

**SECTION 905 -- PROPOSAL (CONTINUED)**

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

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

ADDENDUM NO.   1   DATED   11/17/2014   ADDENDUM NO.            DATED             
ADDENDUM NO.            DATED            ADDENDUM NO.            DATED           

Number	Description
1	Revised Table of Contents; Revised NTB No. 5234; Add NTB No's 6, 5233, 5272, & 5273; Revised BidItems; Revised or Added Plan Sheet Nos. 1, 2, 3, 4, 5, 7, 8, 9, 9.1, 10, 11, 12, 14, 18, 23, 24, 27, 28, 35, 38, 39, 42, 43, 52, 77, 78, 80, 87, 93, 101, 126, 126.1, 132, 133, 135, 140, 141, 142, 143, 144, 150, 151, 152, 157, 186, 187, 249, 251.1, 2003, 8001, 8002, & 8092; Amendment EBS Download Required.

TOTAL ADDENDA:   1    
(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.

STP-0062-02(017) / 100579301

Rankin County(ies)

# MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET  
OF SECTION 905 AS ADDENDA)

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**SECTION 904 - NOTICE TO BIDDERS NO. 6**

**CODE: (IS)**

**DATE: 05/03/2004**

**SUBJECT: Quantity for Fillet Concrete**

Bidders are hereby advised that the following note is shown on the span detail sheets in the bridge plans:

“The Volume Of Concrete In The Fillets Between The Bottom Of Nominal Slab And Top Of The Beams Has Been Estimated By Using One Half (1/2) Of The Fillet Height At The Bearing Times The Top Flange Width For The Full Length Of The Beam. This Volume Shall Be Used For Final Pay Quantity.”

The purpose of this note is to show the method that is used to determine the final pay quantity of fillet concrete. The calculated volume of concrete may or may not be equal to the actual volume of concrete that is placed in the fillet. The volume of fillet concrete used for final pay quantity is based upon the plan fillet height at bearing and a zero inch (0") plan fillet height at midspan.

If bidders feel that variations from these dimensions will be encountered, they should adjust their bid accordingly.

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SECTION 904 - NOTICE TO BIDDERS NO. 5233**

**CODE (SP)**

**DATE: 11/17/2014**

**SUBJECT: Placement of Fill Material in Federally Regulated Areas**

**PROJECT: STP-0062-02(017) / 100579301 – Rankin County**

A Permit (404, General, Nationwide, etc.) for placing fill material federally regulated sites is required.

The Department has acquired the following permits for permanently filling at regulated sites that are identified during project development:

**General Permit No. 46 (Wetlands & Waters of U.S.) - All sites.  
(I.D. No. MVK-2014-1007)**

Copies of said permit(s) are on file with the Department.

Securing a permit(s) for the filling of any other regulated site, the purpose of which is temporary construction for the convenience of the Contractor, shall be the responsibility of the Contractor.

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5234

CODE: (SP)

DATE: 11/17/2014

SUBJECT: Lane Closure Restrictions

PROJECT: STP-0062-02(017) / 100579301 – Rankin County

Bidders are hereby advised that lane closure restrictions on the above captioned project shall be as follows:

**SR 471** - Lane closures will NOT be allowed between the hours of 6:00 AM to 9:00 AM or between the hours of 2:00 PM to 7:00 PM Monday through Friday..

**I-20** - Lane closures will NOT be allowed between the hours of 6:00 AM and 7:00 PM Monday through Friday.

Night time closures will be allowed provided the Contractor provides a lighting plan and a detailed traffic control plan for review and approval by the Engineer. The Engineer may require the Contractor to make revisions to the lighting and traffic control plans if changes are warranted.

No exceptions to the above requirements will be allowed unless specifically approved by the Project Engineer.

**The Contractor shall notify the Engineer a minimum of 12 hours before implementation of any traffic shift or installation of any lane or shoulder closure. Prior to implementation the Contractor shall submit to the Engineer a detailed plan for traffic control for review and approval.**

No lane closures will be permitted on the following holidays or the day preceding them: New Year's Day, Independence Day, Labor Day, Thanksgiving Day or Christmas Day. In the event that one the above mentioned holidays falls during the weekend or on a Monday, no lane closures will be allowed during that weekend or the Friday immediately preceding that holiday.

If the lane closure restriction listed above is violated, no excuses will be accepted by the Department and the Contractor will be charged a fee of **\$2,500.00** for each full or partial five minute period until the roadway is back in compliance with the lane closure restriction requirement.

For the purposes of this contract, official time shall be the announced time available at the Jackson area telephone number (601) 355-9311.

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SECTION 904 - NOTICE TO BIDDERS NO. 5272**

**CODE: (SP)**

**DATE: 11/17/2014**

**SUBJECT: Milestone Construction**

**PROJECT: STP-0062-02(017) / 100579301 – Rankin County**

Bidders are hereby advised that a project milestone will be required in order to minimize impacts on the traveling public and shall consist of the following:

The Milestone Construction is defined as work associated with the East side of Hwy 471 widening from Luckney Road to the EOP described in Phase 1A through 1G of the plans.

The Milestone Construction shall be considered complete when all items of work described in Phase 1A through 1G of the plans are completed for the aforementioned section as referenced above.

The Completion Date for the Milestone Construction is **July 28, 2015**.

The contractor will be assessed a fee of **\$5,000.00** each Calendar Day beyond **July 28, 2015** until the contractor has completed the project milestone to the satisfaction of the Engineer.



**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SECTION 904 - NOTICE TO BIDDERS NO. 5273**

**CODE: (SP)**

**DATE: 11/17/2014**

**SUBJECT: Interchange Restrictions**

**PROJECT: STP-0062-02(017) / 100579301 – Rankin County**

Bidders are hereby advised that an adjacent project is under construction on I-20 at Exit 56 which will affect the flow of traffic on Highway 80. The adjacent project will be closing lanes and limiting the turning ability when entering and exiting the existing I-20 ramps. No construction traffic will be allowed to have access to the closed areas and Bidders should consider this when preparing their bid.

Construction necessary on SR 471 to build 5 lanes of traffic from US 80 to Grants Ferry Road, known as Federal Aid Project No. STP-0062-02(017) / 100579301 in Rankin County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
<b>Roadway Items</b>					
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0020	202-B002		1,575	Square Yard	Removal of Asphalt Driveways, All Depths
0030	202-B005		31,362	Square Yard	Removal of Asphalt Pavement, All Depths
0040	202-B009		1	Each	Removal of Bridge
0050	202-B010		107	Square Yard	Removal of Bridge End Pavement
0060	202-B024		1,784	Square Yard	Removal of Concrete Median & Island Pavement, All Depths
0070	202-B025		773	Square Yard	Removal of Concrete Paved Ditch
0080	202-B036		480	Square Yard	Removal of Concrete Slope Paving
0090	202-B042		6	Each	Removal of Flared End Section, All Sizes
0100	202-B057		9	Each	Removal of Inlets, All Sizes
0110	202-B064		2,457	Linear Feet	Removal of Pipe, 8" And Above
0120	202-B076		32,750	Linear Feet	Removal of Traffic Stripe
0130	202-B079		4	Each	Removal of Headwall
0140	202-B087		1,176	Linear Feet	Removal of Guard Rail, Including Rails, Posts and Terminal Ends
0150	202-B093		3,424	Linear Feet	Removal of Curb & Gutter, All Types
0160	202-B095		3,930	Square Yard	Removal of Concrete Sidewalks & Driveways, All Depths
0170	202-B132		3	Each	Removal of Traffic Signal
0180	202-B248		1	Each	Removal of Manhole
0190	202-B308		990	Ton	Removal of Riprap
0200	203-A003	(E)	72,383	Cubic Yard	Unclassified Excavation, FM, AH Changed 11/17/2014
0210	203-D001	(E)	1,000	Cubic Yard	Muck Excavation, FM
0220	203-EX029	(E)	325,117	Cubic Yard	Borrow Excavation, AH, FME, Class B15
0230	203-EX040	(E)	13,920	Cubic Yard	Borrow Excavation, AH, LVM, Class B9-6
0240	203-F002	(E)	1,450	Cubic Yard	Channel Excavation, LVM
0250	203-G003	(E)	94,339	Cubic Yard	Excess Excavation, FM, AH
0260	203-G004	(E)	9,840	Cubic Yard	Excess Excavation, LVM, AH
0270	204-A003		1,480	Square Yard	Geogrid, Type II, Biaxial
0280	206-A001	(S)	6,922	Cubic Yard	Structure Excavation
0290	206-B001	(E)	234	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0300	209-A004		71,751	Square Yard	Geotextile Stabilization, Type V, Non-Woven Changed 11/17/2014

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0310	209-A007		5,920	Square Yard	Geotextile Stabilization, Type VII, Non-Woven
0320	211-B001	(E)	2,000	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0330	213-C001		27	Ton	Superphosphate
0340	217-A001		4,490	Square Yard	Ditch Liner
0350	219-A001		109	Thousand Gallon	Watering [\$20.00]
0360	220-A001		27	Acre	Insect Pest Control [\$30.00]
0370	221-A001	(S)	1,866	Cubic Yard	Portland Cement Concrete Paved Ditch
0380	223-A001		1	Acre	Mowing [\$50.00]
0390	234-A001		46,952	Linear Feet	Temporary Silt Fence
0400	239-A001		500	Linear Feet	Temporary Slope Drains
0410	310-B003	(GT)	1,000	Ton	Size I Stabilizer Aggregate, Coarse
0420	406-A001		2,800	Square Yard	Cold Milling of Bituminous Pavement, All Depths
0430	501-E001		333	Linear Feet	Expansion Joints, Without Dowels
0440	502-A001	(C)	720	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0450	503-C007		1,001	Linear Feet	Saw Cut, Full Depth
0460	602-A001	(S)	229,380	Pounds	Reinforcing Steel
0470	603-CA002	(S)	1,456	Linear Feet	18" Reinforced Concrete Pipe, Class III
0480	603-CA003	(S)	1,100	Linear Feet	24" Reinforced Concrete Pipe, Class III
0490	603-CA004	(S)	776	Linear Feet	30" Reinforced Concrete Pipe, Class III
0500	603-CA005	(S)	280	Linear Feet	36" Reinforced Concrete Pipe, Class III
0510	603-CA006	(S)	212	Linear Feet	42" Reinforced Concrete Pipe, Class III
0520	603-CA009	(S)	160	Linear Feet	60" Reinforced Concrete Pipe, Class III
0530	603-CA011	(S)	280	Linear Feet	72" Reinforced Concrete Pipe, Class III
0540	603-CA015	(S)	180	Linear Feet	24" Reinforced Concrete Pipe, Class IV
0550	603-CA107	(S)	300	Linear Feet	24" Reinforced Concrete Pipe, Class V, Jacked or Bored
0560	603-CA122	(S)	24	Linear Feet	42" Reinforced Concrete Pipe, Class V, Jacked or Bored
0570	603-CA126	(S)	132	Linear Feet	18" Reinforced Concrete Pipe, Class V, Jacked or Bored
0580	603-CB001	(S)	3	Each	18" Reinforced Concrete End Section
0590	603-CB002	(S)	21	Each	24" Reinforced Concrete End Section
0600	603-CB003	(S)	10	Each	30" Reinforced Concrete End Section
0610	603-CB004	(S)	4	Each	36" Reinforced Concrete End Section
0620	603-CB005	(S)	4	Each	42" Reinforced Concrete End Section
0630	603-CB008	(S)	2	Each	60" Reinforced Concrete End Section
0640	603-CB010	(S)	4	Each	72" Reinforced Concrete End Section
0650	603-CE002	(S)	212	Linear Feet	29" x 18" Concrete Arch Pipe, Class A III

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0660	603-CE003	(S)	96	Linear Feet	36" x 23" Concrete Arch Pipe, Class A III
0670	603-CE007	(S)	228	Linear Feet	65" x 40" Concrete Arch Pipe, Class A III
0680	603-CF002	(S)	4	Each	29" x 18" Concrete Arch Pipe End Section
0690	603-CF003	(S)	4	Each	36" x 23" Concrete Arch Pipe End Section
0700	603-CF007	(S)	6	Each	65" x 40" Concrete Arch Pipe End Section
0710	603-SB055	(S)	1	Each	30" Branch Connections, Stub into Box Bridge
0720	604-A001		2,556	Pounds	Castings
0730	604-B001		1,221	Pounds	Gratings
0740	605-AA005	(S)	2,410	Square Yard	Geotextile for Subsurface Drainage, Type V, Non-Woven
0750	605-W001	(GY)	65	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM
0760	605-W002	(GY)	1,500	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM
0770	606-B001		550	Linear Feet	Guard Rail, Class A, Type 1
0780	606-D012		4	Each	Guard Rail, Bridge End Section, Type I
0790	606-E002		4	Each	Guard Rail, Terminal End Section, Flared
0800	607-B001		595	Linear Feet	60" Type I Chain Link Fence, Class I
0810	607-G038		2	Each	Gate, 12' x 60" Chain Link
0820	607-P1007		24	Each	Line Post, 7' x 1 1/2" Galvanized Steel
0830	607-P1025		3	Each	Line Post, 10' x 1 1/2" Galvanized Steel
0840	607-P1026		5	Each	Line Post, 9' x 1 1/2" Galvanized Steel
0850	607-P2019		3	Each	Brace Post, 10' x 2" Galvanized Steel
0860	607-P2022		2	Each	Brace Post, 12' x 2" Galvanized Steel
0870	607-P2023		13	Each	Brace Post, 8' x 2" Galvanized Steel
0880	607-P3006		2	Each	Gate Post, 12' x 2 1/2" Galvanized Steel
0890	607-Z001		9	Each	Concrete Anchors
0900	609-D001	(S)	203	Linear Feet	Combination Concrete Curb and Gutter Type 1
0910	609-D004	(S)	3,790	Linear Feet	Combination Concrete Curb and Gutter Type 3A Modified
0920	609-D007	(S)	6,466	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
0930	614-B001	(S)	619	Square Yard	Concrete Driveway, With Reinforcement
0940	615-A019	(S)	80	Linear Feet	Concrete Bridge End Barrier, 43.5"
0950	616-A001	(S)	1,619	Square Yard	Concrete Median and/or Island Pavement, 4-inch
0960	616-A003	(S)	264	Square Yard	Concrete Median and/or Island Pavement, 10-inch
0970	619-A1004		32	Mile	Temporary Traffic Stripe, Continuous White, Paint
0980	619-A1007		7,506	Linear Feet	Temporary Traffic Stripe, Continuous White, Type 1 Tape
0990	619-A2004		34	Mile	Temporary Traffic Stripe, Continuous Yellow, Paint
1000	619-A2007		7,506	Linear Feet	Temporary Traffic Stripe, Continuous Yellow, Type 1 Tape

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1010	619-A3007		15	Mile	Temporary Traffic Stripe, Skip White, Paint
1020	619-A4007		17	Mile	Temporary Traffic Stripe, Skip Yellow, Paint
1030	619-A5002		74,325	Linear Feet	Temporary Traffic Stripe, Detail, Paint
1040	619-A6003		11,556	Linear Feet	Temporary Traffic Stripe, Legend, Paint
1050	619-A6004		3,830	Square Feet	Temporary Traffic Stripe, Legend, Paint
1060	619-C6001		1,435	Each	Red-Clear Reflective High Performance Raised Marker
1070	619-C7001		6,429	Each	Two-Way Yellow Reflective High Performance Raised Marker
1080	619-D1001		1,097	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
1090	619-D2001		1,591	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
	Changed 11/17/2014				
1100	619-E1001		1	Each	Flashing Arrow Panel, Type C
1110	619-F1001		3,450	Linear Feet	Concrete Median Barrier, Precast
	Changed 11/17/2014				
1120	619-F2001		1,890	Linear Feet	Remove and Reset Concrete Median Barrier, Precast
1130	619-G4001		1,122	Linear Feet	Barricades, Type III, Single Faced
1140	619-G4005		132	Linear Feet	Barricades, Type III, Double Faced
1150	619-G5001		334	Each	Free Standing Plastic Drums
1160	619-G7001		11	Each	Warning Lights, Type "B"
1170	619-H1001		1	Lump Sum	Traffic Signals
1180	619-J1002		3	Unit	Impact Attenuator, 50 MPH
	Changed 11/17/2014				
1185	619-J1003		4	Unit	Impact Attenuator, 60 MPH
	Added 11/17/2014				
1186	619-J2002		4	Unit	Impact Attenuator, 60 MPH, Replacement Package
	Added 11/17/2014				
1190	619-J2004		3	Unit	Impact Attenuator, 50 MPH, Replacement Package
	Changed 11/17/2014				
1200	619-K2002		2	Each	Installation and Removal of Guard Rail, Type I Bridge End Section
1210	619-K4001		2	Each	Installation and Removal of Guardrail, Terminal End Section
1220	620-A001		1	Lump Sum	Mobilization
1230	627-K001		916	Each	Red-Clear Reflective High Performance Raised Markers
1240	627-L001		2,971	Each	Two-Way Yellow Reflective High Performance Raised Markers
1250	630-A001		445	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
1260	630-A002		280	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
1270	630-C004		983	Linear Feet	Steel U-Section Posts, 3.0 to 3.5 lb/ft

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1280	630-E004		255	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
1290	630-F001		28	Each	Delineators, Guard Rail, White
1300	630-G002		8	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted
1310	630-K001		213	Linear Feet	Welded & Seamless Steel Pipe Posts, 3"
1320	630-K003		15	Linear Feet	Welded & Seamless Steel Pipe Posts, 4"
1330	640-A016		42	Each	Traffic Signal Heads, Type 1 LED
1340	640-A017		5	Each	Traffic Signal Heads, Type 2 LED
1350	640-A018		3	Each	Traffic Signal Heads, Type 3 LED
1360	640-A056		9	Each	Traffic Signal Heads, Type 2 FYA LED
1370	643-A001		1	Each	Closed Loop On-Street Master System
1380	644-B001		3,862	Linear Feet	Optical Detector Cable
1390	647-A002		6	Each	Pullbox, Type 3
1400	647-A005		19	Each	Pullbox, Type 2
1410	648-A001		2	Each	Radio Interconnect, Installed in New Controller Cabinet
1420	666-B004		1,785	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 10, 2 Conductor
1430	666-B015		211	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor
1440	666-B022		353	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 2 Conductor
1450	666-B054		4,114	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor
1460	668-B025		1,910	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"
	Changed 11/17/2014				
1470	668-B024		176	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2"
	Changed 11/17/2014				
1480	668-A033		569	Linear Feet	Traffic Signal Conduit, Underground, PVC Coated, 2"
1490	668-A036		211	Linear Feet	Traffic Signal Conduit, Underground, PVC Coated, 3"
1500	815-A006	(S)	6,280	Ton	Loose Riprap, Size 100
1510	815-A009	(S)	1,245	Ton	Loose Riprap, Size 300
1520	815-E001	(S)	2,102	Square Yard	Geotextile under Riprap
1530	907-216-A001		5,431	Square Yard	Solid Sodding
1540	907-225-A001		57	Acre	Grassing
1550	907-225-B001		162	Ton	Agricultural Limestone
1560	907-225-C001		108	Ton	Mulch, Vegetative Mulch
1570	907-226-A001		55	Acre	Temporary Grassing
1580	907-234-C002		995	Linear Feet	Super Silt Fence
1590	907-234-D001		3	Each	Inlet Siltation Guard
1600	907-237-A003		10,000	Linear Feet	Wattles, 20"

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1610	907-245-A001		3,000	Linear Feet	Triangular Silt Dike
1620	907-246-B002		1,500	Each	Rockbags
1630	907-247-A001		1	Each	Temporary Stream Diversion
1640	907-249-A001		2,000	Ton	Riprap for Erosion Control
1650	907-249-B001		500	Cubic Yard	Remove and Reset Riprap
1660	907-304-B005	(GT )	29,314	Ton	Granular Material, Class 9, Group C
	Changed 11/17/2014				
1670	907-304-B007	(GT )	17,419	Ton	Granular Material, Class 5, Group E
1680	907-304-D003	(GT )	1,550	Ton	Granular Material, Size 57
1700	907-307-A002	(M )	28,364	Square Yard	6" Soil-Lime-Water Mixing, Class A
	Changed 11/17/2014				
1710	907-307-D001		383	Ton	Lime
	Changed 11/17/2014				
1720	907-307-S001	(A3 )	7,091	Gallon	Bituminous Curing Seal
	Changed 11/17/2014				
1730	907-310-B001	(GT )	400	Ton	Size III Stabilizer Aggregate, Coarse
1740	907-407-A001	(A2 )	24,434	Gallon	Asphalt for Tack Coat
1750	907-413-E001		400	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
1760	907-601-B003	(S )	87	Cubic Yard	Class "B" Structural Concrete, Minor Structures
1770	907-603-ALT01	(S )	1,204	Linear Feet	18" Type A Alternate Pipe
1780	907-603-ALT02	(S )	1,208	Linear Feet	24" Type A Alternate Pipe
1790	907-603-ALT03	(S )	52	Linear Feet	30" Type A Alternate Pipe
1800	907-603-ALT12	(S )	224	Linear Feet	36" x 23" Type A Alternate Pipe
1810	907-603-ALT15	(S )	60	Linear Feet	29" x 18" Type A Alternate Pipe
1820	907-605-O001	(S )	1,000	Linear Feet	6" Perforated Sewer Pipe for Underdrains, SDR 23.5
1830	907-605-P001	(S )	50	Linear Feet	6" Non-perforated Sewer Pipe for Underdrains, SDR 23.5
1840	907-617-A001		195	Each	Right-of-Way Marker
1850	907-618-A001		1	Lump Sum	Maintenance of Traffic
1860	907-619-E3001		12	Each	Changeable Message Sign
1870	907-622-B001		1	Each	Engineer's Field Office Building, Type 2 LO
1880	907-626-A005		5	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip White
1890	907-626-B005		1,951	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Continuous White
1900	907-626-C003		9	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
1910	907-626-D006		4	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow
1920	907-626-E006		9	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1930	907-626-G006		22,721	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
1940	907-626-G007		19,105	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
1950	907-626-H009		4,333	Linear Feet	Thermoplastic Double Drop Legend, White
1960	907-626-H010		2,629	Square Feet	Thermoplastic Double Drop Legend, White
1970	907-630-O007		1	Each	Remove and Reset Signs, Ground Mounted
1980	907-639-A002		4	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 50' Arm
1990	907-639-A006		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 30' Arm
2000	907-639-A007		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 40' Arm
2010	907-639-A008		5	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 55' Arm
2020	907-639-A010		1	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 35' Arm
2030	907-639-A015		1	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 50' Arm
2040	907-639-A016		1	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 55' Arm
2050	907-639-A021		3	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 40' Arm
2060	907-639-A028		3	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 30' Arm
2070	907-639-A029		3	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 45' Arm
2080	907-639-C002		45	Cubic Yard	Pole Foundations, 36" Diameter
2090	907-639-C004		31	Cubic Yard	Pole Foundations, 30" Diameter
2100	907-641-C001		36	Each	Signal Radar Detection System
2110	907-642-A002		6	Each	Solid State Traffic Actuated Controllers, Type 8A, State Furnished
2120	907-644-A001		23	Each	Optical Detector
2130	907-699-B002		1	Lump Sum	Bridge Construction Stakes
	Changed 11/17/2014				
2140	907-804-B001	(S)	1,236	Cubic Yard	Box Bridge Concrete, Class B
2150	907-815-F001	(S)	100	Ton	Sediment Control Stone
2160	907-899-A001		1	Lump Sum	Railway-Highway Provisions
2170	907-906001		2,080	Hours	Trainees [\$5.00]
	<b>ALTERNATE GROUP AA NUMBER 1</b>				
2180	907-308-A001		899	Ton	Portland Cement
	Changed 11/17/2014				
2190	907-308-B001	(M)	85,029	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Base
	Changed 11/17/2014				
2200	907-308-S001	(A3)	21,272	Gallon	Bituminous Curing Seal
	Changed 11/17/2014				
	<b>ALTERNATE GROUP AA NUMBER 2</b>				
2210	907-311-A003	(M)	85,029	Square Yard	Processing Lime and Fly Ash Treated Course, 6" Thick
	Changed 11/17/2014				



Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
2220	907-311-B001		627	Ton	Lime
	Changed 11/17/2014				
2230	907-311-C002		2,510	Ton	Fly Ash, Class C or F
	Changed 11/17/2014				
2240	907-311-S001	(A3 )	21,272	Gallon	Bituminous Curing Seal
	Changed 11/17/2014				
					<b>ALTERNATE GROUP BB NUMBER 1</b>
2250	907-403-A001	(BA1 )	8,565	Ton	Hot Mix Asphalt, HT, 12.5-mm mixture
					<b>ALTERNATE GROUP BB NUMBER 2</b>
2260	907-403-M010	(BA1 )	8,565	Ton	Warm Mix Asphalt, HT, 12.5-mm mixture
					<b>ALTERNATE GROUP CC NUMBER 1</b>
2270	907-403-A011	(BA1 )	9,205	Ton	Hot Mix Asphalt, ST, 12.5-mm mixture
					<b>ALTERNATE GROUP CC NUMBER 2</b>
2280	907-403-M003	(BA1 )	9,205	Ton	Warm Mix Asphalt, ST, 12.5-mm mixture
					<b>ALTERNATE GROUP DD NUMBER 1</b>
2290	907-403-A012	(BA1 )	23,814	Ton	Hot Mix Asphalt, ST, 19-mm mixture
					<b>ALTERNATE GROUP DD NUMBER 2</b>
2300	907-403-M004	(BA1 )	23,814	Ton	Warm Mix Asphalt, ST, 19-mm mixture
					<b>ALTERNATE GROUP EE NUMBER 1</b>
2310	907-403-A015	(BA1 )	6,288	Ton	Hot Mix Asphalt, ST, 9.5-mm mixture
					<b>ALTERNATE GROUP EE NUMBER 2</b>
2320	907-403-M001	(BA1 )	6,288	Ton	Warm Mix Asphalt, ST, 9.5-mm mixture
					<b>ALTERNATE GROUP FF NUMBER 1</b>
2330	907-403-C005	(BA1 )	1,736	Ton	Hot Mix Asphalt, ST, 19-mm mixture, Trench Widening
					<b>ALTERNATE GROUP FF NUMBER 2</b>
2340	907-403-O001	(BA1 )	1,736	Ton	Warm Mix Asphalt, ST, 19-mm mixture, Trench Widening
					<b>ALTERNATE GROUP GG NUMBER 1</b>
2350	907-403-B007	(BA1 )	2,721	Ton	Hot Mix Asphalt, ST, 12.5-mm mixture, Leveling
					<b>ALTERNATE GROUP GG NUMBER 2</b>
2360	907-403-N002	(BA1 )	2,721	Ton	Warm Mix Asphalt, ST, 12.5-mm mixture, Leveling
					<b>ALTERNATE GROUP HH NUMBER 1</b>
2370	907-403-D001	(BA1 )	10,862	Ton	Hot Mix Asphalt, HT, 12.5-mm mixture, Polymer Modified
					<b>ALTERNATE GROUP HH NUMBER 2</b>
2380	907-403-P002	(BA1 )	10,862	Ton	Warm Mix Asphalt, HT, 12.5-mm mixture, Polymer Modified
					<b>ALTERNATE GROUP II NUMBER 1</b>

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
2390	907-403-D004	(BA1 )	8,101	Ton	Hot Mix Asphalt, HT, 9.5-mm mixture, Polymer Modified <b>ALTERNATE GROUP II NUMBER 2</b>
2400	907-403-P001	(BA1 )	8,101	Ton	Warm Mix Asphalt, HT, 9.5-mm mixture, Polymer Modified <b>ALTERNATE GROUP JJ NUMBER 1</b>
2401	907-304-F004 Changed 11/17/2014	(GT )	30,944	Ton	Size 825B Crushed Stone Base <b>ALTERNATE GROUP JJ NUMBER 2</b>
2402	907-304-F003 Added 11/17/2014	(GT )	30,944	Ton	3/4" and Down Crushed Stone Base <b>ALTERNATE GROUP JJ NUMBER 3</b>
2403	907-304-F002 Added 11/17/2014	(GT )	30,944	Ton	Size 610 Crushed Stone Base
<b>Bridge Items</b>					
2410	501-K001		15,764	Square Yard	Transverse Grooving
2420	801-A001	(S )	913	Cubic Yard	Foundation Excavation for Bridges
2430	803-B002	(S )	3	Each	Conventional Static Pile Load Test [\$5,000.00]
2440	803-D003	(S )	9,571	Linear Feet	HP 14 x 73 Steel Piling
2450	803-D002 Changed 11/17/2014	(S )	2,400	Linear Feet	HP 12 x 53 Steel Piling
2460	803-I001	(S )	7	Each	PDA Test Pile
2470	803-J001	(S )	4	Each	Pile Restrike
2480	803-N001	(S )	600	Linear Feet	Exploration
2490	803-O009	(S )	1,500	Linear Feet	Temporary Casing, 54" Diameter
2500	803-O020	(S )	295	Linear Feet	Permanent Casing, 54" Diameter
2510	805-A001	(S )	2,038,201	Pounds	Reinforcement
2520	810-A003	(S )	1,275,000	Pounds	Structural Steel, A 709, Grade 50
2530	813-A003	(S )	3,743	Linear Feet	Concrete Railing, 42"
2540	815-D001	(S )	455	Cubic Yard	Concrete Slope Paving
2550	907-607-PP019		360	Linear Feet	Safety Fence, Per Plans
2560	907-803-K003	(S )	3,638	Linear Feet	Drilled Shaft, 54" Diameter
2570	907-803-L005	(S )	1	Each	Test Shaft, 54" Diameter
2580	907-803-M003	(S )	80	Linear Feet	Trial Shaft, 54" Diameter
2590	907-804-A001	(S )	8,419	Cubic Yard	Bridge Concrete, Class AA
2600	907-804-C174	(S )	794	Linear Feet	80' Prestressed Concrete Beam, Type IV
2610	907-804-C201	(S )	2,023	Linear Feet	102' Prestressed Concrete Beam, Type IV

<b>Line No.</b>	<b>Item Code</b>	<b>Adj Code</b>	<b>Quantity</b>	<b>Units</b>	<b>Description [Fixed Unit Price]</b>
2620	907-804-C207	(S)	914	Linear Feet	92' Prestressed Concrete Beam, Type IV
2630	907-804-C266	(S)	4,446	Linear Feet	99' Prestressed Concrete Beam, Type BT-72
2640	907-804-C267	(S)	5,717	Linear Feet	106' Prestressed Concrete Beam, Type BT-72
2650	907-811-D001	(S)	27	Each	Disc Bearing Device

**ADDENDUM**

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP-0062-02(017)**

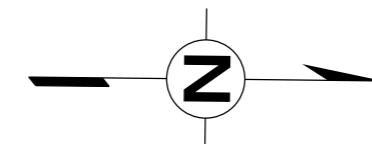
**S.R. 471 FROM U.S. 80, GOVERNMENT ST. IN BRANDON, TO GRANTS FERRY ROAD RANKIN COUNTY**

CONST. FMS. NO.: 100579/301000

**GENERAL INDEX**

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY .....	1
<input checked="" type="checkbox"/> PERMANENT SIGNS .....	1001
<input checked="" type="checkbox"/> TRAFFIC SIGNALS .....	2001
<input type="checkbox"/> ITS COMPONENTS .....	3001
<input type="checkbox"/> LIGHTING .....	4001
<input type="checkbox"/> (RESERVED) .....	5001
<input checked="" type="checkbox"/> ROADWAY STANDARD DWGS ..	6001
<input checked="" type="checkbox"/> BRIDGE STANDARD DWGS .....	7001
<input checked="" type="checkbox"/> BRIDGE .....	8001
<input checked="" type="checkbox"/> CROSS SECTIONS .....	9001

B.O.P. STA. 0 + 00



**SCALES**

PLAN	1 IN. = 50 FT.
PROFILE	HOR. 1 IN. = 50 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 1000 FT.

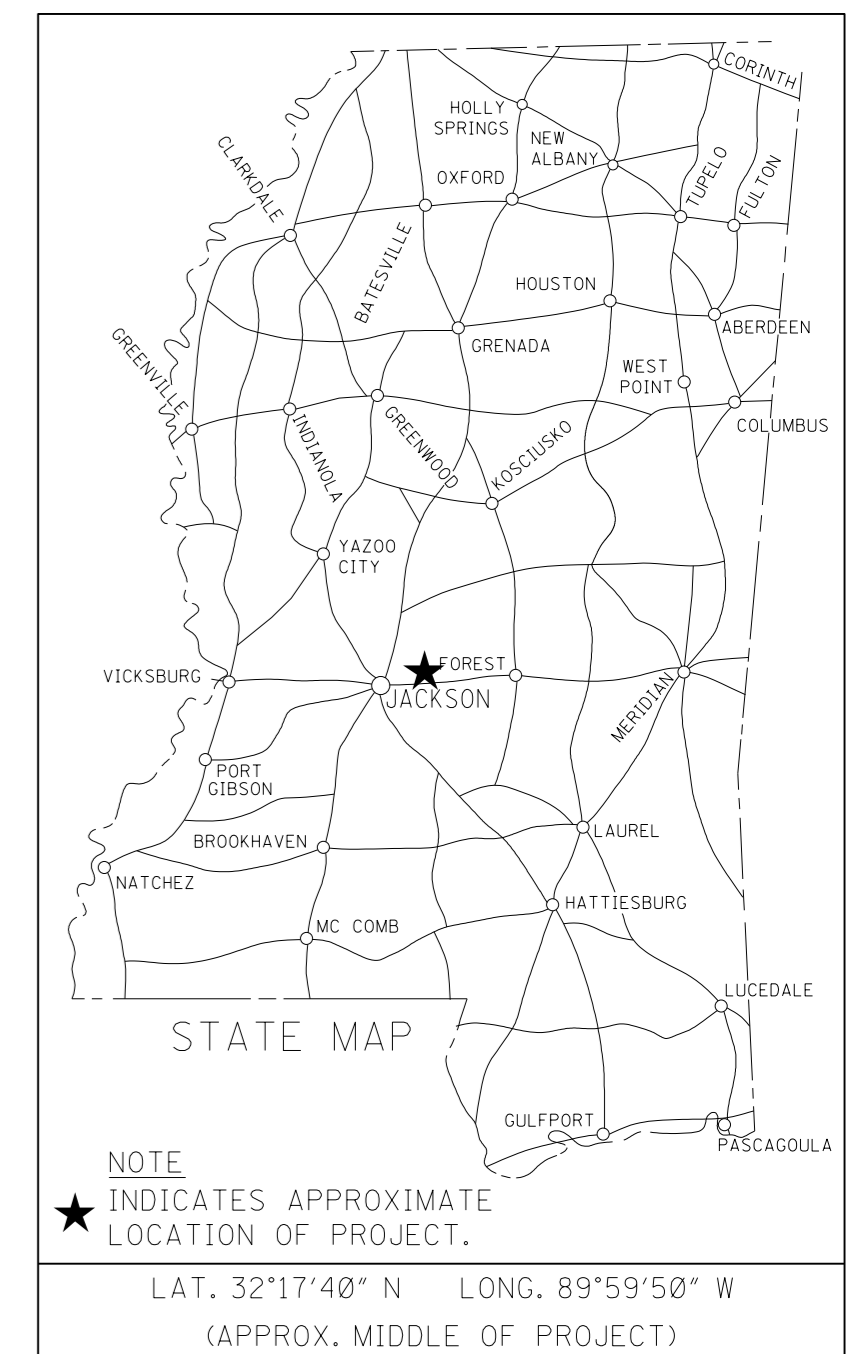
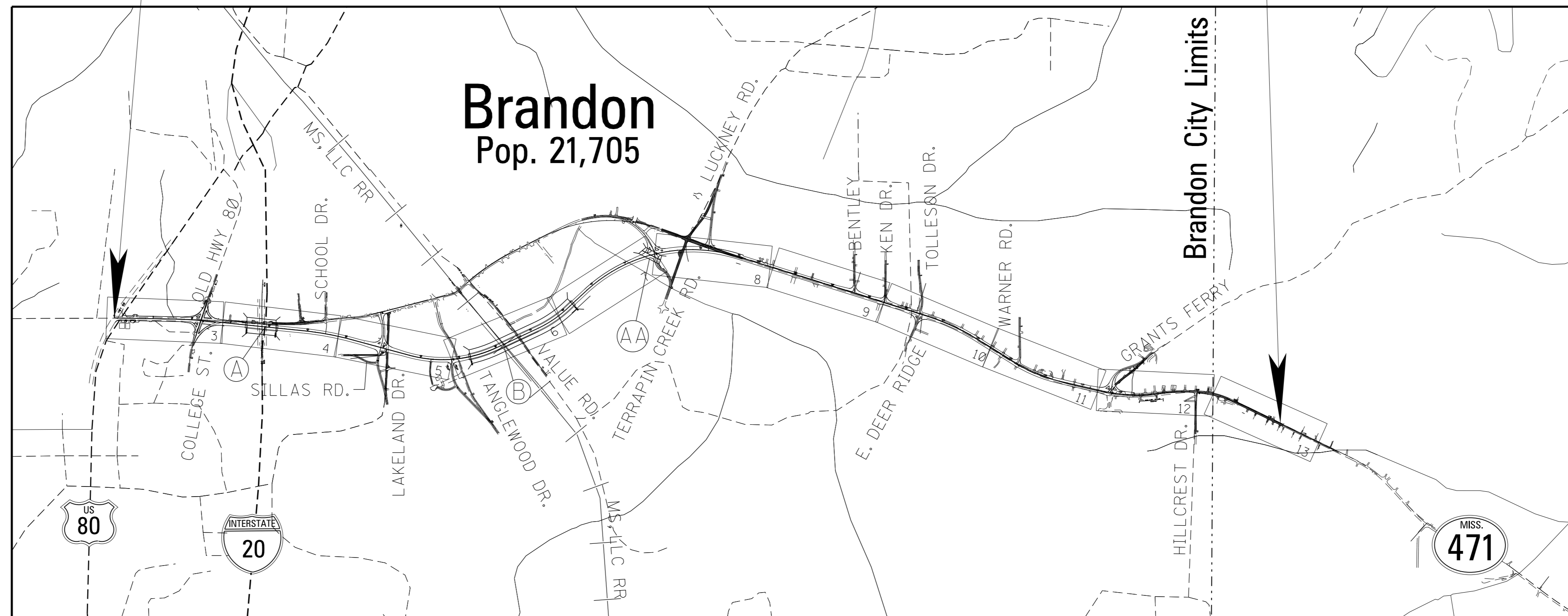
E.O.P. STA. 172 + 00

**BRIDGE STRUCTURES REQ'D.**

- (A) SR 471 OVER INTERSTATE 20  
STA. 17+14.05 (1@92', 2@102', 1@80')  
LENGTH = 378.34'
- (B) SR 471 OVER MS LLC RAILROAD & VALUE RD.  
STA. 46+48.31 (4@99', 2@180', 1@99', 6@106')  
LENGTH = 1,493.42'

**BOX BRIDGES REQ'D.**

- (AA) SR471 OVER TERRAPIN SKIN CREEK  
STA. 73+36 (DOUBLE 14'x12')  
LENGTH ALONG C = 45.26'



**DESIGN CONTROL**

50 MPH = V (SPEED DESIGN)

ADT (2012) = 17,000 ; ADT (2032) = 29,000  
DHV = 2900 ; D = 55 % T = 7 %

**PERMITS ACQUIRED BY MDOT**

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N

\* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

**STORMWATER PERMIT**

Y REQUIRED, CNGI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)  
S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)  
N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: \_\_\_\_\_

**GPS CONTROL NOTES**

HORIZONTAL DATUM: NAD 83 (2011) MS WEST ZONE (US SURVEY FEET)

HORIZONTAL MONUMENT	NORTH	EAST
SPILLWAY	1054010.19	2379559.20
Y-362	1019195.76	2349582.19

VERTICAL DATUM: NAVD 88 (US SURVEY FEET)

VERTICAL MONUMENT	ELEVATION
BRANDON RESET	520.74'
Q-23-2	327.62'

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.999942743
GRID TO GEODETIC AZIMUTH	+0°11'00.20082"

**EQUATIONS**

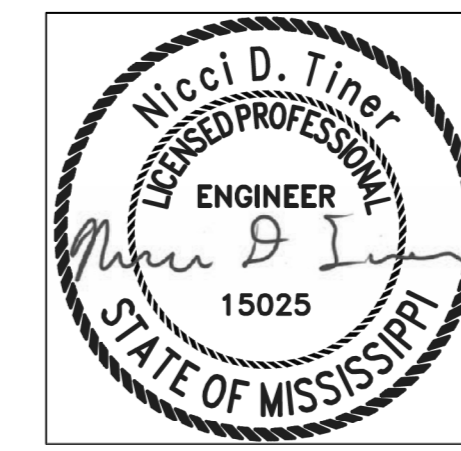
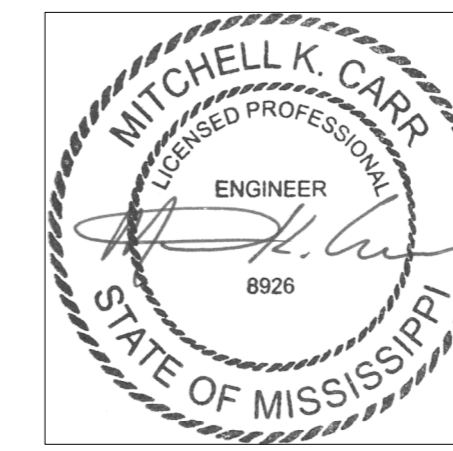
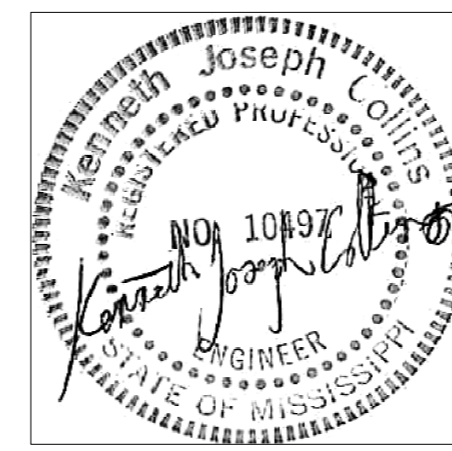
STA. 85 + 52.22 BK. = 97 + 88.95 AH  
 STA. 154 + 22.69 BK. = 154 + 23.430 AH  
 STA. 166 + 85.436 BK. = 166 + 89.22 AH

**EXCEPTIONS**

NONE

**LENGTH DATA**

LENGTH OF ROADWAY	14,040.12 FT.	2.659 MI.
LENGTH OF BRIDGES	1,918.63 FT.	0.363 MI.
LENGTH OF PROJECT (NET)		
LENGTH OF EXCEPTIONS	NONE FT.	NONE MI.
LENGTH OF PROJECT (GROSS)	15,958.75 FT.	3.022 MI.



P S & E DATE: 09-11-14

APPROVED: \_\_\_\_\_  
 DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER  
 EXECUTIVE DIRECTOR



# ADDENDUM

## DESCRIPTION OF SHEET

WKG. NO. SH. NO.

STATE PROJECT NO.  
MISS. STP-0062-02(017)

TITLE SHEET ( 1 )

### DETAILED INDEX AND GENERAL NOTES SHEETS ( 6 )

DETAILED INDEX - ROADWAY  
DETAILED INDEX - ROADWAY  
DETAILED INDEX - ROADWAY  
DETAILED INDEX - ROADWAY  
GENERAL NOTES  
GENERAL NOTES

DI-1 2  
DI-2 3  
DI-3 4  
DI-4 5  
GN-1 6  
GN-2 7

### TYPICAL SECTION SHEETS ( 16 )

TYPICAL SECTION -SR471 5 LANE - WIDENING AND OVERLAY  
TYPICAL SECTION -SR471 NEW CONSTRUCTION  
TYPICAL SECTION -SR471 NEW CONSTRUCTION  
TYPICAL SECTION -SR471 NEW CONSTRUCTION  
TYPICAL SECTION -SR471 5 LANE - WIDENING AND OVERLAY  
TYPICAL SECTION -SR471 3 LANE SECTION - WIDENING AND OVERLAY  
TYPICAL SECTION -SR471 2 LANE SECTION - OVERLAY  
TYPICAL SECTION -SR471 LOCAL ROADS - OLD HWY 80 / COLLEGE ST  
TYPICAL SECTION -SR471 LOCAL ROADS - SCHOOL DRIVE  
TYPICAL SECTION -SR471 LOCAL ROADS - LAKELAND, TANGLEWOOD, ASPEN COVE, E. DEER RIDGE  
TYPICAL SECTION -SR471 LOCAL ROADS - SILLAS RD.  
TYPICAL SECTION -SR471 LOCAL ROADS - TERRAPIN DRIVE  
TYPICAL SECTION -SR471 LOCAL ROADS - BENTLEY, KEN, TOLLESON, WARNER, & HILLCREST  
TYPICAL SECTION -SR471 LOCAL ROADS - GRANTS FERRY RD. AND LUCKNEY RD.  
TYPICAL SECTION -SR 471 LOCAL ROADS - EXISTING SR 471 CONNECTOR  
TYPICAL SECTION - I-20 (REGRADE OF DITCHES)

TS-1 8  
TS-2 9  
TS-2A 9.1  
TS-3 10  
TS-4 11  
TS-5 12  
TS-6 13  
TS-7 14  
TS-8 15  
TS-9 16  
TS-10 17  
TS-11 18  
TS-12 19  
TS-13 20  
TS-14 21  
TS-15 22

### SUMMARY OF QUANTITIES ( 6 )

SUMMARY OF QUANTITIES  
SUMMARY OF QUANTITIES  
SUMMARY OF QUANTITIES  
SUMMARY OF QUANTITIES  
SUMMARY OF QUANTITIES  
SUMMARY OF QUANTITIES

SQ-1 23  
SQ-2 24  
SQ-3 25  
SQ-4 26  
SQ-5 27  
SQ-6 28

### ESTIMATED QUANTITIES ( 13 )

ESTIMATED QUANTITIES - DRAINAGE STRUCTURES  
ESTIMATED QUANTITIES - DRIVEWAYS REQUIRED  
ESTIMATED QUANTITIES - REMOVAL ITEMS  
ESTIMATED QUANTITIES - PAVEMENT MARKING  
ESTIMATED QUANTITIES - BRIDGE END PAVEMENT, GUARDRAIL AND BOX BRIDGE  
ESTIMATED QUANTITIES - CURB AND GUTTER  
ESTIMATED QUANTITIES - EARTHWORK  
ESTIMATED QUANTITIES - SIDE DRAINS AND EROSION CONTROL  
ESTIMATED QUANTITIES - TRAFFIC SIGNAL ITEMS  
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS  
ESTIMATED QUANTITIES - CONSTRUCTION SIGNING  
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN QUANTITIES  
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN QUANTITIES

EQ-1 29  
EQ-2 30  
EQ-3 31  
EQ-4 32  
EQ-5 33  
EQ-6 34  
EQ-7 35  
EQ-8 36  
EQ-9 37  
EQ-10 38  
EQ-11 39  
SRS-1 40  
SRS-2 41

### PLAN & PROFILE SHEETS ( 31 )

SR471 MAINLINE - STA. 0+00.00 TO STA. 14+00  
OLD HWY 80/ COLLEGE ST - STA. 7+00 TO STA. 13+50  
SR471 MAINLINE - STA. 14+00.00 TO STA. 29+00  
I-20 EASTBOUND (RT) LANE  
I-20 WESTBOUND (LT) LANE  
NEW SCHOOL DRIVE - STA. 33+00 TO STA. 38+09.855  
SR471 MAINLINE - STA. 29+00 TO STA. 44+00

3 42  
3A 43  
4 44  
4A 45  
4B 46  
4C 47  
5 48

## DESCRIPTION OF SHEET

LAKELAND DRIVE - STA. 10+00.00 TO STA. 22+13.830  
SILLAS ROAD - STA. 15+37.202 TO STA. 20+00  
FLAGSTAR DRIVE - STA. 5+00 TO STA. 8+00  
SR471 MAINLINE - STA. 44+00 TO STA. 59+00  
TANGLEWOOD DRIVE - STA. 10+00 TO STA. 20+45.779  
ASPEN COVE - STA. 0+00 TO STA. 2+77.500  
MS LLC RAILROAD  
SR471 MAINLINE - STA. 59+00 TO STA. 74+00  
EXISTING SR471 CONNECTOR - STA. 8+25.313 TO STA. 20+00.00  
TERRAPIN CREEK ROAD - STA. 20+00 TO STA. 26+65.734  
SR471 MAINLINE - STA. 74+00 TO STA. 101+00  
LUCKNEY ROAD - STA. 10+00 TO STA. 20+00  
SR471 MAINLINE - STA. 101+00 TO STA. 116+00  
BENTLEY ROAD - STA. 5+00 TO STA. 10+00  
SR471 MAINLINE - STA. 116+00 TO STA. 131+00  
KEN ROAD - STA. 4+50 STA. 10+00  
TOLLESON DRIVE - STA. 4+50 TO STA. 10+00  
EAST DEER RIDGE - STA. 10+00 TO STA. 13+00  
SR471 MAINLINE - STA. 131+00 TO STA. 146+00  
WARNER DRIVE - STA. 3+80.641 TO STA. 10+00  
SR471 MAINLINE - STA. 146+00 TO STA. 161+00  
GRANTS FERRY ROAD - STA. 1+99.845 TO STA. 10+00  
HILLCREST DRIVE - STA. 10+00 TO STA. 15+36.409  
SR471 MAINLINE - STA. 161+00.00 TO E.O.P. STA. 172+00

WKG. NO. SH. NO.  
5A 49  
5B 50  
5C 51  
6 52  
6A 53  
6B 54  
6C 55  
7 56  
7A 57  
7B 58  
8 59  
8A 60  
9 61  
9A 62  
10 63  
10A 64  
10B 65  
10C 66  
11 67  
11A 68  
12 69  
12A 70  
12B 71  
13 72

### PLAN & PROFILE SHEETS - DETAILED DRAINAGE ( 6 )

DRAINAGE DESIGN - SR471 MAINLINE LEFT - STA. 0+00.00 TO STA. 6+00  
DRAINAGE DESIGN - SR471 MAINLINE RIGHT- STA. 0+00.00 TO STA. 6+00  
DRAINAGE DESIGN - SR471 MAINLINE LEFT- STA. 6+00 TO STA. 12+00  
DRAINAGE DESIGN - SR471 MAINLINE RIGHT- STA. 6+00 TO STA. 12+00  
DRAINAGE DESIGN - SR471 MAINLINE LEFT- STA. 12+00 TO STA. 18+00  
DRAINAGE DESIGN - SR471 MAINLINE RIGHT- STA. 12+00 TO STA. 18+00

DD1LT 73  
DD1RT 74  
DD2LT 75  
DD2RT 76  
DD3LT 77  
DD3RT 78

### SPECIAL DESIGN SHEETS ( 211 )

### RIGHT OF WAY LAYOUT SHEETS ( 7 )

RIGHT OF WAY LAYOUT SHEET - STA. 0+00 TO STA. 30+00  
RIGHT OF WAY LAYOUT SHEET - STA. 30+00 TO STA. 60+00  
RIGHT OF WAY LAYOUT SHEET - STA. 60+00 TO STA. 105+00  
RIGHT OF WAY LAYOUT SHEET - STA. 105+00 TO STA. 135+00  
RIGHT OF WAY LAYOUT SHEET - BENTLEY RD. AND KEN DRIVE  
RIGHT OF WAY LAYOUT SHEET - STA. 135+00 TO STA. 165+00  
RIGHT OF WAY LAYOUT SHEET - STA. 165+00 TO E.O.P. STA. 172+00

RW-1 79  
RW-2 80  
RW-3 81  
RW-4 82  
RW-4A 83  
RW-5 84  
RW-6 85

PS & E PLANS-DATE: 09-11-14		
FMS CON.: 100579 / 301000		
REVISIONS		
DATE	SHEET NO.	BY
10-17-14	26, 28, 252, 253	KJC
10-22-14	23, 25, 30, 36, 69	KJC
11-12-14	1, 2, 3, 4, 5, 7, 8, 9,	KJC
	9.1, 10, 11, 12, 14, 18,	
	23, 24, 27, 28, 35, 38,	
	39, 42, 43, 52, 77, 78,	
	80, 87, 93, 101, 126,	
	126.1, 132, 133, 135,	
	140, 141, 142, 143, 144,	
	150, 151, 152, 157, 186,	

NOTE: <sup>1</sup>  
PS & E Revisions Continued on WK. NO. DI-2.



