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To all SR 9 Design Build Proposers

ADDENDUM 2
STP-2833-00(0040) / 105094-101000

Pontotoc County

Dear Sir or Madam:

Please attach to and make a part of the proposal assembly the attached sheets:

Insert Page 60A, replace pages 220, 231, 233, 240, 245 and 246, insert R/W maps and Marker Sheets following page 326, insert Corps Correspondence following page 293. Also attached is Sheet 2 of Section 905 – Proposal (Addendum No. 2), this sheet should be substituted for similar sheet now in the proposal.

Kindly acknowledge receipt and attachment of the proposal sheets by signing below and returning this letter.

Yours very truly,

B. B. House, P.E.
Contract Administration Engineer

Contractor

By _____

Date _____

SECTION 905

I (We) enclose a certified check, cashier's check or bid bond for **five percent (5%) of total price proposed** 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 (proposal guarantee 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.

Proposer acknowledges receipt of and has added to and made a part of the Proposal and Contract documents the following addendum (addenda):

ADDENDUM NO. **01** DATED **3/08/11** ADDENDUM NO. ___ DATED _____
ADDENDUM NO. **02** DATED **4/05/11** ADDENDUM NO. ___ DATED _____
ADDENDUM NO. ___ DATED _____ ADDENDUM NO. ___ DATED _____
ADDENDUM NO. ___ DATED _____ ADDENDUM NO. ___ DATED _____

TOTAL ADDENDA: **2**
(Must agree with total addenda issued prior to opening of bids)

Number	Description
01	Insert S.O.P. TMD 20-14-00-000 following page 257, insert MSR-105892 Certificate, Notice of Intent, and General Permit 46 following page 293, replace "draft Bridge Geotechnical Report" with attached final "Bridge Geotechnical Report", replace sheets 107, 228, 229, 242 and 275.
02	Insert Page 60A, replace pages 220, 231, 233, 240, 245 and 246, insert R/W maps and Marker Sheets following page 326, insert Corps Correspondence following page 293.

Respectfully Submitted,

DATE _____

Contractor

BY _____
Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

EMAIL _____

(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

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO PROPOSERS NO. 3094 DB

CODE: (SP)

DATE: 03/10/2011

SUBJECT: Completion of Side Roads

PROJECT:

Completion of the work for this project will include the reconstruction of several side roads that currently provide access to the existing SR 9. The Contractor shall make every effort to reduce the detour impact to local residents by either constructing a detour route or by completing the work on the side road as quickly as possible.

The following conditions are allowable and should be used in developing plans to complete the side road construction:

Build under traffic/maintain traffic during construction

1. Cole Drive (Sta. 63+50 Lt)
2. Kiersten's Lane (Sta. 70+19 Lt)
3. Bridgeman Loop (Sta. 73+61 Rt)
4. SR 9 Connection (Sta. 84+00 Lt)
5. Dozier Hill Road (Sta. 363+78)
6. SR 9 Connection (Sta. 546+00 Lt)

Construct relocated section of Co. Rd. and open on an acceptable riding surface prior to closing the existing road

1. Nanney Road Sta. 132+00)
2. Russell Road (Sta. 163+60)
3. Morphis Road (Sta. 252+75)
4. Dillard Road (Sta. 314+00)
5. Cochran Road (Sta. 491+25)

Construct Detour

1. Endville Road (Sta.398+22)
2. Eads Road (518+71)

Close Road

1. Thomas Road (Sta.233+64)*

*Thomas Road can be closed thru the limits of construction, however, access must be maintained to the drive at Sta. 30+82

Thomas Road must be opened on an acceptable riding surface within 45 days (date of closure to date of traffic being allowed to use)

Any change in the above approach to side road construction shall be submitted to and approved by the MDOT Resident Engineer.

SECTION 5.0 - ENVIRONMENTAL COMPLIANCE

discharge locations. MDOT, FHWA and all duly Authorized Representatives shall be allowed access to all parts of the Work in order to access the water quality discharge monitory system.

5.5 Protection of Archeological and Paleontological Remains and Materials

1. If archeological or paleontological remains are uncovered, the Contractor shall immediately halt operation in the area of the discovery and notify MDOT.
2. Archeological remains consist of any materials made or altered by man which remain from historic or prehistoric times (i.e. older than 50 years). Examples include old pottery fragments, metal, wood, arrowheads, stone implements or tools, human burials, historic docks, structures or not recent (i.e. older than 100 years) vessel ruins. Paleontological remains consist of old animal remains, original or fossilized, such as teeth, tusks, bone, or entire skeletons.
3. MDOT will have the authority to suspend the Work for the purpose of preserving, documenting, and recovering the remains and materials of archeological and paleontological importance for the State. The Contractor shall carry out all instructions of MDOT for the protection of archeological or paleontological remains, including steps to protect the Site from vandalism and unauthorized investigations, from accidental damage and from dangers such as heavy rainfall or runoff.

5.6 Wetlands and Water Quality Mitigation

1. The Contractor shall fulfill the terms and conditions of both the Clean Water Act Section 404 permit and the Section 401 Water Quality Certification, as required by the U.S. Army Corps of Engineers and the Mississippi Department of Natural Resources, respectively. The Contractor shall be responsible only for the #1-stream and/or wetland mitigation required due to Contractor revised plans to fulfill the permitting requirements.
2. The Contractor shall maintain the natural low flow characteristics of all stream crossings, including temporary crossings as required in the approved permits.
3. The Contractor shall provide the following list of deliverable items when applicable*:
 - Wetland and stream mitigation engineering drawings;
 - Constructed wetland and stream mitigation that meets standards of regulating agencies;
 - Copy of permit applications*;
 - Copy of approved permits*; and
 - Certificate of completed mitigation.

* Permit applications and approved permits for areas outside of the Right-of-Way and for permits required due to changes in the permits obtained by MDOT due to the Contractor’s design or construction methods.

5.7 Regulatory Compliance

All environmental permits within the MDOT acquired right-of-way will be acquired by MDOT based on the potential design provided by MDOT. Compliance with all permits will be the responsibility of the Contractor. The Contractor will be responsible for acquiring and complying with any new or additional

SECTION 10.0 - GEOTECHNICAL

10.5.2 Drilled Shafts

The Contractor shall verify the design capacity of the drilled shafts at each Site by means of a full-scale load test. A "Site" for the purposes of Drilled Shafts shall be considered as follows: Both Bridge Structures A shall be considered one Site, Both Bridge Structures B shall be considered one Site, the Bridge Structures C, D, E and F shall be considered on Site, the Bridge Structure G shall be considered one Site. The load test(s) shall be conducted in representative soil conditions where unit side friction capacities are measured in each soil layer which was encountered during design of the production shafts at the Site. The unit end bearing capacity shall be measured in the soil layer where the deepest shaft at the Site will be founded. The load test shall be conducted using shaft(s) constructed in a manner and of dimensions and materials identical to those planned for the production shafts. For bridges where shafts of multiple diameters are to be used, a single full-scale load test may represent production shafts with diameters within 6 inches of the test shaft diameter.

Each test shaft and production shaft shall be tested to determine verticality, diameter and volume prior to concrete placement using an acoustic measuring device such as the SoniCaliper Testing System (SCTS). Caliper testing occurs between the completion of excavation and final clean out and the installation of the reinforcing steel cage prior to concreting. At a minimum, caliper readings shall be taken every 5 feet in uncased portions, every 1 foot within 5 feet of the bottom of casing, and every 20 feet in the casing. If telescoping casing is used, take readings every 1 foot for 5 feet above and below each casing transition.

The Contractor shall prepare inspection logs documenting each shaft construction activity, including casing installation, excavation, shaft bottom inspection, reinforcement installation and concrete placement. The logs shall fully document the work performed with frequent reference to date, time and casing/excavation elevation. In addition, the Contractor shall prepare and submit the logs documenting any subsurface investigation borings or rock core holes performed for the Contract at drilled shaft foundation locations.

Records for temporary or permanent casing shall include at least the following information: diameter and wall thickness of the casing; dimensions of any casing reinforcement; top and bottom elevations for the casing; method and equipment used for casing installation; any problems encountered during casing installation; and the name of the inspector.

The shaft excavation log shall contain at least the following information: identification number, location, and surface elevation of the shaft; description and approximate top and bottom elevation of each soil or rock material encountered; seepage or groundwater conditions; type and dimensions of tools and equipment used, and any changes to the tools and equipment; type of slurry used, if any, and the results of the slurry tests; any problems encountered; elevation of any changes in the shaft diameter; and the name of the inspector and any changes in the inspector.

Concrete placement records shall included at least the following information: concrete mix used; time of start and end of concrete placement; volume and start/end time for each truck load placed; concrete test results; concrete surface elevation and corresponding tremie tip elevation periodically during concrete placement; concrete yield curve (volume versus concrete elevation, actual and theoretical); and the name of the inspector.

A full set of shaft inspection logs for an individual drilled shaft shall be submitted within 2 days of the completion of concrete placement at the shaft.

SECTION 11.0 - SIGNING, PAVEMENT MARKING

11.0 SIGNING, PAVEMENT MARKING**11.1 Signing**

Signage shall be designed and constructed by Contractor to include all regulatory, warning, route marker, guide and information signs, and trailblazer signs.

All regulatory, warning, route marker, guide and information signs, mounting requirements and vertical and horizontal clearances shall conform to the MUTCD and MDOT Standard Plans, and the requirements specified herein. Design and placement of signs shall consider future roadway widening.

All signs placed within Project Right-of-Way shall conform to all MDOT design policy, criteria, standards and specifications.

Sign posts and structures shall be designed and constructed in accordance with MDOT design policy, specifications and standards, and AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals. Sign structures shall be constructed utilizing structural steel.

The Contractor's design shall address modifications to permanent signing outside the Project Right-of-Way that are made inaccurate, ineffective, confusing or unnecessary by the Project.

All existing sign panels that require modification shall be replaced with new sign panels and supports.

11.2 Pavement Marking**11.2.1 Permanent Pavement Marking**

Pavement markings shall be designed in accordance with the MUTCD and MDOT Standard Drawings. The permanent pavement marking system on MDOT owned roadways shall be according to Table 11.2.1

11.2.2 Temporary Pavement Marking

Temporary Pavement markings shall be designed in accordance with the MUTCD and MDOT Standard Drawings. The temporary pavement marking system shall be according to the Mississippi Standard Specifications for Road and Bridge Construction and Roadway Design Standard Drawings.

11.3 Traffic Signals

~~Contractor shall design and install traffic signals at all warranted locations. Provision for future signalization shall be made at all interchange ramp intersection terminals. Pull boxes and conduit shall be installed.~~

~~Contractor shall be responsible for the design and construction of signal control at ramp terminals at interchanges when warranted. Warrant analysis will be in accordance with MUTCD requirements.~~

~~Contractor shall prepare traffic signal warrant analyses using the Project traffic from the toll revenue study created by the Contractor or actual traffic counts taken at each location. The warrant analyses and recommendations will be presented to MDOT for its approval.~~

~~Signal design and hardware will be compatible with that used by MDOT and will be standard tapered poles and mast arms.~~

SECTION 11.0 - SIGNING, PAVEMENT MARKING

~~Contractor shall prepare a complete design, furnish and install a complete traffic signal system for all traffic signals to be installed as part of the Project. If MDOT has a central computerized traffic system operating on an existing crossroad or has a "progressive" signal system in place, Contractor shall coordinate its design and construction to interface with such systems.~~

~~Contractor shall install controllers at all signalized interchanges when warranted. Type of controller will be approved by MDOT.~~

SECTION 13.0 - ROADWAYS AND PAVEMENTS

Table 13.5-1 Typical Roadway Section Criteria

	SR 9 (Mainline)	Endville Road	Local Rural Roads	Loop Ramps
Functional Classification	Rural Arterial	Rural Collector	Local Rural Road	Rural Arterial
Design Speed	65 mph	55 mph	30 mph	30 mph
Control of Access	Partial (Type 2B)	Type 3	Type 3	Partial (Type 2B)
Number of Through Lanes	4	2	2	2
Lane Width	12 ft.	12 ft.	12 ft.	16 ft.
Outside Shoulder Width, Usable	10 ft.	8 ft.	6 ft.	10 ft.
Outside Shoulder Width, Surfaced	2 ft.	2 ft.	2 ft.	2 ft.
Median Shoulder Width, Usable	8 ft.	NA	NA	NA
Median Shoulder Width, Surfaced	2 ft.	NA	NA	NA
Auxiliary Lane Width	12 ft.	NA	NA	N/A
Auxiliary Lane Shoulder Width	10 ft. usable 0 ft. surfaced	NA	NA NA	N/A
Median Type	Depressed	NA	NA	N/A
Median Minimum Width	101 ft.	NA	NA	NA
Cross Slope Travel Lane	2%	2%	2%	2% or SE
Cross Slope Shoulder	4 %	4 %	4 %	4 %
New Bridge Minimum Width	T.W. +10ft (out)+6ft (Med)	44 ft.	Approach Roadway Width	Approach Roadway Width
Roadside Clear Zone (Obstruction)	30 ft.	See Note 10	See Note 10	See Note 10
Cut Foreslope (Within Clear Zone)	6:1	4:1	4:1	6:1
Depth of Ditch	4 ft.	3 ft.	3 ft.	4 ft.
Cut Backslope	3:1	3:1	3:1	3:1
Safety Slope (Within clear Zone)	6:1	4.1	4.1	6:1
Fill Slope (Outside Clear Zone)	3:1	3:1	3:1	3:1
Stopping Sight Distance (AASHTO)	645 ft.	495 ft.	200 ft.	200 ft.
Maximum Horizontal Curve	4° 15'	6° 30'	26°45'	26°45'
Superelevation Rate	See table 3-4 A figure SDSE-2A (e _{max} =0.10)	See figure 14-2A SDSE-2A (e _{max} =0.10)	See table 14- 2Bfigure SDSE-1 (e_{max} = 0.10)	See table 3-4 A figure SDSE-2A (e _{max} =0.10)
Maximum Grade	4%	6.5%	10%	6.5%
Vertical Curve K Factor (Crest) (MDOT)	228	150	30	30
Vertical Curve K Factor (Sag) (AASHTO)	157	115	37	37

SECTION 15.0 - STRUCTURES

15.0 STRUCTURES

The following applies to all bridges and box bridges designed by the Contractor.

15.1 Design Methodology

All structural components of the Project shall be designed by the AASHTO Load and Resistance Factor Design methodology.

15.2 Loads and Forces

The structures contained in this Project shall be proportioned for loads and forces in accordance with the latest edition of AASHTO LRFD Bridge Design Specifications.

15.2.1 Live Loads

Live loads shall be calculated in accordance with AASHTO Bridge Design Specification Section 3. Vehicular live loading on the roadway of bridges or incidental structures shall be HL-93.

15.2.2 Thermal Movement

Thermal movement shall be calculated in accordance with AASHTO Subsection 3.12, Procedure A as modified below.

- a. Median Temperature at the time of erection: 60° F
- b. Design Temperature Ranges:

Steel Structures:

$$T_{\max} = 120^{\circ} \text{ F}$$

$$T_{\min} = 0^{\circ} \text{ F}$$

Concrete Structures:

$$T_{\max} = 110^{\circ} \text{ F}$$

$$T_{\min} = 10^{\circ} \text{ F}$$

15.3 General Requirements for Bridges**15.3.1 Bridge Superstructures**

- a. All bridges on this Project shall have cast-in-place reinforced concrete bridge decks supported by precast-prestressed concrete girders, precast-prestressed post-tensioned concrete girders, steel plate girders or steel tub girders. In no case shall the exterior girders have less carrying capacity than an interior girder.

SECTION 15.0 - STRUCTURES

- b. Steel bridge superstructures shall be continuous over a minimum of two piers. Prestressed concrete bridges shall be made continuous for live loads over two or more piers or shall be similar to that shown in the 100% Bridge Plans provided by MDOT.
- c. Stay-in-place deck forms or precast concrete deck panels shall not be used.
- d. The minimum number of longitudinal girders supporting a bridge cross section shall be no less than four (4). In no case shall the maximum girder spacing be greater than 10'-0".
- e. No fracture critical members, connections, or pin and link type connections are allowed.
- f. Structures shall have members and details that utilize redundant load paths.
- g. All steel plate girder or steel tub girders spans shall be curved to match the horizontal curvature of the alignment. Precast-prestressed concrete girder spans shall not be utilized when the horizontal curvature of the alignment results in an offset of 10-inches or more in a span measured between the chord as defined by the straight girder and the curve.
- h. Bridge superstructures that have continuity over piers shall have the same number of girders in each span of the continuous section.

15.3.2 Bridge Substructures

Bridge substructures (including abutments) shall be reinforced concrete components supported by deep foundations.

Bridge abutments shall be protected by armoring the abutment slopes. Rip rap shall be used for hydraulic bridges and concrete slope paving shall be used for grade separations.

15.4 Bridge Design Criteria

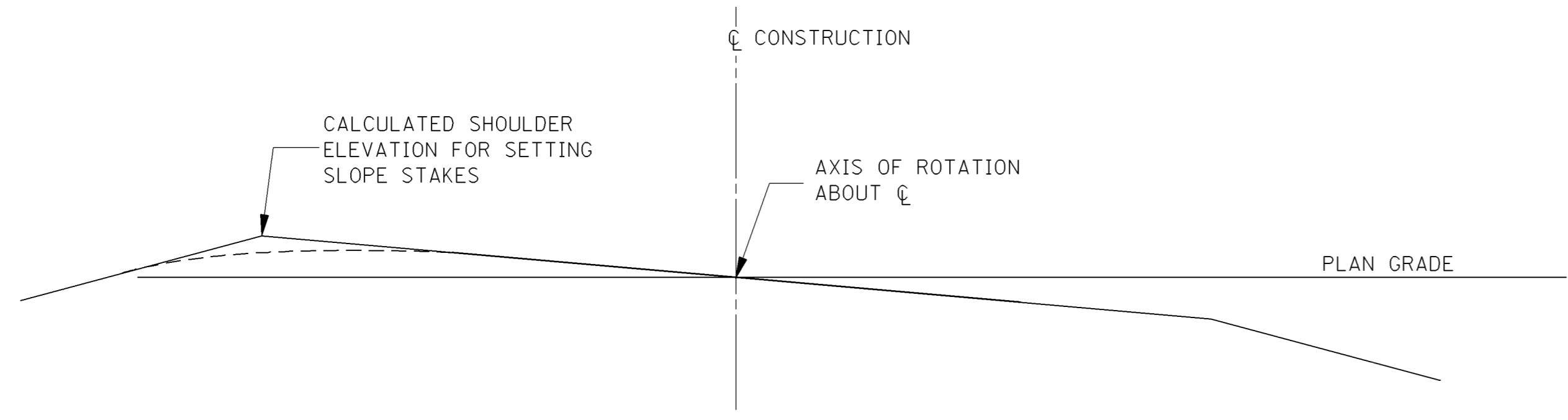
15.4.1 Concrete Design

15.4.1.1 Reinforced Concrete

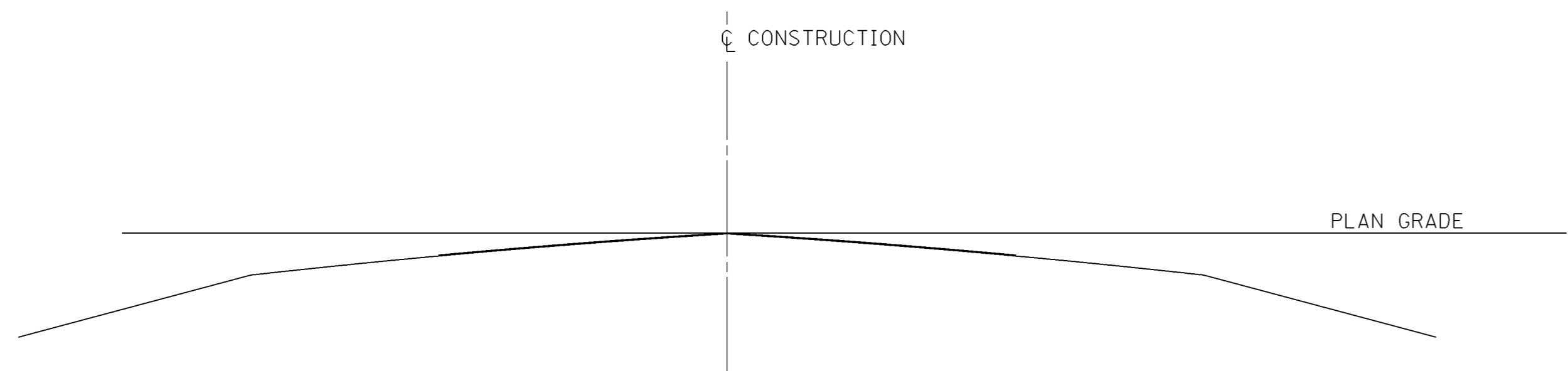
All concrete shall be designed and produced in accordance with MDOT Standard Specifications Section 804 Table 3. Cement used in concrete shall meet the requirements of Section 701 of the Mississippi Standard Specifications for Road and Bridge Construction.

Cast-in-Place Concrete:
 Class AA
 $f_c = 4,000$ psi

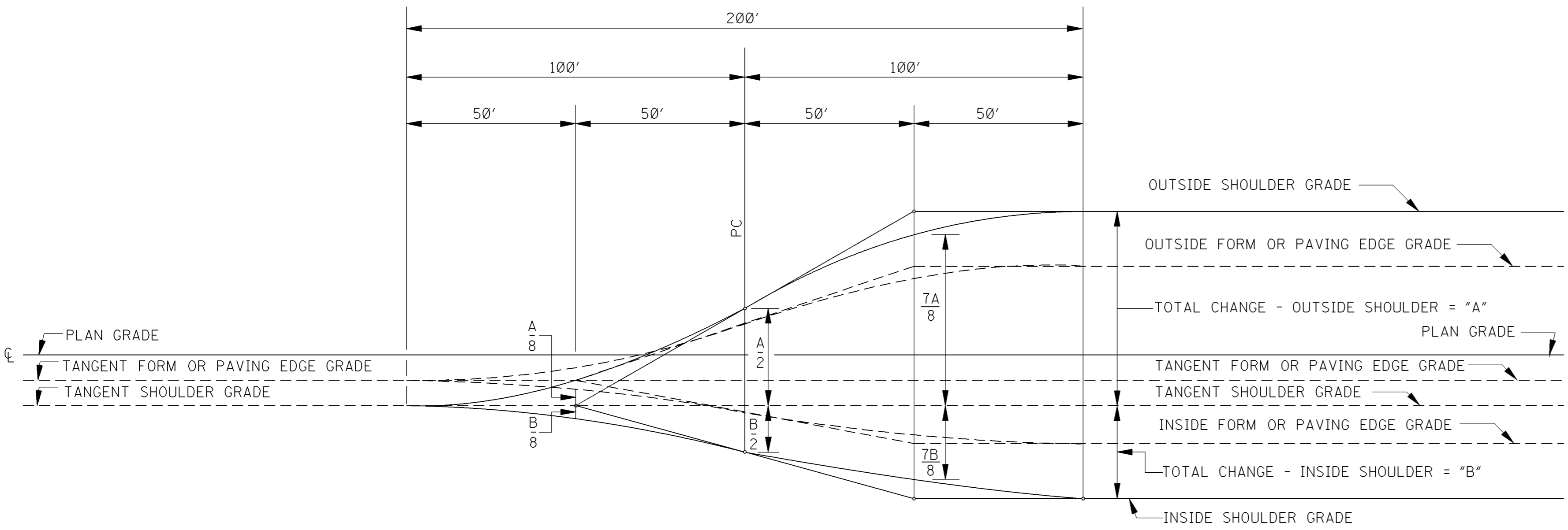
Drilled Shaft Concrete:
 Class DS
 $f_c = 4,000$ psi



FULL SUPERELEVATED SECTION



NORMAL TANGENT SECTION



e	V = 30 mph	V = 35 mph	V = 40 mph
	R (ft)	R (ft)	R (ft)
NC	3320	4350	5520
0.020	2440	3210	4080
0.022	2200	2900	3680
0.024	2000	2640	3350
0.026	1840	2420	3080
0.028	1690	2230	2840
0.030	1570	2060	2630
0.032	1450	1920	2450
0.034	1360	1790	2290
0.036	1270	1680	2150
0.038	1190	1580	2020
0.040	1120	1490	1900
0.042	1060	1400	1800
0.044	994	1330	1700
0.046	940	1260	1610
0.048	890	1190	1530
0.050	844	1130	1460
0.052	802	1080	1390
0.054	762	1030	1330
0.056	724	974	1270
0.058	689	929	1210
0.060	656	886	1160
0.062	624	846	1110
0.064	594	808	1060
0.066	564	772	1020
0.068	536	737	971
0.070	509	704	931
0.072	483	671	892
0.074	460	641	855
0.076	437	612	820
0.078	416	585	786
0.080	396	558	754
0.082	377	533	722
0.084	359	509	692
0.086	341	486	662
0.088	324	463	633
0.090	307	440	604
0.092	291	418	574
0.094	274	395	545
0.096	256	370	513
0.098	236	343	477
$e_{max} = 0.100$	$R_{min} = 200$	$R_{min} = 292$	$R_{min} = 410$

KEY:
V = DESIGN SPEED (mph)
R = RADIUS (ft)
e = FULL SUPERELEVATION RATE (ft/ft)
NC = NORMAL CROWN

***EXTRA WIDTH TABLE FOR TRAVELED WAY**

DEGREE OF CURVE "D"	EXTRA WIDTH (ft)		
	20' SURF. WIDTH	22' SURF. WIDTH	24' SURF. WIDTH
>2°	0	0	0
2°-3°	2.0	0	0
4°-5°	2.5	0	0
6°-8°	3.0	2.0	0
9°-11°	3.5	2.5	0
≤ 11°	4.0	3.0	0

*NOTE: EXTRA WIDTH TO BE ADDED ON INSIDE OF CURVE. THE SPECIFIED EXTRA WIDTH TO BE ADDED AT UNIFORM RATE THROUGHOUT SUPERELEVATION RUNOFF (L). CENTERLINE STRIPE SHOULD EQUALLY DIVIDE SURFACED WIDTH.

