Wisconsin Department of Transportation

Division of Transportation Systems Development
Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

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

March 31, 2020

NOTICE TO ALL CONTRACTORS:

Proposal #02: 1161-00-66, WISC 2020 125
Madison - Packwaukee
STH 78 to Marquette County Line, NB
IH 39
Columbia County

Letting of April 14, 2020

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

Special Provisions:

Added Special Provisions	
Article No.	Description
29	Slip-On Duckbill Check Valve 18-Inch, Item SPV.0060.07; Slip-On Duckbill Check Valve 24-Inch, Item SPV.0060.08; Slip-On Duckbill Check Valve 60-Inch, Item SPV.0060.09.

Deleted Special Provisions	
Article No.	Description
25	Sloped Bottom Slip-On Duckbill Check Valve 18-Inch, Item SPV.0060.03; Sloped Bottom Slip-On Duckbill Check Valve 24-Inch, Item SPV.0060.04; Sloped Bottom Slip-On Duckbill Check Valve, 60-Inch, Item SPV.0060.05.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
460.5224	HMA Pavement 4 LT 58-28 S	T	4,786	-1,050	3,736

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0060.07	Slip-On Duckbill Check Valve 18-Inch	EACH	0	2	2
SPV.0060.08	Slip-On Duckbill Check Valve 24-Inch	EACH	0	2	2
SPV.0060.09	Slip-On Duckbill Check Valve 60-Inch	EACH	0	1	1

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
SPV.0060.03	Sloped Bottom Slip-On Duckbill Check Valve 18-inch	EACH	2	-2	0
SPV.0060.04	Sloped Bottom Slip-On Duckbill Check Valve 24-inch	EACH	2	-2	0
SPV.0060.05	Sloped Bottom Slip-On Duckbill Check Valve 60-inch	EACH	1	-1	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
19	Construction Details – Concrete Pad at Check Valve (Detail information missing)
31	Construction Details – Existing 60-Inch Culvert Pipe (Revised bid item name of item in the detail)
41	Storm Sewer (Revised bid item name of items in the detail)
42	Storm Sewer (Revised bid item name of items in the detail)
63	Traffic Control-Stage 5 – IH39 SB Lane Shift Multi Lane with Ramp Closure (Revised Temporary Marking Note)
64	Traffic Control-Stage 5 – IH39 SB Lane Shift Multi Lane with Ramp Closure (Revised Temporary Marking Note)
85	Miscellaneous Quantities (Revised HMA Pavement 4 LT 58-28 S Quantity)
91	Miscellaneous Quantities (Bid item name change)

Deleted Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
18	Construction Details – Sloped Bottom Slip-On Duckbill Check Valve (Revisions to bid items)

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

1161-00-66

March 31, 2020

Special Provisions

25. DELETED

29. Slip-On Duckbill Check Valve 18-Inch, Item SPV.0060.07;
Slip-On Duckbill Check Valve 24-Inch, Item SPV.0060.08;
Slip-On Duckbill Check Valve 60-Inch, Item SPV.0060.09.

A Description

This special provision describes furnishing and installing slip-on check valves according to manufacturer's specifications at locations indicated on the plans.

The diameter of the check valve bid item(s) references the inner diameter (I.D.) of the pipe the valve will be connected to.

B Materials

B.1 Product Requirements

Check Valve Products: Cla-Val – Series RF-DBO-SB Sloped Bottom Slip-On Duckbill Check Valve

Cla-Val
1701 Placentia Ave.
Costa Mesa, CA 92627
Phone: (909) 722-4800 or (800) 942-6326
Email: info@cla-val.com

Check Valve Products: Tideflex – Series TF-2 Slip-On Flared Top and Bottom Check Valve (18-Inch); Tideflex – Series TF-1 Slip-On Flat Bottom Check Valve (24-Inch, 60-Inch)

Red Valve Company
750 Holiday Drive
Suite 400
Pittsburgh, PA 15220
Phone: (412) 279-0044
Email: support@redvalve.com

Provide a copy of the installation, operation and maintenance manual(s) supplied from the manufacturer to the Department. Provide a copy of the head loss curve tables for each check valve size to the Department. The manufacturer should supply upon request.

B.2 Check Valve and Steel Fittings

Check Valve Material: Valve material shall be either a neoprene, an ANSI/NSF-61 certified product elastomer or an EPDM elastomer per manufacturer's specifications.

Steel Fittings: Steel clamps and retaining rings shall be 304 or 316 grade stainless steel per manufacturer's specifications. Steel must conform to Buy America requirements per CFR 635.410.

Anchor Bolts: The contractor shall provide anchor bolts according to standard spec 506.2.5.

Welding: Welding shall conform to the AWS S1.6, Structural Welding Code – Stainless Steel.

Epoxy Adhesive: The contractor shall provide an epoxy adhesive from the department's approved product list (APL).

B.3 Storage

If storing check valves inside, store in a setting with a dry and cool location. Store the check valve in a vertical position on a pallet or wooden platform. Do not lay other boxes on top of the check valve or check valve box.

If storing check valves outside, keep the check valve protected in a waterproof crate until ready for installation. Keep the check valve protected from any external elements such as direct UV exposure, electric motors, dirt or chemicals. Do not lay other boxes on top of the check valve box.

C Construction

C.1 Handling

Take care when handling check valves to reduce the possibility of damaging the check valve during construction. Special care shall be taken in loading hoisting and lowering large check valves to avoid hitting adjacent equipment, forklift lines, crane cables, etc.

Check valves 36" and larger are manufactured with a lifting support hole to assist in the safe and proper lifting/installation of these check valves. The lifting holes are not intended to support the entire weight of the check valve and care shall be taken to adequately support the cuffed end also.

C.2 Prior to Installation

Inspect for damage that may have occurred during transportation, The department will not allow the installation of a damaged check valve.

Inspect the pipe surface to ensure that it is undamaged and clean and free of all foreign matter before installation of the check valve. The pipe must also be free of sharp edges which may damage the inside sealing diameter of the check valve. Check the inside diameter of the check valve and compare it to the outside diameter of the outfall pipe for a proper fit.

C.3 Installation

C.3.1 Slip-On

Slip the check valve over the existing or installed concrete pipe where the bill of the check valve is oriented in a vertical position. If clearance issues are present due to existing field conditions, the check valve may be rotated a maximum of 35 degrees to allow clearance to the ground. To ease installation, it is acceptable but not necessary to add soapy water to the exterior of the pipe to facilitate the installation of the check valve.

C.3.2 External Clamps

Add the external clamps to the slip-on check valve. If the valve is supplied with more than one fabricated steel clamp, rotate the additional clamp (s) which will place the clamping section at opposite angles from the first clamp. This will ensure that even pressure is applied to check valve.

