

Department of Engineering
Tim Bryan, P.E., County Engineer

3137 South Liberty Street, Canton, MS 39046
Office (601) 790-2525 FAX (601) 859-3430

MEMORANDUM

April 15, 2021

To: Sheila Jones, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
Karl Banks, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Tim Bryan, P.E., PTOE
County Engineer

Re: Approval of Permit
King Ranch Road Improvements

The Engineering Department is requesting the Board approve the submittal of the attached permit to locate a perform work on MDOT right-of-way at the intersection of King Ranch Rd and Hwy 22 and authorize the Board Present to sign the document.

SHEILA JONES
District One

TREY BAXTER
District Two

GERALD STEEN
District Three

KARL BANKS
District Four

PAUL GRIFFIN
District Five

Applicant Contact Name: _____

Applicant Contact Phone #: _____

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
APPLICATION FOR PERMIT TO LOCATE CERTAIN FACILITIES
ON OR TO PERFORM CERTAIN WORK ON STATE
HIGHWAY RIGHT OF WAY**

(Please Print) Name: _____ Address: _____
Company (or) Individual Street/Route

City County State Zip Code

herein called the applicant, who does hereby make application to the Mississippi Department of Transportation, the duly authorized agent for the Mississippi Transportation Commission, for permission to _____

_____ on or across

Highway No. _____ between _____ and _____

Latitude (decimal degrees) _____ Longitude (decimal degrees) _____

in _____ County, Mississippi and in consideration of this permit being granted, said applicant does hereby agree to perform the above work in accordance with the plan shown herein below and does further agree, with full understanding of the terms thereof, to the following provisions:

- (a) That the Mississippi Department of Transportation does not purport to grant to said applicant any right, title, claim or easement in or upon said highway or right-of-way appurtenant thereto.
- (b) The plan of the proposed work or facility set out below or attached hereto is incorporated herein by reference and made a part of this application as if fully described herein by words and figures.
- (c) It is agreed that this permit is void if all work shown on this plan is not completed in accordance with this plan within one year after date of approval.
- (d) It is agreed that no trees or shrubs on the highway right-of-way will be cut, trimmed, or damaged during the process of the proposed work or maintenance of this work or facility except as shown on the plan.
- (e) All sod disturbed by the proposed work shall be neatly dressed and grassed in accordance with the vegetation schedule outlined elsewhere in this permit. The applicant shall maintain the dressed and grassed area for a sufficient length of time to insure a growing sod.
- (f) The applicant is responsible for any conflicts with other utilities on the highway right-of-way and is to secure permission from said utilities for any necessary alterations.
- (g) The Mississippi Department of Transportation may at any time require and compel the removal or relocation of any facility herein described, shown or referred to, when said Mississippi Department of Transportation deems it necessary. All expense of said removal or relocation is to be borne exclusively by the applicant, and the Mississippi Department of Transportation is to be in no way liable.
- (h) The applicant accepts the responsibility of the safety of the traveling public and his/her workers and agrees to furnish, place and maintain traffic control devices, if required, in accordance with Part 6 of the Manual On Uniform Traffic Control Devices For Streets and Highways (MUTCD), Current Edition as a minimum. The applicant shall attach a special traffic control plan to the application if special traffic control details are required.
- (i) All work associated with this permit shall be designed, detailed and constructed in accordance with the Department's Roadway and Bridge Design Manuals and Standard Drawings and the Mississippi Standard Specifications for Road and Bridge Construction.
- (j) The Mississippi Department of Transportation in granting this permit does not in any way assume the maintenance or upkeep of the facility or proposed improvement herein described. Nor, will the Mississippi Department of Transportation be held responsible for any damage, which may be inadvertently done to this facility or proposed improvement regardless of the source or cause of such damage.
- (k) A copy of the approved plan is to be kept at the site of the work at all times while work is in progress.
- (l.) Said applicant hereby expressly agrees for himself, his heirs, assigns and legal representatives, that upon request of said Mississippi Department of Transportation, he will without delay either reconstruct, remove or move the facility herein described to another location, all in accordance with the terms of the request so made by the said Mississippi Department of Transportation. It is distinctly understood that said new location will be made or designated by said Mississippi Department of Transportation after agreement with said applicant or its successors, if possible. It is further understood and agreed that, if this permit is granted and acted upon by the said applicant, the said Mississippi Department of Transportation will use all reasonable effort to avoid the necessity of requesting that the herein mentioned facility be removed, moved, altered, or reconstructed.

(m.) The applicant does hereby covenant and agree to indemnify and hold harmless the Mississippi Transportation Commission and the Mississippi Department of Transportation from and against any claims, actions, suits, causes or demands, including court costs and reasonable attorney's fees, proximately resulting from acts or omissions of the applicant, or applicant's servants, agents or employees in the construction and maintenance of all facilities outlined under this permit.

Witness my signature this _____ day of _____ 20_____, which is applicable to sheets 1 through _____ of permit number _____.

Signature of Applicant

By: _____
Printed Name and Title

STATE OF MISSISSIPPI
COUNTY OF _____

Personally appeared before me, the undersigned authority, _____ whose
Printed Name of Applicant

names(s) _____ subscribed to this instrument as the _____ of
is/are _____ Title of Applicant

_____ who having been first fully sworn acknowledged that they
Name of Company (or) Individual

executed the above agreement as the act and deed of the said applicant for the purpose and consideration and in the capacity therein expressed and on the date above written.

Given under my hand and seal of office this the _____ day of _____ 20____

My Commission Expires: _____
Signature of Notary Officer

Field Inspection By: _____ 20____

Approved: MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Deputy Executive Director/Chief Engineer

By: _____ 20____

Installation Inspection By: _____ 20____

Mississippi Department of Transportation
Completion of Work Certification

This permit requires that the named applicant submit the following certification with signature(s) and insure proper filing with MDOT's District Permit Department before the permit is closed and all associated bonds are released:

Permit Representative's signature(s) acknowledges the following:

We/(I), certify that the requirements of this permit have been constructed as stated in the approved final permit. Furthermore, no work performed as an exercise of the approved permit, has been relocated or altered without such change being shown on an approved revision of the permit or approved addenda thereto.

Printed Name of Applicant

Signature of Applicant

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Supplement to:
MND-001
MND-002
MND-004

MND-005
Rev. 2-93

REVISIONS		MDOT	
APPLICANT	DATE	BY	DATE

Sheet No.: _____ of _____

Permit No.: _____

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

BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGE REQ'D
NONE

LENGTH DATA

LENGTH OF ROADWAY	368.01 FT.	0.070 MI.
LENGTH OF BRIDGES	0.00 FT.	0.000 MI.
LENGTH OF PROJECT (NET)	368.01 FT.	0.070 MI.
LENGTH OF EXCEPTIONS		0.000 MI.
LENGTH OF PROJECT (GROSS)	368.01 FT.	0.070 MI.

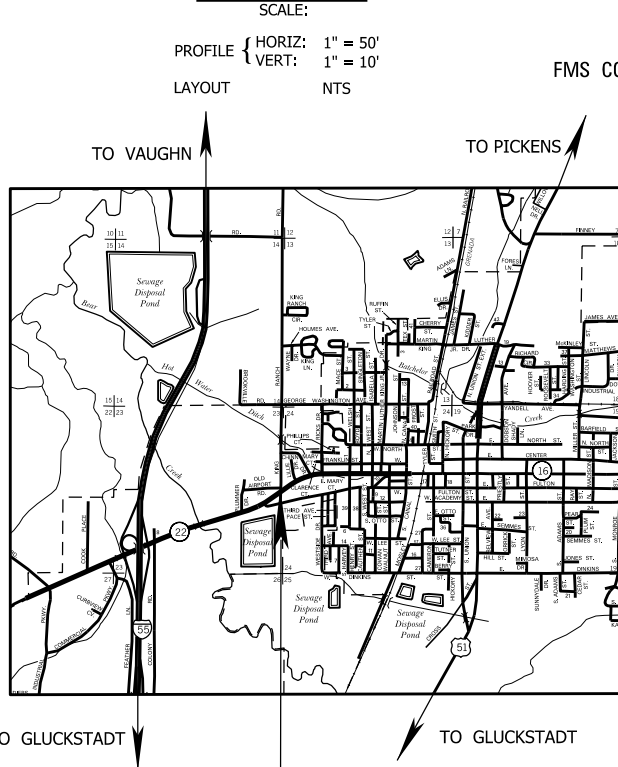
EXCEPTIONS
NONE

EQUATIONS
NONE

MADISON COUNTY BOARD OF SUPERVISORS

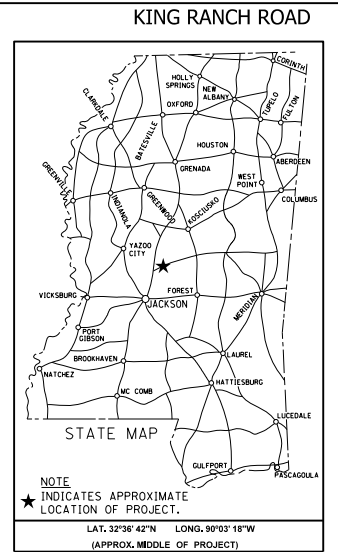
PLAN AND PROFILE OF PROPOSED KING RANCH ROAD

STATE PROJECT NO. STP-0024-00(055)LPA



PROJECT LOCATION
BEGINNING OF PROJECT STA. 10+00.00
END OF PROJECT STA. 13+68.01

PLANS STAGE	DATE PRINTED
<input type="checkbox"/> CONCEPTUAL	
<input type="checkbox"/> PRE-R.O.W.	
<input type="checkbox"/> FIELD INSPECTION	
<input type="checkbox"/> R.O.W. PLANS TO SMD	
<input type="checkbox"/> FINAL R.O.W.	
<input type="checkbox"/> R.O.W. REVISION	
<input checked="" type="checkbox"/> OFFICE REVIEW	01-20-2021



DESIGN CONTROL-URBAN ARTERIAL
30 MPH = V (SPEED DESIGN)

ADT (2019) = 5,800 ; ADT (2029) = 5,800
DHV = ____ ; D = ____ % T = ____ %

PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS		
	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
STORMWATER PERMIT <input checked="" type="checkbox"/>		
Y	REQUIRED, CLAIM SUBMITTED BY ANDOT (DISTURBED AREA ≥ 5 ACRES)	
S	REQUIRED, CLAIM TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY: _____		

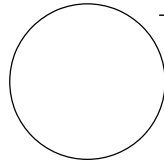
BOARD OF SUPERVISORS

SHEILA JONES DISTRICT 1
TREY BAXTER DISTRICT 2
GERALD STEEN DISTRICT 3
KARL BANKS DISTRICT 4
PAUL GRIFFIN DISTRICT 5

PREPARED BY:
BRAD ENGELS, P.E. 17084 DATE _____



Supplement to:
MND-001
MND-002
MND-004



REVISIONS		MDOT
APPLICANT	DATE	BY

Sheet No.: _____ of _____

Permit No.: _____

4/14/2021 15:24:22 GN-1.dgn

P.W. DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

- THE LOCATION AND SPACING OF SIGNS SHOWN ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
- ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC , THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE COST OF WHICH WILL BE ABSORBED IN OTHER ITEMS BID.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
- WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION, OR ANY STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
- LIST OF PUBLIC UTILITIES
 - TELEPAK DBA C SPIRE FIBER, 855-277-4735
 - INLINE 1, 601-956-8909
 - A T & T DISTRIBUTION, 601-605-8381
 - CANTON MUNICIPAL UTILITIES, 601-859-2921

FMS CON: 108165/701000

STATE	PROJECT NO.
MISS.	STP-0024-00(055)LPA

GENERAL NOTES (CONT.)

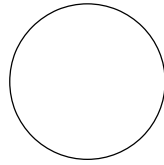
- FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE COUNTY.
- THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- CONTRACTOR TO FIELD VERIFY RADAR SITE LOCATION, ORIENTATION, AND INSTALLATION HEIGHT TO ENSURE DETECTION ZONES IN THE PRESENCE OF MDOT SIGNAL ENGINEER. ALIGNMENT OF DETECTORS SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.
- WHERE MILLING IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U. S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION. ANY ADDITIONAL SILT BASINS NOT SHOWN IN THE PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.
- THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS. AND SHALL BE COST ABSORBED IN PAY ITEM NO. 618-A001, MAINTENANCE OF TRAFFIC.
- IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USERS OF THESE DRAWINGS. ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED, IT IS THE END USER'S RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY REGARDLESS OF COLOR.

DATE	BY	MADISON COUNTY BOARD OF SUPERVISORS
		GENERAL NOTES
		KING RANCH ROAD
		PROJ. NO.: STP-0024-00(055)LPA
		COUNTY: MADISON
		FILENAME: GN-1.dgn
DESIGN TEAM	STANTEC	CHECKED
		DATE

PRELIMINARY
NOT FOR
CONSTRUCTION

WORKING NUMBER
GN-1

SHEET NUMBER
\$PG\$



REVISIONS		MDOT
APPLICANT	DATE	BY

Sheet No.: _____ of _____

Permit No.: _____

4/14/2021 1:51:08 PM 08-11.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES (CONT'D)

20. ALL DRIVEWAY WORK SHALL BE COORDINATED WITH PROPERTY OWNER.
21. CURB AND GUTTER VERTICAL DIMENSIONS SHOWN IN THE DETAIL DRAWINGS ARE FOR A CURB IN THE "CATCH" CONFIGURATION AND SHALL BE CONSIDERED TO BE MINIMUM DIMENSIONS. THE DIMENSIONS MAY BE MODIFIED AS NECESSARY FOR "SPILL" CURB AND GUTTER, BUT SHALL NOT BE LESS THAN THE MINIMUM SHOWN.
22. STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
23. INSTALLATION DATES SHALL BE CLEARLY WRITTEN IN BOLD BLACK MARKINGS ON THE BACK BOTTOM HALF OF ALL SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT AND MARKS ON WET OR DRY SURFACES.
24. ALL POST, PIPE, AND I-BEAM LENGTHS IN THESE PLANS ARE ESTIMATES. POST LENGTHS FOR ALL SIGNS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
25. ALL EXISTING SIGNS WHICH ARE TO BE REMOVED AS A PART OF THIS PROJECT THAT ARE NOT IN CONFLICT WITH CONSTRUCTION SHALL REMAIN IN PLACE UNTIL NEW SIGNS ARE INSTALLED UNLESS NOTED OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
26. THE CONTRACTOR SHALL CONTACT THE MADISON COUNTY ENGINEER FOR SEWER AND WATER LOCATIONS PRIOR TO CONSTRUCTION.
27. CONTRACTOR SHALL MAINTAIN AN ACCURATE SET OF AS-BUILT DRAWINGS THROUGHOUT THE LIFE OF THE PROJECT AND SUBMIT A FINAL COPY TO THE COUNTY UPON COMPLETION OF THE PROJECT.
28. A 30% SHRINKAGE FACTOR WAS USED IN EARTHWORK CALCULATIONS FOR DESIGN ESTIMATING PURPOSES ONLY.
29. WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
30. THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND RELOCATING MAIL BOXES AS NECESSARY TO MAINTAIN CONTINUOUS MAIL SERVICE THROUGHOUT THE LIFE OF THE PROJECT, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
32. ALL SIGN LOCATIONS SHALL BE APPROVED BY ENGINEER PRIOR TO INSTALLATION.

GENERAL NOTES (CONT'D)

33. REMOVAL OF STRIPE SHALL BE COST ABSORBED.
34. ALL ITEMS ASSOCIATED WITH TEMPORARY TRAFFIC CONTROL SHALL BE PAID FOR UNDER PAY ITEM 618-A001, MAINTENANCE OF TRAFFIC. THIS SHALL INCLUDE, BUT NOT LIMITED TO DRUMS, BARRICADES, BARRIER RAIL, ETC. REQUIRED TO COMPLY WITH THE STANDARD DRAWINGS.
35. ALL EQUIPMENT SUBMITTALS SHALL BE IN ACCORDANCE WITH SECTION 631.02.2 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
36. CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND INSTALLING ALL EQUIPMENT SHOWN IN THE PLANS WITHIN ROW LIMITS.
37. ALL PERMANENT SIGNS, SIGNALS, AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
38. SIGNS LOCATED ON MAST ARM SHAFTS SHALL BE MOUNTED USING COMMERCIALY AVAILABLE SIGN MOUNTING HARDWARE. ALL SUCH HARDWARE SHALL BE IN EQUIPMENT SUBMITTALS.
39. EQUIPMENT SHOWN ON THESE PLANS ARE IN APPROXIMATE LOCATIONS. ALL EQUIPMENT SHALL BE FIELD LOCATED BY THE CONTRACTOR WITH PROPOSED LOCATIONS APPROVED BY MDOT. CONTRACTOR TO STAKE EACH LOCATION A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO REVIEW BY MDOT. THE COST OF FIELD STAKING WILL NOT BE MEASURED FOR SEPARATE PAYMENT, BUT WILL BE ABSORBED UNDER OTHER ITEMS. CONTRACTOR TO INSTALL ALL EQUIPMENT, PULL BOXES, AND CONDUIT WITHIN PUBLIC RIGHT OF WAY.
40. ALL ABOVE GROUND CONDUIT SHALL BE TYPE 1 RIGID METAL. PVC SHALL NOT BE ALLOWED ABOVE GROUND.
41. TACK COAT SHALL BE COST ABSORBED.
42. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY MAKE-READY COSTS INCURRED TO PROVIDE POWER AND COMMUNICATION SERVICES TO THE EQUIPMENT, AND IS NOT A SEPARATE PAY ITEM (COST ABSORBED).

FMS CON: 108165/701000

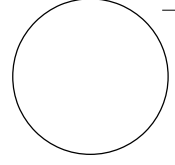
STATE	PROJECT NO.
MISS.	STP-0024-00(055)LPA

DATE	REVISION	BY	MADISON COUNTY BOARD OF SUPERVISORS
			GENERAL NOTES
KING RANCH ROAD			PRELIMINARY NOT FOR CONSTRUCTION
PROJ. NO.: STP-0024-00(055)LPA			WORKING NUMBER
COUNTY: MADISON			GN-2
FILENAME:			SHEET NUMBER
DESIGN TEAM	STANTEC	CHECKED	DATE
			\$PG\$

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MND-005
Rev. 2-93

Supplement to:
MND-001
MND-002
MND-004

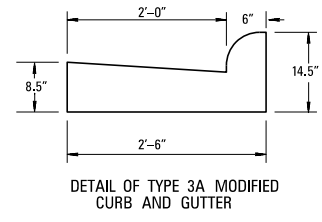
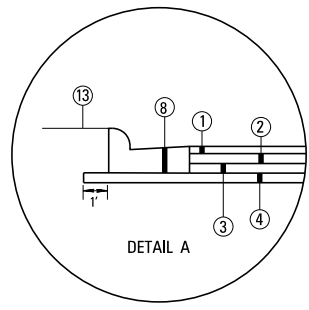
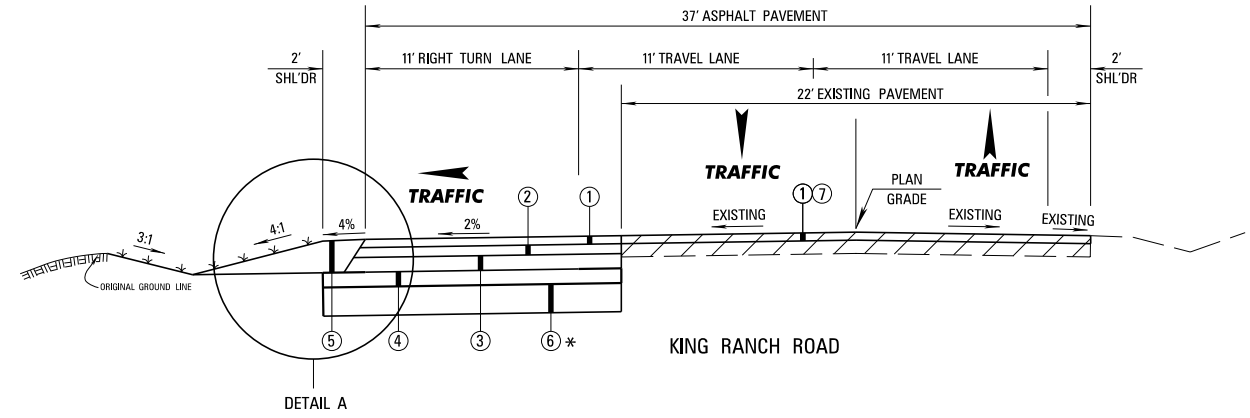


REVISIONS		APPLICANT	MDOT
DATE	BY	DATE	BY

Sheet No.: _____ of _____

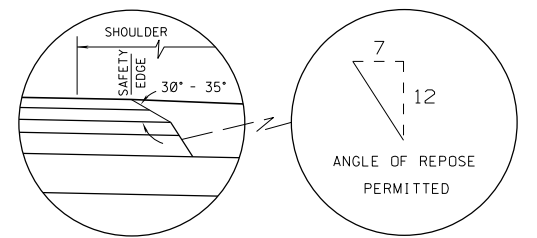
Permit No.: _____

4/27/2021 881521.42 - TYP. DGN
MADISON COUNTY BOARD OF SUPERVISORS
MISSISSIPPI DEPARTMENT OF TRANSPORTATION



- ① 1.5" ASPHALT PAVEMENT, MT (9.5 MIX) (1 @ 1.5")
- ② 2.0" ASPHALT PAVEMENT, MT (12.5 MIX) (1 @ 2.0")
- ③ 6.0" ASPHALT PAVEMENT, MT (19 MIX) (2 @ 3.0")
- ④ 6.0" CRUSHED STONE W/TYPE VI GEOTEXTILE FABRIC (WOVEN)
- ⑤ 9.5" & VAR. GRANULAR MATERIAL (CLASS 5, GROUP C)
- ⑥ 1.0' UNDERCUT, REPLACED WITH CRUSHED STONE *
- ⑦ 1.5" COLD MILLING REQ'D
- ⑧ COMBINATION CURB & GUTTER TYPE 3A

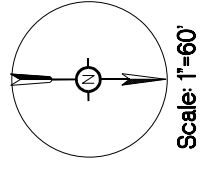
* MATERIAL SHALL BE SCARIFIED TO A DEPTH OF 1' AND COMPACTED TO NOT LESS THAN 98% OF STANDARD PROCTOR MAXIMUM DRY DENSITY. MATERIAL SHALL THEN BE PROOFROLLED WITH A LOADED DUMP TRUCK TO DEMONSTRATE STABILITY. IF STABILITY CANNOT BE ACHIEVED, A BRIDGING LAYER SHALL BE CONSTRUCTED AS SHOWN IN THE TYPICAL SECTION AND DIRECTED BY ENGINEER.



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

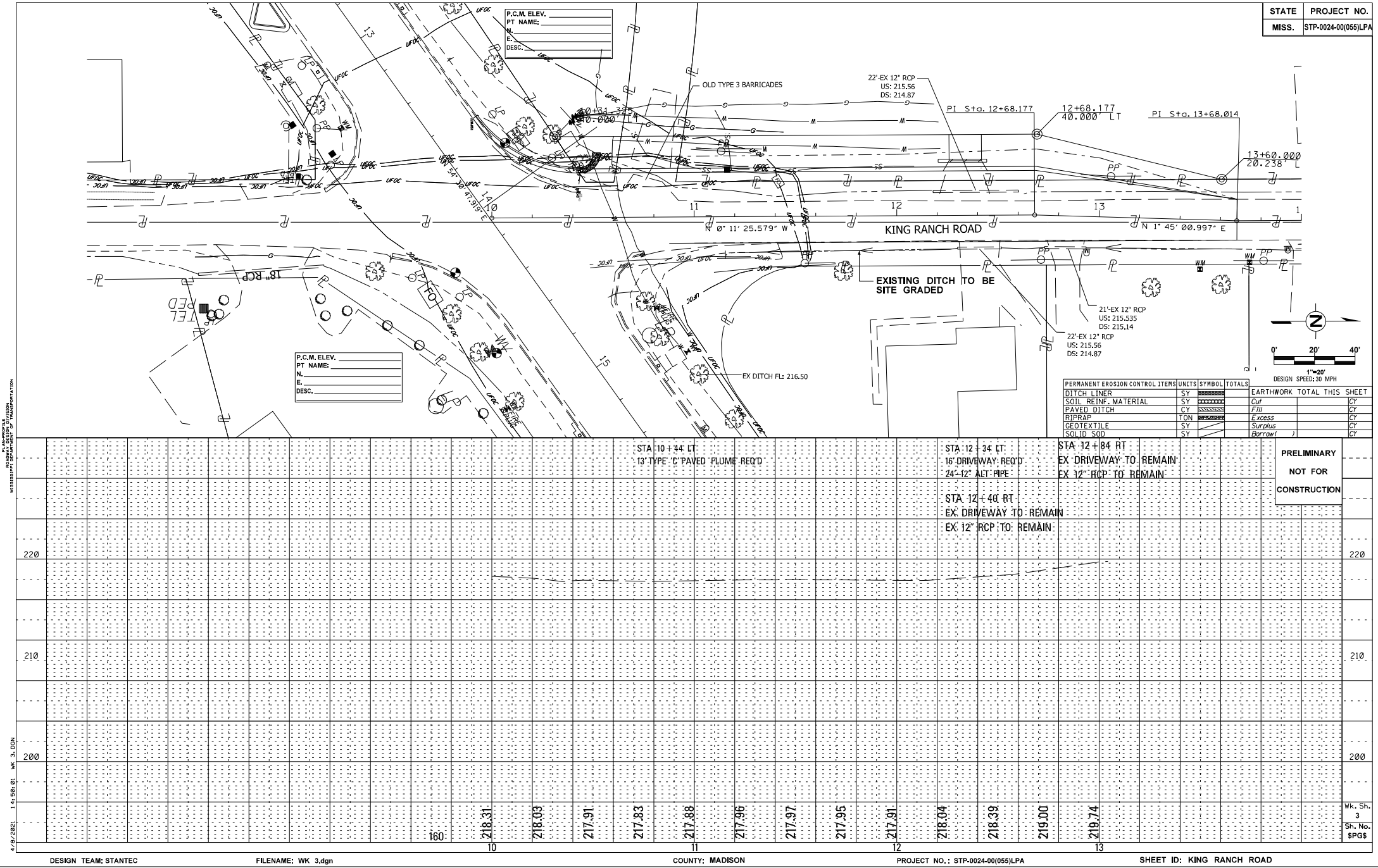
MADISON COUNTY BOARD OF SUPERVISORS		PRELIMINARY NOT FOR CONSTRUCTION
TYPICAL SECTION		
KING RANCH ROAD		WORKING NUMBER TS-1
PROJ. NO.: STP-0024-00(055)LPA		SHEET NUMBER \$PG\$
COUNTY: MADISON		
DATE	FILENAME: typ.dgn	
DESIGN TEAM	STANTEC	CHECKED
		DATE

FMS CON: 108165/701000	
STATE	PROJECT NO.
MISS.	STP-0024-00(055)LPA



REVISIONS		MDOT
APPLICANT	DATE	BY

Sheet No.: _____ of _____
Permit No.: _____



4/9/2021 14:59:01 WK 3.DGN
 P. C. M. ELEV. CONTROL DIVISION
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/9/2021 14:59:01 WK 3.DGN

DESIGN TEAM: STANTEC

FILENAME: WK 3.dgn

COUNTY: MADISON

PROJECT NO.: STP-0024-00(055)LPA

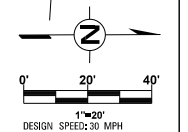
SHEET ID: KING RANCH ROAD

FMS CON: 108165/701000	
STATE	PROJECT NO.
MISS.	STP-0024-00(055)LPA

P.C.M. ELEV.	
PT. NAME:	
N.	
E.	
DESC.	

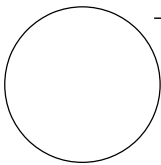
P.C.M. ELEV.	
PT. NAME:	
N.	
E.	
DESC.	

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS	EARTHWORK TOTAL	THIS SHEET
DITCH LINER	SY	-----			CY
SOIL REINF. MATERIAL	SY	-----			CY
PAVED DITCH	CY	-----			CY
RIPRAP	TON	-----			CY
GEOTEXTILE	SY	-----			CY
SOLID SOD	SY	-----			CY



PRELIMINARY
NOT FOR
CONSTRUCTION

Wk. Sh.
3
Sh. No.
SPGS



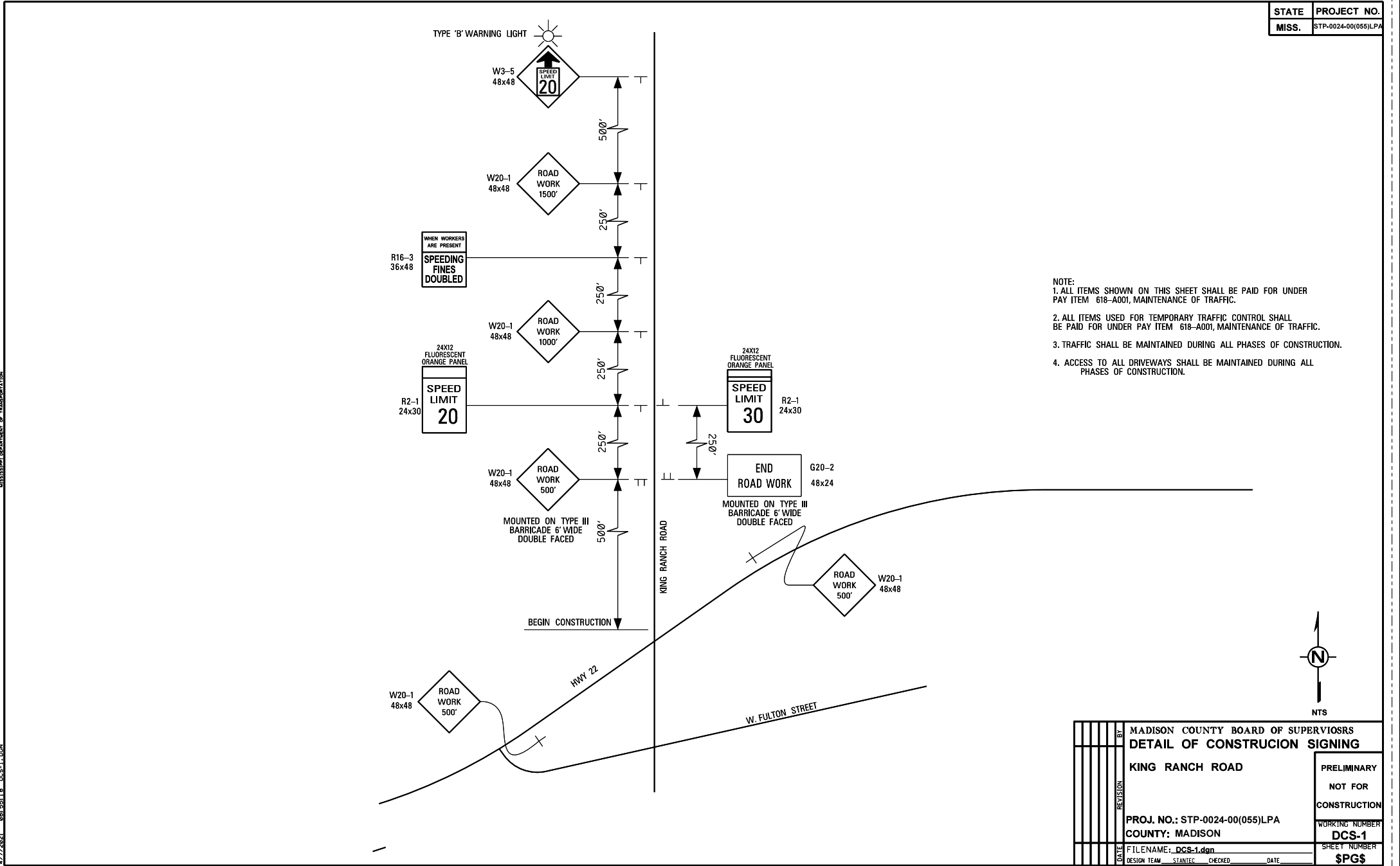
REVISIONS		APPLICANT	MDOT
DATE	BY	DATE	BY

Sheet No.: _____ of _____

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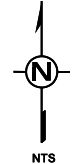
4/7/2021 8:55:18 AM DCS-1.dgn

MISSISSIPPI DEPARTMENT OF TRANSPORTATION



- NOTE:
1. ALL ITEMS SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER PAY ITEM 618-A001, MAINTENANCE OF TRAFFIC.
 2. ALL ITEMS USED FOR TEMPORARY TRAFFIC CONTROL SHALL BE PAID FOR UNDER PAY ITEM 618-A001, MAINTENANCE OF TRAFFIC.
 3. TRAFFIC SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
 4. ACCESS TO ALL DRIVEWAYS SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.

FMS CON: 108165/701000
STATE PROJECT NO.
MISS. STP-0024-00(055)LPA

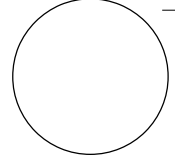


DATE	BY	MADISON COUNTY BOARD OF SUPERVISORS
		DETAIL OF CONSTRUCTION SIGNING
		KING RANCH ROAD
		PRELIMINARY
		NOT FOR
		CONSTRUCTION
		PROJ. NO.: STP-0024-00(055)LPA
		COUNTY: MADISON
		WORKING NUMBER
		DCS-1
		FILENAME: DCS-1.dgn
		SHEET NUMBER
		SPG\$
DESIGN TEAM	STANTEC	CHECKED
		DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Supplement to:
MND-001
MND-002
MND-004

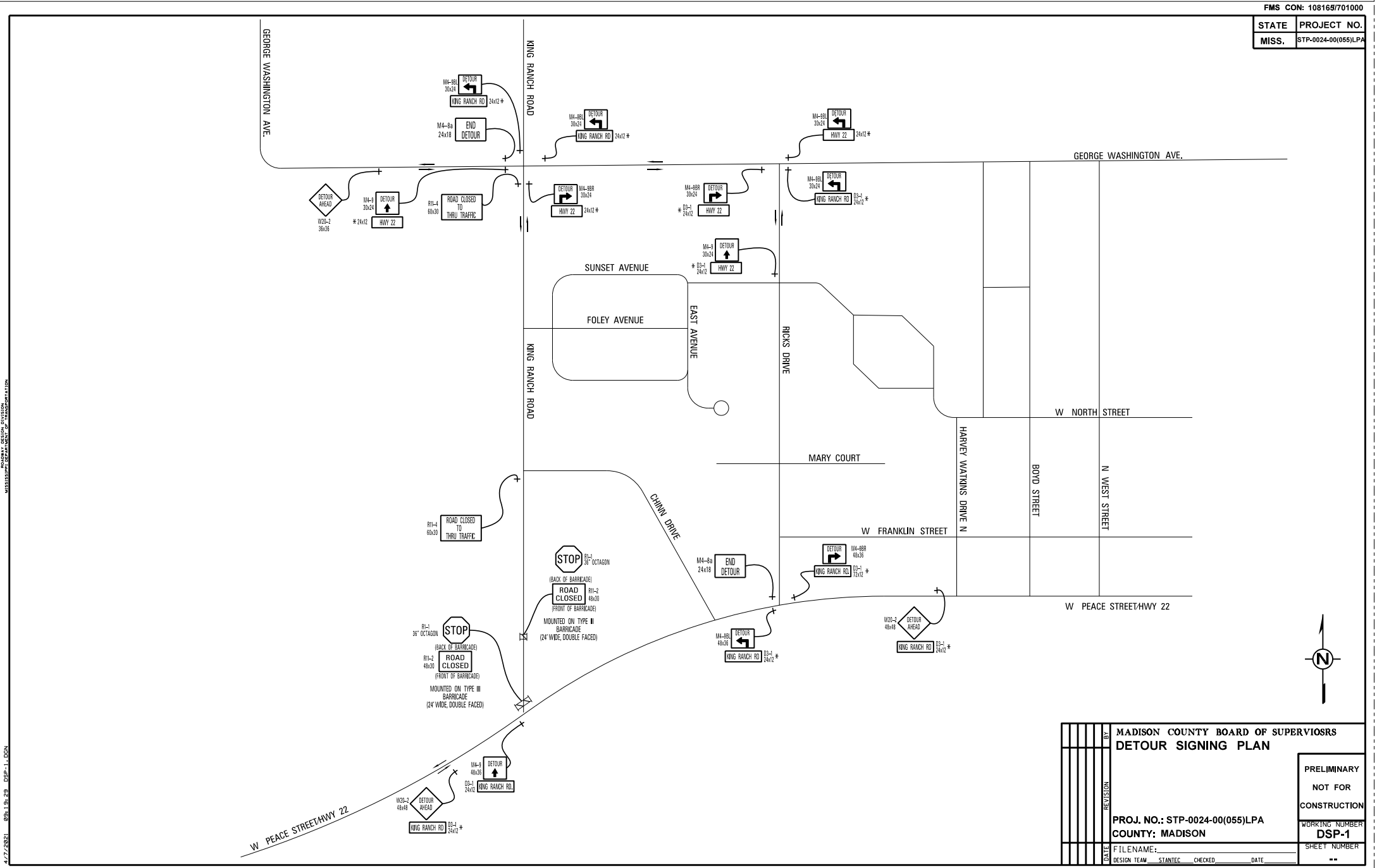
MND-005
Rev. 2-93



REVISIONS		MDOT
APPLICANT	DATE	BY

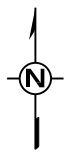
Sheet No.: _____ of _____
Permit No.: _____

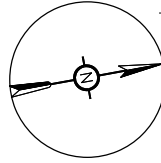
4/27/2021 09:19:23 DSP-1.DGN
MADISON COUNTY BOARD OF SUPERVISORS
MISSISSIPPI DEPARTMENT OF TRANSPORTATION



FMS CON: 108169/701000	
STATE	PROJECT NO.
MISS.	STP-0024-00(055)LPA

MADISON COUNTY BOARD OF SUPERVISORS DETOUR SIGNING PLAN		PRELIMINARY NOT FOR CONSTRUCTION
PROJ. NO.: STP-0024-00(055)LPA COUNTY: MADISON		
DATE	DESIGN TEAM	WORKING NUMBER DSP-1
	STANTEC	SHEET NUMBER
	CHECKED	
	DATE	



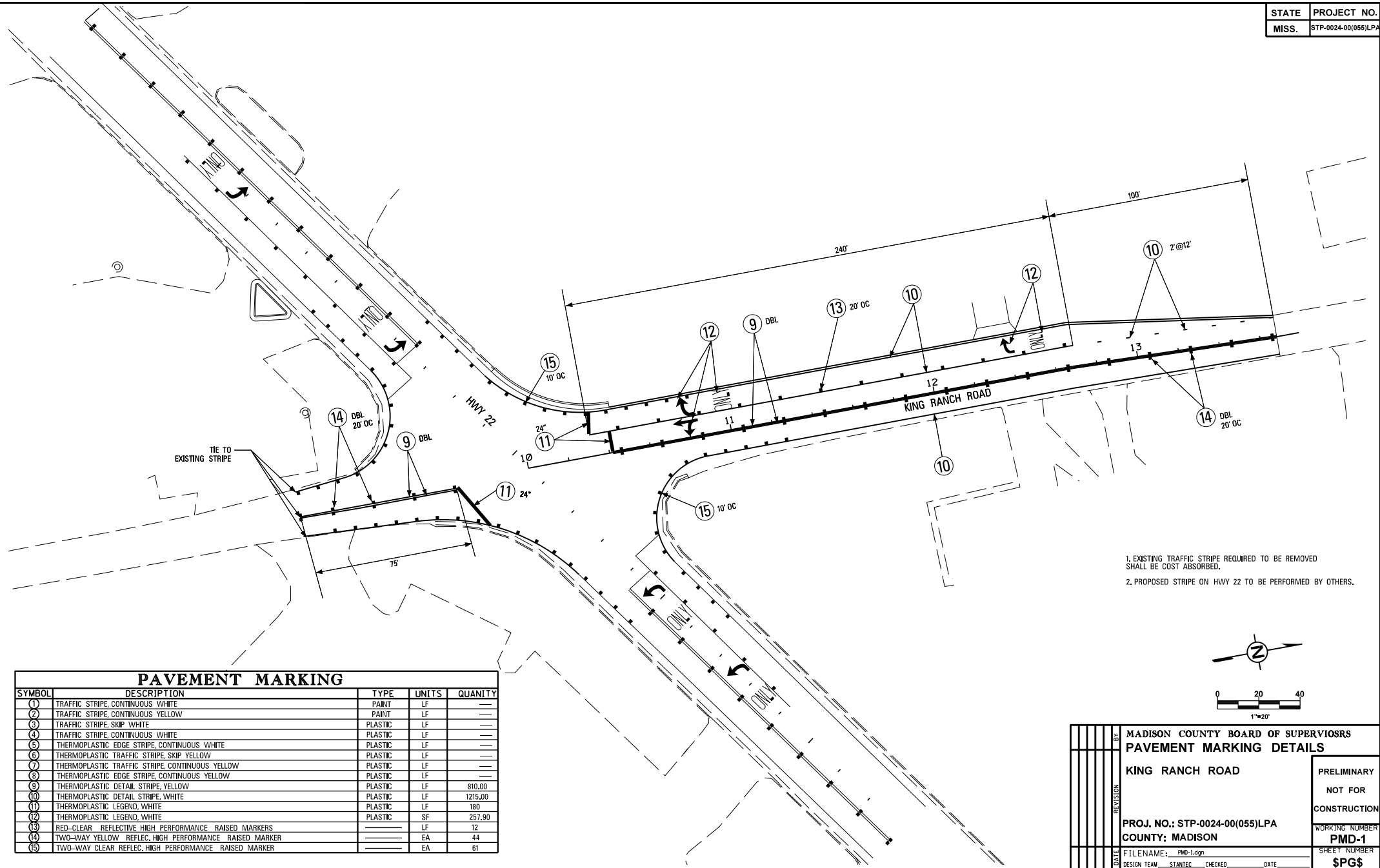


Scale: 1"=60'

REVISIONS		APPLICANT	MDOT
DATE	BY	DATE	BY

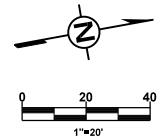
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PAVEMENT MARKING				
SYMBOL	DESCRIPTION	TYPE	UNITS	QUANTITY
1	TRAFFIC STRIPE, CONTINUOUS WHITE	PAINT	LF	---
2	TRAFFIC STRIPE, CONTINUOUS YELLOW	PAINT	LF	---
3	TRAFFIC STRIPE, SKIP WHITE	PLASTIC	LF	---
4	TRAFFIC STRIPE, CONTINUOUS WHITE	PLASTIC	LF	---
5	THERMOPLASTIC EDGE STRIPE, CONTINUOUS WHITE	PLASTIC	LF	---
6	THERMOPLASTIC TRAFFIC STRIPE, SKIP YELLOW	PLASTIC	LF	---
7	THERMOPLASTIC TRAFFIC STRIPE, CONTINUOUS YELLOW	PLASTIC	LF	---
8	THERMOPLASTIC EDGE STRIPE, CONTINUOUS YELLOW	PLASTIC	LF	---
9	THERMOPLASTIC DETAIL STRIPE, YELLOW	PLASTIC	LF	810.00
10	THERMOPLASTIC DETAIL STRIPE, WHITE	PLASTIC	LF	1215.00
11	THERMOPLASTIC LEGEND, WHITE	PLASTIC	LF	180
12	THERMOPLASTIC LEGEND, WHITE	PLASTIC	SF	257.90
13	RED-CLEAR REFLECTIVE HIGH PERFORMANCE RAISED MARKERS	---	LF	12
14	TWO-WAY YELLOW REFLEC, HIGH PERFORMANCE RAISED MARKER	---	EA	44
15	TWO-WAY CLEAR REFLEC, HIGH PERFORMANCE RAISED MARKER	---	EA	61

- EXISTING TRAFFIC STRIPE REQUIRED TO BE REMOVED SHALL BE COST ABSORBED.
- PROPOSED STRIPE ON HWY 22 TO BE PERFORMED BY OTHERS.



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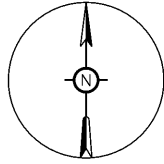
STATE	PROJECT NO.
MISS.	STP-0024-00(055)LPA

DATE	REVISION	BY	MADISON COUNTY BOARD OF SUPERVISORS PAVEMENT MARKING DETAILS	PRELIMINARY NOT FOR CONSTRUCTION
PROJECT NO.: STP-0024-00(055)LPA			WORKING NUMBER	PMD-1
COUNTY: MADISON			SHEET NUMBER	SPG\$
FILENAME: PMD-1.dgn			DESIGN TEAM	STANTEC
CHECKED			DATE	

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Scale: 1"=60'

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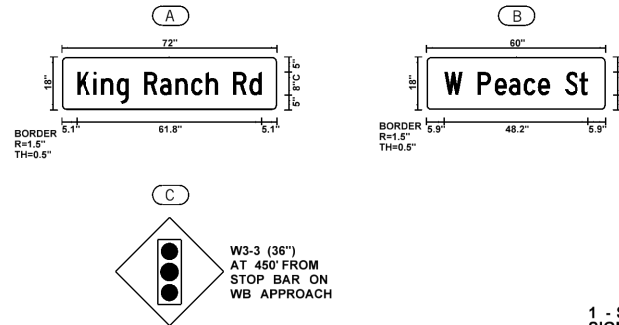
4/12/2021 1:58:21 PM TSI-1.dwg MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SIGNAL PLAN LEGEND

- SIGNAL HEAD REQUIRED / TYPE
- PEDESTRIAN HEAD REQUIRED
- EXISTING SIGNAL HEAD
- SIGN
- VEHICLE LOOP DETECTOR
- QUADRAPOLE VEHICLE LOOP DETECTOR
- VEHICLE LOOP DETECTOR NUMBER
- BASE MOUNTED CABINET FOR SIGNAL CONTROLLER
- POLE MOUNTED CABINET FOR SIGNAL CONTROLLER
- EXISTING POLE
- POLE REQUIRED
- NEW PEDESTAL POLE
- MAST ARM POLE REQUIRED
- EXISTING PULLBOX
- PULLBOX REQUIRED (TYPE SPECIFIED ON PLAN SHEETS)
- RADAR DETECTOR (RD)
- VIDEO DETECTOR (VD)
- MULTI SENSOR DETECTOR (MS)
- OPTICAL DETECTOR UNIT
- CONDUIT
- ROLL PIPE
- LUMINAIRE
- DECORATIVE LUMINAIRE
- GROUND MOUNTED PEDESTAL SERVICE PANEL
- PTZ / FIXED CAMERA
- P.B. PUSH BUTTON
- S.C. SHIELDED CABLE
- POW. POWER CABLE
- LUM. LUMINAIRE POWER CABLE
- ODC. OPTICAL DETECTOR CABLE
- 8c. NUMBER OF CONDUCTORS
- I.C. INTERCONNECT CABLE
- RAD. RADIO COMMUNICATIONS CABLE
- FO. FIBER OPTIC CABLE (72 SM)
- FO DROP. FIBER DROP CABLE (12 SM)
- DC. DETECTION CABLE
- STOP BAR DETECTION ZONE
- ADVANCED DETECTION ZONE

SIGNAL POLE CHART

POLE	TYPE	SHAFT (FT)	COORDINATES	ARM (FT)	POINT LOAD SPACING	SNS LEGEND
P1	II	17	X: 2382355.9184 Y: 1131757.5663	30'	8', 16', 24'	"W Peace St"
P2	II	17	X: 2382383.8434 Y: 1131673.4986	45'	12', 23', 27', 31', 35', 39'	"King Ranch Rd"
P3	II	17	X: 2382289.3955 Y: 1131598.3013	35'	13', 20', 30'	"W Peace St"
P4	II	17	X: 2382251.6992 Y: 1131676.2454	40'	10', 20', 24', 28', 32', 36'	"King Ranch Rd"

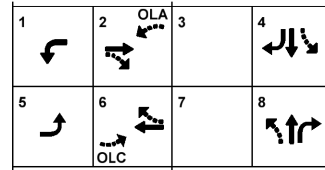


DETECTOR CHART*

DETECTOR	PHASE	MODE	LOCATION
RDS1	4	PRESENCE	STOP BAR
RDS2	2	ADVANCED	260' FROM STOP BAR (NOT SHOWN)
RDS3	1	PRESENCE	STOP BAR
RDS4	8	PRESENCE	STOP BAR
RDS5	6	ADVANCED	260' FROM STOP BAR (NOT SHOWN)
RDS6	5	PRESENCE	STOP BAR

* ALIGNMENT OF DETECTORS SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

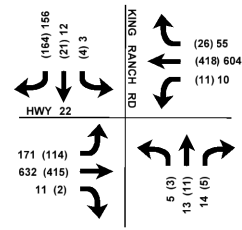
PHASING DIAGRAM



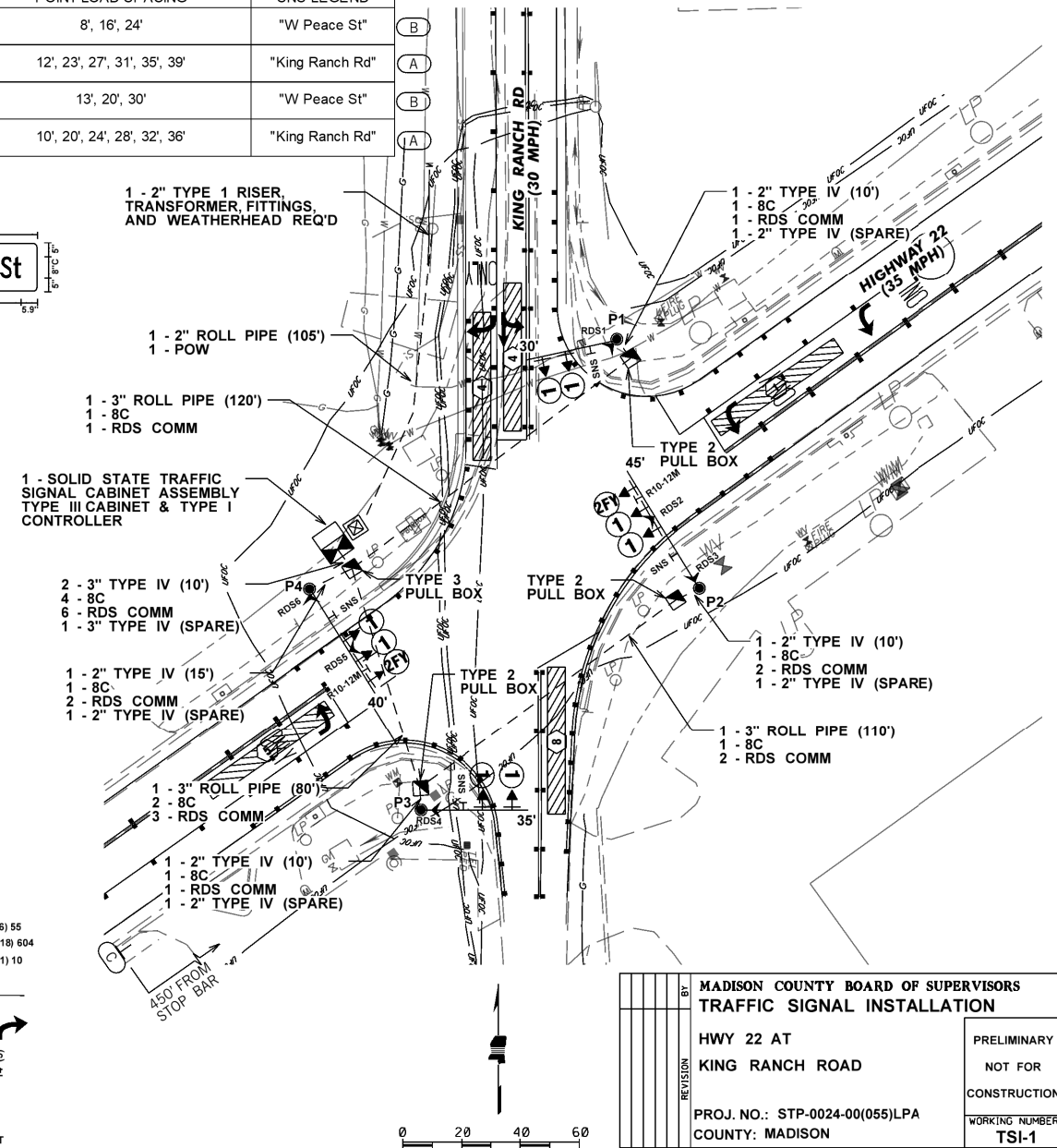
MINIMUM RECALL: PHASES 2, 6
VOLUME-DENSITY: PHASES 2, 6
FLASH OPERATION: PHASES 2, 4, 6, 8, OLA, OLC - RED
PHASES 1, 5, - NO FLASH

OVERLAP CHART

OVERLAP	-GY	+GRN	DELAY
OLA	1	2	3.0
OLC	5	6	3.0

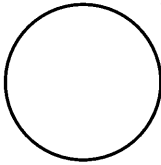


2015 (AM) PM PEAK HOUR
TURNING MOVEMENT COUNT



FMS CON: 108165/701000	
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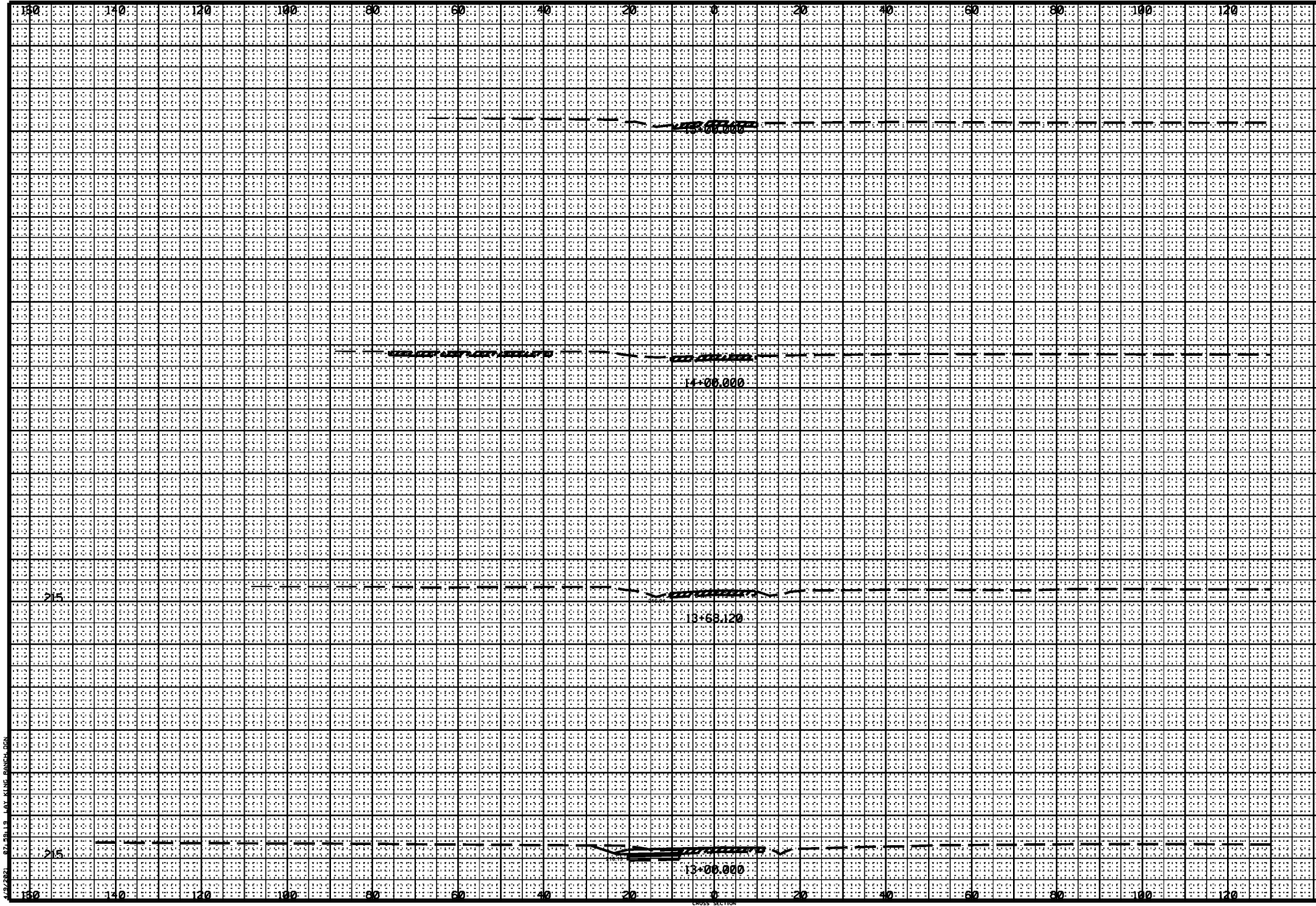
MADISON COUNTY BOARD OF SUPERVISORS TRAFFIC SIGNAL INSTALLATION		PRELIMINARY
HWY 22 AT KING RANCH ROAD		NOT FOR CONSTRUCTION
PROJ. NO.: STP-0024-00(055)LPA		WORKING NUMBER TSI-1
COUNTY: MADISON		SHEET NUMBER SPGS
DATE	FILENAME: TSI-1.dgn	
DESIGN TEAM	STANTEC	CHECKED: W.DEAN DATE: 4/7/2021



Sheet No.: _____ of _____

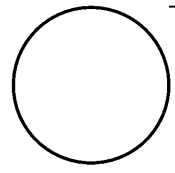
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APPLICANT		MDOT	
DATE	BY	DATE	BY



STATE	PROJECT NO.
MISS.	STP-0024-00(055)LPA
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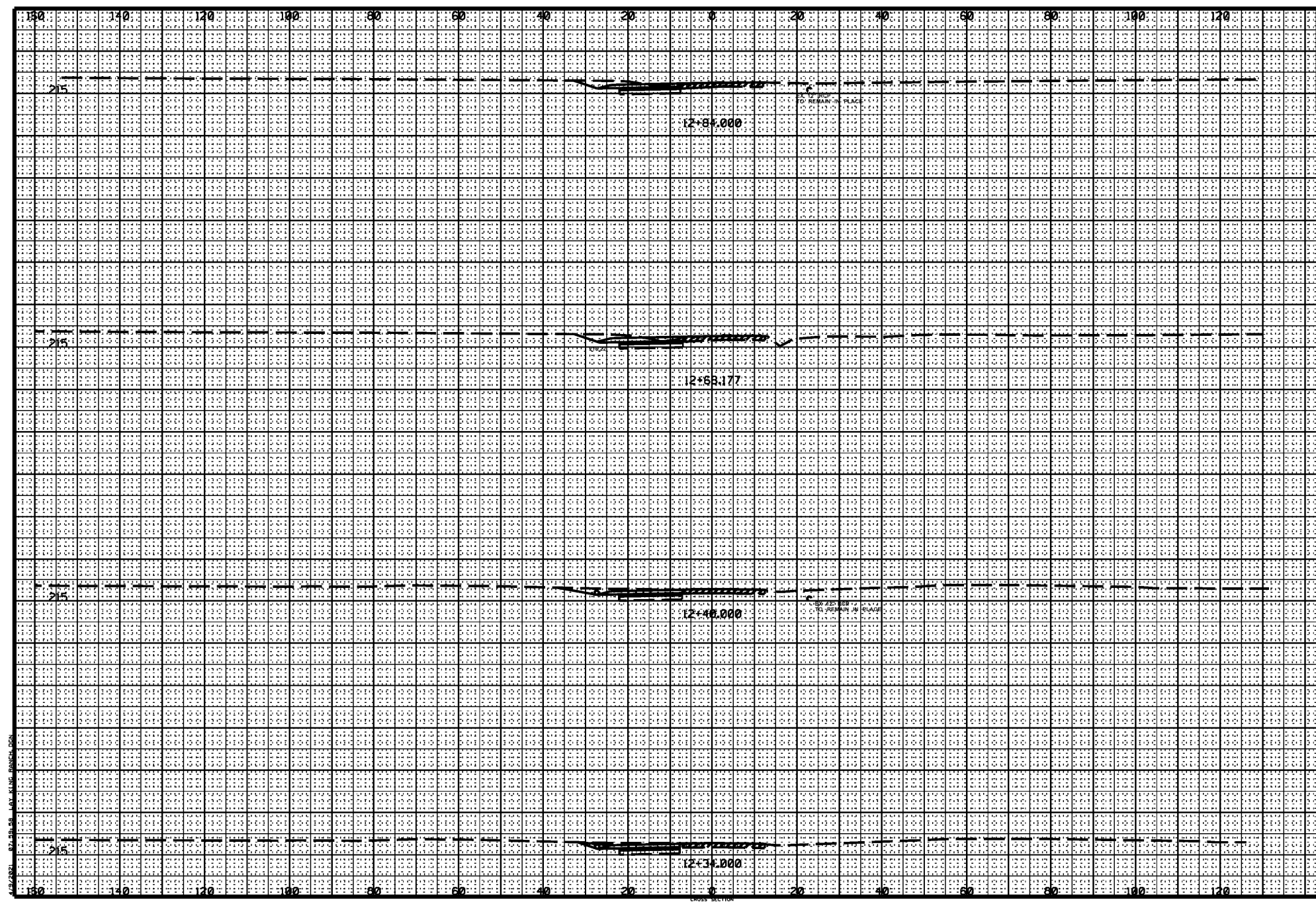
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SPGS



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DATE	BY	DATE	BY

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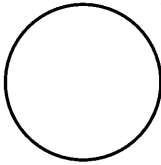
STATE	PROJECT NO.
MISS.	STP-0024-00(055)LPA
PRELIMINARY	
NOT FOR	
CONSTRUCTION	

Wk. No. _____
Sh. No. _____
SPGS

Supplement to:
 MND-001
 MND-002
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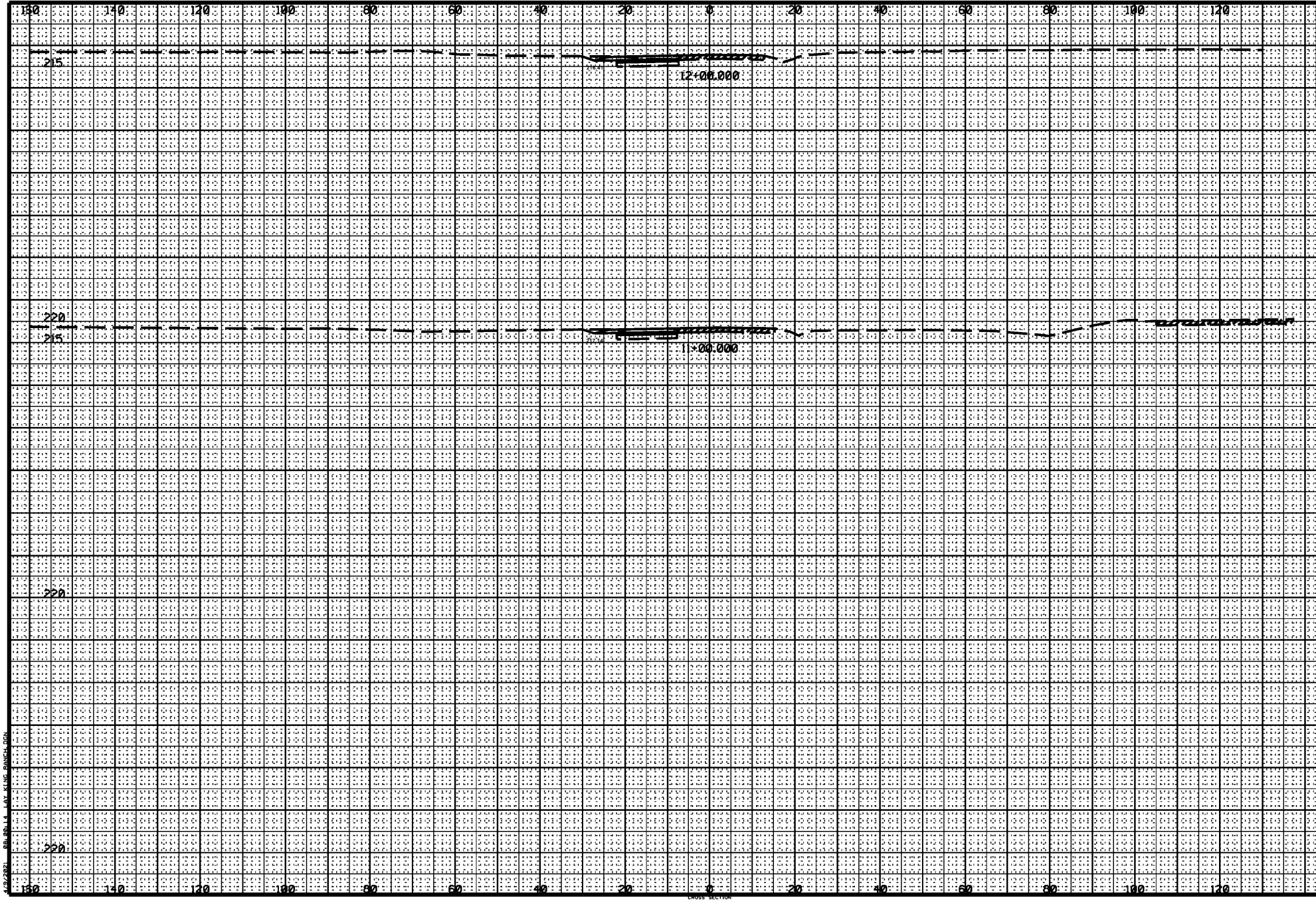
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MND-005
 Rev. 2-93



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STATE	PROJECT NO.
MISS.	STP-0024-00(055)LPA
PRELIMINARY	215
NOT FOR	
CONSTRUCTION	

2271
 Wk. No.
 Sh. No.
 SPGS

KING RANCH ROAD

ROADWAY DESIGN DIVISION, C.A.D.S. SECTION
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION