

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.	<u>1</u>	DATED	<u>10/8/2019</u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	<u>2</u>	DATED	<u>11/5/2019</u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	<u>3</u>	DATED	<u>11/20/2019</u>	ADDENDUM NO.	_____	DATED	_____

Number	Description
1	Postponed to November 26, 2019 Letting, EBSx Amendment Download Req'd.
2	Revised Table of Contents; Revised Advertisement; Revised NTB No. 1835; Deleted NTB Nos. 1837 & 1838; Added NTB Nos. 2062, & 2063; Revised Bid Items; Added Progress Schedule; Revised or Added Plan Sheet Nos. 2, 19-23; Amendment EBSx Download Required.
3	Revised Table of Contents; Deleted NTB No 2062; Revised NTB No. 2063; Revised Bid Items; Revised Progress Schedule; Revised or Added Plan Sheet Nos. 2, 19-23, 38, 60, 62-63, 66-68, 71-72, 74, 77, 82, 84, 93, 96, 100, 104, 108-111, 115, 119, 124, 127, 131, 135, 138, & 140; Amendment EBSx Download Required.

TOTAL ADDENDA: 3
 (Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

_____ Contractor

BY _____ Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

_____	President	Address
_____	Secretary	Address
_____	Treasurer	Address

The following is my (our) itemized proposal.
 HSIP-0008-00(005)/ 107464301000
 Forrest County(ies)

Revised 01/26/2016

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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PROJECT: HSIP-0008-00(005)/107464301 - Forrest

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OF SECTION 905 AS ADDENDA)

11/20/2019 11:16 AM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2063

CODE: (SP)

DATE: 11/20/2019

SUBJECT: Substitution for Jacked or Bored Concrete Pipe

PROJECT: HSIP-0008-00(005) / 107464301 – Forrest County

Bidders are hereby advised that the Contractor may be allowed to substitute steel pipe in areas where the contract specifies concrete jacked or bored pipe. The Contractor will be required to submit, for approval, design calculations stamped by a registered professional engineer with the following criteria considered at a minimum: PH, Resistivity, Corrosion, Wall Thicknesses, Dead and Live Loads.

If the steel pipe is approved for use, payment will be made under the appropriate pay item for concrete jacked or bored pipe.

Safety Improvements on US 49 from the Stone County Line to South Gate Road, known as Federal Aid Project No. HSIP-0008-00(005) / 107464301 in Forrest County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0008	201-B001		215	Acre	Clearing and Grubbing
0020	201-D002		4	Acre	Random Clearing
0030	202-B004		1,964	Square Yard	Removal of Asphalt Driveways, All Depths
0040	202-B007		82,909	Square Yard	Removal of Asphalt Pavement, All Depths
0050	202-B019		213	Linear Feet	Removal of Box Culvert
0060	202-B052		262	Square Yard	Removal of Concrete Driveways, All Depths
0080	202-B063		153	Square Yard	Removal of Concrete Paved Ditch
0082	202-B069		25,582	Square Yard	Removal of Concrete Pavement w/ Variable Depth Overlay
0090	202-B073		160	Square Yard	Removal of Concrete Pavement, All Depths
0100	202-B092		186	Linear Feet	Removal of Curb, All Types
0110	202-B098		3,300	Linear Feet	Removal of Debris and Sand From Box Culvert, Less Than 6-foot Width
0120	202-B114		11,500	Linear Feet	Removal of Debris and Sand From Pipe, All Sizes
0130	202-B158		975	Linear Feet	Removal of Guard Rail, Including Rails, Posts and Terminal Ends
0140	202-B163		4	Each	Removal of Inlet Tops
0150	202-B165		1	Each	Removal of Inlets, All Sizes
0160	202-B170		1	Each	Removal of Junction Box
0170	202-B191		3,662	Linear Feet	Removal of Pipe, 8" And Above
0180	202-B215		318	Each	Removal of Sign Including Post & Footing
0190	202-B229		257	Square Yard	Removal of Soil Cement, All Depths
0200	202-B240		9,250	Linear Feet	Removal of Traffic Stripe
0210	203-A001	(E)	404,900	Cubic Yard	Unclassified Excavation, FM, AH
0220	203-EX018	(E)	83,850	Cubic Yard	Borrow Excavation, AH, FME, Class B7-6
0230	203-G001	(E)	179,350	Cubic Yard	Excess Excavation, FM, AH
0240	206-A001	(S)	6,291	Cubic Yard	Structure Excavation
0250	206-B001	(E)	1,028	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0260	209-A005		266,900	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0270	211-B001	(E)	9,450	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0280	213-C001		140	Ton	Superphosphate
0290	216-A001		3,719	Square Yard	Solid Sodding
0300	217-A001		9,753	Square Yard	Ditch Liner
0310	219-A001		80	Thousand Gallon	Watering [\$20.00]
0320	220-A001		140	Acre	Insect Pest Control [\$30.00]

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	221-A001	(S)	293	Cubic Yard	Concrete Paved Ditch
0340	223-A001		1,674	Acre	Mowing [\$50.00]
0350	225-A001		279	Acre	Grassing
0360	225-B001		140	Ton	Agricultural Limestone
0370	225-C001		558	Ton	Mulch, Vegetative Mulch
0380	226-A001		279	Acre	Temporary Grassing
0390	227-A001		55	Acre	Hydroseeding
0400	234-A001		58,500	Linear Feet	Temporary Silt Fence
0410	234-C001		2,075	Linear Feet	Super Silt Fence
0420	234-D001		48	Each	Inlet Siltation Guard
0430	234-E001		48	Each	Reset Inlet Siltation Guard
0440	234-F001		70	Linear Feet	Turbidity Barrier
0450	236-A008		51	Each	Silt Basin, Type D
0460	237-A002		7,000	Linear Feet	Wattles, 20"
0470	239-A001		1,835	Linear Feet	Temporary Slope Drains
0480	246-A001		3,080	Linear Feet	Sandbags
0490	247-A001		2	Each	Temporary Stream Diversion
0500	249-A001		13,800	Ton	Riprap for Erosion Control
0510	403-A003	(BA1)	21,775	Ton	12.5-mm, ST, Asphalt Pavement
0520	403-A004	(BA1)	4,726	Ton	19-mm, HT, Asphalt Pavement
0530	403-A006	(BA1)	35,873	Ton	19-mm, ST, Asphalt Pavement
0540	403-A015	(BA1)	17,576	Ton	9.5-mm, ST, Asphalt Pavement
0550	403-C003	(BA1)	1,167	Ton	19-mm, ST, Asphalt Pavement, Trench Widening
0560	403-D001	(BA1)	17,418	Ton	12.5-mm, HT, Asphalt Pavement, Polymer Modified
0570	403-D007	(BA1)	14,276	Ton	9.5-mm, HT, Asphalt Pavement, Polymer Modified
0580	406-A002		17,947	Square Yard	Cold Milling of Bituminous Pavement, All Depths
0590	406-B001		765	Square Yard	Cold Milling of Concrete Pavement, All Depths
0600	407-A001	(A2)	53,966	Gallon	Asphalt for Tack Coat
0610	413-D003		600	Linear Feet	Cleaning and Filling Joints in PCC Pavement
0620	413-E001		40,152	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
0630	423-A001		17	Mile	Rumble Strips, Ground In
0640	501-D001		60	Linear Feet	Expansion Joints, With Dowels
0650	503-A003	(C)	160	Square Yard	9" and Variable Reinforced Concrete Pavement, Broom Finish
0660	503-C010		56,595	Linear Feet	Saw Cut, Full Depth

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0670	503-E002		188	Each	Tie Bars, No. 5 Deformed Drilled and Epoxied or Grouted
0680	503-F002		144	Each	1" Smooth Dowel Bars, Drilled & Epoxied or Grouted
0690	601-A001	(S)	1,015	Cubic Yard	Class "B" Structural Concrete
0700	601-B001	(S)	431	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0710	602-A001	(S)	180,537	Pounds	Reinforcing Steel
0720	603-ALT003	(S)	1,412	Linear Feet	18" Type A Alternate Pipe
0730	603-ALT006	(S)	220	Linear Feet	24" Type A Alternate Pipe
0740	603-ALT014	(S)	64	Linear Feet	42" Type A Alternate Pipe
0750	603-CA012	(S)	4,792	Linear Feet	18" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0760	603-CA027	(S)	1,384	Linear Feet	24" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0762	603-CA038	(S)	120	Linear Feet	24" Reinforced Concrete Pipe, Class V, Jacked or Bored
0780	603-CA041	(S)	1,400	Linear Feet	30" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0782	603-CA053	(S)	120	Linear Feet	30" Reinforced Concrete Pipe, Class V, Jacked or Bored
0800	603-CA056	(S)	768	Linear Feet	36" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0804	603-CA065	(S)	264	Linear Feet	36" Reinforced Concrete Pipe, Class V, Jacked or Bored
0820	603-CA067	(S)	296	Linear Feet	42" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0830	603-CA077	(S)	152	Linear Feet	48" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0832	603-CA086	(S)	88	Linear Feet	48" Reinforced Concrete Pipe, Class V, Jacked or Bored
0850	603-CA088	(S)	96	Linear Feet	54" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets
0860	603-CA100	(S)	336	Linear Feet	60" Reinforced Concrete Pipe, Class III, Rubber Type Gasket
0870	603-CB003	(S)	96	Each	18" Reinforced Concrete End Section
0880	603-CB004	(S)	37	Each	24" Reinforced Concrete End Section
0890	603-CB005	(S)	29	Each	30" Reinforced Concrete End Section
0900	603-CB006	(S)	11	Each	36" Reinforced Concrete End Section
0910	603-CB007	(S)	5	Each	42" Reinforced Concrete End Section
0920	603-CB008	(S)	3	Each	48" Reinforced Concrete End Section
0930	603-CB009	(S)	2	Each	54" Reinforced Concrete End Section
0940	603-CB010	(S)	1	Each	60" Reinforced Concrete End Section
0950	603-CE003	(S)	352	Linear Feet	22" x 13" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets
0960	603-CE009	(S)	160	Linear Feet	29" x 18" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets
0970	603-CE014	(S)	448	Linear Feet	36" x 23" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets
0980	603-CE019	(S)	232	Linear Feet	44" x 27" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets
0990	603-CE024	(S)	840	Linear Feet	51" x 31" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1000	603-CE029	(S)	504	Linear Feet	58" x 36" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets
1010	603-CF002	(S)	11	Each	22" x 13" Concrete Arch Pipe End Section
1020	603-CF003	(S)	4	Each	29" x 18" Concrete Arch Pipe End Section
1030	603-CF004	(S)	6	Each	36" x 23" Concrete Arch Pipe End Section
1040	603-CF005	(S)	5	Each	44" x 27" Concrete Arch Pipe End Section
1050	603-CF006	(S)	14	Each	51" x 31" Concrete Arch Pipe End Section
1060	603-CF007	(S)	5	Each	58" x 36" Concrete Arch Pipe End Section
1070	603-SB012	(S)	4	Each	18" Branch Connections, Stub into Box Culvert
1080	603-SB016	(S)	3	Each	18" Branch Connections, Stub into Concrete Pipe
1090	603-SB028	(S)	2	Each	24" Branch Connections, Stub into Box Culvert
1100	603-SB030	(S)	3	Each	24" Branch Connections, Stub into Concrete Pipe
1110	603-SB036	(S)	2	Each	30" Branch Connections, Stub into Box Culvert
1120	603-SB041	(S)	2	Each	36" Branch Connections, Stub into Box Culvert
1130	603-SB044	(S)	1	Each	36" x 23" Branch Connections, Stub into Box Culvert
1140	604-B001		11,750	Pounds	Gratings
1150	606-B001		1,950	Linear Feet	Guard Rail, Class A, Type 1
1160	606-C003		8	Each	Guard Rail, Cable Anchor, Type 1
1170	606-D023		2	Each	Guard Rail, Bridge End Section, Type I, Metal Post
1180	606-E007		10	Each	Guard Rail, Terminal End Section, Non-Flared
1190	609-B002	(S)	142	Linear Feet	Concrete Curb, Header
1200	609-D004	(S)	14,634	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
1210	609-D012	(S)	234	Linear Feet	Combination Concrete Curb and Gutter Type 3A Modified
1220	612-B001		68	Cubic Yard	Flowable Fill, Non-Excavatable
1230	614-B003	(S)	225	Square Yard	Concrete Driveway, With Reinforcement, 6-inch Thickness
1240	615-A022	(S)	240	Linear Feet	Concrete Type IV Modified Cast-in-Place Median Barrier
1250	616-A001	(S)	322	Square Yard	Concrete Median and/or Island Pavement, 10-inch
1260	616-A004	(S)	3,244	Square Yard	Concrete Median and/or Island Pavement, 4-inch
1270	617-B001		76	Each	Permanent Easement Marker
1280	618-A001		1	Lump Sum	Maintenance of Traffic
1290	619-A1001		23	Mile	Temporary Traffic Stripe, Continuous White
1300	619-A2001		20	Mile	Temporary Traffic Stripe, Continuous Yellow
1310	619-A3001		23	Mile	Temporary Traffic Stripe, Skip White
1320	619-A5001		79,451	Linear Feet	Temporary Traffic Stripe, Detail
1330	619-A6001		1,512	Square Feet	Temporary Traffic Stripe, Legend

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1340	619-A6002		2,774	Linear Feet	Temporary Traffic Stripe, Legend
1350	619-C6001		224	Each	Red-Clear Reflective High Performance Raised Marker
1360	619-D1001		301	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
1370	619-D2001		2,954	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
1380	619-E1001		5	Each	Flashing Arrow Panel, Type C
1390	619-F1001		6,260	Linear Feet	Concrete Median Barrier, Precast
1400	619-F2001		4,010	Linear Feet	Remove and Reset Concrete Median Barrier, Precast
1410	619-G4001		48	Linear Feet	Barricades, Type III, Double Faced
1420	619-G4005		588	Linear Feet	Barricades, Type III, Single Faced
1430	619-G5001		396	Each	Free Standing Plastic Drums
1440	619-G7001		43	Each	Warning Lights, Type "B"
1450	619-G8001		203	Each	Warning Lights, Type "C"
1460	619-J1005		2	Each	Impact Attenuator, 70 MPH
1470	619-J2005		2	Each	Impact Attenuator, 70 MPH, Replacement Package
1480	619-J3001		2	Each	Remove and Reset Impact Attenuator
1490	620-A001		1	Lump Sum	Mobilization
1500	626-A004		40	Mile	6" Thermoplastic Traffic Stripe, Skip White
1510	626-C002		34	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
1520	626-F001		30	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
1530	626-G002		126,569	Linear Feet	Thermoplastic Detail Stripe, White
1540	626-G003		73,553	Linear Feet	Thermoplastic Detail Stripe, Yellow
1550	626-H004		9,520	Square Feet	Thermoplastic Legend, White
1560	626-H005		2,251	Linear Feet	Thermoplastic Legend, White
1570	627-J001		854	Each	Two-Way Clear Reflective High Performance Raised Markers
1580	627-K001		6,906	Each	Red-Clear Reflective High Performance Raised Markers
1590	627-L001		5,485	Each	Two-Way Yellow Reflective High Performance Raised Markers
1600	630-A001		1,820	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
1610	630-A003		272	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
1620	630-A005		968	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness
1630	630-B002		1,100	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted
1640	630-C002		301	Linear Feet	Steel U-Section Posts, 2.0 lb/ft
1650	630-C003		4,272	Linear Feet	Steel U-Section Posts, 3.0 lb/ft
1660	630-D008		1,091	Linear Feet	Structural Steel Beams, W6 x 9

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1670	630-E002		1,018	Pounds	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles
1680	630-E004		1,054	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
1690	630-F002		80	Each	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow
1700	630-F006		85	Each	Delineators, Guard Rail, White
1710	630-G005		6	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted
1720	630-K001		343	Linear Feet	Welded & Seamless Steel Pipe Posts, 3 1/2"
1730	630-K002		662	Linear Feet	Welded & Seamless Steel Pipe Posts, 3"
1740	630-K003		34	Linear Feet	Welded & Seamless Steel Pipe Posts, 4"
1750	699-A001		1	Lump Sum	Roadway Construction Stakes
1760	805-A001	(S)	56,052	Pounds	Reinforcement
1770	815-A007	(S)	3,330	Ton	Loose Riprap, Size 300
1780	815-E001	(S)	3,159	Square Yard	Geotextile under Riprap
1790	815-F002	(S)	1,379	Ton	Sediment Control Stone
1800	907-228-A001		11,635	Square Yard	Erosion Control Blanket, Type I
1810	907-240-A001		17,636	Square Yard	Interlocking Flexible Block Erosion Control System
1820	907-250-A001		1,096	Pounds	Polyacrylamide (PAM)
1830	907-253-A001		4,793	Linear Feet	Coir Fiber Baffle
1840	907-619-E3001		6	Each	Changeable Message Sign
1850	907-619-E4001		2	Each	Portable Radar Display
1860	907-804-B001	(S)	578	Cubic Yard	Box Bridge Concrete, Class B
1870	907-906001		1,040	Hours	Trainees [\$5.00]
ALTERNATE GROUP AA NUMBER 1					
1880	304-F001	(GT)	113,300	Ton	3/4" and Down Crushed Stone Base
ALTERNATE GROUP AA NUMBER 2					
1890	304-F002	(GT)	113,300	Ton	Size 610 Crushed Stone Base
ALTERNATE GROUP AA NUMBER 3					
1900	304-F003	(GT)	113,300	Ton	Size 825B Crushed Stone Base
Bridge Items					
1910	206-A001	(S)	1,191	Cubic Yard	Structure Excavation
1920	209-A005		3,499	Square Yard	Geotextile Stabilization, Type V, Non-Woven
1930	601-A001	(S)	655	Cubic Yard	Class "B" Structural Concrete
1940	605-BB001	(S)	293	Square Yard	Prefabricated Sheet Drain
1950	605-X003	(GY)	1,976	Cubic Yard	Filter Material for Filter Beds, Type B
1960	803-D002	(S)	4,940	Linear Feet	HP 12 x 53 Steel Piling

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1970	803-D005	(S)	3,085	Linear Feet	HP 14 x 117 Steel Piling
1980	803-D006	(S)	760	Linear Feet	HP 14 x 73 Steel Piling
1990	803-D007	(S)	1,100	Linear Feet	HP 14 x 89 Steel Piling
2000	803-D009	(S)	475	Linear Feet	HP 16 x 141 Steel Piling
2010	805-A001	(S)	63,275	Pounds	Reinforcement
2020	810-A006	(S)	2,174	Pounds	Structural Steel, A 709, Grade 50
2030	820-A001	(S)	31	Thousand Board Feet	Treated Timber

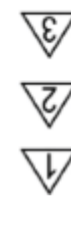
ADDENDUM

STATE	PROJECT NO.
MISS	HSIP-0008-00(005)

SUMMARY OF QUANTITIES (SHEET 1)