Date: 06/06/2014

MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>DETAIL INDEX</b>		WORKING NUMBER <b>DI-1</b>
SR 471 FROM U.S. HWY 80 TO GRANT'S FERRY ROAD		SHEET NUMBER <b>2</b>
PROJ NO: STP-0062-02(017) COUNTY: RANKIN		FILENAME: DI-1.dgn
DESIGN TEAM	BAKER	CHECKED
KJC	DATE	2014

11/12/2014 1:59 PM I:INDEX.DGN

# ADDENDUM

## DESCRIPTION OF SHEET

STATE	PROJECT NO.
MISS.	STP-0062-02(017)

### INTERSECTION DETAIL SHEETS ( 7 )

SR 471 - STA. 0+00 TO STA. 8+00  
 SR 471 AT OLD HWY 80 AND COLLEGE ST.  
 SR 471 AT LAKELAND DRIVE  
 SR 471 AT TERRAPIN CREEK ROAD  
 SR 471 AT LUCKNEY ROAD  
 SR 471 AT TOLLESON DRIVE AND EAST DEER RIDGE RD  
 SR 471 AT GRANTS FERRY ROAD

WKG. NO.	SH. NO.
ID-1	86
ID-2	87
ID-3	88
ID-4	89
ID-5	90
ID-6	91
ID-7	92

### FORM GRADE SHEETS ( 7 )

FORM GRADES - OLD HWY 80 AND COLLEGE ST  
 FORM GRADES - LAKELAND DRIVE  
 FORM GRADES - BRIDGE STA. 60+75 TO STA. 66+00  
 FORM GRADES - EX SR 471 CONNECTOR  
 FORM GRADES - LUCKNEY ROAD  
 FORM GRADES - EAST DEER RIDGE DRIVE  
 FORM GRADES - GRANTS FERRY ROAD

FG-1	93
FG-2	94
FG-3	95
FG-4	96
FG-5	97
FG-6	98
FG-7	99

### PERMANENT PAVEMENT MARKING SHEETS ( 26 )

PAVEMENT MARKING - SR 471 STA. 0+00 TO STA. 7+50  
 PAVEMENT MARKING - SR 471 AT OLD HWY 80 STA. 7+50 TO STA. 16+50  
 PAVEMENT MARKING - SR 471 STA. 16+50 TO STA. 25+50  
 PAVEMENT MARKING - SR 471 STA. 25+50 TO STA. 32+00  
 PAVEMENT MARKING - NEW SCHOOL DRIVE  
 PAVEMENT MARKING - SR 471 AT LAKELAND DR STA. 32+00 TO STA. 37+50  
 PAVEMENT MARKING - LAKELAND DRIVE STA. 15+50 TO 22+00  
 PAVEMENT MARKING - SR 471 STA. 37+50 TO STA. 46+00  
 PAVEMENT MARKING - TANGLEWOOD DRIVE STA. 12+00 TO 22+00  
 PAVEMENT MARKING - SR 471 STA. 46+00 TO STA. 55+00  
 PAVEMENT MARKING - SR 471 STA. 55+00 TO STA. 64+00  
 PAVEMENT MARKING - SR 471 STA. 64+00 TO STA. 70+50  
 PAVEMENT MARKING - SR 471 STA. 70+50 TO STA. 79+00  
 PAVEMENT MARKING - EXISTING SR471 STA. 8+00 TO 17+00  
 PAVEMENT MARKING - TERRAPIN CREEK RD. STA. 21+00 TO 26+65.73  
 PAVEMENT MARKING - LUCKNEY ROAD STA. 10+00 TO STA. 20+00  
 PAVEMENT MARKING - SR471 STA. 83+00 TO STA. 104+00  
 PAVEMENT MARKING - SR471 STA. 104+00 TO STA. 112+00  
 PAVEMENT MARKING - SR471 STA. 112+00 TO STA. 118+00  
 PAVEMENT MARKING - SR471 STA. 118+00 TO STA. 127+00  
 PAVEMENT MARKING - TOLLESON DRIVE STA. 3+00 TO 9+00  
 PAVEMENT MARKING - SR471 STA. 127+00 TO STA. 135+00  
 PAVEMENT MARKING - SR471 STA. 135+00 TO STA. 144+00  
 PAVEMENT MARKING - SR471 AT GRANTS FERRY ROAD STA. 144+00 TO STA. 153+00  
 PAVEMENT MARKING - SR471 STA. 153+00 TO STA. 162+00  
 PAVEMENT MARKING - SR471 STA. 162+00 TO E.O.P. STA. 172+00

PMD-1	100
PMD-2	101
PMD-3	102
PMD-4	103
PMD-5	104
PMD-6	105
PMD-7	106
PMD-8	107
PMD-9	108
PMD-10	109
PMD-11	110
PMD-12	111
PMD-13	112
PMD-14	113
PMD-15	114
PMD-16	115
PMD-17	116
PMD-18	117
PMD-19	118
PMD-20	119
PMD-21	120
PMD-22	121
PMD-23	122
PMD-24	123
PMD-25	124
PMD-26	125

### CONSTRUCTION SIGNING PLANS ( 7 ) 1

CONSTRUCTION SIGNING  
 CONSTRUCTION SIGNING  
 CONSTRUCTION SIGNING  
 CONSTRUCTION SIGNING  
 CONSTRUCTION SIGNING  
 CONSTRUCTION SIGNING

CS-1	126
CS-1A	126.1 1
CS-2	127
CS-3	128
CS-4	129
CS-5	130
CS-6	131

### TRAFFIC CONTROL PLANS ( 31 )

SR471 - PHASE 1  
 SR471 - PHASE 1  
 SR471 - PHASE 1 - OLD US 80 / COLLEGE ST DETOUR  
 SR471 - PHASE 1  
 SR471 - PHASE 1

TC1-1	132
TC1-1A	133
TC1-1B	134
TC1-2	135
TC1-3	136

## DESCRIPTION OF SHEET

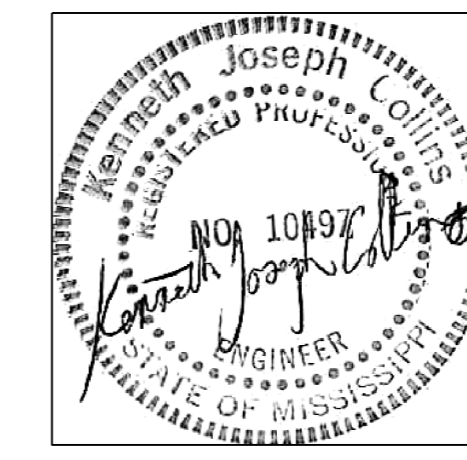
SR471 - PHASE 1  
 SR471 - PHASE 1  
 SR471 - PHASE 1  
 SR471 - PHASE 1 - TYPICAL SECTIONS  
 SR471 - PHASE 1 - TYPICAL SECTIONS  
 SR471 - PHASE 2  
 SR471 - PHASE 2  
 SR471 - PHASE 2  
 SR471 - PHASE 2 - LAKEKLAND DETOUR  
 SR471 - PHASE 2  
 SR471 - PHASE 2  
 SR471 - PHASE 2  
 SR471 - PHASE 2  
 SR471 - PHASE 2A  
 SR471 - PHASE 3  
 SR471 - PHASE 3  
 SR471 - PHASE 3  
 SR471 - PHASE 3  
 SR471 - PHASE 3  
 SR471 - PHASE 3  
 SR471 - PHASE 3  
 SR471 - PHASE 3  
 SR471 - PHASE 4  
 SR471 - PHASE 4  
 SR471 - PHASE 4  
 SR471 - PHASE 4  
 SR471 - PHASE 4  
 SR471 - PHASE 4

### MDOT PRELIMINARY EROSION CONTROL PLANS ( 23 )

DETAILS OF TYPICAL DITCH TREATMENT  
 DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT  
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASINS)  
 TYPICAL TEMPORARY EROSION SEDIMENT CONTROL APPLICATIONS  
 DETAILS OF SEDIMENT BARRIER APPLICATIONS  
 DETAILS OF SILT FENCE INSTALLATION  
 DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS  
 TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS  
 DETAILS OF EROSION CONTROL WATTLE DITCH CHECK  
 DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK  
 ROCK DITCH CHECK  
 ROCK DITCH CHECK WITH SUMP EXCAVATION  
 INLET PROTECTION TYPICAL APPLICATION AND DETAILS  
 INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS  
 INLET PROTECTION DETAILS OF WATTLES  
 INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE  
 INLET PROTECTION DETAILS OF SAND BAG  
 STABILIZED CONSTRUCTION ENTRANCE  
 TEMPORARY CULVERT STREAM CROSSING  
 TEMPORARY STREAM DIVERSION  
 TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)  
 FLOATING TURBIDITY CURTAIN  
 DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK

DT-1	163
DT-1A	164
TEC-2	165
ECD-1	166
ECD-2	167
ECD-3	168
ECD-4	169
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ECD-8	173
ECD-9	174
ECD-10	175
ECD-11	176
ECD-12	177
ECD-13	178
ECD-14	179
ECD-15	180
ECD-16	181
ECD-17	182
ECD-18	183
ECD-19	184
ECD-20	185

PS & E PLANS-DATE: 09-11-14		
FMS CON.: 100579 / 301000		
REVISIONS		
DATE	SHEET NO.	BY
11-12-14	187, 235, 236, 237,	KJC
	249, 251.1, 2003	



Date: 06/06/2014

NO.	DATE	BY	REVISION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**DETAIL INDEX**  
**SR 471 FROM U.S. HWY 80**  
**TO GRANT'S FERRY ROAD**

PROJ NO: STP-0062-02(017)  
 COUNTY: RANKIN

WORKING NUMBER  
**DI-2**

FILENAME: DI-1.dgn  
 SHEET NUMBER  
**3**

DESIGN TEAM BAKER CHECKED KJC DATE 2014

# ADDENDUM

## DESCRIPTION OF SHEET

WKG.  
NO.

SH.  
NO.

STATE PROJECT NO.  
MISS. STP-0062-02(017)

### EROSION CONTROL PLANS ( 31 )

SR471 MAINLINE - STA. 0+00.00 TO STA. 14+00  
 OLD HWY 80/ COLLEGE ST - STA. 7+00 TO STA. 13+50  
 SR471 MAINLINE - STA. 14+00.00 TO STA. 29+00  
 I-20 EASTBOUND (RT) LANE  
 I-20 WESTBOUND (LT) LANE  
 NEW SCHOOL DRIVE - STA. 33+00 TO STA. 38+09.855  
 SR471 MAINLINE - STA. 29+00 TO STA. 44+00  
 LAKELAND DRIVE - STA. 10+00.00 TO STA. 22+13.830  
 SILLAS ROAD - STA. 15+37.202 TO STA. 20+00  
 FLAGSTAR DRIVE - STA. 5+00 TO STA. 8+00  
 SR471 MAINLINE - STA. 44+00 TO STA. 59+00  
 TANGLEWOOD DRIVE - STA. 10+00 TO STA. 20+45.779  
 ASPEN COVE - STA. 0+00 TO STA. 2+77.500  
 MS LLC RAILROAD  
 SR471 MAINLINE - STA. 59+00 TO STA. 74+00  
 EXISTING SR471 CONNECTOR - STA. 8+25.313 TO STA. 20+00.00  
 TERRAPIN CREEK ROAD - STA. 20+00 TO STA. 26+65.734  
 SR471 MAINLINE - STA. 74+00 TO STA. 101+00  
 LUCKNEY ROAD - STA. 10+00 TO STA. 20+00  
 SR471 MAINLINE - STA. 101+00 TO STA. 116+00  
 BENTLEY ROAD - STA. 5+00 TO STA. 10+00  
 SR471 MAINLINE - STA. 116+00 TO STA. 131+00  
 KEN ROAD - STA. 4+50 TO STA. 10+00  
 TOLLESON DRIVE - STA. 4+50 TO STA. 10+00  
 EAST DEER RIDGE - STA. 10+00 TO STA. 13+00  
 SR471 MAINLINE - STA. 131+00 TO STA. 146+00  
 WARNER DRIVE - STA. 3+80.641 TO STA. 10+00  
 SR471 MAINLINE - STA. 146+00 TO STA. 161+00  
 GRANTS FERRY ROAD - STA. 1+99.845 TO STA. 10+00  
 HILLCREST DRIVE - STA. 10+00 TO STA. 15+36.409  
 SR471 MAINLINE - STA. 161+00.00 TO E.O.P. STA. 172+00

### MISCELLANEOUS SHEETS ( 36 )

BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL AND SKEWED CULVERTS  
 BOX CULVERT DRAWING - IBD CULVERTS MODIFIED FOR HIGH COVER - WINGS WITH 3:1 SLOPE  
 BOX CULVERT DRAWING - IBD CULVERTS MODIFIED FOR HIGH COVER - WINGS WITH 3:1 SLOPE  
 WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHTS 4 - 12 FEET - TOTAL SPANS 8-40 FEET  
 WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHTS 4 - 12 FEET - TOTAL SPANS 8-40 FEET  
 SKEWED COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE, TRIPLE AND QUADRUPLE)  
 BOX CULVERT DRAWING - 45 DEGREE SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE AND DOUBLE CELL CULVERTS  
 PRECAST UNITS - JUNCTION BOX, SS-3, AND DROP PRECAST INLET (30" CONCRETE ROUND PIPE AND UNDER)(36"x23" CONCRETE ARCH PIPE AND UNDER)  
 ARCH PIPE AND UNDER)  
 PRECAST UNITS - SS-2 PRECAST INLET (30" CONCRETE ROUND PIPE AND UNDER) (36"x23" CONCRETE ARCH PIPE AND UNDER)  
 SUPER SILT FENCE  
 FENCE: TYPICAL INSTALLATION AT BRIDGES  
 BRIDGE END PAVEMENT WITH RAIL AND OVERLAY  
 43.5" BRIDGE END PAVEMENT RAIL  
 GUARDRAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS)  
 GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS)  
 GUARDRAIL: RUB RAIL HARDWARE SHEET  
 LOCATION OF R16-3 SIGNS  
 RIGHT-OF-WAY MARKER  
 RIGHT-OF-WAY COORDINATE SHEET  
 RIGHT-OF-WAY COORDINATE SHEET  
 RIGHT-OF-WAY COORDINATE SHEET  
 SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V < 40 MPH)  
 SUPERELEVATION TRANSITION - CASE I - ROTATION ABOUT CENTERLINE (URBAN FACILITY, V = 50 MPH)  
 SUPERELEVATION TRANSITION ROTATION ABOUT CENTERLINE (URBAN FACILITY, V <= 45 MPH)  
 TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE  
 SPECIAL DESIGN PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS  
 PAVEMENT MARKING DETAILS FOR 4-LANE AND 5-LANE UNDIVIDED HIGHWAYS  
 HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS

SD-IBJL-1 217  
 SD-IBDM-3W 218  
 SD-IBDM-3WA 219  
 SD-IWD-3 220  
 SD-IWD-3A 221  
 SD-ICJS 222  
 SD-ISK-45-3W 223  
 PCU-1 224  
 PCU-2 225  
 SSF-1 226  
 SDFI-1 227  
 BE-1C 228  
 BE-PR-1C 229  
 GR-2F 230  
 GR-2G 231  
 GR-RR 232  
 LRS-1 233  
 RW-1 234  
 RWCS-1 235  
 RWCS-2 236  
 RWCS-3 237  
 SDSE-1 238  
 SDSE-2E 239  
 SDSE-2G 240  
 TCP-SC 241  
 SDPM-1 242  
 SDPM-2 243  
 SDTCP-10 244

## DESCRIPTION OF SHEET

WKG.  
NO.

SH.  
NO.

BREAKAWAY SIGN SUPPORTS  
 TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS  
 DRIVEWAYS, CURB & GUTTER & SIDEWALK  
 MISCELLANEOUS CONSTRUCTION DETAILS  
 MISCELLANEOUS DETAIL SHEET  
 RURAL DRIVEWAYS  
 VEGETATION SCHEDULE  
 SURVEY CONTROL POINTS

### CRANE PAD AND WORK RAMP DETAILS AT RAILROAD ( 18 )

SEQUENCE OF CONSTRUCTION  
 PHASE 1 TYPICAL SECTION  
 PHASE 2 TYPICAL SECTION  
 PHASE 1 PLAN  
 PHASE 2 PLAN  
 GEOTECHNICAL DETAILS  
 DRAINAGE STRUCTURE DETAILS  
 AGGREGATE AND OPERATION LIMITS  
 PHASE 1 CROSS SECTIONS  
 PHASE 1 CROSS SECTIONS  
 PHASE 1 CROSS SECTIONS  
 PHASE 1 CROSS SECTIONS  
 PHASE 1 CROSS SECTIONS  
 PHASE 2 CROSS SECTIONS  
 PHASE 2 CROSS SECTIONS  
 PHASE 2 CROSS SECTIONS  
 PHASE 2 CROSS SECTIONS  
 PHASE 2 CROSS SECTIONS

SDSN-6B 245  
 SDSN-8 246  
 SDSD-1 247  
 MCD-1 248  
 MD-1 249  
 RD-1 250  
 VS-1 251  
 SC-1 251.1

### PERMANENT SIGNING SHEETS ( 5 )

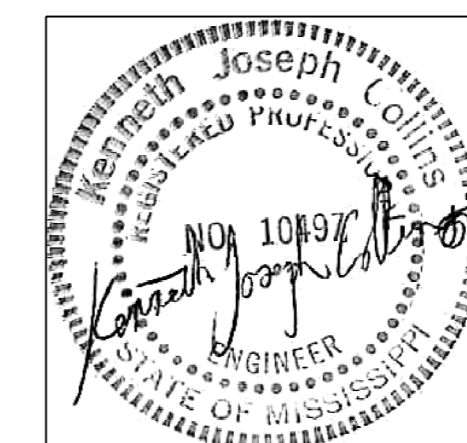
PERMANENT SIGNING PLANS - B.O.P. STA. 0+00 TO STA. 30+00  
 PERMANENT SIGNING PLANS - STA. 30+00 TO STA. 62+00  
 PERMANENT SIGNING PLANS - STA. 62+00 TO STA. 107+00  
 PERMANENT SIGNING PLANS - STA. 107+00 TO STA. 139+00  
 PERMANENT SIGNING PLANS - STA. 139+00 TO E.O.P. STA. 172+00

PSP-1 1001  
 PSP-2 1002  
 PSP-3 1003  
 PSP-4 1004  
 PSP-5 1005

### TRAFFIC SIGNAL SHEETS ( 13 )

TRAFFIC SIGNAL PLANS - SR471 AT U.S. HWY 80  
 TRAFFIC SIGNAL PLANS - SR471 AT OLD HWY 80  
 TRAFFIC SIGNAL PLANS - SR471 AT OLD HWY 471  
 TRAFFIC SIGNAL PLANS - SR471 AT LUCKNEY RD.  
 TRAFFIC SIGNAL PLANS - SR471 AT EAST DEER RIDGE RD.  
 TRAFFIC SIGNAL PLANS - SR471 AT GRANTS FERRY RD.  
 TEMPORARY TRAFFIC SIGNAL - SR471 AT EAST DEER RIDGE ROAD  
 DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS AND GENERAL NOTES  
 PULLBOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION  
 TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHEMENTS AND MISCELLANEOUS DETAILS  
 MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION  
 CITY OF BRANDON STANDARD SIGNAL DETAILS AND MAST ARM SIGNAL POLES  
 TRAFFIC CONTROL PLAN (TYPICAL SIGNAL INSTALLATION)

TSI-1 2001  
 TSI-2 2002  
 TSI-3 2003  
 TSI-4 2004  
 TSI-5 2005  
 TSI-6 2006  
 TSI-7 2007  
 TSD-1 2008  
 TSD-3 2009  
 TSD-5 2010  
 TSD-6 2011  
 TSD-6A 2012  
 TSD-7 2013



Date: 06/06/2014

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAIL INDEX</b>	
<b>SR 471 FROM U.S. HWY 80 TO GRANT'S FERRY ROAD</b>	
PROJ NO: STP-0062-02(017)	WORKING NUMBER DI-3
COUNTY: RANKIN	SHEET NUMBER 4
FILENAME: DI-1.dgn	
DESIGN TEAM: BAKER	CHECKED: KJC
DATE: 2014	

11/12/2014 2:00 PM I:INDEX.DGN

# ADDENDUM

## DESCRIPTION OF SHEET

STATE	PROJECT NO.
MISS.	STP-0062-02(017)

### STANDARD DRAWINGS - ROADWAY SHEETS ( 46 )

PAVEMENT MARKING LEGEND DETAILS		PM-5	6124
PAVEMENT MARKING LEGEND DETAILS		PM-6	6125
EROSION CONTROL		EC-1	6140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)		TEC-3	6144
FENCE: CHAIN LINK CLASS I	03-01-02	CL-1	6162
FENCE: CHAIN LINK GATE	03-01-02	CLG-1	6168
GUARDRAIL: "W" BEAM (WOOD POSTS)	03-01-02	GR-1	6180
GUARDRAIL: THRIE BEAM (WOOD POSTS)	03-01-02	GR-1A	6181
GUARDRAIL: "W" BEAM (STEEL POSTS)	03-01-02	GR-1B	6182
GUARDRAIL: MODIFIED THRIE BEAM (STEEL POSTS)	03-01-02	GR-1C	6183
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAYS	12-01-99	GR-4A	6195
GUARDRAIL (TEMPORARY): TYPICAL INSTALLATION AT BRIDGE END DURING CONSTRUCTION PHASES	03-01-02	TGR-2	6200
GUARDRAIL: MISCELLANEOUS HARDWARE	03-01-02	GR-HW	6202
MEDIAN BARRIER: CONCRETE (PRECASTS)	03-01-02	MB-2A	6205
ROUTE SHIELDS AND "EXT ONLY" PANELS		SN-2	6221
STANDARD ROADSIDE SIGNS		SN-3	6222
STANDARD ROADSIDE SIGNS		SN-3A	6223
STANDARD ROADSIDE SIGNS	03-01-02	SN-3B	6224
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4	6225
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4A	6226
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4B	6227
BREAKAWAY SIGN SUPPORTS		SN-6	6229
BREAKAWAY SIGN SUPPORTS		SN-6A	6230
TYPICAL GUARDRAIL DELINEATION	03-01-02	SN-8C	6236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)		TCP-1	6250
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)		TCP-5	6254
(MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)			
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS		TCP-8	6257
TRAFFIC CONTROL PLANS MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	12-01-99	TCP-11	6260
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS		TCP-14	6263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-01-99	TCP-15	6264
TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED HIGHWAYS	12-01-99	TCP-16	6265
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS		GT-1	6272
SIGHT FLARE	12-01-99	SF-1	6273
MISCELLANEOUS DETAIL SHEET, 1. STACKED PIPE JOINTS, 2. EXCAVATION AT GRADE POINTS		MDS-1	6290
DETAILS OF PAVED FLUMES		PF-1	6291
PIPE CULVERT INSTALLATION		PI-1	6300
PIPE COLLAR - CONCRETE		PC-1	6301
BRANCH CONNECTIONS		BC-1	6305
DETAILS OF GRATES FOR GUTTER INLETS		IG-2	6315
GUTTER INLET FOR TYPE 2 CURB STORM SEWER ALONG ROADWAY		GI-1A	6317
STORM SEWER INLET - TYPE SS-2		SS-2	6322
STORM SEWER INLET - TYPE SS-3		SS-3	6323
DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERT		B-9	6325
FLARED END SECTION FOR CONCRETE PIPE		FE-1	6328
FLARED END SECTION FOR CONCRETE ARCH PIPE		FE-1A	6329
DETAILS OF UNDERDRAIN AND STORM DRAIN USED AS UNDERDRAIN		UD-1	6331

### STANDARD DRAWINGS - BOX CULVERTS ( 2 )

BASIC CULVERT DRAWING DOUBLE CELL - HEIGHT 12 FT. SPANS 24 - 40 FT.	IBD-12-2W	7034
BASIC CULVERT DRAWING DOUBLE CELL - HEIGHT 12 FT. SPANS 24 - 40 FT.	IBD-12-2W	7035

## DESCRIPTION OF SHEET

### CROSS SECTIONS ( 252 )

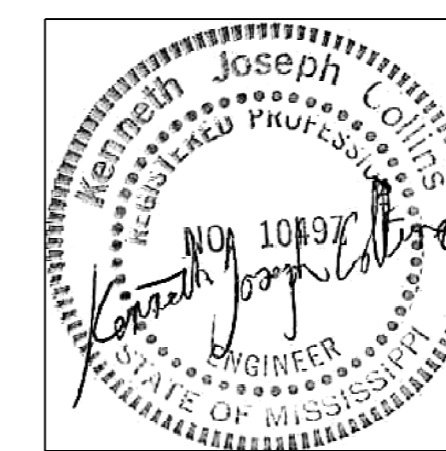
SR 471 MAINLINE STA. 0+00 TO STA. 155+53.213
SR 471 TIE IN STA. 155+53.213 TO STA. 172+00
OLD HWY 80 / COLLEGE STREET
NEW SCHOOL DRIVE
LAKELAND DRIVE RELOCATED
SILLAS DRIVE RELOCATED
FLAG STAR DRIVE
TANGLEWOOD DRIVE RELOCATED
ASPEN COVE
EXISTING SR 471
TERRAPIN CREEK ROAD
LUCKNEY ROAD
BENTLEY DRIVE
KEN DRIVE
TOLLESON DRIVE
EAST DEER RIDGE ROAD
WARNER DRIVE
GRANTS FERRY ROAD
HILLCREST DRIVE
I-20 EASTBOUND (RT) LANE
I-20 WESTBOUND (LT) LANE

WKG. NO. SH. NO.

9001-9132
9133-9144
9145-9148
9149-9154
9155-9166
9167-9170
9171-9175
9176-9186
9187-9191
9192-9199
9200-9204
9205-9212
9213-9216
9217-9219
9220-9224
9225-9226
9227-9230
9231-9235
9236-9238
9239-9245
9246-9252

TOTAL SHEETS = 590 

NOTE:  
SEE BRIDGE PLANS FOR BRIDGE  
DETAILED INDEX SHEET.



Date: 06/06/2014


MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAIL INDEX</b>	
<b>SR 471 FROM U.S. HWY 80 TO GRANT'S FERRY ROAD</b>	
PROJ NO: STP-0062-02(017)	WORKING NUMBER
COUNTY: RANKIN	DI-4
FILENAME: DI-1.dgn	SHEET NUMBER
DESIGN TEAM BAKER CHECKED KJC DATE 2014	5

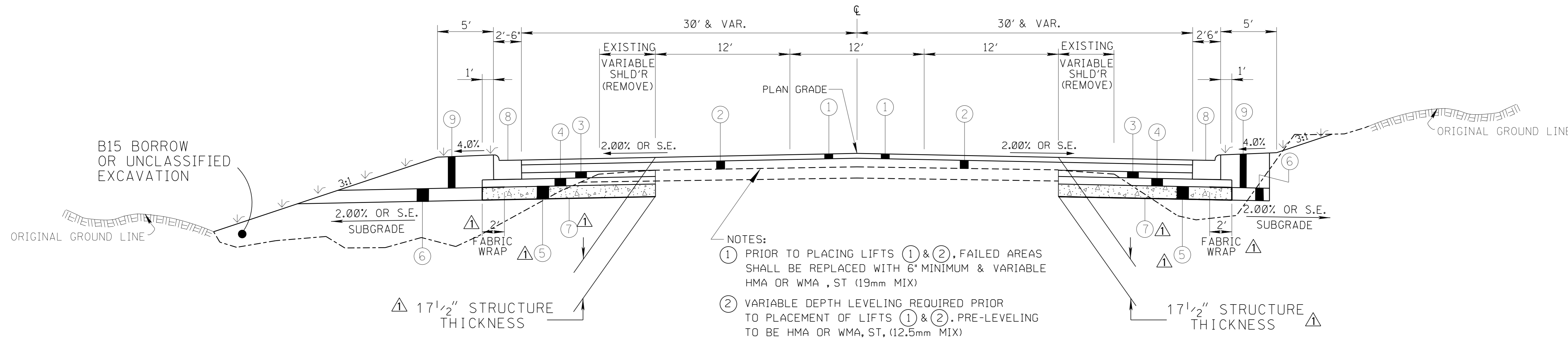


# GENERAL NOTES (CONTINUED)

- ⑮ ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- ⑯ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIALS.
- ⑰ REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.
- ⑱ SELECT BRUSH FROM CLEARING AND GRUBBING SHALL BE USED FOR A BRUSH BARRIER AS APPROVED BY THE CONTRACTOR'S EROSION CONTROL PLANS. BRUSH BARRIERS SHALL BE REMOVED AFTER CONSTRUCTION. COST OF BRUSH BARRIER PLACEMENT AND REMOVAL WILL BE ABSORBED IN PAY ITEM 201-A, CLEARING AND GRUBBING.
- ⑲ THE ENDS OF ANY EXISTING PIPES TO BE ABANDONED IN PLACE SHALL BE FILLED WITH FLOWABLE FILL (TO BE ABSORBED IN OTHER PAY ITEMS).
- ⑳ CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND RELOCATE MAIL BOXES AS NECESSARY TO MAINTAIN CONTINUOUS MAIL SERVICE THROUGHOUT THE LIFE OF THE PROJECT.
- ㉑ PRIOR TO EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL TOPSOIL SHALL BE STRIPPED 4" AND STOCKPILED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS. AFTER COMPLETION OF EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL SLOPES SHALL BE UNIFORMLY PLATED WITH STOCKPILED TOPSOIL. THE THE COST OF STRIPPING, STOCKPILING, PLACING AND SPREADING OF TOPSOIL IS TO BE ABSORBED (NOT A SEPARATE PAY ITEM). TOPSOIL STRIPPED FROM CONSTRUCTION LIMITS WILL NOT BE INCLUDED IN THE MEASUREMENT OF OTHER EXCAVATION ITEMS.
- ㉒ EXISTING FENCE TO BE REMOVED UNDER CLEARING AND GRUBBING.
- ㉓ WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- ㉔ IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USERS OF THESE DRAWINGS. ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED, IT IS THE END USER'S RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY REGARDLESS OF COLOR.
- ㉕ ERECTION DATES ARE TO BE LEGIBLY WRITTEN ON THE BACK OF ALL SIGNS WITH A SANFORD MEANSTREAK WATERPROOF FORMULA PERMANENT MARKING STICK.
- ㉖ ALL PROPOSED PAVEMENT MARKINGS, GUARDRAIL AND PERMANENT SIGNING SHALL BE INSTALLED BEFORE OPENING THE NEW FACILITY TO TRAFFIC, UNLESS OTHERWISE DIRECTED AND SPECIFICALLY APPROVED BY THE ENGINEER.
- ㉗ SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.
- ㉘ BRIDGE DECK SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO ALLOWING TRAFFIC BACK ONTO THE NEWLY CONSTRUCTED ROAD.
- ㉙ WHERE MILLING IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- ㉚ SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- ㉛ BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NO LONGER BE MAILED. ALL ADDENDA FOR THIS PROJECT WILL BE POSTED TO [www.mdot.ms.gov](http://www.mdot.ms.gov) UNDER THE PROPOSAL ADDENDA COLUMN. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT. PLEASE CONTACT CONTRACT ADMINISTRATION DIVISION AT 601-359-7700 FOR ANY QUESTIONS REGARDING ELECTRONIC ADDENDA.
- ㉜ PRIOR TO POURING PAVED ISLANDS THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.
- ㉝ THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- ⚠ ㉞ ANY REFERENCE TO PROJECT NUMBER STP-0062-02(009) AND STP-0062-02(015) IS TO BE UNDERSTOOD THAT STP-0062-02(017) IS THE CORRECT PROJECT NUMBER.
- ㉟ THE CLEARING LIMITS ADJACENT TO THE STREAM AT STATION 74+00 WILL BE LIMITED TO NO FURTHER THAN TEN (10) FEET OUTSIDE THE CONSTRUCTION LIMITS WHEN ANY CLOSER TO THE STREAM THAN FIFTY(50) FEET FROM THE TOP OF THE BANKS.

11/12/2014 2:01 PM GN-2.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>GENERAL NOTES</b> <b>SR 471 FROM US HWY 80</b> <b>TO GRANTS FERRY ROAD</b>		 WORKING NUMBER <b>GN-2</b>
PROJ NO: STP-0062-02(017) COUNTY: RANKIN FILENAME: GN-2.dgn DESIGN TEAM: BAKER CHECKED: KJC DATE: 2014		
REVISION 34 DATE: 11-12-14	BY: KJC	SHEET NUMBER <b>7</b>

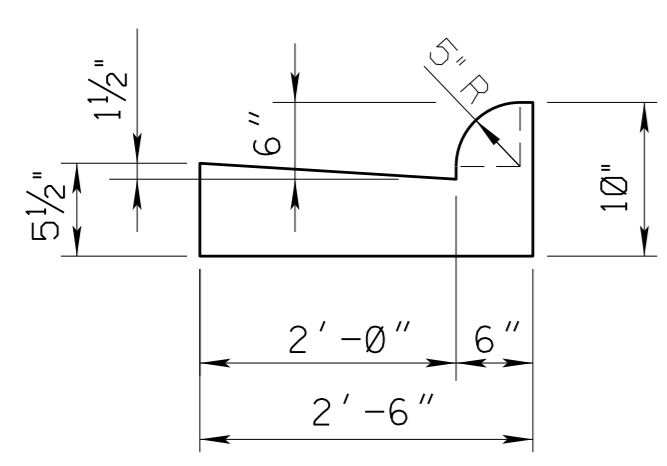


- NOTES:
- ① PRIOR TO PLACING LIFTS ① & ②, FAILED AREAS SHALL BE REPLACED WITH 6" MINIMUM & VARIABLE HMA OR WMA, ST (19mm MIX)
  - ② VARIABLE DEPTH LEVELING REQUIRED PRIOR TO PLACEMENT OF LIFTS ① & ②. PRE-LEVELING TO BE HMA OR WMA, ST, (12.5mm MIX)
  - ③ USE LEVELING TO CORRECT SUPERELEVATION AS DIRECTED BY THE ENGINEER.

\*\*\* NOTE:  
PLACE TOP LIFT AFTER PHASE 4

TYPICAL SECTION  
SR471 - WIDENING & OVERLAY  
STA. 0+00 TO STA. 10+00

- \*\*\* ① 1 1/2" HOT MIX ASPHALT OR WMA, HT (9.5 MM MIX) POLYMER MODIFIED (1 @ 1 1/2")
  - ② 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) POLYMER MODIFIED (1 @ 2")
  - ③ 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) (1 @ 2")
  - ④ 3" HOT MIX ASPHALT OR WMA, ST (19 MM MIX) (1 @ 3")
  - △ ⑤ 9" CRUSHED STONE BASE, REQ'D.
  - △ ⑥ 9" GRANULAR MATERIAL (9/C)
  - △ ⑦ GEOTEXTILE FILTER FABRIC, TYPE V, NON-WOVEN, REQ'D.
  - ⑧ COMBINATION CONCRETE CURB AND GUTTER (TYPE 3A MODIFIED) REQ'D.
  - ⑨ UNCLASSIFIED EXCAVATION OR BORROW B15
- INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1



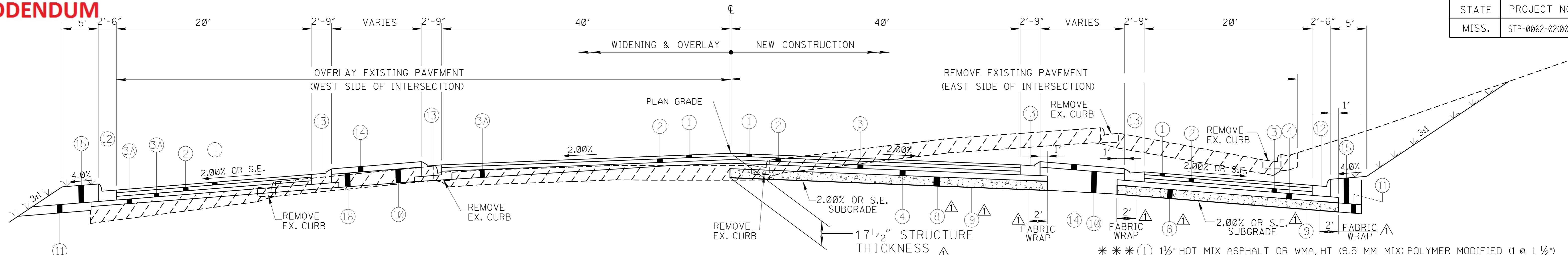
**TYPE 3A MODIFIED  
CURB & GUTTER**

K.J.C.		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
ADDED CRUSHED STONE BASE		REVISION		TYPICAL SECTIONS	
11-12-14		DATE		SR 471 FROM US HWY 80	
				TO GRANTS FERRY ROAD	
				WIDENING AND OVERLAY	
				PROJ NO: STP-0062-02(009)	
				COUNTY: RANKIN	
				FILENAME: TS-1.DGN	
				DESIGN TEAM BAKER CHECKED KJC DATE 2014	
				WORKING NUMBER	
				TS-1	
				SHEET NUMBER	
				8	

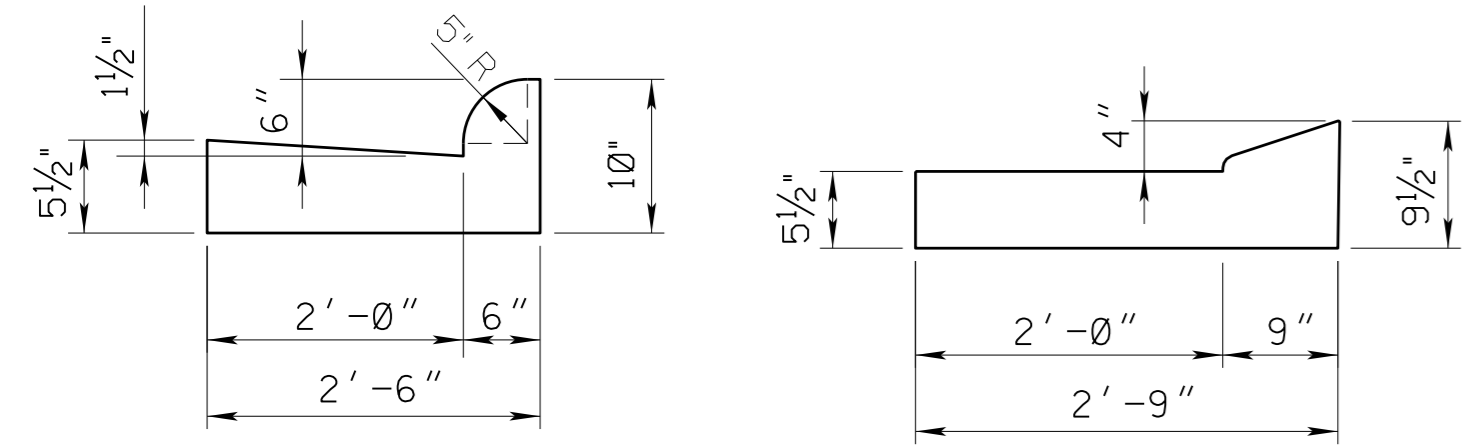
11/12/2014 2:01 PM TS-1.DGN

**ADDENDUM**

STATE	PROJECT NO.
MISS.	STP-0062-02(009)



TYPICAL SECTION  
SR471  
STA. 10+00 TO STA. 13+50



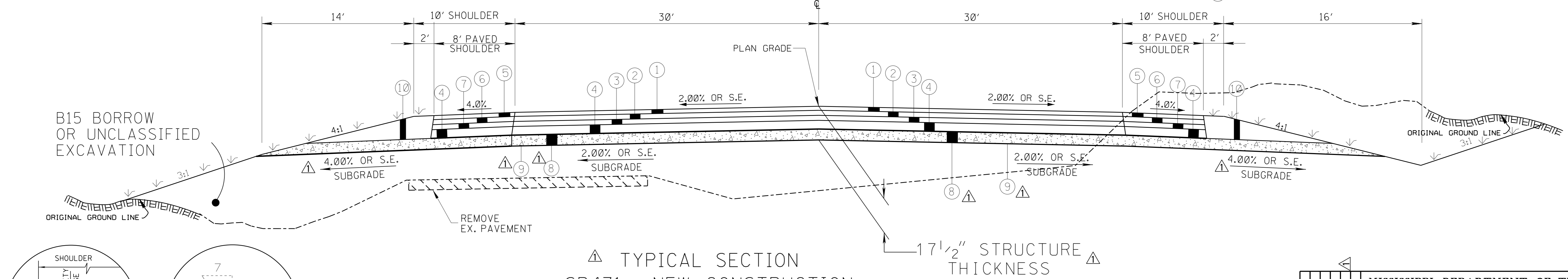
**TYPE 3A MODIFIED CURB & GUTTER**  
**TYPE 2 MODIFIED CURB & GUTTER**

- NOTES:**
- \* PLANS WILL ALLOW SOIL CEMENT (5.5% CEMENT) OR LIME FLY ASH (3% LIME, 12% FLY ASH) TREATMENT OF THE BASE.
  - \* \* PLANS WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT (4% CEMENT) OR LIME FLY ASH TREATMENT (3% LIME, 12% FLY ASH) OF 50% OF THE SUBGRADE AND LIME TREATMENT (6% LIME) OF THE REMAINING 50% OF THE SUBGRADE.

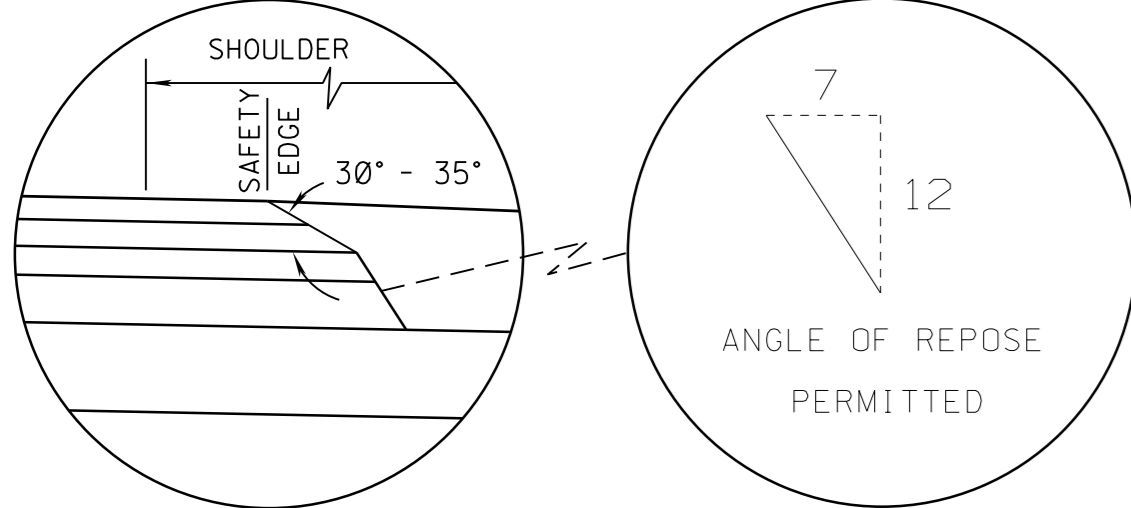
\*\*\* NOTE:  
PLACE TOP LIFT AFTER PHASE 4

- \*\*\* ① 1 1/2" HOT MIX ASPHALT OR WMA, HT (9.5 MM MIX) POLYMER MODIFIED (1 @ 1 1/2")
- ② 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) POLYMER MODIFIED (1 @ 2")
- ③ 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) (1 @ 2")
- ③A 2" & VAR. HMA OR WMA, ST, (12.5 MM MIX) LEVELING
- ④ 3" HOT MIX ASPHALT OR WMA, ST (19 MM MIX) (1 @ 3")
- ⑤ 1 1/2" HOT MIX ASPHALT OR WMA, ST (9.5 MM MIX) (1 @ 1 1/2")
- ⑥ 2" HOT MIX ASPHALT OR WMA, ST (12.5 MM MIX) (1 @ 2")
- ⑦ 2" HOT MIX ASPHALT OR WMA, ST (12.5 MM MIX) (1 @ 2")
- △ ⑧ 9" CRUSHED STONE BASE, REQ'D.
- △ ⑨ GEOTEXTILE FILTER FABRIC, TYPE V, NON-WOVEN, REQ'D.
- △ ⑩ 17 1/2" & VAR. SHOULDER GRANULAR MATERIAL (5/E) REQ'D.
- △ ⑪ 9" SHOULDER GRANULAR MATERIAL (9/C) REQ'D.
- ⑫ COMBINATION CONCRETE CURB AND GUTTER (TYPE 3A MODIFIED) REQ'D.
- ⑬ COMBINATION CONCRETE CURB AND GUTTER (TYPE 2 MODIFIED) REQ'D.
- ⑭ 4" OR 10" CONCRETE MEDIAN ISLAND PAVEMENT
- ⑮ UNCLASSIFIED EXCAVATION OR BORROW B15
- ⑯ VARIABLE DEPTH COLD MILLING, AS REQ'D.

INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1



TYPICAL SECTION  
SR471 - NEW CONSTRUCTION  
STA. 13+50 TO STA. 17+14.05 (BR. END A)

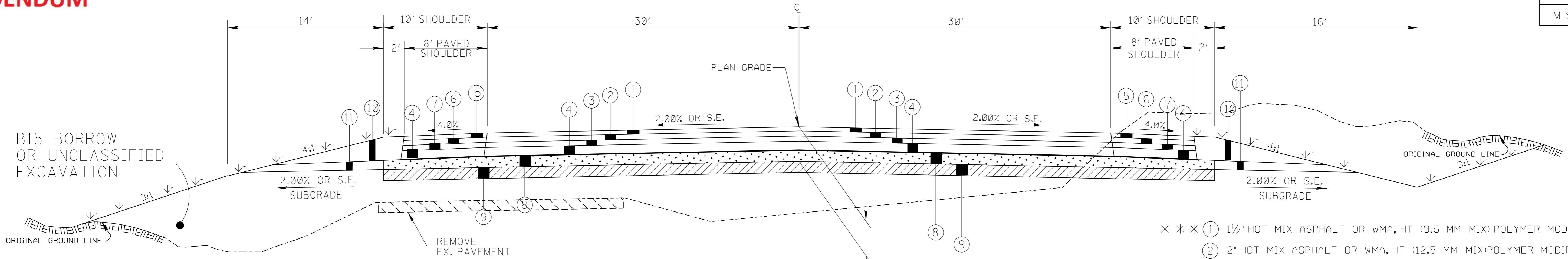


**SAFETY EDGE REQ'D  
TOP 2 LIFTS ONLY  
(NOT A PAY ITEM)  
NEW CONSTRUCTION**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TYPICAL SECTIONS</b>	
<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD NEW CONSTRUCTION</b>	
PROJ NO: STP-0062-02(009) COUNTY: RANKIN	
FILENAME: TS-2.DGN	WORKING NUMBER TS-2
DESIGN TEAM: BAKER	CHECKED: KJC
DATE: 11-12-14	DATE: 2014



11/12/2014 2:01 PM TS-2.DGN

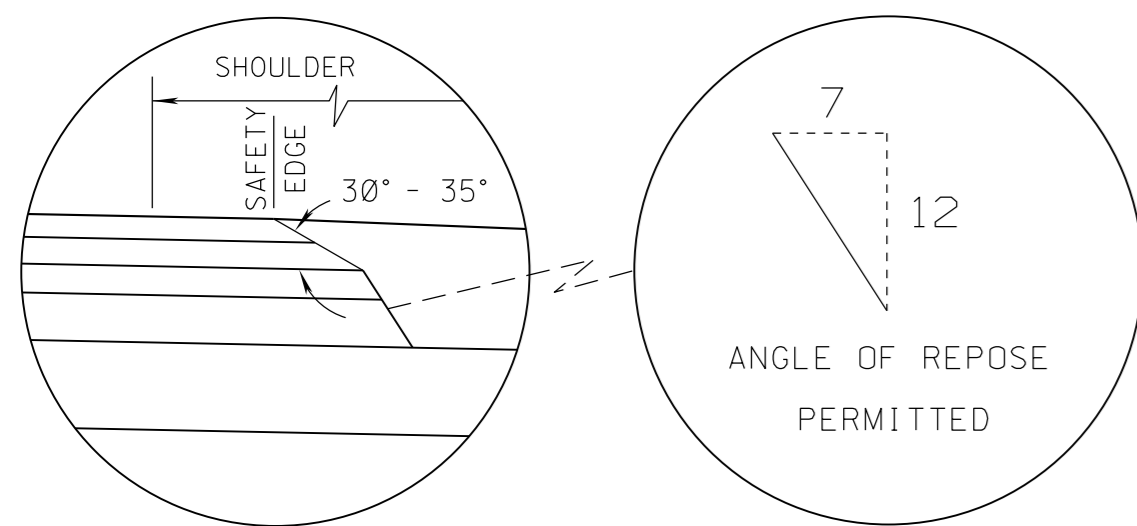


TYPICAL SECTION  
 STA. 32+50 TO STA. 38+50  
 STA. 43+00 TO STA. 46+48.31 (BR. END, B)  
 STA. 61+41.73 (BR. END, B) TO STA. 79+75+/-

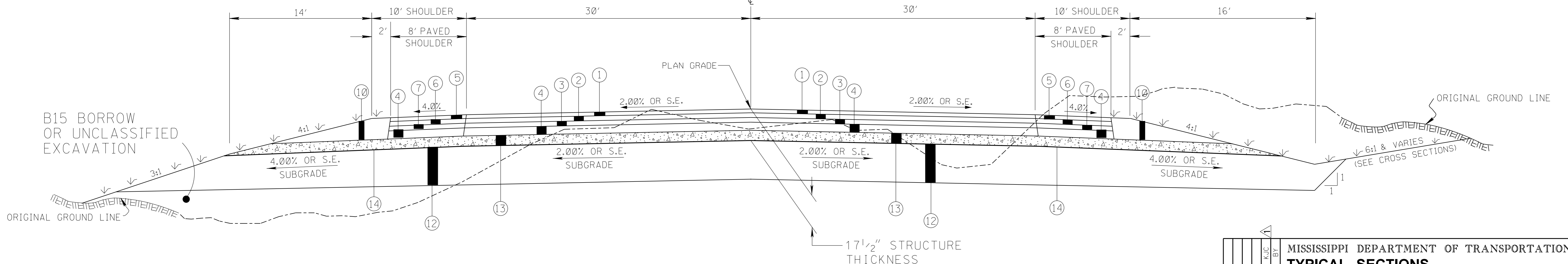
- \*\*\* ① 1½" HOT MIX ASPHALT OR WMA, HT (9.5 MM MIX) POLYMER MODIFIED (1 @ 1½")
- ② 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) POLYMER MODIFIED (1 @ 2")
- ③ 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) (1 @ 2")
- ④ 3" HOT MIX ASPHALT OR WMA, ST (19 MM MIX) (1 @ 3")
- ⑤ 1½" HOT MIX ASPHALT OR WMA, ST (9.5 MM MIX) (1 @ 1½")
- ⑥ 2" HOT MIX ASPHALT OR WMA, ST (12.5 MM MIX) (1 @ 2")
- ⑦ 2" HOT MIX ASPHALT OR WMA, ST (12.5 MM MIX) (1 @ 2")
- ⑧ 6" CHEMICALLY TREATED GRANULAR MATERIAL (9/C) REQ'D. \*
- ⑨ 6" CHEMICALLY TREATED SUBGRADE \*\*\*
- ⑩ 8½" & VAR. SHOULDER GRANULAR MATERIAL (5/E) REQ'D.
- ⑪ 6" SHOULDER GRANULAR MATERIAL (9/C) REQ'D.
- ⑫ 3' UNDERCUT (REPLACE WITH B15)
- ⑬ 9" CRUSHED STONE BASE, REQ'D.
- ⑭ GEOTEXTILE FILTER FABRIC, TYPE V, NON-WOVEN, REQ'D.