Tighten the external clamp(s) until the check valve material is compressed by the external clamp and a tight fit is achieved.

C.3.3 Anchor Bolts

After the external clamp (s) have been tightened, drill a hole through each center hole provided on the clamp(s). Insert a bolt sufficient in length to completely travel through the clamp, valve and pipe at each hole location. Secure each bolt to the external clamp by completely welding to the external clamp or use an epoxy adhesive to ensure the bolt will not fall out or be removed.

D Measurement

The department will measure Slip-On Duckbill Check Valves by the each installed.

E Payment

The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	Description	UNIT
SPV.0060.07	Slip-On Duckbill Check Valve 18-Inch	EACH
SPV.0060.08	Slip-On Duckbill Check Valve 24-Inch	EACH
SPV.0060.09	Slip-On Duckbill Check Valve 60-Inch	EACH

Payment is full compensation for furnishing and installing check valves, excavation, and cutting of pipe ends.

Schedule of Items
Attached, dated March 31, 2020, are the revised Schedule of Items Pages 2 and 8.

Plan Sheets
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 19, 31, 41, 42, 63, 64, 85 and 91.

END OF ADDENDUM

GENERAL NOTES

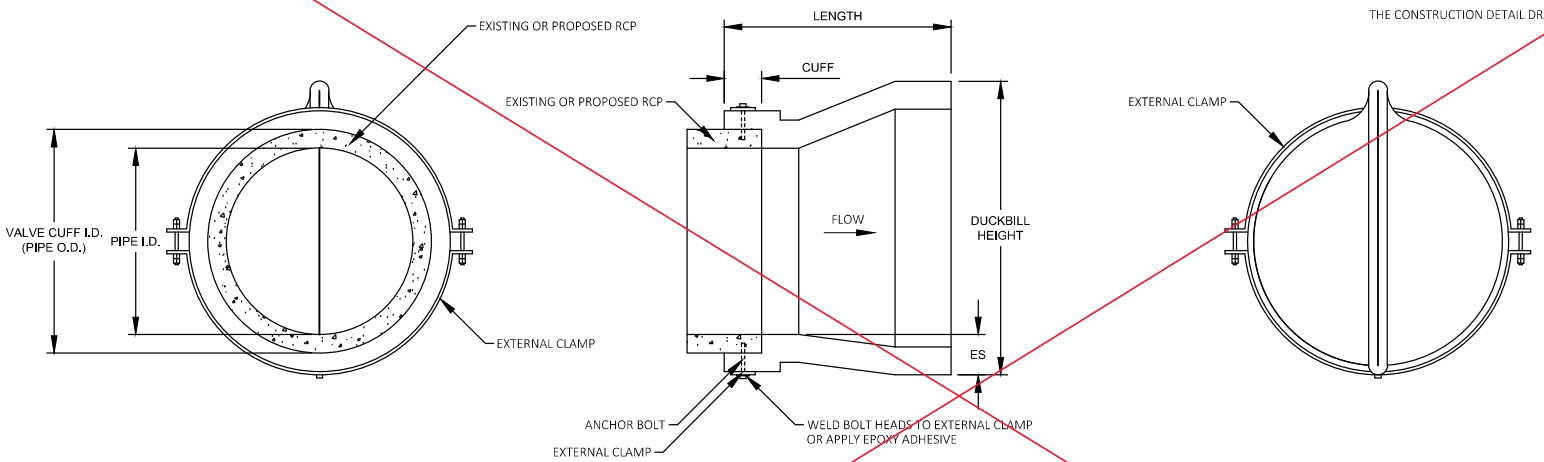
DELIVER, HANDLE AND INSTALL DUCKBILL CHECK VALVES PER MANUFACTURER'S REQUIREMENTS AND AS SHOWN IN THE SPECIAL PROVISIONS.

LISTED WEIGHTS ARE APPROXIMATE PER MANUFACTURER.

THE DUCKBILL CHECK VALVE MATERIAL SHALL BE EITHER NEOPRENE, AN ANSI/NSF-61 CERTIFIED PRODUCT ELASTOMER OR AN EPDM ELASTOMER PER MANUFACTURER'S REQUIREMENTS.

EXTERNAL CLAMPS AND RETAINING RINGS SHALL BE 304 OR 316 GRADE STAINLESS STEEL PER MANUFACTURER'S REQUIREMENTS.

THE CONSTRUCTION DETAIL DRAWING IS NOT TO SCALE.



DUCKBILL CHECK VALVE DIMENSIONS					
PIPE SIZE I.D. (IN.)	PIPE SIZE O.D. (IN.)	LENGTH (IN.)	DUCKBILL HEIGHT (IN.)	ECCENTRIC SLOPE	WEIGHT (LBS)
18	23	33.6	33.1	2.0	130
24	30	43.3	42.9	2.0	215
60	72	73.0	94.5	4.0	1715

SLOPED BOTTOM SLIP-ON DUCKBILL CHECK VALVE DETAIL

Addendum No. 01
ID 1161-00-66
Deleted Sheet 18
March 31, 2020

PROJECT NO: 1161-00-66	HWY: IH 39	COUNTY: COLUMBIA	CONSTRUCTION DETAILS - SLOPED BOTTOM SLIP-ON DUCKBILL CHECK VALVE	SHEET 18	E

FILE NAME : C:\USERS\DOTJ9R\DESKTOP\11610036 C3D N DRIVE\SHEET'SPLAN\021001-CD.DWG
LAYOUT NAME - 04
PLOT DATE : 3/27/2020 12:37 PM PLOT BY : RINZEL, JAMES M PLOT NAME :
WISDOT/CADDS SHEET 42

GENERAL NOTES

CONSTRUCT CONCRETE PER STANDARD SPEC 602.

THE CONCRETE PAD SHALL BE PAID UNDER THE CONCRETE SIDEWALK 4-INCH BID ITEM.

PROVIDE A 6 FOOT WIDE BY 6 FOOT LONG CONCRETE PAD AT 18" DUCKBILL CHECK VALVE LOCATIONS.

PROVIDE A 8 FOOT WIDE BY 8 FOOT LONG CONCRETE PAD AT 24" DUCKBILL CHECK VALVE LOCATIONS.

PROVIDE A 12 FOOT WIDE BY 12 FOOT LONG CONCRETE PAD AT 60" DUCKBILL CHECK VALVE LOCATIONS.

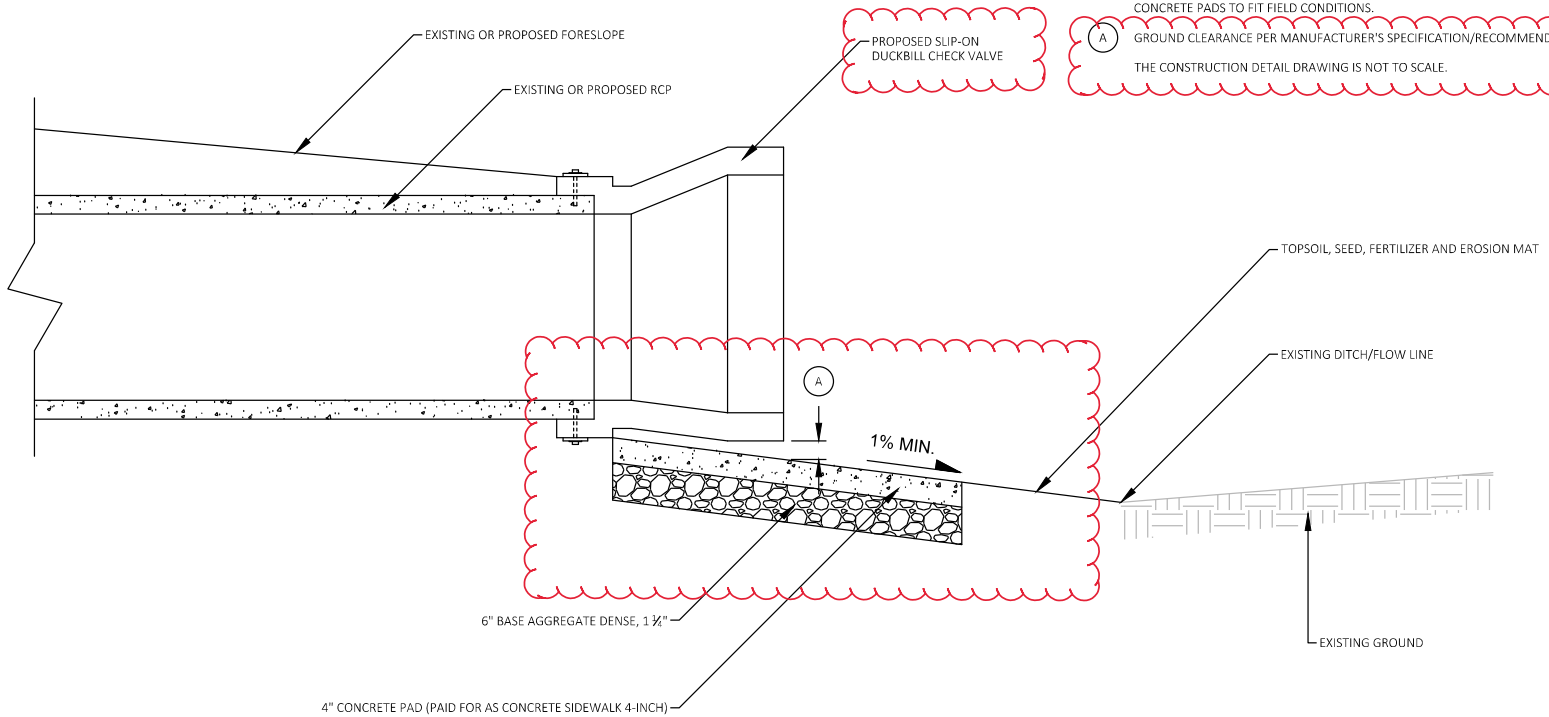
PROVIDE A MINIMUM OF ONE TRANSVERSE EXPANSION JOINT AND ONE LONGITUDINAL EXPANSION JOINT AT CONCRETE PAD LOCATIONS.

PROVIDE A ROUGH FINISH TO THE CONCRETE SURFACE.

THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE FIELD ENGINEER FOR ADJUSTMENTS TO CONCRETE PADS TO FIT FIELD CONDITIONS.

(A) GROUND CLEARANCE PER MANUFACTURER'S SPECIFICATION/RECOMMENDATION.

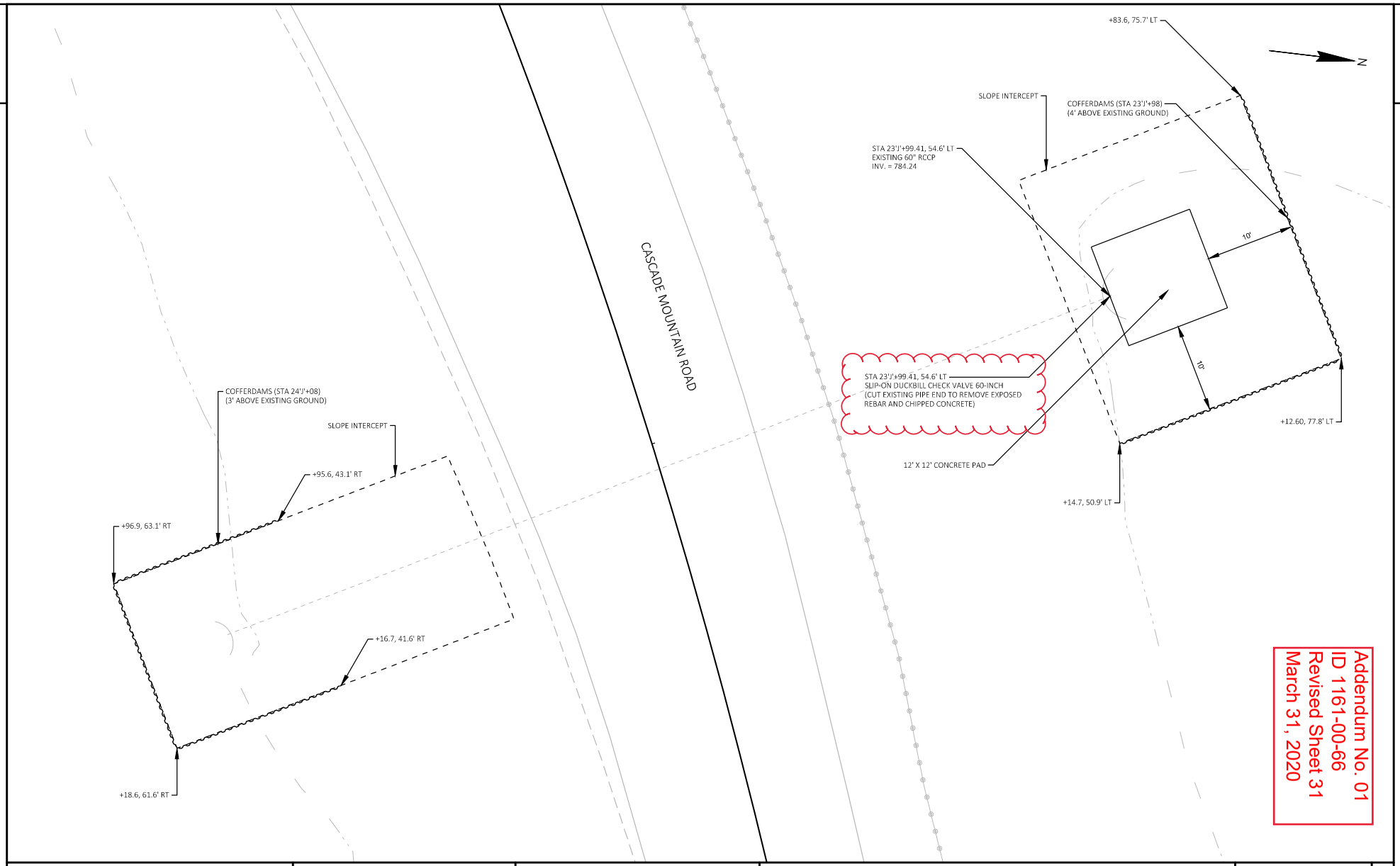
THE CONSTRUCTION DETAIL DRAWING IS NOT TO SCALE.