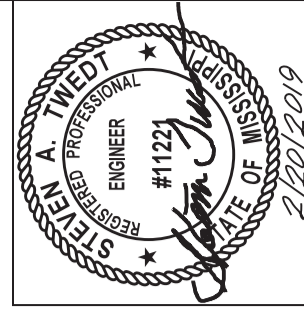
PAY ITEM NO.	PAY ITEM	UNIT	FORREST : 107464-301000	
			Prelim	Final
201-B001	Clearing and Grubbing	ACRE	215	
201-D002	Random Clearing	ACRE	4	
202-B004	Removal of Asphalt Driveways, All Depths	SY	1,964	
202-B007	Removal of Asphalt Pavement, All Depths	SY	82,909	
202-B019	Removal of Box Culvert	LF	213	
202-B052	Removal of Concrete Driveways, All Depths	SY	262	
202-B063	Removal of Concrete Paved Ditch	SY	153	
202-B069	Removal of Concrete Pavement w/ Variable Depth Overlay	SY	25,582	
202-B073	Removal of Concrete Pavement, All Depths	SY	160	
202-B092	Removal of Curb, All Types	LF	186	
202-B098	Removal of Debris and Sand From Box Culvert, Less Than 6-foot Width	LF	3,300	
202-B114	Removal of Debris and Sand From Pipe, All Sizes	LF	11,500	
202-B158	Removal of Guard Rail, Including Rails, Posts and Terminal Ends	LF	975	
202-B163	Removal of Inlet Tops	EA	4	
202-B165	Removal of Inlets, All Sizes	EA	1	
202-B170	Removal of Junction Box	EA	1	
202-B191	Removal of Pipe, 8" And Above	LF	3,662	
202-B215	Removal of Sign Including Post & Footing	EA	318	
202-B229	Removal of Soil Cement, All Depths	SY	257	
202-B240	Removal of Traffic Stripe	LF	9,250	
203-A001	Unclassified Excavation, FM, AH	CY	404,900	
203-EX018	Borrow Excavation, AH, FME, Class B7-6	CY	83,850	
203-G001	Excess Excavation, FM, AH	CY	179,350	
206-A001	Structure Excavation	CY	6,291	
206-B001	Select Material for Undercuts, Contractor Furnished, FM	CY	1,028	
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	266,900	
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	9,450	
213-C001	Superphosphate	TON	140	
216-A001	Solid Sodding	SY	3,719	
217-A001	Ditch Liner	SY	9,753	
219-A001	Watering	KGAL	80	
220-A001	Insect Pest Control	ACRE	140	
221-A001	Concrete Paved Ditch	CY	293	
223-A001	Mowing	ACRE	1,674	
225-A001	Grassing	ACRE	279	
225-B001	Agricultural Limestone	TON	140	
225-C001	Mulch, Vegetative Mulch	TON	558	
226-A001	Temporary Grassing	ACRE	279	
227-A001	Hydroseeding	ACRE	55	
907-228-A001	Erosion Control Blanket, Type I	SY	11,635	
234-A001	Temporary Silt Fence	LF	58,500	

- 1 TO BE USED AT LOCAL ROADS AND OUTSIDE AREAS AS DIRECTED BY THE ENGINEER.
- 2 TO BE USED FOR REMOVAL OF EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH TEMPORARY MARKINGS OR AS DIRECTED BY ENGINEER.
- 3 ESTIMATED FREQUENCY 2 MOWINGS PER YEAR OR AS DIRECTED BY THE ENGINEER.
- 4 INCLUDES TERMINAL END SECTIONS, FOOTINGS AND OTHER APPURTENANCES.
- 5 ALSO TO BE USED IN THE PLANTING AND ESTABLISHING OF SOLID SOD.
- 6 ESTIMATED QUANTITY. ACTUAL QUANTITY AS DIRECTED BY THE ENGINEER.
- 7 CLEARING DEBRIS TO BE MULCHED ON SITE AS DIRECTED BY THE ENGINEER AND USED FOR TEMPORARY GROUND STABILIZATION.
- 8 INCLUDES 197 CY FOR REMOVAL IN PUNCHOUTS.
- 9 INCLUDES 344 SY FOR REMOVAL IN PUNCHOUTS.
- 10 INCLUDES 620 SY FOR REMOVAL IN PUNCHOUTS.
- 11 INCLUDES 910 SY FOR MAINLINE PUNCHOUTS.
- 12 USED FOR MAINLINE PUNCHOUTS.
- 13 QUANTITY ROUNDED UP TO THE NEAREST 50 OR 100 UNITS.
- 14 INCLUDES THE QUANTITY FOR PAVED FLUMES, SLOPE PAVING AND APRONS AT MEDIAN INLETS: CONCRETE PAVED DITCH: 230.095 CY; MEDIAN INLET APRONS: 25.536 CY; PAVED FLUMES: 31.969 CY; SLOPE PAVING: 5.400 CY
- 15 INCLUDES ALL TEMPORARY AND PERMANENT EASEMENTS.
- 16 ANY MUCK EXCAVATION SHALL BE CONSIDERED EXCESS EXCAVATION.
- 17 INCLUDES 16610 CY FOR SHOULDERS ALONG TURN LAMES, SB RECONSTRUCTION AREAS AND DETOUR ROADS.
- 18 INCLUDES REMOVAL OF TEMPORARY PIPE.



Revised Pay Item	Deleted Pay Item and Added New	Revised Qty./Added Note/Revised	Date
BH	BH		11/19/2019
BH	BH		10/07/2019
Revision			

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES**



PROJ NO: HSIP-0008-00(005)	Working Number
COUNTY: FORREST	SQ-1
FILENAME: SQS	Sheet Number
Design Team MSI	19
Checked	Date 11/19/19

ADDENDUM

STATE	PROJECT NO.
MISS	HSIP-0008-00(005)

SUMMARY OF QUANTITIES (SHEET 2)

PAY ITEM NO.	PAY ITEM	UNIT	FORREST : 107464-301000	
			Prelim	Final
234-C001	Super Silt Fence	LF	2,075	
234-D001	Inlet Siltation Guard	EA	48	
234-E001	Reset Inlet Siltation Guard	EA	48	③
234-F001	Turbidity Barrier	LF	70	③
236-A008	Silt Basin, Type D	EA	51	
237-A002	Wattles, 20"	LF	7,000	③
239-A001	Temporary Slope Drains	LF	1,835	
907-240-A001	Interlocking Flexible Block Erosion Control System	SY	17,636	⑬ ③
246-A001	Sandbags	LF	3,080	
247-A001	Temporary Stream Diversion	EA	2	
249-A001	Riprap for Erosion Control	TON	13,800	③ ⑮
907-250-A001	Polyacrylamide (PAM)	LBS	1,096	
907-253-A001	Coir Fiber Baffle	LF	4,793	
304-F001	3/4" and Down Crushed Stone Base	TON	113,300	④ ⑨ ⑭
	OR			
304-F002	Size 610 Crushed Stone Base	TON	113,300	④ ⑨ ⑭
	OR			
304-F003	Size 825B Crushed Stone Base	TON	113,300	④ ⑨ ⑭
403-A003	12.5-mm, ST, Asphalt Pavement	TON	21,775	① ①
403-A004	19-mm, HT, Asphalt Pavement	TON	4,726	⑪ ①
403-A006	19-mm, ST, Asphalt Pavement	TON	35,873	⑩ ①
403-A015	9.5-mm, ST, Asphalt Pavement	TON	17,576	② ①
403-C003	19-mm, ST, Asphalt Pavement, Trench Widening	TON	1,167	
403-D001	12.5-mm, HT, Asphalt Pavement, Polymer Modified	TON	17,418	
403-D007	9.5-mm, HT, Asphalt Pavement, Polymer Modified	TON	14,276	
406-A002	Cold Milling of Bituminous Pavement, All Depths	SY	17,947	
406-B001	Cold Milling of Concrete Pavement, All Depths	SY	765	
407-A001	Asphalt for Tack Coat	GAL	53,966	⑬
413-D003	Cleaning and Filling Joints in PCC Pavement	LF	600	⑬
413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	LF	40,152	
423-A001	Rumble Strips, Ground In	MI	17	
501-D001	Expansion Joints, With Dowels	LF	60	⑧
503-A003	9" and Variable Reinforced Concrete Pavement, Broom Finish	SY	160	⑧
503-C010	Saw Cut, Full Depth	LF	56,595	⑤ ⑫
503-E002	Tie Bars, No. 5 Deformed Drilled and Epoxied or Grouted	EA	188	⑧
503-F002	1" Smooth Dowel Bars, Drilled & Epoxied or Grouted	EA	144	⑧
601-A001	Class "B" Structural Concrete	CY	1,015	
601-B001	Class "B" Structural Concrete, Minor Structures	CY	431	⑥
602-A001	Reinforcing Steel	LBS	180,537	⑦

- ① INCLUDES 130 TONS FOR DRIVEWAYS.
- ② INCLUDES 98 TONS FOR DRIVEWAYS.
- ③ ESTIMATED QUANTITY. ACTUAL QUANTITY AS DIRECTED BY THE ENGINEER.
- ④ INCLUDES A 20% INCREASE FROM CALCULATED QUANTITY.
- ⑤ INCLUDES SAWCUTS ALONG MAINLINE FOR CROSSEOVERS, GUARDRAIL PADS, LOCAL ROADS AND TURN LANE PAVEMENT REMOVAL.
- ⑥ DRAINAGE STRUCTURES: 295.387 CY; JUNCTION BOXES: 94.619 CY; ROADSIDE SIGNS: 40,870 CY
- ⑦ DRAINAGE STRUCTURES: 23442.02 LBS; JUNCTION BOXES: 6435.98 LBS; BOX CULVERTS: 148681.00 LBS; ROADSIDE SIGNS: 1977.50 LBS
- ⑧ USED FOR MAINLINE PUNCHOUTS.
- ⑨ CALCULATED QUANTITIES FOR CRUSHED STONE: PAVEMENT STRUCTURE BASE: 67269 TONS; MAINLINE PUNCHOUTS: 286 TONS; UNDER ISLAND PAVING/CURB: 3351 TONS; SHOULDER SURFACING: 23080 TONS; DRIVEWAYS: 394 TONS INCLUDES 558 TONS FOR MAINLINE PUNCHOUTS.
- ⑩ INCLUDES 158 TONS FOR MAINLINE PUNCHOUTS.
- ⑪ INCLUDES 2764 LF FOR MAINLINE PUNCHOUTS.
- ⑫ TO BE USED FOR SURFACE SMOOTHNESS CORRECTION ON NB BRIDGE APPROACH FROM APPROX. STA. 78+50 TO STA. 81+00 AS DIRECTED BY ENGINEER.
- ⑬ QUANTITY ROUNDED UP TO THE NEAREST 50 OR 100 UNITS.
- ⑭ RIPRAP FOR EROSION CONTROL: TYPE D SILT BASINS: 12585 TONS ROCK DITCH CHECKS: 1215 TONS QUANTITIES BASED ON AN 8 FOOT WIDTH ALONG ROADSIDE AND MEDIAN DITCHES AS SHOWN ON THE PLANS.
- ⑮
- ⑯



MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

Revised Pay Item	Revision
Revised Qty./Added Note/Revised	
11/19/2019	
Revised Pay Item Quantities	
06/03/2019	

PROJ NO: HSIP-0008-00(005)
 COUNTY: FORREST

FILENAME: SQS
 Design Team MSI

Working Number
 SQ-2

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ADDENDUM


STATE	PROJECT NO.
MISS	HSIP-0008-00(005)

SUMMARY OF QUANTITIES (SHEET 3)

PAY ITEM NO.	PAY ITEM	UNIT	FORREST : 107464-301000	
			Prelim	Final
603-ALT003	18" Type A Alternate Pipe	LF	1,412	
603-ALT006	24" Type A Alternate Pipe	LF	220	
603-ALT014	42" Type A Alternate Pipe	LF	64	
603-CA012	18" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	LF	4,792	
603-CA027	24" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	LF	1,384	
603-CA038	24" Reinforced Concrete Pipe, Class V, Jacked or Bored	LF	120	
603-CA041	30" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	LF	1,400	
603-CA053	30" Reinforced Concrete Pipe, Class V, Jacked or Bored	LF	120	
603-CA056	36" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	LF	768	
603-CA065	36" Reinforced Concrete Pipe, Class V, Jacked or Bored	LF	264	
603-CA067	42" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	LF	296	
603-CA077	48" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	LF	152	
603-CA086	48" Reinforced Concrete Pipe, Class V, Jacked or Bored	LF	88	
603-CA088	54" Reinforced Concrete Pipe, Class III, Rubber Type Gaskets	LF	96	
603-CA100	60" Reinforced Concrete Pipe, Class III, Rubber Type Gasket	LF	336	
603-CB003	18" Reinforced Concrete End Section	EA	96	
603-CB004	24" Reinforced Concrete End Section	EA	37	
603-CB005	30" Reinforced Concrete End Section	EA	29	
603-CB006	36" Reinforced Concrete End Section	EA	11	
603-CB007	42" Reinforced Concrete End Section	EA	5	
603-CB008	48" Reinforced Concrete End Section	EA	3	
603-CB009	54" Reinforced Concrete End Section	EA	2	
603-CB010	60" Reinforced Concrete End Section	EA	1	
603-CE003	22" x 13" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets	LF	352	
603-CE009	29" x 18" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets	LF	160	
603-CE014	36" x 23" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets	LF	448	
603-CE019	44" x 27" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets	LF	232	
603-CE024	51" x 31" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets	LF	840	
603-CE029	58" x 36" Concrete Arch Pipe, Class A III, Flexible Plastic Gaskets	LF	504	
603-CF002	22" x 13" Concrete Arch Pipe End Section	EA	11	
603-CF003	29" x 18" Concrete Arch Pipe End Section	EA	4	
603-CF004	36" x 23" Concrete Arch Pipe End Section	EA	6	
603-CF005	44" x 27" Concrete Arch Pipe End Section	EA	5	
603-CF006	51" x 31" Concrete Arch Pipe End Section	EA	14	
603-CF007	58" x 36" Concrete Arch Pipe End Section	EA	5	
603-SB012	18" Branch Connections, Stub into Box Culvert	EA	4	
603-SB016	18" Branch Connections, Stub into Concrete Pipe	EA	3	
603-SB028	24" Branch Connections, Stub into Box Culvert	EA	2	
603-SB030	24" Branch Connections, Stub into Concrete Pipe	EA	3	
603-SB036	30" Branch Connections, Stub into Box Culvert	EA	2	
603-SB041	36" Branch Connections, Stub into Box Culvert	EA	2	
603-SB044	36" x 23" Branch Connections, Stub into Box Culvert	EA	1	

- ① ③
- ② ③
- ③

- ① 18" ALTERNATE PIPE: SIDE DRAINS: 912 LF; TEMPORARY: 500 LF
- ② 24" ALTERNATE PIPE: SIDE DRAINS: 160 LF; TEMPORARY: 60 LF
- ③ ZINC COATED CORRUGATED METAL PIPE, 12 GAUGE (2-2/3" X 1/2") OR BITUMINOUS COATED CORRUGATED METAL PIPE, 14 GAUGE (2-2/3" X 1/2") OR BITUMINOUS COATED PAVED INVERT CORRUGATED METAL PIPE, 14 GAUGE (2-2/3" X 1/2") OR ALUMINUM COATED CORRUGATED METAL PIPE, 16 GAUGE (2-2/3" X 1/2") OR ALUMINUM COATED PAVED INVERT CORRUGATED METAL PIPE, 16 GAUGE (2-2/3" X 1/2") OR REINFORCED CONCRETE PIPE, CLASS "III" OR CORRUGATED POLYETHYLENE PIPE OR POLY VINYL CHLORIDE (PVC) PIPE.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES	
	
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PROJ NO: HSIP-0008-00(005)	
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MISS	HSIP-0008-00(005)

SUMMARY OF QUANTITIES (SHEET 4)


PAY ITEM NO.	PAY ITEM	UNIT	FORREST : 107464-301000	
			Prelim	Final
604-B001	Gratings	LBS	11,750	
606-B001	Guard Rail, Class A, Type 1	LF	1,950	
606-C003	Guard Rail, Cable Anchor, Type 1	EA	8	
606-D023	Guard Rail, Bridge End Section, Type I, Metal Post	EA	2	
606-E007	Guard Rail, Terminal End Section, Non-Flared	EA	10	
609-B002	Concrete Curb, Header	LF	142	
609-D004	Combination Concrete Curb and Gutter Type 2 Modified	LF	14,634	
609-D012	Combination Concrete Curb and Gutter Type 3A Modified	LF	234	
612-B001	Flowable Fill, Non-Excavatable	CY	68	
614-B003	Concrete Driveway, With Reinforcement, 6-inch Thickness	SY	225	
615-A022	Concrete Type IV Modified Cast-in-Place Median Barrier	LF	240	
616-A001	Concrete Median and/or Island Pavement, 10-inch	SY	322	
616-A004	Concrete Median and/or Island Pavement, 4-inch	SY	3,244	
617-B001	Permanent Easement Marker	EA	76	
618-A001	Maintenance of Traffic	LS	1	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	23	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	20	
619-A3001	Temporary Traffic Stripe, Skip White	MI	23	
619-A5001	Temporary Traffic Stripe, Detail	LF	79,451	
619-A6001	Temporary Traffic Stripe, Legend	SF	1,512	
619-A6002	Temporary Traffic Stripe, Legend	LF	2,774	
619-C6001	Red-Clear Reflective High Performance Raised Marker	EA	224	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	301	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	2,954	
619-E1001	Flashing Arrow Panel, Type C	EA	5	
907-619-E3001	Changeable Message Sign	EA	6	
907-619-E4001	Portable Radar Display	EA	2	
619-F1001	Concrete Median Barrier, Precast	LF	6,260	
619-F2001	Remove and Reset Concrete Median Barrier, Precast	LF	4,010	
619-G4001	Barricades, Type III, Double Faced	LF	48	
619-G4005	Barricades, Type III, Single Faced	LF	588	
619-G5001	Free Standing Plastic Drums	EA	396	
619-G7001	Warning Lights, Type "B"	EA	43	
619-G8001	Warning Lights, Type "C"	EA	203	
619-J1005	Impact Attenuator, 70 MPH	EA	2	
619-J2005	Impact Attenuator, 70 MPH, Replacement Package	EA	2	
619-J3001	Remove and Reset Impact Attenuator	EA	2	

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- ① LENGTH OF GUARDRAIL REQUIRED IS BASED ON A TERMINAL SECTION OF 37.5 FEET BEING USED. FOR ANY OTHER LENGTH TERMINAL SECTION, THE LENGTH OF NORMAL GUARDRAIL WILL BE ADJUSTED.
- ② TO BE USED IN ADVANCE OF WORK ZONES AS DIRECTED BY THE ENGINEER.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES	
	
PROJ NO: HSIP-0008-00(005)	Working Number
COUNTY: FORREST	SQ-4
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STATE	PROJECT NO.
MISS	HSIP-0008-00(005)

SUMMARY OF QUANTITIES (SHEET 5)

PAY ITEM NO.	PAY ITEM	UNIT	FORREST : 107464-301000	
			Prelim	Final
620-A001	Mobilization	LS	1	
626-A004	6" Thermoplastic Traffic Stripe, Skip White	MI	40	
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	34	
626-F001	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow	MI	30	
626-G002	Thermoplastic Detail Stripe, White	LF	126,569	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	73,553	
626-H004	Thermoplastic Legend, White	SF	9,520	
626-H005	Thermoplastic Legend, White	LF	2,251	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	854	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	6,906	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	5,485	
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	1,820	
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	272	
630-A005	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness	SF	968	
630-B002	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted	SF	1,100	
630-C002	Steel U-Section Posts, 2.0 lb/ft	LF	301	
630-C003	Steel U-Section Posts, 3.0 lb/ft	LF	4,272	
630-D008	Structural Steel Beams, W6 x 9	LF	1,091	
630-E002	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles	LBS	1,018	
630-E004	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar	LBS	1,054	
630-F002	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow	EA	80	
630-F006	Delineators, Guard Rail, White	EA	85	
630-G005	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted	EA	6	
630-K001	Welded & Seamless Steel Pipe Posts, 3 1/2"	LF	343	
630-K002	Welded & Seamless Steel Pipe Posts, 3"	LF	662	
630-K003	Welded & Seamless Steel Pipe Posts, 4"	LF	34	
699-A001	Roadway Construction Stakes	LS	1	
907-804-B001	Box Bridge Concrete, Class B	CY	578	
805-A001	Reinforcement	LBS	56,052	
815-A007	Loose Riprap, Size 300	TON	3,330	
815-E001	Geotextile under Riprap	SY	3,159	
815-F002	Sediment Control Stone	TON	1,379	

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- ① ESTIMATED QUANTITY. ACTUAL QUANTITY AS DIRECTED BY THE ENGINEER.
- ② SEDIMENT CONTROL STONE: TYPE D SILT BASINS: 1358 TONS
ROCK FILTER DAMS: 21 TONS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES	
	
PROJ NO: HSIP-0008-00(005)	Working Number
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ADDENDUM

ESTIMATED EARTHWORK QUANTITIES

WK. SHT. NO.	OUTSIDE SB (L.T.)		MEDIAN		OUTSIDE NB (RT.)		BORROW (E7-6) = FILL - (CUT / 1.25)	UNCLASSIFIED		EXCESS = CUT - (FILL x 1.25)	REMARKS	
	CUT	FILL	CUT	FILL	CUT	FILL		= CUT	= 1.25 x FILL			
3	339	30	12113	4913								
4			10637	3486								
5	2696	32	18055	5094								
6			11080	6988								
7			4918	13975								
8	486	406	13847	8343								
9	1047	336	12488	4636	431	304						
10			20442	9274								
11	593	84	14922	9695								
12			10507	11836								
13	373	920	6044	8195	124	418	941				EXTRA BORROW FOR OUTSIDE ONLY	
14			13165	5187								
15			7439	5289								
16			9018	1919								
17			14240	2343	258	11						
18	898	127	7887	6205	32							
19	940	1024	13304	6459	1952	139	272				EXTRA BORROW FOR OUTSIDE ONLY	
20	909	2051	2660	9465	1071	1981	2448				EXTRA BORROW FOR OUTSIDE ONLY	
SEGMENT 1 - B.O.P. TO STA. 81+00												
LT.	8281	5010						6263	2019			
MED.		202766	123302					154128	48639			
RT.					3868	2853	3661		302			
21	254	1740	1174	5821	1082	864						
22	1237	2726	3309	3463	2684	292						
23	1925	1527	3541	6624	878	2038						
24	2481	1266	2941	3804	1889	176						
25	1731	1607	7198	4447	1019	411						
26	1024	1474	4039	3121								
27	2248	2233	15366	6575								
28	2501	2935	20342	9737								
29	1399	3188	13548	6141								
30	321	1281	9620	3113								
31	743	824	18301	3675	1629	175						
32	3300	2254	18062	7634								
33	1285	603	12204	2720	521	212						
34	2479	2216	7997	7154	1215	390						
35	6632	1622	14825	11961	393	299						
36	1640	3142	13551	11076								
37	3714	2655	4359	5085								
SEGMENT 2 - STA. 96+00 TO E.O.P.												
LT.	34914	33293					5362	34914				
MED.		170377	102151					127689	42688			
RT.					11310	4857		6071	5239			
25A			2450	430				538	1913		SB DETOUR ROAD - SITE 1	
29A			2855	2133				2666	189		SB DETOUR ROAD - SITE 2	
30A			3769	2349				2936	833		SB DETOUR ROAD - SITE 3	
31A			2553	8986			6944	2553			SB DETOUR ROAD - SITE 4	
32A			2538	2383			2333	6483			SB DETOUR ROAD - SITE 5	
33A			3945	5136							SB DETOUR ROAD - SITE 5	
SB DETOUR ROAD CONSTRUCTION - SITES 1 THRU 5												
MED.			18110	21417			9277	9036	6140	2935		
25L	6056	683	4056	475				1448	8665		SB RECONSTRUCTION - SITE 1	
29L	4754	281	2837	66				434	7157		SB RECONSTRUCTION - SITE 2	
30L	3439	4168	4718	5778			3420	8157			SB RECONSTRUCTION - SITE 3	
31L	10226	10189	8232	10386			5809	18458			SB RECONSTRUCTION - SITE 4	
32L	7551	5846	13528	7499				16681	4398		SB RECONSTRUCTION - SITE 5	
33L	8986	5107	20293	4386			39696	11866	17413		SB RECONSTRUCTION - SITE 5 UNDERCUT (IF REQ'D.)	
SB RECONSTRUCTION - SITES 1 THRU 5												
LT.	41012	26274					9229	26615	30429	37633		
MED.			53684	28590				70565	334286			
								UNITS	CU. YDS.	CU. YDS.	CU. YDS.	
									67225	404851	179151	
								PROJECT TOTALS				

WK. SH. NO.	DITCH LINER	INTERLOCKING FLEXIBLE BLOCK Δ	CONCRETE DITCH	SOLID SOD	RIPRAP 300#	GEOTEXTILE	REMARKS
3	65	568	3	52			
4	156	332	1	8			
5	849	200	2	39			
6			1	8			
7	508	780	2	25			
8	504	334		247			
9	620	500	4	123			
10		966	4	50			
11	325	602	29	215			
12	115	224	1	8			
13			47	269	838	795	
14	227	148		155	147	147	
15	180		2	17	53	51	
16							
17							
18	90	1158	2	59			
19	854	196	3	72	41	39	
20			5	143			
21			2	78	660	626	
22	891	464	4	176	285	270	
23	44	198	6	210	92	87	
24	461	382	5	210			
25	231	618	52	383	47	45	
26		324	24	179			
27	345	708			576	546	
28	355	862	3	50	245	233	
29		532			67	63	
30	218	1060	14	147	101	96	
31	564	482	14	251			
32	172	1120	1	8	40	38	
33	556	642	3	53	79	75	
34	464	334	4	160	33	31	
35	281	2498	22	196	18	17	
36	142	1031	33	283			
37	536	373					
UNITS	SQ. YD.	SQ. YD.	CU. YD.	SQ. YD.	TON	SQ. YD.	
TOTALS	9753	17636 Δ	293	3719	3330	3159	

* INCLUDES QUANTITIES FOR PAVED FLUMES, APRONS AT MEDIAN INLETS, AND SLOPE PAVING BEHIND TYPE IV MOD. CAST-IN-PLACE MEDIAN BARRIER.
 * QUANTITIES FOR INTERLOCKING FLEXIBLE BLOCK ARE BASED ON AN 8 FOOT WIDTH ALONG ROADSIDE AND MEDIAN DITCHES AS SHOWN ON THE PLANS.
 Δ (SEE PLAN & PROFILE SHEETS FOR LOCATIONS)

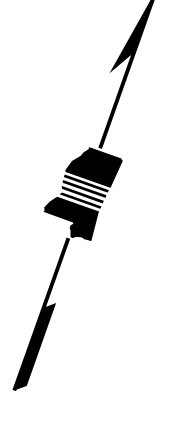
BY	CRH
REVISION	
DATE	11/19/19
DESIGN TEAM	NSI
CHECKED	
DATE	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ESTIMATED QUANTITIES
 EARTHWORK AND PERMANENT EROSION CONTROL
 PROJ. NO.: HSIP-0008-00(005)
 COUNTY: FORREST

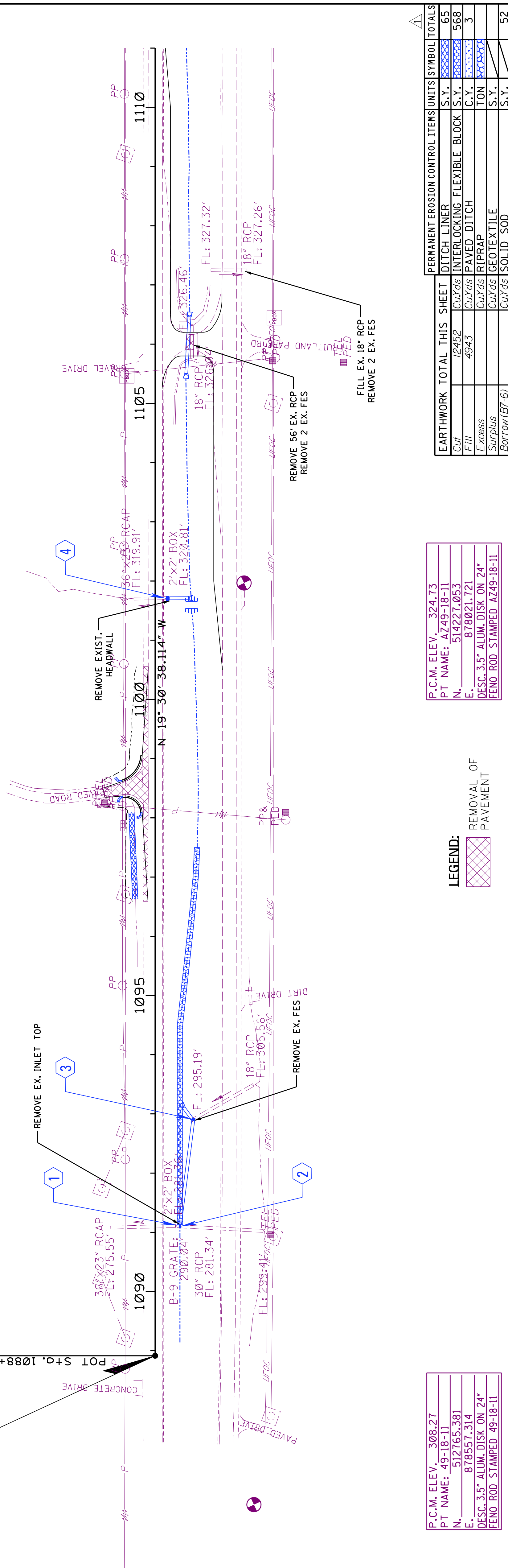
FILENAME: EQ-Earthwork.dgn
 WORKING NUMBER
EQ-15
 SHEET NUMBER
38

ADDENDUM

STATE	PROJECT NO.
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BEGIN PROJECT
STA. 1088+91



- PUBLIC UTILITIES:**
- AT&T DISTRIBUTION (800) 371-5417
 - CENTERPOINT ENERGY LAUREL/COLUMBIA (855) 277-4735
 - MS POWER CO. COAST PEARL RIVER VALLEY EPA WIGGINS (601) 928-7277
 - NEW ZION UTILITIES (601) 528-1020
 - FL GAS TRANSMISSION-ENERGY TRANSFER BROOKLYN UTILITY ASSOC. INC. IN-LINE 1 (281) 651-1126

P.C.M. ELEV. 308.27
PT NAME: 49-18-11
N. 512765.381
E. 878557.314
DESC. 3.5' ALUM. DISK ON 24"
FENO. ROD STAMPED 49-18-11

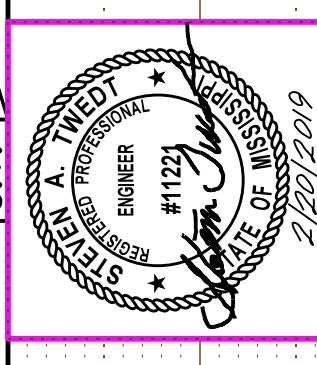
P.C.M. ELEV. 324.73
PT NAME: A249-18-11
N. 514221.053
E. 878021.721
DESC. 3.5' ALUM. DISK ON 24"
FENO. ROD STAMPED A249-18-11

LEGEND:

- REMOVAL OF PAVEMENT

EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
CUT 12452	DITCH LINER	S.Y.		65
FILL 4943	INTERLOCKING FLEXIBLE BLOCK	S.Y.		568
	PAVED DITCH	C.Y.		3
	RIPRAP	TON		3
	GEOTEXTILE	S.Y.		52
	SOLID SOD	S.Y.		52

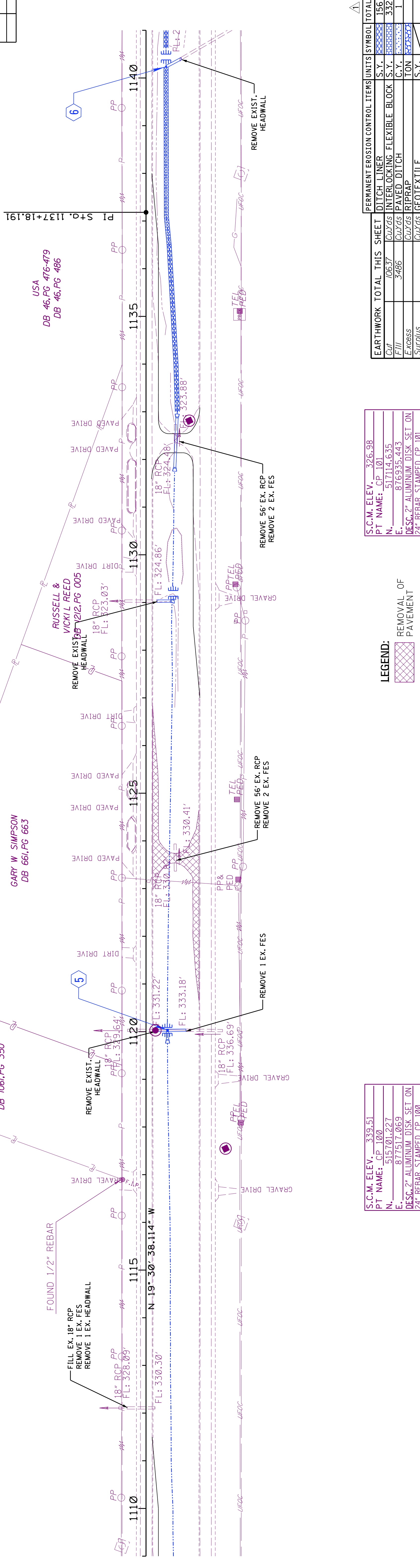
STATION	ELEVATION	DESCRIPTION	STATION	ELEVATION	DESCRIPTION
1089	310.47		1090	313.02	295.91
1091	313.96	295.83	1092	314.98	298.51
1093	316.01	303.17	1094	317.26	308.25
1095	318.44	313.28	1096	319.58	318.21
1097	320.71	322.56	1098	321.79	325.20
1099	322.94	326.19	1100	324.03	326.23
1101	325.17	326.24	1102	326.33	326.20
1103	327.46	326.33	1104	328.58	326.75
1105	329.70	327.45	1106	330.85	328.37
1107	331.93	329.34	1108	333.06	330.25
1109	334.18	331.31	1110	335.37	332.29
350		STA. 1091+10.40 MEDIUM MODIFY EXIST. B-9 INLET REMOVE INLET TO GRADE INSTALL JB-1 LID LID ELEV.: 285.11 INVERT ELEV.: 281.36			
340		STA. 1091+10.40 MEDIUM M-I-A REQ'D. GRATE ELEV.: 291.95 INVERT ELEV.: 281.82 PA-I REQ'D.			
330		STA. 1092+90.74 NB LT MEDIUM W1 = 18" RCP W2 = 18" RCP W3 = 18" RCP INVERT ELEV.: 294.99 24" - 18" RCP REQ'D. 1 - FES REQ'D.			
320		STA. 1101+59 MEDIUM DITCH PLUG REQ'D.			
310		STA. 1101+70.22 SB RT JB-IA REQ'D. W1 = 2'X2' BOX W3 = 36"X23" RCAP INVERT ELEV.: 320.81 24" - 36"X23" RCAP 1 - FES REQ'D.			
300		STA. 105+50 - 1106+46 MEDIUM 96" - 36"X23" RCAP REQ'D. IN CROSSOVER 2 - FES REQ'D. USFL: 324.27 DSFL: 323.62			
290		STA. 1106+00 CROSSOVER MOD. REQ'D.			
280		STA. 1107+24.41 NB FILL EX. 18" RCP REQ'D.			



ADDENDUM

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S.C.M. ELEV. 339.51

PT NAME: CP 100

N. 515.001.227

E. 877517.069

DESC. 2" ALUMINUM DISK SET ON 24" REBAR STAMPED CP 100

S.C.M. ELEV. 326.98

PT NAME: CP 101

N. 517114.635

E. 876935.443

DESC. 2" ALUMINUM DISK SET ON 24" REBAR STAMPED CP 101

LEGEND:

REMOVAL OF PAVEMENT

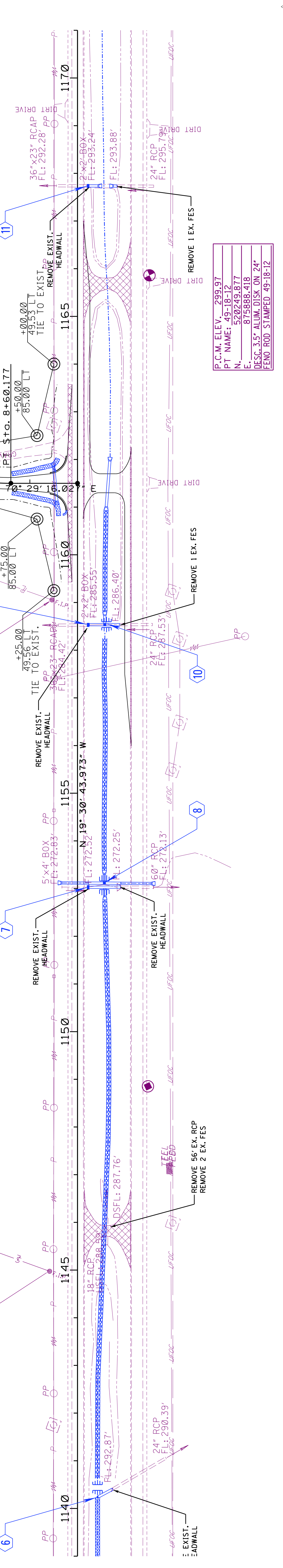
PERMANENT EROSION CONTROL ITEMS		UNITS	SYMBOL	TOTALS
EARTHWORK	TOTAL THIS SHEET			156
CUT	106.37	CuYds	INTERLOCKING FLEXIBLE BLOCK	332
FILL	3486	CuYds	PAVED DITCH	1
EXCESS			RIPRAP	
SURPLUS			GEOTEXTILE	
BORROW (B7-6)			SOLID SOD	8

350	STA. 1112+10.83 SB FILL EX. 18" RCP REQD.	1.1%	350	511.40	301.48
340	STA. 1123+64 REMOVE CROSSOVER		340	514.53	304.80
330	STA. 1120+00 MEDIAN DITCH PLUG REQD. W1 = 18" RCP W3 = 18" RCP W4 = 18" RCP INVERT ELEV.: 331.26 88" - 18" RCP REQD. 1 - FES REQD. 2 - PC-1 REQD.	0.50%	330	517.54	309.08
320	STA. 1123+64 REMOVE CROSSOVER		320	520.43	313.62
310	STA. 1120+00 SB RT 24" - 18" RCP REQD. 1 - FES REQD. DITCH PLUG REQD.		310	523.11	318.15
300	STA. 1132+34 CROSSOVER MOD. REQD.		300	525.25	322.65
290	STA. 1131+84 - 1132+86 MEDIAN 104" - 18" RCP REQD. IN CROSSOVER 2 - FES REQD. USE FL 322.91 DSEFL: 321.81		290	527.18	326.39
280	STA. 1132+34 CROSSOVER MOD. REQD.		280	528.64	328.85
SB EXIST. GRADE				529.76	330.12
NB EXIST. GRADE				530.71	330.56
				531.87	331.01
				532.90	331.49
				533.94	331.92
				534.92	332.50
				535.97	332.96
				536.99	333.44
				538.08	333.90
				539.07	334.40
				540.08	334.80
				540.89	335.25
				541.49	335.71
				541.74	336.15
				541.86	336.66
				541.65	337.12
				541.28	337.21
				540.68	336.93
				539.74	336.12
				538.76	335.11
				537.58	334.15
				536.41	333.22
				535.37	332.29
WK. Sh. 4				511.40	301.48
Sh. No. 62				514.53	304.80

ADDENDUM

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EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	SYMBOL	TOTALS
Cut	DITCH LINER		849
5/26	Interlocking Flexible Block		200
	Culverts Paved Ditch		2
	Excavations		
	Culverts RPRAP		
	Culverts Geotextile		
	Culverts Solid Sod		39

S.C.M. ELEV.	284.27
P.T. NAME	CP 102
N.	518645.675
E.	876453.415
DESC.	2" ALUMINUM DISK SET ON 24" REBAR STAMPED CP 102

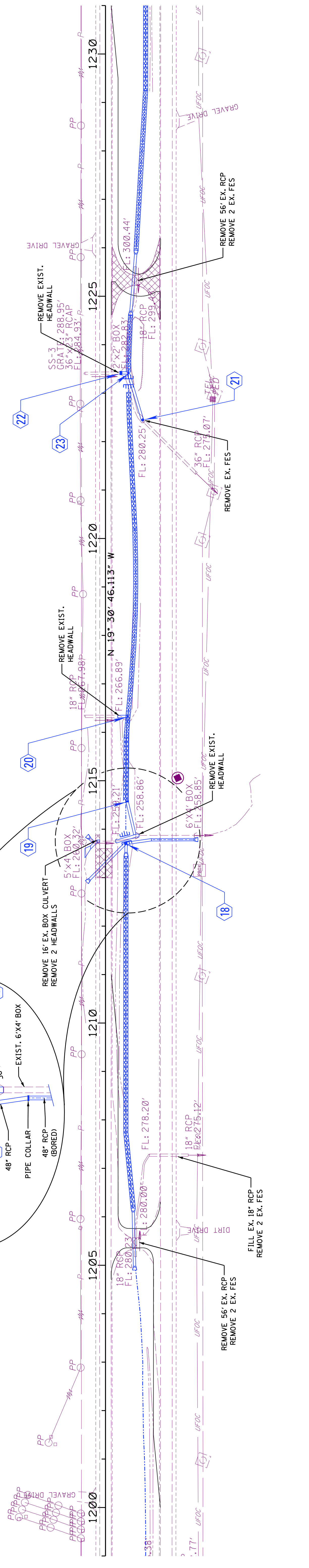
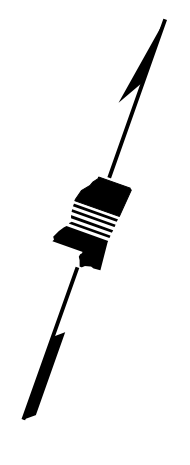
S.C.M. ELEV.	299.97
P.T. NAME	49-18-12
N.	520249.877
E.	875888.418
DESC.	3.5" ALUM. DISK ON 24" FENO ROD STAMPED 49-18-12



STATION	DESCRIPTION	ELEVATION	STATION	ELEVATION
330	STA. 1145+81 REMOVE CROSSOVER	290.13	1147	287.45
320	STA. 1153+14.17 SB RT DITCH PLUG REQ'D. SP. DES. JB-1B REQ'D. W1 = 5'x4' BOX W3 = 60" RCP W4 = 60" RCP REQ'D. INVERT ELEV.: 272.57 72" - 60" RCP REQ'D. PC-1 REQ'D.	285.30	1153	281.95
310	STA. 1153+84 MEDIAN 16" - 24" RCP REQ'D. 24" BRANCH CONNECTION REQ'D. STUB INTO PIPE CULVERT USFL: 275.28 DSFL: 274.59 1 - FES REQ'D.	283.54	1151	283.43
300	STA. 1153+14.17 NB 64" - 30" RCP REQ'D. JACKED OR BORED. USFL: 272.25 DSFL: 274.59 1 - FES REQ'D.	285.30	1154	282.99
290	STA. 1158+52.70 SE RT JB-1A REQ'D. W1 = 7'x2' BOX W3 = 36" x 23" RCAP INVERT ELEV.: 285.55 40" - 36" x 23" RCAP DITCH PLUG REQ'D.	295.09	1160	296.98
280	STA. 1158+52.70 MEDIAN 32" - 24" RCP REQ'D. PC-1 REQ'D.	298.26	1162	299.02
270	STA. 1160+98 - 1162+06 MEDIAN 96" - 18" RCP REQ'D. IN CROSSOVER 2 - FES REQ'D. USFL: 291.60 DSFL: 289.92	296.80	1161	296.98
260	STA. 1167+78.79 NB LT 16" - 24" RCP REQ'D. PC-1 REQ'D. 1 - FES REQ'D.	301.59	1168	299.29
SB EXIST. GRADE		301.58	1169	298.77
NB EXIST. GRADE		301.58	1170	298.32

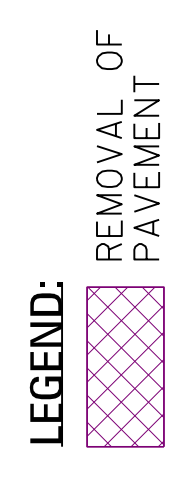
ADDENDUM

STATE	PROJECT NO.
MISS.	HSIP-0008-00(005)
REVISED QUANTITY	REVISIONS
△	DATE BY
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S.C.M. ELEV. 277.71

PT NAME:	CP 104
N.	524886.399
E.	874243.357
DESC:	2" ALUMINUM DISK SET ON 24" REBAR STAMPED CP 104

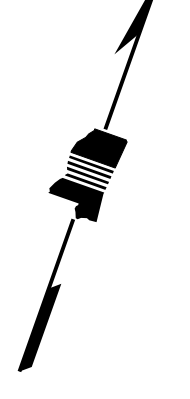


EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
Cut 4918	DITCH LINER	S.Y.	508	
Fill 13975	INTERLOCKING FLEXIBLE BLOCK	S.Y.	780	
Excav 5	PAVED DITCH	C.Y.	2	
Surplus 1	RIPRAP	TON		
Borrow (B7-6)	GEOTEXTILE	S.Y.		
	SOLID SOD	S.Y.		25

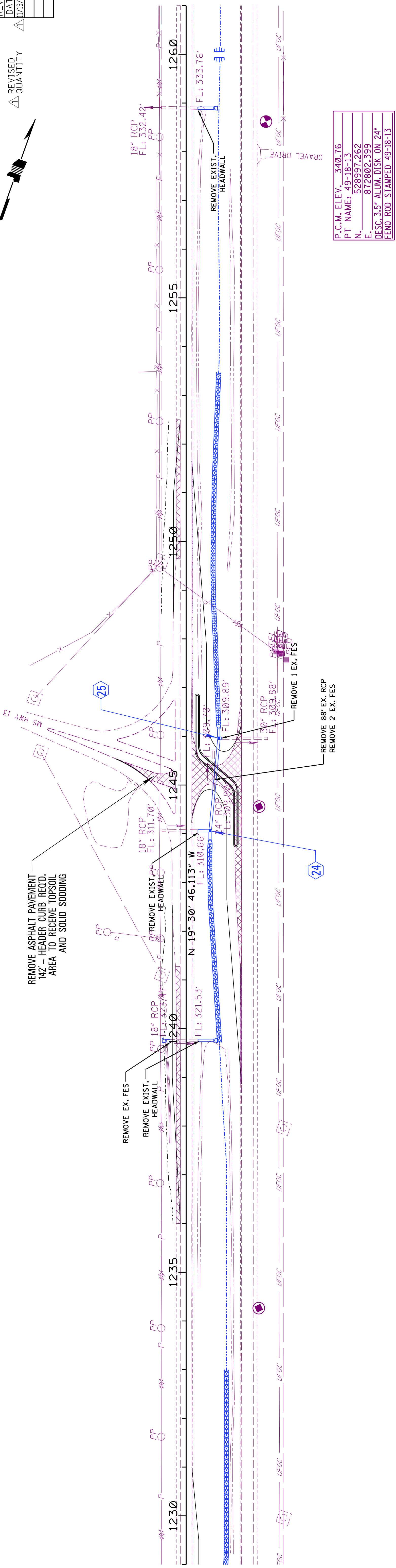
STATION	ELEVATION	DESCRIPTION	STATION	ELEVATION	DESCRIPTION
1200	288.50	SB EXIST. GRADE	1200	288.50	301.12
1201	287.47	SB EXIST. GRADE	1201	287.47	300.15
1202	286.80	SB EXIST. GRADE	1202	286.80	297.41
1203	286.21	SB EXIST. GRADE	1203	286.21	293.66
1204	285.45	SB EXIST. GRADE	1204	285.45	289.64
1205	284.99	SB EXIST. GRADE	1205	284.99	285.74
1206	284.43	SB EXIST. GRADE	1206	284.43	281.82
1207	283.69	SB EXIST. GRADE	1207	283.69	278.01
1208	283.11	SB EXIST. GRADE	1208	283.11	274.05
1209	282.44	SB EXIST. GRADE	1209	282.44	270.53
1210	281.77	SB EXIST. GRADE	1210	281.77	268.69
1211	281.08	SB EXIST. GRADE	1211	281.08	267.72
1212	280.41	SB EXIST. GRADE	1212	280.41	266.77
1213	279.70	SB EXIST. GRADE	1213	279.70	266.60
1214	279.02	SB EXIST. GRADE	1214	279.02	267.88
1215	279.25	SB EXIST. GRADE	1215	279.25	270.30
1216	280.44	SB EXIST. GRADE	1216	280.44	274.02
1217	282.19	SB EXIST. GRADE	1217	282.19	278.66
1218	284.53	SB EXIST. GRADE	1218	284.53	283.38
1219	287.45	SB EXIST. GRADE	1219	287.45	287.42
1220	290.58	SB EXIST. GRADE	1220	290.58	290.14
1221	293.64	SB EXIST. GRADE	1221	293.64	291.63
1222	296.55	SB EXIST. GRADE	1222	296.55	292.75
1223	299.76	SB EXIST. GRADE	1223	299.76	294.79
1224	302.89	SB EXIST. GRADE	1224	302.89	298.38
1225	305.96	SB EXIST. GRADE	1225	305.96	303.13
1226	308.95	SB EXIST. GRADE	1226	308.95	308.11
1227	312.05	SB EXIST. GRADE	1227	312.05	313.02
1228	314.98	SB EXIST. GRADE	1228	314.98	318.01
1229	317.88	SB EXIST. GRADE	1229	317.88	322.88
1230	320.94	SB EXIST. GRADE	1230	320.94	327.94

ADDENDUM

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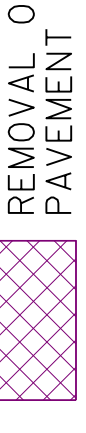


P.C.M. ELEV.	340.76
P.T. NAME:	49-18-13
N.	52897.262
E.	872802.399
DESC.	3.5" ALUM. DISK ON 24"
GENO ROD	STAMPED 49-18-13

S.C.M. ELEV.	328.22
P.T. NAME:	CP 105
N.	526696.518
E.	873601.991
DESC.	2" ALUMINUM DISK SET ON 24" REBAR STAMPED CP 105

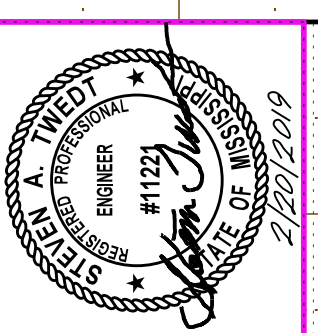
S.C.M. ELEV.	317.75
P.T. NAME:	CP 106
N.	527667.165
E.	873258.765
DESC.	2" ALUMINUM DISK SET ON 24" REBAR STAMPED CP 106

LEGEND:



EARTHWORK	TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
Cut	74333	DITCH LINER	S.Y.	[Symbol]	504
Fill	8749	INTERLOCKING FLEXIBLE BLOCK	S.Y.	[Symbol]	334
Excavation		PAVED DITCH	C.Y.	[Symbol]	
Surplus		RIPRAP	TON	[Symbol]	
Borrow	(B7-6)	GEO TEXTILE	S.Y.	[Symbol]	
		SOLID SOD	S.Y.	[Symbol]	247

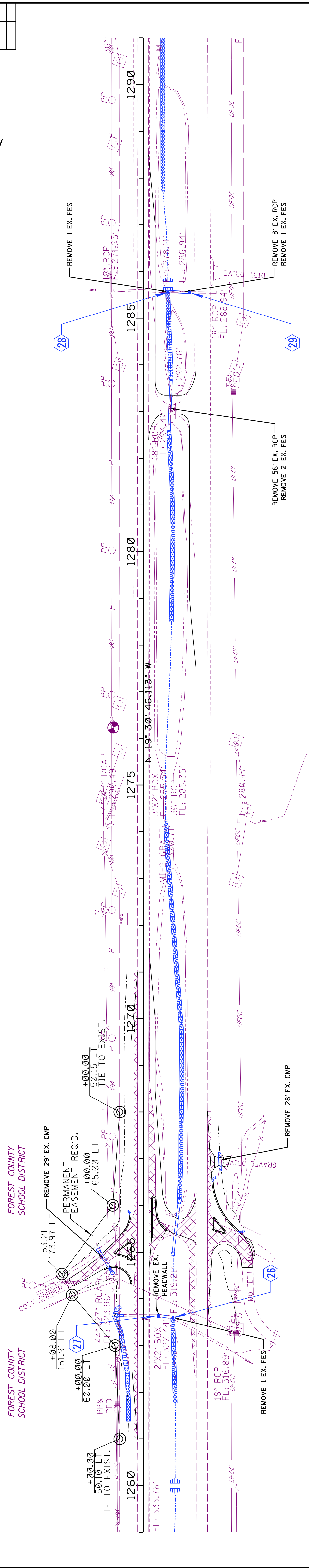
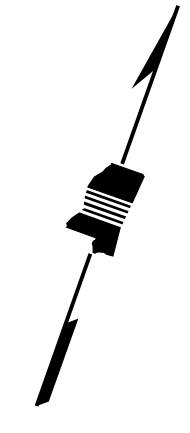
Station	Elevation	Notes	SB Lanes	NB Lanes	Median	SB EXIST GRADE	NB EXIST GRADE	SB ELEV	NB ELEV	Median ELEV	SB Sh.	NB Sh.
1230	327.94					327.82	327.94	327.82	327.94		8	67
1231	323.63					323.53	323.63	323.53	323.63			
1232	325.94					325.84	325.94	325.84	325.94			
1233	327.82					327.72	327.82	327.72	327.82			
1234	329.19					329.09	329.19	329.09	329.19			
1235	330.05					330.05	330.05	330.05	330.05			
1236	330.47					330.47	330.47	330.47	330.47			
1237	330.35					330.35	330.35	330.35	330.35			
1238	329.73					329.73	329.73	329.73	329.73			
1239	328.75					328.75	328.75	328.75	328.75			
1240	327.19					327.19	327.19	327.19	327.19			
1241	325.43					325.43	325.43	325.43	325.43			
1242	323.62					323.62	323.62	323.62	323.62			
1243	321.88					321.88	321.88	321.88	321.88			
1244	320.25					320.25	320.25	320.25	320.25			
1245	319.30					319.30	319.30	319.30	319.30			
1246	319.27					319.27	319.27	319.27	319.27			
1247	322.07					322.07	322.07	322.07	322.07			
1248	324.68					324.68	324.68	324.68	324.68			
1249	327.38					327.38	327.38	327.38	327.38			
1250	330.04					330.04	330.04	330.04	330.04			
1251	332.74					332.74	332.74	332.74	332.74			
1252	335.32					335.32	335.32	335.32	335.32			
1253	337.55					337.55	337.55	337.55	337.55			
1254	339.25					339.25	339.25	339.25	339.25			
1255	340.40					340.40	340.40	340.40	340.40			
1256	341.05					341.05	341.05	341.05	341.05			
1257	341.27					341.27	341.27	341.27	341.27			
1258	341.02					341.02	341.02	341.02	341.02			
1259	340.41					340.41	340.41	340.41	340.41			
1260	340.76					340.76	340.76	340.76	340.76			



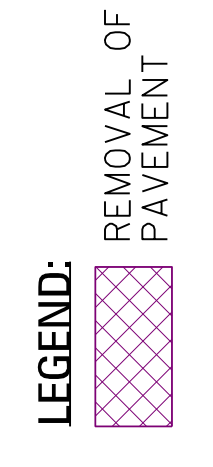
ADDENDUM

P.C.M. ELEV. 310.19
 PT NAME: AZ49-18-13
 N. 530581.420
 E. 871999.230
 DESC. 3.5' ALUM. DISK ON 24"
 FENO. ROD STAMPED AZ49-18-13

STATE PROJECT NO.
 MISS. HSIP-0008-00(005)



EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
Cut 13966	DITCH LINER	S.Y.	620	
Fill 5276	INTERLOCKING FLEXIBLE BLOCK	S.Y.	500	
	PAVED DITCH	C.Y.	4	
	EXCESS RIPRAP	TON		
	Surplus GEOTEXTILE	S.Y.		
	Borrow (B7-6)	S.Y.	123	



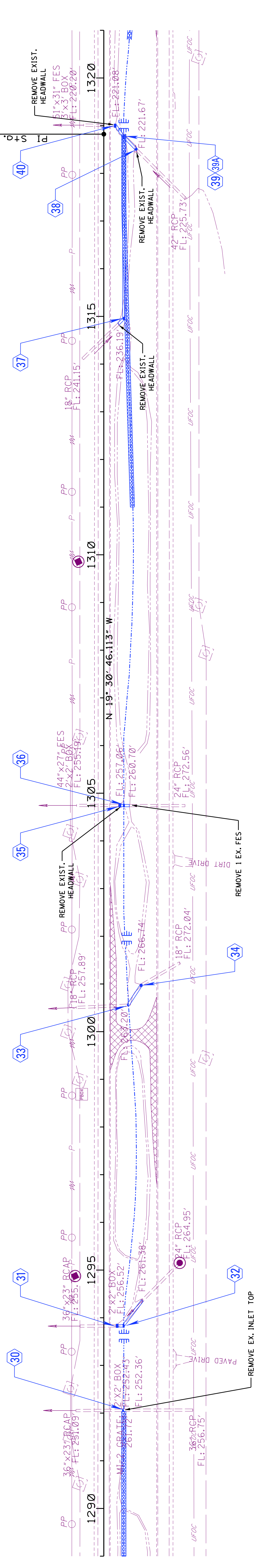
STATION	DESCRIPTION	ELEVATION	STATION	ELEVATION
1260	SB EXIST. GRADE	340.74	1261	339.05
1261	NB EXIST. GRADE	341.53	1262	337.28
1262	SB LAINES	335.71	1263	335.02
1263	SB LAINES	332.92	1264	332.42
1264	MI-1A RECD. INVERT ELEV. 326.05	329.82	1265	329.66
1265	MI-1A RECD. INVERT ELEV. 326.05	330.89	1266	324.75
1266	MI-1A RECD. INVERT ELEV. 326.05	322.07	1267	328.68
1267	MI-1A RECD. INVERT ELEV. 326.05	327.39	1268	319.45
1268	MI-1A RECD. INVERT ELEV. 326.05	325.14	1269	317.60
1269	MI-1A RECD. INVERT ELEV. 326.05	321.75	1270	314.51
1270	MI-1A RECD. INVERT ELEV. 326.05	312.56	1271	309.26
1271	MI-1A RECD. INVERT ELEV. 326.05	309.26	1272	305.91
1272	MI-1A RECD. INVERT ELEV. 326.05	304.69	1273	304.98
1273	MI-1A RECD. INVERT ELEV. 326.05	304.98	1274	305.83
1274	MI-1A RECD. INVERT ELEV. 326.05	306.77	1275	307.46
1275	MI-1A RECD. INVERT ELEV. 326.05	307.46	1276	306.58
1276	MI-1A RECD. INVERT ELEV. 326.05	306.93	1277	305.17
1277	MI-1A RECD. INVERT ELEV. 326.05	304.87	1278	301.55
1278	MI-1A RECD. INVERT ELEV. 326.05	297.80	1279	296.60
1279	MI-1A RECD. INVERT ELEV. 326.05	294.08	1280	293.85
1280	MI-1A RECD. INVERT ELEV. 326.05	290.30	1281	286.46
1281	MI-1A RECD. INVERT ELEV. 326.05	282.91	1282	279.11
1282	MI-1A RECD. INVERT ELEV. 326.05	275.34	1283	271.61
1283	MI-1A RECD. INVERT ELEV. 326.05		1284	
1284	MI-1A RECD. INVERT ELEV. 326.05		1285	
1285	MI-1A RECD. INVERT ELEV. 326.05		1286	
1286	MI-1A RECD. INVERT ELEV. 326.05		1287	
1287	MI-1A RECD. INVERT ELEV. 326.05		1288	
1288	MI-1A RECD. INVERT ELEV. 326.05		1289	
1289	MI-1A RECD. INVERT ELEV. 326.05		1290	
1290	MI-1A RECD. INVERT ELEV. 326.05			

ADDENDUM

S.C.M. ELEV.: 272.38
 PT NAME: CP 107
 N.: 532339.600
 E.: 871379.803
 DESC: 2" ALUMINUM DISK SET ON
 24" REBAR STAMPED CP 107

S.C.M. ELEV.: 274.38
 PT NAME: CP 108
 N.: 533753.970
 E.: 870886.016
 DESC: 2" ALUMINUM DISK SET ON
 24" REBAR STAMPED CP 108

STATE	PROJECT NO.
MISS.	HSIP-0008-00(005)
REVISIONS	
DATE	BY
17/09/19	CRH
REVISED QUANTITY	



EARTHWORK TOTAL THIS SHEET		PERMANENT EROSION CONTROL ITEMS UNITS SYMBOL TOTALS	
Cut	20442	Ditch Liner	S.Y.
Fill	9274	Interlocking Flexible Block	S.Y.
Excavation		Paved Ditch	C.Y.
Surplus		Riprap	TON
Borrow		Geotextile	S.Y.
		Solid Sod	S.Y.
			50

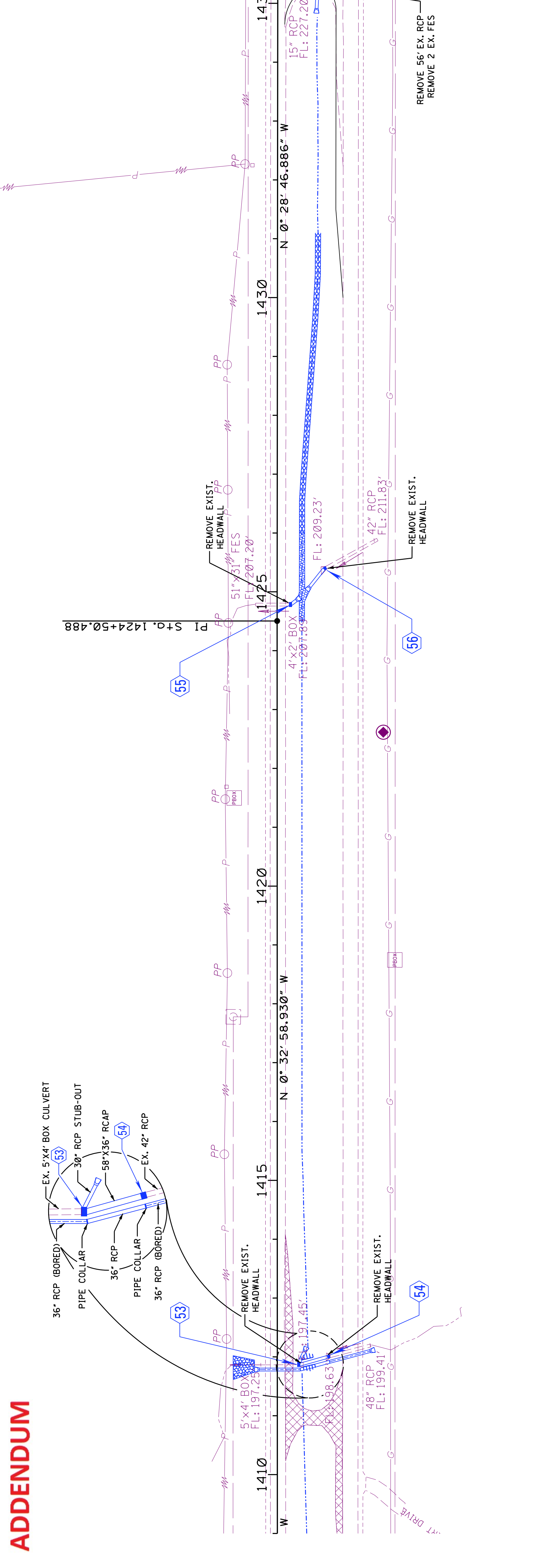
LEGEND:
 REMOVAL OF PAVEMENT

B.M. ELEV.: 268.04
 DESC: NGS BENCHMARK 49V201

STATION	DESCRIPTION	INVERT ELEV.	PC-1 RECD.	PA-1 RECD.	SB LANES	NB LANES	GRADIENT	STATION	INVERT ELEV.	PC-1 RECD.	PA-1 RECD.	SB LANES	NB LANES	GRADIENT
290	STA. 1292+05.33 MEDIAN MI-2 RECD. (TOP ONLY) GRATE ELEV.: 260.45 PA-1 RECD.	260.45					0.45%	290	260.45					
280	STA. 1293+82.41 SB RT 16-36" X23" RCAP RECD. JB-1A RECD. W3 = 36" X23" RCAP INVERT ELEV.: 256.52	256.52					1.36%	280	256.52					
270	STA. 1299+93 REMOVE CROSSOVER						-0.75%	270						
260	STA. 1300+58.14 SB RT MI-1 RECD. GRATE ELEV.: 267.69 INVERT ELEV.: 263.20 PA-1 RECD.	263.20					-1.13%	260	263.20					
250	STA. 1304+74.30 SB RT 8-36" X23" RCAP RECD. JB-1A RECD. W1 = 2' X2' BOX W3 = 36" X23" RCAP INVERT ELEV.: 257.06	257.06					1.50%	250	257.06					
240	STA. 1304+74.30 NB LT 16-24" RCP RECD. MI-1A RECD. GRATE ELEV.: 265.77 INVERT ELEV.: 257.27 PC-1 RECD. PA-1 RECD.	257.27					3.44%	240	257.27					
230	STA. 1314+96.00 SB RT 16-18" RCP RECD. JB-1 RECD. W1 = 18" RCP W2 = 18" RCP INVERT ELEV.: 235.47 PC-1 RECD.	235.47					1.40%	230	235.47					
220	STA. 1318+75.00 MEDIAN JB-1 RECD. W1 = 5' X31" RCAP W3 = 5' X31" RCAP W4 = 18" RCP DBL MI-3 (TYPE 1) RECD. GRATE ELEV.: 225.65 INVERT ELEV.: 221.43	221.43						220	221.43					
SB EXIST. GRADE								220						
NB EXIST. GRADE								220						
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230														

ADDENDUM

STATE	PROJECT NO.
MISS.	HSIP-0008-00(005)
NGS ELEV. 235.19 PT NAME: DIXIE N. 546210.617 E. 868931.893 DESC. NGS DISK SET IN CONCRETE POST STAMPED DIXIE	
REVISIONS DATE BY 11/19/19 CRH	
REVISED QUANTITY Δ	



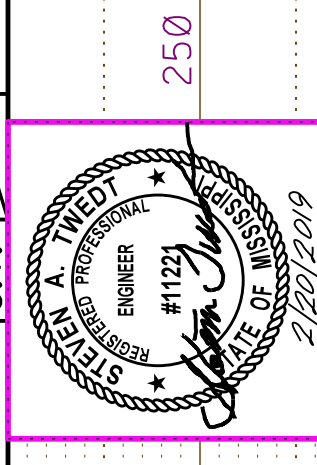
S.C.M. ELEV.	218.25
PT NAME:	CP 113
N.	544711.900
E.	869070.409
DESC.	2" ALUMINUM DISK SET ON 24" REBAR STAMPED CP 113

LEGEND:

	REMOVAL OF PAVEMENT
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EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
Cut 1365	DITCH LINER	S.Y.		227
Fill 587	INTERLOCKING FLEXIBLE BLOCK	S.Y.		148
Excav. 155	PAVED DITCH	S.Y.		155
Surplus 147	RIPRAP	TON		147
Borrow (B7-6)	GEO-TEXTILE	S.Y.		147
	SOLID SOD	S.Y.		147

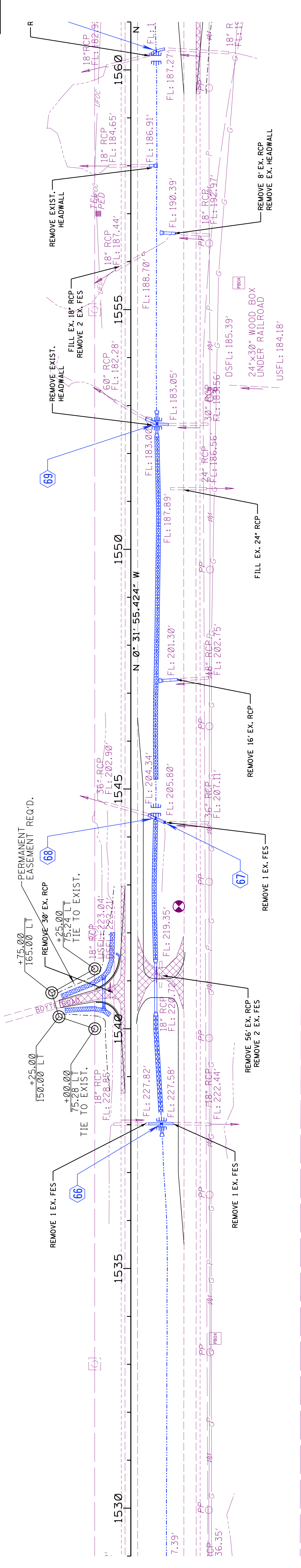
STATION	DESCRIPTION	ELEVATION	STATION	ELEVATION
1410	REMOVE CROSSOVER	207.37	1410	204.85
1411	72' - 36" RCP REQ'D. JACKED OR BORED	208.33	1411	204.93
1412	56' - 36" RCP REQ'D. CONNECT TO BORED PIPE	209.14	1412	204.88
1413	15' RT. FWD SKEW JACKED OR BORED	210.17	1413	204.91
1414	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	211.15	1414	204.88
1415	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	212.11	1415	204.96
1416	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	213.12	1416	205.23
1417	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	213.97	1417	205.82
1418	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	215.00	1418	206.69
1419	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	215.91	1419	207.84
1420	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	216.88	1420	208.76
1421	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	217.71	1421	209.63
1422	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	218.76	1422	210.64
1423	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	219.66	1423	211.61
1424	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	220.65	1424	212.53
1425	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	221.60	1425	213.49
1426	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	222.55	1426	215.07
1427	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	223.51	1427	217.58
1428	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	224.48	1428	220.94
1429	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	225.47	1429	224.53
1430	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	226.50	1430	227.90
1431	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	227.42	1431	230.29
1432	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	228.36	1432	231.80
1433	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	229.29	1433	232.48
1434	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	230.23	1434	232.86
1435	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	231.22	1435	233.43
1436	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	232.00	1436	234.07
1437	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	232.53	1437	234.72
1438	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	232.52	1438	235.31
1439	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	231.94	1439	235.09
1440	56' - 58" X 36" RCP REQ'D. JB-1 REQ'D.	231.07	1440	233.46
SB EXIST. GRADE				
NB EXIST. GRADE				
250				
240				
230				
220				
210				
200				
190				
180				
WK. Sh.	14			
Sh. No.	77			



ADDENDUM

STATE	PROJECT NO.
MISS.	HSIP-0008-00(005)
REVISED QUANTITY	REVISIONS
△	DATE BY
	17/19/19 CRH

USA
DB 46, PG 476-479
DB 46, PG 486



USA
DB 46, PG 476-479
DB 46, PG 486

LEGEND:
REMOVAL OF PAVEMENT

EARTHWORK	TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	SYMBOL	TOTALS
Cut	8817	DITCH LINER	S.Y.	90
Fill	6332	INTERLOCKING FLEXIBLE BLOCK	S.Y.	1158
Excavation		PAVED DITCH	C.Y.	2
Surplus		RIPRAP	TON	
Borrow		GEO-TEXTILE	S.Y.	
		SOLID SOD	S.Y.	59

STATION	DESCRIPTION	ELEVATION	PERCENT	STATION	ELEVATION	PERCENT	STATION	ELEVATION	PERCENT
1530	SB LANES	240.88		1530	244.80		1530	240.88	
1531	NB LANES	239.61	-1.23%	1531	243.71		1531	239.61	
1532	NB LANES	238.17	-1.23%	1532	242.51		1532	238.17	
1533	NB LANES	236.91	-1.23%	1533	241.20		1533	236.91	
1534	NB LANES	235.67	-1.23%	1534	240.01		1534	235.67	
1535	NB LANES	234.31	-1.23%	1535	238.86		1535	234.31	
1536	NB LANES	233.30	-1.23%	1536	237.66		1536	233.30	
1537	NB LANES	232.59	-1.23%	1537	236.17		1537	232.59	
1538	NB LANES	231.68	-1.23%	1538	234.16		1538	231.68	
1539	NB LANES	231.17	-1.23%	1539	228.95		1539	231.17	
1540	NB LANES	230.18	-1.23%	1540	225.88		1540	230.18	
1541	NB LANES	228.10	-1.23%	1541	222.70		1541	228.10	
1542	NB LANES	224.89	-1.23%	1542	219.38		1542	224.89	
1543	NB LANES	221.01	-1.23%	1543	215.95		1543	221.01	
1544	NB LANES	217.16	-1.23%	1544	212.65		1544	217.16	
1545	NB LANES	213.18	-1.23%	1545	209.24		1545	213.18	
1546	NB LANES	209.28	-1.23%	1546	205.85		1546	209.28	
1547	NB LANES	205.45	-1.23%	1547	202.73		1547	205.45	
1548	NB LANES	201.60	-1.23%	1548	199.47		1548	201.60	
1549	NB LANES	198.34	-1.23%	1549	196.67		1549	198.34	
1550	NB LANES	196.13	-1.23%	1550	194.64		1550	196.13	
1551	NB LANES	195.67	-1.23%	1551	193.10		1551	195.67	
1552	NB LANES	195.54	-1.23%	1552	192.53		1552	195.54	
1553	NB LANES	195.81	-1.23%	1553	192.64		1553	195.81	
1554	NB LANES	196.20	-1.23%	1554	192.99		1554	196.20	
1555	NB LANES	196.51	-1.23%	1555	193.54		1555	196.51	
1556	NB LANES	197.05	-1.23%	1556	194.03		1556	197.05	
1557	NB LANES	197.31	-1.23%	1557	194.58		1557	197.31	
1558	NB LANES	197.79	-1.23%	1558	195.01		1558	197.79	
1559	NB LANES	198.12	-1.23%	1559	195.43		1559	198.12	
1560	NB LANES			1560			1560		

WK. Sh.	18
Sh. No.	82

STATE	PROJECT NO.
MISS.	HSIP-0008-00(005)
REVISI DATE BY	QUANTITY
17/19/19 CRH	

P.C.M. ELEV.	200.07
PT NAME:	AZ49-18-15
N.	559023.006
E.	868815.646
DESC. 3.5" ALUM. DISK ON 24"	
FENO ROD STAMPED AZ49-18-15	

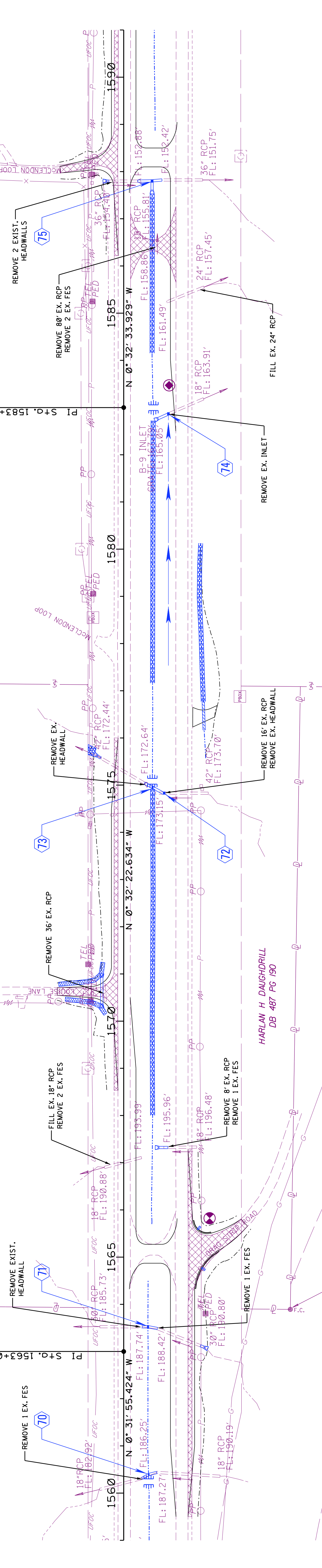
USA	DB 46, PG 476-479
DB 46, PG 486	

REMOVE EXIST. HEADWALL	
REMOVE 1 EX. FES	
FILL EX. 18" RCP	
REMOVE 2 EX. FES	

REMOVE EX. HEADWALL	
REMOVE 36' EX. RCP	
REMOVE 2 EX. FES	
FILL EX. 18" RCP	
REMOVE 2 EX. FES	

REMOVE EX. HEADWALL	
REMOVE 1 EX. FES	
REMOVE 18" RCP	
REMOVE 1 EX. FES	

REMOVE EX. HEADWALL	
REMOVE 1 EX. FES	
REMOVE 18" RCP	
REMOVE 1 EX. FES	



EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
Cut	DITCH LINER	S.Y.	[Symbol]	854
16796	INTERLOCKING FLEXIBLE BLOCK	S.Y.	[Symbol]	196
7622	PAVED DITCH	C.Y.	[Symbol]	3
	RIPRAP	TON	[Symbol]	41
	GEOTEXTILE	S.Y.	[Symbol]	39
	SOLID SOD	S.Y.	[Symbol]	72

S.C.M. ELEV.	168.65
PT NAME:	CP 118
N.	560786.747
E.	868713.243
DESC. 2" ALUMINUM DISK SET ON	
24" REBAR STAMPED CP 118	

USA	DB 46, PG 476-479
DB 46, PG 486	

REMOVE EX. HEADWALL	
REMOVE 1 EX. FES	
REMOVE 18" RCP	
REMOVE 1 EX. FES	

REMOVE EX. HEADWALL	
REMOVE 1 EX. FES	
REMOVE 18" RCP	
REMOVE 1 EX. FES	

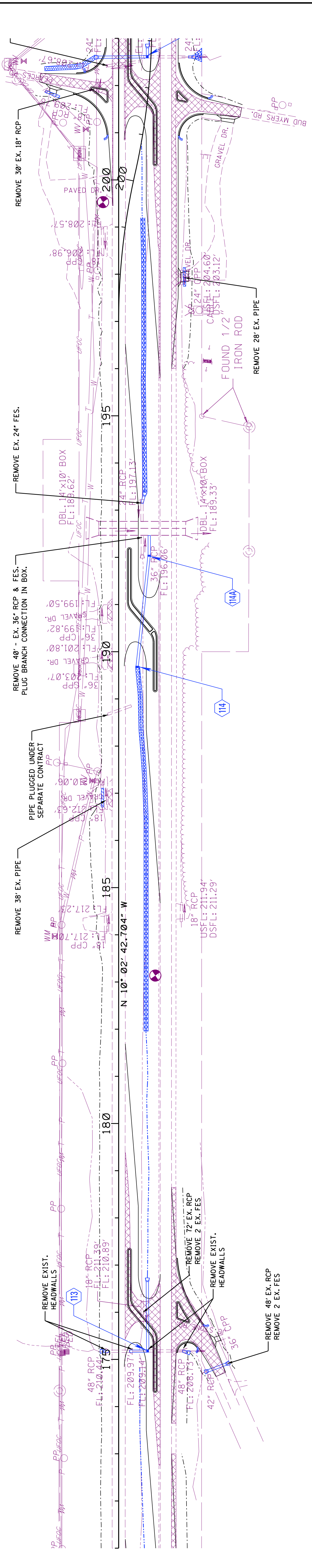
STATION	DESCRIPTION	ELEVATION	REMARKS
1560	STA. 1560+38.00 MEDIAN 40' - 18" RCP REQ'D. MI-1A REQ'D. GRATE ELEV.: 189.60 INVERT ELEV.: 186.65 PA-1 REQ'D.	198.12	195.43
1561		199.03	196.58
1562	STA. 1560+25 MEDIAN DITCH PLUG REQ'D. 1 - FES REQ'D. PC-1 REQ'D.	199.46	196.98
1563		199.93	197.43
1564	STA. 1563+52.63 MEDIAN 48' - 30" RCP REQ'D. MI-1A REQ'D. GRATE ELEV.: 192.27 INVERT ELEV.: 187.97 PA-1 REQ'D.	200.26	197.89
1565		200.53	198.24
1566	STA. 1565+07 CROSSOVER (MOD. REQ'D.)	200.55	198.48
1567		200.12	198.52
1568	STA. 1567+00.87 SB FILL EX. 18" RCP REQ'D.	199.24	197.97
1569		198.08	197.14
1570		196.21	195.92
1571		194.39	194.18
1572		192.41	192.51
1573		190.52	190.38
1574	STA. 1574+82.78 NB LT 24' - 42" RCP REQ'D. JB-1 REQ'D. W3 = 42" RCP INVERT ELEV.: 173.22	188.55	188.41
1575		186.58	186.47
1576		184.61	184.40
1577	STA. 1575+57.70 SB LT 8' - 42" RCP REQ'D. 1 - FES REQ'D. PC-1 REQ'D.	182.78	182.09
1578		180.89	180.09
1579		178.61	177.90
1580		176.25	175.85
1581		173.75	173.56
1582		171.32	171.55
1583		169.04	169.41
1584		166.63	167.30
1585		164.37	165.04
1586	STA. 1586+43 REMOVE CROSSOVER	162.13	163.03
1587		160.42	161.01
1588		159.40	159.33
1589	STA. 1587+80.90 SB LT 32' - 36" RCP REQ'D. 8' - 36" RCP REQ'D. 1 - FES REQ'D. PC-1 REQ'D.	158.75	158.52
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ADDENDUM

STATE	PROJECT NO.
MISS.	HSIP-0008-00(005)

P.C.M. ELEV. 212.489
 N. 575913.7070
 E. 865691.4150
 DESC. REBAR WITH CAP
 STAMPED 49-18-6 RESET

REVISIONS
 DATE BY
 11/19/19 CRH



EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
Cut 7311	Ditch Liner	S.Y.	461	
Fill 5246	Interlocking Flexible Block	S.Y.	382	
	Paved Ditch	C.Y.	5	
	Riprap	TON		
	Geotextile	S.Y.		
	Solid Sod	S.Y.		
				210

LEGEND:
 REMOVAL OF PAVEMENT

P.C.M. ELEV. 216.050
 N. 574318.9000
 E. 866086.2390
 DESC. REBAR WITH CAP
 STAMPED 49-18-6 RESET

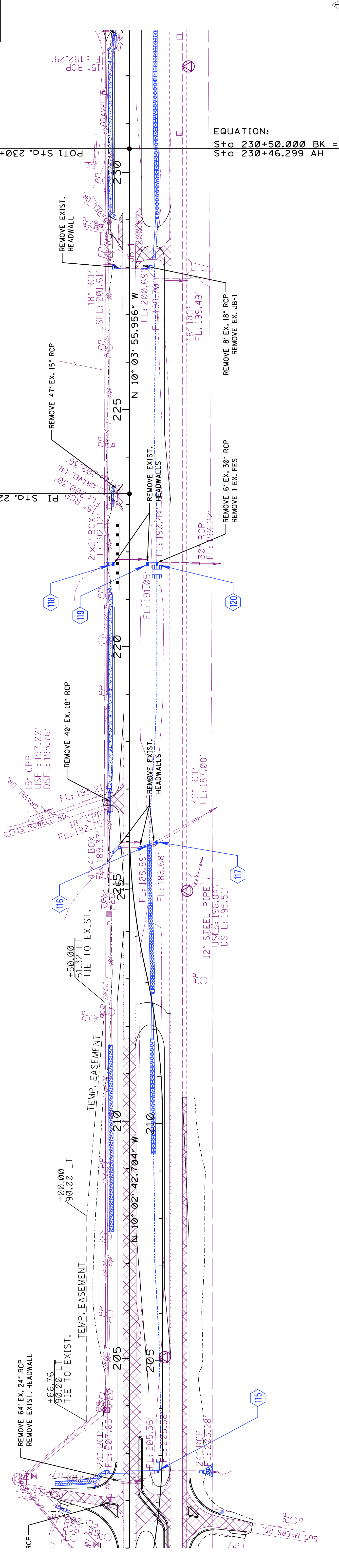
STATION	DESCRIPTION	ELEVATION	STATION	ELEVATION
250	STA. 175+20 - 176+64 MEDIAN MI-1A REQ'D. GRATE ELEV. 200.75 INVERT ELEV. 196.90	216.48	181	217.67
240	STA. 175+17.24 NB RT 8' - 48\"/>			
230	STA. 175+17.24 NB RT 8' - 48\"/>			
220	STA. 175+17.24 NB RT 8' - 48\"/>			
210	STA. 193+14 - 193+29 MEDIAN MI-1A REQ'D. GRATE ELEV. 199.00 INVERT ELEV. 194.15	203.15	194	203.28
200	STA. 190+68 DIRECTIONAL CROSSOVER REQ'D.	203.51	192	203.70
190	STA. 190+68 DIRECTIONAL CROSSOVER REQ'D.	204.21	191	204.80
180	STA. 189+69.50 MEDIAN MI-1A REQ'D. GRATE ELEV. 200.75 INVERT ELEV. 196.90	205.27	190	206.49
SB EXIST. GRADE		214.25	172	215.91
NB EXIST. GRADE		216.85	177	218.61
		217.82	179	219.74
		217.88	180	220.20
		217.67	181	220.63
		217.28	182	221.04
		216.48	183	221.04
		215.46	184	220.26
		214.17	185	219.02
		212.33	186	216.73
		210.53	187	213.93
		208.43	188	211.35
		206.67	189	208.77
		205.27	190	206.49
		204.21	191	204.80
		203.51	192	203.70
		203.15	193	203.19
		203.15	194	203.28
		203.50	195	203.96
		204.20	196	205.23
		205.25	197	207.09
		206.47	198	209.25
		207.78	199	211.25
		209.09	200	212.92
		210.38	201	214.22
		211.62	202	215.28

WK. Sh.	24
Sh. No.	100

ADDENDUM

STATE	PROJECT NO.
MISS.	HSIP-0008-00(005)

REVISED QUANTITY	REVISIONS
△	DATE BY
	17/19/19 CRH



PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	231
INTERLOCKING FLEXIBLE BLOCK	S.Y.	[Symbol]	618
PAVED DITCH	C.Y.	[Symbol]	52
RIPRAP	TON	[Symbol]	47
GEOTEXTILE	S.Y.	[Symbol]	45
SOLID SOD	S.Y.	[Symbol]	383

STATION	DESCRIPTION	STATION	DESCRIPTION
240	STA. 228+00 SB LT. CROSSOVER RECD. STA. 228+28 REMOVE CROSSOVER	225	REMOVE EX. 15' RCP
230	STA. 228+16 - STA. 232+52 RETAINING WALL RECD. SB LT. (CUT WALL) WALL "C"	220	REMOVE EX. 30' RCP
220	STA. 228+00 SB RT. 16'-18" RCP RECD. 1 - FES RECD. PC-1 RECD.	215	REMOVE EX. 18' RCP
210	STA. 228+23 - 229+03 MEDIAN 80'-24" RCP PIPE IN CROSSOVER RECD. USFL: 199.35 DSFL: 198.15 2 - FES RECD.	210	REMOVE EX. 40' EX. 18" RCP
200	STA. 228+23 - 229+03 MEDIAN 80'-24" RCP PIPE IN CROSSOVER RECD. USFL: 199.35 DSFL: 198.15 2 - FES RECD.	205	REMOVE EX. 24" RCP
190	STA. 228+23 - 229+03 MEDIAN 80'-24" RCP PIPE IN CROSSOVER RECD. USFL: 199.35 DSFL: 198.15 2 - FES RECD.	200	REMOVE EX. 18" RCP

LEGEND:
 REMOVAL OF PAVEMENT

H.C.M. ELEV. 200.445
 N. 577450.0995
 E. 865576.7615
 DESC. REBAR WITH CAP
 STAMPED CP10R

H.C.M. ELEV. 212.828
 N. 576473.4517
 E. 865701.9209
 DESC. REBAR WITH CAP
 STAMPED CP9R

H.C.M. ELEV. 200.445
 N. 577450.0995
 E. 865576.7615
 DESC. REBAR WITH CAP
 STAMPED CP10R

ADDENDUM

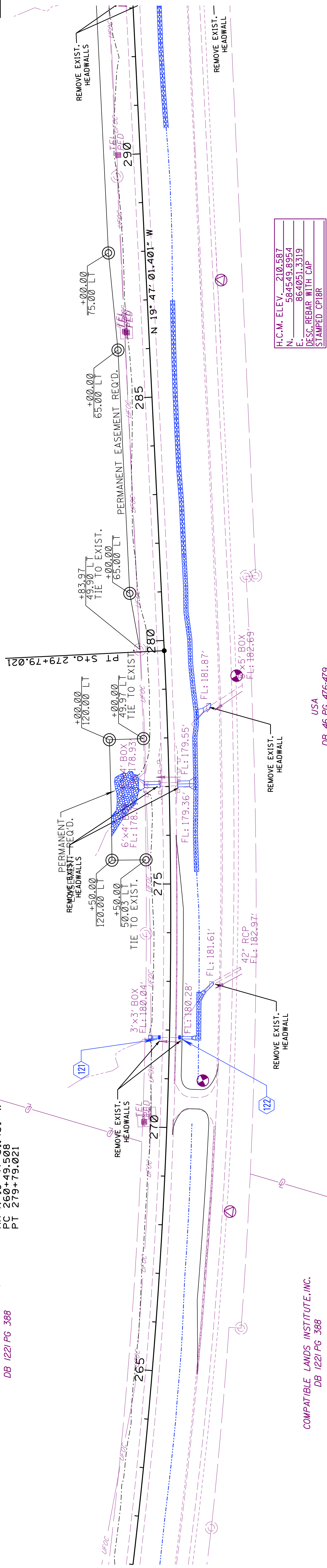
Curve MLH49SB.34
 PI STA. 270+16.58
 A = 9° 43' 05.445" (L.T.)
 D = 0° 30' 13.175"
 L = 1,929.513'
 R = 967.076'
 BK N 110° 03' 55.956" W
 AH N 19° 47' 01.401" W
 PC 260+49.508
 PT 279+79.021

COMPATIBLE LANDS INSTITUTE, INC.
 DB 1221 PG 388

COMPATIBLE LANDS INSTITUTE, INC.
 DB 1221 PG 388

FOUND CONCRETE MONUMENT
 NW CORNER SE 1/4 SE 1/4 OF SECTION 29; T2N; R12W

USA
 DB 46, PG 476-479
 DB 46, PG 486



H.C.M. ELEV. 184.845
 N. 582126.7942
 E. 864628.2577
 DESC. REBAR WITH CAP
 STAMPED CP16R

P.C.M. ELEV. 184.180
 N. 582967.6000
 E. 864496.2160
 DESC. REBAR WITH CAP
 STAMPED CP1R

P.C.M. ELEV. 193.010
 N. 583182.7390
 E. 864319.4270
 DESC. REBAR WITH CAP
 STAMPED AZ1TR

H.C.M. ELEV. 210.587
 N. 584549.8954
 E. 864051.3319
 DESC. REBAR WITH CAP
 STAMPED CP1BR

LEGEND:
 REMOVAL OF PAVEMENT

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
EARTHWORK	TOTAL THIS SHEET		
CUT	17614		345
FILL	8808		708
Excav			576
Surplus			546
Borrow	(B7-6)		

STATION	ELEVATION	DESCRIPTION	STATION	ELEVATION	DESCRIPTION
230	230		270	185.85	STA. 270+60 CROSSOVER MOD. REQ'D.
220	220		271	187.42	(121) STA. 271+84.76 SB LT JB-1A REQ'D. W1 = 3'X3' BOX W3 = 51'X31" RCAP INVERT ELEV. 180.02 16' - 51'X31" RCAP REQ'D. 1 - FES REQ'D.
210	210		272	187.99	187.99 186.59
200	200		273	188.74	188.74 186.64
190	190		274	189.30	189.30 187.11
180	180		275	189.99	189.99 187.19
170	170		276	190.53	190.53 187.58
160	160		277	191.44	191.44 187.75
			278	191.99	191.99 188.26
			279	193.05	193.05 188.70
			280	194.60	194.60 190.47
			281	196.48	196.48 192.20
			282	198.91	198.91 194.78
			283	201.79	201.79 197.34
			284	204.84	204.84 199.91
			285	207.69	207.69 202.71
			286	209.86	209.86 205.13
			287	211.80	211.80 207.72
			288	213.02	213.02 210.35
			289	213.59	213.59 212.04
			290	213.73	213.73 212.04
			291	213.69	213.69 210.42
			292	212.61	212.61 207.84



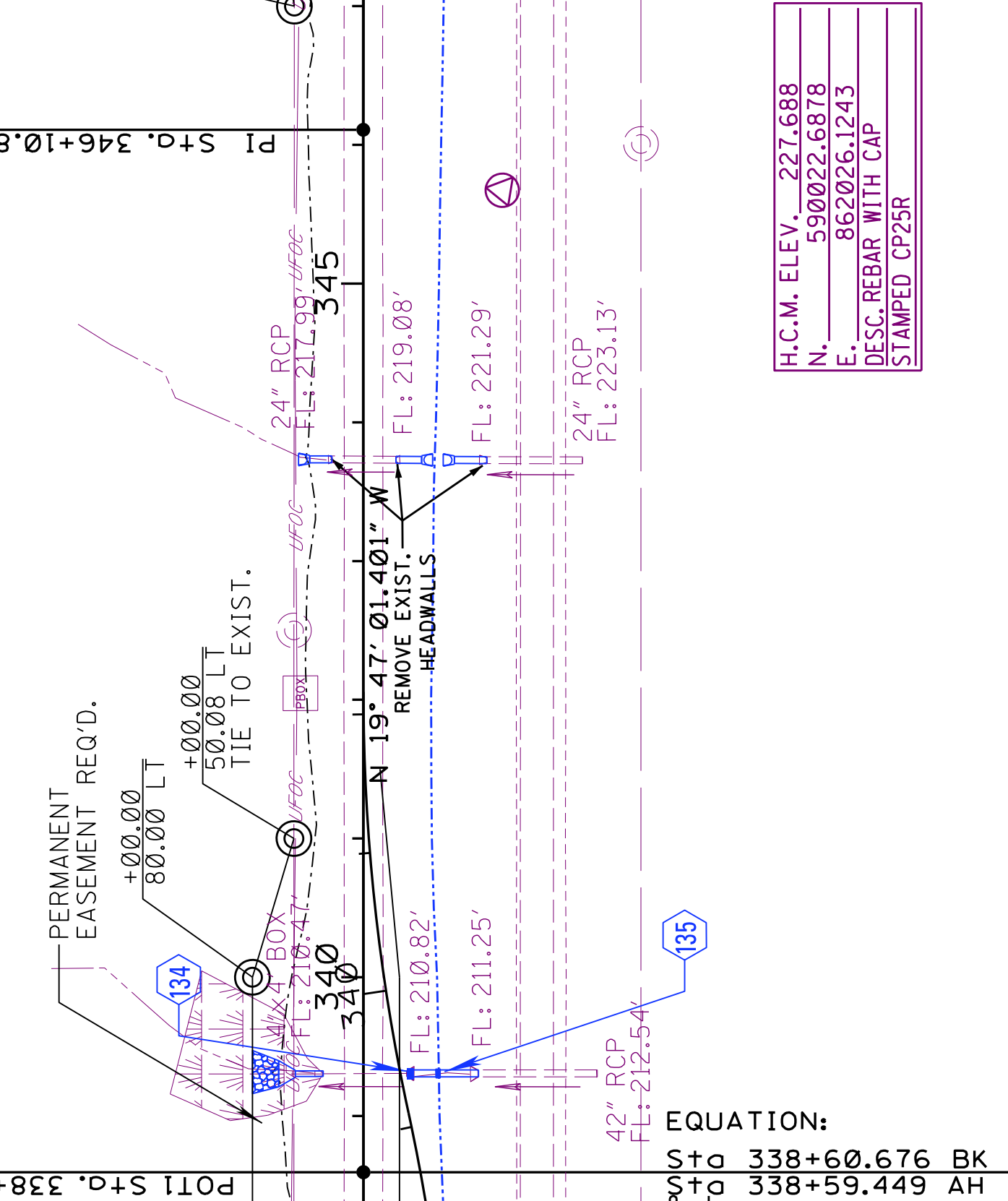
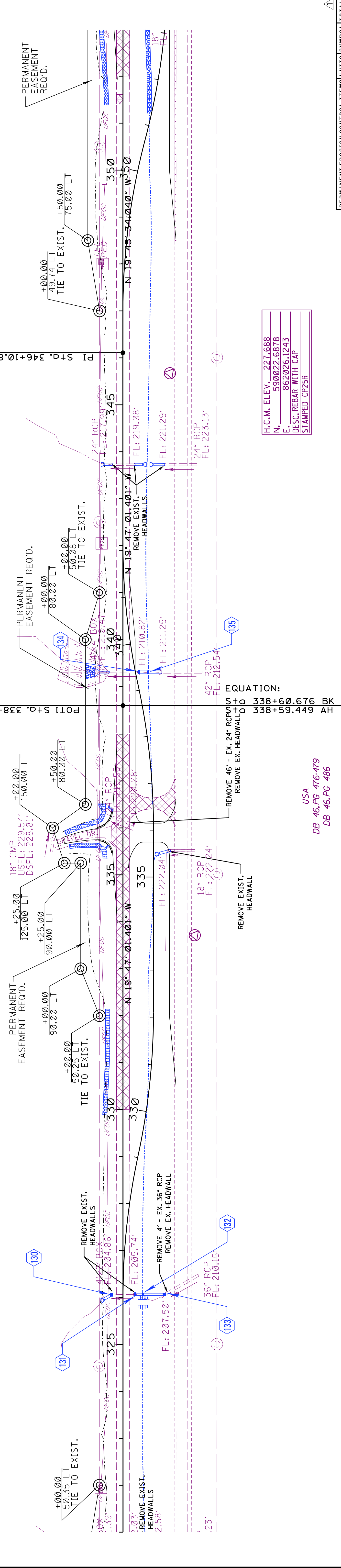
USA
DB 46, PG 476-479
DB 46, PG 486

WETLAND SITE	
TEMPORARILY FILLED	0.03 AC.
PERMANENTLY FILLED	0.04 AC.
BRIDGED	AC.

USA
DB 46, PG 476-479
DB 46, PG 486

USA
DB 46, PG 476-479
DB 46, PG 486

USA
DB 46, PG 476-479
DB 46, PG 486



H.C.M. ELEV. 227.688
N. 590022.6878
E. 862026.1243
DESC. REBAR WITH CAP
STAMPED CP25R

H.C.M. ELEV. 222.873
N. 588914.1859
E. 862481.0532
DESC. REBAR WITH CAP
STAMPED CP23R

H.C.M. ELEV. 227.688
N. 590022.6878
E. 862026.1243
DESC. REBAR WITH CAP
STAMPED CP25R

H.C.M. ELEV. 227.688
N. 590022.6878
E. 862026.1243
DESC. REBAR WITH CAP
STAMPED CP25R

H.C.M. ELEV. 227.688
N. 590022.6878
E. 862026.1243
DESC. REBAR WITH CAP
STAMPED CP25R

EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	SYMBOL	TOTALS	
			S.Y.	TON
Cut	DITCH LINER	(Symbol)	532	3
Fill	INTERLOCKING FLEXIBLE BLOCK	(Symbol)	3	3
Excav	PAVED DITCH	(Symbol)	67	63
Surplus	RIPRAP	(Symbol)	63	50
Borrow	GEOTEXTILE	(Symbol)	50	50
	SOLID SOD	(Symbol)		

H.C.M. ELEV. 222.873
N. 588914.1859
E. 862481.0532
DESC. REBAR WITH CAP
STAMPED CP23R

H.C.M. ELEV. 227.688
N. 590022.6878
E. 862026.1243
DESC. REBAR WITH CAP
STAMPED CP25R

H.C.M. ELEV. 227.688
N. 590022.6878
E. 862026.1243
DESC. REBAR WITH CAP
STAMPED CP25R

H.C.M. ELEV. 227.688
N. 590022.6878
E. 862026.1243
DESC. REBAR WITH CAP
STAMPED CP25R

STATION	DESCRIPTION	ELEVATION	STATION	ELEVATION
250	STA. 335+51.61 NB LT 24'-18" RCP REQ'D. 1-FES REQ'D. PC-1 REQ'D.	226.24	330	222.75
240	STA. 336+53 REMOVE CROSSOVER	227.04	331	223.56
230	STA. 339+30.56 SB RT SP DES. JB-JB REQ'D. W1 = 4'X4' BOX W3 = 42" RCP INVERT ELEV.: 210.82 24'-42" RCP REQ'D. PC-1 REQ'D.	228.07	332	223.93
220	STA. 343+73.28 SB LT 16'-24" RCP REQ'D. 1-FES REQ'D. PC-1 REQ'D.	228.58	333	224.55
210	STA. 343+73.28 SB RT 24'-24" RCP REQ'D. 1-FES REQ'D. PC-1 REQ'D.	229.79	334	225.23
200	STA. 343+73.28 NB LT 24'-24" RCP REQ'D. 1-FES REQ'D. PC-1 REQ'D.	229.99	335	225.73
190		229.26	336	226.26
180		228.68	337	227.04
		228.18	338	227.37
		227.78	339	228.07
		227.38	340	228.68
		226.97	341	229.26
		226.57	342	229.79
		226.19	343	229.99
		225.76	344	228.58
		225.25	345	228.18
		224.64	346	227.78
		224.19	347	227.38
		223.76	348	226.97
		223.30	349	226.57
		222.89	350	226.19
		222.50	351	225.88
		222.11	352	225.57



STA. 351+51 SR LT. PUNCH-OUT REQ'D.

STA. 343+73.28 SB LT 16'-24" RCP REQ'D. 1-FES REQ'D. PC-1 REQ'D.

STA. 343+73.28 SB RT 24'-24" RCP REQ'D. 1-FES REQ'D. PC-1 REQ'D.

STA. 343+73.28 NB LT 24'-24" RCP REQ'D. 1-FES REQ'D. PC-1 REQ'D.

STA. 339+30.56 SB RT SP DES. JB-JB REQ'D. W1 = 4'X4' BOX W3 = 42" RCP INVERT ELEV.: 210.82 24'-42" RCP REQ'D. PC-1 REQ'D.

STA. 335+51.61 NB LT 24'-18" RCP REQ'D. 1-FES REQ'D. PC-1 REQ'D.

STA. 336+53 REMOVE CROSSOVER

STA. 343+73.28 SB LT 16'-24" RCP REQ'D. 1-FES REQ'D. PC-1 REQ'D.

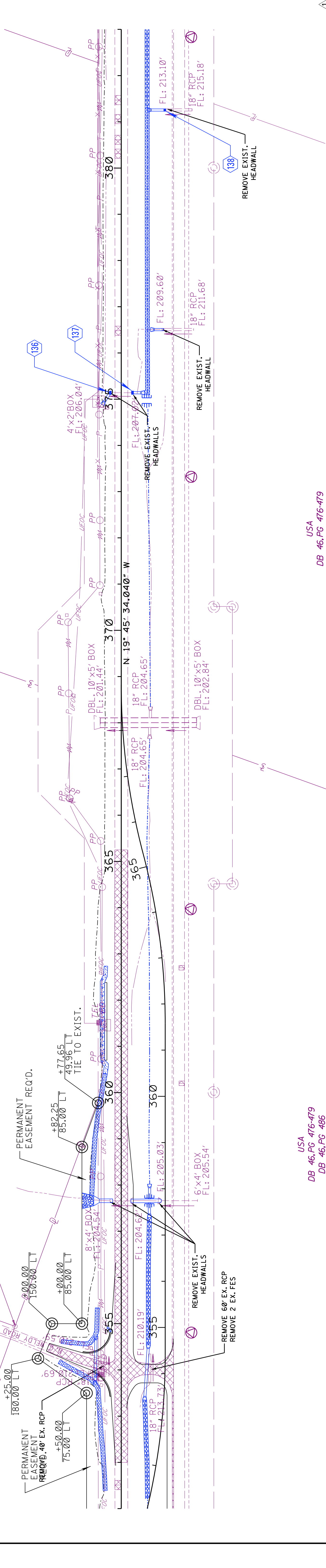
STA. 343+73.28 SB RT 24'-24" RCP REQ'D. 1-FES REQ'D. PC-1 REQ'D.

MAURICE WELDY
 DB 386, PG 290

WILLIAM T RIVERO
 DB 537, PG 685

ADDENDUM

FMS COM: 107464/301000



EARTHWORK TOTAL THIS SHEET		PERMANENT EROSION CONTROL ITEMS		TOTALS	
Cut	992'	Ditch Liner	1060'	S.Y.	218
Fill	4394'	Interlocking Flexible Block	1060'	S.Y.	14
Excess		Grass Riprap	101'	TON	96
Surplus		Geotextile		S.Y.	147
Borrow (B7-6)		Grass Solid Sod		S.Y.	

H.C.M. ELEV.	213.380
N.	592641.8300
E.	861139.4720
DESC.	REBAR WITH CAP
STAMPED	CP28R

H.C.M. ELEV.	216.673
N.	591761.1770
E.	861454.8370
DESC.	REBAR WITH CAP
STAMPED	CP27R

H.C.M. ELEV.	219.235
N.	590899.6582
E.	861765.5892
DESC.	REBAR WITH CAP
STAMPED	CP26R

H.C.M. ELEV.	210.197
N.	591041.547
E.	861213.737
DESC.	REBAR WITH CAP
STAMPED	CP26R

H.C.M. ELEV.	204.657
N.	591761.1770
E.	861454.8370
DESC.	REBAR WITH CAP
STAMPED	CP27R

STATION	DESCRIPTION	STATION	DESCRIPTION
250	STA. 352 + 00.00 BEGIN SB RECONSTRUCTION	352	223.50 221.89
240	STA. 353 + 92 CROSSOVER REQ'D. (REMOVE EXIST. X-OVER)	353	222.09 219.71
230	STA. 354 + 43 24' - 18" RCP PIPE IN CROSSOVER REQ'D. USFL: 213.71 DSFL: 212.37 2' - FES REQ'D.	354	221.09 217.51
220	STA. 355 + 38 MEDIAN 24' - 24" RCP REQ'D. 24' BRANCH CONNECTION STUB INTO BOX CULVERT USFL: 211.44 DSFL: 206.82 1' - FES REQ'D.	355	220.31 215.16
210	STA. 357 + 69 MEDIAN 24' - 18" RCP REQ'D. 18" BRANCH CONNECTION STUB INTO BOX CULVERT USFL: 211.44 DSFL: 206.82 1' - FES REQ'D.	357	219.50 212.82
200	STA. 357 + 65.72 SB LT 29' - 8" X 4" BOX EXT. REQ'D. 3:1 WINGS REQ'D.	358	219.54 213.54
190	STA. 360 + 20 NB RT. PUNCH-OUT REQ'D.	360	219.76 217.92
180	STA. 360 + 70 - STA. 362 + 38 RETAINING WALL REQ'D. SB LT. (CUT WALL) WALL "E"	362	219.30 220.87
SB EXIST. GRADE		363	218.60 219.86
NB EXIST. GRADE		364	217.99 217.32
		365	217.05 215.10
		366	216.14 213.51
		367	215.40 212.54
		368	214.57 212.20
		369	214.21 212.17
		370	213.92 212.15
		371	213.84 212.12
		372	214.24 212.38
		373	214.82 212.64
		374	214.89 213.00
		375	215.40 213.29
		376	215.97 213.81
		377	216.40 214.28
		378	216.91 214.74
		379	217.46 215.19
		380	218.05 215.75
		381	218.79 216.43
		382	219.31 217.00
WK. Sh.			
Sh. No.			

ADDENDUM

STATE OF MISSISSIPPI
DB 73.PG 181-182

STATE OF MISSISSIPPI
DB 45.PG 333-334, 449-450, 550

WETLAND SITE	
TEMPORARILY FILLED	0.02 AC.
PERMANENTLY FILLED	0.02 AC.
BRIDGED	

POT1 Sta. 420+03.577

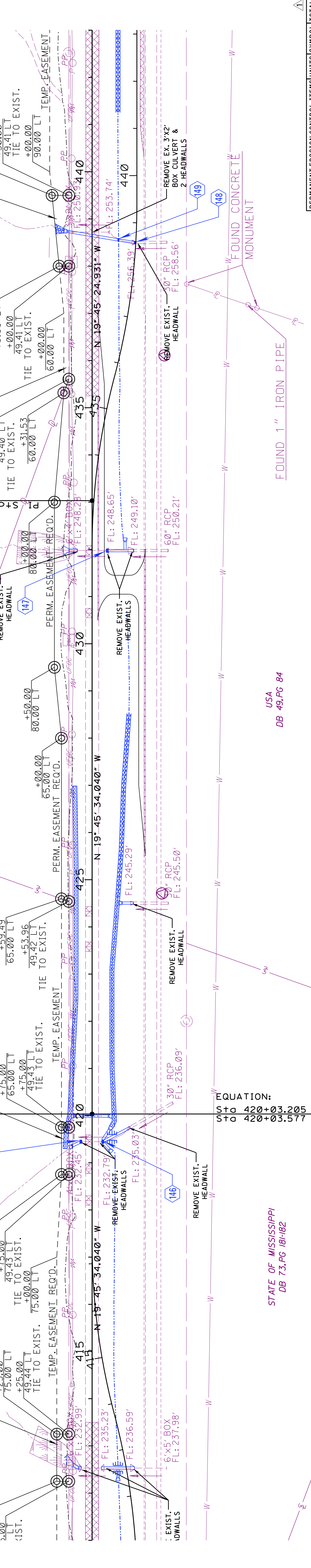
POT1 Sta. 420+03.577

USA
DB 49.PG 84

WETLAND SITE	
TEMPORARILY FILLED	0.02 AC.
PERMANENTLY FILLED	0.02 AC.
BRIDGED	

USA
DB 49.PG 84

STATE	PROJECT NO.
MISS.	HSIP-0008-00(005)



EQUATION:
Sta 420+03.205 BK =
Sta 420+03.577 AH

H.C.M. ELEV.	254.083
N.	597476.8698
E.	859399.5392
DESC.	REBAR WITH CAP STAMPED CP34R

H.C.M. ELEV.	263.012
N.	598551.6829
E.	859019.0734
DESC.	REBAR WITH CAP STAMPED CP35R

H.C.M. ELEV.	254.083
N.	597476.8698
E.	859399.5392
DESC.	REBAR WITH CAP STAMPED CP34R

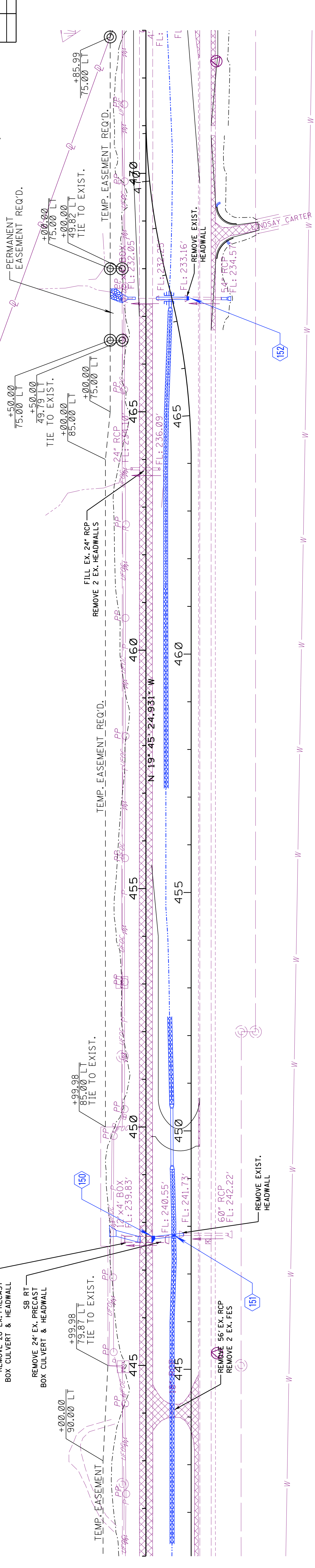
EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
CUT	DITCH LINER	172	S.Y.	172
21362	INTERLOCKING FLEXIBLE BLOCK	1	S.Y.	1
96888	PAVED DITCH	40	TON	38
Excav	RIPRAP	40	S.Y.	38
Surplus	GEO TEXTILE	38	S.Y.	8
Borrow (B7-6)	SOLID SOD	8	S.Y.	

STATION	DESCRIPTION	ELEVATION	REMARKS
290	STA. 412+52.97 SB LT. 17'-6"x6" BOX EXT. REQ'D. 30' LT. BWD. SKEW BOX BEND REQ'D. 31' WINGS REQ'D.	248.18	244.74
280	STA. 412+34.00 MEDIAN 16'-18" RCP REQ'D. 18' BRANCH CONNECTION STUB INTO BOX CULVERT USFL: 238.45 DSFL: 237.95 1 - FES REQ'D.	248.50	242.47
270	STA. 418+20 SB LT. PUNCH-OUT REQ'D. STA. 418+87 SB LT. PUNCH-OUT REQ'D.	247.74	246.57
260	STA. 419+49 SB LT. PUNCH-OUT REQ'D.	248.57	243.47
250	STA. 419+49 SB LT. PUNCH-OUT REQ'D.	249.26	241.48
240	STA. 412+42.97 MEDIAN DITCH PLUG REQ'D. 70' - 6"x6" BOX EXT. REQ'D. SP. DES. BOX TRANSITION REQ'D.	249.71	241.13
230	STA. 419+44.51 MEDIAN DITCH PLUG REQ'D. SP. DES. JB-IB REQ'D. W1 = 4'x3' BOX W2 = 24' RCP W3 = 50' RCP W4 = 18' RCP INVERT ELEV.: 232.79 64' - 30" RCP REQ'D. PC-1 REQ'D.	250.28	240.21
220	STA. 419+44.51 SB LT. 80' - 36" RCP REQ'D. (48' - JACKED OR BORED) (16' LT. & 16' RT. - NORMAL INSTALLATION) 2 - FES REQ'D. DSFL: 236.35	250.96	240.42
	STA. 419+56.71 MEDIAN 24' - 24" RCP REQ'D. 1 - FES REQ'D. USFL: 236.33 DSFL: 233.97	252.83	243.36
	STA. 423+58 SB LT. PUNCH-OUT REQ'D. STA. 424+33 SB LT. PUNCH-OUT REQ'D.	253.63	246.15
	STA. 424+50.36 NB LT. 24' - 30" RCP REQ'D. 1 - FES REQ'D. PC-1 REQ'D.	254.97	253.21
	STA. 431+97.47 SB LT. 19' - 6"x4" BOX EXT. REQ'D. 31' WINGS REQ'D.	256.90	259.85
	STA. 431+99.75 MEDIAN 16' - 24" RCP REQ'D. 24" BRANCH CONNECTION STUB INTO 60" RCP USFL: 254.53 DSFL: 251.47 1 - FES REQ'D.	257.67	263.34
	STA. 431+99.75 MEDIAN 16' - 24" RCP REQ'D. 24" BRANCH CONNECTION STUB INTO 60" RCP USFL: 254.53 DSFL: 251.47 1 - FES REQ'D.	258.65	265.25
	STA. 430+65 SB LT. PUNCH-OUT REQ'D. STA. 431+98 SB LT. PUNCH-OUT REQ'D.	259.42	265.49
	STA. 431+25 CROSSOVER REQ'D.	260.28	264.31
	STA. 431+97.47 SB LT. 19' - 6"x4" BOX EXT. REQ'D. 31' WINGS REQ'D.	260.92	261.90
	STA. 431+99.75 MEDIAN 16' - 24" RCP REQ'D. 24" BRANCH CONNECTION STUB INTO 60" RCP USFL: 254.53 DSFL: 251.47 1 - FES REQ'D.	261.80	259.87
	STA. 438+50.00 NB LT. JB-1 REQ'D. W1 = 30" RCP W3 = 30" RCP INVERT ELEV.: 253.18 40' - 30" RCP REQ'D.	262.70	259.61
	STA. 438+50.00 NB LT. JB-1 REQ'D. W1 = 30" RCP W3 = 30" RCP INVERT ELEV.: 253.18 40' - 30" RCP REQ'D.	263.50	260.49
	BEGIN SB RECONSTRUCTION STA. 435+25.00	263.50	260.49
	STA. 435+25.00	264.30	262.15
	STA. 437	265.27	264.09
	STA. 438	266.15	265.96
	STA. 439	266.59	267.68
	STA. 440	266.61	269.46
	STA. 441	266.23	270.09
	STA. 442	265.16	269.01

ADDENDUM

STATE OF MISSISSIPPI
DB 45.PG 333-334, 449-450, 550

STATE	PROJECT NO.
MISS.	HSIP-0008-00(005)
REVISED QUANTITY	REVISIONS
Δ	DATE BY
	17/19/19 CRH



H.C.M. ELEV.	250.1175
N.	599410.3939
E.	858706.1003
DESC.	REBAR WITH CAP STAMPED CP36R

LEGEND:
 REMOVAL OF PAVEMENT

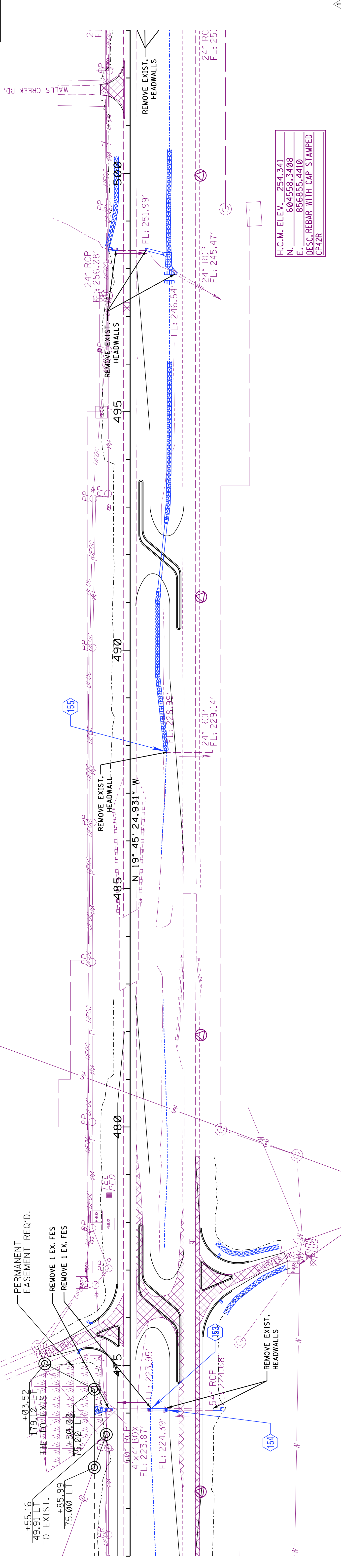
EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
Cut 14010	DITCH LINER	S.Y.	556	
Fill 3535	INTERLOCKING FLEXIBLE BLOCK	S.Y.	642	
Excess	PAVED DITCH	C.Y.	3	
	RIPRAP	TON	79	
	GEO TEXTILE	S.Y.	75	
	SOLID SOD	S.Y.	53	

STATION	DESCRIPTION	STATION	DESCRIPTION
290	STA. 447+64.70 SB LT 5'3" - 12'X5' BOX EXT. REQ'D. 15' LT FWD SKEW BOX BEND REQ'D. 3:1 WINGS REQ'D.	240	STA. 463+37.84 SB LT 15' - 5'4" BOX EXT. REQ'D. 3:1 WINGS REQ'D.
280	STA. 447+60 NB RT PUNCH-OUT REQ'D.	230	STA. 467+19.31 MEDIAN 16' - 30" RCP REQ'D. 30" BRANCH CONNECTION STUB INTO BOX CULVERT USEL 236.26 DSFL 233.72 1' - FES REQ'D.
270	STA. 449+19 120' - 18" RCP PIPE IN CROSSOVER REQ'D. USFL 257.70 DSFL 254.87 2' - FES REQ'D.	220	STA. 467+37.84 MEDIAN 16' - 30" RCP REQ'D. 30" BRANCH CONNECTION STUB INTO BOX CULVERT USEL 236.26 DSFL 233.72 1' - FES REQ'D.
260	STA. 444+05 REMOVE CROSSOVER	210	STA. 467+37.84 MEDIAN 16' - 30" RCP REQ'D. 30" BRANCH CONNECTION STUB INTO BOX CULVERT USEL 236.26 DSFL 233.72 1' - FES REQ'D.
250	STA. 447+60 NB RT PUNCH-OUT REQ'D.	200	STA. 467+37.84 MEDIAN 16' - 30" RCP REQ'D. 30" BRANCH CONNECTION STUB INTO BOX CULVERT USEL 236.26 DSFL 233.72 1' - FES REQ'D.
240	STA. 447+64.70 SB LT 5'3" - 12'X5' BOX EXT. REQ'D. 15' LT FWD SKEW BOX BEND REQ'D. 3:1 WINGS REQ'D.	190	STA. 467+37.84 MEDIAN 16' - 30" RCP REQ'D. 30" BRANCH CONNECTION STUB INTO BOX CULVERT USEL 236.26 DSFL 233.72 1' - FES REQ'D.

ADDENDUM

WETLAND SITE	
TEMPORARILY FILLED	0.09 AC
PERMANENTLY FILLED	0.06 AC
BRIDGED	AC

USA
DB 49.PG 84



H.C.M. ELEV.	239.595
N.	601960.5060
E.	857788.7423
DESC. REBAR WITH CAP STAMPED CP39R	

H.C.M. ELEV.	236.606
N.	602862.0119
E.	857465.7685
DESC. REBAR WITH CAP STAMPED CP40R	

H.C.M. ELEV.	238.898
N.	603727.2617
E.	857155.1500
DESC. REBAR WITH CAP STAMPED CP41R	

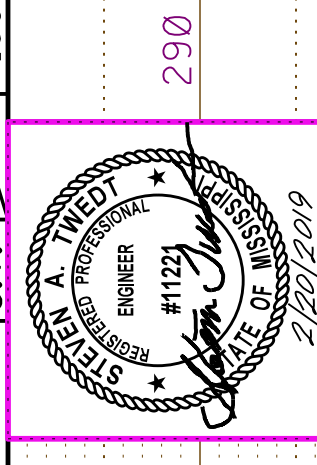
H.C.M. ELEV.	254.341
N.	604558.3408
E.	856855.4410
DESC. REBAR WITH CAP STAMPED CP42R	

LEGEND:

[Cross-hatched symbol]	REMOVAL OF PAVEMENT
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EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
Cut	DITCH LINER	S.Y.	[Symbol]	464
Fill	INTERLOCKING FLEXIBLE BLOCK	S.Y.	[Symbol]	334
	PAVED DITCH	C.Y.	[Symbol]	4
Excess	RIPRAP	TON	[Symbol]	33
	GEOTEXTILE	S.Y.	[Symbol]	31
	SOLID SOD	S.Y.	[Symbol]	160

STATION	ELEVATION	DESCRIPTION	STATION	ELEVATION	DESCRIPTION
290	241.11	237.88	472	241.11	237.88
290	240.17	237.28	473	240.17	237.28
290	239.55	236.52	474	239.55	236.52
290	239.03	235.94	475	239.03	235.94
290	238.63	235.96	476	238.63	235.96
290	238.18	236.60	477	238.18	236.60
290	237.81	237.86	478	237.81	237.86
290	237.43	239.05	479	237.43	239.05
290	237.22	239.76	480	237.22	239.76
290	237.10	240.01	481	237.10	240.01
290	236.96	240.01	482	236.96	240.01
290	236.92	240.01	483	236.92	240.01
290	236.69	240.02	484	236.69	240.02
290	236.59	240.36	485	236.59	240.36
290	239.62	241.31	490	239.62	241.31
290	241.15	242.90	491	241.15	242.90
290	242.88	245.12	492	242.88	245.12
290	244.64	247.97	493	244.64	247.97
290	246.40	251.46	494	246.40	251.46
290	248.18	255.26	495	248.18	255.26
290	249.97	258.87	496	249.97	258.87
290	251.73	262.47	497	251.73	262.47
290	253.45	266.46	498	253.45	266.46
290	255.04	270.10	499	255.04	270.10
290	256.94	272.46	500	256.94	272.46
290	258.72	273.11	501	258.72	273.11
290	258.72	273.11	502	258.72	273.11



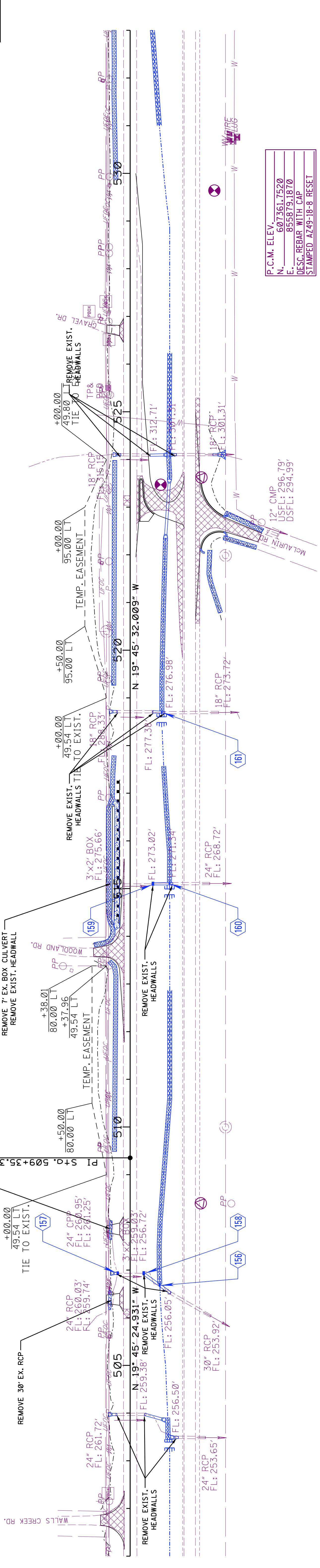
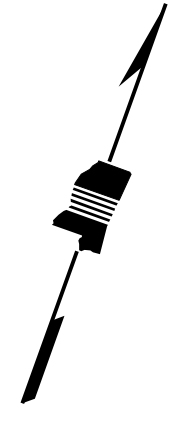
ADDENDUM

STATE	PROJECT NO.
MISS.	HSIP-0008-00(005)

P.C.M. ELEV. 312.170
 N. 606743.0160
 E. 855981.8740
 DESC. REBAR WITH CAP
 STAMPED 49-18-8 RESET

P.C.M. ELEV. 269.130
 N. 605353.2379
 E. 856570.3782
 DESC. REBAR WITH CAP STAMPED
 CP43R

REVISIONS	DATE	BY
	17/19/19	CRH



P.C.M. ELEV. 607361.7520
 N. 855879.1870
 E. 855879.1870
 DESC. REBAR WITH CAP
 STAMPED AZ49-18-8 RESET

EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
Cut	DITCH LINER	S.Y.	281	281
Fill	INTERLOCKING FLEXIBLE BLOCK	S.Y.	2498	2498
Excav	PAVED DITCH	C.Y.	22	22
Surplus	RIPRAP	TON	18	18
Borrow	GEOTEXTILE	S.Y.	17	17
	SOLID SOD	S.Y.	196	196

H.C.M. ELEV. 310.465
 N. 606786.2585
 E. 856057.0513
 DESC. REBAR WITH CAP STAMPED
 CP44R

LEGEND:
 REMOVAL OF PAVEMENT

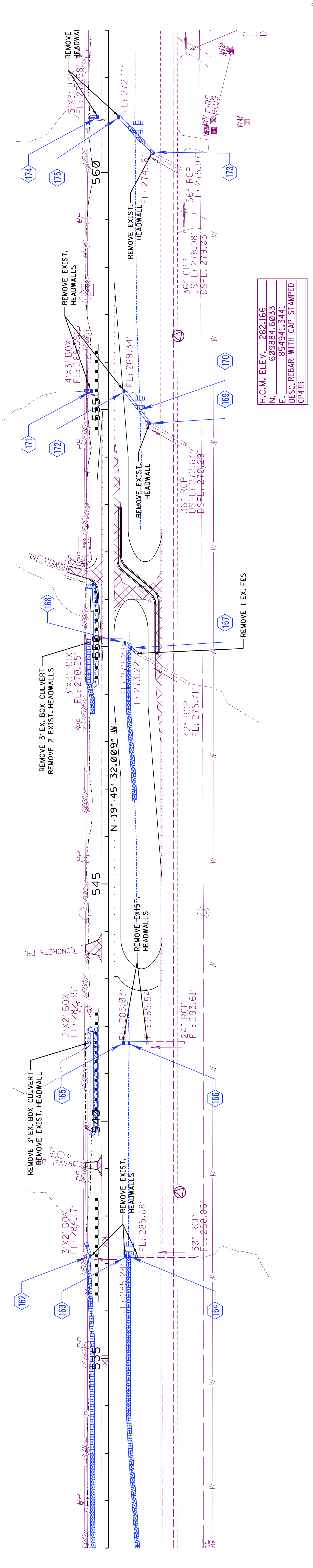
H.C.M. ELEV. 269.130
 N. 605353.2379
 E. 856570.3782
 DESC. REBAR WITH CAP STAMPED
 CP43R

STATION	DESCRIPTION	ELEVATION	REMARKS
502	258.72	273.11	
503	260.33	272.00	
504	262.20	269.89	
505	264.03	267.87	
506	265.60	266.53	
507	267.38	266.56	
508	269.21	269.00	
509	271.02	273.37	
510	272.75	277.86	
511	274.51	282.43	
512	276.32	286.52	
513	278.18	289.49	
514	280.08	290.99	
515	282.58	291.37	
516	285.62	291.88	
517	289.22	292.79	
518	293.12	294.75	
519	296.90	298.13	
520	300.59	302.14	
521	304.08	306.32	
522	307.24	310.44	
523	309.97	314.56	
524	312.35	318.82	
525	314.32	322.53	
526	315.86	324.96	
527	317.06	326.02	
528	317.89	325.62	
529	318.34	323.85	
530	318.43	320.85	
531	318.13	317.53	
532	317.53	314.30	

WK. SH.	35
SH. NO.	135

ADDENDUM

STATE	PROJECT NO.
MISS.	HSP-0008-00(005)
REVISED QUANTITY	DATE BY
	17/09/19 CRH



H.C.M. ELEV. 282.166
 N. 609884.6033
 E. 854941.3441
 DESC. REBAR WITH CAP STAMPED
 CP4TR

H.C.M. ELEV. 306.904
 N. 608186.9767
 E. 855555.1150
 DESC. REBAR WITH CAP STAMPED
 CP45R

LEGEND:
 REMOVAL OF PAVEMENT

EARTHWORK TOTAL THIS SHEET	PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
15191	Cut	CuYds	INTERLOCKING FLEXIBLE BLOCK	142
14218	Fill	CuYds	PAVED DITCH	1031
	Excav	CuYds	RIPRAP	33
	Surplus	GEOTEXTILE		
	Borrow	SOLID SOD		283

STATION	DESCRIPTION	STATION	DESCRIPTION
530	STA. 534+96 SB LT. PUNCH-OUT REQD.	548	293.16 289.54
	STA. 537+45 SB LT. PUNCH-OUT REQD.	549	291.32 287.43
	STA. 537+15.60 SB LT. SP. DES. JB-IB REQD. W1 = 44'X27' RCAP W2 = 3'X2' BOX W3 = 24" RCP INVERT ELEV.: 284.17 16' - 24" RCP REQD. (BACK) 1 - FES REQD.	550	289.81 285.71
310	STA. 537+15.60 SB LT. SP. DES. JB-IB REQD. W1 = 44'X27' RCAP W2 = 3'X2' BOX W3 = 24" RCP INVERT ELEV.: 284.17 16' - 24" RCP REQD. (AHEAD) 1 - FES REQD.	551	288.21 284.68
300	STA. 537+15.60 SB LT. SP. DES. JB-IB REQD. W1 = 44'X27' RCAP W2 = 3'X2' BOX W3 = 24" RCP INVERT ELEV.: 284.17 16' - 24" RCP REQD. (BACK) 1 - FES REQD.	552	286.62 283.93
290	STA. 537+15.60 SB LT. SP. DES. JB-IB REQD. W1 = 44'X27' RCAP W2 = 3'X2' BOX W3 = 24" RCP INVERT ELEV.: 284.17 16' - 24" RCP REQD. (BACK) 1 - FES REQD.	553	285.37 283.39
280	STA. 537+15.60 SB LT. SP. DES. JB-IB REQD. W1 = 44'X27' RCAP W2 = 3'X2' BOX W3 = 24" RCP INVERT ELEV.: 284.17 16' - 24" RCP REQD. (BACK) 1 - FES REQD.	554	284.30 282.81
270	STA. 537+15.60 SB LT. SP. DES. JB-IB REQD. W1 = 44'X27' RCAP W2 = 3'X2' BOX W3 = 24" RCP INVERT ELEV.: 284.17 16' - 24" RCP REQD. (BACK) 1 - FES REQD.	555	283.60 282.27
260	STA. 537+15.60 SB LT. SP. DES. JB-IB REQD. W1 = 44'X27' RCAP W2 = 3'X2' BOX W3 = 24" RCP INVERT ELEV.: 284.17 16' - 24" RCP REQD. (BACK) 1 - FES REQD.	556	283.28 281.80
		557	282.81 281.27
		558	282.45 280.81
		559	282.11 280.23
		560	281.68 279.64
		561	281.20 279.05
		562	280.80 278.48
SB EXIST. GRADE			
NB EXIST. GRADE			
WK. SH.		36	
SH. NO.		138	

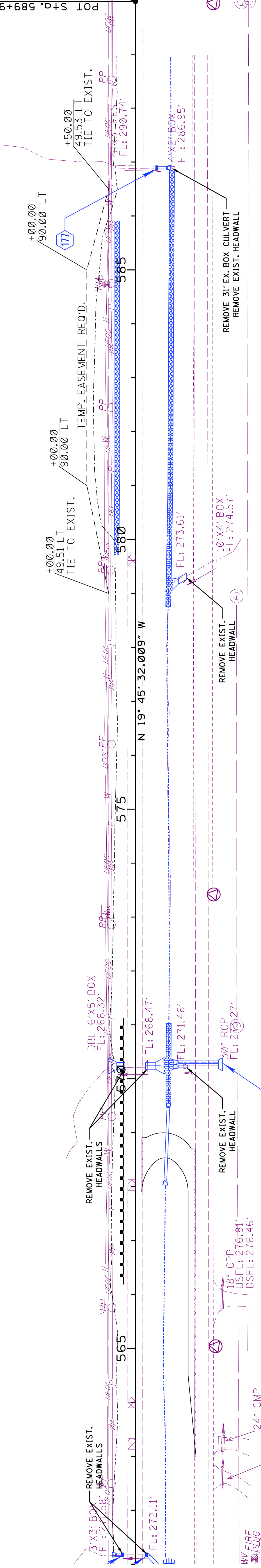
ADDENDUM

STATE	PROJECT NO.
MISS.	HSIP-0008-00(005)

REVISED QUANTITY	DATE BY	REVISIONS
△	11/19/19	CRH

END PROJECT
STA. 589+98

POT STA. 589+97.701



H.C.M. ELEV. 299.555
N. 613026.3512
E. 853810.5702
DESC. REBAR WITH CAP STAMPED
CP51R

H.C.M. ELEV. 278.845
N. 610684.0594
E. 854656.3626
DESC. REBAR WITH CAP STAMPED
CP48R

H.C.M. ELEV. 276.510
N. 611471.4215
E. 854369.7130
DESC. REBAR WITH CAP STAMPED
CP49R

LEGEND:
[Cross-hatched box] REMOVAL OF PAVEMENT

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
EARTHWORK TOTAL THIS SHEET			536
CUT	807.3		373
Fill	77.40		
Excav			
Surplus			
Borrow(B7-6)			

STATION	DESCRIPTION	ELEVATION	WIDTH	DEPTH	REMARKS
320	STA. 566 + 25 SB LT. 450' GUARDRAIL (W-BEAM) REQD. 1 - TERMINAL SECTION. REQD. 1 - TYPE 1 CABLE ANCHORAGE REQD.	277.64'	450'		
310	STA. 563 + 23 SB LT. PUNCH-OUT REQD. STA. 564 + 00 SB LT. PUNCH-OUT REQD.	277.64'			
300	STA. 568 + 11 - 569 + 46 MEDIAN 136' - 18" RCP PIPE IN CROSSOVER REQD. USFL: 269.40 DSFL: 268.74 2 - FES REQD. STA. 568 + 77 NB MEDIAN U-TURN REQD. STA. 570 + 24.12 SB RT 24' - DBL 6'X5' BOX EXT REQD. 3:1 WINGS REQD. STA. 570 + 30.74 NB 72' - 36" RCP REQD. JACKED OR BORED USFL: 270.70 DSFL: 269.52 1 - FES REQD. STA. 570 + 27 + 00 NB RT HEADWALL REQD. 3:1 WINGS 36" INVERT ELEV.: 270.70 30" INVERT ELEV.: 273.27 1 - 36" OPENING REQD. 1 - 30" OPENING REQD. STA. 579 + 61 SB LT. PUNCH-OUT REQD.	277.64'			
290	STA. 579 + 61 SB LT. PUNCH-OUT REQD.	277.64'			
280	STA. 579 + 32.05 NB LT 18' - 10'X4' BOX EXT. REQD. 3:1 WINGS REQD. 30' RT. FWD. SKEW STA. 579 + 32.05 NB LT 18' - 10'X4' BOX EXT. REQD. 3:1 WINGS REQD. 30' RT. FWD. SKEW STA. 579 + 61 SB LT. PUNCH-OUT REQD.	277.64'			
270	STA. 579 + 32.05 NB LT 18' - 10'X4' BOX EXT. REQD. 3:1 WINGS REQD. 30' RT. FWD. SKEW STA. 579 + 61 SB LT. PUNCH-OUT REQD.	277.64'			
260	STA. 579 + 61 SB LT. PUNCH-OUT REQD.	277.64'			
250	STA. 579 + 61 SB LT. PUNCH-OUT REQD.	277.64'			
SB EXIST. GRADE					
NB EXIST. GRADE					

