

**BID DOCUMENTS AND SPECIFICATIONS
FOR
SAGE ROAD 2018 DETAILED MILLING
BID# 18-1053PS**

**CITY OF WHITE HOUSE
105 COLLEGE ST
WHITE HOUSE, TN 37188**

**BIDS WILL BE RECEIVED
UNTIL 10:00 AM on APRIL 19th,
2018 AT WHICH TIME BIDS
WILL BE OPENED AND READ
ALLOUD.**

DATE: APRIL 6, 2018

BID FORM

Specification:

1. All work associated with this contract shall be performed in accordance the 2015 Standard Specification for Road and Bridge Construction, Tennessee Department of Transportation.
2. Contractor shall haul off and dispose of all millings at City Public Works site on Industrial Drive. A second location within the city limits of White House may also be utilized during haul off operations at the City's discretion.
3. Milling depth shall be along Sage Road and accordance with detailed plans attached. Milling is specific to depths shown at various locations and no over (deeper) milling is allowed. This portion will be the primary bid and expected to be complete within 30 days following bid submittal and contract document completion and an official Notice to Proceed.

TDOT Item No.	Description	Units	Est. Quantity	Unit Bid	Total Bid
415-01.02	Cold Planing Bitum. Pavement (Sage)	Square Yards	2,437		

and for the **Project Total** of

_____ (\$_____)

(Amount shall be shown in both words and figures. In case of discrepancy, the amount shown in words will govern. The above itemized and total prices for the project shall include all labor, materials, shoring, removal, overhead, profit, insurance, etc. to cover the finished work of the several kinds called for. All items shall be paid as itemized quantities at the actual amount measured during construction operations.

Respectfully submitted:

Prime Contractor Signature

Name: _____

Company: _____

Title: _____

Business Address: _____

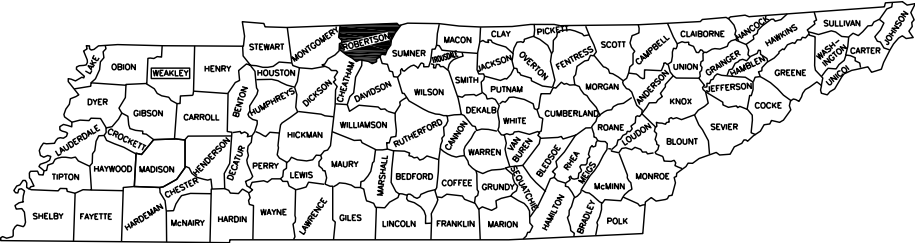
Contractor's License No: _____

SAGE RD. MILLING PLAN

FOR THE CITY OF WHITE HOUSE (ROBERTSON COUNTY)

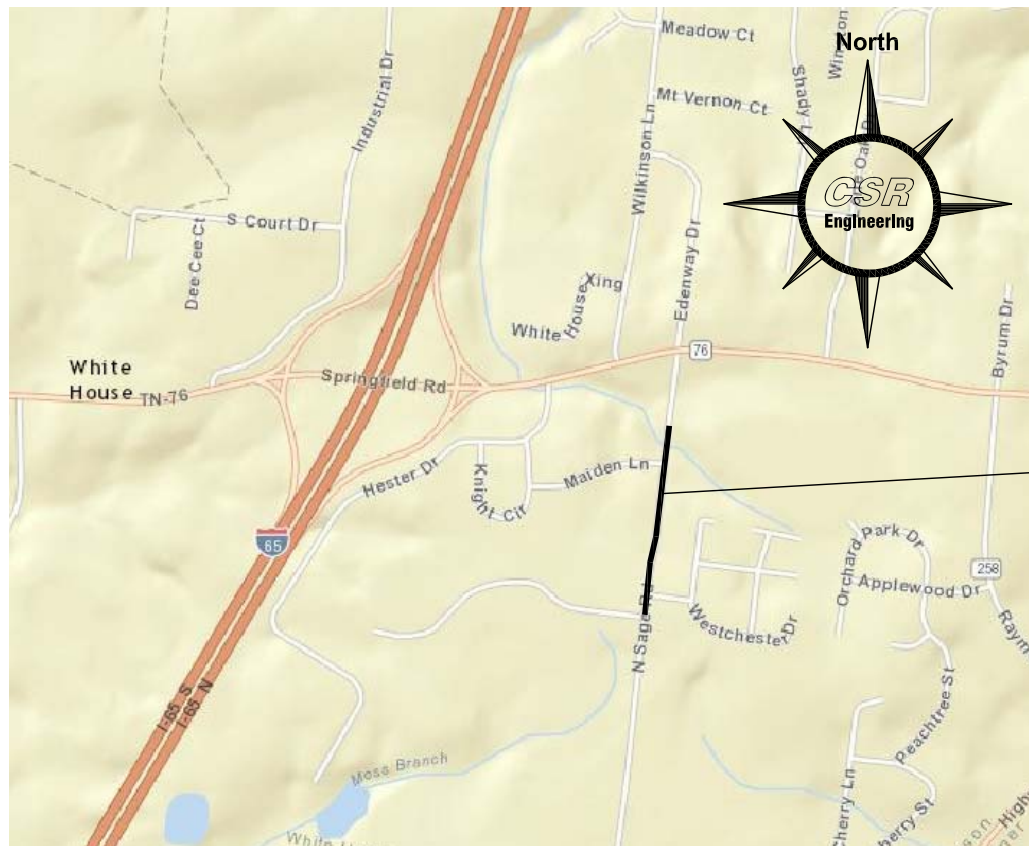
WHITE HOUSE, TENNESSEE

APRIL 2018

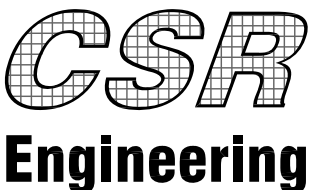


INDEX OF DRAWINGS

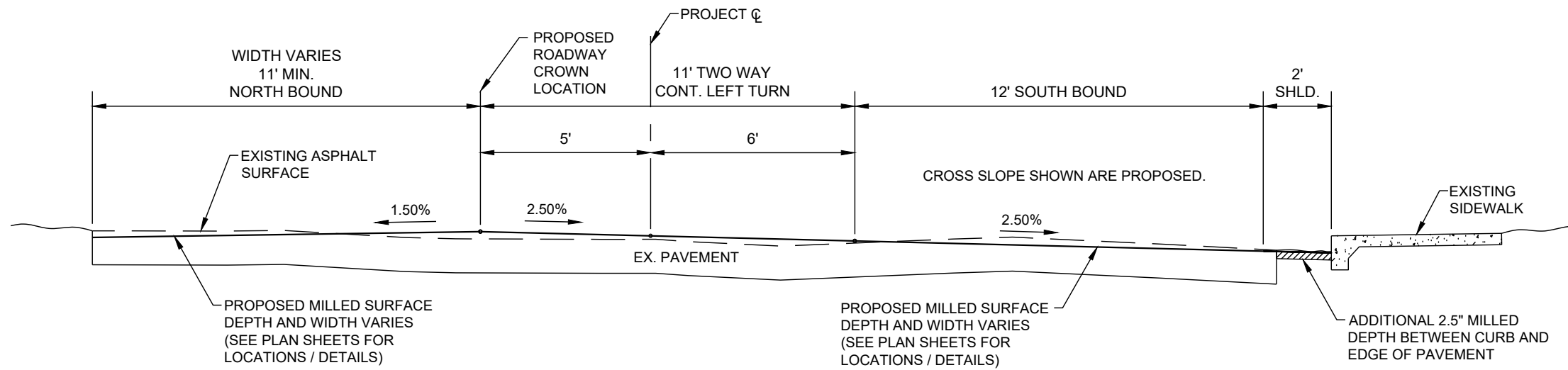
SHEET	DESCRIPTION
1.	TITLE SHEET
2.	TYPICAL SECTION AND GENERAL NOTES
3.	MILLING PLAN STA. 4+64-13+00
4.	MILLING PLAN STA. 13+00-21+50
5.	MILLING PLAN STA. 21+50-28+05



PROJECT SITE



1116 Main Street
Pleasant View, TN 37146
P: 615.212.2389
F: 615.246.3815
www.csrengineers.com



TYPICAL SECTION
NOT TO SCALE

GENERAL NOTES:

THE GENERAL INTENT OF THIS DETAILED MILLING PROJECT IS TO CORRECT ROADWAY CROSS SLOPE, MAINTAIN CONSISTENT CURB HEIGHT AND MINIMIZE LEVELING AND SURFACE ASPHALT IMMEDIATELY FOLLOWING MILLING OPERATION.

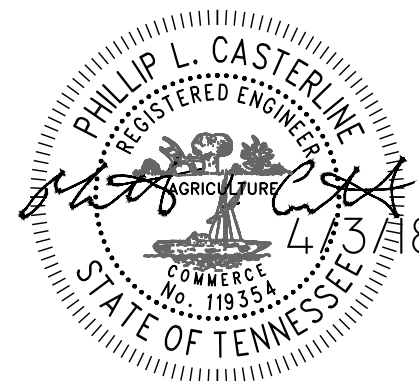
THE CONTRACTOR SHALL MILL IN THE DIRECTION OF TRAVEL TO THE MAXIMUM EXTENT PRACTICAL.


ALL TEMPORARY TRAFFIC CONTROL SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) CURRENT EDITION.

THE MILLED SURFACE SHALL HAVE A FINE TEXTURE OBTAINED BY A MILLING MACHINE UTILIZING A MILLING HEAD WITH TEETH SPACING 3/8" OR LESS OPERATING AT LESS THAN 80 FEET PER MINUTE.

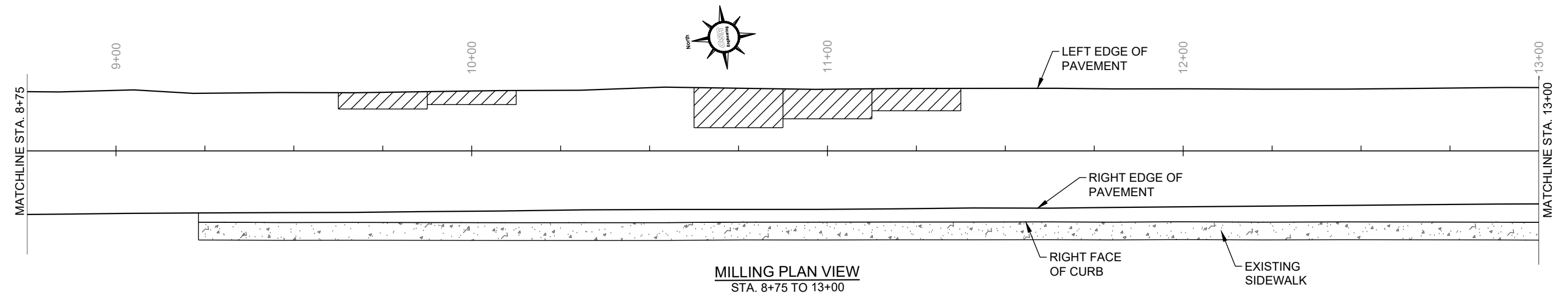
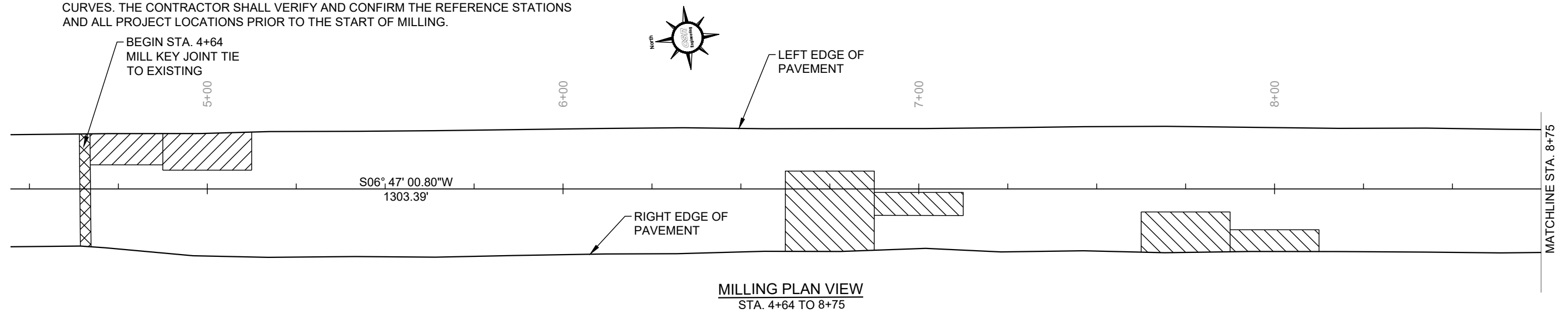
THE SURFACE SHALL BE SWEEPED AND CLEANED OF ALL LOOSE MATERIALS.

ALL MILLED MATERIAL SHALL BE HAULED OFF AND DISPOSED OF IN A LEGAL MANNER.



MILLING PLAN TYPICAL SECTION AND GENERAL NOTES			
SAGE ROAD MILLING PLAN CITY OF WHITE HOUSE WHITEHOUSE, TENNESSEE			
 CSR Engineering	DSGN: PLC 4/18	REVISIONS	
	DRWN: PLC 4/18		
	CHKD: JLR 4/18		
	SCALE: 1" = 30'		
PROJ. NO: 17-076		SHEET NO. 2	

NOTE: STATIONING SHOWN REFERENCE THE PROJECT CENTERLINE. STATIONS ARE CURRENTLY FIELD MARKED WITH PK NAILS AT 100' INTERVALS WITH 50' INTERVALS IN CURVES. THE CONTRACTOR SHALL VERIFY AND CONFIRM THE REFERENCE STATIONS AND ALL PROJECT LOCATIONS PRIOR TO THE START OF MILLING.

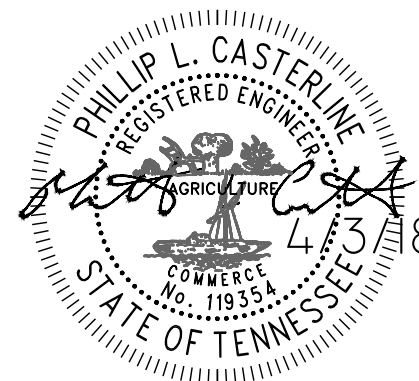



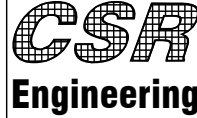
MILLING LAYOUT TABLE

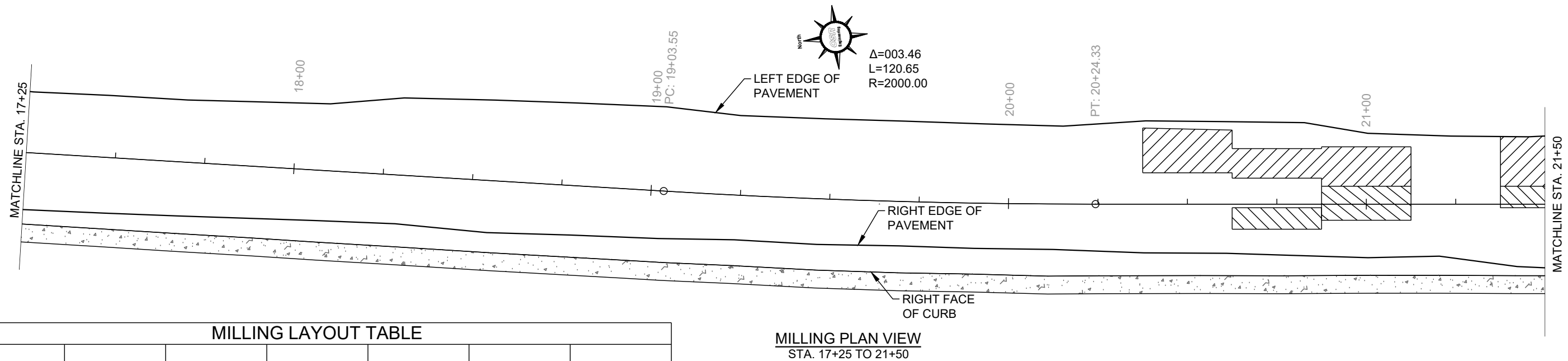
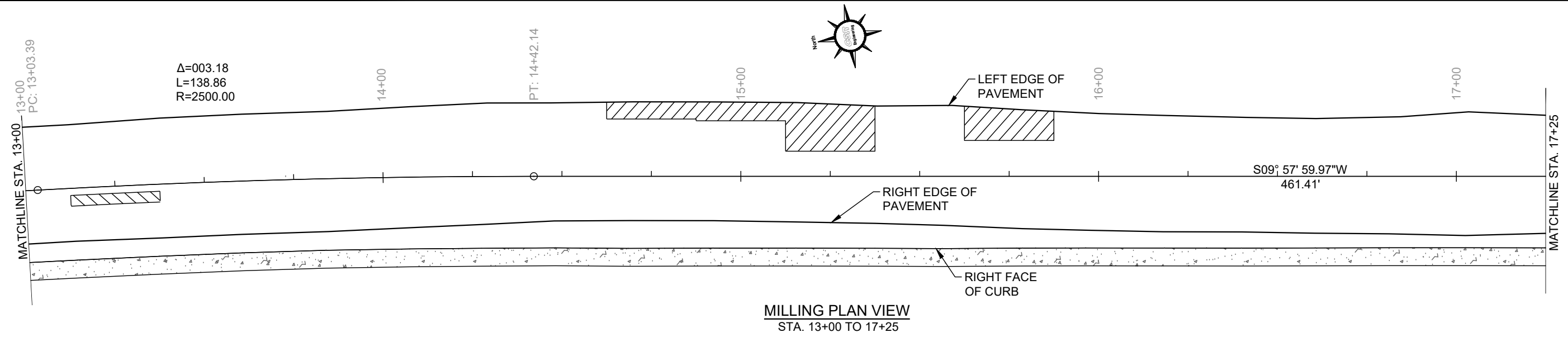
BEGIN STA.	END STA.	MILLING LIMIT LEFT	MILLING DEPTH AT LEFT BOUNDARY	MILLED AREA CROSS SLOPE	MILLING LIMIT RIGHT	MILLING DEPTH AT RIGHT BOUNDARY
4+64.0	4+87.5	L EOP	1.5"	1.5%	-6.75'	0"
4+87.5	5+12.5	L EOP	0"	1.5%	-6.25'	0"
6+62.5	6+87.5	-5.00'	0"	2.5%	R EOP	0"
6+87.5	7+12.5	+1.00'	0"	2.5%	+7.50'	0"
7+62.5	7+87.5	+6.50'	0"	2.5%	R EOP	0"
7+87.5	8+12.5	+11.00'	0"	2.5%	R EOP	1.5"
10+62.5	10+87.5	L EOP	3"	1.5%	-6.50'	0"
10+87.5	11+12.5	L EOP	2"	1.5%	-9.00'	0"
11+12.5	11+37.5	L EOP	3/4"	1.5%	-11.25'	0"

L EOP = LEFT EDGE OF PAVEMENT
R EOP = RIGHT EDGE OF PAVEMENT

-XX' = LEFT OF PROJECT CENTERLINE TRAVELING UP STATION
+XX' = RIGHT OF PROJECT CENTERLINE TRAVELING UP STATION



MILLING PLAN STA. 4+64 TO 13+00			
SAGE ROAD MILLING PLAN CITY OF WHITE HOUSE WHITEHOUSE, TENNESSEE			
		DSGN: PLC 4/18	REVISIONS
		DRWN: PLC 4/18	
		CHKD: JLR 4/18	
		SCALE: 1" = 30'	
		PROJ. NO: 17-076	
			SHEET NO. 3

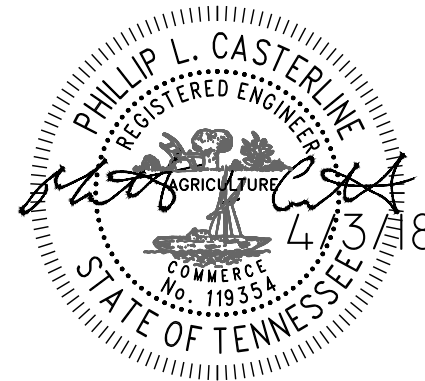



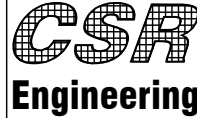
MILLING LAYOUT TABLE						
BEGIN STA.	END STA.	MILLING LIMIT LEFT	MILLING DEPTH AT LEFT BOUNDARY	MILLED AREA CROSS SLOPE	MILLING LIMIT RIGHT	MILLING DEPTH AT RIGHT BOUNDARY
13+12.5	13+37.5	+2.00'	0"	2.5%	+5.00'	0"
14+62.5	14+87.5	L EOP	1"	1.5%	-16.00'	0"
14+87.5	15+12.5	L EOP	1"	1.5%	-15.50'	0"
15+12.5	15+37.5	L EOP	1"	1.5%	-7.00'	0"
15+62.5	15+87.5	L EOP	3"	1.5%	-10.00'	0"
20+37.5	20+62.5	-21.00'	0"	1.5%	-8.75'	0"
20+62.5	20+87.5	-15.50'	0"	1.5%	-7.25'	0"
20+62.5	20+87.5	+1.00'	0"	2.5%	+7.00'	0"
20+87.5	21+12.5	-16.00'	0"	1.5%	-5.00'	1"
20+87.5	21+12.5	-5.00'	1"	2.5%	+4.50'	0"
21+37.5	21+62.5	L EOP	0"	1.5%	-5.00'	0"
21+37.5	21+62.5	-5.00'	0"	2.5%	+1.00'	0"

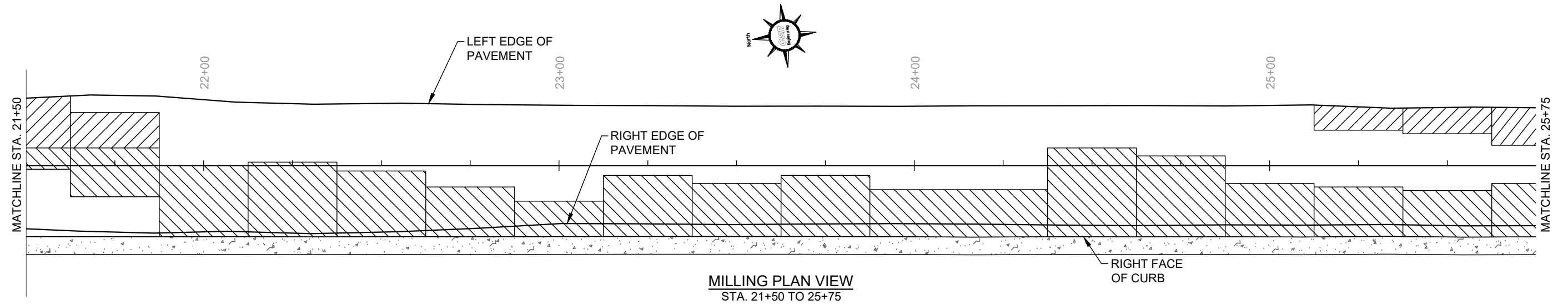
L EOP = LEFT EDGE OF PAVEMENT

-XX' = LEFT OF PROJECT CENTERLINE TRAVELING UP STATION

+XX' = RIGHT OF PROJECT CENTERLINE TRAVELING UP STATION

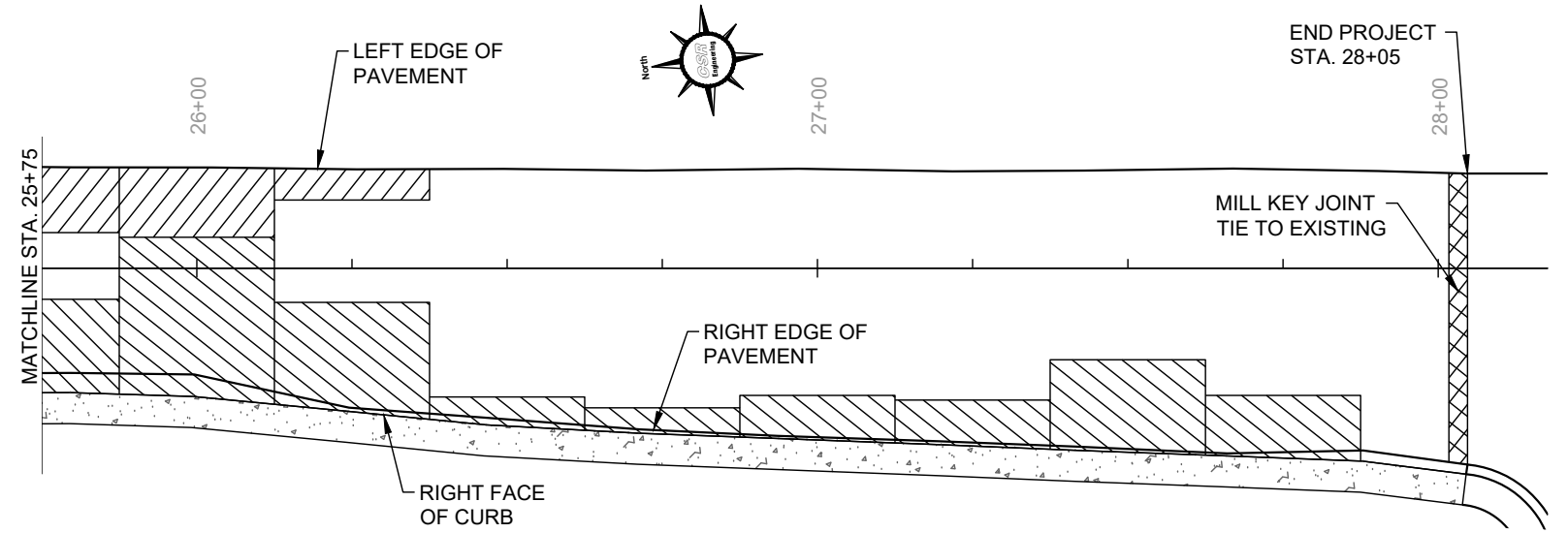


MILLING PLAN STA. 13+00 TO 21+50			
SAGE ROAD MILLING PLAN			
CITY OF WHITE HOUSE			
WHITEHOUSE, TENNESSEE			
 	DSGN: PLC 4/18	REVISIONS	
	DRWN: PLC 4/18		
	CHKD: JLR 4/18		
	SCALE: 1" = 30'		
PROJ. NO: 17-076		SHEET NO.	
		4	

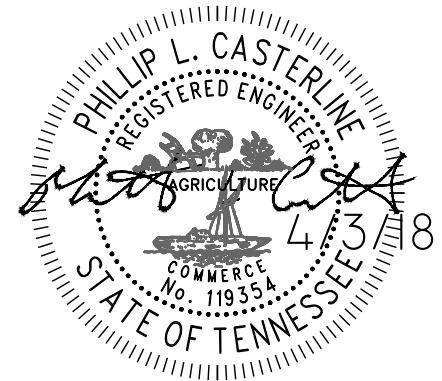


MILLING PLAN VIEW
STA. 21+50 TO 25+75

MILLING LAYOUT TABLE						
BEGIN STA.	END STA.	MILLING LIMIT LEFT	MILLING DEPTH AT LEFT BOUNDARY	MILLED AREA CROSS SLOPE	MILLING LIMIT RIGHT	MILLING DEPTH AT RIGHT BOUNDARY
21+37.5	21+62.5	L EOP	0"	1.5%	-5.00'	0"
21+37.5	21+62.5	-5.00'	0"	2.5%	+1.00'	0"
21+62.5	21+87.5	-15.00'	0"	1.5%	-5.00'	1"
21+62.5	21+87.5	-5.00'	1"	2.5%	+8.75'	0"
21+87.5	22+12.5	0.00'	0"	2.5%	FOC	7.5" TOC
22+12.5	22+37.5	-1.00'	0"	2.5%	FOC	7.5" TOC
22+37.5	22+62.5	+1.50'	0"	2.5%	FOC	7.5" TOC
22+62.5	22+87.5	+6.00'	0"	2.5%	FOC	7.5" TOC
22+87.5	23+12.5	+10.00'	0"	2.5%	FOC	7.5" TOC
23+12.5	23+37.5	+2.75'	0"	2.5%	FOC	7.5" TOC
23+37.5	23+62.5	+5.00'	0"	2.5%	FOC	7.5" TOC
23+62.5	23+87.5	+2.75'	0"	2.5%	FOC	7.5" TOC
23+87.5	24+12.5	+6.75'	0"	2.5%	FOC	7.5" TOC
24+12.5	24+37.5	+6.75'	0"	2.5%	FOC	7.5" TOC
24+37.5	24+62.5	-5.00'	0"	2.5%	FOC	7.5" TOC
24+62.5	24+87.5	-2.75'	0"	2.5%	FOC	7.5" TOC
24+87.5	25+12.5	+5.00'	0"	2.5%	FOC	7.5" TOC
25+12.5	25+37.5	L EOP	3/4"	1.5%	-10.00'	0"
25+12.5	25+37.5	+6.00'	0"	2.5%	FOC	7.5" TOC
25+37.5	25+62.5	L EOP	2-3/8"	1.5%	-9.00'	0"
25+37.5	25+62.5	+7.00'	0"	2.5%	FOC	7.5" TOC
25+62.5	25+87.5	L EOP	4-1/2"	1.5%	-5.75'	0"
25+62.5	25+87.5	+5.00'	0"	2.5%	FOC	7.5" TOC
25+87.5	26+12.5	L EOP	4-1/2"	1.5%	-5.00'	3/4"
25+87.5	26+12.5	-5.00'	3/4"	2.5%	FOC	7.5" TOC
26+12.5	26+37.5	L EOP	1"	1.5%	-11.00'	0"
26+12.5	26+37.5	+5.50'	0"	2.5%	FOC	7.5" TOC
26+37.5	26+62.5	+20.75'	0"	2.5%	FOC	7.5" TOC
26+62.5	26+87.5	+22.50"	0"	2.5%	FOC	7.5" TOC
26+87.5	27+12.5	+20.50'	0"	2.5%	FOC	7.5" TOC
27+12.5	27+37.5	+21.25'	0"	2.5%	FOC	7.5" TOC
27+37.5	27+62.5	+14.75'	0"	2.5%	FOC	7.5" TOC
27+62.5	27+87.5	+20.50'	0"	2.5%	FOC	6.5" TOC



MILLING PLAN VIEW
STA. 25+75 TO 28+05



L EOP = LEFT EDGE OF PAVEMENT
FOC = FACE OF CURB
-XX' = LEFT OF PROJECT CENTERLINE TRAVELING UP STATION
+XX' = RIGHT OF PROJECT CENTERLINE TRAVELING UP STATION
XX" TOC = MILLED SURFACE REFERENCE TO TOP OF CURB

MILLING PLAN STA. 21+50 TO 28+05			
SAGE ROAD MILLING PLAN			
CITY OF WHITE HOUSE			
WHITEHOUSE, TENNESSEE			
		DSGN: PLC 4/18	REVISIONS
		DRWN: PLC 4/18	
		CHKD: JLR 4/18	
		SCALE: 1" = 30'	
PROJ. NO: 17-076		SHEET NO. 5	