CONCRETE PAD AT SLIP-ON DUCKBILL CHECK VALVE DETAIL

Addendum No. 01
ID 1161-00-66
Revised Sheet 19
March 31, 2020

PROJECT NO: 1161-00-66	HWY: IH 39	COUNTY: COLUMBIA	CONSTRUCTION DETAILS - CONCRETE PAD AT CHECK VALVE	SHEET 19	E

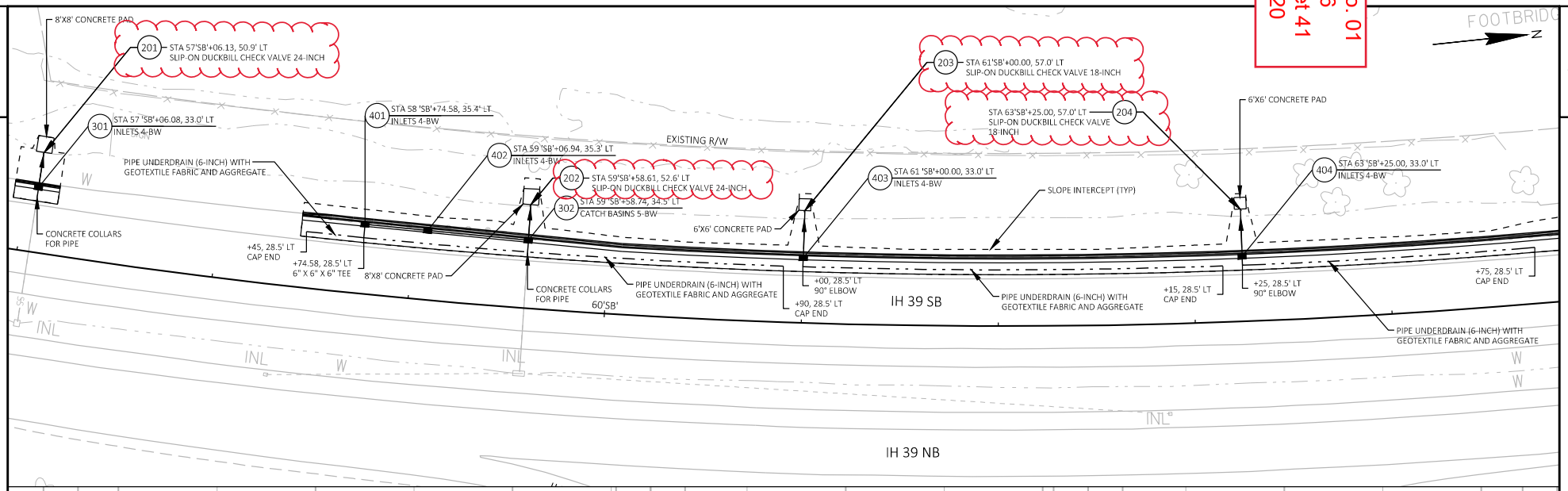


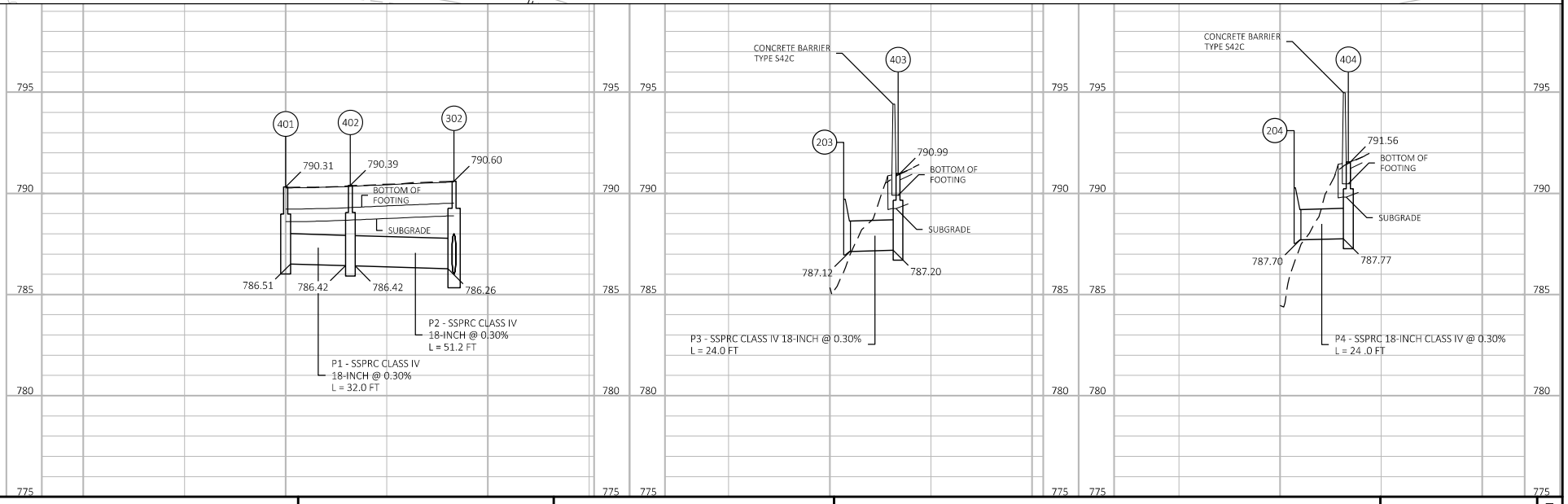
Addendum No. 01
ID 1161-00-66
Revised Sheet 31
March 31, 2020

