



# Wisconsin Department of Transportation

April 28, 2016

## Division of Transportation Systems Development

Bureau of Project Development  
4802 Sheboygan Avenue, Rm 601  
P O Box 7916  
Madison, WI 53707-7916

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

### NOTICE TO ALL CONTRACTORS:

**Proposal #52: 8780-00-70, WISC 2016 188**  
**CTH B - STH 77 (FH 41)**  
**Moose Lake Road to Pine Point Road**  
**CTH S**  
**Sawyer County**

### Letting of May 10, 2016

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

#### Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
205.0100	Common Excavation	CY	3478	45	3523
208.1100	Select Borrow	CY	4071	-678	3393

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
523.0424	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24X38-inch	LF	0	38	38
523.0524	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24X38-inch	EA	0	2	2

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
521.1030	Apron Endwalls for Culvert Pipe Steel 30-inch	EA	2	-2	0
530.0130	Culvert Pipe Corrugated Polyethylene 30-inch	LF	42	-42	0

**Plan Sheets**

<b>Revised Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
13	Erosion Control Sheet - Changes in right-of-way from Sta. 233+00 - 240+50 left. Changes to placement of erosion control devices left.
20	Miscellaneous Quantities - Common Excavation and Select Borrow Changes
21	Culvert Pipe Corrugated Items - Removed Culvert Pipe Corrugated Polyethylene 30-inch and Apron End Walls for Culvert Pipe Steel 30-inch. Added Culvert Pipe Reinforced Concrete Horizontal Elliptical 24X38-inch and Apron End Walls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24X38-inch
39	Plan and Profile Sheet - Changed right-of-way and slope intercepts Sta. 233+00 - 235+00 left side only.
40	Plan and Profile Sheet - Changed right-of-way and slope intercepts Sta. 235+00 - 243+00. Changed vertical profile from Sta. 234+80 - 243+00. Changed culvert pipe at Sta. 240+00.
26	R/W Plat – Revised Title Sheet 4.1
27	R/W Plat – Revised Schedule of Lands & Interests Sheet 4.2
28	R/W Plat – Revised Plat Sheet 4.3
89	Earthwork Sheet - Totals for Cut Raw Volume, Fill Raw Volume, (Adjusted) Fill Raw Volume x 1.25, Mass Ordinate changes.
91 – 94	Cross Section Sheets - Added Comment, "Right-of-way is based off an assumed 66' ROW"
100	Cross Section Sheets - Sta. 233+00, Changed left slope intercept.
101	Cross Section Sheets - Sta. 233+50 - 234+50, Changed left slope intercept, left right-of-way.
102	Cross Section Sheet - Sta. 235+00 - 236+00, Changed vertical profile, left right-of-way.
103	Cross Section Sheet - Sta. 236+50 - 237+50. Changed vertical profile, left slope intercept, left right-of-way.
104	Cross Section Sheet - Sta. 238+00 - 239+00. Changed vertical profile, left slope intercept, left right-of-way.
105	Cross Section Sheet - Sta. 239+50 - 240+50. Changed vertical profile, left slope intercept, left right-of-way, and right ditch. Added comment, "Right-of-way is based off an assumed 66' ROW". Changed culvert pipe from Polyethylene 30-inch with apron end walls to Reinforced Concrete Horizontal elliptical Class HE-IV 24X38-inch with apron end walls.
106	Cross Section Sheet - Sta. 241+00 - 242+50. Changed vertical profile, left slope intercept, left right-of-way, and right ditch. Added comment, "Right-of-way is based off an assumed 66' ROW".
107	Cross Section Sheet - Sta. 243+00. Added Comment, "Right-of-way is based off an assumed 66' ROW".

<b>Added Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
46A	SDD – Apron Endwalls for Pipe Arch and Elliptical Pipe

<b>Deleted Plan Sheets</b>	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
29	R/W Plat Sheet 4.4

**Schedule of Items**

Attached, dated April 28, 2016, are the revised Schedule of Items Pages 1 – 8.

**Plan Sheets**

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

Revised: 13, 20, 21, 26 – 28, 39, 40, 89, 91 – 94, 100 - 107

Added: 46A.

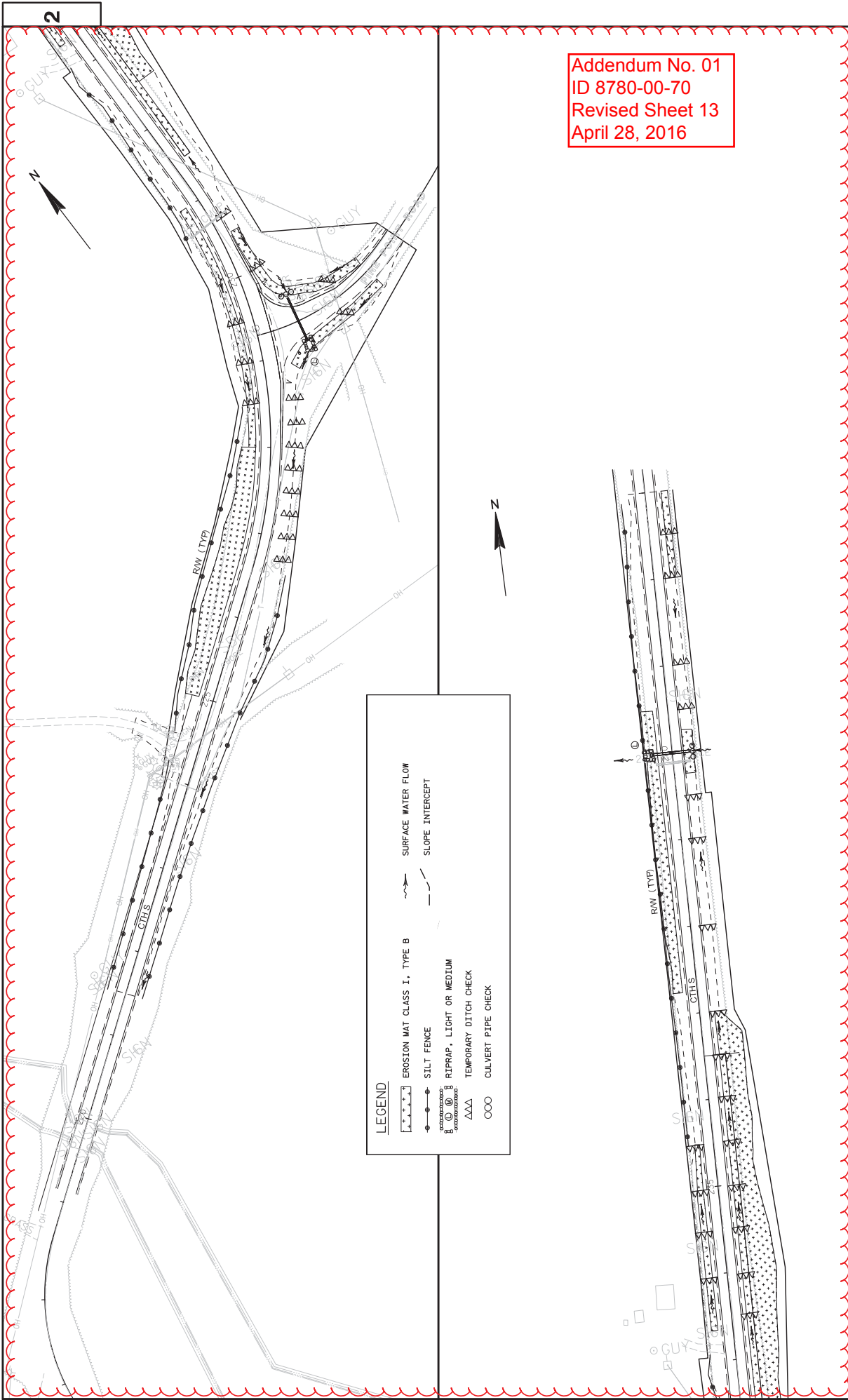
The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

*Mike Coleman*

Proposal Development Specialist  
Proposal Management Section

END OF ADDENDUM



Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 13  
 April 28, 2016

LEGEND	
[Symbol: Dotted area with dashed line]	EROSION MAT CLASS I, TYPE B
[Symbol: Dotted area with solid line]	SILT FENCE
[Symbol: Dotted area with diagonal lines]	RIPPRAP, LIGHT OR MEDIUM
[Symbol: Dotted area with horizontal lines]	TEMPORARY DITCH CHECK
[Symbol: Dotted area with vertical lines]	CULVERT PIPE CHECK
[Symbol: Dashed line with arrow]	SURFACE WATER FLOW
[Symbol: Dashed line]	SLOPE INTERCEPT

Division	From/To Station	Location	205.0100 Common Excavation (1)		Salvaged / Unusable Pavement Material (4)	Available Material (5)	205.0500 Marsh Excavation (6)	Reduced Marsh in Fill (8)		Expanded EBS Backfill (11)		Unexpanded Fill		Expanded Fill		Mass Ordinate +/- (14)	Comment:
			Cut (2)	EBS (3)				Factor	in Fill (9)	Factor	Backfill (10)	Factor	Backfill (11)	Factor	Fill		
CATEGORY 0010	173+00 - 174+00	CTHS	15	0	0	15	0	0	0	0	0	0	0	0	0	0	15 Pipe Replacement Ditching
	221+50 - 244+00	CTHS	3,363	0	0	3363	0	0	0	0	0	5508	6885	0	6885	-3522	
	10+50 - 12+50	PINE POINT ROAD	145	0	0	145	0	0	0	0	0	25	31	0	31	114	
PROJECT TOTALS			3523	0	0	3523	0	0	0	0	0	5533	6916	0	6916	-3393	

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 Select Borrow material. Note: this is designers choice, can be backfilled with Borrow, or Cut as well.  
 4) Salvaged/Unusable Pavement Material  
 5) Available Material = Cut - Salvaged/Unusable Pavement Material  
 6) Marsh Excavation - to be backfilled with Select Borrow Material. Note: this is designers choice, can be backfilled with Borrow, or Cut as well. Item number 205:0500  
 7) Rock Excavation Item number 205:0200  
 8) Reduced Marsh in Fill - Excavated Marsh material is usable in Fills outside the 1:1 slope. Marsh in Fill Reduction factor = 0.6  
 9) Reduced EBS in Fill - Excavated EBS material is usable in Fills outside the 1:1 slope. EBS in Fill Reduction factor = 0.8  
 10) Expanded Marsh Backfill - This is to be filled with Select Borrow material. Marsh Backfill Factor = 1.5. Item number 208.1100

11) Expanded EBS Backfill - This is to be filled with Select Borrow material. EBS Backfill Factor = 1.3. Item number 208.1100  
 12) Expanded Rock - Factor = 1.1.  
 13) Expanded Fill. Factor = 1.25  
 Depending on selections:  
 Or  
 Or  
 14) 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 within the Division.

**EXCAVATING HAULING AND PLACING EXCESS MATERIAL**

STA.	STA	LOCATION	COMMENTS
195+00	- 198+00	CTHS	PULVERIZED MATERIAL TO BE USED AS FILL BETWEEN STA. 172+00 - 175+00.
PROJECT TOTAL			100

**SELECT BORROW**

STATION	STATION	LOCATION	CY
221+50	- 244+00	CTHS	3393
PROJECT TOTAL			3393

Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 20  
 April 28, 2016

Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 21  
 April 28, 2016

**HMA PAVEMENT ITEMS**

STATION	STATION	LOCATION	GAL	TON	TON	TON
101+50.0	- 218+97.0	CTHS	1436	2814	2814	-
218+82.5	- 219+13.0	CTHS	4	8	8	-
219+13.0	- 220+47.0	CTHS	16	16	16	-
220+47.0	- 221+50.0	CTHS	13	13	13	-
221+50.0	- 243+00.0	CTHS	263	515	515	-
-	-	MOOSE LAKE RD (WEST)	10	20	20	-
-	-	MOOSE LAKE RD (EAST)	10	20	20	-
10+11	- 12+00	PINE POINT RD	29	58	58	-
-	-	MOOSE LAKE RD (E) RT SHLD	-	-	-	27
-	-	ENTRANCES	-	-	-	85
PROJECT TOTALS			1781	3464	3464	112

**LANDSCAPING ITEMS**

STATION	STATION	LOCATION	SY	CVT	NO. 20	IB	IB	PIT
158+50	- 159+50	CTHS, LT & RT	25	0.1	1	1	-	-
172+00	- 175+00	CTHS, LT & RT	667	0.5	20	10	-	-
221+50	- 243+00	CTHS, LT	3155	2.7	117	59	-	-
221+50	- 243+00	CTHS, RT	2885	3.1	133	66	-	-
10+50	- 12+00	PINE POINT RD LT	121	0.1	6	3	-	-
10+50	- 12+00	PINE POINT RD RT	212	0.2	8	4	-	-
-	-	BORROW SITES	-	1690	3.4	36	71	-
-	-	UNDISTRIBUTED	790	845	1.1	29	18	8
PROJECT TOTALS			8686	9293	11.2	314	197	79

**CULVERT PIPE CORRUGATED ITEMS**

STATION	LOCATION	LF	LF
521.1018	530.0118	530.0124	530.0124
-	-	CULVERT PIPE	CULVERT PIPE
-	-	CORRUGATED	CORRUGATED
-	-	POLYETHYLENE	POLYETHYLENE
-	-	18-INCH	24-INCH
-	-	STEEL	STEEL
159+02	CTHS	2	52
10+50	PINE POINT RD	2	52
PROJECT TOTALS		2	52

**CULVERT PIPE REINFORCED CONCRETE**

STATION	LOCATION	LF	EACH
522.1012	522.1012	2	2
-	-	CULVERT PIPE REINFORCED	APRON ENDWALLS FOR CULVERT PIPE
-	-	CONCRETE	CL IV 12-INCH REINFORCED CONCRETE 12-INCH
173+50	CTHS	26	2
PROJECT TOTALS		26	2

**CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL**

STATION	LOCATION	LF	EACH
523.0424	523.0524	523.0524	523.0524
-	-	CULVERT PIPE REINFORCED	APRON ENDWALLS FOR CULVERT PIPE
-	-	CONCRETE	HORIZONTAL ELLIPTICAL REINFORCED CONCRETE HORIZONTAL
-	-	CLASS	HE IV 24X38-INCH ELLIPTICAL 24X38-INCH
240+00	CTHS	38	2
240+00	CTHS	38	2
PROJECT TOTALS		38	2

