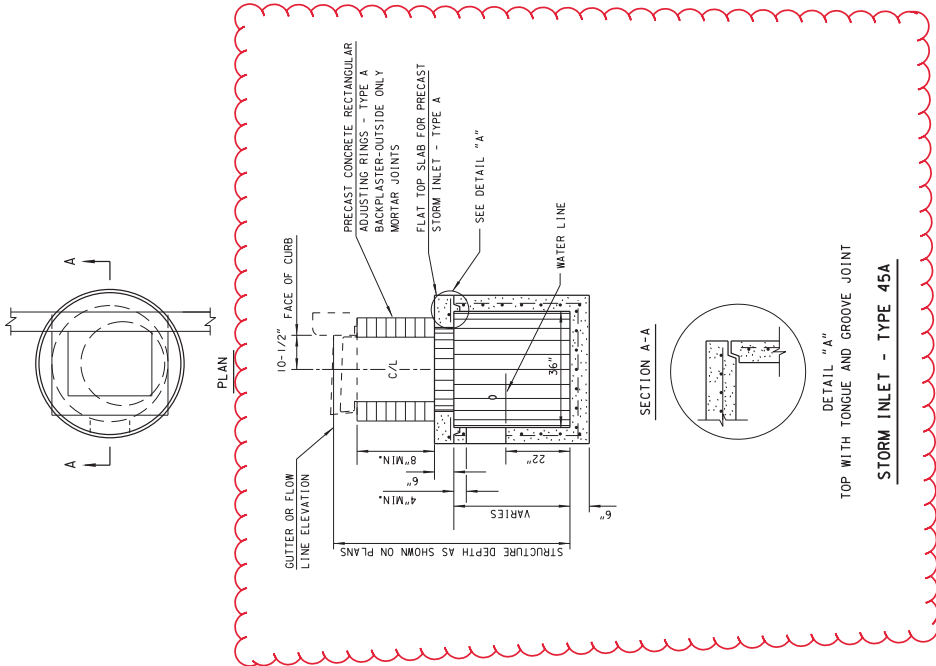
Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 13  
 March 5, 2019

2

2

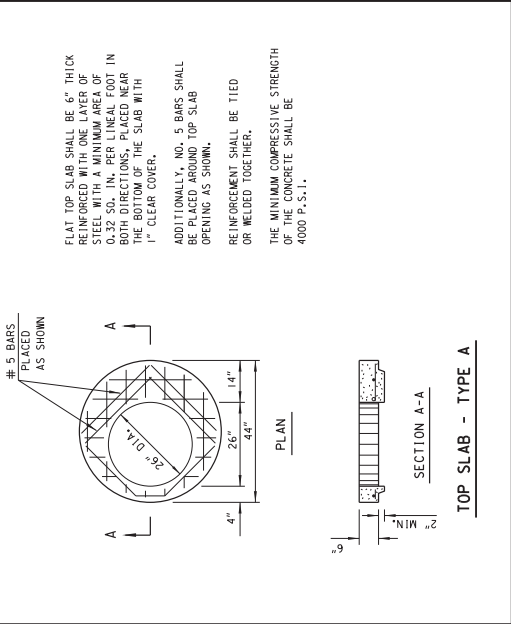


STATE PROJECT NUMBER 2060-00-76 COUNTY: MILWAUKEE REMOVAL PLAN SCALE FEET 40' SHEET NO: 13  
 HWY: S.T.H. 38  
 FILENAME: W:\SPR\CHASE - 0110.LINCOLN\REMOVAL 06-10.DGN REVISED DATE: 02-22-2018 BY SB



**GENERAL NOTES**

1. PRECAST INLET UNITS AND BASES SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199 AND ASTM DESIGNATION C-478 AND THESE DETAILED REQUIREMENTS WHICH SHALL GOVERN WHERE THEY ALTER THE AASHTO AND ASTM STANDARDS.
2. ALL REINFORCEMENT STEEL SHALL BE GRADE 60 OR GREATER AND EMBEDDED AT LEAST 1" CLEAR.
3. PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 4" IN DEPTH WHICH MEETS REQUIREMENTS FOR GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.
4. SET FRAME ELEVATION 0.03 FT. LOWER THAN ELEVATION INDICATED ON PLAN.

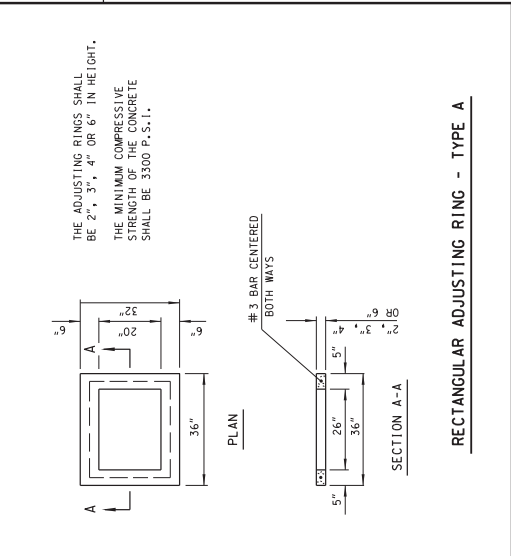


FLAT TOP SLAB SHALL BE 6" THICK REINFORCED WITH ONE LAYER OF STEEL WITH A MINIMUM AREA OF 0.32 SQ. IN. PER LINEAL FOOT IN BOTH DIRECTIONS, PLACED NEAR THE BOTTOM OF THE SLAB WITH 1" CLEAR COVER.

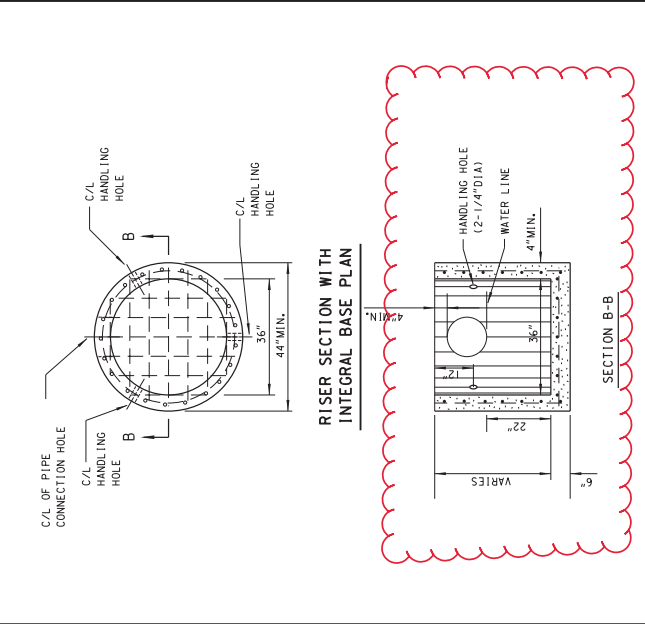
ADDITIONALLY, NO. 5 BARS SHALL BE PLACED AROUND TOP SLAB OPENING AS SHOWN.

REINFORCEMENT SHALL BE TIED OR WELDED TOGETHER.

THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 4000 P.S.I.



THE ADJUSTING RINGS SHALL BE 2", 3", 4" OR 6" IN HEIGHT. THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 3300 P.S.I.



CIRCUMFERENTIAL AND LONGITUDINAL REINFORCEMENT IN THE RISER SECTION SHALL EACH CONSIST OF ONE LAYER OF STEEL NOT LESS THAN 0.12 SQ. IN. PER FOOT AND SHALL BE PLACED IN THE CENTER THIRD OF THE WALL.

THE BASE SLAB SHALL BE REINFORCED WITH ONE LAYER OF STEEL WITH A MINIMUM AREA OF 0.32 SQ. IN. PER FOOT IN BOTH DIRECTIONS, PLACED ABOVE THE MIDPOINT OF THE SLAB.

RISER SECTION AND BASE SLAB REINFORCEMENT SHALL BE TIED OR WELDED TOGETHER.

TWO TO THREE HANDLING HOLES 2-1/4" IN DIAMETER AND A PIPE CONNECTION HOLE SHALL BE CAST OR CORED IN THE RISER SECTION AT THE LOCATIONS SHOWN. LIFTING DEVICES MAY BE SUBSTITUTED FOR HANDLING HOLES.

NO JOINTS OR HOLES SHALL BE BELOW THE WATERLINE.

THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 4000 P.S.I.

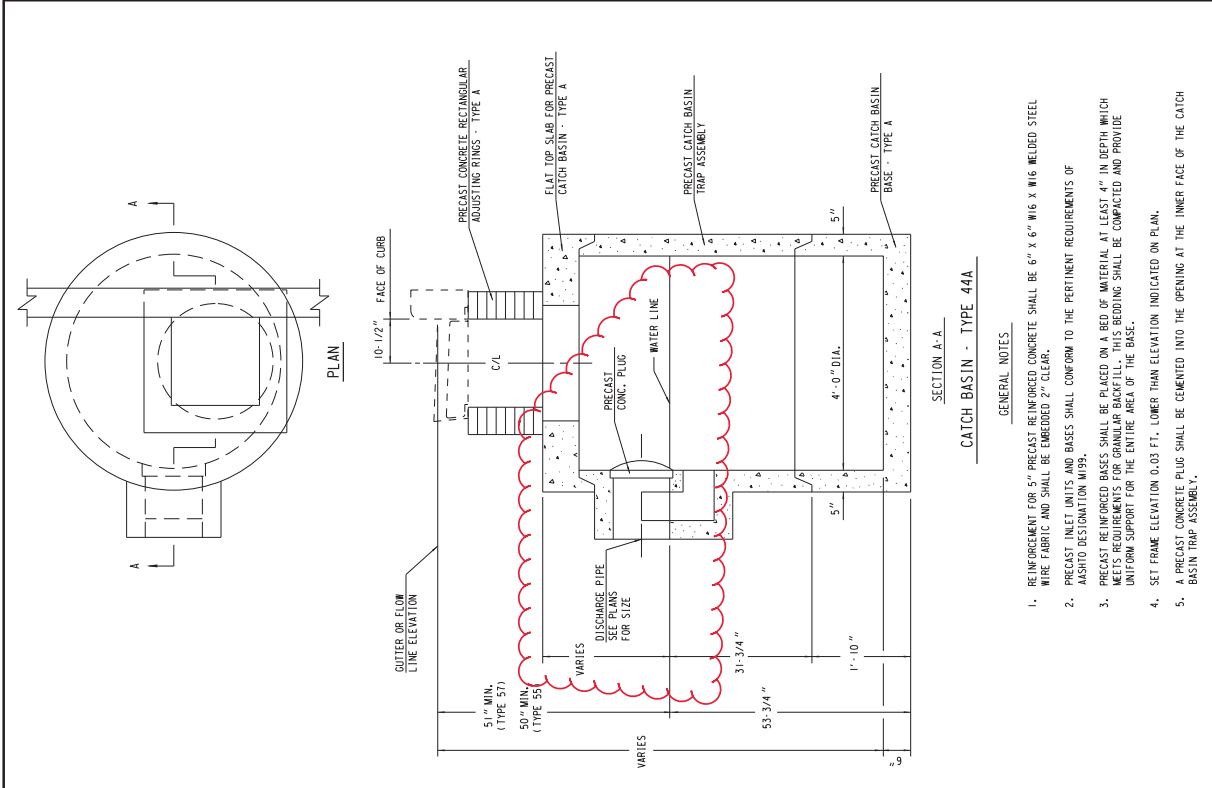
RISER SECTION MAY TAPER TO A 33" INTERNAL DIAMETER AT 11" BOTTOM PROVIDED A 44" MINIMUM OUTSIDE DIAMETER IS MAINTAINED.

THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 4000 P.S.I.

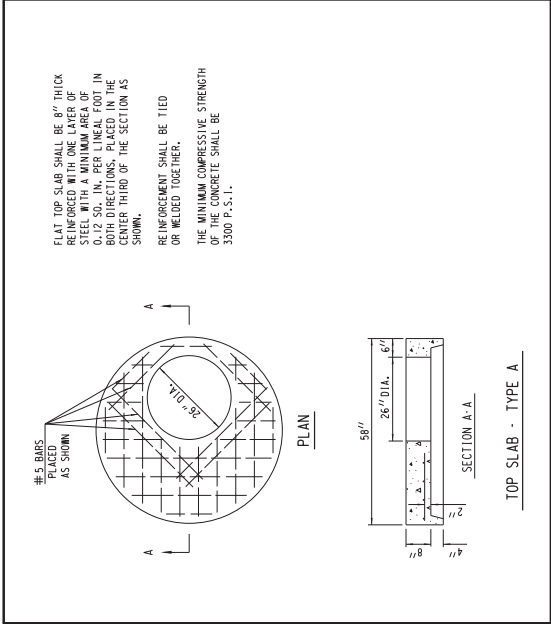
RISER SECTION MAY TAPER TO A 33" INTERNAL DIAMETER AT 11" BOTTOM PROVIDED A 44" MINIMUM OUTSIDE DIAMETER IS MAINTAINED.

**Addendum No. 01**  
**ID 2060-00-76**  
**Revised Sheet 35**  
**March 5, 2019**

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 37  
 March 5, 2019



- CATCH BASIN - TYPE 44A**
- GENERAL NOTES
1. REINFORCEMENT FOR 5" PRECAST REINFORCED CONCRETE SHALL BE 6" X 6" #16 W/6 WELDED STEEL WIRE FABRIC AND SHALL BE EMBEDDED 2" CLEAR.
  2. PRECAST INLET UNITS AND BASES SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.
  3. PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 4" IN DEPTH WHICH MEETS REQUIREMENTS FOR GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.
  4. SET FRAME ELEVATION 0.03 FT. LOWER THAN ELEVATION INDICATED ON PLAN.
  5. A PRECAST CONCRETE PLUG SHALL BE CEMENTED INTO THE OPENING AT THE INNER FACE OF THE CATCH BASIN TRAP ASSEMBLY.



FLAT TOP SLAB SHALL BE 8" THICK REINFORCED WITH ONE LAYER OF STEEL WITH A MINIMUM AREA OF 0.12 SQ. IN. PER LINEAL FOOT, PLACED IN BOTH DIRECTIONS. PLACED IN THE CENTER THIRD OF THE SECTION AS SHOWN.

REINFORCEMENT SHALL BE TIED OR WELDED TOGETHER.

THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 3300 P.S.I.

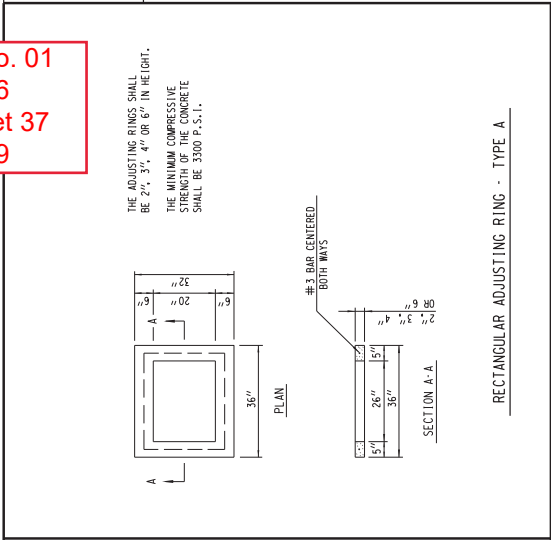
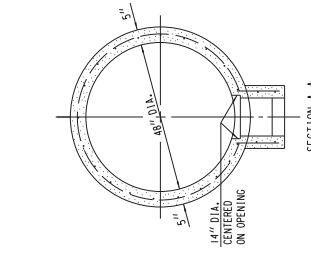
CIRCUMFERENTIAL REINFORCEMENT SHALL CONSIST OF ONE LINE OF STEEL NOT LESS THAN 0.12 SQ. IN. PER LINEAL FOOT, AND SHALL BE PLACED IN THE CENTER THIRD OF THE WALL.

TRAP ASSEMBLY SHALL BE REINFORCED WITH ONE LAYER OF STEEL WITH A MINIMUM AREA OF 0.12 SQ. IN. PER LINEAL FOOT IN BOTH DIRECTIONS. PLACED IN THE CENTER THIRD OF THE SECTION AS SHOWN.

CIRCUMFERENTIAL AND TRAP ASSEMBLY REINFORCEMENT SHALL BE TIED OR WELDED TOGETHER.

THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 3300 P.S.I.

TWO HANDLING HOLES 2 1/4 INCHES IN DIAMETER SHALL BE CAST OR DRILLED IN THE WALL.



THE ADJUSTING RINGS SHALL BE 2", 3", 4" OR 6" IN HEIGHT. THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 3300 P.S.I.

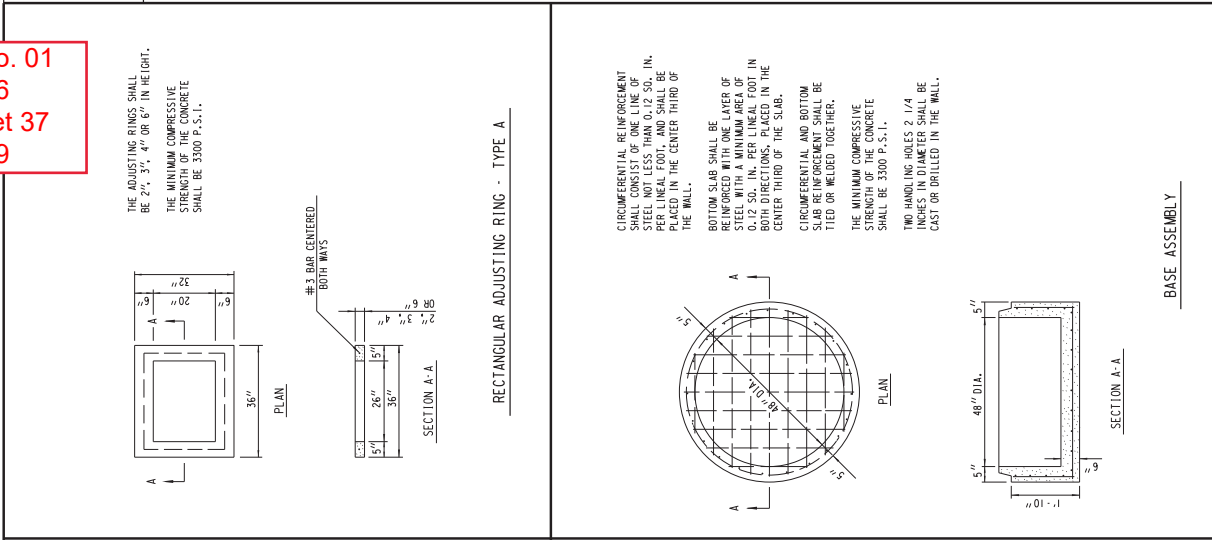
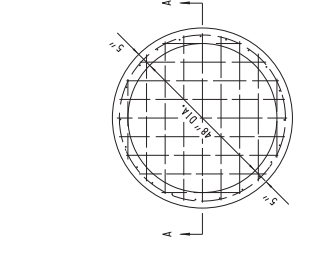
CIRCUMFERENTIAL REINFORCEMENT SHALL CONSIST OF ONE LINE OF STEEL NOT LESS THAN 0.12 SQ. IN. PER LINEAL FOOT, AND SHALL BE PLACED IN THE CENTER THIRD OF THE WALL.

BOTTOM SLAB SHALL BE REINFORCED WITH ONE LAYER OF STEEL WITH A MINIMUM AREA OF 0.12 SQ. IN. PER LINEAL FOOT IN BOTH DIRECTIONS. PLACED IN THE CENTER THIRD OF THE SLAB.

CIRCUMFERENTIAL AND BOTTOM REINFORCEMENT SHALL BE TIED OR WELDED TOGETHER.

THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 3300 P.S.I.

TWO HANDLING HOLES 2 1/4 INCHES IN DIAMETER SHALL BE CAST OR DRILLED IN THE WALL.



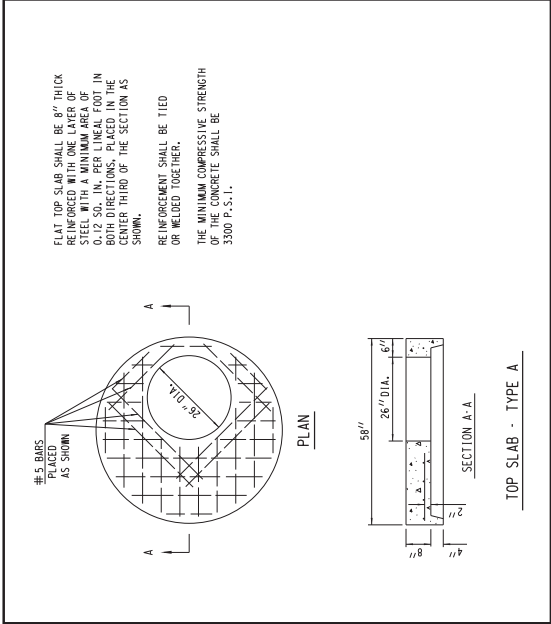
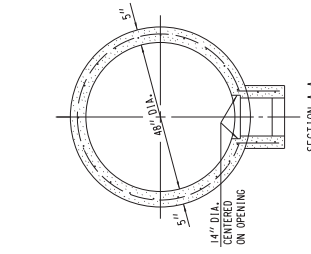
CIRCUMFERENTIAL REINFORCEMENT SHALL CONSIST OF ONE LAYER OF STEEL NOT LESS THAN 0.12 SQ. IN. PER LINEAL FOOT, AND SHALL BE PLACED IN THE CENTER THIRD OF THE WALL.

TRAP ASSEMBLY SHALL BE REINFORCED WITH ONE LAYER OF STEEL WITH A MINIMUM AREA OF 0.12 SQ. IN. PER LINEAL FOOT IN BOTH DIRECTIONS. PLACED IN THE CENTER THIRD OF THE SECTION AS SHOWN.

CIRCUMFERENTIAL AND TRAP ASSEMBLY REINFORCEMENT SHALL BE TIED OR WELDED TOGETHER.

THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 3300 P.S.I.

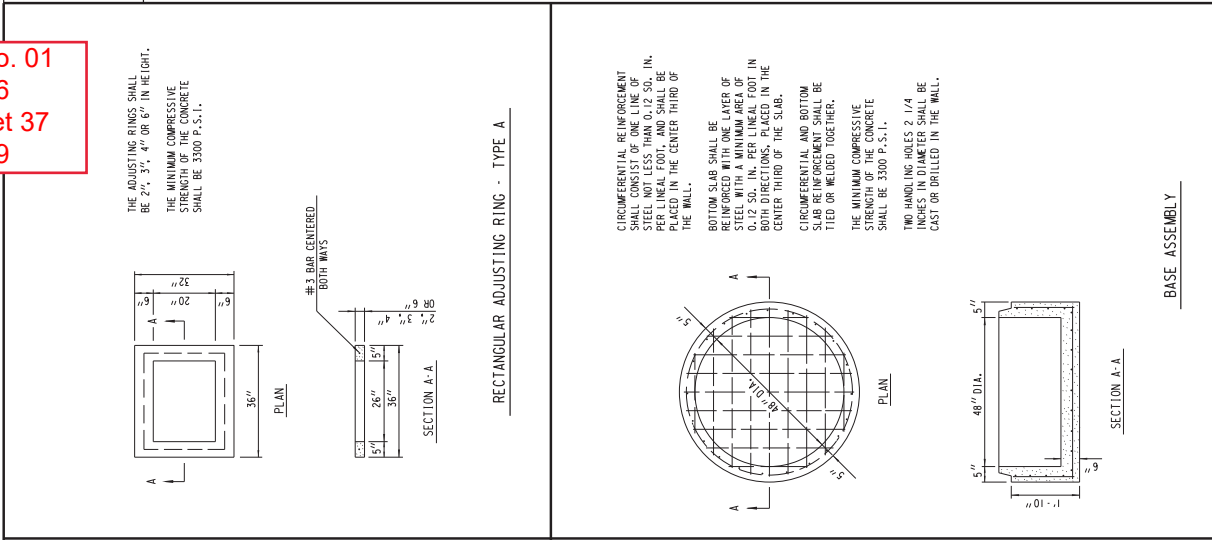
TWO HANDLING HOLES 2 1/4 INCHES IN DIAMETER SHALL BE CAST OR DRILLED IN THE WALL.

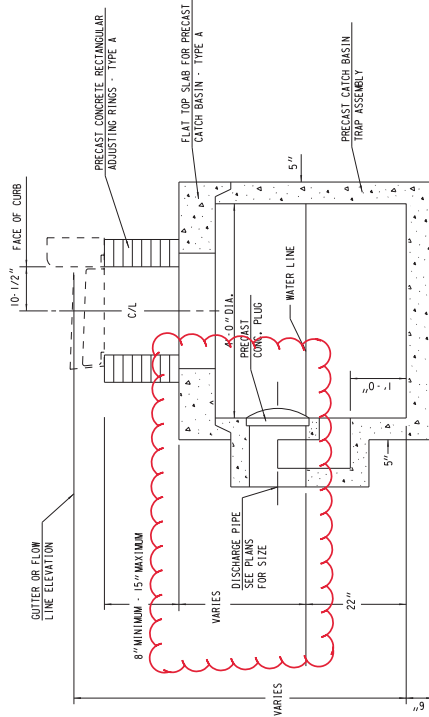
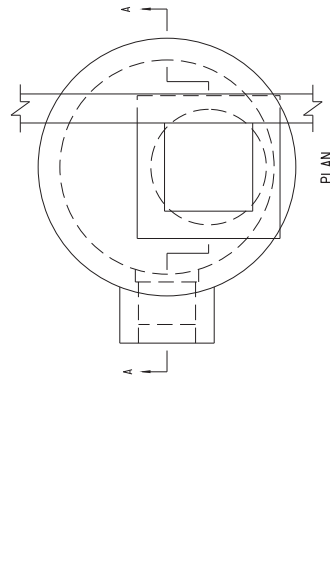


FLAT TOP SLAB SHALL BE 8" THICK REINFORCED WITH ONE LAYER OF STEEL WITH A MINIMUM AREA OF 0.12 SQ. IN. PER LINEAL FOOT, PLACED IN BOTH DIRECTIONS. PLACED IN THE CENTER THIRD OF THE SECTION AS SHOWN.

REINFORCEMENT SHALL BE TIED OR WELDED TOGETHER.

THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 3300 P.S.I.





SECTION A-A

CATCH BASIN - TYPE 4B

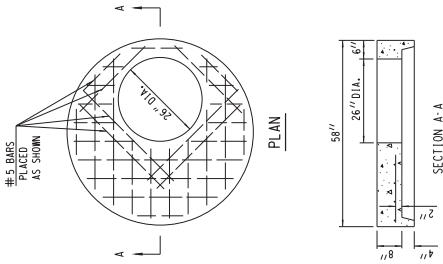
GENERAL NOTES

1. REINFORCEMENT FOR 5" PRECAST REINFORCED CONCRETE SHALL BE 6" X 6" #16 WELDED STEEL MESH FABRIC AND SHALL BE EMBEDDED 2" CLEAR.
2. PRECAST INLET UNITS AND BASES SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AUSTO DESIGNATION W59.
3. PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 4" IN DEPTH WHICH MEETS REQUIREMENTS FOR GRANULAR BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.
4. SET FRAME ELEVATION 0.03 FT. LOWER THAN ELEVATION INDICATED ON PLAN.
5. A PRECAST CONCRETE PLUG SHALL BE CENTERED INTO THE OPENING AT THE INNER FACE OF THE CATCH BASIN TRAP ASSEMBLY.

FLAT TOP SLAB SHALL BE 8" THICK REINFORCED WITH ONE LAYER OF STEEL WITH A MINIMUM AREA OF 0.015 SQ. FT. PER LINEAL FOOT IN BOTH DIRECTIONS PLACED IN THE CENTER THIRD OF THE SECTION AS SHOWN.

REINFORCEMENT SHALL BE TIED OR WELDED TOGETHER.

THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 3300 P.S.I.



TOP SLAB - TYPE A

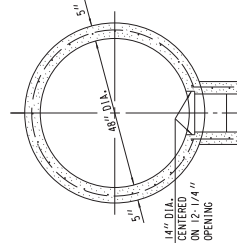
CIRCUMFERENTIAL REINFORCEMENT SHALL CONSIST OF ONE LINE OF STEEL PER LINEAL FOOT AND SHALL BE PLACED IN THE CENTER THIRD OF THE WALL.

TRAP ASSEMBLY SHALL BE REINFORCED WITH ONE LAYER OF STEEL WITH A MINIMUM AREA OF 0.015 SQ. FT. PER LINEAL FOOT IN BOTH DIRECTIONS. REINFORCEMENT SHALL BE PLACED IN THE CENTER THIRD OF THE SECTION AS SHOWN.

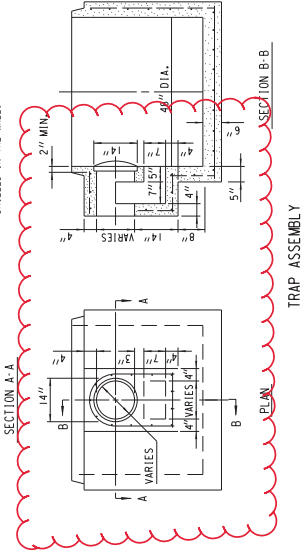
CIRCUMFERENTIAL AND TRAP ASSEMBLY REINFORCEMENT SHALL BE TIED OR WELDED TOGETHER.

THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 3300 P.S.I.

TWO HANDLING HOLES 2 1/4" INCHES IN DIAMETER SHALL BE CAST OR DRILLED IN THE WALL.



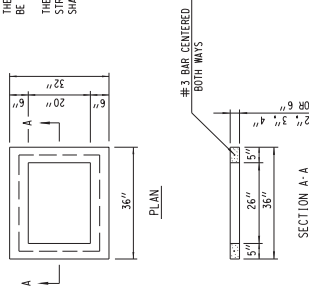
SECTION A-A



TRAP ASSEMBLY

SECTION B-B

THE ADJUSTING RINGS SHALL BE 2", 3", 4" OR 6" IN HEIGHT. THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 3300 P.S.I.



RECTANGULAR ADJUSTING RING - TYPE A

Addendum No. 01  
ID 2060-00-76  
Revised Sheet 42  
March 5, 2019

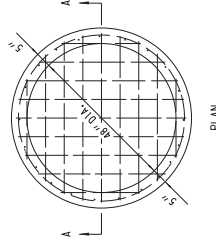
CIRCUMFERENTIAL REINFORCEMENT SHALL CONSIST OF ONE LINE OF STEEL PER LINEAL FOOT AND SHALL BE PLACED IN THE CENTER THIRD OF THE WALL.

BOTTOM SLAB SHALL BE REINFORCED WITH ONE LAYER OF STEEL WITH A MINIMUM AREA OF 0.015 SQ. FT. PER LINEAL FOOT IN BOTH DIRECTIONS. REINFORCEMENT SHALL BE PLACED IN THE CENTER THIRD OF THE SLAB.

CIRCUMFERENTIAL AND BOTTOM SLAB REINFORCEMENT SHALL BE TIED OR WELDED TOGETHER.

THE MINIMUM COMPRESSIVE STRENGTH OF THE CONCRETE SHALL BE 3300 P.S.I.

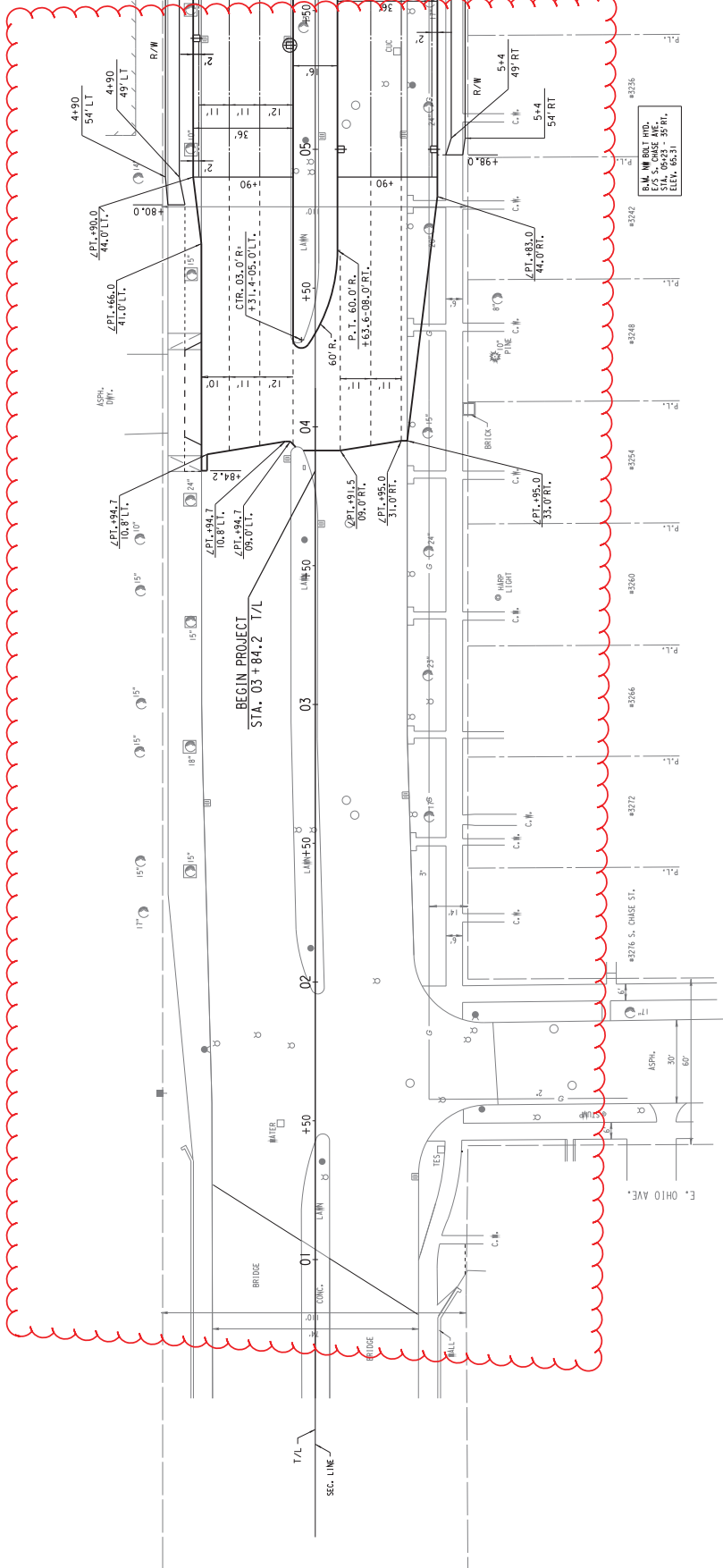
TWO HANDLING HOLES 2 1/4" INCHES IN DIAMETER SHALL BE CAST OR DRILLED IN THE WALL.



PLAN

BOTTOM REINFORCEMENT

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 56  
 March 5, 2019



R.A.M. BOLT PROD.  
 #5 S. CHASE AVE.  
 STA. 03+84.2  
 ELEV. 68.48

R.A.M. BOLT PROD.  
 #5 S. CHASE AVE.  
 STA. 05+23 - 25 RT.  
 ELEV. 65.31

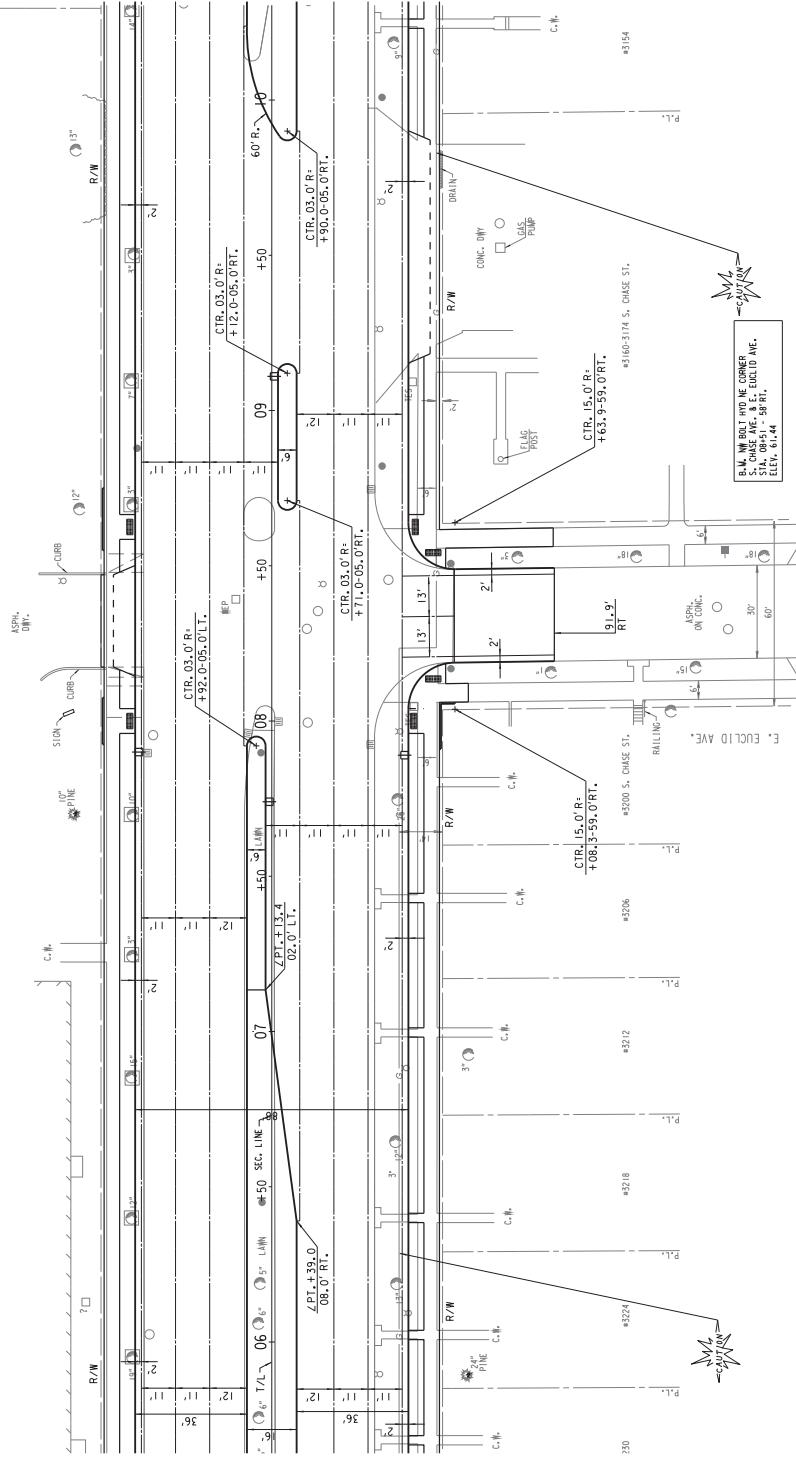
AVENUE



CHASE

SOUTH

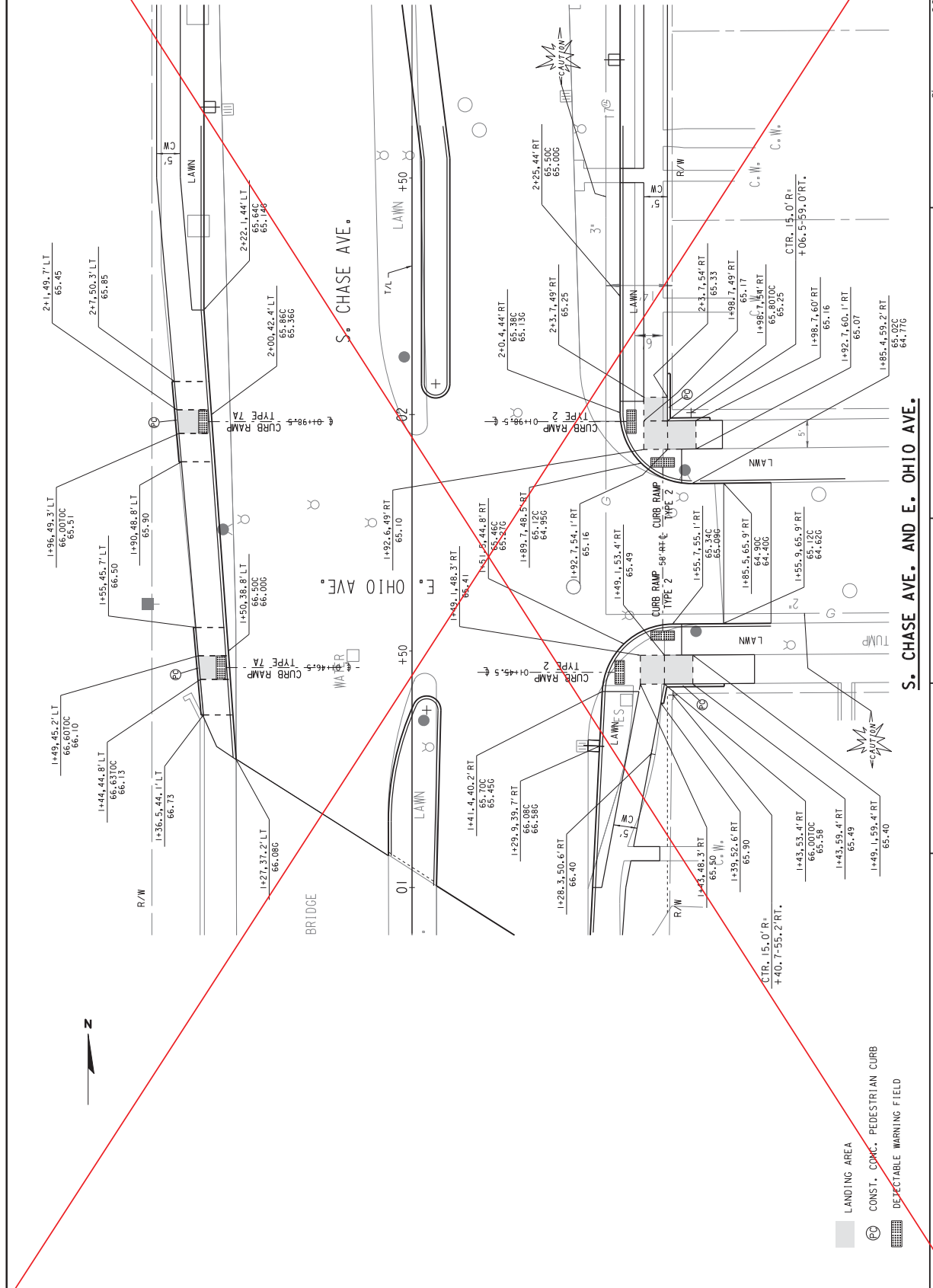
PIGGY MUGGY  
CORPORATION  
4123 N. MILWAUKEE AVE.



Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 57  
 March 5, 2019

B.M. NW BOLT HYD. NE CORNER  
 ST. 10841 - 58 RT.  
 ELEV. 611.44

Addendum No. 01  
ID 2060-00-76  
Deleted Sheet 73  
March 5, 2019



2

2

STATE PROJECT NUMBER 2060-00-76 - - HWY: S.T.H. 38 COUNTY: MILWAUKEE INTERSECTION DETAILS SCALE FEET 1"=20'

SHEET NO: 73

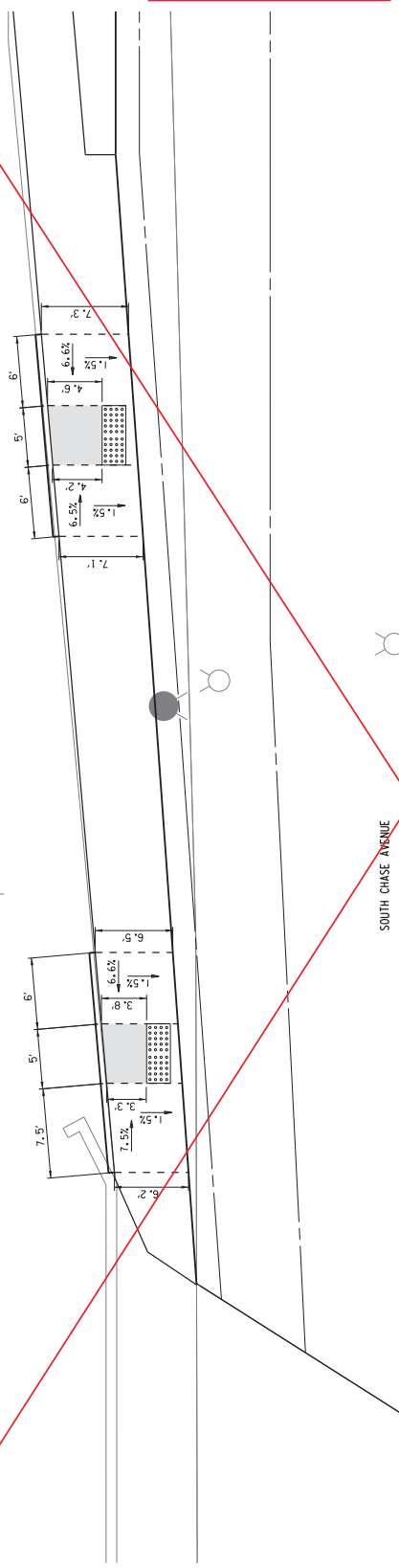
REVISED DATE: 11-01-2018 BY SB

FILENAME: W:\SPRCHASE - OHIO\LINCOLN\RAMPDETAILS\1-OHIO.DGN

- LANDING AREA
- CONST. CONC. PEDESTRIAN CURB
- DEFECTABLE WARNING FIELD



2

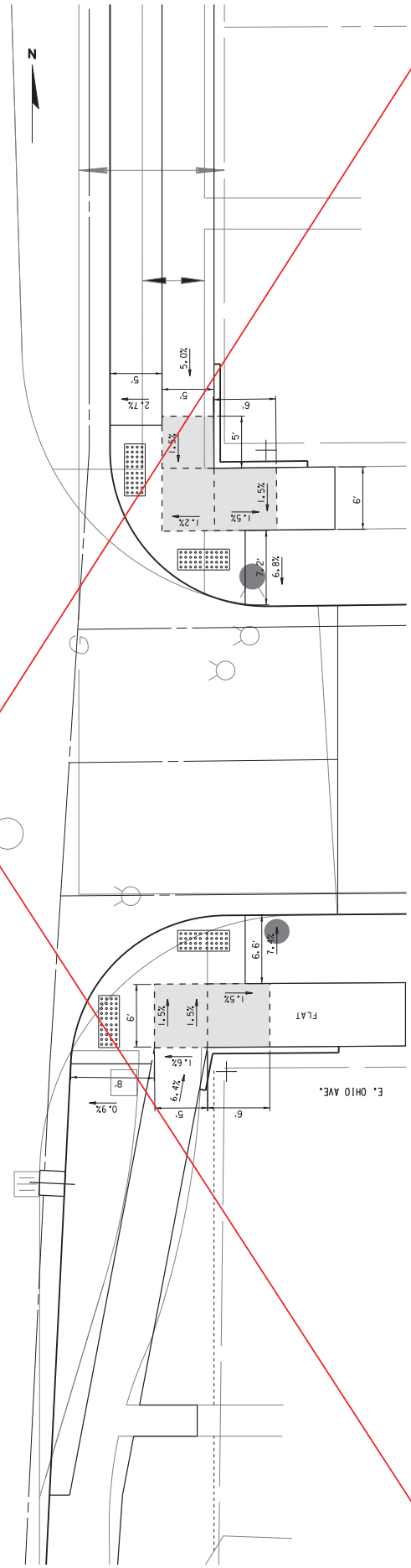


Addendum No. 01  
 ID 2060-00-76  
 Deleted Sheet 74  
 March 5, 2019

SOUTH CHASE AVENUE



SOUTH CHASE AVENUE



E. OHIO AVE.

FLAT

STATE PROJECT NUMBER 2060-00-76

HWY: S. T. H. 38

COUNTY: MILWAUKEE

CURB RAMP DETAILS

SCALE FEET

SHEET NO: 74

FILENAME: W:\SPRCHASE - OHIO\LINCOLN\RAMPDETAILS\1-OHIO\_SLOPE.DGN REVISED DATE: 11-01-2018 BY SB

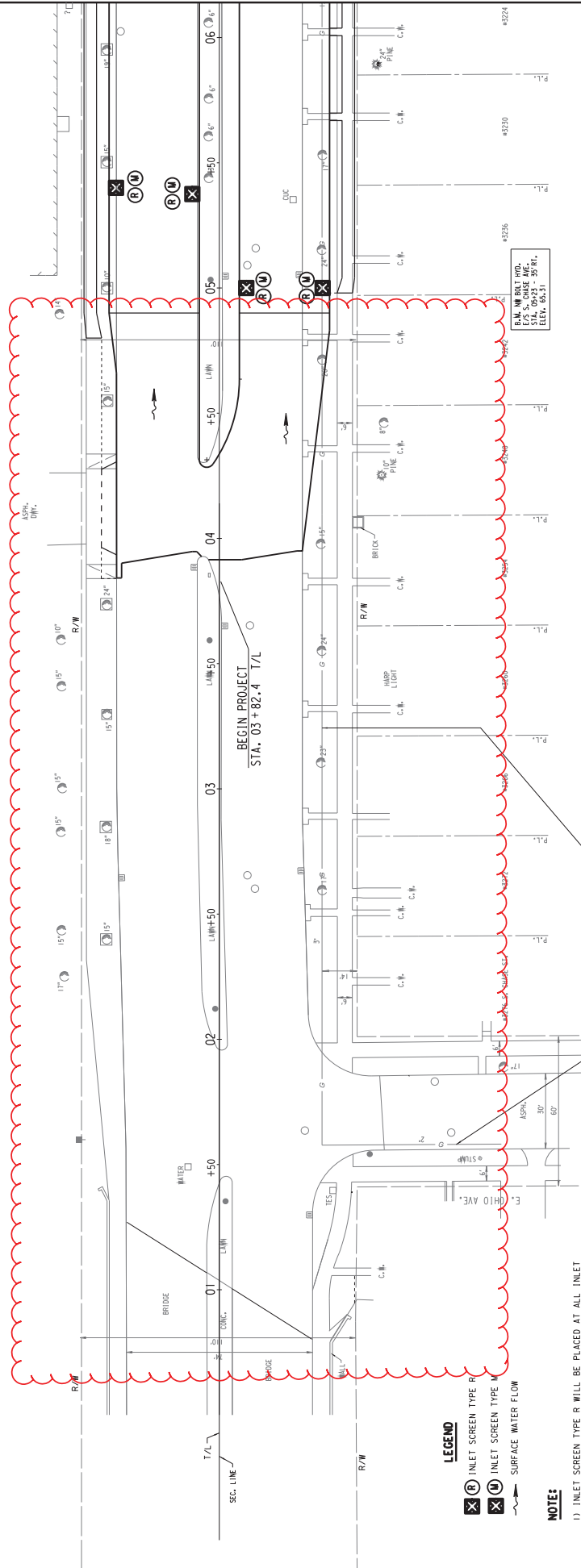
Addendum No. 01  
ID 2060-00-76  
Revised Sheet 106  
March 5, 2019

AVENUE

CHASE

SOUTH

R.A.M. BOLT PROD.  
875 S. CHASE AVE.  
MILWAUKEE, WI 53211  
ELEV. 68.48



R.A.M. BOLT PROD.  
875 S. CHASE AVE.  
MILWAUKEE, WI 53211  
ELEV. 65.31

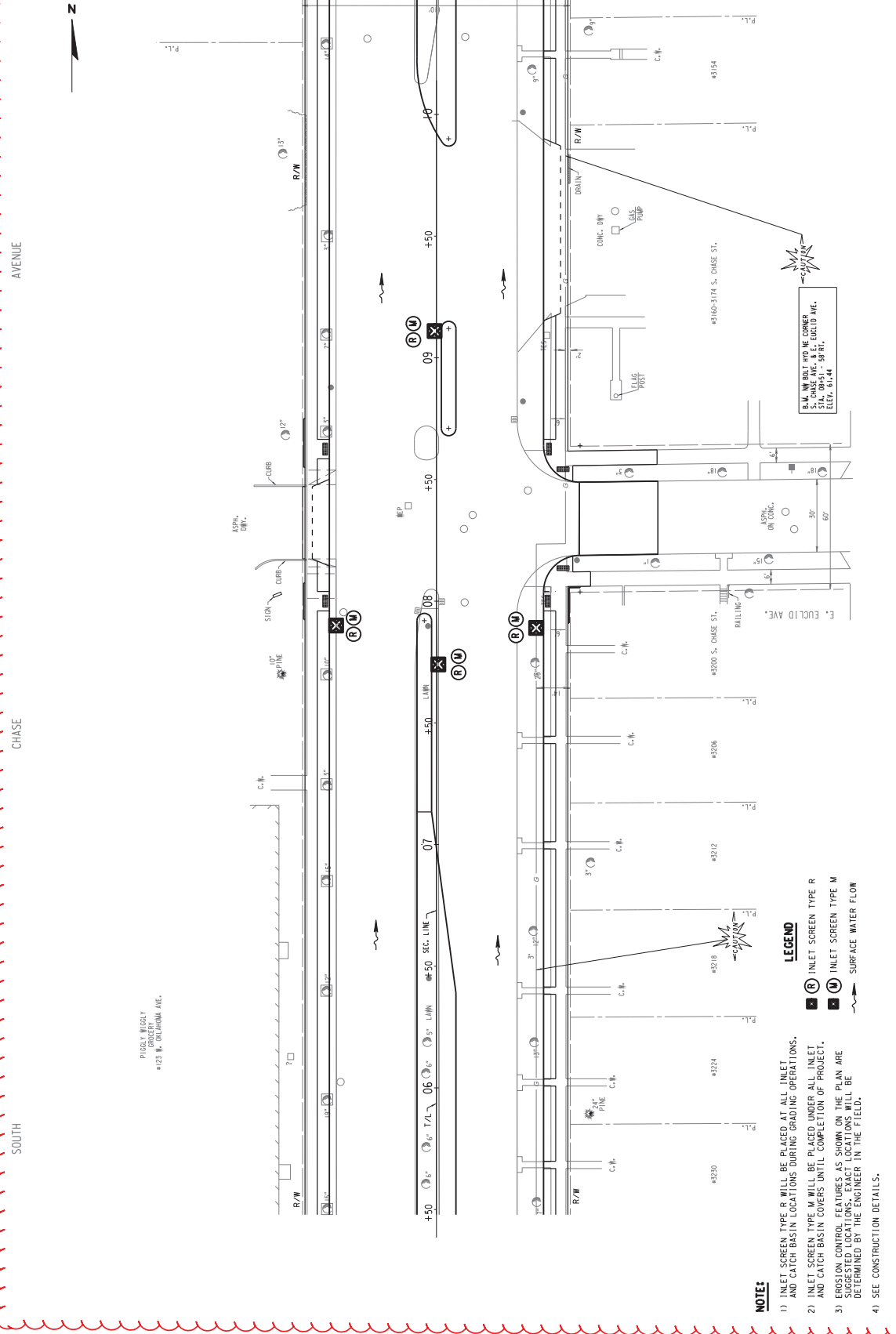
**LEGEND**

- INLET SCREEN TYPE R
- INLET SCREEN TYPE M
- SURFACE WATER FLOW

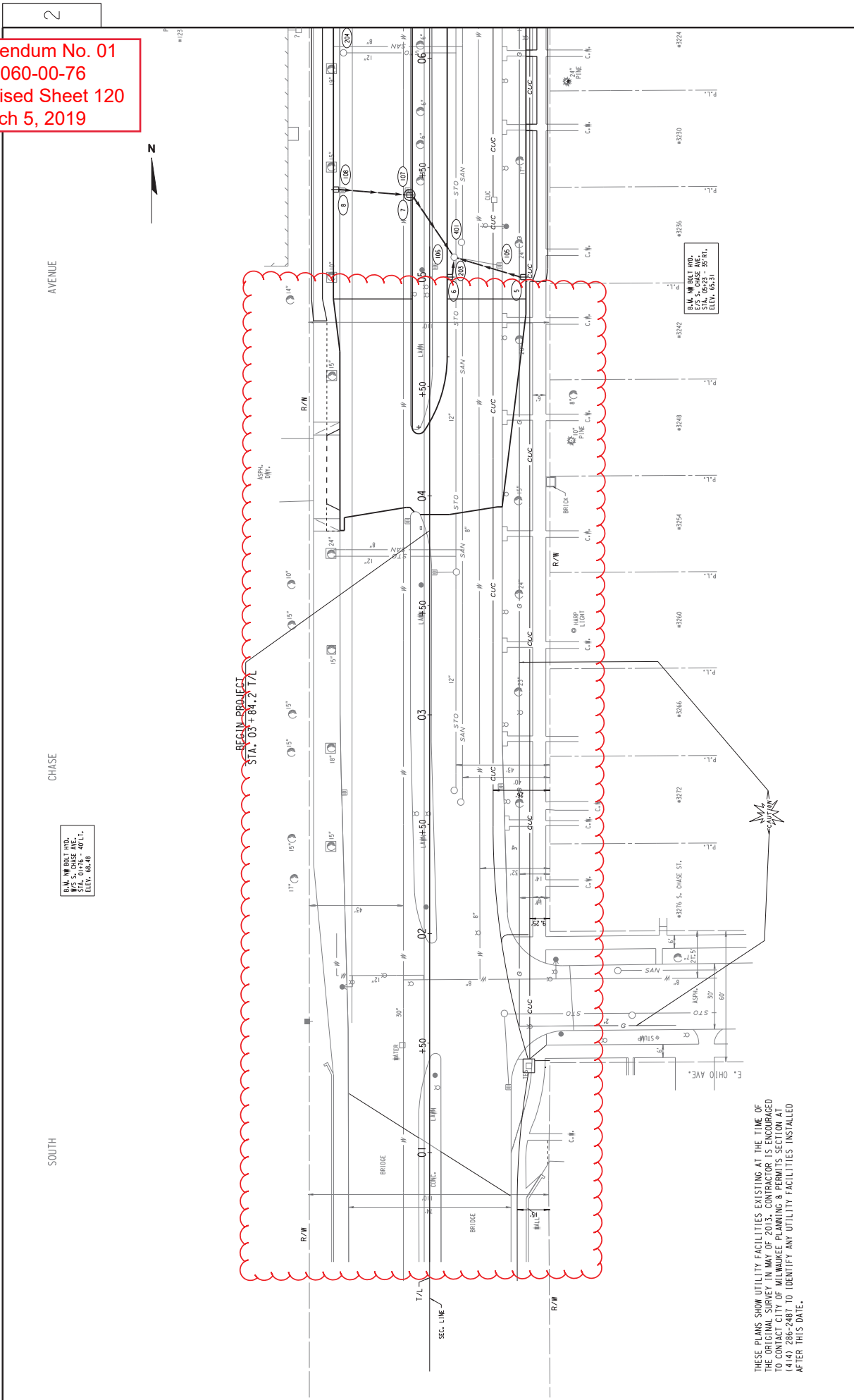
**NOTE:**

- 1) INLET SCREEN TYPE R WILL BE PLACED AT ALL INLET AND CATCH BASIN LOCATIONS DURING GRADING OPERATIONS.
- 2) INLET SCREEN TYPE M WILL BE PLACED UNDER ALL INLET AND CATCH BASIN COVERS UNTIL COMPLETION OF PROJECT.
- 3) EROSION CONTROL FEATURES AS SHOWN ON THE PLAN ARE SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- 4) SEE CONSTRUCTION DETAILS.

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 107  
 March 5, 2019



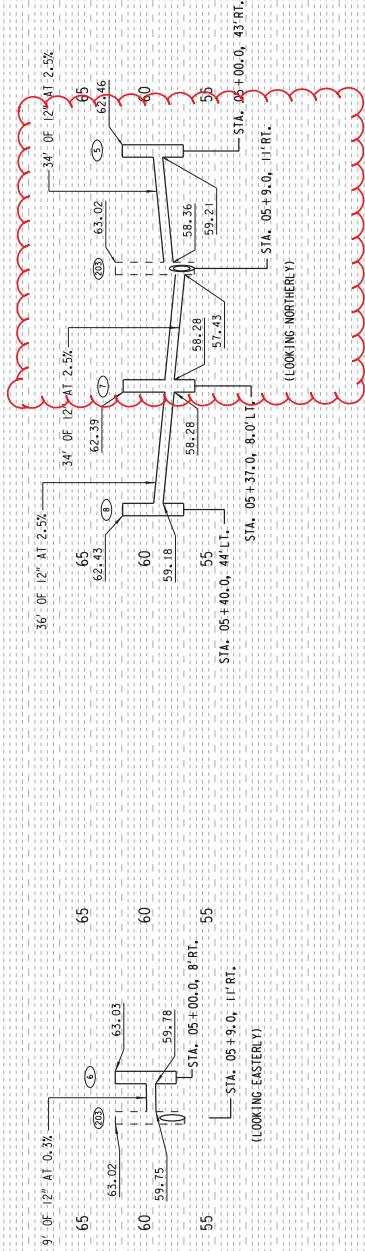
Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 120  
 March 5, 2019



R.A.M. BOLT PROD.  
 875 S. CHASE AVE.  
 MILWAUKEE, WI 53211  
 ELEV. 68.48

R.A.M. BOLT PROD.  
 875 S. CHASE AVE.  
 MILWAUKEE, WI 53211  
 ELEV. 65.31

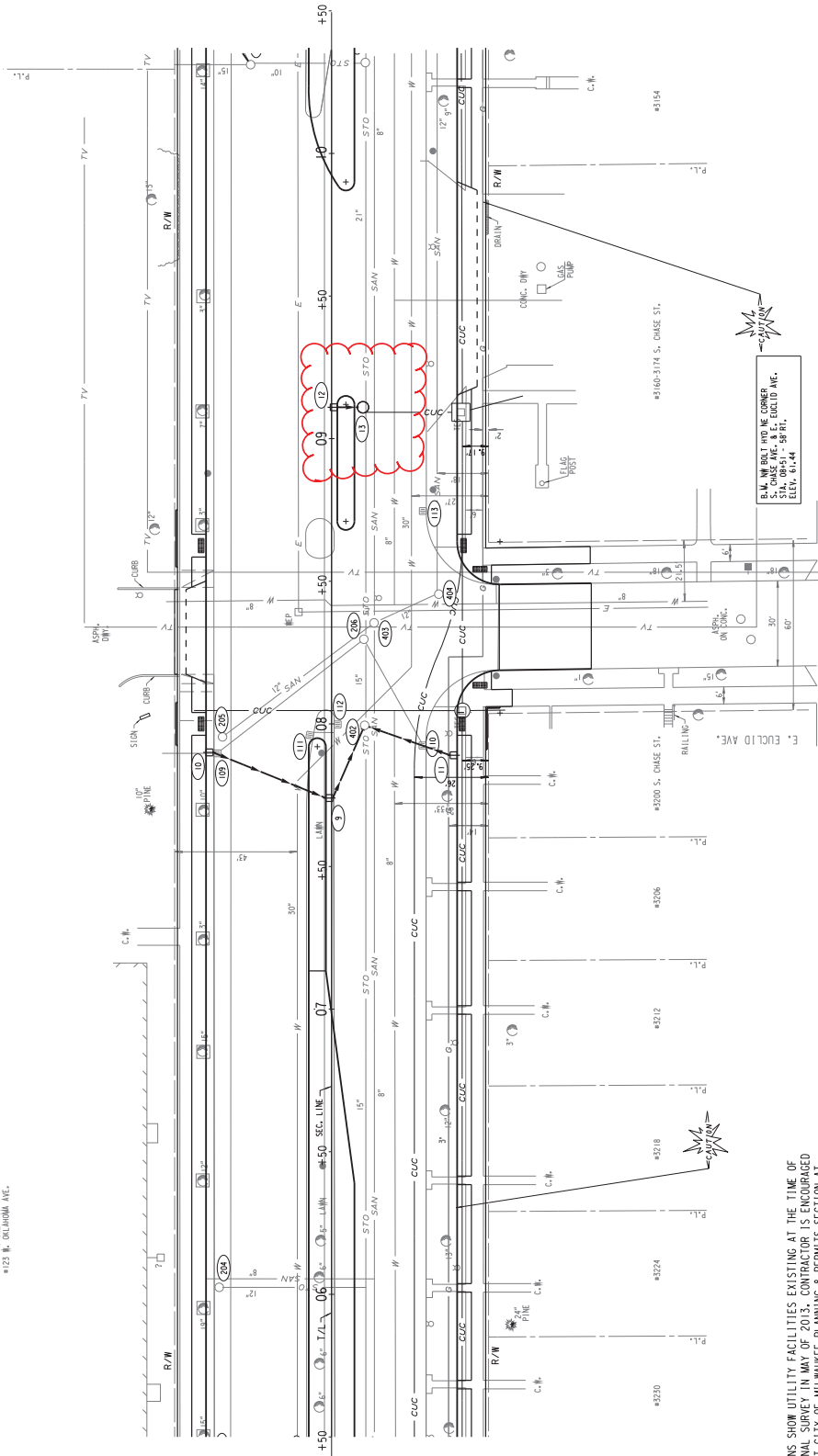
THESE PLANS SHOW UTILITY FACILITIES EXISTING AT THE TIME OF THE ORIGINAL SURVEY IN MAY OF 2013. CONTRACTORS ARE ENCOURAGED TO VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES AND FACILITIES INSTALLED AFTER THIS DATE.



Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 121  
 March 5, 2019

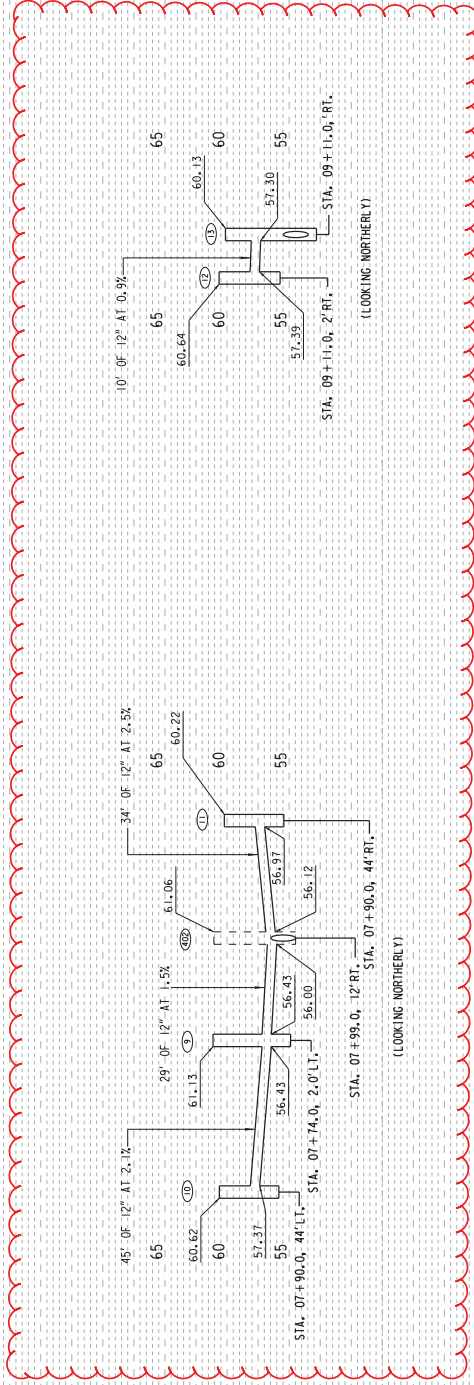


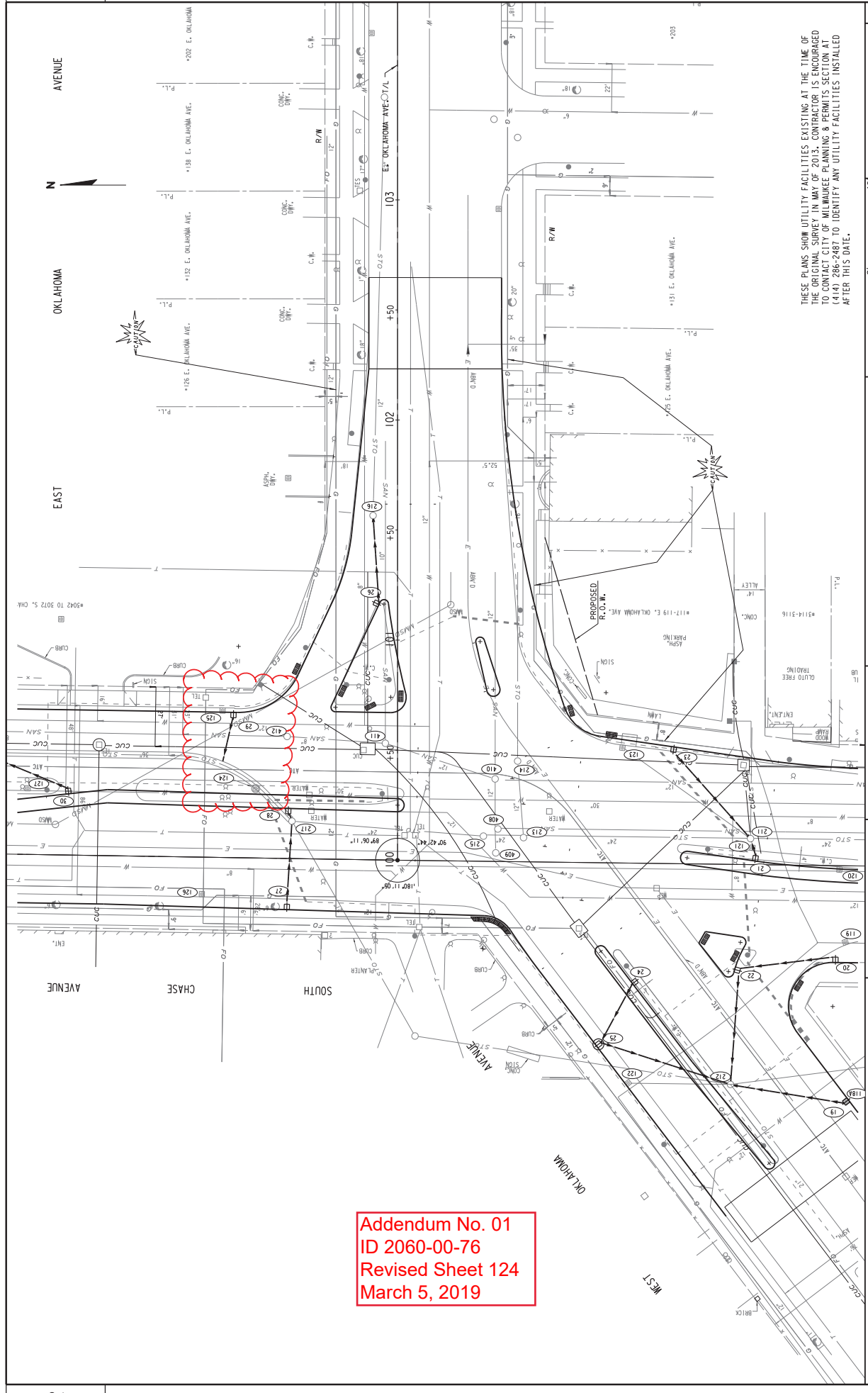
PLOGLY MULLY  
ENGINEERING  
#123 N. CHASE AVE.



Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 122  
 March 5, 2019

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 123  
 March 5, 2019



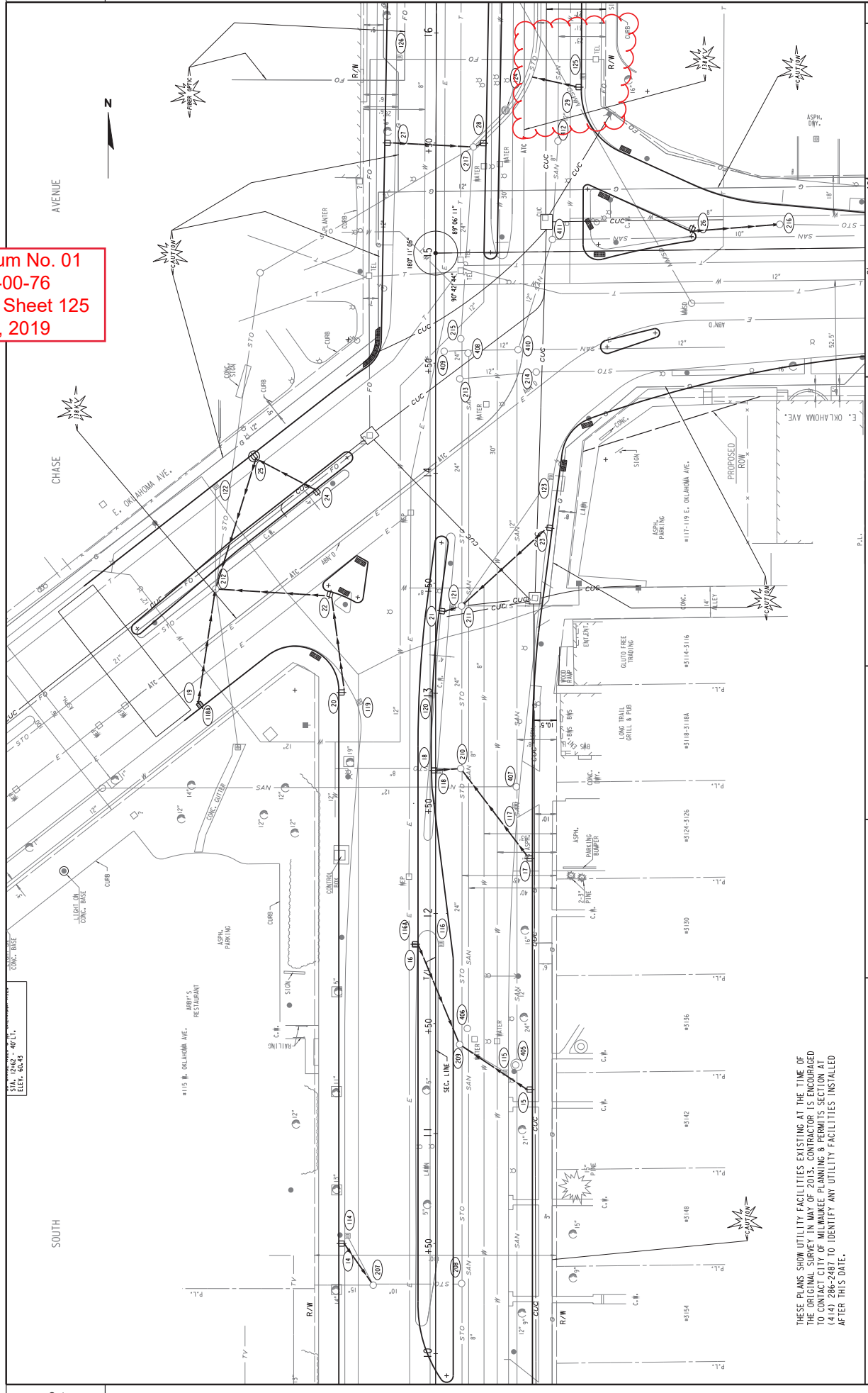


Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 124  
 March 5, 2019

THESE PLANS SHOW UTILITY FACILITIES EXISTING AT THE TIME OF THE ORIGINAL SURVEY IN MAY OF 2013. CONTRACTOR IS ENCOURAGED TO CONTACT CITY OF MILWAUKEE PLANNING & PERMITS SECTION AT (414) 286-2487 TO IDENTIFY ANY UTILITY FACILITIES INSTALLED AFTER THIS DATE.



Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 125  
 March 5, 2019

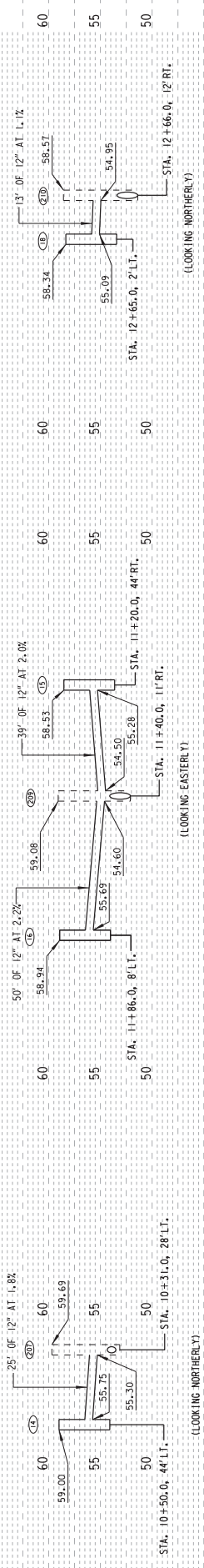


STATE PROJECT NUMBER 2060-00-76 HWY: S. T. H. 38 COUNTY: MILWAUKEE UTILITIES AND DRAINAGE SCALE FEET 0' 40' SHEET NO: 125 E

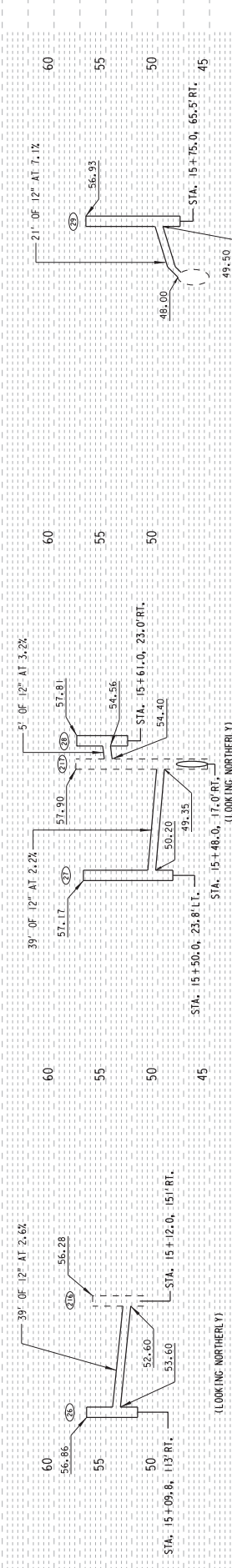
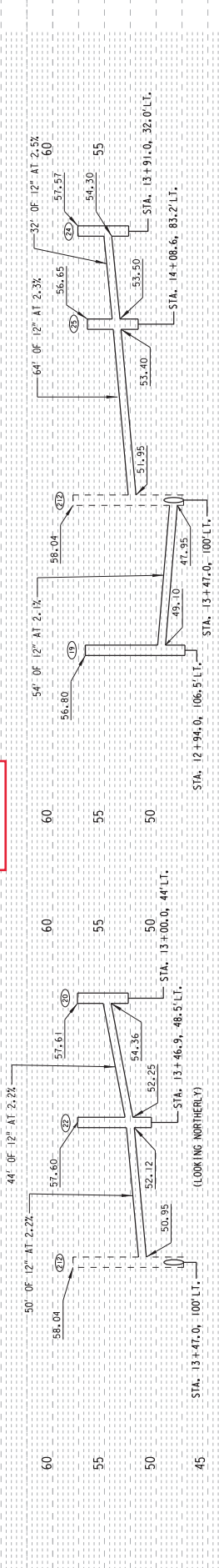
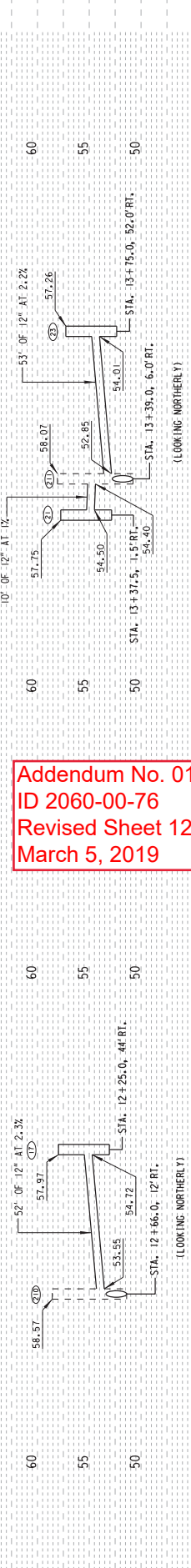
FILENAME: W:\SPRCHASE\_OHIO.LINCOLN\UTIL\_10-16.DGN REVISION DATE: 02-28-2019 BY: SB

THESE PLANS SHOW UTILITY FACILITIES EXISTING AT THE TIME OF THE ORIGINAL SURVEY IN MAY OF 2013. CONTRACTORS IS ENCOURAGED TO CONDUCT A FIELD SURVEY OF ALL UTILITY FACILITIES (CROSSING 2487) TO IDENTIFY ANY UTILITY FACILITIES INSTALLED AFTER THIS DATE.

CAUTION



Addendum No. 01  
ID 2060-00-76  
Revised Sheet 126  
March 5, 2019

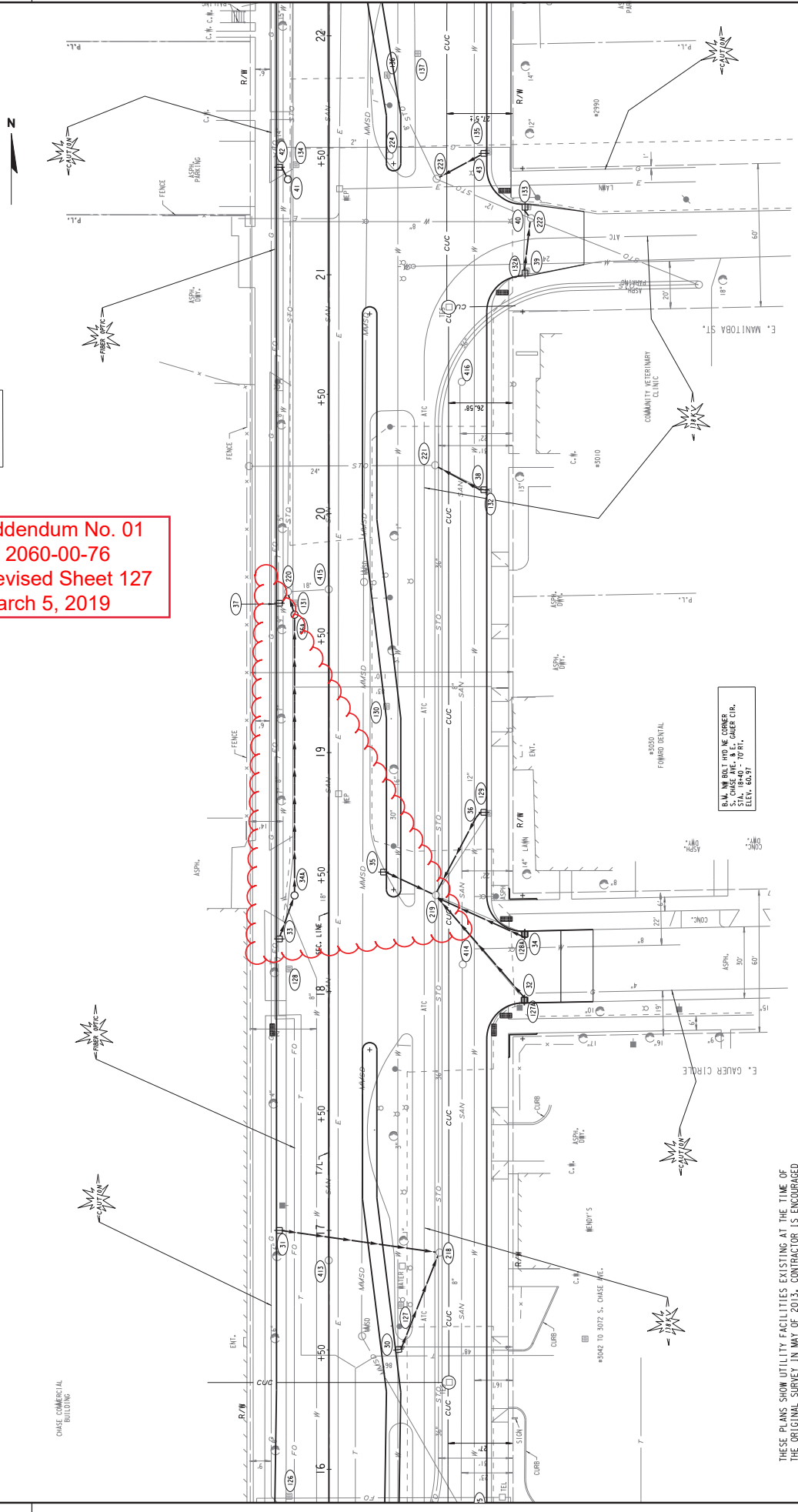


CHASE COMMERCIAL BUILDING

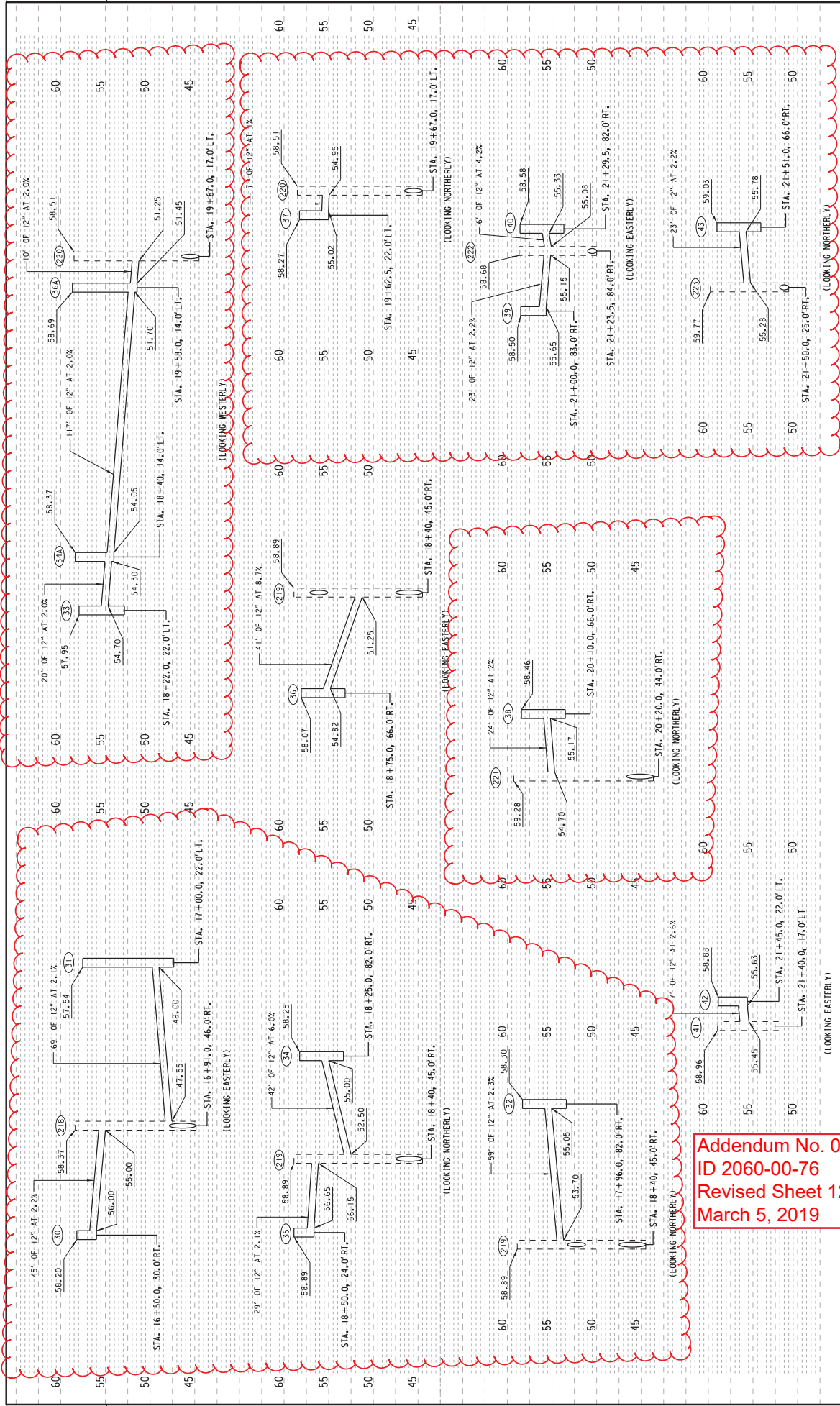
E.M. VAN DER LINDEN & COMPANY  
 1115 S. CAUSEWAY AVE.  
 STA. 200+55 - 27+11  
 ELEV. 60.82

**Addendum No. 01**  
**ID 2060-00-76**  
**Revised Sheet 127**  
**March 5, 2019**

E.M. VAN DER LINDEN & COMPANY  
 1115 S. CAUSEWAY AVE.  
 STA. 18+40 - 19+01  
 ELEV. 60.97

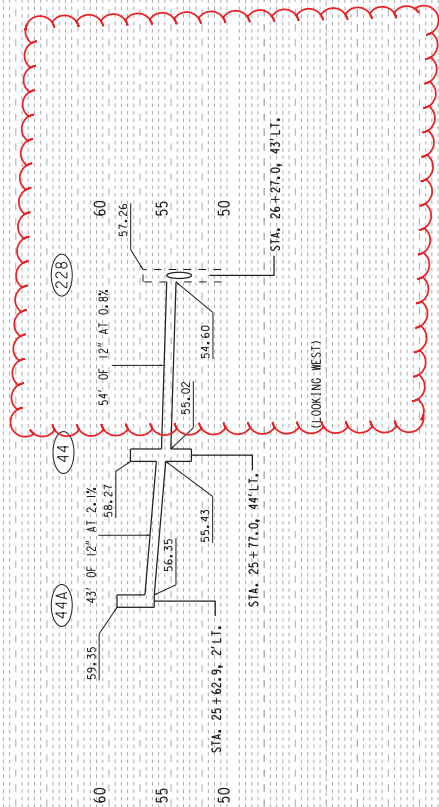


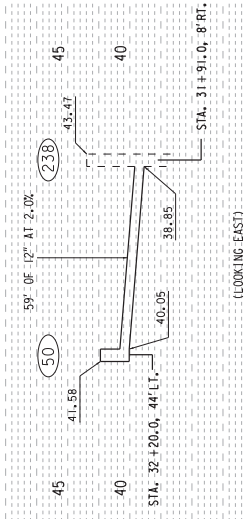
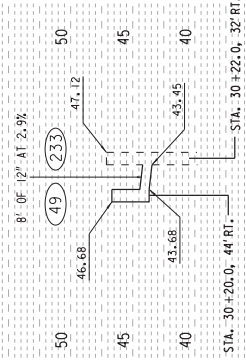
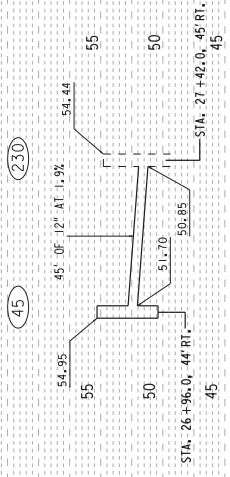
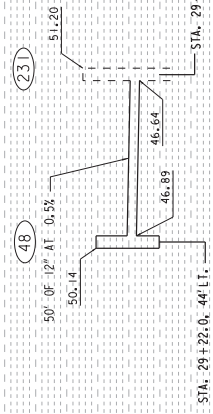
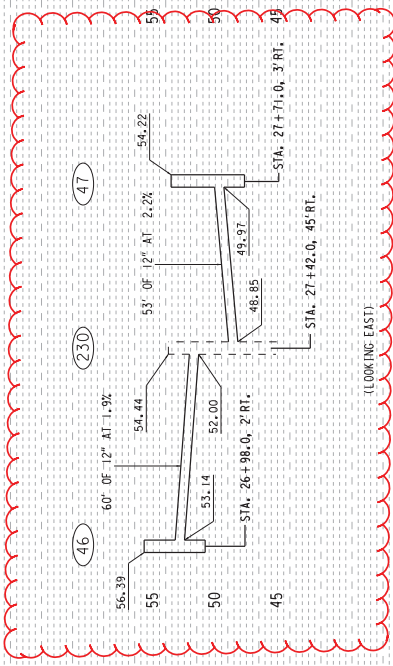
THESE PLANS SHOW UTILITY FACILITIES EXISTING AT THE TIME OF THE ORIGINAL SURVEY IN MAY OF 2013. CONTRACTOR IS ENCOURAGED TO CONTACT CITY OF MILWAUKEE PLANNING & PERMITS SECTION AT (414) 286-2487 TO IDENTIFY ANY UTILITY FACILITIES INSTALLED AFTER THIS DATE.



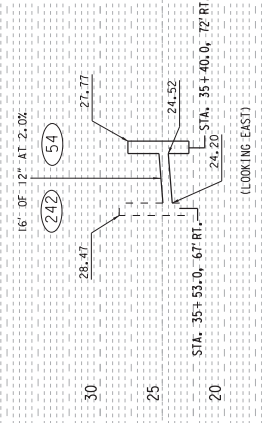
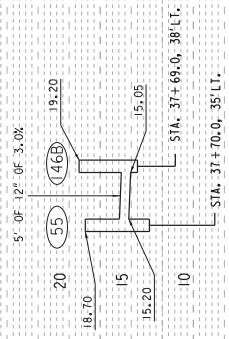
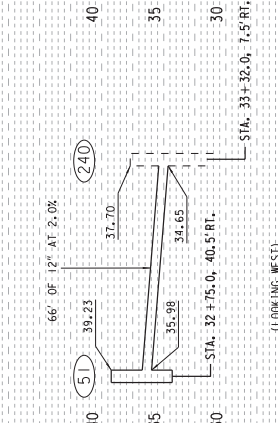
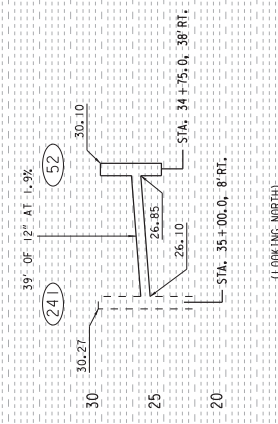
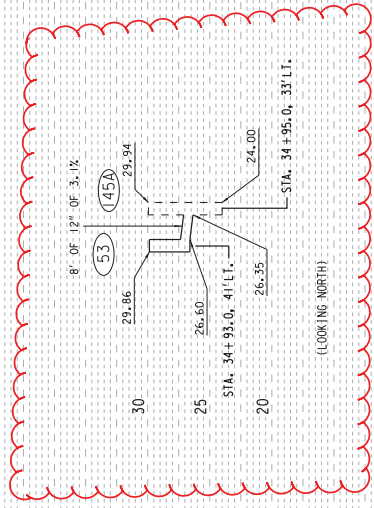
Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 128  
 March 5, 2019

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 130  
 March 5, 2019

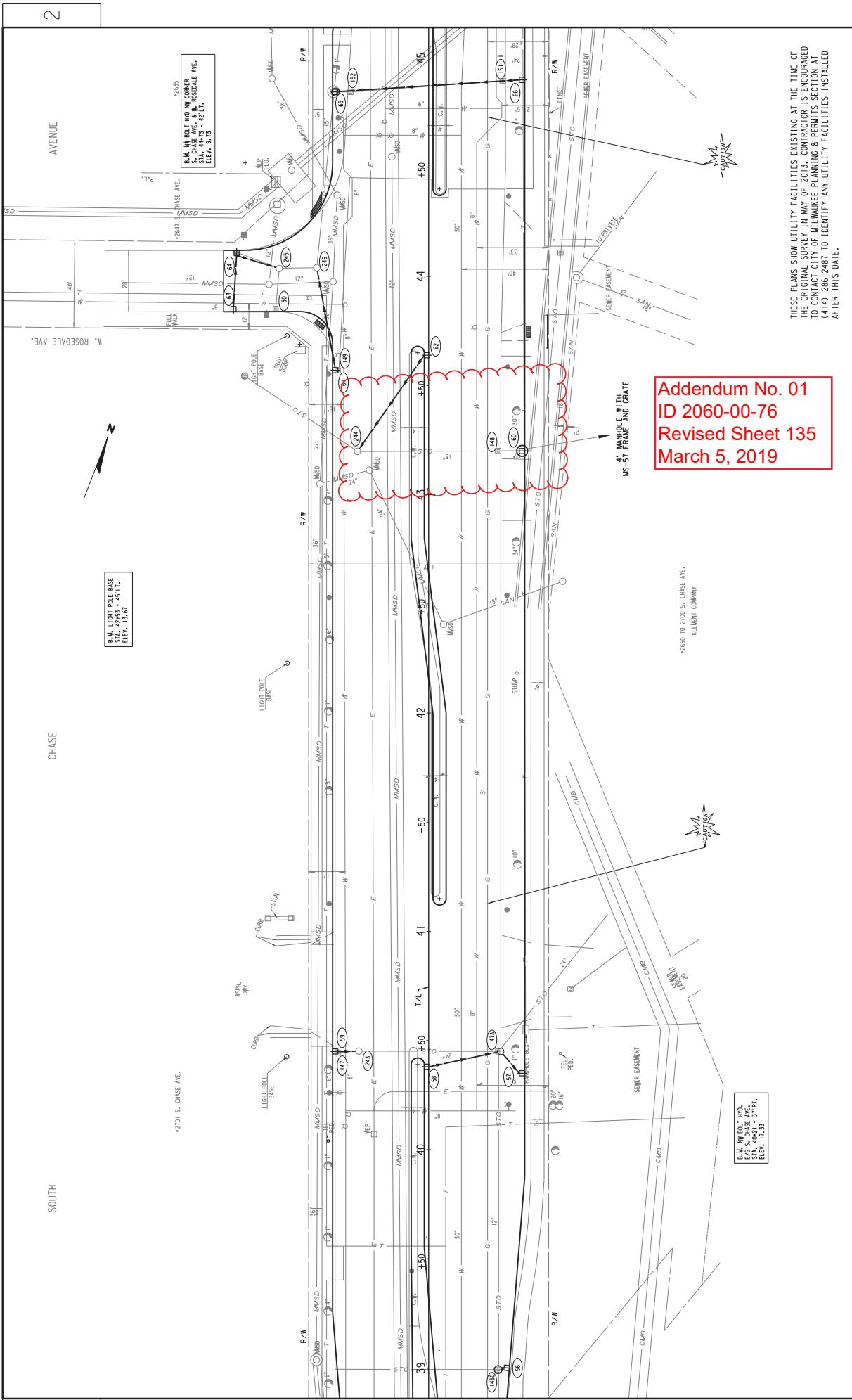




Addendum No. 01  
ID 2060-00-76  
Revised Sheet 132  
March 5, 2019



Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 134  
 March 5, 2019



R.W. LIGHT POLE BASE  
 STA. 42+93 - 45+17.  
 ELEV. 154.67

R.W. NW BOLT W/O. CORNER  
 S. W. CHASE AVE. W. ROSEDALE AVE.  
 STA. 42+93 - 42+91.  
 ELEV. 54.73

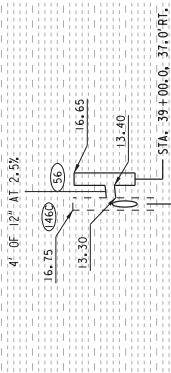
**Addendum No. 01**  
**ID 2060-00-76**  
**Revised Sheet 135**  
**March 5, 2019**

R.W. NW BOLT W/O.  
 E/S S. CHASE AVE.  
 STA. 42+93 - 37+91.  
 ELEV. 117.33

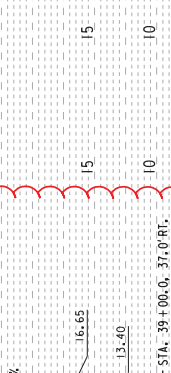
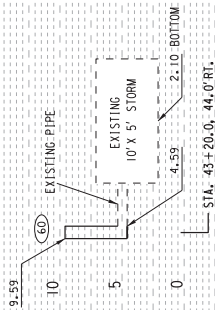
THESE PLANS SHOW UTILITY FACILITIES EXISTING AT THE TIME OF THE ORIGINAL SURVEY IN MAY OF 2013. CONTRACTOR IS ENCOURAGED TO CONTACT CITY OF MILWAUKEE PLANNING & PERMITS SECTION AT (414) 286-2487 TO IDENTIFY ANY UTILITY FACILITIES INSTALLED AFTER THIS DATE.

2	SOUTH CHASE AVENUE	MILWAUKEE AVENUE	2
STATE PROJECT NUMBER 2060-00-76	HWY: S. T. H. 38	COUNTY: MILWAUKEE UTILITIES AND DRAINAGE	SCALE: FEET 1"=40'
			SHEET NO: 135

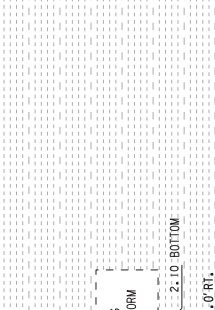




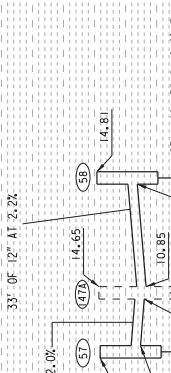
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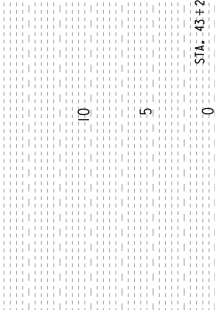
(LOOKING NORTHERLY)



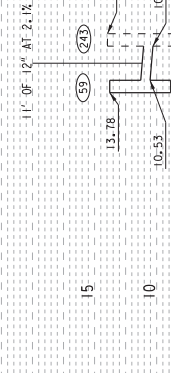
(LOOKING NORTHERLY)



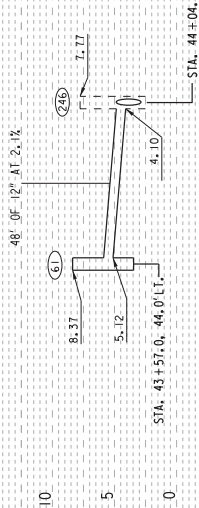
(LOOKING NORTHERLY)



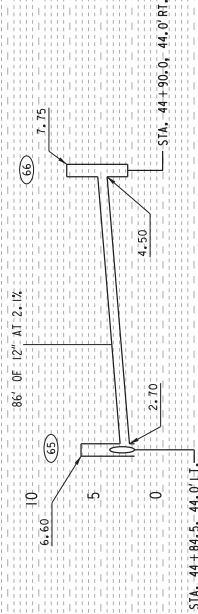
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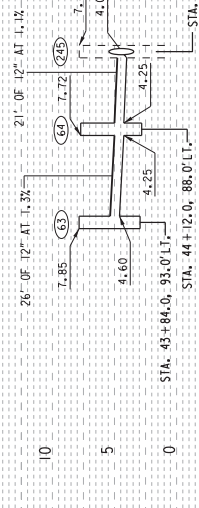
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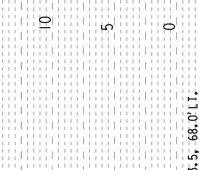
(LOOKING EASTERLY)



(LOOKING NORTHEASTERLY)



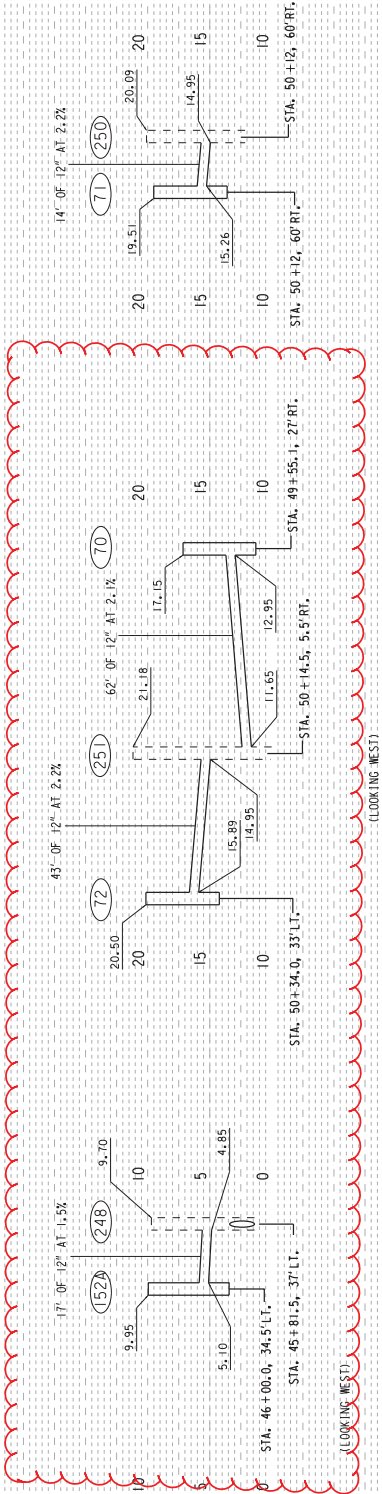
(LOOKING NORTHEASTERLY)



(LOOKING EASTERLY)

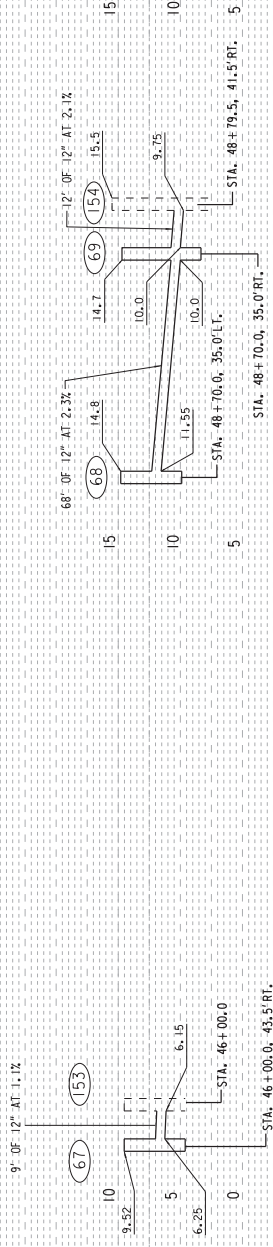
Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 136  
 March 5, 2019

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 138  
 March 5, 2019



(LOOKING WEST)

(LOOKING WEST)

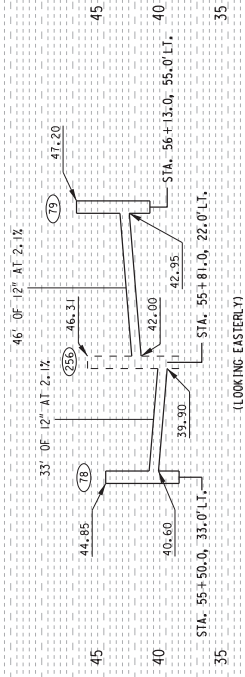
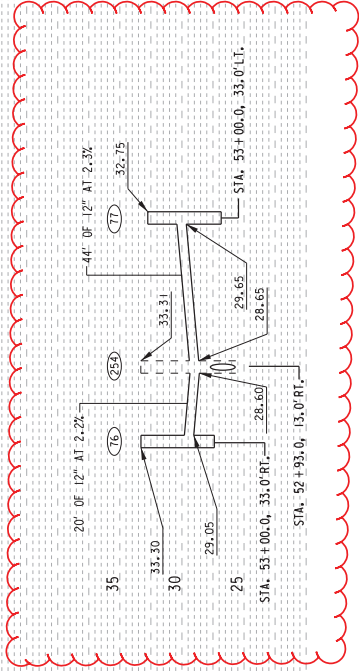
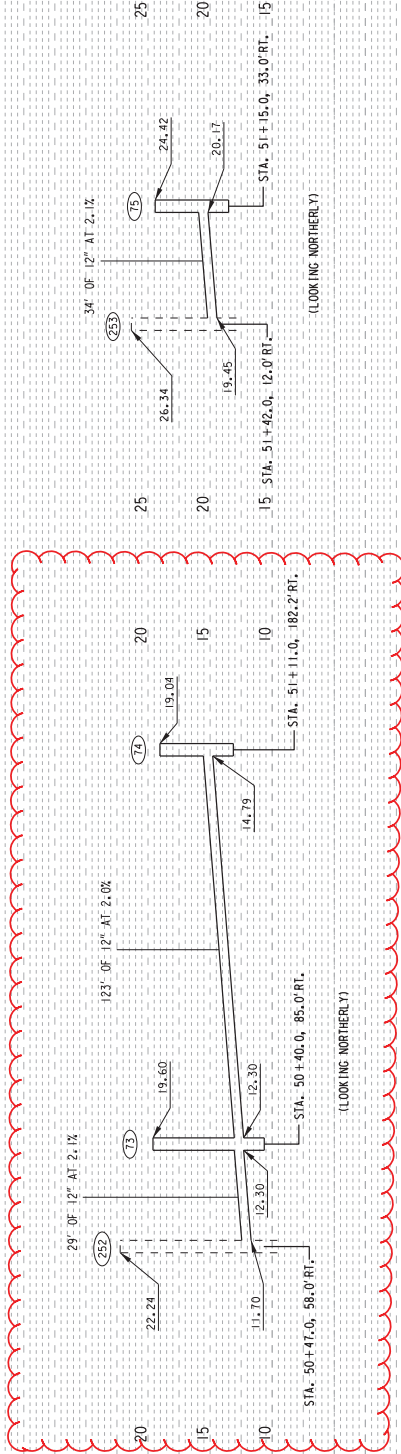


STA. 46+00.0, 43.5' RT.

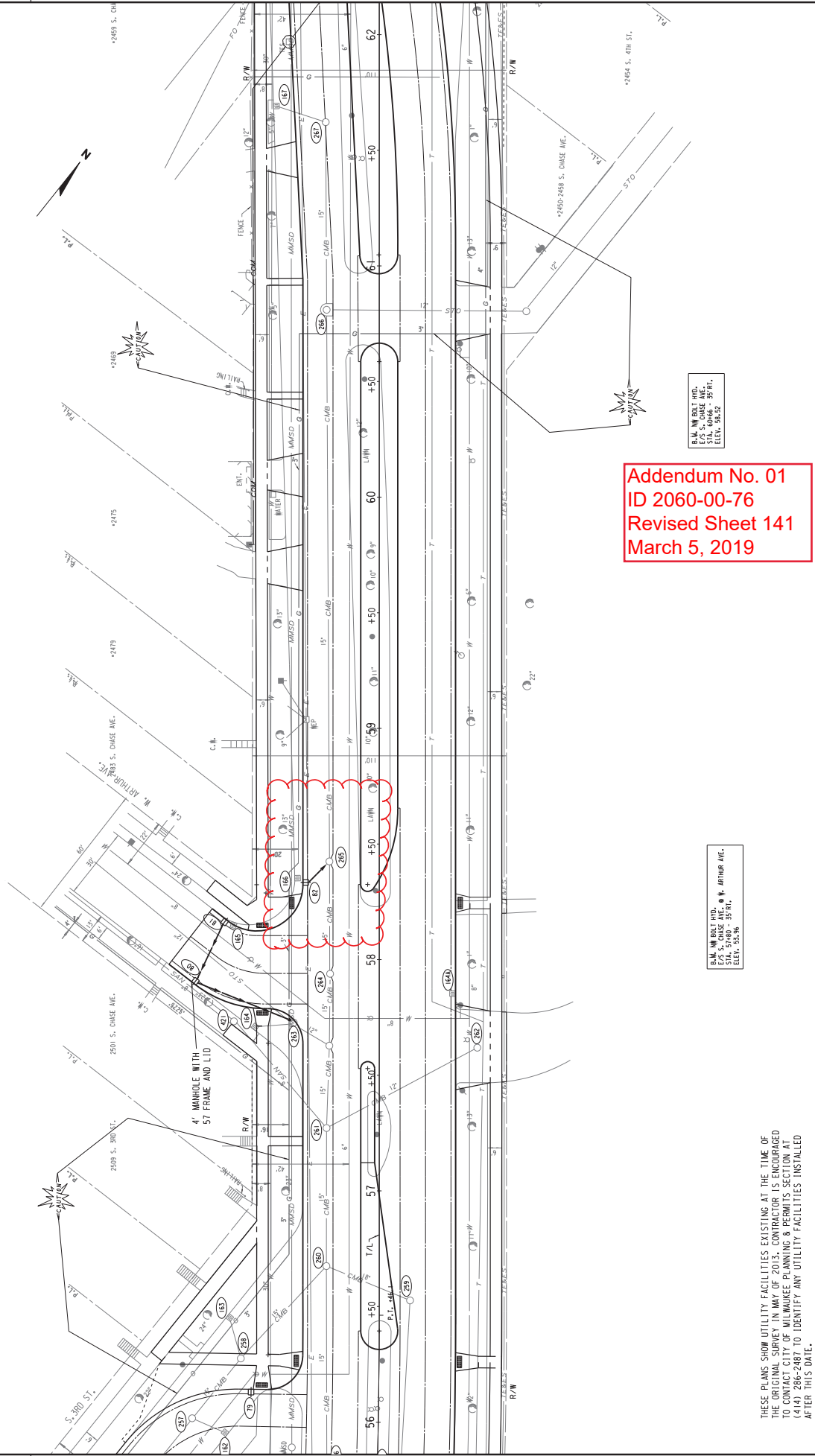
STA. 48+70.0, 35.0' RT.

