

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	ER-0006-03(043)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. ER-0006-03(043)

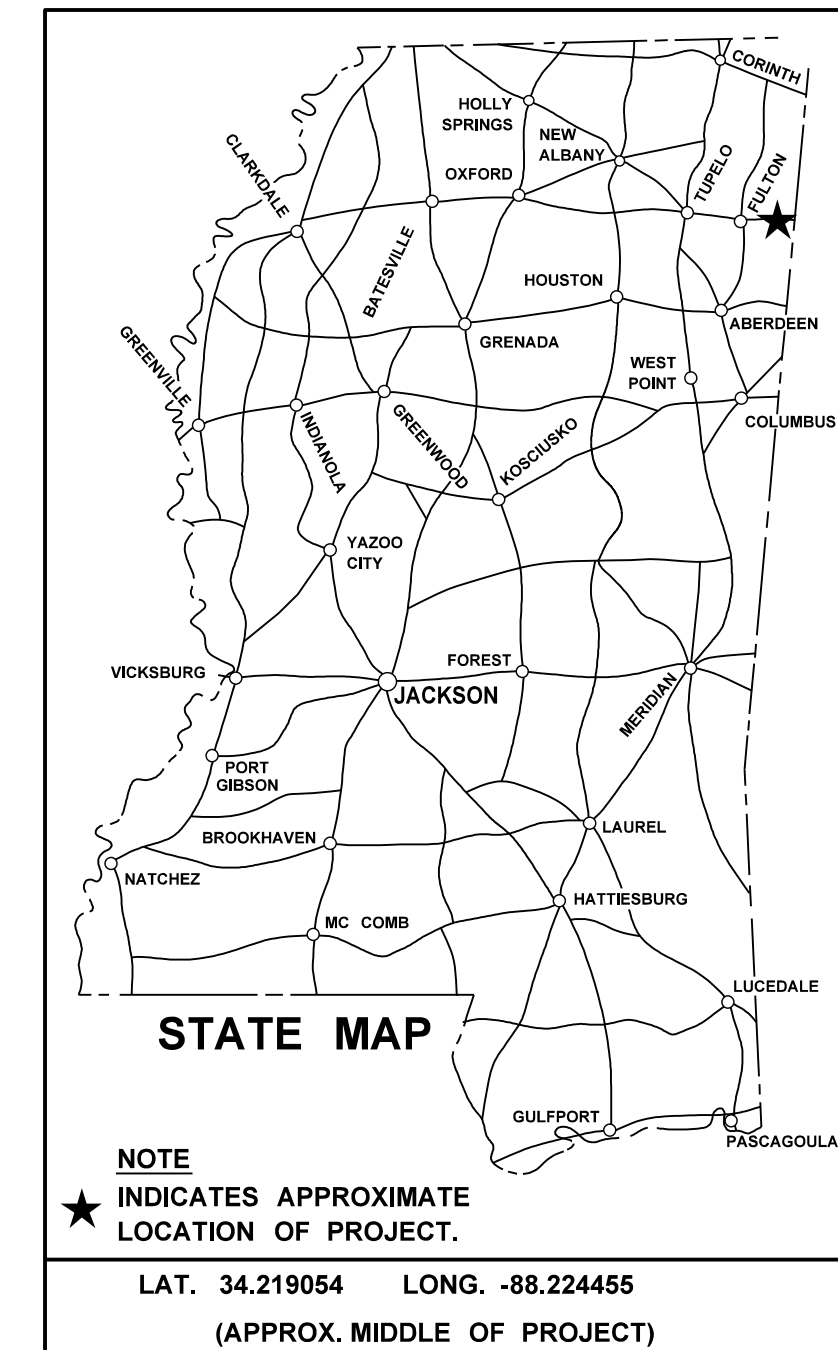
MM#115.9 & 116 WESTBOUND
MM#114.5 EASTBOUND
MM#115 EASTBOUND

FMS CON:108056/301000

108057/301000

108058/301000

SCALES
PLAN 1 IN. = 100 FT.
PROFILE { HOR. 1 IN. = 100 FT.
 VERT. 1 IN. = 10 FT.
LAYOUT 1 IN. = 3000 FT.