**PREPARE FOUNDATION**

LOCATION	RT	STA
MOOSE LAKE RD E SHLD	RT	2
PROJECT TOTAL		

**EROSION MAT**

STATION	STATION	LOCATION	SY
158+00	- 159+00	CTHS	750
228+00	- 228+00	CTHS	270
231+50	- 231+50	CTHS	1420
237+25	- 240+50	CTHS	690
239+75	- 240+25	CTHS	145
242+00	- 243+00	CTHS	90
10+25	- 11+50	PINE POINT RD	160
10+25	- 11+50	PINE POINT RD	210
-	-	UNDISTRIBUTED	565
PROJECT TOTAL			4325

**MOBILIZATION**

STATION	LOCATION	EACH	
619.1000	619.1000	1	
-	-	MOBILIZATION	
101+50.00	- 243+00.00	CTHS	1
PROJECT TOTAL		1	

**RIPRAP ITEMS**

STATION	LOCATION	LT	SY
606.0100	645.0130	645.0130	645.0130
-	-	RIPRAP	GEOTEXTILE
-	-	LIGHT	FABRIC
-	-	240+00	CTHS
-	-	10+50	PINE POINT RD
PROJECT TOTALS		13	44

**EROSION BALES**

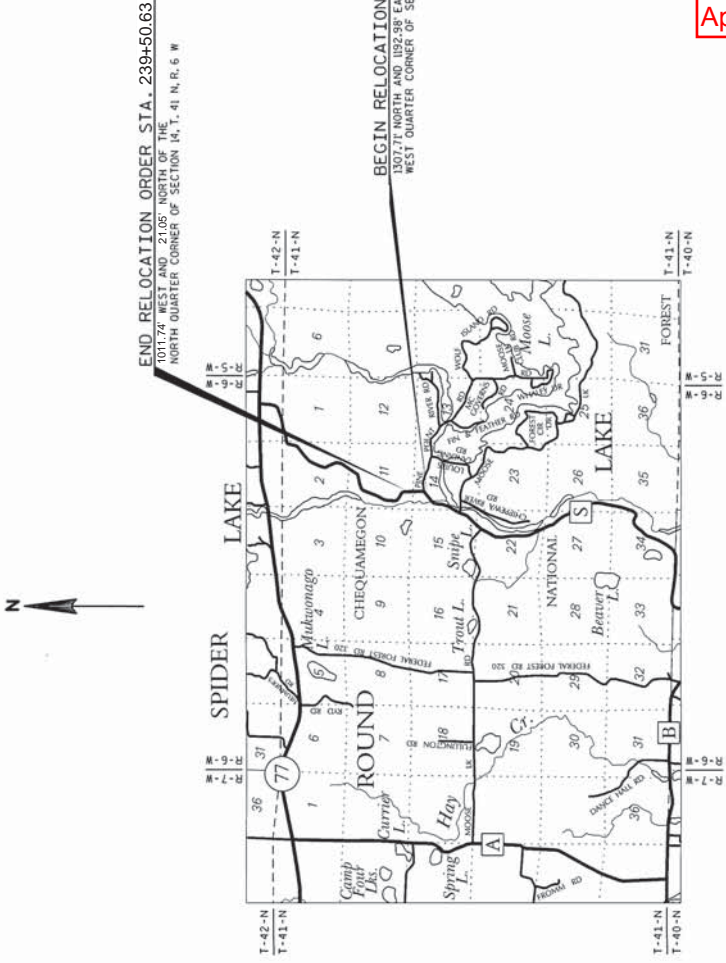
STATION	LOCATION	EACH	
628.1104	628.1104	20	
-	-	EROSION BALES	
-	-	UNDISTRIBUTED	
101+50	- 243+00	CTHS	20
PROJECT TOTAL		20	

**WATER**

STATION	STATION	MGAL
624.0100	624.0100	314
-	-	WATER
-	-	UNDISTRIBUTED
101+50	- 219+13	86
221+50	- 243+00	48
101+50	- 243+00	130
101+50	- 243+00	50
PROJECT TOTAL		314



R/W PROJECT NUMBER 8780-00-00	SHEET NUMBER 4.1	TOTAL SHEETS 3
FEDERAL PROJECT NUMBER	PLAT OF RIGHT OF WAY REQUIRED FOR CTH B - STH 77 (FH 41) MOOSE LAKE ROAD TO STH 77	
CONSTRUCTION PROJECT NUMBER 8780-00-70		
SAWYER CO.		



APPROVED FOR SAWYER COUNTY HIGHWAY DEPARTMENT

12/17/15  
1564  
TERRY CONIGSONER

ORIGINAL PLAT PREPARED BY

WISCONSIN LAND SURVEYOR  
ROY E. WILLIAMS  
S-1954  
SOUTH RANGE  
WI

11/18/2015  
Date

26  
Signature

Addendum No. 01  
ID 8780-00-70  
Revised Sheet 26  
April 28, 2016

REVISION DATE  
3-15-2016  
3-24-2016

TOTAL NET LENGTH OF CENTERLINE = 0.284 MI.

- CONVENTIONAL ABBREVIATIONS**
- AP REFERENCE LINE
  - AR RIGHT-OF-WAY
  - AC ACCESS RIGHTS
  - AL ALIEN
  - CL CENTERLINE
  - CSM CERTIFIED SURVEY MAP
  - COR CORNER
  - DOC DOCUMENT
  - EXC EXCAVATION
  - H.E. HIGHWAY EASEMENT
  - MON MONUMENT
  - P. PERMANENT LIMITED EASEMENT
  - PL. PROPERTY LINE
  - RECORDED AS 10000
  - LC LONG CHORD
  - LCB LONG CHORD BEARING
  - MON MONUMENT
  - R. RADIUS
  - D. DEGREE OF CURVE
  - DELTA CENTRAL ANGLE OR DELTA
  - L LENGTH OF CURVE
  - T TANGENT
- CONVENTIONAL SYMBOLS**
- PROPOSED R/W LINE
  - PROPOSED PROPERTY LINE
  - 4-5E/11 LOT & TIE LINES
  - IRON SLOPE INTERCEPTS
  - ACCESS RESTRICTION
  - ADJ. PREVIOUS ADMINISTRATION CONTROL
  - ADJ. ACQUISITION
  - NO ACCESS
  - NO. ACCESS
  - SECTION LINE
  - QUARTER LINE
  - SIXTEENTH LINE
  - PROPOSED RESIDENCE LINE
  - PARALLEL OFFSET
  - BUILDING
- CONVENTIONAL UTILITY SYMBOLS**
- WATER
  - TELEPHONE
  - OVERHEAD
  - UNDERGROUND
  - TELEVISION LINES
  - CABLE TELEVISION
  - FIBER OPTIC
  - SANITARY SEWER
  - STORM SEWER
  - POWER POLE
  - TELEPHONE POLE
  - TELEPHONE FEEDSTAL
  - ELECTRIC TOWER
  - COMPENSABLE COMPENSABLE
  - NON

**NOTES:**

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, SAWYER COUNTY, NAD 1983 (1991) IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT-OF-WAY MONUMENTS ARE TYPE 2 MONUMENTS (3/4-INCH x 24-INCH REBARS), AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS OF PUBLIC RECORD".

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT SAWYER COUNTY HIGHWAY COMMISSIONER.

# SCHEDULE OF LANDS & INTERESTS REQUIRED

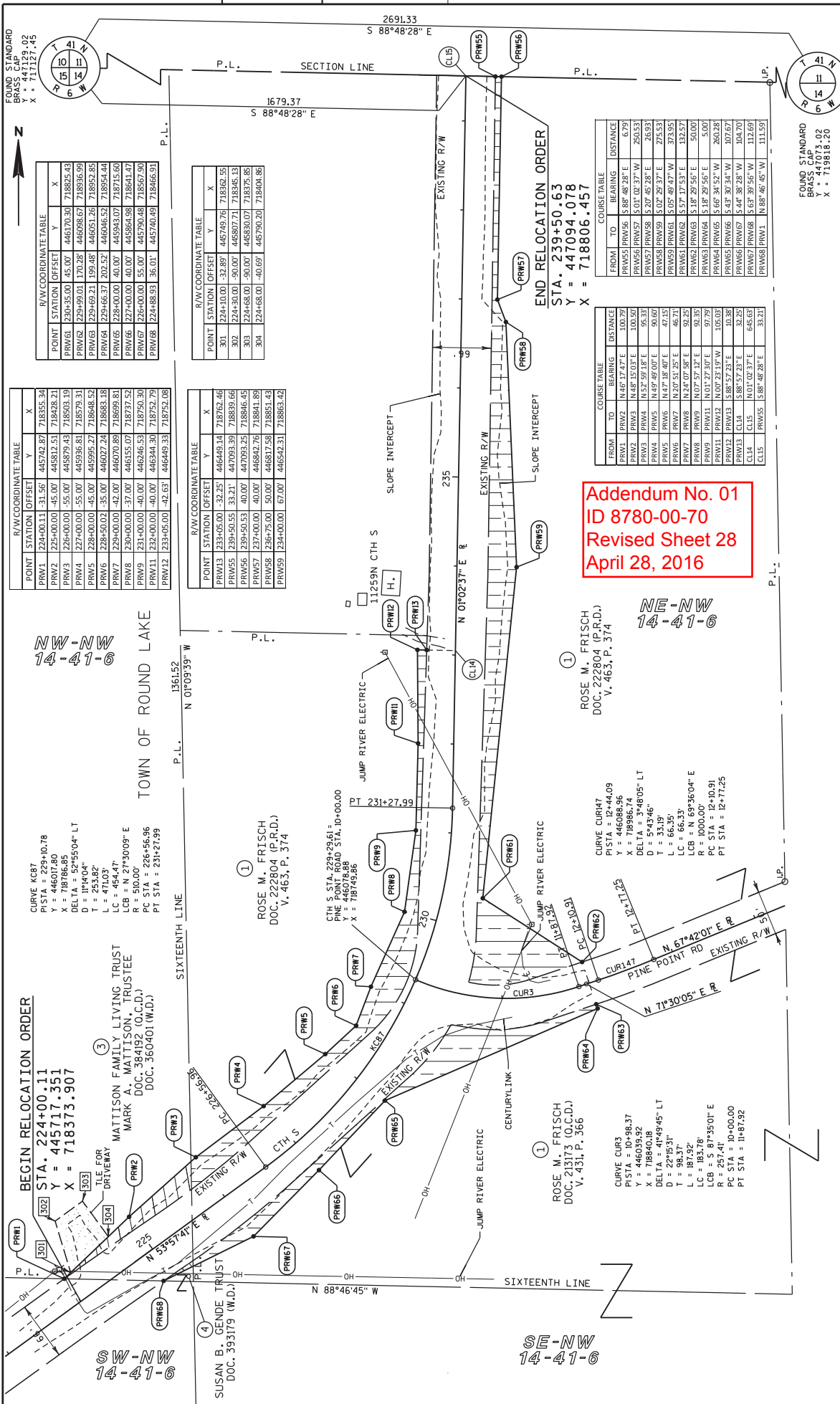
OWNERS' NAMES ARE SHOWN FOR REFERENCE  
 PURPOSED ONLY AND ARE SUBJECT TO CHANGE  
 PRIOR TO THE TRANSFER OF LAND INTERESTS  
 TO THE DEPARTMENT.

PARCEL NUMBER	SHEET NUMBER	OWNER(S)	INTEREST REQUIRED	TOTAL ACRES OR (S.F.)	NEW	R/W ACRES REQUIRED OR (S.F.) EXISTING	TOTAL	TOTAL ACRES OR (S.F.) REMAINING	TLR ACRES OR (S.F.)
1	4.3	ROSE M. FRISCH (DOC. 222804)	FEE	6.07	0.78	N/A	0.78	5.29	-
1	4.3	ROSE M. FRISCH (DOC. 213173)	FEE	9.88	0.18	N/A	0.18	9.70	-
3	4.3	MATTISON FAMILY LIVING TRUST	FEE, TLE	39.89	0.06	N/A	0.06	39.83	0.06
4	4.3	SUSAN B. GENDE TRUST	FEE	0.40	0.01	N/A	0.01	0.39	-

Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 27  
 April 28, 2016

REVISION DATE 3-15-2016	DATE 11-18-2015	SCALE, FEET 0 N/A	HWY: CTH S	STATE R/W PROJECT NUMBER 8780-00-00	PLAT SHEET 4.2
3-24-2016			COUNTY: SAWYER	CONSTRUCTION PROJECT NUMBER 8780-00-70	PS&E SHEET 27
FILE NAME : des\lgn7\file\...				PLAT SCALE : \$	E





**R/W COORDINATE TABLE**

POINT	STATION	OFFSET	Y	X
PRW1	224+00.00	-31.56	445742.87	718355.34
PRW2	225+00.00	-45.00	445812.51	718428.21
PRW3	226+00.00	-55.00	445879.43	718503.19
PRW4	227+00.00	-55.00	445936.43	718579.31
PRW5	228+00.00	-45.00	445995.27	718648.52
PRW6	229+00.00	-45.00	446072.24	718693.18
PRW7	230+00.00	-37.00	446155.07	718737.52
PRW8	231+00.00	-40.00	446246.53	718795.30
PRW9	232+00.00	-40.00	446344.30	718854.29
PRW10	233+00.00	-42.63	446449.33	718922.08

**R/W COORDINATE TABLE**

POINT	STATION	OFFSET	Y	X
PRW11	224+00.00	-31.56	445742.87	718355.34
PRW12	225+00.00	-45.00	445812.51	718428.21
PRW13	226+00.00	-55.00	445879.43	718503.19
PRW14	227+00.00	-55.00	445936.43	718579.31
PRW15	228+00.00	-45.00	445995.27	718648.52
PRW16	229+00.00	-45.00	446072.24	718693.18
PRW17	230+00.00	-37.00	446155.07	718737.52
PRW18	231+00.00	-40.00	446246.53	718795.30
PRW19	232+00.00	-40.00	446344.30	718854.29
PRW20	233+00.00	-42.63	446449.33	718922.08

**R/W COORDINATE TABLE**

POINT	STATION	OFFSET	Y	X
PRW21	224+10.00	-32.89	445749.76	718362.55
PRW22	224+30.00	-50.00	445807.71	718345.13
PRW23	224+68.00	-50.00	445830.07	718375.85
PRW24	224+68.00	-40.69	445790.20	718404.86

**R/W COORDINATE TABLE**

POINT	STATION	OFFSET	Y	X
PRW25	233+05.00	-32.25	446449.14	718762.46
PRW26	239+50.53	33.21	447093.39	718839.66
PRW27	239+50.53	40.00	447093.25	718846.45
PRW28	237+00.00	40.00	446942.76	718844.89
PRW29	236+75.00	50.00	446817.58	718851.43
PRW30	234+00.00	67.00	446542.31	718863.42

**NW-NW  
14-41-6**

**BEGIN RELOCATION ORDER**  
STA. 224+00.11  
Y = 445717.351  
X = 718373.907

**SW-NW  
14-41-6**

**TOWN OF ROUND LAKE**

**ROSE M. FRISCH**  
DOC. 222804 (P.R.D.)  
V. 463, P. 374

**MATTISON FAMILY LIVING TRUST**  
MARK A. MATTISON, TRUSTEE  
DOC. 384192 (O.C.D.)  
DOC. 360401 (M.D.)

**SUSAN B. GENDE TRUST**  
DOC. 393179 (M.D.)

**SE-NW  
14-41-6**

**NE-NW  
14-41-6**

**ROSE M. FRISCH**  
DOC. 222804 (P.R.D.)  
V. 463, P. 374

**ROSE M. FRISCH**  
DOC. 23173 (O.C.D.)  
V. 431, P. 366

**ROSE M. FRISCH**  
DOC. 222804 (P.R.D.)  
V. 463, P. 374

**END RELOCATION ORDER**  
STA. 239+50.63  
Y = 447094.078  
X = 718806.457

**PLATE NUMBER 8780-00-00**

**CONSTRUCTION PROJECT NUMBER 8780-00-70**

**STATE R/W PROJECT NUMBER 8780-00-00**

**PLAT SHEET 4.3**

**PS&E SHEET 28**

**DATE 11-18-2015**

**REVISION DATE 3-15-2016**

**3-24-2016**

**Hwy: CTH S**

**County: Sawyer**

**Scale: 1" = 100'**

**Plot Date: 11-18-2015**

**Plot Name: des.lgn716**

**Plot Scale: 1" = 100'**

**Plot By: des.lgn716**

**Plot Sheet: 28**

**Project Name: WISDOT/CADDS SHEET 70**

**COURSE TABLE**

FROM	TO	BEARING	DISTANCE
PRW55	PRW56	S 88° 48' 28" E	6.79
PRW56	PRW57	S 01° 02' 37" W	250.53
PRW57	PRW58	S 20° 45' 28" E	26.93
PRW58	PRW59	S 02° 29' 37" E	275.53
PRW59	PRW60	S 05° 49' 47" W	373.95
PRW60	PRW61	S 57° 17' 53" E	132.57
PRW61	PRW62	S 18° 29' 56" E	50.00
PRW62	PRW63	S 18° 29' 56" E	5.00
PRW63	PRW64	S 66° 34' 52" W	260.28
PRW64	PRW65	S 43° 34' 34" W	307.67
PRW65	PRW66	S 44° 38' 28" W	104.70
PRW66	PRW67	S 63° 39' 56" W	112.69
PRW67	PRW68	N 88° 46' 45" W	111.59

**COURSE TABLE**

FROM	TO	BEARING	DISTANCE
PRW01	PRW02	N 46° 17' 47" E	100.79
PRW02	PRW03	N 48° 15' 03" E	100.50
PRW03	PRW04	N 32° 49' 03" E	95.33
PRW04	PRW05	N 47° 18' 40" E	47.15
PRW05	PRW06	N 47° 18' 40" E	47.15
PRW06	PRW07	N 20° 51' 25" E	46.23
PRW07	PRW08	N 42° 07' 58" E	92.25
PRW08	PRW09	N 07° 57' 12" E	92.35
PRW09	PRW10	N 01° 27' 30" E	97.79
PRW10	PRW11	N 00° 23' 19" W	105.03
PRW11	PRW12	N 00° 23' 19" W	105.03
PRW12	CL18	S 88° 57' 23" E	10.38
PRW13	CL18	S 88° 57' 23" E	32.25
CL14	CL15	N 01° 02' 37" E	645.63
PRW55	PRW56	S 88° 48' 28" E	33.21

**FOUND STANDARD BRASS CAP**  
Y = 447073.02  
X = 711918.20

**FOUND STANDARD BRASS CAP**  
Y = 447073.02  
X = 711918.20

**PLATE NUMBER 8780-00-00**

**CONSTRUCTION PROJECT NUMBER 8780-00-70**

**STATE R/W PROJECT NUMBER 8780-00-00**

**PLAT SHEET 4.3**

**PS&E SHEET 28**

**DATE 11-18-2015**

**REVISION DATE 3-15-2016**

**3-24-2016**

**Hwy: CTH S**

**County: Sawyer**

**Scale: 1" = 100'**

**Plot Date: 11-18-2015**

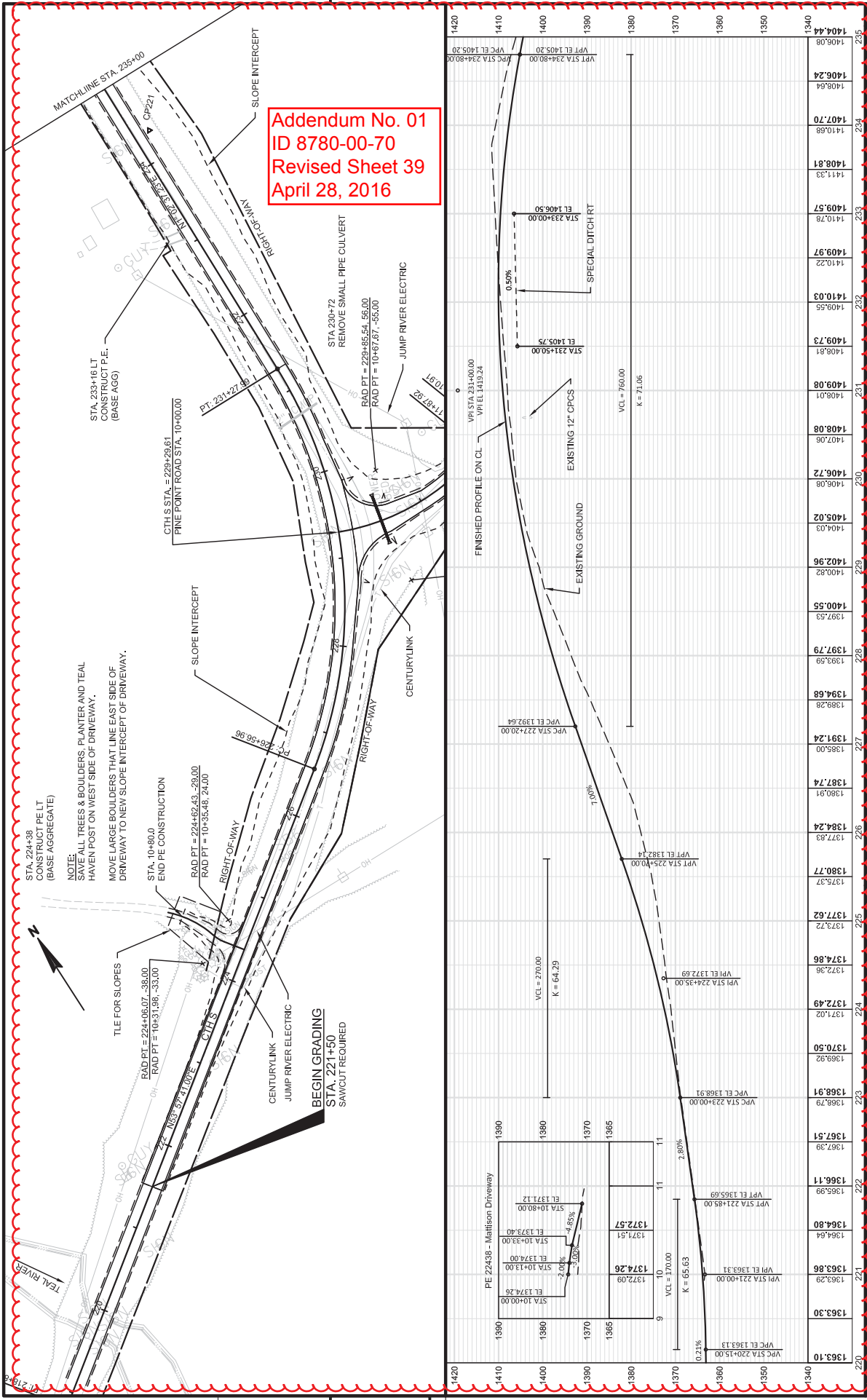
**Plot Name: des.lgn716**

**Plot Scale: 1" = 100'**

**Plot By: des.lgn716**

**Plot Sheet: 28**

**Project Name: WISDOT/CADDS SHEET 70**



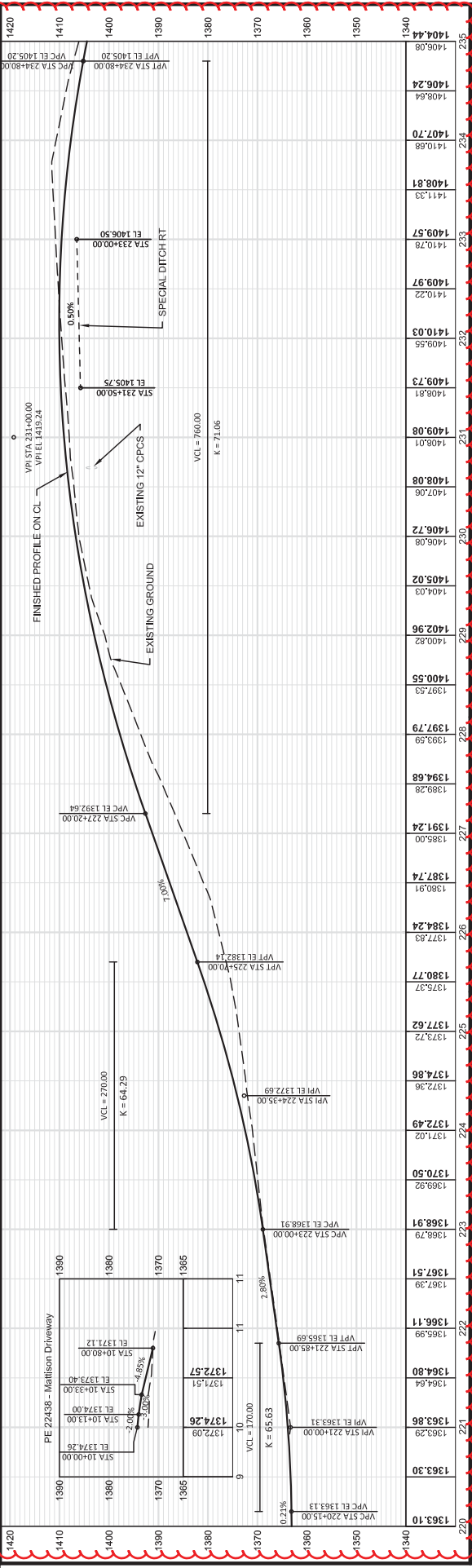
**Addendum No. 01  
ID 8780-00-70  
Revised Sheet 39  
April 28, 2016**

**NOTE:**  
MOVE LARGE Boulders THAT LINE EAST SIDE OF DRIVEWAY TO NEW SLOPE INTERCEPT OF DRIVEWAY.

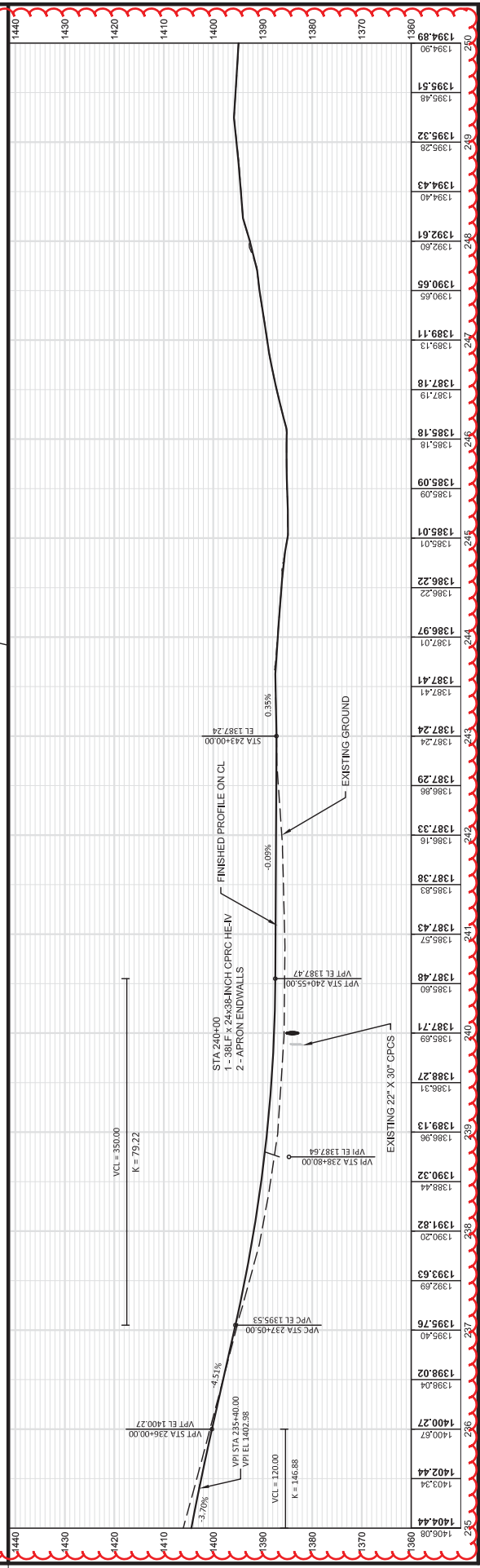
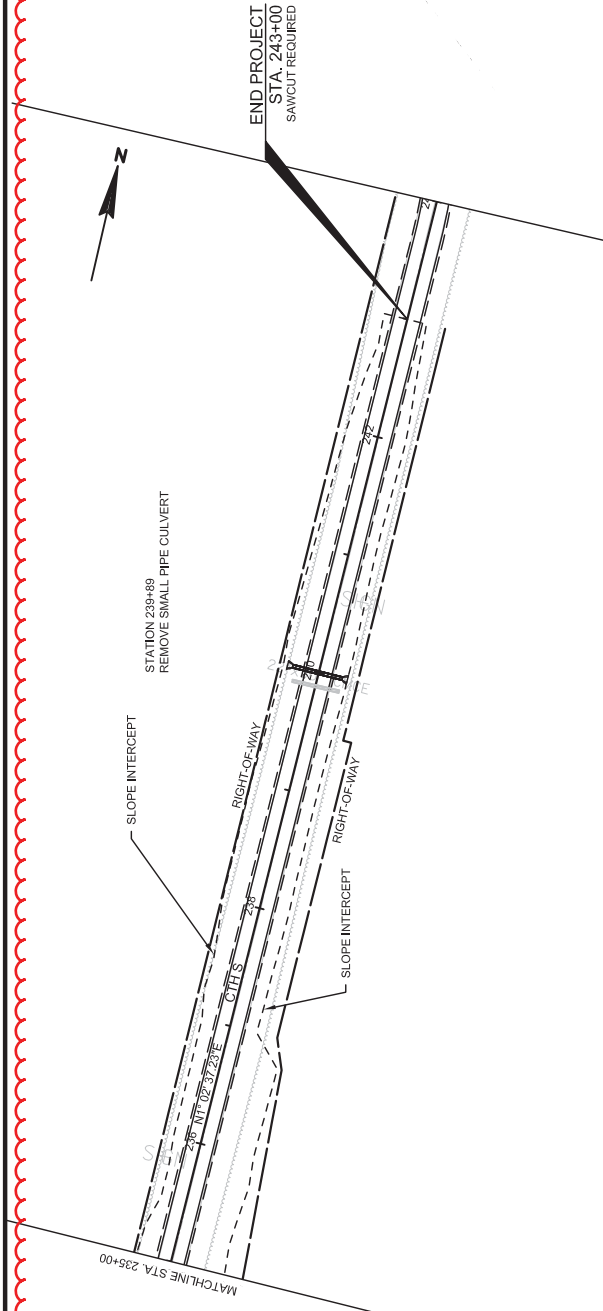
STA. 224+38  
CONSTRUCT PELT  
(BASE AGGREGATE)

STA. 10+80.00  
END PE CONSTRUCTION

**BEGIN GRADING  
STA. 221+50  
SAWCUT REQUIRED**



Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 40  
 April 28, 2016



Station	Elevation
1404.44	1404.08
1403.34	1400.87
1402.44	1400.27
1391.82	1395.40
1391.82	1395.76
1390.20	1392.69
1390.20	1393.63
1389.13	1389.13
1389.13	1386.31
1388.27	1388.27
1388.27	1385.69
1387.71	1385.69
1387.71	1385.60
1387.48	1385.60
1387.48	1385.27
1387.43	1385.27
1387.43	1385.83
1387.38	1385.83
1387.38	1386.16
1387.33	1386.16
1387.29	1386.86
1387.29	1387.24
1387.24	1387.24
1387.24	1387.41
1387.41	1387.41
1387.41	1387.01
1386.97	1386.97
1386.97	1386.22
1386.22	1385.01
1385.01	1385.01
1385.01	1385.09
1385.09	1385.18
1385.18	1385.18
1385.18	1387.18
1387.18	1389.13
1389.11	1389.11
1389.11	1390.65
1390.65	1392.60
1392.60	1392.60
1392.60	1392.61
1392.61	1394.40
1394.43	1394.43
1394.43	1395.28
1395.28	1395.32
1395.32	1395.48
1395.48	1394.90
1394.89	1394.89

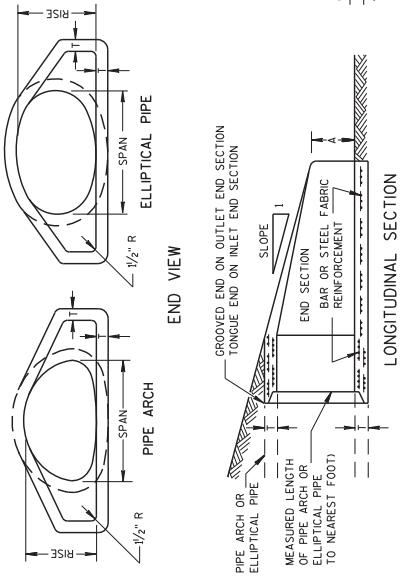
SHEET 40

PLAN AND PROFILE: CTH S

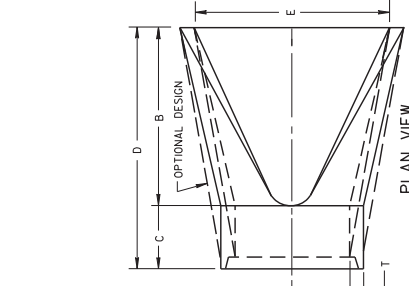
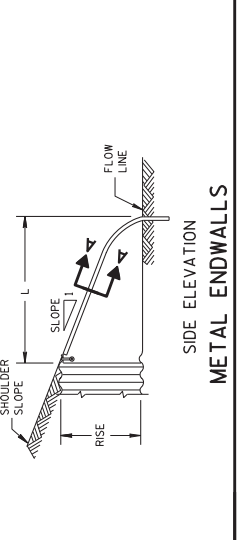
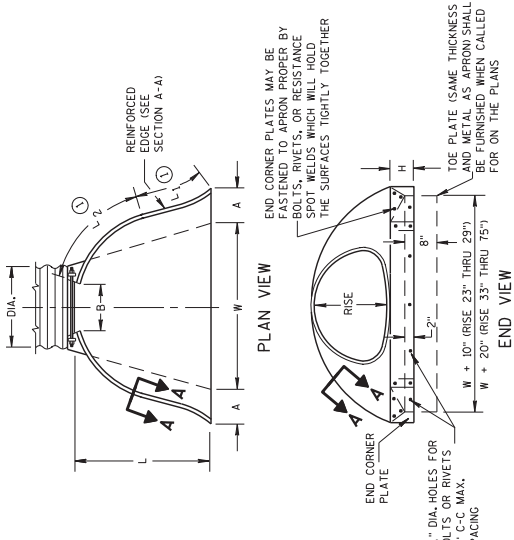
COUNTY: SAWYER

HWY: CTH S

PROJECT NO: 8780-00-70



**CONCRETE ENDWALLS**



**2- 2 1/2" x 1/2" CORRUGATIONS**

EQUIV. DIA. (inches)	SPAN (inches)	RISE (inches)	DIMENSIONS (inches)						APPROX. SLOPE (±2°)			
			A	B	H	L	L1	L2				
15	17	13	.064	.060	7	9	6	19	14	16	30	2 1/2 TO 1 1/2 PC.
18	21	15	.064	.060	8	10	6	23	14	19 1/2	36	2 1/2 TO 1 1/2 PC.
21	24	18	.064	.060	8	12	6	28	18	21 1/2	42	2 1/2 TO 1 1/2 PC.
24	28	20	.064	.060	9	14	6	32	18	27 1/2	60	2 1/2 TO 1 1/2 PC.
30	35	24	.079	.075	10	16	6	39	18	37 1/2	60	2 1/2 TO 1 1/2 PC.
36	42	29	.079	.075	13	21	8	46	24	45 1/2	85	2 1/2 TO 1 1/2 PC.
42	49	33	.109	.105	18	26	12	63	24	68	90	2 1/2 TO 1 1/2 PC.
48	57	38	.109	.105	18	30	12	70	24	72 1/2	102	2 1/2 TO 1 1/2 PC.
54	64	43	.109	.105	18	33	12	77	30	82 1/2	114	2 1/2 TO 1 1/2 PC.
60	71	47	.109	.105	18	36	12	84	30	90	126	2 TO 1 1/2 PC.
66	77	52	.109	.105	18	39	12	91	30	99	138	2 TO 1 1/2 PC.
72	83	57	.109	.105	18	39	12	99	30	108	150	2 TO 1 1/2 PC.

**3" x 1" CORRUGATIONS**

EQUIV. DIA. (inches)	SPAN (inches)	RISE (inches)	DIMENSIONS (inches)						APPROX. SLOPE (±2°)			
			A	B	H	L	L1	L2				
48	53	41	.109	.105	18	26	12	63	24	72 1/2	90	2 1/2 TO 1 1/2 PC.
54	60	46	.109	.105	18	30	12	70	30	82 1/2	102	2 TO 1 1/2 PC.
60	66	51	.109	.105	18	33	12	77	30	90	114	1 1/2 TO 1 1/2 PC.
66	73	55	.109	.105	18	36	12	84	30	99	126	1 1/2 TO 1 1/2 PC.
72	81	59	.109	.105	18	39	12	91	30	108	138	2 TO 1 1/2 PC.
78	87	63	.109	.105	22	38	12	99	30	117	148	1 1/2 TO 1 1/2 PC.
84	95	67	.109	.105	22	38	12	107	30	126	162	1 1/2 TO 1 1/2 PC.
90	103	71	.109	.105	22	38	12	115	30	135	174	1 1/2 TO 1 1/2 PC.
96	112	75	.109	.105	24	40	12	123	30	144	186	1 1/2 TO 1 1/2 PC.

NOTE: ALL SPLICES TO BE LAP RIVETED OR BOLTED. \* EXCEPT CENTER PANEL SEE GENERAL NOTES

**REINFORCED CONCRETE PIPE ARCH**

EQUIV. DIA. (inches)	SPAN (inches)	RISE (inches)	DIMENSIONS (inches)						APPROX. SLOPE		
			T	A	B	C	D	E			
24	29	18	3	8 1/2	39	33	72	48	3	10	1
30	36	22	3 1/2	9 1/2	50	46	96	60	3	10	1
36	44	27	4	10 1/2	60	56	120	72	3	10	1
42	51	31	4 1/2	11 1/2	70	66	144	84	3	10	1
48	58	36	5	12 1/2	80	76	168	96	3	10	1
54	65	40	5 1/2	13 1/2	90	86	192	108	3	10	1
60	73	45	6	14 1/2	100	96	216	120	3	10	1
72	88	52	7	16 1/2	120	116	252	144	2	10	1
84	102	62	8	18 1/2	144	136	306	172	2	10	1

**REINFORCED CONCRETE ELLIPTICAL PIPE**

EQUIV. DIA. (inches)	SPAN (inches)	RISE (inches)	DIMENSIONS (inches)						APPROX. SLOPE		
			T	A	B	C	D	E			
24	30	19	3 1/2	8 1/2	39	33	72	48	3	10	1
30	38	24	4 1/2	9 1/2	54	48	108	72	3	10	1
36	45	29	4 1/2	10 1/2	60	54	126	84	2	10	1
42	53	34	5	11 1/2	70	60	144	96	2	10	1
48	60	38	5 1/2	12 1/2	80	66	162	108	2	10	1
54	68	43	6	13 1/2	90	72	180	120	2	10	1
60	76	48	6 1/2	14 1/2	100	78	200	132	2	10	1

\*\*NOMINAL SIZE

**GENERAL NOTES**

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

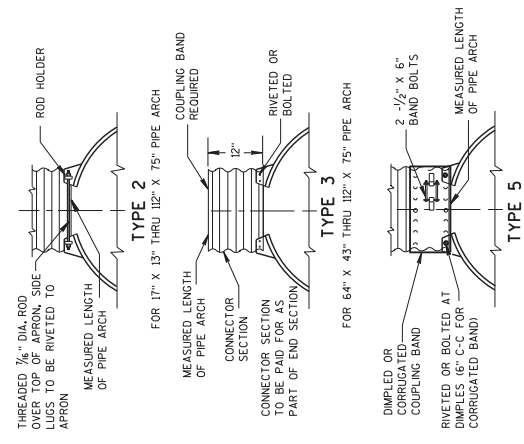
CONCRETE APRON ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CURVE PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM APRON ENDWALLS SHALL NORMALLY BE INSTALLED ON CURVE PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.09" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.045" SIDES AND 0.138" CENTER PANELS. THE WIDTH OF THE CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE ARCH PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 77" X 52" THROUGH 112" X 75" APRON ENDWALL SIZES, THE ENDWALLS SHALL BE REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STEEL REINFORCING ANGLES WHICH SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PILES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

Ⓞ FOR PIPE ARCH SIZES UP TO 73" X 55" A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.



**CONNECTION DETAILS**

NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL.

**SECTION A-A**

ALTERNATE FOR: ALL SIZES CORRUGATED PIPE ARCHES

Addendum No. 01  
ID 8780-00-70  
Added Sheet 46A  
April 28, 2016

**APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE**

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION

APPROVED: /s/ Roy X. L. Rinesmith  
DATE: 11/20/94  
PHWA  
CHIEF ROADWAY DEVELOPMENT ENGINEER

Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 89  
 April 28, 2016

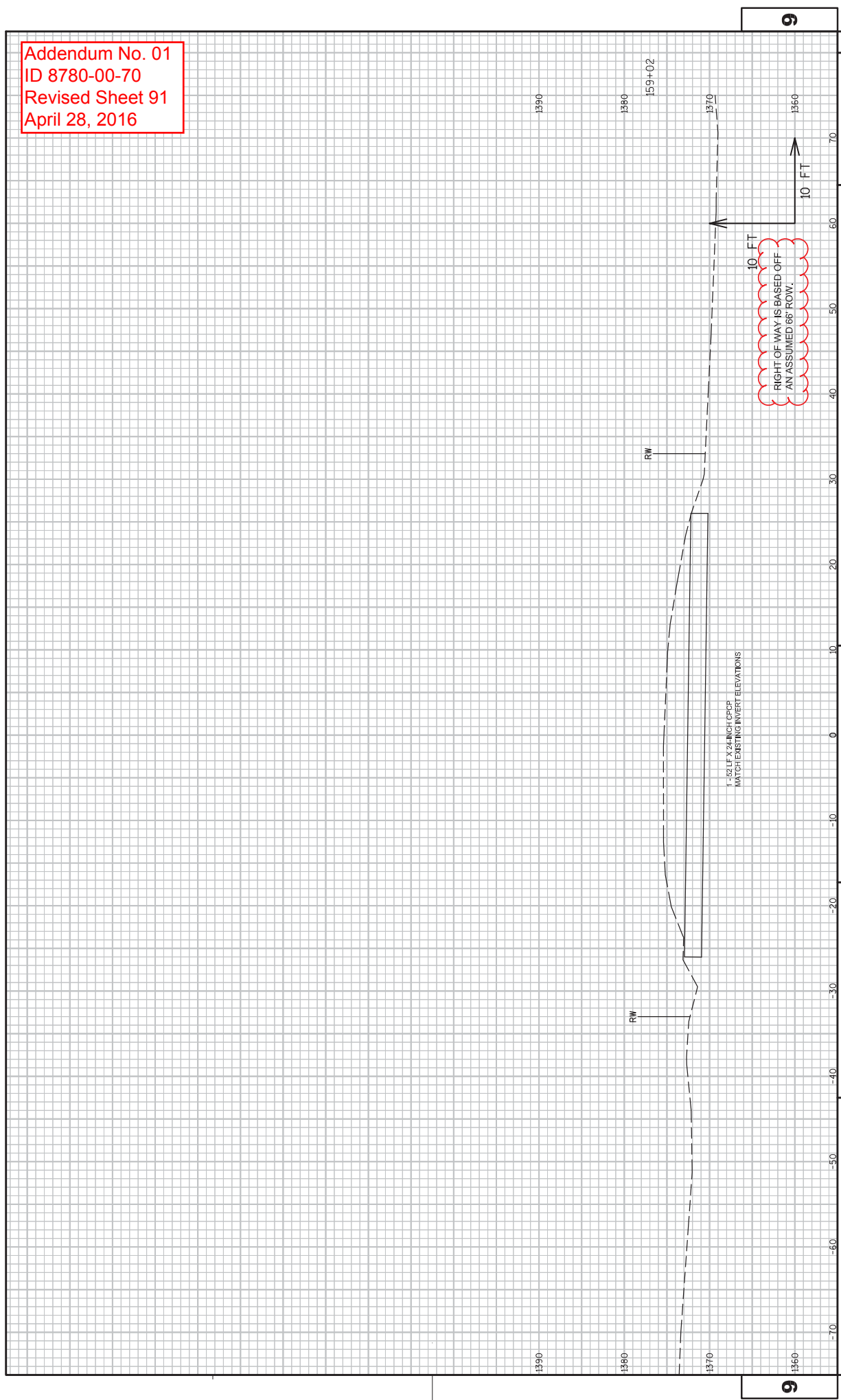
CTH S - STA. 221+50 - 244+00

STATION	LENGTH	CUT/END AREA	FILL/END AREA	CUT/RAW VOLUME	FILL/RAW VOLUME	(ADJUSTED) FILL		CUMULATIVE CUT VOLUME	(ADJUSTED) CUMULATIVE FILL VOLUME		MASS ORDINATE
						RAW VOLUME	*1.25		RAW VOLUME	CY	
220+50.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
221+00.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
221+50.0	50.0	18.3	0.2	17.0	0.2	0.7	0.7	17	0	0	17
222+00.0	50.0	17.3	0.4	33.0	0.5	31.9	0.6	50	1	1	49
222+50.0	50.0	17.2	0.3	31.8	0.6	31.8	0.7	82	2	2	111
223+00.0	50.0	6.1	2.1	21.5	2.2	13.5	2.2	114	2	5	130
223+50.0	50.0	0.0	25.5	5.6	25.5	31.9	31.9	141	37	104	104
224+00.0	50.0	37.8	0.0	85.5	0.0	77.7	141	141	134	7	7
224+37.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	141	134	0	0
225+00.0	62.2	0.0	152.0	0.0	273.5	341.9	141	141	476	-335	-335
225+50.0	50.0	0.0	249.9	0.0	372.0	465.0	141	141	941	-800	-800
226+00.0	50.0	0.0	396.5	0.0	598.5	748.1	141	1689	1689	-1548	-1548
226+50.0	50.0	0.0	354.3	0.0	695.2	869.0	141	2558	2558	-2417	-2417
227+00.0	50.0	0.0	323.2	0.0	627.3	784.2	141	3342	3342	-3202	-3202
227+50.0	50.0	0.0	250.1	0.0	530.9	663.6	141	4006	4006	-3865	-3865
228+00.0	50.0	0.0	188.2	0.0	405.9	507.4	141	4513	4513	-4373	-4373
228+50.0	50.0	0.0	92.6	0.0	260.0	325.0	141	4838	4838	-4698	-4698
229+00.0	50.0	39.5	23.5	36.6	107.4	134.3	177	4973	4973	-4795	-4795
229+50.0	50.0	36.8	7.3	70.7	28.5	35.6	248	5008	5008	-4760	-4760
230+00.0	50.0	17.7	1.4	50.4	8.0	10.0	298	5018	5018	-4720	-4720
230+50.0	50.0	2.3	24.6	18.5	24.1	10.0	317	5048	5048	-4731	-4731
231+00.0	50.0	0.0	57.9	2.1	76.4	95.5	319	5144	5144	-4825	-4825
231+50.0	50.0	13.1	40.5	12.1	91.1	113.9	331	5258	5258	-4927	-4927
232+00.0	50.0	30.6	9.8	40.4	46.6	58.2	372	5316	5316	-4944	-4944
232+50.0	50.0	88.9	1.0	110.7	10.0	12.5	482	5328	5328	-4846	-4846
233+00.0	50.0	182.8	0.0	251.6	0.9	1.2	734	5330	5330	-4596	-4596
233+50.0	50.0	260.6	0.0	410.5	0.0	0.0	1144	5330	5330	-4185	-4185
234+00.0	50.0	353.9	0.0	569.0	0.0	0.0	1713	5330	5330	-3616	-3616
234+50.0	50.0	253.2	0.0	562.2	0.0	0.0	2276	5330	5330	-3054	-3054
235+00.0	50.0	167.3	0.0	389.3	0.0	0.0	2665	5330	5330	-2665	-2665
235+50.0	50.0	110.5	0.0	257.2	0.0	0.0	2922	5330	5330	-2408	-2408
236+00.0	50.0	85.0	2.7	181.0	2.5	3.1	3103	5333	5333	-2230	-2230
236+50.0	50.0	65.5	4.7	139.3	6.9	8.6	3243	5341	5341	-2099	-2099
237+00.0	50.0	10.0	8.5	69.9	12.2	15.3	3312	5357	5357	-2044	-2044
237+50.0	50.0	0.0	25.4	9.3	31.5	39.3	3322	5396	5396	-2074	-2074
238+00.0	50.0	69.6	0.0	88.0	0.0	88.0	3322	5506	5506	-2184	-2184
238+50.0	50.0	0.0	75.9	0.0	134.7	168.4	3322	5674	5674	-2353	-2353
239+00.0	50.0	0.0	83.9	0.0	157.2	196.5	3322	5871	5871	-2549	-2549
239+50.0	50.0	0.0	80.5	0.0	161.4	201.8	3322	6073	6073	-2751	-2751
240+00.0	50.0	0.0	81.3	0.0	149.8	187.3	3322	6260	6260	-2938	-2938
240+50.0	50.0	0.0	69.0	0.0	139.2	174.0	3322	6434	6434	-3112	-3112
241+00.0	50.0	0.0	60.3	0.0	119.7	149.7	3322	6584	6584	-3262	-3262
241+50.0	50.0	0.0	50.7	0.0	102.8	128.5	3322	6712	6712	-3390	-3390
242+00.0	50.0	0.0	42.1	0.0	85.9	107.4	3322	6819	6819	-3498	-3498
242+50.0	50.0	2.6	7.4	20.7	6.9	8.6	3324	6877	6877	-3553	-3553
243+00.0	50.0	19.8	0.0	18.3	0.0	0.0	3363	6885	6885	-3540	-3540
243+50.0	50.0	0.0	0.0	0.0	0.0	0.0	3363	6885	6885	-3522	-3522
244+00.0	50.0	0.0	0.0	0.0	0.0	0.0	3363	6885	6885	-3522	-3522
TOTALS				3363	5508	6885					

NOTES:  
 (1) - NO MARSH OR ROCK EXCAVATION ANTICIPATED  
 (2) - FILL EXPANSION 25%  
 (3) - EXISTING PAVEMENT IS INCLUDED IN CUT



Addendum No. 01  
ID 8780-00-70  
Revised Sheet 91  
April 28, 2016



1390

1380

159+02

1370

1360

10 FT

10 FT  
RIGHT OF WAY IS BASED OFF  
AN ASSUMED 66' ROW.

RW

RW

1" = 50' HORIZ. SCALE  
1" = 10' VERT. SCALE  
MATCH EXISTING INVERT ELEVATIONS

9

E

SHEET 91

CROSS SECTIONS: CTH S

PLOT NAME :