STA. 48+79.5, 41.5' RT.

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 140  
 March 5, 2019



FILENAME: W:\SPRCHASE\_0010\LINC\NUTIL\_50-56.dgn

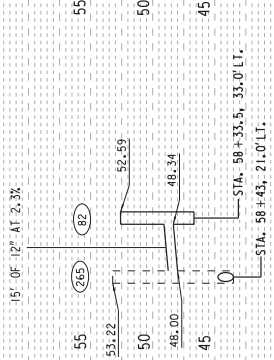
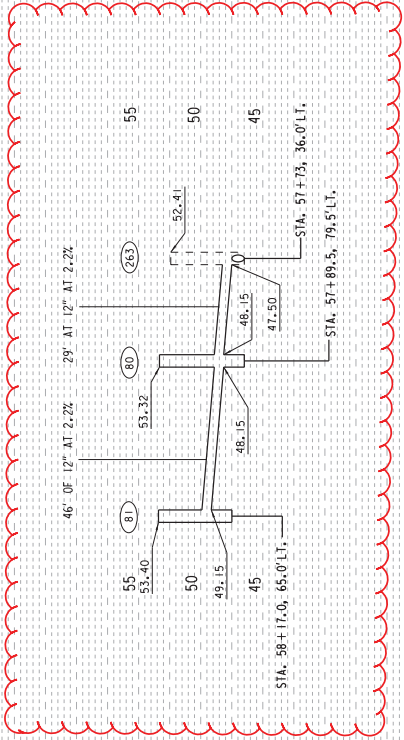


B.M. NW BOLT HD.  
 STA. 5148.00 - 35° RT.  
 ELEV. 58.52

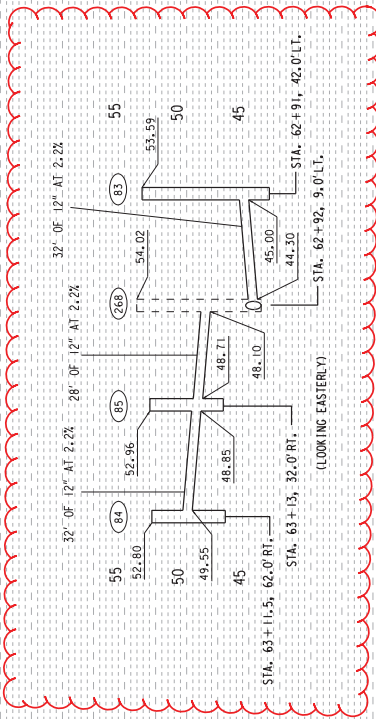
B.M. NW BOLT HD.  
 STA. 5148.00 - 35° RT.  
 ELEV. 58.52

**Addendum No. 01**  
**ID 2060-00-76**  
**Revised Sheet 141**  
**March 5, 2019**

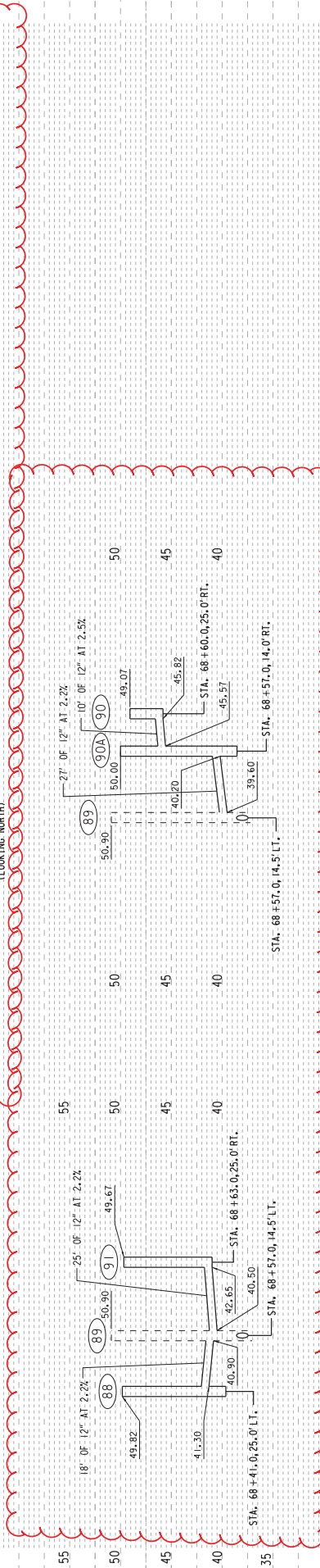
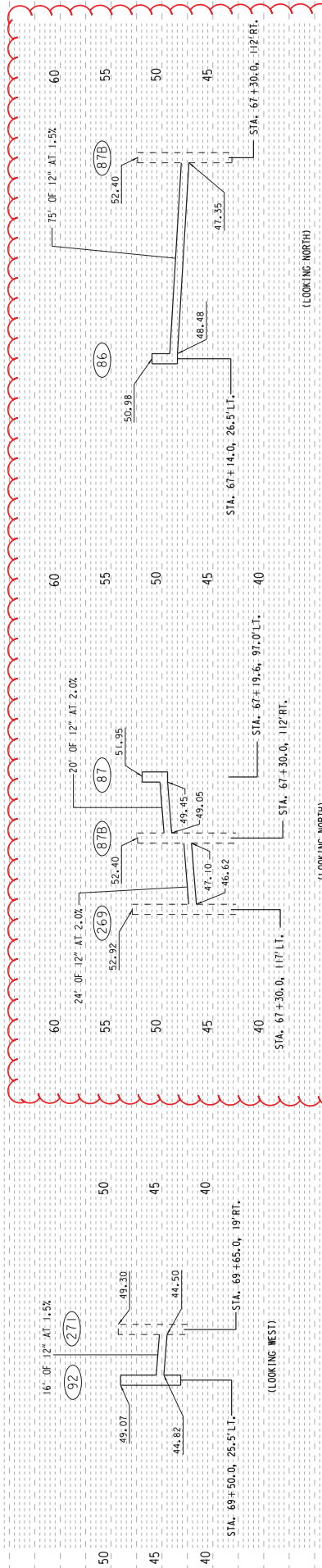
THESE PLANS SHOW UTILITY FACILITIES EXISTING AT THE TIME OF THE ORIGINAL SURVEY IN MAY OF 2013. CONTRACTOR IS ENCOURAGED TO CONTACT CITY OF MILWAUKEE PLANNING & PERMITS SECTION AT (414) 286-2887 TO IDENTIFY ANY UTILITY FACILITIES INSTALLED AFTER THIS DATE.



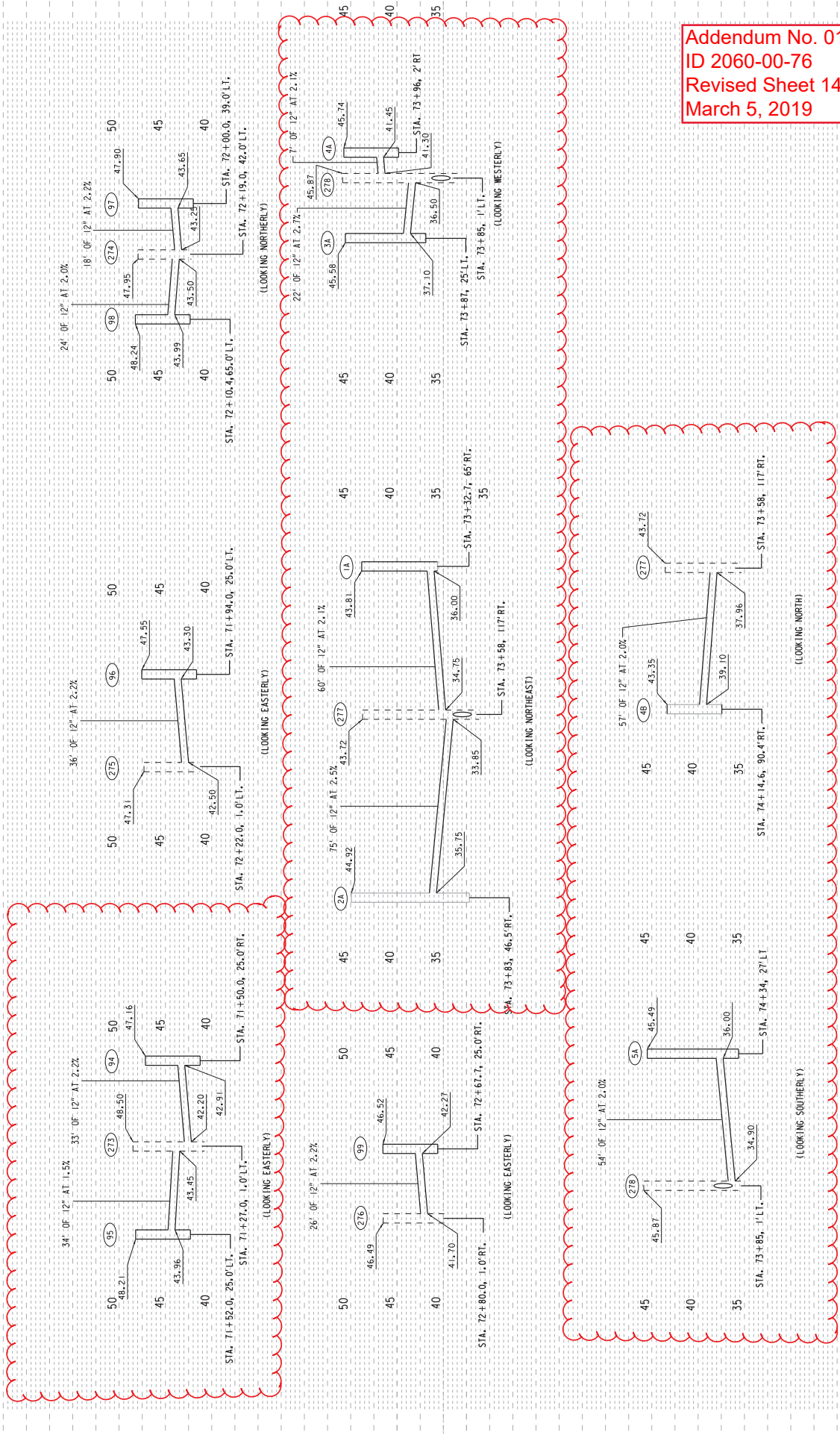
Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 142  
 March 5, 2019



Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 144  
 March 5, 2019



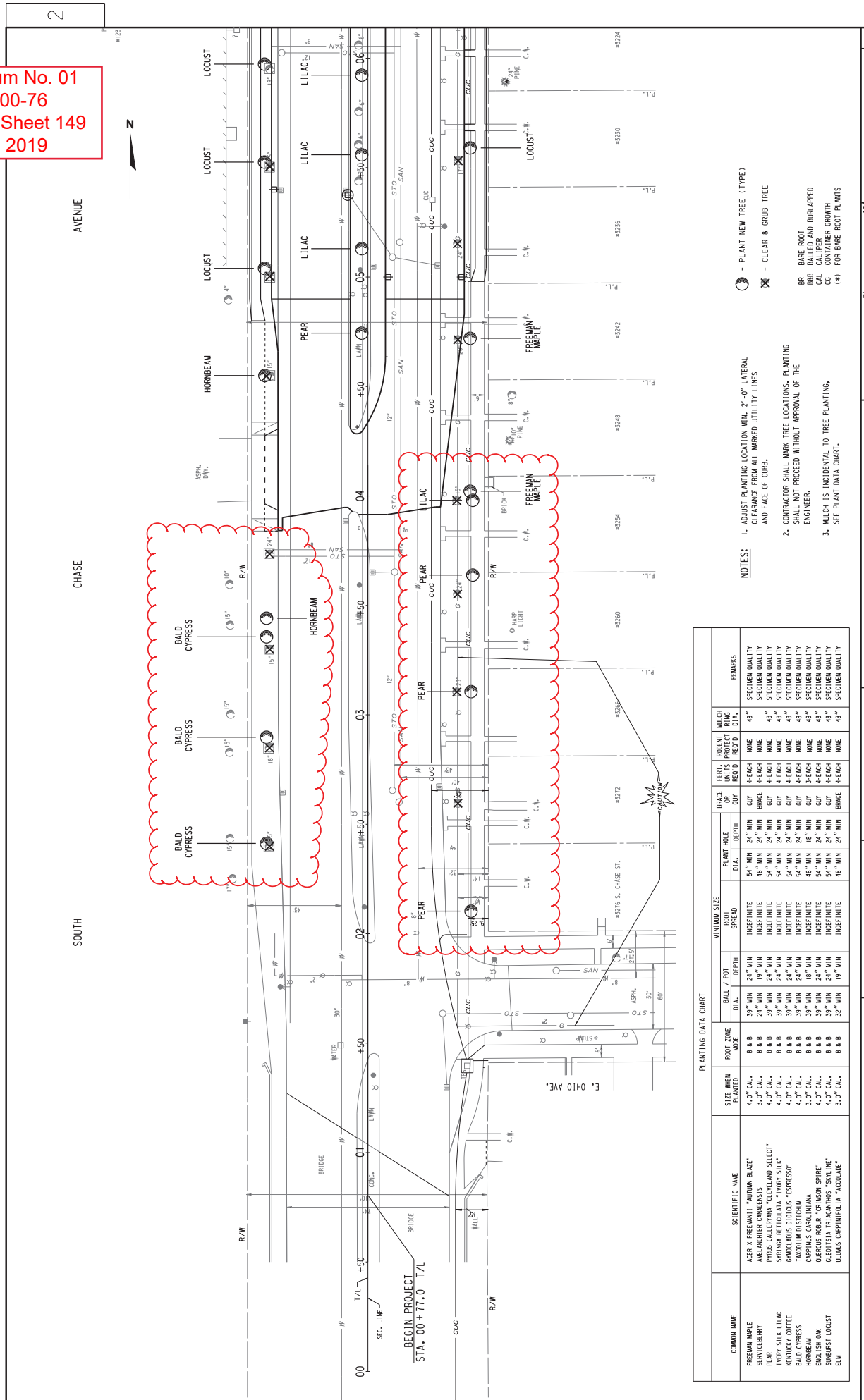
Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 146  
 March 5, 2019



Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 148  
 March 5, 2019



Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 149  
 March 5, 2019



- NOTES:**
- ADJUST PLANTING LOCATION MIN. 2'-0" LATERAL CLEARANCE FROM ALL MARKED UTILITY LINES AND FACE OF CURB.
  - CONTRACTOR SHALL MARK TREE LOCATIONS. PLANTING SHALL NOT PROCEED WITHOUT APPROVAL OF THE ENGINEER.
  - MULCH IS INCIDENTAL TO TREE PLANTING. SEE PLANT DATA CHART.

**PLANTING DATA CHART**

COMMON NAME	SCIENTIFIC NAME	SIZE WHEN PLANTED	ROOT TIME MOVED	MILWAUKEE SITE		ROOT SPREAD	ROOT DEPTH	ROOT DIA.	BRACE	FERT.	ROBERT	MULCH	REMARKS
				BALL / POT	DEPTH								
FREEMAN MAPLE	ACEA V. FREEMANII "AUSTRIAN BLUE"	4.0" CAL.	B B B	39" MIN	24" MIN	INDEFINITE	48" MIN	34" MIN	GOY	A-EACH	NONE	48"	SPECIMEN QUALITY
SEVICERBERRY	AMELANCHIER CANADENSIS	3.0" CAL.	B B B	24" MIN	19" MIN	INDEFINITE	48" MIN	24" MIN	BRACE	A-EACH	NONE	48"	SPECIMEN QUALITY
PEAR	PIRUS CALLERIANA "CLEVELAND SELECT"	4.0" CAL.	B B B	39" MIN	24" MIN	INDEFINITE	48" MIN	24" MIN	GOY	A-EACH	NONE	48"	SPECIMEN QUALITY
IVORY SILK LILAC	SYRINGA RETICULATA "IVORY SILK"	4.0" CAL.	B B B	39" MIN	24" MIN	INDEFINITE	48" MIN	24" MIN	GOY	A-EACH	NONE	48"	SPECIMEN QUALITY
KENTUCKY COFFEE	GYNCLADUS DIOICUS "ESPRESSO"	4.0" CAL.	B B B	39" MIN	24" MIN	INDEFINITE	48" MIN	24" MIN	GOY	A-EACH	NONE	48"	SPECIMEN QUALITY
BALD CYPRESS	TAXODIUM DISTICHUM	4.0" CAL.	B B B	39" MIN	24" MIN	INDEFINITE	48" MIN	24" MIN	GOY	A-EACH	NONE	48"	SPECIMEN QUALITY
HORNBEAM	CARPINUS CAROLINIANA	3.0" CAL.	B B B	39" MIN	18" MIN	INDEFINITE	48" MIN	24" MIN	GOY	A-EACH	NONE	48"	SPECIMEN QUALITY
ENGLISH OAK	QUERCUS ROBUR "CORONADO SPIRES"	4.0" CAL.	B B B	39" MIN	24" MIN	INDEFINITE	48" MIN	24" MIN	GOY	A-EACH	NONE	48"	SPECIMEN QUALITY
ENGLISH OAK	QUERCUS ROBUR "CORONADO SPIRES"	4.0" CAL.	B B B	39" MIN	24" MIN	INDEFINITE	48" MIN	24" MIN	GOY	A-EACH	NONE	48"	SPECIMEN QUALITY
ENGLISH OAK	QUERCUS ROBUR "CORONADO SPIRES"	4.0" CAL.	B B B	39" MIN	24" MIN	INDEFINITE	48" MIN	24" MIN	GOY	A-EACH	NONE	48"	SPECIMEN QUALITY
ENGLISH OAK	QUERCUS ROBUR "CORONADO SPIRES"	4.0" CAL.	B B B	39" MIN	24" MIN	INDEFINITE	48" MIN	24" MIN	GOY	A-EACH	NONE	48"	SPECIMEN QUALITY

STATE PROJECT NUMBER 2060-00-76 COUNTY: MILWAUKEE TREE REMOVAL AND PLANTING SCALE FEET 1" = 40' SHEET NO: 149

HWY: S. T. H. 38

FILENAME: W:\SPRCHASE - OHIO LINCINN TREE 01-06.DGN REVISED: 02-22-2019 BY: SB



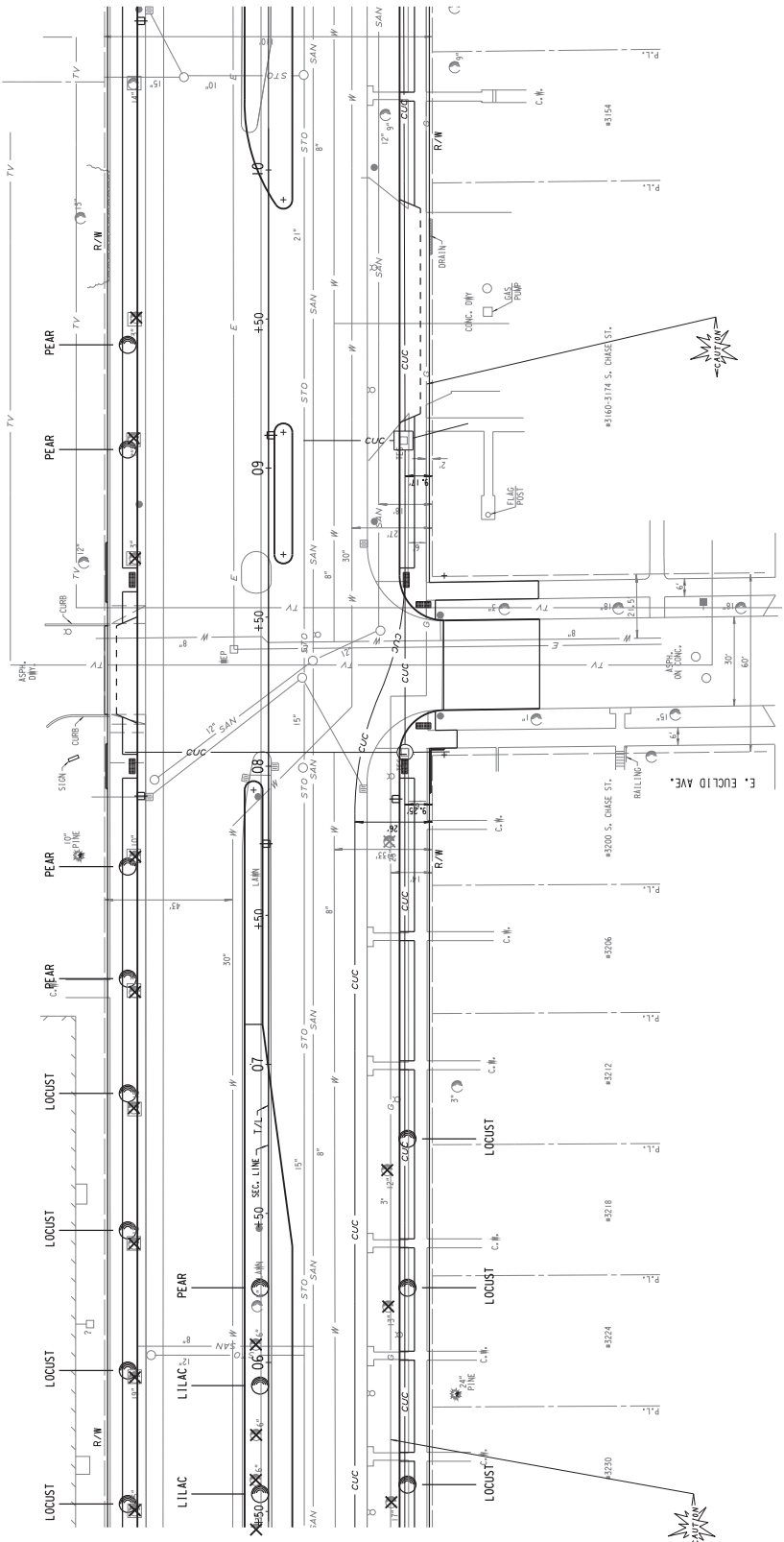
CHASE AVENUE

SOUTH

PLANTING DATA CHART

COMMON NAME	SCIENTIFIC NAME	SIZE WHEN PLANTED	ROOT ZONE	BALL / POT	DEPTH	ROOT SPREAD	PLANT HOLE	BRACE OR UPRIG	UNITS	PROTECT	BRACE OR UPRIG	REMARKS
FREEMAN MAPLE	ACER X FREEMANII "AUTUMN BLAZE"	4.0' CAL.	B B B	39" MIN	24" MIN	INDEFINITE	54" MIN 24" MIN	GOV	4-EACH	NONE	48"	SPECIMEN QUALITY
SERVETERRA	AMELANCHIER CANDENSIS	3.0' CAL.	B B B	24" MIN	19" MIN	INDEFINITE	48" MIN 24" MIN	GOV	4-EACH	NONE	48"	SPECIMEN QUALITY
PEAR	PRUNUS CALLERIANA "CLEVELAND SELECT"	4.0' CAL.	B B B	39" MIN	24" MIN	INDEFINITE	54" MIN 24" MIN	GOV	4-EACH	NONE	48"	SPECIMEN QUALITY
TIERY SILK LILAC	SPRINGDA RETICULATA "TIERY SILK"	4.0' CAL.	B B B	39" MIN	24" MIN	INDEFINITE	54" MIN 24" MIN	GOV	4-EACH	NONE	48"	SPECIMEN QUALITY
KENTUCKY COFFEE	OMOCLODUS THOUIDOS "ESPRESSO"	4.0' CAL.	B B B	39" MIN	24" MIN	INDEFINITE	54" MIN 24" MIN	GOV	4-EACH	NONE	48"	SPECIMEN QUALITY
HORSERADISH	CARPENUS CAROLINANA	3.0' CAL.	B B B	39" MIN	18" MIN	INDEFINITE	48" MIN 18" MIN	GOV	4-EACH	NONE	48"	SPECIMEN QUALITY
ENGLISH OAK	QUERCUS ROBUR "CRIMSON SPIRE"	4.0' CAL.	B B B	39" MIN	24" MIN	INDEFINITE	54" MIN 24" MIN	GOV	4-EACH	NONE	48"	SPECIMEN QUALITY
LOCUST	GLEDDISIA TRICANTIOS "SKYLINE"	4.0' CAL.	B B B	39" MIN	24" MIN	INDEFINITE	54" MIN 24" MIN	GOV	4-EACH	NONE	48"	SPECIMEN QUALITY
ELM	ULMUS CARPINIFOLIA "ACCOLADE"	3.0' CAL.	B B B	32" MIN	19" MIN	INDEFINITE	48" MIN 24" MIN	GOV	4-EACH	NONE	48"	SPECIMEN QUALITY

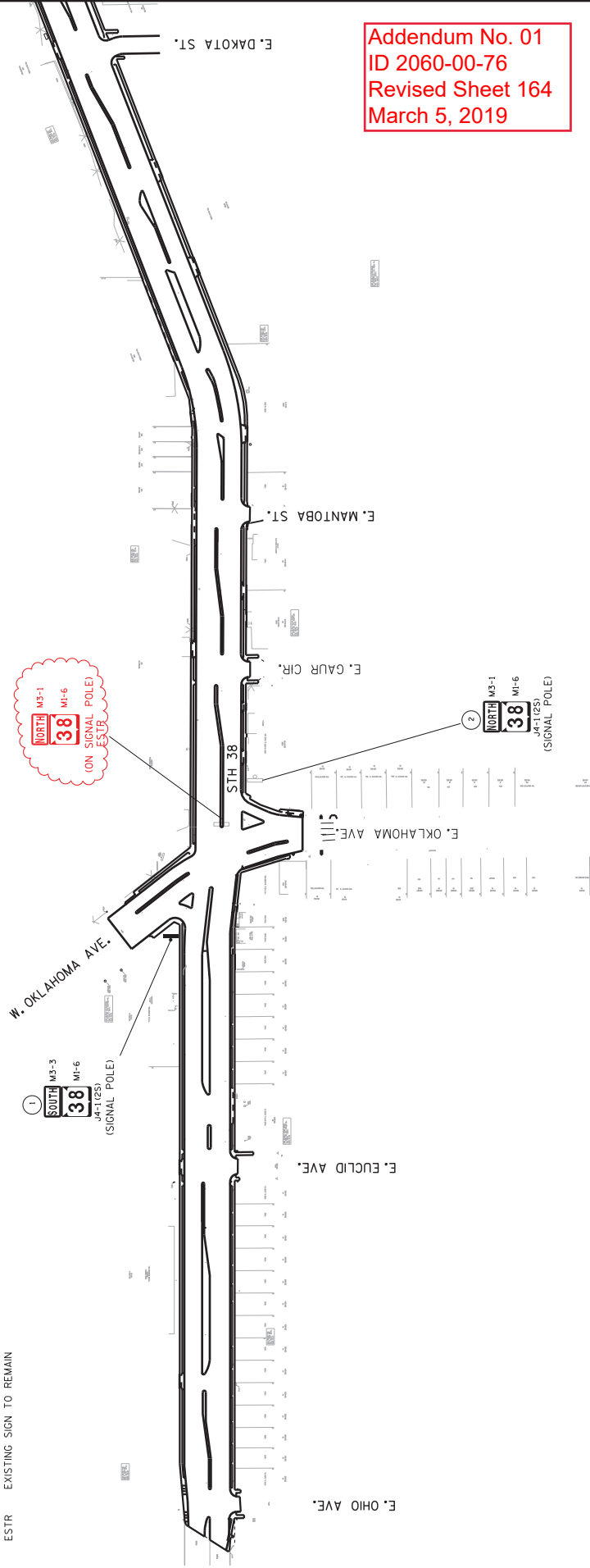
- NOTES:
- ADJUST PLANTING LOCATION MIN. 2'-0" LATERAL AND FACE OF CURB.
  - CONTRACTOR SHALL MARK TREE LOCATIONS. PLANTING SHALL NOT PROCEED WITHOUT APPROVAL OF THE ENGINEER.
  - MULCH IS INCIDENTAL TO TREE PLANTING. SEE PLANT DATA CHART.
- BR BARE ROOT  
BBB BALLED AND BURGLAPPED  
CAL CAL CALIPER  
C.C. CALIPER CENTER  
(\*) FOR BARE ROOT PLANTS
- PIGGLY BIGGLY  
OROSPPY  
#123 N. WINDHAM AVE.



Addendum No. 01  
ID 2060-00-76  
Revised Sheet 150  
March 5, 2019

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON LIGHT POLE/SIGNAL POLE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON NEW LIGHT POLE
- EXISTING LIGHT OR SIGNAL POLE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- L.P. LIGHT POLE
- ESTR EXISTING SIGN TO REMAIN

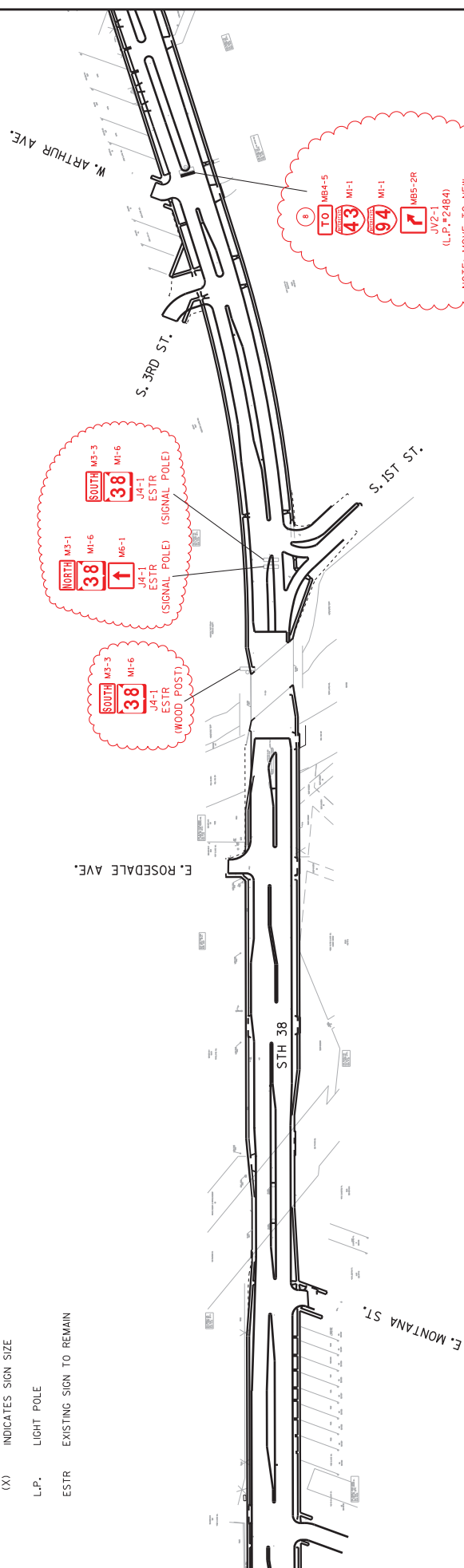


Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 164  
 March 5, 2019

REVISED  
 2/25/19

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON LIGHT POLE/SIGNAL POLE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON NEW LIGHT POLE
- EXISTING LIGHT OR SIGNAL POLE
- DENOTES SIGN NUMBER
- INDICATES SIGN SIZE
- L.P.
- EXISTING SIGN TO REMAIN

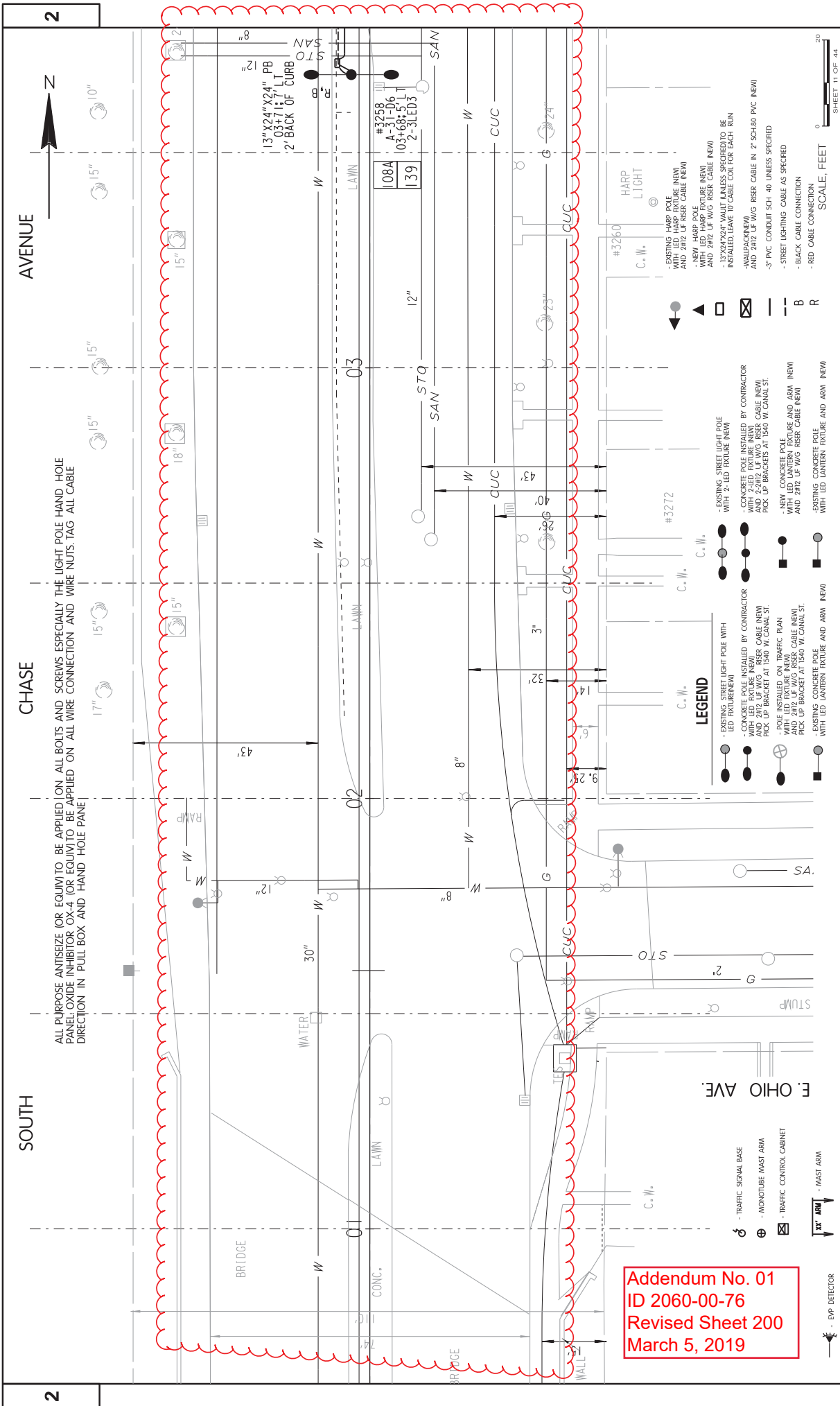


Addendum No. 01  
ID 2060-00-76  
Revised Sheet 165  
March 5, 2019

REVISED  
2-22-19

PROJECT NO: 2060-00-76	COUNTY: MILWAUKEE	PERMANENT SIGNING - ROUTE MARKERS	SHEET 165
HWY: STH 38	PLOT DATE : 21-FEB-2019 13:01	PLOT BY : dotcmv	PLOT SCALE : 200:1
			WISDOT/CADDS SHEET 42





2

2

SOUTH AVENUE

CHASE AVENUE

E OHIO AVE

ALL PURPOSE ANTI-SEIZE (OR EQUIV) TO BE APPLIED ON ALL BOLTS AND SCREWS ESPECIALLY THE LIGHT POLE HAND HOLE PANEL OXIDE INHIBITOR OX-4 (OR EQUIV) TO BE APPLIED ON ALL WIRE CONNECTION AND WIRE NUTS. TAG ALL CABLE DIRECTION IN PULL BOX AND HAND HOLE PANE

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 200  
 March 5, 2019

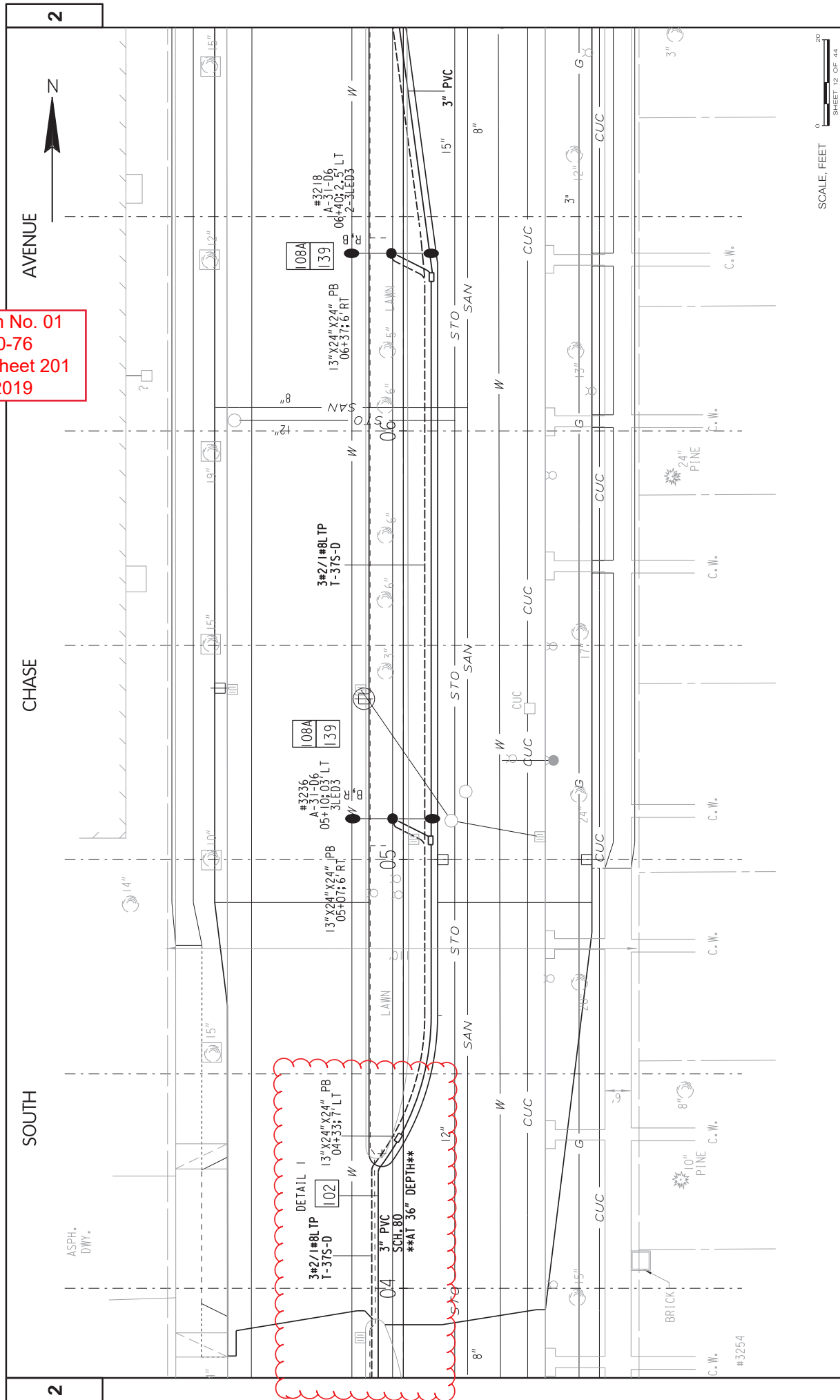
**LEGEND**

- - EXISTING STREET LIGHT POLE WITH LED FIXTURE (NEW)
- - CONCRETE POLE INSTALLED BY CONTRACTOR WITH LED FIXTURE (NEW)
- - CONCRETE POLE INSTALLED BY CONTRACTOR WITH 2-LED FIXTURE (NEW)
- - NEW CONCRETE POLE WITH LED FIXTURE AND 2-LED UP W/G RISER CABLE (NEW)
- - EXISTING CONCRETE POLE WITH LED LANTERN FIXTURE AND ARM (NEW)
- - TRAFFIC SIGNAL BASE
- ⊕ - MONOTUBE MAST ARM
- ⊗ - TRAFFIC CONTROL CABINET
- ⬆ - MAST ARM
- ⬆ - EIP DETECTOR

- - EXISTING STREET LIGHT POLE WITH 2-LED FIXTURE (NEW)
- - CONCRETE POLE INSTALLED BY CONTRACTOR WITH 2-LED FIXTURE (NEW)
- - CONCRETE POLE INSTALLED BY CONTRACTOR WITH 2-LED UP W/G RISER CABLE (NEW) AND 2-2#12 UP W/G RISER CABLE AT 1540 W CANAL ST. PICK UP BRACKET AT 1540 W CANAL ST.
- - NEW CONCRETE POLE WITH LED FIXTURE AND 2-LED UP W/G RISER CABLE (NEW) AND 2-2#12 UP W/G RISER CABLE AT 1540 W CANAL ST. PICK UP BRACKET AT 1540 W CANAL ST.
- - EXISTING CONCRETE POLE WITH LED LANTERN FIXTURE AND ARM (NEW)

- - EXISTING HARP POLE WITH LED HARP FIXTURE (NEW)
- - NEW HARP POLE WITH LED HARP FIXTURE (NEW)
- - NEW HARP POLE WITH LED HARP RISER CABLE (NEW) AND 2#12 UP W/G RISER CABLE (NEW) INSTALLED LEAVE UP CABLE COIL FOR EACH RUN
- - WALL MOUNTED HARP POLE WITH LED HARP RISER CABLE IN 2" SCH 40 PVC (NEW)
- - STREET LIGHTING CABLE AS SPECIFIED
- - BLACK CABLE CONNECTION
- - RED CABLE CONNECTION

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 201  
 March 5, 2019



AVENUE

CHASE

SOUTH

2

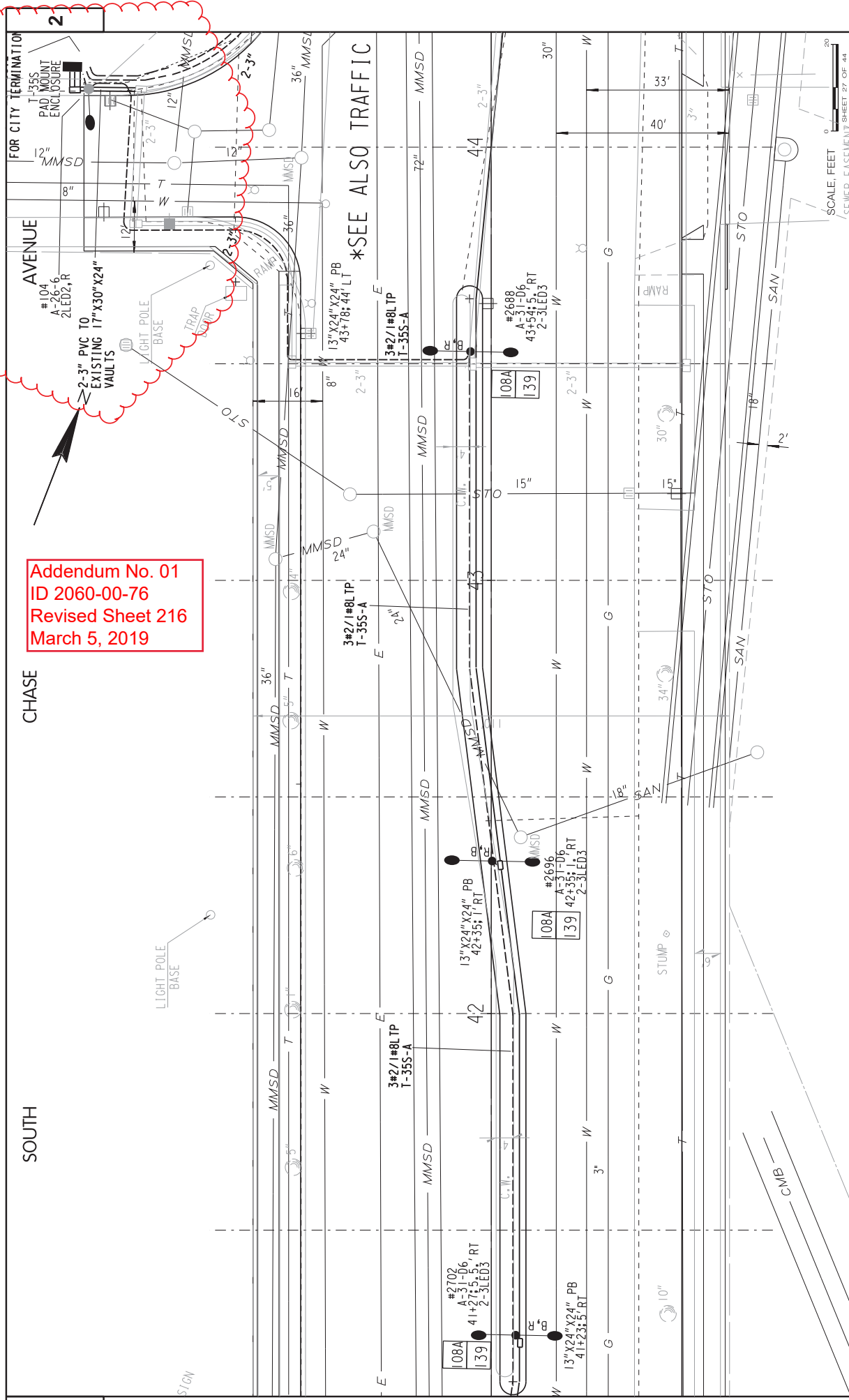
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SCALE, FEET 0 20  
 SHEET 12 OF 44

PROJECT NO: 2060-00-76 HWY: S.T.H. 38 COUNTY: MILWAUKEE STREET LIGHTING CONDUIT DETAILS & PLAN SHEET 201

FILE NAME : W:\as\jvanruga\2016work\Chase Ave - Ohio to Lincoln (2060-00-76)\2060-00-76 TEES Conduit.dgn PLOT DATE : 25-FEB-2019 11:03 PLOT BY : aee PLOT SCALE : 20.000000:1.000000 WISDOT\CADD\3D SHEET 42



Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 216  
 March 5, 2019

FOR CITY TERMINATION  
 #104  
 A-26-6  
 2LED2,R  
 12\"/>

AVENUE  
 #104  
 A-26-6  
 2LED2,R  
 12\"/>

2-3\"/>

CHASE  
 SOUTH  
 LIGHT POLE  
 BASE

STG  
 MMSD  
 W  
 T  
 36\"/>

2

\*SEE ALSO TRAFFIC

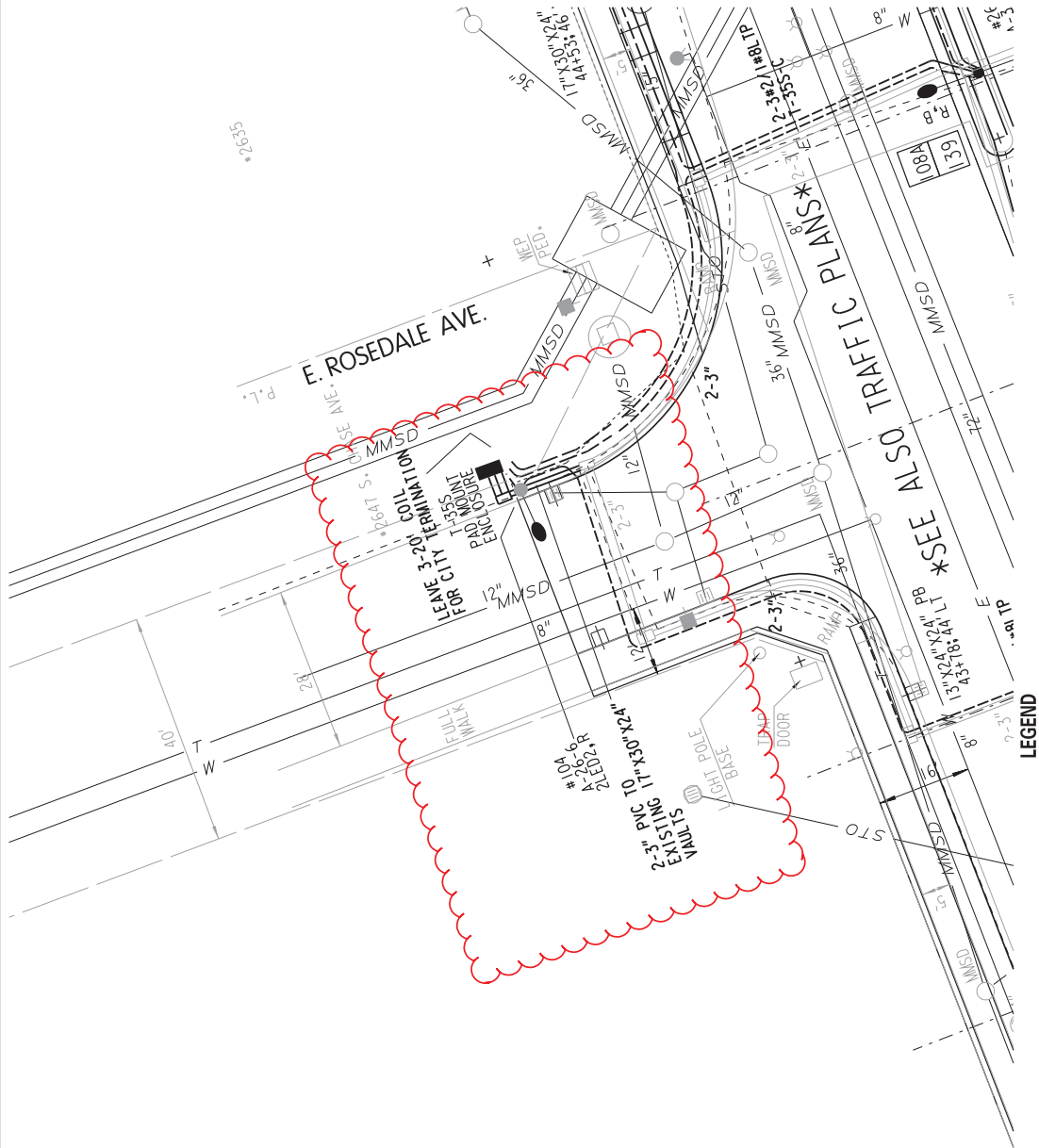
SCALE, FEET  
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PROJECT NO: 2060-00-76	COUNTY: MILWAUKEE	STREET LIGHTING CONDUIT DETAILS & PLAN	SHEET 216
HWY: S.T.H. 38			
<small>FILE NAME : W:\pos\jvanruga\2016work\Chase Ave - Ohio to Lincoln (2060-00-76)\2060-00-76 TEES Conduit.dgn        PLOT DATE : 27-FEB-2019 08:41        PLOT BY : ebe        PLOT SCALE : 20:000000:100000        WISDOT\CADD\SD SHEET 216 OF 44</small>			





Addendum No. 01  
ID 2060-00-76  
Revised Sheet 217  
March 5, 2019



LEGEND

SCALE, FEET 0 20  
SHEET 217 OF 44

PROJECT NO: 2060-00-76

COUNTY: MILWAUKEE

STREET LIGHTING CONDUIT DETAILS & PLAN

SHEET 217

E

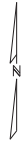
PLOT SCALE : 20.000000:1.000000

WISDOT/CADD/S SHEET 42

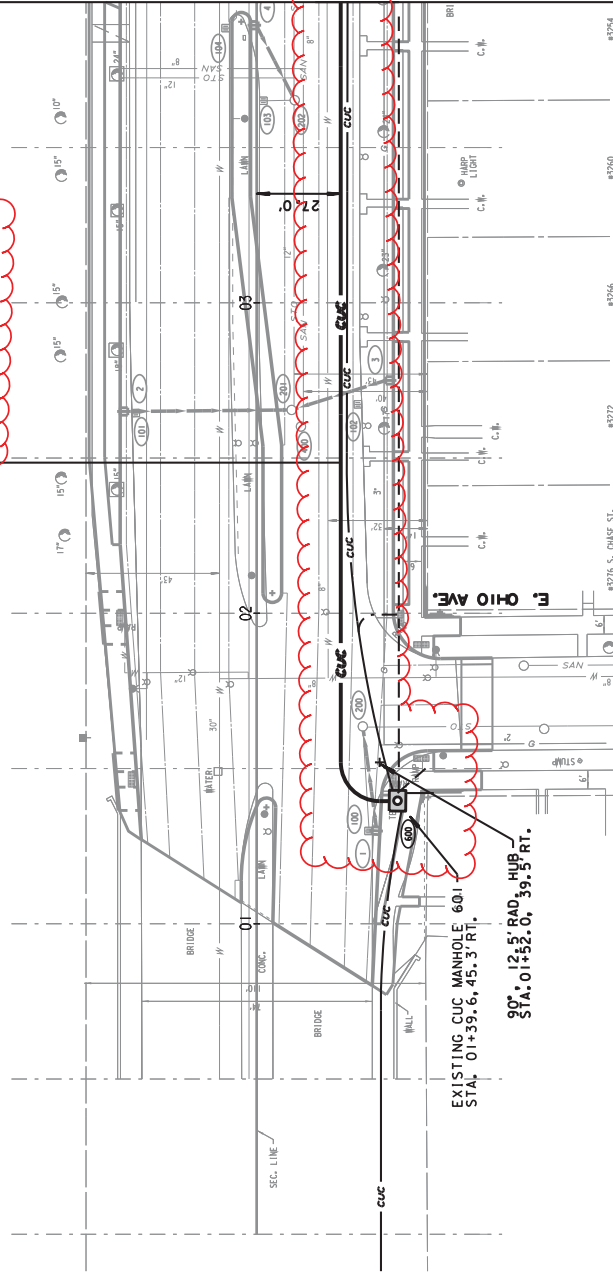
SOUTH

CHASE

AVENUE



100' 4" PVC CONDUIT  
 ENCASED IN  
 100' CEMENT



Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 233  
 March 5, 2019

EXISTING CUC MANHOLE 601  
 STA. 01+39.6, 45.3' RT.  
 90° 12.5' RAD. HUR.  
 STA. 01+52.0, 39.9' RT.

NOTES:

- 1) CONSTRUCTION STAKING FOR THE CITY UNDERGROUND CONDUIT (CUC) FACILITIES IS TO BE INCLUDED IN AND PAID FOR UNDER THE BID ITEM 650.8500 CONSTRUCTION STAKING ELECTRICAL
- 2) THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN.
- 3) THE LOCATION OF THE EXISTING AND PROPOSED UTILITY INSTALLATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
- 4) DIMENSIONS SHOWN ARE CENTER-TO-CENTER OF MANHOLE, DUCT PACKAGE OR UTILITY.
- 5) MAINTAIN A STANDARD DEPTH OF 39-INCHES BETWEEN FINISHED GRADE AND TOP OF CONDUIT.

LEGEND

- CUC --- PROPOSED 4-INCH CEMENT ENCASED NONMETALLIC CONDUIT, NUMBER OF RUNS AS NOTED.
- PROPOSED CUC MANHOLE
- EXISTING CUC MANHOLE
- CUC --- EXISTING CONDUIT
- CONDUIT TO BE ABANDONED

STATE PROJECT NUMBER 2060-00-76

HWY: U. S. H. 38

COUNTY: MILWAUKEE CITY UG CONDUIT (CUC)

SCALE FEET 0"

SHEET NO: 233

E

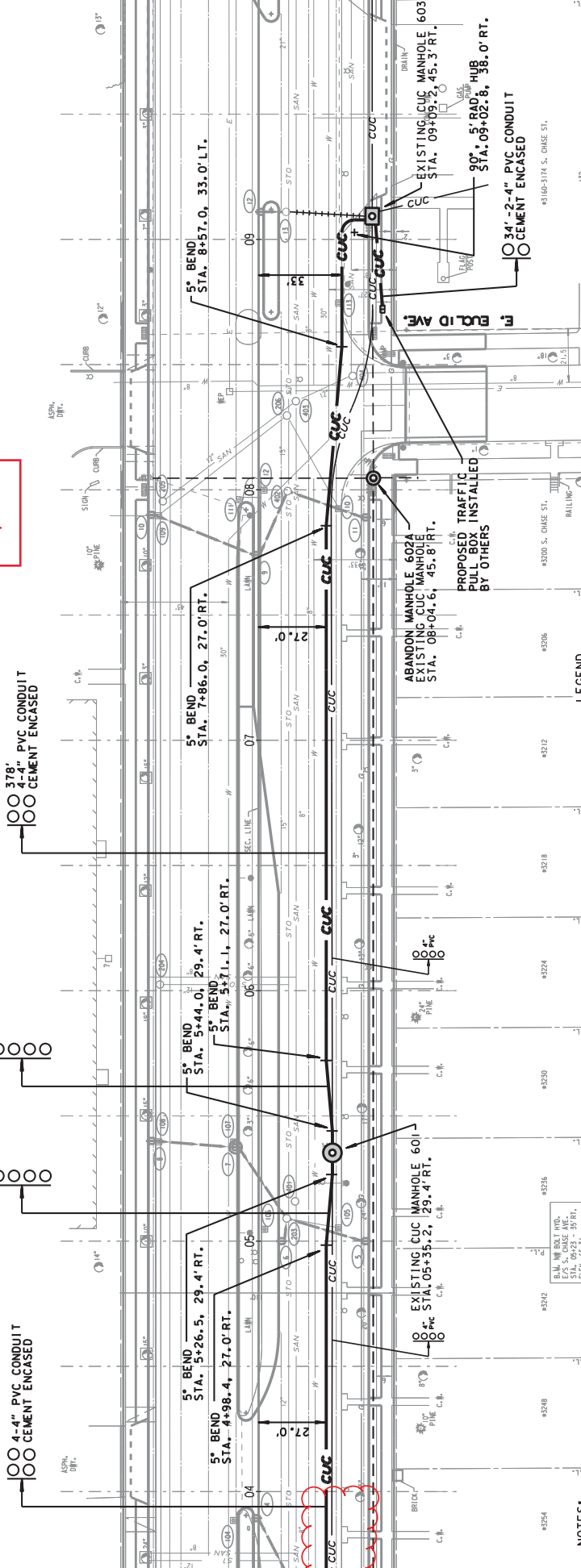
AVENUE

Addendum No. 01  
ID 2060-00-76  
Revised Sheet 234  
March 5, 2019

CHASE

SOUTH

TRANSITION CONDUIT FROM  
2X21 TO 1X4 PACKAGE FOR  
INSTALLATION INTO MANHOLE.  
INSTALL PROPOSED DUCTS ON  
TOP OF EXISTING 1X4 PACKAGE.  
PRIORITY ONLY  
PROPERTY  
#129 W. MILWAUKEE AVE.



LEGEND

- CUC ---
- 
- 
- CUC ---
- 

PROPOSED 4-INCH CEMENT ENCASED NONMETALLIC CONDUIT,  
NUMBER OF RUNS AS NOTED.

PROPOSED CUC MANHOLE

EXISTING CUC MANHOLE

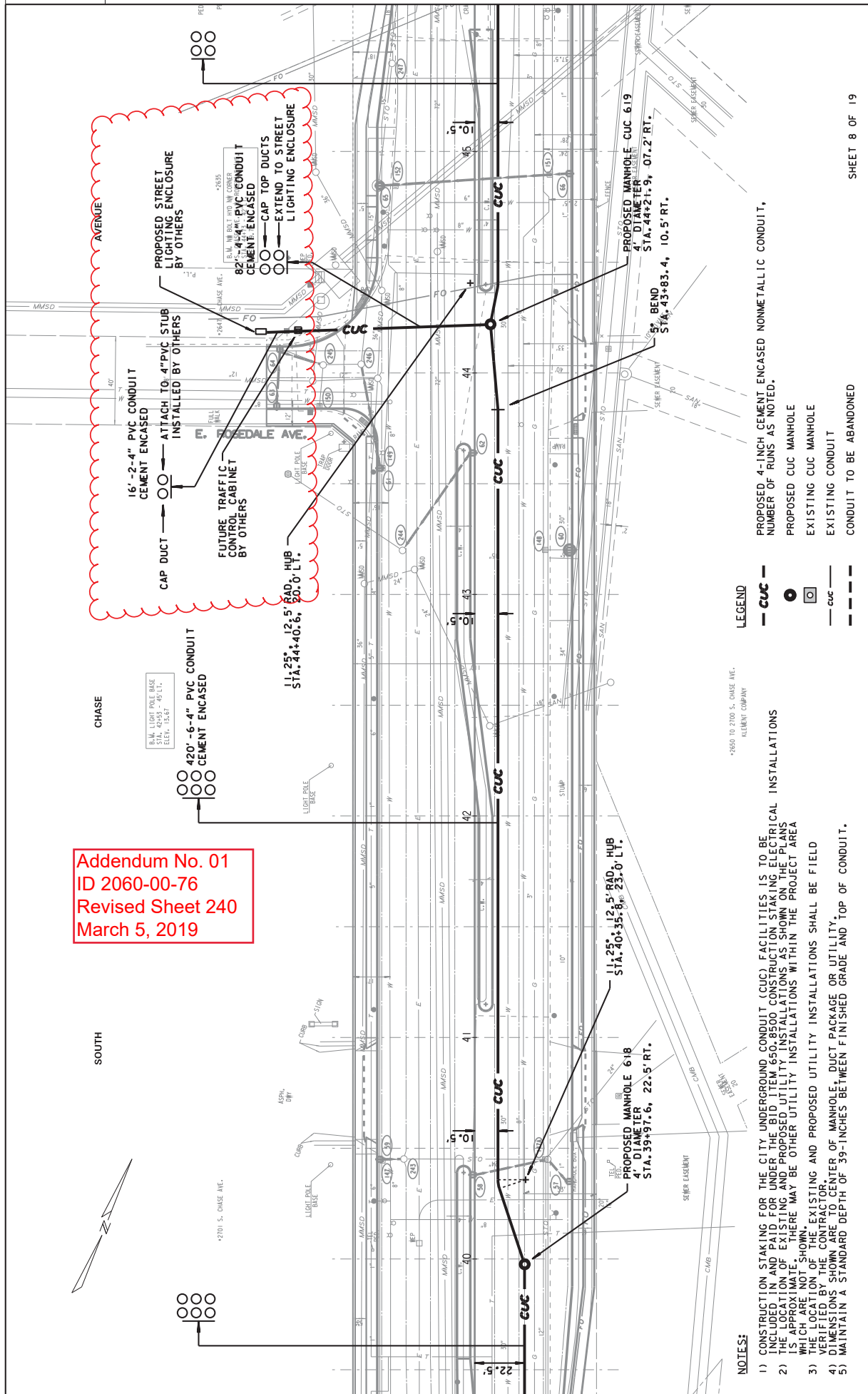
EXISTING CONDUIT

CONDUIT TO BE ABANDONED

NOTES:

- 1) CONSTRUCTION STAKING FOR THE CITY UNDERGROUND CONDUIT (CUC) FACILITIES IS TO BE INCLUDED IN AND PAID FOR UNDER THE BID ITEM 650.8500 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS
- 2) THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN.
- 3) THE LOCATION OF THE EXISTING AND PROPOSED UTILITY INSTALLATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
- 4) DIMENSIONS SHOWN ARE CENTER-TO-CENTER OF MANHOLE, DUCT PACKAGE OR UTILITY.
- 5) MAINTAIN A STANDARD DEPTH OF 39-INCHES BETWEEN FINISHED GRADE AND TOP OF CONDUIT.

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 240  
 March 5, 2019



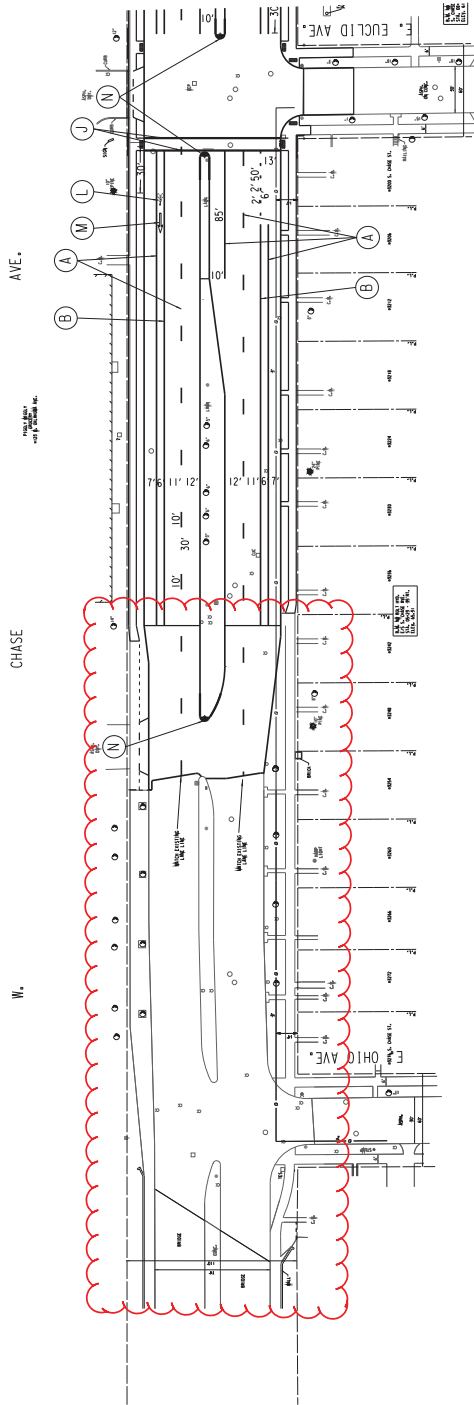
- LEGEND**
- CUC ---
  - 
  - 
  - CUC ---
  -

\*R550 TO 2700 S. CHASE AVE.  
 ELEMENT COMPANY

- NOTES:**
- 1) CONSTRUCTION STAKING FOR THE CITY UNDERGROUND CONDUIT (CUC) FACILITIES IS TO BE INCLUDED IN AND PAID FOR UNDER THE BID ITEM 650.8500 CONSTRUCTION STAKING ELECTRICAL
  - 2) THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN.
  - 3) THE LOCATION OF THE EXISTING AND PROPOSED UTILITY INSTALLATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
  - 4) DIMENSIONS SHOWN ARE CENTER OF MANHOLE, DUCT PACKAGE OR UTILITY.
  - 5) MAINTAIN A STANDARD DEPTH OF 39-INCHES BETWEEN FINISHED GRADE AND TOP OF CONDUIT.

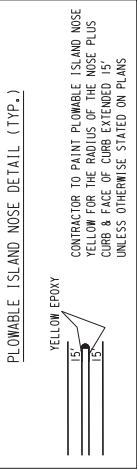
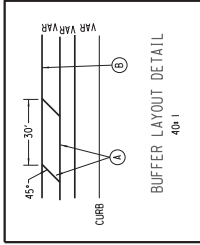


DATE: 03/05/19  
BY: JLM



Addendum No. 01  
ID 2060-00-76  
Revised Sheet 252  
March 5, 2019

- (A) PAVEMENT MARKING, 4-INCH WHITE EPOXY
- (B) PAVEMENT MARKING, 6-INCH WHITE EPOXY
- (C) PAVEMENT MARKING, 4-INCH DOUBLE YELLOW EPOXY
- (D) PAVEMENT MARKING, 4-INCH YELLOW CENTER LINE EPOXY
- (E) PAVEMENT MARKING WORDS "ONLY" EPOXY
- (F) PAVEMENT MARKING ARROWS, TYPE 2 (LEFT TURN) EPOXY
- (G) PAVEMENT MARKING ARROWS, TYPE 2 (RIGHT TURN) EPOXY
- (H) PAVEMENT MARKING ARROWS TYPE 2 (STRAIGHT) EPOXY
- (I) PAVEMENT MARKING ARROWS TYPE 2 (LEFT, RIGHT, STRAIGHT) EPOXY
- (J) PAVEMENT MARKING CROSSWALK, 12-INCH WHITE EPOXY
- (K) PAVEMENT MARKING STOPLINE, 24-INCH WHITE EPOXY
- (L) PAVEMENT MARKING, BIKE SYMBOLS EPOXY
- (M) PAVEMENT MARKING, BIKE ARROWS EPOXY
- (N) SEE PLOWABLE ISLAND NOSE DETAIL
- (O) PAVEMENT MARKING ARROWS TYPE 2 (LEFT, RIGHT) EPOXY
- (P) PAVEMENT MARKING, 4-INCH YELLOW EPOXY



SHEET 1 OF 7

SHEET NO: 252

SCALE: FEET

PAVEMENT MARKING

COUNTY: MILWAUKEE

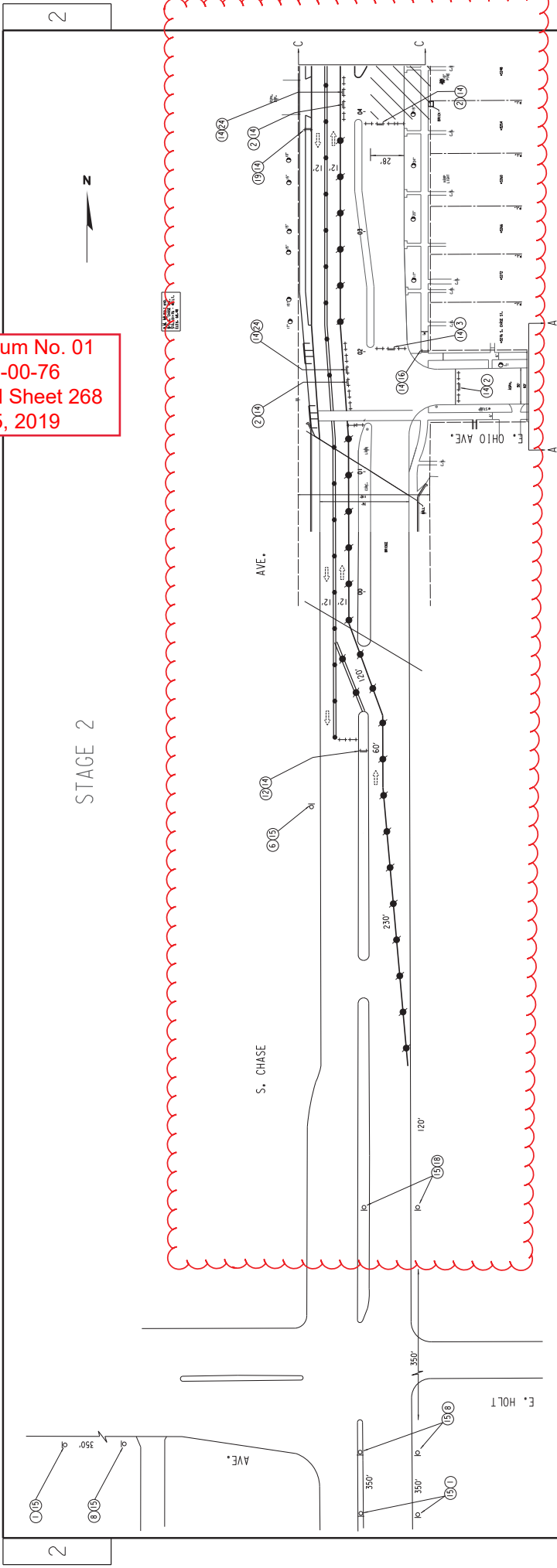
HWY: S. T. H. 38

STATE PROJECT NUMBER 2060-00-76

REVISED DATE: 10-29-2018 BY: CP

FILENAME: R:\SPR\CHASE\_010.LIN\LIN\PAVEMARK\_BUFFER.DGN

Addendum No. 01  
 ID 2060-00-76  
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**LEGEND**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

**TRAFFIC CONTROL**

A	TPM, PAVEMENT MARKING PAINT, 4" WHITE
B	TPM, PAVEMENT MARKING PAINT, 24" WHITE
C	TPM, PAVEMENT MARKING PAINT, 4" DOUBLE YELLOW
F	TPM, REMOVABLE TAPE, 4" WHITE
G	TPM, REMOVABLE TAPE, 4" DOUBLE YELLOW
H	TPM, REMOVABLE TAPE, 24" WHITE
I	TPM, REMOVABLE TAPE, 4" YELLOW
S1	TEMPORARY PEDESTRIAN SURFACE ASPHALT
S2	TEMPORARY PEDESTRIAN SURFACE PLYWOOD
S3	TEMPORARY PEDESTRIAN SURFACE PLATE
T	TEMPORARY CURB RAMP

**NOTE:** ALL SIGNING SHALL BE THE CONTRACTORS RESPONSIBILITY. ALL SIGNS SHALL BE BANDED TO EXISTING UTILITY POLES UNLESS OTHERWISE NOTED. CONTRACTOR RESPONSIBLE FOR COVERING ALL CONFLICTING PAVEMENT MARKINGS.

2060-00-76

**REMOVALS**

CATEGORY 0010	ITEM NO.	UNIT/PAY	CLEARING 201.0120	ID	GRUBBING 201.0220	ROADSIDE CLEARING 202.0110	REMOVING PAVEMENT 204.0100	REMOVING BUTT JOINTS 204.0105	REMOVING ASPHALTIC SURFACE BUTT JOINTS 204.0115	REMOVING CURB & GUTTER 204.0150	REMOVING CONCRETE SIDEWALK 204.0155	REMOVING FENCE 204.0170	SAWING ASPHALT 690.0150	SAWING CONCRETE 690.0250
LOCATION			SY			SY	SY	SY	SY	LF	SY	LF	LF	LF
STA 0+77 TO 4+00	LT		0			35	0	0	0	6	10	0	0	0
STA 4+00 TO 10+00	LT		0		2440	2440	0	0	0	0	687	0	60	10
STA 10+00 TO 16+00	LT		0		3260	3260	0	160	0	10	830	0	0	10
STA 16+00 TO 22+00	LT		0		1120	1120	0	0	0	0	540	0	70	30
STA 22+00 TO 27+00	LT		0		1610	1610	0	0	0	0	460	0	50	190
STA 27+00 TO 33+00	LT		0		2140	2140	0	0	0	0	570	0	140	60
STA 33+00 TO 39+00	LT		0		1960	1960	0	0	0	0	500	0	140	0
STA 39+00 TO 45+00	LT		0		3050	3050	0	0	0	0	450	0	510	30
STA 45+00 TO 50+00	LT		0		1520	1520	0	0	0	0	370	0	0	0
STA 50+00 TO 56+00	LT		0		1960	1960	0	50	0	0	450	0	0	0
STA 56+00 TO 62+00	LT		0		2730	2730	0	0	0	0	440	0	0	10
STA 62+00 TO 66+00	LT		0		690	690	0	0	0	0	80	0	0	0
STA 66+00 TO 71+00	LT		0		2410	2410	320	0	0	0	420	0	0	80
STA 71+00 TO 75+00	LT		0		1300	1300	0	0	0	0	280	0	0	0
STA 101+59 TO 103+00 (OKLAHOMA)	LT		0		130	130	460	0	0	40	50	0	20	0
<b>SUBTOTALS (LEFT)</b>			<b>0</b>		<b>26355</b>	<b>780</b>	<b>210</b>	<b>56</b>	<b>6137</b>	<b>0</b>	<b>850</b>	<b>0</b>	<b>420</b>	
STA 0+77 TO 4+00	RT		0		27	27	0	30	0	20	0	0	30	20
STA 4+00 TO 10+00	RT		0		2350	2350	0	90	0	0	515	0	30	100
STA 10+00 TO 16+00	RT		85		4040	4040	0	0	0	0	570	75	100	50
STA 16+00 TO 22+00	RT		0		4170	4170	0	50	0	30	450	0	140	80
STA 22+00 TO 27+00	RT		0		2610	2610	0	0	0	0	400	0	70	0
STA 27+00 TO 33+00	RT		0		2830	2830	0	0	0	0	540	0	0	0
STA 33+00 TO 39+00	RT		0		2200	2200	0	60	0	40	570	0	0	0
STA 39+00 TO 45+00	RT		0		2220	2220	0	0	0	0	660	0	70	0
STA 45+00 TO 50+00	RT		0		1840	1840	0	0	0	0	380	0	0	30
STA 50+00 TO 56+00	RT		0		2630	2630	0	0	0	0	380	0	0	0
STA 56+00 TO 62+00	RT		0		2130	2130	0	0	0	0	500	0	40	0
STA 62+00 TO 66+00	RT		0		1180	1180	0	0	0	70	230	0	0	0
STA 66+00 TO 71+00	RT		0		1730	1730	0	0	0	0	210	0	0	130
STA 71+00 TO 75+00	RT		0		2050	2050	0	0	0	0	530	0	0	0
STA 101+59 TO 103+00 (OKLAHOMA)	RT		0		350	350	1880	0	0	40	10	0	0	0
<b>SUBTOTALS (RIGHT)</b>			<b>85</b>		<b>32357</b>	<b>1880</b>	<b>230</b>	<b>200</b>	<b>5945</b>	<b>75</b>	<b>480</b>	<b>410</b>	<b>830</b>	
<b>GRAND TOTALS</b>			<b>85</b>		<b>58,712</b>	<b>2,660</b>	<b>440</b>	<b>256</b>	<b>12,082</b>	<b>75</b>	<b>1,330</b>	<b>830</b>		

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CONCRETE CONSTRUCTION ITEMS

CATEGORY	LOCATION	*BASE AGGREGATE		CONCRETE		*CONCRETE PAVEMENT		CONCRETE PAVEMENT		CONCRETE DRIVEWAY		CONCRETE DRIVEWAY		CONCRETE DRIVEWAY		CONCRETE CURB & GUTTER		CONCRETE CURB		CONCRETE SIDEWALK		CURB RAMP				
		3/4-INCH DENSE TON	1-1/4-INCH DENSE TON	6-INCH SY	7-INCH SY	8.5-INCH SY	8.5-INCH SY	GAFS EACH	7-INCH SY	7-INCH SY	9-INCH SY	9-INCH SY	9-INCH SY	31-INCH LF	31-INCH LF	5-INCH SF	NATURAL SF	WARMING FIELD SF	DETECTABLE SF	CONCRETE MEDIAN	SLOPED NOSE	602.0300 SF	602.0515 SF	602.0900 SF		
STA 0+770 TO 4+00	LT		19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 4+00 TO 10+00	LT		1001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 10+00 TO 16+00	LT		1260	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 16+00 TO 22+00	LT		550	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 22+00 TO 27+00	LT		700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 27+00 TO 33+00	LT		970	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 33+00 TO 39+00	LT		860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 39+00 TO 45+00	LT		1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 45+00 TO 50+00	LT		510	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 50+00 TO 56+00	LT		860	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 56+00 TO 62+00	LT		810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 62+00 TO 66+00	LT		180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 66+00 TO 71+00	LT		790	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 71+00 TO 75+00	LT		440	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 101+59 TO 108+00 (OKLAHOMA)	LT		38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SUBTOTALS (LEFT)			10000	0	0	0	0	7	25440	7	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STA 0+770 TO 4+00	RT		12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 4+00 TO 10+00	RT		939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 10+00 TO 16+00	RT		1635	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 16+00 TO 22+00	RT		1400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 22+00 TO 27+00	RT		950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 27+00 TO 33+00	RT		940	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 33+00 TO 39+00	RT		880	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 39+00 TO 45+00	RT		950	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 45+00 TO 50+00	RT		580	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 50+00 TO 56+00	RT		1200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 56+00 TO 62+00	RT		720	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 62+00 TO 66+00	RT		340	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 66+00 TO 71+00	RT		590	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 71+00 TO 75+00	RT		700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
STA 101+59 TO 108+00 (OKLAHOMA)	RT		153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SUBTOTALS (RIGHT)			11991	0	0	0	0	4	31170	4	380	90	130	80	80	270	270	270	270	270	270	270	270	270	270	270
GRAND TOTALS			1,600	0	0	0	11	56,610	11	690	283	270	80	80	80	270	270	270	270	270	270	270	270	270	270	270
*Quantities listed elsewhere																										

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MISCELLANEOUS ITEMS

CATEGORY	LOCATION	ITEM NO.	FINISHING ROADWAY (PROJECT)	DRILLED DOWEL BARS	MOBILIZATION	LANDMARK REFERENCE MONUMENTS	DUST CONTROL SURFACE TREATMENT	FIELD OFFICE (PROJECT)	TRAFFIC CONTROL	INLET SCREEN TYPE M	INLET SCREEN TYPE R	ADJUSTING WATER BOX	ADJUSTING WATER MANHOLES	WATER MAIN PROTECTION	JOINT SEALING
		UNIT PAY	213.0100	416.0620	619.1000	621.0100	623.0200	642.5401	643.5000	SPV.0060.07	SPV.0060.08	SPV.0060.09	SPV.0060.10	SPV.0060.11	SPV.0180.01
		EACH	EACH	EACH	EACH	EACH	SY	EACH	EACH	EACH	EACH	EACH	EACH	EACH	SY
		0010	0010	0010	0010	0010	0010	0010	0010	0010	0010	0030	0030	0030	0010
STA 1+00 TO 4+00	LT					0	35			1	1				1150
STA 4+00 TO 10+00	LT					0	2,380			4	4				4403
STA 10+00 TO 16+00	LT			0.5		0	2890			6	6				2890
STA 16+00 TO 22+00	LT			0		0	1330			4	4				1330
STA 22+00 TO 27+00	LT			0		0	1740			2	2				1740
STA 27+00 TO 33+00	LT			0		0	2600			2	2				2600
STA 33+00 TO 39+00	LT			0		0	1990			2	2				1990
STA 39+00 TO 45+00	LT			0		0	2680			6	6				2680
STA 45+00 TO 50+00	LT			0		0	1310			2	2				1310
STA 50+00 TO 56+00	LT			0		0	2000			3	3				2000
STA 56+00 TO 62+00	LT			0		0	1800			4	4				1800
STA 62+00 TO 66+00	LT			0		0	460			1	1				460
STA 66+00 TO 71+00	LT			0		0	1900			7	7				1900
STA 71+00 TO 75+00	LT			0		0	1110			6	6				1110
STA 101+59 TO 103+00 (OKLAHOMA)	LT			0		0	100			0	0				779
<b>SUBTOTALS (LEFT)</b>				<b>0.5</b>		<b>0.5</b>	<b>24325</b>			<b>50</b>	<b>50</b>				<b>28142</b>
STA 1+00 TO 4+00	RT			0		0	27			3	3				1350
STA 4+00 TO 10+00	RT			0		0	3,950			4	4				4695
STA 10+00 TO 16+00	RT			0.5		0	3940			8	8				3940
STA 16+00 TO 22+00	RT			0		0	3890			8	8				3960
STA 22+00 TO 27+00	RT			0		0	2250			1	1				2250
STA 27+00 TO 33+00	RT			0		0	2470			3	3				2610
STA 33+00 TO 39+00	RT			0		0	2060			3	3				2060
STA 39+00 TO 45+00	RT			0		0	2530			3	3				2530
STA 45+00 TO 50+00	RT			0		0	1540			3	3				1540
STA 50+00 TO 56+00	RT			0		0	2720			4	4				2720
STA 56+00 TO 62+00	RT			0		0	1650			1	1				1650
STA 62+00 TO 66+00	RT			0		0	810			3	3				810
STA 66+00 TO 71+00	RT			0		0	1380			1	1				1380
STA 71+00 TO 75+00	RT			0		0	1710			4	4				1710
STA 101+59 TO 103+00 (OKLAHOMA)	RT			0		0	340			0	0				1240
<b>SUBTOTALS (RIGHT)</b>				<b>0.5</b>		<b>0.5</b>	<b>29847</b>			<b>49</b>	<b>49</b>				<b>34445</b>
<b>GRAND TOTALS</b>		<b>1</b>	<b>380</b>	<b>1</b>	<b>0.97</b>	<b>1</b>	<b>54,172</b>	<b>0.97</b>	<b>0.97</b>	<b>99</b>	<b>99</b>	<b>125</b>	<b>14</b>	<b>26</b>	<b>62,587</b>

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CATEGORY LOCATION	ITEM NO. UNIT PAY	CONSTRUCTION STAKING STORM SEWER		CONSTRUCTION STAKING SUBGRADE		CONSTRUCTION STAKING PAVEMENT		CONSTRUCTION STAKING CURB RAMPS		CONSTRUCTION SUPPLEMENTAL CONTROL (PROJECT)		CONSTRUCTION STAKING SLOPE STAKES		CONSTRUCTION STAKING CONCRETE SIDEWALK	
		STAKING STORM SEWER 650.4000 EACH 00'10	CONSTRUCTION STAKING STORM SEWER 650.4000 EACH 00'30	CONSTRUCTION STAKING SUBGRADE 650.4500 LF 00'10	CONSTRUCTION STAKING PAVEMENT 650.7000 LF 00'10	CONSTRUCTION STAKING CURB RAMPS 650.9000 EACH 00'10	CONSTRUCTION SUPPLEMENTAL CONTROL (PROJECT) 650.9910 LS 00'10	CONSTRUCTION STAKING SLOPE STAKES 650.9920 LF 00'10	CONSTRUCTION STAKING CONCRETE SIDEWALK SPV.0090.02 LF 00'10						
STAGE 1															
STA 1+00 TO 4+00	LT			0	0	0	0	2	0				0	0	0
STA 4+00 TO 10+00	LT			680	680	680	680	2	680				680	680	470
STA 10+00 TO 16+00	LT			720	720	720	720	2	720				720	720	600
STA 16+00 TO 22+00	LT			600	600	600	600	1	600				600	600	600
STA 22+00 TO 27+00	LT			500	500	500	500	0	500				500	500	600
STA 27+00 TO 33+00	LT			600	600	600	600	1	600				600	600	600
STA 33+00 TO 39+00	LT			600	600	600	600	1	600				600	600	600
STA 39+00 TO 45+00	LT			600	600	600	600	2	600				600	600	560
STA 45+00 TO 50+00	LT			230	230	230	230	0	230				230	410	410
STA 50+00 TO 56+00	LT			600	600	600	600	2	600				600	580	580
STA 56+00 TO 62+00	LT			650	650	650	650	3	650				650	510	510
STA 62+00 TO 66+00	LT			210	210	210	210	2	210				210	130	130
STA 66+00 TO 71+00	LT			400	400	400	400	5	400				400	320	320
STA 71+00 TO 76+00	LT			400	400	400	400	4	400				400	330	330
STA 101+59 TO 103+00 (OKLAHOMA)	LT			110	110	110	110	0	110				0	0	0
<b>SUBTOTALS (LEFT)</b>				<b>6820</b>	<b>6820</b>	<b>6820</b>	<b>6820</b>	<b>27</b>	<b>6820</b>				<b>6210</b>	<b>6210</b>	<b>6210</b>
STAGE 2															
STA 1+00 TO 4+00	RT			0	0	0	0	2	0				0	0	0
STA 4+00 TO 10+00	RT			680	680	680	680	2	680				680	680	440
STA 10+00 TO 16+00	RT			700	700	700	700	2	700				700	530	530
STA 16+00 TO 22+00	RT			600	600	600	600	4	600				600	500	500
STA 22+00 TO 27+00	RT			500	500	500	500	0	500				500	560	560
STA 27+00 TO 33+00	RT			600	600	600	600	2	600				600	600	600
STA 33+00 TO 39+00	RT			600	600	600	600	2	600				600	390	390
STA 39+00 TO 45+00	RT			600	600	600	600	1	600				600	600	600
STA 45+00 TO 50+00	RT			230	230	230	230	2	230				230	600	600
STA 50+00 TO 56+00	RT			600	600	600	600	2	600				600	520	520
STA 56+00 TO 62+00	RT			600	600	600	600	2	600				600	610	610
STA 62+00 TO 66+00	RT			210	210	210	210	2	210				210	130	130
STA 66+00 TO 71+00	RT			400	400	400	400	2	400				400	250	250
STA 71+00 TO 76+00	RT			400	400	400	400	4	400				400	400	400
STA 101+59 TO 103+00 (OKLAHOMA)	RT			110	110	110	110	0	110				0	0	0
<b>SUBTOTALS (RIGHT)</b>				<b>6750</b>	<b>6750</b>	<b>6750</b>	<b>6750</b>	<b>29</b>	<b>6750</b>				<b>6070</b>	<b>6070</b>	<b>6070</b>
<b>GRAND TOTALS</b>				<b>79</b>	<b>79</b>	<b>79</b>	<b>79</b>	<b>22</b>	<b>79</b>				<b>13,570</b>	<b>13,570</b>	<b>12,280</b>

CONCRETE CURB & GUTTER 22-INCH

CONCRETE CURB & GUTTER 22-INCH 601.0322 LF	0010	30
<u>LOCATION</u>		
E GAUER CIRCLE		30
<u>TOTAL</u>		30

CONCRETE LOADING ZONE

CONCRETE LOADING ZONE 602.1000 SF	0010	135
<u>LOCATION</u>		
OKLAHOMA AVE		135
<u>TOTAL</u>		135

UTILITY LINE OPENING (U/LO)

UTILITY LINE OPENING (U/LO) SPV.0060.34 EACH	0010	30
<u>LOCATION</u>		
OKLAHOMA AVE		30
<u>TOTAL</u>		30

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LANDSCAPING ITEMS

2060-00-76

CATEGORY 0010

ITEM NO.	WATER	TOPSOIL	SOD LAWN	FERTILIZER
UNIT PAY	M GAL	SY	SY	TYPE B
Category	0010	0010	0010	629.0210
				CWT
				0010

LOCATION				
STA 0+77 TO 4+00	LT	6	6	
STA 4+00 TO 10+00	LT	610	610	
STA 10+00 TO 16+00	LT	530	530	
STA 16+00 TO 22+00	LT	280	280	
STA 22+00 TO 27+00	LT	360	360	
STA 27+00 TO 33+00	LT	480	480	
STA 33+00 TO 39+00	LT	580	580	
STA 39+00 TO 45+00	LT	350	350	
STA 45+00 TO 50+00	LT	550	550	
STA 50+00 TO 56+00	LT	1240	1240	
STA 56+00 TO 62+00	LT	1400	1400	
STA 62+00 TO 66+00	LT	180	180	
STA 66+00 TO 71+00	LT	150	150	
STA 71+00 TO 75+00	LT	0	0	
STA 101+59 TO 103+00 (OKLAHOMA)	LT	20	20	
<b>SUBTOTALS (LEFT)</b>		<b>6736</b>	<b>6736</b>	

STA 0+77 TO 4+00	RT	6	6	
STA 4+00 TO 10+00	RT	570	570	
STA 10+00 TO 16+00	RT	690	690	
STA 16+00 TO 22+00	RT	250	250	
STA 22+00 TO 27+00	RT	470	470	
STA 27+00 TO 33+00	RT	540	540	
STA 33+00 TO 39+00	RT	430	430	
STA 39+00 TO 45+00	RT	370	370	
STA 45+00 TO 50+00	RT	420	420	
STA 50+00 TO 56+00	RT	1170	1170	
STA 56+00 TO 62+00	RT	1220	1220	
STA 62+00 TO 66+00	RT	310	310	
STA 66+00 TO 71+00	RT	300	300	
STA 71+00 TO 75+00	RT	370	370	
STA 101+59 TO 103+00 (OKLAHOMA)	RT	29	29	
<b>SUBTOTALS (RIGHT)</b>		<b>7086</b>	<b>7086</b>	

<b>GRAND TOTALS</b>	<b>200</b>	<b>13,822</b>	<b>13,822</b>	<b>5</b>
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Addendum No. 01  
ID 2060-00-76  
Revised Sheet 287  
March 5, 2019

ASPHALT ITEMS

2060-00-76

CATEGORY 0010	ITEM NO. UNIT PAY Category	LOCATION	TACK COAT 455.0605 GAL 0010	ASPHALTIC SURFACE 465.0105 TON 0010
		STA 0+77 TO 4+00		
		STA 4+00 TO 10+00	0	8
		STA 10+00 TO 16+00	0	82
		STA 16+00 TO 22+00	0	30
		STA 22+00 TO 27+00	0	0
		STA 27+00 TO 33+00	0	0
		STA 33+00 TO 39+00	0	0
		STA 39+00 TO 45+00	0	0
		STA 45+00 TO 50+00	0	0
		STA 50+00 TO 56+00	0	10
		STA 56+00 TO 62+00	0	0
		STA 62+00 TO 66+00	0	0
		STA 66+00 TO 71+00	0	10
		STA 71+00 TO 75+00	0	0
		STA 101+59 TO 103+00 (OKLAHOMA)	10	10
		<b>SUBTOTALS (LEFT)</b>	<b>10</b>	<b>150</b>

CATEGORY 0010	ITEM NO. UNIT PAY Category	LOCATION	TACK COAT 455.0605 GAL 0010	ASPHALTIC SURFACE 465.0105 TON 0010
		STA 0+77 TO 4+00		
		STA 4+00 TO 10+00	0	7
		STA 10+00 TO 16+00	0	98
		STA 16+00 TO 22+00	0	0
		STA 22+00 TO 27+00	0	10
		STA 27+00 TO 33+00	0	0
		STA 33+00 TO 39+00	0	10
		STA 39+00 TO 45+00	0	0
		STA 45+00 TO 50+00	0	0
		STA 50+00 TO 56+00	0	0
		STA 56+00 TO 62+00	0	0
		STA 62+00 TO 66+00	0	20
		STA 66+00 TO 71+00	0	0
		STA 71+00 TO 75+00	0	0
		STA 101+59 TO 103+00 (OKLAHOMA)	10	10
		<b>SUBTOTALS (RIGHT)</b>	<b>10</b>	<b>185</b>
		<b>GRAND TOTALS</b>	<b>20</b>	<b>335</b>

Contaminated Soil

2060-00-76

CATEGORY 0010	ITEM NO. UNIT PAY Category	LOCATION	EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL 205.0501.s TON 0010	MANAGEMENT OF SOLID WASTE SPV.0195.01 TON 0010
		STA 0+77 TO 4+00	0	0
		STA 4+00 TO 10+00	0	0
		STA 10+00 TO 16+00	0	0
		STA 16+00 TO 22+00	0	0
		STA 22+00 TO 27+00	557	0
		STA 27+00 TO 33+00	0	0
		STA 33+00 TO 39+00	0	0
		STA 39+00 TO 45+00	0	0
		STA 45+00 TO 50+00	0	0
		STA 50+00 TO 56+00	0	0
		STA 56+00 TO 62+00	0	0
		STA 62+00 TO 66+00	0	0
		STA 66+00 TO 71+00	88	0
		STA 71+00 TO 75+00	413	0
		STA 101+59 TO 103+00	0	0
		<b>SUBTOTALS (LEFT)</b>	<b>1058</b>	<b>0</b>

CATEGORY 0010	ITEM NO. UNIT PAY Category	LOCATION	EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL 205.0501.s TON 0010	MANAGEMENT OF SOLID WASTE SPV.0195.01 TON 0010
		STA 0+77 TO 4+00	0	0
		STA 4+00 TO 10+00	0	0
		STA 10+00 TO 16+00	0	413
		STA 16+00 TO 22+00	94	0
		STA 22+00 TO 27+00	0	0
		STA 27+00 TO 33+00	0	1752
		STA 33+00 TO 39+00	0	1052
		STA 39+00 TO 45+00	488	0
		STA 45+00 TO 50+00	0	0
		STA 50+00 TO 56+00	0	0
		STA 56+00 TO 62+00	0	0
		STA 62+00 TO 66+00	0	0
		STA 66+00 TO 71+00	0	0
		STA 71+00 TO 75+00	0	0
		STA 101+59 TO 103+00	0	0
		<b>SUBTOTALS (RIGHT)</b>	<b>582</b>	<b>3217</b>
		<b>GRAND TOTALS</b>	<b>1,640</b>	<b>3217</b>

PROJECT NO: 2060-00-76

HWY: STH 38

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES

SHEET: 287

E

PLOT NAME: \_\_\_\_\_

PLOT DATE: \_\_\_\_\_

PLOT BY: \_\_\_\_\_

PLOT SCALE: 1:1

**ESTIMATE OF QUANTITIES; STREET LIGHTING & TRAFFIC SIGNALS**

PROJECT ID. 2060-00-76  
MILWAUKEE COUNTY

Cat 0010

Std.Bld Item No.	Description	Unlt	Quantity
-	*652.0230 Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	LF	1,145
-	*652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	8,440
-	*652.0335 Conduit Rigid Nonmetallic Schedule 80 3-Inch	LF	3,395
-	652.0615 Conduit Special 3-Inch	LF	405
-	655.0305 Cable Type UF 2-12 AWG Grounded	LF	5,255
-	SPV.0060.12 Poles Type-1	EACH	9
-	SPV.0060.13 Poles Type-3	EACH	58
-	SPV.0060.14 Poles Type-6	EACH	4
-	SPV.0060.15 Poles Type-31	EACH	1
-	*SPV.0060.19 Pull Boxes 13-Inch x 24-Inch x 24-Inch	EACH	122
-	*SPV.0060.20 Pull Boxes 17-Inch x 30-Inch x 24-Inch	EACH	2
-	SPV.0060.22 Water Tight Junction Box Splicing	EACH	92
-	*SPV.0060.23 Luminaire Arms Single Member 6-Ft-City Furnished	EACH	111
-	SPV.0060.24 Remove Luminaire	EACH	41
-	SPV.0060.25 Luminaire Architectural LED 1	TOTAL	12
-	Type 2 Light Distribution (1LED2)	EACH	11
-	Type 5 Light Distribution (1LED5)	EACH	1
-	Luminaire Architectural LED 2	TOTAL	10
-	Type 2 Light Distribution (2LED2)	EACH	6
-	Type 3 Light Distribution (2LED3)	EACH	4
-	Luminaire Architectural LED 3	TOTAL	125
-	Type 3 Light Distribution (3LED3)	EACH	124
-	Type 5 Light Distribution (3LED5)	EACH	1
-	Luminaire Historic Milwaukee Harp LED 0	EACH	14
-	Luminaire Historic Milwaukee Lantern LED 2	EACH	11
-	Luminaire Utility LED 0 Wallpack	EACH	2
-	SPV.0060.32 Concrete Spread Footing	EACH	1
-	*SPV.0090.03 Liquidtight Flexible Nonmetallic Conduit 1 1/2"	LF	665
-	SPV.0090.08 Electrical Cable Type 3#8/1#8 LTP	LF	1,630
-	SPV.0090.09 Electrical Cable Type 3#6/1#8 LTP	LF	450
-	SPV.0090.10 Electrical Cable Type 3#4/1#8 LTP	LF	3,850
-	SPV.0090.11 Electrical Cable Type 3#2/1#8 LTP	LF	12,060
-	SPV.0090.12 Electrical Cable Type UF 3#12 AWG With Ground	LF	2,800

\*Quantities listed elsewhere

Addendum No. 01  
ID 2060-00-76  
Revised Sheet 289  
March 5, 2019

EARTH WORK SUMMARY

From/To Station	Excavation Common (1) (item # 205.0100)	Excavation (2)	EBS Excavation (3)	Salvaged/Unusable Pavement Material (4)	Available Material (5)	Unexpanded Fill	Expanded Fill (6)	Mass Ordinate +/- (7)	Waste	Borrow(8)
	CY	CY	CY	CY	CY	CY	CY	CY	CY	CY
0+77 to 75+00	24207	4840	27613	1434	1548	1288	1548	-114	26566	114
					1.20 Factor					

- 1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
- 2) Salvaged/Unusable Pavement Material is included in Cut.
- 3) EBS Excavation to be backfilled with B.A.D. 1 1/4"
- 4) Salvaged/Unusable Pavement Material
- 5) Available Material = Cut - Salvaged/Unusable Pavement Material
- 6) Expanded Fill. Factor = 1.20

- 7) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material.
- 8) To be bid as part of base aggregated dense 1-1/4"

Addendum No. 01  
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March 5, 2019

*BASE	
EXCAVATION	AGGREGATE
COMMON	DENSE
205.0110	1-1/4-INCH
CY	305.0120
0010	TON
	0010

ITEM NO.  
UNIT PAY  
CATEGORY

LOCATION	
STA 00+77 TO STA 75+00	24,207
Undistributed EBS	4,840
<b>GRAND TOTAL</b>	<b>29,047</b>

\*Quantities listed elsewhere

PROPOSED SEWER STRUCTURES				PROPOSED SEWER PIPES										REMARKS
STRUCTURE NUMBER	STATION	CENTER LINE OFFSET	COVER ELEV.	STRUCTURE TYPE	FRAME & LID	DEPTH (FT)	CONNECTION STRUCTURE	PIPE SIZE (IN)	PIPE LENGTH (FT)	INLET	OUTLET	SLOPE (FT/FT)	PIPE MATERIAL	
5	5+00	44'R	62.46	45A	NS-57	5.08	STO.MH @ 5+09.11'R	12	34	59.21	58.36	0.025	CLV/RCP	CAUTION - CUC & 8" VM
6	5+00	8'R	63.03	45A	NS-57	5.08	STO.MH @ 5+09.11'R	12	9	59.78	59.75	0.003	CLV/RCP	
7	5+37	8'L	62.39	4FT Dia. MH	NS-57	5.77	STO.MH @ 5+37.8'L	12	34	58.28	57.43	0.025	CLV/RCP	
8	5+40	44'L	62.43	45A	NS-57	5.08	STO.MH @ 5+37.8'L	12	36	59.18	58.28	0.025	CLV/RCP	
9	7+74	2'L	61.13	4FT Dia. MH	NS-57	6.37	STO.MH @ 7+99.12'R	12	29	56.43	56.00	0.015	CLV/RCP	
10	7+90	44'L	60.62	45A	NS-57	5.08	STO.MH @ 7+74.2'L	12	45	57.37	56.43	0.021	CLV/RCP	
11	7+89	44'R	60.22	45A	NS-57	5.08	STO.MH @ 7+99.12'R	12	34	56.97	56.12	0.025	CLV/RCP	CAUTION - CUC & WATER
12	9+11	2'R	60.64	45A	NS-57	5.08	STO.MH @ 9+11.11'R	12	10	57.39	57.30	0.009	CLV/RCP	CONSTRUCT NEW MANHOLE
13	10+50	44'L	59.00	4FT Dia. MH	NS-57	7.33	STO.MH @ 10+31.28'L	12	25	53.46	53.46		CLV/RCP	
14	10+50	44'L	59.00	45A	NS-57	5.08	STO.MH @ 11+40.11'R	12	39	55.28	54.50	0.020	CLV/RCP	CAUTION - WATER
15	11+20	44'R	58.53	45A	NS-57	5.08	STO.MH @ 12+66.12'R	12	52	54.72	53.55	0.023	CLV/RCP	CAUTION - WATER
16	11+86	8'L	58.94	45A	NS-57	5.08	STO.MH @ 12+66.12'R	12	13	55.09	54.95	0.011	CLV/RCP	
17	12+25	44'R	57.97	45A	NS-57	5.08	STO.MH @ 13+47.100'L	12	54	49.10	47.85	0.021	CLV/RCP	CAUTION - WATER, ELEC
18	12+65	2'L	58.34	45A	NS-57	9.53	STO.MH @ 13+47.100'L	12	44	54.36	52.25	0.048	CLV/RCP	
19	12+94	106.5'L	56.80	45A	NS-57	5.08	STO.MH @ 13+47.100'L	12	10	54.50	54.40	0.010	CLV/RCP	CAUTION - ELEC & TW
20	13+00	44'L	57.81	45A	NS-57	7.14	STO.MH @ 13+47.100'L	12	53	54.01	52.85	0.022	CLV/RCP	CAUTION - CUC & WATER
21	13+37.5	1.5'R	57.75	4FT Dia. MH	NS-57	5.08	STO.MH @ 13+47.100'L	12	50	52.12	50.95	0.023	CLV/RCP	CAUTION - CUC
22	13+46.9	48.5'L	57.60	45A	NS-57	5.08	STO.MH @ 14+8.6.83.2'L	12	32	54.30	53.50	0.025	CLV/RCP	
23	13+75	52'R	57.26	45A	NS-57	5.10	STO.MH @ 13+47.100'L	12	64	53.40	51.95	0.023	CLV/RCP	CAUTION - TEL
24	13+92.5	54.7'L	57.57	45A	NS-57	4.91	STO.MH @ 15+12.151'R	12	39	53.60	52.60	0.026	CLV/RCP	CAUTION - GAS, ELEC, 8" VM TEL
25	14+8.6	83.2'L	56.65	4FT Dia. MH	NS-57	5.09	STO.MH @ 15+12.151'R	12	49	50.20	49.35	0.022	CLV/RCP	CAUTION - CUC
26	15+9.8	113'R	56.86	45A	NS-57	5.08	36" STORMSEWER @ 15+80.44'R	12	21	49.50	48.00	0.071	PVC	CAUTION - CUC, ELEC
27	15+90	23.8'L	57.17	45A	NS-57	5.08	STO.MH @ 15+48.17'R	12	45	56.00	55.00	0.022	CLV/RCP	DIRCET CONNECTION TO STORM SEWER
28	15+90	22.8'R	57.81	45A	NS-57	5.08	STO.MH @ 15+48.17'R	12	5	54.56	54.40	0.032	CLV/RCP	CAUTION - WATER, MAN
29	15+75	65.2'R	56.93	45A	NS-57	9.26	STO.MH @ 15+80.44'R	12	45	56.00	55.00	0.022	CLV/RCP	CAUTION - 8" VM, ELEC, STR L TG
30	16+50	30'R	58.20	WISDOT 2'X2.5'	NS-57	10.37	STO.MH @ 16+91.46'R	12	69	49.00	47.55	0.021	CLV/RCP	
31	17+00	22'L	57.64	45A	NS-57	5.08	STO.MH @ 16+91.46'R	12	59	55.05	53.70	0.023	CLV/RCP	
32	17+46	82'R	58.30	45A	NS-57	5.08	STO.MH @ 18+40.14'L	12	20	54.70	54.30	0.020	CLV/RCP	CAUTION - WATER
33	18+22	22'L	57.85	45A	NS-57	5.08	STO.MH @ 18+40.14'L	12	42	55.00	52.50	0.060	CLV/RCP	
34	18+25	82'R	58.25	45A	NS-57	4.32	STO.MH @ 18+40.45'R	12	117	54.05	51.70	0.020	CLV/RCP	
34A	18+40	14'L	58.37	4FT Dia. MH	NS-57	5.08	STO.MH @ 18+40.45'R	12	24	56.65	56.15	0.021	CLV/RCP	
35	18+50	24'R	58.89	WISDOT 2'X2.5'	NS-57	2.24	STO.MH @ 18+40.45'R	12	24	56.65	56.15	0.021	CLV/RCP	
36	18+75	66'R	58.07	45A	NS-57	5.08	STO.MH @ 18+40.45'R	12	41	54.82	51.25	0.087	CLV/RCP	
36A	19+88	14'L	58.69	4FT Dia. MH	NS-57	7.24	STO.MH @ 18+67.17'L	12	10	51.45	51.25	0.020	CLV/RCP	
37	19+62.5	22'L	58.27	WISDOT 2'X2.5'	NS-57	3.25	STO.MH @ 19+67.17'L	12	7	55.02	54.95	0.010	CLV/RCP	CAUTION - WATER
38	20+10	66'R	58.46	45A	NS-57	5.12	STO.MH @ 20+20.44'R	12	24	55.17	54.70	0.020	CLV/RCP	
39	21+00	83'R	58.50	WISDOT 2'X2.5'	NS-57	2.85	STO.MH @ 21+23.5.84'R	12	23	55.65	55.15	0.022	CLV/RCP	CORREL TO SOUTH
40	21+20.5	82'R	58.58	45A	NS-57	5.08	STO.MH @ 21+23.5.84'R	12	6	55.33	55.08	0.042	CLV/RCP	CONSTRUCT NEW MANHOLE
41	21+40	17'L	58.96	4FT Dia. MH	NS-57	17.37	STO.MH @ 21+40.17'L	12	7	43.25	43.83		CLV/RCP	
42	21+45	22'L	58.88	WISDOT 2'X2.5'	NS-57	3.25	STO.MH @ 21+40.17'L	12	7	55.63	55.45	0.026	CLV/RCP	
43	21+51	66'R	59.03	45A	NS-57	5.08	STO.MH @ 21+50.25'R	12	23	55.78	55.28	0.022	CLV/RCP	CAUTION - WATER, CUC
44	25+77	44'L	58.27	4FT Dia. MH	NS-57	4.91	STO.MH @ 28+27.45'L	12	54	55.02	54.60	0.008	CLV/RCP	CAUTION - CUC, ELEC
44A	25+62.9	2'L	59.35	WISDOT 2'X2.5'	NS-57	3.00	STO.MH @ 25+77.44'L	12	43	56.35	55.43	0.021	CLV/RCP	
45	26+96	44'R	54.95	44A	NS-57	7.22	CMB.MH @ 27+42.45'R	12	45	51.70	50.85	0.019	CLV/RCP	
46	26+98	2'R	56.39	44A	NS-57	7.22	CMB.MH @ 27+42.45'R	12	60	53.14	52.00	0.019	CLV/RCP	
47	27+71	3'R	54.22	44A	NS-57	8.22	CMB.MH @ 27+42.45'R	12	53	49.97	48.85	0.021	CLV/RCP	CAUTION - WATER
48	29+22	44'L	50.14	44B	NS-57	4.25	CMB.MH @ 29+19.7'R	12	50	46.89	46.64	0.005	CLV/RCP	CAUTION WATER, ELECTRIC
49	30+20	44'R	46.68	WISDOT 2'X2.5'	NS-57	3.00	CMB.MH @ 30+22.32'R	12	8	43.68	43.45	0.029	CLV/RCP	CAUTION - WATER
50	32+20	44'L	41.58	WISDOT 2'X2.5'	NS-57	1.53	STO.MH @ 31+91.8'R	12	59	40.05	38.85	0.020	CLV/RCP	CAUTION - TEL, ELEC, & WATER
51	32+75	40.5'R	39.23	45A	NS-57	5.08	STO.MH @ 31+91.8'R	12	66	35.98	34.65	0.020	CLV/RCP	CAUTION, 30" WATER MAN - CORREL TO WEST
52	34+75	38'R	30.10	45A	NS-57	5.08	STO.MH @ 35+00.8'R	12	39	26.85	26.10	0.019	CLV/RCP	CAUTION - 30" WATER MAN
53	34+93	41'L	29.86	WISDOT 2'X2.5'	NS-57	3.26	STO.MH @ 34+95.33'L	12	8	26.60	26.35	0.031	CLV/RCP	CAUTION - ELEC, WATER
54	35+40	72'R	27.77	45A	NS-57	5.08	STO.MH @ 35+55.67'R	12	16	24.52	24.20	0.020	CLV/RCP	
146B	37+69	36'L	19.2	4FT Dia. MH	NS-57	4.7	STO.MH @ 37+71.32'R	12	5	14.50	14.50		CLV/RCP	REPLACE EXISTING INLET WITH 4FT MH
55	37+70	33'L	18.7	45A	NS-57	5.33	STO.MH @ 38+98.33'R	12	4	13.40	13.05	0.030	CLV/RCP	
56	38+00	37'R	16.65	45A	NS-57	5.08	STO.MH @ 40+45.33'R	12	15	11.30	11.00	0.020	CLV/RCP	
57	40+35	44'R	14.55	45A	NS-57	5.08	STO.MH @ 40+45.33'R	12	33	11.56	10.85	0.022	CLV/RCP	
58	40+38	2'L	14.81	45A	NS-57	5.08	STO.MH @ 40+45.33'R	12	11	10.53	10.30	0.021	CLV/RCP	CAUTION - WATER
59	40+45	43.5'L	13.78	45A	NS-57	5.08	STO.MH @ 40+45.33'R	12	11	10.53	10.30	0.021	CLV/RCP	

\* QUANTITIES LISTED ELSEWHERE  
ALL ITEMS CATEGORRY 0010

DEPTH - COVER ELEVATION - LOWEST PIPE INVERT ELEVATION - SUM (FOR STORM INLET) CONTINUED  
STATE PROJECT NO: 2060-00-76 HWY: STH 38 COUNTY: MILWAUKEE

PLANNING COORDINATION: Major Projects: W. Ford/D.L. Lee Ave 1360-00-76(Drain) Title: 030202\_mil\_01.dwg FILE NAME: I:\PAVING COORDINATION\Major Projects\W. Ford/D.L. Lee Ave 1360-00-76(Drain) Title: 030202\_mil\_01.dwg  
DATE: 2/28/2019 3:38:24 PM PLOT DATE: 2/28/2019 3:38:24 PM  
DESIGNER: J. RSELEEN PLOT BY: J. RSELEEN  
SCALE: 1:1 SHEET: 291





Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 293  
 March 5, 2019

NEW MANHOLE COVERS									
GROUP CODE	No	Location		PROPOSED ELEVATION	COVER TYPE	NEW MANHOLE COVERS			
		STATION	OFFSET			STATION	OFFSET	PROPOSED ELEVATION	COVER TYPE
0040	420	30+51	15' RT	47.12	58A				
0010	235	30+67	44' RT	45.95	58A				
0010	236	31+25.5	9' RT	45.54	58A				
0010	237	31+16.5	28' RT	45.38	58A				
0010	238	31+91	8' RT	43.47	58A				
0040	239	32+59	44' RT	40.52	58A				
0010	240	33+32	7.5' RT	37.7	58A				
0010	241	35+00	8' RT	30.27	58A				
0010	242	35+53	67' RT	28.47	58A				
0010	145A	34+95	33' LT	29.94	58A				
0010	146C	38+99	33' RT	16.75	58A				
0010	147A	40+45	33' RT	14.65	58A				
0010	243	40+45	32' LT	13.96	58A				
0010	244	43+20	32' LT	9.45	58A				
0010	245	44+3.5	68' LT	7.84	58A				
0010	246	44+04	51' LT	7.77	58A				
0010	247	45+40	37' LT	7.56	58A				
0010	248	45+81.5	37' LT	9.7	58A				
0010	249	46+63.5	36' LT	13.37	58A				
0010	154	48+81	46' RT	15.5	58A				
0010	250	50+12	60' RT	20.09	58A				
0010	251	50+14.5	5.5' RT	21.18	58A				
0010	252	50+47	58.0' RT	22.24	58A				
0010	253	51+42	12' RT	26.34	58A				
0010	254	52+93	13' RT	33.31	58A				
0010	255	54+72	9' RT	41.72	58A				
0010	256	55+81	22' LT	46.31	58A				
0010	257	56+00	80' LT	48.25	58A				
0010	258	56+26.5	60' LT	48.42	58A				
0010	259	56+52.5	13' RT	49.2	58A				
0010	260	56+67.5	23' LT	49.47	58A				
0010	261	57+27	22.5' LT	51.21	58A				
0010	262	57+62	42' RT	51.58	58A				
0010	263	57+73	36' LT	52.41	58A				
0040	421	57+73	62' LT	53.00	58A				
0010	264	57+94	21' LT	52.48	58A				
0010	265	58+43	21' LT	53.22	58A				
0010	266	60+81	22' LT	55.55	58A				
0010	267	61+62	23' LT	54.91	58A				
0010	268	62+92	9' LT	54.02	58A				
0010	269	67+30	117' LT	52.92	58A				
0010	270	69+64	71' RT	47.02	58A				
0010	271	69+65	19' LT	49.3	58A				
0010	272	69+97	36' LT	49.64	58A				
0010	273	71+27	1' LT	48.5	58A				
0010	274	72+19	42' LT	47.95	58A				
0010	275	72+22	1' LT	47.31	58A				
0010	276	72+80	1' RT	46.49	58A				
0010	277	73+58	117' RT	43.72	58A				
0010	278	73+85	1' LT	458.87	58A				

NEW MANHOLE COVERS									
GROUP CODE	No	Location		PROPOSED ELEVATION	COVER TYPE	NEW MANHOLE COVERS			
		STATION	OFFSET			STATION	OFFSET	PROPOSED ELEVATION	COVER TYPE
0010	203	5+09	11' RT	63.02	58A				
0040	401	5+16	15' RT	63.03	58A				
0010	204	6+03	39' LT	61.92	58A				
0040	205	7+95	38' LT	60.78	58A				
0040	402	7+99	12' RT	61.06	58A				
0010	206	8+30	11' RT	60.83	58A				
0040	403	8+36	15' RT	60.75	58A				
0010	404	8+46	38' RT	60.25	58A				
0010	207	10+31	28' LT	59.89	58A				
0010	208	10+32	12' RT	59.70	58A				
0040	405	11+31	36' RT	58.76	58A				
0010	209	11+40	11' RT	59.08	58A				
0040	406	11+48	14' RT	59.04	58A				
0040	407	12+58	32' RT	57.62	58A				
0010	210	12+66	12' RT	58.57	58A				
0010	211	13+40	12' RT	58.07	58A				
0010	212	13+47	100' LT	58.04	58A				
0010	213	14+43	11' RT	58.47	58A				
0040	408	14+46	46' RT	58.27	58A				
0040	409	14+54	15' RT	58.44	58A				
0040	410	14+55	4' RT	58.35	58A				
0040	411	14+56	37' RT	58.27	58A				
0010	215	14+61	11' RT	58.35	58A				
0040	412	15+06	53' RT	57.74	58A				
0010	216	15+12	151' RT	56.28	58A				
0010	217	15+48	17' RT	57.93	58A				
0040	413	16+87.5	0'	57.65	58A				
0040	414	16+91	46' RT	58.39	58A				
0040	415	18+11	56' RT	58.78	58A				
0010	219	18+40	45' RT	58.89	58A				
0010	220	19+67	17' LT	58.51	58A				
0040	416	19+68	0'	59.11	58A				
0010	221	20+20	44' RT	59.28	58A				
0040	417	20+55	55' RT	59.07	58A				
0010	222	21+23.5	84' RT	58.88	58A				
0010	223	21+40	45' RT	59.77	58A				
0010	224	21+50	25' RT	59.85	58A				
0010	225	23+15	14' LT	61.15	58A				
0010	226	23+15	31' LT	61.04	58A				
0040	417	23+44	0.5' LT	61.75	58A				
0010	227	24+89	46' RT	61.12	58A				
0040	418	25+65	29' LT	59.08	58A				
0010	228	26+27	43' LT	57.28	58A				
0040	419	27+25	15' LT	55.36	58A				
0010	230	27+42	45' RT	54.44	58A				
0010	231	29+14	7' RT	51.2	58A				
0010	232	30+01	2' RT	48.34	58A				
0010	233	30+22	32' RT	47.12	58A				
0010	234	30+31	19' RT	47.44	58A				

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CATEGORY  
(0010 -PARTICIPATING)  
204.0220  
REMOVING  
INLETS  
EACH  
28

NO.	REMOVING INLETS	
	STATION	LOCATION OFFSET
119	12+96	35' LT
120	12+99	1' LT
129	18+75	68' RT
132	20+09	68' RT
132A	21+00	84' RT
133	21+29.5	84' RT
135	21+51.5	68' RT
138	25+70	30' LT
139	26+96	43' RT
140	29+20	33' LT
144	34+78	33' RT
147	40+44	42.5' LT
149	43+57	43' LT
151	44+89.5	44' RT
152	44+84.5	36.5' LT
153	46+00	34.5' RT
157	50+34	33' LT
158	53+00	5' RT
165	58+16	62' LT
166	58+35	36' LT
171	67+12	30' LT
172	67+20	97' LT
174	68+61	27' RT
176	69+52	25.5' LT
177	69+78	35' LT
178	71+50	25' RT
179	71+52	25' LT
180	71+95	25' LT
181	72+00	42' LT

CATEGORY  
(0010 -PARTICIPATING)  
204.0260  
ABANDONING  
INLETS  
EACH  
50

NO.	ABANDONING DRAINAGE STRUCTURES		REMARKS
	STATION	LOCATION OFFSET	
105	5+05	33' R	Inlet
106	5+05	1' R	Inlet
107	5+40	9' L	Inlet
108	5+40	41' L	Inlet
109	7+90	41' L	Inlet
110	7+93	33' R	Inlet
111	7+96	6.5' L	Inlet
112	8+00	1' R	Inlet
113	8+75	33' R	Inlet
114	10+54	41' L	Inlet
115	11+28	33' R	Inlet
116	11+86	1' R	Inlet
117	12+49	32' R	Inlet
118	12+65	1' R	Inlet
121	13+39	6' R	Inlet
122	13+94	100' R	Inlet
123	13+98	53' R	Inlet
124	15+65	32' R	Inlet
125	15+80	68' R	Inlet
126	15+89	18' L	Inlet
127	16+58	31' R	Inlet
128	18+10	18' L	Inlet
130	19+19	24' R	Inlet
131	19+62.5	15' L	Inlet
134	21+46	15' L	Inlet
136	21+84	25' R	Inlet
137	21+93	38' R	Inlet
141	30+22	43' R	Catch Basin
142	32+20	33' L	Catch Basin
143	32+75	32' R	Catch Basin
146	35+44	57' R	Catch Basin
148	43+20	38' R	Catch Basin
150	43+84	70' L	Catch Basin
156	50+35	5' R	Catch Basin
160	55+79	33' L	Catch Basin
161	55+79	4.5' R	Catch Basin
162	55+93	65' L	Catch Basin
163	56+45	65' L	Catch Basin
164	57+70	54' L	Catch Basin
167	61+69	45' L	Catch Basin
168	62+85	40' R	Catch Basin
169	63+11	27' L	Catch Basin
170	63+58.5	31' R	Catch Basin
173	68+04.5	28' L	Catch Basin
175	68+68	38' L	Catch Basin
182	72+26	50' L	Catch Basin
183	72+62	24' L	Catch Basin
184	73+31	69' R	Catch Basin
185	73+97	25' L	Catch Basin
186	74+38	30' L	Catch Basin

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CATEGORY		TREE PLANTING														MISCELLANEOUS QUANTITIES	
ITEM NUMBER	DESCRIPTION	632.0101.01	632.0101.02	632.0101.03	632.0101.04	632.0101.05	632.0101.06	632.0101.07	632.0101.08	632.0101.09	632.0101.10	632.0101.11	632.0101.12	632.9101			
		*COMMON BALDCYPRESS, B&B, 3" CAL	UPRIGHT ENGLISH OAK, B&B, 3" CAL	GALLERY PEAR, B&B, 3" CAL	FREEMAN MAPLE, B&B, 3.5" CAL	SUNBURST HONEYLOCUST, B&B, 3" CAL	ACCOLADE ELM, B&B, 3" CAL	JAPANESE TREE LILAC, B&B, 2.5" CAL	CUMULUS SERVICEBERRY, B&B, 3" CAL	KENTUCKY COFFEETREE, B&B, 3" CAL	*AMERICAN HORNBEEAM, B&B, 3" CAL	CONCOLOR SPRUCE, B&B, 3.5" CAL	DOUBLE BLOSSOM CHERRY (PINK), B&B, 3" CAL	PLANTING SURVEILLANCE AND CARE CYCLES			
	UNIT PAY	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH			
STA 1+00 TO 4+00	LT	3									1						
STA 4+00 TO 10+00	LT			4		5					1						
STA 10+00 TO 16+00	LT							1		3							
STA 16+00 TO 22+00	LT		1		3					2							
STA 22+00 TO 27+00	LT										2						
STA 27+00 TO 33+00	LT	2	3	3					1								
STA 33+00 TO 39+00	LT			1													
STA 39+00 TO 45+00	LT	2		1	4			1									
STA 45+00 TO 50+00	LT				2												
STA 50+00 TO 56+00	LT				1												
STA 56+00 TO 62+00	LT				1												
STA 62+00 TO 66+00	LT																
STA 66+00 TO 71+00	LT																
STA 71+00 TO 75+00	LT																
STA 101+59 TO 103+00 (OKLAHOMA)	LT																
STA 1+00 TO 4+00	MEDIAN																
STA 4+00 TO 10+00	MEDIAN			2				3									
STA 10+00 TO 16+00	MEDIAN																
STA 16+00 TO 22+00	MEDIAN																
STA 22+00 TO 27+00	MEDIAN																
STA 27+00 TO 33+00	MEDIAN			1													
STA 33+00 TO 39+00	MEDIAN																
STA 39+00 TO 45+00	MEDIAN																
STA 45+00 TO 50+00	MEDIAN																
STA 50+00 TO 56+00	MEDIAN																
STA 56+00 TO 62+00	MEDIAN					2											
STA 62+00 TO 66+00	MEDIAN					1											
STA 66+00 TO 71+00	MEDIAN																
STA 71+00 TO 75+00	MEDIAN																
STA 101+59 TO 103+00 (OKLAHOMA)	MEDIAN			3													
STA 1+00 TO 4+00	RT			3													
STA 4+00 TO 10+00	RT																
STA 10+00 TO 16+00	RT																
STA 16+00 TO 22+00	RT																
STA 22+00 TO 27+00	RT																
STA 27+00 TO 33+00	RT																
STA 33+00 TO 39+00	RT																
STA 39+00 TO 45+00	RT	1	1														
STA 45+00 TO 50+00	RT																
STA 50+00 TO 56+00	RT																
STA 56+00 TO 62+00	RT																
STA 62+00 TO 66+00	RT																
STA 66+00 TO 71+00	RT																
STA 71+00 TO 75+00	RT																
STA 101+59 TO 103+00 (OKLAHOMA)	RT																
TOTALS		6	8	16	21	12	14	15	1	8	8	1	3				

\*Quantities listed elsewhere

3

3

TRAFFIC CONTROL SIGNS

2060-00-76

CATEGORY 0010

ITEM	SIZE	DESCRIPTION	PRE-STAGE 1A	PRE-STAGE 1B	STAGE 1	STAGE 1A	STAGE 2	TOTAL
W20-1	48"x48"	"ROAD WORK AHEAD"	5	4	15	3	15	42
R11-2	48"x30"	"ROAD CLOSED"	1	5	10	0	33	50
R11-4	60"x30"	"ROAD CLOSED TO THRU TRAFFIC"	1	0	0	0	1	2
R9-9	24"x12"	"SIDEWALK CLOSED"	1	9	13	1	1	25
R11-2-L	48"x30"	"LANE CLOSED"	2	3	15	3	2	23
G20-2A	36"x18"	"END ROAD WORK"	1	2	3	3	7	16
W20-55-A	36"x36"	"LEFT LANE CLOSED AHEAD"	1	1	7	2	4	15
W20-5-A	36"x36"	"RIGHT LANE CLOSED AHEAD"	1	2	0	0	6	9
W01-6R	24"x48"	"GO LEFT ARROW"	1	3	4	1	5	14
W01-6L	24"x48"	"GO RIGHT ARROW"	0	0	0	1	2	3
W01-4R	48"x48"	"LANE SHIFT (RIGHT)"	1	0	2	1	2	6
W01-4L	48"x48"	"LANE SHIFT (LEFT)"	0	2	2	1	3	9
R9-10	24"x12"	"SIDEWALK CLOSED USE OTHER SIDE"	2	2	8	1	3	16
W04-2R	48"x48"	"MERGE LEFT"	1	2	3	1	3	10
W04-2L	48"x48"	"MERGE RIGHT"	1	1	3	2	7	14
W06-3	48"x48"	"TWO-WAY TRAFFIC"	4	3	28	3	17	55
R5-51	30"x30"	"DO NOT ENTER"	0	0	0	0	0	0
W20-3	48"x48"	"ROAD CLOSED AHEAD"	1	2	4	0	5	12
R3-7R	36"x36"	"RIGHT LANE MUST TURN RIGHT"	0	1	3	1	2	7
W20-56A	36"x36"	"CENTER LANE CLOSED AHEAD"	0	1	1	0	0	2
W1-7	24"x12"	"GO LEFT OR RIGHT DOUBLE ARROW"	0	0	5	0	7	12
W20-58-A	48"x48"	"RIGHT TWO LANES CLOSED 500 FT"	0	0	2	1	0	3
W12-1D	24"x24"	"DOUBLE ARROW"	0	0	0	1	0	1
R3-7L	36"x36"	"LEFT LANE MUST TURN LEFT"	0	0	2	0	0	2
R1-2	36"x36"	"NO LEFT TURN SYMBOL"	0	0	1	1	2	4
R3-1	36"x36"	"NO RIGHT TURN SYMBOL"	0	0	1	2	1	4
<b>TRAFFIC CONTROL SIGNS</b>			<b>24</b>	<b>43</b>	<b>132</b>	<b>30</b>	<b>128</b>	<b>357</b>
<b>643.0900 TRAFFIC CONTROL SIGNS TOTAL</b>			<b>360</b>	<b>645</b>	<b>14,784</b>	<b>600</b>	<b>14,336</b>	<b>30,725 DAY</b>

"W0" SIGNS ARE THE SAME AS "W" SIGNS. EXCEPT THE BACKGROUND IS ORANGE.

NOTE:

SIGN LAYOUT SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL OF STANDARD HIGHWAY SIGNS, UNLESS OTHERWISE PROVIDED IN THE PLAN.

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TRAFFIC CONTROL ITEMS

ITEMS	PRE-STAGE 1A		PRE-STAGE 1B		STAGE 1		STAGE 1A		STAGE 2		STAGE 2A		TOTAL	
	EACH	DAY	EACH	DAY	EACH	DAY	EACH	DAY	EACH	DAY	EACH	DAY	EACH	DAY
# TRAFFIC CONTROL DRUMS (643.0300)	21	315	42	630	197	22,064	34	680	239	26,768	49	980	51,437	DAY
## TRAFFIC CONTROL BARRICADES TYPE III (643.0420)	26	390	49	735	196	21,952	21	420	226	25,312	32	640	49,449	DAY
### TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS (643.0500)	25	EACH	21	EACH	194	EACH	17	EACH	288	EACH	27	EACH	536	EACH
### TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES (643.0600)	25	EACH	21	EACH	194	EACH	17	EACH	288	EACH	27	EACH	536	EACH
### TRAFFIC CONTROL WARNING LIGHTS TYPE A (643.0705)	26	390	49	735	196	21,952	21	420	226	25,312	32	640	49,449	DAY
### TRAFFIC CONTROL WARNING LIGHTS TYPE C (643.0715)	21	315	42	630	197	22,064	34	680	239	26,768	49	980	51,437	DAY
### TRAFFIC CONTROL WARNING LIGHTS TYPE D (643.0725)	0		285		856		780		4,910		700		7,531	LF
### TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, WHITE (649.0150)	360		1,040		1,258		400		9,850		1,730		14,638	LF
### TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH, YELLOW (649.0160)	360		1,325		2,114		1,180		14,760		2,430		22,169	LF
TOTAL REMOVABLE TAPE 4-INCH (649.0150)	746		500		6,156		0		2,170		0		9,572	LF
TEMPORARY MARKING LINE REMOVABLE PAINT 4-INCH, WHITE (649.0105)	1,000		0		11,036		728		3,580		0		16,344	LF
TEMPORARY MARKING LINE REMOVABLE PAINT 4-INCH, YELLOW (649.0105)	1,746		500		17,192		728		5,750		0		25,916	LF
TOTAL TEMPORARY PAVEMENT MARKING PAINT 4-INCH (649.0105)														

# ALL DRUMS HAVE ONE STEADY BURNING YELLOW LIGHT (LIGHTS ARE TO BE PAID FOR SEPERATLY UNDER THEIR APPROPRIATE BID ITEM)

## ALL TYPE III BARRICADES HAVE TWO (2) FLASHING YELLOW LIGHTS (LIGHTS ARE TO BE PAID FOR SEPERATLY UNDER THEIR APPROPRIATE BID ITEM)

### WHEN PLACING TEMPORARY PAVEMENT MARKING REMOVABLE TAPE, THE TAPE SHALL BE SLICED OR CUT ACROSS ITS WIDTH EVERY TWENTY FIVE (25) FEET

### ALL TEMPORARY PAVEMENT MARKINGS MUST BE REMOVED PRIOR TO FINAL ACCEPTANCE OF PROJECT

#### SOME ITEMS FROM STAGE 1 AND 2 ARE USED IN 1A AND 2A

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PEDESTRIAN ACCOMODATIONS ITEMS

CATEGORY 0010	CATEGORY 0010	CATEGORY 0010	CATEGORY 0010	CATEGORY 0010	CATEGORY 0010	CATEGORY 0010	CATEGORY 0010
644.1410.S	644.1420.S	644.1430.S	644.1601.S	SPV.0045.01	TEMPORARY	TEMPORARY	TEMPORARY
TEMPORARY	TEMPORARY	TEMPORARY	TEMPORARY	TEMPORARY	PAVEMENT	PAVEMENT	PAVEMENT
PEDESTRIAN	PEDESTRIAN	PEDESTRIAN	CURB	CROSSWALK	MARKING	MARKING	MARKING
SURFACE	SURFACE	SURFACE	RAMP	TAPE	24-INCH WHITE	24-INCH WHITE	SPV.0090.20
ASPHALT	PLYWOOD	PLATE			SPV.0090.19	SPV.0090.20	
(SF)	(SF)	(SF)	(EACH)	(DAY)	LOCATION	LOCATION	
200	296	480	3		UNDISTRIBUTED	UNDISTRIBUTED	
--	450	880	2		TOTAL	TOTAL	
200	746	1,360	5	223			

TEMPORARY PAVEMENT MARKING

TEMPORARY PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING
PAINT	PAINT
24-INCH WHITE	24-INCH WHITE
SPV.0090.19	SPV.0090.20
LF	LF
0010	0010
56	76
56	76

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PAVEMENT MARKING QUANTITIES				
GROUP CODE	ITEM NUMBER	DESCRIPTION	UNIT	QUANTITY
0010	646.1020	MARKING LINE EPOXY 4-INCH	LF	18,380
0010	646.5020	MARKING ARROW EPOXY	EACH	13
0010	646.5120	MARKING WORD EPOXY	EACH	10
0010	646.5220	MARKING SYMBOL EPOXY	EACH	64
0010	646.7520	MARKING CROSSWALK EPOXY LADDER PATTERN 24-INCH	LF	156
0010	646.8220	MARKING ISLAND NOSE EPOXY	EACH	48
0010	SPV.0090.04	MARKING CROSSWALK EPOXY 12-INCH	LF	1705
0010	SPV.0090.05	MARKING LINE EPOXY 6-INCH WHITE	LF	12,045
0010	SPV.0090.06	MARKING STOP LINE EPOXY 24-INCH	LF	370

ALL CATEGORY 0010 (PARTICIPATING)

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CITY UNDERGROUND CONDUIT														
CATEGORY 0010														
LOCATION	204.025 ABANDONING MANHOLES	SPV.0060.50 ADJUSTING C/C MANHOLE COVERS	SPV.0060.51 4" DIAMETER "DOGHOUSE" MANHOLE TYPE C/C	SPV.0060.52 4" DIAMETER "DOGHOUSE" MANHOLE TYPE C/C	SPV.0060.53 4" DIAMETER "DOGHOUSE" MANHOLE TYPE C/C INSTALLED OVER CONDUIT	SPV.0060.54 5" DIAMETER "DOGHOUSE" MANHOLE TYPE C/C	SPV.0060.55 6" DIAMETER "DOGHOUSE" MANHOLE TYPE C/C INSTALLED OVER CONDUIT	SPV.0060.56 REMOVING C/C MANHOLE	SPV.0060.57 INSTALLING CONDUIT INTO EXISTING MANHOLE	SPV.0090.14 6-DUCT CONDUIT CEMENT ENCASED DB-60	SPV.0090.15 4-DUCT CONDUIT CEMENT ENCASED DB-60	SPV.0090.16 3-DUCT CONDUIT CEMENT ENCASED DB-60	SPV.0090.17 2-DUCT CONDUIT CEMENT ENCASED DB-60	SPV.0090.18 1-DUCT CONDUIT CEMENT ENCASED DB-60
MANHOLE 600	1	1							1		137			
PAVING LIMITS TO MANHOLE 601									2		378			
MANHOLE 601		1												
MANHOLE 602A	1								2					
MANHOLE 603		1												34
MANHOLE 604		1							1					96
STA 13+23.6 TO PROPOSED TRAFFIC CABINET											25			99
MANHOLE 605		1							1					
MANHOLE 606		1												
MANHOLE 607A														
MANHOLE 608	1													
MANHOLE 609A					1									
MANHOLE 610														
MANHOLE 611A	1													
MANHOLE 612														
MANHOLE 613														
STA 27+03.3 TO TRAFFIC CONTROL CABINET											14			17
MANHOLE 614A	1													25
MANHOLE 615														
MANHOLE 616														
MANHOLE 617														
MANHOLE 618														
FUTURE TRAFFIC CABINET														
BRIDGE ABUTMENT														
MANHOLE 619														
MANHOLE 620														
MANHOLE 621														
MANHOLE 622														
MANHOLE 623														
MANHOLE 624R														
MANHOLE 625														
MANHOLE 626														
MANHOLE 627														
MANHOLE 627														
STA 74+70.8 TO PROPOSED TRAFFIC CABINET														
STA 74+70.8 TO PROPOSED TRAFFIC CABINET														
STA 74+77.8 TO PROPOSED TRAFFIC CABINET														
STA 74+77.8 TO PAVING LIMITS														
TOTAL	5	5	8	1	1	1	1	2	6	3013	2506	10	370	16

TYPE II PERMANENT SIGNING AND REMOVALS

STH 38 2060-00-76

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	SIGN SIZE W x H [IN.] x [IN.]	SIGNS TYPE II REFLECTIVE TYPE H [SF]	REMOVING SIGNS TYPE II [EA]	REMOVING SMALL SIGN SUPPORTS [EA]	POSTS TUBULAR STEEL 2"x2"x16" [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
1	J4-1(2S) M3-3 M1-6	STH 38	24 X 36 24 X 12 24 X 24	6.000			634.0516		MOUNT UP HIGH ON SIGNAL POLE
2	J4-1(2S) M3-1 M6-1	STH 38	24 X 36 24 X 12 24 X 24	6.000	1	1	638.3000		MOUNT UP HIGH ON SIGNAL POLE
3	J4-1(2S) M3-3 M1-6	STH 38	24 X 36 24 X 12 24 X 24	6.000			638.2102		MOUNT ON LIGHT POLE
4	J3-1(2S) M3-3 M1-6 M6-2	STH 38	24 X 57 24 X 12 24 X 24	9.500					MOUNT ON SIGNAL POLE
5	J4-1(2S) M3-1	STH 38	21 X 21 24 X 12 24 X 12	6.000					MOUNT ON LIGHT POLE
6	M1-6 JV2-1 MB4-5 M1-1 M1-1 MB6-2	STH 38 IH 43 IH 94	24 X 24						MOVE TO NEW LIGHT POLE
7	J4-1 M3-3 M1-6	STH 38							MOVE TO NEW LIGHT POLE
8	JV2-1 MB4-5 M1-1 M1-1 MB5-2R	STH 38 IH 43 IH 94							MOVE TO NEW LIGHT POLE
9	JV2-1 MB4-5 M1-1 M1-1 JV6-2	STH 38 IH 43 IH 94							MOVE TO NEW LIGHT POLE
TOTALS	UNDISTRIBUTED			33.500	1	1	1	4	

Addendum No. 01  
ID 2060-00-76  
Revised Sheet 301  
March 5, 2019

REVISED 2/22/19

SHEET 1 OF 1

E

PROJECT NO: 2060-00-76

HWY: STH 38

COUNTY: MILWAUKEE

MISCELLANEOUS QUANTITIES - PERMANENT SIGNING

SHEET: 301

FILE NAME: N:\SPO\Operations\Signing\Miscellaneous Quantities\2060-00-76\2060-00-76\_001.dwg

PLOT DATE: 21 February 2019

PLOT BY: DOTRUM

PLOT NAME: 098501\_mq.pdf

PLOT SCALE: 1:1



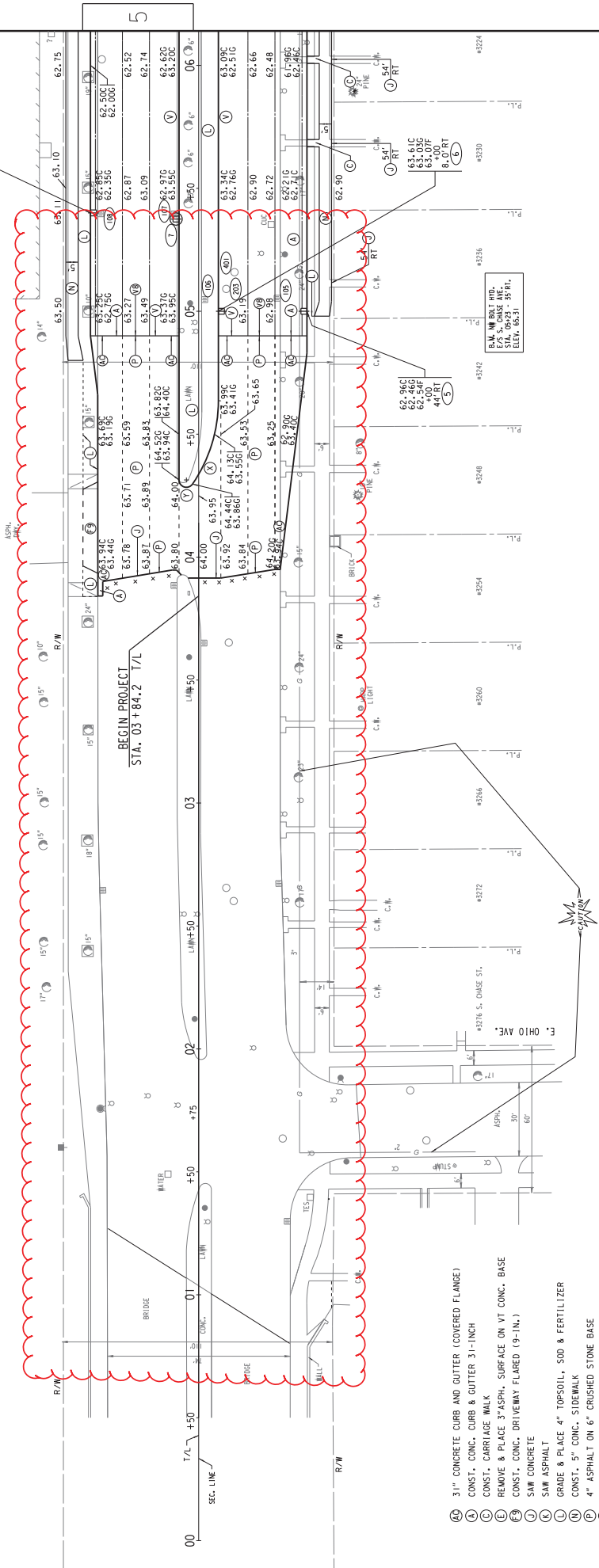
SOUTH

CHASE

AVENUE

R.A.M. BOLT PROD.  
845 S. CHASE AVE.  
MILWAUKEE, WI 53214  
ELEV. 68.48

Addendum No. 01  
ID 2060-00-76  
Revised Sheet 302  
March 5, 2019



- Ⓐ 31" CONCRETE CURB AND GUTTER (COVERED FLANGE)
- Ⓑ CONST. CONC. CURB & GUTTER 31-INCH
- Ⓒ CONST. CARRIAGE WALK
- Ⓓ REMOVE & PLACE 3" ASPH. SURFACE ON VT CONC. BASE
- Ⓔ CONST. CONC. DRIVEWAY FLARED (9'-IN.)
- Ⓕ SAW CONCRETE
- Ⓖ GRADE & PLACE 4" TOPSOIL, 500 & FERTILIZER
- Ⓝ CONST. 5" CONC. SIDEWALK
- Ⓞ 4" ASPHALT ON 6" CRUSHED STONE BASE
- Ⓟ CONST. 8.5" CONC. PAVEMENT WITH INTEGRAL CURB
- Ⓠ CONST. 8.5" CONC. PAVEMENT
- Ⓡ CONST. MAINTENANCE RAMP
- Ⓢ CONCRETE MEDIAN SLOPE NOSE

STATE PROJECT NUMBER 2060-00-76

HWY: S. T. H. 38

COUNTY: MILWAUKEE

PLAN

SCALE FEET 1" = 40'

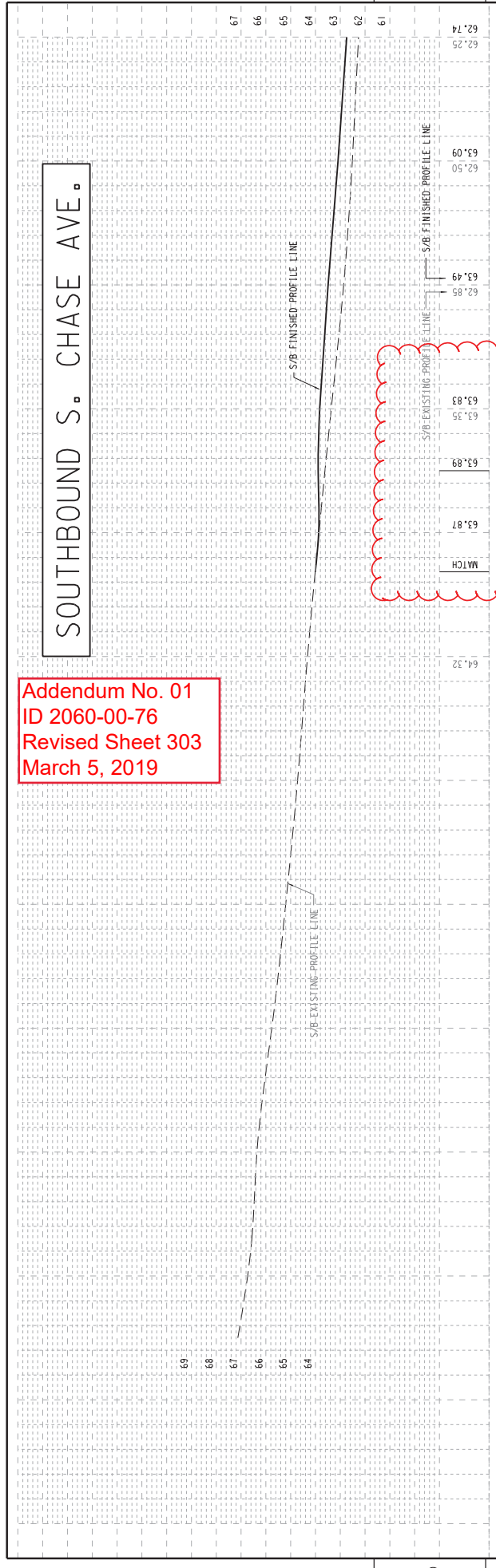
SHEET NO: 302

FILENAME: W:\SPRCHASE\_0110.LINCOLN\01-06.DGN

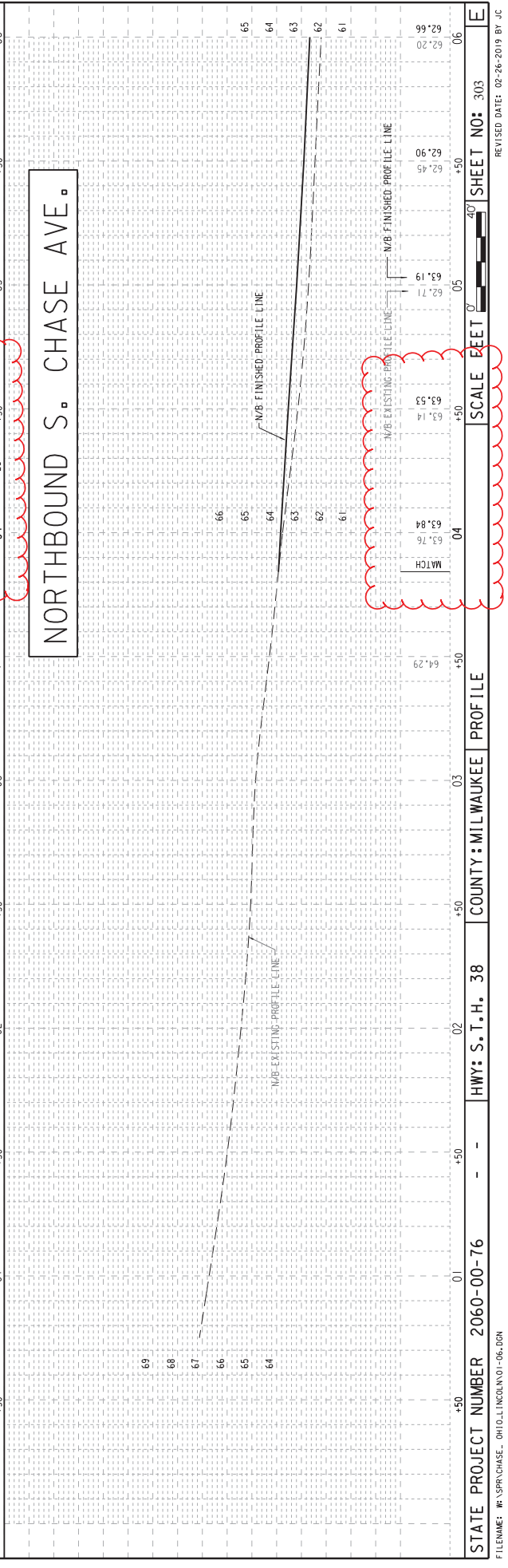
REVISED DATE: 02-22-2019 BY: DB

SOUTHBOUND S. CHASE AVE.

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 303  
 March 5, 2019



NORTHBOUND S. CHASE AVE.