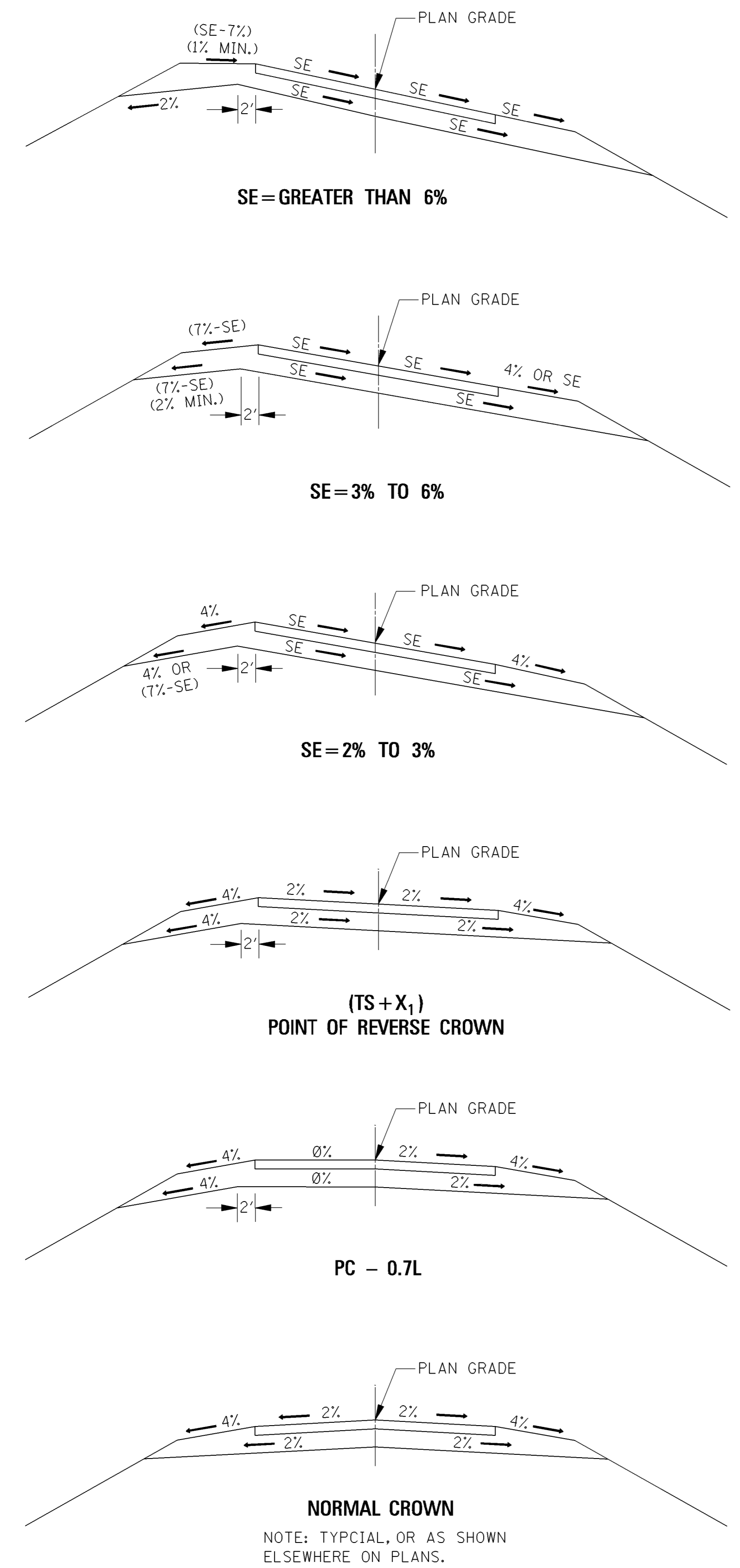
- GENERAL NOTES:
- SE RATE IS DETERMINED FROM A RADIUS EQUAL TO OR SLIGHTLY SMALLER THAN, THE RADIUS OF THE CURVE.
 - THIS SHEET ONLY APPLIES TO LOCAL ROAD FACILITIES IN RESTRICTED LOCATIONS (V ≤ 40 mph) AND TO DETOURS.
 - IT IS SUGGESTED THAT BOTH SHOULDER GRADE & FORM GRADE CORRECTIONS FOR SUPERELEVATION RUNOFF BE DETERMINED GRAPHICALLY. USE STANDARD CROSS SECTION SHEET WITH HORIZONTAL SCALE 1"=20' AND VERTICAL SCALE 1"=1'. CONNECT CONTROL POINTS WITH FLEXIBLE CURVE. CORRECTIONS CAN BE READ AT ANY POINT.
 - STATE AID DIVISION: USE STANDARD SA-SE-1.

BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
REVISION	SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V ≤ 40 mph)
DATE	ISSUE DATE: _____
WORKING NUMBER	SDSE-1
SHEET NUMBER	

MINIMUM RADII FOR DESIGN SUPERELEVATION RATES, DESIGN SPEEDS, AND $e_{max} = 0.100$

e	V = 30 mph	V = 35 mph	V = 40 mph	V = 45 mph	V = 50 mph	V = 55 mph	V = 60 mph	V = 65 mph	V = 70 mph
	R (ft)	R (ft)	R (ft)	R (ft)	R (ft)	R (ft)	R (ft)	R (ft)	R (ft)
NC	3320	4350	5520	6830	8280	9890	11700	13100	14700
0.020	2440	3210	4080	5050	6130	7330	8630	9720	10900
0.022	2200	2900	3680	4570	5540	6630	7810	8800	9860
0.024	2000	2640	3350	4160	5050	6050	7130	8040	9010
0.026	1840	2420	3080	3820	4640	5550	6550	7390	8290
0.028	1690	2230	2840	3520	4280	5130	6050	6840	7680
0.030	1570	2060	2630	3270	3970	4760	5620	6360	7140
0.032	1450	1920	2450	3040	3700	4440	5250	5930	6680
0.034	1360	1790	2290	2850	3470	4160	4910	5560	6260
0.036	1270	1680	2150	2670	3250	3900	4620	5230	5900
0.038	1190	1580	2020	2510	3060	3680	4350	4940	5570
0.040	1120	1490	1900	2370	2890	3470	4110	4670	5270
0.042	1060	1400	1800	2240	2740	3290	3900	4430	5010
0.044	994	1330	1700	2120	2590	3120	3700	4210	4760
0.046	940	1260	1610	2020	2460	2970	3520	4010	4540
0.048	890	1190	1530	1920	2340	2830	3360	3830	4340
0.050	844	1130	1460	1830	2240	2700	3200	3660	4150
0.052	802	1080	1390	1740	2130	2580	3060	3500	3980
0.054	762	1030	1330	1660	2040	2460	2930	3360	3820
0.056	724	974	1270	1590	1950	2360	2810	3220	3670
0.058	689	929	1210	1520	1870	2260	2700	3090	3530
0.060	656	886	1160	1460	1790	2170	2590	2980	3400
0.062	624	846	1110	1400	1720	2090	2490	2870	3280
0.064	594	808	1060	1340	1650	2010	2400	2760	3160
0.066	564	772	1020	1290	1590	1930	2310	2670	3060
0.068	536	737	971	1230	1530	1860	2230	2570	2960
0.070	509	704	931	1190	1470	1790	2150	2490	2860
0.072	483	671	892	1140	1410	1730	2070	2410	2770
0.074	460	641	855	1100	1360	1670	2000	2330	2680
0.076	437	612	820	1050	1310	1610	1940	2250	2600
0.078	416	585	786	1010	1260	1550	1870	2180	2530
0.080	396	558	754	968	1220	1500	1810	2120	2450
0.082	377	533	722	930	1170	1440	1750	2050	2380
0.084	359	509	692	893	1130	1390	1690	1990	2320
0.086	341	486	662	856	1080	1340	1630	1930	2250
0.088	324	463	633	820	1040	1290	1570	1870	2190
0.090	307	440	604	784	992	1240	1520	1810	2130
0.092	291	418	574	748	948	1190	1460	1740	2060
0.094	274	395	545	710	903	1130	1390	1670	1990
0.096	256	370	513	671	854	1080	1320	1600	1910
0.098	236	343	477	625	798	1010	1250	1510	1820
$e_{max} = 0.100$	$R_{min} = 200$	$R_{min} = 292$	$R_{min} = 410$	$R_{min} = 540$	$R_{min} = 694$	$R_{min} = 877$	$R_{min} = 1090$	$R_{min} = 1340$	$R_{min} = 1630$

KEY:
V = DESIGN SPEED (mph)
R = RADIUS (ft)
e = FULL SUPERELEVATION RATE (ft/ft)
NC = NORMAL CROWN

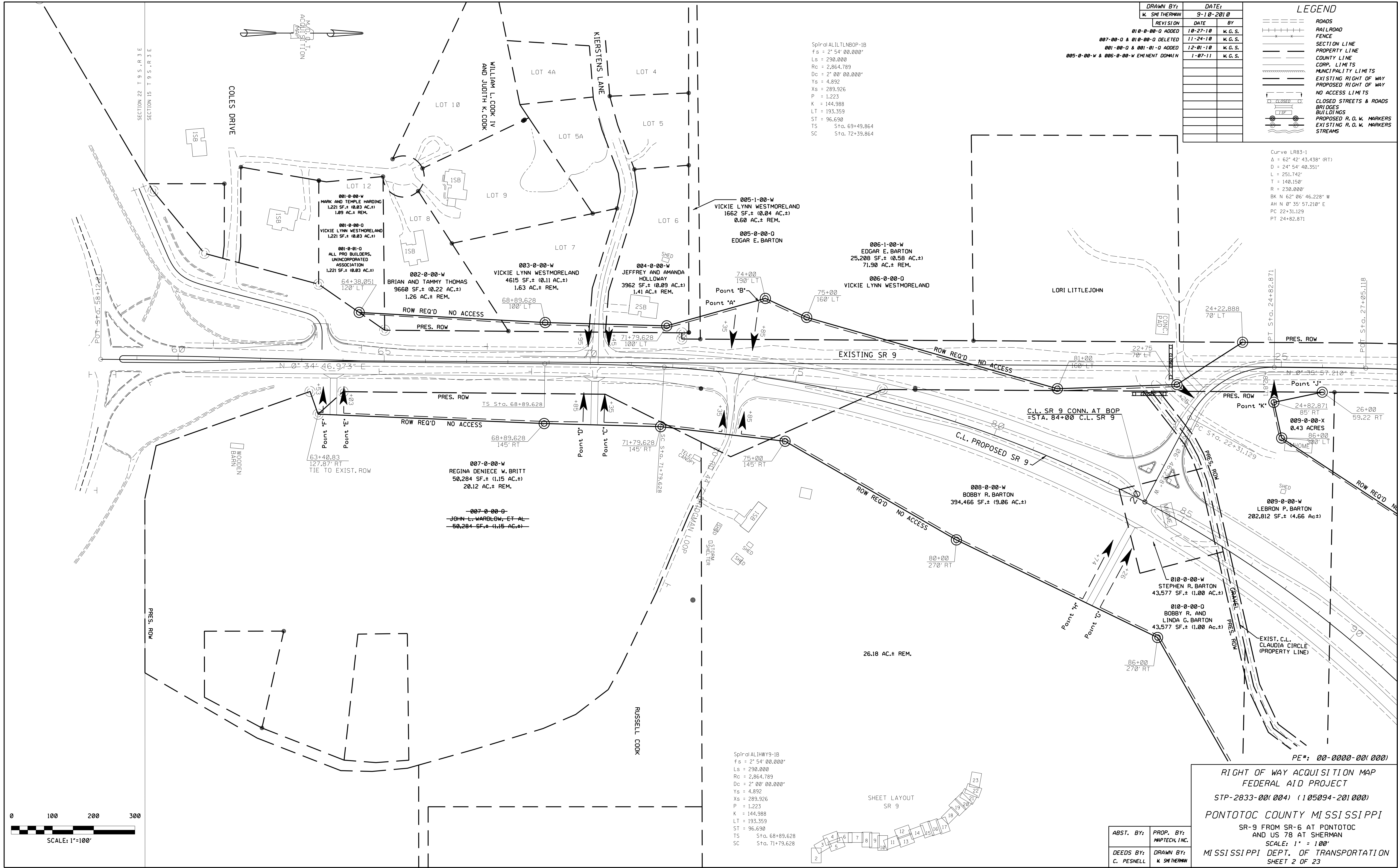


DETAILS OF SHOULDER & SUBGRADE TREATMENT

GENERAL NOTES:

- SE RATE IS DETERMINED FROM A RADIUS EQUAL TO, OR SLIGHTLY SMALLER THAN, THE RADIUS OF THE CURVE.
- SEE SHEET SDR0-1 FOR SE RUNOFF VALUES.
- STATE AID DIVISION: USE STANDARD SA-SE-1.

BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
REVISION	SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)
DATE	ISSUE DATE: _____
WORKING NUMBER	SDSE-2A
SHEET NUMBER	

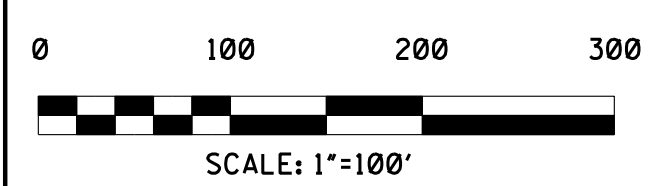


REVISION	DATE	BY
010-0-00-0 ADDED	10-27-10	W.G.S.
007-00-0 & 010-00-0 DELETED	11-24-10	W.G.S.
001-00-0 & 001-01-0 ADDED	12-01-10	W.G.S.
005-0-00-W & 006-0-00-W EMINENT DOMAIN	1-07-11	W.G.S.

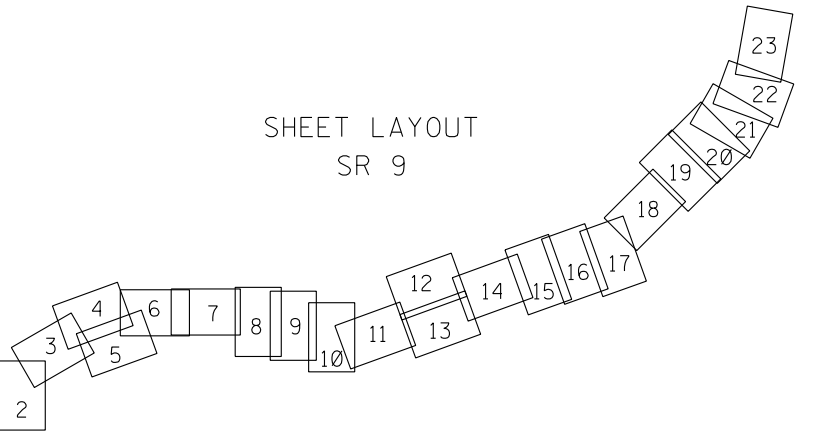
LEGEND	
[Symbol]	ROADS
[Symbol]	RAILROAD
[Symbol]	FENCE
[Symbol]	SECTION LINE
[Symbol]	PROPERTY LINE
[Symbol]	COUNTY LINE
[Symbol]	CORP. LIMITS
[Symbol]	MUNICIPALITY LIMITS
[Symbol]	EXISTING RIGHT OF WAY
[Symbol]	PROPOSED RIGHT OF WAY
[Symbol]	NO ACCESS LIMITS
[Symbol]	CLOSED STREETS & ROADS
[Symbol]	BRIDGES
[Symbol]	BUILDINGS
[Symbol]	PROPOSED R.O.W. MARKERS
[Symbol]	EXISTING R.O.W. MARKERS
[Symbol]	STREAMS

Spiral ALILTNBOP-1B
 fs = 2' 54" 00.000"
 Ls = 290.000
 Rc = 2,864.789
 Dc = 2' 00" 00.000"
 Ys = 4.892
 Xs = 289.926
 P = 1.223
 K = 144.988
 LT = 193.359
 ST = 96.690
 TS Sta. 69+49.864
 SC Sta. 72+39.864

Curve LR83-1
 Δ = 62° 42' 43.438" (RT)
 D = 24° 54' 40.351"
 L = 251.742'
 T = 140.150'
 R = 230.000'
 BK N 62° 06' 46.228" W
 AH N 0° 35' 57.210" E
 PC 22+31.129
 PT 24+82.871



Spiral ALIHWY9-1B
 fs = 2' 54" 00.000"
 Ls = 290.000
 Rc = 2,864.789
 Dc = 2' 00" 00.000"
 Ys = 4.892
 Xs = 289.926
 P = 1.223
 K = 144.988
 LT = 193.359
 ST = 96.690
 TS Sta. 68+89.628
 SC Sta. 71+79.628



ABST. BY: C. DESMELL	PROP. BY: MAPTECH, INC.
DRAWN BY: W. SMITHERMAN	

RIGHT OF WAY ACQUISITION MAP
 FEDERAL AID PROJECT
 STP-2833-00(004) (105094-201000)
 PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 2 OF 23

PE#: 00-0000-00(000)

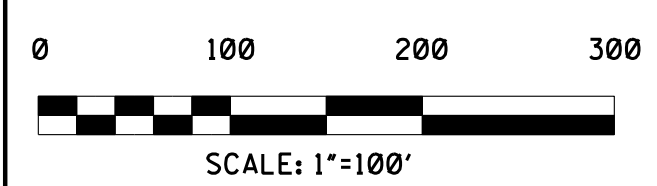
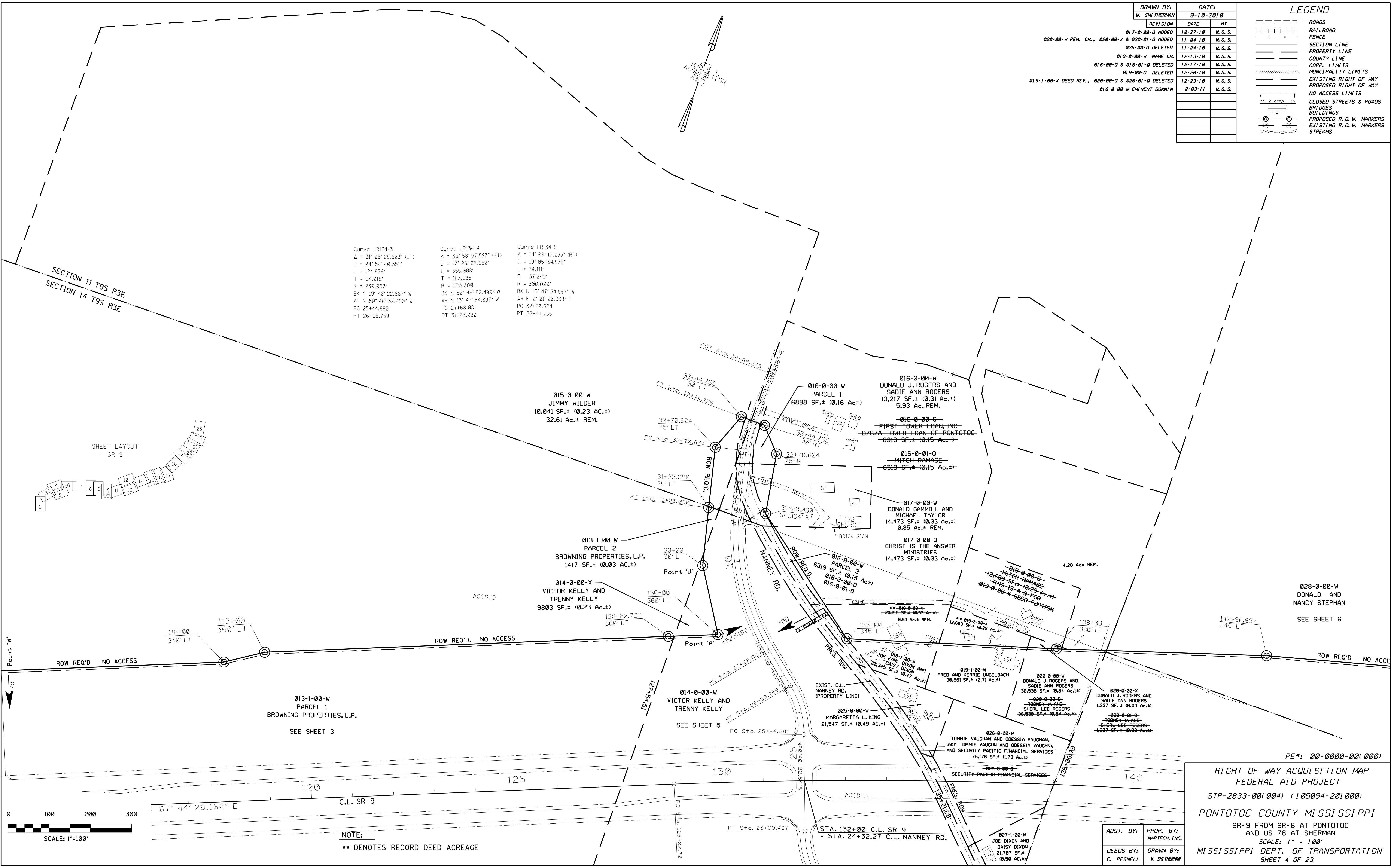
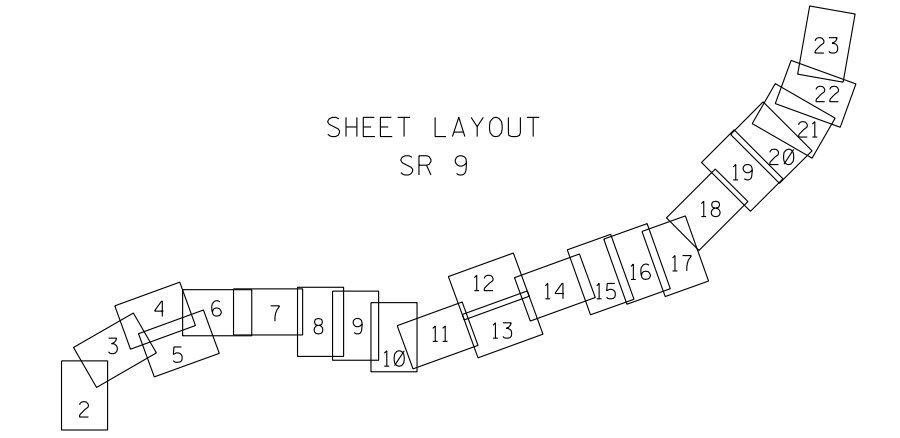
DRAWN BY:	DATE:	
W. SMITHERMAN	9-10-2010	
REVISION	DATE	BY
017-0-00-0 ADDED	10-27-10	W.G.S.
020-00-W REM. CH., 020-00-X & 020-01-0 ADDED	11-04-10	W.G.S.
026-00-0 DELETED	11-24-10	W.G.S.
019-0-00-W NAME CH.	12-13-10	W.G.S.
016-00-0 & 016-01-0 DELETED	12-17-10	W.G.S.
019-00-0 DELETED	12-20-10	W.G.S.
019-1-00-X DEED REV., 020-00-0 & 020-01-0 DELETED	12-23-10	W.G.S.
018-0-00-W EMINENT DOMAIN	2-03-11	W.G.S.

LEGEND

- ROADS
- RAILROAD
- FENCE
- SECTION LINE
- PROPERTY LINE
- COUNTY LINE
- CORP. LIMITS
- MUNICIPALITY LIMITS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- NO ACCESS LIMITS
- CLOSED STREETS & ROADS
- BRIDGES
- BUILDINGS
- PROPOSED R.O.W. MARKERS
- EXISTING R.O.W. MARKERS
- STREAMS

Curve LR134-3 Δ = 31° 06' 29.623" (LT) D = 24' 54" 40.351" L = 124.876' T = 64.019' R = 230.000' BK N 19° 40' 22.867" W AH N 50° 46' 52.490" W PC 25+44.882 PT 26+69.759	Curve LR134-4 Δ = 36° 58' 57.593" (RT) D = 10' 25' 02.692" L = 355.008' T = 183.935' R = 950.000' BK N 50° 46' 52.490" W AH N 13° 47' 54.897" W PC 27+68.081 PT 31+23.090	Curve LR134-5 Δ = 14° 09' 15.235" (RT) D = 19' 05' 54.935" L = 74.111' T = 37.245' R = 300.000' BK N 13° 47' 54.897" W AH N 0° 21' 20.338" E PC 32+70.624 PT 33+44.735
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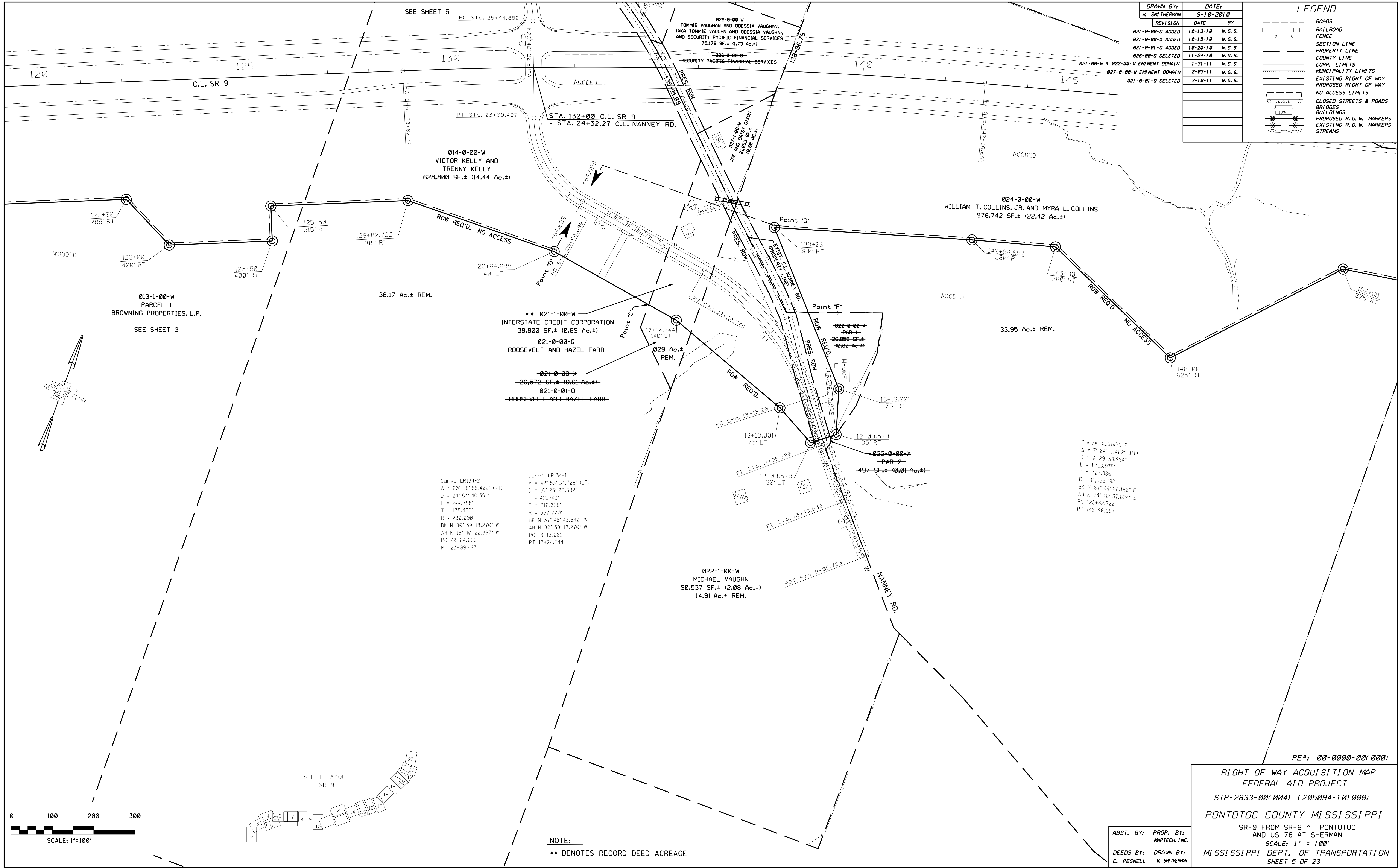
SECTION 11 T9S R3E
SECTION 14 T9S R3E



NOTE:
•• DENOTES RECORD DEED ACREAGE

PE#: 00-0000-00(000)
RIGHT OF WAY ACQUISITION MAP
FEDERAL AID PROJECT
STP-2833-00(004) (105094-201000)
PONTOTOC COUNTY MISSISSIPPI
SR-9 FROM SR-6 AT PONTOTOC
AND US 78 AT SHERMAN
SCALE: 1" = 100'
MISSISSIPPI DEPT. OF TRANSPORTATION
SHEET 4 OF 23

ABST. BY: C. PESMELL
PROP. BY: MAPTECH, INC.
DEEDS BY: W. SMITHERMAN
DRAWN BY: W. SMITHERMAN



REVISION	DATE	BY
021-0-00-0 ADDED	10-13-10	W.G.S.
021-0-00-X ADDED	10-15-10	W.G.S.
021-0-01-0 ADDED	10-20-10	W.G.S.
026-00-0 DELETED	11-24-10	W.G.S.
021-00-W & 022-00-W EMINENT DOMAIN	1-31-11	W.G.S.
027-0-00-W EMINENT DOMAIN	2-03-11	W.G.S.
021-0-01-0 DELETED	3-10-11	W.G.S.