\*\*\* NOTE:  
 PLACE TOP LIFT AFTER PHASE 4

--- INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1



**SAFETY EDGE REQ'D  
 TOP 2 LIFTS ONLY  
 (NOT A PAY ITEM)  
 NEW CONSTRUCTION**



TYPICAL SECTION  
 SR471 - NEW CONSTRUCTION  
 (HIGH VOLUME CHANGE SOILS)  
 STA. 20+92.39 (BR. END A) TO STA. 25+00

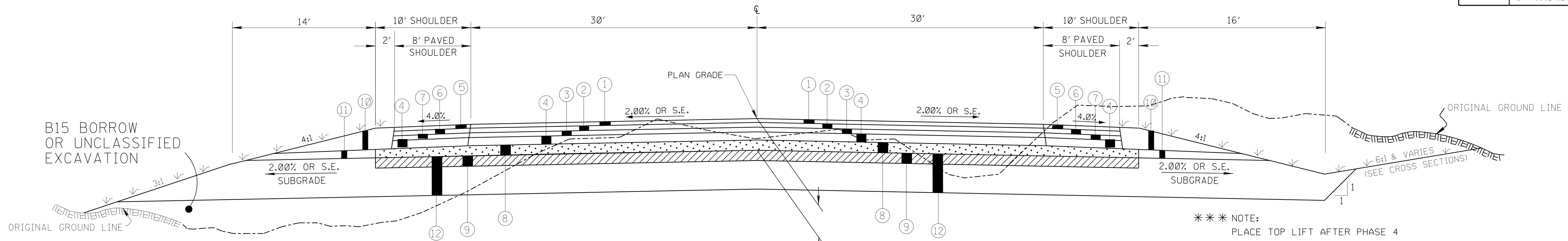
NOTES:

- \* PLANS WILL ALLOW SOIL CEMENT (5.5% CEMENT) OR LIME FLY ASH (3% LIME, 12% FLY ASH) TREATMENT OF THE BASE.
- \*\*\* PLANS WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT (4% CEMENT) OR LIME FLY ASH TREATMENT (3% LIME, 12% FLY ASH) OF 50% OF THE SUBGRADE AND LIME TREATMENT (6% LIME) OF THE REMAINING 50% OF THE SUBGRADE.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TYPICAL SECTIONS</b>	
<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD NEW CONSTRUCTION</b>	
PROJ NO: STP-0062-02(009) COUNTY: RANKIN	
FILENAME: TS-2A.DGN	WORKING NUMBER TS-2A
DESIGN TEAM: BAKER CHECKED: KJC DATE: 2014	SHEET NUMBER 9.1

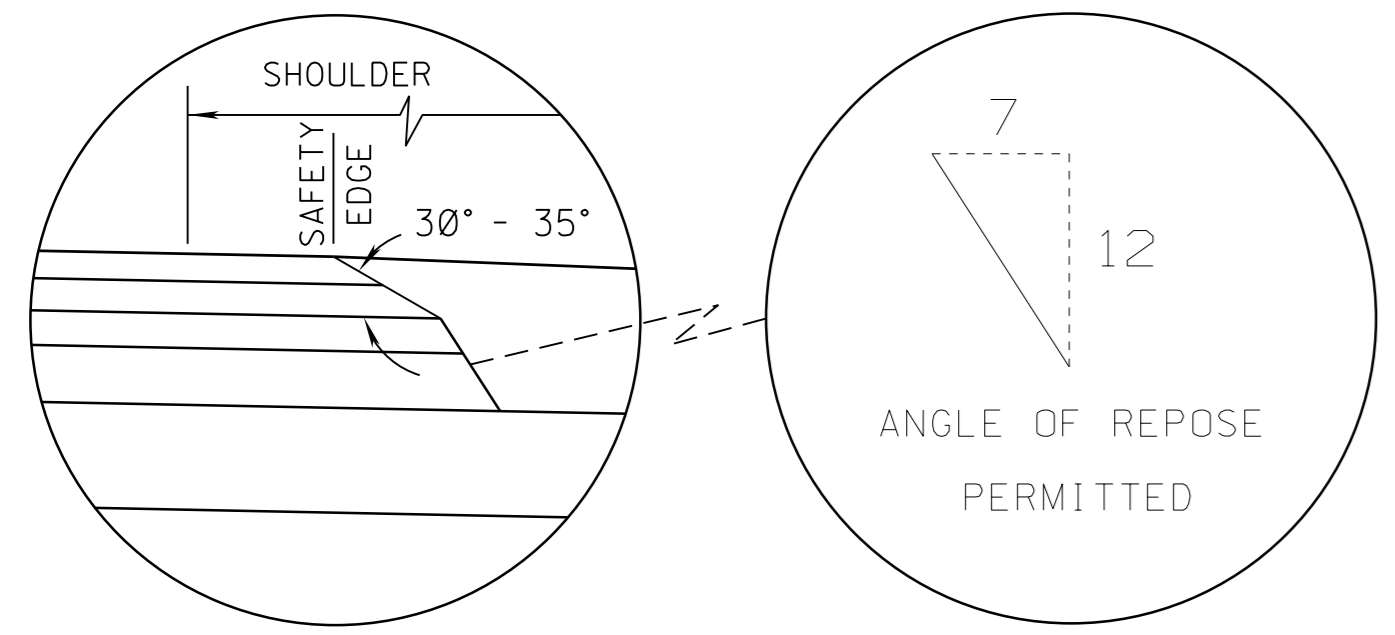
ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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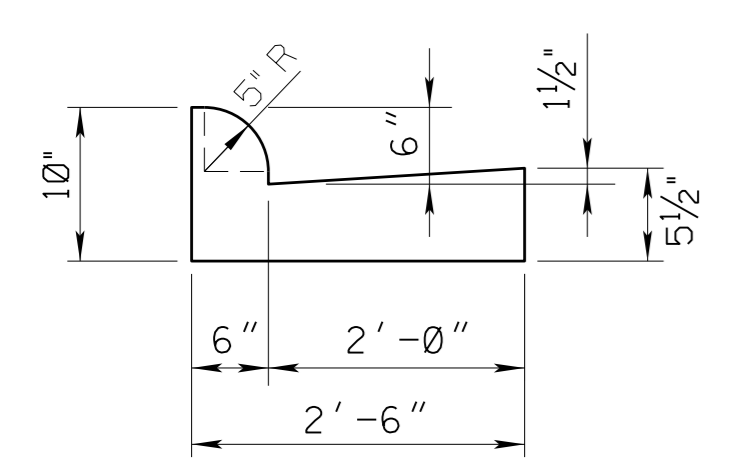


**TYPICAL SECTION  
SR471 - NEW CONSTRUCTION  
(HIGH VOLUME CHANGE SOILS)**  
 ▲ STA. 25+00 TO STA. 32+50  
 ▲ STA. 38+50 TO STA. 43+00

- \*\*\* NOTE:**  
PLACE TOP LIFT AFTER PHASE 4
- \*\*\* ① 1 1/2" HOT MIX ASPHALT OR WMA, HT (9.5 MM MIX) POLYMER MODIFIED (1 @ 1 1/2")
  - ② 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) POLYMER MODIFIED (1 @ 2")
  - ③ 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) (1 @ 2")
  - ④ 3" HOT MIX ASPHALT OR WMA, ST (19 MM MIX) (1 @ 3")
  - ⑤ 1 1/2" HOT MIX ASPHALT OR WMA, ST (9.5 MM MIX) (1 @ 1 1/2")
  - ⑥ 2" HOT MIX ASPHALT OR WMA, ST (12.5 MM MIX) (1 @ 2")
  - ⑦ 2" HOT MIX ASPHALT OR WMA, ST (12.5 MM MIX) (1 @ 2")
  - ⑧ 6" CHEMICALLY TREATED GRANULAR MATERIAL (9/C) REQ'D. \*
  - ⑨ 6" CHEMICALLY TREATED SUBGRADE \* \*
  - ⑩ 8 1/2" & VAR. SHOULDER GRANULAR MATERIAL (5/E) REQ'D.
  - ⑪ 6" SHOULDER GRANULAR MATERIAL (9/C) REQ'D.
  - ⑫ 3' UNDERCUT (REPLACE WITH B15)
  - ⑬ COMBINATION CONCRETE CURB AND GUTTER (TYPE 3A MODIFIED) REQ'D.
  - ⑭ UNCLASSIFIED EXCAVATION OR BORROW B15
- INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1

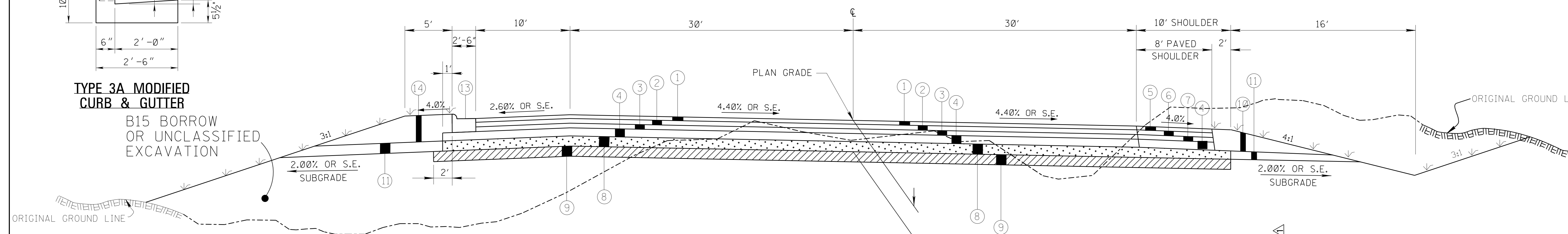


**SAFETY EDGE REQ'D  
TOP 2 LIFTS ONLY  
(NOT A PAY ITEM)  
NEW CONSTRUCTION**



**TYPE 3A MODIFIED  
CURB & GUTTER**

**B15 BORROW  
OR UNCLASSIFIED  
EXCAVATION**

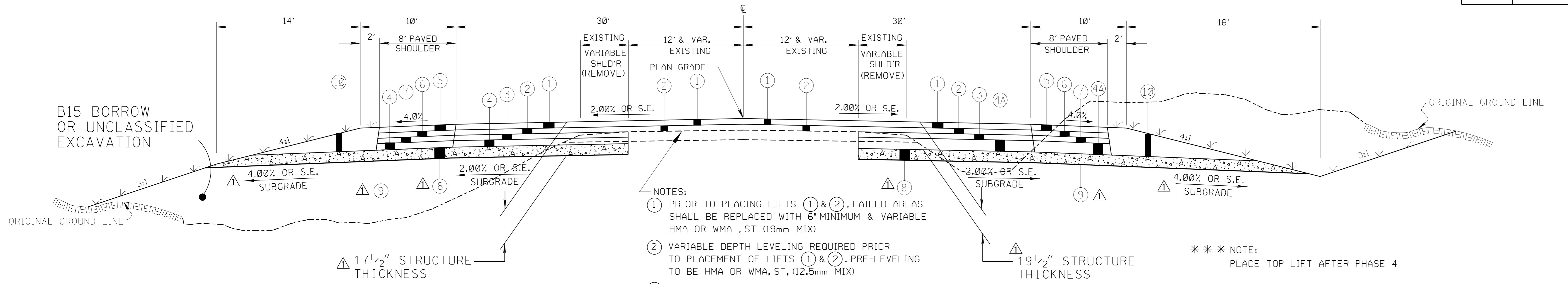


**TYPICAL SECTION  
SR471 - NEW CONSTRUCTION**  
 STA. 79+75 +/- LT TO STA. 97+88.95  
 (\*EQ. 85+52.224 BK = 97+88.943 AH)

- NOTES:**
- \* PLANS WILL ALLOW SOIL CEMENT (5.5% CEMENT) OR LIME FLY ASH (3% LIME, 12% FLY ASH) TREATMENT OF THE BASE.
  - \* \* PLANS WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT (4% CEMENT) OR LIME FLY ASH TREATMENT (3% LIME, 12% FLY ASH) OF 50% OF THE SUBGRADE AND LIME TREATMENT (6% LIME) OF THE REMAINING 50% OF THE SUBGRADE.

KJC		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION		DATE		<b>TYPICAL SECTIONS</b>	
LIMITS		DATE		<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD NEW CONSTRUCTION</b>	
REVISION		DATE		PROJ NO: STP-0062-02(009)	
LIMITS		DATE		COUNTY: RANKIN	
REVISION		DATE		FILENAME: TS-3.DGN	
LIMITS		DATE		DESIGN TEAM: BAKER	
REVISION		DATE		CHECKED: KJC	
LIMITS		DATE		DATE: 2014	
REVISION		DATE		WORKING NUMBER	
LIMITS		DATE		TS-3	
REVISION		DATE		SHEET NUMBER	
LIMITS		DATE		10	

11/12/2014 2:02 PM TS-3.DGN



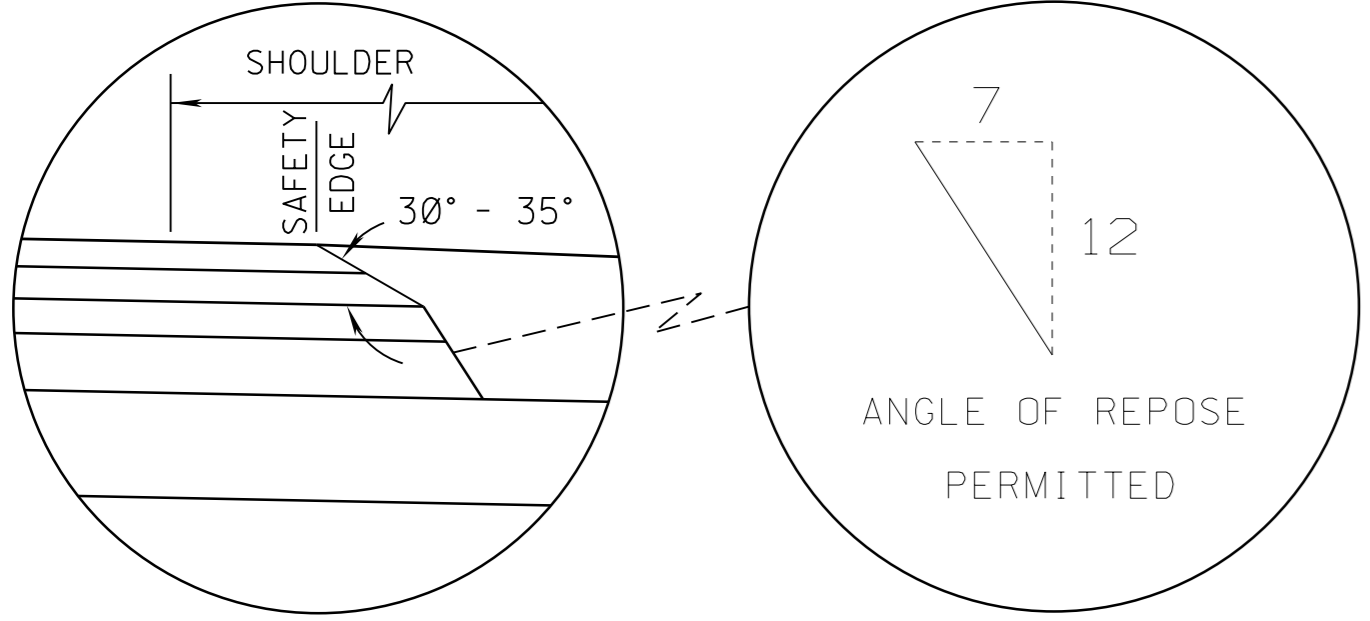
- NOTES:
- ① PRIOR TO PLACING LIFTS ① & ②, FAILED AREAS SHALL BE REPLACED WITH 6" MINIMUM & VARIABLE HMA OR WMA, ST (19mm MIX)
  - ② VARIABLE DEPTH LEVELING REQUIRED PRIOR TO PLACEMENT OF LIFTS ① & ②. PRE-LEVELING TO BE HMA OR WMA, ST, (12.5mm MIX)
  - ③ USE LEVELING TO CORRECT SUPERELEVATION AS DIRECTED BY THE ENGINEER.

\*\*\* NOTE:  
PLACE TOP LIFT AFTER PHASE 4

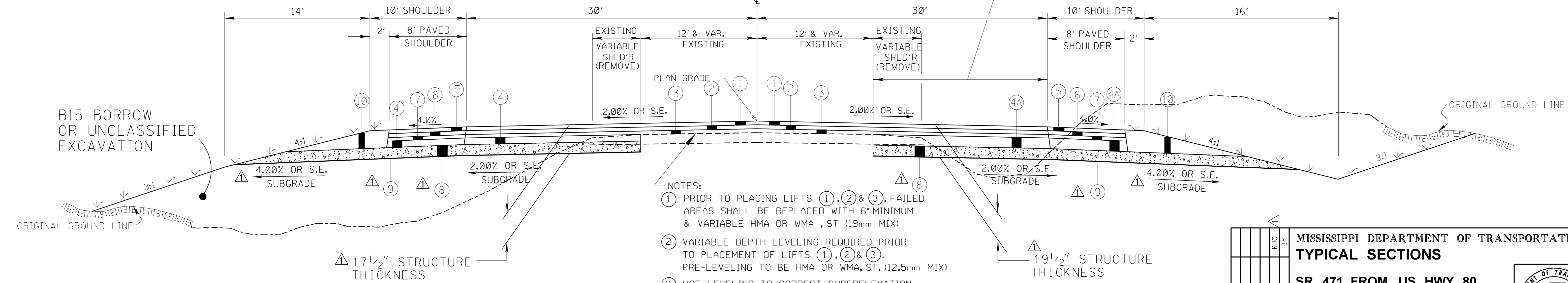
**TYPICAL SECTION  
SR471 - WIDENING & OVERLAY  
STA. 97+88.95 TO STA. 101+00**

- \*\*\* ① 1½" HOT MIX ASPHALT OR WMA, HT (9.5 MM MIX) POLYMER MODIFIED (1 @ 1½")
- ② 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) POLYMER MODIFIED (1 @ 2")
- ③ 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) (1 @ 2")
- ④ 3" HOT MIX ASPHALT OR WMA, ST (19 MM MIX) (1 @ 3")
- ④A 5" HOT MIX ASPHALT OR WMA, ST (19 MM MIX) (2 @ 2½") (RIGHT SIDE OF SR471 ONLY)
- ⑤ 1½" HOT MIX ASPHALT OR WMA, ST (9.5 MM MIX) (1 @ 1½")
- ⑥ 2" HOT MIX ASPHALT OR WMA, ST (12.5 MM MIX) (1 @ 2")
- ⑦ 2" HOT MIX ASPHALT OR WMA, ST (12.5 MM MIX) (1 @ 2")
- ⑧ 9" CRUSHED STONE BASE, REQ'D.
- ⑨ GEOTEXTILE FILTER FABRIC, TYPE V, NON-WOVEN, REQ'D.
- ⑩ 8½" & VAR. SHOULDER GRANULAR MATERIAL (5/E) REQ'D.
- INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1

DISTANCE FROM EDGE OF EXISTING ROADWAY TO NEW EDGE OF TRAVEL WAY VARIES (THE NEW EDGE OF TRAVELWAY MATCHES THE EXISTING PAVEMENT EDGE FROM STA. 143+00 TO 151+75)



**SAFETY EDGE REQ'D  
TOP 2 LIFTS ONLY  
(NOT A PAY ITEM)  
NEW CONSTRUCTION**

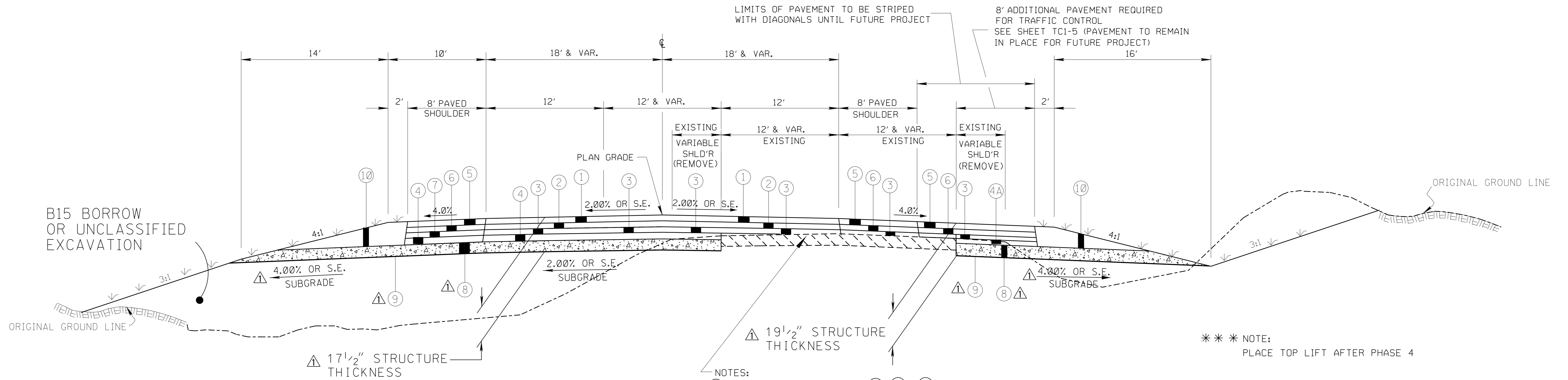


- NOTES:
- ① PRIOR TO PLACING LIFTS ①, ② & ③, FAILED AREAS SHALL BE REPLACED WITH 6" MINIMUM & VARIABLE HMA OR WMA, ST (19mm MIX)
  - ② VARIABLE DEPTH LEVELING REQUIRED PRIOR TO PLACEMENT OF LIFTS ①, ② & ③. PRE-LEVELING TO BE HMA OR WMA, ST, (12.5mm MIX)
  - ③ USE LEVELING TO CORRECT SUPERELEVATION AS DIRECTED BY THE ENGINEER.

**TYPICAL SECTION  
SR471 - WIDENING & OVERLAY  
STA. 101+00 TO STA. 151+75**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TYPICAL SECTIONS</b>	
<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD WIDENING &amp; OVERLAY</b>	
PROJ NO: STP-0062-02(009) COUNTY: RANKIN	
FILENAME: TS-4.DGN	WORKING NUMBER TS-4
DESIGN TEAM: BAKER	CHECKED: KJC
DATE: 2014	DATE: 2014
SHEET NUMBER 11	

11/12/2014 2:02 PM TS-4.DGN

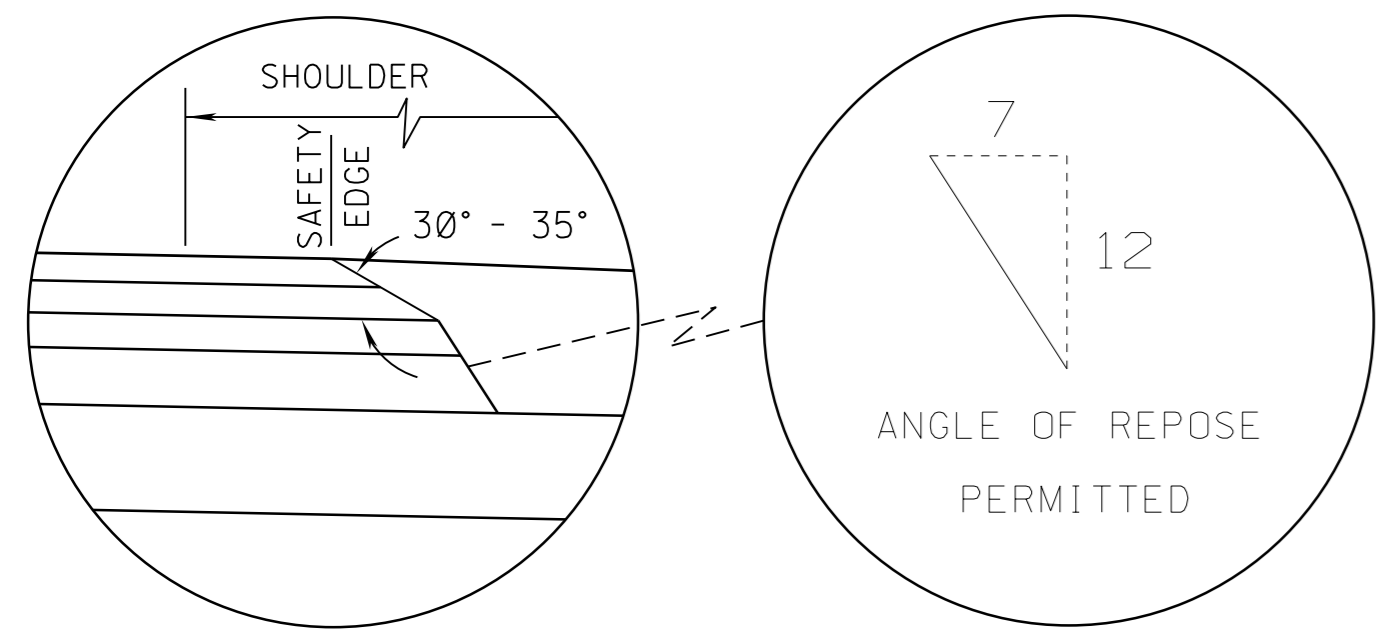


\*\*\* NOTE:  
PLACE TOP LIFT AFTER PHASE 4

- NOTES:
- ① PRIOR TO PLACING LIFTS ①, ② & ③, FAILED AREAS SHALL BE REPLACED WITH 6" MINIMUM & VARIABLE HMA OR WMA, ST (19mm MIX)
  - ② VARIABLE DEPTH LEVELING REQUIRED PRIOR TO PLACEMENT OF LIFTS ①, ② & ③. PRE-LEVELING TO BE HMA OR WMA, ST, (12.5mm MIX)
  - ③ USE LEVELING TO CORRECT SUPERELEVATION AS DIRECTED BY THE ENGINEER.

- \*\*\* ① 1 1/2" HOT MIX ASPHALT OR WMA, HT (9.5 MM MIX) POLYMER MODIFIED (1 @ 1 1/2")
- ② 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) POLYMER MODIFIED (1 @ 2")
- ③ 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) (1 @ 2")
- ④ 3" HOT MIX ASPHALT OR WMA, ST (19 MM MIX) (1 @ 3")
- ④A 5" HOT MIX ASPHALT OR WMA, ST (19 MM MIX) (2 @ 2 1/2") (RIGHT SIDE OF SR471 ONLY)
- ⑤ 1 1/2" HOT MIX ASPHALT OR WMA, ST (9.5 MM MIX) (1 @ 1 1/2")
- ⑥ 2" HOT MIX ASPHALT OR WMA, ST (12.5 MM MIX) (1 @ 2")
- ⑦ 2" HOT MIX ASPHALT OR WMA, ST (12.5 MM MIX) (1 @ 2")
- △ ⑧ 9" CRUSHED STONE BASE, REQ'D.
- △ ⑨ GEOTEXTILE FILTER FABRIC, TYPE V, NON-WOVEN, REQ'D.
- ⑩ 8 1/2" & VAR. SHOULDER GRANULAR MATERIAL (5/8") REQ'D.
- △ INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1

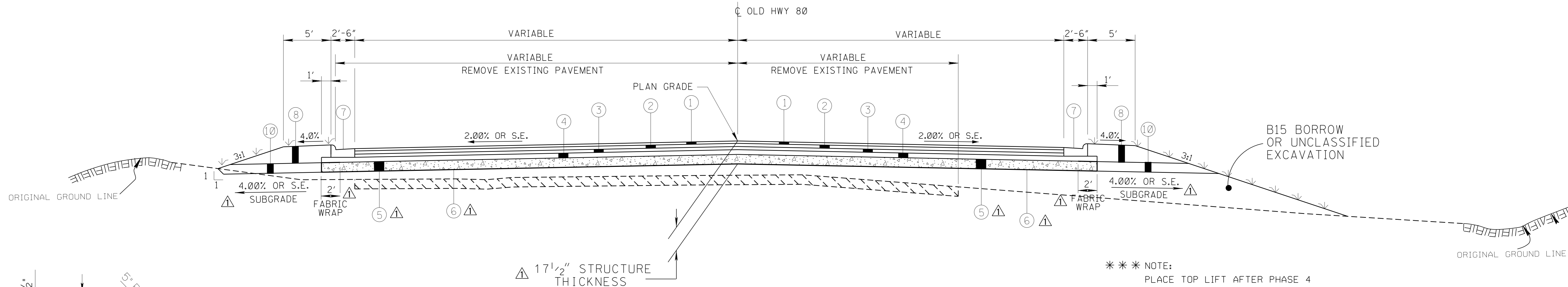
TYPICAL SECTION  
SR471 - WIDENING & OVERLAY  
3 - LANE & 2 LANE SECTION  
STA. 151+75 TO STA. 161+00



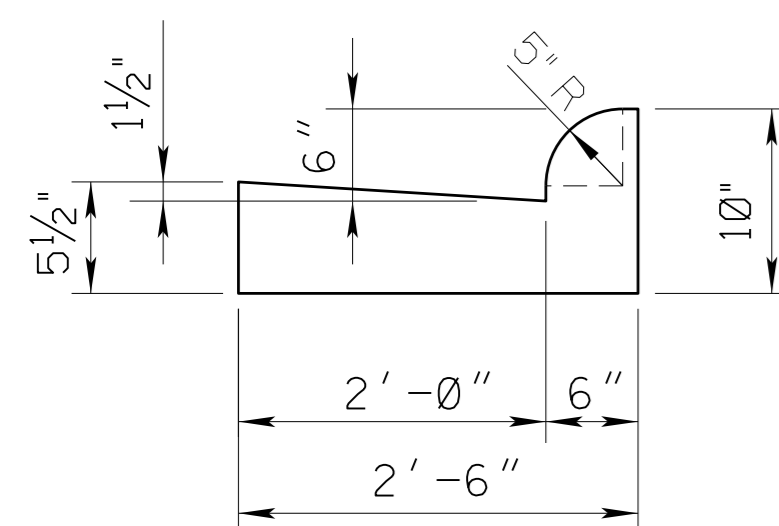
**SAFETY EDGE REQ'D  
TOP 2 LIFTS ONLY  
(NOT A PAY ITEM)  
NEW CONSTRUCTION**

11/12/2014 2:02 PM TS-5 3 LANE SECT. DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TYPICAL SECTIONS</b>	
<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD</b>	
<b>3 LANE SECTION - WIDENING &amp; OVERLAY</b>	
PROJ NO: STP-0062-02(009)	
COUNTY: RANKIN	
FILENAME: TS-4.DGN	WORKING NUMBER
DESIGN TEAM: BAKER	TS-5
CHECKED: KJC	SHEET NUMBER
DATE: 2014	12

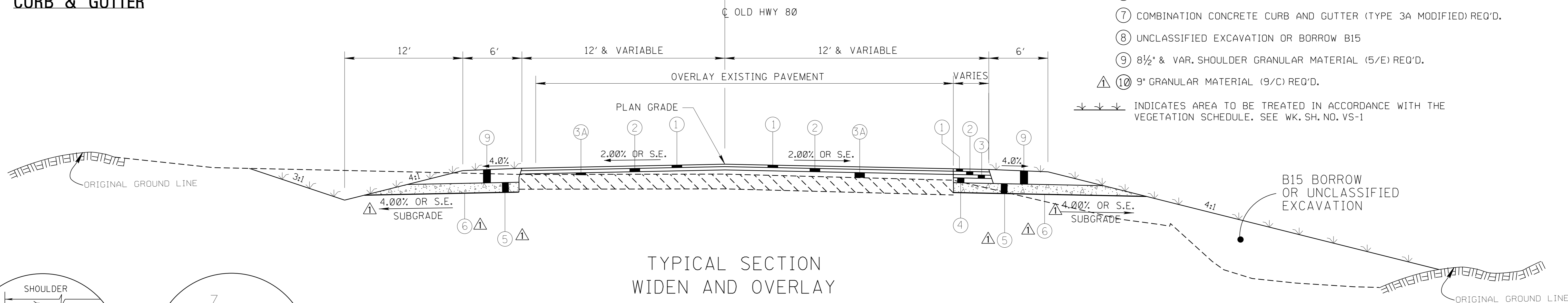


TYPICAL SECTION  
NEW CONSTRUCTION  
OLD HWY 80/COLLEGE ST. STA. 11+65 TO STA. 13+50

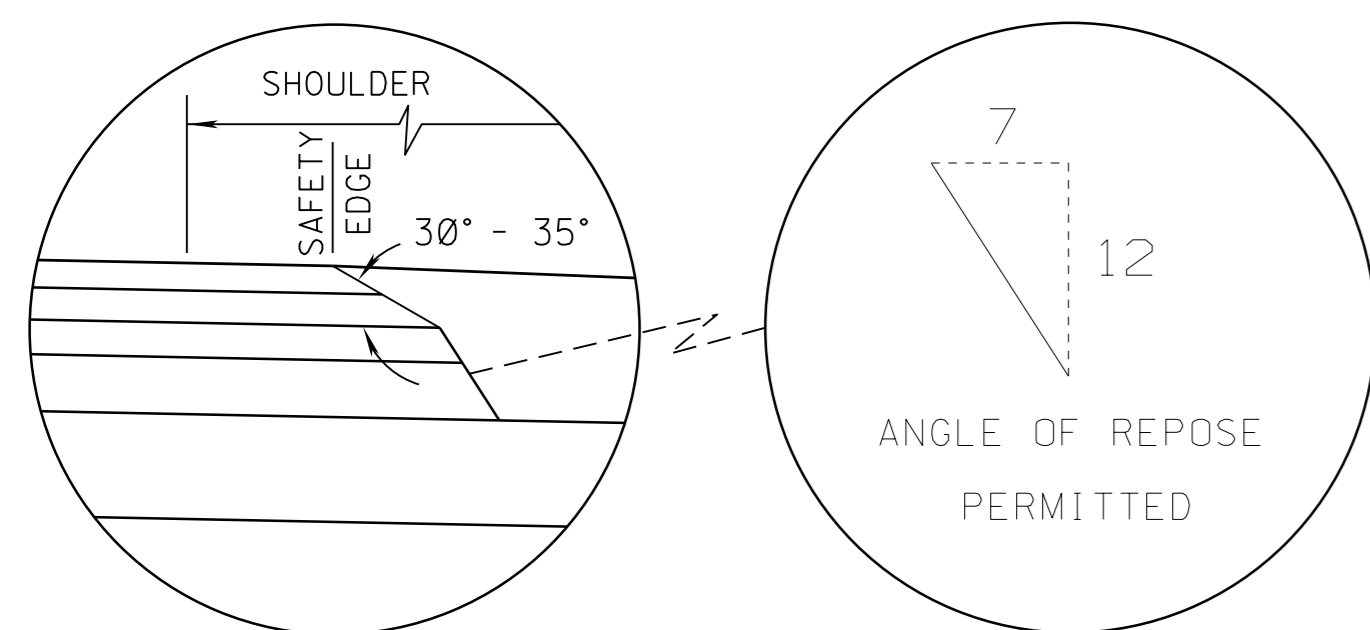


**TYPE 3A MODIFIED  
CURB & GUTTER**

- \*\*\* NOTE:  
PLACE TOP LIFT AFTER PHASE 4
- \*\*\* ① 1½" HOT MIX ASPHALT OR WMA, HT (9.5 MM MIX) POLYMER MODIFIED (1 @ 1½")
  - ② 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) POLYMER MODIFIED (1 @ 2")
  - ③ 2" HOT MIX ASPHALT OR WMA, HT (12.5 MM MIX) (1 @ 2")
  - ③A 2" & VAR. HMA OR WMA, ST, (12.5 MM MIX), LEVELING
  - ④ 3" HOT MIX ASPHALT OR WMA, ST (19 MM MIX) (1 @ 3")
  - ⚠ ⑤ 9" CRUSHED STONE BASE, REQ'D.
  - ⚠ ⑥ GEOTEXTILE FILTER FABRIC, TYPE V, NON-WOVEN, REQ'D.
  - ⑦ COMBINATION CONCRETE CURB AND GUTTER (TYPE 3A MODIFIED) REQ'D.
  - ⑧ UNCLASSIFIED EXCAVATION OR BORROW B15
  - ⑨ 8½" & VAR. SHOULDER GRANULAR MATERIAL (5/E) REQ'D.
  - ⚠ ⑩ 9" GRANULAR MATERIAL (9/C) REQ'D.
- INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1



TYPICAL SECTION  
WIDEN AND OVERLAY  
OLD HWY 80/COLLEGE ST. STA. 7+00 TO STA. 8+33

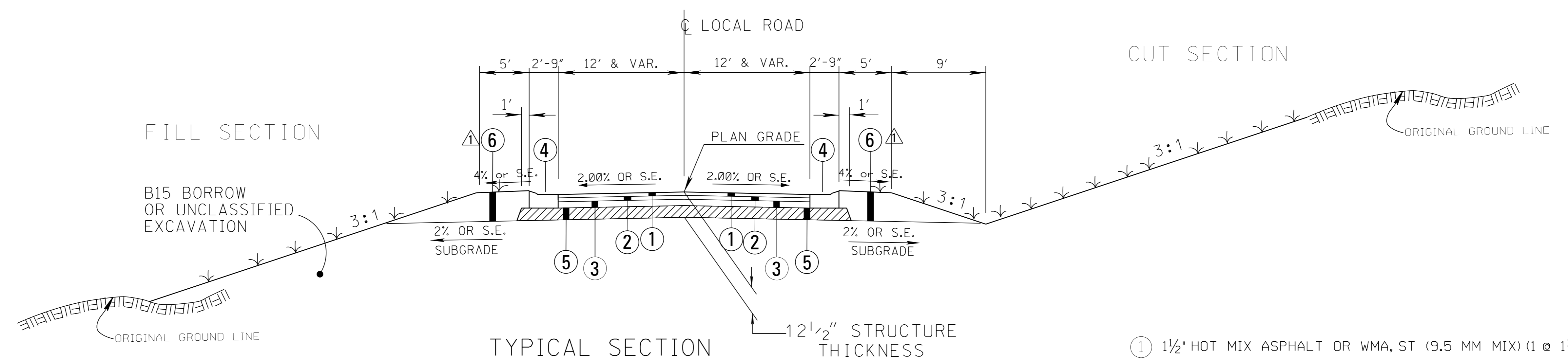


**SAFETY EDGE REQ'D  
TOP 2 LIFTS ONLY  
(NOT A PAY ITEM)  
NEW CONSTRUCTION**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TYPICAL SECTIONS</b>	
LOCAL ROADS	
OLD HWY 80 / COLLEGE ST.	
PROJ NO: STP-0062-02(009)	
COUNTY: RANKIN	
FILENAME: TS-7 OLD HWY 80.DGN	WORKING NUMBER
DATE	TS-7
DESIGN TEAM BAKER CHECKED KJC DATE 2014	SHEET NUMBER
	14

11/12/2014 2:02 PM TS-7 OLD HWY 80.DGN

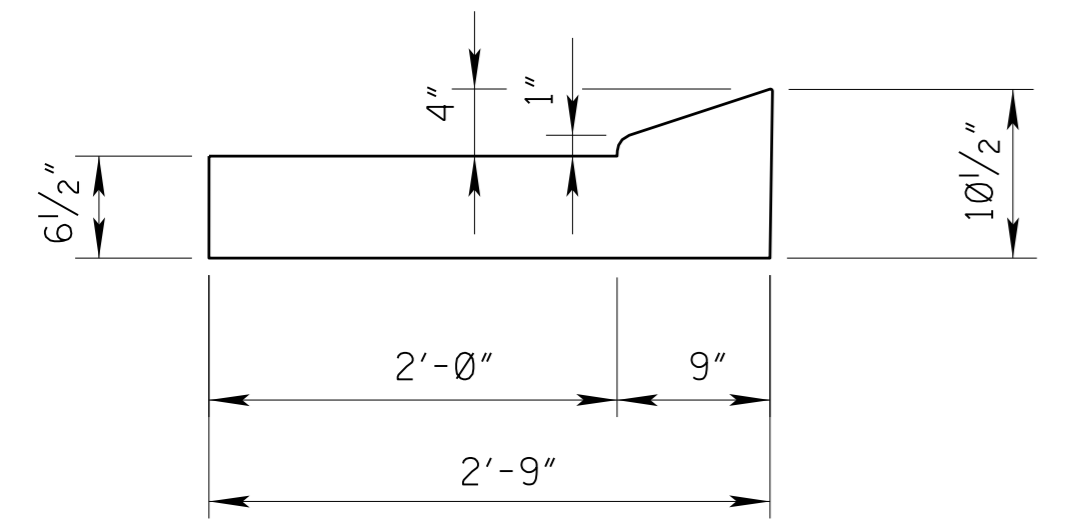




TYPICAL SECTION  
NEW CONSTRUCTION  
CURB & GUTTER SECTION  
TERRAPIN DRIVE STA. 20+00 TO STA. 26+65  
(SR471 STA. 74+00)

- ① 1½" HOT MIX ASPHALT OR WMA, ST (9.5 MM MIX) (1 @ 1½")
- ② 2" HOT MIX ASPHALT OR WMA, ST (12.5 MM MIX) (1 @ 2")
- ③ 3" HOT MIX ASPHALT OR WMA, ST (19mm MIX) (1 @ 3") REQ'D.
- ④ COMBINATION CONCRETE CURB AND GUTTER (TYPE 2 MODIFIED) REQ'D.
- ⑤ 6" GRANULAR MATERIAL (5/E) REQ'D.
- ⚠ ⑥ UNCLASSIFIED EXCAVATION OR BORROW 15

⚡⚡⚡ INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1



**TYPE 2 CURB & GUTTER  
MODIFIED**

11/12/2014 2:02 PM TS-11 TERRAPIN.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>TYPICAL SECTIONS</b>	
LOCAL ROADS TERRAPIN DRIVE NEW CONSTRUCTION	
PROJ NO: STP-0062-02(009) COUNTY: RANKIN	
FILENAME: TS-11 TERRAPIN.DGN DESIGN TEAM: BAKER CHECKED: KJC DATE: 2014	WORKING NUMBER TS-11 SHEET NUMBER 18

**ADDENDUM**

STATE	PROJECT NO.
MISS.	STP-0062-02(009)

**SUMMARY OF QUANTITIES (SHEET 1)**

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL
201-A001	CLEARING AND GRUBBING	LS	100%	
202-B002	REMOVAL OF ASPHALT DRIVEWAYS, ALL DEPTHS	SY	1,575	
202-B005	REMOVAL OF ASPHALT PAVEMENT, ALL DEPTHS	SY	31,362	
202-B009	REMOVAL OF BRIDGE	EA	1	
202-B010	REMOVAL OF BRIDGE END PAVEMENT	SY	107	
202-B024	REMOVAL OF CONCRETE MEDIAN & ISLAND PAVEMENT, ALL DEPTHS	SY	1,784	
202-B025	REMOVAL OF CONCRETE PAVED DITCH	SY	773	
202-B036	REMOVAL OF CONCRETE SLOPE PAVING	SY	480	
202-B042	REMOVAL OF FLARED END SECTION, ALL SIZES	EA	6	
202-B057	REMOVAL OF INLETS, ALL SIZES	EA	9	
202-B064	REMOVAL OF PIPE, 8" AND ABOVE	LF	2,457	
202-B076	REMOVAL OF TRAFFIC STRIPE	LF	32,750	
202-B079	REMOVAL OF HEADWALL	EA	4	
202-B087	REMOVAL OF GUARD RAIL, INCLUDING RAILS, POSTS AND TERMINAL ENDS	LF	1,176	
202-B093	REMOVAL OF CURB & GUTTER, ALL TYPES	LF	3,424	
202-B095	REMOVAL OF CONCRETE SIDEWALKS & DRIVEWAYS, ALL DEPTHS	SY	3,930	
202-B132	REMOVAL OF TRAFFIC SIGNAL	EA	3	
202-B248	REMOVAL OF MANHOLE	EA	1	
202-B308	REMOVAL OF RIPRAP	TON	990	
203-A003	UNCLASSIFIED EXCAVATION, FM, AH	CY	72,383	
203-D001	MUCK EXCAVATION, FM	CY	1,000	
203-EX029	BORROW EXCAVATION, AH, FME, CLASS B15	CY	325,117	
203-EX040	BORROW EXCAVATION, AH, LVM, CLASS B9-6	CY	13,920	
203-F002	CHANNEL EXCAVATION, LVM	CY	1,450	
203-G003	EXCESS EXCAVATION, FM, AH	CY	94,339	
203-G004	EXCESS EXCAVATION, LVM, AH	CY	9,840	
204-A003	GEOGRID, TYPE II, BIAXIAL	SY	1,480	
206-A001	STRUCTURE EXCAVATION	CY	6,922	
206-B001	SELECT MATERIAL FOR UNDERCUTS, CONTRACTOR FURNISHED, FM	CY	234	
209-A004	GEOTEXTILE STABILIZATION, TYPE V, NON-WOVEN	SY	71,751	
209-A007	GEOTEXTILE STABILIZATION, TYPE VII, NON-WOVEN	SY	5,920	
211-B001	TOPSOIL FOR SLOPE TREATMENT, CONTRACTOR FURNISHED	CY	2,000	
213-C001	SUPERPHOSPHATE	TON	27	
907-216-A001	SOLID SODDING	SY	5,431	
217-A001	DITCH LINER	SY	4,490	
219-A001	WATERING	KGAL	109	
220-A001	INSECT PEST CONTROL	ACRE	27	
221-A001	PORTLAND CEMENT CONCRETE PAVED DITCH	CY	1,866	
223-A001	MOWING	ACRE	1	
907-225-A001	GRASSING	ACRE	57	
907-225-B001	AGRICULTURAL LIMESTONE	TON	162	
907-225-C001	MULCH, VEGETATIVE MULCH	TON	108	
907-226-A001	TEMPORARY GRASSING	ACRE	55	
234-A001	TEMPORARY SILT FENCE	LF	46,952	
907-234-C002	SUPER SILT FENCE	LF	995	
907-234-D001	INLET SILTATION GUARD	EA	3	
907-237-A003	WATTLES, 20"	LF	10,000	
239-A001	TEMPORARY SLOPE DRAINS	LF	500	
907-245-A001	TRIANGULAR SILT DIKE	LF	3,000	
907-246-B002	ROCKBAGS	EA	1,500	
907-247-A001	TEMPORARY STREAM DIVERSION	EA	1	
907-249-A001	RIPRAP FOR EROSION CONTROL	TON	2,000	
907-249-B001	REMOVE AND RESET RIPRAP	CY	500	

- ① BRIDGE OVER INTERSTATE 20  
STA. 28+56.83, SPANS 1 @ 60' 1 @ 82' 1 @ 82' 1 @ 60'  
CONTINUOUS CONCRETE BOX GIRDER  
  
REFER TO BRIDGE PLANS FOR EXISTING BRIDGE INFORMATION. EXISTING BRIDGES AND APPURTENANCES TO BECOME THE PROPERTY OF THE CONTRACTOR. INCLUDES REMOVAL OF PILE CAPS, FOOTINGS, AND PILING THAT CONFLICT WITH NEW ROADWAY AND BRIDGE CONSTRUCTION.
- ② INCLUDES TERMINAL SECTIONS, BRIDGE END SECTIONS, FOOTINGS AND OTHER APPURTENANCES.
- ③ STRUCTURE EXCAVATION INCLUDES 2,363 CU.YD. PIPE EXCAVATION AND 4,049 CU. YD. BOX BRIDGE EXCAVATION AND 510 CU. YD. AT RAILROAD WORK RAMP.
- ④ INCLUDES 1,811 CY FOR PAVED DITCHES AND 55 CY FOR PAVED FLUMES.
- ⑤ QUANTITY INCLUDES 54 ACRES FOR MAINLINE AND 3 ACRES AT RR WORK RAMP.
- ⑥ REMOVAL OF RAILROAD WORK RAMP.
- ⑦ PAY ITEM 202-B132, WILL INCLUDE THE REMOVAL OF THE EXISTING TRAFFIC SIGNAL EQUIPMENT AT THE INTERSECTION OF US 80, LUCKNEY AND EAST DEER RIDGE. THIS SIGNAL EQUIPMENT IS TO BE DELIVERED TO MDT'S DISTRICT 5 PROJECT OFFICE.
- ⑧ TO BE USED FOR RAILROAD WORK RAMP, INCLUDES 13,650 CU. YD. FOR PHASE 1 AND 270 CU. YD. FOR PHASE 2.
- ⑨ TO BE USED FOR RAILROAD WORK RAMP, INCLUDES 500 CU. YD. FOR PHASE 1 AND 950 CU. YD. FOR PHASE 2.
- ⑩ TO BE USED FOR RAILROAD WORK RAMP.
- ⑪ INCLUDES 1 ACRE AT RAILROAD WORK RAMP.
- ⑫ QUANTITY INCLUDES 1,000 CU. YDS. TO BE USED AS DIRECTED FOR UNDERCUT AREAS.
- ⑬ QUANTITY INCLUDES 1,000 CU. YDS. TO BE USED AS DIRECTED TO REPLACE UNDERCUT AREAS.
- ⑭ ESTIMATED QUANTITY TO BE USED AS DIRECTED.
- ⑮ INCLUDES 5,000 S.Y. TO BE USED FOR CONSTRUCTION ENTRANCES.
- ⑯ REMOVE MANHOLE AT STA. 10+70 ON OLD HWY 80 TO ELEV. 484.44. THE CITY WILL BE RESPONSIBLE FOR CONNECTING THE SEWER LINE PIPES, PLACING FLOWABLE FILL IN MANHOLE TO ELEV. 484.44 AND THEN PLACING SIZE 610 CRUSHED STONE ABOVE FLOWABLE FILL ONCE FLOWABLE FILL HAS CURED.

11/12/2014 4:21:02 PM SDS-SH-DGN


MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>SUMMARY OF QUANTITIES</b>	
<b>SR471 FROM US HWY 80 TO GRANTS FERRY RD.</b>	
PROJ NO: STP-0062-02(009)	WORKING NUMBER
COUNTY: RANKIN	SQ-1
FILENAME: SQ-1.DGN	SHEET NUMBER
DESIGN TEAM BAKER CHECKED KJC DATE 2014	23

**SUMMARY OF QUANTITIES (SHEET 2)**

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL
907-304-B005	GRANULAR MATERIAL, CLASS 9, GROUP C	TON	29,314 $\Delta$	
907-304-B007	GRANULAR MATERIAL, CLASS 5, GROUP E	TON	17,419	
907-304-D003	GRANULAR MATERIAL, SIZE 57	TON	1,550	
907-304-F002	SIZE 610 CRUSHED STONE BASE	TON	30,944 $\Delta$	
OR				
907-304-F003	3/4" AND DOWN CRUSHED STONE BASE	TON	30,944 $\Delta$	
OR				
907-304-F004	SIZE 825B CRUSHED STONE BASE	TON	40,744 $\Delta$	
907-307-A002	6" SOIL-LIME-WATER MIXING, CLASS A	SY	28,364 $\Delta$	
907-307-D001	LIME	TON	383 $\Delta$	
907-307-S001	BITUMINOUS CURING SEAL	GAL	7,091 $\Delta$	
*** ALTERNATE PAY ITEMS ***				
907-308-A001	PORTLAND CEMENT	TON	899 $\Delta$	
907-308-B001	SOIL-CEMENT-WATER MIXING, OPTIONAL MIXERS, BASE	SY	85,029 $\Delta$	
907-308-S001	BITUMINOUS CURING SEAL	GAL	21,272 $\Delta$	
OR				
907-311-A003	PROCESSING LIME AND FLY ASH TREATED COURSE, 6" THICK	SY	85,029 $\Delta$	
907-311-B001	LIME	TON	627 $\Delta$	
907-311-C002	FLY ASH, CLASS C OR F	TON	2,510 $\Delta$	
907-311-S001	BITUMINOUS CURING SEAL	GAL	21,272 $\Delta$	
907-310-B001	SIZE III STABILIZER AGGREGATE, COARSE	TON	400	
310-B003	SIZE I STABILIZER AGGREGATE, COARSE	TON	1,000	
907-403-A001	HOT MIX ASPHALT, HT, 12.5-MM MIXTURE	TON	8,565	
OR				
907-403-M010	WARM MIX ASPHALT, HT, 12.5-MM MIXTURE	TON	8,565	
907-403-A011	HOT MIX ASPHALT, ST, 12.5-MM MIXTURE	TON	9,205	
OR				
907-403-M003	WARM MIX ASPHALT, ST, 12.5-MM MIXTURE	TON	9,205	
907-403-A012	HOT MIX ASPHALT, ST, 19-MM MIXTURE	TON	23,814	
OR				
907-403-M004	WARM MIX ASPHALT, ST, 19-MM MIXTURE	TON	23,814	
907-403-A015	HOT MIX ASPHALT, ST, 9.5-MM MIXTURE	TON	6,288	
OR				
907-403-M001	WARM MIX ASPHALT, ST, 9.5-MM MIXTURE	TON	6,288	
907-403-C005	HOT MIX ASPHALT, ST, 19-MM MIXTURE, TRENCH WIDENING	TON	1,736	
OR				
907-403-O001	WARM MIX ASPHALT, ST, 19-MM MIXTURE, TRENCH WIDENING	TON	1,736	
907-403-B007	HOT MIX ASPHALT, ST, 12.5-MM MIXTURE, LEVELING	TON	2,721	
OR				
907-403-N002	WARM MIX ASPHALT, ST, 12.5-MM MIXTURE, LEVELING	TON	2,721	
907-403-D001	HOT MIX ASPHALT, HT, 12.5-MM MIXTURE, POLYMER MODIFIED	TON	10,862	
OR				
907-403-P002	WARM MIX ASPHALT, HT, 12.5-MM MIXTURE, POLYMER MODIFIED	TON	10,862	
907-403-D004	HOT MIX ASPHALT, HT, 9.5-MM MIXTURE, POLYMER MODIFIED	TON	8,101	
OR				
907-403-P001	WARM MIX ASPHALT, HT, 9.5-MM MIXTURE, POLYMER MODIFIED	TON	8,101	

- ① INCLUDES A 20% INCREASE FROM CALCULATED QUANTITY.
- ② QUANTITY BASED ON 50% OF SUB-BASE BEING TREATED.
- $\Delta$ ③ INCLUDES 28,364 S.Y. BASED ON 50% OF SUBGRADE BEING TREATED & 56,665 S.Y. FOR TREATMENT OF GRANULAR MATERIAL.
- ④ QUANTITIES FOR LIME AND FLY ASH ARE BASED ON 3% AND 12% BY WEIGHT, RESPECTIVELY. ACTUAL APPLICATION RATE TO BE DETERMINED FROM TEST MADE PRIOR TO BEGINNING TREATMENT.
- $\Delta$ ⑤ INCLUDES 191 TONS BASED ON 50% OF SUBGRADE BEING TREATED & 436 TONS FOR TREATMENT OF GRANULAR MATERIAL.
- $\Delta$ ⑥ INCLUDES 766 TONS BASED ON 50% OF SUBGRADE BEING TREATED & 1,744 TONS FOR TREATMENT OF GRANULAR MATERIAL.
- ⑦ QUANTITY ESTIMATED FOR CONSTRUCTION ENTRANCES. ACTUAL QUANTITY AND PLACEMENT TO BE USED AS DIRECTED BY THE ENGINEER.
- ⑧ TO BE USED FOR RAILROAD WORK RAMP. NO ALTERNATE MATERIAL PERMITTED.
- ⑨ QUANTITY ESTIMATED FOR MAINTENANCE OF DRIVEWAYS DURING CONSTRUCTION.
- $\Delta$ ⑩ INCLUDES 240 TONS BASED ON 50% OF SUBGRADE BEING TREATED & 659 TONS FOR TREATMENT OF GRANULAR MATERIAL.
- $\Delta$ ⑪ INCLUDES 9,800 TONS TO BE USED FOR RAILROAD WORK RAMP (NO ALTERNATE MATERIAL PERMITTED).

11/12/2014 2:02 PM SDS-SH-DGN

11-12-14 DATE DESIGN TEAM BAKER	11-12-14 DATE DESIGN TEAM BAKER	K.J.C. BY REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>SUMMARY OF QUANTITIES</b> SR471 FROM US HWY 80 TO GRANTS FERRY RD. PROJ NO: STP-0062-02(009) COUNTY: RANKIN FILENAME: SQ-2.DGN DESIGN TEAM BAKER CHECKED KJC DATE 2014	
				WORKING NUMBER SQ-2 SHEET NUMBER 24

**SUMMARY OF QUANTITIES (SHEET 5)**

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL
619-A1004	TEMPORARY TRAFFIC STRIPE, CONTINUOUS WHITE, PAINT	MI	32	
619-A1007	TEMPORARY TRAFFIC STRIPE, CONTINUOUS WHITE, TYPE 1 TAPE	LF	7,506	
619-A2004	TEMPORARY TRAFFIC STRIPE, CONTINUOUS YELLOW, PAINT	MI	34	
619-A2007	TEMPORARY TRAFFIC STRIPE, CONTINUOUS YELLOW, TYPE 1 TAPE	LF	7,506	
619-A3007	TEMPORARY TRAFFIC STRIPE, SKIP WHITE, PAINT	MI	15	
619-A4007	TEMPORARY TRAFFIC STRIPE, SKIP YELLOW, PAINT	MI	17	
619-A5002	TEMPORARY TRAFFIC STRIPE, DETAIL, PAINT	LF	74,325	
619-A6003	TEMPORARY TRAFFIC STRIPE, LEGEND, PAINT	LF	11,556	
619-A6004	TEMPORARY TRAFFIC STRIPE, LEGEND, PAINT	SF	3,830	
619-C6001	RED-CLEAR REFLECTIVE HIGH PERFORMANCE RAISED MARKER	EA	1,435	
619-C7001	TWO-WAY YELLOW REFLECTIVE HIGH PERFORMANCE RAISED MARKER	EA	6,429	
619-D1001	STANDARD ROADSIDE CONSTRUCTION SIGNS, LESS THAN 10 SQUARE FEET	SF	1,097	
619-D2001	STANDARD ROADSIDE CONSTRUCTION SIGNS, 10 SQUARE FEET OR MORE	SF	1,591	
619-E1001	FLASHING ARROW PANEL, TYPE C	EA	1	
907-619-E3001	CHANGEABLE MESSAGE SIGN	EA	12	
619-F1001	CONCRETE MEDIAN BARRIER, PRECAST	LF	3,450	
619-F2001	REMOVE AND RESET CONCRETE MEDIAN BARRIER, PRECAST	LF	1,890	
619-G4001	BARRICADES, TYPE III, SINGLE FACED	LF	1,122	
619-G4005	BARRICADES, TYPE III, DOUBLE FACED	LF	132	
619-G5001	FREE STANDING PLASTIC DRUMS	EA	334	
619-G7001	WARNING LIGHTS, TYPE "B"	EA	11	
619-H1001	TRAFFIC SIGNALS	LS	100%	
619-J1002	IMPACT ATTENUATOR, 50 MPH	UNIT	3	
619-J1003	IMPACT ATTENUATOR, 60 MPH	UNIT	4	
619-J2002	IMPACT ATTENUATOR, 60 MPH, REPLACEMENT PACKAGE	UNIT	4	
619-J2004	IMPACT ATTENUATOR, 50 MPH, REPLACEMENT PACKAGE	UNIT	3	
619-K2002	INSTALLATION AND REMOVAL OF GUARD RAIL, TYPE I BRIDGE END SECTION	EA	2	
619-K4001	INSTALLATION AND REMOVAL OF GUARDRAIL, TERMINAL END SECTION	EA	2	
620-A001	MOBILIZATION	LS	100%	
907-622-B001	ENGINEER'S FIELD OFFICE BUILDING, TYPE 2 LO	EA	1	
907-626-A005	6" THERMOPLASTIC DOUBLE DROP TRAFFIC STRIPE, SKIP WHITE	MI	5	
907-626-B005	6" THERMOPLASTIC DOUBLE DROP TRAFFIC STRIPE, CONTINUOUS WHITE	LF	1,951	
907-626-C003	6" THERMOPLASTIC DOUBLE DROP EDGE STRIPE, CONTINUOUS WHITE	MI	9	
907-626-D006	6" THERMOPLASTIC DOUBLE DROP TRAFFIC STRIPE, SKIP YELLOW	MI	4	
907-626-E006	6" THERMOPLASTIC DOUBLE DROP TRAFFIC STRIPE, CONTINUOUS YELLOW	MI	9	
907-626-G006	THERMOPLASTIC DOUBLE DROP DETAIL STRIPE, WHITE	LF	22,721	
907-626-G007	THERMOPLASTIC DOUBLE DROP DETAIL STRIPE, YELLOW	LF	19,105	
907-626-H009	THERMOPLASTIC DOUBLE DROP LEGEND, WHITE	LF	4,333	
907-626-H010	THERMOPLASTIC DOUBLE DROP LEGEND, WHITE	SF	2,629	
627-K001	RED-CLEAR REFLECTIVE HIGH PERFORMANCE RAISED MARKERS	EA	916	
627-L001	TWO-WAY YELLOW REFLECTIVE HIGH PERFORMANCE RAISED MARKERS	EA	2,971	
630-A001	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080" THICKNESS	SF	445	
630-A002	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.125" THICKNESS	SF	280	
630-C004	STEEL U-SECTION POSTS, 3.0 TO 3.5 LB/FT	LF	983	
630-E004	STRUCTURAL STEEL ANGLES & BARS, 7/16" X 2 1/2" FLAT BAR	LBS	255	
630-F001	DELINEATORS, GUARD RAIL, WHITE	EA	28	
630-G002	TYPE 3 OBJECT MARKERS, OM-3R OR OM-3L, POST MOUNTED	EA	8	
630-K001	WELDED & SEAMLESS STEEL PIPE POSTS, 3"	LF	213	
630-K003	WELDED & SEAMLESS STEEL PIPE POSTS, 4"	LF	15	
907-630-O007	REMOVE AND RESET SIGNS, GROUND MOUNTED	EA	1	

- ① USE TEMPORARY STRIPE TAPE ON THE BRIDGES DURING PHASE 4.
- ② TEMPORARY GUARDRAILS REQUIRED ON BRIDGES PER SHEET NOS. TC4-1 & TC4-3.
- ③ TEMPORARY SIGNAL REQUIRED AT EAST DEER RIDGE ROAD SEE SHEET NO. TSI-07.

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11/12/2014 2:03 PM SDS-SH-DGN


REVISION	BY	DATE	QUANTITY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 SR471 FROM US HWY 80  
 TO GRANTS FERRY RD.

PROJ NO: STP-0062-02(009)  
 COUNTY: RANKIN  
 FILENAME: SQ-5.DGN

DESIGN TEAM: BAKER CHECKED: KJC DATE: 2014

WORKING NUMBER: SQ-5  
 SHEET NUMBER: 27



**SUMMARY OF QUANTITIES (SHEET 6)**


PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL
907-639-A002	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 50' ARM	EA	4	
907-639-A006	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 30' ARM	EA	1	
907-639-A007	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 40' ARM	EA	1	
907-639-A008	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE II, 17' SHAFT, 55' ARM	EA	5	
907-639-A010	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 35' ARM	EA	1	
907-639-A015	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 50' ARM	EA	1	
907-639-A016	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 55' ARM	EA	1	
907-639-A021	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 40' ARM	EA	3	
907-639-A028	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 30' ARM	EA	3	
907-639-A029	TRAFFIC SIGNAL EQUIPMENT POLE, TYPE IV, 30' SHAFT, 45' ARM	EA	3	
907-639-C002	POLE FOUNDATIONS, 36" DIAMETER	CY	45	
907-639-C004	POLE FOUNDATIONS, 30" DIAMETER	CY	31	
640-A016	TRAFFIC SIGNAL HEADS, TYPE 1 LED	EA	42	
640-A017	TRAFFIC SIGNAL HEADS, TYPE 2 LED	EA	5	
640-A018	TRAFFIC SIGNAL HEADS, TYPE 3 LED	EA	3	
640-A056	TRAFFIC SIGNAL HEADS, TYPE 2 FYA LED	EA	9	
907-641-C001	SIGNAL RADAR DETECTION SYSTEM	EA	36	
907-642-A002	SOLID STATE TRAFFIC ACTUATED CONTROLLERS, TYPE 8A, STATE FURNISHED	EA	6	
643-A001	CLOSED LOOP ON-STREET MASTER SYSTEM	EA	1	
907-644-A001	OPTICAL DETECTOR	EA	23	
644-B001	OPTICAL DETECTOR CABLE	LF	3,862	
647-A002	PULLBOX, TYPE 3	EA	6	
647-A005	PULLBOX, TYPE 2	EA	19	
648-A001	RADIO INTERCONNECT, INSTALLED IN NEW CONTROLLER CABINET	EA	2	
666-B004	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IM SA 20-1, AWG 10, 2 CONDUCTOR	LF	1,785	
666-B015	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IM SA 20-1, AWG 14, 5 CONDUCTOR	LF	211	
666-B022	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IM SA 20-1, AWG 8, 2 CONDUCTOR	LF	353	
666-B054	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IM SA 20-1, AWG 14, 8 CONDUCTOR	LF	4,114	
668-A033	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, PVC COATED, 2"	LF	569	
668-A036	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, PVC COATED, 3"	LF	211	
668-B024	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLLED PIPE, 2"	LF	176	
668-B025	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLLED PIPE, 3"	LF	1,910	
907-699-B002	BRIDGE CONSTRUCTION STAKES	LS	100%	
907-804-B001	BOX BRIDGE CONCRETE, CLASS B	CY	1,236	
815-A006	LOOSE RIPRAP, SIZE 100	TON	6,280	
815-A009	LOOSE RIPRAP, SIZE 300	TON	1,245	
815-E001	GEOTEXTILE UNDER RIPRAP	SY	2,102	
907-815-F001	SEDIMENT CONTROL STONE	TON	100	
907-899-A001	RAILWAY-HIGHWAY PROVISIONS	LS	100%	

- ① QUANTITY INCLUDES 23 PRESENCE DETECTION UNITS, 13 ADVANCE DETECTION UNITS AND 5,229 L.F. OF RDS COMM CABLE.
- ② TO BE USED AT THE RAILROAD WORK RAMP.
- ③ ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.

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11-12-14	ADDED BRIDGE CONSTRUCTION STAKES	KJC	2
10-17-14	ADDED & REVISED PAY ITEMS	KJC	1

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**  
 SR471 FROM US HWY 80  
 TO GRANTS FERRY RD.  
 PROJ NO: STP-0062-02(009)  
 COUNTY: RANKIN  
 FILENAME: SQ-5.DGN  
 DESIGN TEAM BAKER CHECKED KJC DATE 2014



WORKING NUMBER  
 SQ-6  
 SHEET NUMBER  
 28

11/13/2014 11:00 AM SDS-SH-DGN

**ADDENDUM**

ESTIMATED EARTHWORK QUANTITIES PHASE 1							
WK SHEET NO.	CUT	FILL	BORROW (B 15)	UNCLASSIFIED EXCAVATION	EXCAVATION		REMARKS
					EXCESS	SURPLUS	
3	3754	3231					
3A	506	42					
4	16	24265	6,348		29,648		HVC SOILS
4A	933	149					
4B	4,269	116					
5	29	1593	3,802		37,311		HVC SOILS
5A	1073	2562					
5B	521	4918					
7	40	103,593					
7A	1748	8,899					
7B	0	3,202					
8	221	13876					
9	2183	1924					
10	4,026	3,664					
10C	153	59					
11	1,250	3,540					
12	910	497					
12B	355	100					
13	0	0					OVERLAY
<b>UNITS</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	
<b>TOTALS</b>	21,987	176,230	10,150	0	66,959	0	
S.F. = 25%							
CUT = UNCLASSIFIED				21,987			
FILL-(CUT/(1+S.F.))=BORROW			158,640				
<b>UNITS</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	
<b>TOTALS</b>	168,790	21,987	66,959	0			

ESTIMATED EARTHWORK QUANTITIES PHASE 2A							
WK SHEET NO.	CUT	FILL	BORROW (B 15)	UNCLASSIFIED EXCAVATION	EXCAVATION		REMARKS
					EXCESS	SURPLUS	
5	0	10908					
6A	266	46686					
6B	36	7138					
<b>UNITS</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	
<b>TOTALS</b>	302	64,732	0	0	0	0	
S.F. = 25%							
CUT = UNCLASSIFIED				302			
FILL-(CUT/(1+S.F.))=BORROW			64,490				
<b>UNITS</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	
<b>TOTALS</b>	64,490	302	0	0			

ESTIMATED EARTHWORK QUANTITIES PHASE 3							
WK SHEET NO.	CUT	FILL	BORROW (B 15)	UNCLASSIFIED EXCAVATION	EXCAVATION		REMARKS
					EXCESS	SURPLUS	
6	20	39,692					
8	5054	5663					
8A	11263	242					
<b>UNITS</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	
<b>TOTALS</b>	16,337	45,597	0	0	0	0	
S.F. = 25%							
CUT = UNCLASSIFIED				16,337			
FILL-(CUT/(1+S.F.))=BORROW			32,527				
<b>UNITS</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	
<b>TOTALS</b>	32,527	16,337	0	0			

ESTIMATED EARTHWORK QUANTITIES PHASE 2							
WK SHEET NO.	CUT	FILL	BORROW (B 15)	UNCLASSIFIED EXCAVATION	EXCAVATION		REMARKS
					EXCESS	SURPLUS	
5	21	43925	3,568		5,378		HVC SOILS
5A	3395	4465					
5C	129	470					
7B	82	203					
8	1426	149					
9	7958	4197					
9A	167	2129					
10	755	4,111					
10A	156	1,543					
10B	940	2,587					
11	2,422	2,975					
11A	226	1,388					
12	1,786	1,954					
12A	3,007	288					
13	0	0					
<b>UNITS</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	
<b>TOTALS</b>	22,470	70,384	3,568	0	5,378	0	
S.F. = 25%							
CUT = UNCLASSIFIED				22,470			
FILL-(CUT/(1+S.F.))=BORROW			52,408				
<b>UNITS</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	
<b>TOTALS</b>	55,976	22,470	5,378	0			


ESTIMATED EARTHWORK QUANTITIES PHASE 4							
WK SHEET NO.	CUT	FILL	BORROW (B 15)	UNCLASSIFIED EXCAVATION	EXCAVATION		REMARKS
					EXCESS	SURPLUS	
3	827	7128					
3A	105	4					
4	197	1370	2,334		7,827		HVC SOILS
4A	9,254	35					
4B	7,257	62					
4C	5,137	2					
8	1686	429					
<b>UNITS</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	
<b>TOTALS</b>	24,463	9,030	2,334	0	7,827	0	
S.F. = 25%							
CUT - FILL*(1+S.F.) = EXCESS					13,175		
FILL*(1+S.F.) = UNCLASSIFIED				11,287			
<b>UNITS</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	<b>CU. YDS.</b>	
<b>TOTALS</b>	2,334	11,287	21,002	0			

PROJECT TOTAL			
PHASE	B15	UNCLASS	EXCESS
1	168,790	21,987	66,959
2	55,976	22,470	5378
2A	64,490	302	0
3	32,527	16,337	0
4	2334	11,287	21,002
<b>TOTAL</b>	<b>324,117</b>	<b>72,383</b>	<b>93,339</b>

REVISION	BY	DATE	MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>ESTIMATED QUANTITIES</b> <b>EARTHWORK</b>  PROJ NO: STP-0062-02(009) COUNTY: RANKIN FILENAME: EQ-7.DGN DESIGN TEAM: BAKER CHECKED: KJC DATE: 2014

WORKING NUMBER  
**EQ-7**

SHEET NUMBER  
**35**



11/12/2014 2:04 PM ED-7 EARTHWORK.DGN


# ADDENDUM

STATE PROJECT NO.  
MISS. STP-0062-02(009)

## ESTIMATED TRAFFIC CONTROL ITEMS

PAY ITEM NO.	DESCRIPTION	CONSTRUCTION SIGNING	PHASE 1	PHASE 2	PHASE 2A	PHASE 3	PHASE 4	PRE-FINAL	UNITS	TOTAL EST. QUANTITY	REMARKS
619-A1004	TEMPORARY TRAFFIC STRIPE (CONT. WHITE)(PAINT)		0.40	3	0.30	4.00	6.55	17.73	MILE	32	
619-A1007	TEMPORARY TRAFFIC STRIPE (CONT. WHITE)(TYPE 1 TAPE)		0	0	0	0	3762	3744	LIN. FT.	7506	
619-A2004	TEMPORARY TRAFFIC STRIPE (CONT. YELLOW)(PAINT)		0.53	3	0.47	4.00	7.13	18.14	MILE	34	
619-A2007	TEMPORARY TRAFFIC STRIPE (CONT. YELLOW)(TYPE 1 TAPE)						3762	3744	LIN. FT.	7,506	
619-A3007	TEMPORARY TRAFFIC STRIPE (SKIP WHITE)(PAINT)		0.00	0	0.00	0.00	1.33	14.02	MILE	15	
619-A4007	TEMPORARY TRAFFIC STRIPE (SKIP. YELLOW)(PAINT)		0.16	2	0.00	0.75	1.37	13.56	MILE	17	
619-A5002	TEMPORARY TRAFFIC STRIPE (DETAIL WHITE PAINT)		0	1966	2,930	4,603	16,150	19,320	LIN. FT.	44,969	
619-A5002	TEMPORARY TRAFFIC STRIPE (DETAIL YELLOW PAINT)		1,027	5517	0	7,819	10,795	4,198	LIN. FT.	29,356	
619-A6003	TEMPORARY TRAFFIC STRIPE (LEGEND PAINT)		251	602	795	2,262	4,907	2,739	LIN. FT.	11,556	
619-A6004	TEMPORARY TRAFFIC STRIPE (LEGEND PAINT)		0	214	77	38	422	3,078	SQ. FT.	3,830	
619-C6001	RED/CLEAR REFLECTIVE HIGH PERFORM. RAISED PAVEMENT MARKERS		7	19	11	16	466	916	EACH	1,435	RPM'S REQ'D. PER SHT TCP-15 & 16
619-C7001	TWO-WAY YELLOW REFLECTIVE HIGH PERFORM. RAISED PAVEMENT MARKERS		130	941	27	442	1,889	3,000	EACH	6,429	RPM'S REQ'D. PER SHT TCP-15 & 17
619-D1001	STD. ROADSIDE CONST. SIGNS (LESS THAN 10 SQ. FT.)	423	150	194	43	175	111	0	SQ. FT.	1,097	TOTAL EST. QTY. IS TOTAL S.F. OF SIGNS REQ'D. ONLY S.F. OF NEW SIGNS REQ'D. ARE SHOWN IN PHASES. SOME SIGNS ARE RE-USED DURING PHASE CONST.
619-D2001	STD. ROADSIDE CONST. SIGNS (10 SQ. FT. OR MORE)	664 $\Delta$	356	411	10	86	64	0	SQ. FT.	1,591 $\Delta$	
619-E1001	FLASHING ARROW PANEL, TYPE C		0	0	0	0	1	0	EACH	1	
907-619-E3001	CHANGEABLE MESSAGE SIGN	2	4	6	0	0	0	0	EACH	12	TOTAL PER PHASE
619-F1001	CONCRETE MEDIAN BARRIER (PRECAST)		$\Delta$ 2,430	0	0	200	820	0	LIN. FT.	3,450 $\Delta$	
619-F2001	CONCRETE MEDIAN BARRIER (PRECAST)(REMOVE & RESET)		0	330	0	380	1,180	0	LIN. FT.	1,890	
619-G4001	BARRICADES (TYPE III) SINGLE FACED		444	390	66	222	0	0	LIN. FT.	1,122	
619-G4005	BARRICADES (TYPE III) DOUBLE FACED	132	0	0	0	0	0	0	LIN. FT.	132	
619-G5001	FREE STANDING PLASTIC DRUMS		265	319	28	276	199	0	EACH	334	TOTAL EST. QTY. IS TOTAL REQ'D,
619-G7001	WARNING LIGHTS (TYPE "B")		4	5	0	1	1	0	EACH	11	
619-J1002	IMPACT ATTENUATOR, 50 MPH		1	0	0	1 $\Delta$	1	0	EACH	3 $\Delta$	TOTAL PER PHASE
619-J1003	IMPACT ATTENUATOR, 60 MPH		4 $\Delta$	0	0	0	0	0	EACH	4 $\Delta$	TOTAL PER PHASE $\Delta$
619-J2002	IMPACT ATTENUATOR, 60 MPH, REPLACEMENT PACKAGE		4 $\Delta$	0	0	0	0	0	EACH	4 $\Delta$	TOTAL PER PHASE $\Delta$
619-J2004	IMPACT ATTENUATOR, 50 MPH, REPLACEMENT PACKAGE		1	0	0	1 $\Delta$	1	0	EACH	3 $\Delta$	TOTAL PER PHASE

11/12/2014 2:05 PM EQ-10 TRAFFIC CONTROL.DGN

REVISION	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>ESTIMATED QUANTITIES</b> <b>TRAFFIC CONTROL ITEMS</b>	 WORKING NUMBER <b>EQ-10</b> SHEET NUMBER <b>38</b>
DATE	DESIGN TEAM		
11-12-14	BAKER	PROJ NO: STP-0062-02(009) COUNTY: RANKIN FILENAME: EQ-7.DGN DESIGN TEAM: BAKER CHECKED: KJC DATE: 2014	

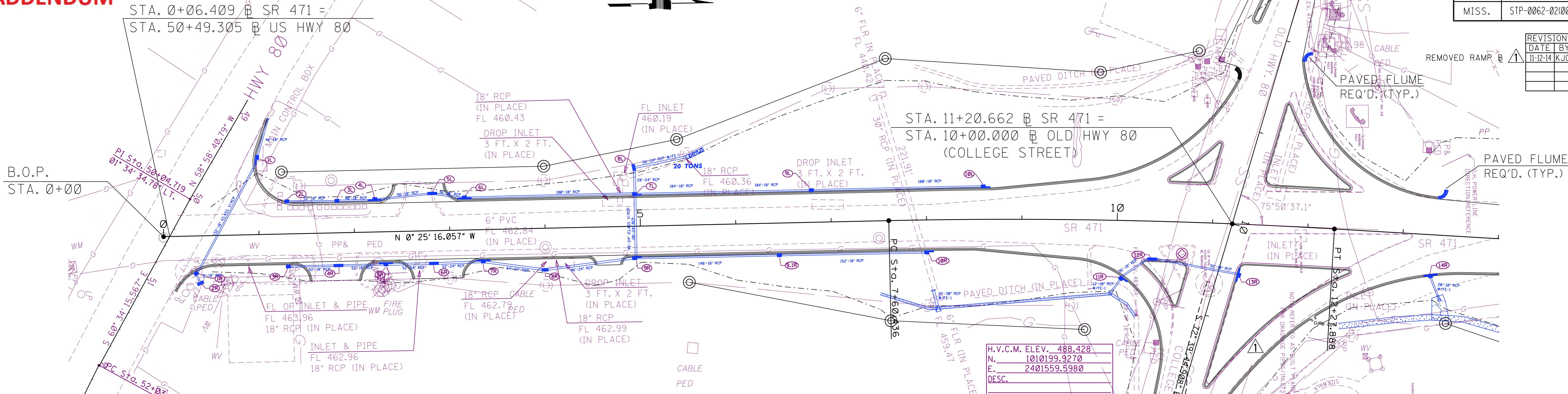




**ADDENDUM**

STATE	PROJECT NO.
MISS.	STP-0062-02(009)

REVISONS	DATE	BY
	11-12-14	KJC



**PHASE 1**

EARTHWORK	TOTAL THIS SHEET
Cut	3754 Cu.Yds
Fill	3231 Cu.Yds
Excess	Cu.Yds
Surplus	Cu.Yds
Borrow	Cu.Yds

**PHASE 4**

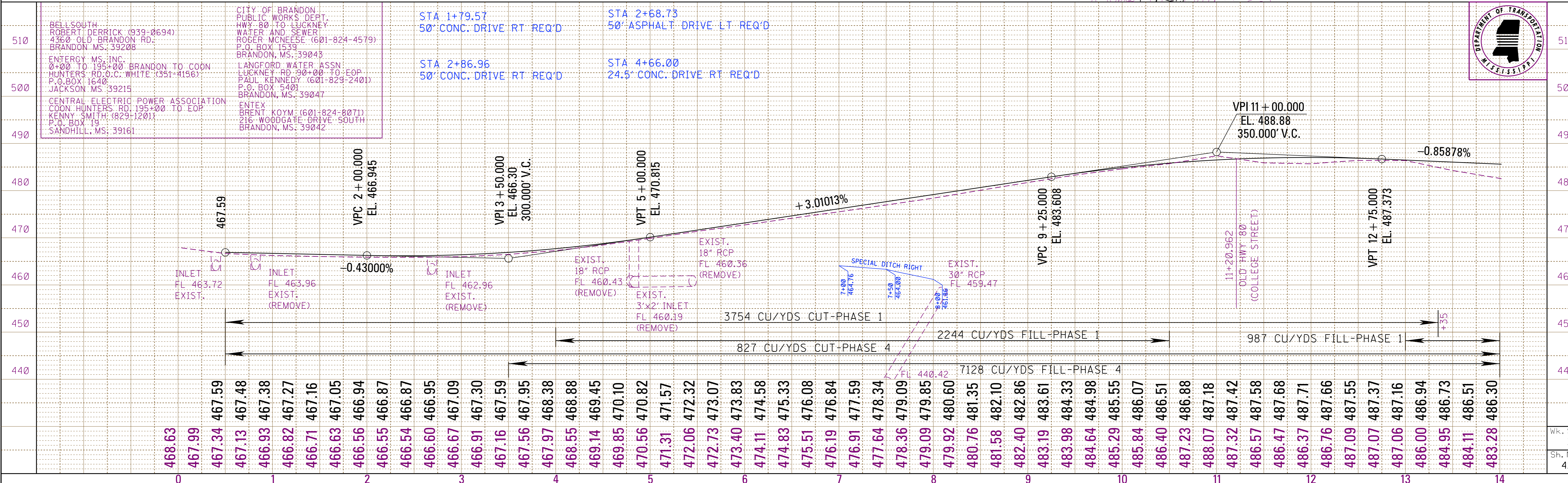
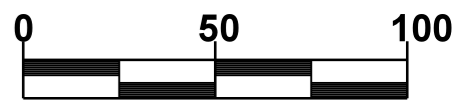
EARTHWORK	TOTAL THIS SHEET
Cut	827 Cu.Yds
Fill	7128 Cu.Yds
Excess	Cu.Yds
Surplus	Cu.Yds
Borrow	Cu.Yds

EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	69
RIP RAP	TON	[Symbol]	66
SILT FENCE	L.F.	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	124
SOLID SOD	S.Y.	[Symbol]	208
EROSION CHECKS	BALE	[Symbol]	

SUPER EL. NC FT/FT WIDTH  
EXTRA WIDTH ON INSIDE 0 FT  
SEE DWG. SDSE-2E CASE 1

Curve 471-NEWGENO-1  
Δ = 4° 40' 28.277" (RT)  
D = 1° 00' 00.000"  
L = 467.452'  
T = 233.856'  
R = 5,729.578'  
BK N 0° 25' 16.057" W  
AH N 4° 15' 12.220" E  
PC 7+60.436  
PT 12+27.888

H.V.C.M. ELEV. 488.428  
N. 1010199.9270  
E. 2401559.5980  
DESC.



BELLSOUTH  
ROBERT DERRICK (939-0694)  
4360 OLD BRANDON RD.  
BRANDON, MS, 39208

ENERGY MS, INC.  
0+00 TO 195+00 BRANDON TO COON  
HUNTERS RD. O.C. WHITE (351-4156)  
P.O. BOX 1640  
JACKSON, MS, 39215

CENTRAL ELECTRIC POWER ASSOCIATION  
COON HUNTERS RD. 195+00 TO EOP  
KENNY SMITH (829-1201)  
P.O. BOX 19  
SANDHILL, MS, 39161

CITY OF BRANDON  
PUBLIC WORKS DEPT.  
HWY 80 TO LUCKNEY  
WATER AND SEWER  
ROGER MCNEESE (601-824-4579)  
P.O. BOX 1539  
BRANDON, MS, 39043

LANGFORD WATER ASSN  
LUCKNEY RD 90+00 TO EOP  
PAUL KENNEDY (601-829-2401)  
P.O. BOX 5401  
BRANDON, MS, 39047

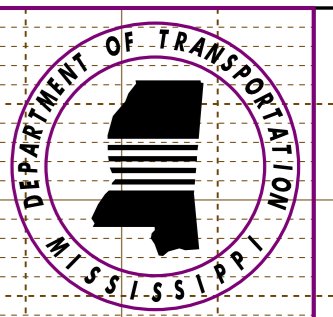
ENTEX  
BRENT KOYM (601-824-8071)  
216 WOODGATE DRIVE SOUTH  
BRANDON, MS, 39042

STA 1+79.57  
50' CONC. DRIVE RT REQ'D

STA 2+68.73  
50' ASPHALT DRIVE LT REQ'D

STA 2+86.96  
50' CONC. DRIVE RT REQ'D

STA 4+66.00  
24.5' CONC. DRIVE RT REQ'D

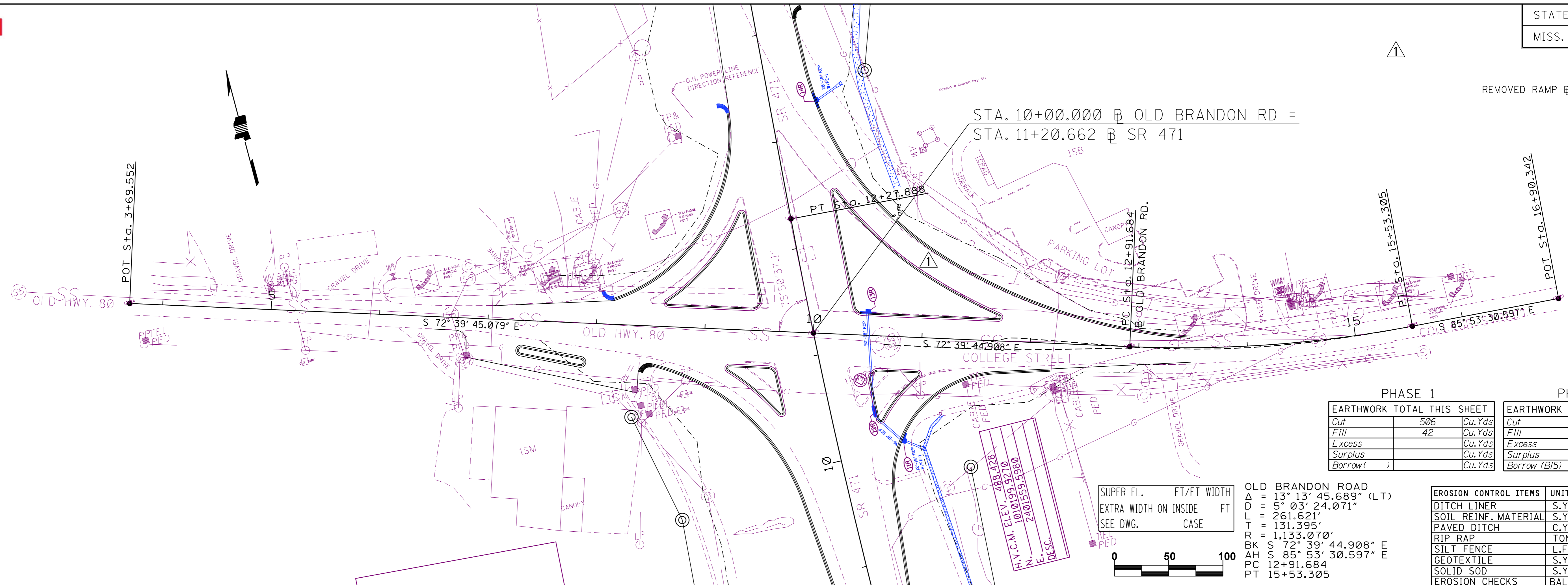


# ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0062-02(009)

REVISIONS		
DATE	BY	
11-12-14	KJC	

REMOVED RAMP



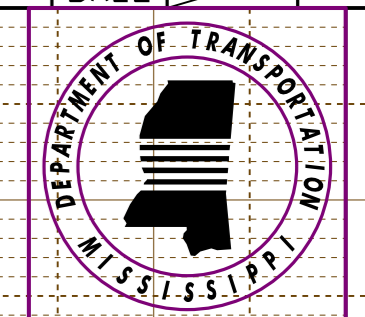
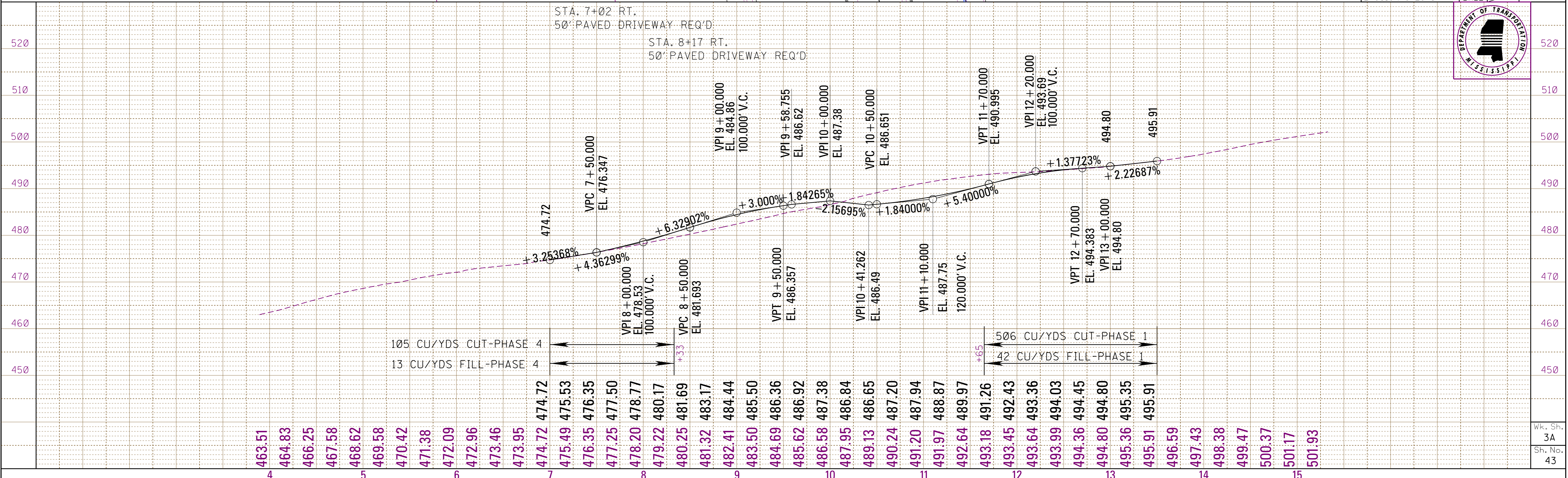
PHASE 1			PHASE 4		
EARTHWORK TOTAL THIS SHEET					
Cut	506	Cu.Yds	Cut	105	Cu.Yds
Fill	42	Cu.Yds	Fill	13	Cu.Yds
Excess		Cu.Yds	Excess		Cu.Yds
Surplus		Cu.Yds	Surplus		Cu.Yds
Borrow		Cu.Yds	Borrow (B15)		Cu.Yds

OLD BRANDON ROAD  
 Δ = 13° 13' 45.689" (LT)  
 D = 5° 03' 24.071"  
 T = 261.621'  
 R = 131.995'  
 BK = 1,133.070'  
 Δ = 72° 39' 44.908" E  
 PT = 15+53.305

STATIONING: STA. 10+00.000 @ OLD BRANDON RD = STA. 11+20.662 @ SR 471

EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	
RIP RAP	TON	[Symbol]	
SILT FENCE	L.F.	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	
EROSION CHECKS	BALE	[Symbol]	

11/13/2014 09:07:32 WK3A OLD HWY 80.DGN



wk. Sh. 3A  
Sh. No. 43

# ADDENDUM

H.V.C.M. ELEV. 406.403  
 N. 1013441.613  
 E. 2401801.196  
 DESC. REBAR

Curve 471-NEWGENO-3  
 $\Delta = 40^\circ 10' 30.118''$  (LT)  
 $D = 3^\circ 30' 00.002''$   
 $L = 1,147.858'$   
 $T = 598.661'$   
 $R = 1,637.022'$   
 $BK N 13^\circ 36' 15.350'' E$   
 $AH N 26^\circ 34' 14.769'' W$   
 $PC 38+53.429$   
 $PT 50+01.287$

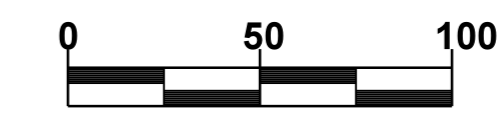
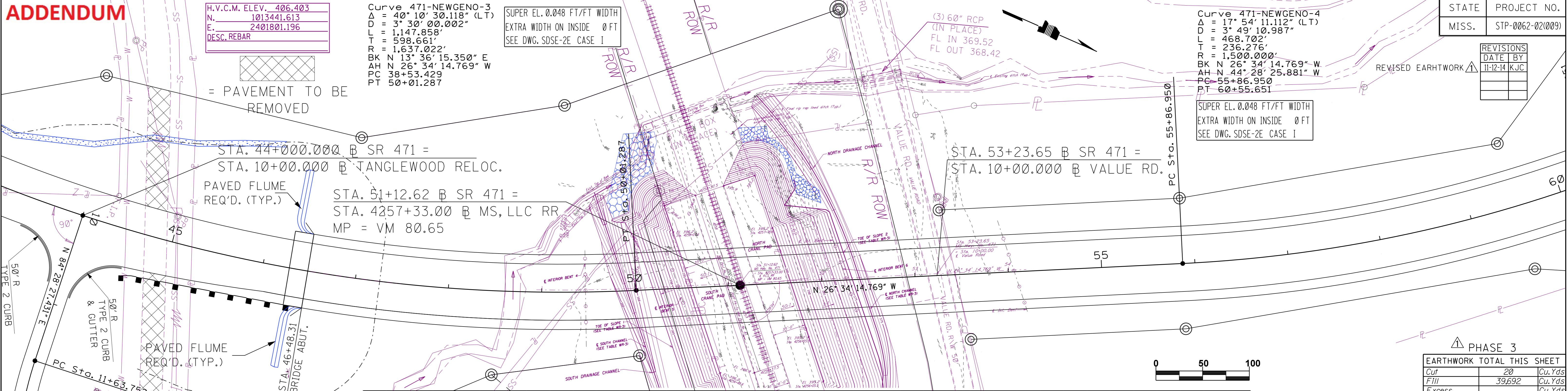
SUPER EL. 0.048 FT/FT WIDTH  
 EXTRA WIDTH ON INSIDE 0 FT  
 SEE DWG. SDSE-2E CASE I

Curve 471-NEWGENO-4  
 $\Delta = 17^\circ 54' 11.112''$  (LT)  
 $D = 3^\circ 49' 10.987''$   
 $L = 468.702'$   
 $T = 236.276'$   
 $R = 1,500.000'$   
 $BK N 26^\circ 34' 14.769'' W$   
 $AH N 44^\circ 28' 25.881'' W$   
 $PC 55+86.950$   
 $PT 60+55.651$

SUPER EL. 0.048 FT/FT WIDTH  
 EXTRA WIDTH ON INSIDE 0 FT  
 SEE DWG. SDSE-2E CASE I

STATE	PROJECT NO.
MISS.	STP-0062-02(009)

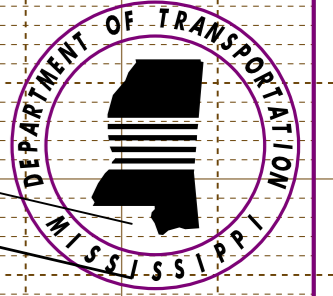
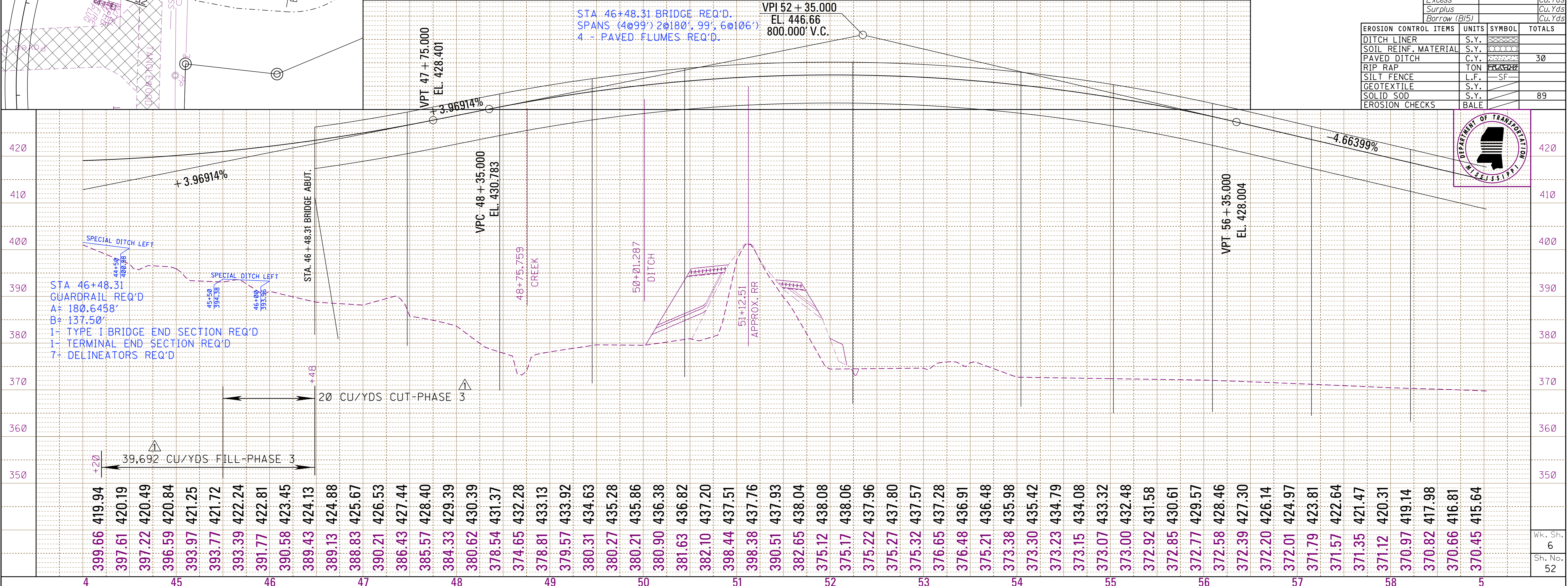
REVISIONS	DATE	BY
	11-12-14	KJC



PHASE 3

EARTHWORK TOTAL THIS SHEET		
Cut	20	Cu.Yds
Fill	39,692	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B15)		Cu.Yds

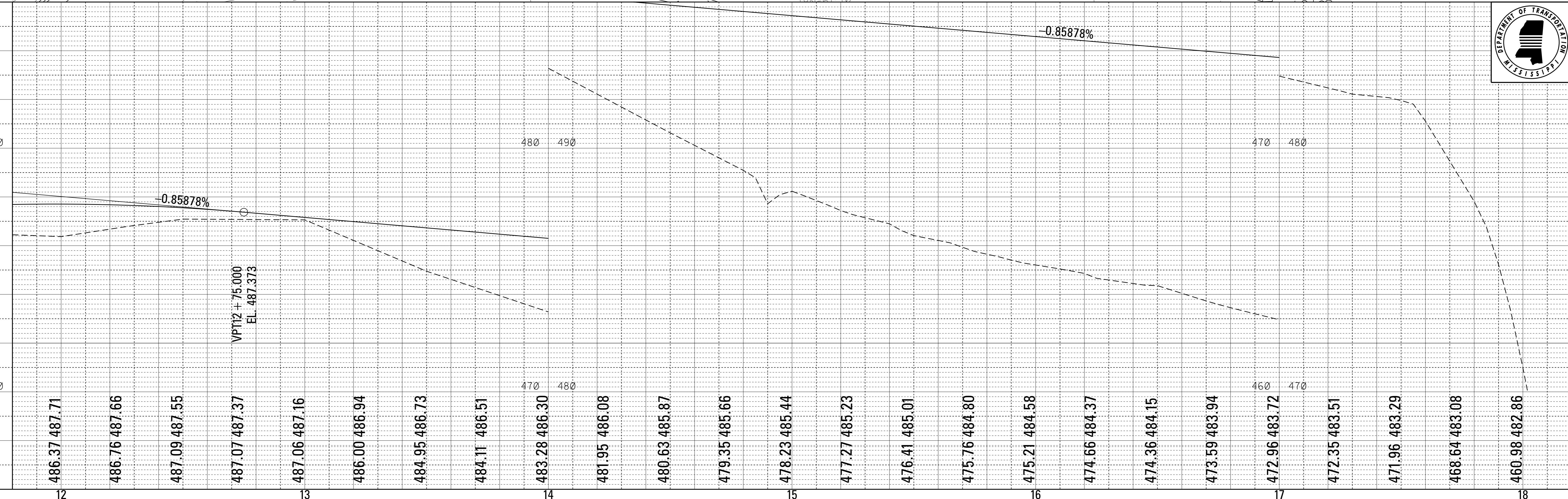
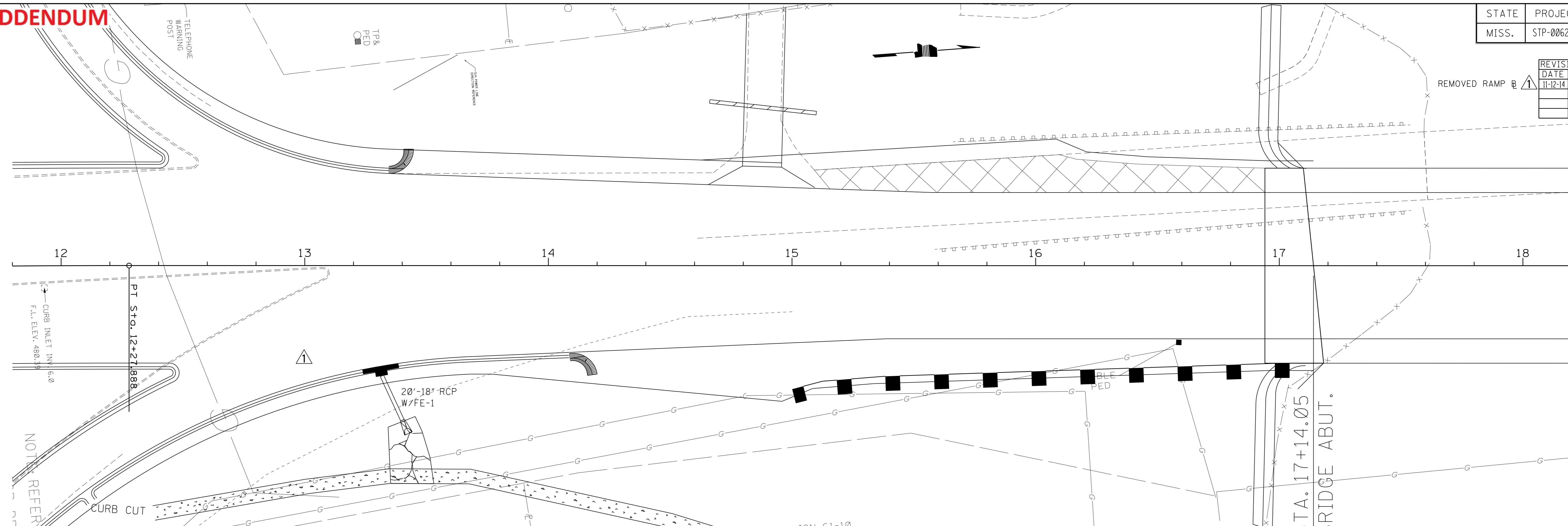
EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	30
RIP RAP	TON	[Symbol]	
SILT FENCE	L.F.	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	89
EROSION CHECKS	BALE	[Symbol]	



# ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0062-02(009)

REVISIONS	
DATE	BY
11-12-14	KJC



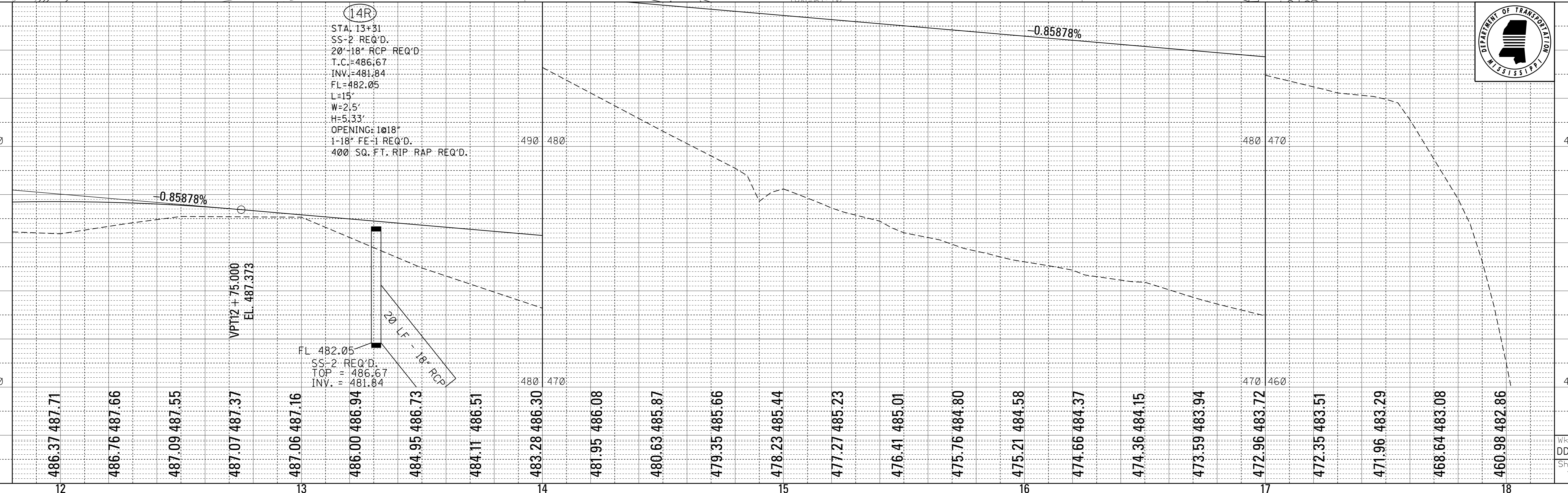
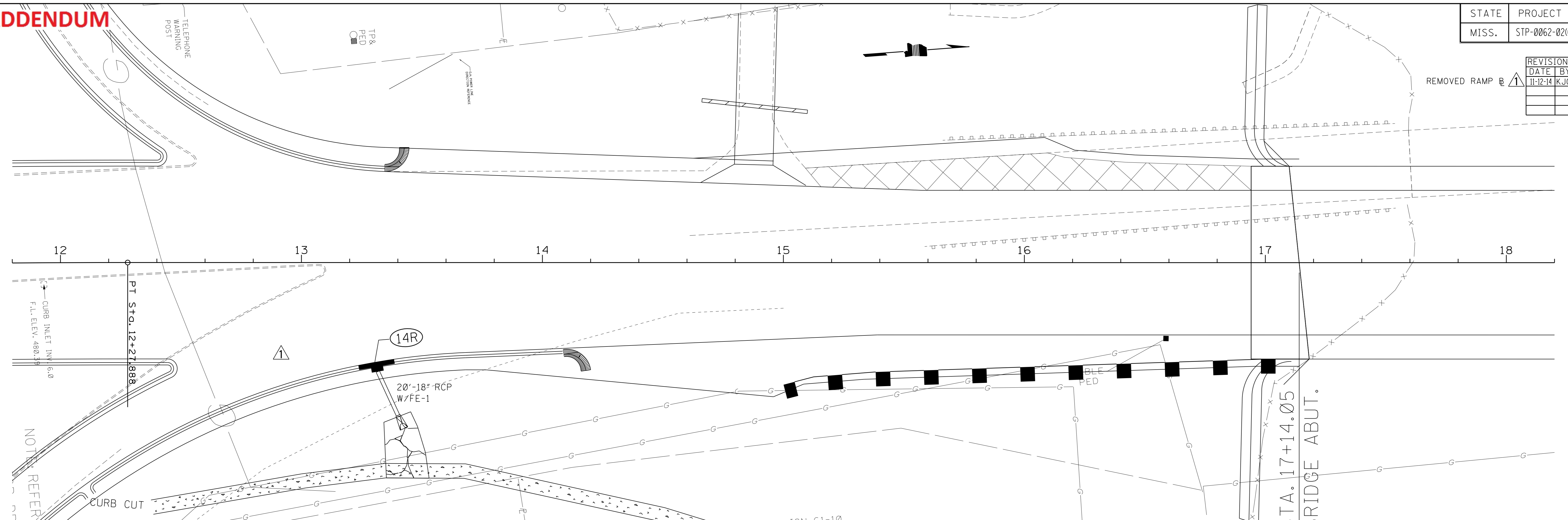
11/13/2014 9:08 AM DD3LT.DGN



# ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0062-02(009)

REVISIONS	
DATE	BY
11-12-14	KJC

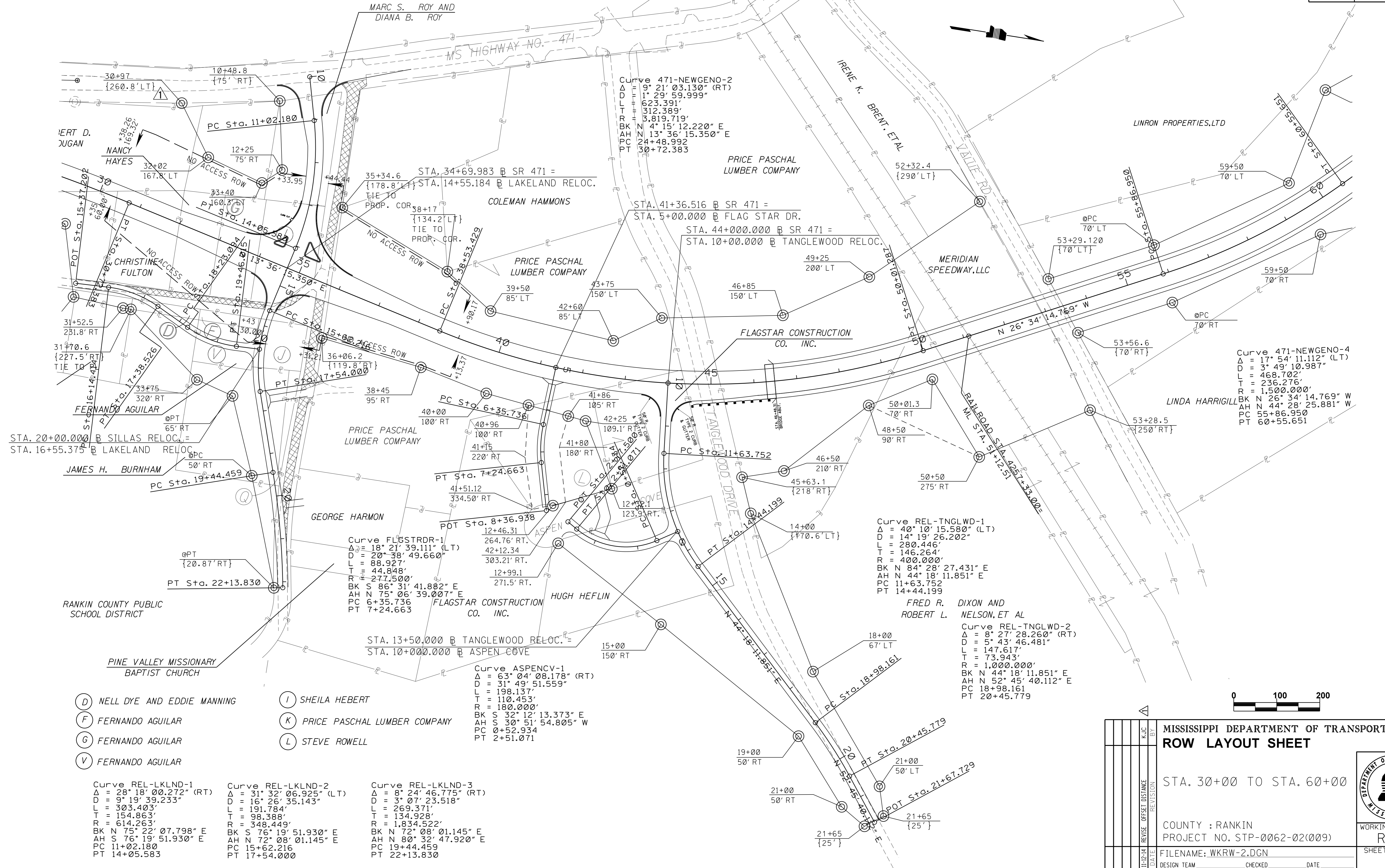


**(14R)**  
 STA: 13+31  
 SS-2 REQ'D.  
 20'-18" RCP REQ'D  
 T.C.=486.67  
 INV.=481.84  
 FL=482.05  
 L=15'  
 W=2.5'  
 H=5.33'  
 OPENING: 10'18"  
 1-18" FE-1 REQ'D.  
 400 SQ. FT. RIP RAP REQ'D.

FL 482.05  
 SS-2 REQ'D.  
 TOP = 486.67  
 INV. = 481.84  
 20' LE - 18" RCP

11/13/2014 9:08 AM DD3RT.DGN





MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
 ROADWAY PLAN DIVISION  
 WKRW-2.DGN  
 11/12/2014 2:06 PM

- (D) NELL DYE AND EDDIE MANNING
- (F) FERNANDO AGUILAR
- (G) FERNANDO AGUILAR
- (V) FERNANDO AGUILAR
- (I) SHEILA HEBERT
- (K) PRICE PASCHAL LUMBER COMPANY
- (L) STEVE ROWELL

**Curve REL-LKLND-1**  
 $\Delta = 28^{\circ} 18' 00.272''$  (RT)  
 $D = 9^{\circ} 19' 39.233''$   
 $L = 303.403'$   
 $T = 154.863'$   
 $R = 614.263'$   
 $BK N 75^{\circ} 22' 07.798'' E$   
 $AH S 76^{\circ} 19' 51.930'' E$   
 $PC 11+02.180$   
 $PT 14+05.583$

**Curve REL-LKLND-2**  
 $\Delta = 31^{\circ} 32' 06.925''$  (LT)  
 $D = 16^{\circ} 26' 35.143''$   
 $L = 191.784'$   
 $T = 98.388'$   
 $R = 348.449'$   
 $BK S 76^{\circ} 19' 51.930'' E$   
 $AH N 72^{\circ} 08' 01.145'' E$   
 $PC 15+62.216$   
 $PT 17+54.000$

**Curve REL-LKLND-3**  
 $\Delta = 8^{\circ} 24' 46.775''$  (RT)  
 $D = 3^{\circ} 07' 23.518''$   
 $L = 269.371'$   
 $T = 134.928'$   
 $R = 1,834.522'$   
 $BK N 72^{\circ} 08' 01.145'' E$   
 $AH N 80^{\circ} 32' 47.920'' E$   
 $PC 19+44.459$   
 $PT 22+13.830$

**Curve 471-NEWGENO-2**  
 $\Delta = 9^{\circ} 21' 03.130''$  (RT)  
 $D = 1^{\circ} 29' 59.999''$   
 $L = 623.391'$   
 $T = 312.389'$   
 $R = 3,819.719'$   
 $BK N 4^{\circ} 15' 12.220'' E$   
 $AH N 13^{\circ} 36' 15.350'' E$   
 $PC 24+48.992$   
 $PT 30+72.383$

**Curve 471-NEWGENO-4**  
 $\Delta = 17^{\circ} 54' 11.112''$  (LT)  
 $D = 3^{\circ} 49' 10.987''$   
 $L = 468.702'$   
 $T = 236.276'$   
 $R = 1,500.000'$   
 $BK N 26^{\circ} 34' 14.769'' W$   
 $AH N 44^{\circ} 28' 25.881'' W$   
 $PC 55+86.950$   
 $PT 60+55.651$

**Curve REL-TNGLWD-1**  
 $\Delta = 40^{\circ} 10' 15.580''$  (LT)  
 $D = 14^{\circ} 19' 26.202''$   
 $L = 280.446'$   
 $T = 146.264'$   
 $R = 400.000'$   
 $BK N 84^{\circ} 28' 27.431'' E$   
 $AH N 44^{\circ} 18' 11.851'' E$   
 $PC 11+63.752$   
 $PT 14+44.199$

**Curve REL-TNGLWD-2**  
 $\Delta = 8^{\circ} 27' 28.260''$  (RT)  
 $D = 5^{\circ} 43' 46.481''$   
 $L = 147.617'$   
 $T = 73.943'$   
 $R = 1,000.000'$   
 $BK N 44^{\circ} 18' 11.851'' E$   
 $AH N 52^{\circ} 45' 40.112'' E$   
 $PC 18+98.161$   
 $PT 20+45.779$

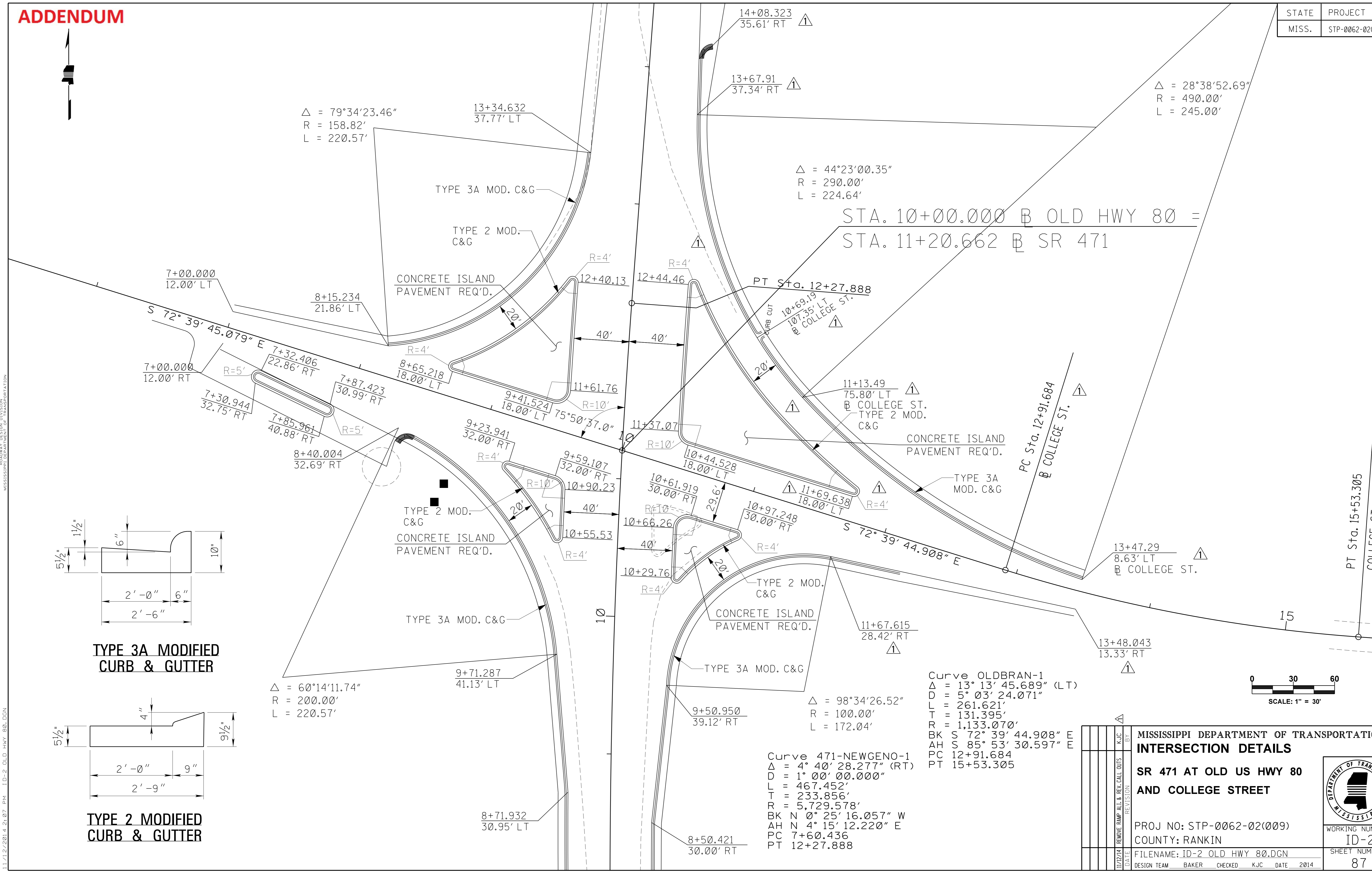
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		ROW LAYOUT SHEET	
STA. 30+00 TO STA. 60+00		COUNTY : RANKIN	
PROJECT NO. STP-0062-02(009)		FILENAME: WKRW-2.DGN	
DESIGN TEAM	CHECKED	DATE	
WORKING NUMBER		SHEET NUMBER	
RW-2		80	

**ADDENDUM**

STATE	PROJECT NO.
MISS.	STP-0062-02(009)



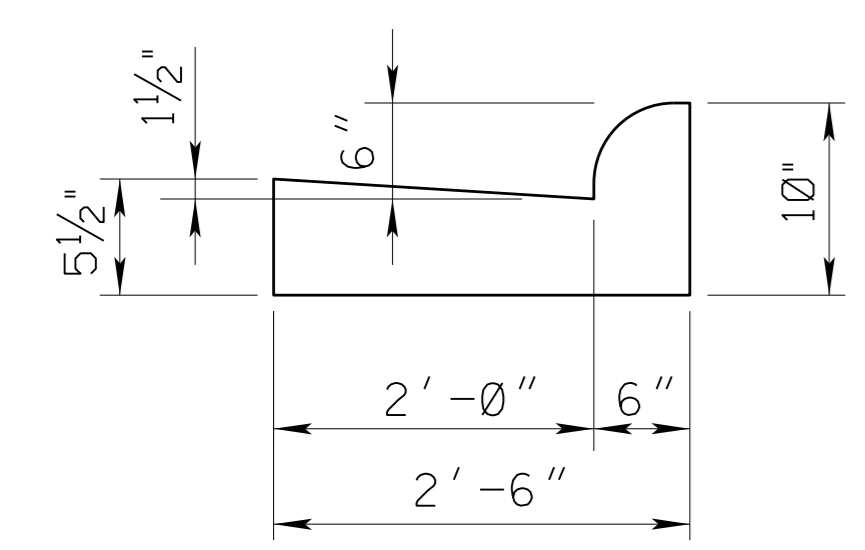
11/12/2014 2:07 PM ID-2 OLD HWY 80.DGN



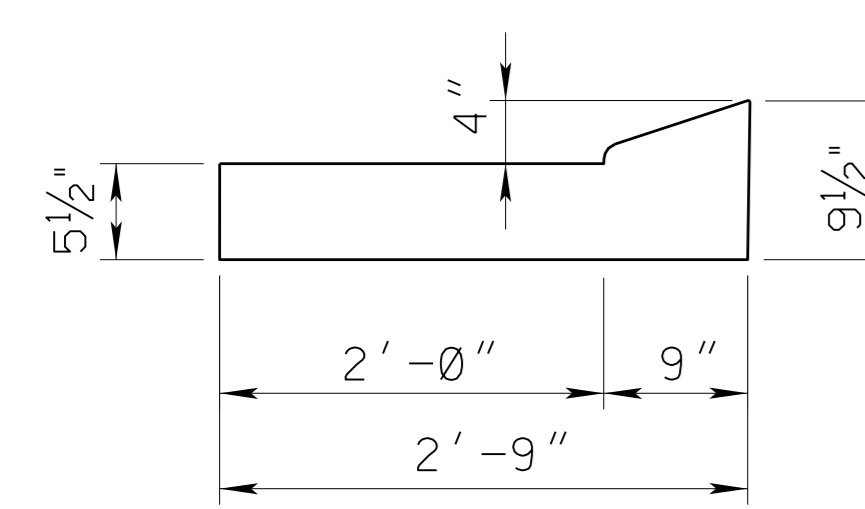
$\Delta = 28^\circ 38' 52.69''$   
 $R = 490.00'$   
 $L = 245.00'$

$\Delta = 44^\circ 23' 00.35''$   
 $R = 290.00'$   
 $L = 224.64'$

STA. 10+00.000 @ OLD HWY 80 =  
 STA. 11+20.662 @ SR 471



**TYPE 3A MODIFIED CURB & GUTTER**



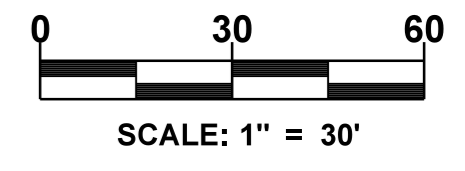
**TYPE 2 MODIFIED CURB & GUTTER**

$\Delta = 60^\circ 14' 11.74''$   
 $R = 200.00'$   
 $L = 220.57'$

$\Delta = 98^\circ 34' 26.52''$   
 $R = 100.00'$   
 $L = 172.04'$

Curve OLDBRAN-1  
 $\Delta = 13^\circ 13' 45.689''$  (LT)  
 $D = 5^\circ 03' 24.071''$   
 $L = 261.621'$   
 $T = 131.395'$   
 $R = 1,133.070'$   
 BK S  $72^\circ 39' 44.908''$  E  
 AH S  $85^\circ 53' 30.597''$  E  
 PC 12+91.684  
 PT 15+53.305

Curve 471-NEWGENO-1  
 $\Delta = 4^\circ 40' 28.277''$  (RT)  
 $D = 1^\circ 00' 00.000''$   
 $L = 467.452'$   
 $T = 233.856'$   
 $R = 5,729.578'$   
 BK N  $0^\circ 25' 16.057''$  W  
 AH N  $4^\circ 15' 12.220''$  E  
 PC 7+60.436  
 PT 12+27.888

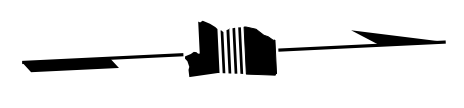


MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>INTERSECTION DETAILS</b>	
<b>SR 471 AT OLD US HWY 80 AND COLLEGE STREET</b>	
PROJ NO: STP-0062-02(009)	WORKING NUMBER
COUNTY: RANKIN	ID-2
FILENAME: ID-2 OLD HWY 80.DGN	SHEET NUMBER
DESIGN TEAM: BAKER	87

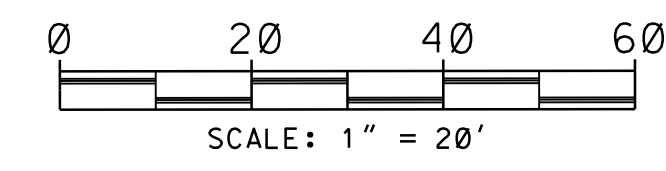
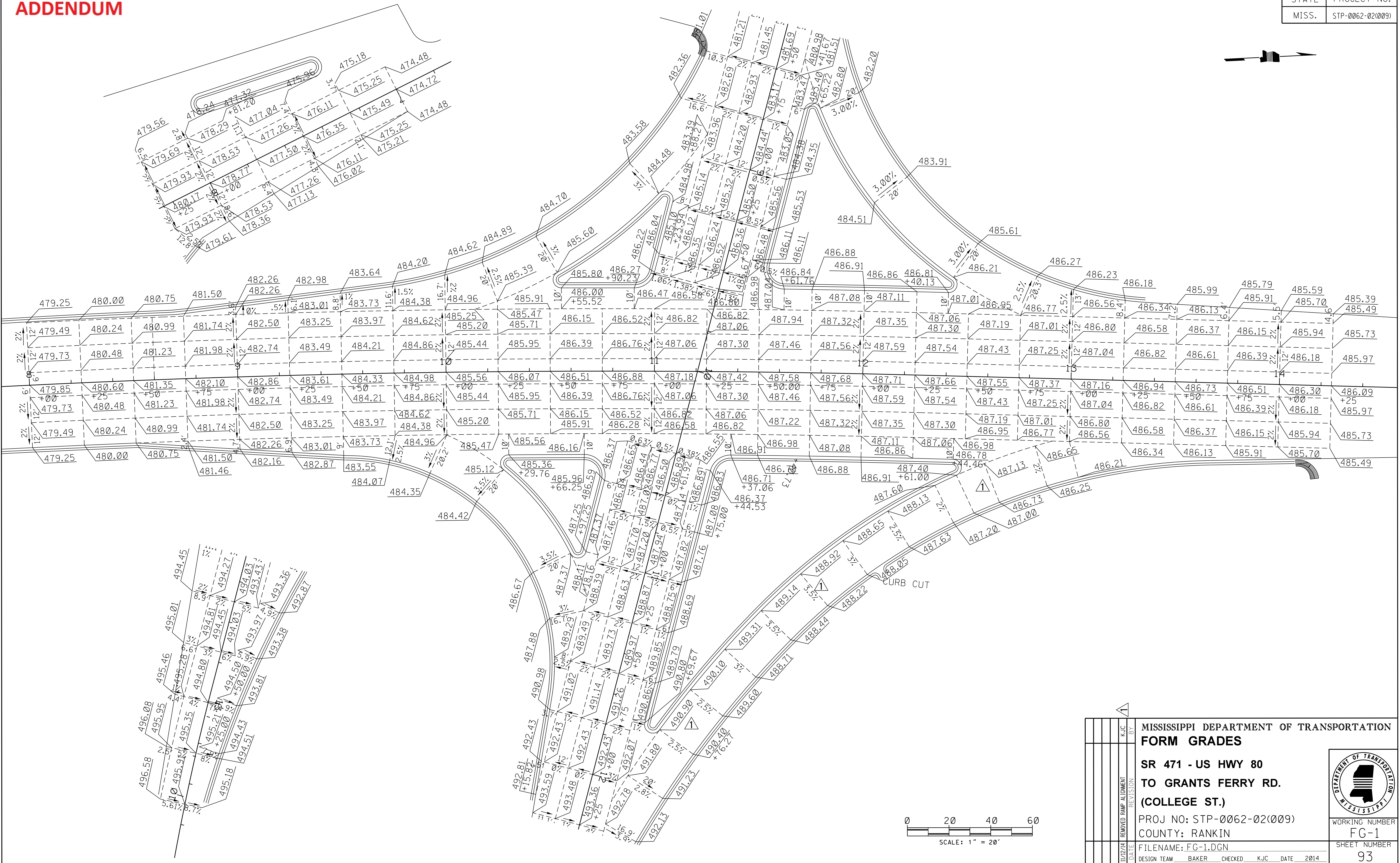


# ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0062-02(009)



PLAN DIVISION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
11/12/2014 2:11 PM FG-1.DGN



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>FORM GRADES</b>	
<b>SR 471 - US HWY 80</b>	
<b>TO GRANTS FERRY RD.</b>	
<b>(COLLEGE ST.)</b>	
PROJ NO: STP-0062-02(009)	
COUNTY: RANKIN	
FILENAME: FG-1.DGN	
DESIGN TEAM	BAKER
CHECKED	KJC
DATE	2014
WORKING NUMBER	FG-1
SHEET NUMBER	93



**ADDENDUM**

STATE	PROJECT NO.
MISS.	STP-0062-02(009)

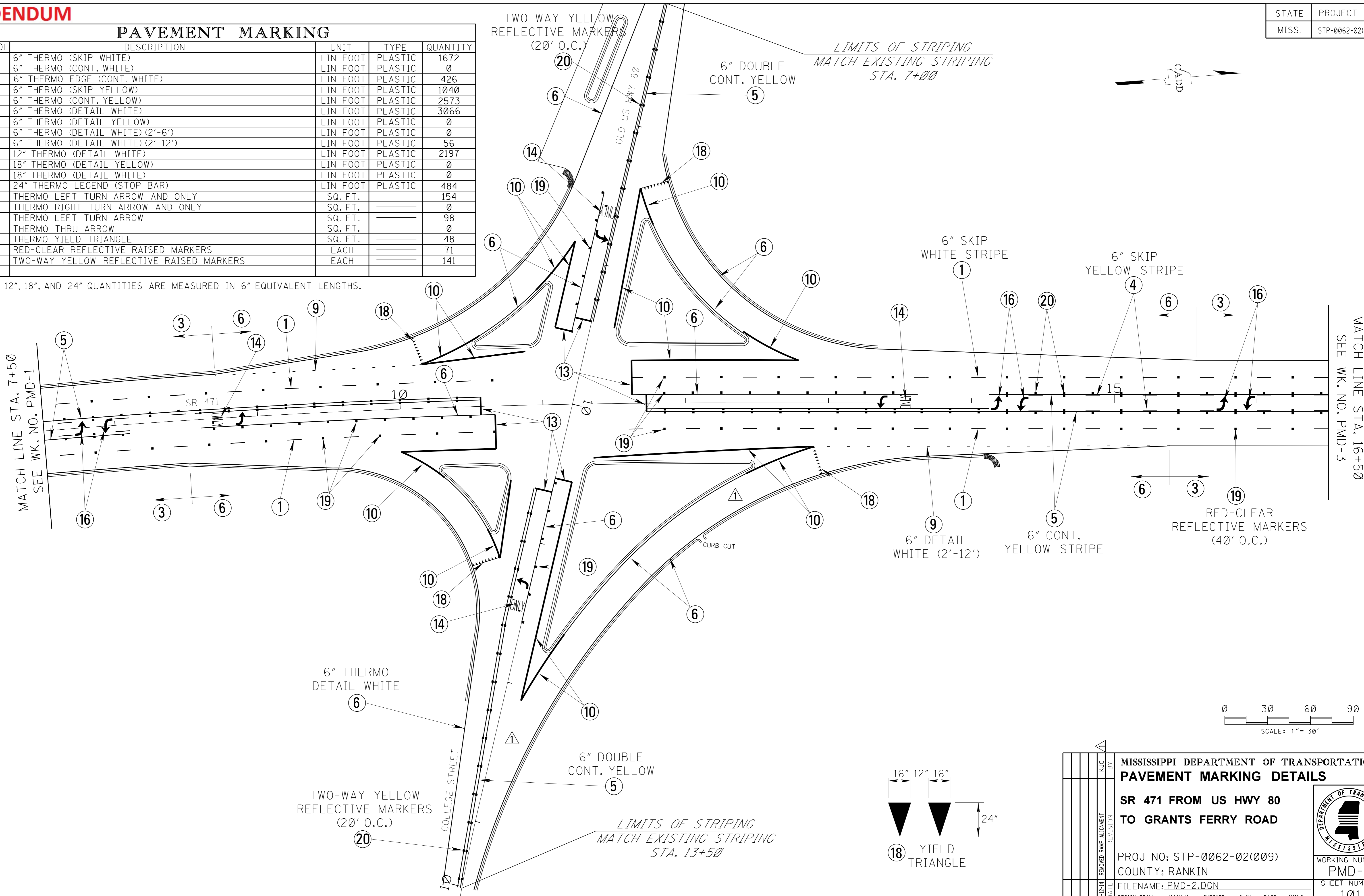
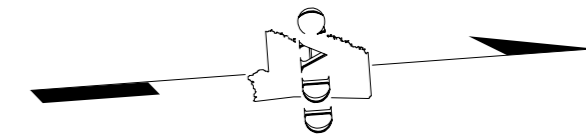
**PAVEMENT MARKING**

SYMBOL	DESCRIPTION	UNIT	TYPE	QUANTITY
(1)	6" THERMO (SKIP WHITE)	LIN FOOT	PLASTIC	1672
(2)	6" THERMO (CONT. WHITE)	LIN FOOT	PLASTIC	0
(3)	6" THERMO EDGE (CONT. WHITE)	LIN FOOT	PLASTIC	426
(4)	6" THERMO (SKIP YELLOW)	LIN FOOT	PLASTIC	1040
(5)	6" THERMO (CONT. YELLOW)	LIN FOOT	PLASTIC	2573
(6)	6" THERMO (DETAIL WHITE)	LIN FOOT	PLASTIC	3066
(7)	6" THERMO (DETAIL YELLOW)	LIN FOOT	PLASTIC	0
(8)	6" THERMO (DETAIL WHITE) (2'-6")	LIN FOOT	PLASTIC	0
(9)	6" THERMO (DETAIL WHITE) (2'-12")	LIN FOOT	PLASTIC	56
(10)	12" THERMO (DETAIL WHITE)	LIN FOOT	PLASTIC	2197
(11)	18" THERMO (DETAIL YELLOW)	LIN FOOT	PLASTIC	0
(12)	18" THERMO (DETAIL WHITE)	LIN FOOT	PLASTIC	0
(13)	24" THERMO LEGEND (STOP BAR)	LIN FOOT	PLASTIC	484
(14)	THERMO LEFT TURN ARROW AND ONLY	SQ. FT.		154
(15)	THERMO RIGHT TURN ARROW AND ONLY	SQ. FT.		0
(16)	THERMO LEFT TURN ARROW	SQ. FT.		98
(17)	THERMO THRU ARROW	SQ. FT.		0
(18)	THERMO YIELD TRIANGLE	SQ. FT.		48
(19)	RED-CLEAR REFLECTIVE RAISED MARKERS	EACH		71
(20)	TWO-WAY YELLOW REFLECTIVE RAISED MARKERS	EACH		141

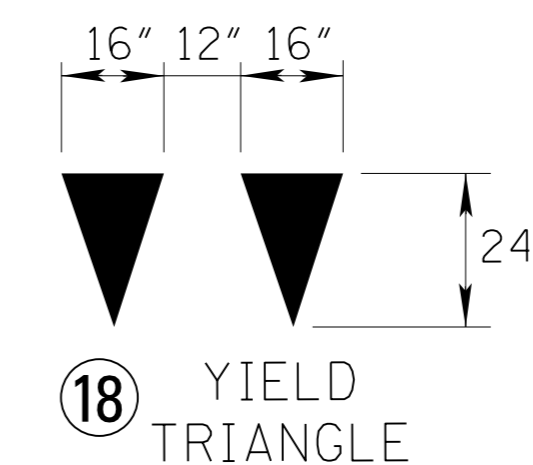
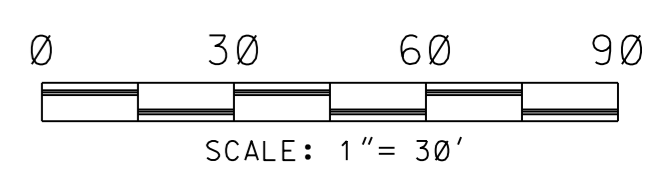
NOTE: 12", 18", AND 24" QUANTITIES ARE MEASURED IN 6" EQUIVALENT LENGTHS.

TWO-WAY YELLOW REFLECTIVE MARKERS (20' O.C.)

LIMITS OF STRIPING MATCH EXISTING STRIPING STA. 7+00



MATCH LINE STA. 16+50  
SEE WK. NO. PMD-3



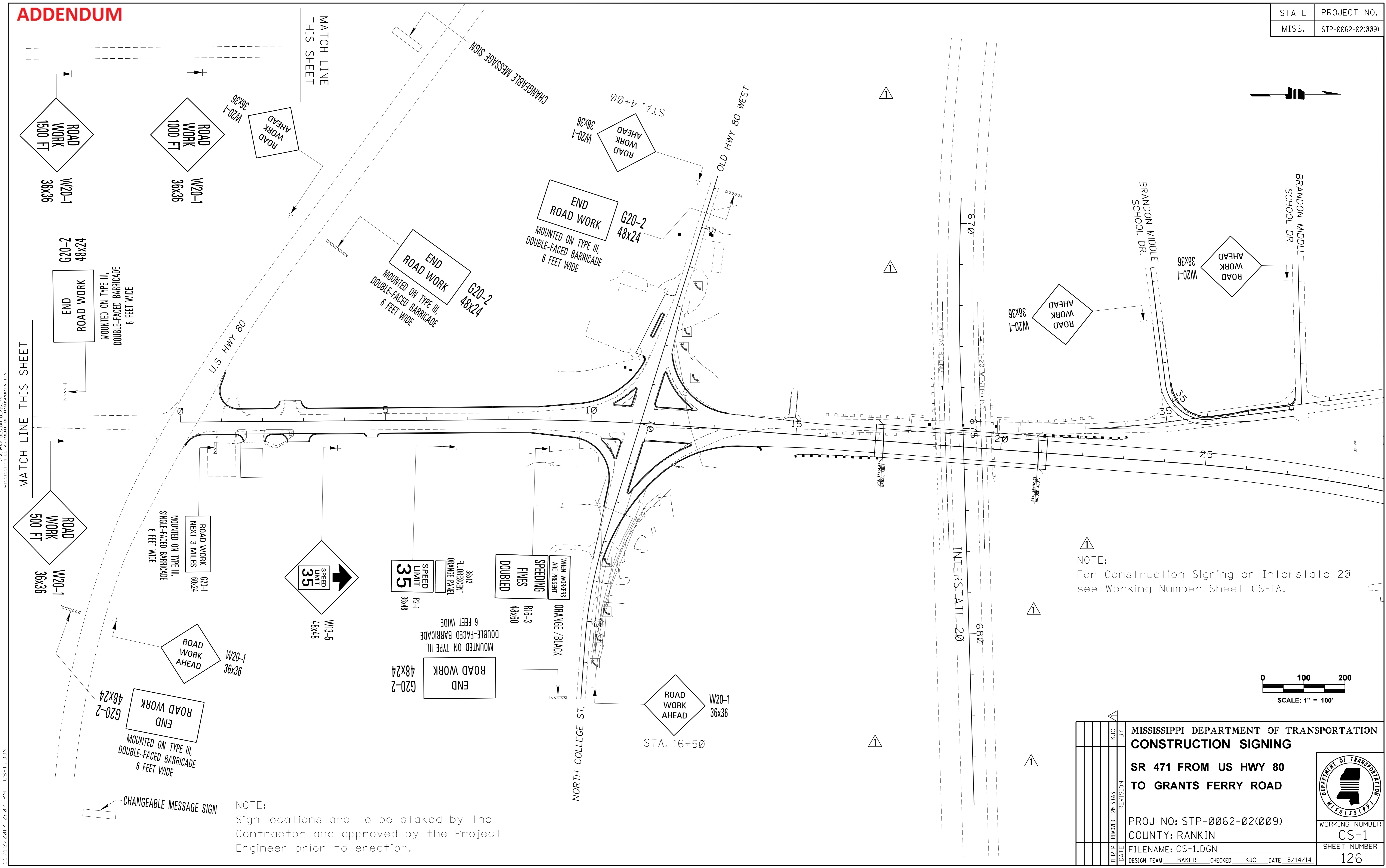
LIMITS OF STRIPING MATCH EXISTING STRIPING STA. 13+50

11/12/2014 2:07 PM PMD-2.DGN

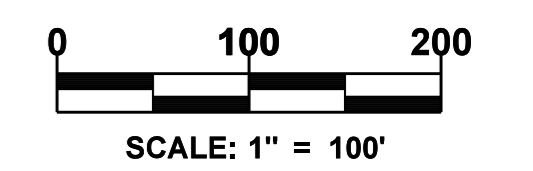
REMOVED RAMP ALIGNMENT		K.J.C.		BY	
DATE		11-12-14		REVISION	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>PAVEMENT MARKING DETAILS</b> SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD					
PROJ NO: STP-0062-02(009) COUNTY: RANKIN				WORKING NUMBER PMD-2	
FILENAME: PMD-2.DGN DESIGN TEAM: BAKER CHECKED: KJC DATE: 2014				SHEET NUMBER 101	

**ADDENDUM**

STATE	PROJECT NO.
MISS.	STP-0062-02(009)



NOTE:  
For Construction Signing on Interstate 20 see Working Number Sheet CS-1A.



NOTE:  
Sign locations are to be staked by the Contractor and approved by the Project Engineer prior to erection.

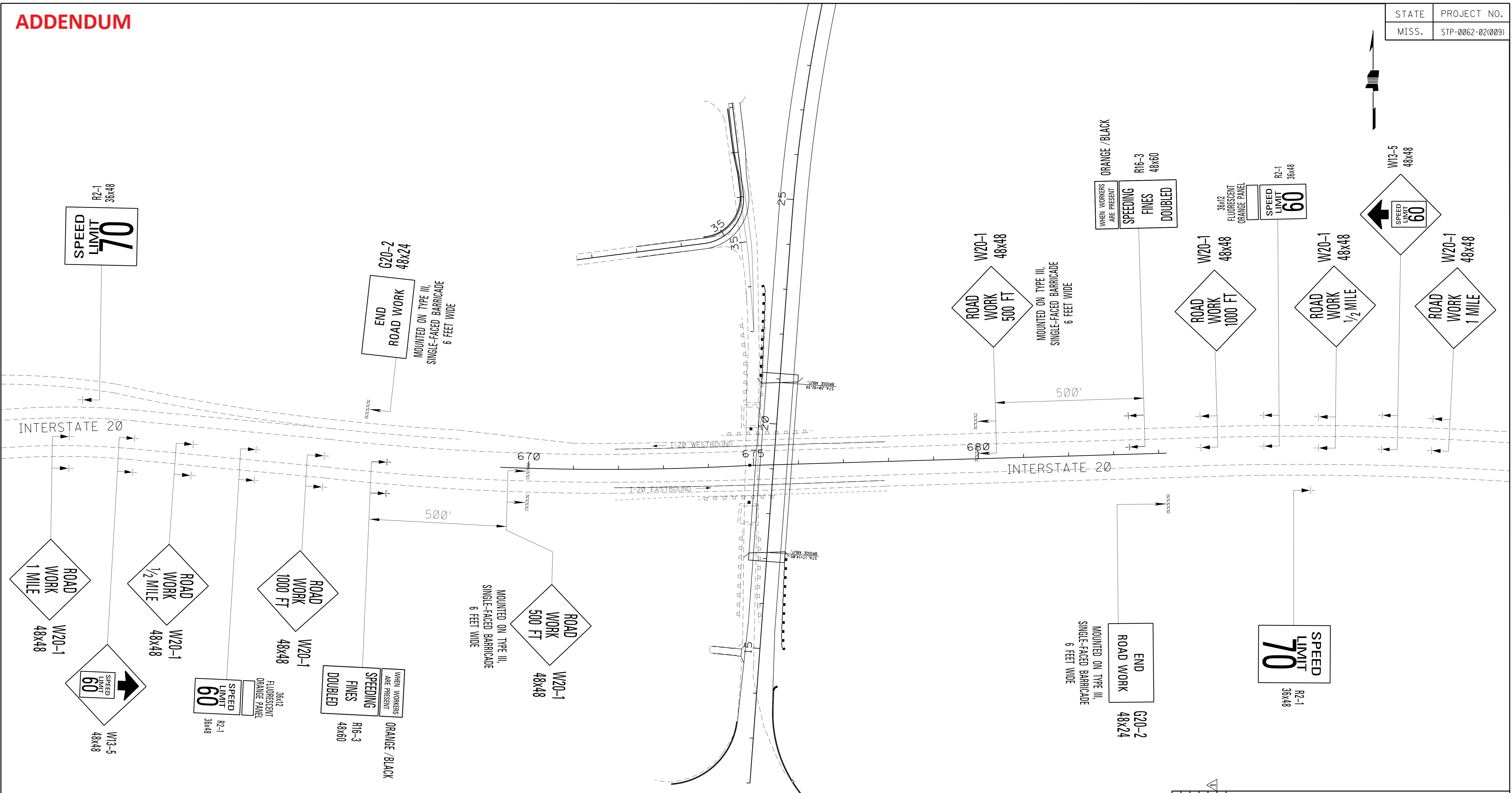
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
<b>CONSTRUCTION SIGNING</b>		
<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD</b>		
PROJ NO: STP-0062-02(009)		WORKING NUMBER
COUNTY: RANKIN		CS-1
FILENAME: CS-1.DGN		SHEET NUMBER
DESIGN TEAM: BAKER		126
REMOVED 1-20 SIGNS	BY: KJC	DATE: 11-12-14
REVISION	BY: KJC	DATE: 8/14/14

11/12/2014 2:07 PM CS-1.DGN

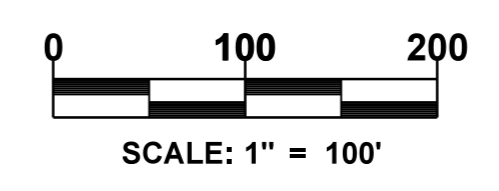
**ADDENDUM**


STATE	PROJECT NO.
MISS.	STP-0062-02(009)

ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION CS-1A.DGN 11/17/14 2:07 PM

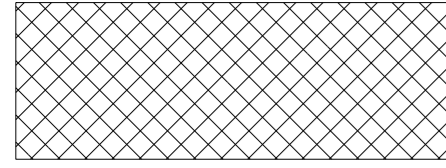


NOTES:  
 Sign locations are to be staked by the Contractor and approved by the Project Engineer prior to erection.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>CONSTRUCTION SIGNING</b>		
SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD		
PROJ NO: STP-0062-02(009) COUNTY: RANKIN	WORKING NUMBER CS-1A	SHEET NUMBER 126.1
FILENAME: CS-1A.DGN DESIGN TEAM: BAKER CHECKED: KJC DATE: 8/14/14	REVISION BY: K.J.C. DATE: 11-12-14	

**ADDENDUM**

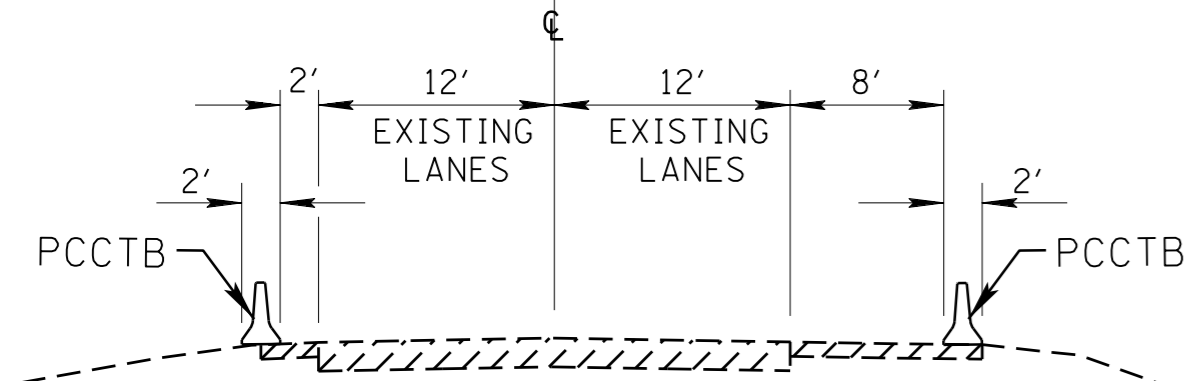
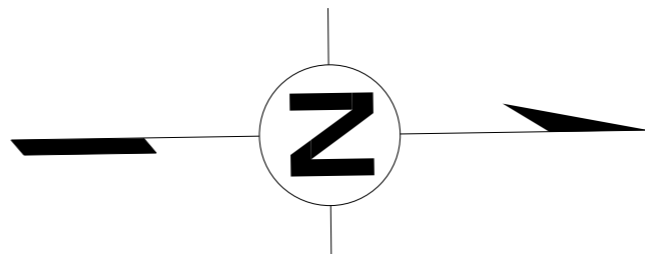


HATCHED AREA INDICATES AREA OF CONSTRUCTION PHASE 1.

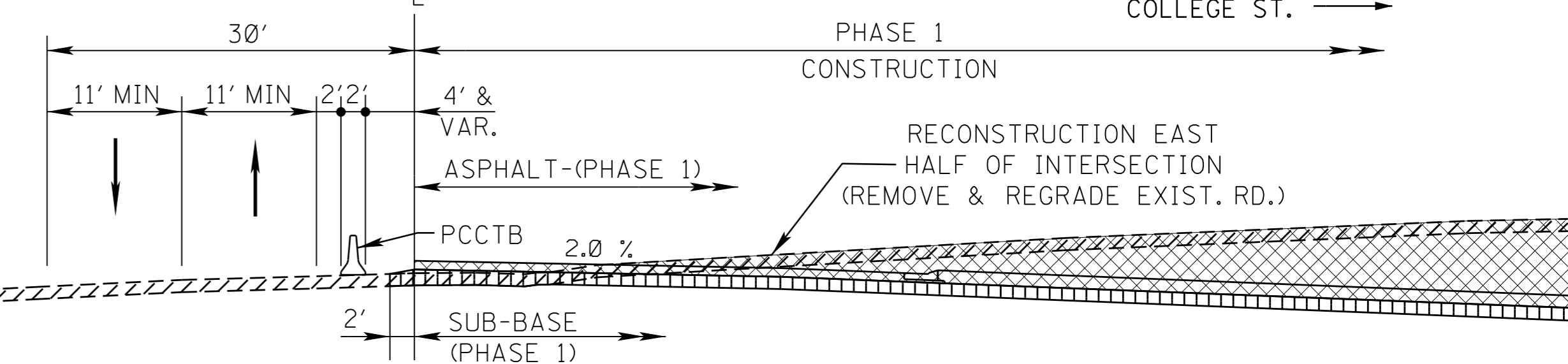
IA

INDICATES IMPACT ATTENUATOR

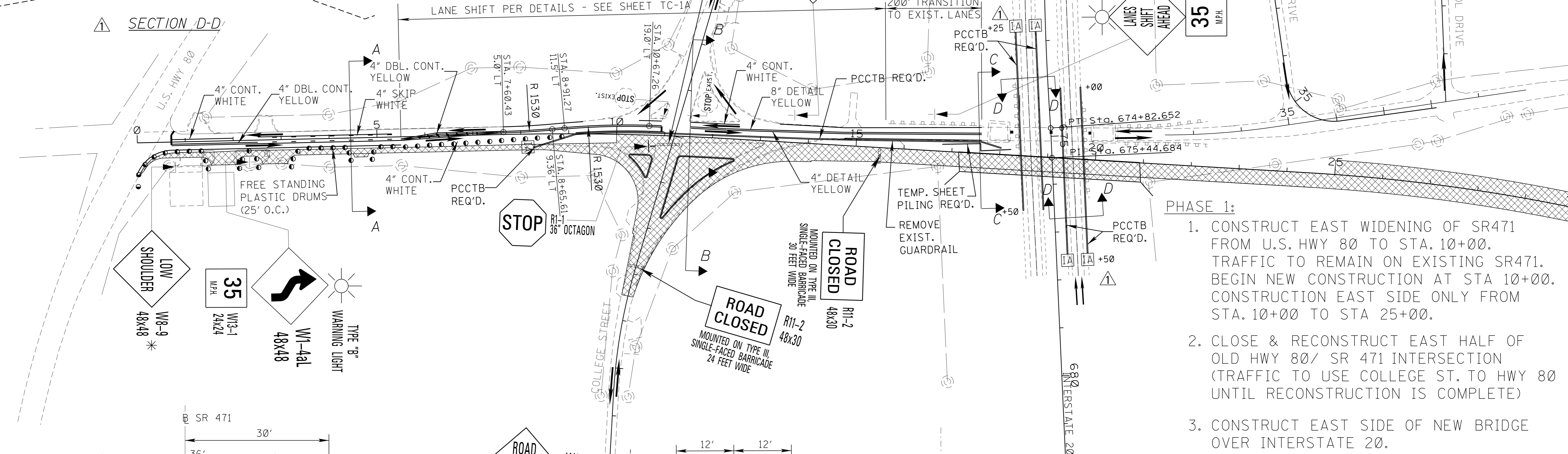
\* SEE WORKING NO. TCP-SC FOR SPACING OF W8-9 (LOW SHOULDER) SIGNS.