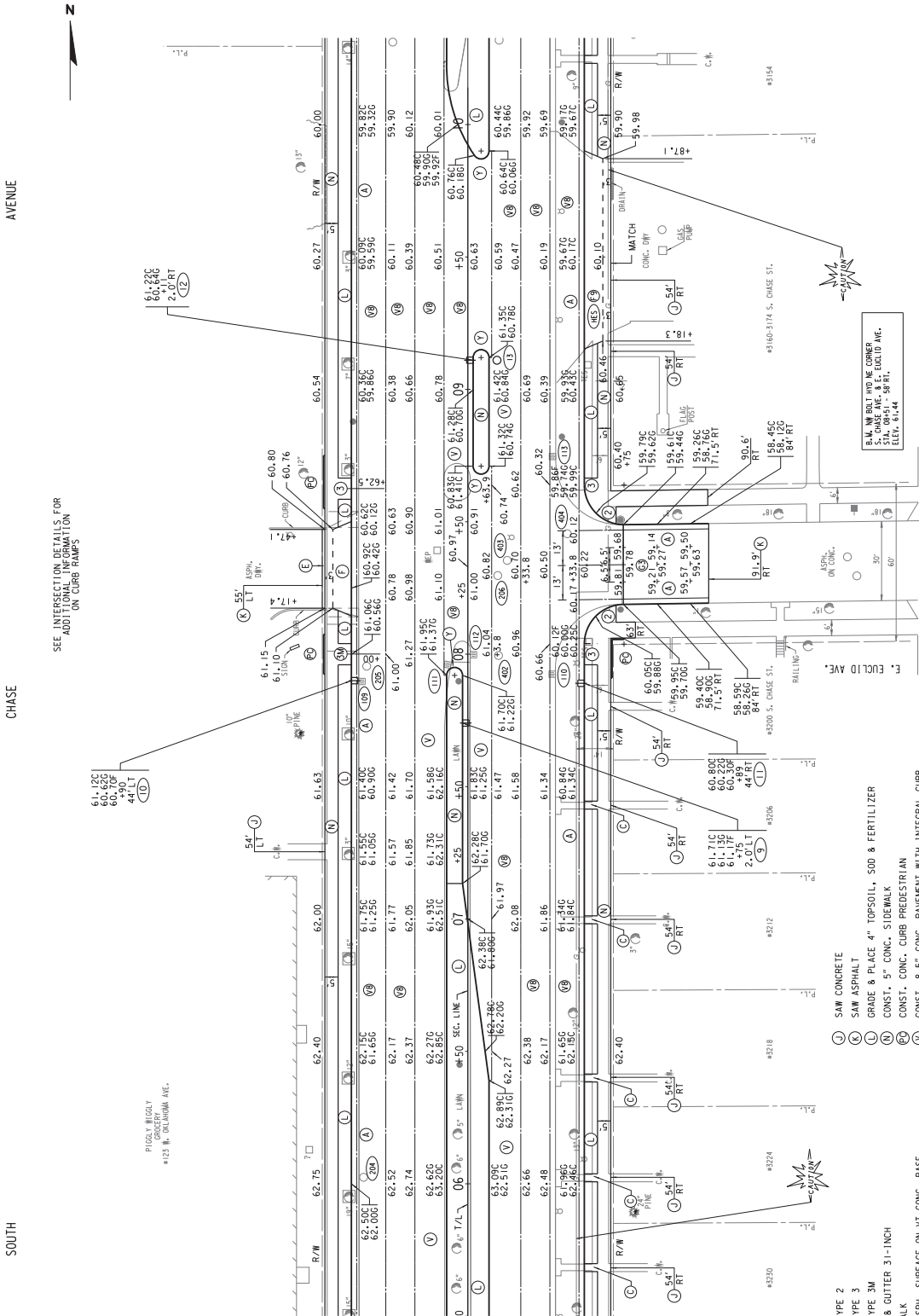


STATE PROJECT NUMBER 2060-00-76 - - HWY: S. T. H. 38 COUNTY: MILWAUKEE PROFILE

SCALE FEET 0' 40' SHEET NO: 303

FILENAME: W:\SPRCHASE\_0110.LINCOLN\01-06.dgn REVISED DATE: 02-26-2019 BY: JC

Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 304  
 March 5, 2019

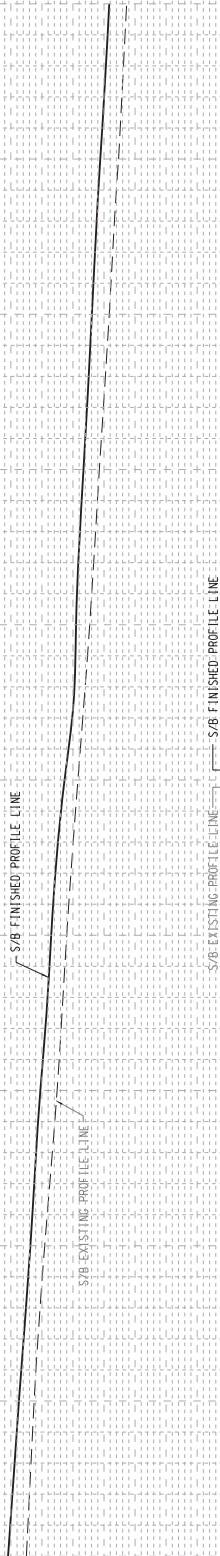


SEE INTERSECTION DETAILS FOR  
 ADDITIONAL INFORMATION  
 ON CURB RAMPS

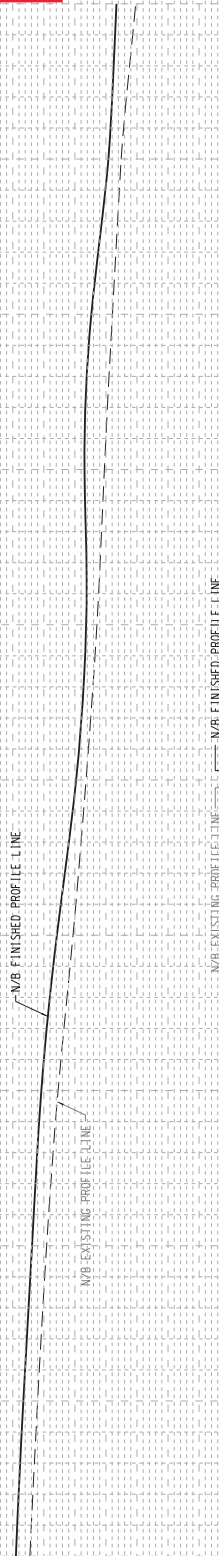
SEE INTERSECTION DETAILS FOR  
 ADDITIONAL INFORMATION  
 ON CURB RAMPS

- (2) CONST. CURB RAMP TYPE 2
- (3) CONST. CURB RAMP TYPE 3
- (3M) CONST. CURB RAMP TYPE 3M
- (4) CONST. CONC. CURB & GUTTER 31-INCH
- (4C) CONST. CONC. CURB PREDESTRIAN
- (4M) CONST. CONC. CURB PREDESTRIAN
- (5) REMOVE & PLACE 3" ASPH. SURFACE ON VT CONC. BASE
- (6) CONST. CONC. DRIVEWAY FLARED (7'-IN.)
- (6M) CONST. CONC. DRIVEWAY FLARED (9'-IN.)
- (6S) REMOVE ASPHALT PARTIAL DEPTH TO OBTAIN 3" MIN. ASPH. OVERLAY

SOUTHBOUND S. CHASE AVE.



NORTHBOUND S. CHASE AVE.



Addendum No. 01  
 ID 2060-00-76  
 Revised Sheet 305  
 March 5, 2019

STATE PROJECT NUMBER 2060-00-76 COUNTY: MILWAUKEE HWY: S. I. H. 38 SCALE FEET 1"=40' SHEET NO: 305

STATION	CUT C.Y.	FILL (-) C.Y.	LARGEST CUT IN FEET	LARGEST FILL (-) IN FEET	24+00	10	0	0.48	0.54	45+00	0	21	0.73	0.87
0+50					24+50	0	7	0.62	0.83	46+00	17	0	0.99	0.43
1+00					25+00	0	30	0.62	0.83	46+50	24	0	0.99	0.15
1+50					25+50	0	38	0.43	0.79	47+00	14	0	0.48	0.10
2+00					26+00	0	29	0.43	0.79	47+50	7	0	0.49	0.10
2+50					26+50	0	21	0.50	0.65	48+00	0	0		
3+00					27+00	0	21	0.50	0.75	48+50	23	0	0.60	0.00
3+50					27+50	0	11	0.42	0.78	49+00	36	0	0.67	0.02
4+00					28+00	0	11	0.42	0.78	49+50	35	0	1.05	0.50
4+50					28+50	0	23	0.37	0.74	50+00	26	0	1.05	0.50
5+00					29+00	0	30	0.37	0.74	50+50	24	0	0.84	0.61
5+50					29+50	0	18	0.41	0.79	51+00	24	0	0.78	0.61
6+00					30+00	13	5	0.54	0.79	51+50	0	12	0.51	0.41
6+50					30+50	14	0	0.69	0.82	52+00	0	13	0.54	0.70
7+00					31+00	14	0	0.69	0.55	52+50	0	13	0.63	0.71
7+50					31+50	0	22	0.47	0.65	53+00	0	15	0.63	0.89
8+00					32+00	0	24	0.54	0.67	53+50	0	19	0.48	0.89
8+50					32+50	0	13	0.67	0.62	54+00	0	16	0.56	0.78
9+00					33+00	0	14	0.67	0.47	54+50	0	12	0.56	0.78
9+50					33+50	0	19	0.69	0.71	55+00	0	17	0.59	0.51
10+00					34+00	0	10	0.75	0.72	55+50	0	20	0.62	0.51
10+50					34+50	0	14	0.75	0.70	56+00	0	38	0.80	0.58
11+00					35+00	0	23	0.75	0.83	56+50	0	26	0.81	0.75
11+50					35+50	0	28	0.75	0.74	57+00	0	21	0.81	0.75
12+00					36+00	0	21	0.55	0.60	57+50	0	37	0.55	0.62
12+50					36+50	0	11	0.53	0.59	58+00	4	0	0.46	0.55
13+00					37+00	9	0	0.62	0.45	58+50	13	0	0.63	0.83
13+50					37+50	17	0	0.62	0.30	59+00	18	0	0.63	0.05
14+00					38+00	26	0	0.62	0.12	60+00	20	0	0.49	0.09
14+50					38+50	32	0	0.67	0.20	60+50	20	0	0.56	0.20
15+00					39+00	20	0	0.67	0.30	61+00	29	0	0.65	0.20
15+50					39+50	14	0	0.57	0.38	61+50	43	0	0.86	0.00
16+00					40+00	11	0	0.57	0.38	62+00	55	0	0.86	0.00
16+50					40+50	7	0	0.39	0.38	62+50	43	0	0.66	0.40
17+00					41+00	0	13	0.52	0.71	63+00	0	0	0.56	0.88
17+50					41+50	0	7	0.59	0.71	63+50	50	0	0.72	0.79
18+00					42+00	2	0	0.65	0.65	64+00	53	0	0.63	0.00
18+50					42+50	3	0	0.68	0.65	64+50	4	0	0.34	0.00
19+00					43+00	0	3	0.68	0.57	67+00	1	0	0.07	0.00
19+50					43+50	0	5	0.58	0.58	67+50	0	24	0.77	0.97
20+00					44+00	0	19	0.57	0.58	68+00	0	76	0.77	0.97
20+50					44+50	0	25	0.49	0.56	68+50	0	47	0.26	0.58
21+00					45+00	0	32	0.63	1.54	69+00	0	13	0.37	0.39
21+50					<b>SUB-TOTAL</b>	<b>171</b>	<b>560</b>			69+50	0	6	0.60	0.68
22+00										70+00	32	0	0.60	0.68
22+50										70+50	36	0	0.55	0.00
23+00										71+00	18	0	0.55	0.05
23+50										71+50	20	0	0.61	0.09
<b>SUB-TOTAL</b>	<b>412</b>	<b>619</b>								72+00	11	0	0.61	0.37
										72+50	0	5	0.15	0.37
										73+00	7	0	0.53	0.16
										73+50	19	0	0.59	0.16
										74+00	4	0	0.59	0.18
										74+50	0	1	0.09	0.18
										75+00	0	0		
										<b>TOTAL</b>	<b>1434</b>	<b>1546</b>		



Proposal Schedule of Items

Proposal ID: 20190312016 Project(s): 2060-00-76, 2110-00-72

Federal ID(s): WISC 2019158, WISC 2019160

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0120 Clearing	707.000 ID	_____.	_____.
0004	201.0220 Grubbing	707.000 ID	_____.	_____.
0006	204.0100 Removing Pavement	59,076.000 SY	_____.	_____.
0008	204.0105 Removing Pavement Butt Joints	2,660.000 SY	_____.	_____.
0010	204.0115 Removing Asphaltic Surface Butt Joints	440.000 SY	_____.	_____.
0012	204.0150 Removing Curb & Gutter	256.000 LF	_____.	_____.
0014	204.0155 Removing Concrete Sidewalk	12,292.000 SY	_____.	_____.
0016	204.0195 Removing Concrete Bases	13.000 EACH	_____.	_____.
0018	204.0220 Removing Inlets	28.000 EACH	_____.	_____.
0020	204.0250 Abandoning Manholes	5.000 EACH	_____.	_____.
0022	204.0260 Abandoning Inlets	50.000 EACH	_____.	_____.
0024	205.0100 Excavation Common	29,047.000 CY	_____.	_____.
0026	205.0501.S Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	1,640.000 TON	_____.	_____.
0028	213.0100 Finishing Roadway (project) 01. 2060-00-76	1.000 EACH	_____.	_____.
0030	213.0100 Finishing Roadway (project) 02. 2110-00-72	1.000 EACH	_____.	_____.
0032	305.0110 Base Aggregate Dense 3/4-Inch	1,600.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190312016 Project(s): 2060-00-76, 2110-00-72

Federal ID(s): WISC 2019158, WISC 2019160

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0034	305.0120 Base Aggregate Dense 1 1/4-Inch	31,877.000 TON	_____.	_____.
0036	320.0125 Concrete Base 6-Inch	20.000 SY	_____.	_____.
0038	415.0070 Concrete Pavement 7-Inch	210.000 SY	_____.	_____.
0040	415.0085 Concrete Pavement 8 1/2-Inch	62,377.000 SY	_____.	_____.
0042	415.0090 Concrete Pavement 9-Inch	235.000 SY	_____.	_____.
0044	415.0210 Concrete Pavement Gaps	11.000 EACH	_____.	_____.
0046	416.0170 Concrete Driveway 7-Inch	690.000 SY	_____.	_____.
0048	416.0190 Concrete Driveway 9-Inch	283.000 SY	_____.	_____.
0050	416.0270 Concrete Driveway HES 7-Inch	270.000 SY	_____.	_____.
0052	416.0290 Concrete Driveway HES 9-Inch	80.000 SY	_____.	_____.
0054	416.0610 Drilled Tie Bars	485.000 EACH	_____.	_____.
0056	416.0620 Drilled Dowel Bars	478.000 EACH	_____.	_____.
0058	455.0605 Tack Coat	20.000 GAL	_____.	_____.
0060	465.0105 Asphaltic Surface	335.000 TON	_____.	_____.
0062	520.8000 Concrete Collars for Pipe	1.000 EACH	_____.	_____.
0064	601.0150 Concrete Curb Integral Type D	10,250.000 LF	_____.	_____.
0066	601.0322 Concrete Curb & Gutter 22-Inch	30.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190312016 Project(s): 2060-00-76, 2110-00-72

Federal ID(s): WISC 2019158, WISC 2019160

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0068	601.0331 Concrete Curb & Gutter 31-Inch	15,641.000 LF	_____.	_____.
0070	601.0600 Concrete Curb Pedestrian	90.000 LF	_____.	_____.
0072	602.0410 Concrete Sidewalk 5-Inch	89,163.000 SF	_____.	_____.
0074	602.0505 Curb Ramp Detectable Warning Field Yellow	120.000 SF	_____.	_____.
0076	602.0515 Curb Ramp Detectable Warning Field Natural Patina	680.000 SF	_____.	_____.
0078	602.1000 Concrete Loading Zone	135.000 SF	_____.	_____.
0080	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	8.000 LF	_____.	_____.
0082	611.0420 Reconstructing Manholes	1.000 EACH	_____.	_____.
0084	611.1003 Catch Basins 3-FT Diameter	1.000 EACH	_____.	_____.
0086	611.2004 Manholes 4-FT Diameter	14.000 EACH	_____.	_____.
0088	611.2005 Manholes 5-FT Diameter	1.000 EACH	_____.	_____.
0090	611.3225 Inlets 2x2.5-FT	12.000 EACH	_____.	_____.
0092	611.8115 Adjusting Inlet Covers	1.000 EACH	_____.	_____.
0094	619.1000 Mobilization	1.000 EACH	_____.	_____.
0096	620.0300 Concrete Median Sloped Nose	1,295.000 SF	_____.	_____.
0098	621.0100 Landmark Reference Monuments	1.000 EACH	_____.	_____.





Proposal Schedule of Items

Proposal ID: 20190312016 Project(s): 2060-00-76, 2110-00-72

Federal ID(s): WISC 2019158, WISC 2019160

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0100	623.0200 Dust Control Surface Treatment	54,172.000 SY	_____.	_____.
0102	624.0100 Water	200.000 MGAL	_____.	_____.
0104	625.0100 Topsoil	14,142.000 SY	_____.	_____.
0106	628.1905 Mobilizations Erosion Control	3.000 EACH	_____.	_____.
0108	628.1910 Mobilizations Emergency Erosion Control	3.000 EACH	_____.	_____.
0110	628.2006 Erosion Mat Urban Class I Type A	322.000 SY	_____.	_____.
0112	628.7010 Inlet Protection Type B	16.000 EACH	_____.	_____.
0114	628.7015 Inlet Protection Type C	5.000 EACH	_____.	_____.
0116	628.7020 Inlet Protection Type D	2.000 EACH	_____.	_____.
0118	629.0210 Fertilizer Type B	5.200 CWT	_____.	_____.
0120	630.0140 Seeding Mixture No. 40	5.000 LB	_____.	_____.
0122	631.1000 Sod Lawn	13,822.000 SY	_____.	_____.
0124	632.0101 Trees (species) (size) (root) 01. Common Baldcypress	9.000 EACH	_____.	_____.
0126	632.0101 Trees (species) (size) (root) 02. Upright English Oak	8.000 EACH	_____.	_____.
0128	632.0101 Trees (species) (size) (root) 03. Callery Pear	16.000 EACH	_____.	_____.
0130	632.0101 Trees (species) (size) (root) 04. Freeman Maple	21.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190312016 Project(s): 2060-00-76, 2110-00-72

Federal ID(s): WISC 2019158, WISC 2019160

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0132	632.0101 Trees (species) (size) (root) 05. Sunburst Honey Locust	12.000 EACH	_____.	_____.
0134	632.0101 Trees (species) (size) (root) 06. Accolade Elm	14.000 EACH	_____.	_____.
0136	632.0101 Trees (species) (size) (root) 07. Japanese Tree Lilac	15.000 EACH	_____.	_____.
0138	632.0101 Trees (species) (size) (root) 08. Cumulus Serviceberry	1.000 EACH	_____.	_____.
0140	632.0101 Trees (species) (size) (root) 09. Kentucky Coffeetree	8.000 EACH	_____.	_____.
0142	632.0101 Trees (species) (size) (root) 10. American Hornbeams	14.000 EACH	_____.	_____.
0144	632.0101 Trees (species) (size) (root) 11. Concolor Spruce	1.000 EACH	_____.	_____.
0146	632.0101 Trees (species) (size) (root) 12. Double Blossom Cherry (Pink Flower)	3.000 EACH	_____.	_____.
0148	632.0101 Trees (species) (size) (root) 13. Cleveland Select Pear	3.000 EACH	_____.	_____.
0150	632.9101 Landscape Planting Surveillance and Care Cycles	1.000 EACH	_____.	_____.
0152	634.0816 Posts Tubular Steel 2x2-Inch X 16-FT	1.000 EACH	_____.	_____.
0154	637.2210 Signs Type II Reflective H	33.500 SF	_____.	_____.
0156	638.2102 Moving Signs Type II	14.000 EACH	_____.	_____.
0158	638.2602 Removing Signs Type II	2.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190312016 Project(s): 2060-00-76, 2110-00-72

Federal ID(s): WISC 2019158, WISC 2019160

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0160	638.3000 Removing Small Sign Supports	1.000 EACH	_____.	_____.
0162	642.5401 Field Office Type D	1.000 EACH	_____.	_____.
0164	643.0300 Traffic Control Drums	53,587.000 DAY	_____.	_____.
0166	643.0420 Traffic Control Barricades Type III	49,619.000 DAY	_____.	_____.
0168	643.0500 Traffic Control Flexible Tubular Marker Posts	536.000 EACH	_____.	_____.
0170	643.0600 Traffic Control Flexible Tubular Marker Bases	536.000 EACH	_____.	_____.
0172	643.0705 Traffic Control Warning Lights Type A	49,789.000 DAY	_____.	_____.
0174	643.0715 Traffic Control Warning Lights Type C	52,337.000 DAY	_____.	_____.
0176	643.0900 Traffic Control Signs	31,535.000 DAY	_____.	_____.
0178	643.0920 Traffic Control Covering Signs Type II	1.000 EACH	_____.	_____.
0180	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0182	644.1410.S Temporary Pedestrian Surface Asphalt	680.000 SF	_____.	_____.
0184	644.1420.S Temporary Pedestrian Surface Plywood	746.000 SF	_____.	_____.
0186	644.1430.S Temporary Pedestrian Surface Plate	1,360.000 SF	_____.	_____.
0188	644.1601.S Temporary Curb Ramp	5.000 EACH	_____.	_____.
0190	646.1020 Marking Line Epoxy 4-Inch	18,640.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190312016 Project(s): 2060-00-76, 2110-00-72

Federal ID(s): WISC 2019158, WISC 2019160

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0192	646.5020 Marking Arrow Epoxy	13.000 EACH	_____.	_____.
0194	646.5120 Marking Word Epoxy	10.000 EACH	_____.	_____.
0196	646.5220 Marking Symbol Epoxy	64.000 EACH	_____.	_____.
0198	646.7520 Marking Crosswalk Epoxy Ladder Pattern 24-Inch	156.000 LF	_____.	_____.
0200	646.8220 Marking Island Nose Epoxy	48.000 EACH	_____.	_____.
0202	646.9210 Marking Removal Line Water Blasting Wide	374.000 LF	_____.	_____.
0204	649.0105 Temporary Marking Line Paint 4-Inch	25,916.000 LF	_____.	_____.
0206	649.0150 Temporary Marking Line Removable Tape 4-Inch	22,169.000 LF	_____.	_____.
0208	650.4000 Construction Staking Storm Sewer	102.000 EACH	_____.	_____.
0210	650.4500 Construction Staking Subgrade	13,570.000 LF	_____.	_____.
0212	650.5500 Construction Staking Curb Gutter and Curb & Gutter	529.000 LF	_____.	_____.
0214	650.7000 Construction Staking Concrete Pavement	14,077.000 LF	_____.	_____.
0216	650.8500 Construction Staking Electrical Installations (project) 01. 2060-00-76	LS	LUMP SUM	_____.
0218	650.8500 Construction Staking Electrical Installations (project) 02. 2110-00-72	LS	LUMP SUM	_____.
0220	650.9000 Construction Staking Curb Ramps	68.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190312016 Project(s): 2060-00-76, 2110-00-72

Federal ID(s): WISC 2019158, WISC 2019160

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0222	650.9910 Construction Staking Supplemental Control (project) 01. 2060-00-76	LS	LUMP SUM	_____.
0224	650.9910 Construction Staking Supplemental Control (project) 02. 2110-00-72	LS	LUMP SUM	_____.
0226	650.9920 Construction Staking Slope Stakes 01. 2060-00-76	13,570.000 LF	_____.	_____.
0228	652.0220 Conduit Rigid Nonmetallic Schedule 40 1 1/2-Inch	155.000 LF	_____.	_____.
0230	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	427.000 LF	_____.	_____.
0232	652.0230 Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	1,388.000 LF	_____.	_____.
0234	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	8,835.000 LF	_____.	_____.
0236	652.0335 Conduit Rigid Nonmetallic Schedule 80 3-Inch	3,395.000 LF	_____.	_____.
0238	652.0610 Conduit Special 2 1/2-Inch	44.000 LF	_____.	_____.
0240	652.0615 Conduit Special 3-Inch	1,417.000 LF	_____.	_____.
0242	652.0700.S Install Conduit into Existing Item	6.000 EACH	_____.	_____.
0244	654.0101 Concrete Bases Type 1	16.000 EACH	_____.	_____.
0246	654.0102 Concrete Bases Type 2	3.000 EACH	_____.	_____.
0248	654.0110 Concrete Bases Type 10	5.000 EACH	_____.	_____.
0250	654.0113 Concrete Bases Type 13	4.000 EACH	_____.	_____.



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Proposal ID: 20190312016 Project(s): 2060-00-76, 2110-00-72

Federal ID(s): WISC 2019158, WISC 2019160

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0252	655.0230 Cable Traffic Signal 5-14 AWG	1,313.000 LF	_____.	_____.
0254	655.0260 Cable Traffic Signal 12-14 AWG	930.000 LF	_____.	_____.
0256	655.0280 Cable Traffic Signal 19-14 AWG	1,255.000 LF	_____.	_____.
0258	655.0290 Cable Traffic Signal 21-14 AWG	500.000 LF	_____.	_____.
0260	655.0305 Cable Type UF 2-12 AWG Grounded	5,785.000 LF	_____.	_____.
0262	655.0515 Electrical Wire Traffic Signals 10 AWG	834.000 LF	_____.	_____.
0264	655.0900 Traffic Signal EVP Detector Cable	1,015.000 LF	_____.	_____.
0266	657.0100 Pedestal Bases	16.000 EACH	_____.	_____.
0268	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	3.000 EACH	_____.	_____.
0270	657.0310 Poles Type 3	2.000 EACH	_____.	_____.
0272	657.0345 Poles Type 9	1.000 EACH	_____.	_____.
0274	657.0350 Poles Type 10	4.000 EACH	_____.	_____.
0276	657.0355 Poles Type 12	2.000 EACH	_____.	_____.
0278	657.0360 Poles Type 13	2.000 EACH	_____.	_____.
0280	657.0420 Traffic Signal Standards Aluminum 13-FT	1.000 EACH	_____.	_____.
0282	657.0525 Monotube Arms 25-FT	5.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20190312016 Project(s): 2060-00-76, 2110-00-72

Federal ID(s): WISC 2019158, WISC 2019160

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0284	657.0535 Monotube Arms 35-FT	4.000 EACH	_____.	_____.
0286	657.0540 Monotube Arms 40-FT	4.000 EACH	_____.	_____.
0288	657.0545 Monotube Arms 45-FT	2.000 EACH	_____.	_____.
0290	657.0550 Monotube Arms 50-FT	2.000 EACH	_____.	_____.
0292	657.0806 Luminaire Arms Steel 6-FT	4.000 EACH	_____.	_____.
0294	658.0173 Traffic Signal Face 3S 12-Inch	22.000 EACH	_____.	_____.
0296	658.0174 Traffic Signal Face 4S 12-Inch	4.000 EACH	_____.	_____.
0298	658.0412 Pedestrian Signal Face 12-Inch	12.000 EACH	_____.	_____.
0300	658.5069 Signal Mounting Hardware (location) 01. Lincoln Avenue & 43rd St	LS	LUMP SUM	_____.
0302	658.5069 Signal Mounting Hardware (location) 02. Lincoln Avenue & 27th St	LS	LUMP SUM	_____.
0304	674.0300 Remove Cable	60.000 LF	_____.	_____.
0306	674.0400 Reinstall Cable	60.000 LF	_____.	_____.
0308	690.0150 Sawing Asphalt	1,330.000 LF	_____.	_____.
0310	690.0250 Sawing Concrete	1,737.000 LF	_____.	_____.
0312	715.0415 Incentive Strength Concrete Pavement	18,020.000 DOL	1.00000	18,020.00
0314	740.0440 Incentive IRI Ride	5,620.000 DOL	1.00000	5,620.00



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Federal ID(s): WISC 2019158, WISC 2019160

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0316	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	3,000.000 HRS	5.00000	15,000.00
0318	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	4,500.000 HRS	5.00000	22,500.00
0320	SPV.0045 Special 01. Temporary Crosswalk	223.000 DAY	_____.	_____.
0322	SPV.0060 Special 01. Inlet Covers Type 57	100.000 EACH	_____.	_____.
0324	SPV.0060 Special 02. Manhole Covers Type 58A	110.000 EACH	_____.	_____.
0326	SPV.0060 Special 03. Catch Basins Type 44A	32.000 EACH	_____.	_____.
0328	SPV.0060 Special 04. Catch Basins Type 44B	2.000 EACH	_____.	_____.
0330	SPV.0060 Special 05. Catch Basins Type 45A	44.000 EACH	_____.	_____.
0332	SPV.0060 Special 06. Inlet Covers Type 55	1.000 EACH	_____.	_____.
0334	SPV.0060 Special 07. Inlet Screen Type M	99.000 EACH	_____.	_____.
0336	SPV.0060 Special 08. Inlet Screen Type R	99.000 EACH	_____.	_____.
0338	SPV.0060 Special 09. Adjusting Water Service Boxes	125.000 EACH	_____.	_____.
0340	SPV.0060 Special 10. Adjusting Water Manholes Frame and Lid	14.000 EACH	_____.	_____.
0342	SPV.0060 Special 11. Water Main Protection	26.000 EACH	_____.	_____.
0344	SPV.0060 Special 12. Poles Type-1	9.000 EACH	_____.	_____.
0346	SPV.0060 Special 13. Poles Type-3	62.000 EACH	_____.	_____.





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Federal ID(s): WISC 2019158, WISC 2019160

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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0348	SPV.0060 Special 14. Poles Type-6	4.000 EACH	_____.	_____.
0350	SPV.0060 Special 15. Poles Type-31	1.000 EACH	_____.	_____.
0352	SPV.0060 Special 16. Poles Type 12 Special	3.000 EACH	_____.	_____.
0354	SPV.0060 Special 17. Poles Type 13 Special	5.000 EACH	_____.	_____.
0356	SPV.0060 Special 18. City Precast Controller Base 36" x 21" x 20"	2.000 EACH	_____.	_____.
0358	SPV.0060 Special 19. Pull Boxes 13-Inch X 24-Inch X 24-Inch	126.000 EACH	_____.	_____.
0360	SPV.0060 Special 20. Pull Boxes 17-Inch X 30-Inch X 24-Inch	55.000 EACH	_____.	_____.
0362	SPV.0060 Special 21. Pull Boxes 17 Inch x 30 Inch x 18 Inch	8.000 EACH	_____.	_____.
0364	SPV.0060 Special 22. Water Tight Junction Box Splicing	95.000 EACH	_____.	_____.
0366	SPV.0060 Special 23. Luminaire Arm Single Member 6 Ft City-Furnished	128.000 EACH	_____.	_____.
0368	SPV.0060 Special 24. Remove Luminaire	47.000 EACH	_____.	_____.
0370	SPV.0060 Special 25. Luminaire Architectural LED 1	11.000 EACH	_____.	_____.
0372	SPV.0060 Special 26. Luminaire Architectural LED 2	10.000 EACH	_____.	_____.
0374	SPV.0060 Special 27. Luminaire Architectural LED 3	125.000 EACH	_____.	_____.



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Proposal ID: 20190312016 Project(s): 2060-00-76, 2110-00-72

Federal ID(s): WISC 2019158, WISC 2019160

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0376	SPV.0060 Special 28. Luminaire Historic Milwaukee Harp LED 0	14.000 EACH	_____.	_____.
0378	SPV.0060 Special 29. Luminaire Historic Milwaukee Lantern LED 2	13.000 EACH	_____.	_____.
0380	SPV.0060 Special 30. Luminaire Utility LED 0 Wallpack	2.000 EACH	_____.	_____.
0382	SPV.0060 Special 31. Concrete Bases Type 10 Special	8.000 EACH	_____.	_____.
0384	SPV.0060 Special 32. Concrete Spread Footing	1.000 EACH	_____.	_____.
0386	SPV.0060 Special 33. Pipe Connection	1.000 EACH	_____.	_____.
0388	SPV.0060 Special 34. Utility Line Opening (ULO)	38.000 EACH	_____.	_____.
0390	SPV.0060 Special 35. Salvage Microwave Detector Assembly	3.000 EACH	_____.	_____.
0392	SPV.0060 Special 36. Install Salvaged Microwave Detector Assembly	3.000 EACH	_____.	_____.
0394	SPV.0060 Special 37. Sawing Concrete-Encased Duct Package	1.000 EACH	_____.	_____.
0396	SPV.0060 Special 38. Catmint Blue Wonder	116.000 EACH	_____.	_____.
0398	SPV.0060 Special 39. Cloud Nine Switchgrass	28.000 EACH	_____.	_____.
0400	SPV.0060 Special 40. Day Lilies	48.000 EACH	_____.	_____.
0402	SPV.0060 Special 41. Dwarf Korean Lilac	24.000 EACH	_____.	_____.
0404	SPV.0060 Special 42. Signature Bed	4.000 EACH	_____.	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0406	SPV.0060 Special 43. Golden American Elderberry	6.000 EACH	_____.	_____.
0408	SPV.0060 Special 44. Hosta Sum & Substance	18.000 EACH	_____.	_____.
0410	SPV.0060 Special 45. Hydrangea "Annabelle"	20.000 EACH	_____.	_____.
0412	SPV.0060 Special 46. White Cone Flower	40.000 EACH	_____.	_____.
0414	SPV.0060 Special 47. Karl Forester Grass	72.000 EACH	_____.	_____.
0416	SPV.0060 Special 48. Rose "Knockout Red"	42.000 EACH	_____.	_____.
0418	SPV.0060 Special 49. Metal Pedestal Cabinet 4-Inch x 4-Inch x 36-Inch	3.000 EACH	_____.	_____.
0420	SPV.0060 Special 50. Adjusting CUC Manhole Covers	5.000 EACH	_____.	_____.
0422	SPV.0060 Special 51. 4' Diameter Manhole Type CUC	8.000 EACH	_____.	_____.
0424	SPV.0060 Special 52. 4' Diameter "Doghouse" Manhole Type CUC	1.000 EACH	_____.	_____.
0426	SPV.0060 Special 53. 4' Diameter "Doghouse" Manhole Type CUC, Installed over Conduit	1.000 EACH	_____.	_____.
0428	SPV.0060 Special 54. 5' Diameter "Doghouse" Manhole Type CUC	1.000 EACH	_____.	_____.
0430	SPV.0060 Special 55. 6' Diameter "Doghouse" Manhole Type CUC, Installed over Conduit	1.000 EACH	_____.	_____.
0432	SPV.0060 Special 56. Removing CUC Manhole	2.000 EACH	_____.	_____.



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Federal ID(s): WISC 2019158, WISC 2019160

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0434	SPV.0060 Special 57. Installing Conduit Into Existing Manhole	6.000 EACH	_____.	_____.
0436	SPV.0060 Special 58. Luminaire Utility LED 3	12.000 EACH	_____.	_____.
0438	SPV.0060 Special 59. Internal Sanitary Manhole Seals	24.000 EACH	_____.	_____.
0440	SPV.0090 Special 01. Storm Sewer Pipe Corrugated PVC 12-Inch	163.000 LF	_____.	_____.
0442	SPV.0090 Special 02. Construction Staking Concrete Sidewalk	12,280.000 LF	_____.	_____.
0444	SPV.0090 Special 03. Liquidight Flexible Nonmetallic Conduit 1 1/2 - Inch Type B	687.000 LF	_____.	_____.
0446	SPV.0090 Special 04. Marking Crosswalk Epoxy 12-Inch	2,101.000 LF	_____.	_____.
0448	SPV.0090 Special 05. Marking Line Epoxy 6-Inch White	12,045.000 LF	_____.	_____.
0450	SPV.0090 Special 06. Marking Stop Line Epoxy 24-Inch	468.000 LF	_____.	_____.
0452	SPV.0090 Special 07. Fieldstone Boulder Wall	160.000 LF	_____.	_____.
0454	SPV.0090 Special 08. Cable Type 3#8/1#8 LTP	2,330.000 LF	_____.	_____.
0456	SPV.0090 Special 09. Cable Type 3#6/1#8 LTP	450.000 LF	_____.	_____.
0458	SPV.0090 Special 10. Cable Type 3#4/1#8 LTP	3,850.000 LF	_____.	_____.
0460	SPV.0090 Special 11. Cable Type 3#2/1#8 LTP	12,760.000 LF	_____.	_____.



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Federal ID(s): WISC 2019158, WISC 2019160

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0462	SPV.0090 Special 12. Cable Type UF 3#12 AWG With Ground	2,800.000 LF	_____.	_____.
0464	SPV.0090 Special 13. Concrete Curb & Gutter Integral 31-Inch	529.000 LF	_____.	_____.
0466	SPV.0090 Special 14. 6-Duct Conduit, Cement Encased, 4-inch Rigid Nonmetallic Conduit DB-60	3,013.000 LF	_____.	_____.
0468	SPV.0090 Special 15. 4-Duct Conduit, Cement Encased, 4-inch Rigid Nonmetallic Conduit DB-60	2,506.000 LF	_____.	_____.
0470	SPV.0090 Special 16. 3-Duct Conduit, Cement Encased, 4-inch Rigid Nonmetallic Conduit DB-60	10.000 LF	_____.	_____.
0472	SPV.0090 Special 17. 2-Duct Conduit, Cement Encased, 4-inch Rigid Nonmetallic Conduit DB-60	370.000 LF	_____.	_____.
0474	SPV.0090 Special 18. 1-Duct Conduit, Cement Encased, 4-inch Rigid Nonmetallic Conduit DB-60	16.000 LF	_____.	_____.
0476	SPV.0090 Special 19. Temporary Pavement Marking Paint 24 Inch White	56.000 LF	_____.	_____.
0478	SPV.0090 Special 20. Temporary Pavement Marking Tape 24 Inch White	76.000 LF	_____.	_____.
0480	SPV.0105 Special 01. Remove and Reinstall EVP Equipment, Lincoln Avenue & 43rd St	LS	LUMP SUM	_____.
0482	SPV.0105 Special 02. Remove and Reinstall EVP Equipment, Lincoln Avenue & 27th St	LS	LUMP SUM	_____.
0484	SPV.0105 Special 03. Video Vehicle Detection System, Lincoln Avenue & 43rd St	LS	LUMP SUM	_____.



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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0486	SPV.0180 Special 01. Joint Sealing	62,587.000 SY	_____.	_____.
0488	SPV.0195 Special 01. Management of Solid Waste	3,217.000 TON	_____.	_____.
0490	202.0110 Roadside Clearing	85.000 SY	_____.	_____.
0492	204.0170 Removing Fence	75.000 LF	_____.	_____.
0494	608.0512 Storm Sewer Pipe Reinforced Concrete Class V 12-Inch	3,394.000 LF	_____.	_____.
<b>Section: 0001</b>			<b>Total:</b>	_____.
			<b>Total Bid:</b>	_____.