PLOT BY : USER

COUNTY: SAWYER

PLOT DATE : 3/15/2016 3:08 PM

HWY: CTH S

PROJECT NO: 8780-00-70

FILE NAME : W:\NMBE\_PROJECTS\DESIGN\0621\_CTH\_S\CD\12\090201.EDT\_XS.DWG

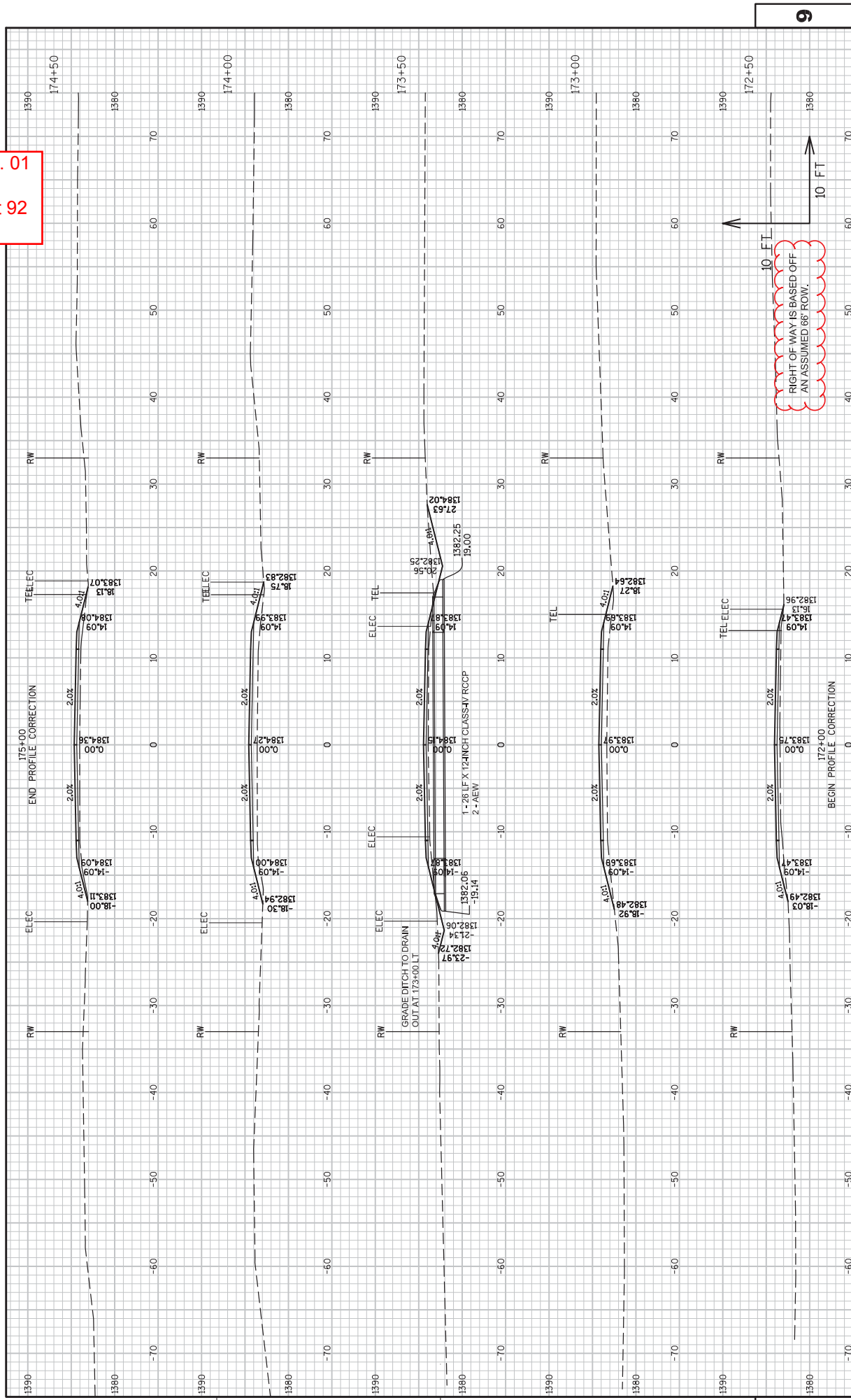
PLOT SCALE : 1:10..XREF

WISDOT/CADD SHEET 49

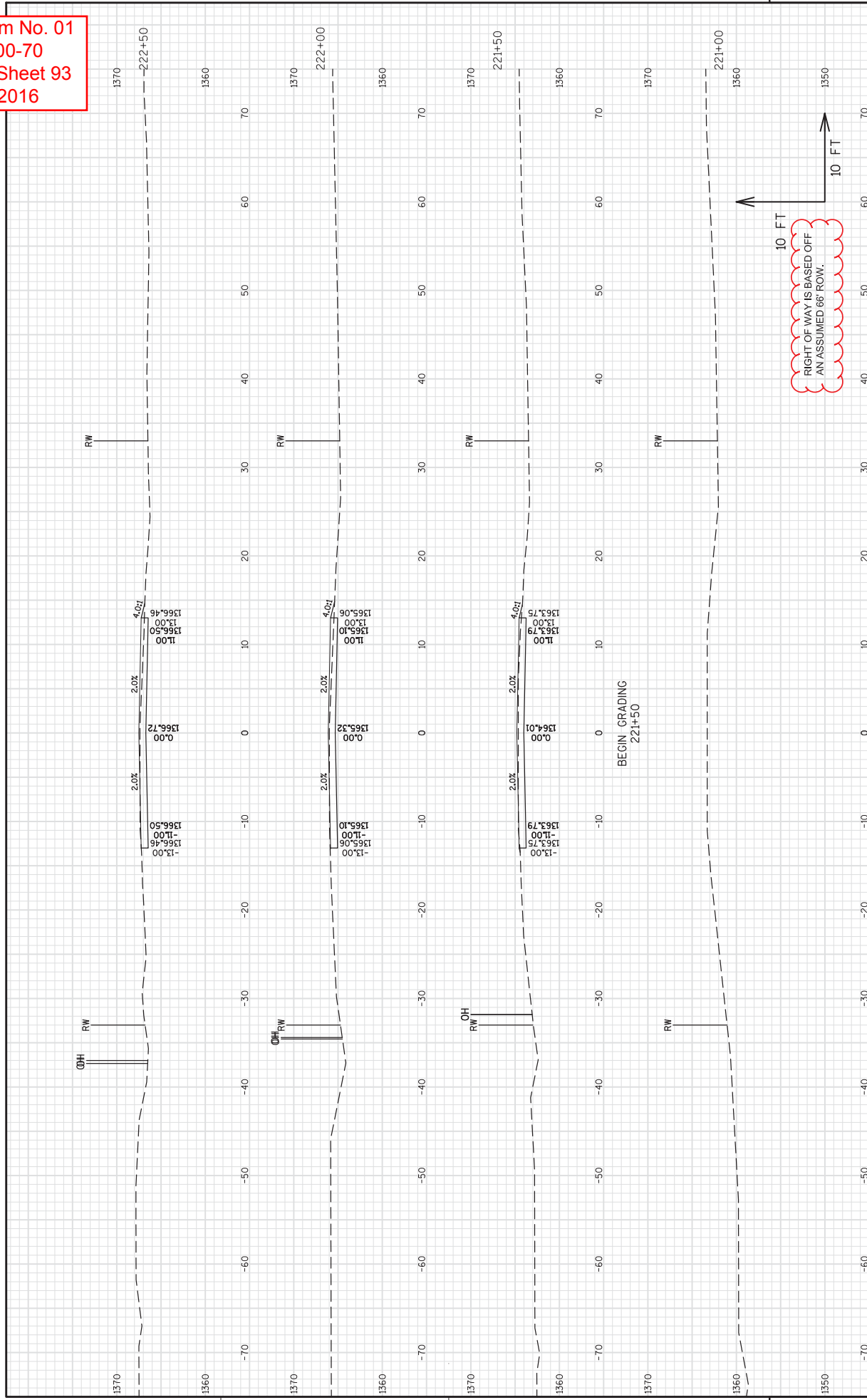
9



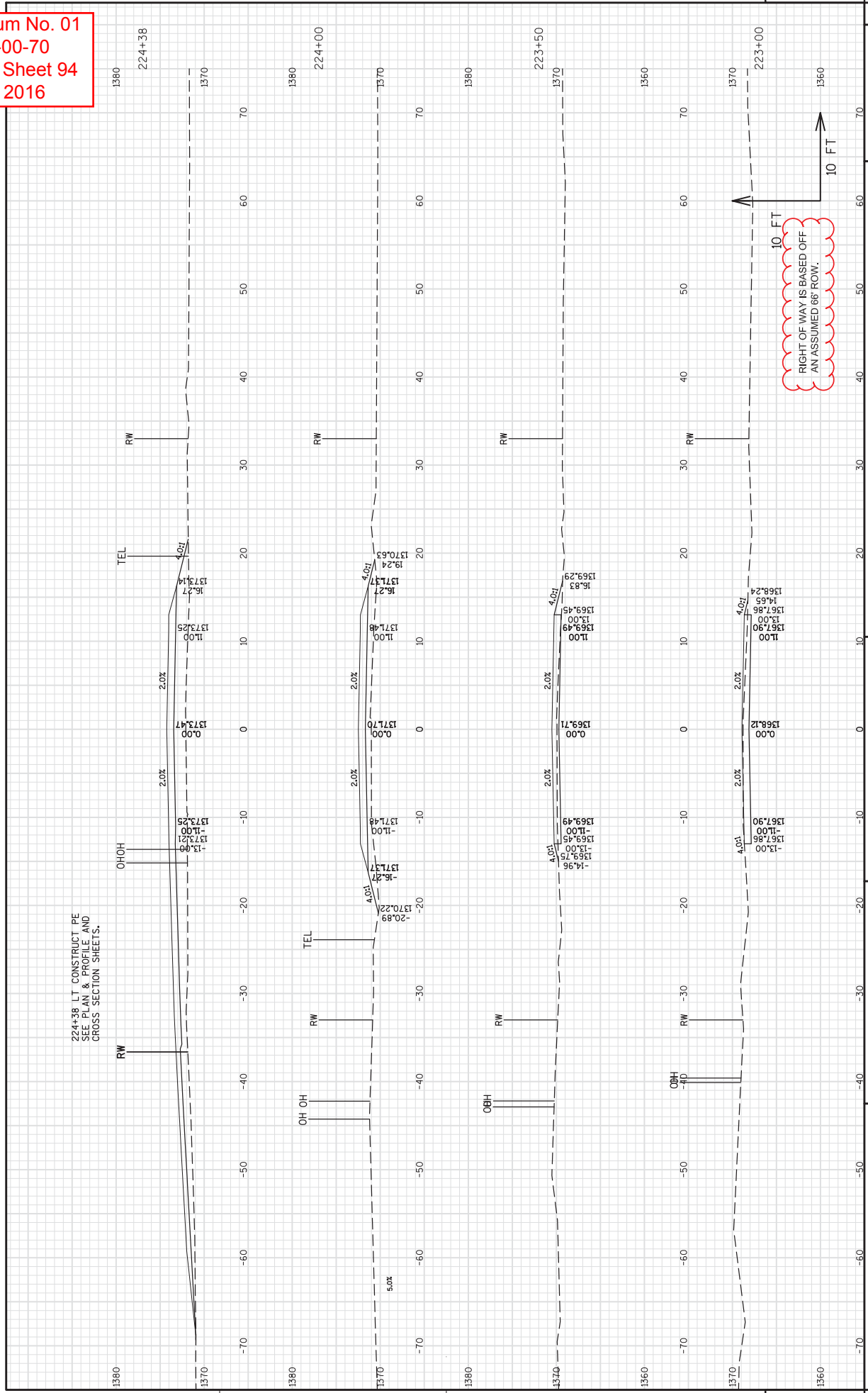
Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 92  
 April 28, 2016



Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 93  
 April 28, 2016



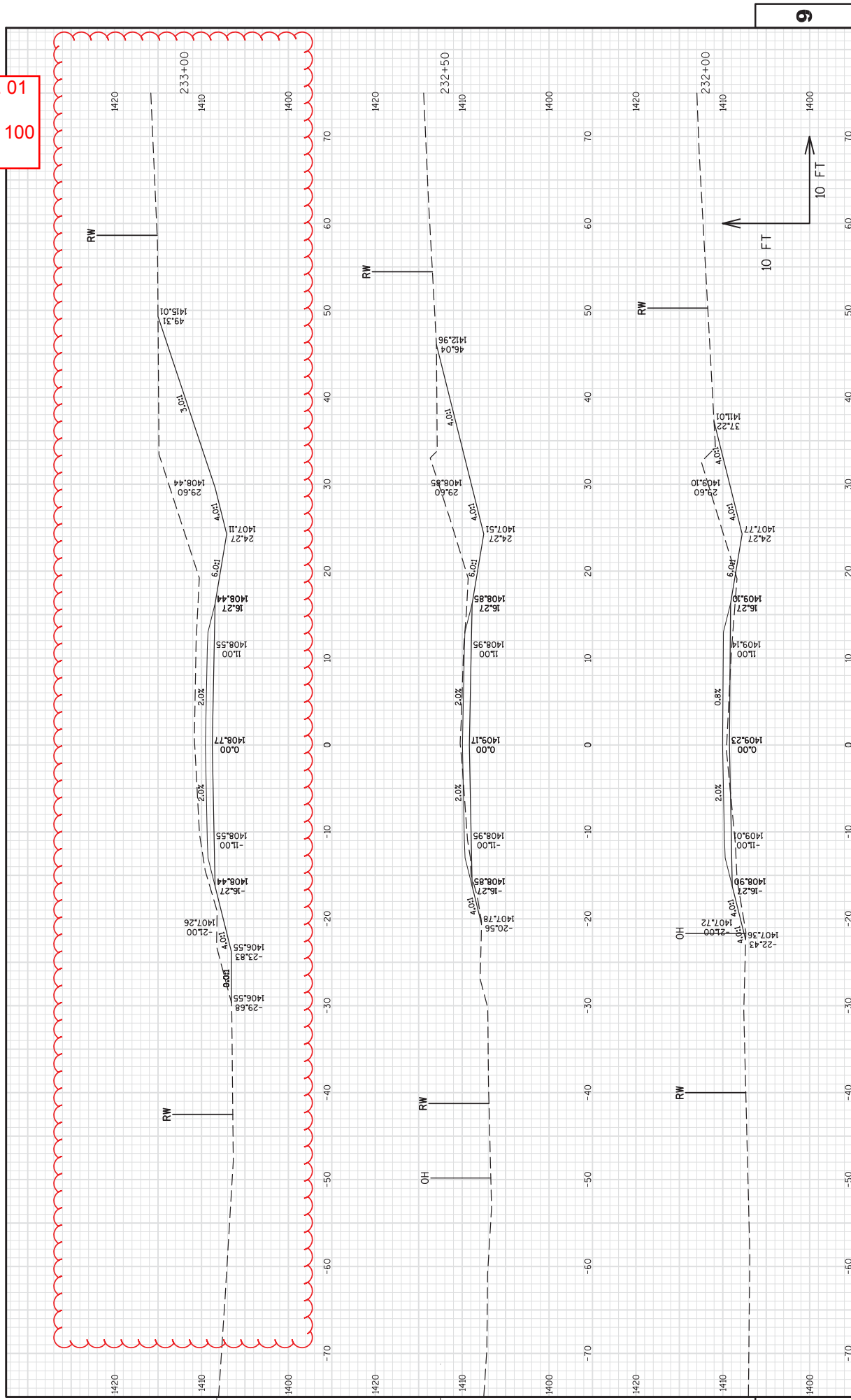
Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 94  
 April 28, 2016



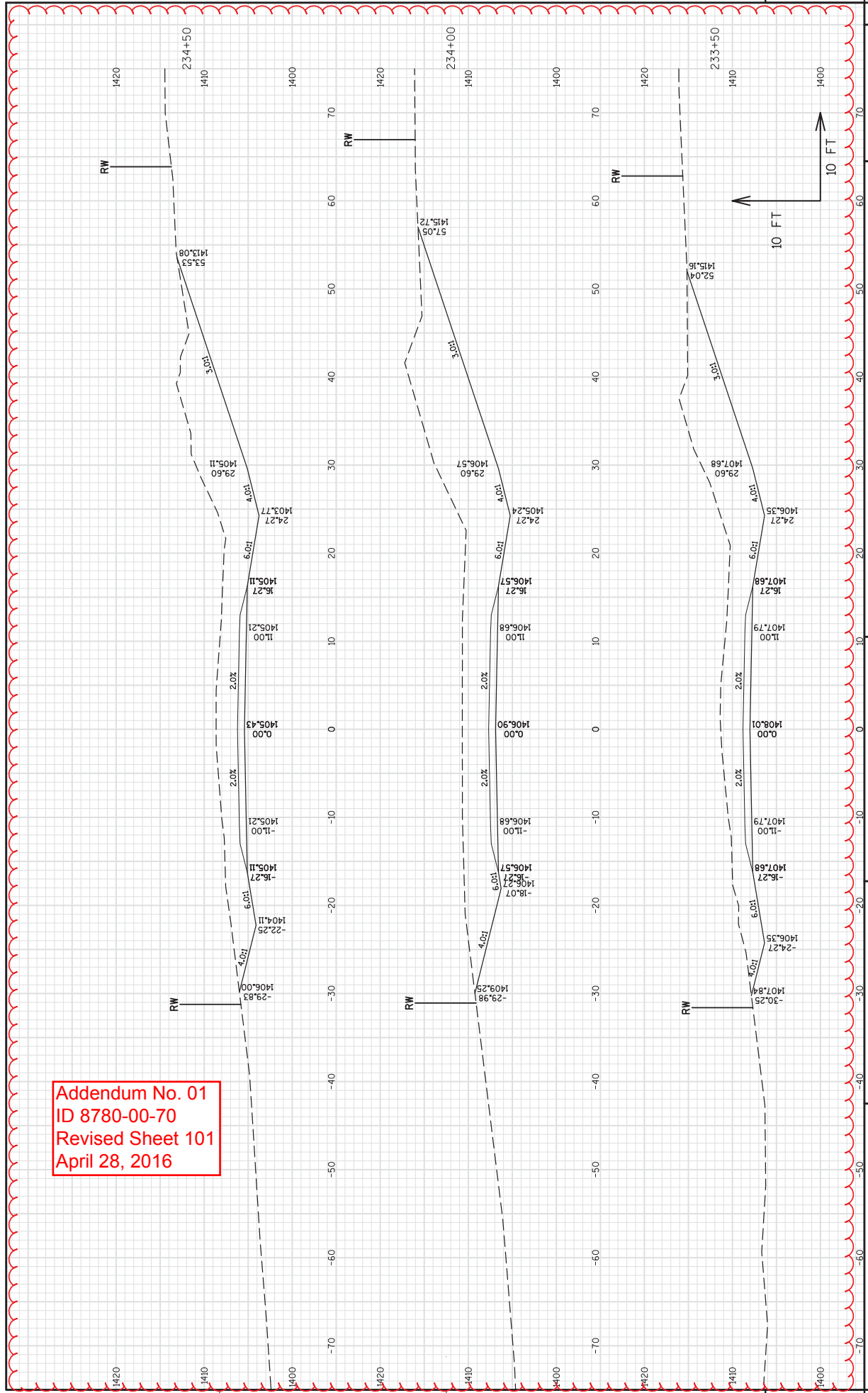
RIGHT OF WAY IS BASED OFF  
 AN ASSUMED 66' ROW.