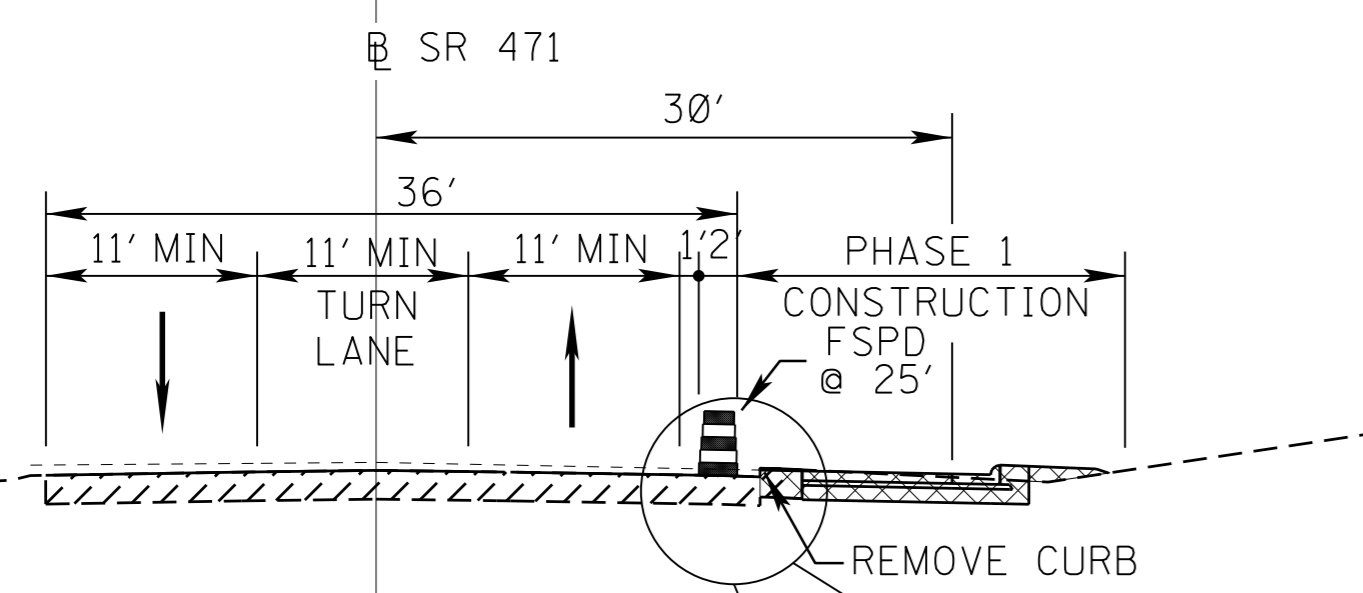
SECTION D-D



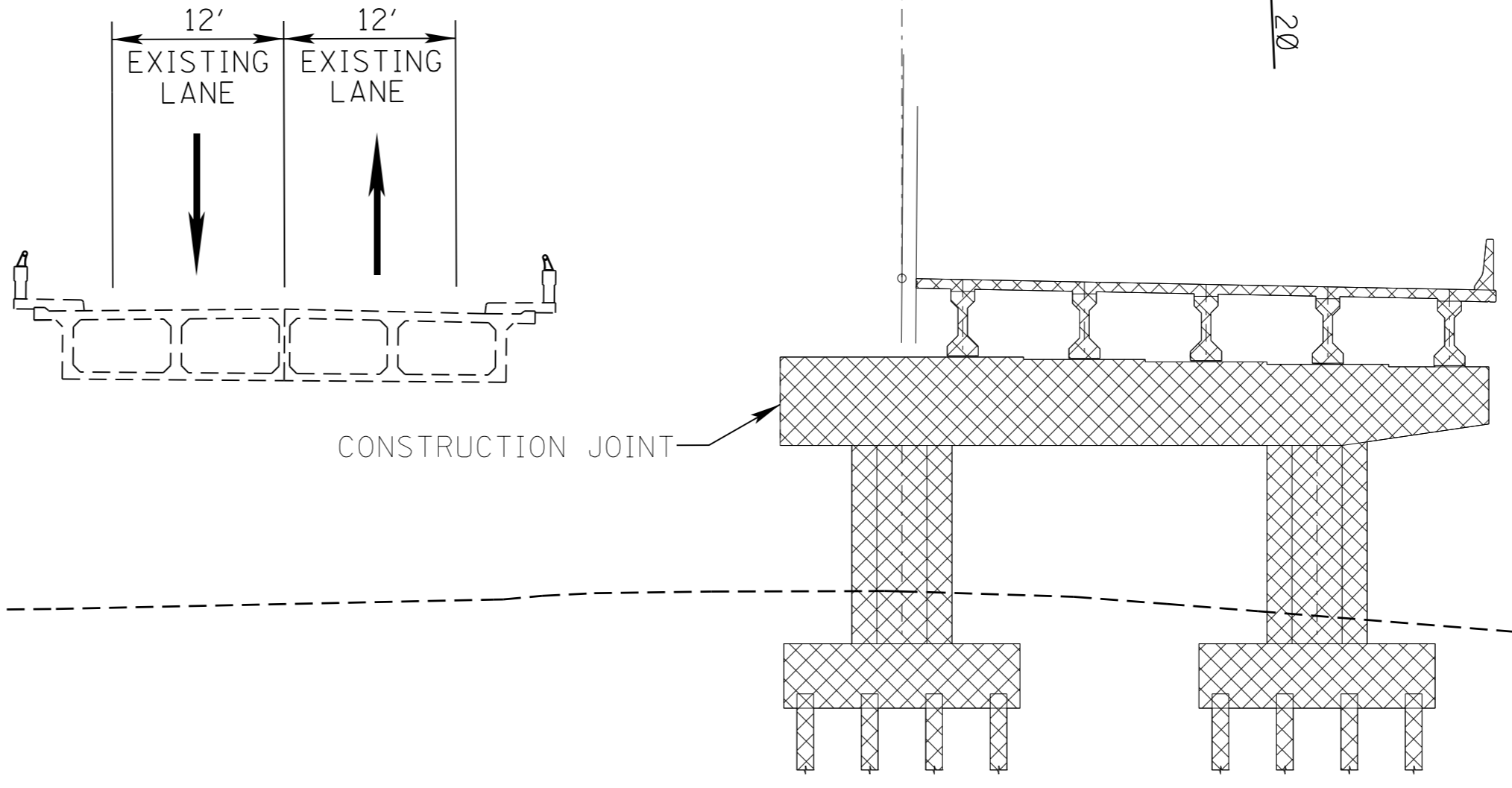
SECTION B-B



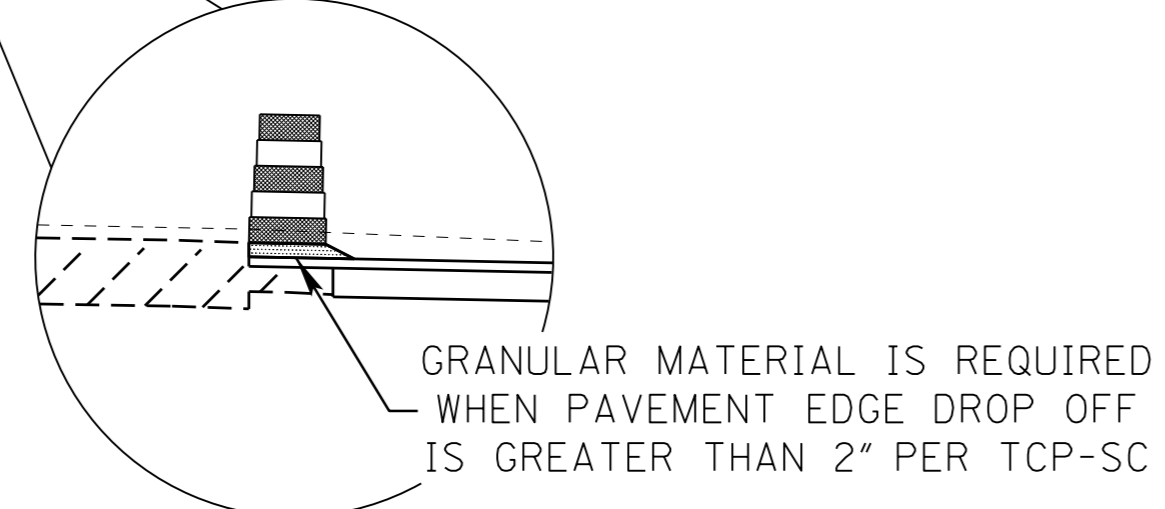
- PHASE 1:**
1. CONSTRUCT EAST WIDENING OF SR471 FROM U.S. HWY 80 TO STA. 10+00. TRAFFIC TO REMAIN ON EXISTING SR471. BEGIN NEW CONSTRUCTION AT STA 10+00. CONSTRUCTION EAST SIDE ONLY FROM STA. 10+00 TO STA 25+00.
  2. CLOSE & RECONSTRUCT EAST HALF OF OLD HWY 80/ SR 471 INTERSECTION (TRAFFIC TO USE COLLEGE ST. TO HWY 80 UNTIL RECONSTRUCTION IS COMPLETE)
  3. CONSTRUCT EAST SIDE OF NEW BRIDGE OVER INTERSTATE 20.
  4. BEGIN FULL WIDTH NEW CONSTRUCTION AT STA. 25+00.
  5. FOR DETOUR AT SR 471 & COLLEGE ST. SEE WORKING NO. TC1-1B



SECTION A-A



SECTION C-C



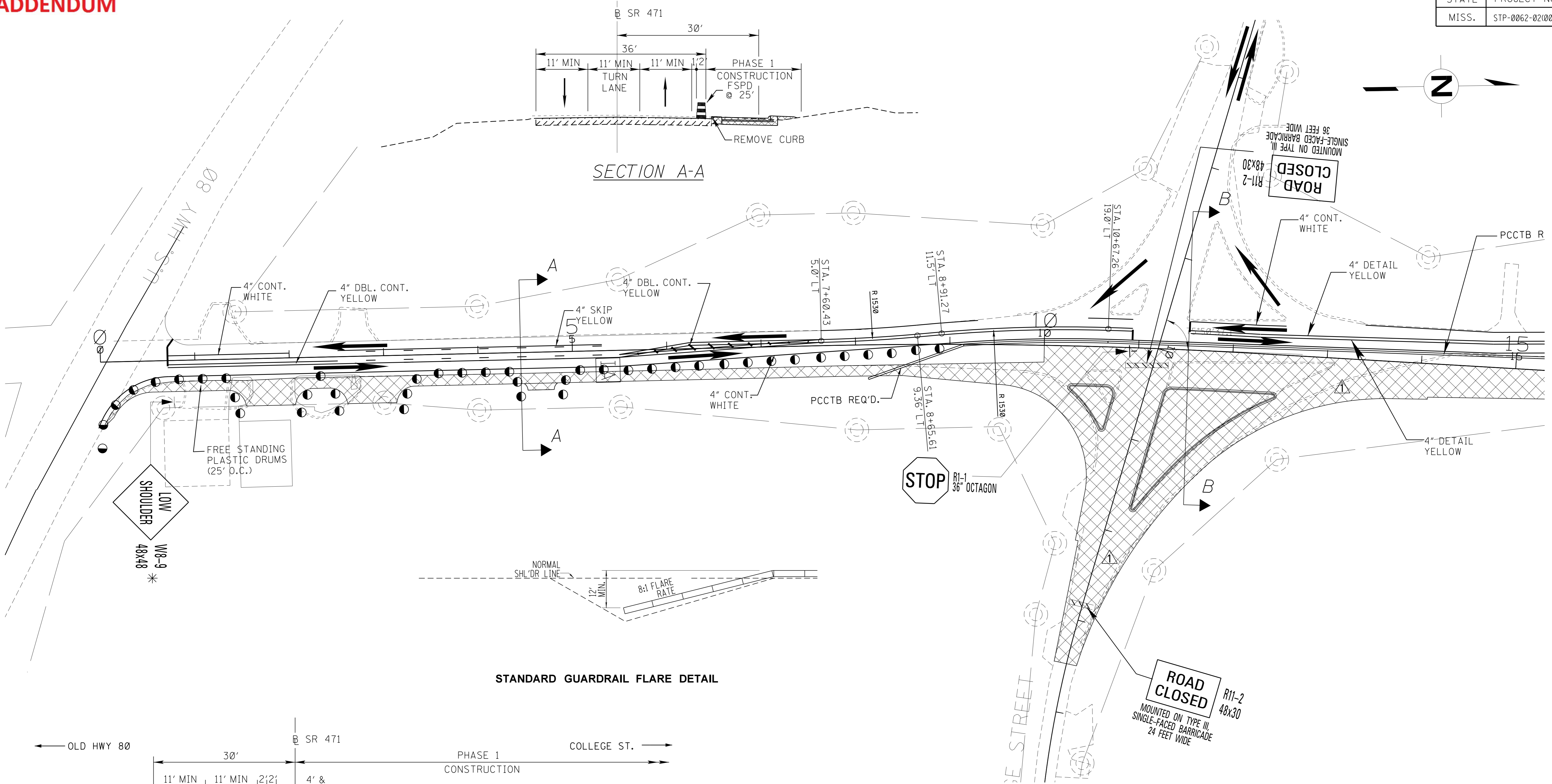
GRANULAR MATERIAL IS REQUIRED WHEN PAVEMENT EDGE DROP OFF IS GREATER THAN 2" PER TCP-SC

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TRAFFIC CONTROL PLAN</b>	
<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD</b>	
<b>PHASE 1</b>	
PROJ NO: STP-0062-02(009)	
COUNTY: RANKIN	
FILENAME: TC1-1.DGN	
DESIGN TEAM	BAKER CHECKED KJC DATE 8/14/14
DATE	
ADDED BARRIERS TO I-20	
REVISION	
BY	
KJC	

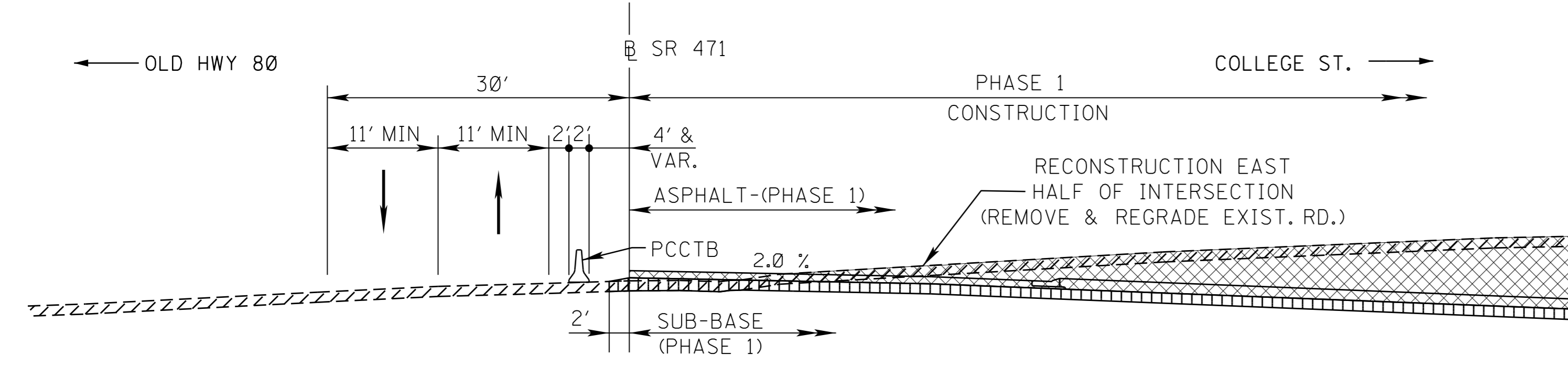
WORKING NUMBER	TC1-1
SHEET NUMBER	132



11/12/2014 2:07 PM TC1-1.DGN



**STANDARD GUARDRAIL FLARE DETAIL**



**SECTION B-B**

\* SEE WORKING NO. TCP-SC FOR SPACING OF W8-9 (LOW SHOULDER) SIGNS.

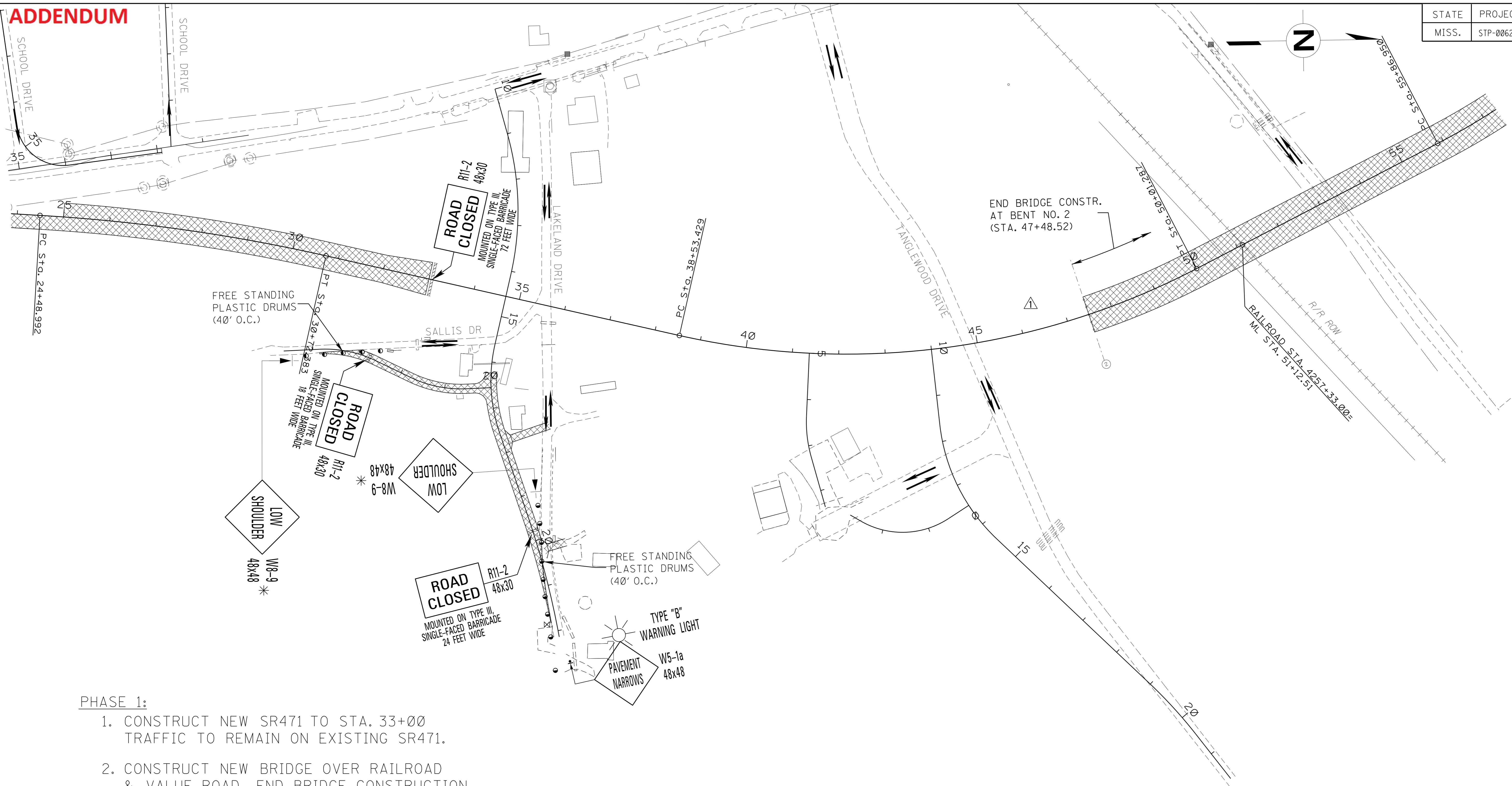
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TRAFFIC CONTROL PLAN</b>	
<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD</b>	
<b>PHASE 1</b>	
PROJ NO: STP-0062-02(009)	
COUNTY: RANKIN	
FILENAME: TC1-1A.DGN	
DESIGN TEAM	BAKER CHECKED KJC DATE 8/14/14
REMOVED RAMP ALIGNMENT	REVISION
DATE	BY
11-12-14	KJC



WORKING NUMBER  
**TC1-1A**  
SHEET NUMBER  
**133**

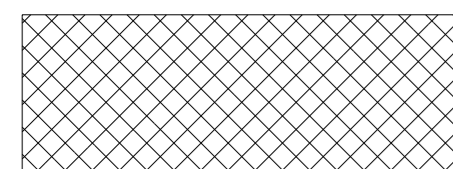
11/12/2014 2:07 PM TC1-1A.DGN

**ADDENDUM**



**PHASE 1:**

1. CONSTRUCT NEW SR471 TO STA. 33+00  
TRAFFIC TO REMAIN ON EXISTING SR471.
2. CONSTRUCT NEW BRIDGE OVER RAILROAD  
& VALUE ROAD. END BRIDGE CONSTRUCTION  
AT BENT NO. 2. END SPAN TO BE BUILT IN  
PHASE 3.
3. CONSTRUCT PART OF RELOCATED  
SILLAS ROAD AND LAKELAND DRIVE.



HATCHED AREA INDICATES AREA OF CONSTRUCTION PHASE 1.

\* SEE WORKING NO. TCP-SC FOR SPACING OF W8-9 (LOW SHOULDER) SIGNS.

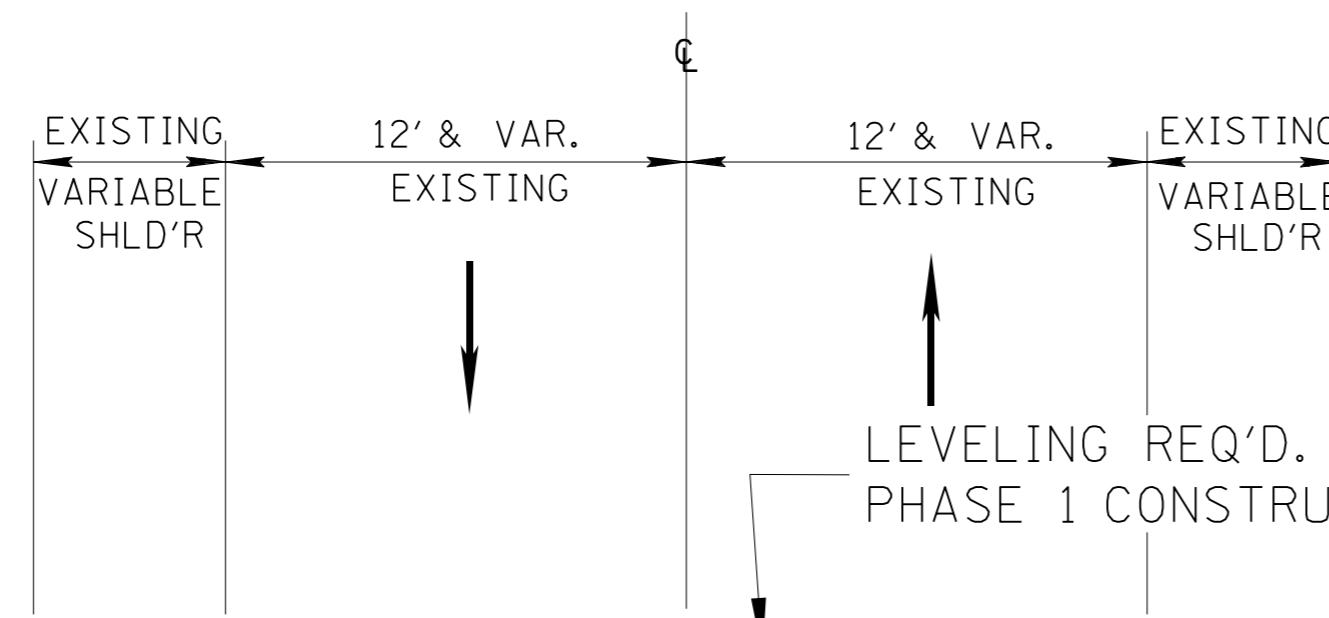
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TRAFFIC CONTROL PLAN</b>	
<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD</b>	
<b>PHASE 1</b>	
PROJ NO: STP-0062-02(009)	
COUNTY: RANKIN	
FILENAME: TC1-2.DGN	
DESIGN TEAM	BAKER CHECKED KJC DATE 8/14/14
REMOVED CONSTRUCTION MOUND	BY KJC
REVISION	DATE
11-12-14	

WORKING NUMBER	TC1-2
SHEET NUMBER	135

NOTE:  
LEVELING TO BE USED TO CORRECT  
SUPERELEVATIONS ALSO.

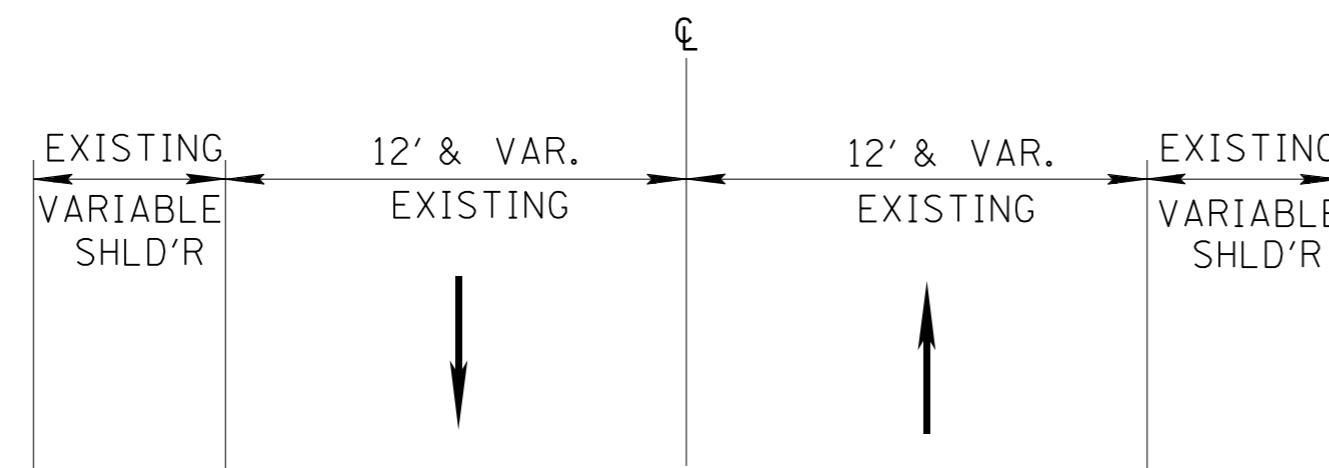
① ⑨ GEOTEXTILE FILTER FABRIC, TYPE V, NON-WOVEN, REQ'D.

INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE  
VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1



LEVELING REQ'D. PRIOR TO BEGINNING  
PHASE 1 CONSTRUCTION WIDENING  
VARIABLE DEPTH GRANULAR MATERIAL  
(CLASS 5/E) REQ'D.

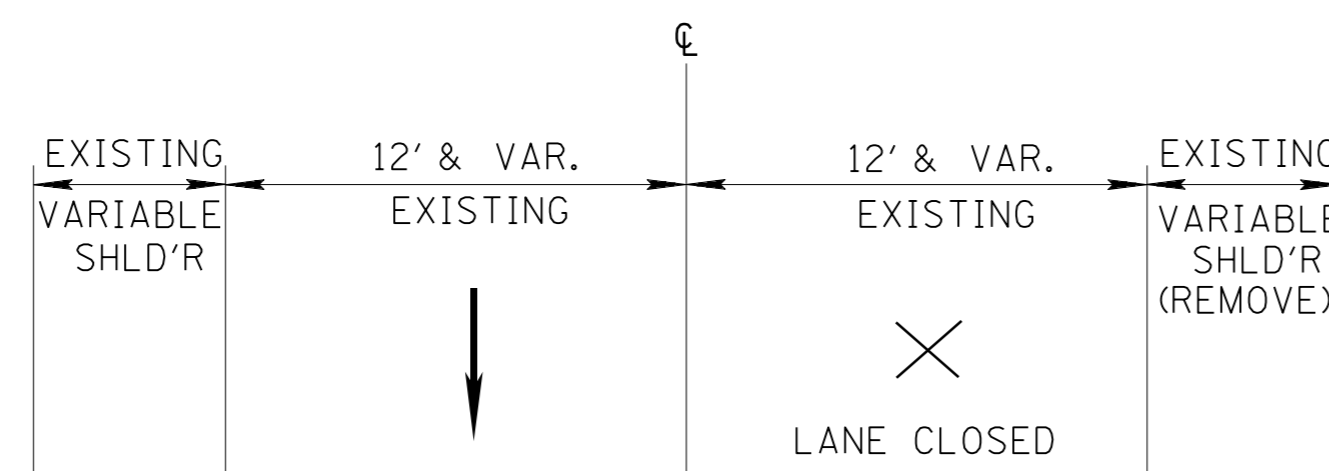
TYPICAL SECTION  
SR471 - PHASE 1A



SUBGRADE | B15 BORROW

NOTE:  
CONSTRUCT EAST SIDE UP TO  
SUBGRADE WITHOUT DISTURBING  
EXISTING SHOULDER.

TYPICAL SECTION  
SR471 - PHASE 1B



REMOVE EAST SIDE EXISTING SHOULDER  
DOWN TO SUBGRADE AND PLACE  
GEOTEXTILE FABRIC, TYPE V UNDER  
LANE CLOSURE.

SUBGRADE | B15 BORROW

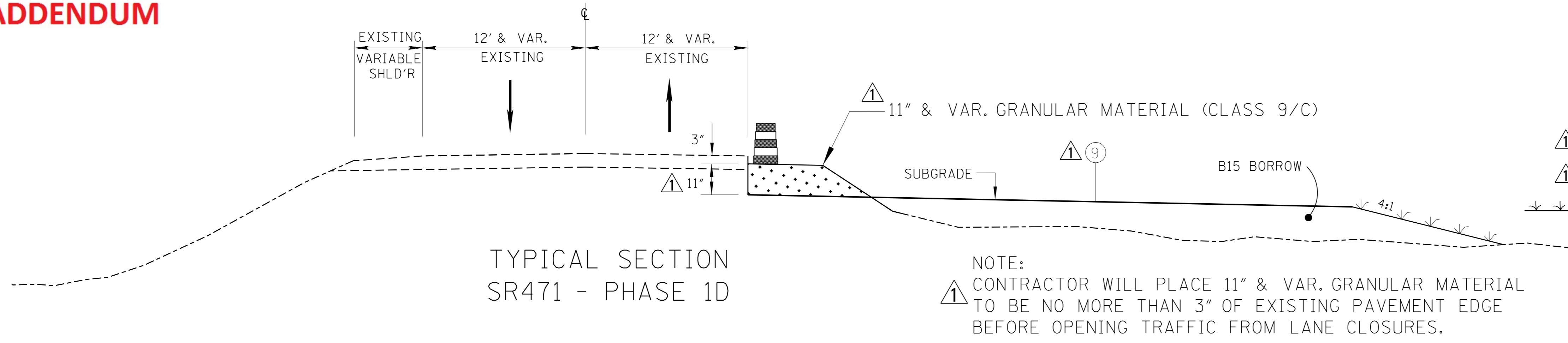
TYPICAL SECTION  
SR471 - PHASE 1C

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TYPICAL SECTIONS</b>	
<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD PHASE 1</b>	
PROJ NO: STP-0062-02(009)	
COUNTY: RANKIN	
WORKING NUMBER	TC1-6A
FILENAME: TC1-6A.DGN	SHEET NUMBER
DESIGN TEAM: BAKER	CHECKED: KJC
DATE: 8/14/14	140

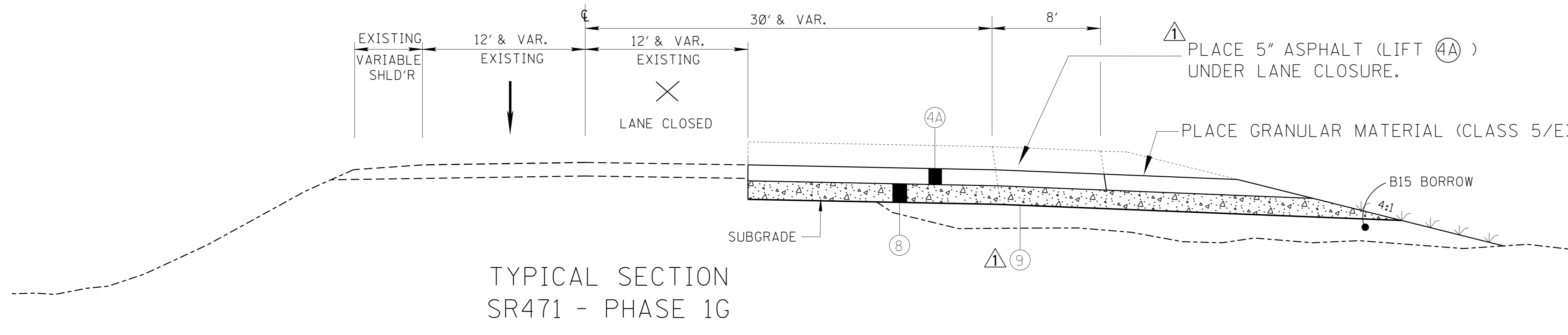
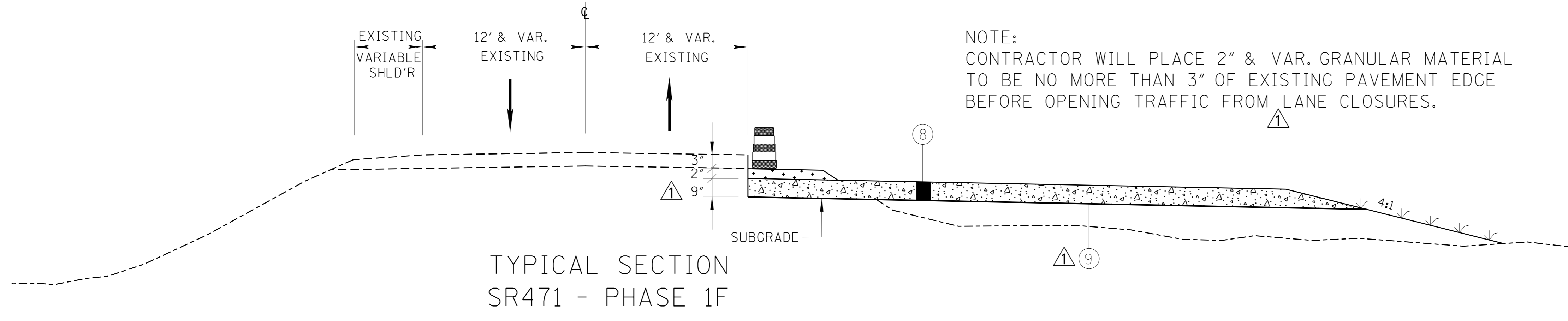
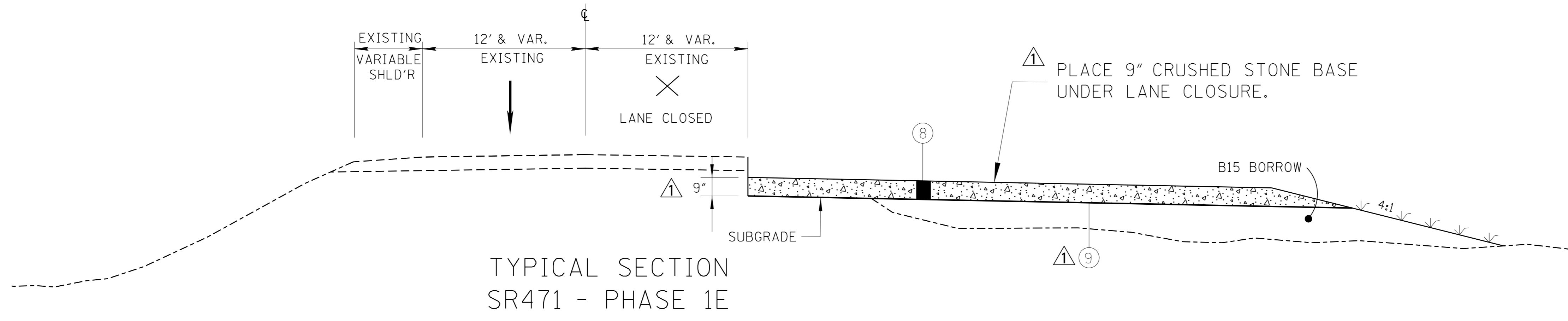
11/13/2014 9:09 AM TC1-6A.DGN

**ADDENDUM**

STATE	PROJECT NO.
MISS.	STP-0062-02(009)



- Ⓐ 5" HOT MIX ASPHALT OR WMA, ST (19 MM MIX) (2 @ 2½") (RIGHT SIDE OF SR471 ONLY)
- ⚠️ 8 9" CRUSHED STONE BASE REQ'D.
- ⚠️ 9 GEOTEXTILE FILTER FABRIC, TYPE V, NON-WOVEN, REQ'D.
- INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1



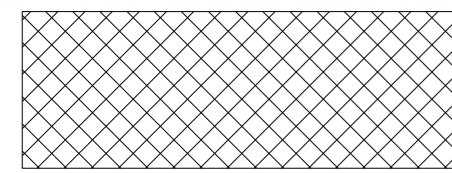
11/12/2014 2:07 PM TC1-6B.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TYPICAL SECTIONS</b>	
<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD</b>	
<b>PHASE 1</b>	
PROJ NO: STP-0062-02(009)	
COUNTY: RANKIN	
FILENAME: TC1-6B.DGN	WORKING NUMBER TC1-6B
DESIGN TEAM: BAKER	CHECKED: KJC
DATE: 8/14/14	SHEET NUMBER 141

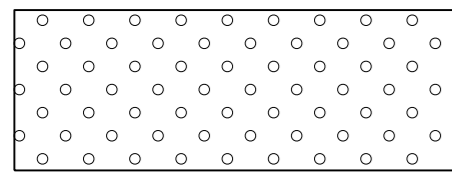




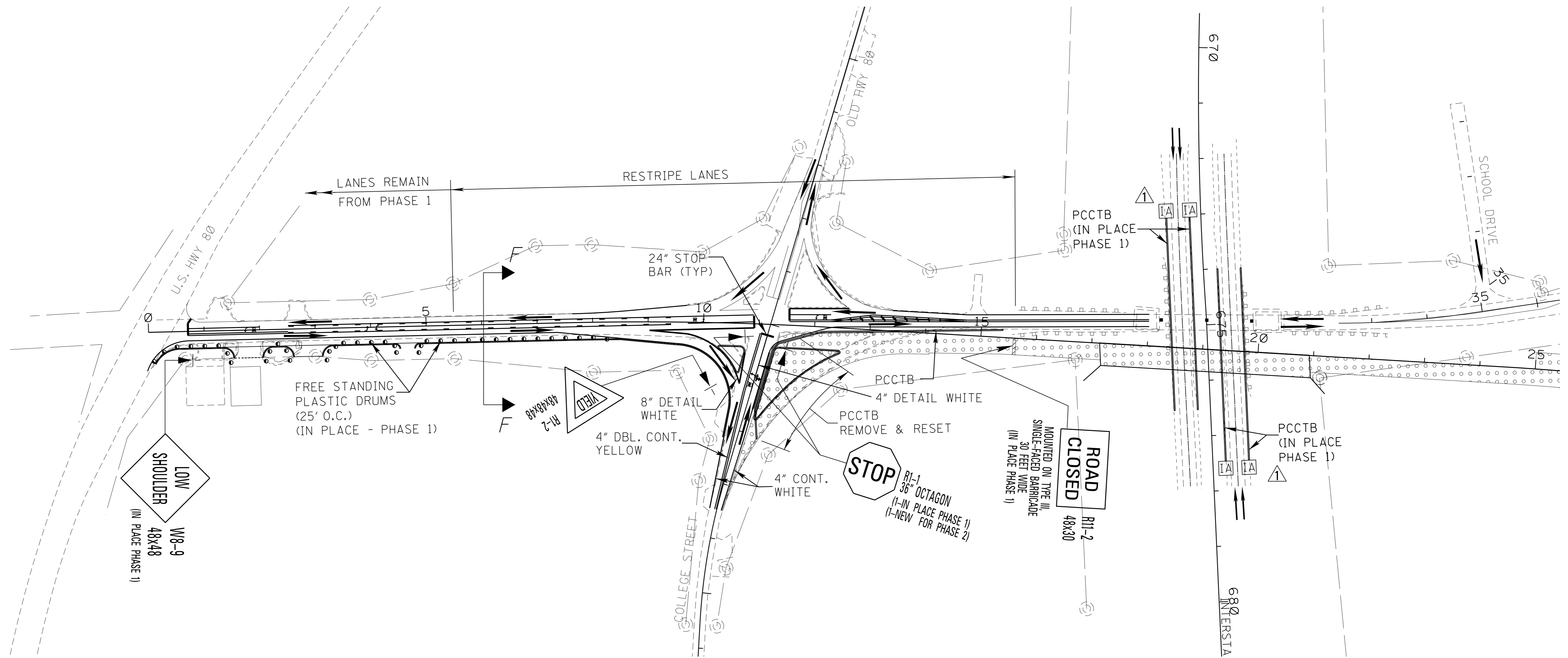
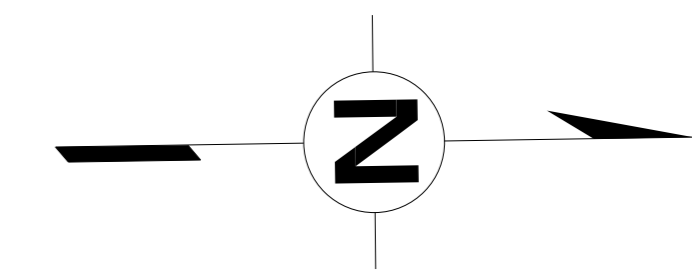
**ADDENDUM**



HATCHED AREA INDICATES AREA OF CONSTRUCTION PHASE 2.

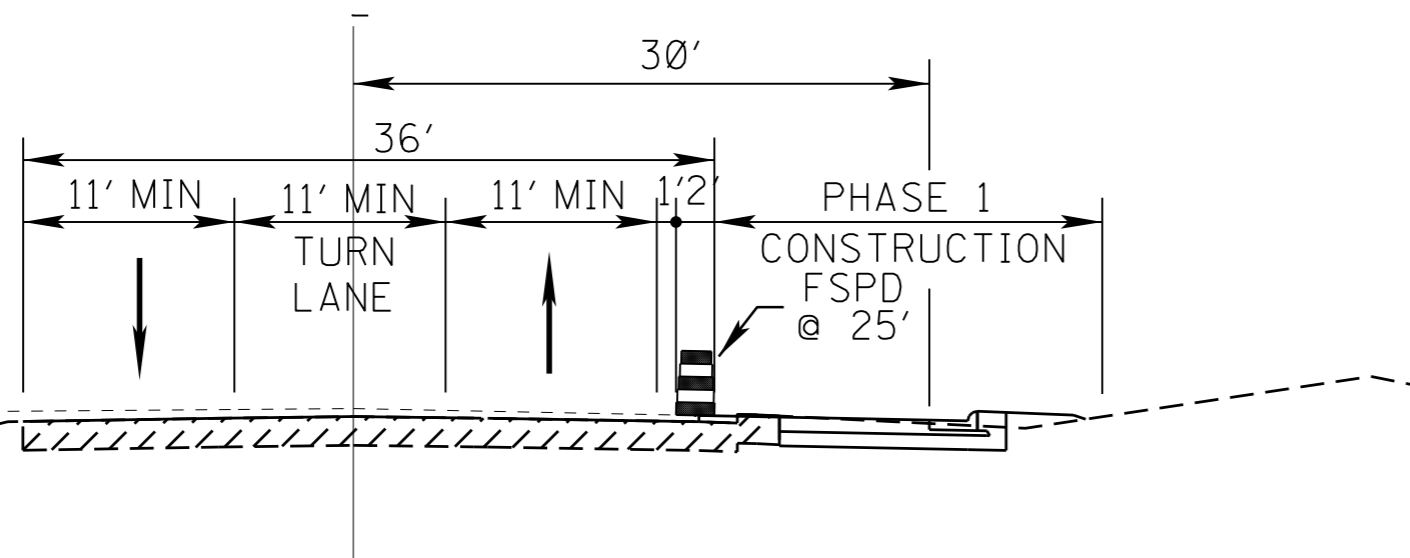


HATCHED AREA INDICATES AREA CONSTRUCTED IN PHASE 1.



**PHASE 2:**

1. REOPEN OLD HWY 80 (COLLEGE ST.) / SR 471 INTERSECTION PER DETAILS THIS SHEET.
2. TRAFFIC TO REMAIN ON EXISTING SR471.

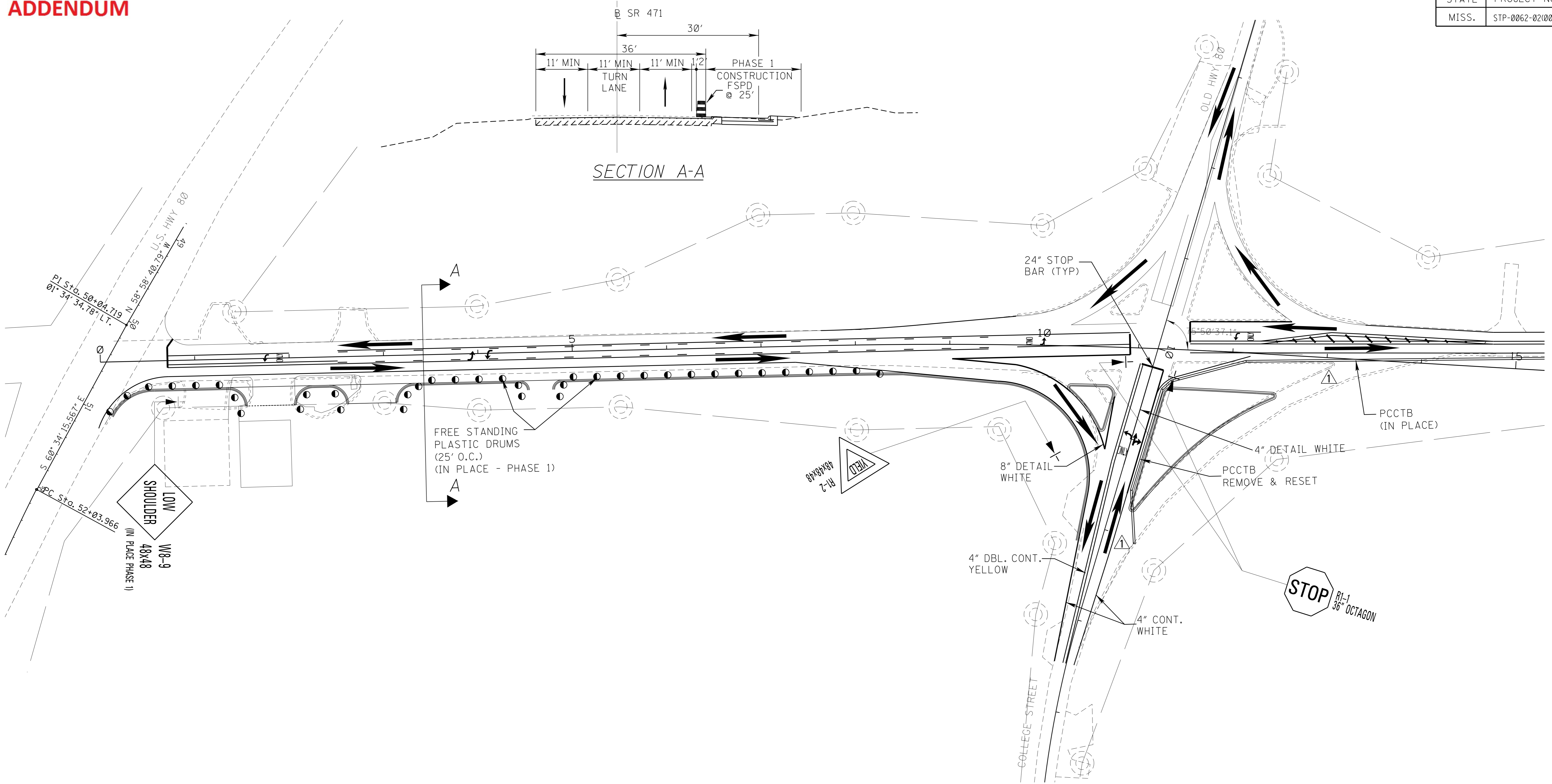


SECTION F-F

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
TRAFFIC CONTROL PLAN		
PHASE 2		PROJ NO: STP-0062-02(009) COUNTY: RANKIN WORKING NUMBER TC2-1
HWY 471		
11-12-14 DATE	BAKER DESIGN TEAM	8/14/14 DATE
FILENAME: TC2-1.DGN		SHEET NUMBER 142

**ADDENDUM**

STATE	PROJECT NO.
MISS.	STP-0062-02(009)



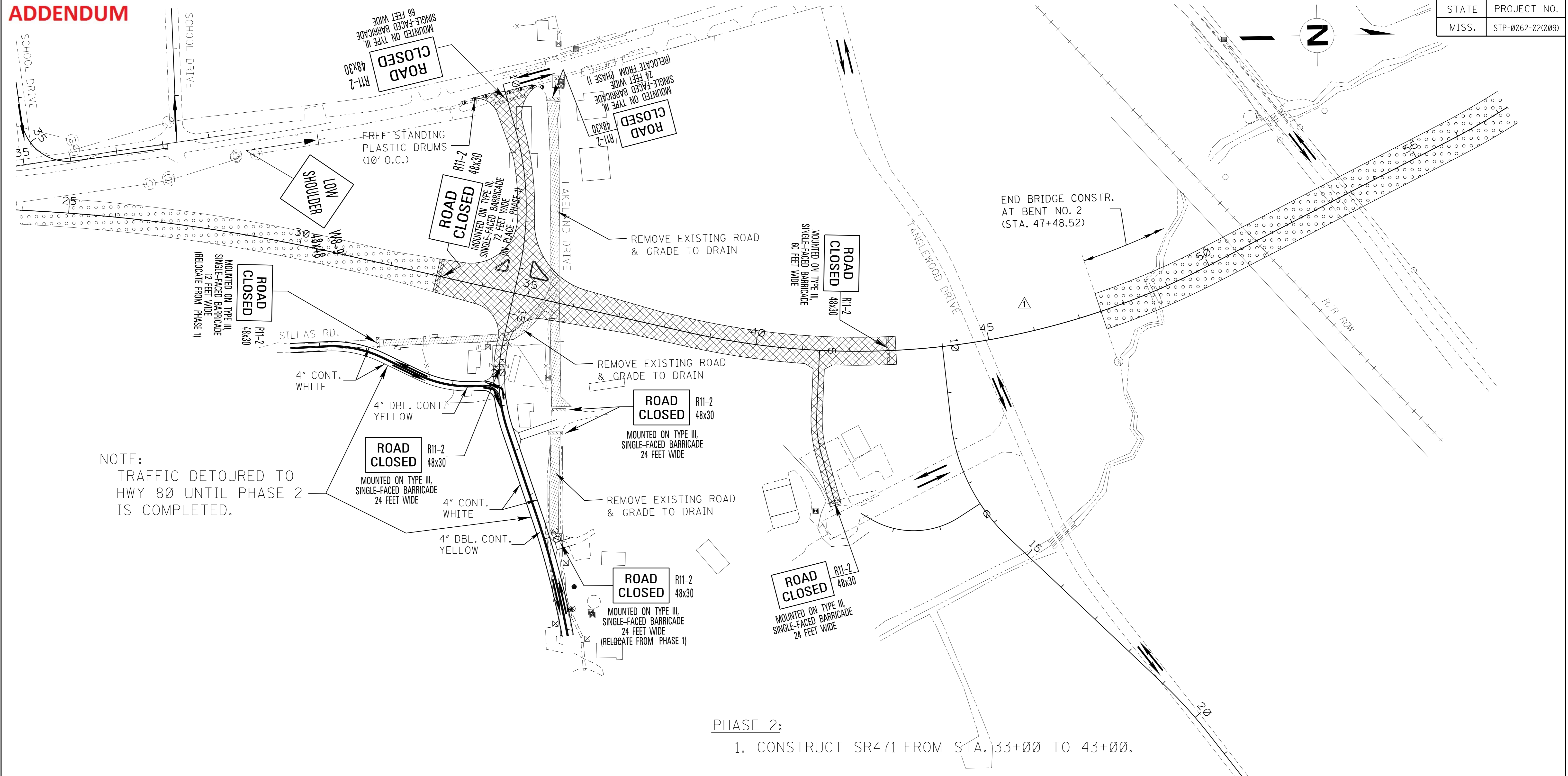
11/12/2014 2:07 PM TC2-1A.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TRAFFIC CONTROL PLAN</b>	
<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD</b>	
<b>PHASE 2</b>	
PROJ NO: STP-0062-02(009)	
COUNTY: RANKIN	
FILENAME: TC2-1A.DGN	
DESIGN TEAM	BAKER CHECKED KJC DATE 8/14/14
REMOVED RAMP ALIGNMENT	REVISION
DATE	BY
11-12-14	KJC

WORKING NUMBER	TC2-1A
SHEET NUMBER	143



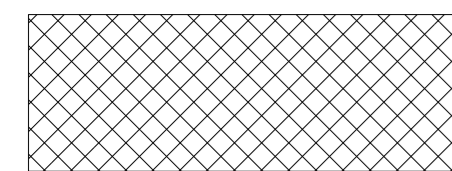
**ADDENDUM**



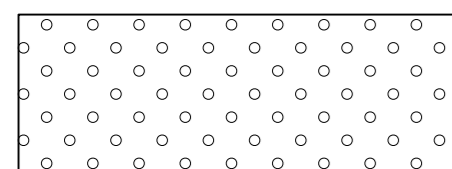
NOTE:  
TRAFFIC DETOURED TO  
HWY 80 UNTIL PHASE 2  
IS COMPLETED.

**PHASE 2:**

1. CONSTRUCT SR471 FROM STA. 33+00 TO 43+00.
2. CONSTRUCT REMAINDER OF NEW LAKELAND DR.
3. SHIFT TRAFFIC FROM EXISTING SILLAS RD. AND EXISTING LAKELAND DR. TO RELOCATED SILLAS RD. AND LAKELAND DR. EXISTING TRAFFIC DETOURED TO HWY 80 UNTIL PHASE 2 IS COMPLETED. FOR DETAILS OF DETOUR SEE SHEET NO TC2-2A.
4. TRAFFIC TO REMAIN ON EXISTING SR471 AND TANGLEWOOD DR. THIS PHASE.



HATCHED AREA INDICATES AREA OF CONSTRUCTION PHASE 2.



HATCHED AREA INDICATES AREA CONSTRUCTED IN PHASE 1.

REMOVED CONSTRUCTION MOUND		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DATE		K.J.C.		TRAFFIC CONTROL PLAN	
11-12-14		K.J.C.		PHASE 2	
DESIGN TEAM		BAKER		HWY 471	
CHECKED		K.J.C.		PROJ NO: STP-0062-02(009)	
DATE		8/14/14		COUNTY: RANKIN	
FILENAME: TC2-2.DGN				WORKING NUMBER	
				TC2-2	
				SHEET NUMBER	
				144	

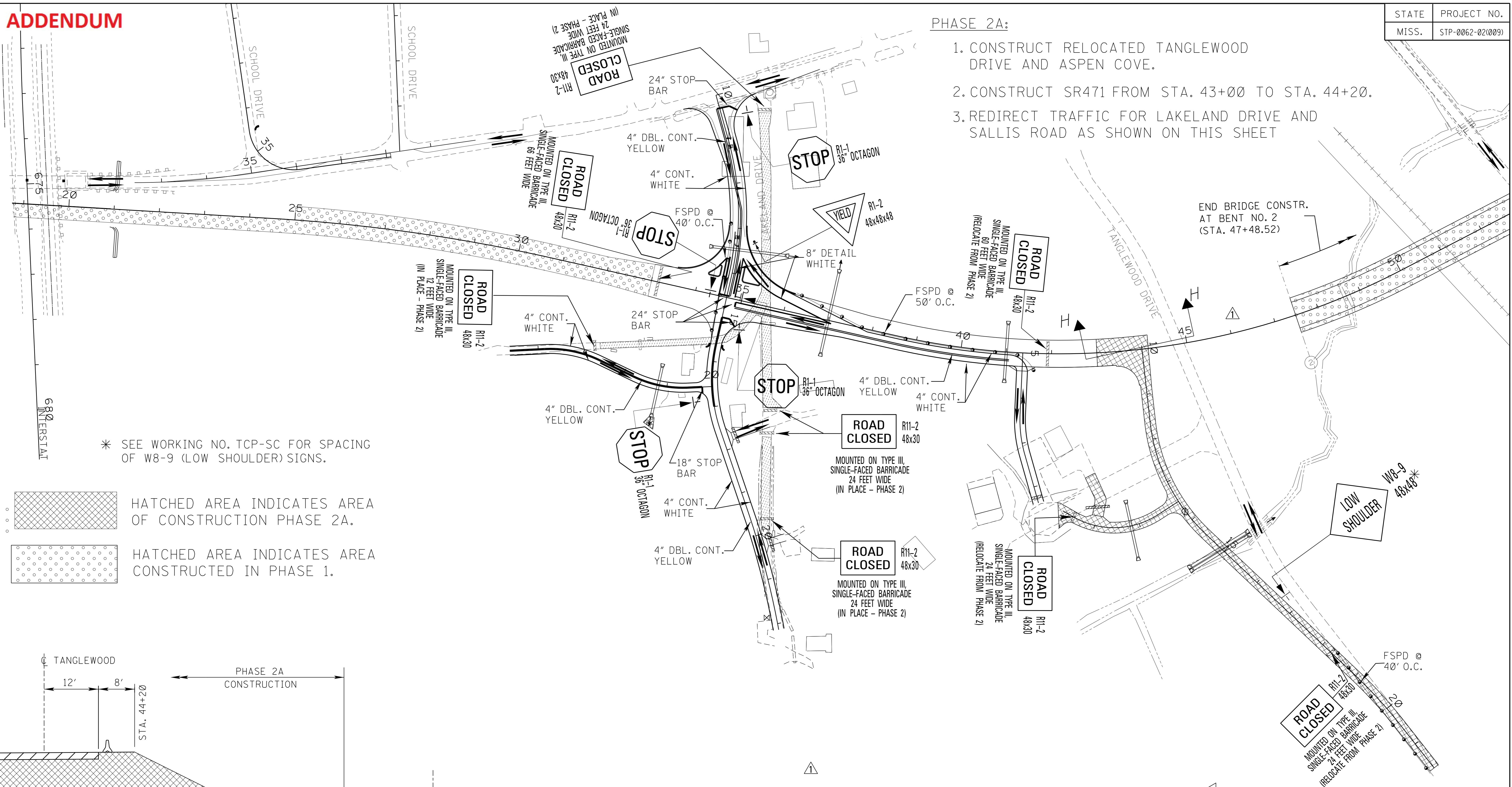
11/12/2014 2:07 PM TC2-2.DGN

**ADDENDUM**

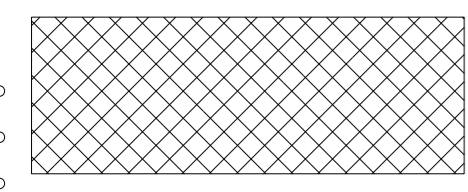
STATE	PROJECT NO.
MISS.	STP-0062-02(009)

**PHASE 2A:**

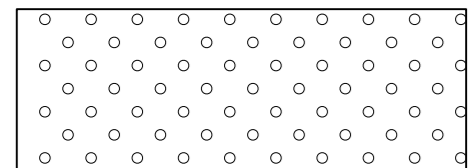
1. CONSTRUCT RELOCATED TANGLEWOOD DRIVE AND ASPEN COVE.
2. CONSTRUCT SR471 FROM STA. 43+00 TO STA. 44+20.
3. REDIRECT TRAFFIC FOR LAKELAND DRIVE AND SALLIS ROAD AS SHOWN ON THIS SHEET



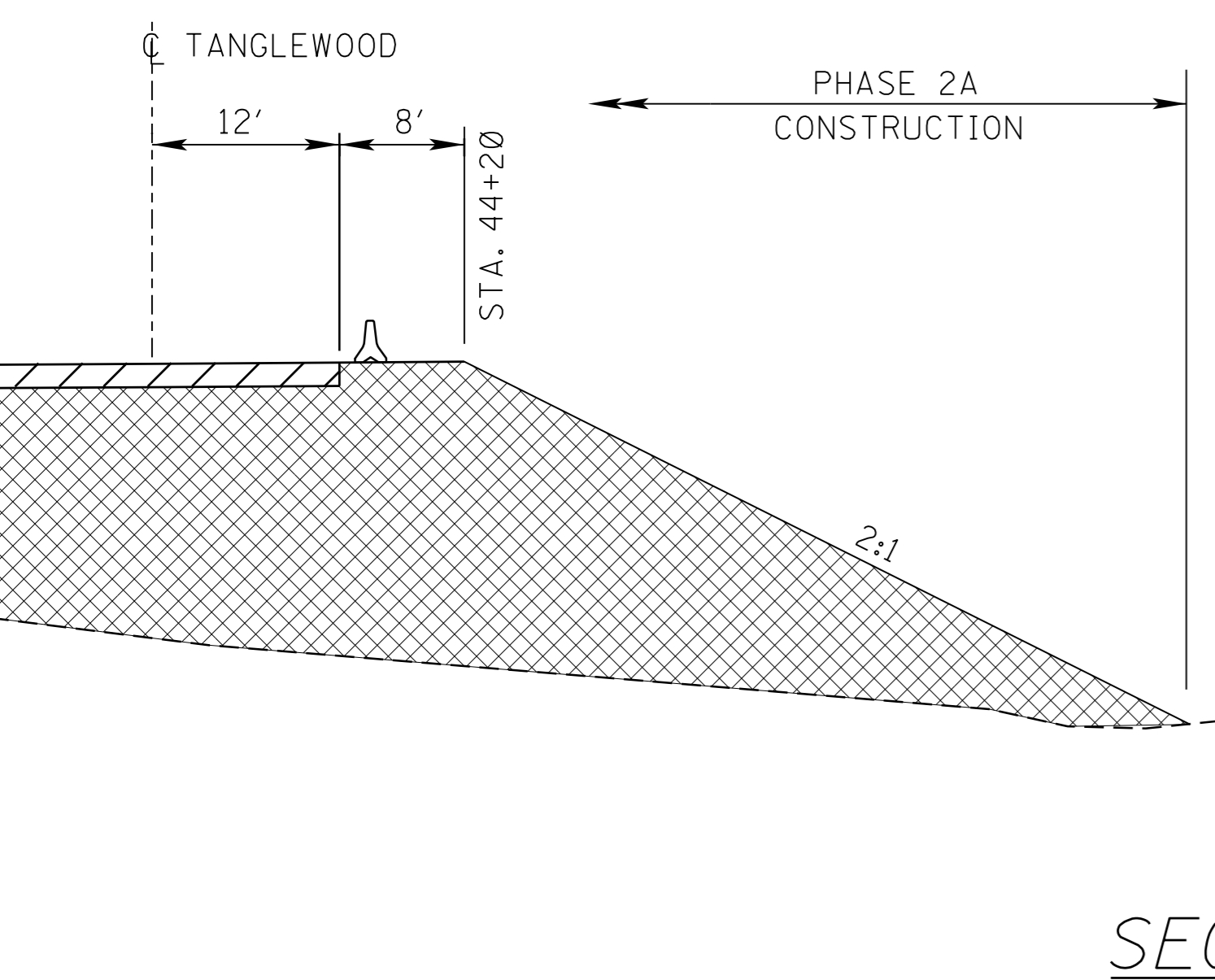
\* SEE WORKING NO. TCP-SC FOR SPACING OF W8-9 (LOW SHOULDER) SIGNS.



HATCHED AREA INDICATES AREA OF CONSTRUCTION PHASE 2A.



HATCHED AREA INDICATES AREA CONSTRUCTED IN PHASE 1.

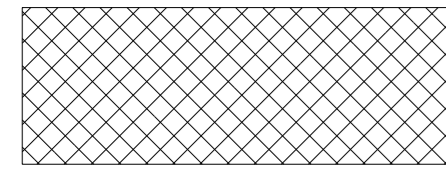


**SECTION H-H**

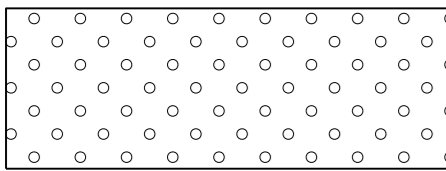
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TRAFFIC CONTROL PLAN</b>	
<b>SR 471 FROM US HWY 80 TO GRANTS FERRY ROAD</b>	
<b>PHASE 2A</b>	
PROJ NO: STP-0062-02(009)	
COUNTY: RANKIN	
11-12-14	FILENAME: TC2A-1.DGN
DATE	DESIGN TEAM BAKER CHECKED KJC DATE 8/14/14
REMOVED CONSTRUCTION	BY KJC
REVISION	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
WORKING NUMBER	
TC2A-1	
SHEET NUMBER	
150	

11/12/2014 2:07 PM TC2A-1.DGN

**ADDENDUM**

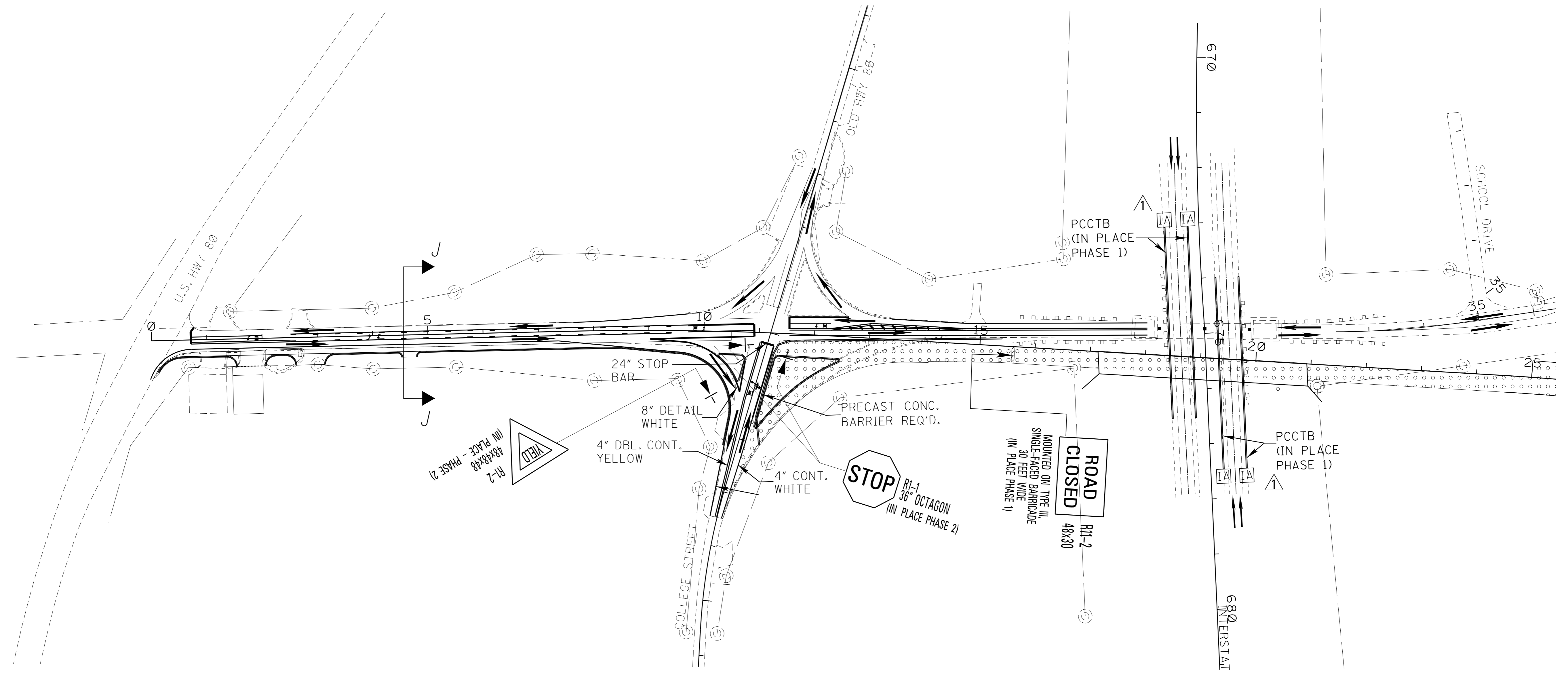
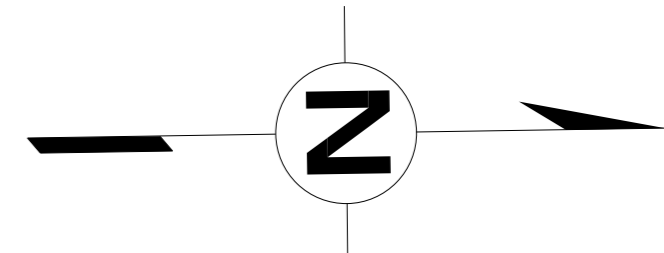


HATCHED AREA INDICATES AREA OF CONSTRUCTION PHASE 3.

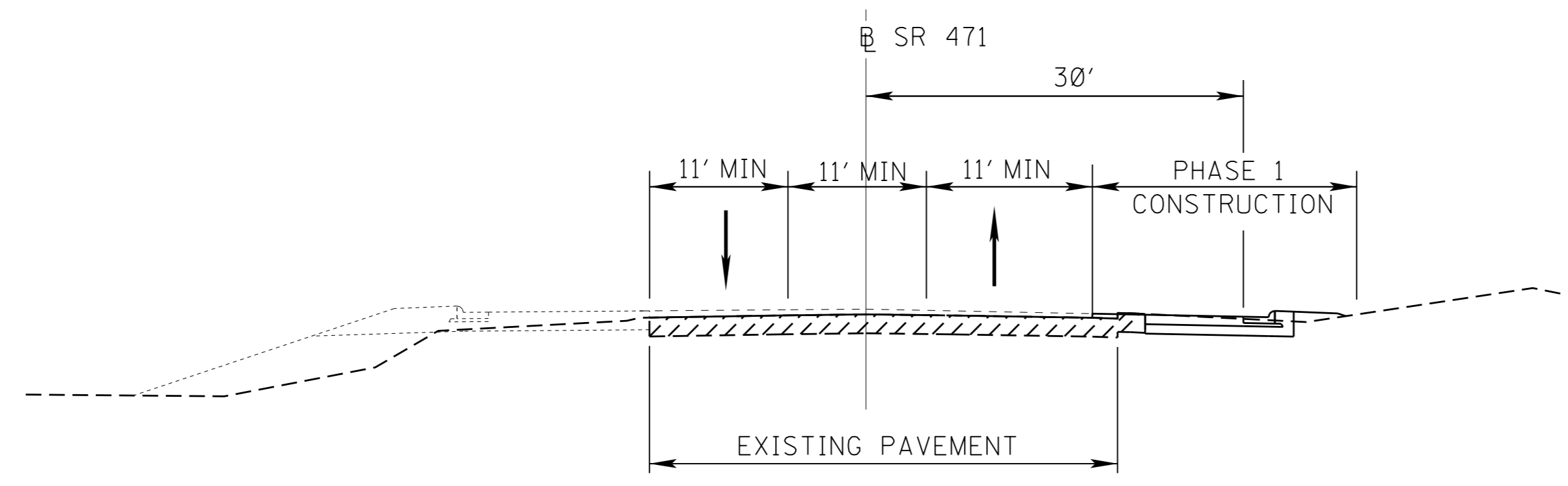


HATCHED AREA INDICATES AREA CONSTRUCTED IN PHASE 1.

STATE	PROJECT NO.
MISS.	STP-0062-02(009)



PHASE 3:  
 1. TRAFFIC TO REMAIN ON EXISTING SR471  
 IN SAME POSITION AS PHASE 2.

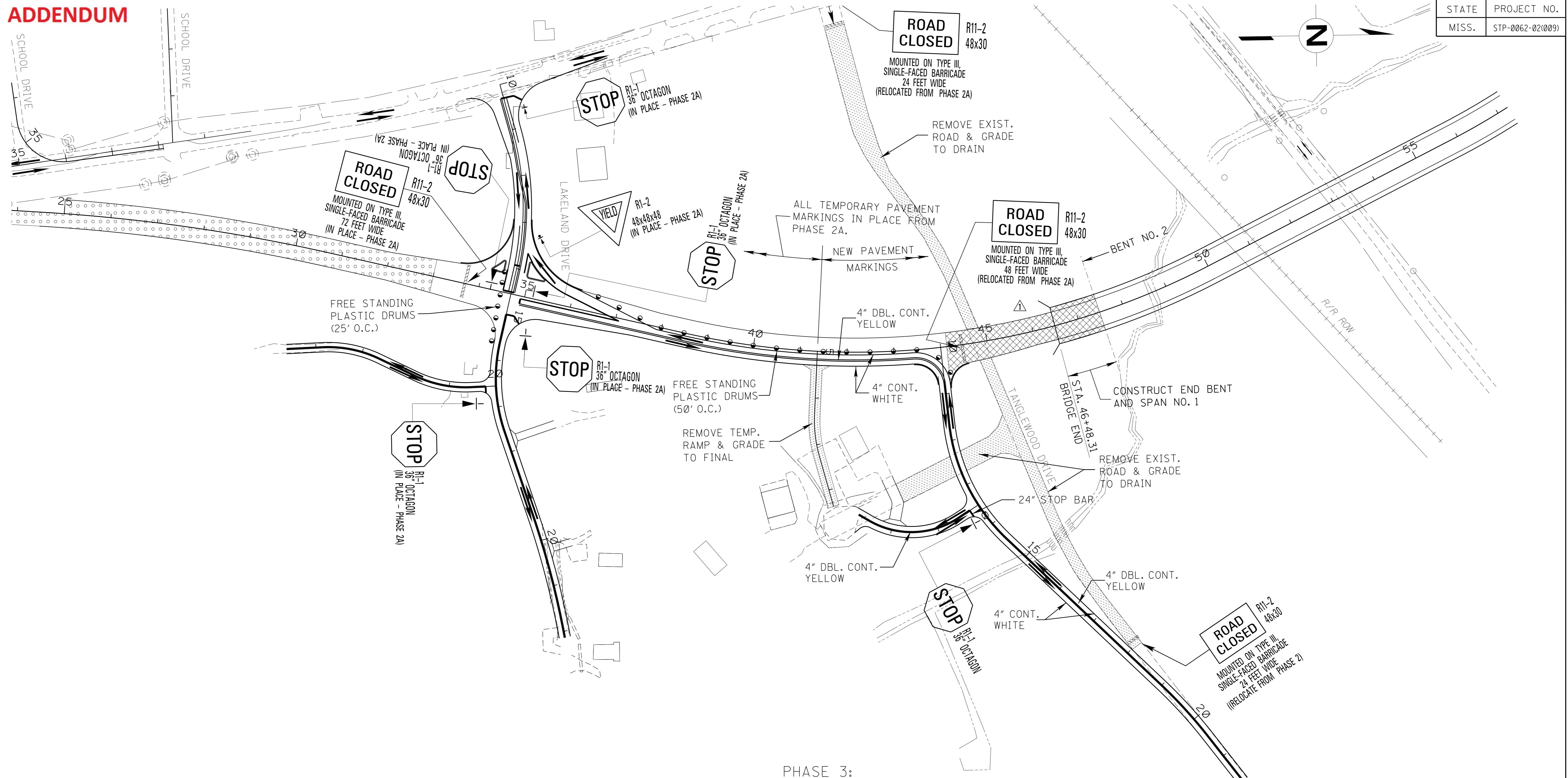


*SECTION J-J*

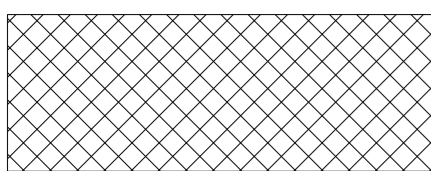
MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>TRAFFIC CONTROL PLAN</b>  <b>PHASE 3</b> <b>HWY 471</b>			
PROJ NO: STP-0062-02(009) COUNTY: RANKIN			
FILENAME: TC3-1.DGN DESIGN TEAM: BAKER    CHECKED: KJC    DATE: 8/14/14		WORKING NUMBER <b>TC3-1</b>	SHEET NUMBER <b>151</b>

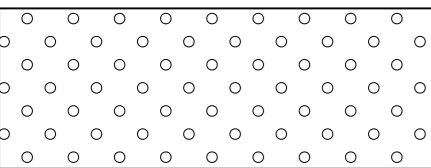
11/12/2014 2:07 PM TC3-1.DGN  
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
 PLANNING DIVISION  
 RANKIN COUNTY

**ADDENDUM**



- PHASE 3:**
1. CONSTRUCT NEW SECTION OF SR 471 FROM STA. 44+20 TO STA. 46+48.31.  $\Delta$
  2. TRAFFIC TO USE NEW RELOCATIONS OF ASPEN COVE AND TANGLEWOOD DR.
  3. REMOVE TEMPORARY RAMP AT STA. 41+36
  4. COMPLETE CONSTRUCTION OF BRIDGE (SPAN NO. 1)

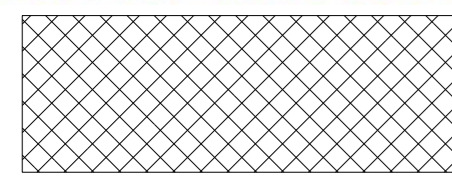
 HATCHED AREA INDICATES AREA OF CONSTRUCTION PHASE 3.

 HATCHED AREA INDICATES AREA CONSTRUCTED IN PHASE 2A.

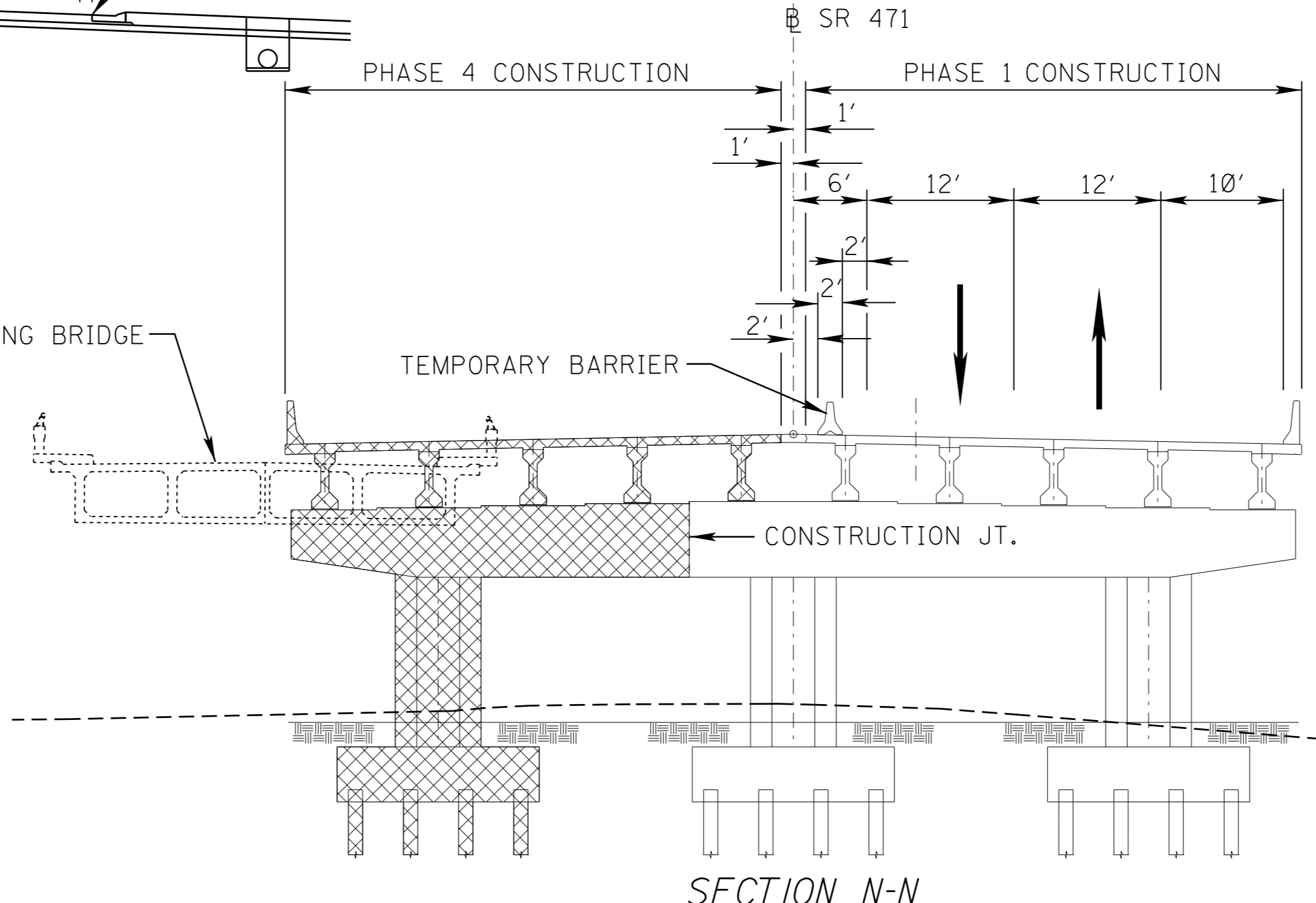
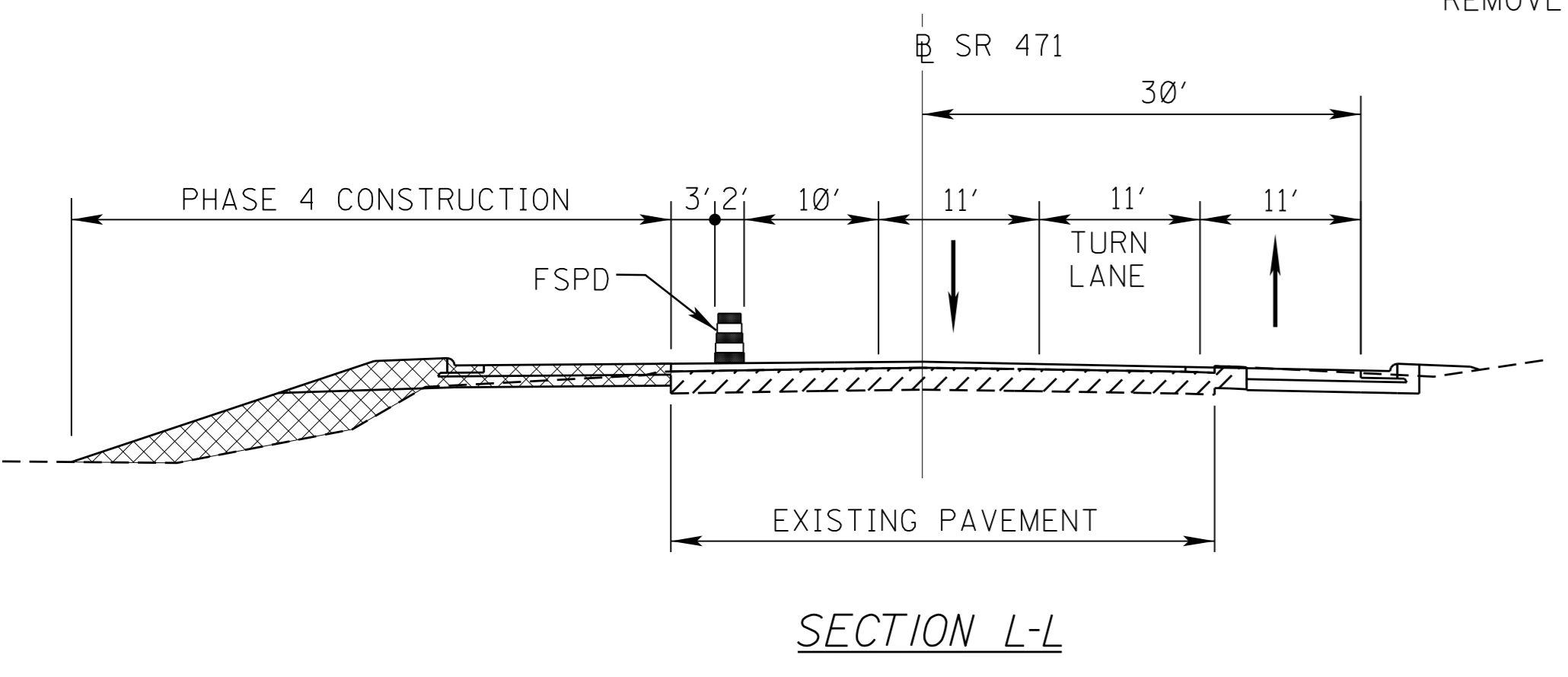
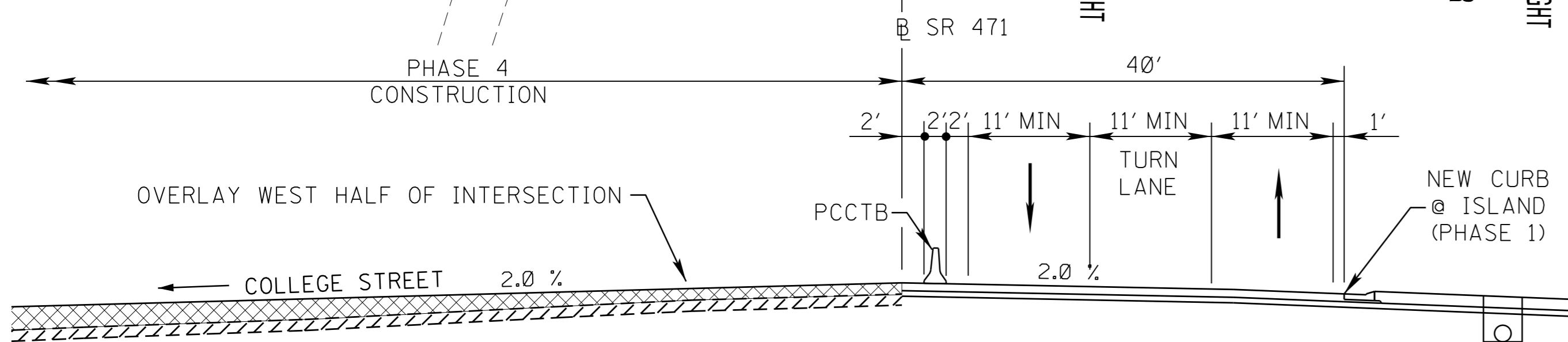
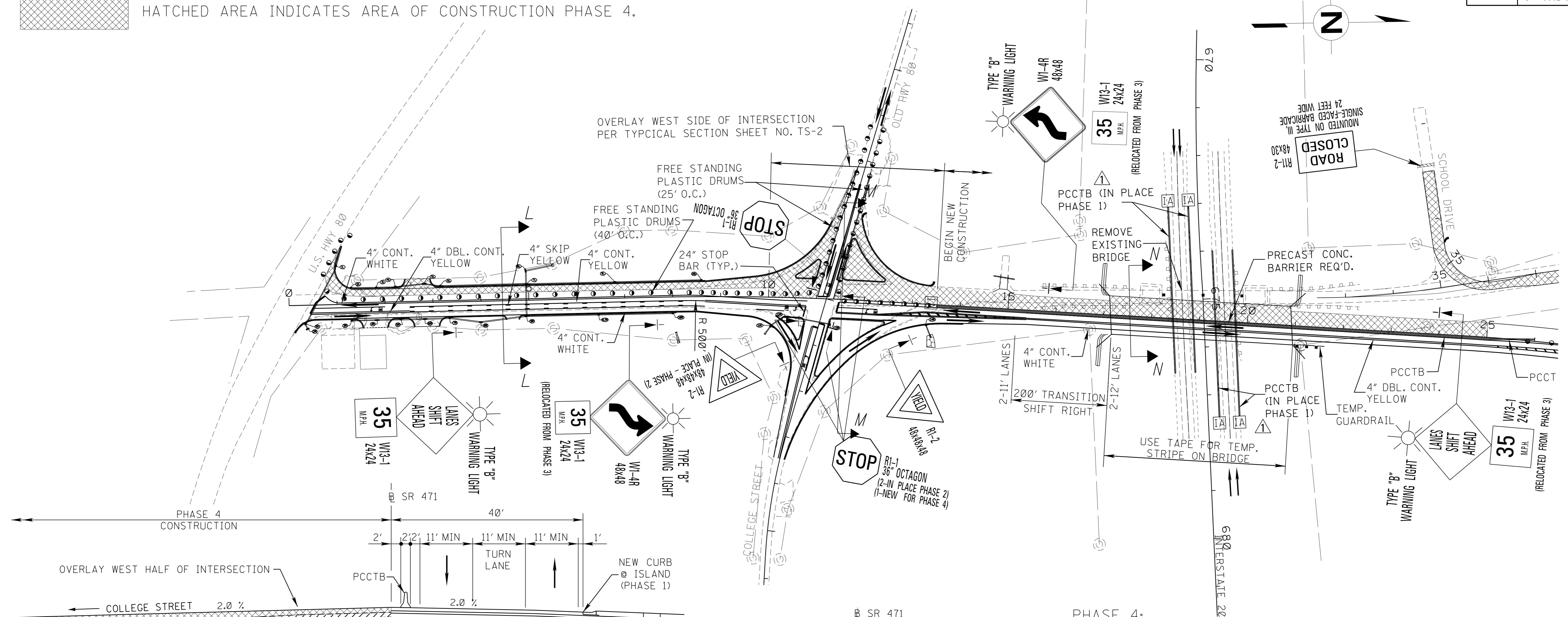
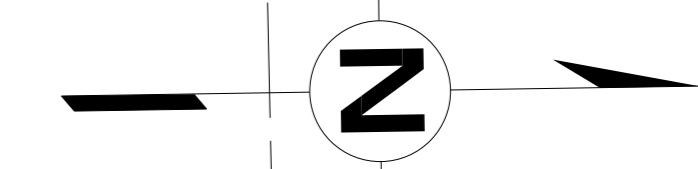
REMOVED CONSTRUCTION MOUND		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DATE		K.J.C.		TRAFFIC CONTROL PLAN	
11-12-14		K.J.C.		PHASE 3	
DESIGN TEAM		CHECKED		HWY 471	
BAKER		K.J.C.		DATE 8/14/14	
PROJECT NO: STP-0062-02(009)				WORKING NUMBER	
COUNTY: RANKIN				TC3-2	
FILENAME: TC3-2.DGN				SHEET NUMBER	
				152	

11/12/2014 2:07 PM TC3-2.DGN

**ADDENDUM**



HATCHED AREA INDICATES AREA OF CONSTRUCTION PHASE 4.



- PHASE 4:**
1. SHIFT SR 471 TRAFFIC TO EAST (STA 0+00 TO STA 10+00) THEN TO NEWLY CONSTRUCTED SR 471 (EAST SIDE)
  2. CONSTRUCT WEST SIDE WIDENING OF SR471
  3. REMOVE EXISTING BRIDGE AND CONSTRUCT WEST SIDE OF NEW BRIDGE OVER I-20.

11/12/2014 2:07 PM TC4-1.DGN

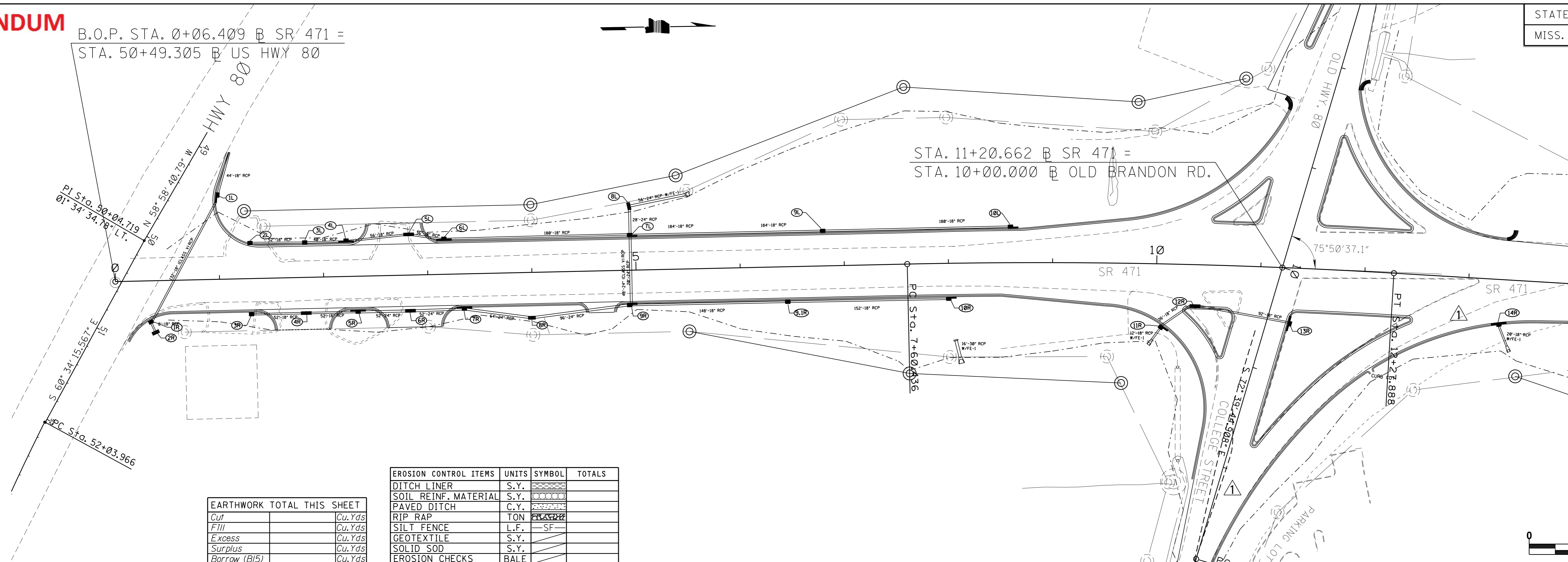
MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>TRAFFIC CONTROL PLAN</b>  <b>PHASE 4</b> <b>HWY 471</b>		
PROJ NO: STP-0062-02(009) COUNTY: RANKIN		
FILENAME: TC4-1.DGN DESIGN TEAM: BAKER CHECKED: KJC DATE: 8/14/14	WORKING NUMBER <b>TC4-1</b>	SHEET NUMBER <b>157</b>

# ADDENDUM

B.O.P. STA. 0+06.409 @ SR 471 =  
STA. 50+49.305 @ US HWY 80

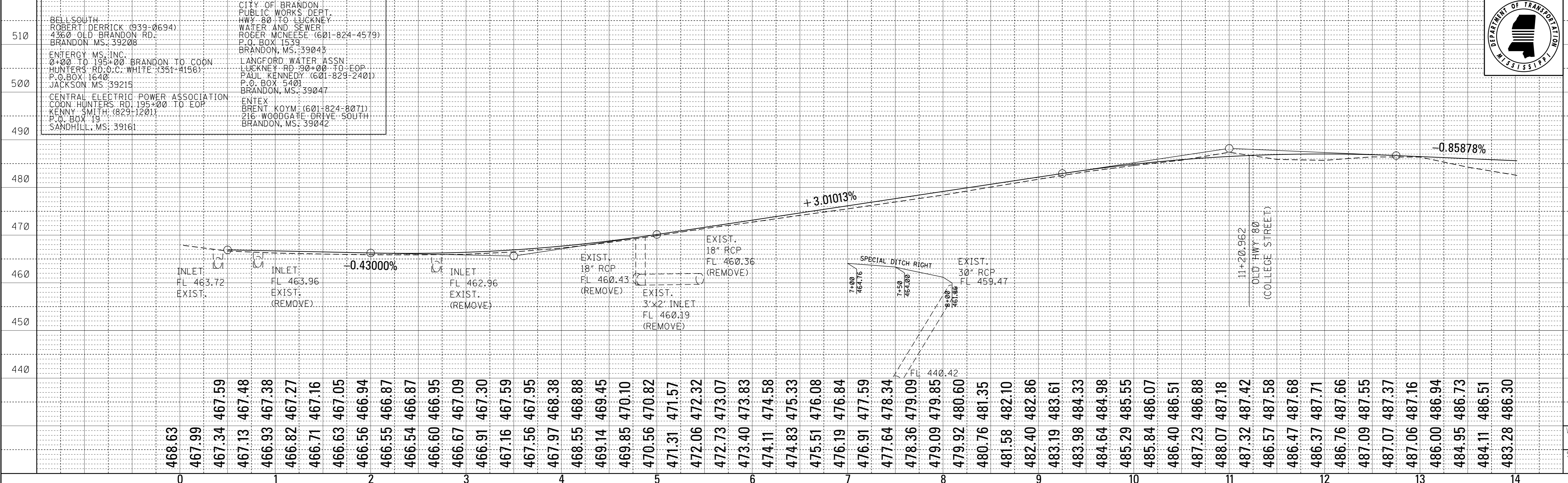
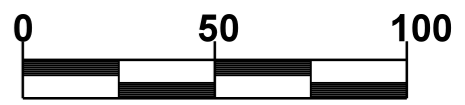
STATE	PROJECT NO.
MISS.	STP-0062-02(009)

REVISIONS	DATE	BY
1	11-12-14	KJC



EARTHWORK TOTAL THIS SHEET	
Cut	Cu.Yds
Fill	Cu.Yds
Excess	Cu.Yds
Surplus	Cu.Yds
Borrow (B15)	Cu.Yds

EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	[Symbol]	
SOIL REINF. MATERIAL	S.Y.	[Symbol]	
PAVED DITCH	C.Y.	[Symbol]	
RIP RAP	TON	[Symbol]	
SILT FENCE	L.F.	[Symbol]	
GEOTEXTILE	S.Y.	[Symbol]	
SOLID SOD	S.Y.	[Symbol]	
EROSION CHECKS	BALE	[Symbol]	



11/12/2014 2:07 PM ECPWK3.DGN

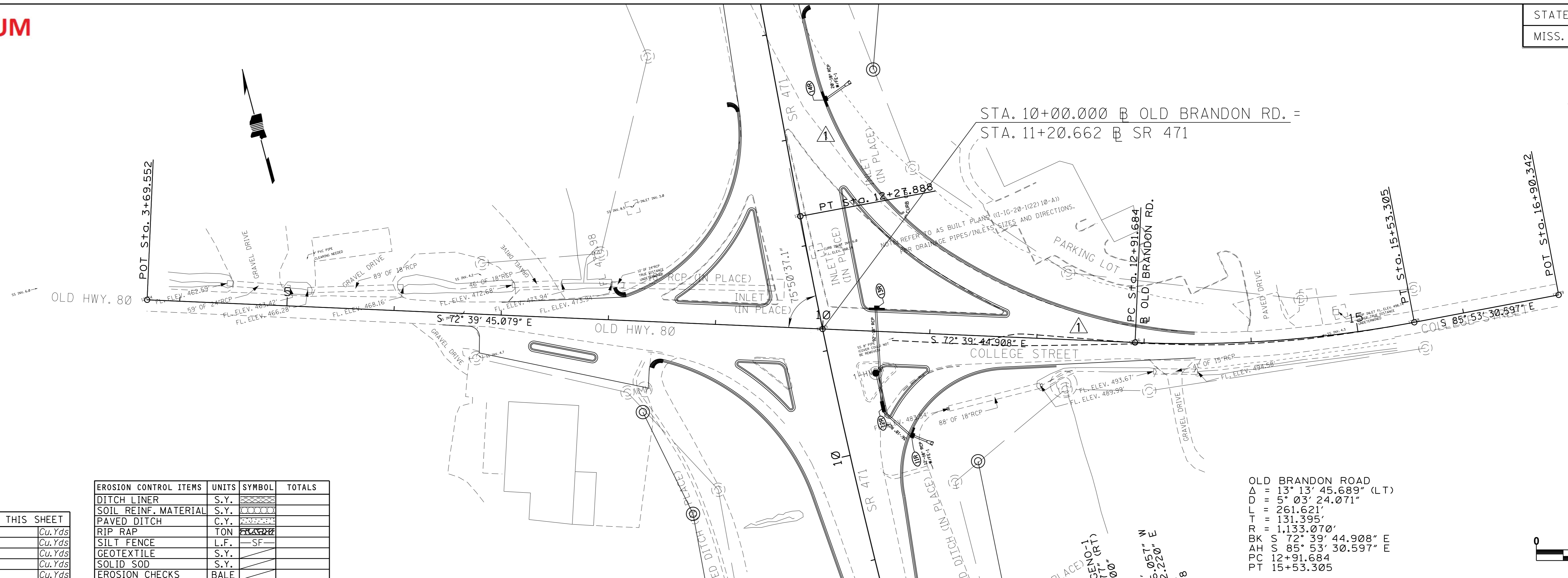
Wk. Sh. ECP3  
Sh. No. 186



# ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0062-02(009)

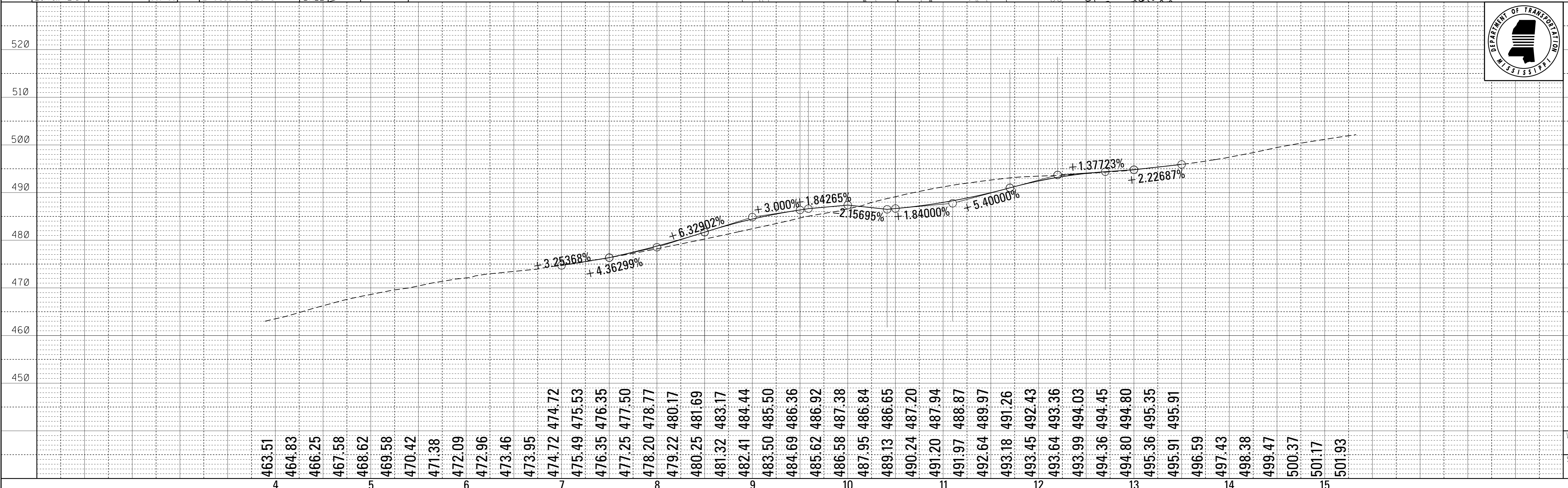
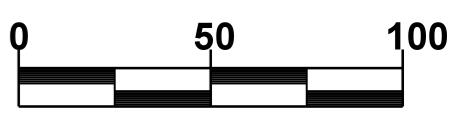
REVISIONS		
DATE	BY	
11-12-14	K.J.C.	



EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	C.Y.		
RIP RAP	TON		
SILT FENCE	L.F.		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		
EROSION CHECKS	BALE		

EARTHWORK TOTAL THIS SHEET	
Cut	Cu.Yds
Fill	Cu.Yds
Excess	Cu.Yds
Surplus	Cu.Yds
Borrow (B15)	Cu.Yds

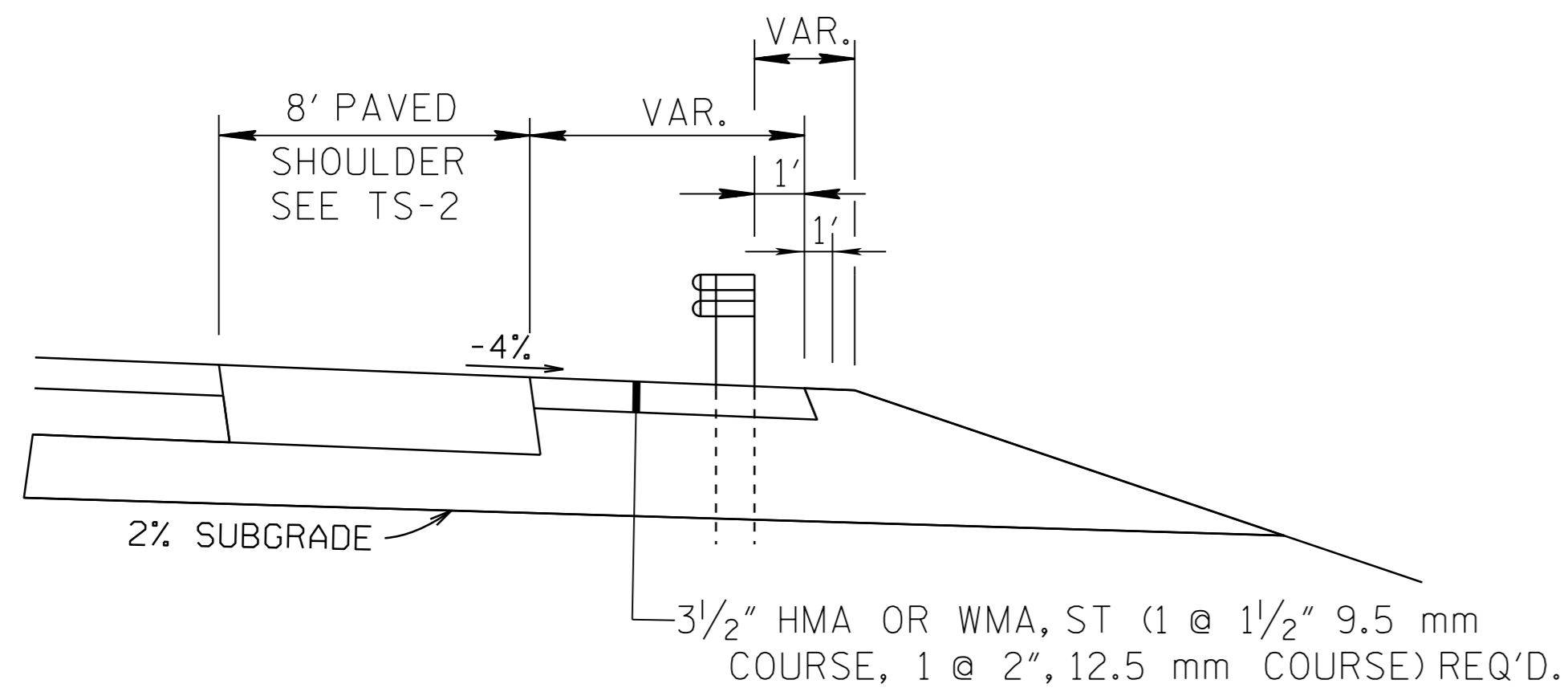
OLD BRANDON ROAD  
 Δ = 13° 13' 45.689" (LT)  
 D = 5° 03' 24.071"  
 T = 261.621'  
 R = 131.395'  
 BK = 1,133.070'  
 C = 72° 39' 44.908" E  
 PT = 12+91.684  
 PT = 15+53.305



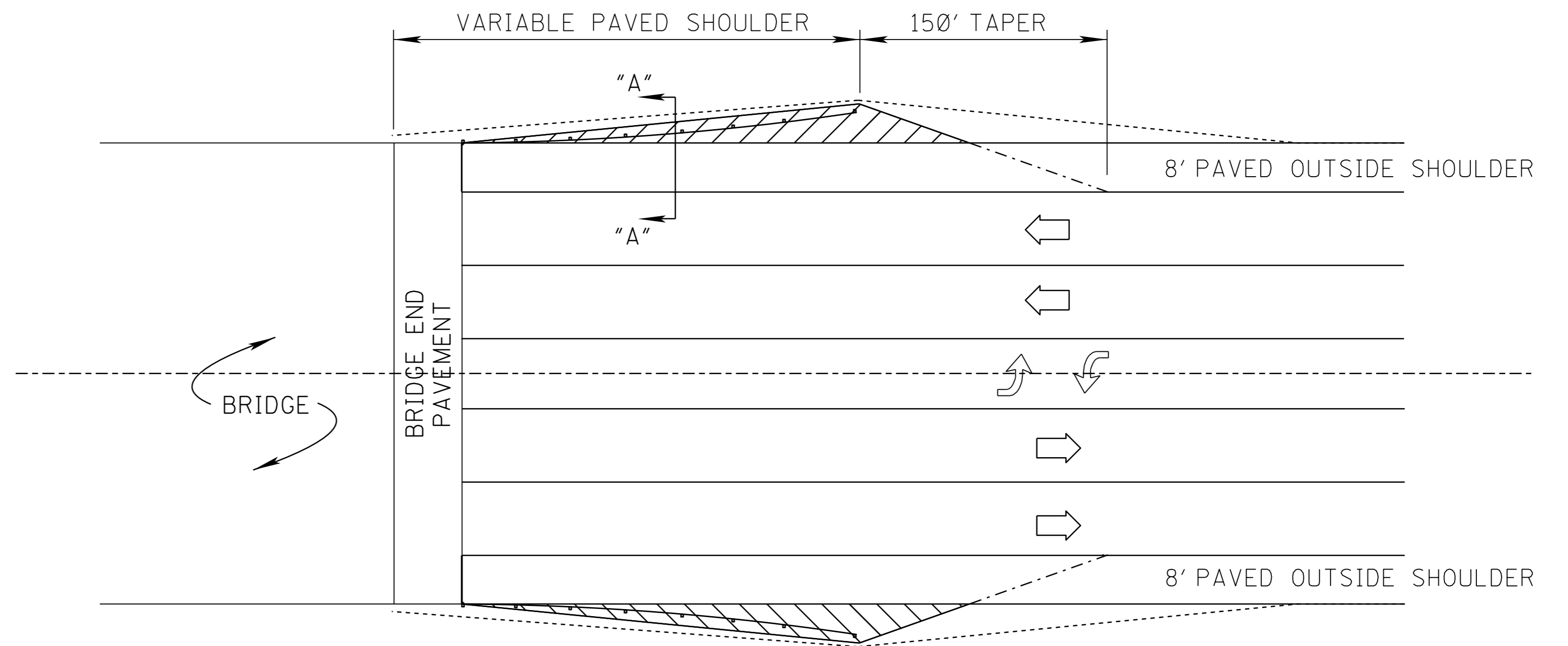
463.51	464.83	466.25	467.58	468.62	469.58	470.42	471.38	472.09	472.96	473.46	473.95	474.72	474.72	475.53	476.35	476.35	477.50	477.50	478.77	478.77	479.22	480.17	480.25	481.69	481.32	483.17	482.41	484.44	483.50	485.50	484.69	486.36	485.62	486.92	486.58	487.38	487.95	486.84	489.13	486.65	490.24	487.20	491.20	487.94	491.97	488.87	492.64	489.97	493.18	491.26	493.45	492.43	493.64	493.36	493.99	494.03	494.36	494.45	494.80	494.80	495.36	495.35	495.91	495.91	496.59	496.59	497.43	497.43	498.38	498.38	499.47	499.47	500.37	500.37	501.17	501.17	501.93	501.93
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wk. Sh.  
ECP3A  
Sh. No.  
187

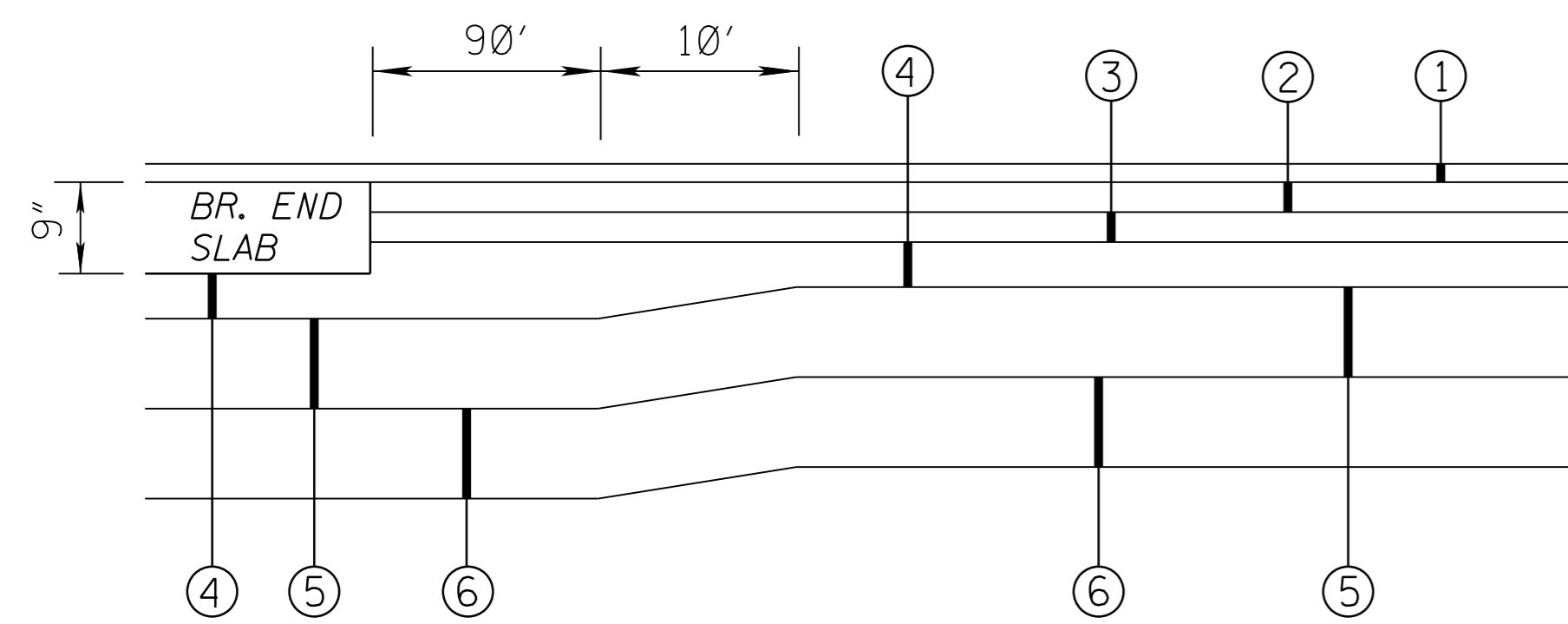
**ADDENDUM**



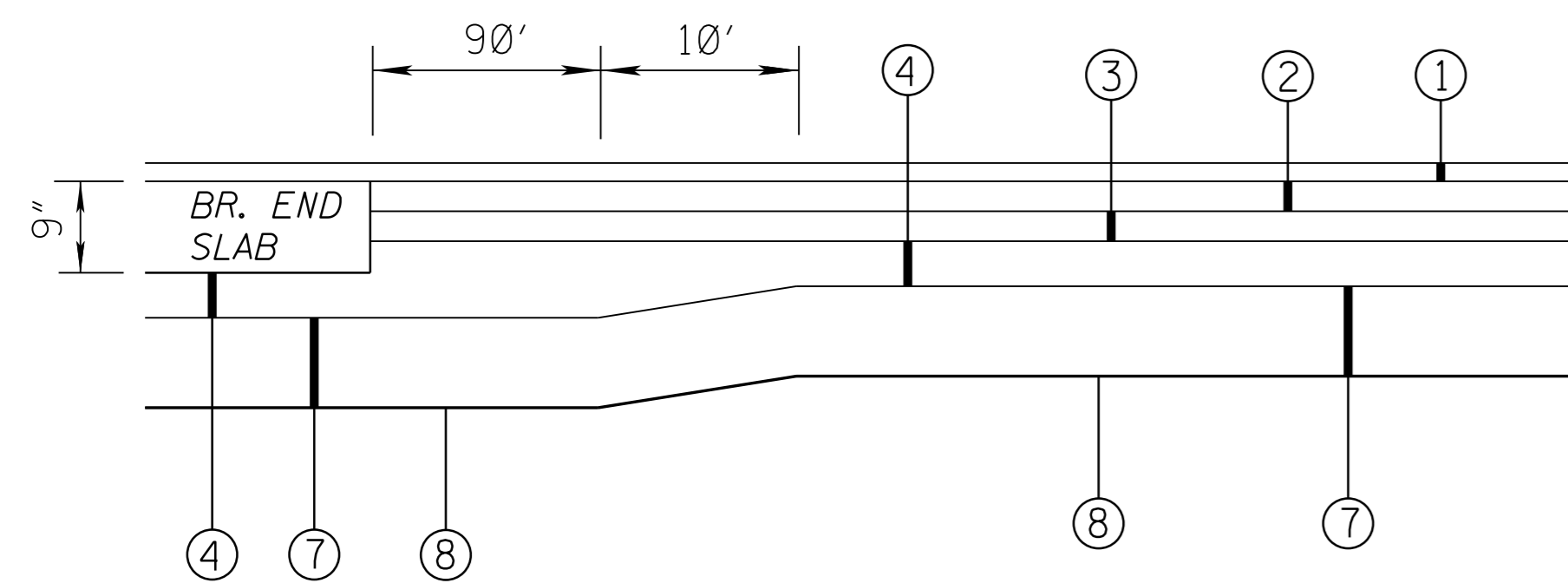
SECTION A-A



DETAIL OF PAVED SHOULDERS AT BRIDGE ENDS  
SEE SECTION "A" - "A"



① BRIDGE "B"  
DETAIL FOR PAVEMENT TRANSITION AT BRIDGE ENDS



① BRIDGE "A"  
DETAIL FOR PAVEMENT TRANSITION AT BRIDGE ENDS

- ① 1.50" HMA OR WMA , HT ( 9.5MM MIXTURE ) POLYMER MODIFIED ( 1 @ 1.5" )
- ② 2.00" HMA OR WMA , HT ( 12.5MM MIXTURE ) POLYMER MODIFIED ( 1 @ 2" )
- ③ 2.00" HMA OR WMA , HT ( 12.5MM MIXTURE ) ( 1 @ 2" )
- ④ 3.00" HMA OR WMA , ST ( 19MM MIXTURE ) ( 1 @ 3.00 )
- ⑤ 6" CHEMICALLY TREATED GRANULAR MATERIAL (9-C) \*
- ⑥ 6" CHEMICALLY TREATED SUBGRADE \* \*
- ⑦ 9" CRUSHED STONE BASE, REQ'D.
- ⑧ GEOTEXTILE FILTER FABRIC, TYPE V, NON-WOVEN, REQ'D.

NOTES:

- \* PLANS WILL ALLOW SOIL CEMENT (5.5% CEMENT) OR LIME FLY ASH (3% LIME, 12% FLY ASH) TREATMENT OF THE BASE.
- \* \* PLANS WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT (4% CEMENT) OR LIME FLY ASH TREATMENT (3% LIME, 12% FLY ASH) OF 50% OF THE SUBGRADE AND LIME TREATMENT (6% LIME) OF THE REMAINING 50% OF THE SUBGRADE.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>MISCELLANEOUS DETAIL SHEET</b>	
PROJ NO: STP-0062-02(009)	WORKING NUMBER
COUNTY: RANKIN	MD-1
FILENAME: MD-1.DGN	SHEET NUMBER
DESIGN TEAM BAKER	249
CHECKED KJC	DATE 2014

11/12/2014 2:08 PM MD-1.DGN

**ADDENDUM**

Point	North	East	Elevation	Station	Offset	Feature	Description
1	1010199.927	2401559.598	488.320	10+68.988	33.293	PCM	3/4" REBAR
2	1011548.795	2401575.759	482.880	24+14.266	-76.189	PCM	1/2" REBAR
3	1012674.632	2401421.562	438.050	34+54.316	-455.190	PCM	COTTON SPINDLE
4	1012670.311	2402100.696	429.240	36+23.458	202.558	PCM	3/4" REBAR
5	1013441.744	2401801.303	406.120	43+67.518	-214.212	PCM	3/4" REBAR
6	1013208.547	2401228.902	405.640	39+82.618	-775.047	PCM	3/4" REBAR
8	1014540.377	2400503.237	370.000	63+14.055	-913.310	PCM	3/4" REBAR
9	1015427.965	2400036.209	364.120	70+37.364	-792.583	PCM	1/2" REBAR
11	1017735.629	2400871.665	395.040	103+23.360	33.410	PCM	60D NAIL
12	1019798.617	2401429.739	408.960	124+56.453	-45.979	PCM	3/4" REBAR
13	1020765.835	2402066.654	410.410	136+07.601	41.968	PCM	1/2" REBAR
14	1021713.231	2402379.007	420.670	145+96.829	48.427	PCM	3/4" REBAR
15	1022578.339	2402444.841	423.170	154+54.594	48.085	PCM	3/4" REBAR
16	1023304.273	2402342.139	409.600	161+76.293	-69.694	PCM	3/4" REBAR
17	1024147.281	2402793.806	385.090	171+29.195	30.809	PCM	3/4" REBAR
18	1024818.348	2403058.597	368.730	178+48.724	-21.363	PCM	3/4" REBAR
471611	1009145.644	2401410.106	466.980	0+10.872	-93.935	PCM	3/4" X 30" REBAR
471612	1008884.094	2402233.174	473.420	0+00.000	732.532	PCM	3/4" X 30" REBAR
471613	1020899.251	2402174.356	413.410	137+70.906	75.011	PCM	3/4" X 30" REBAR
471614	1020802.448	2401280.631	390.310	132+27.290	-646.913	PCM	3/4" X 30" REBAR
10A	1016476.884	2400384.343	376.600	77+92.757	-194.705	PCM	3/4" X 30" REBAR
CP1	1010142.590	2401953.975	499.570	10+35.734	430.538	PCM	3/4" X 30" REBAR
CP2	1010408.511	2401182.278	471.840	12+41.839	-359.897	PCM	3/4" X 30" REBAR
CP3	1014714.104	2402189.585	389.920	54+47.097	576.808	PCM	3/4" X 30" REBAR
CP4	1014193.087	2401538.591	376.070	52+55.524	-234.704	PCM	3/4" X 30" REBAR
CP5	1015770.857	2401290.740	374.720	67+61.469	476.507	PCM	3/4" X 30" REBAR
CP6	1016219.968	2401316.080	371.730	73+25.448	687.078	PCM	COTTON SPINDLE
CP7	1018164.436	2400813.908	404.190	107+16.194	-147.954	PCM	3/4" X 30" REBAR
CP8	1019069.550	2400607.662	389.160	115+20.564	-611.373	PCM	3/4" X 30" REBAR
CP9	1019519.164	2400652.200	391.050	119+63.381	-701.092	PCM	3/4" X 30" REBAR
CP10	1019424.992	2401718.764	393.650	121+87.181	345.971	PCM	3/4" X 30" REBAR
CP11	1020308.493	2401841.428	404.700	131+01.115	89.677	PCM	3/4" X 30" REBAR
CP12	1022035.437	2402470.233	422.100	149+25.343	73.932	PCM	3/4" X 30" REBAR
CP13	1022626.431	2401819.999	405.810	155+72.766	-566.351	PCM	3/4" X 30" REBAR


STATE	PROJECT NO.
MISS.	STP-0062-02(017)

NOTE: ALL STATIONS AND OFFSETS ARE FROM NEW 471 ALIGNMENT

NOTE: ALL CONTROL POINTS ARE (STATE PLANE US SURVEY FEET) MS WEST NAD83/2011

NOTE: VERTICAL DATUM IS NAVD 88 AND BASED ON NGS BENCHMARKS BRANDON RESET AND Q-23-2

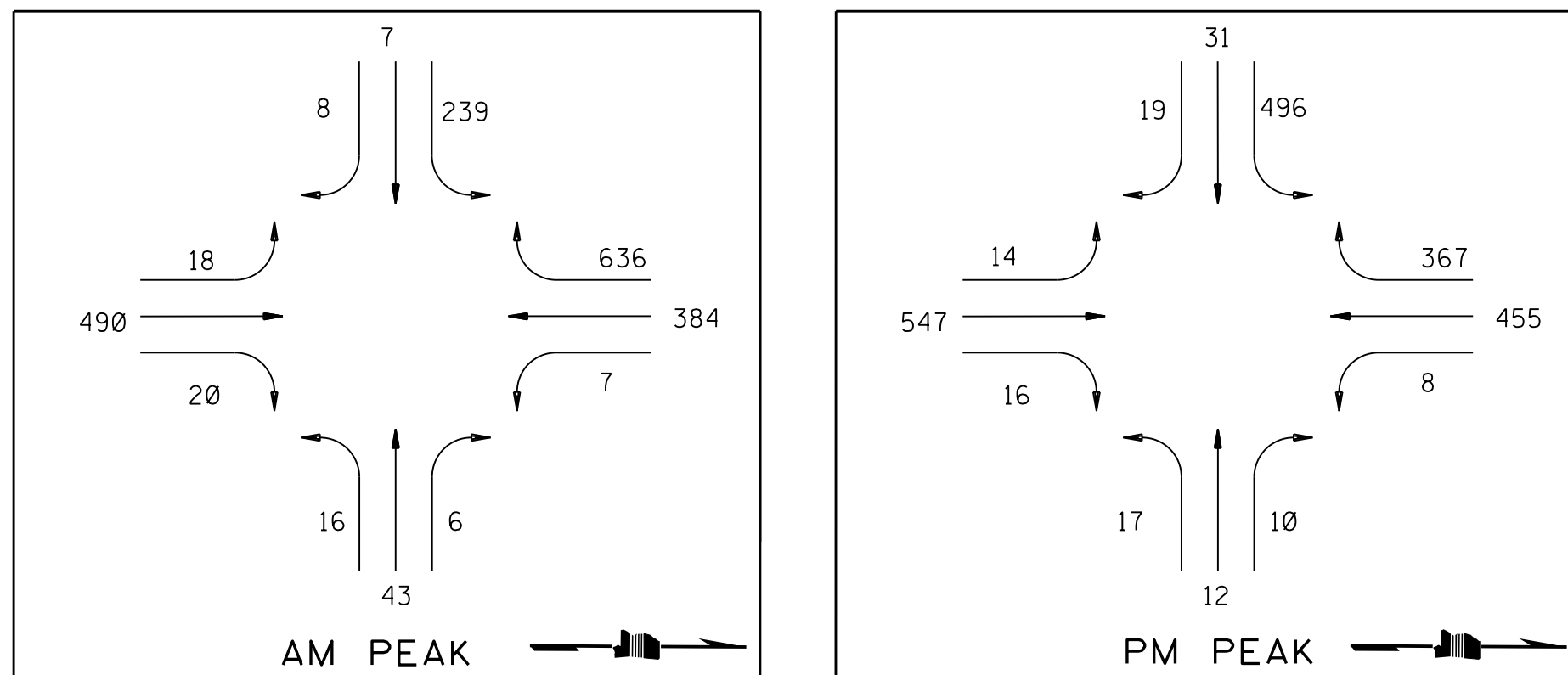
11/12/2014 2:08 PM SRV-CONTROL-100579-101000-001.DGN

KJC		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
ADDED THIS SHEET		REVISION		 <p>SURVEY CONTROL POINTS</p> <p>PROJ NO: STP-0062-02(017)</p> <p>COUNTY: RANKIN</p> <p>WORKING NUMBER SC-1</p> <p>FILENAME: CONTROL 100579/101000</p> <p>SHEET NUMBER 251.1</p>	
DATE		DATE			
DESIGN TEAM		CHECKED DATE 2014			

# ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0062-02(015)

## 2012 DESIGN TURNING MOVEMENTS



NOTE: TRAFFIC COUNTS BASED ON MDT TRAFFIC MODEL USING 2005 COUNTS WITH A 3% GROWTH FACTOR APPLIED.

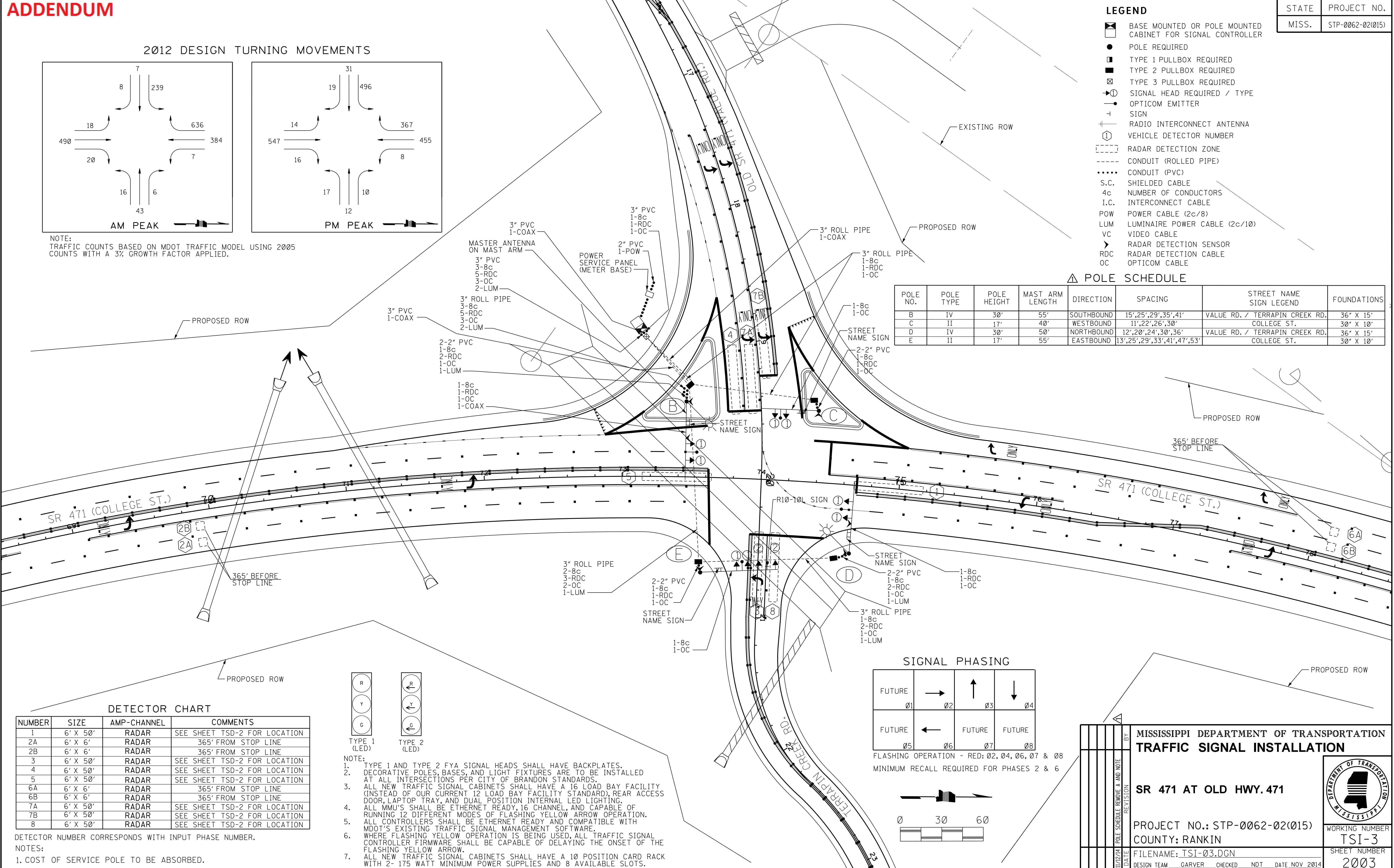
## LEGEND

- BASE MOUNTED OR POLE MOUNTED CABINET FOR SIGNAL CONTROLLER
- POLE REQUIRED
- TYPE 1 PULLBOX REQUIRED
- TYPE 2 PULLBOX REQUIRED
- TYPE 3 PULLBOX REQUIRED
- SIGNAL HEAD REQUIRED / TYPE
- OPTICOM EMITTER
- SIGN
- RADIO INTERCONNECT ANTENNA
- VEHICLE DETECTOR NUMBER
- RADAR DETECTION ZONE
- CONDUIT (ROLLED PIPE)
- CONDUIT (PVC)
- S.C. SHIELDED CABLE
- 4c NUMBER OF CONDUCTORS
- I.C. INTERCONNECT CABLE
- POW POWER CABLE (2c/8)
- LUM LUMINAIRE POWER CABLE (2c/10)
- VC VIDEO CABLE
- RADAR DETECTION SENSOR
- RADAR DETECTION CABLE
- OC OPTICOM CABLE

## POLE SCHEDULE

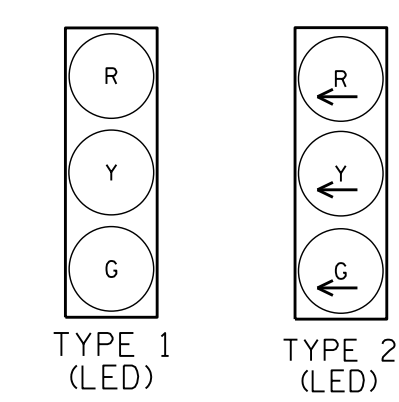
POLE NO.	POLE TYPE	POLE HEIGHT	MAST ARM LENGTH	DIRECTION	SPACING	STREET NAME SIGN LEGEND	FOUNDATIONS
B	IV	30'	55'	SOUTHBOUND	15',25',29',35',41'	VALUE RD. / TERRAPIN CREEK RD.	36" X 15'
C	II	17'	40'	WESTBOUND	11',22',26',30'	COLLEGE ST.	30" X 10'
D	IV	30'	50'	NORTHBOUND	12',20',24',30',36'	VALUE RD. / TERRAPIN CREEK RD.	36" X 15'
E	II	17'	55'	EASTBOUND	13',25',29',33',41',47',53'	COLLEGE ST.	30" X 10'

ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION



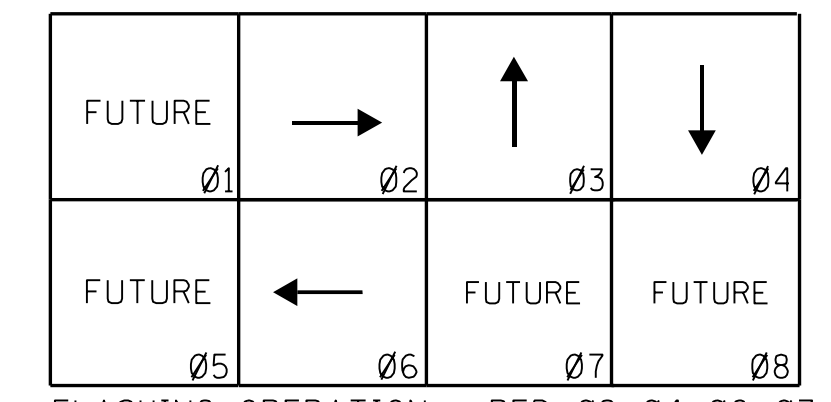
## DETECTOR CHART

NUMBER	SIZE	AMP-CHANNEL	COMMENTS
1	6' X 50'	RADAR	SEE SHEET TSD-2 FOR LOCATION
2A	6' X 6'	RADAR	365' FROM STOP LINE
2B	6' X 6'	RADAR	365' FROM STOP LINE
3	6' X 50'	RADAR	SEE SHEET TSD-2 FOR LOCATION
4	6' X 50'	RADAR	SEE SHEET TSD-2 FOR LOCATION
5	6' X 50'	RADAR	SEE SHEET TSD-2 FOR LOCATION
6A	6' X 6'	RADAR	365' FROM STOP LINE
6B	6' X 6'	RADAR	365' FROM STOP LINE
7A	6' X 50'	RADAR	SEE SHEET TSD-2 FOR LOCATION
7B	6' X 50'	RADAR	SEE SHEET TSD-2 FOR LOCATION
8	6' X 50'	RADAR	SEE SHEET TSD-2 FOR LOCATION

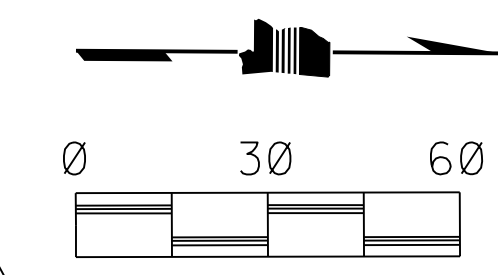


- NOTE:
- TYPE 1 AND TYPE 2 FYA SIGNAL HEADS SHALL HAVE BACKPLATES. DECORATIVE POLES, BASES, AND LIGHT FIXTURES ARE TO BE INSTALLED AT ALL INTERSECTIONS PER CITY OF BRANDON STANDARDS.
  - ALL NEW TRAFFIC SIGNAL CABINETS SHALL HAVE A 16 LOAD BAY FACILITY (INSTEAD OF OUR CURRENT 12 LOAD BAY FACILITY STANDARD), REAR ACCESS DOOR, LAPTOP TRAY, AND DUAL POSITION INTERNAL LED LIGHTING.
  - ALL MMU'S SHALL BE ETHERNET READY, 16 CHANNEL, AND CAPABLE OF RUNNING 12 DIFFERENT MODES OF FLASHING YELLOW ARROW OPERATION.
  - ALL CONTROLLERS SHALL BE ETHERNET READY AND COMPATIBLE WITH MDT'S EXISTING TRAFFIC SIGNAL MANAGEMENT SOFTWARE.
  - WHERE FLASHING YELLOW OPERATION IS BEING USED, ALL TRAFFIC SIGNAL CONTROLLER FIRMWARE SHALL BE CAPABLE OF DELAYING THE ONSET OF THE FLASHING YELLOW ARROW.
  - ALL NEW TRAFFIC SIGNAL CABINETS SHALL HAVE A 10 POSITION CARD RACK WITH 2- 175 WATT MINIMUM POWER SUPPLIES AND 8 AVAILABLE SLOTS.

## SIGNAL PHASING



FLASHING OPERATION - RED: 02, 04, 06, 07 & 08  
MINIMUM RECALL REQUIRED FOR PHASES 2 & 6



DETECTOR NUMBER CORRESPONDS WITH INPUT PHASE NUMBER.  
NOTES:  
1. COST OF SERVICE POLE TO BE ABSORBED.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
TRAFFIC SIGNAL INSTALLATION		
<b>SR 471 AT OLD HWY. 471</b>		
PROJECT NO.: STP-0062-02(015)		WORKING NUMBER
COUNTY: RANKIN		TSI-3
FILENAME: TSI-03.DGN		SHEET NUMBER
DESIGN TEAM: GARVER		2003
CHECKED: NDT		
DATE: NOV 2014		

11/10/2014 10:05:42 TSI-03.DGN

**ADDENDUM**

**DESCRIPTION OF SHEET**

**WORKING NO. SHEET NO.**

DETAILED INDEX (BRIDGES A & B)  
SUMMARY OF QUANTITIES (BRIDGES A & B)  
ESTIMATED QUANTITIES (BRIDGES A & B)

DI-BR-1 8001  
SO-BR-1 8002  
EO-BR-1 8003

**BRIDGE A - SR 471 ACROSS I-20 AT STA. 675+44.65  
SR 471 BRIDGE AT STA. 17+10.05**

ESTIMATED QUANTITIES & GENERAL NOTES  
ELEVATION  
FOUNDATION PLAN  
PHASE CONSTRUCTION SCHEMATIC  
END BENT 1 DETAILS  
END BENT 1 DETAILS  
END BENT 5 DETAILS  
END BENT 5 DETAILS  
END BENT DETAILS  
INTERIOR BENTS 2, 3 & 4  
INTERIOR BENT DETAILS  
PLAN OF SPAN NO. 1  
PLAN OF SPAN NO. 1, REINFORCING STEEL  
PLAN OF SPAN NO. 2  
PLAN OF SPAN NO. 2, REINFORCING STEEL  
PLAN OF SPAN NO. 3  
PLAN OF SPAN NO. 3, REINFORCING STEEL  
PLAN OF SPAN NO. 4  
PLAN OF SPAN NO. 4 REINFORCING STEEL  
SPAN DETAILS (NEAR BRIDGE END)  
SPAN DETAILS (NEAR INTERIOR DIAPHRAGM)  
SPAN DETAILS (AT 1'-0" INTERIOR DIAPHRAGM)  
SPAN DETAILS  
MISCELLANEOUS SPAN DETAILS  
3'-6" RAILING DETAILS  
92 FT. BEAM DETAILS (END SPAN)  
102 FT. BEAM DETAILS (INT. SPAN)  
80 FT. BEAM DETAILS (END SPAN)  
BEAM LAYOUT AND TABLE OF BEAM DIMENSIONS  
BEARING PAD LAYOUT AND DETAILS  
GENERALIZED SOIL PROFILE

A1 8004  
A2 8005  
A3 8006  
A4 8007  
A5 8008  
A6 8009  
A7 8010  
A8 8011  
A9 8012  
A10 8013  
A11 8014  
A12 8015  
A13 8016  
A14 8017  
A15 8018  
A16 8019  
A17 8020  
A18 8021  
A19 8022  
A20 8023  
A21 8024  
A22 8025  
A23 8026  
A24 8027  
A25 8028  
A26 8029  
A27 8030  
A28 8031  
A29 8032  
A30 8033  
A31 8034

**SUPPLEMENTAL ORIGINAL PLANS, FOR INFORMATION PURPOSES ONLY  
PROJECT: I-16-20-1(22)44**

EXISTING PLAN AND PROFILE  
END BENTS NO. 1 & 5  
SPAN DETAILS  
SPAN DETAILS  
BOX GIRDER SPAN DETAILS  
INT. BENTS NO. 2, 3 & 4

J1 OF 6 8035  
J2 OF 6 8036  
J3 OF 6 8037  
J4 OF 6 8038  
J5 OF 6 8039  
J6 OF 6 8040

**BRIDGE B - MS. HWY. 471 OVER MSLLC COMPANY & VALUE ROAD  
BRIDGE AT STA. 46+48.31**

GENERAL NOTES & ESTIMATED QUANTITIES (BRIDGE B)  
OVERPASS AT STA. 46+48.31 OVER MSLLC COMPANY & VALUE ROAD ELEVATION  
OVERPASS AT STA. 46+48.31 OVER MSLLC COMPANY & VALUE ROAD ELEVATION  
OVERPASS AT STA. 46+48.31 OVER MSLLC COMPANY & VALUE ROAD ELEVATION  
PARTIAL FOUNDATION PLAN  
PARTIAL FOUNDATION PLAN  
PARTIAL FOUNDATION PLAN  
END BENT NO. 1 DETAILS ~ 1 OF 2  
END BENT NO. 1 DETAILS ~ 2 OF 2  
END BENT NO. 14 DETAILS ~ 1 OF 2  
END BENT NO. 14 DETAILS ~ 2 OF 2  
END BENT DETAILS  
INT. BENT NO. 2, 3 & 4 DETAILS  
INT. BENT DETAILS FOR BENT NOS. 2, 3, 4 & 8 THRU 13  
INT. BENT NO. 5 DETAILS  
INT. BENT NO. 6 DETAILS  
INT. BENT NO. 7 DETAILS  
INT. BENT DETAILS FOR BENT NOS. 5, 6 & 7  
INT. BENT NO. 8 DETAILS  
INT. BENT NO. 9 THRU 12 DETAILS  
INT. BENT NO. 13 DETAILS  
INT. BENT DETAILS

B1 8041  
B2 8042  
B3 8043  
B4 8044  
B5 8045  
B6 8046  
B7 8047  
B8 8048  
B9 8049  
B10 8050  
B11 8051  
B12 8052  
B13 8053  
B14 8054  
B15 8055  
B16 8056  
B17 8057  
B18 8058  
B19 8059  
B20 8060  
B21 8061  
B22 8062

**DESCRIPTION OF SHEET**

**WORKING NO. SHEET NO.**

**BRIDGE B - MS. HWY. 471 OVER MSLLC COMPANY & VALUE ROAD  
BRIDGE AT STA. 46+48.31**

99 FT. SPANS NO. 1, 2 & 3 DETAILS  
99 FT. SPAN NO. 4 DETAILS  
99 FT. SPAN NO. 7 DETAILS  
106 FT. SPAN NO. 8 DETAILS  
106 FT. SPANS NO. 9 THRU 12 DETAILS  
106 FT. SPAN NO. 13 DETAILS  
SPAN DETAILS - TYPICAL SECTION  
SPAN DETAILS - SECTIONS  
MISCELLANEOUS SPAN DETAILS  
PREFABRICATED DRAIN DETAILS  
42" RAILING DETAILS  
PRESTRESSED BEARING DETAILS  
BEAM DETAILS SPANS 1, 2 & 3  
BEAM DETAILS SPANS 4 & 7  
BEAM DETAILS SPANS 8 & 13  
BEAM DETAILS SPANS 9, 10, 11 & 12  
MISCELLANEOUS BEAM DETAILS  
SPAN DETAILS - TYPICAL SECTION ~ 1 OF 2  
SPAN DETAILS - TYPICAL SECTION ~ 2 OF 2  
180 FT. SPAN NO. 5 DETAILS  
180 FT. SPAN NO. 6 DETAILS  
FRAMING PLAN SPAN NO. 5  
FRAMING PLAN SPAN NO. 6  
TYPICAL STEEL GIRDER ELEVATION - SPANS 5 & 6  
WELDED PLATE GIRDER CAMBER AND SLAB DEFLECTION  
DISC BEARING DETAILS  
SPANS NO. 5 & 6 DETAILS (DIAPHRAGM DETAILS)  
MISCELLANEOUS STRUCTURAL STEEL DETAILS  
FIELD SPLICE DETAILS  
SCHEMATIC ERECTION SEQUENCE DIAGRAM  
FORM GRADES - SUPER ELEVATION TRANSITION SKETCH  
FORM GRADES SPAN 3  
FORM GRADES SPAN 4  
FORM GRADES SPAN 5  
FORM GRADES SPAN 7  
FORM GRADES SPAN 8  
FORM GRADES SPAN 9  
FORM GRADES SPAN 11  
FORM GRADES SPAN 12  
FORM GRADES SPAN 13  
FENCE DETAILS  
CONSTRUCTION RAMP DETAILS  
GENERALIZED SOIL PROFILE  
GENERALIZED SOIL PROFILE  
GENERALIZED SOIL PROFILE  
GENERALIZED SOIL PROFILE  
TEST SHAFT DETAILS  
TEMPORARY STEEL BRACING  
ADDITIONAL RAILROAD NOTES

B23 8063  
B24 8064  
B25 8065  
B26 8066  
B27 8067  
B28 8068  
B29 8069  
B30 8070  
B31 8071  
B32 8072  
B33 8073  
B34 8074  
B35 8075  
B36 8076  
B37 8077  
B38 8078  
B39 8079  
B40 8080  
B41 8081  
B42 8082  
B43 8083  
B44 8084  
B45 8085  
B46 8086  
B47 8087  
B48 8088  
B49 8089  
B50 8090  
B51 8091  
B52 8092  
B53 8093  
B54 8094  
B55 8095  
B56 8096  
B57 8097  
B58 8098  
B59 8099  
B60 8100  
B61 8101  
B62 8102  
B63 8103  
B64 8104  
B65 8105  
B66 8106  
B67 8107  
B68 8108  
B69 8109  
B70 8110  
B71 8111

**DESCRIPTION OF SHEET**

**WORKING NO. SHEET NO.**

**EROSION CONTROL - SR 471 BRIDGE A**

EROSION CONTROL - ELEVATION  
EROSION CONTROL - FOUNDATION PLAN

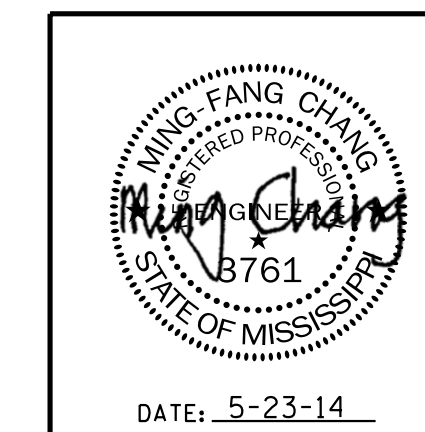
ECP-BR-A1 8112  
ECP-BR-A2 8113

**EROSION CONTROL - SR 471 BRIDGE B**

EROSION CONTROL - ELEVATION  
EROSION CONTROL - ELEVATION  
EROSION CONTROL - ELEVATION  
EROSION CONTROL - FOUNDATION PLAN  
EROSION CONTROL - FOUNDATION PLAN  
EROSION CONTROL - FOUNDATION PLAN

ECP-BR-B1 8114  
ECP-BR-B2 8115  
ECP-BR-B3 8116  
ECP-BR-B4 8117  
ECP-BR-B5 8118  
ECP-BR-B6 8119

BRIDGE DIVISION		
DATE	SHEET NO.	BY
10/17/14	8035-8042, 8092, 8111,	MKC
11/12/14	8092, 8002	MKC

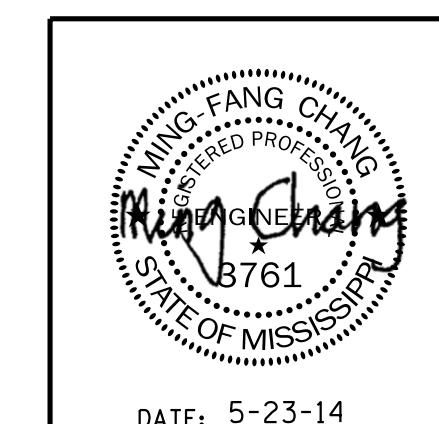


BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISIONS		DETAILED INDEX (BRIDGES A AND B)	
DATE		100579/301000 PROJECT NO. STP-0062-02(017) RANKIN COUNTY	
DESIGNED MFC		MICHAEL BAKER, JR., INC. - CONSULTING ENGINEERS Jackson, Mississippi	
CHECKED KJC		WORKING NUMBER <b>DI-BR-1</b>	
ISSUED _____		SHEET NUMBER <b>8001</b>	
DATE: 5-23-14		DATE: 2014	

**ADDENDUM**

STATE	PROJECT NO.
MISS.	STP-0062-02(017)

PAY ITEM NO.	PAY ITEM	UNIT	TOTAL	
			PRELIMINARY	FINAL
<b>BRIDGE SUMMARY (BRIDGES A &amp; B)</b>				
501-K001	TRANSVERSE GROOVING	S.Y.	15,764	
801-A001	FOUNDATION EXCAVATION FOR BRIDGES	C.Y.	913	
803-B002	CONVENTIONAL STATIC PILE LOAD TEST	EACH	3	
△ 803-D002	HP 12x53 STEEL PILING	L.F.	2,400	
803-D003	HP 14x73 STEEL PILING	L.F.	9,571	
803-I001	PDA TEST PILE	EACH	7	
803-J001	PILE RESTRIKE	EACH	4	
803-N001	EXPLORATION	L.F.	600	
907-607-PP019	SAFETY FENCE	L.F.	360	
907-804-A001	BRIDGE CONCRETE, CLASS "AA"	C.Y.	8,419	
907-804-C207	92' PRESTRESSED CONCRETE BEAM, TYPE IV	L.F.	914	
907-804-C201	102' PRESTRESSED CONCRETE BEAM, TYPE IV	L.F.	2,023	
907-804-C174	80' PRESTRESSED CONCRETE BEAM, TYPE IV	L.F.	794	
907-804-C266	99' PRESTRESSED CONCRETE BEAM, BT-72	L.F.	4,446	
907-804-C267	106' PRESTRESSED CONCRETE BEAM, BT-72	L.F.	5,717	
907-803-K003	DRILLED SHAFTS (54" DIA.)	L.F.	3,638	
907-803-L005	TEST SHAFTS (54" DIA.)	EACH	1	
907-803-M003	TRIAL SHAFTS (54" DIA.)	L.F.	80	
803-0009	TEMPORARY STEEL CASING (54" DIA.)	L.F.	1,500	
803-0020	PERMANANT CASING (54" DIA.)	L.F.	295	
810-A003	STRUCTURAL STEEL, A709 GRADE 50	LBS.	1,275,000	
805-A001	REINFORCEMENT	LBS.	2,038,201	
907-811-D001	DISC BEARING DEVICE	EACH	27	
813-A003	CONCRETE RAILING, 42"	L.F.	3,743	
815-D001	CONCRETE SLOPE PAVING	C.Y.	455	



DATE: 5-23-14

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES BRIDGES A & B	
100579/301000 PROJECT NO. STP-0062-02(017) RANKIN COUNTY	
MICHAEL BAKER, JR., INC. - CONSULTING ENGINEERS Jackson, Mississippi	WORKING NUMBER <b>50-BR-1</b>
DESIGNED MFC DETAILED ROH TRACED CADD CHECKED KJC ISSUED DATE 2014	SHEET NUMBER <b>8002</b>

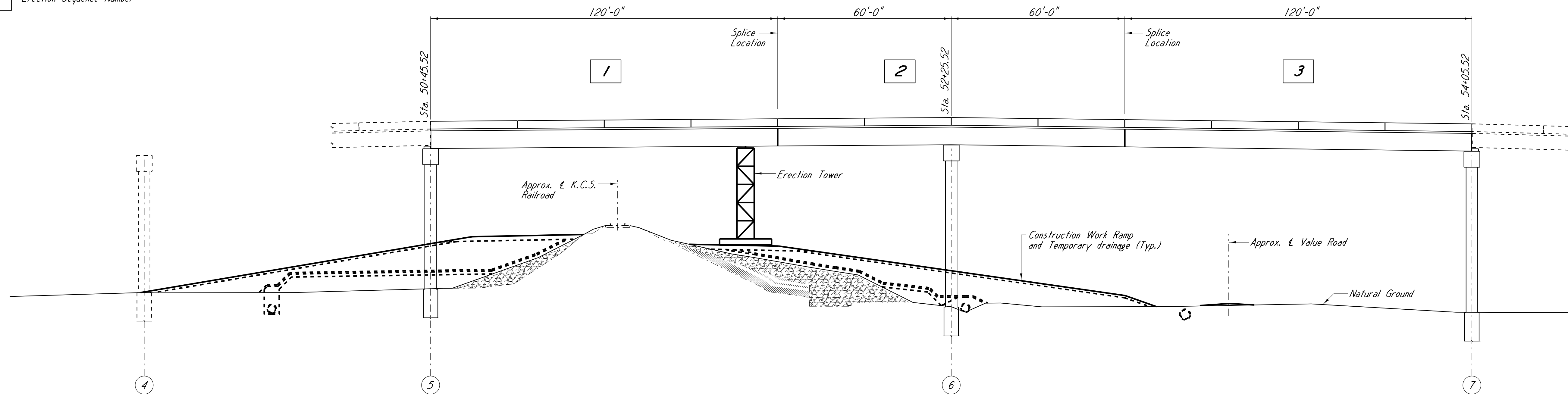
11/22/14	CHANGED PAY ITEM NUMBER	BY
	REVISIONS	

# ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0062-02(017)

## LEGEND:

# Erection Sequence Number



**SCHMATIC ERECTION SEQUENCE DIAGRAM - SPANS 5 AND 6**  
Scale 1" = 20'-0"

### GENERAL ERECTION REQUIREMENTS

The use of temporary supports (Erection Towers) is mandatory for this project.  
The erection procedure shown is to be used only as a guide and actual erection procedure should be determined by the Contractor.  
The Contractor shall be responsible for verifying the weight of each member and for ensuring the stability of each member during all phases of erection.  
The Contractor in addition to meeting the requirements outlined in CAMBER, DEFLECTION AND ERECTION NOTES for stability shall investigate each stage of the steel erection sequence. For each stage, girder stresses, vertical and out-of-plane girder displacements, crossframe forces, temporary support loads and girder stability need to be checked and calculations provided to the Bridge Engineer.  
The Contractor shall be responsible for determining the need for additional temporary lateral bracing.  
The final alignment and profile of the erected steel shall conform to the requirements of these plans. Measurements shall be made by the Contractor to verify these requirements.  
Members shall be subject to only small amounts of drifting in order to align holes. Any drifting that results in distortion of the member or damage to the holes will be cause for rejection of the member.  
Field reaming of holes will not be allowed unless specifically approved by the Bridge Engineer.  
The Contractor shall be responsible for designing and verifying adequacy of all temporary supports.  
The Contractor shall take the necessary precautions to locate and protect existing utilities in the areas of temporary Shoring as required to complete erection.

### NOTES:

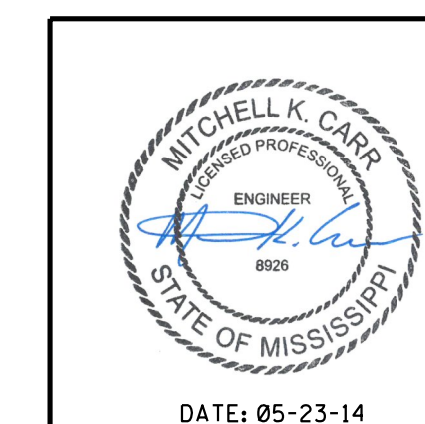
For GENERAL NOTES, see dwg. no. B1  
For additional Erection Notes, see CAMBER, DEFLECTION AND ERECTION NOTES on dwg. no. B47.  
For STRUCTURAL STEEL NOTES, see dwg. no. B50.

### CONTRACTOR NOTE:

Erection Sequence Shown Is For Concept Only.  
Actual Erection Sequence And All Associated Calculations Required To Ensure Stability Of Each Member During All Phases Of Erection Is The Responsibility Of The Contractor.

### NOTE:

Contractor shall be required to prepare and submit to KCSRR for approval, an Erection Plan for all work within the KCSRR right-of-way.



NO.	DATE	REMOVED NOTE	ADDED NOTE	BY	REVISIONS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION OVERPASS AT STA. 46+48.31 SCHEMATIC ERECTION SEQUENCE DIAGRAM	
PROJECT NO. 100579/30100 STP-0062-02(017) RANKIN COUNTY	
MICHAEL BAKER, JR., INC. - CONSULTING ENGINEERS Jackson, Mississippi	WORKING NUMBER B52 OF 71
DESIGNED MWB DETAILED MAD TRACED CADD	SHEET NUMBER 8092
CHECKED DKY ISSUED DATE 2012	