PROJECT NO: 1161-00-66	HWY: IH 39	COUNTY: COLUMBIA	CONSTRUCTION DETAILS - EXISTING 60-INCH CULVERT PIPE	SHEET 31	E

FILE NAME : C:\USERS\DOTJ9R\DESKTOP\11610036 C3D N DRIVE\SHEETSPLAN\021005-CD.DWG
LAYOUT NAME - 02
PLOT DATE : 3/27/2020 1:10 PM
PLOT BY : RINZEL, JAMES M
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

Addendum No. 01
ID 1161-00-66
Revised Sheet 41
March 31, 2020

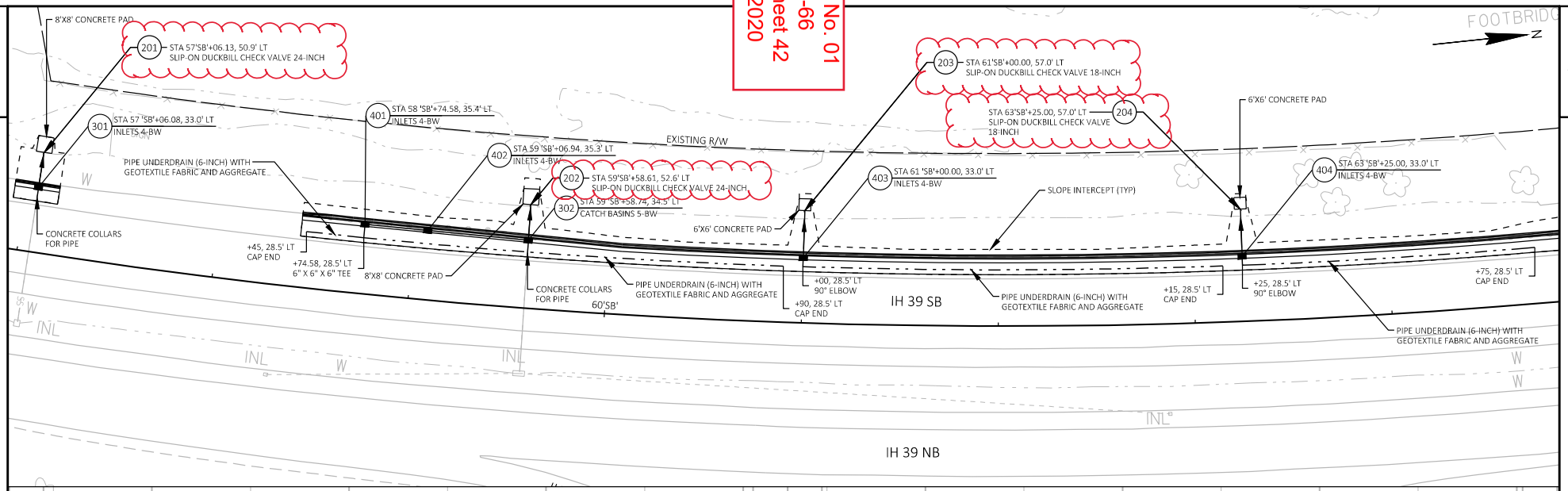


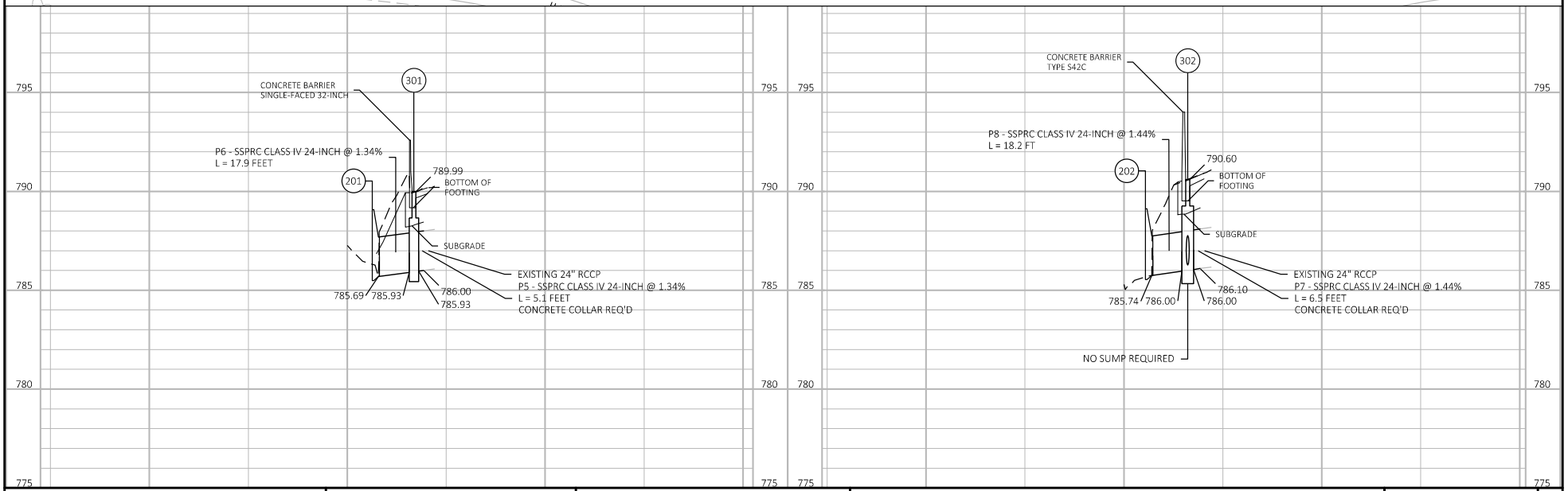


PROJECT NO: 1161-00-66	HWY: IH 39	COUNTY: COLUMBIA	STORM SEWER	SHEET 41	E

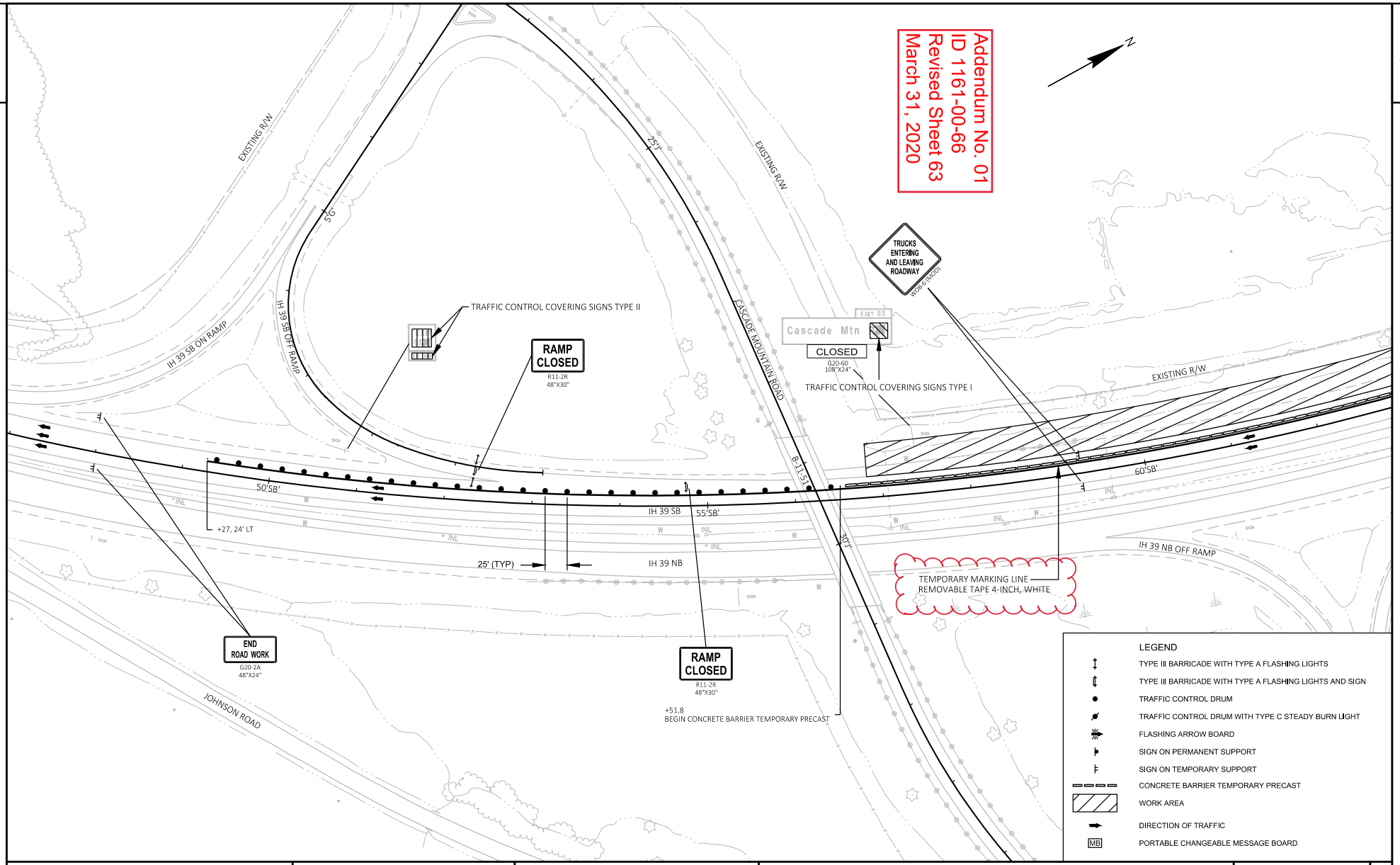
FILE NAME : C:\USERS\DOTJ9R\DESKTOP\11610036 C3D N DRIVE\SHEETSPLAN\D22501-SS.DWG
LAYOUT NAME - 01
PLOT DATE : 3/27/2020 12:20 PM
PLOT BY : RINZEL, JAMES M
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41

Addendum No. 01
ID 1161-00-66
Revised Sheet 42
March 31, 2020





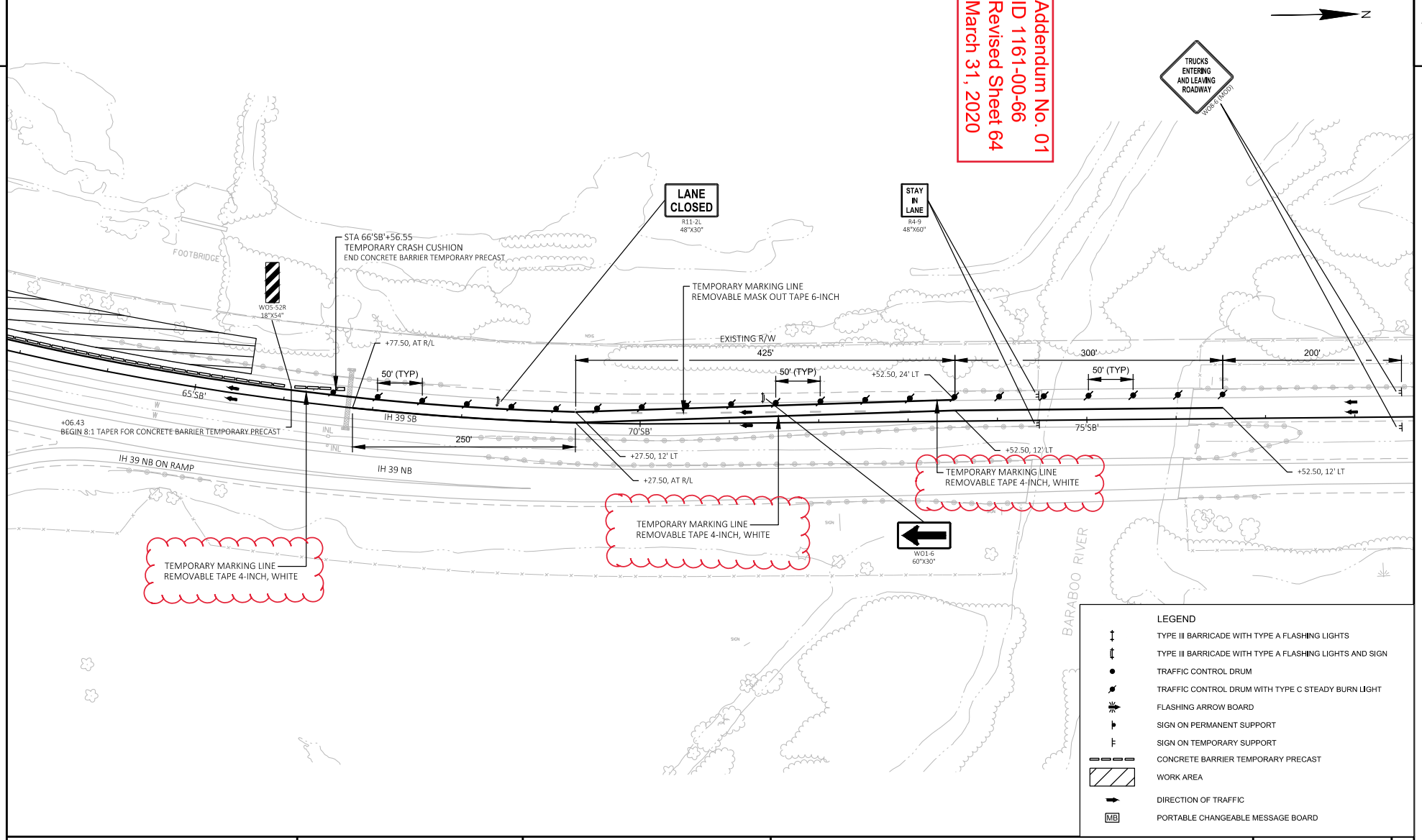
PROJECT NO: 1161-00-66	HWY: IH 39	COUNTY: COLUMBIA	STORM SEWER	SHEET 42	E



PROJECT NO: 1161-00-66	HWY: IH 39	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 5 - IH 39 SB LANE SHIFT MULTI-LANE WITH RAMP CLOSURE	SHEET 63	E

FILE NAME : C:\USERS\DOTJ9R\DESKTOP\11610036 C3D N DRIVE\SHEETSPLAN\025005-TC.DWG
LAYOUT NAME - 01
PLOT DATE : 3/20/2020 8:31 AM
PLOT BY : RINZEL, JAMES M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

Addendum No. 01
ID 1161-00-66
Revised Sheet 64
March 31, 2020



PROJECT NO: 1161-00-66	HWY: IH 39	COUNTY: COLUMBIA	TRAFFIC CONTROL - STAGE 5 - IH 39 SB LANE SHIFT MULTI-LANE WITH RAMP CLOSURE	SHEET 64	E

FILE NAME : C:\USERS\DOTJ9R\DESKTOP\11610036 C3D N DRIVE\SHEETSPLAN\025005-TC.DWG
LAYOUT NAME - 02
PLOT DATE : 3/20/2020 8:31 AM
PLOT BY : RINZEL, JAMES M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

ASPHALT ITEMS

	LOCATION	LT/RT	STA	TO	STA	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA	305.0500 SHAPING SHOULDERS STA	415.6000.S ROUT AND SEAL LF	455.0605* TACK COAT GAL	460.5224 HMA PAVEMENT 4 LT 58-28 S TON	465.0400 ASPHALTIC SHOULDER RUMBLE STRIPS LF	COMMENTS
MAINLINE	IH 39 NB	LT	188+88	-	194+43	---	6	555	20	50	555	MEDIAN SHOULDER
	IH 39 NB	LT	373+00	-	612+15	---	---	23,915	750	1,050	23,915	MEDIAN SHOULDER
	SUBTOTAL					**0**	**6**	**24,470**	**770**	**1,100**	**24,470**	
	IH 39 NB	RT	96+29	-	96+35	---	---	4	1	1	6	WEEP AREA 1
	IH 39 NB	RT	188+74	-	188+80	---	---	4	1	1	6	WEEP AREA 2
	IH 39 NB	RT	252+24	-	252+30	---	---	4	1	1	6	WEEP AREA 3
	IH 39 NB	RT	339+19	-	339+25	---	---	4	1	1	6	WEEP AREA 4
	IH 39 NB	RT	373+00	-	612+15	---	---	23,915	1,500	2,090	23,915	OUTSIDE SHOULDER
	SUBTOTAL					**0**	**0**	**23,931**	**1,504**	**2,094**	**23,939**	
MAINLINE	IH 39 SB	LT	56'SB'+94	-	57'SB'+17	2	--	--	--	3	23	
	IH 39 SB	LT	58'SB'+42	-	65'SB'49	7	--	--	--	99	700	
	SUBTOTAL					**9**	**0**	**0**	**0**	**102**	**723**	
RAMPS	IH 39 SB OFF USH 51	LT	380'R2'+00	-	390'R2'+00	---	10	1000	25	70	1,000	INSIDE SHOULDER
	IH 39 SB OFF USH 51	RT	380'R2'+00	-	390'R2'+00	---	10	1000	40	110	1,000	OUTSIDE SHOULDER
	IH 39 SB ON USH 51	LT	371'R3'+00	-	378'R3'+00	---	7	700	20	50	700	INSIDE SHOULDER
	IH 39 SB ON USH 51	RT	371'R3'+00	-	378'R3'+00	---	7	700	30	80	700	OUTSIDE SHOULDER
	IH 39 NB OFF USH 51	LT	368'R4'+00	-	375'R4'+00	---	7	700	20	50	700	INSIDE SHOULDER
	IH 39 NB OFF USH 51	RT	368'R4'+00	-	375'R4'+00	---	7	700	30	80	700	OUTSIDE SHOULDER
	SUBTOTAL					**0**	**48**	**4800**	**165**	**440**	**4,800**	
	TOTAL					**9**	**54**	**53,201**	**2,439**	**3,736**	**53,932**	

*APPLICATION RATE IS 0.07 GAL/SY

Addendum No. 01
ID 1161-00-66
Revised Sheet 85
March 31, 2020

PROJECT NO: 1161-00-66	HWY: IH 39	COUNTY: COLUMBIA	MISCELLANEOUS QUANTITIES	SHEET 85	E

FILE NAME : PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

CULVERT PIPE ITEMS

	LOCATION	STA	OFFSET	206.2000 EXCAVATION FOR STRUCTURES CULVERTS (M-11-11) LS	206.5000.01 COFFERDAMS (M-11-11) LS	206.5000.02 COFFERDAMS (STA 23'J'+98) LS	206.5000.03 COFFERDAMS (STA 24'J'+08) LS	504.0900 CONCRETE MASONRY ENDWALLS CY	633.5200* MARKERS CULVERT END EACH	645.0105 GEOTEXTILE TYPE C SY	SPV.0060.09 SLIP-ON DUCKBILL CHECK VALVE 60-INCH EACH	SPV.0060.06 ALUMINUM STOP LOG SYSTEM 54-INCH EACH	COMMENTS
IH 39 SB RAMPS	IH 39 SB ON/OFF RAMPS	5'G'+16.50	48.6' LT	1	1	---	---	9	1	14	---	2	SEE CONSTRUCTION DETAILS FOR HEADWALL
	SUBTOTAL			**1**	**1**	**0**	**0**	**9**	**1**	**14**	**0**	**2**	
CASCADE MTN RD	CASCADE MOUNTAIN ROAD	23'J'+99.41	54.6' LT	---	---	1	---	----	1	---	1	---	
	CASCADE MOUNTAIN ROAD	24'J'+08	62.4' RT	---	---	---	1	---	---	---	---	---	
	SUBTOTAL			**0**	**0**	**1**	**1**	**0**	**1**	**0**	**1**	**0**	
			TOTAL	**1**	**1**	**1**	**1**	**9**	**2**	**14**	**1**	**2**	

***ADDITIONAL QUANTITIES ELSWHERE IN THE PLAN**

Addendum No. 01
ID 1161-00-66
Revised Sheet 91
March 31, 2020

STORM SEWER ITEMS

	LOCATION	STA	OFFSET	STA	OFFSET	520.8000 CONCRETE COLLARS FOR PIPE EACH	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	611.0610 INLET COVERS TYPE BW EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	633.5200* MARKERS CULVERT END EACH	SPV.0060.07 SLIP-ON DUCKBILL CHECK VALVE 18-INCH EACH	SPV.0060.08 SLIP-ON DUCKBILL CHECK VALVE 24-INCH EACH	SPV.0090.02 PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE LF	** COARSE AGGREGATE SIZE NO. 1 TON	** GEOTEXTILE FABRIC TYPE DF SCHEDULE B SY	COMMENTS
MAINLINE	IH 39 SB	57'SB'+06.07	27.9' LT	57'SB'+06.08	33' LT	1	---	5.1	---	---	---	---	---	---	---	---	---	PIPE P5
	IH 39 SB	57'SB'+06.08	33' LT	---	---	---	---	---	1	---	1	---	---	---	---	---	---	STRUCTURE 301
	IH 39 SB	57'SB'+06.08	33' LT	57'SB'+06.13	50.9' LT	---	---	17.9	---	---	---	1	---	1	---	---	---	PIPE P6 & STRUCTURE 201
	IH 39 SB	58'SB'+74.58	35.4' LT	---	---	---	---	---	1	---	1	---	---	---	---	---	---	STRUCTURE 401
	IH 39 SB	58'SB'+74.58	35.4' LT	59'SB'+06.94	35.3' LT	---	32	---	---	---	---	---	---	---	---	---	---	PIPE P1
	IH 39 SB	59'SB'+06.94	35.3' LT	---	---	---	---	---	1	---	1	---	---	---	---	---	---	STRUCTURE 402
	IH 39 SB	59'SB'+06.94	35.3' LT	59'SB'+58.74	34.5' LT	---	51.2	---	---	---	---	---	---	---	---	---	---	PIPE P2
	IH 39 SB	59'SB'+58.61	52.6' LT	59'SB'+58.74	34.5' LT	---	---	18.2	---	---	---	1	---	1	---	---	---	PIPE P8 & STRUCTURE 202
	IH 39 SB	59'SB'+58.74	34.5' LT	---	---	---	---	---	1	1	---	---	---	---	---	---	---	STRUCTURE 302, NO SUMP REQ'D
	IH 39 SB	59'SB'+58.74	34.5' LT	59'SB'+58.78	27.9' LT	1	---	6.5	---	---	---	---	---	---	---	---	---	PIPE P7
	IH 39 SB	61'SB'+00	33' LT	---	---	---	---	---	1	---	1	---	---	---	---	---	---	STRUCTURE 403
	IH 39 SB	61'SB'+00	33' LT	61'SB'+00	57' LT	---	24	---	---	---	---	1	1	---	---	---	---	PIPE P3 & STRUCTURE 203
	IH 39 SB	63'SB'+25	33' LT	---	---	---	---	---	1	---	1	---	---	---	---	---	---	STRUCTURE 404
	IH 39 SB	63'SB'+25	33' LT	63'SB'+25	57' LT	---	24	---	---	---	---	1	1	---	---	---	---	PIPE P4 & STRUCTURE 204
	IH 39 SB	58'SB'+45	28.75' LT	64'SB'+75	28.5' LT	---	---	---	---	---	---	---	---	---	616	61	432	---
					TOTAL	**2**	**131.2**	**47.7**	**6**	**1**	**5**	**4**	**2**	**2**	**616**	**61**	**432**	

***ADDITIONAL QUANTITIES ELSWHERE IN THE PLAN**
****FOR INFORMATION ONLY**

PROJECT NO: 1161-00-66	HWY: IH 39	COUNTY: COLUMBIA	MISCELLANEOUS QUANTITIES	SHEET 91	E

FILE NAME : PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ ORG DATE : _____ ORIGINATOR : DIST _ PLOT SCALE : 1:1

Proposal ID: 20200414002 **Project(s):** 1161-00-66

Federal ID(s): WISC 2020125

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	305.0110 Base Aggregate Dense 3/4-Inch	2,322.000 TON	_____.____	_____.____
0036	305.0120 Base Aggregate Dense 1 1/4-Inch	648.000 TON	_____.____	_____.____
0038	305.0500 Shaping Shoulders	54.000 STA	_____.____	_____.____
0040	311.0110 Breaker Run	20.000 TON	_____.____	_____.____
0042	415.0410 Concrete Pavement Approach Slab	175.000 SY	_____.____	_____.____
0044	415.6000.S Rout and Seal	53,201.000 LF	_____.____	_____.____
0046	416.0610 Drilled Tie Bars	1,967.000 EACH	_____.____	_____.____
0048	416.0620 Drilled Dowel Bars	4,468.000 EACH	_____.____	_____.____
0050	416.0754.S Concrete Pavement Partial Depth Repair Surface Repair	816.000 SF	_____.____	_____.____
0052	416.1710 Concrete Pavement Repair	1,633.000 SY	_____.____	_____.____
0054	416.1715 Concrete Pavement Repair SHES	80.000 SY	_____.____	_____.____
0056	416.1720 Concrete Pavement Replacement	6,082.000 SY	_____.____	_____.____
0058	416.1725 Concrete Pavement Replacement SHES	100.000 SY	_____.____	_____.____
0060	455.0605 Tack Coat	2,439.000 GAL	_____.____	_____.____
0062	460.2000 Incentive Density HMA Pavement	3,070.000 DOL	1.00000	3,070.00
0064	460.5224 HMA Pavement 4 LT 58-28 S	3,736.000 TON	_____.____	_____.____

Proposal ID: 20200414002 **Project(s):** 1161-00-66

Federal ID(s): WISC 2020125

SECTION: 0001 Contract Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0230	SPV.0060 Special 06. Aluminum Stop Log System 54-inch	2.000 EACH	_____.____	_____.____
0232	SPV.0090 Special 01. Repair/Replace Concrete Barrier	14.000 LF	_____.____	_____.____
0234	SPV.0090 Special 02. Pipe Underdrain (6-inch) with Geotextile Fabric and Aggregate	616.000 LF	_____.____	_____.____
0236	SPV.0060 Special 07. Slip-On Duckbill Check Valve 18-Inch	2.000 EACH	_____.____	_____.____
0238	SPV.0060 Special 08. Slip-On Duckbill Check Valve 24-Inch	2.000 EACH	_____.____	_____.____
0240	SPV.0060 Special 09. Slip-On Duckbill Check Valve 60-Inch	1.000 EACH	_____.____	_____.____
	Section: 0001		**Total:**	_____.____
			Total Bid:	_____.____