10 FT

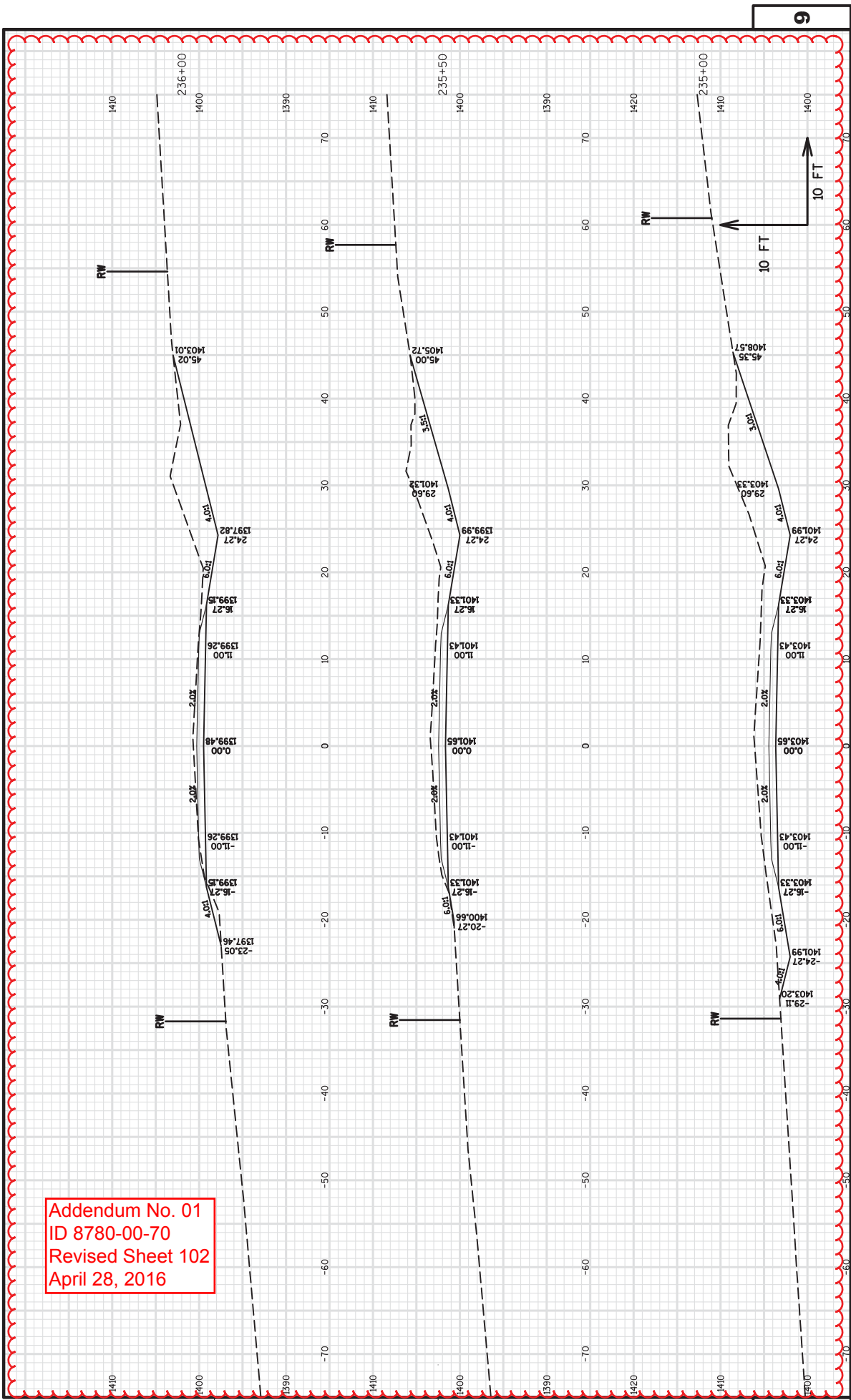
Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 100  
 April 28, 2016



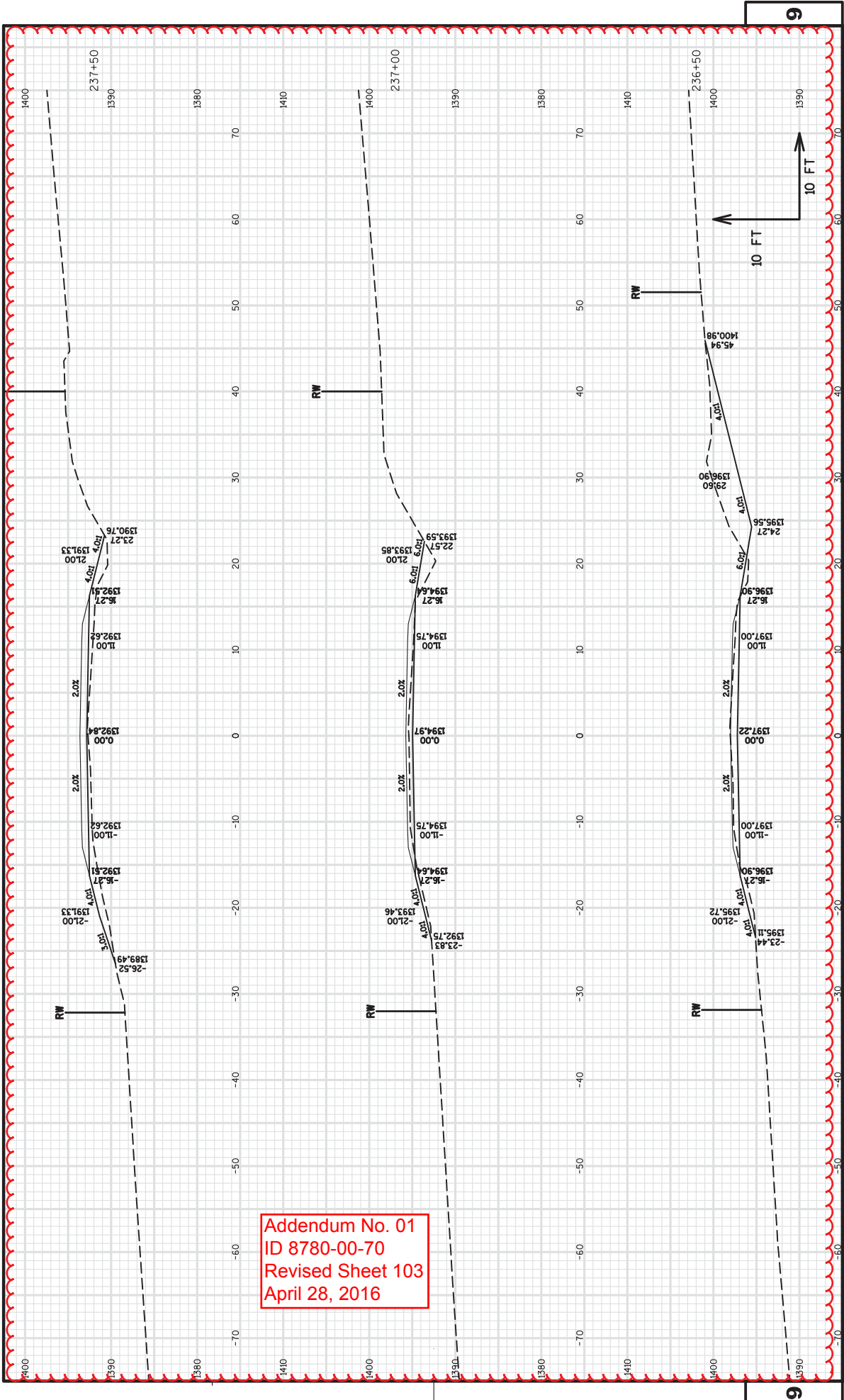
Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 101  
 April 28, 2016



Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 102  
 April 28, 2016

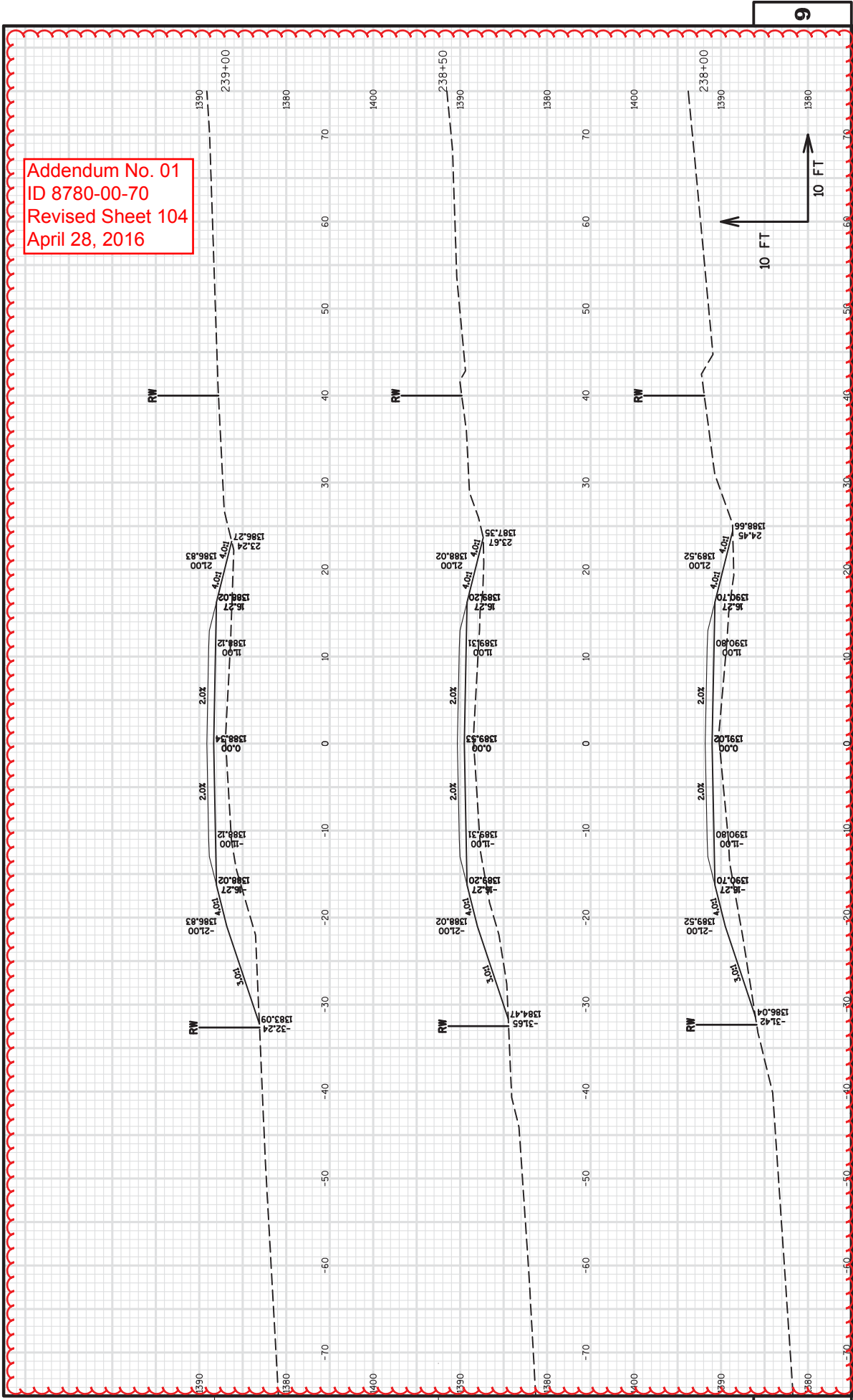




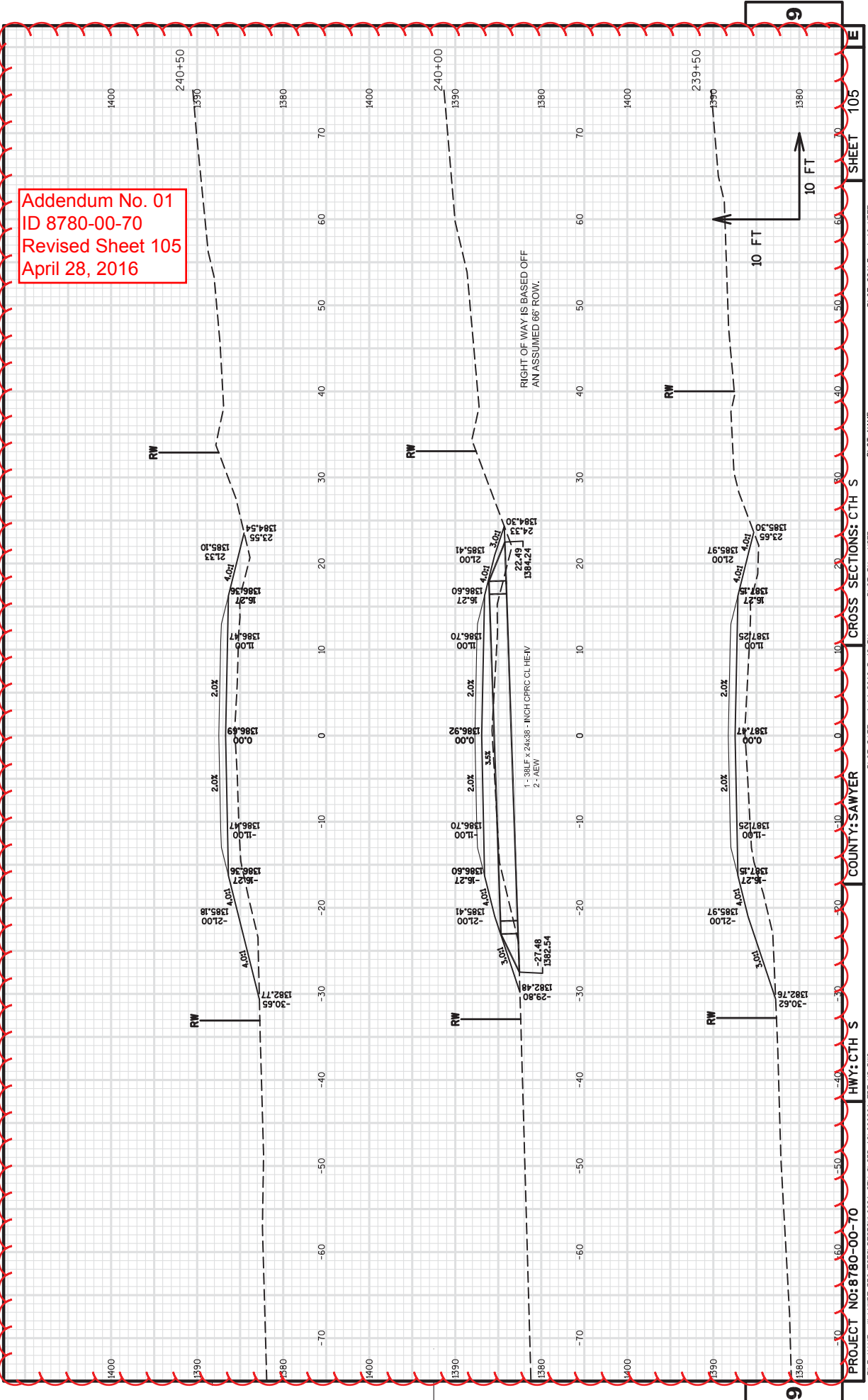


Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 103  
 April 28, 2016

Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 104  
 April 28, 2016



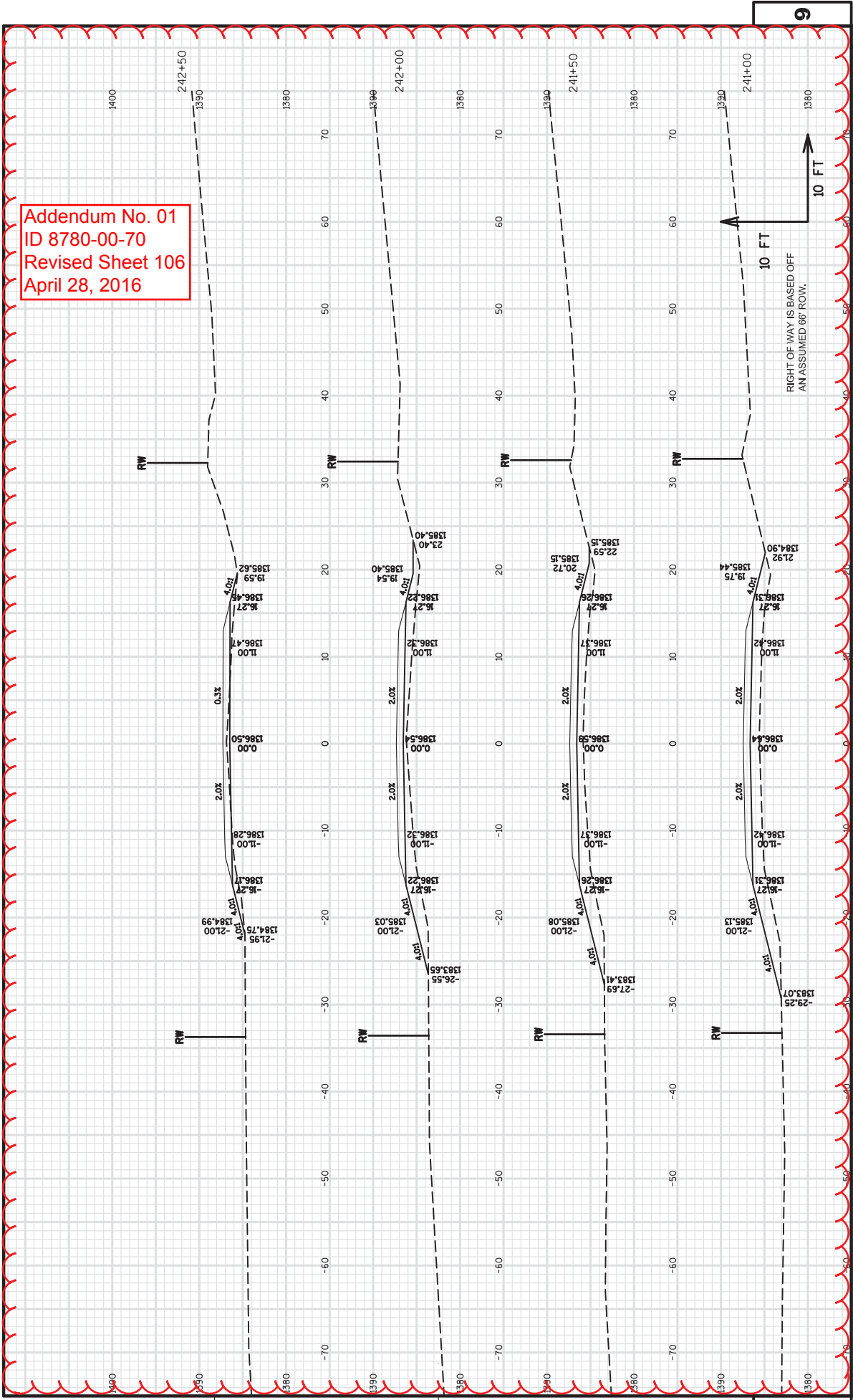
Addendum No. 01  
 ID 8780-00-70  
 Revised Sheet 105  
 April 28, 2016



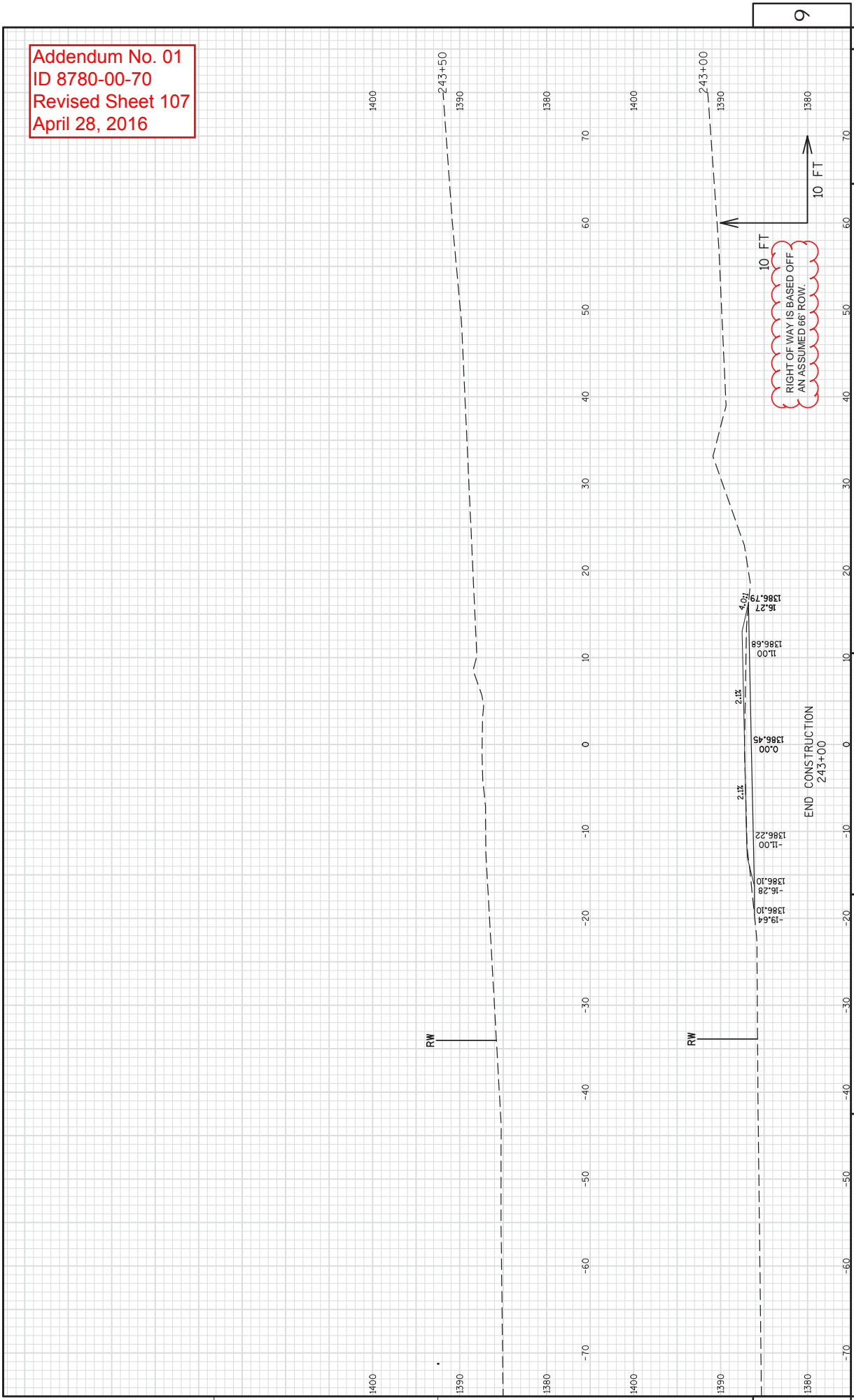
PROJECT NO: 8780-00-70  
 HWY: CTH S  
 COUNTY: SAWYER  
 CROSS SECTIONS: CTH S  
 SHEET 105  
 WISDOT/CADDS SHEET 49

FILE NAME : W:\NWBE\PROJECTS\DESIGN\0621\_CTH S\CD\_12\N980201\_EDIT\_XS.DWG  
 PLOT DATE : 4/14/2016 5:42 PM  
 PLOT BY : USER  
 PLOT NAME :  
 PLOT SCALE : 1:110\_XREF

Addendum No. 01  
ID 8780-00-70  
Revised Sheet 106  
April 28, 2016



Addendum No. 01  
ID 8780-00-70  
Revised Sheet 107  
April 28, 2016



## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20160510052PROJECT(S):  
8780-00-70FEDERAL ID(S):  
WISC 2016188

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

## SECTION 0001 Contract Items

0010	201.0105 Clearing	20.000 STA	.	.	.	.
0020	201.0205 Grubbing	20.000 STA	.	.	.	.
0030	203.0100 Removing Small Pipe Culverts	4.000 EACH	.	.	.	.
0040	204.0110 Removing Asphaltic Surface	2,666.000 SY	.	.	.	.
0050	204.0115 Removing Asphaltic Surface Butt Joints	712.000 SY	.	.	.	.
0060	204.0120 Removing Asphaltic Surface Milling	565.000 SY	.	.	.	.
0070	205.0100 Excavation Common	3,523.000 CY	.	.	.	.
0080	208.1100 Select Borrow	3,393.000 CY	.	.	.	.
0090	211.0400 Prepare Foundation for Asphaltic Shoulders	2.000 STA	.	.	.	.
0100	213.0100 Finishing Roadway (project) 01. 8780-00-70	1.000 EACH	.	.	.	.



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WISC 2016188

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	305.0110 Base Aggregate Dense 3/4-Inch	1,444.000 TON	.	.	.	.
0120	305.0120 Base Aggregate Dense 1 1/4-Inch	3,200.000 TON	.	.	.	.
0130	325.0100 Pulverize and Relay	34,426.000 SY	.	.	.	.
0140	455.0605 Tack Coat	1,781.000 GAL	.	.	.	.
0150	460.2000 Incentive Density HMA Pavement	4,440.000 DOL	1.00000	.	4440.00	.
0160	460.5224 HMA Pavement 4 LT 58-28 S	3,464.000 TON	.	.	.	.
0170	460.5244 HMA Pavement 4 LT 58-34 S	3,464.000 TON	.	.	.	.
0180	465.0120 Asphaltic Surface Driveways and Field Entrances	112.000 TON	.	.	.	.
0190	521.1018 Apron Endwalls for Culvert Pipe Steel 18-Inch	2.000 EACH	.	.	.	.
0210	522.0312 Culvert Pipe Reinforced Concrete Class IV 12-Inch	26.000 LF	.	.	.	.
0220	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	2.000 EACH	.	.	.	.

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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0230	530.0118 Culvert Pipe Corrugated Polyethylene 18-Inch	54.000 LF	.	.	.	.
0240	530.0124 Culvert Pipe Corrugated Polyethylene 24-Inch	52.000 LF	.	.	.	.
0260	606.0100 Riprap Light	13.000 CY	.	.	.	.
0270	619.1000 Mobilization	1.000 EACH	.	.	.	.
0280	624.0100 Water	314.000 MGAL	.	.	.	.
0290	625.0500 Salvaged Topsoil	8,686.000 SY	.	.	.	.
0300	627.0200 Mulching	9,293.000 SY	.	.	.	.
0310	628.1104 Erosion Bales	20.000 EACH	.	.	.	.
0320	628.1504 Silt Fence	2,820.000 LF	.	.	.	.
0330	628.1520 Silt Fence Maintenance	2,820.000 LF	.	.	.	.
0340	628.1905 Mobilizations Erosion Control	3.000 EACH	.	.	.	.

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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0350	628.1910 Mobilizations Emergency Erosion Control	5.000 EACH	.	.	.	.
0360	628.2004 Erosion Mat Class I Type B	4,325.000 SY	.	.	.	.
0370	628.7504 Temporary Ditch Checks	370.000 LF	.	.	.	.
0380	628.7555 Culvert Pipe Checks	21.000 EACH	.	.	.	.
0390	628.7560 Tracking Pads	1.000 EACH	.	.	.	.
0400	628.7570 Rock Bags	40.000 EACH	.	.	.	.
0410	629.0210 Fertilizer Type B	11.200 CWT	.	.	.	.
0420	630.0120 Seeding Mixture No. 20	314.000 LB	.	.	.	.
0430	630.0200 Seeding Temporary	197.000 LB	.	.	.	.
0440	630.0300 Seeding Borrow Pit	79.000 LB	.	.	.	.
0450	633.5100 Markers Row	35.000 EACH	.	.	.	.

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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0460	633.5200 Markers Culvert End	28.000 EACH	.		.	
0470	634.0614 Posts Wood 4x6-Inch X 14-FT	20.000 EACH	.		.	
0480	634.0616 Posts Wood 4x6-Inch X 16-FT	26.000 EACH	.		.	
0490	637.2210 Signs Type II Reflective H	68.360 SF	.		.	
0500	637.2230 Signs Type II Reflective F	222.250 SF	.		.	
0510	638.2102 Moving Signs Type II	4.000 EACH	.		.	
0520	638.2602 Removing Signs Type II	45.000 EACH	.		.	
0530	638.3000 Removing Small Sign Supports	45.000 EACH	.		.	
0540	638.4000 Moving Small Sign Supports	4.000 EACH	.		.	
0550	642.5201 Field Office Type C	1.000 EACH	.		.	
0560	643.0100 Traffic Control (project) 01. 8780-00-70	1.000 EACH	.		.	

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CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0570	643.0300 Traffic Control Drums	660.000 DAY	.	.	.	.
0580	643.0420 Traffic Control Barricades Type III	154.000 DAY	.	.	.	.
0590	643.0705 Traffic Control Warning Lights Type A	308.000 DAY	.	.	.	.
0600	643.0900 Traffic Control Signs	1,398.000 DAY	.	.	.	.
0610	643.2000 Traffic Control Detour (project) 01. 8780-00-70	1.000 EACH	.	.	.	.
0620	643.3000 Traffic Control Detour Signs	1,650.000 DAY	.	.	.	.
0630	645.0130 Geotextile Fabric Type R	44.000 SY	.	.	.	.
0640	646.0106 Pavement Marking Epoxy 4-Inch	56,505.000 LF	.	.	.	.
0650	648.0100 Locating No-Passing Zones	2.680 MI	.	.	.	.
0660	649.0402 Temporary Pavement Marking Paint 4-Inch	28,300.000 LF	.	.	.	.
0670	650.4500 Construction Staking Subgrade	2,350.000 LF	.	.	.	.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0680	650.5000 Construction Staking Base	2,950.000 LF	.	.	.	.
0690	650.6000 Construction Staking Pipe Culverts	4.000 EACH	.	.	.	.
0700	650.8000 Construction Staking Resurfacing Reference	12,000.000 LF	.	.	.	.
0710	650.9910 Construction Staking Supplemental Control (project) 01. 8780-00-70	LUMP	LUMP	.	.	.
0720	650.9920 Construction Staking Slope Stakes	2,650.000 LF	.	.	.	.
0730	690.0150 Sawing Asphalt	368.000 LF	.	.	.	.
0740	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	1,200.000 HRS	5.00000	.	6000.00	.
0750	ASP.1T0G On-the-Job Training Graduate at \$5. 00/HR	300.000 HRS	5.00000	.	1500.00	.
0760	SPV.0035 Special 01. Excavating Hauling and Placing Excess Pulverized Material	100.000 CY	.	.	.	.
0770	523.0424 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	38.000 LF	.	.	.	.

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CONTRACT:  
20160510052

PROJECT(S):  
8780-00-70

FEDERAL ID(S):  
WISC 2016188

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0780	523.0524 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	EACH 2.000	.		.	
	SECTION 0001 TOTAL				.	
	TOTAL BID				.	