LEGEND	
[Symbol]	ROADS
[Symbol]	RAILROAD
[Symbol]	FENCE
[Symbol]	SECTION LINE
[Symbol]	PROPERTY LINE
[Symbol]	COUNTY LINE
[Symbol]	CORP. LIMITS
[Symbol]	MUNICIPALITY LIMITS
[Symbol]	EXISTING RIGHT OF WAY
[Symbol]	PROPOSED RIGHT OF WAY
[Symbol]	NO ACCESS LIMITS
[Symbol]	CLOSED STREETS & ROADS
[Symbol]	BRIDGES
[Symbol]	BUILDINGS
[Symbol]	PROPOSED R.O.W. MARKERS
[Symbol]	EXISTING R.O.W. MARKERS
[Symbol]	STREAMS

Curve ALJHW9-2
 $\Delta = 7^{\circ} 04' 11.462''$ (RT)
 $D = 0^{\circ} 29' 59.994''$
 $L = 1,413.975'$
 $T = 707.886'$
 $R = 11,459.192'$
 BK N $67^{\circ} 44' 26.162''$ E
 AH N $74^{\circ} 48' 37.624''$ E
 PC 128+82.722
 PT 142+96.697

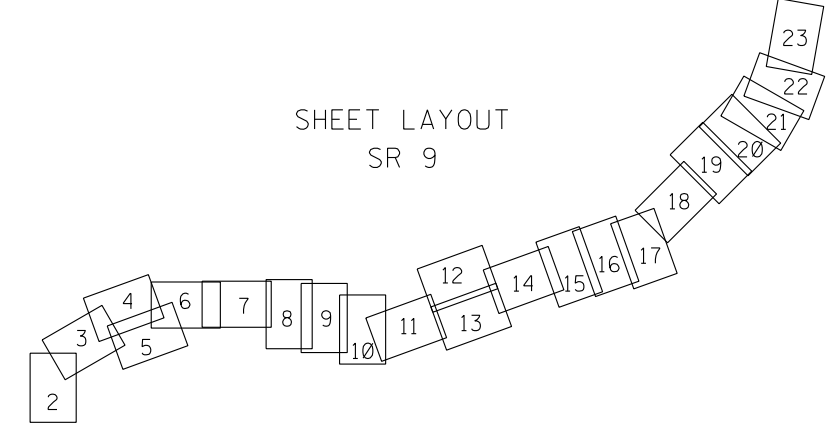
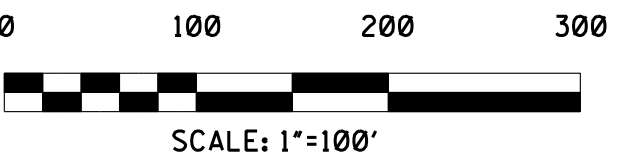
Curve LR134-2
 $\Delta = 60^{\circ} 58' 55.402''$ (RT)
 $D = 24^{\circ} 54' 40.351''$
 $L = 244.798'$
 $T = 135.432'$
 $R = 230.000'$
 BK N $80^{\circ} 39' 18.270''$ W
 AH N $19^{\circ} 40' 22.867''$ W
 PC 20+64.699
 PT 23+09.497

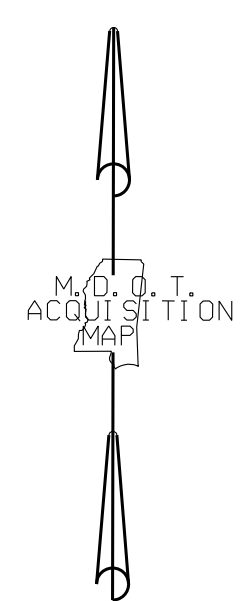
Curve LR134-1
 $\Delta = 42^{\circ} 53' 34.729''$ (LT)
 $D = 10^{\circ} 25' 02.692''$
 $L = 411.743'$
 $T = 216.058'$
 $R = 550.000'$
 BK N $37^{\circ} 45' 43.540''$ W
 AH N $80^{\circ} 39' 18.270''$ W
 PC 13+13.001
 PT 17+24.744

NOTE:
 ** DENOTES RECORD DEED ACREAGE

PE#: 00-0000-00(000)
 RIGHT OF WAY ACQUISITION MAP
 FEDERAL AID PROJECT
 STP-2833-00(004) (205094-101000)
 PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 5 OF 23

ABST. BY:	PROP. BY:
DEEDS BY:	DRAWN BY:
C. PESMELL	W. SMITHERMAN





REVISION	DATE	BY
031-0-00-0 ADDED	10-12-10	W.G.S.
034-01-X, 034-00-X PAR 1 & PAR 2 ADDED	10-15-10	W.G.S.
034-00-0 ADDED	11-04-10	W.G.S.

LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS

WILLIAM P. MCCARTHY AND
JEAN F. MCCARTHY

SAM YARBROUGH AND
GINGER W. YARBROUGH

SHERRI HERNDON

031-0-00-W
BOBBIE BRIDGES
11,242 SF.± (0.26 Ac.±)
2.33 Ac.± REM.

031-0-00-0
ROBERT LAWRENCE NIX

Curve LR159-3
Δ = 52° 45' 54.495" (RT)
D = 9' 32' 57.468"
L = 552.555'
T = 297.615'
R = 600.000'
BK N 75° 50' 14.895" W
AH N 23° 04' 20.400" W
PC 24+57.130
PT 30+09.685

Curve LR159-2
Δ = 60° 38' 52.519" (LT)
D = 24' 54" 40.351"
L = 243.456'
T = 134.530'
R = 230.000'
BK N 15° 11' 22.376" W
AH N 75° 50' 14.895" W
PC 20+30.236
PT 22+73.693

35.91 Ac.± REM.

028-0-00-W
DONALD STEPHAN AND
NANCY STEPHAN
300,724 SF.± (6.90 Ac.±)

029-0-00-W
KURT RADOJCSICS
PARCEL 1
117,025 SF.± (2.69 Ac.±)

029-0-00-W
MARK N. FREEMAN
PARCEL 2
7,324 SF.± (0.17 Ac.±)

034-0-00-W
CHARLES VAN GORDER
1,190,693 SF.± (27.33 Ac.±)

034-0-00-0
MARK CHEVALIER
1,190,693 SF.± (27.33 Ac.±)

033-0-00-W
WILLIAM J. VAN GORDER
AND DEBRA C. VAN GORDER
66,892 SF.± (1.54 Ac.±)
1.64 Ac.± REM.

037-0-00-W
ERNEST WILDER AND
TELETHIA WILDER
SEE SHEET 7

038-0-00-W
MARK CHEVALIER
44,122 SF.± (1.0 Ac.±)

034-0-00-X
PARCEL 1
40,945 SF.± (0.94 Ac.±)

034-0-00-X
PARCEL 2
29,569 SF.± (0.68 Ac.±)

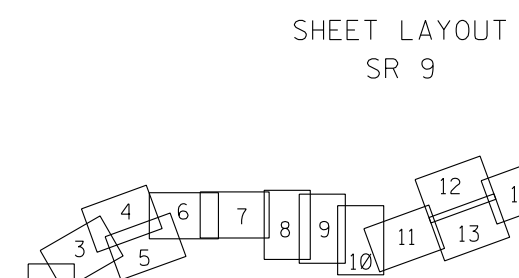
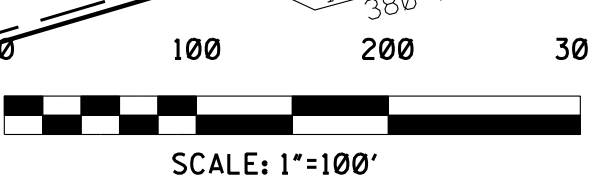
035-0-00-W
BOBBY R. DAVIS, EMOGENE D. NIBLETT,
AND MARGARET ANN FIELDS
266,523 SF.± (6.12 Ac.±)

024-0-00-W
WILLIAM T. COLLINS, JR. AND MYRA L. COLLINS
SEE SHEET 5

036-0-00-W
JAMES HOWARD HARMON
8,137 SF.± (0.19 Ac.±)
53,981 SF.± (1.24 Ac.±) REM.

Curve LR159-1
Δ = 31° 17' 31.914" (RT)
D = 10° 25' 02.692"
L = 300.384'
T = 154.040'
R = 550.000'
BK N 46° 28' 54.290" W
AH N 15° 11' 22.376" W
PC 11+31.315
PT 14+31.699

NOTE:
** DENOTES RECORD DEED ACREAGE

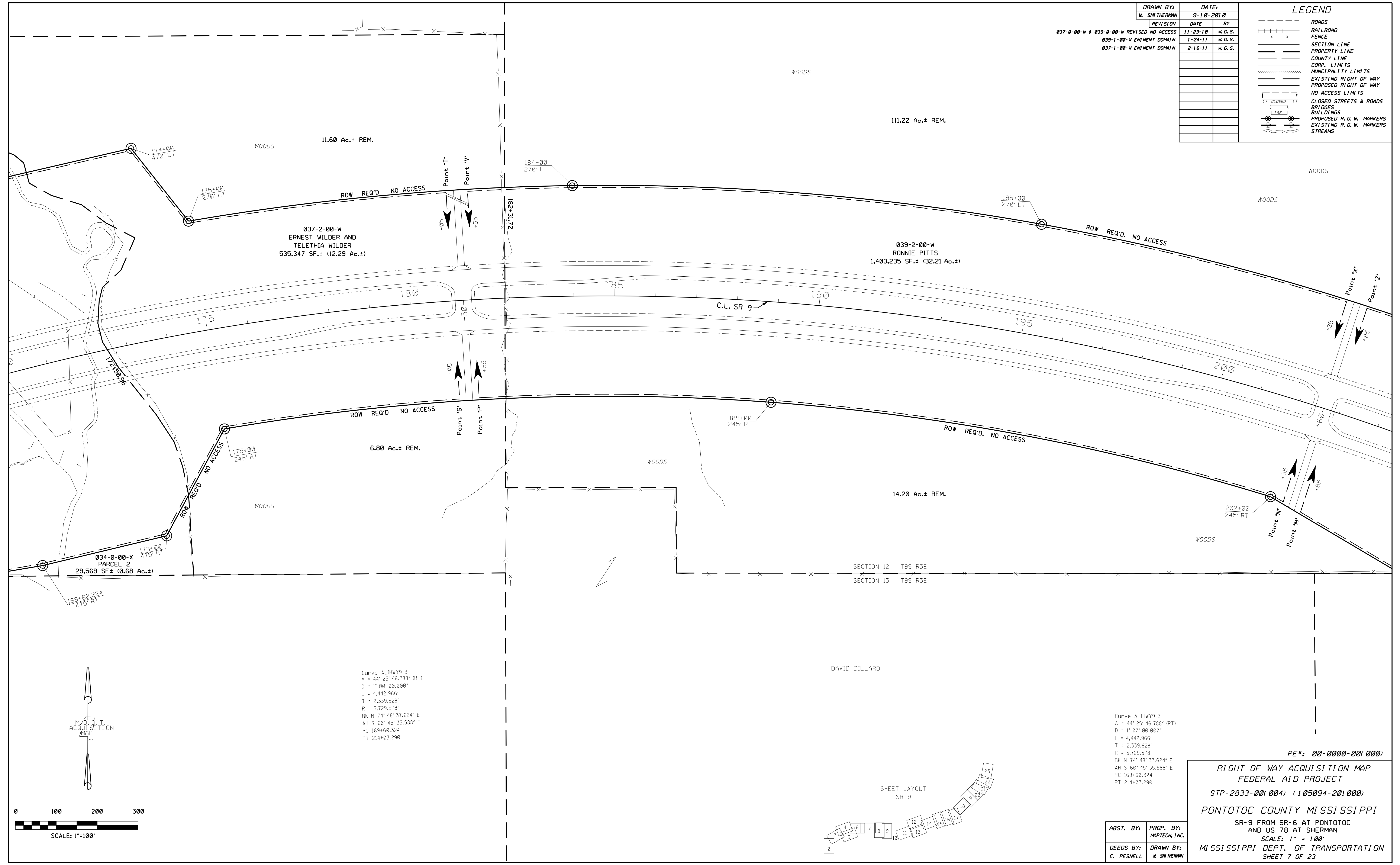


ABST. BY: C. PESMELL	PROP. BY: MAPTECH, INC.
DRAWN BY: W. SMITHERMAN	

PE#: 00-0000-00(000)
RIGHT OF WAY ACQUISITION MAP
FEDERAL AID PROJECT
STP-2833-00(004) (105094-201000)
PONTOTOC COUNTY MISSISSIPPI
SR-9 FROM SR-6 AT PONTOTOC
AND US 78 AT SHERMAN
SCALE: 1" = 100'
MISSISSIPPI DEPT. OF TRANSPORTATION
SHEET 6 OF 24

DRAWN BY:	DATE:	
W. SMITHERMAN	9-10-2010	
REVISION	DATE	BY
037-0-00-W & 039-0-00-W REVISED NO ACCESS	11-23-10	W. G. S.
039-1-00-W EMINENT DOMAIN	1-24-11	W. G. S.
037-1-00-W EMINENT DOMAIN	2-16-11	W. G. S.

LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS



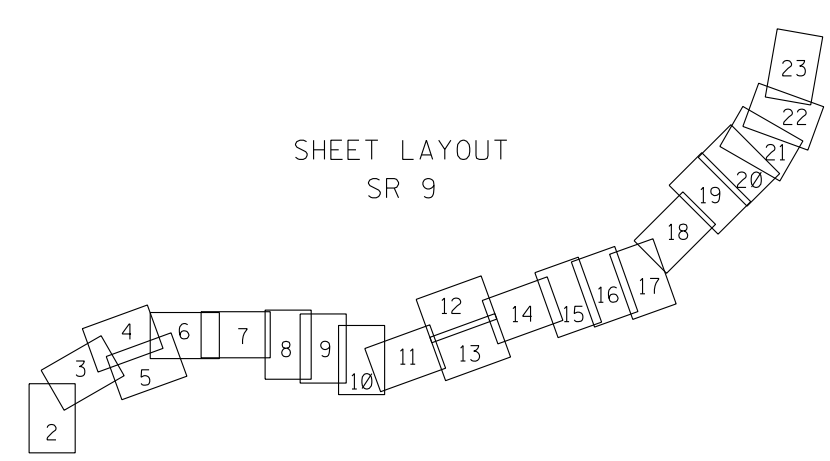
Curve ALHWY9-3
 $\Delta = 44^\circ 25' 46.788''$ (RT)
 $D = 1' 00'' 00.000''$
 $L = 4,442.966'$
 $T = 2,339.928'$
 $R = 5,729.578'$
 $BK N 74^\circ 48' 37.624'' E$
 $AH S 60^\circ 45' 35.588'' E$
 $PC 169+60.324$
 $PT 214+03.290$

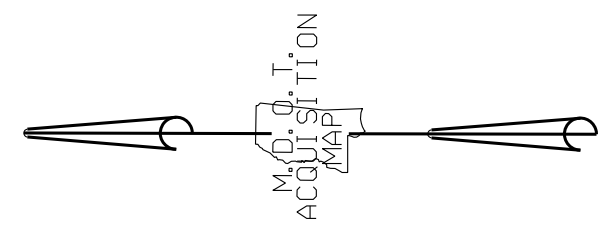
Curve ALHWY9-3
 $\Delta = 44^\circ 25' 46.788''$ (RT)
 $D = 1' 00'' 00.000''$
 $L = 4,442.966'$
 $T = 2,339.928'$
 $R = 5,729.578'$
 $BK N 74^\circ 48' 37.624'' E$
 $AH S 60^\circ 45' 35.588'' E$
 $PC 169+60.324$
 $PT 214+03.290$

PE#: 00-0000-00(000)

RIGHT OF WAY ACQUISITION MAP
FEDERAL AID PROJECT
STP-2833-00(004) (105094-201000)
PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 7 OF 23

ABST. BY:	PROP. BY:
C. PESMELL	MAPTECH, INC.
DEEDS BY:	DRAWN BY:
	W. SMITHERMAN





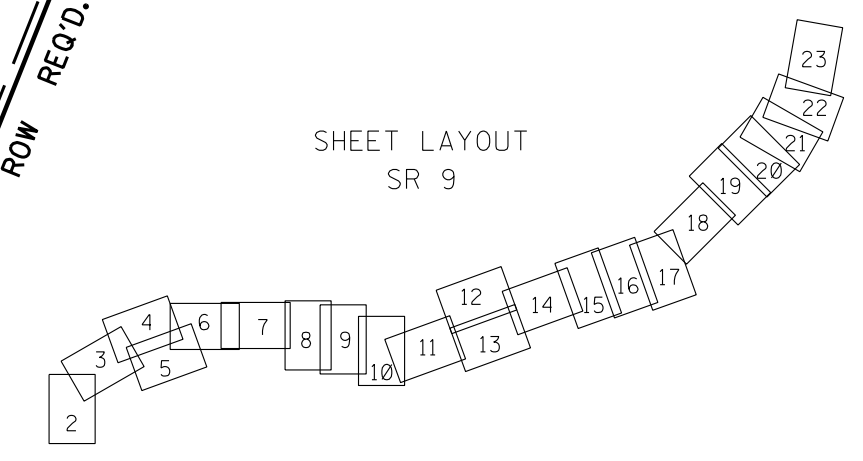
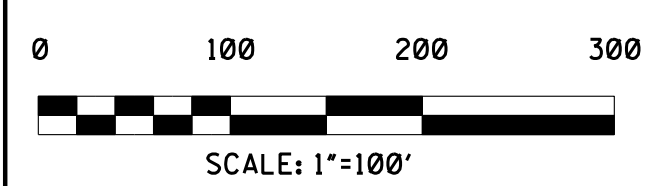
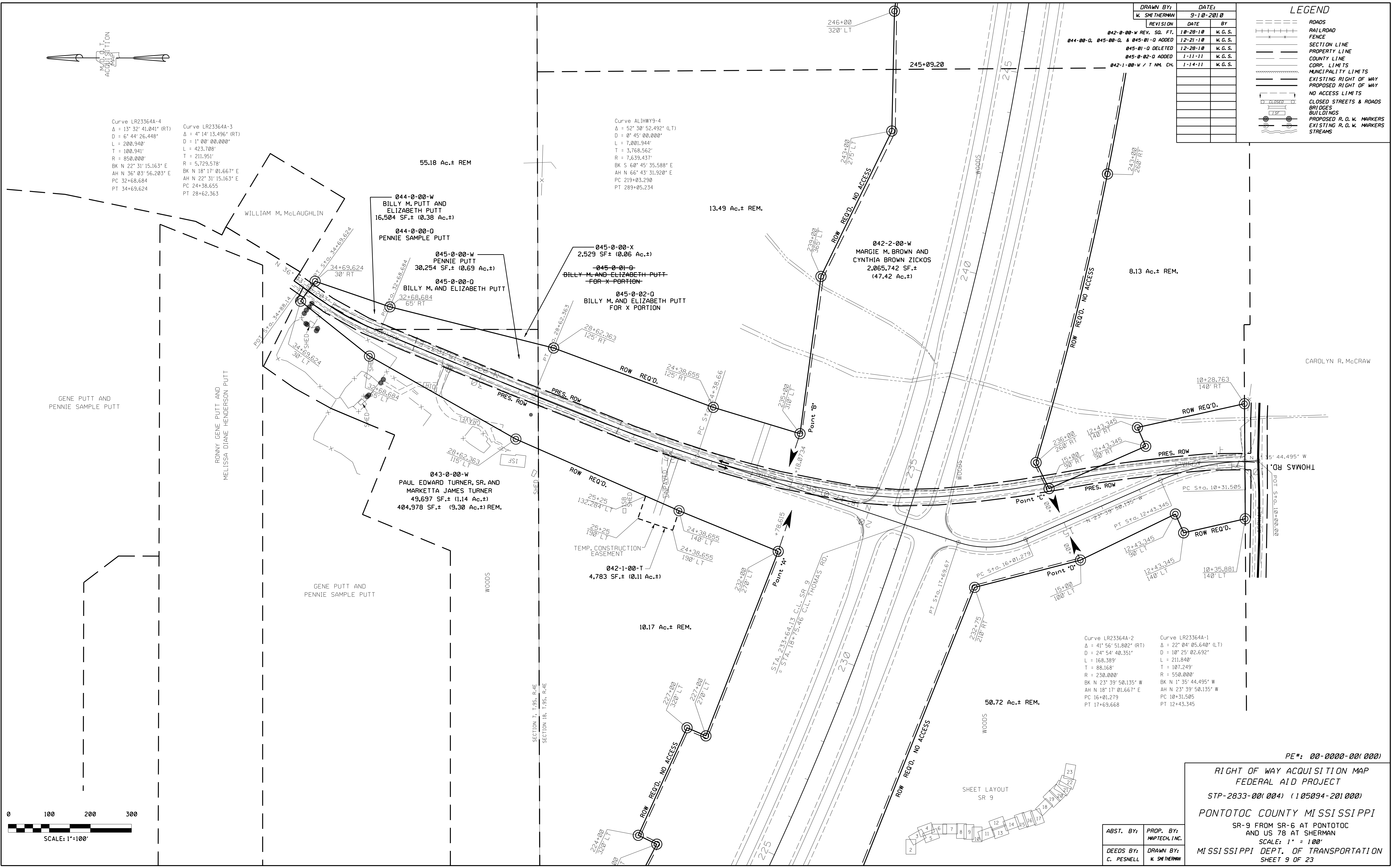
Curve LR23364A-4
 $\Delta = 13^\circ 32' 41.041''$ (RT)
 $D = 6' 44'' 26.448''$
 $L = 200.940'$
 $T = 100.941'$
 $R = 850.000'$
 $BK N 22^\circ 31' 15.163'' E$
 $AH N 36^\circ 03' 56.203'' E$
 $PC 32+68.684$
 $PT 34+69.624$

Curve LR23364A-3
 $\Delta = 4^\circ 14' 13.496''$ (RT)
 $D = 1' 00'' 00.000''$
 $L = 423.708'$
 $T = 211.951'$
 $R = 5,729.578'$
 $BK N 18^\circ 17' 01.667'' E$
 $AH N 22^\circ 31' 15.163'' E$
 $PC 24+38.655$
 $PT 28+62.363$

Curve ALHWY9-4
 $\Delta = 52^\circ 30' 52.492''$ (LT)
 $D = 0' 45'' 00.000''$
 $L = 7,001.944'$
 $T = 3,768.562'$
 $R = 7,639.437'$
 $BK S 60^\circ 45' 35.588'' E$
 $AH N 66^\circ 43' 31.320'' E$
 $PC 219+03.290$
 $PT 289+05.234$

DRAWN BY:		DATE:	
W. SMITHERMAN		9-10-2010	
REVISION	DATE	BY	
042-0-00-W REV. SD. FT.	10-28-10	W.G.S.	
044-00-0, 045-00-0, & 045-01-0 ADDED	12-21-10	W.G.S.	
045-01-0 DELETED	12-28-10	W.G.S.	
045-0-02-0 ADDED	1-11-11	W.G.S.	
042-1-00-W / T NM. CH.	1-14-11	W.G.S.	

LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS



Curve LR23364A-2
 $\Delta = 41^\circ 56' 51.802''$ (RT)
 $D = 24' 54'' 40.351''$
 $L = 168.389'$
 $T = 88.168'$
 $R = 230.000'$
 $BK N 23^\circ 39' 50.135'' W$
 $AH N 18^\circ 17' 01.667'' E$
 $PC 16+01.279$
 $PT 17+69.668$

Curve LR23364A-1
 $\Delta = 22^\circ 04' 05.640''$ (LT)
 $D = 10' 25'' 02.692''$
 $L = 211.840'$
 $T = 107.249'$
 $R = 550.000'$
 $BK N 1^\circ 35' 44.495'' W$
 $AH N 23^\circ 39' 50.135'' W$
 $PC 10+31.505$
 $PT 12+43.345$

PE#: 00-0000-00(000)

RIGHT OF WAY ACQUISITION MAP
 FEDERAL AID PROJECT
 STP-2833-00(004) (105094-201000)
 PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 9 OF 23

ABST. BY:	PROP. BY:
C. PESMELL	MAPTECH, INC.
DRAWN BY:	
W. SMITHERMAN	

DRAWN BY:	DATE:	
W. SMITHERMAN	9-10-2010	
REVISION	DATE	BY
048-00-W REM. CH.	11-04-10	W.G.S.

LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS

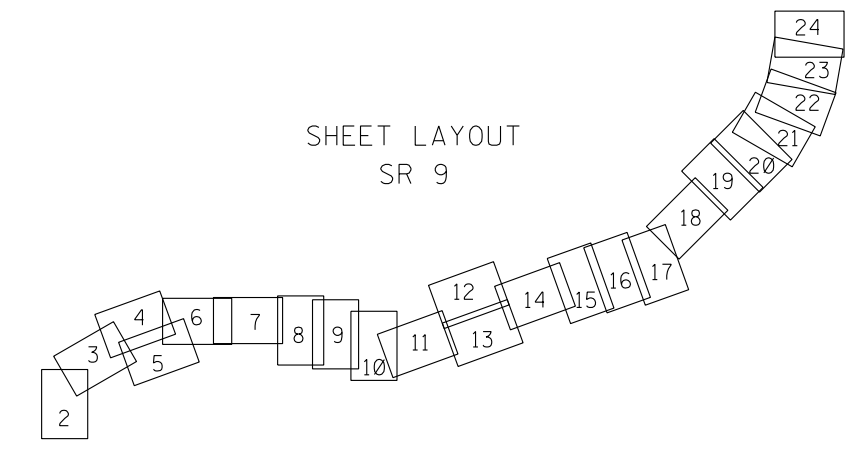
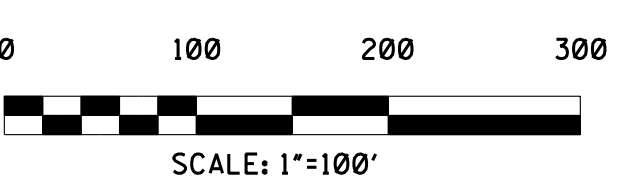
Curve ALHWY9-4
 $\Delta = 52^\circ 30' 52.492''$ (LT)
 $D = 0^\circ 45' 00.000''$
 $L = 7,001.944'$
 $T = 3,768.562'$
 $R = 7,639.437'$
 $BK S 60^\circ 45' 35.588'' E$
 $AH N 66^\circ 43' 31.920'' E$
 $PC 219+03.290$
 $PT 289+05.234$

Curve LR254-3
 $\Delta = 49^\circ 50' 39.041''$ (LT)
 $D = 16^\circ 22' 12.802''$
 $L = 304.481'$
 $T = 162.629'$
 $R = 350.000'$
 $BK N 49^\circ 09' 59.663'' E$
 $AH N 0^\circ 40' 39.378'' W$
 $PC 29+72.025$
 $PT 32+76.505$

Curve LR254-2
 $\Delta = 45^\circ 24' 06.548''$ (RT)
 $D = 7^\circ 38' 21.974''$
 $L = 594.308'$
 $T = 313.746'$
 $R = 750.000'$
 $BK N 3^\circ 45' 53.116'' E$
 $AH N 49^\circ 09' 59.663'' E$
 $PC 22+36.094$
 $PT 28+30.402$

Curve LR254-1
 $\Delta = 41^\circ 56' 27.399''$ (LT)
 $D = 10^\circ 25' 02.692''$
 $L = 402.604'$
 $T = 218.000'$
 $R = 550.000'$
 $BK N 45^\circ 42' 20.515'' E$
 $AH N 3^\circ 45' 53.116'' E$
 $PC 11+20.662$
 $PT 15+23.266$

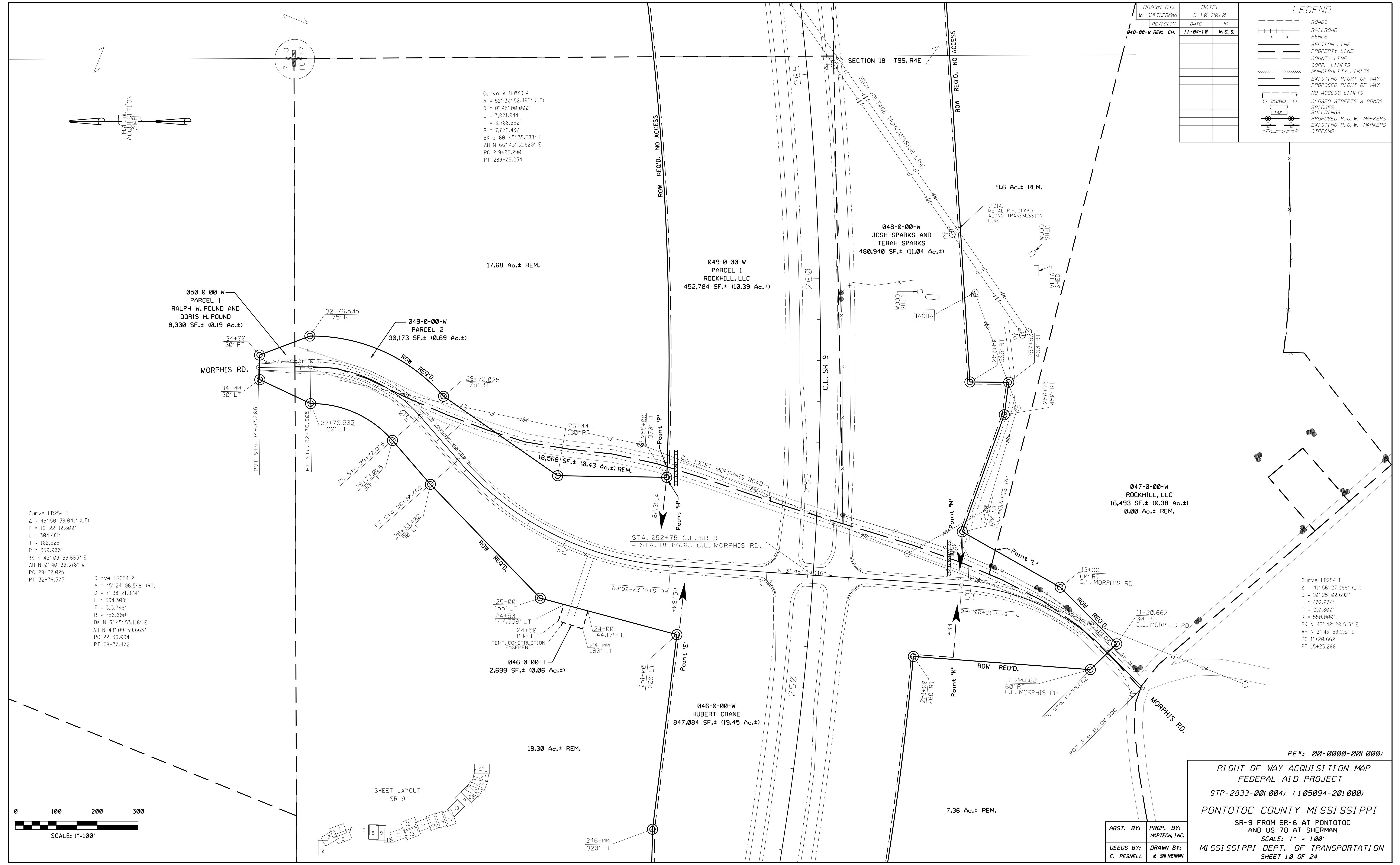
SHEET LAYOUT
 SR 9



PE#: 00-0000-00(000)

RIGHT OF WAY ACQUISITION MAP
FEDERAL AID PROJECT
STP-2833-00(004) (105094-201000)
PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 10 OF 24

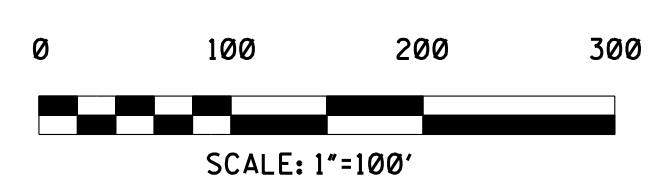
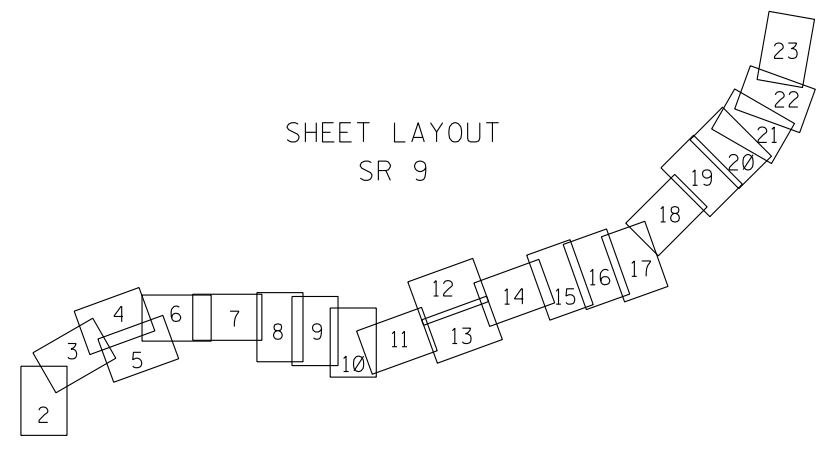
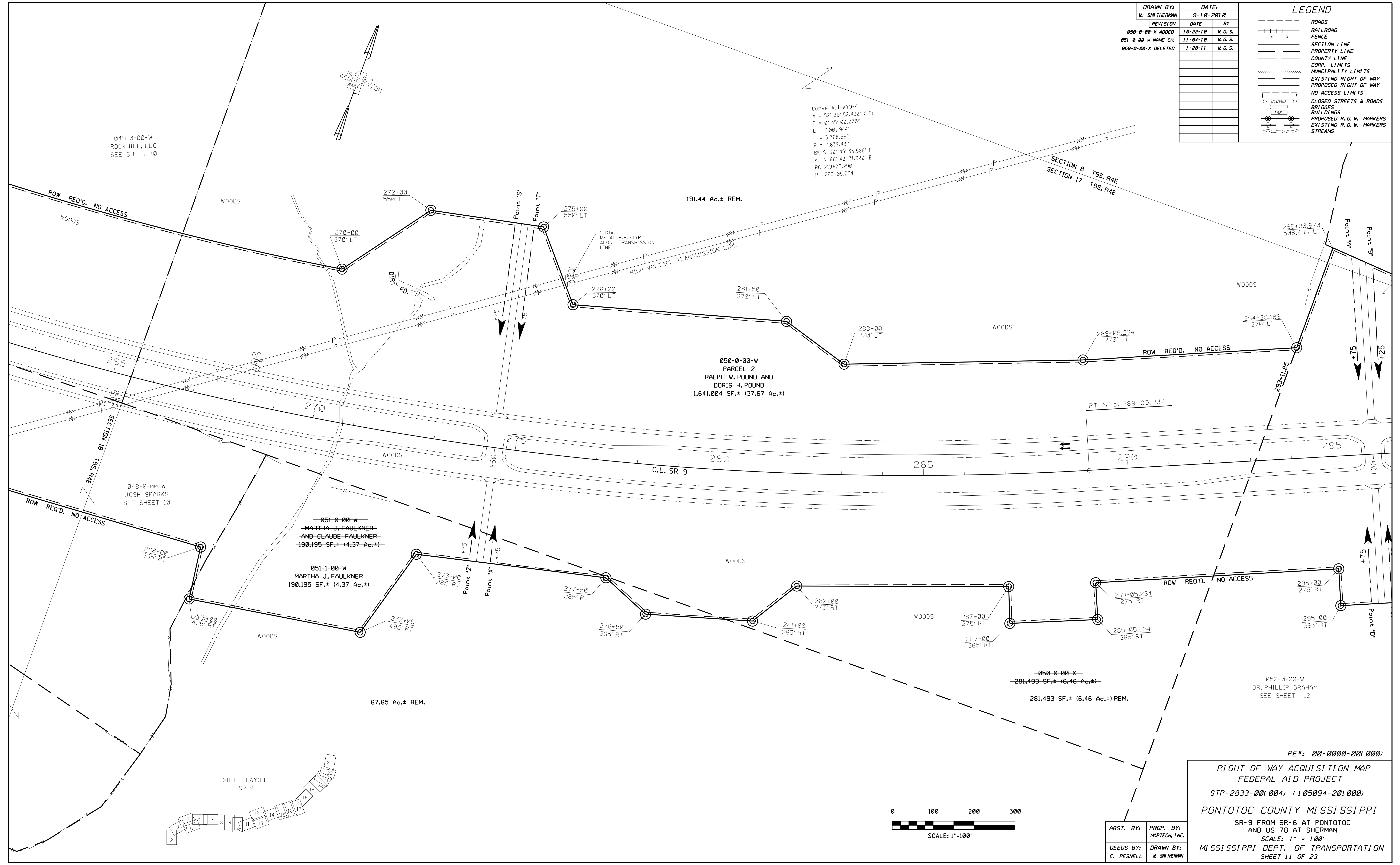
ABST. BY: C. PESMELL
 PROP. BY: MAPTECH, INC.
 DRAWN BY: W. SMITHERMAN



DRAWN BY:		DATE:	
W. SMITHERMAN		9-10-2010	
REVISION	DATE	BY	
050-0-00-X ADDED	10-22-10	W. G. S.	
051-0-00-W NAME CH.	11-04-10	W. G. S.	
050-0-00-X DELETED	1-28-11	W. G. S.	

LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS

Curve ALHWY9-4
 $\Delta = 52^\circ 30' 52.492''$ (LT)
 $D = 0^\circ 45' 00.000''$
 $L = 7,001.944'$
 $T = 3,768.562'$
 $R = 7,639.437'$
 BK S $60^\circ 45' 35.588''$ E
 AH N $66^\circ 43' 31.920''$ E
 PC 219+03.290
 PT 289+05.234



ABST. BY: C. PESMELL
 PROP. BY: MAPTECH, INC.
 DEEDS BY: W. SMITHERMAN
 DRAWN BY: W. SMITHERMAN

PE#: 00-0000-00(000)
 RIGHT OF WAY ACQUISITION MAP
 FEDERAL AID PROJECT
 STP-2833-00(004) (105094-201000)
 PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 11 OF 23

DRAWN BY:		DATE:	
W. SMITHERMAN		9-10-2010	
REVISION		DATE	BY
054-00-0, 055-00-0 PAR 1, DELETED		10-15-10	W.G.S.

LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS

Curve LR312-5
 $\Delta = 25' 13' 49.699''$ (RT)
 $D = 22' 55' 05.922''$
 $L = 110.089'$
 $T = 55.951'$
 $R = 250.000'$
 BK N 24° 37' 38.570" W
 AH N 0° 36' 11.128" E
 PC 34+76.492
 PT 35+86.581

Curve LR312-4
 $\Delta = 21' 42' 58.475''$ (RT)
 $D = 7' 38' 21.974''$
 $L = 284.265'$
 $T = 143.859'$
 $R = 750.000'$
 BK N 46° 20' 37.046" W
 AH N 24° 37' 38.570" W
 PC 29+68.678
 PT 32+52.943

Curve LR312-3
 $\Delta = 23' 04' 08.966''$ (LT)
 $D = 10' 25' 02.692''$
 $L = 221.448'$
 $T = 112.244'$
 $R = 550.000'$
 BK N 23° 16' 28.080" W
 AH N 46° 20' 37.046" W
 PC 22+49.378
 PT 24+70.826

WILLIAM H. KITCHENS AND
 BARBARA J. KITCHENS

054-0-00-W
 GUY B SPRINGER AND
 KRISS M SPRINGER
 10,522 SF.± (0.24 Ac.±)
 9.18 Ac.± REM.

054-0-00-0
 UNITED STATES OF AMERICA
 10,522 SF.± (0.24 Ac.±)

64.61 Ac.± REM.

055-0-00-W
 PARCEL 1
 E. C. NEELLY IV
 93,082 SF.± (2.14 Ac.±)

055-0-00-0
 PARCEL 2
 UNITED STATES OF AMERICA
 93,082 SF.± (2.14 Ac.±)

055-0-01-0
 PARCEL 1
 IKEY CARMACK AND
 LINDA CARMACK
 93,082 SF.± (2.14 Ac.±)

055-0-00-W
 PARCEL 2
 E. C. NEELLY IV
 210,096 SF.± (4.82 Ac.±)

055-0-01-0
 PARCEL 2
 IKEY CARMACK AND
 LINDA CARMACK
 210,096 SF.± (4.82 Ac.±)

059-0-00-X
 PARCEL 1
 30,688 SF.± (0.70 Ac.±)

059-0-01-0
 E. C. NEELLY IV
 30,688 SF.± (0.70 Ac.±)

059-0-00-X
 PARCEL 2
 35,971 SF.± (0.83 Ac.±)

059-0-01-0
 E. C. NEELLY IV
 35,971 SF.± (0.83 Ac.±)

HIGH VOLTAGE TRANSMISSION LINE

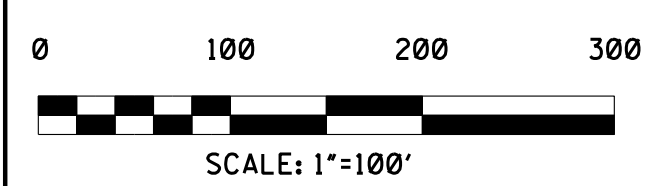
ROW REQ'D.

ROW REQ'D.

ROW REQ'D. NO ACCESS

SECTION 8 T9S, R4E
 SECTION 9 T9S, R4E

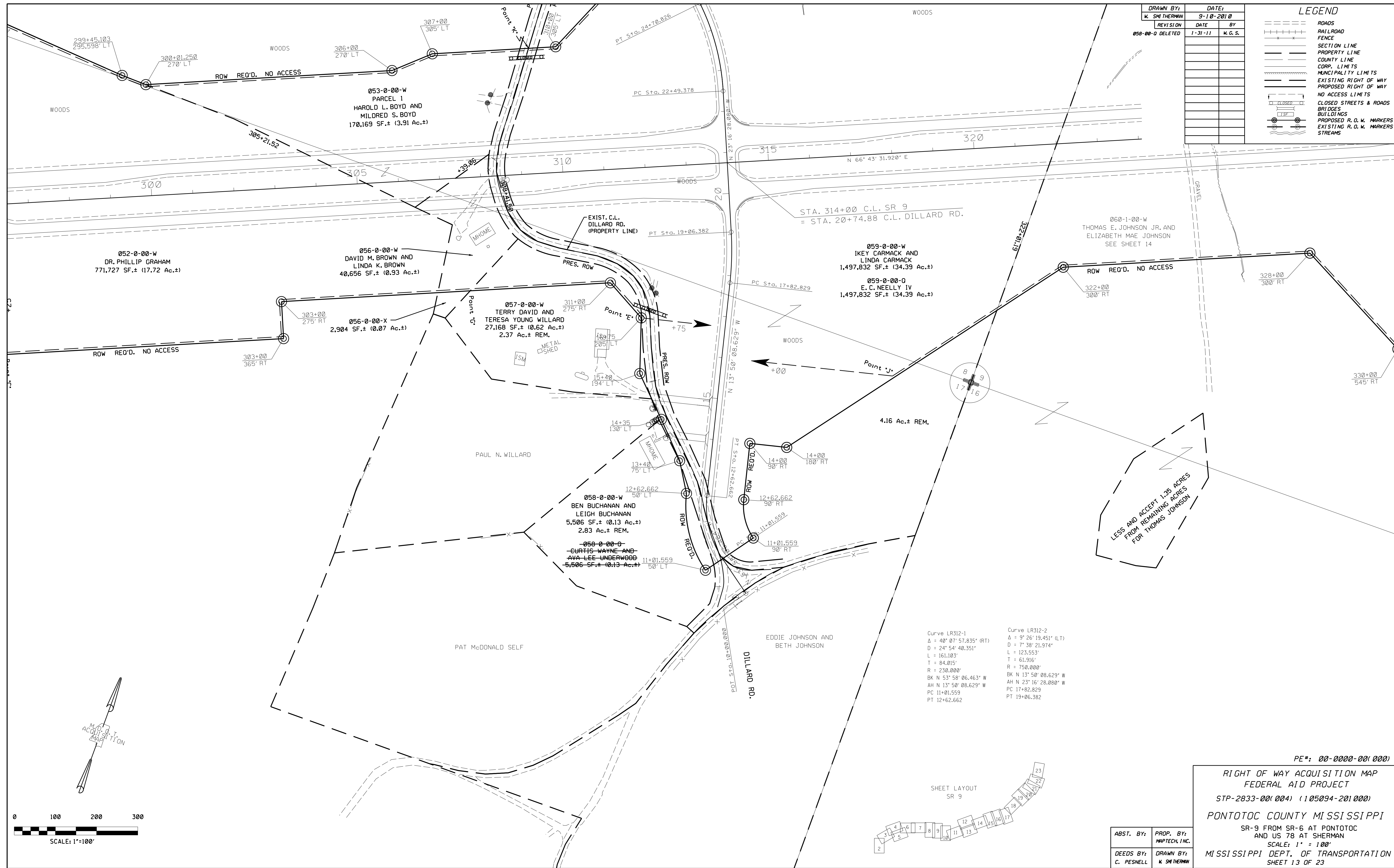
SHEET LAYOUT
 SR 9



PE#: 00-0000-00(000)

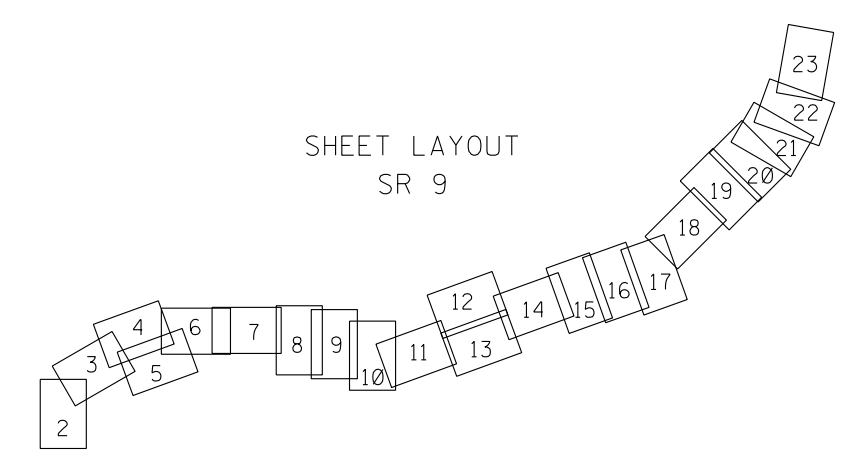
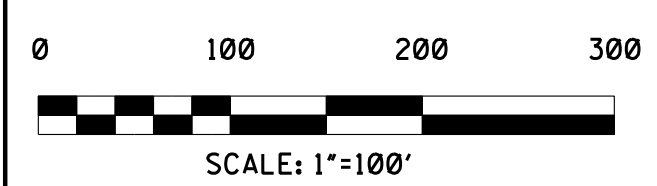
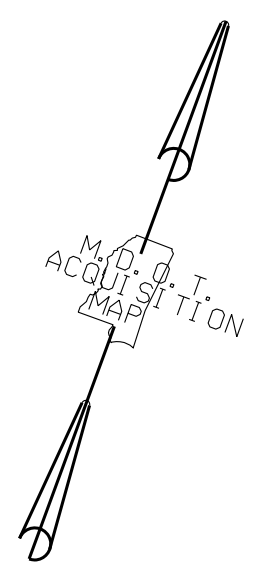
RIGHT OF WAY ACQUISITION MAP
 FEDERAL AID PROJECT
 STP-2833-00(004) (105094-201000)
 PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 12 OF 24

ABST. BY:	PROP. BY:
C. PESMELL	MAPTECH, INC.
DEEDS BY:	DRAWN BY:
	W. SMITHERMAN



DRAWN BY:		DATE:	
W. SMITHERMAN		9-10-2010	
REVISION		DATE	BY
050-00-0 DELETED		1-31-11	W. G. S.

LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS



Curve LR312-1
 $\Delta = 40^\circ 07' 57.835''$ (RT)
 $D = 24^\circ 54' 40.351''$
 $L = 161.103'$
 $T = 84.015'$
 $R = 230.000'$
 BK N 53° 58' 06.463" W
 AH N 13° 50' 08.629" W
 PC 11+01.559
 PT 12+62.662

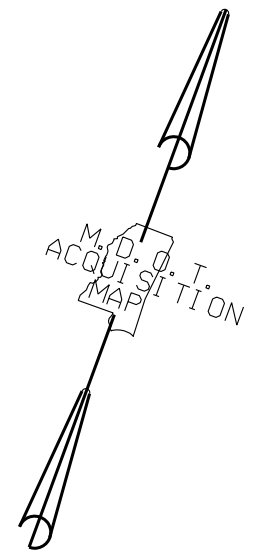
Curve LR312-2
 $\Delta = 97^\circ 26' 19.451''$ (LT)
 $D = 71^\circ 38' 21.974''$
 $L = 123.553'$
 $T = 61.916'$
 $R = 750.000'$
 BK N 13° 50' 08.629" W
 AH N 23° 16' 28.080" W
 PC 17+82.829
 PT 19+06.382

LESS AND ACCEPT 1.35 ACRES
 FROM REMAINING ACRES
 FOR THOMAS JOHNSON

PE#: 00-0000-00(000)

RIGHT OF WAY ACQUISITION MAP
 FEDERAL AID PROJECT
 STP-2833-00(004) (105094-201000)
 PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 13 OF 23

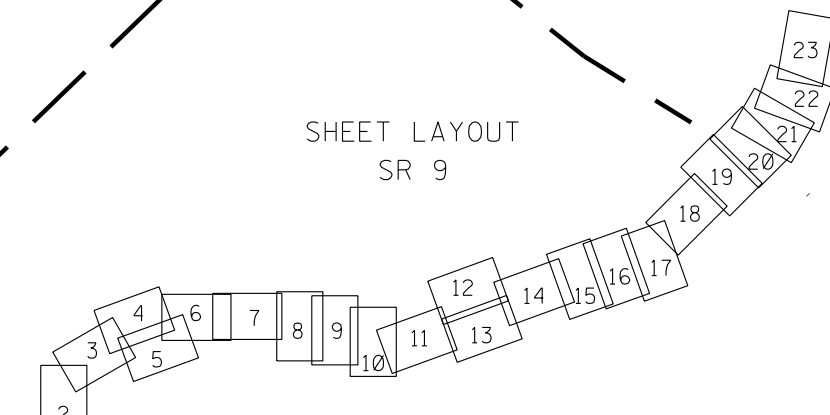
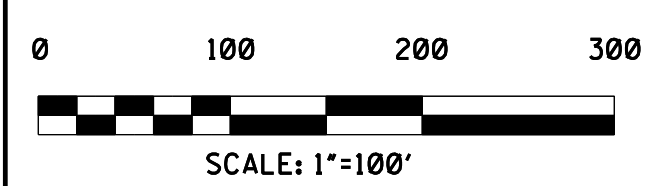
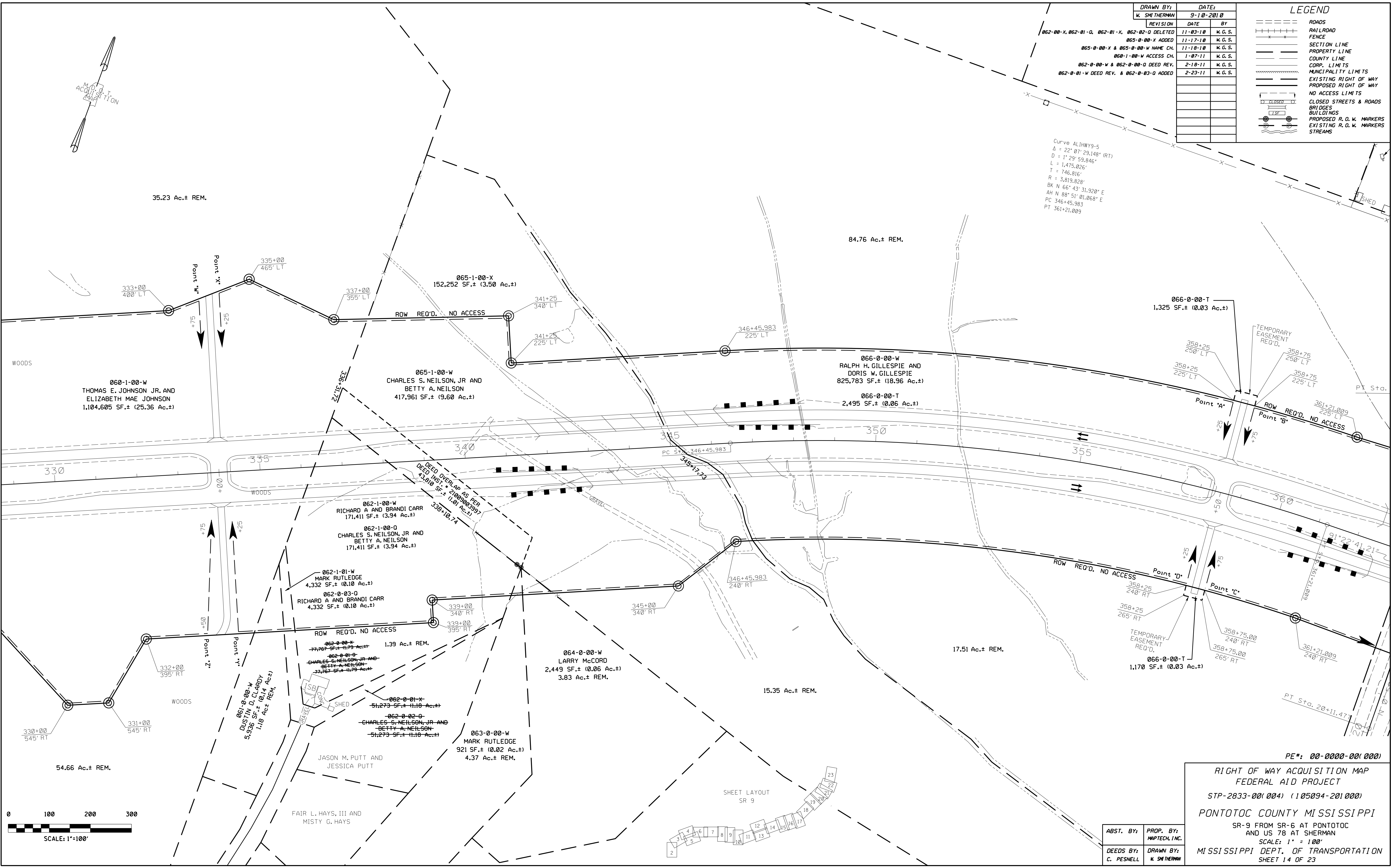
ABST. BY:	PROP. BY:
C. PESMELL	MAPTECH, INC.
DRAWN BY:	DATE:
W. SMITHERMAN	



REVISION	DATE	BY
062-00-X, 062-01-D, 062-01-X, 062-02-D DELETED	11-03-10	W.G.S.
065-0-00-X ADDED	11-17-10	W.G.S.
065-0-00-X & 065-0-00-W NAME CH.	11-18-10	W.G.S.
068-1-00-W ACCESS CH.	1-07-11	W.G.S.
062-0-00-W & 062-0-00-D DEED REV.	2-18-11	W.G.S.
062-0-01-W DEED REV. & 062-0-03-D ADDED	2-23-11	W.G.S.

LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS

Curve ALHWY9-5
 $\Delta = 22^{\circ}07'29.148''$ (RT)
 $D = 11^{\circ}29'59.846''$
 $L = 1,415.026'$
 $T = 746.816'$
 $R = 3,819.828'$
 $BK N 66^{\circ}43'31.920'' E$
 $AH N 88^{\circ}51'01.068'' E$
 $PC 346+45.983$
 $PT 361+21.009$

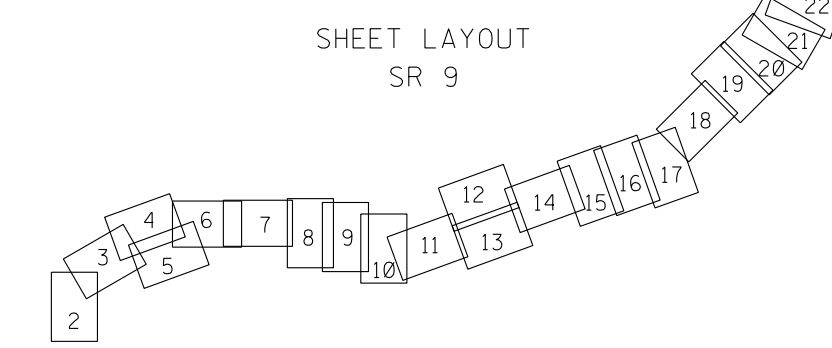


PE#: 00-0000-00(000)
 RIGHT OF WAY ACQUISITION MAP
 FEDERAL AID PROJECT
 STP-2833-00(004) (105094-201000)
 PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 14 OF 23

ABST. BY:	PROP. BY:
C. PESMELL	MAPTECH, INC.
DEEDS BY:	DRAWN BY:
	W. SMITHERMAN

DRAWN BY:		DATE:	
W. SMITHERMAN		9-10-2010	
REVISION		DATE	BY
		3-22-11	W. G. S.

LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS

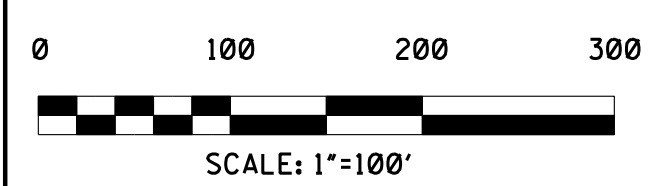
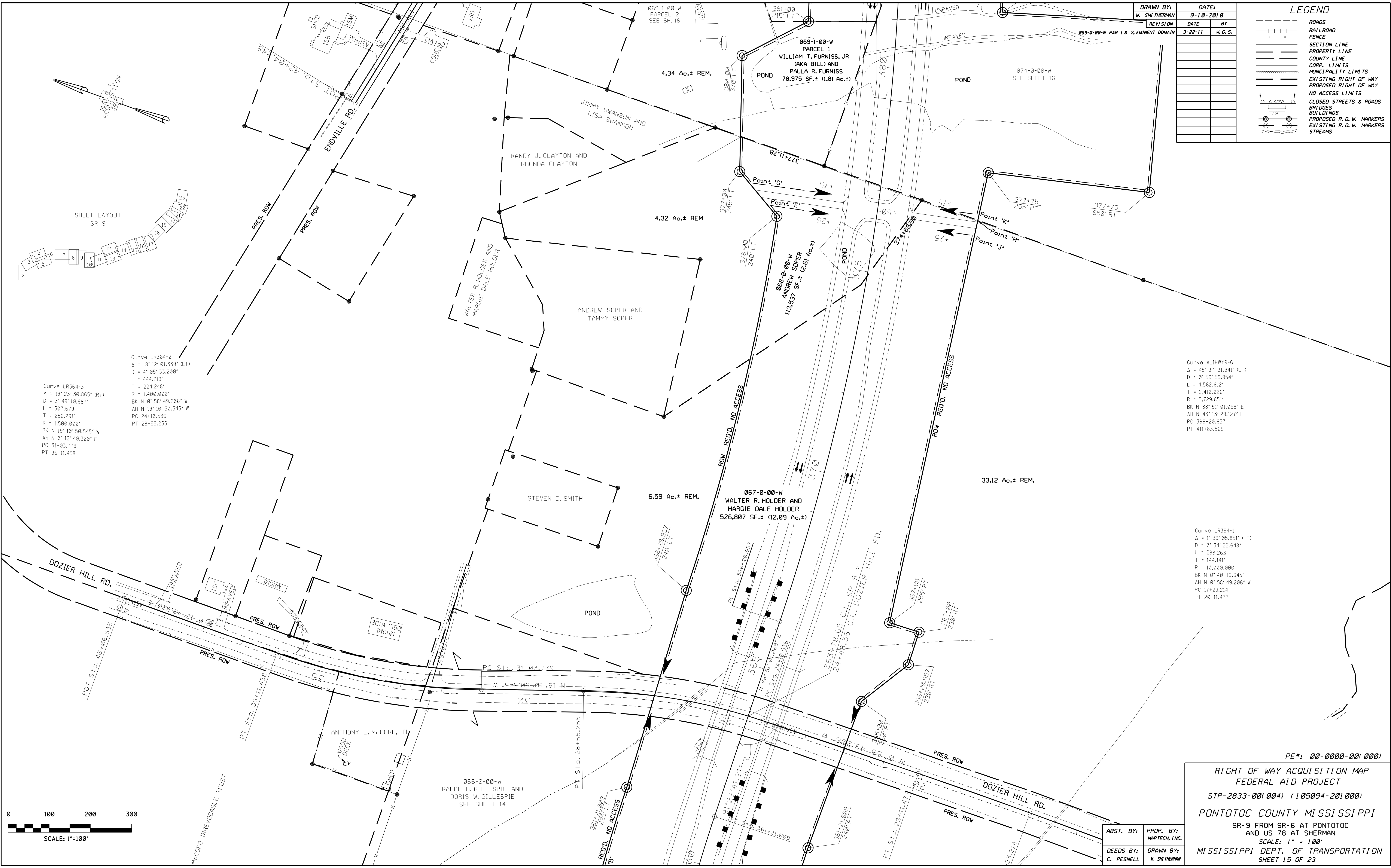


Curve LR364-3
 $\Delta = 19^\circ 23' 30.865''$ (RT)
 $D = 3' 49' 10.987''$
 $L = 507.679'$
 $T = 256.291'$
 $R = 1,500.000'$
 $BK N 19^\circ 10' 50.545'' W$
 $AH N 0^\circ 12' 40.320'' E$
 $PC 31+03.779$
 $PT 36+11.458$

Curve LR364-2
 $\Delta = 18^\circ 12' 01.339''$ (LT)
 $D = 4' 05' 33.200''$
 $L = 444.719'$
 $T = 224.248'$
 $R = 1,400.000'$
 $BK N 0^\circ 58' 49.206'' W$
 $AH N 19^\circ 10' 50.545'' W$
 $PC 24+10.536$
 $PT 28+55.255$

Curve ALHWY9-6
 $\Delta = 45^\circ 37' 31.941''$ (LT)
 $D = 0^\circ 59' 59.954''$
 $L = 4,562.612'$
 $T = 2,410.026'$
 $R = 5,729.651'$
 $BK N 88^\circ 51' 01.068'' E$
 $AH N 43^\circ 13' 29.127'' E$
 $PC 366+20.957$
 $PT 411+83.569$

Curve LR364-1
 $\Delta = 1^\circ 39' 05.851''$ (LT)
 $D = 0^\circ 34' 22.648''$
 $L = 288.263'$
 $T = 144.141'$
 $R = 10,000.000'$
 $BK N 0^\circ 40' 16.645'' E$
 $AH N 0^\circ 58' 49.206'' W$
 $PC 17+23.214$
 $PT 20+11.477$



ABST. BY:
C. PESMELL

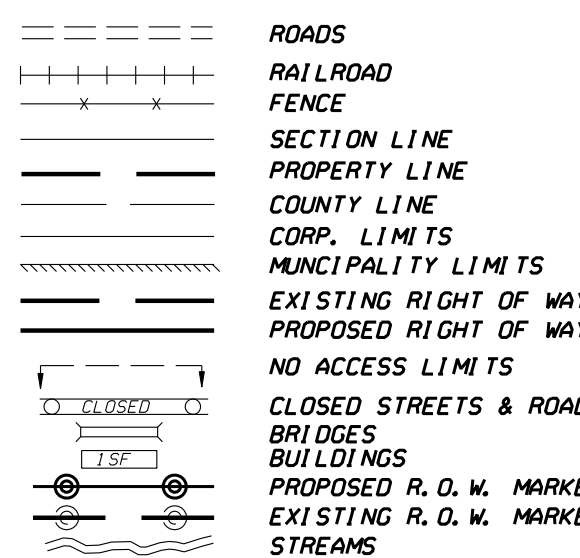
PROP. BY:
MAPTECH, INC.

DRAWN BY:
W. SMITHERMAN

PE#: 00-0000-00(000)

RIGHT OF WAY ACQUISITION MAP
 FEDERAL AID PROJECT
 STP-2833-00(004) (105094-201000)
 PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 15 OF 23

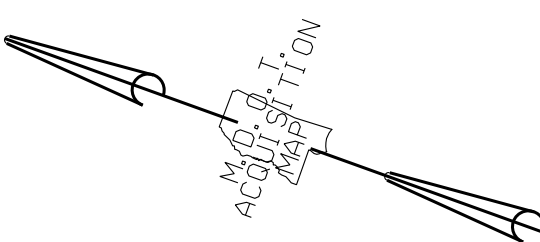
LEGEND



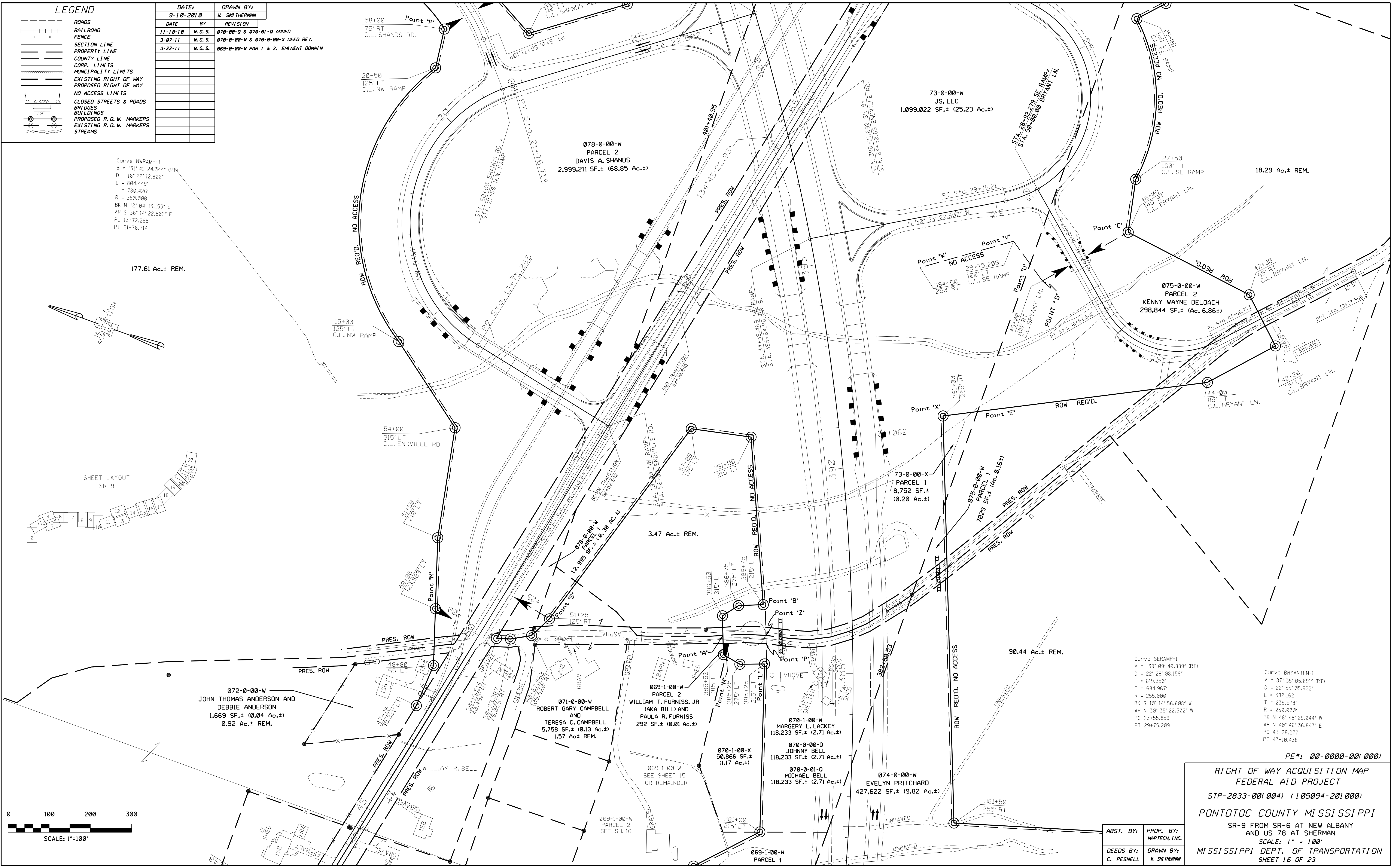
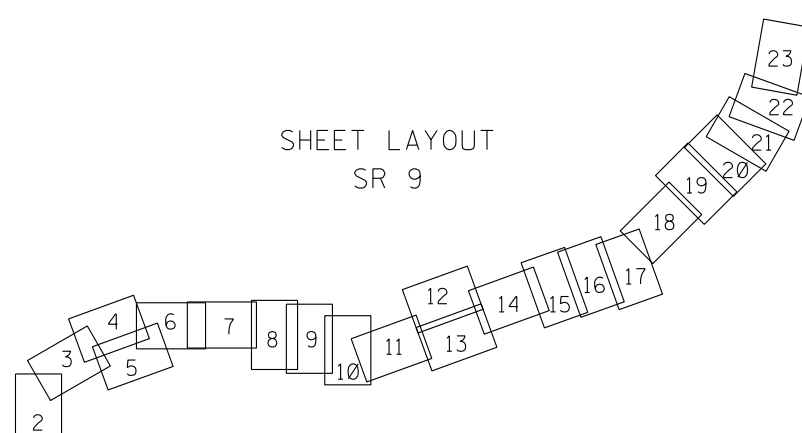
DATE	BY	REVISION	DATE	BY	REVISION
9-10-2010	W. SMITHERMAN				
11-18-10	W.G.S.	070-00-0 & 070-01-0 ADDED			
3-07-11	W.G.S.	070-0-00-W & 070-0-00-X DEED REV.			
3-22-11	W.G.S.	069-0-00-W PAR 1 & 2. EMINENT DOMAIN			

Curve NWRAMP-1
 $\Delta = 131^\circ 41' 24.344''$ (RT)
 $D = 16^\circ 22' 12.802''$
 $L = 804.449'$
 $T = 780.426'$
 $R = 350.000'$
 $BK N 12^\circ 04' 13.153'' E$
 $AH S 36^\circ 14' 22.502'' E$
 $PC 13+72.265$
 $PT 21+76.714$

177.61 Ac.± REM.



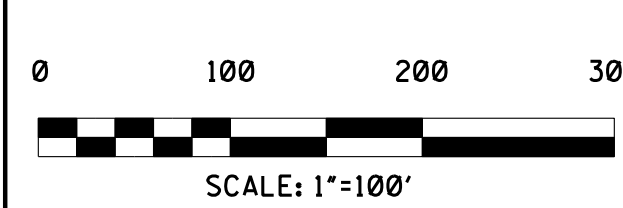
SHEET LAYOUT
SR 9



Curve SERAMP-1
 $\Delta = 139^\circ 09' 40.889''$ (RT)
 $D = 22^\circ 28' 08.159''$
 $L = 619.550'$
 $T = 684.967'$
 $R = 255.000'$
 $BK S 10^\circ 14' 56.608'' W$
 $AH N 30^\circ 35' 22.502'' W$
 $PC 23+55.859$
 $PT 29+75.209$

Curve BRYANTLN-1
 $\Delta = 87^\circ 35' 05.891''$ (RT)
 $D = 22^\circ 55' 05.922''$
 $L = 382.162'$
 $T = 239.678'$
 $R = 250.000'$
 $BK N 46^\circ 48' 29.044'' W$
 $AH N 40^\circ 46' 36.847'' E$
 $PC 43+28.277$
 $PT 47+10.438$

PE#: 00-0000-00(000)



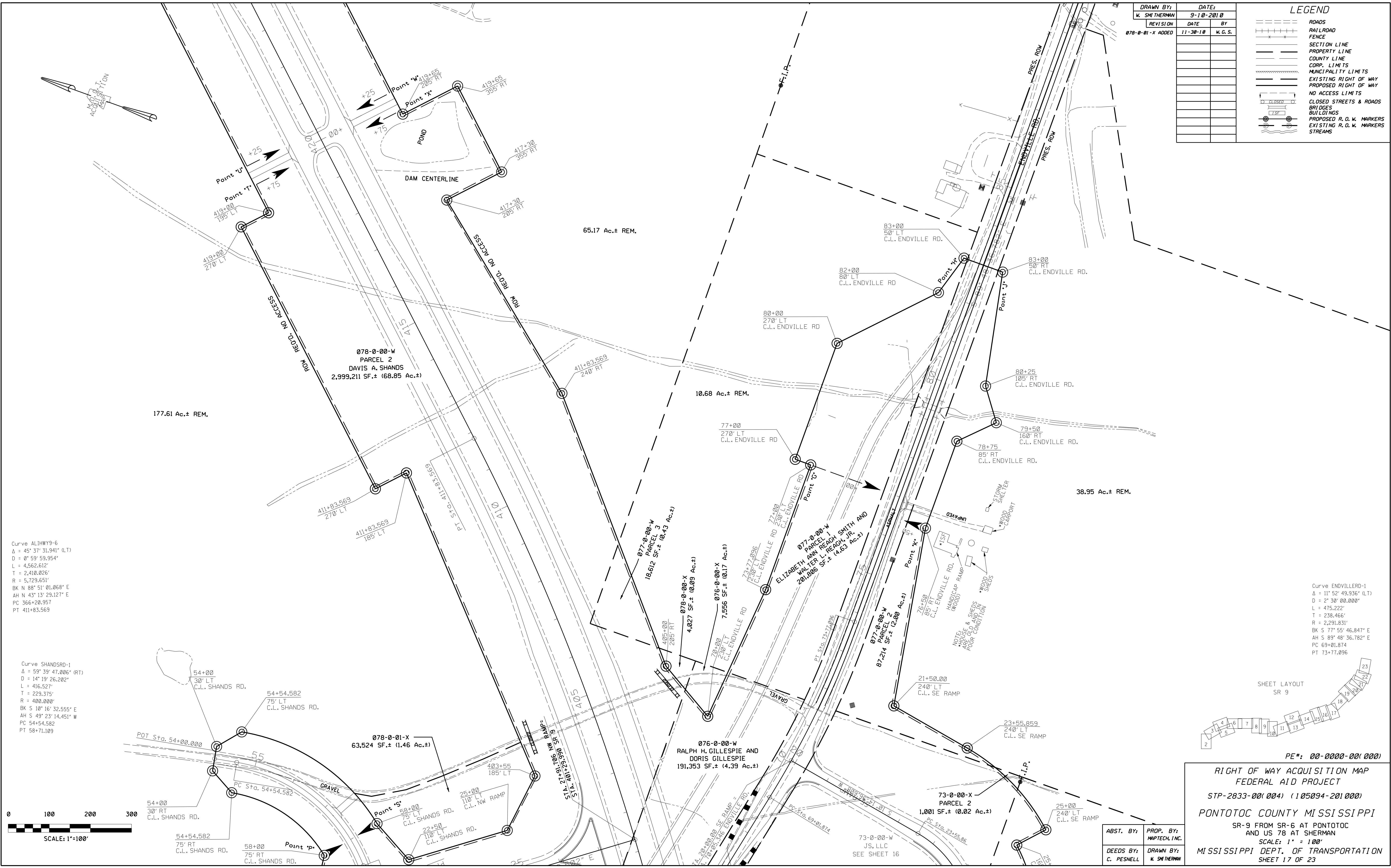
SCALE: 1"=100'

ABST. BY:	PROP. BY:
DEEDS BY:	DRAWN BY:
C. CEMMELL	W. SMITHERMAN

RIGHT OF WAY ACQUISITION MAP
FEDERAL AID PROJECT
STP-2833-00(004) (105094-201000)
PONTOTOC COUNTY MISSISSIPPI
SR-9 FROM SR-6 AT NEW ALBANY
AND US 78 AT SHERMAN
SCALE: 1" = 100'
MISSISSIPPI DEPT. OF TRANSPORTATION
SHEET 16 OF 23

DRAWN BY:	DATE:	
W. SMITHERMAN	9-10-2010	
REVISION	DATE	BY
078-0-01-X ADDED	11-30-10	W. G. S.

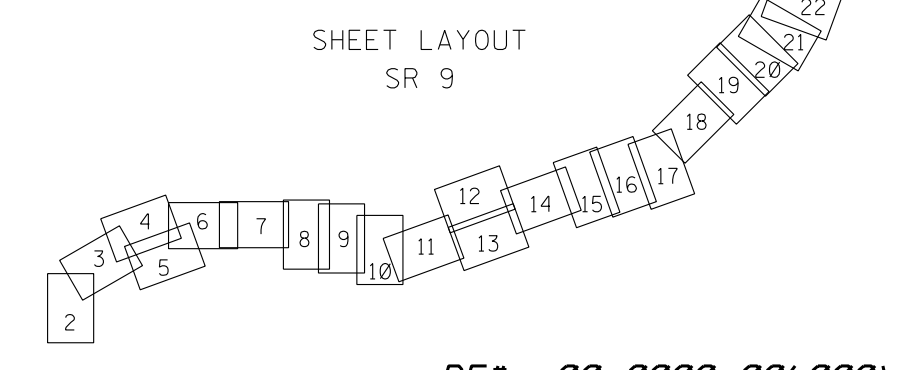
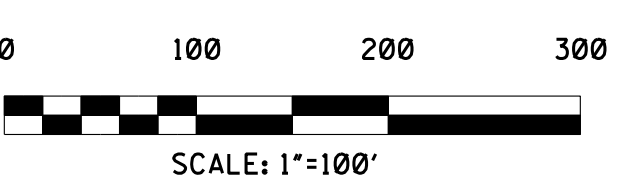
LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS



Curve ALHWY9-6
 $\Delta = 45^\circ 37' 31.941''$ (LT)
 $D = 0^\circ 59' 59.954''$
 $L = 4,562.612'$
 $T = 2,410.026'$
 $R = 5,729.651'$
 BK N $88^\circ 51' 01.068''$ E
 AH N $43^\circ 13' 29.127''$ E
 PC 366+20.957
 PT 411+83.569

Curve SHANDSRD-1
 $\Delta = 59^\circ 39' 47.006''$ (RT)
 $D = 14^\circ 19' 26.202''$
 $L = 416.527'$
 $T = 229.375'$
 $R = 400.000'$
 BK S $10^\circ 16' 32.555''$ E
 AH S $49^\circ 23' 14.451''$ W
 PC 54+54.582
 PT 58+71.109

Curve ENDVILLRD-1
 $\Delta = 11^\circ 52' 49.936''$ (LT)
 $D = 2^\circ 30' 00.000''$
 $L = 475.222'$
 $T = 238.466'$
 $R = 2,291.831'$
 BK S $77^\circ 55' 46.847''$ E
 AH S $89^\circ 48' 36.782''$ E
 PC 69+01.874
 PT 73+77.096



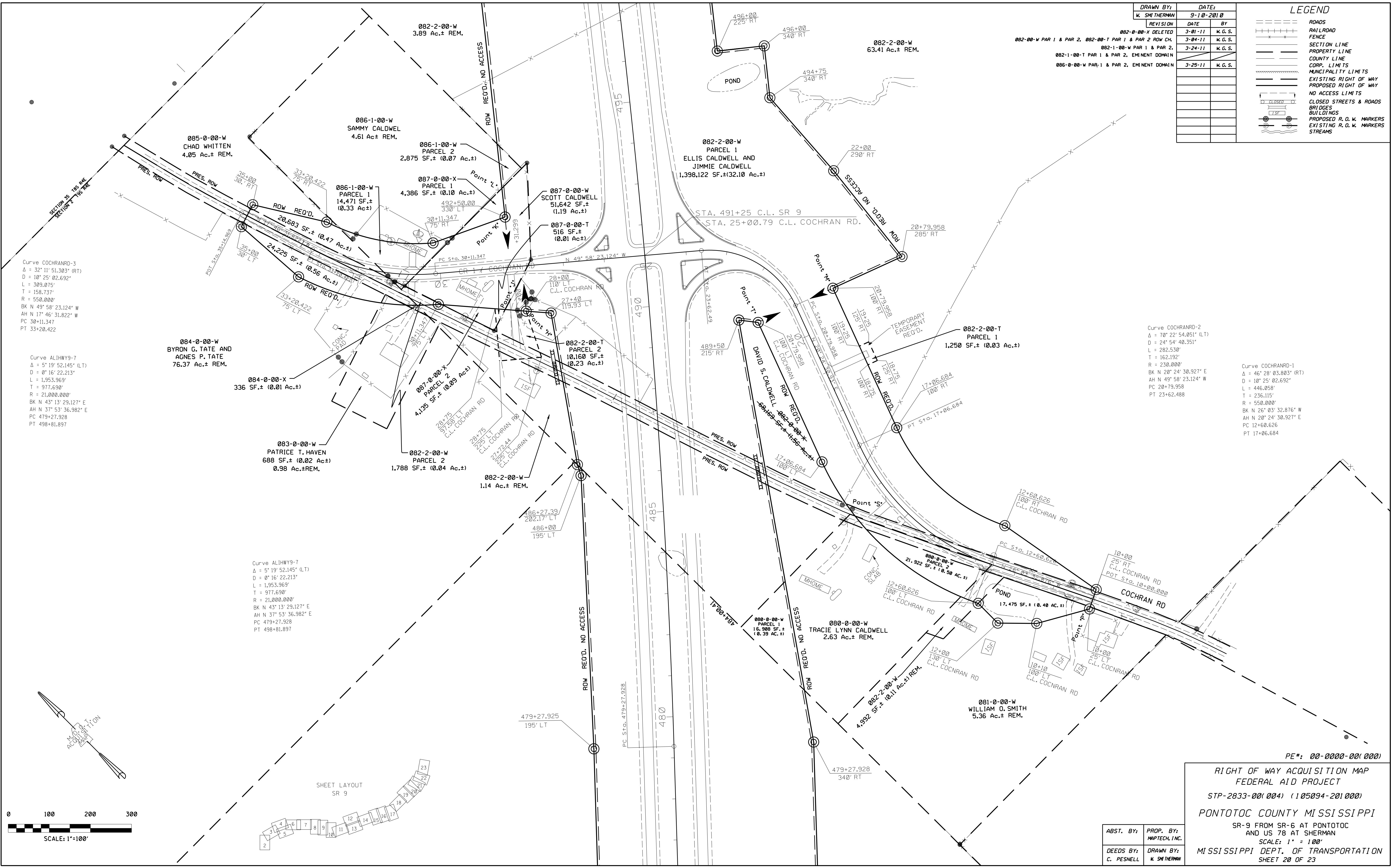
PE#: 00-0000-00(000)

RIGHT OF WAY ACQUISITION MAP
FEDERAL AID PROJECT
STP-2833-00(004) (105094-201000)
PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 17 OF 23

ABST. BY:	PROP. BY:
C. PEMMELL	W. SMITHERMAN

DRAWN BY:	DATE:	
W. SMITHERMAN	9-10-2010	
REVISION	DATE	BY
082-0-00-X DELETED	3-01-11	W.G.S.
082-00-W PAR 1 & PAR 2, 082-00-T PAR 1 & PAR 2 ROW CH.	3-04-11	W.G.S.
082-1-00-W PAR 1 & PAR 2,	3-24-11	W.G.S.
082-1-00-T PAR 1 & PAR 2, EMINENT DOMAIN		
086-0-00-W PAR 1 & PAR 2, EMINENT DOMAIN	3-25-11	W.G.S.

LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS



Curve COCHRANRD-2
 Δ = 70° 22' 54.051" (LT)
 D = 24° 54' 40.351"
 L = 282.530'
 T = 162.192'
 R = 230.000'
 BK N 20° 24' 30.927" E
 AH N 49° 58' 23.124" W
 PC 20+79.958
 PT 23+62.488

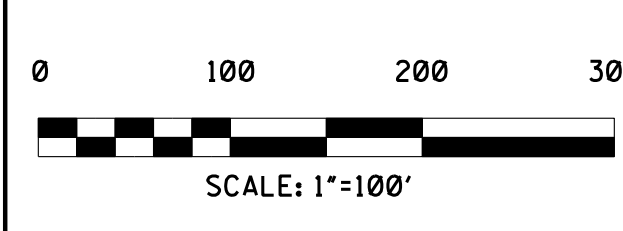
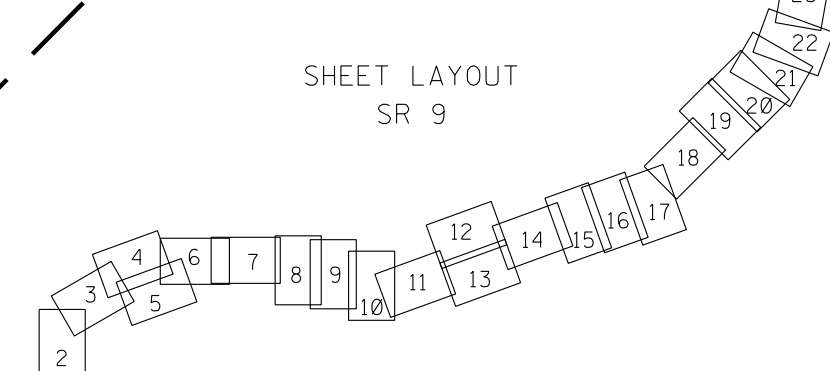
Curve COCHRANRD-1
 Δ = 46° 28' 03.803" (RT)
 D = 10° 25' 02.692"
 L = 446.058'
 T = 236.115'
 R = 550.000'
 BK N 25° 03' 32.876" W
 AH N 20° 24' 30.927" E
 PC 12+60.626
 PT 17+06.684

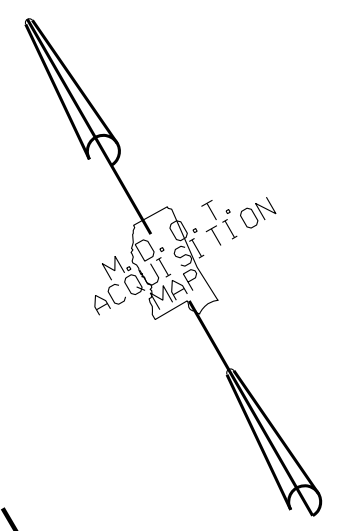
Curve ALHWY9-7
 Δ = 5° 19' 52.145" (LT)
 D = 0° 16' 22.213"
 L = 1,953.969'
 T = 977.690'
 R = 21,000.000'
 BK N 43° 13' 29.127" E
 AH N 37° 53' 36.982" E
 PC 479+27.928
 PT 498+81.897

PE#: 00-0000-00(000)

RIGHT OF WAY ACQUISITION MAP
 FEDERAL AID PROJECT
 STP-2833-00(004) (105094-201000)
 PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 20 OF 23

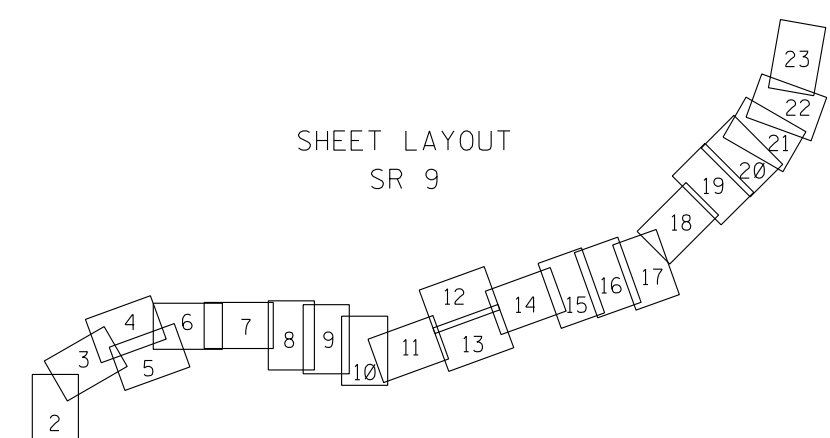
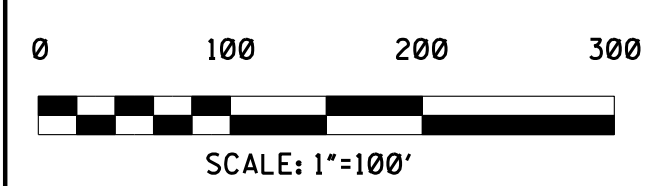
ABST. BY:	PROP. BY:
C. PESMELL	MAPTECH, INC.
DRAWN BY:	
W. SMITHERMAN	





DRAWN BY:		DATE:	
W. SMITHERMAN		9-10-2010	
REVISION		BY	
2-22-11		W. G. S.	
3-24-11		W. G. S.	

LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS



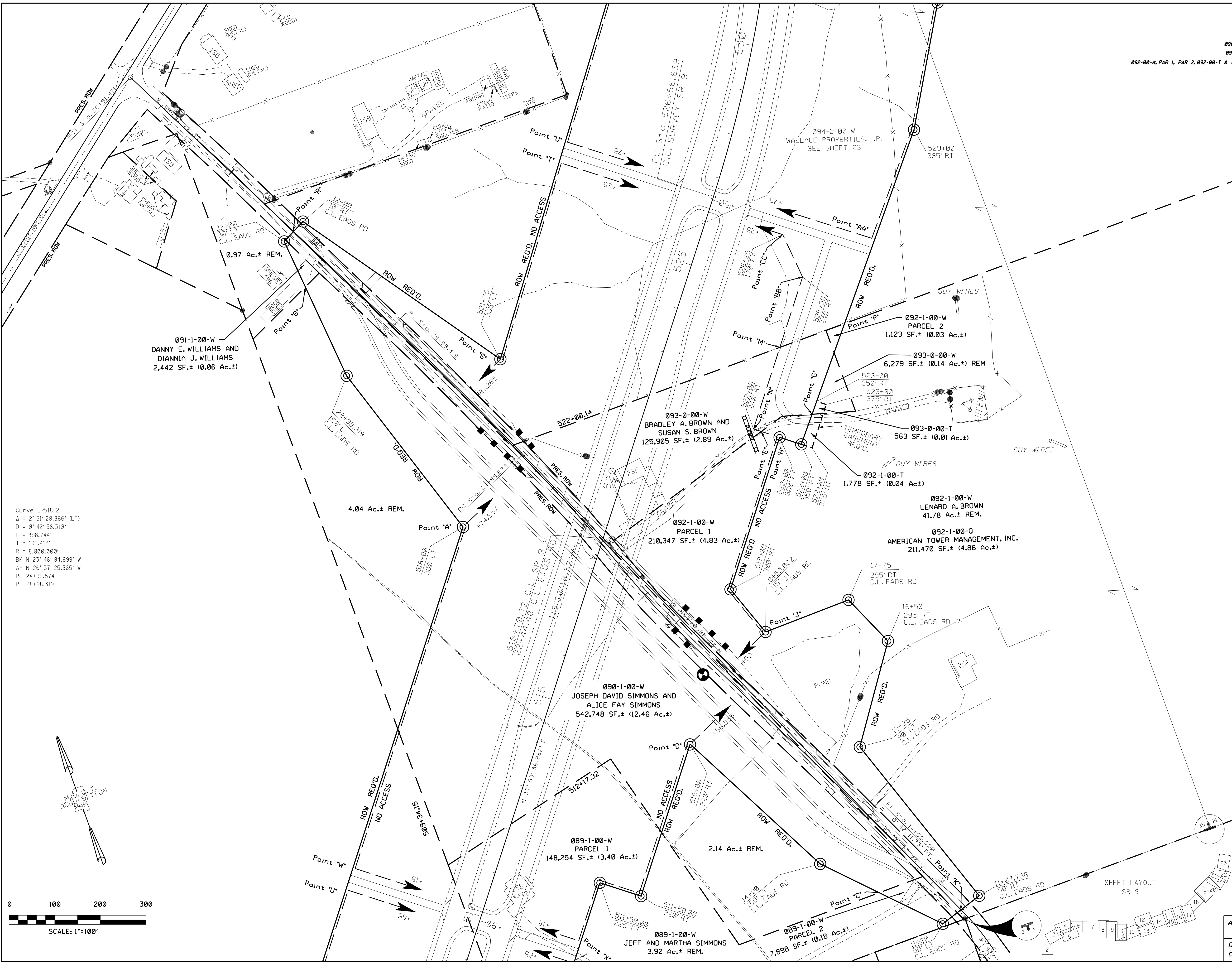
ABST. BY:	PROP. BY:
C. PESMELL	MAPTECH, INC.
DRAWN BY:	
W. SMITHERMAN	

PE#: 00-0000-00(000)

RIGHT OF WAY ACQUISITION MAP
FEDERAL AID PROJECT
STP-2833-00(004) (105094-201000)
PONTOTOC COUNTY MISSISSIPPI
SR-9 FROM SR-6 AT PONTOTOC
AND US 78 AT SHERMAN
SCALE: 1" = 100'
MISSISSIPPI DEPT. OF TRANSPORTATION
SHEET 21 OF 23

DRAWN BY:	DATE:	
W. SMITHERMAN	9-10-2010	
REVISION	DATE	BY
089-0-00-W AC. CH.	2-16-11	W.G.S.
090-0-00-W EMINENT DOMAIN	2-24-11	W.G.S.
091-0-00-W EMINENT DOMAIN	2-24-11	W.G.S.
092-00-W, PAR. 1, PAR. 2, 092-00-T & 092-00-O EMINENT DOMAIN	3-01-11	W.G.S.

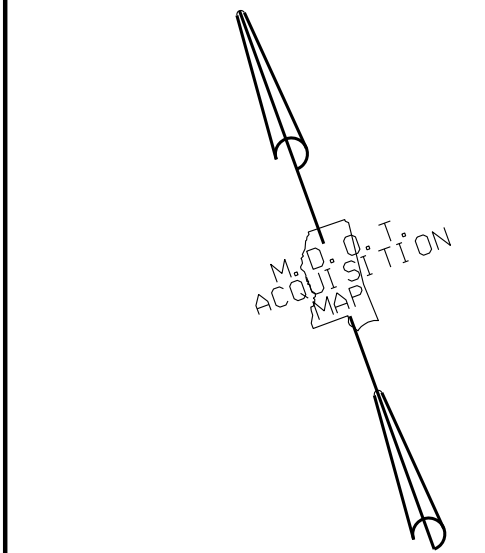
LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R.O.W. MARKERS
	EXISTING R.O.W. MARKERS
	STREAMS



Curve ALR1LNEOP-1
 $\Delta = 38^\circ 18' 28.449''$ (LT)
 $D = 2^\circ 00' 00.000''$
 $L = 1,915.395'$
 $T = 995.044'$
 $R = 2,864.789'$
 $BK N 37^\circ 53' 36.982'' E$
 $AH N 0^\circ 24' 51.467'' W$
 $PC 126+06.560$
 $PT 145+21.955$

Curve LR518-2
 $\Delta = 2^\circ 51' 20.866''$ (LT)
 $D = 0^\circ 42' 58.310''$
 $L = 398.744'$
 $T = 199.413'$
 $R = 0,000.000'$
 $BK N 23^\circ 46' 04.639'' W$
 $AH N 26^\circ 37' 25.565'' W$
 $PC 24+99.574$
 $PT 28+98.319$

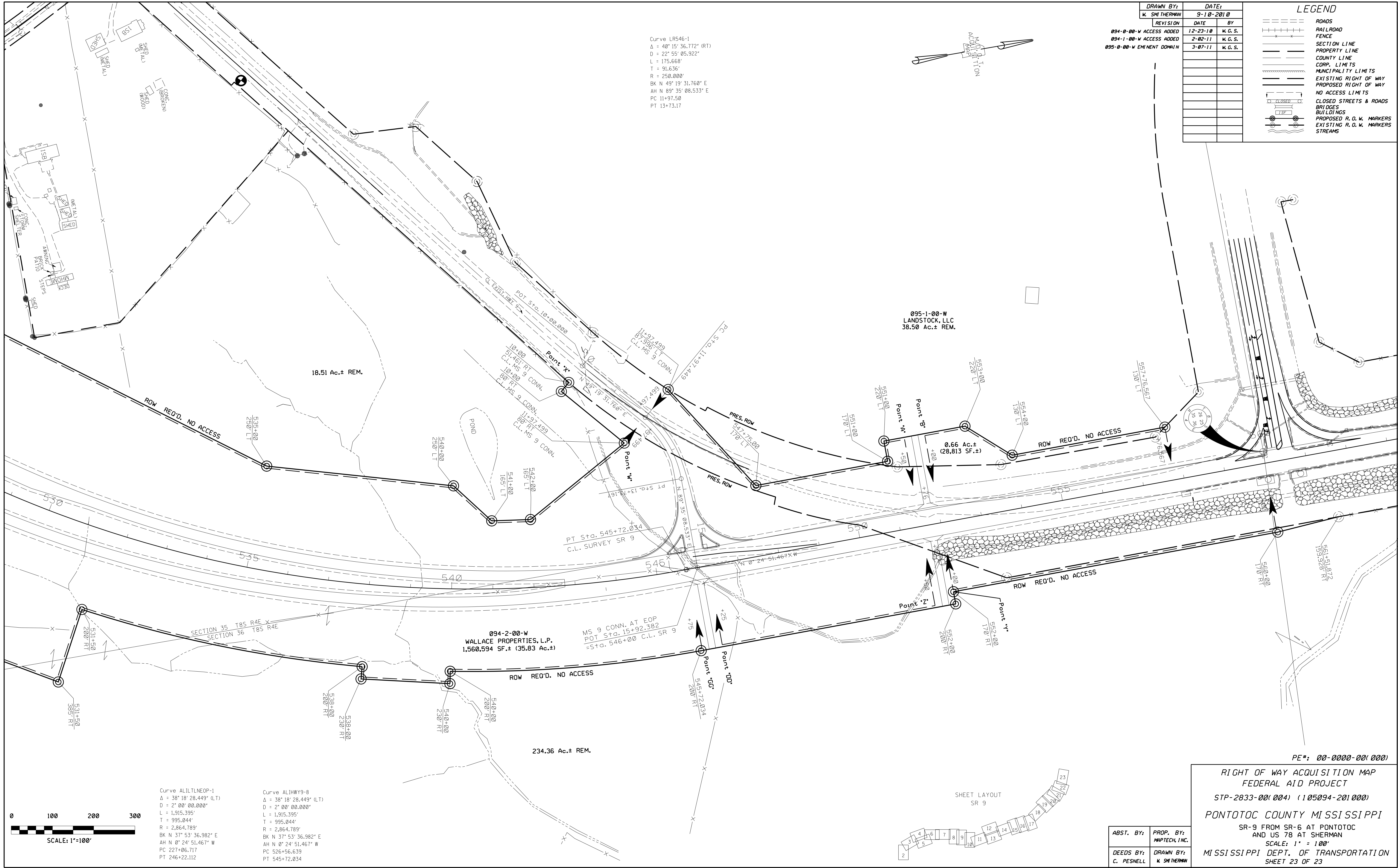
Curve LR518-1
 $\Delta = 8^\circ 50' 20.198''$ (LT)
 $D = 10^\circ 25' 02.692''$
 $L = 84.848'$
 $T = 42.508'$
 $R = 550.000'$
 $BK N 15^\circ 35' 56.226'' W$
 $AH N 24^\circ 26' 16.425'' W$
 $PC 10+22.948$
 $PT 11+07.796$



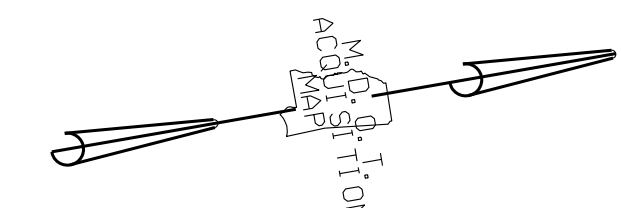
PE#: 00-0000-00(000)

RIGHT OF WAY ACQUISITION MAP
 FEDERAL AID PROJECT
 STP-2833-00(004) (105094-201000)
 PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 22 OF 23

ABST. BY:	PROP. BY:
C. PESMELL	MAPTECH, INC.
DEEDS BY:	DRAWN BY:
	W. SMITHERMAN



Curve LR546-1
 $\Delta = 40^\circ 15' 36.772''$ (RT)
 $D = 22^\circ 55' 05.922''$
 $L = 175.668'$
 $T = 91.636'$
 $R = 250.000'$
 $BK N 49^\circ 19' 31.760'' E$
 $AH N 89^\circ 35' 08.533'' E$
 $PC 11+97.50$
 $PT 13+73.17$

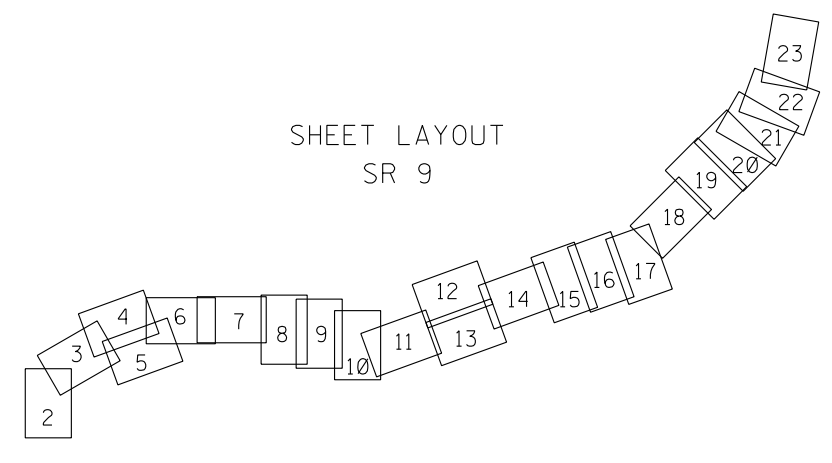
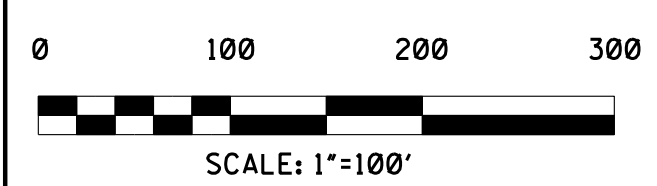


DRAWN BY:		DATE:	
W. SMITHERMAN		9-10-2010	
REVISION	DATE	BY	
094-0-00-W ACCESS ADDED	12-23-10	W. G. S.	
094-1-00-W ACCESS ADDED	2-02-11	W. G. S.	
095-0-00-W EMINENT DOMAIN	3-07-11	W. G. S.	

LEGEND	
	ROADS
	RAILROAD
	FENCE
	SECTION LINE
	PROPERTY LINE
	COUNTY LINE
	CORP. LIMITS
	MUNICIPALITY LIMITS
	EXISTING RIGHT OF WAY
	PROPOSED RIGHT OF WAY
	NO ACCESS LIMITS
	CLOSED STREETS & ROADS
	BRIDGES
	BUILDINGS
	PROPOSED R. O. W. MARKERS
	EXISTING R. O. W. MARKERS
	STREAMS

Curve AL1LTLNEOP-1
 $\Delta = 38^\circ 18' 28.449''$ (LT)
 $D = 2^\circ 00' 00.000''$
 $L = 1,915.395'$
 $T = 995.044'$
 $R = 2,864.789'$
 $BK N 37^\circ 53' 36.982'' E$
 $AH N 0^\circ 24' 51.467'' W$
 $PC 227+06.717$
 $PT 246+22.112$

Curve AL1HWY9-8
 $\Delta = 38^\circ 18' 28.449''$ (LT)
 $D = 2^\circ 00' 00.000''$
 $L = 1,915.395'$
 $T = 995.044'$
 $R = 2,864.789'$
 $BK N 37^\circ 53' 36.982'' E$
 $AH N 0^\circ 24' 51.467'' W$
 $PC 526+56.639$
 $PT 545+72.034$



ABST. BY:	PROP. BY:
C. PESMELL	MAPTECH, INC.
DRAWN BY:	
W. SMITHERMAN	

PE#: 00-0000-00(000)

RIGHT OF WAY ACQUISITION MAP
 FEDERAL AID PROJECT
 STP-2833-00(004) (105094-201000)
 PONTOTOC COUNTY MISSISSIPPI
 SR-9 FROM SR-6 AT PONTOTOC
 AND US 78 AT SHERMAN
 SCALE: 1" = 100'
 MISSISSIPPI DEPT. OF TRANSPORTATION
 SHEET 23 OF 23

RIGHT OF WAY MARKERS

ROW MARKER NAME / STAMP MARKER AS:	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING
105094-201000-001	MS HWY 9	64+38.051	-120.000	1744168.797	942873.330
105094-201000-002	MS HWY 9	68+89.628	-100.000	1744620.150	942897.898
105094-201000-003	MS HWY 9	68+89.628	145.000	1744617.670	943142.886
105094-201000-004	MS HWY 9	71+79.628	-100.000	1744915.069	942905.902
105094-201000-005	MS HWY 9	71+79.628	145.000	1744900.198	943150.451
105094-201000-006	MS HWY 9	74+00.000	-190.000	1745154.306	942839.334
105094-201000-007	MS HWY 9	75+00.000	-160.000	1745254.501	942885.361
105094-201000-008	MS HWY 9	75+00.000	145.000	1745202.130	943185.831
105094-201000-009	MS HWY 9	80+00.000	270.000	1745617.786	943425.178
105094-201000-010	MS HWY 9	81+00.000	-160.000	1745862.700	943058.464
105094-201000-011	MS HWY 9	86+00.000	-300.000	1746406.914	943178.034
105094-201000-012	MS HWY 9	86+00.000	270.000	1746105.812	943662.016
105094-201000-013	MS HWY 9	91+00.000	-335.000	1746871.509	943483.106
105094-201000-014	MS HWY 9	91+00.000	460.000	1746340.715	944074.953
105094-201000-015	MS HWY 9	93+00.000	-445.000	1747111.450	943561.368
105094-201000-016	MS HWY 9	96+25.000	-445.000	1747356.979	943845.186
105094-201000-017	MS HWY 9	97+00.000	460.000	1746677.848	944447.897
105094-201000-018	MS HWY 9	97+20.000	-500.000	1747467.170	943901.120
105094-201000-019	MS HWY 9	97+55.000	-570.000	1747548.293	943894.480
105094-201000-020	MS HWY 9	98+00.000	-455.000	1747483.688	944003.406
105094-201000-021	MS HWY 9	98+30.000	-520.000	1747557.229	943996.402
105094-201000-022	MS HWY 9	100+00.000	-350.000	1747516.038	944252.351
105094-201000-023	MS HWY 9	100+45.000	280.000	1746991.157	944603.705
105094-201000-024	MS HWY 9	102+47.692	-350.000	1747644.927	944498.517
105094-201000-025	MS HWY 9	102+47.692	280.000	1747074.694	944766.350
105094-201000-026	MS HWY 9	102+47.692	355.000	1747006.809	944798.235
105094-201000-027	MS HWY 9	105+37.652	-340.000	1747757.129	944784.951
105094-201000-028	MS HWY 9	105+37.652	355.000	1747113.921	945048.217
105094-201000-029	MS HWY 9	109+00.000	355.000	1747251.179	945383.562
105094-201000-030	MS HWY 9	109+00.000	430.000	1747181.768	945411.972
105094-201000-031	MS HWY 9	112+00.000	285.000	1747429.602	945634.690
105094-201000-032	MS HWY 9	112+00.000	430.000	1747295.408	945689.616
105094-201000-033	MS HWY 9	118+00.000	-340.000	1748235.306	945953.226
105094-201000-034	MS HWY 9	119+00.000	-360.000	1748291.696	946038.198
105094-201000-035	MS HWY 9	122+00.000	285.000	1747808.403	946560.168
105094-201000-036	MS HWY 9	123+00.000	400.000	1747739.853	946696.278
105094-201000-037	MS HWY 9	125+50.000	315.000	1747913.218	946895.450

RIGHT OF WAY MARKERS

ROW MARKER NAME / STAMP MARKER AS:	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING
105094-201000-038	MS HWY 9	125+50.000	400.000	1747834.553	946927.648
105094-201000-039	MS HWY 9	128+82.722	-360.000	1748663.952	946947.687
105094-201000-040	MS HWY 9	128+82.722	315.000	1748039.254	947203.377
105094-201000-041	MS HWY 9	138+00.000	-330.000	1748958.340	947845.786
105094-201000-042	MS HWY 9	138+00.000	380.000	1748281.849	948061.331
105094-201000-043	MS HWY 9	142+96.697	-345.000	1749117.349	948331.948
105094-201000-044	MS HWY 9	142+96.697	380.000	1748417.678	948521.908
105094-201000-045	MS HWY 9	145+00.000	380.000	1748470.946	948718.108
105094-201000-046	MS HWY 9	147+00.000	-345.000	1749223.020	948721.162
105094-201000-047	MS HWY 9	147+50.000	-460.000	1749347.103	948739.283
105094-201000-048	MS HWY 9	148+00.000	625.000	1748313.109	949071.821
105094-201000-049	MS HWY 9	152+00.000	-460.000	1749465.009	949173.562
105094-201000-050	MS HWY 9	152+00.000	375.000	1748659.180	949392.343
105094-201000-051	MS HWY 9	153+00.000	-145.000	1749187.215	949352.603
105094-201000-052	MS HWY 9	154+00.000	-145.000	1749213.417	949449.109
105094-201000-053	MS HWY 9	158+00.000	445.000	1748748.834	949989.723
105094-201000-054	MS HWY 9	162+00.000	445.000	1748853.639	950375.749
105094-201000-055	MS HWY 9	165+00.000	-295.000	1749646.391	950471.378
105094-201000-056	MS HWY 9	165+50.000	270.000	1749114.230	950667.669
105094-201000-057	MS HWY 9	168+00.000	270.000	1749179.733	950908.935
105094-201000-058	MS HWY 9	168+00.000	459.039	1748997.298	950958.466
105094-201000-059	MS HWY 9	169+00.000	-295.000	1749751.196	950857.404
105094-201000-060	MS HWY 9	169+60.324	-470.000	1749935.888	950869.768
105094-201000-061	MS HWY 9	169+60.324	475.000	1749023.902	951117.370
105094-201000-062	MS HWY 9	173+00.000	475.000	1749096.567	951420.246
105094-201000-063	MS HWY 9	174+00.000	-470.000	1750042.809	951333.220
105094-201000-064	MS HWY 9	175+00.000	-270.000	1749865.056	951473.698
105094-201000-065	MS HWY 9	175+00.000	245.000	1749357.560	951561.292
105094-201000-066	MS HWY 9	184+00.000	-270.000	1749951.900	952411.127
105094-201000-067	MS HWY 9	189+00.000	245.000	1749422.695	952896.508
105094-201000-068	MS HWY 9	195+00.000	-270.000	1749857.521	953557.316
105094-201000-069	MS HWY 9	202+00.000	245.000	1749191.991	954116.632
105094-201000-070	MS HWY 9	205+00.000	-270.000	1749583.198	954566.491
105094-201000-071	MS HWY 9	213+00.000	390.000	1748658.367	955017.953
105094-201000-072	MS HWY 9	214+03.290	-350.000	1749257.816	955463.835
105094-201000-073	MS HWY 9	214+03.290	-270.000	1749188.010	955424.757
105094-201000-074	MS HWY 9	219+03.290	-320.000	1748987.404	955885.471

NOTE: COORDINATES FOR ROW MARKERS WHOSE PLAN VIEW OFFSET OR STATION VALUE ARE LISTED AS "TIE TO PROPERTY LINE", "TIE TO EXISTING ROW", ETC. SHOULD BE FIELD VERIFIED.