GENERAL INDEX

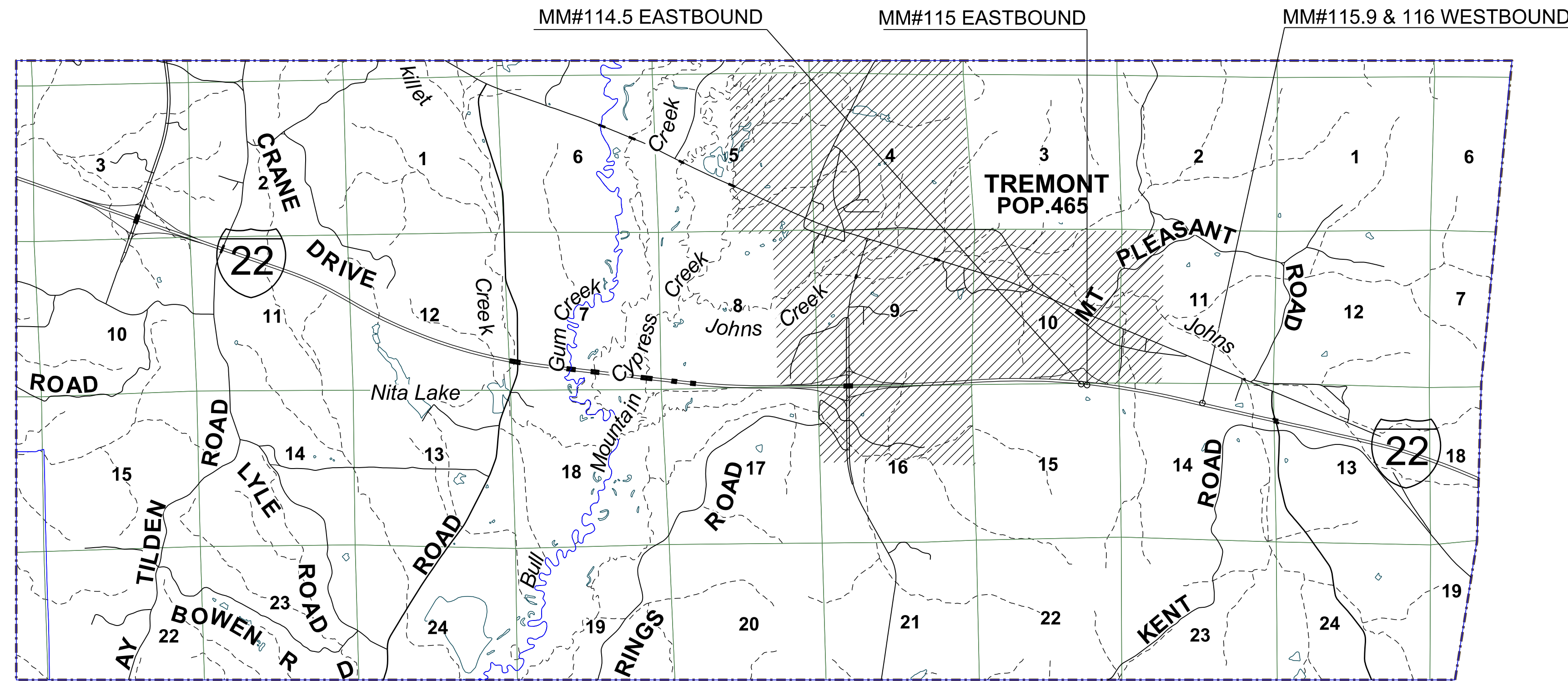
INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input type="checkbox"/> PERMANENT SIGNS	1001
<input type="checkbox"/> TRAFFIC SIGNALS	2001
<input type="checkbox"/> ITS COMPONENTS	3001
<input type="checkbox"/> LIGHTING	4001
<input type="checkbox"/> (RESERVED)	5001
<input checked="" type="checkbox"/> ROADWAY STANDARD DWGS	6001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (LRFD)	7001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
<input type="checkbox"/> BRIDGE	8001
<input type="checkbox"/> CROSS SECTIONS	9001

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE



DESIGN CONTROL

MPH = V (SPEED DESIGN)

ADT () = : ADT () =

DHV = : D = % T = %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS		
	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>

STORMWATER PERMIT

Y REQUIRED, CNOI 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: _____

CONVENTIONAL SYMBOLS

COUNTY LINE	-----
TOWN CORPORATION LINE	-----
SECTION LINE	-----
EXISTING ROAD OR TRAVELED WAY	-----
PROPOSED ROAD OR TRAVELED WAY	-----
RAILROAD	-----
SURVEY LINE	-----
BRIDGES	-----

EQUATIONS

NONE

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	FT.	MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)	FT.	MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)	FT.	MI.

P S & E DATE: 08/18/20

APPROVED: _____

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

9/3/2020 1:39:53 PM IT TLESH-I-22.DGN

STATE	PROJECT NO.
MISS.	ER-0006-03(043)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE SHEET (1)	TS-1	1
DETAILED INDEX & GENERAL NOTES (2)		
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ESTIMATED QUANTITIES - SUMMARY OF TRAFFIC CONTROL	EQ-1	9
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STABILIZATION PILE SCHEDULE - MM 114.5 SLIDE SITE	WK-2	12
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DETAIL - MM 115 SLIDE SITE	WK-17	27
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BORING LOGS - MM 115 SLIDE SITE	WK-19	29
CONSTRUCTION SEQUENCE - MM 116 SLIDE SITE	WK-20	30
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FINAL GRADING - MM 116 SLIDE SITE	WK-22	32
PROPOSED CONDITIONS (SECTION D-D) - MM 116 SLIDE SITE	WK-23	33
PROPOSED CONDITIONS (SECTION E-E) - MM 116 SLIDE SITE	WK-24	34
DETAIL - MM 116 SLIDE SITE	WK-25	35
DETAIL - MM 116 SLIDE SITE	WK-26	36
EXISTING CONDITIONS (SECTION D-D) - MM 116 SLIDE SITE	WK-27	37
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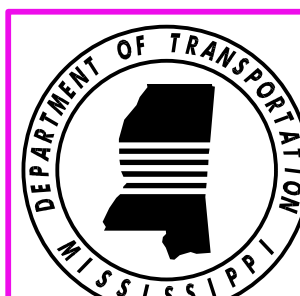
DESCRIPTION OF SHEET

WKG. NO. SH. NO.

STANDARD DRAWINGS - ROADWAY SHEETS (21) AUG. 1, 2017 VERSION		
TYPICAL TEMPORARY EROSION CONTROL / SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	6104
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TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATE AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)	TCP-4	6354
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATE AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)	TCP-5	6355
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
LOCATION OF R16-3 SIGNS (SPEEDING FILES DOUBLED)	TCP-15	6364
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-16	6365
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	GT-1	6404
TOTAL SHEETS (77)		

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PS & E PLANS-DATE 08/18/20		
FMS CON: 108056/301000/108057/301000/108058/301000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
	
PROJ. NO.: ER-0006-03(043) COUNTY: ITAWAMBA	
FILE NAME: DI.DGN DESIGN TEAM _____ CHECKED _____ DATE _____	WORKING NUMBER DI-1 SHEET NUMBER 2

GENERAL NOTES


- ① THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- ② ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- ③ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- ④ A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
- ⑤ 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- ⑥ THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
- ⑦ ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC, THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
- ⑧ VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE COST OF WHICH WILL BE ABSORBED IN OTHER ITEMS BID.
- ⑨ UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
- ⑩ WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION OR ANY STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
- ⑪ WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- ⑫ STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
- ⑬ FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- ⑭ SMALL AMOUNTS OF EXCAVATION MAY BE NECESSARY AT SOME OF THE SITES. THIS MATERIAL MAY BE USED AS E.S.F.E. MATERIAL AND WILL BE PAID FOR BORROW. NO E.S.F.E. MATERIAL SHALL BE REMOVED FROM THE PROJECT WITHOUT THE APPROVAL OF THE ENGINEER.
- 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 THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U. S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION. ANY ADDITIONAL SILT BASINS NOT SHOWN IN THE PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.
- ⑰ PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 4" TOPSOIL IS TO BE STRIPPED AND STOCKPILED. AFTER THE GRADING OPERATIONS ARE COMPLETED, SAID TOPSOIL SHALL BE PLACED ON ALL AREAS THAT ARE NOT TO BE PAVED OR OTHERWISE PROTECTED, IN ACCORDANCE WITH SECTION 211 OF THE SPECIFICATIONS, OR THE VEGETATION SCHEDULE (SEE WK. SH. VS-1). EXISTING TOPSOIL AND ALL COSTS ASSOCIATED WITH STRIPPING, HAULING, STOCKPILING, AND PLACEMENT OF THE EXISTING TOPSOIL IS TO BE ABSORBED IN OTHER EARTHWORK ITEMS.
- ⑱ ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- ⑲ 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 USERS RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY REGARDLESS OF COLOR.
- ⑳ ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NOT BE MAILED. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.

GENERAL NOTES (CONT.)

- ㉑ VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- ㉒ THE CONTRACTOR SHALL REPAIR ANY DAMAMGE TO THE SURFACE TREATED SHOULDERS THAT MIGHT OCCURE DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH SECTION 410 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.
- ㉓ THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNGS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- ㉔ THE RETROREFLECTIVE SIGN SHEETING ON RIGID , TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM IX.
- ㉕ LIST OF PUBLIC UTILITIES
A. TENNESSEE VALLEY AUTHORITY

STATE	PROJECT NO.
MISS.	ER-0006-03(043)

9/3/2020 1:39:56 PM:GN-122 PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
			
		PROJ. NO.: ER-0006-03(043) COUNTY: ITAWAMBA	
		WORKING NUMBER GN-1	
		FILENAME: GN-I22.DGN SHEET NUMBER 3	
REVISION	BY	DATE	DESIGN TEAM
			CHECKED
			DATE

STATE	PROJECT NO.
MISS	ER-0006-03(043)/ER-0006-03(043)/ER-0006-03(043)


SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	ITAWAMBA : 108056-301000	
			Prelim	Final
	EARTHWORK			
201-B001	Clearing and Grubbing	ACRE	2	
202-B116	Removal of Debris, LVM	CY	50	
203-EX021	Borrow Excavation, AH, FME, Class B9-6	CY	5,630	
203-G002	Excess Excavation, LVM, AH	CY	910	
206-A001	Structure Excavation	CY	40	
	ROADSIDE DEVELOPMENT			
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	538	
213-C001	Superphosphate	TON	1	
216-A001	Solid Sodding	SY	2,400	
219-A001	Watering	KGAL	48	
220-A001	Insect Pest Control	ACRE	1	
221-A001	Concrete Paved Ditch	CY	1	
223-A001	Mowing	ACRE	2	
225-A001	Grassing	ACRE	1	
225-B001	Agricultural Limestone	TON	2	
225-C001	Mulch, Vegetative Mulch	TON	2	
226-A001	Temporary Grassing	ACRE	1	
907-228-A002	Erosion Control Blanket, Type II	SY	2,400	
234-A001	Temporary Silt Fence	LF	535	
237-A002	Wattles, 20"	LF	505	
246-B001	Rockbags	EA	15	
249-A001	Riprap for Erosion Control	TON	10	
	DRAINAGE			
605-AA003	Geotextile for Subsurface Drainage, Type V, Non-Woven	SY	320	
605-O004	6" Perforated Sewer Pipe for Underdrains, SDR 23.5	LF	480	
605-P004	6" Non-perforated Sewer Pipe for Underdrains, SDR 23.5	LF	10	
605-X002	Filter Material for Filter Beds, Type A	CY	40	
605-X003	Filter Material for Filter Beds, Type B	CY	670	
605-Z002	Underdrain Appurtenances, Elbows, Couplings, etc.	LS	1	
605-Z003	Underdrain Appurtenances, Sign	EA	1	
605-Z006	Underdrain Appurtenances, Small Animal Guard	EA	1	
	INCIDENTAL CONSTRUCTION			
618-A001	Maintenance of Traffic	LS	1	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	16	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	228	
619-G4005	Barricades, Type III, Single Faced	LF	24	
620-A001	Mobilization	LS	1	
699-A001	Roadway Construction Stakes	LS	1	

①

②

- ① REMOVAL OF DEBRIS INCLUDES THE REMOVAL OF ACCUMULATED DEBRIS AND SEDIMENT FROM THE PAVED DITCH.
- ② ESTIMATED 20 GALLONS PER SQ. YD. OF SOLID SOD.


By		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		SUMMARY OF QUANTITIES	
Revision	Date		
FILENAME: SQS-I-22 Design Team		Checked	Date
		Sheet Number 4	

STATE	PROJECT NO.
MISS	ER-0006-03(043)/ER-0006-03(043)/ER-0006-03(043)

SUMMARY OF QUANTITIES (SHEET 2)

PAY ITEM NO.	PAY ITEM	UNIT	ITAWAMBA : 108057-301000	
			Prelim	Final
	EARTHWORK			
201-B001	Clearing and Grubbing	ACRE	2	
202-B116	Removal of Debris, LVM	CY	100	②
203-EX041	Borrow Excavation, AH, LVM, Class B9-6	CY	180	
203-G002	Excess Excavation, LVM, AH	CY	180	
203-I002	Site Grading	SY	6,250	
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	1,076	
	ROADSIDE DEVELOPMENT			
213-C001	Superphosphate	TON	1	
216-A001	Solid Sodding	SY	4,500	
219-A001	Watering	KGAL	90	③
220-A001	Insect Pest Control	ACRE	2	
221-A001	Concrete Paved Ditch	CY	2	
223-A001	Mowing	ACRE	4	
225-A001	Grassing	ACRE	2	
225-B001	Agricultural Limestone	TON	4	
225-C001	Mulch, Vegetative Mulch	TON	4	
226-A001	Temporary Grassing	ACRE	2	
907-228-A002	Erosion Control Blanket, Type II	SY	4,500	
234-A001	Temporary Silt Fence	LF	690	
237-A002	Wattles, 20"	LF	715	
246-B001	Rockbags	EA	8	
249-A001	Riprap for Erosion Control	TON	10	
	INCIDENTAL CONSTRUCTION			
618-A001	Maintenance of Traffic	LS	1	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	16	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	228	
619-G4005	Barricades, Type III, Single Faced	LF	24	
620-A001	Mobilization	LS	1	
699-A001	Roadway Construction Stakes	LS	1	
803-D006	HP 14 x 73 Steel Piling	LF	6,105	①

- ① ALL HP 14X73 PILES SHALL BE EQUIPPED WITH COMPATIBLE BITE POINT OR PILE SHOE SHALL ABSORBED PER 803.04.3 AND 803.05.4.
- ② REMOVAL OF DEBRIS INCLUDES THE REMOVAL OF ACCUMULATED DEBRIS AND SEDIMENT FROM THE PAVED DITCH.
- ③ ESTIMATED 20 GALLONS PER SQ. YD. OF SOLID SOD.


By	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
	SUMMARY OF QUANTITIES	
Revision	 PROJ NO: ER-0006-03(043) COUNTY: ITAWAMBA	
Date	FILENAME: SQS-I-22	Sheet Number 5
	Design Team	Checked Date

STATE	PROJECT NO.
MISS	ER-0006-03(043)/ER-0006-03(043)/ER-0006-03(043)

SUMMARY OF QUANTITIES (SHEET 3)

PAY ITEM NO.	PAY ITEM	UNIT	ITAWAMBA : 108058-301000	
			Prelim	Final
	EARTHWORK			
201-B001	Clearing and Grubbing	ACRE	1	
202-B116	Removal of Debris, LVM	CY	50	
203-EX041	Borrow Excavation, AH, LVM, Class B9-6	CY	500	
203-G002	Excess Excavation, LVM, AH	CY	500	
203-I002	Site Grading	SY	520	
206-A001	Structure Excavation	CY	65	
	ROADSIDE DEVELOPMENT			
213-C001	Superphosphate	TON	1	
216-A001	Solid Sodding	SY	1,200	
219-A001	Watering	KGAL	24	②
220-A001	Insect Pest Control	ACRE	1	
221-A001	Concrete Paved Ditch	CY	1	
223-A001	Mowing	ACRE	2	
225-A001	Grassing	ACRE	1	
225-B001	Agricultural Limestone	TON	2	
225-C001	Mulch, Vegetative Mulch	TON	2	
226-A001	Temporary Grassing	ACRE	1	
907-228-A002	Erosion Control Blanket, Type II	SY	1,200	
234-A001	Temporary Silt Fence	LF	215	
246-B001	Rockbags	EA	2	
249-A001	Riprap for Erosion Control	TON	10	
	DRAINAGE			
605-AA003	Geotextile for Subsurface Drainage, Type V, Non-Woven	SY	160	
605-O004	6" Perforated Sewer Pipe for Underdrains, SDR 23.5	LF	180	
605-P004	6" Non-perforated Sewer Pipe for Underdrains, SDR 23.5	LF	25	
605-X002	Filter Material for Filter Beds, Type A	CY	15	
605-X003	Filter Material for Filter Beds, Type B	CY	535	
605-Z002	Underdrain Appurtenances, Elbows, Couplings, etc.	LS	1	
605-Z003	Underdrain Appurtenances, Sign	EA	2	
605-Z006	Underdrain Appurtenances, Small Animal Guard	EA	2	
	INCIDENTAL CONSTRUCTION			
618-A001	Maintenance of Traffic	LS	1	
907-619-E3001	Changeable Message Sign	EA	1	①
620-A001	Mobilization	LS	1	
699-A001	Roadway Construction Stakes	LS	1	
815-A002	Loose Riprap, Size 100	TON	740	
815-E001	Geotextile under Riprap	SY	1,500	③

- ① MAY BE USED AT ALL WORK SITES.
- ② ESTIMATED 20 GALLONS PER SQ. YD. OF SOLID SOD.
- ③ QUANTITY TO BE PLACED UNDER SIZE 100 RIPRAP.


By		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		SUMMARY OF QUANTITIES	
Revision	Date		
FILENAME: SQS-I-22 Design Team		Working Number	6
Checked _____ Date _____		Sheet Number	6

STATE	PROJECT NO.
MISS	ER-0006-03(043)/ER-0006-03(043)/ER-0006-03(043)

SUMMARY OF QUANTITIES (SHEET 4)

PAY ITEM NO.	PAY ITEM	UNIT	Total Amount	
			Prelim	Final
	EARTHWORK			
201-B001	Clearing and Grubbing	ACRE	5	
202-B116	Removal of Debris, LVM	CY	200	
203-EX021	Borrow Excavation, AH, FME, Class B9-6	CY	5,630	
203-EX041	Borrow Excavation, AH, LVM, Class B9-6	CY	680	
203-G002	Excess Excavation, LVM, AH	CY	1,590	
203-I002	Site Grading	SY	6,770	
206-A001	Structure Excavation	CY	105	
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	1,076	
	ROADSIDE DEVELOPMENT			
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	538	
213-C001	Superphosphate	TON	3	
216-A001	Solid Sodding	SY	8,100	
219-A001	Watering	KGAL	162	
220-A001	Insect Pest Control	ACRE	4	
221-A001	Concrete Paved Ditch	CY	4	
223-A001	Mowing	ACRE	8	
225-A001	Grassing	ACRE	4	
225-B001	Agricultural Limestone	TON	8	
225-C001	Mulch, Vegetative Mulch	TON	8	
226-A001	Temporary Grassing	ACRE	4	
907-228-A002	Erosion Control Blanket, Type II	SY	8,100	
234-A001	Temporary Silt Fence	LF	1,440	
237-A002	Wattles, 20"	LF	1,220	
246-B001	Rockbags	EA	25	
249-A001	Riprap for Erosion Control	TON	30	
	DRAINAGE			
605-AA003	Geotextile for Subsurface Drainage, Type V, Non-Woven	SY	480	
605-O004	6" Perforated Sewer Pipe for Underdrains, SDR 23.5	LF	660	
605-P004	6" Non-perforated Sewer Pipe for Underdrains, SDR 23.5	LF	35	
605-X002	Filter Material for Filter Beds, Type A	CY	55	
605-X003	Filter Material for Filter Beds, Type B	CY	1,205	
605-Z002	Underdrain Appurtenances, Elbows, Couplings, etc.	LS	1	
605-Z003	Underdrain Appurtenances, Sign	EA	3	
605-Z006	Underdrain Appurtenances, Small Animal Guard	EA	3	
	INCIDENTAL CONSTRUCTION			
618-A001	Maintenance of Traffic	LS	1	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	32	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	456	
907-619-E3001	Changeable Message Sign	EA	1	

- ① REMOVAL OF DEBRIS INCLUDES THE REMOVAL OF ACCUMULATED DEBRIS AND SEDIMENT FROM THE PAVED DITCH.
- ② MAY BE USED AT ALL WORK SITES.
- ③ ESTIMATED 20 GALLONS PER SQ. YD. OF SOLID SOD.


MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES - PROJECT TOTALS	
	Working Number SQ-4
PROJ NO: ER-0006-03(043)/ER-0006-03(043)/ER-000 FMS: 108056-301000/108057-301000/108058-30100	
Date Design Team	FILENAME: SQS-I-22 Checked _____ Date _____
Sheet Number 7	

STATE	PROJECT NO.
MISS	ER-0006-03(043)/ER-0006-03(043)/ER-0006-03(043)

SUMMARY OF QUANTITIES (SHEET 5)

PAY ITEM NO.	PAY ITEM	UNIT	Total Amount	
			Prelim	Final
619-G4005	Barricades, Type III, Single Faced	LF	48	
620-A001	Mobilization	LS	1	
699-A001	Roadway Construction Stakes	LS	1	
803-D006	HP 14 x 73 Steel Piling	LF	6,105	①
815-A002	Loose Riprap, Size 100	TON	740	
815-E001	Geotextile under Riprap	SY	1,500	②

- ① ALL HP 14X73 PILES SHALL BE EQUIPPED WITH COMPATIBLE BITE POINT OR PILE SHOE SHALL ABSORBED PER 803.04.3 AND 803.05.4.
- ② QUANTITY TO BE PLACED UNDER SIZE 100 RIPRAP.

Revision	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
	SUMMARY OF QUANTITIES - PROJECT TOTALS	
Date	PROJ NO: ER-0006-03(043)/ER-0006-03(043)/ER-000	 Working Number SQ-5
	FMS: 108056-301000/108057-301000/108058-30100	
	FILENAME: SQS-I-22	Sheet Number
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