



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

July 24, 2019
AGENDA ITEM #14

Approve Change Order No. 3 to the System-wide Performance Based Maintenance Contract with Roy Jorgenson Associates, Inc. to provide additional mowing at intersections on the MoPac Improvement Project.

Strategic Plan Relevance: Regional Mobility
Department: Engineering
Contact: Justin Word, P.E., Director of Engineering
Associated Costs: CO#3: \$225,859.06
Funding Source: Operations Budget
Action Requested: Consider and act on draft resolution

Project Description – The System-wide Performance Based Maintenance Contract (PBMC) includes routine maintenance of all assets within the ROW limits for 290 Toll Phases I & II (from US 183 to Parmer), 183A Toll Phases I & II (from northwest Austin through Cedar Park and Leander), SH71 Toll (from near Presidential Boulevard at ABIA to the east near SH 130), MoPac Express (from Cesar Chavez Street to Parmer Lane) and SH45SW (from MoPac to FM 1626).

Previous Actions/Brief History of the Project/Program –The Central Texas Regional Mobility Authority approved award of the PBMC on September 30, 2015 via Resolution No. 15-057. The contract was executed on December 21, 2015. The contract includes an initial 5-year term, with two optional 1-year extensions.

Landscape mowing at intersections along the Mopac Improvement Project is desired to enhance the level of aesthetics along the corridor to provide a pleasant experience for the driver using the newly constructed managed lanes.

Action requested/Staff Recommendation - Staff recommends execution a change order to add landscape mowing at intersections along the MIP corridor to the System-wide

Performance Based Maintenance Contract (PBMC) currently contracted with Roy Jorgensen Associates, Inc. an amount not to exceed \$225,859.06.

Financing - Operations Budget

Backup Provided: Draft Resolution
 Draft Agreement

**GENERAL MEETING OF THE BOARD OF DIRECTORS
OF THE
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

RESOLUTION NO. 19-0XX

**APPROVE CHANGE ORDER NO. 3 TO THE SYSTEM-WIDE PERFORMANCE BASED
MAINTENANCE CONTRACT WITH ROY JORGENSEN ASSOCIATES, INC. FOR
ADDITIONAL MOWING AT INTERSECTIONS ON THE MOPAC IMPROVEMENT
PROJECT**

WHEREAS, by Resolution No. 15-057 dated September 30, 2015, the Board awarded a System-wide Performance Based Maintenance Contract to Roy Jorgenson Associates, Inc. for the performance of routine maintenance on Mobility Authority facilities (the “Maintenance Contract”); and

WHEREAS, the Mobility Authority desires additional mowing at intersections along the MoPac Improvement Project to enhance the level of aesthetics and provide a pleasant experience for drivers using the MoPac Express Lanes; and

WHEREAS, the Executive Director and Roy Jorgenson Associates, Inc. have negotiated proposed Change Order No. 3 to the Maintenance Contract to provide additional mowing at intersections along the MoPac Improvement Project, a copy of which is attached hereto as Exhibit A; and

WHEREAS, the Executive Director recommends that the Board approve proposed Change Order No. 3 in an amount not to exceed \$225,859.06.

NOW THEREFORE, BE IT RESOLVED, that the Board hereby approves Change Order No. 3 to the System-wide Performance Based Maintenance Contract with Roy Jorgenson Associates, Inc. and authorizes the Executive Director to finalize and execute Change Order No. 3 on behalf of the Mobility Authority in an amount not to exceed \$225,859.06 and in the form or substantially the same form as Exhibit A.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 24th day of July 2019.

Submitted and reviewed by:

Approved:

Geoffrey Petrov, General Counsel

Nikelle Meade
Vice Chair, Board of Directors

Exhibit A



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

CHANGE ORDER #03

System-wide Performance Based Maintenance Contract (PBMC) - 15PROGXXX01M

Amount: \$225,859.06

Description:

MoPac Improvement Project - Landscape Mowing at Intersections

An additional pay item has been added for landscape mowing at intersections along the MoPac Improvement Project as described in the attached Change Order #3 Scope document.

Change Order Contents:

1. Change Order Forms
2. Bid item cost breakdown from RJA
3. Change Order #3 Scope
4. Vol IV Maps – MoPac (Revised)



CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

CHANGE ORDER NUMBER: 3

- 1. CONTRACTOR: Roy Jorgensen Associates, Inc.
2. Change Order Work Limits: MoPac Improvement Project (Loop 1) Corridor
3. Type of Change(on federal-aid non-exempt projects): Minor (Major/Minor)
4. Reasons: 3F - Addition of Landscape Mowing at Intersections Along MoPac Corridor

5. Describe the work being revised:
The scope of this change order includes revising the maintenance maps and updating costs for the maintenance of additional landscape mowing at intersections along the MoPac corridor to be performed in accordance with the Contract Documents.

- 6. Work to be performed in accordance with Items:
7. New or revised plan sheet(s) are attached and numbered: Vol IV Maps - MoPac
8. New general notes to the contract are attached: Yes No
9. New Special Provisions to Item No. and Special Specification Item are attached. N/A

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

Table with 2 columns: Contract details and financial information. Includes text: 'The following information must be provided', 'Amount added by this change order: \$ 225,859.06', 'Original Contract Amount \$ 20,876,495.00', 'Revised Contract Amount To Date \$ 21,384,455.27'. Also includes signature of Abraham A. Henningsgaard, Vice President.

RECOMMENDED FOR EXECUTION:

Engineer's Seal:



(1) [Signature] Date July 11, 2019
GEC Project Manager

- (2) CTRMA, Roadway & Facilities Maint Mgr Date
(3) CTRMA, Director of Engineering Date
(4) CTRMA, General Counsel Date
(5) CTRMA, Deputy Executive Director Date
(6) CTRMA, Executive Director Date

Change Order #: 3

Estimated Cost: \$ **225,859.06**

TABLE A: Force Account Work and Materials Placed into Stock

		LABOR	QTY	HOURLY RATE	TOTAL	EQUIPMENT	DAYS	HOURLY RATE	TOTAL

TABLE B: Contract Amount Changes

				ORIGINAL + PREVIOUSLY REVISED CONTRACT			REVISED / NEW CONTRACT			CONTRACT CHANGE
CHANGE ITEM	REASON CODE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	UNIT PRICE	AMOUNT	OVERRUN / (UNDERRUN)
751RMA 0001CO3	3F	LANDSCAPE MOWING (MOPAC IMPROVEMENT PROJECT) CO#3	CYC	0.00	\$ -	\$ -	14.00	\$ 16,132.79	\$ 225,859.06	\$ 225,859.06
TOTALS						\$ -			\$ 225,859.06	\$ 225,859.06

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change. This change order compensates the contractor for all changes valued at \$50,000 or less.

Note: Quantities are rounded to 2 decimal places for formatting. Amounts are accurate to the nearest \$0.01


CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. CTRMA Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the CTRMA 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the CTRMA 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

Change Order No. 3 -- Revised Contract Amount to Date Summary

Original Contract: \$ 20,876,495.00

	Amount	Description	Revised Contract Amt to Date:
C.O. #1	\$ -	Revised Auditable Section Length & Misc Items	\$ 20,876,495.00
C.O. #2	\$ 282,101.21	Table B - Change order consists of unit price adjustment for addition of landscaping along SH71. Table C - Work orders for limited maintenance on SH71 and MoPac have been applied to the appropriate pay items for each corridor. A summary of the revised actuals to-date is included, showing the result of this change.	\$ 21,158,596.21
C.O. #3	\$ 225,859.06	Addition of landscape mowing areas at intersections along the MoPac corridor.	\$ 21,384,455.27

Summary Prepared by:  _____, P.E. 11-Jul-19
 Michelle E. Stracener, P.E. Date

COST BREAKDOWN

CO#3

MoPac

LABOR

DESCRIPTION	QUANT.	REG. RATE	REGULAR	REG. TIME	O/T RATE	O/T	O/T	TOTAL
			HOURS	TOTAL COST		HOURS	TOTAL COST	
Supervisor	1	\$ 35.00	40	\$ 1,400.00	\$ 52.50	0	\$ -	\$ 1,400.00
Tech IV	1	\$ 28.00	40	\$ 1,120.00	\$ 42.00	0	\$ -	\$ 1,120.00
Tech II	1	\$ 17.50	40	\$ 700.00	\$ 26.25	0	\$ -	\$ 700.00
Tech II	1	\$ 17.50	40	\$ 700.00	\$ 26.25	0	\$ -	\$ 700.00
Tech II	1	\$ 17.50	40	\$ 700.00	\$ 26.25	0	\$ -	\$ 700.00

\$ 4,620.00

EQUIPMENT

DESCRIPTION	QUANT.	HOURLY	HOURS	TOTAL
		RATE		COST
F150 Crew Cab 196470	1	\$ 16.40	40	\$ 656.00
TMA	1	\$ 32.70	40	\$ 1,308.00
F350 Crew Cab	1	\$ 25.40	40	\$ 1,016.00
F550 Crew Cab	1	\$ 25.54	40	\$ 1,021.60
Zero Turn Mower	2	\$ 375.00	WK	\$ 750.00
Weed Eater	4	\$ 186.00	WK	\$ 744.00
Blower	2	\$ 168.00	WK	\$ 336.00
Trailer	1	\$ 3.82	40	\$ 152.80
Sprayer	0	\$ 514.00	MO	\$ -

\$ 5,984.40

Materials

DESCRIPTION	QUANT	UNIT	PRICE	TOTAL
Miscellaneous(trash bags, weedeater string, oil, ect.)	1	EA	\$ 20.00	\$ 20.00
Barricades	1	EA	\$ 600.00	\$ 600.00
Herbicide	1	EA	\$ -	\$ -

\$ 620.00

MOBILIZATION

DESCRIPTION	QUANT	UNIT	PRICE	TOTAL
MOB Cost	0	LS	\$ 1,200.00	\$ -

\$ -

**RECAP
CO#3
Mopac**

LABOR

BASE LABOR		\$	4,620.00
MARK-UP	25%	\$	1,155.00
BURDEN	55%	\$	2,541.00
TOTAL LABOR		\$	8,316.00

EQUIPMENT

COST		\$	5,984.40
MARK-UP	15%	\$	897.66
TOTAL EQUIPMENT		\$	6,882.06

MATERIALS

COST		\$	620.00
MARK-UP	25%	\$	155.00
TOTAL MATERIALS		\$	775.00

MOBILIZATION

COST		\$	-
TOTAL MATERIALS		\$	-

TOTAL COST		\$	15,973.06
BOND	1%	\$	159.73
		\$	16,132.79

Minimum of one mow cycle per month and begin a cycle within 3 days of notice.

Central Texas Regional Mobility Authority

Contract No. 15PROGXXX01M
Landscape Mowing Areas at Intersections
MoPac Improvement Project (Loop 1)
Various Locations

I. CHANGE ORDER #3

July 11, 2019

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A. SCOPE OF WORK

The purpose of Change Order #3 is to include additional landscape mowing areas at intersections along the MoPac Improvement Project corridor, as shown in the plans. These additional areas shall be maintained in accordance with the performance measures shown in Exhibit 2 - Performance and Measurement Table for 10.2 Landscape Areas. The height of the grass and weeds is to be kept between 4"-8". Mowing begins before vegetation reaches 8".

The contractor will be notified three days in advance of the date to begin the mowing cycle. Once work begins, the contractor will work continuously until the mowing cycle is completed. If the contractor fails to perform mowing operations per this change order, Liquidated Damages will be applied at CTRMA's discretion in accordance with Table 5.2, Failure to Submit Deliverables Liquidated Damages for Failure to Complete Scheduled Work in the amount of \$1,000 per day.

The contractor will be required to mow a minimum of one cycle per month.

The updated plan sheets indicate modifications and additions within the blue bubble area, denoted as Change Order #3.

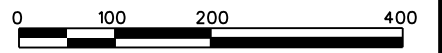
Table 1: Approximate Quantities for Estimating

APPROXIMATE QUANTITIES FOR ESTIMATING PURPOSES ONLY			
Description	Intersection	Quantity	Unit
Landscape Mowing	RM 2222	5.40	AC
	W 45th Street	4.68	
	W 35th Street	8.68	
	Westover Road	3.54	
	Windsor Road	5.40	
	Enfield Road	4.01	

B. PRICE PROPOSAL FORM

ITEM CODE	DESCRIPTION AND UNIT PRICING IN WRITING	UNIT OF MEASURE-MENT	APPROX. QUANTITY	UNIT PRICE (IN FIGURES)		AMOUNT (IN FIGURES)	
				DOLLARS	CENTS	DOLLARS	CENTS
751RMA 0001CO3	LANDSCAPE MOWING (MOPAC IMPROVEMENT PROJECT) CO#3 <u>for Sixteen Thousand One Hundred Thirty-two Dollars and Seventy-nine Cents per Month</u>	CYC	14	16,132	79	225,859	06
	TOTAL BID AMOUNT <u>for Two Hundred Twenty-five Thousand Eight Hundred Fifty-nine Dollars and Six Cents</u>					225,859	06

EXHIBIT A – CHANGE ORDER #3 MOPAC LANDSCAPE MOWING AREAS

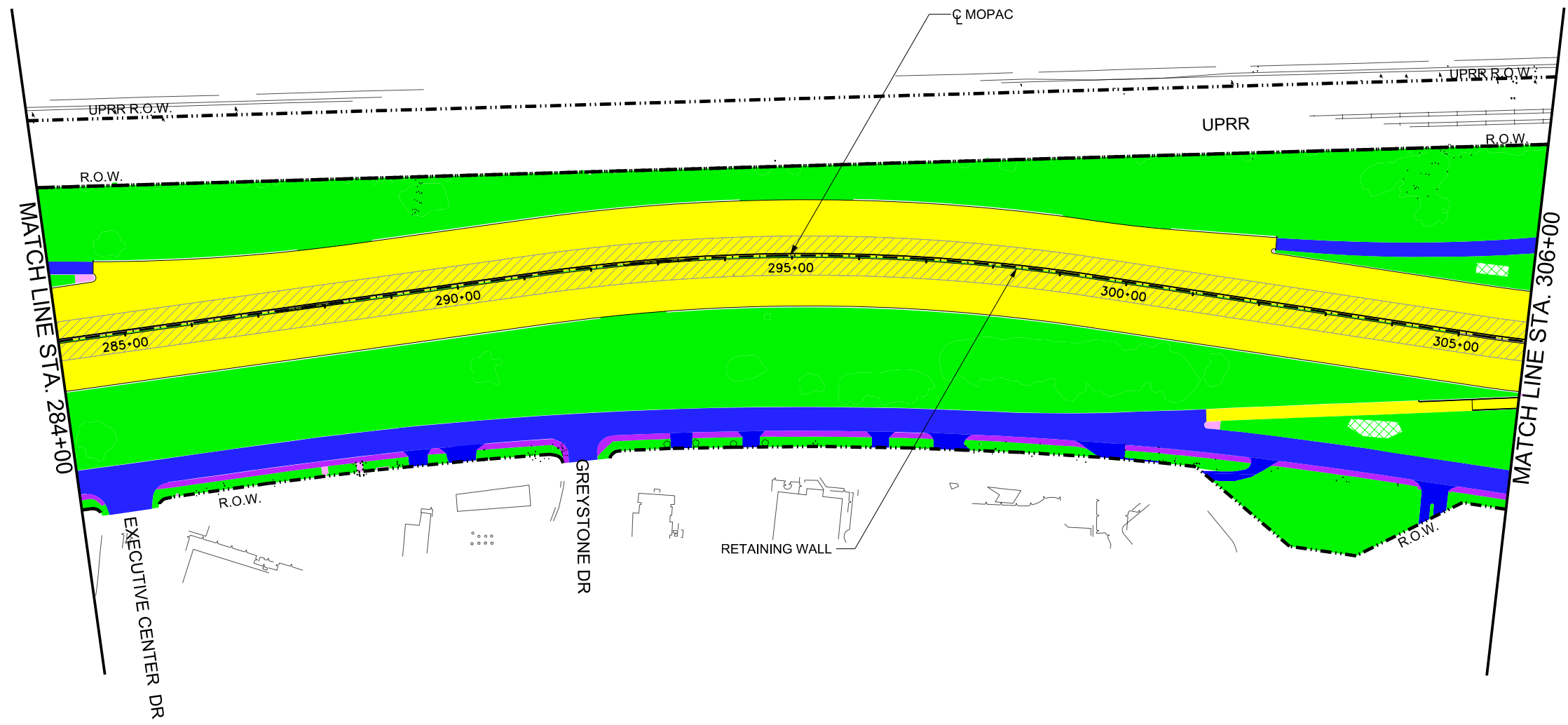


LEGEND

- MAIN LANE PAVEMENT (INCLUDING RAMPS)
- EXPRESS LANE PAVEMENT
- FRONTAGE ROAD/CROSS STREET PAVEMENT
- BRIDGES
- MOWING
- LANDSCAPING/PLANTING
- LANDSCAPE MOWING CO#3
- SIDEWALK/SHARED USE PATH
- WATER QUALITY POND
- ENVIRONMENTALLY SENSITIVE AREA
- CONCRETE OR STONE RIPRAP
- CREEKS/STREAMS
- SOUND WALLS

NOTES:

1. MAPS ARE BASED ON THE MOST CURRENT AVAILABLE DATA AND ARE SUBJECT TO CHANGE



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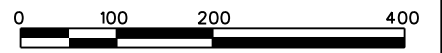
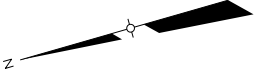
MAINTENANCE MAPS

MOPAC

STA. 284+00 TO STA. 306+00

SHEET 14 OF 29 SHEETS

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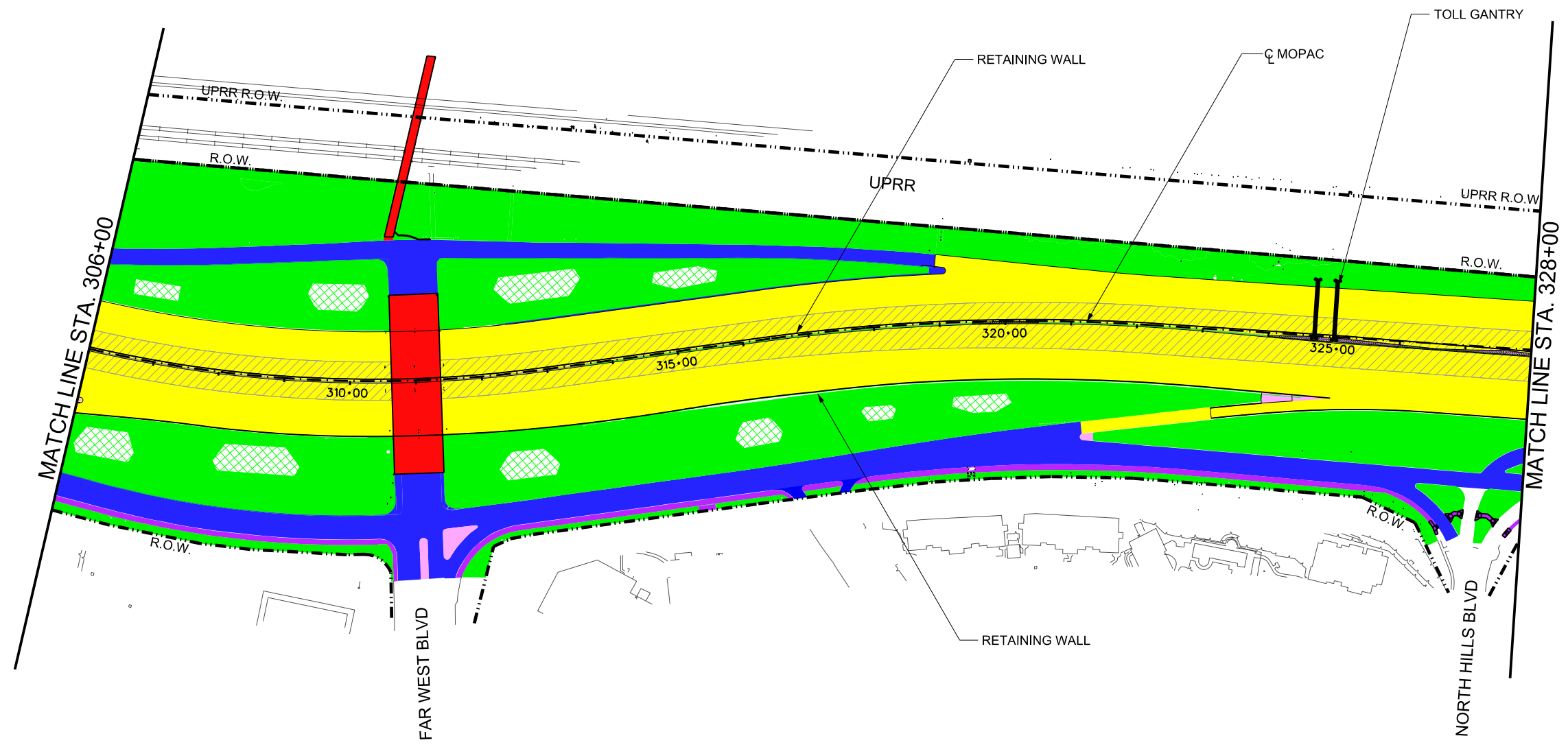


LEGEND

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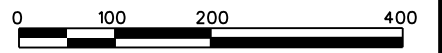
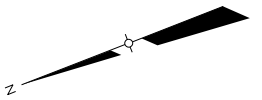
MAINTENANCE MAPS

MOPAC

STA. 306+00 TO STA. 328+00

SHEET 15 OF 29 SHEETS

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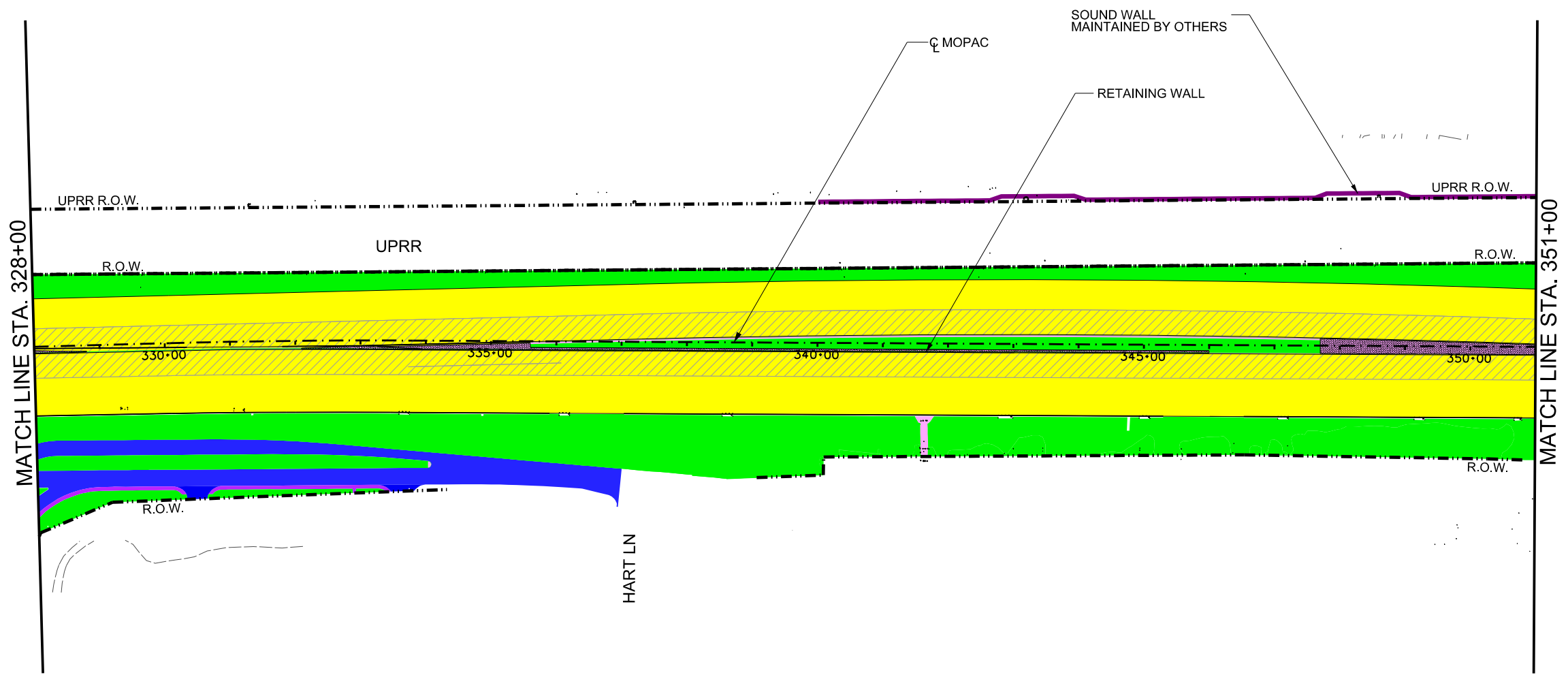


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NOTES:

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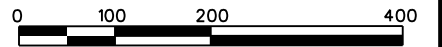
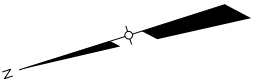
MAINTENANCE MAPS

MOPAC

STA. 328+00 TO STA. 351+00

SHEET 16 OF 29 SHEETS

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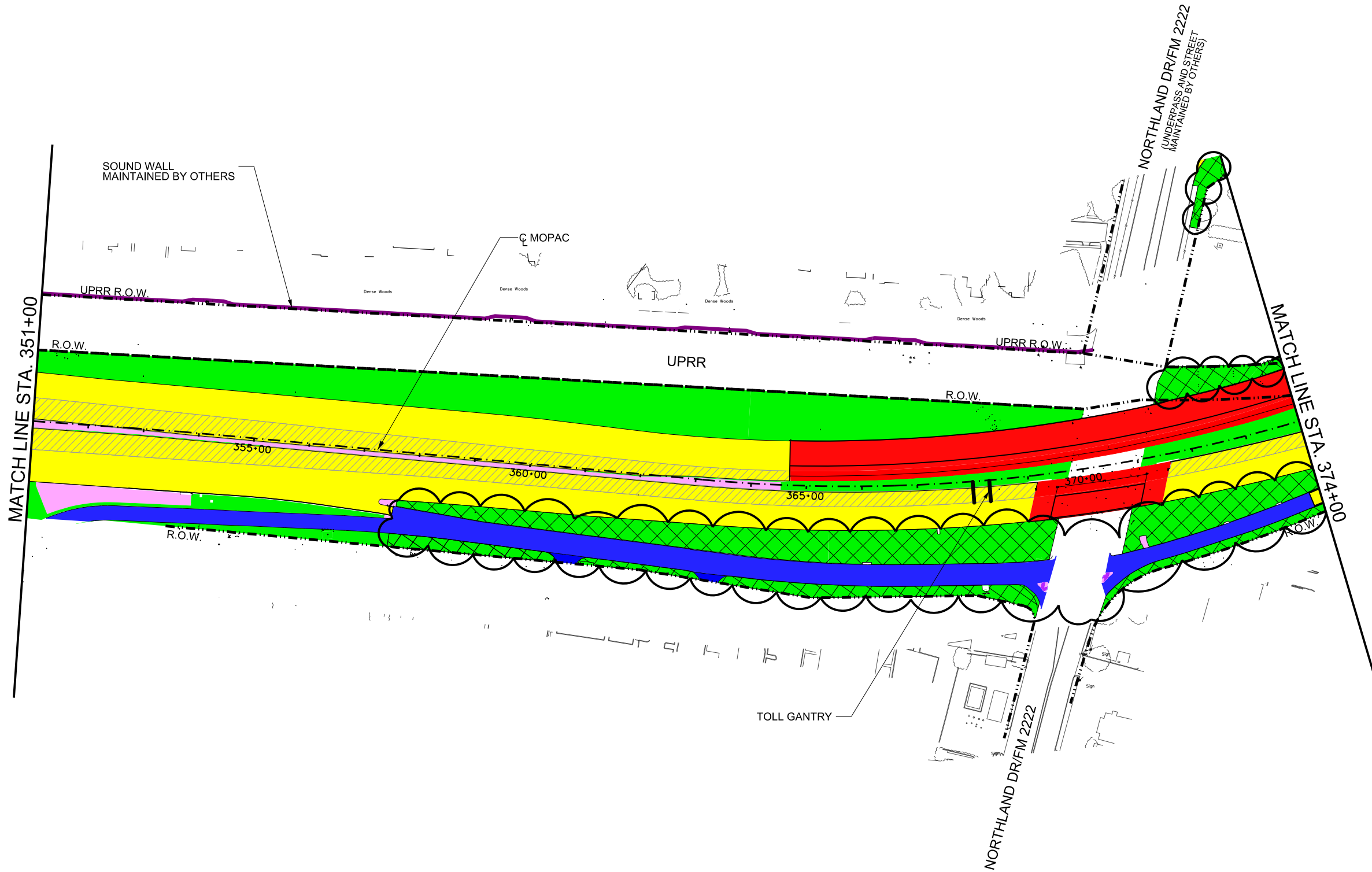
LEGEND

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CHANGE ORDER #3



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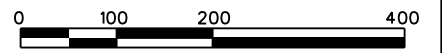
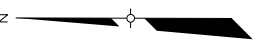
MAINTENANCE MAPS

MOPAC

STA. 351+00 TO STA. 374+00

SHEET 17 OF 29 SHEETS

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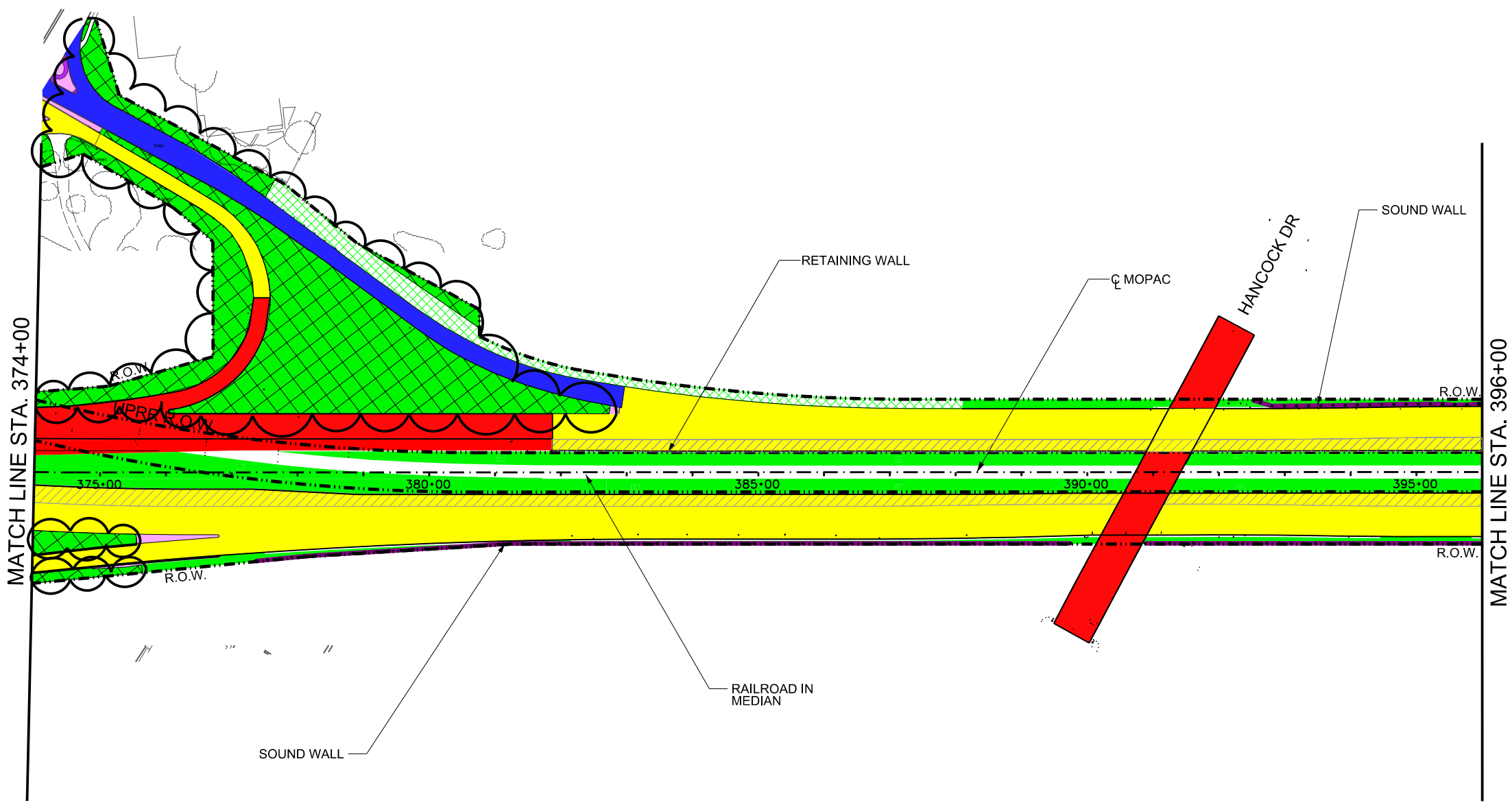
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CHANGE ORDER #3



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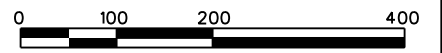
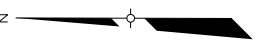
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MAINTENANCE MAPS

**MOPAC
STA. 374+00 TO STA. 396+00**

SHEET 18 OF 29 SHEETS

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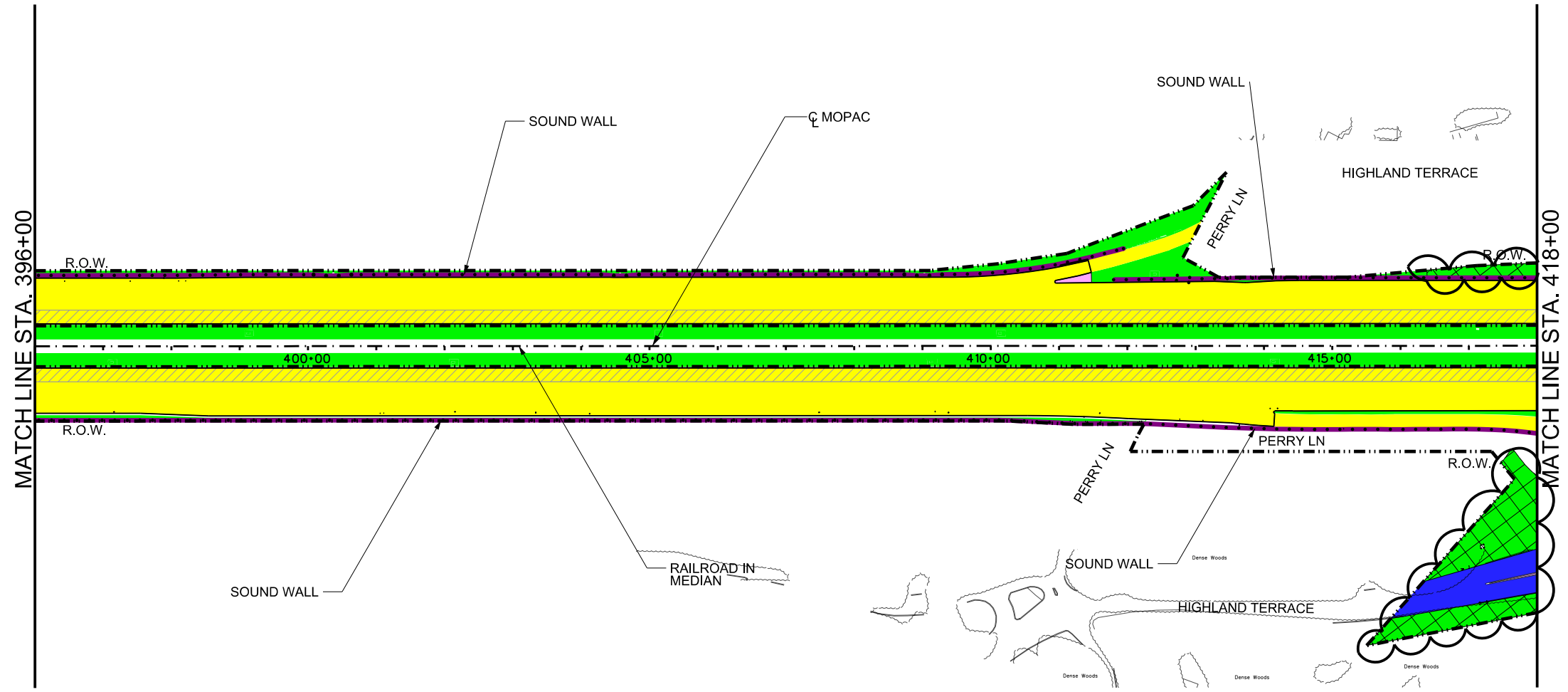
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CHANGE ORDER #3



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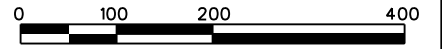
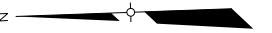
MAINTENANCE MAPS

MOPAC

STA. 396+00 TO STA. 418+00

SHEET 19 OF 29 SHEETS

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CHECKED BY:	CONT.	SECT.	JOB	HIGHWAY NO.
	XXXX	XX	XXX	VAR



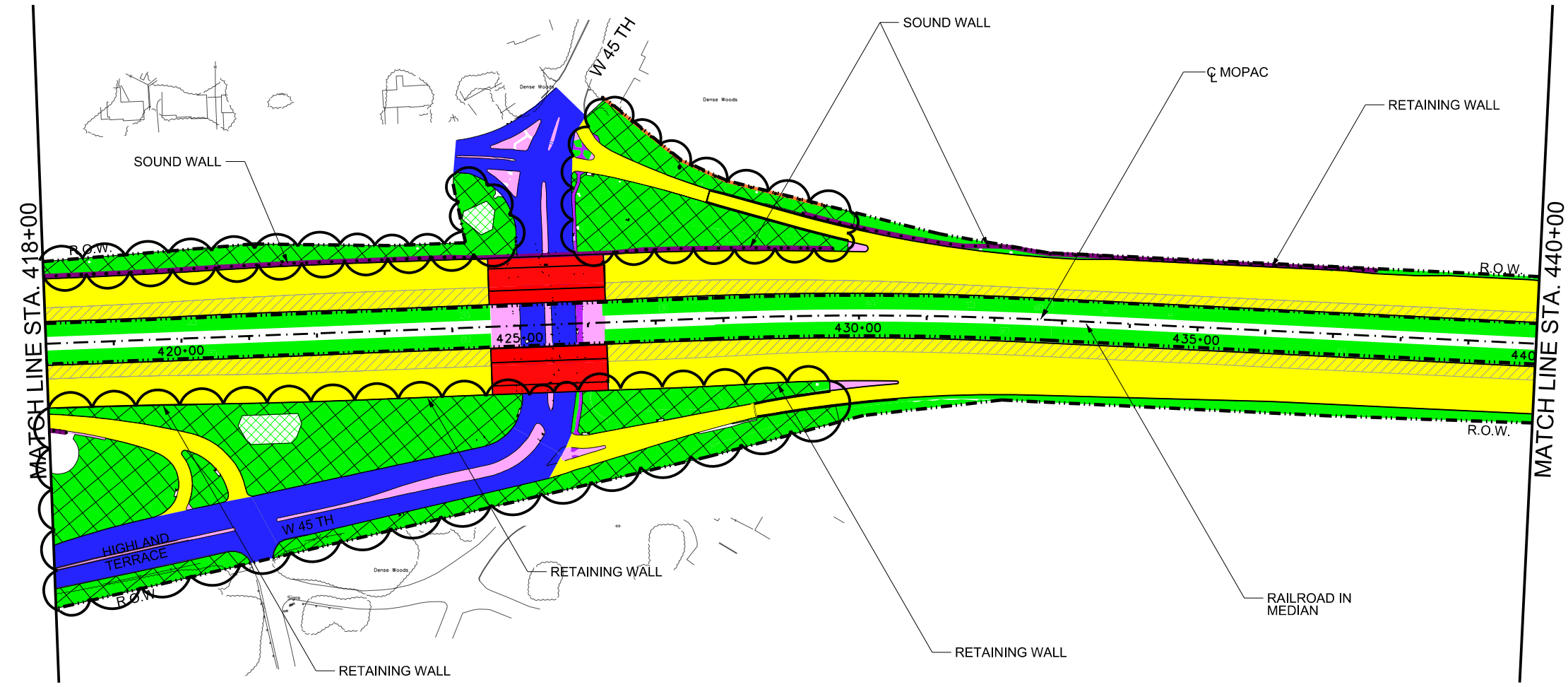
LEGEND

- MAIN LANE PAVEMENT (INCLUDING RAMPS)
- EXPRESS LANE PAVEMENT
- FRONTAGE ROAD/CROSS STREET PAVEMENT
- BRIDGES
- MOWING
- LANDSCAPING/PLANTING
- LANDSCAPE MOWING CO#3
- SIDEWALK/SHARED USE PATH
- WATER QUALITY POND
- ENVIRONMENTALLY SENSITIVE AREA
- CONCRETE OR STONE RIPRAP
- CREEKS/STREAMS
- SOUND WALLS

NOTES:

1. MAPS ARE BASED ON THE MOST CURRENT AVAILABLE DATA AND ARE SUBJECT TO CHANGE

CHANGE ORDER #3



DATE: 11/6/2018
TIME: 3:55:58 PM
FILE: ...Mopac CO3\MOPAC_PLN20_co3.dgn

**CENTRAL TEXAS
Regional Mobility Authority**

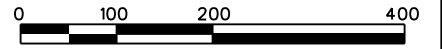
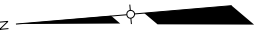
MAINTENANCE MAPS

MOPAC

STA. 418+00 TO STA. 440+00

SHEET 20 OF 29 SHEETS

DESIGNED BY:	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
				20
DRAWN BY:	STATE	DIST.	COUNTY	
	TEXAS	AUS	TRAVIS	
CHECKED BY:	CONT.	SECT.	JOB	HIGHWAY NO.
	XXXX	XX	XXX	VAR

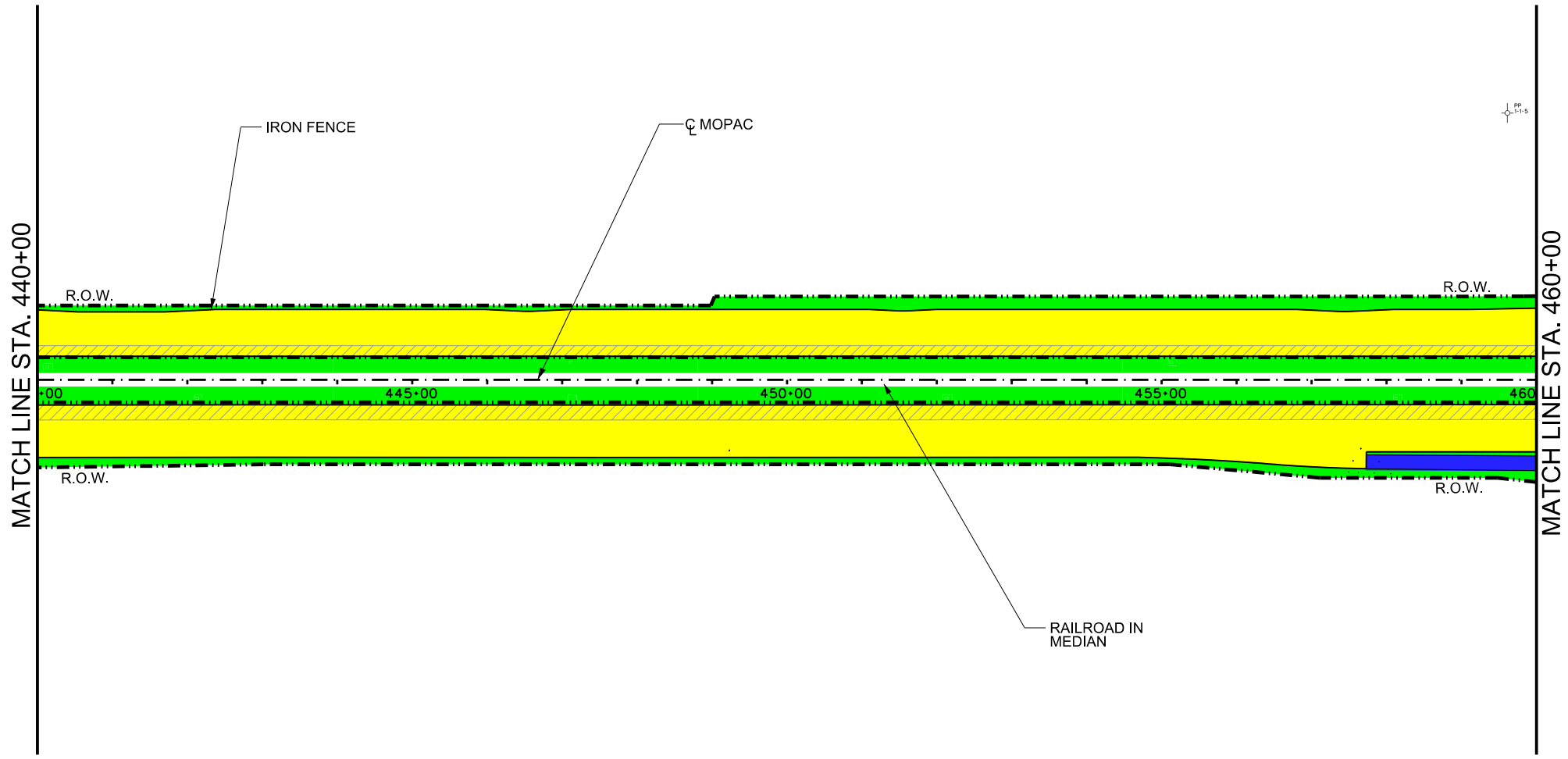


LEGEND

- MAIN LANE PAVEMENT (INCLUDING RAMP)
- EXPRESS LANE PAVEMENT
- FRONTAGE ROAD/CROSS STREET PAVEMENT
- BRIDGES
- MOWING
- LANDSCAPING/PLANTING
- LANDSCAPE MOWING CO#3
- SIDEWALK/SHARED USE PATH
- WATER QUALITY POND
- ENVIRONMENTALLY SENSITIVE AREA
- CONCRETE OR STONE RIPRAP
- CREEKS/STREAMS
- SOUND WALLS

NOTES:

1. MAPS ARE BASED ON THE MOST CURRENT AVAILABLE DATA AND ARE SUBJECT TO CHANGE



DATE: 11/6/2018
TIME: 3:56:05 PM
FILE: ...Mopac CO3\MOPAC_PLN21_co3.dgn



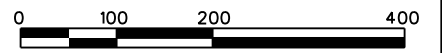
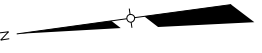
**CENTRAL TEXAS
Regional Mobility Authority**

MAINTENANCE MAPS

**MOPAC
STA. 440+00 TO STA. 460+00**

SHEET 21 OF 29 SHEETS

DESIGNED BY:	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
				21
DRAWN BY:	STATE	DIST.	COUNTY	
	TEXAS	AUS	TRAVIS	
CHECKED BY:	CONT.	SECT.	JOB	HIGHWAY NO.
	XXXX	XX	XXX	VAR



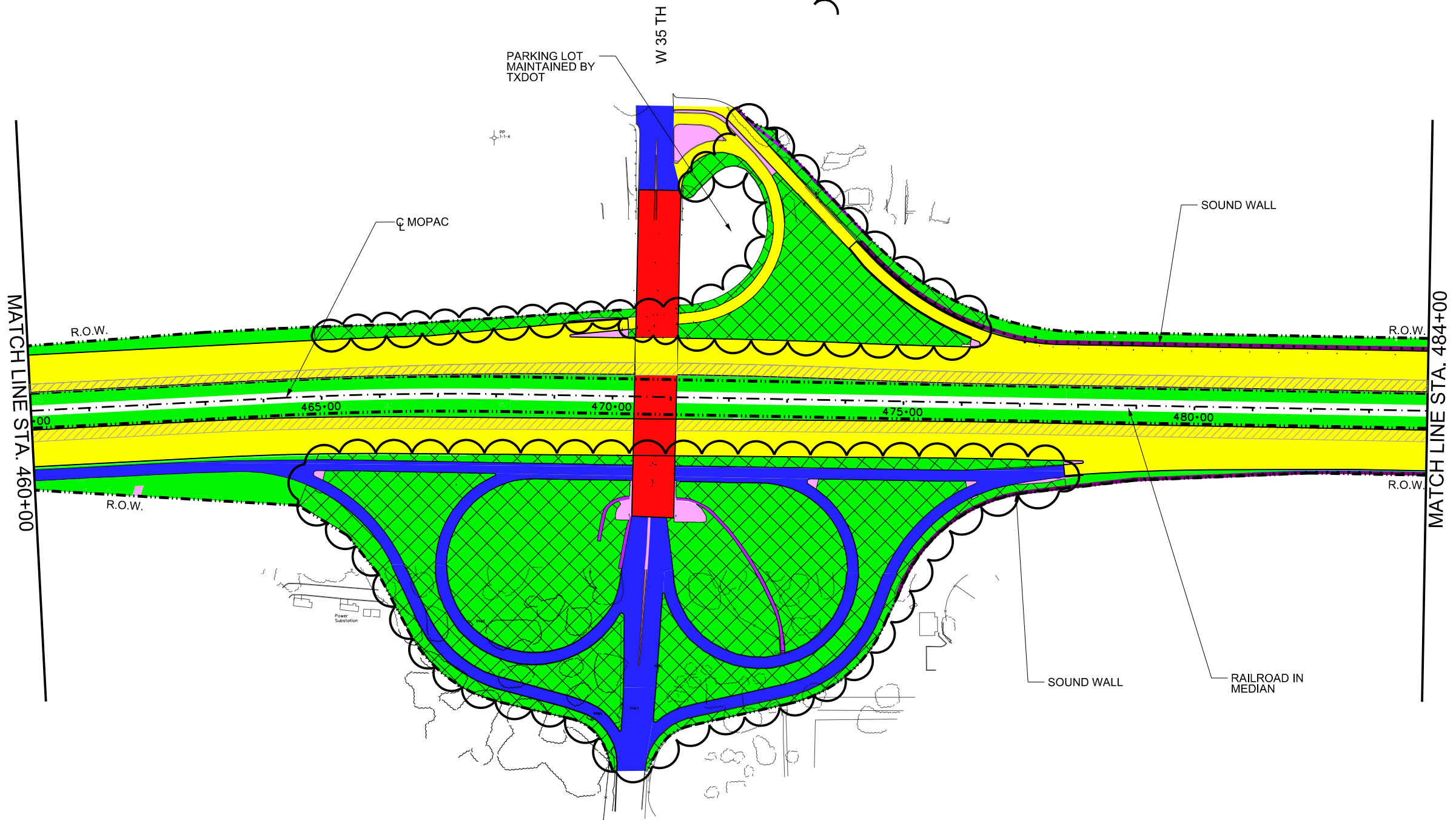
LEGEND

- MAIN LANE PAVEMENT (INCLUDING RAMPS)
- EXPRESS LANE PAVEMENT
- FRONTAGE ROAD/CROSS STREET PAVEMENT
- BRIDGES
- MOWING
- LANDSCAPING/PLANTING
- LANDSCAPE MOWING CO#3
- SIDEWALK/SHARED USE PATH
- WATER QUALITY POND
- ENVIRONMENTALLY SENSITIVE AREA
- CONCRETE OR STONE RIPRAP
- CREEKS/STREAMS
- SOUND WALLS

NOTES:

1. MAPS ARE BASED ON THE MOST CURRENT AVAILABLE DATA AND ARE SUBJECT TO CHANGE

CHANGE ORDER #3



DATE: 11/6/2018
TIME: 3:56:17 PM
FILE: ...Mopac CO3\MOPAC_PLN22_co3.dgn

**CENTRAL TEXAS
Regional Mobility Authority**

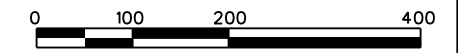
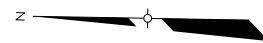
MAINTENANCE MAPS

MOPAC

STA. 460+00 TO STA. 484+00

SHEET 22 OF 29 SHEETS

DESIGNED BY:	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
				22
DRAWN BY:	STATE	DIST.	COUNTY	
	TEXAS	AUS	TRAVIS	
CHECKED BY:	CONT.	SECT.	JOB	HIGHWAY NO.
	XXXX	XX	XXX	VAR

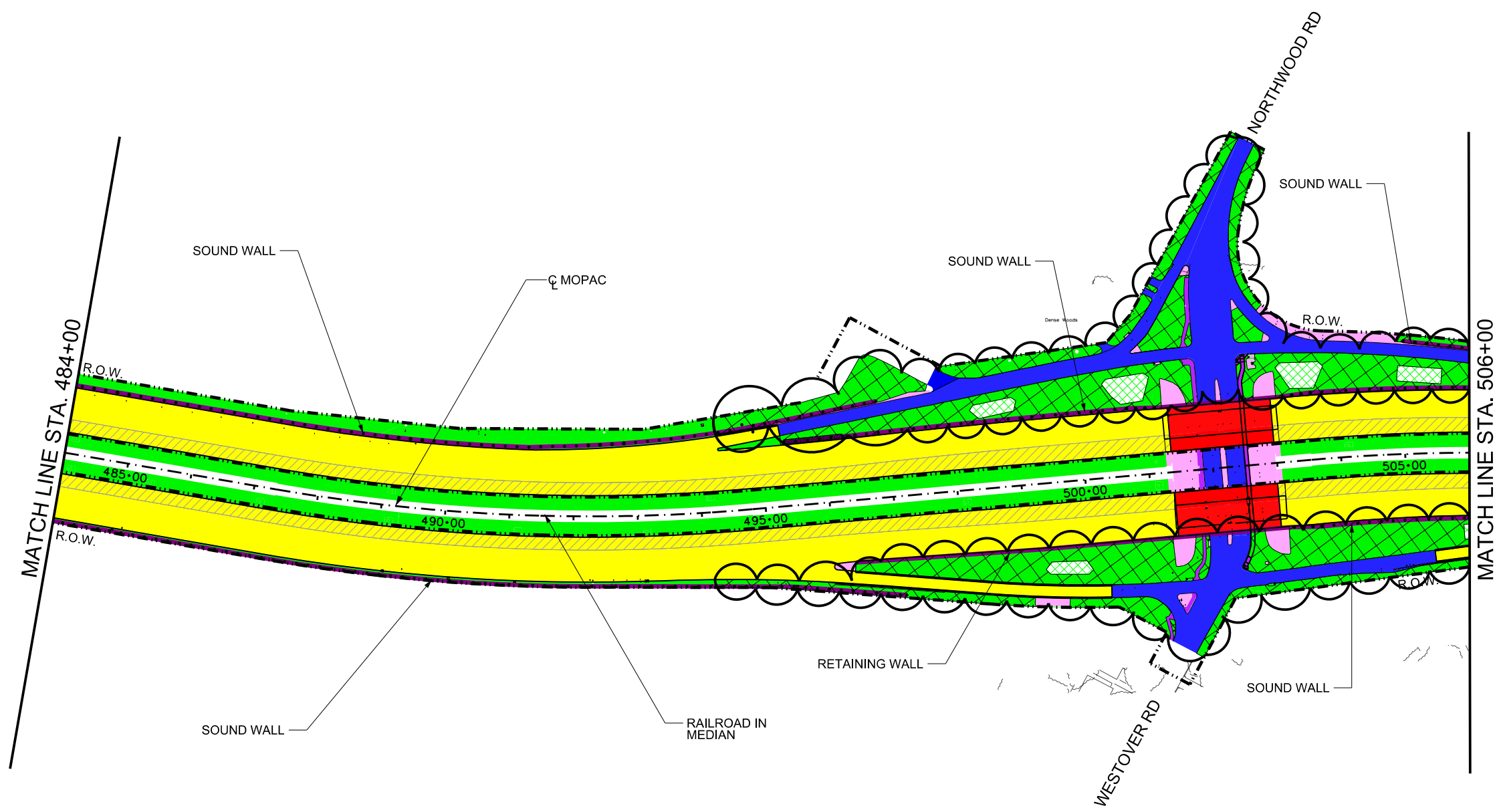


LEGEND

- MAIN LANE PAVEMENT (INCLUDING RAMPS)
- EXPRESS LANE PAVEMENT
- FRONTAGE ROAD/CROSS STREET PAVEMENT
- BRIDGES
- MOWING
- LANDSCAPING/PLANTING
- LANDSCAPE MOWING CO#3
- SIDEWALK/SHARED USE PATH
- WATER QUALITY POND
- ENVIRONMENTALLY SENSITIVE AREA
- CONCRETE OR STONE RIPRAP
- CREEKS/STREAMS
- SOUND WALLS

NOTES:

1. MAPS ARE BASED ON THE MOST CURRENT AVAILABLE DATA AND ARE SUBJECT TO CHANGE
- CHANGE ORDER #3



DATE: 11/6/2018
 TIME: 3:56:24 PM
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**CENTRAL TEXAS
Regional Mobility Authority**

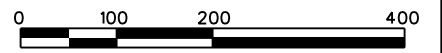
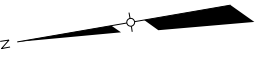
MAINTENANCE MAPS

MOPAC

STA. 484+00 TO STA. 506+00

SHEET 23 OF 29 SHEETS

DESIGNED BY:	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
				23
DRAWN BY:	STATE	DIST.	COUNTY	
	TEXAS	AUS	TRAVIS	
CHECKED BY:	CONT.	SECT.	JOB	HIGHWAY NO.
	XXXX	XX	XXX	VAR

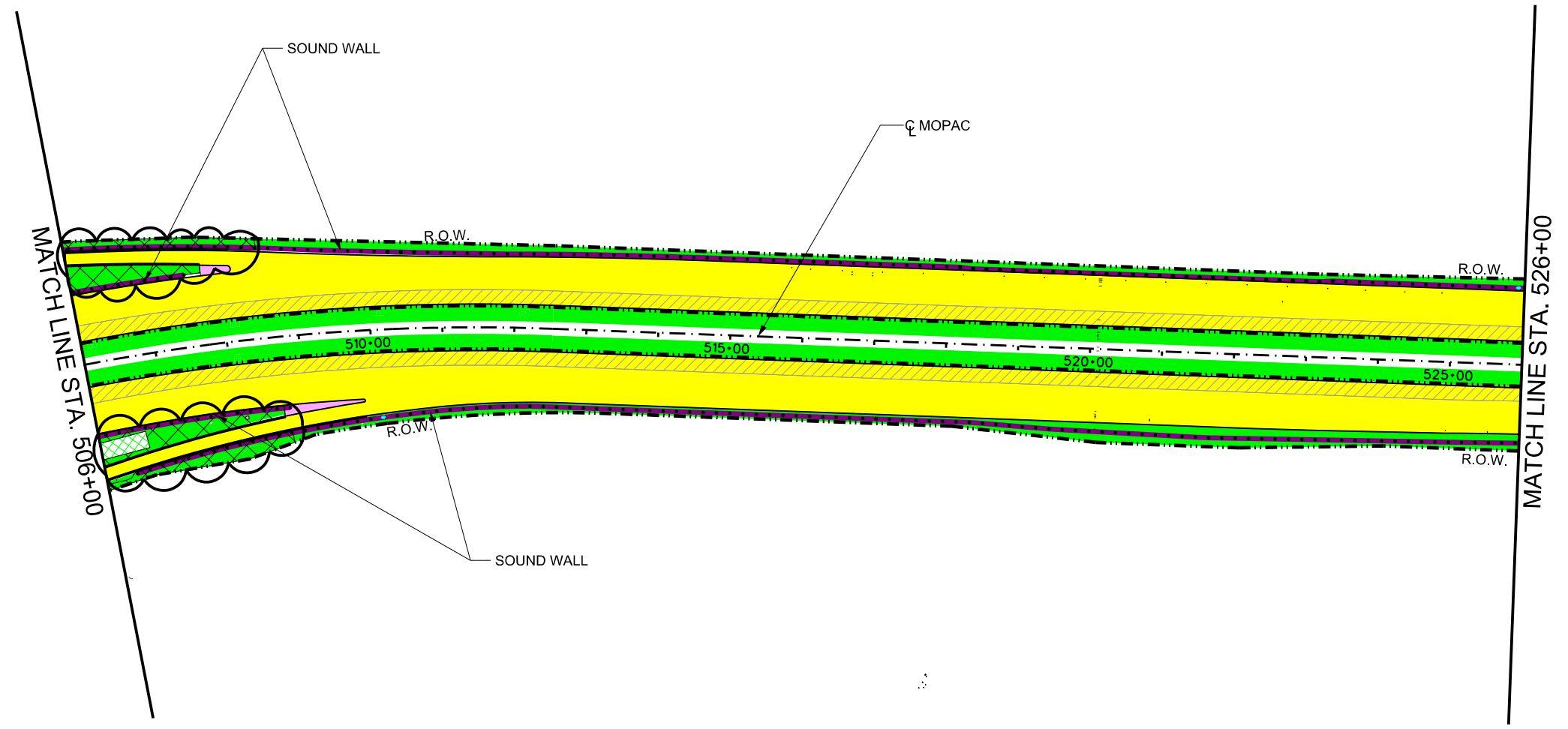


LEGEND

- MAIN LANE PAVEMENT (INCLUDING RAMPS)
- EXPRESS LANE PAVEMENT
- FRONTAGE ROAD/CROSS STREET PAVEMENT
- BRIDGES
- MOWING
- LANDSCAPING/PLANTING
- LANDSCAPE MOWING CO#3
- SIDEWALK/SHARED USE PATH
- WATER QUALITY POND
- ENVIRONMENTALLY SENSITIVE AREA
- CONCRETE OR STONE RIPRAP
- CREEKS/STREAMS
- SOUND WALLS

NOTES:

1. MAPS ARE BASED ON THE MOST CURRENT AVAILABLE DATA AND ARE SUBJECT TO CHANGE
- CHANGE ORDER #3



DATE: 11/6/2018
 TIME: 3:56:34 PM
 FILE: ...Mopac CO3\MOPAC_PLN24_co3.dgn

**CENTRAL TEXAS
Regional Mobility Authority**

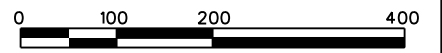
MAINTENANCE MAPS

MOPAC

STA. 506+00 TO STA. 526+00

SHEET 24 OF 29 SHEETS

DESIGNED BY:	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
				24
DRAWN BY:	STATE	DIST.	COUNTY	
	TEXAS	AUS	TRAVIS	
CHECKED BY:	CONT.	SECT.	JOB	HIGHWAY NO.
	XXXX	XX	XXX	VAR

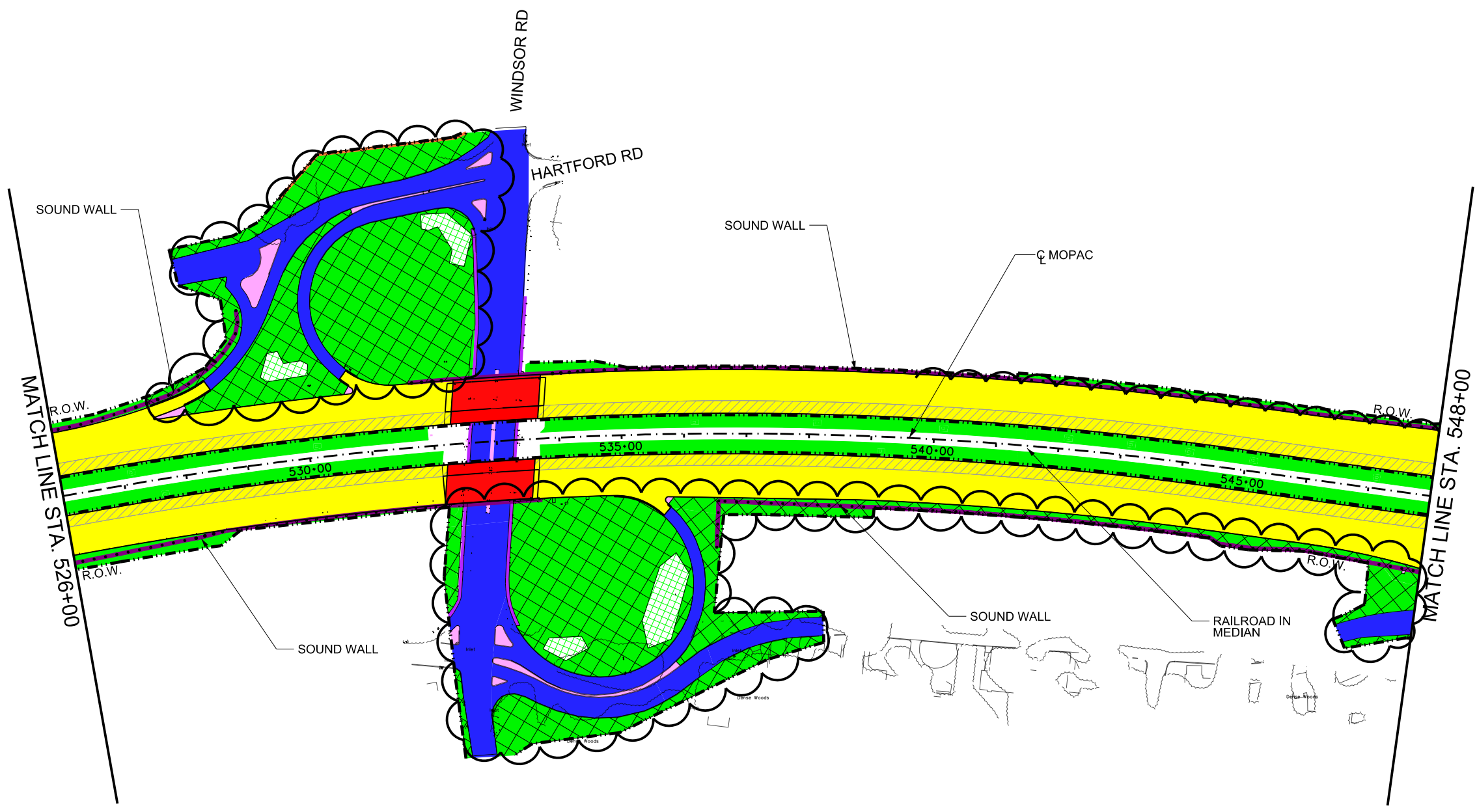


LEGEND

- MAIN LANE PAVEMENT (INCLUDING RAMP)
- EXPRESS LANE PAVEMENT
- FRONTAGE ROAD/CROSS STREET PAVEMENT
- BRIDGES
- MOWING
- LANDSCAPING/PLANTING
- LANDSCAPE MOWING CO#3
- SIDEWALK/SHARED USE PATH
- WATER QUALITY POND
- ENVIRONMENTALLY SENSITIVE AREA
- CONCRETE OR STONE RIPRAP
- CREEKS/STREAMS
- SOUND WALLS

NOTES:

1. MAPS ARE BASED ON THE MOST CURRENT AVAILABLE DATA AND ARE SUBJECT TO CHANGE
- CHANGE ORDER #3



DATE: 11/6/2018
 TIME: 3:56:52 PM
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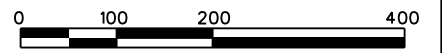
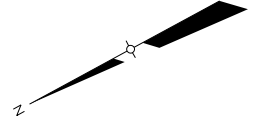
**CENTRAL TEXAS
Regional Mobility Authority**

MAINTENANCE MAPS

**MOPAC
STA. 526+00 TO STA. 548+00**

SHEET 25 OF 29 SHEETS

DESIGNED BY:	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
				25
DRAWN BY:	STATE	DIST.	COUNTY	
	TEXAS	AUS	TRAVIS	
CHECKED BY:	CONT.	SECT.	JOB	HIGHWAY NO.
	XXXX	XX	XXX	VAR



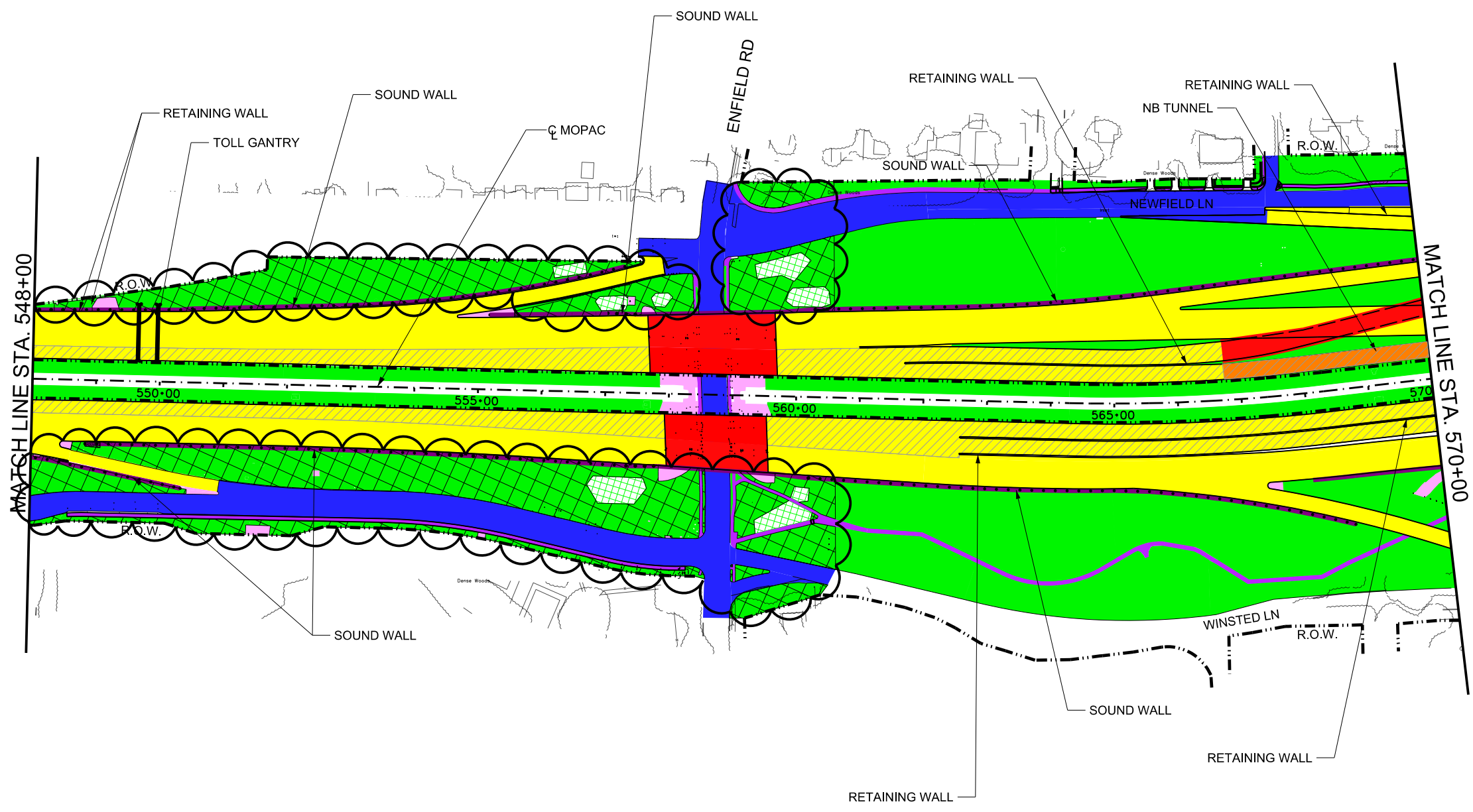
LEGEND

- MAIN LANE PAVEMENT (INCLUDING RAMPS)
- EXPRESS LANE PAVEMENT
- FRONTAGE ROAD/CROSS STREET PAVEMENT
- BRIDGES
- MOWING
- LANDSCAPING/PLANTING
- LANDSCAPE MOWING CO#3
- SIDEWALK/SHARED USE PATH
- WATER QUALITY POND
- ENVIRONMENTALLY SENSITIVE AREA
- CONCRETE OR STONE RIPRAP
- CREEKS/STREAMS
- SOUND WALLS
- TUNNEL

NOTES:

1. MAPS ARE BASED ON THE MOST CURRENT AVAILABLE DATA AND ARE SUBJECT TO CHANGE
1. MAPS ARE BASED ON THE MOST CURRENT AVAILABLE DATA AND ARE SUBJECT TO CHANGE

CHANGE ORDER #3



DATE: 11/6/2018
 TIME: 3:57:02 PM
 FILE: ...Mopac CO3\MOPAC_PLN26_co3.dgn

**CENTRAL TEXAS
Regional Mobility Authority**

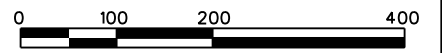
MAINTENANCE MAPS

MOPAC

STA. 548+00 TO STA. 570+00

SHEET 26 OF 29 SHEETS

DESIGNED BY:	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
				26
DRAWN BY:	STATE	DIST.	COUNTY	
	TEXAS	AUS	TRAVIS	
CHECKED BY:	CONT.	SECT.	JOB	HIGHWAY NO.
	XXXX	XX	XXX	VAR

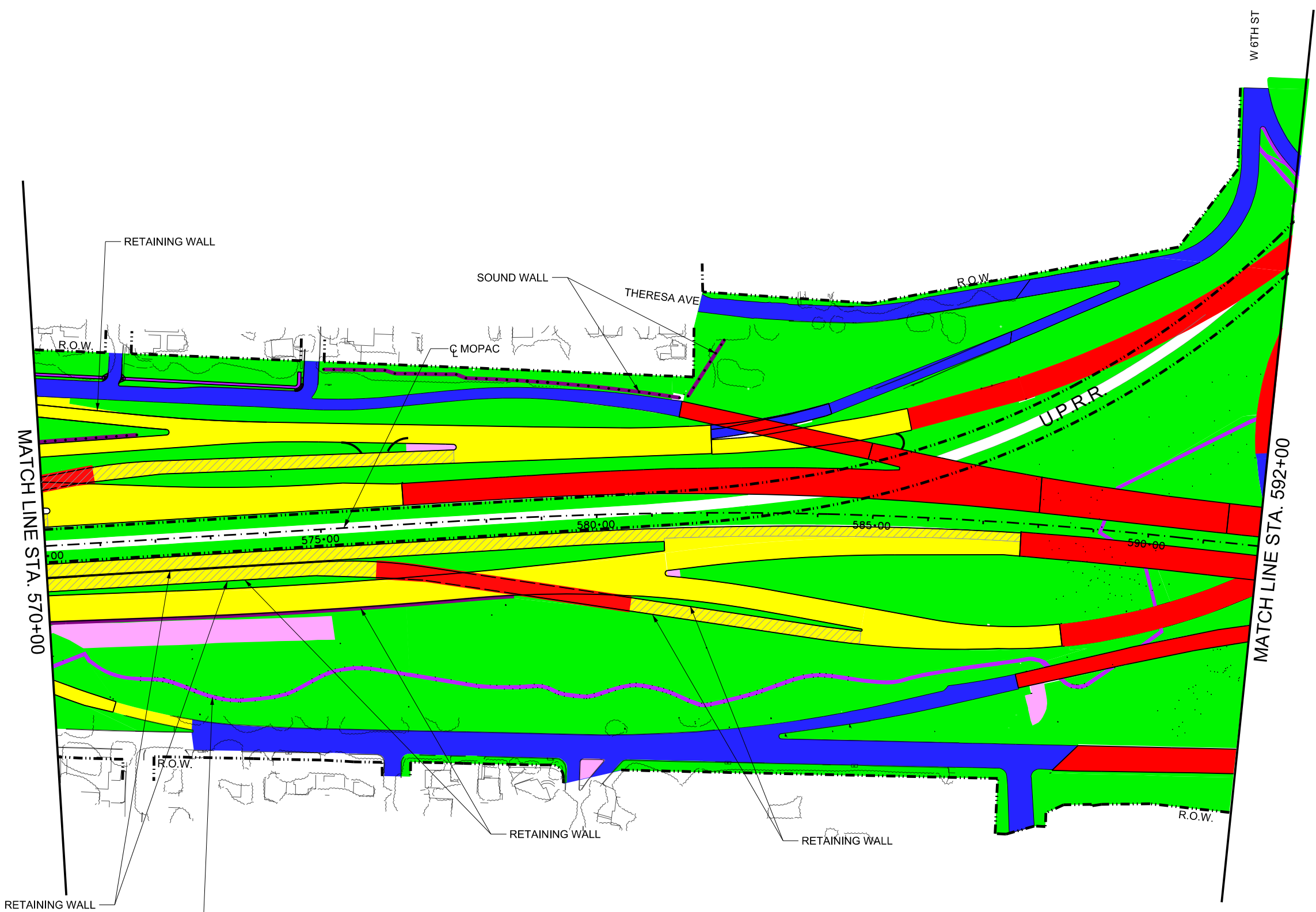


LEGEND

- MAIN LANE PAVEMENT (INCLUDING RAMPS)
- EXPRESS LANE PAVEMENT
- FRONTAGE ROAD/CROSS STREET PAVEMENT
- BRIDGES
- MOWING
- LANDSCAPING/PLANTING
- LANDSCAPE MOWING CO#3
- SIDEWALK/SHARED USE PATH
- WATER QUALITY POND
- ENVIRONMENTALLY SENSITIVE AREA
- CONCRETE OR STONE RIPRAP
- CREEKS/STREAMS
- SOUND WALLS

NOTES:

1. MAPS ARE BASED ON THE MOST CURRENT AVAILABLE DATA AND ARE SUBJECT TO CHANGE



DATE: 11/6/2018
 TIME: 3:57:12 PM
 FILE: ...Mopac CO3\MOPAC_PLN27_co3.dgn

**CENTRAL TEXAS
Regional Mobility Authority**

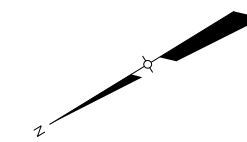
MAINTENANCE MAPS

 MOPAC
 STA 570+00 TO STA 592+00

SHEET 27 OF 29 SHEETS

DESIGNED BY:	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
				27
DRAWN BY:	STATE	DIST.	COUNTY	
	TEXAS	AUS	TRAVIS	
CHECKED BY:	CONT.	SECT.	JOB	HIGHWAY NO.
	XXXX	XX	XXX	VAR

MATCHLINE "C" CESAR CHAVEZ SHEET 1

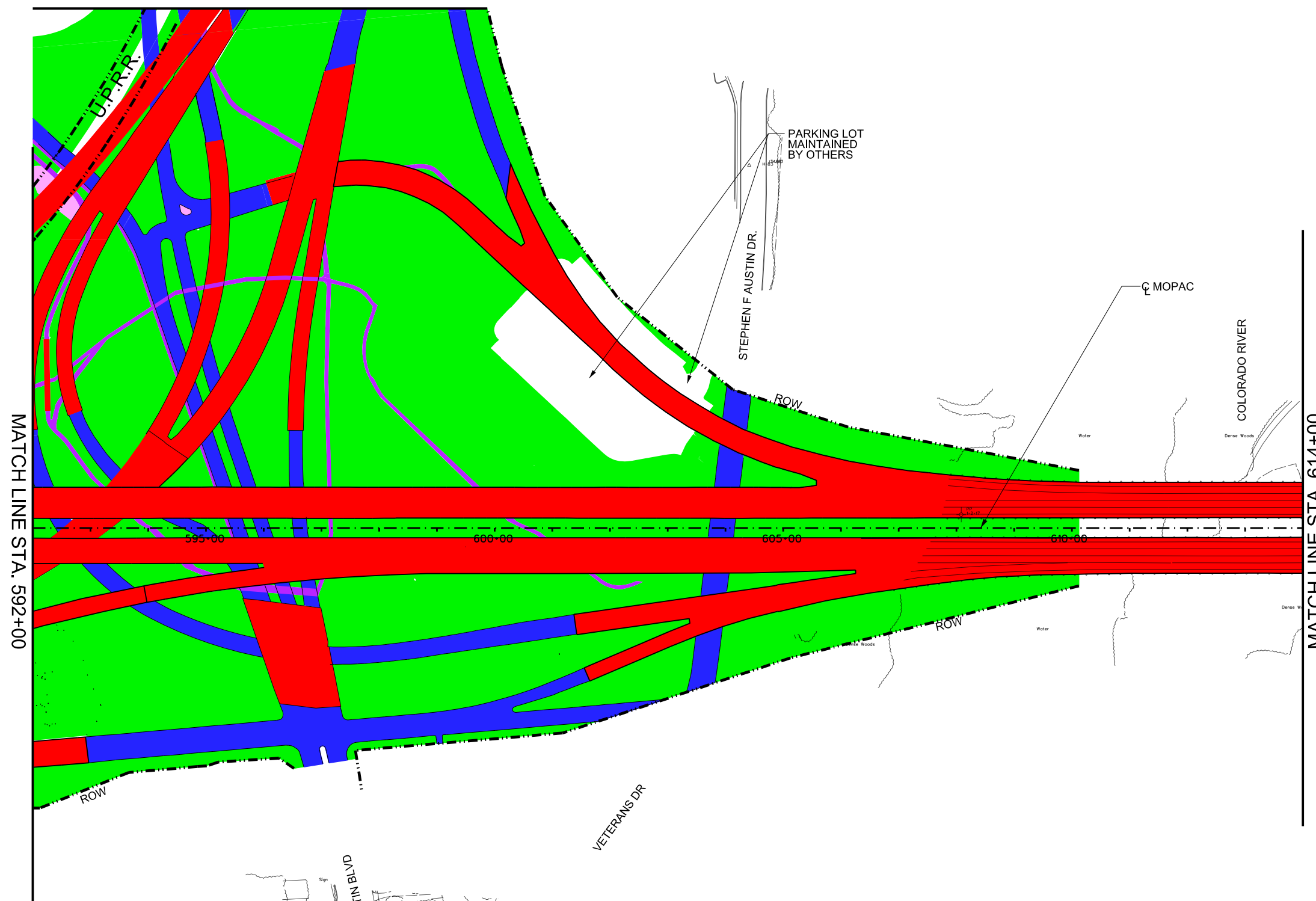


LEGEND

- MAIN LANE PAVEMENT (INCLUDING RAMPS)
- EXPRESS LANE PAVEMENT
- FRONTAGE ROAD/CROSS STREET PAVEMENT
- BRIDGES
- MOWING
- LANDSCAPING/PLANTING
- LANDSCAPE MOWING CO#3
- SIDEWALK/SHARED USE PATH
- WATER QUALITY POND
- ENVIRONMENTALLY SENSITIVE AREA
- CONCRETE OR STONE RIPRAP
- CREEKS/STREAMS
- SOUND WALLS

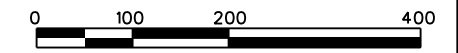
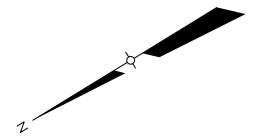
NOTES:

1. MAPS ARE BASED ON THE MOST CURRENT AVAILABLE DATA AND ARE SUBJECT TO CHANGE



DATE: 11/6/2018
 TIME: 3:57:21 PM
 FILE: ...Mopac CO3\MOPAC_PLN28_co3.dgn

CENTRAL TEXAS Regional Mobility Authority				
MAINTENANCE MAPS				
MOPAC STA 592+00 TO STA 614+00				
SHEET 28 OF 29 SHEETS				
DESIGNED BY:	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		SHEET NO.
				28
DRAWN BY:	STATE	DIST.	COUNTY	
	TEXAS	AUS	TRAVIS	
CHECKED BY:	CONT.	SECT.	JOB	HIGHWAY NO.
	XXXX	XX	XXX	VAR

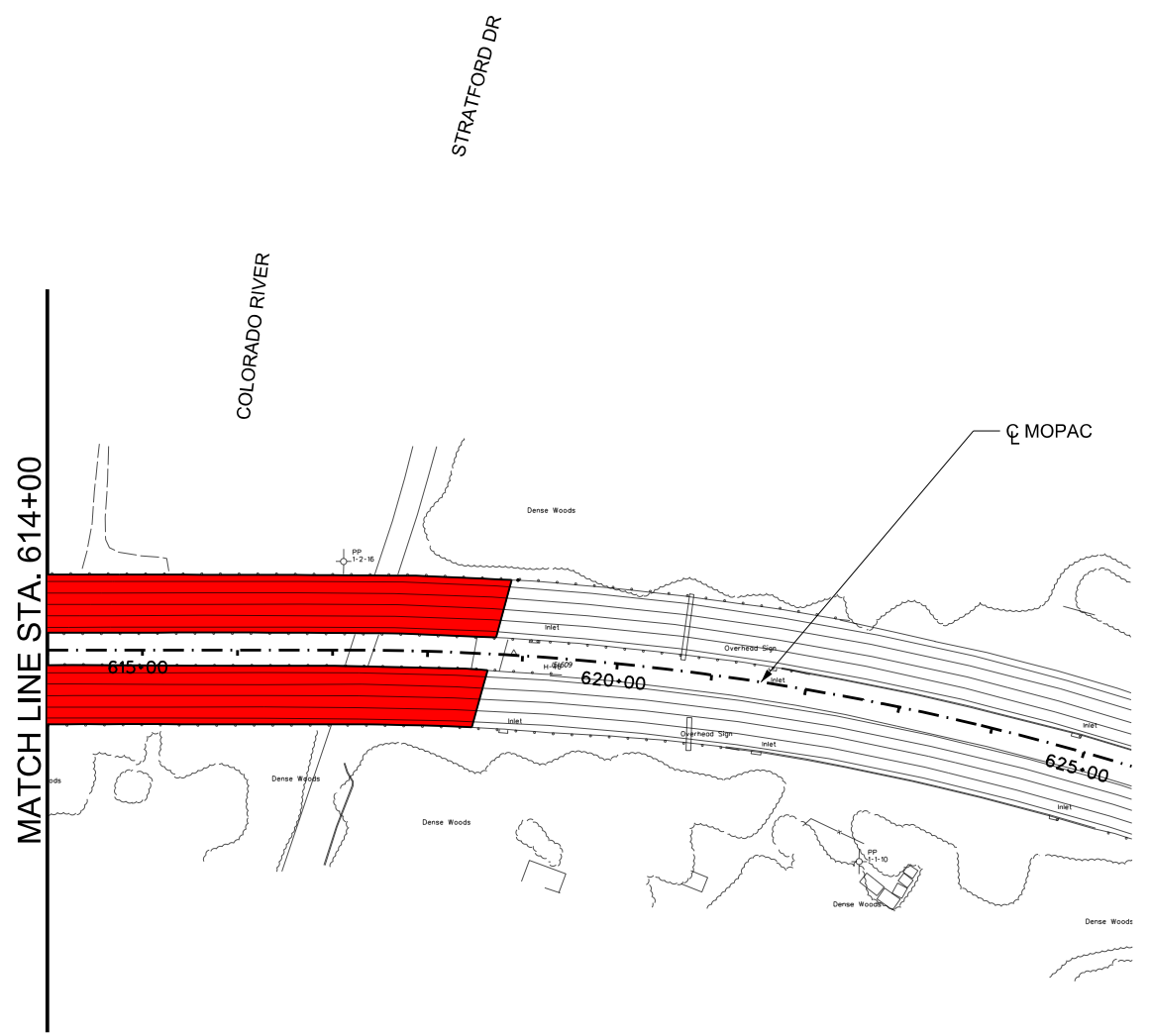


LEGEND

- MAIN LANE PAVEMENT (INCLUDING RAMP)
- EXPRESS LANE PAVEMENT
- FRONTAGE ROAD/CROSS STREET PAVEMENT
- BRIDGES
- MOWING
- LANDSCAPING/PLANTING
- LANDSCAPE MOWING CO#3
- SIDEWALK/SHARED USE PATH
- WATER QUALITY POND
- ENVIRONMENTALLY SENSITIVE AREA
- CONCRETE OR STONE RIPRAP
- CREEKS/STREAMS
- SOUND WALLS

NOTES:

1. ALL ADVANCE SIGNS RELATED TO THE TOLL FACILITY ARE INCLUDED IN THE MAINTENANCE EXCLUDING SUPPORTS AND TRUSSES
2. MAPS ARE BASED ON THE MOST CURRENT AVAILABLE DATA AND ARE SUBJECT TO CHANGE



DATE: 11/6/2018
 TIME: 3:57:29 PM
 FILE: ...Mopac CO3\MOPAC_PLN29_co3.dgn

CENTRAL TEXAS Regional Mobility Authority			
MAINTENANCE MAPS			
MOPAC STA. 614+00 TO END			
SHEET 29 OF 29 SHEETS			
DESIGNED BY:	FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.	SHEET NO. 29
DRAWN BY:	STATE TEXAS	DIST. AUS	COUNTY TRAVIS
CHECKED BY:	CONT. XXXX	SECT. XX	JOB XXX HIGHWAY NO. VAR