IF MARKERS FIELD LOCATION IS DIFFERENT THAN SHOWN IN THIS TABLE, ENTER THE CORRECT VALUES IN THE LINE BELOW THE MARKER AND THEN PLACE A LINE THROUGH INCORRECT VALUES.

3/25/2011 1:54:20:22 RWMS-1.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		RIGHT OF WAY MARKERS	
		PROJ. NO. STP-2833-00(004) COUNTY Pontotoc	
		FILENAME: RWMS-1.DGN	
		DESIGN TEAM _____ CHECKED _____ DATE _____	
REVISION		PRELIMINARY NOT FOR CONSTRUCTION	
		WORKING NUMBER RWMS-1	
		SHEET NUMBER 100.208	

RIGHT OF WAY MARKERS

ROW MARKER NAME / STAMP MARKER AS:	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING
105094-201000-075	MS HWY 9	219+03.290	-270.000	1748943.775	955861.047
105094-201000-076	MS HWY 9	221+00.000	210.000	1748428.489	955804.196
105094-201000-077	MS HWY 9	221+00.000	240.000	1748401.943	955790.221
105094-201000-078	MS HWY 9	224+00.000	-320.000	1748768.598	956307.997
105094-201000-079	MS HWY 9	224+00.000	-270.000	1748723.474	956286.460
105094-201000-080	MS HWY 9	225+25.000	210.000	1748235.914	956196.060
105094-201000-081	MS HWY 9	225+25.000	240.000	1748208.632	956183.583
105094-201000-082	MS HWY 9	227+00.000	-320.000	1748649.912	956569.762
105094-201000-083	MS HWY 9	227+00.000	-270.000	1748603.977	956550.013
105094-201000-084	MS HWY 9	232+00.000	-270.000	1748428.098	956999.039
105094-201000-085	MS HWY 9	232+75.000	210.000	1747950.286	956911.455
105094-201000-086	MS HWY 9	235+00.000	-310.000	1748375.003	957285.511
105094-201000-087	MS HWY 9	236+00.000	260.000	1747800.643	957215.285
105094-201000-088	MS HWY 9	239+00.000	-365.000	1748324.053	957668.354
105094-201000-089	MS HWY 9	243+00.000	-275.000	1748151.640	958022.206
105094-201000-090	MS HWY 9	243+00.000	260.000	1747626.947	957917.697
105094-201000-091	MS HWY 9	246+00.000	-320.000	1748145.173	958313.923
105094-201000-092	MS HWY 9	251+00.000	-320.000	1748085.642	958789.179
105094-201000-093	MS HWY 9	251+00.000	260.000	1747508.089	958735.959
105094-201000-094	MS HWY 9	255+00.000	-370.000	1748110.441	959173.529
105094-201000-095	MS HWY 9	256+75.000	450.000	1747285.880	959326.356
105094-201000-096	MS HWY 9	257+50.000	365.000	1747369.948	959406.346
105094-201000-097	MS HWY 9	257+50.000	460.000	1747274.951	959405.700
105094-201000-098	MS HWY 9	268+00.000	365.000	1747437.973	960503.541
105094-201000-099	MS HWY 9	268+00.000	495.000	1747309.081	960520.476
105094-201000-100	MS HWY 9	270+00.000	-370.000	1748193.969	960596.138
105094-201000-101	MS HWY 9	272+00.000	-550.000	1748403.143	960750.949
105094-201000-102	MS HWY 9	272+00.000	495.000	1747375.593	960941.120
105094-201000-103	MS HWY 9	273+00.000	285.000	1747601.630	961004.776
105094-201000-104	MS HWY 9	275+00.000	-550.000	1748459.169	961023.637
105094-201000-105	MS HWY 9	276+00.000	-370.000	1748305.180	961155.993
105094-201000-106	MS HWY 9	277+50.000	285.000	1747706.006	961459.676
105094-201000-107	MS HWY 9	278+50.000	365.000	1747655.685	961581.069
105094-201000-108	MS HWY 9	281+00.000	365.000	1747729.191	961832.476
105094-201000-109	MS HWY 9	281+50.000	-370.000	1748445.432	961660.095
105094-201000-110	MS HWY 9	282+00.000	275.000	1747846.492	961904.554
105094-201000-111	MS HWY 9	283+00.000	-270.000	1748395.247	961827.828

RIGHT OF WAY MARKERS

ROW MARKER NAME / STAMP MARKER AS:	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING
105094-201000-112	MS HWY 9	287+00.000	275.000	1748022.439	962391.657
105094-201000-113	MS HWY 9	287+00.000	365.000	1747938.837	962424.986
105094-201000-114	MS HWY 9	289+05.234	-270.000	1748604.469	962372.732
105094-201000-115	MS HWY 9	289+05.234	275.000	1748103.820	962588.081
105094-201000-116	MS HWY 9	289+05.234	365.000	1748021.144	962623.644
105094-201000-117	MS HWY 9	294+28.186	-270.000	1748811.106	962853.128
105094-201000-118	MS HWY 9	295+00.000	275.000	1748338.833	963134.447
105094-201000-119	MS HWY 9	295+00.000	365.000	1748256.157	963170.009
105094-201000-120	MS HWY 9	295+30.666	-508.438	1749070.635	962853.053
105094-201000-121	MS HWY 9	299+45.103	-295.598	1749038.874	963317.865
105094-201000-122	MS HWY 9	300+01.250	-270.000	1749037.544	963379.557
105094-201000-123	MS HWY 9	303+00.000	275.000	1748654.942	963869.345
105094-201000-124	MS HWY 9	303+00.000	365.000	1748572.266	963904.907
105094-201000-125	MS HWY 9	306+00.000	-270.000	1749274.132	963929.582
105094-201000-126	MS HWY 9	307+00.000	-305.000	1749345.798	964007.615
105094-201000-127	MS HWY 9	310+00.000	-305.000	1749464.339	964283.202
105094-201000-128	MS HWY 9	311+00.000	275.000	1748971.051	964604.243
105094-201000-129	MS HWY 9	319+00.000	-500.000	1749999.093	965032.910
105094-201000-130	MS HWY 9	320+00.000	-400.000	1749946.744	965164.286
105094-201000-131	MS HWY 9	322+00.000	300.000	1749382.735	965624.606
105094-201000-132	MS HWY 9	322+50.000	-1050.000	1750642.633	965137.103
105094-201000-133	MS HWY 9	324+50.000	-850.000	1750537.935	965399.855
105094-201000-134	MS HWY 9	324+50.000	-650.000	1750354.211	965478.882
105094-201000-135	MS HWY 9	328+00.000	300.000	1749619.817	966175.780
105094-201000-136	MS HWY 9	330+00.000	545.000	1749473.782	966456.313
105094-201000-137	MS HWY 9	331+00.000	545.000	1749513.295	966548.175
105094-201000-138	MS HWY 9	332+00.000	395.000	1749690.602	966580.767
105094-201000-139	MS HWY 9	333+00.000	-400.000	1750460.421	966358.496
105094-201000-140	MS HWY 9	335+00.000	-465.000	1750599.159	966516.536
105094-201000-141	MS HWY 9	337+00.000	-355.000	1750577.137	966743.726
105094-201000-142	MS HWY 9	339+00.000	340.000	1750017.722	967202.070
105094-201000-143	MS HWY 9	339+00.000	395.000	1749967.198	967223.802
105094-201000-144	MS HWY 9	341+25.000	-340.000	1750731.291	967140.067
105094-201000-145	MS HWY 9	341+25.000	-225.000	1750625.649	967185.508
105094-201000-146	MS HWY 9	345+00.000	340.000	1750254.804	967753.243
105094-201000-147	MS HWY 9	346+45.983	-225.000	1750831.508	967664.095
105094-201000-148	MS HWY 9	346+45.983	240.000	1750404.349	967847.833

NOTE: COORDINATES FOR ROW MARKERS WHOSE PLAN VIEW OFFSET OR STATION VALUE ARE LISTED AS "TIE TO PROPERTY LINE", "TIE TO EXISTING ROW", ETC. SHOULD BE FIELD VERIFIED.

IF MARKERS FIELD LOCATION IS DIFFERENT THAN SHOWN IN THIS TABLE, ENTER THE CORRECT VALUES IN THE LINE BELOW THE MARKER AND THEN PLACE A LINE THROUGH INCORRECT VALUES.

3/25/2011 1:51:20:47 RWMS-2.DGN

ROADWAY PLAN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		RIGHT OF WAY MARKERS	
		PROJ. NO. STP-2833-00(004) COUNTY Pontotoc	
		PRELIMINARY NOT FOR CONSTRUCTION	
		WORKING NUMBER RWMS-2	
		SHEET NUMBER 100.209	
DATE	DESIGN TEAM	CHECKED	DATE

RIGHT OF WAY MARKERS

ROW MARKER NAME / STAMP MARKER AS:	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING
105094-201000-149	MS HWY 9	361+21.009	-225.000	1751159.852	969181.194
105094-201000-150	MS HWY 9	361+21.009	240.000	1750694.945	969190.524
105094-201000-151	MS HWY 9	365+00.000	250.000	1750692.552	969569.639
105094-201000-152	MS HWY 9	366+20.957	-240.000	1751184.880	969680.740
105094-201000-153	MS HWY 9	366+20.957	330.000	1750614.995	969692.177
105094-201000-154	MS HWY 9	367+00.000	255.000	1750692.206	969773.202
105094-201000-155	MS HWY 9	367+00.000	330.000	1750617.249	969775.741
105094-201000-156	MS HWY 9	376+00.000	-240.000	1751283.542	970612.423
105094-201000-157	MS HWY 9	377+00.000	-345.000	1751405.273	970684.607
105094-201000-158	MS HWY 9	377+75.000	255.000	1750834.962	970885.274
105094-201000-159	MS HWY 9	377+75.000	650.000	1750449.611	970972.046
105094-201000-160	MS HWY 9	380+00.000	-370.000	1751494.950	970952.345
105094-201000-161	MS HWY 9	381+00.000	-215.000	1751370.813	971085.078
105094-201000-162	MS HWY 9	381+50.000	255.000	1750933.446	971264.308
105094-201000-163	MS HWY 9	381+50.000	650.000	1750554.595	971376.097
105094-201000-164	MS HWY 9	385+25.000	-275.000	1751553.942	971453.169
105094-201000-165	MS HWY 9	385+25.000	-215.000	1751497.629	971473.877
105094-201000-166	MS HWY 9	385+50.000	-315.000	1751599.686	971461.520
105094-201000-167	MS HWY 9	386+50.000	-315.000	1751633.460	971549.780
105094-201000-168	MS HWY 9	386+75.000	-275.000	1751604.976	971586.535
105094-201000-169	MS HWY 9	386+75.000	-215.000	1751549.224	971608.710
105094-201000-170	MS HWY 9	391+00.000	-215.000	1751714.354	971982.848
105094-201000-171	MS HWY 9	391+00.000	255.000	1751291.704	972188.438
105094-201000-172	MS HWY 9	403+55.000	-185.000	1752333.514	973021.435
105094-201000-173	MS HWY 9	405+00.000	205.000	1752123.203	973380.520
105094-201000-174	MS HWY 9	411+83.569	-270.000	1752934.318	973548.891
105094-201000-175	MS HWY 9	411+83.569	-185.000	1752876.105	973610.828
105094-201000-176	MS HWY 9	411+83.569	240.000	1752585.039	973920.514
105094-201000-177	MS HWY 9	417+30.000	205.000	1753007.178	974269.240
105094-201000-178	MS HWY 9	417+30.000	355.000	1752904.449	974378.541
105094-201000-179	MS HWY 9	419+00.000	-270.000	1753456.362	974039.547
105094-201000-180	MS HWY 9	419+00.000	-195.000	1753404.997	974094.197
105094-201000-181	MS HWY 9	419+65.000	205.000	1753178.416	974430.182
105094-201000-182	MS HWY 9	419+65.000	355.000	1753075.687	974539.483
105094-201000-183	MS HWY 9	423+00.000	205.000	1753422.522	974659.611
105094-201000-184	MS HWY 9	428+00.000	-195.000	1754060.803	974710.573
105094-201000-185	MS HWY 9	430+00.000	340.000	1753840.136	975237.385

RIGHT OF WAY MARKERS

ROW MARKER NAME / STAMP MARKER AS:	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING
105094-201000-186	MS HWY 9	431+00.000	-245.000	1754313.648	974879.598
105094-201000-187	MS HWY 9	440+00.000	-245.000	1754969.453	975495.974
105094-201000-188	MS HWY 9	440+00.000	340.000	1754568.809	975922.248
105094-201000-189	MS HWY 9	442+00.000	-340.000	1755180.250	975563.722
105094-201000-190	MS HWY 9	450+00.000	340.000	1755297.482	976607.110
105094-201000-191	MS HWY 9	457+00.000	-340.000	1756273.259	976591.015
105094-201000-192	MS HWY 9	458+00.000	-280.000	1756305.034	976703.222
105094-201000-193	MS HWY 9	460+00.000	340.000	1756026.154	977291.972
105094-201000-194	MS HWY 9	462+00.000	-280.000	1756596.503	976977.167
105094-201000-195	MS HWY 9	462+00.000	-230.000	1756562.260	977013.600
105094-201000-196	MS HWY 9	469+00.000	-230.000	1757072.331	977493.004
105094-201000-197	MS HWY 9	470+00.000	-195.000	1757121.228	977586.994
105094-201000-198	MS HWY 9	470+00.000	340.000	1756754.827	977976.834
105094-201000-199	MS HWY 9	479+27.928	-195.000	1757797.384	978222.496
105094-201000-200	MS HWY 9	479+27.928	340.000	1757430.983	978612.336
105094-201000-201	MS HWY 9	486+00.003	-195.000	1758289.773	978670.660
105094-201000-202	MS HWY 9	486+27.386	-202.169	1758314.870	978683.200
105094-201000-203	MS HWY 9	489+50.000	215.000	1758285.880	979209.812
105094-201000-204	MS HWY 9	492+50.000	-330.000	1758865.478	978984.907
105094-201000-205	MS HWY 9	494+75.000	340.000	1758615.150	979645.870
105094-201000-206	MS HWY 9	496+00.000	225.000	1758785.942	979635.725
105094-201000-207	MS HWY 9	496+00.000	340.000	1758714.098	979725.521
105094-201000-208	MS HWY 9	498+81.897	-330.000	1759350.484	979374.244
105094-201000-209	MS HWY 9	498+81.897	225.000	1759009.604	979812.224
105094-201000-210	MS HWY 9	505+00.000	-300.000	1759819.836	979777.556
105094-201000-211	MS HWY 9	511+50.000	225.000	1760010.331	980591.089
105094-201000-212	MS HWY 9	511+50.000	320.000	1759951.983	980666.059
105094-201000-213	MS HWY 9	515+00.000	320.000	1760228.186	980881.028
105094-201000-214	MS HWY 9	518+00.000	-300.000	1760845.734	980576.012
105094-201000-215	MS HWY 9	518+50.000	300.000	1760516.673	981080.214
105094-201000-216	MS HWY 9	521+75.000	-335.000	1761163.163	980778.716
105094-201000-217	MS HWY 9	522+00.000	300.000	1760792.877	981295.183
105094-201000-218	MS HWY 9	522+00.000	350.000	1760762.167	981334.640
105094-201000-219	MS HWY 9	529+00.000	385.000	1761325.822	981802.834
105094-201000-220	MS HWY 9	531+50.000	200.000	1761656.962	981783.533
105094-201000-221	MS HWY 9	531+50.000	385.000	1761570.034	981946.838
105094-201000-222	MS HWY 9	535+00.000	-250.000	1762158.858	981518.831

NOTE: COORDINATES FOR ROW MARKERS WHOSE PLAN VIEW OFFSET OR STATION VALUE ARE LISTED AS "TIE TO PROPERTY LINE", "TIE TO EXISTING ROW", ETC. SHOULD BE FIELD VERIFIED.

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3/25/2011 1:54:21:33 RWMS-3.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		RIGHT OF WAY MARKERS	
		PROJ. NO. STP-2833-00(004) COUNTY Pontotoc	
		FILENAME: RWMS-3.DGN	
		DESIGN TEAM _____ CHECKED _____ DATE _____	
REVISION	BY		
		PRELIMINARY NOT FOR CONSTRUCTION	
		WORKING NUMBER RWMS-3	
		SHEET NUMBER 100.210	

RIGHT OF WAY MARKERS

ROW MARKER NAME / STAMP MARKER AS:	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING
105094-201000-297	MORPHIS RD.	34+00.000	-30.000	1749104.488	959411.998
105094-201000-298	MORPHIS RD.	34+00.000	30.000	1749105.198	959471.994
105094-201000-299	DILLARD RD.	11+01.559	-50.000	1748393.924	965060.033
105094-201000-300	DILLARD RD.	11+01.559	90.000	1748507.141	965142.385
105094-201000-301	DILLARD RD.	12+62.662	-50.000	1748553.400	964952.861
105094-201000-302	DILLARD RD.	12+62.662	90.000	1748586.879	965088.799
105094-201000-303	DILLARD RD.	13+40.000	-75.000	1748622.515	964910.092
105094-201000-304	DILLARD RD.	14+00.000	90.000	1748720.232	965055.956
105094-201000-305	DILLARD RD.	14+00.000	180.000	1748741.755	965143.345
105094-201000-306	DILLARD RD.	14+35.000	-130.000	1748701.606	964833.970
105094-201000-307	DILLARD RD.	15+40.000	-194.000	1748788.255	964746.717
105094-201000-308	DILLARD RD.	16+00.000	424.663	1748994.460	965333.081
105094-201000-309	DILLARD RD.	16+75.000	-205.000	1748916.707	964703.752
105094-201000-310	DILLARD RD.	26+00.000	-180.000	1749642.053	964358.940
105094-201000-311	DILLARD RD.	26+00.000	447.203	1750095.830	964791.918
105094-201000-312	DILLARD RD.	29+68.678	-180.000	1749896.563	964092.204
105094-201000-313	DILLARD RD.	29+68.678	300.000	1750243.840	964423.563
105094-201000-314	DILLARD RD.	32+52.943	-75.000	1750225.622	963984.257
105094-201000-315	DILLARD RD.	32+52.943	75.000	1750288.129	964120.613
105094-201000-316	DILLARD RD.	34+00.000	-30.000	1750378.054	963963.883
105094-201000-317	DILLARD RD.	34+00.000	30.000	1750403.057	964018.425
105094-201000-318	ENDVILLE RD.	47+75.000	-39.331	1752261.414	971093.253
105094-201000-319	ENDVILLE RD.	48+80.000	-55.000	1752254.780	971199.208
105094-201000-320	ENDVILLE RD.	50+00.000	-123.889	1752297.052	971330.960
105094-201000-321	ENDVILLE RD.	50+16.514	40.492	1752132.852	971312.735
105094-201000-322	ENDVILLE RD.	50+33.367	70.059	1752100.415	971323.033
105094-201000-323	ENDVILLE RD.	50+67.583	109.520	1752054.672	971348.240
105094-201000-324	ENDVILLE RD.	51+25.000	125.000	1752027.527	971401.151
105094-201000-325	ENDVILLE RD.	51+50.000	-210.000	1752349.893	971495.651
105094-201000-326	ENDVILLE RD.	54+00.000	-315.000	1752400.293	971762.081
105094-201000-327	ENDVILLE RD.	57+00.000	175.000	1751858.393	971952.983
105094-201000-328	ENDVILLE RD.	70+00.000	-230.000	1751986.506	973299.672
105094-201000-329	ENDVILLE RD.	73+77.096	-230.000	1751957.540	973637.300
105094-201000-330	ENDVILLE RD.	76+50.000	85.000	1751641.638	973909.160
105094-201000-331	ENDVILLE RD.	77+00.000	-270.000	1751996.470	973960.336
105094-201000-332	ENDVILLE RD.	77+00.000	-230.000	1751956.471	973960.203
105094-201000-333	ENDVILLE RD.	78+75.000	85.000	1751640.893	974134.159

RIGHT OF WAY MARKERS

ROW MARKER NAME / STAMP MARKER AS:	ALIGNMENT	STATION	OFFSET	NORTHING	EASTING
105094-201000-334	ENDVILLE RD.	79+50.000	160.000	1751565.645	974208.910
105094-201000-335	ENDVILLE RD.	80+00.000	-270.000	1751995.477	974260.334
105094-201000-336	ENDVILLE RD.	80+25.000	105.000	1751620.396	974284.092
105094-201000-337	ENDVILLE RD.	82+00.000	-80.000	1751804.815	974459.703
105094-201000-338	ENDVILLE RD.	83+00.000	-50.000	1751774.484	974559.604
105094-201000-339	ENDVILLE RD.	83+00.000	50.000	1751674.485	974559.272
105094-201000-340	SOUTHEAST RAMP	21+50.000	-240.000	1751568.542	973476.000
105094-201000-341	SOUTHEAST RAMP	23+55.859	-240.000	1751365.968	973439.372
105094-201000-342	SOUTHEAST RAMP	25+00.000	-240.000	1751118.759	973316.427
105094-201000-343	SOUTHEAST RAMP	25+00.000	-160.000	1751172.947	973257.573
105094-201000-344	SOUTHEAST RAMP	27+50.000	-160.000	1751043.937	972888.721
105094-201000-345	NORTHWEST RAMP	15+00.000	-125.000	1752599.851	971913.441
105094-201000-346	NORTHWEST RAMP	20+50.000	-125.000	1752739.571	972570.718
105094-201000-347	NORTHWEST RAMP	22+50.000	-110.000	1752554.106	972726.234
105094-201000-348	NORTHWEST RAMP	25+00.000	-110.000	1752352.468	972874.025
105094-201000-349	BRYANT LN.	42+30.000	-75.000	1750587.483	972620.956
105094-201000-350	BRYANT LN.	42+30.000	65.000	1750689.553	972716.778
105094-201000-351	BRYANT LN.	44+00.000	-85.000	1750713.629	972481.664
105094-201000-352	SHANDS RD.	54+00.000	-30.000	1753087.074	972828.425
105094-201000-353	SHANDS RD.	54+00.000	30.000	1753076.371	972769.387
105094-201000-354	SHANDS RD.	54+54.582	-75.000	1753041.394	972882.440
105094-201000-355	SHANDS RD.	54+54.582	75.000	1753014.636	972734.845
105094-201000-356	SHANDS RD.	58+00.000	-75.000	1752656.436	972783.148
105094-201000-357	SHANDS RD.	58+00.000	75.000	1752751.244	972666.909
105094-201000-358	COCHRAN RD.	10+00.000	-25.000	1757185.364	979315.916
105094-201000-359	COCHRAN RD.	10+00.000	25.000	1757207.329	979360.833
105094-201000-360	COCHRAN RD.	11+10.000	-100.000	1757251.234	979200.217
105094-201000-361	COCHRAN RD.	12+00.000	-130.000	1757318.906	979133.730
105094-201000-362	COCHRAN RD.	12+60.626	-100.000	1757386.547	979134.047
105094-201000-363	COCHRAN RD.	12+60.626	100.000	1757474.407	979313.716
105094-201000-364	COCHRAN RD.	17+06.684	-100.000	1757898.755	979108.770
105094-201000-365	COCHRAN RD.	17+06.684	100.000	1757829.012	979296.216
105094-201000-366	COCHRAN RD.	20+79.958	-100.000	1758248.598	979238.935
105094-201000-367	COCHRAN RD.	20+79.958	100.000	1758178.856	979426.381
105094-201000-368	COCHRAN RD.	20+79.958	285.000	1758114.344	979599.769
105094-201000-369	COCHRAN RD.	22+00.000	290.000	1758379.713	979629.971
105094-201000-370	COCHRAN RD.	27+39.999	-119.936	1758621.007	978898.806

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3/25/2011 1:51:22:24 RWMS-5.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		RIGHT OF WAY MARKERS	
		PROJ. NO. STP-2833-00(004) COUNTY Pontotoc	
		FILENAME: RWMS-5.DGN	
		DESIGN TEAM _____ CHECKED _____ DATE _____	
REVISION		PRELIMINARY NOT FOR CONSTRUCTION	WORKING NUMBER RWMS-5 SHEET NUMBER 100.212



DEPARTMENT OF THE ARMY

VICKSBURG DISTRICT, CORPS OF ENGINEERS

4155 CLAY STREET

VICKSBURG, MISSISSIPPI 39183-3435

REPLY TO
ATTENTION OF:

February 11, 2011

Operations Division

SUBJECT: Authorization Under General Permit No. 46; MDOT Project
Number STP-2833-00(004)

Mr. Blythe W. Green
Environmental Division
Mississippi Department
of Transportation
Post Office Box 1850
Jackson, Mississippi 39215-1850

Dear Mr. Green:

You are hereby authorized under the provisions of General Permit No. 46 to discharge dredged and/or fill material into waters of the United States associated with the construction increasing lane capacity to 4 lanes and associated attendant features along U.S. Highway 9, in Pontotoc County, Mississippi. Please note, the time limit for completing the work authorized by this General Permit expires 3 years from the date of this letter.

The site location and the construction details are shown on the enclosed map and drawings (enclosure 1). A copy of the General Permit is enclosed for your information (enclosure 2). It is your responsibility to read and become familiar with the Special and General Conditions of the General Permit in order for you to ensure that the activity authorized herein complies with these conditions.

Upon completion of construction of the activity authorized by this permit, please fill out the enclosed Certification of Compliance (enclosure 3) and return it to our office.

The Vicksburg District Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please take a moment to complete the Customer Service Survey found on our web site at <http://per2.nwp.usace.army.mil/survey.html>. If it is more convenient for you, please complete and return the enclosed postage-paid post card (enclosure 4).

This authorization was based upon a preliminary determination that there appear to be jurisdictional areas on the property subject to regulation pursuant to Section 404 of the Clean Water Act. An appeals form has been enclosed for your review (enclosure 5).

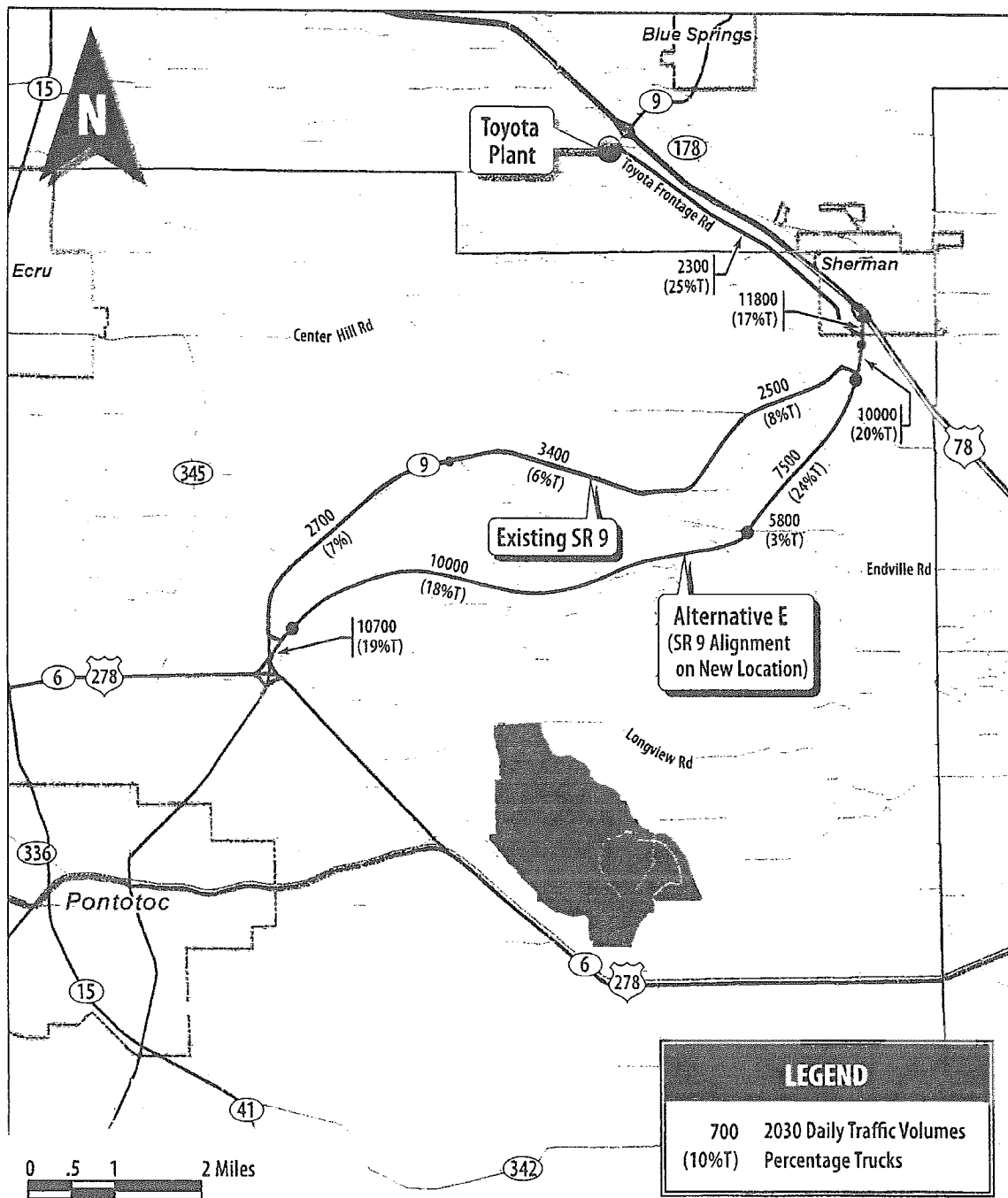
Thank you for advising us of your plans. If you change your plans for the proposed work or if the proposed work does not comply with the conditions of the General Permit, please contact Mr. Anthony Lobred, telephone (601) 631-5470, fax (601) 631-5459, or e-mail address: regulatory@usace.army.mil. In any future correspondence concerning this project, please refer to identification no. SAM-2008-864.

Sincerely,

A handwritten signature in cursive script that reads "David Lofton".

David Lofton
Chief, Permit Section
Regulatory Branch

Enclosures



2030 Daily Traffic Volumes: Alternative E (New Location w/ south terminus at exist. interchange)



**US Army Corps
of Engineers**

Vicksburg District

4155 Clay Street

Vicksburg, MS 39183-3435

www.mvk.usace.army.mil

General Permit

FILE NO.: General Permit 46
DATE: November 3, 2009
EXPIRES: November 3, 2014

FOR: CONSTRUCTION AND STABILIZATION OF ROADWAY EMBANKMENTS
AND BRIDGE ABUTMENTS IN WATERS OF THE UNITED STATES AND
FOR THE ASSOCIATED DISCHARGE OF DREDGED AND/OR FILL
MATERIAL

WHERE: THE STATE OF MISSISSIPPI

BY WHOM: DISTRICT ENGINEER, ON BEHALF OF THE MISSISSIPPI
DEPARTMENT OF TRANSPORTATION

The Vicksburg District is hereby reissuing a Department of the Army General Permit for the construction of roadway embankments and bridge abutments in waters of the United States performed by or having oversight from the Mississippi Department of Transportation (MDOT).

This General Permit includes activities such as the repair and stabilization of existing roadway embankments and bridge abutments in waters of the United States, the installation of additional traffic lanes to existing roadways, and the upgrading of bridges and other stream-crossing facilities. Construction along a new alignment is included where impacts to wetlands and other waters of the United States would be minimal.

This action is being taken pursuant to Federal regulations printed in the Federal Register on November 13, 1986, concerning permits for activities in waters of the United States. These regulations state the U.S. Army Corps of Engineers' responsibility for regulating structures or work in or affecting waters of the United States under Section 10 of the Rivers and Harbors Act of 1899 (30 Stat. 1151; 33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

An agreement was finalized between MDOT, FHWA, and the Vicksburg District, with the concurrence from the appropriate Districts, on December 12, 2008. While this agreement is in effect, all MDOT projects within the State will be evaluated by the Vicksburg

(6112)

District. The address is USACE, Vicksburg District, Attention: Regulatory Branch, 4155 Clay Street, Vicksburg, Mississippi 39183-3435.

Upon expiration of the agreement, since portions of the State are within jurisdictional boundaries of five United States Army Corps of Engineers Districts (enclosure 1), subsequent authorizations to proceed with work proposed under this General Permit would be granted by letter from the appropriate District within whose boundaries the work will be located. The MDOT will be notified of any changes to the agreement and furnished the mailing address of each district.

This General Permit contains certain limitations intended to protect the environment and natural and cultural resources. Conformance with conditions contained in the General Permit does not necessarily guarantee authorization under this General Permit.

In cases where the District Engineer considers it necessary, application will be required for individual permits. Construction, dredging, or fill operations not specifically covered by this General Permit are prohibited unless authorized by a separate permit.

General Permits may be issued for a category or categories of activities when: (1) those activities are substantially similar in nature and cause only minimal individual and cumulative environmental impacts; or (2) the General Permit would result in avoiding unnecessary duplication of the regulatory control exercised by another Federal, state, or local agency, provided it has been determined that the environmental consequences of the actions are individually and cumulatively minimal. The determination that the proposed activities comply with the requirements for issuance of General Permits was made using information that is available for inspection at the offices of the Vicksburg District's Regulatory Branch at 4155 Clay Street, Room 233, Vicksburg, Mississippi.

In compliance with requirements of Section 401 of the Clean Water Act, the Vicksburg District has obtained water quality certification from the Mississippi Department of Environmental Quality (enclosure 2).

The Council on Environmental Quality (CEQ) has defined mitigation to include: avoiding impacts, minimizing impacts, rectifying impacts, reducing impacts over time, and compensating for impacts. Early in the design phase of projects to be authorized under this General Permit, avoidance and minimization of impacts to wetlands and other waters of the U.S. must be considered and the least environmentally damaging practicable alternative must be selected. The remaining impacts must be compensated for to the maximum extent practicable.

In order to compensate for any unavoidable loss of wetland functions and values associated with the work authorized by the General Permit, MDOT will develop a compensatory mitigation plan. The compensatory mitigation plan shall be fully described in accordance with 33 CFR Parts 325 and 332, Compensatory Mitigation for Losses of Aquatic Resources; Final Rule, April 2008.

Authorization to conduct work under this General Permit will not negate the responsibility of the applicant to obtain other State or local authorizations or permits required by law for the proposed activity.

REQUEST FOR AUTHORIZATION UNDER THE GENERAL PERMIT: IN ORDER TO BE AUTHORIZED BY THIS GENERAL PERMIT, MDOT IS REQUIRED TO SUBMIT TO THE DISTRICT ENGINEER, IN WRITING, THE FOLLOWING INFORMATION, AT LEAST 30 DAYS PRIOR TO CONDUCTING THE WORK:

- a. State the number of the General Permit under which the work is to be conducted. (General Permit 46)
- b. Statement that the work will be conducted in compliance with the terms and conditions of the General Permit and will not adversely impact adjoining properties.
- c. Location map showing the proposed worksite(s) (including section, township, range, and county).
- d. A brief description of the proposed worksite in its present condition, and the estimated starting and completion dates of construction.
- e. A brief description and 8 1/2- by 11-inch drawings of the proposed work, including the method of construction or stabilization, the project dimensions, and amounts and types of excavated and fill material in cubic yards.
- f. A Table of Impacts to include the following for each jurisdictional area impacted: Site No.; Station ID; Township/Section/Range; County; Geographical Coordinates (Lat/Long and/or Universal Transverse Mercator (UTM) with specified datum (NAD27, NAD83, or WGS84), Area of Impact (acres/hectares); Type of Jurisdictional Area Impacted (e.g. forested wetland, emergent wetland, scrub/shrub wetland, depressional wetland, perennial stream, intermittent stream, ephemeral stream, etc.); Type of Impact (e.g. permanent fill, temporary fill, mechanized clearing, etc.); Mitigation Source.
- g. Name, mailing address, and telephone number of person acting as the point of contact for the requested authorization.
- h. If wetlands are to be impacted, the following information is required:

1. A map delineating the wetlands and copies of the associated data form(s) for routine wetland determinations from the 1987 Corps of Engineers Wetland Delineation Manual and associated Regional Supplements.

2. The type and date of approval of the environmental documentation by the Federal Highway Administration and a copy of their findings, as required by Executive Order 11990.

i. If the combined acreage of wetlands at a single and complete project site exceeds 1.0 acre, the application shall include a recommendation for compensatory mitigation based on a functional assessment methodology in effect for the location, which takes into account the habitat quality, and quantity of the impacted area and the proposed mitigation area. Such recommendations shall include copies of all factual information (e.g. worksheets) used in performing the calculations of the functional assessment. (Note: The District Engineer will consider this recommendation in making the final decision on compensatory mitigation measures).

j. If impacts to a perennial stream at a single and complete project site exceed 100 linear feet, MDOT shall provide all information requested by the District Engineer to determine mitigation requirements for the unavoidable loss of functions and values. (Note: MDOT is actively seeking stream mitigation banking credits in several areas of the State, and through other measures, and will offset perennial stream impacts authorized under this reissued general permit as measures are approved and as deemed necessary by the District Engineer).

k. Comments on the project, as submitted in the application package, from the Mississippi Department of Wildlife, Fisheries and Parks; the Mississippi Department of Archives and History; the Mississippi Department of Environmental Quality; and the United States Fish and Wildlife Service.

l. Concurrence, in writing, from the Mississippi Department of Marine Resources and the National Marine Fisheries Service, if the project is located in Hancock, Harrison, or Jackson County, Mississippi. (NOTE: National Marine Fisheries Service = NOAA Fisheries: Habitat Conservation Division. See "Special Condition. h." for addresses.)

Upon receipt of this information, the District Engineer will evaluate the proposal and advise either that the work is authorized under the General Permit; will request additional information, if needed; or will advise that the proposed activity will require an individual permit. Included with the letter authorizing work under the General Permit will be the number of wetland acres, if any, which must be deducted from the MDOT mitigation bank or other approved mitigation bank, or other mitigation measures (e.g. mitigation measures to offset loss functions and values of perennial streams) deemed appropriate by the District Engineer.

Special Conditions:

a. No more than 7 acres of wetlands and other waters of the United States shall be directly impacted by the placement of fill at each single and complete crossing of a water of the United States where the proposed work involves either upgrading an existing highway within an established corridor, or where the work is to be constructed along a new alignment. Any wetlands or other waters of the United States cut off from their natural hydrologic regime as a result of project work shall be considered as directly impacted. Compensatory mitigation requirements for unavoidable wetland impacts that exceed 1.0 acre at a single and complete project site shall be determined by a functional assessment method that takes into account the quality and the quantity of the impacted wetland site.

b. For stream or river crossings, discharges of permanent fill material and temporary fill material shall be the minimum necessary to complete the crossing. The term fill refers to earthen material, riprap, concrete, and any other materials associated with the work.

c. The stabilization or construction work shall not interfere with navigation (including recreational boating) or adversely impact the flow-carrying capacity of the affected stream.

d. Material to be used for fill must be nonpolluting and may be obtained either offsite or from site preparation. Offsite material shall not be obtained from wetlands outside the 7-acre limit or from other areas that may adversely affect adjacent wetlands. Any excess material shall be placed in an upland area and properly contained or stabilized to prevent entry into adjacent water bodies or wetlands.

e. Disturbed areas on the site that have the potential to impact waters of the United States shall be stabilized to minimize erosion and reduce siltation. Stabilization of soil and removal of sediment that may enter storm water shall be accomplished by the use of appropriate vegetative and structural sediment and erosion control practices. The controls must be in accordance with MS Department of Transportation's Storm Water Pollution Prevention Plan (SWPPP), as approved by MS Department of Environmental Quality. If construction scheduling at a disturbed area results in a cessation of additional construction activities for thirty or more days, appropriate temporary or permanent sediment and erosion control measures shall be implemented within seven calendar days of the cessation of construction activities. Implementation of sediment and erosion control measures shall include sufficient monitoring to evaluate success of the measures.

If initial control measures are not successful, further control measures shall be implemented until sediment and erosion control is achieved at the site (or until construction activities are continued).

f. No activity that may adversely impact a site listed in or eligible for listing in the National Register of Historic Places shall be allowed by this General Permit. Additional material shall not be taken from a known historical or archaeological site, such as an Indian Mound. If the permittee, during prosecution of work authorized herein, encounters a previously unidentified archaeological or other cultural resource within the area subject to Department of the Army jurisdiction, he shall immediately notify the District Engineer. The District Engineer, in consultation with the appropriate State Historic Preservation Officer and the Tribal Archaeologists, will comply with 33 CFR 325, Appendix C, paragraph 11 (Historic Properties Discovered During Construction).

g. The work shall not occur in a National Wildlife Refuge, State Game Management Area, or other such Federal or State lands, or lands leased to those entities, without the appropriate Federal or State authorization in writing.

h. For work within the Mississippi Coastal Zone Management Area, including all areas below Interstate I-10, a set of complete plans shall be sent to the two agencies listed below for review and/or approval, as appropriate. Comments and concurrence resulting from this coordination shall be submitted with the request for authorization under this General Permit.

1. The Mississippi Department of Marine Resources
1141 Bayview Avenue
Suite 101
Biloxi, Mississippi 39530
2. National Marine Fisheries Service
Habitat Conservation Division
Attention: Mr. Mark Thompson
3500 Delwood Beach Road
Panama City, Florida 32408-7403

i. All temporary fills must consist of non-erodible material or be protected to prevent erosion.

j. Any materials used for temporary structures such as cofferdams, equipment pads, or temporary crossings, shall be removed as soon as practicable, and the waterway shall be restored to preconstruction contours.

k. Disturbance to riparian vegetation shall be kept to a minimum during construction. Erosion and sediment controls should limit the exposure of disturbed areas to the shortest amount of time as possible and minimize the amount of surface area disturbed. Vegetative practices shall be designed to preserve existing vegetation where possible and revegetate disturbed areas as soon as practicable after grading or construction.

l. The discharge shall not destroy or adversely affect threatened or endangered species or their critical habitat, as identified in the Endangered Species Act.

m. Discharges shall not restrict or impede the movement of aquatic species indigenous to the waters.

n. All work shall be performed in a manner that will minimize increased turbidity of the water in the project area and otherwise avoid adverse effects on water quality and aquatic life, especially during fish spawning season. This may require avoiding construction activities during the peak spawning months of April, May, and June.

o. The discharge shall not adversely affect a public water supply intake, or a National or State Fish Hatchery intake.

p. The discharge shall not contain unacceptable levels of pathogenic organisms (as prescribed in standards set by the Mississippi Department of Environmental Quality) in areas used for water-contact sports.

q. The construction activity shall not result in the permanent diversion or relocation of a stream or a river channel, except where needed to align a waterway crossing to avoid potential damage to the roadway. In no case shall any realignment extend beyond 150 feet upstream and 150 feet downstream from the centerline of a crossing structure. The construction activity shall result in neither streamflow impediment nor drain adjacent wetlands.

r. Authorizations under this General Permit shall be valid for 5 years from the date of the authorizing letter.

s. Current standards and practices shall be used to determine what type of drainage structure is required at a particular stream crossing (box culvert, bridge, etc.).

t. To minimize potential adverse impacts on wetlands or other waters of the United States within the right-of-way or associated with the project, the Mississippi Department of Transportation shall incorporate into each project's design all practicable measures to:

1. Minimize impact on hydrology in wetland areas or other waters of the United States.

2. Minimize potential for toxic spills and leaching into wetland areas or other waters of the United States.

3. Minimize discharge of materials, such as silt, into wetlands or other waters of the United States.

4. Maintain adequate flow through wetlands or other waters of the United States by providing culverts, ditches, and other hydrologic structures.

5. Provide berms, traps, or ditches to direct potential toxic spills away from wetlands or other waters of the United States.

6. Provide for animal migration to and from wetland areas and along stream corridors that would otherwise be impacted by the project.

7. Provide erosion and sediment control features throughout the construction phase of a project that would minimize both short- and long-term impacts to water quality.

8. Provide treatment facilities that may be required to treat highway runoff, which would otherwise adversely affect wetlands or other waters of the United States.

9. Provide contractual provisions for stopwork orders, project staging, and other specifications pertaining to minimizing impacts on wetlands or other waters of the United States, and to onsite monitoring.

General Conditions:

a. MDOT must allow representatives from the appropriate Corps' office to inspect the authorized activity to ensure that it is being, or has been, accomplished in accordance with the terms and conditions of the permit.

b. This permit does not obviate the need to obtain other Federal, State or local authorizations required by law.

c. This permit does not grant any property rights or exclusive privileges.

d. This permit does not authorize any injury to the property or rights of others.

e. This permit does not authorize interference with any existing or proposed Federal project.

f. In issuing this permit, the Federal Government does not assume any liability for the following:

(1) Damages to the permitted project, or uses thereof, as a result of other permitted or unpermitted activities, or from natural causes.

(2) Damages to the permitted project, or uses thereof, as a result of current or future activities undertaken by, or on behalf of, the United States in the public interest.

(3) Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

(4) Design or construction deficiencies associated with the permitted work.

(5) Damage claims associated with any future modification, suspension, or revocation of this permit.

g. In issuing individual authorization under this General Permit, the Government will rely on the information and data, which the permittee provides in connection with his permit application. If, subsequent to the authorization, such information and data prove to be false, incomplete, or inaccurate, this authorization may be modified, suspended, or revoked, in whole or in part, and/or the Government may, in addition, institute appropriate legal proceedings.

h. The United States Army Corps of Engineers may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

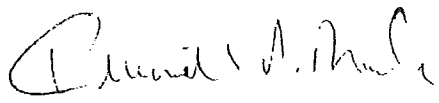
1. Failure to comply with the terms and conditions of this permit.

2. The information provided in support of a request for authorization proves to have been false, incomplete, or inaccurate (see g., above).

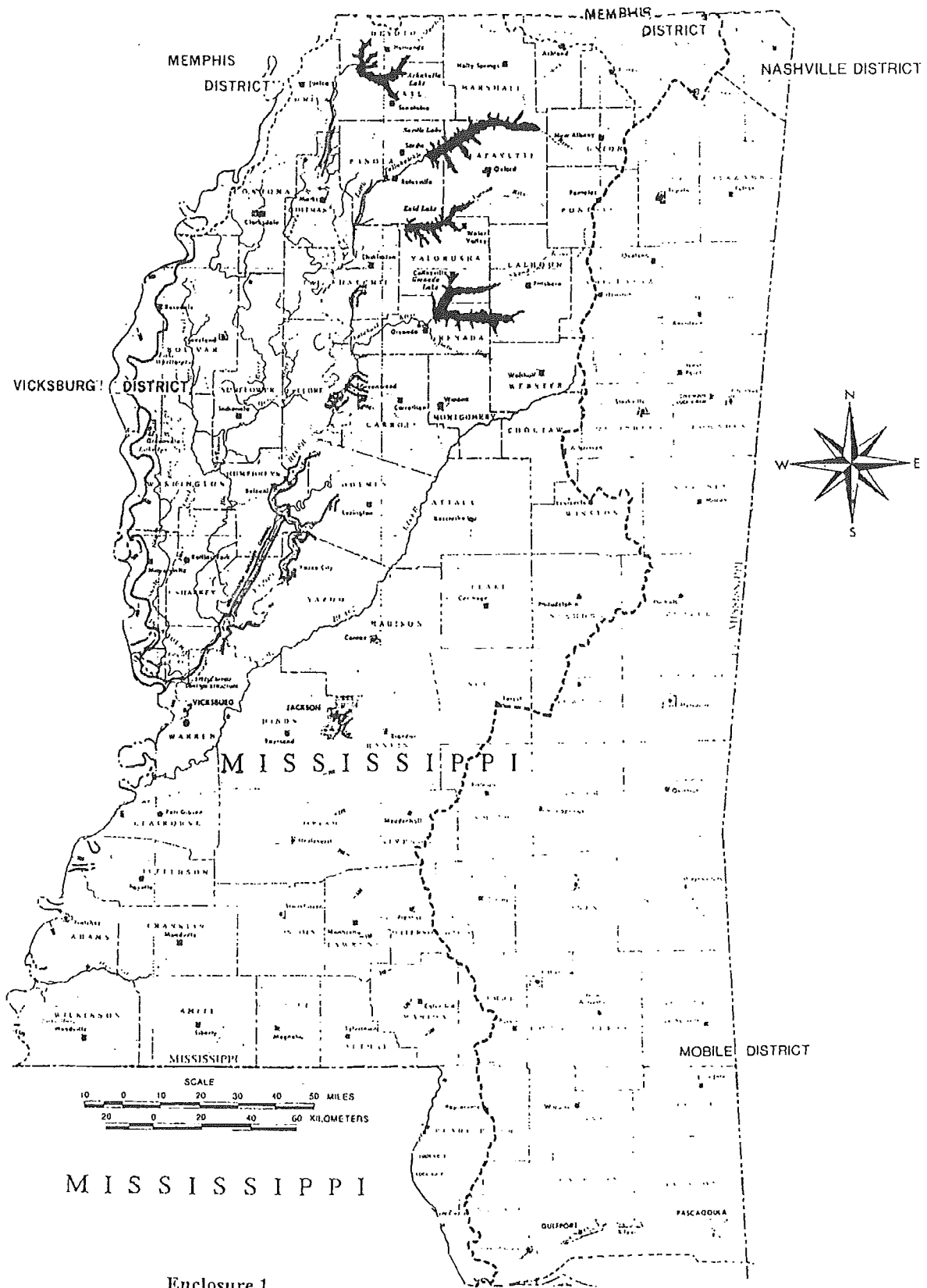
3. Significant new information surfaces which was not considered in reaching the original public interest decision.

i. This General Permit is valid for 5 years. At the end of that time, the cumulative environmental effects of completed work will be reviewed and reissuance of the permit may be considered. However, if unforeseen adverse environmental effects result from the issuance of this General Permit, it may be modified or terminated at any time.

Additional copies of this notice are available upon request from this office. Requests may be addressed to the USAED, Attention: CEMVK-OD-FP, 4155 Clay Street, Vicksburg, Mississippi 39183-3435.


MICHAEL F. MCNAIR, R.F.
Chief, Regulatory Branch

Enclosures



Enclosure 1



STATE OF MISSISSIPPI
HALEY BARBOUR
GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
TRUDY D. FISHER, EXECUTIVE DIRECTOR

May 14, 2009

Certified Mail No. 7004 1350 0001 1490 9071

Mr. David Lofton
U.S. Army Corps of Engineers, Vicksburg District
4155 Clay Street
Vicksburg, Mississippi 39183-3435

Dear Mr. Lofton:

Re: US Army COE, Vicksburg
District, General Permit 46
Warren County
COE No. General Permit 46
WQC No. WQC2009010

Pursuant to Section 401 of the Federal Water Pollution Control Act (33 U. S. C. 1251, 1341), the Office of Pollution Control (OPC) issues this Certification, after public notice and opportunity for public hearing, to U.S. Army Corps of Engineers, Vicksburg District, an applicant for a Federal License or permit to conduct the following activity:

US Army COE, Vicksburg District, General Permit 46: Reissuance of a statewide General Permit (GP-46) for construction of roadway embankments and bridge abutments in waters of the United States. This General Permit includes activities such as the repair and stabilization of existing roadway embankments and bridge abutments, the installation of additional traffic lanes to existing roadways, the upgrading of bridges and other stream-crossing facilities. Construction along new alignment would be included where impacts to wetlands would be minimal. This General Permit would be authorized for use by the Mississippi Department of Transportation. This General Permit would be for use within the boundaries of the State of Mississippi [General Permit-46, WQC2009010].

The Office of Pollution Control certifies that the above-described activity will be in compliance with the applicable provisions of Sections 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act and Section 49-17-29 of the Mississippi Code of 1972, if the applicant complies with the following conditions:

48690 WQC20090001

OFFICE OF POLLUTION CONTROL

POST OFFICE BOX 2261 • JACKSON, MISSISSIPPI 39225-2261 • TEL: (601) 961-5171 • FAX: (601) 354-6612 • www.deq.state.ms.us

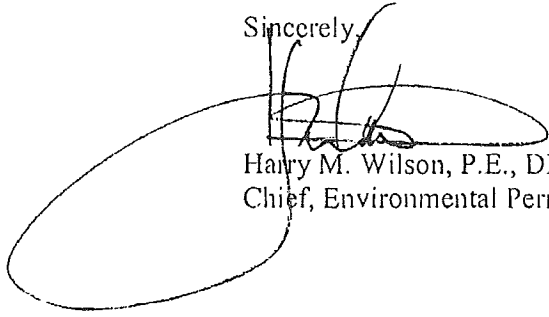
AN EQUAL OPPORTUNITY EMPLOYER

1. The Mississippi Department of Environmental Quality shall require a minimum 30-day commenting period for new alignment work that impacts more than three acres of wetlands.
2. Prior to the start of construction activities, coverage under a Stormwater Construction General NPDES Permit shall be obtained. No construction activities shall begin until such approvals are obtained.
3. Extreme care shall be taken to prevent the permanent restriction or impedance of water flow. Pre-construction hydrology shall be maintained.
4. Storm water discharges shall be free from suspended solids, turbidity, and color al levels inconsistent with the receiving waters.
5. No sewage, oil, refuse or other pollutants shall be discharged into the watercourse.
6. The turbidity outside the limits of a 750-foot mixing zone shall not exceed the ambient turbidity by more than 50 Nephelometric Turbidity Units.

The Office of Pollution Control also certifies that there are no limitations under Section 302 nor standards under Sections 306 and 307 of the Federal Water Pollution Control Act which are applicable to the applicant's above-described activity.

This certification is valid for the project as proposed. Any deviations without proper modifications and/or approvals may result in a violation of the 401 Water Quality Certification. If we can be of further assistance, please contact us.

Sincerely,



Harry M. Wilson, P.E., DEE
Chief, Environmental Permits Division

HMW: tgt

cc: Mr. Anthony Lobred, U.S. Army Corps of Engineers, Vicksburg District
Mr. David Felder, U.S. Fish and Wildlife Service
Ms. Willa Brantley, Mississippi Department of Marine Resources
Mr. Duncan Powell, Environmental Protection Agency
Ms. Janet Riddell, Office of Budget & Fund Management

Certification of Compliance
With Department of the Army Permit

Nationwide Permit Number: GP 46
Identification Number: SAM-2008-864
Name of Permittee: MDOT
Issued Date: February 11, 2011
Evaluator name: Mr. Anthony Lobred
Expiration Date: February 11, 2014

Upon completion of the activity authorized by this permit, sign this certification and return it to the following address:

USACE, Vicksburg District
ATTN: Regulatory Branch
4155 Clay Street
Vicksburg, Mississippi 39183-3435

Please note that your permitted activity is subject to a compliance inspection by an Army Corps of Engineers representative. If you fail to comply with this permit, you are subject to permit modification, suspension, or revocation.

I hereby certify that the work authorized by the above-referenced permit has been completed in accordance with the terms and conditions of the said permit including any required mitigation.

Date work was completed: _____

Signature of Permittee

Date Signed

(ENCL 3)

**NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND
REQUEST FOR APPEAL**

Applicant: MDOT		File Number: SAM-2008-864	Date: February 11, 2011
Attached is:		See Section below	
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A	
	PROFFERED PERMIT (Standard Permit or Letter of permission)	B	
	PERMIT DENIAL	C	
	APPROVED JURISDICTIONAL DETERMINATION	D	
x	PRELIMINARY JURISDICTIONAL DETERMINATION	E	

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at http://www.usace.army.mil/cecw/pages/reg_materials.aspx or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

(ENCLOSURE)

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Anthony R. Lobred
U.S. Army Corps of Engineers
Regulatory Branch
4155 Clay Street
Vicksburg, MS 39183-3435
(601) 631 5470

If you only have questions regarding the appeal process you may also contact: James B. Wiseman, Jr.

Administrative Appeals Review Officer
USACE - Mississippi Valley Division
P.O. Box 80
Vicksburg, MS 39181-0080
(601) 634-5820

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number: