ATTACHMENT 1: PERFORMANCE AND MEASUREMENT TABLE

MAINTENANCE ELEMENT CATEGORY	REF	MAINTAINED ELEMENT	PERFORMANCE OBJECTIVE	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	REF	MEASUREMENT RECORD	TARGET
				Cat 1	Cat 1	Cat 2				
				Hazard Mitigation	Permanent Remedy	Permanent Repair				
1) PAVEMENT										
							Unless stated otherwise, measurements shall be conducted using procedures, techniques, and measuring equipment consistent with TxDOT's Pavement Management Information System Rater's Manual. Unless otherwise stated, pavement performance measurement records relate to 0.1-mile sections as described in the Pavement Management Information System Rater's Manual.			
	1.1	Ruts	All roadways are free from surface depressions in wheel path exceeding measurement record thresholds.	24 hours	28 days	6 months	a. Depth as measured using an automated device in compliance with TxDOT Standards.	1.1.1	Percentage of wheel path length with ruts greater than 1/4" in depth in each Performance Section. • Mainlanes, shoulders, and ramps - less than or equal to 3% • Cross streets - less than or equal to 3% • Frontage roads - less than or equal to 10%	100%
							b. 10-ft straight edge used to measure rut depth for localized areas.	1.1.2	No depth of rut at any location greater than 1/2".	100%
	1.2	Ride quality	All roadways have a smooth surface course (including bridge deck approaches, covers, gratings, frames and boxes).	24 hours	28 days	6 months	a. Measurement of International Roughness Index (IRI) according to TxDOT standard Tex-1001-S, Operating Inertial Profilers and Evaluating Pavement Profiles.	1.2.1	For 100% of all Performance Sections measured excluding Performance Sections with bridge deck and/or bridge approach slab, average IRI is less than or equal to: • Mainlanes, ramps - 95" per mile • Cross Streets - 95" per mile • Frontage roads - 105" per mile	100%
							b. 10-ft straightedge used to measure discontinuities for localized areas.	1.2.2	For 100% of all Performance Sections measured in localized areas, excluding bridge decks and the 100' length of pavement on either side of the bridge decks, maximum 1/8" variation of the pavement surface from the testing edge of the straightedge between any two straightedge contact points with the pavement surface.	100%
								1.2.3	For 100% of all Performance Sections that include a bridge deck and/or bridge approach slab, maximum 1/4" variation of the pavement surface from the testing edge of the straightedge between any two straightedge contact points with the pavement surface, measured at any location within the 100 feet length of pavement on either side of the bridge deck. For clarification this measurement shall allow one contact point of the straightedge on the traveled surface supported by the structure	100%

MAINTENANCE ELEMENT CATEGORY	REF	MAINTAINED ELEMENT	PERFORMANCE OBJECTIVE	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	REF	MEASUREMENT RECORD	TARGET
				Cat 1	Cat 1	Cat 2				
				Hazard Mitigation	Permanent Remedy	Permanent Repair				
									and the other contact point on the pavement approach to the structure.	
							a. Measurement of International Roughness Index (IRI) according to TxDOT standard Tex-1001-S, Operating Inertial Profilers and Evaluating Pavement Profiles.	1.2.4	For 100% of all mainlane Performance Sections that include a bridge deck and/or bridge approach slab, excluding the IRI profile lengths on bridge deck and the 100 feet of pavement on either side of the bridge deck, average IRI for each Performance Section is less than or equal to 95" per mile.	100%
								1.2.5	For 100% of all Performance Sections, no localized roughness deviations calculated in accordance with the method set forth in Section 7 of TEX-1001-S exceeding 0.15” or less than -0.15” (positive deviations are bumps and negative deviations are dips).	100%
	1.3	Cracking	All roadways are free from cracking exceeding measurement record thresholds.	24 hours	28 days	6 months	Physical measurement	1.3.1	No unsealed longitudinal cracking and/or transverse cracking in any Performance Section with a width greater than 1/8" measured at any point throughout the width of the pavement.	100%
	1.4	Raveling	All roadways are free from raveling exceeding measurement record thresholds.	24 hours	28 days	6 months	Physical measurement	1.4.1	No areas of raveling exceeding 1% of pavement surface area in any Performance Section.	100%
	1.5	Flushing / bleeding	All roadways are free from flushing / bleeding exceeding measurement record thresholds.	24 hours	28 days	6 months	Physical measurement	1.5.1	No areas of flushing / bleeding exceeding 2% of wheel path surface area in any Performance Section.	100%
	1.6	Failures	All roadways are free from failures.	24 hours	28 days	N/A	Physical measurement	1.6.1	No failures exceeding the failure criteria set forth in the TxDOT PMIS Rater’s Manual, including potholes, base failures, punchouts and jointed concrete pavement failures.	100%
	1.7	Edge drop-offs	All roadways are free from edge drop-offs exceeding measurement record thresholds.	24 hours	28 days	6 months	Physical measurement	1.7.1	No edge drop-off greater than 2".	100%
	1.8	Wet weather crash performance	All roadways have adequate wet weather crash performance.	24 hours	28 days	6 months	Number of crashes within 1.0 mile performance sections identified using Crash Record Information System (CRIS) data.	1.8.1	Perform a site investigation and corrective action as follows: Rural Roadway Section (population less than 5,000 as determined by the most current population estimates provided by the State Data Center) - three (3) or more wet surface crashes within any 1.0 mile performance section in the most current complete calendar year. Urban Roadway Section (population greater than or equal to 5,000 as determined by the most current population estimates provided by	100%

MAINTENANCE ELEMENT CATEGORY	REF	MAINTAINED ELEMENT	PERFORMANCE OBJECTIVE	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	REF	MEASUREMENT RECORD	TARGET
				Cat 1	Cat 1	Cat 2				
				Hazard Mitigation	Permanent Remedy	Permanent Repair				
									the State Data Center) - six (6) or more wet surface crashes within any 1.0 mile performance section in the most current complete calendar year.	
			Road users warned of potential skidding hazards.	24 hours	28 days	N/A	Visual inspection	1.8.2	Road Users warned of potential skidding hazard where a requirement for corrective action is identified.	100%
	1.9	Joints in concrete	All joints exceeding measurement record thresholds in concrete paving are sealed.	24 hours	28 days	6 months	Physical measurement	1.9.1	No unsealed joints with width greater than 1/4".	100%
			No tied longitudinal joint separation exceeding measurement record thresholds.					1.9.2	No tied longitudinal joint width greater than 1/4"	100%
			No longitudinal or transverse joint discontinuity / faulting exceeding measurement record thresholds.					1.9.3	No individual longitudinal or transverse joint with discontinuity / faulting greater than 1/4" between two sides of any joint.	100%
			No expansion joint separation exceeding measurement record thresholds.					1.9.4	No expansion joint width greater than 1.0".	100%
2) DRAINAGE (NOT USED)										
3) STRUCTURES										

MAINTENANCE ELEMENT CATEGORY	REF	MAINTAINED ELEMENT	PERFORMANCE OBJECTIVE	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	REF	MEASUREMENT RECORD	TARGET
				Cat 1	Cat 1	Cat 2				
				Hazard Mitigation	Permanent Remedy	Permanent Repair				
	3.1	Structure components (Structures having an opening measured along the center of the roadway of more than 20 feet between faces of abutments or spring lines of arches or extreme ends of the openings for multiple box culverts or multiple pipes that are 60 inches or more in diameter and that have a clear distance between openings of less than half of the smallest pipe diameter)	(i) Substructures and superstructures are free of: • undesirable vegetation • debris and bird droppings • blocked drains, weep pipes, manholes and chambers • blocked drainage holes in structural components • defects in joint sealants • defects in pedestrian protection measure • scour damage • corrosion of rebar • paint system failures • impact damage (ii) Expansion joints free of: • dirt, debris and vegetation • defects in drainage system • loose nuts and bolts • defects in gaskets and/or seals (iii) The deck drainage system is free of all debris and operates as intended. (iv) Parapets free of: • loose nuts and bolts • blockages of hollow section drain holes • undesirable vegetation • impact damage • concrete spalling	24 hours	28 days	6 months	(a) The National Bridge Inspection Standards (NBIS) of the Code of Federal Regulations, 23 Highways – Part 650 (b) The TxDOT Bridge Inspection Manual (c) The Federal Highway Administration's Bridge Inspector's Reference Manual (d) Visual Inspection	3.1.1	Performance objective is met and records maintained as required in the TxDOT Bridge Inspection Manual.	100%

MAINTENANCE ELEMENT CATEGORY	REF	MAINTAINED ELEMENT	PERFORMANCE OBJECTIVE	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	REF	MEASUREMENT RECORD	TARGET
				Cat 1	Cat 1	Cat 2				
				Hazard Mitigation	Permanent Remedy	Permanent Repair				
			v) Bearings and bearing seats are: • properly aligned horizontally and vertically • clean and in full contact with each other (vi) Sliding and roller surfaces are clean and greased to ensure satisfactory performance. Additional advice contained in bearing manufacturers' instructions in the structure maintenance manual is followed. (vii) Special finishes are clean and perform to the appropriate standards. (viii) All non-structural items such as hoists and electrical fixings, operate correctly, are clean and lubricated as appropriate, in accordance with the manufacturer's recommendations and certification of lifting devices is maintained.					3.1.2	Condition rating equal to or greater than seven (7) for any deck, superstructure or substructure.	100%
	3.2	Load ratings	All structures maintain the design load capacity and no load restrictions for Texas legal loads (including legally permitted vehicles)	24 hours	28 days	6 months	a. Load rating calculations in accordance with the AASHTO Manual for Bridge Evaluation and the TxDOT Bridge Inspection Manual. b. Load restriction requirements as per the TxDOT Bridge Inspection Manual.	3.3.1	Performance objective met.	100%
	3.3	Gantries and high-masts	Sign gantries, signal gantries and high masts are structurally sound and free of: • loose nuts and bolts • defects in surface protection systems	24 hours	28 days	6 months	Visual inspection	3.4.1	Performance objective met.	100%
	3.4	Retaining walls	Retaining walls are free of: • undesirable vegetation • defects in sealed joints • defects in pedestrian protection • scour damage • corrosion of rebar • paint system failure • concrete spalling • impact damage • 95% free of blocked weep holes	24 hours	28 days	6 months	Visual inspection	3.6.1	Performance objective met.	100%

MAINTENANCE ELEMENT CATEGORY	REF	MAINTAINED ELEMENT	PERFORMANCE OBJECTIVE	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	REF	MEASUREMENT RECORD	TARGET
				Cat 1	Cat 1	Cat 2				
				Hazard Mitigation	Permanent Remedy	Permanent Repair				
			Parapets are free of: • loose nuts and bolts • blockage of drain holes • undesirable vegetation • impact damage • concrete spalling					3.6.2	Performance objective met.	100%
4) PAVEMENT MARKINGS, OBJECT MARKERS, BARRIER MARKERS AND DELINEATORS (NOT USED)										
5) CURBS, GUARDRAILS, SAFETY BARRIERS AND IMPACT ATTENUATORS (NOT USED)										
6) TRAFFIC SIGNS (NOT USED)										
7) TRAFFIC SIGNALS (NOT USED)										
8) LIGHTING (NOT USED)										
9) FENCES, WALLS AND SOUND ABATEMENT (NOT USED)										
10) ROADSIDE MANAGEMENT (NOT USED)										
11) REST AREAS AND PICNIC AREAS (NOT USED)										
12) EARTHWORKS, EMBANKMENTS AND CUTTINGS										
	12.1	Slope failure	All structural or natural failures of the embankment and cut slopes of the Project are repaired.	24 hours	28 days	6 months	Visual inspection	12.1.1	Performance objective met.	100%
	12.2	Slopes - General	Slopes are maintained in general conformance to the original graded cross-sections, the replacement of landscaping materials, reseeding and re-vegetation for erosion control purposes and removal and disposal of all eroded materials from the roadway and shoulders.	24 hours	28 days	6 months	Visual inspection	12.2.1	Performance objective met.	100%
	12.3	Slopes – Erosion	Slopes are maintained to prevent erosion leading to further deterioration.	24 hours	28 days	3 months	Visual inspection	12.3.1	No erosion greater than six inches deep.	100%
	12.4	Slopes - Permanent Erosion Control Measures	Where permanent erosion control measures such as rock or concrete riprap are utilized: repair undermined or damaged erosion control measures and keep concrete slope protection joints sealed and free from vegetation.	24 hours	28 days	3 months	Visual inspection	12.4.1	Performance objective met.	100%
13) ITS EQUIPMENT (NOT USED)										
14) TOLLING FACILITIES AND BUILDINGS (NOT USED)										
15) AMENITY (NOT USED)										
16) SNOW AND ICE CONTROL (NOT USED)										
17) INCIDENT RESPONSE (NOT USED)										

MAINTENANCE ELEMENT CATEGORY	REF	MAINTAINED ELEMENT	PERFORMANCE OBJECTIVE	DEFECT REMEDY PERIOD			INSPECTION AND MEASUREMENT METHOD	REF	MEASUREMENT RECORD	TARGET
				Cat 1	Cat 1	Cat 2				
				Hazard Mitigation	Permanent Remedy	Permanent Repair				
18) CUSTOMER RESPONSE (NOT USED)										
19) SWEEPING AND CLEANING (NOT USED)										

NOTES FOR PERFORMANCE AND MEASUREMENT TABLE

[1] "Category 1 Hazard Mitigation" shall be an action taken by DB Contractor to mitigate a hazard to Users or imminent risk of damage or deterioration to property or the environment.

[2] "Category 1 Permanent Remedy" shall be an action taken by DB Contractor to restore the condition of a Maintenance Element following "Category 1 Hazard Mitigation" of a Category 1 Defect: (a) to the standard required for new construction; or (b) to a condition such that the Target is achieved for each Measurement Record.

[3] "Category 2 Permanent Repair" shall be an action taken by DB Contractor to restore the condition of a Maintenance Element for which a Category 2 Defect has been recorded: (a) to the standard required for new construction or (b) to a condition such that the Target is achieved for each Measurement Record.

ATTACHMENT 2: MAINTENANCE ELEMENTS AND SCOPE OF MAINTENANCE SERVICES

MAINTENANCE ELEMENT CATEGORY	MAINTENANCE ELEMENT	RESPONSIBILITY	
		DB CONTRACTOR	TxDOT
1) PAVEMENT			
1.1	Cracking	X	
1.2	Raveling	X	
1.3	Flushing / bleeding	X	
1.4	Failures	X	
1.5	Edge drop-offs	X	
1.6	Wet weather crash performance	X	
1.7	Cracking	X	
1.8	Raveling	X	
1.9	Flushing / bleeding	X	
2) DRAINAGE			
2.1	Pipes, ditches, and channels		X
2.2	Drainage treatment devices		X
2.3	Travel way		X
2.4	Discharge systems		X
2.5	Protected species		X
2.6	Erosion		X
2.7	Channels and ditches - Permanent Erosion Control Measures		X
2.8	Non-bridge class culverts		X
3) STRUCTURES			
3.1	Structure components	X	
3.2	Load ratings	X	
3.3	Gantries and high masts	X	
3.4	Mechanically stabilized earth and retaining walls	X	
4) PAVEMENT MARKINGS, OBJECT MARKERS, BARRIER MARKERS AND DELINEATORS			
4.1	Pavement markings	*	X
4.2	Raised reflective markers	*	X
4.3	Delineators and markers	*	X
5) CURBS, GUARDRAILS, SAFETY BARRIERS AND IMPACT ATTENUATORS			
5.1	Curbs		X
5.2	Guardrails and safety barriers		X
5.3	Impact attenuators		X
6) TRAFFIC SIGNS			
6.1	General - All signs		X
6.2	General - Safety critical signs		X
7) TRAFFIC SIGNALS			
7.1	General		X
7.2	Soundness		X
7.3	Identification marking		X
7.4	Pedestrian elements and vehicle detectors		X
8) LIGHTING			

MAINTENANCE ELEMENT CATEGORY	MAINTENANCE ELEMENT	RESPONSIBILITY	
		DB CONTRACTOR	TxDOT
8.1	Roadway lighting - General		X
8.2	Sign lighting		X
8.3	Electrical supply		X
8.4	Access panels		X
8.5	High mast lighting		X
9) FENCES AND SOUND ABATEMENT			
9.1	Design and location		X
9.2	Construction		X
9.3	Operation		X
10) ROADSIDE MANAGEMENT			
10.1	Vegetated areas - Except landscaped areas - General		X
10.2	Landscaped areas		X
10.3	Fire hazards		X
10.4	Trees, brush and ornamentals		X
10.5	Wetlands		X
10.6	Sidewalks and pedestrian curb ramps		X
11) REST AREAS AND PICNIC AREAS (NOT USED)			
12) EARTHWORKS, EMBANKMENTS AND CUTTINGS			
12.1	Slope failure	X	
12.2	Slopes - General	X	
12.3	Slopes - Erosion	X	
12.4	Slopes - Permanent Erosion Control Measures	X	
13) ITS EQUIPMENT			
13.1	ITS Equipment		X
13.2	Dynamic message sign equipment		X
13.3	CCTV equipment		X
13.4	Vehicle detection equipment		X
14) TOLLING FACILITIES AND BUILDINGS (NOT USED)			
15) AMENITY			
15.1	Graffiti		X
15.2	Animals		X
15.3	Abandoned vehicles and equipment		X
16) SNOW AND ICE CONTROL			
16.1	Travel lanes		X
16.2	Weather forecasting		X
16.3	Operational plans		X
17) INCIDENT RESPONSE			
17.1	General		X
17.2	Hazardous Materials		X
17.3	Structural assessment		X
17.4	Temporary and permanent remedy		X
18) CUSTOMER RESPONSE			
18.1	Response to inquiries		X

MAINTENANCE ELEMENT CATEGORY	MAINTENANCE ELEMENT	RESPONSIBILITY	
		DB CONTRACTOR	TxDOT
18.2	Customer contact line		X
19) SWEEPING AND CLEANING			
19.1	Obstructions and debris		X
19.2	Sweeping		X
19.3	Litter		X

*DB Contractor is responsible for replacement of these Maintenance Elements when Maintenance Services is performed on Pavement Maintenance Elements.

ATTACHMENT 3: MAINTENANCE LIMITS

[SEE ATTACHED]

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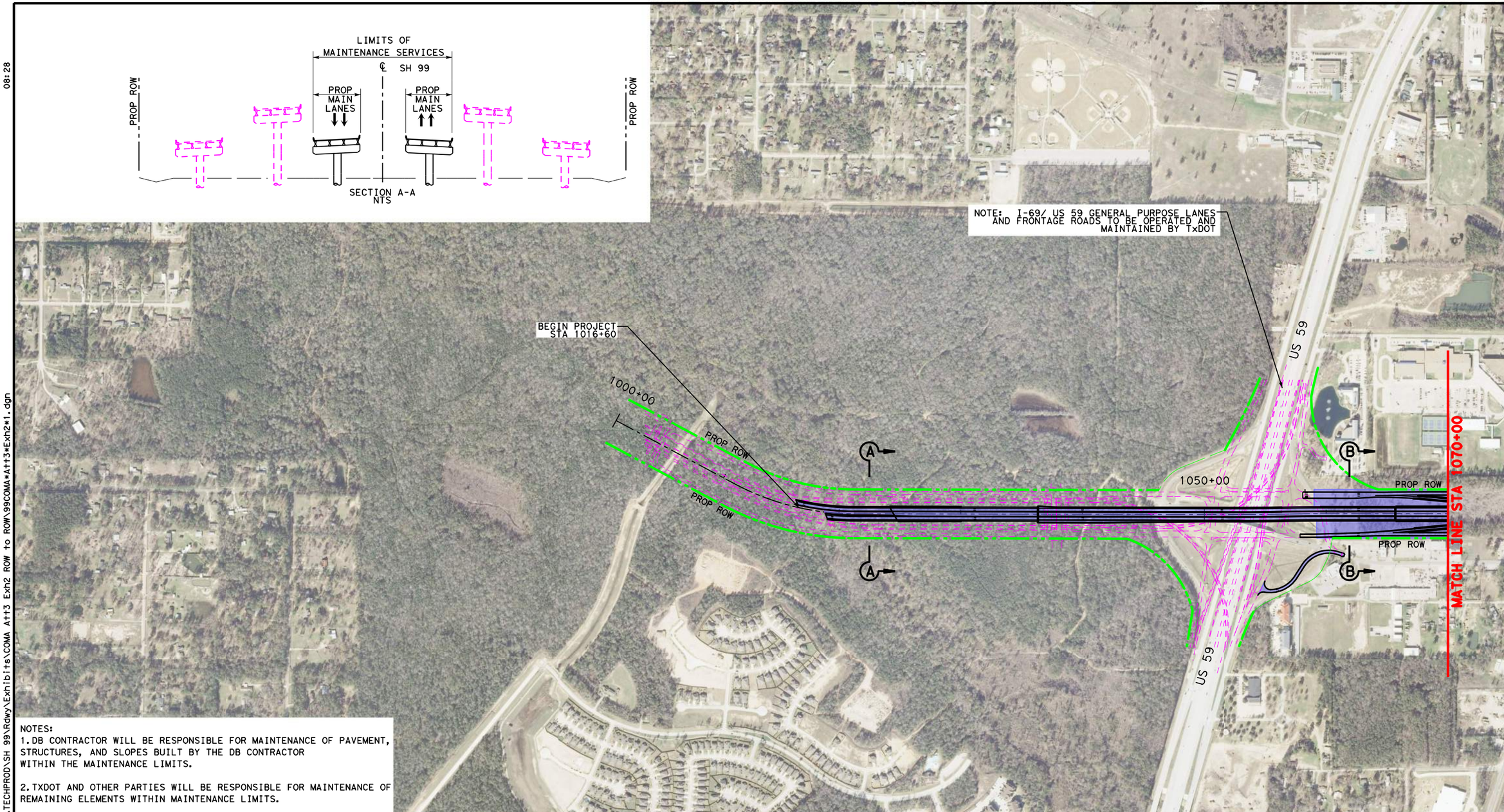
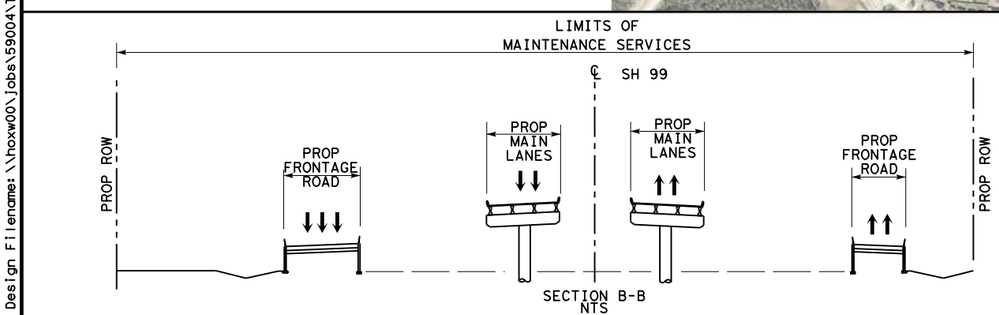


NOTES:
1. DB CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF PAVEMENT, STRUCTURES, AND SLOPES BUILT BY THE DB CONTRACTOR WITHIN THE MAINTENANCE LIMITS.

2. TXDOT AND OTHER PARTIES WILL BE RESPONSIBLE FOR MAINTENANCE OF REMAINING ELEMENTS WITHIN MAINTENANCE LIMITS.



LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						1

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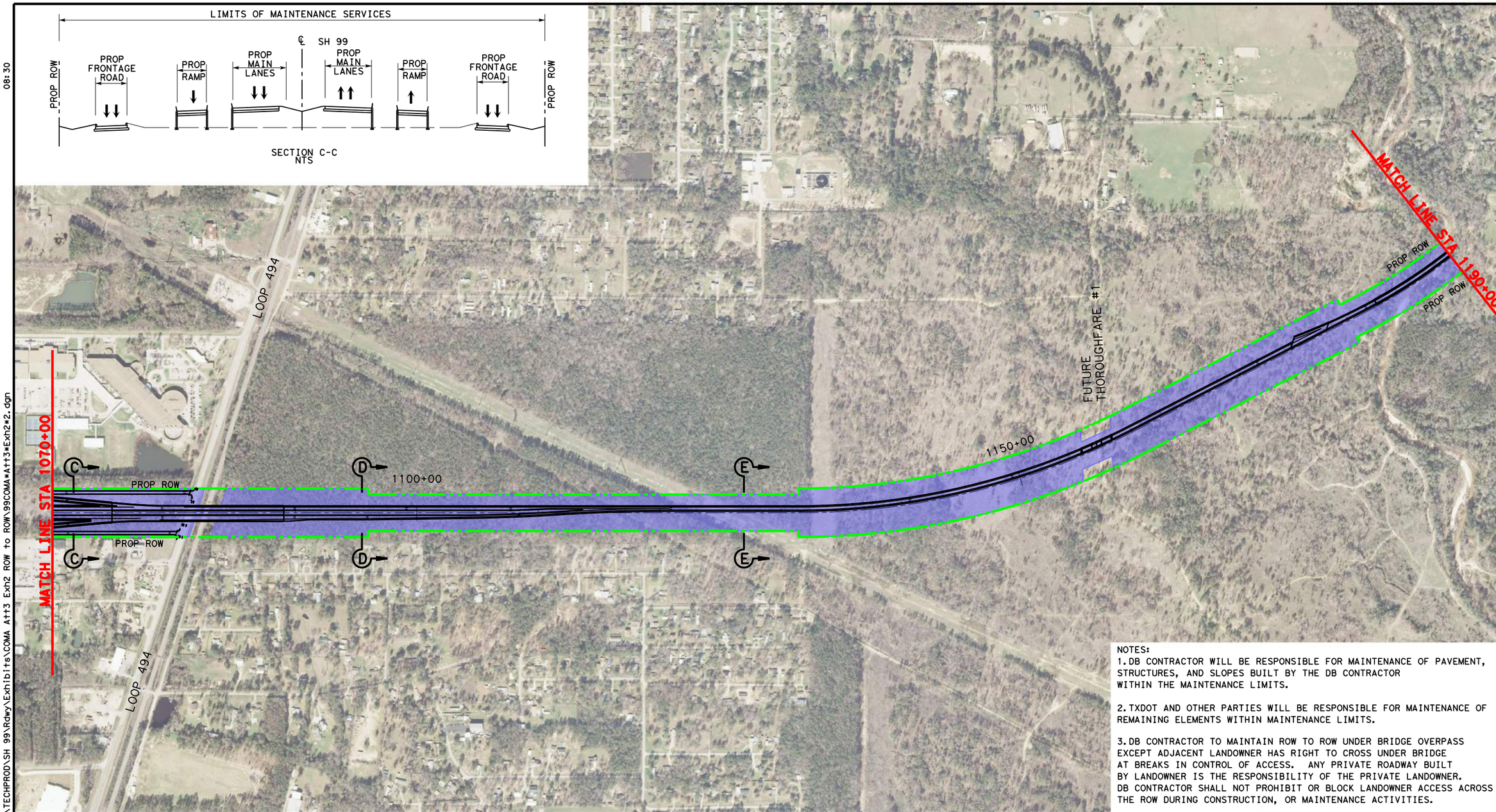
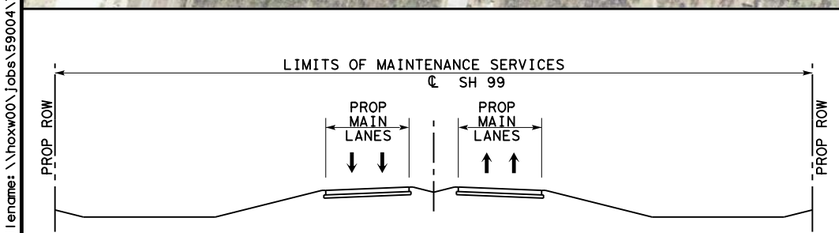


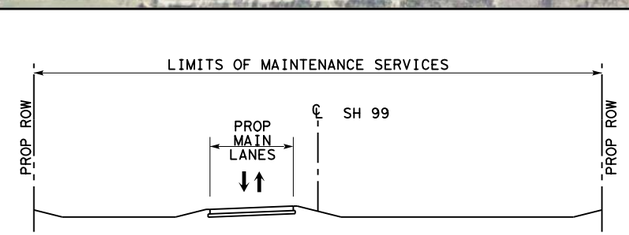
NOTES:

1. DB CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF PAVEMENT, STRUCTURES, AND SLOPES BUILT BY THE DB CONTRACTOR WITHIN THE MAINTENANCE LIMITS.

2. TXDOT AND OTHER PARTIES WILL BE RESPONSIBLE FOR MAINTENANCE OF REMAINING ELEMENTS WITHIN MAINTENANCE LIMITS.

3. DB CONTRACTOR TO MAINTAIN ROW TO ROW UNDER BRIDGE OVERPASS EXCEPT ADJACENT LANDOWNER HAS RIGHT TO CROSS UNDER BRIDGE AT BREAKS IN CONTROL OF ACCESS. ANY PRIVATE ROADWAY BUILT BY LANDOWNER IS THE RESPONSIBILITY OF THE PRIVATE LANDOWNER. DB CONTRACTOR SHALL NOT PROHIBIT OR BLOCK LANDOWNER ACCESS ACROSS THE ROW DURING CONSTRUCTION, OR MAINTENANCE ACTIVITIES.





LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						2

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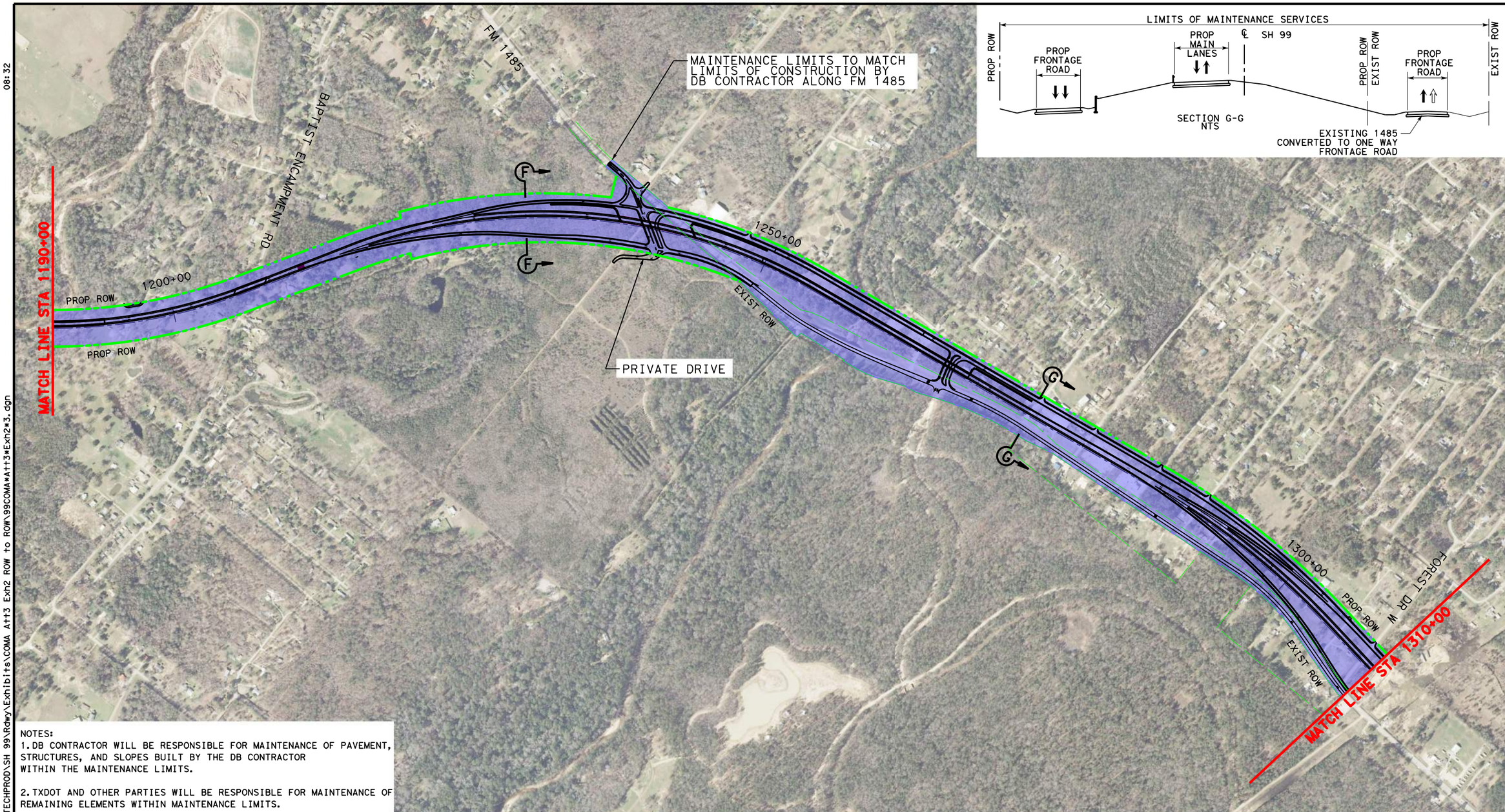

NOTES:

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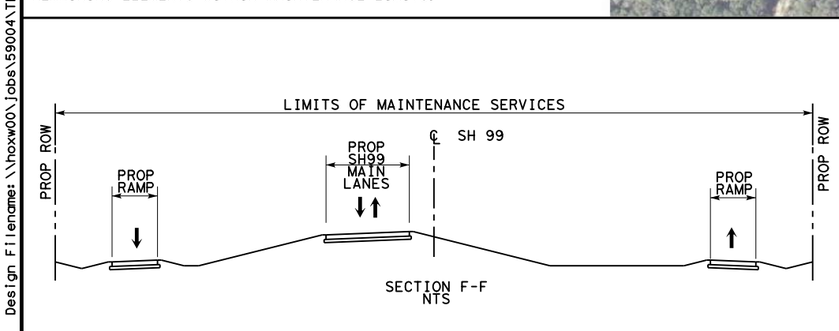
2. TXDOT AND OTHER PARTIES WILL BE RESPONSIBLE FOR MAINTENANCE OF REMAINING ELEMENTS WITHIN MAINTENANCE LIMITS.



LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						3

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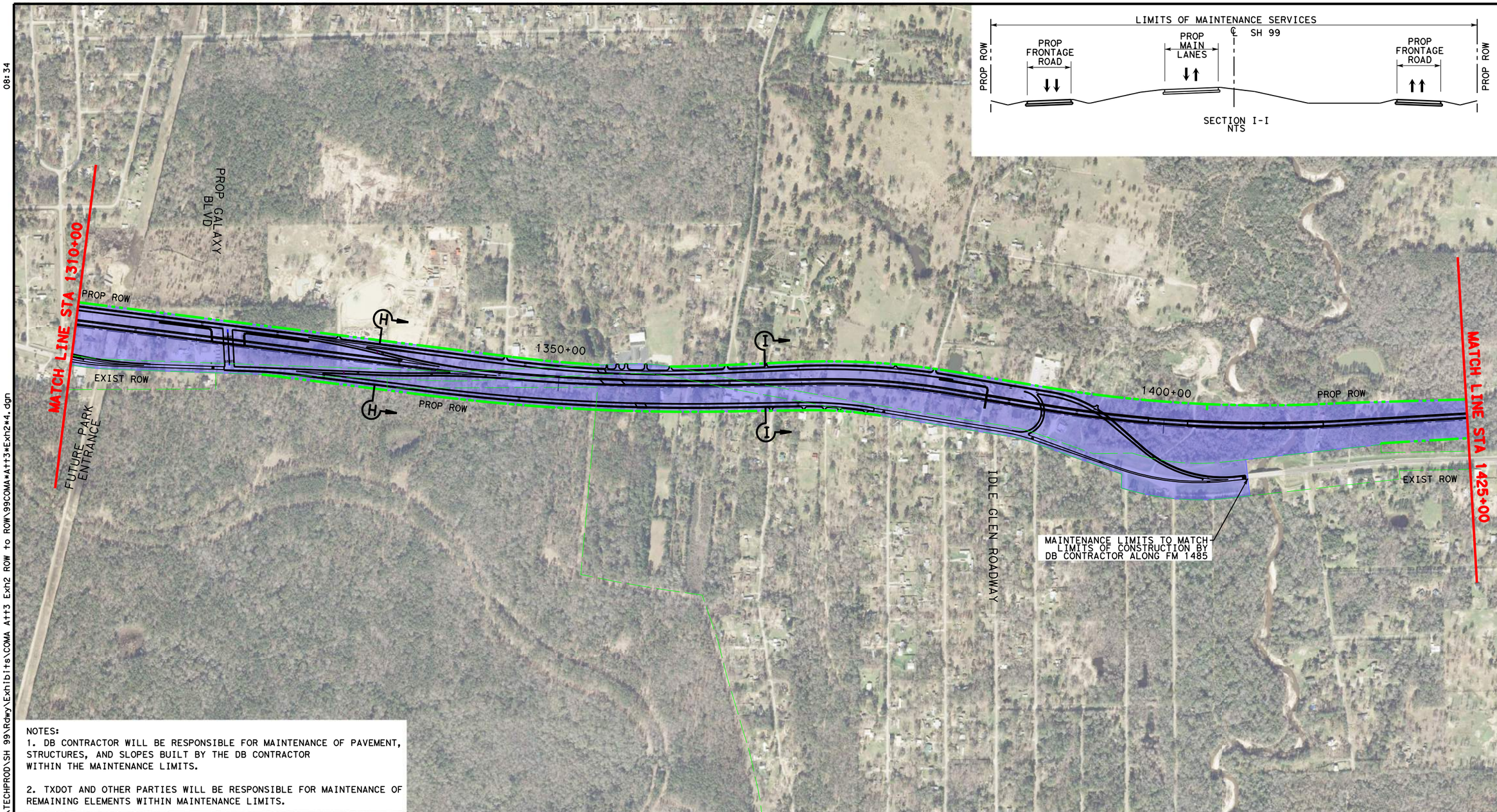

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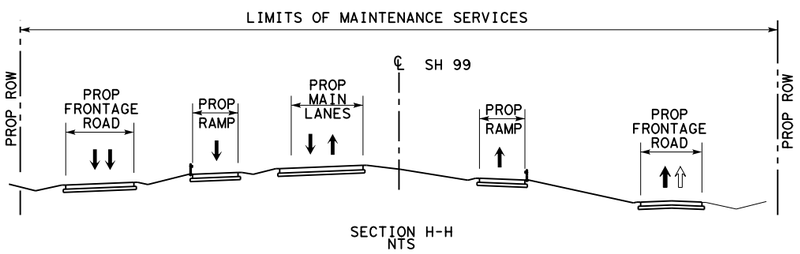

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						4

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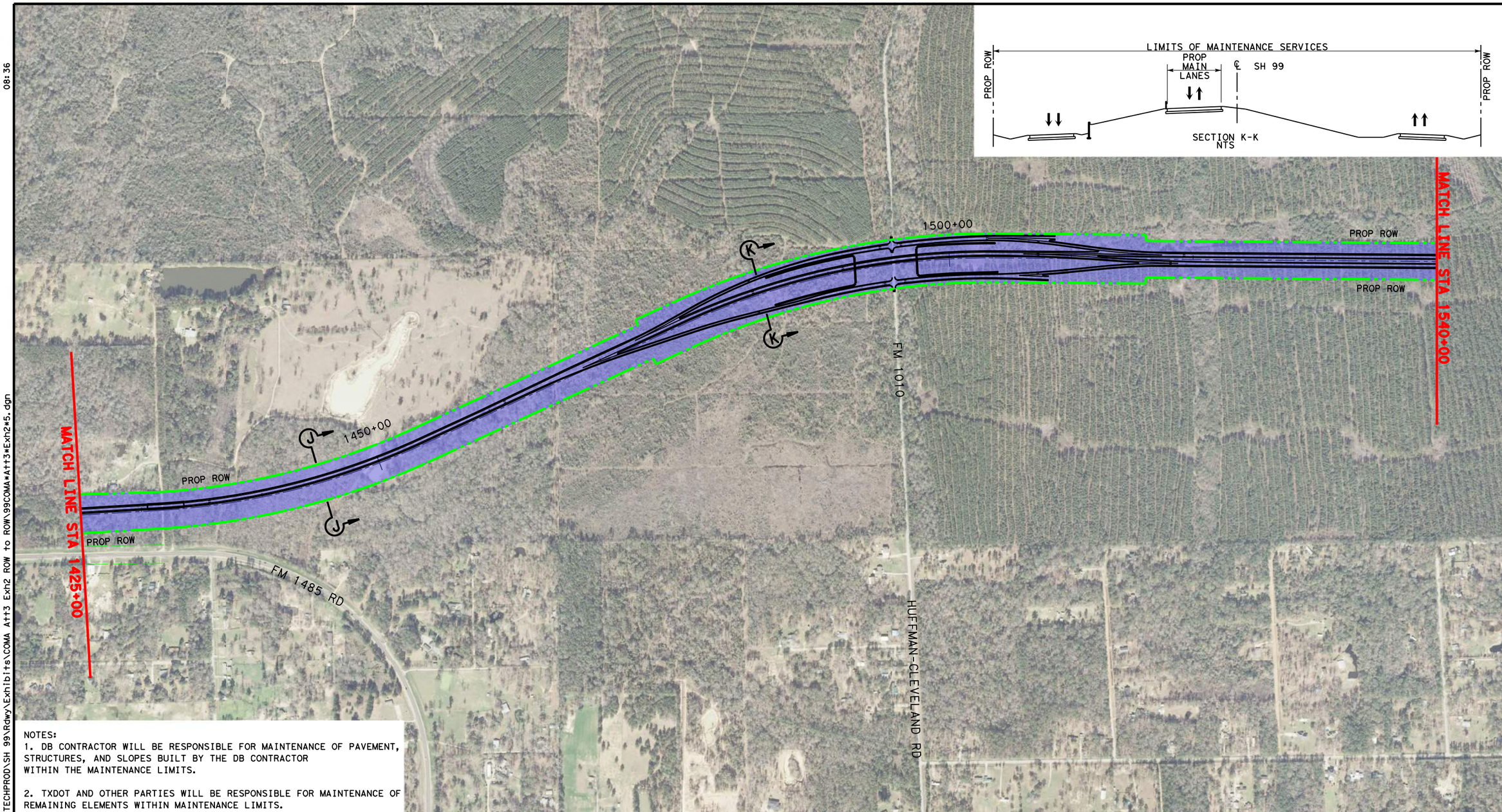
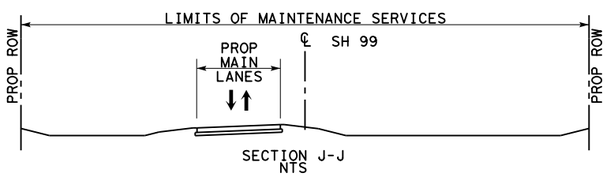


NOTES:
1. DB CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF PAVEMENT, STRUCTURES, AND SLOPES BUILT BY THE DB CONTRACTOR WITHIN THE MAINTENANCE LIMITS.

2. TXDOT AND OTHER PARTIES WILL BE RESPONSIBLE FOR MAINTENANCE OF REMAINING ELEMENTS WITHIN MAINTENANCE LIMITS.



LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						5

dmaillon
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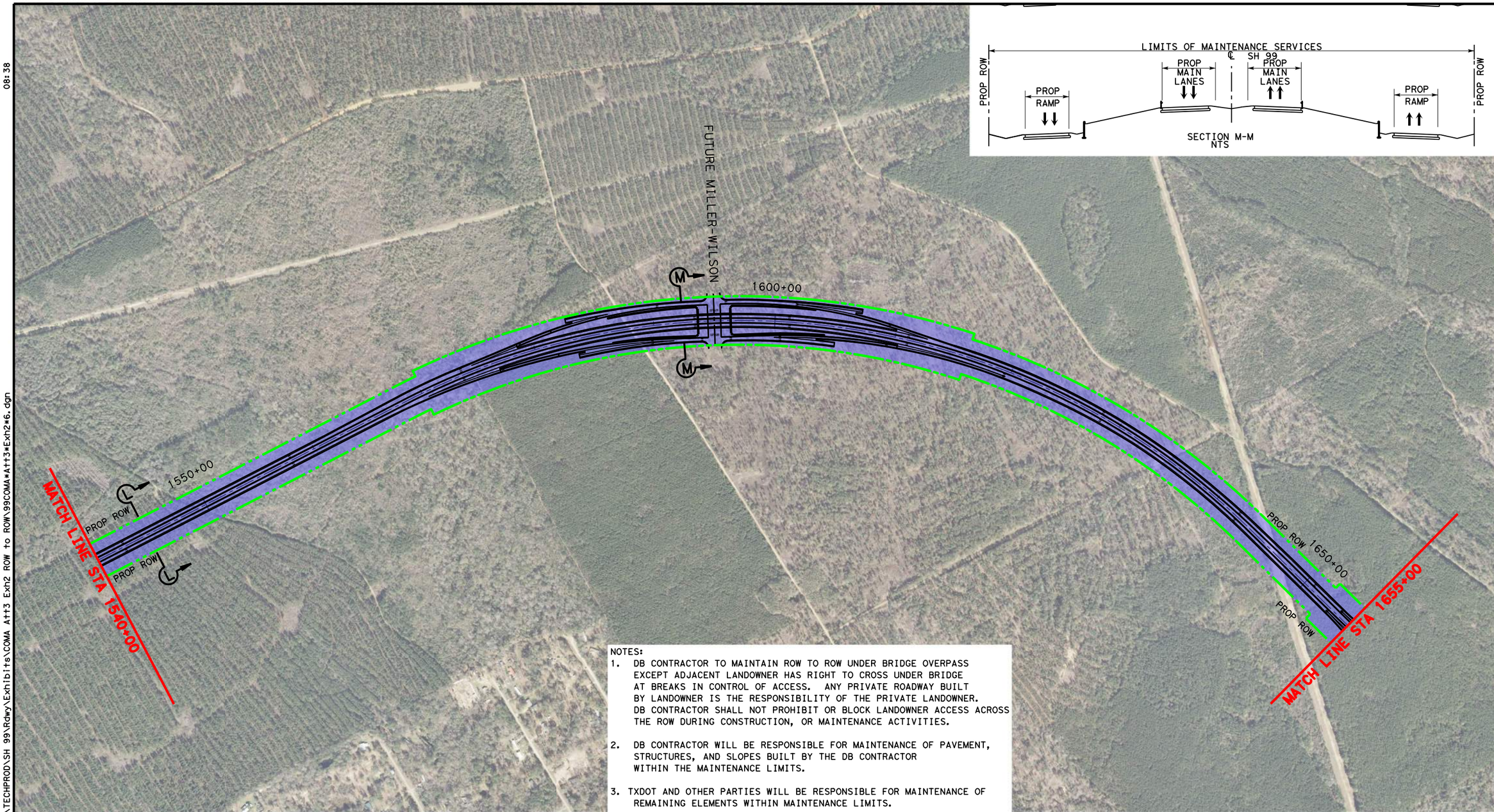

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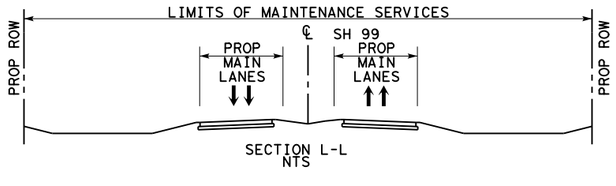

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						6

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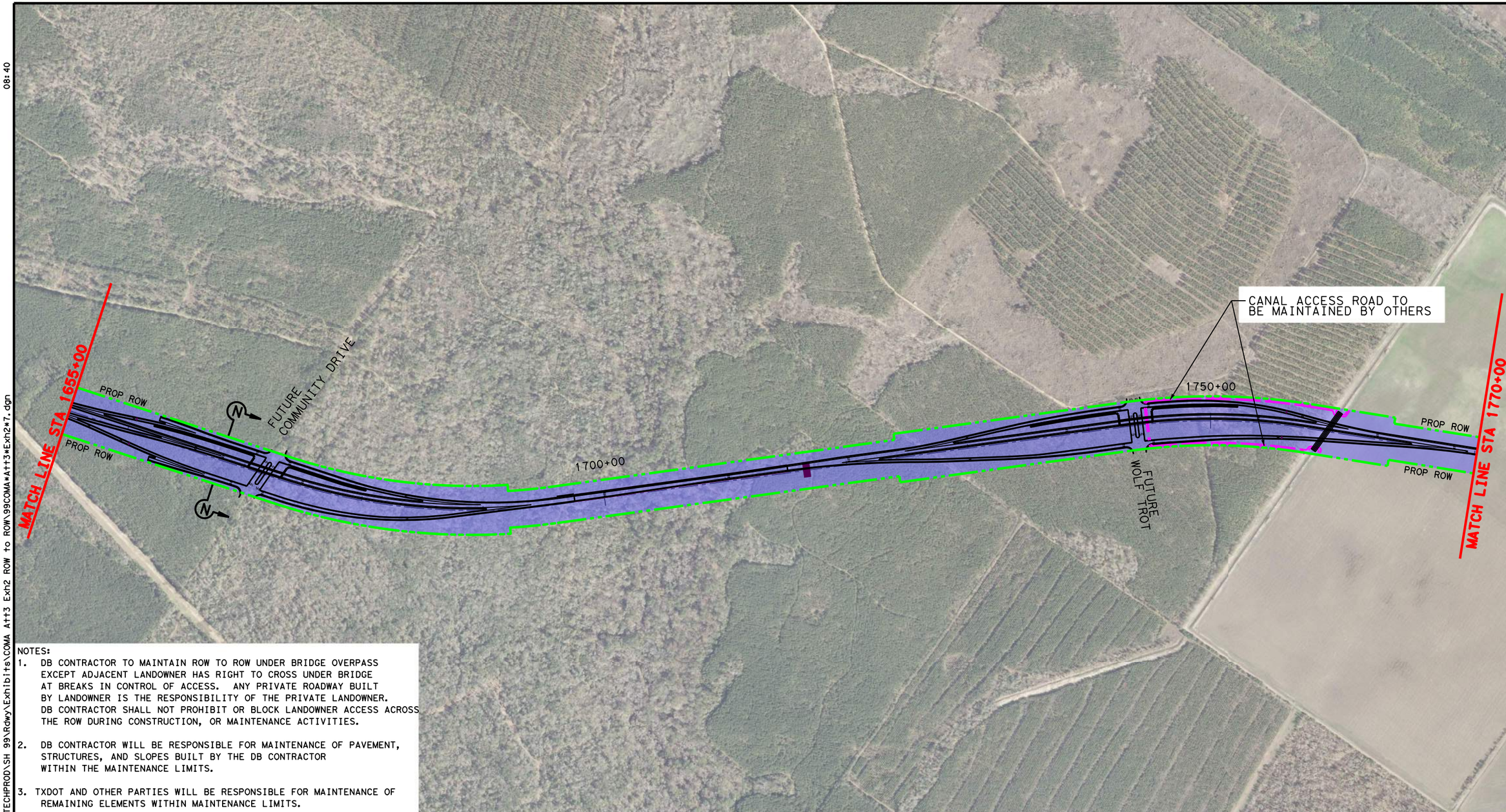

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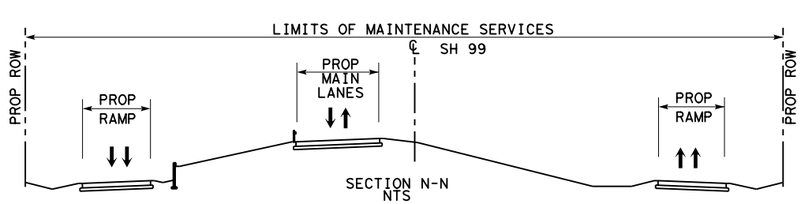

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- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

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Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						7

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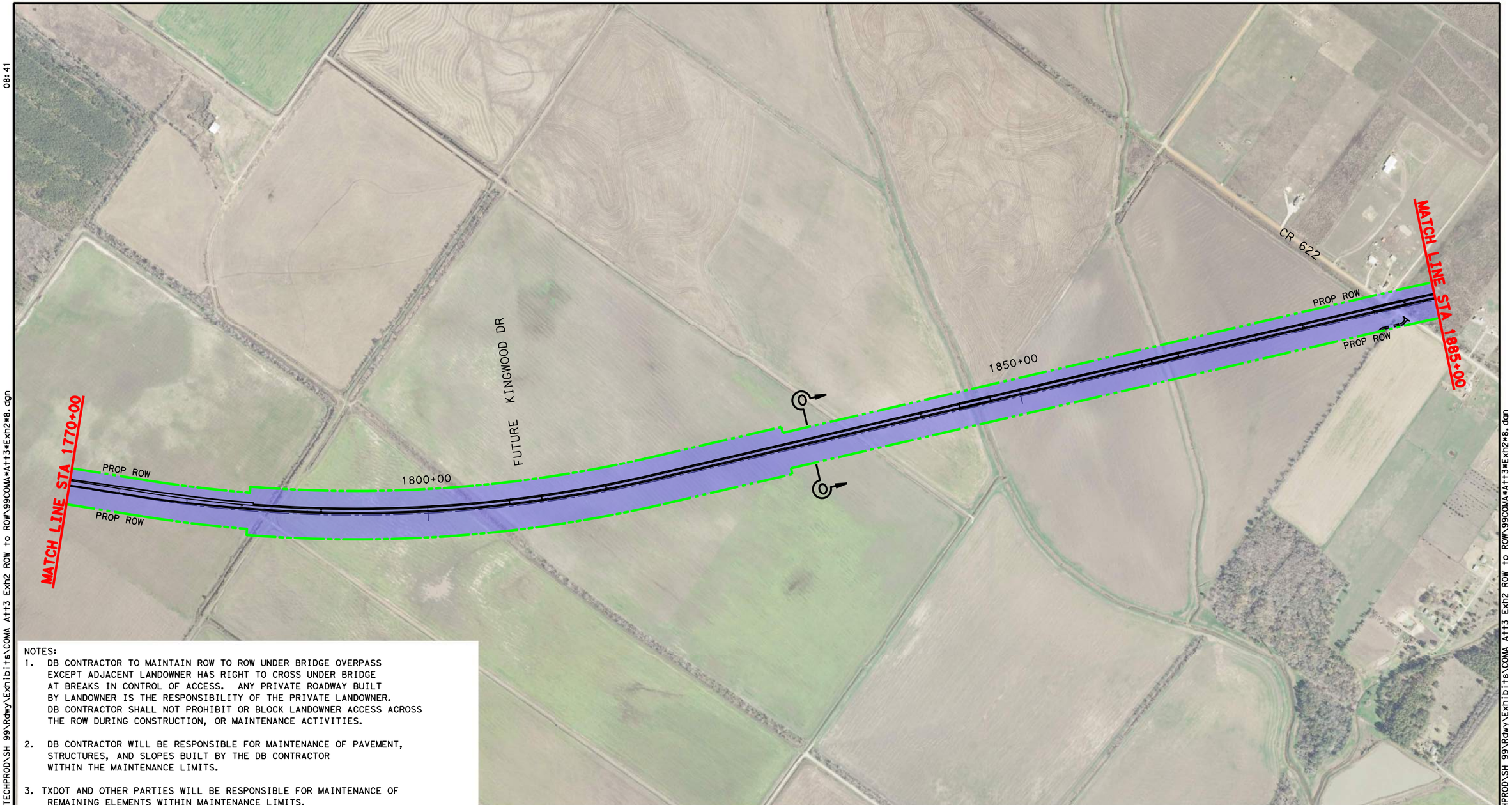

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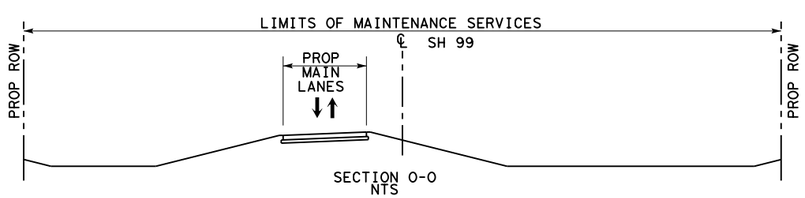

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
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Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						8

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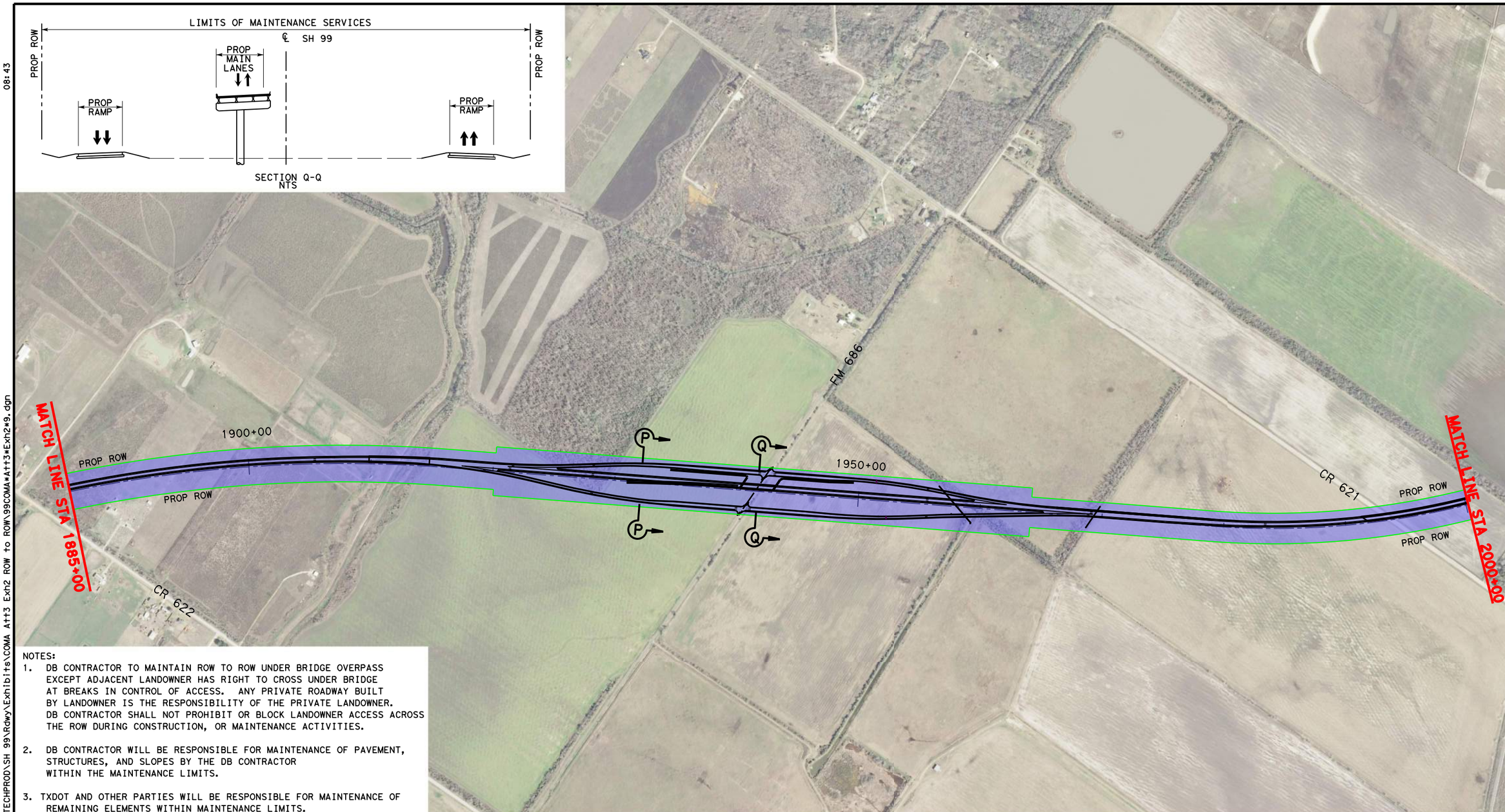

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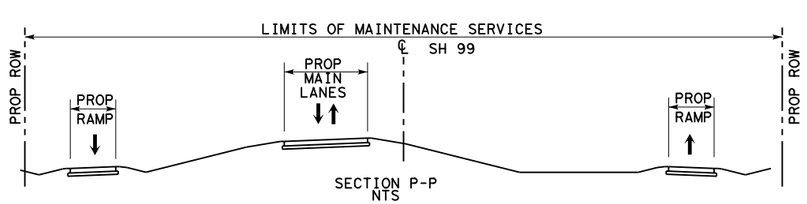

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						9

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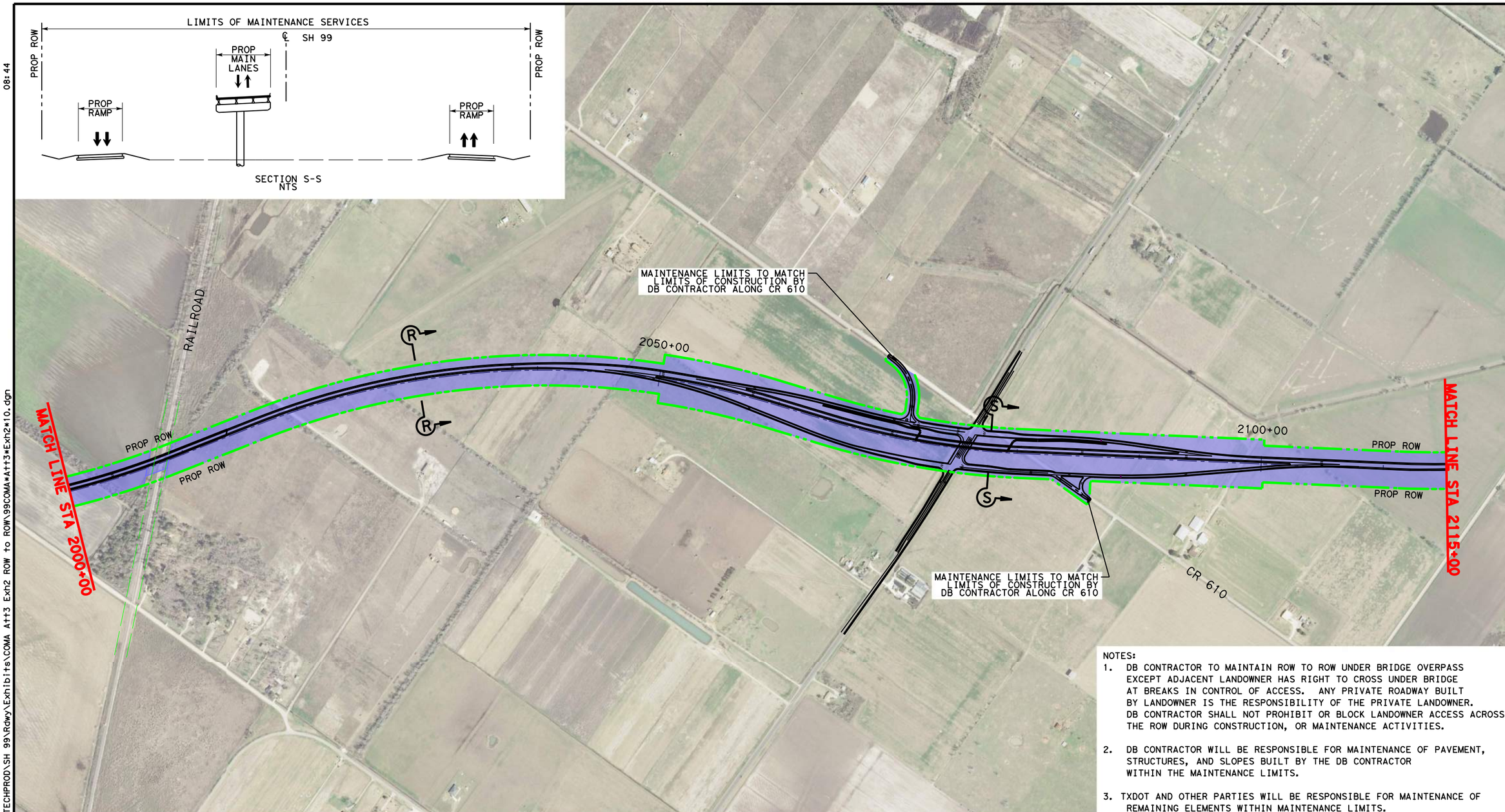

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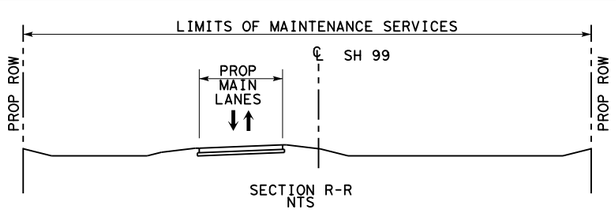

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						10

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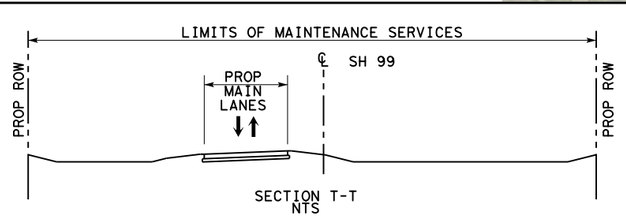

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						11

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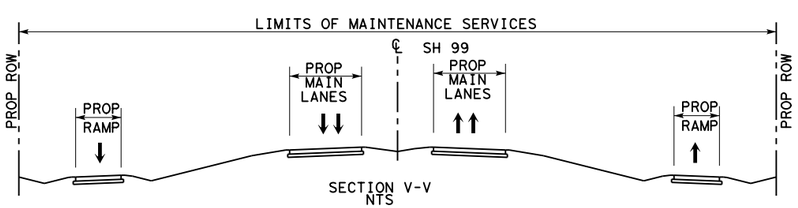

LEGEND

- LIMITS OF MAINTENANCE SERVICES
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- PROP ROW
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Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						12

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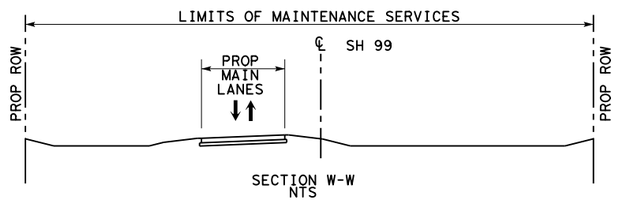

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STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						13

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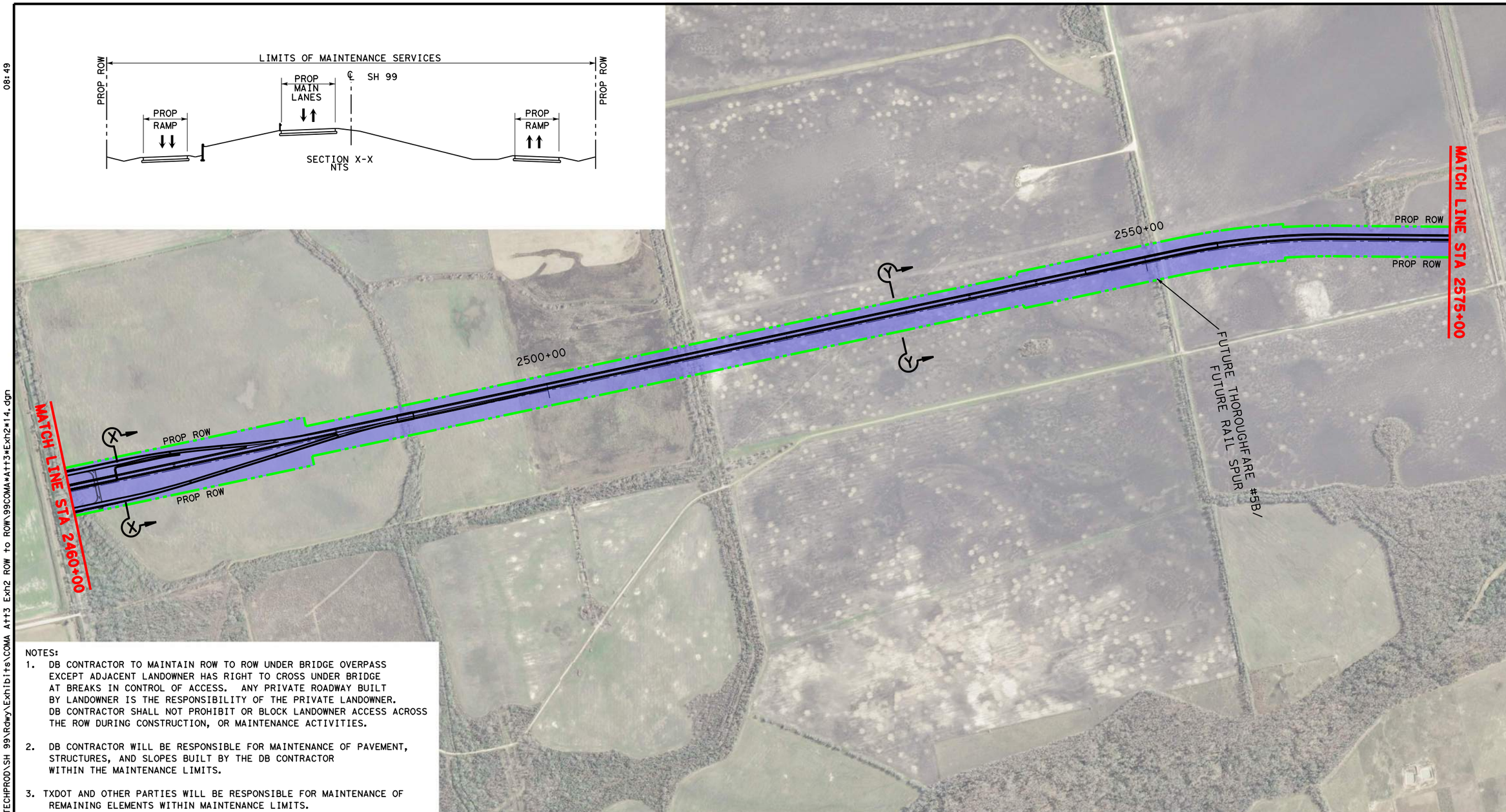

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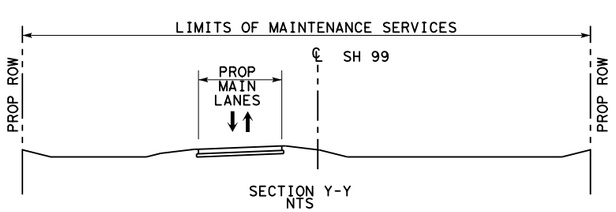

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						14

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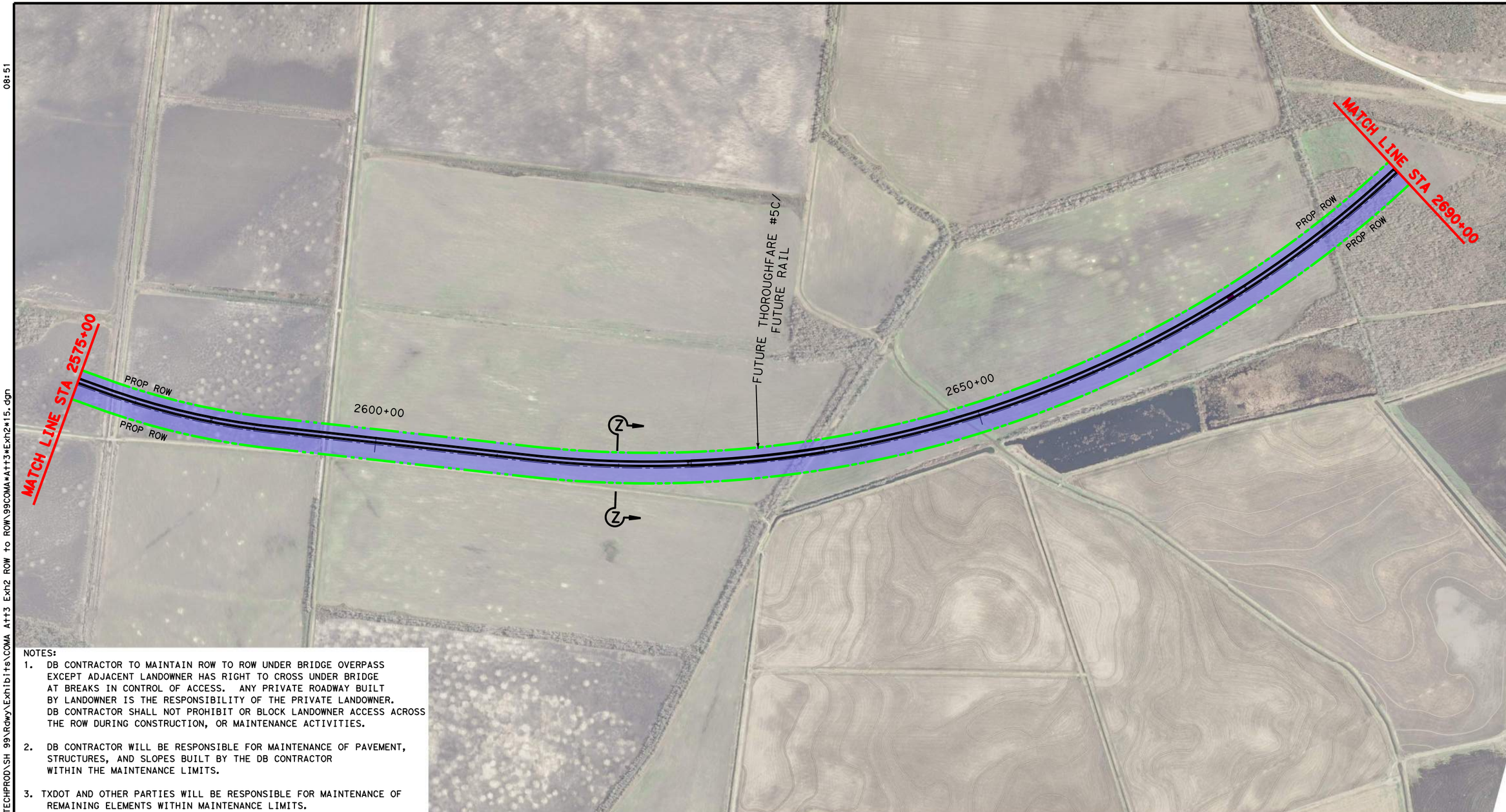

NOTES:

1. DB CONTRACTOR TO MAINTAIN ROW TO ROW UNDER BRIDGE OVERPASS EXCEPT ADJACENT LANDOWNER HAS RIGHT TO CROSS UNDER BRIDGE AT BREAKS IN CONTROL OF ACCESS. ANY PRIVATE ROADWAY BUILT BY LANDOWNER IS THE RESPONSIBILITY OF THE PRIVATE LANDOWNER. DB CONTRACTOR SHALL NOT PROHIBIT OR BLOCK LANDOWNER ACCESS ACROSS THE ROW DURING CONSTRUCTION, OR MAINTENANCE ACTIVITIES.

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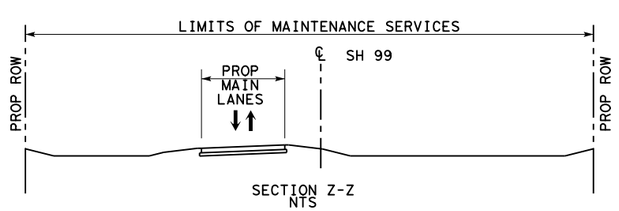

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						15

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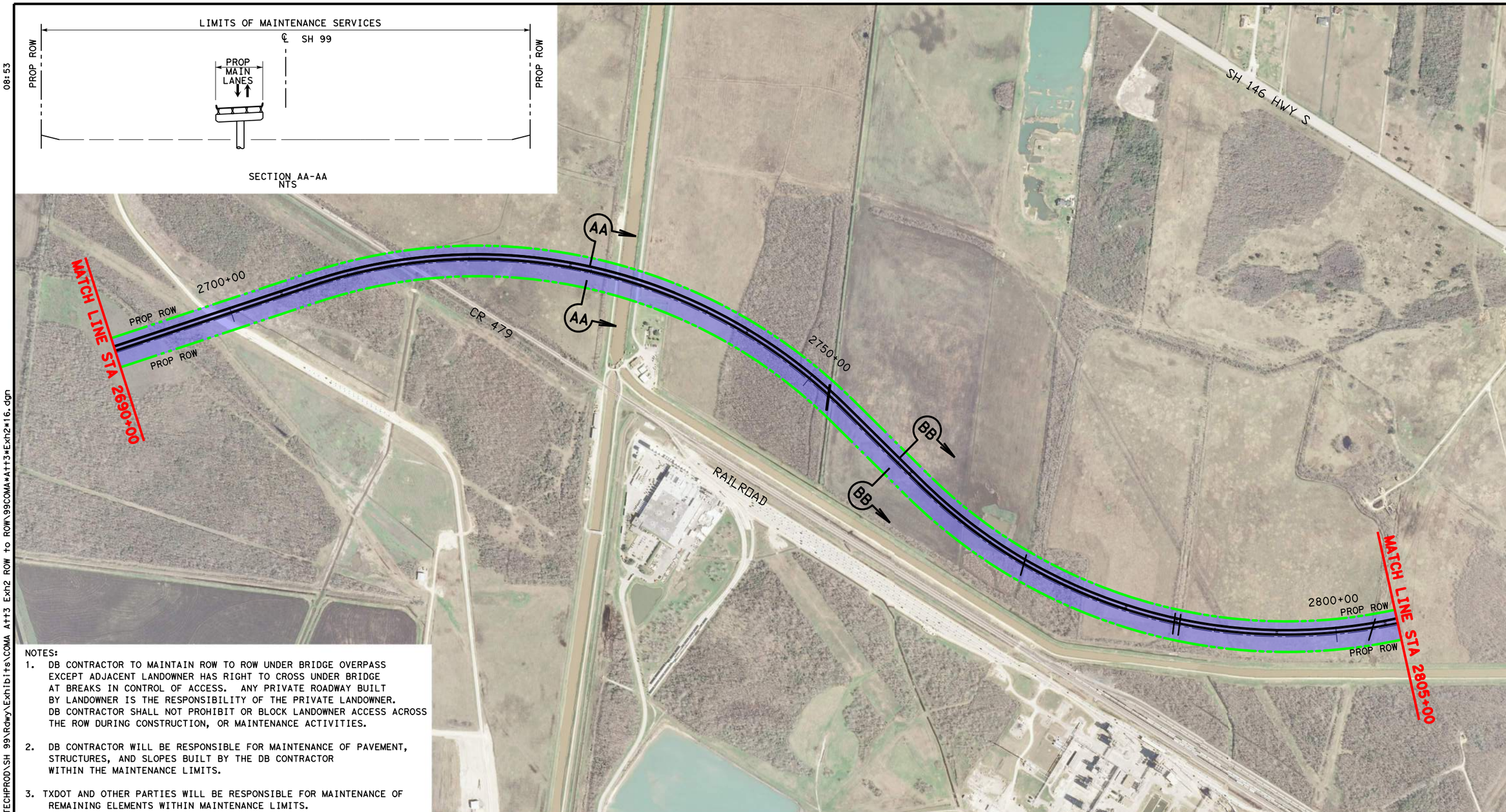

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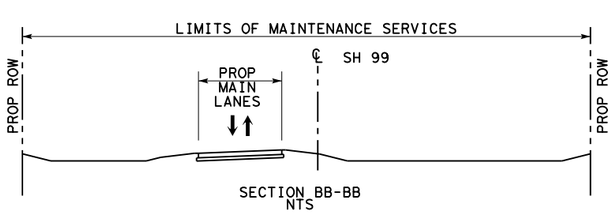

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						16

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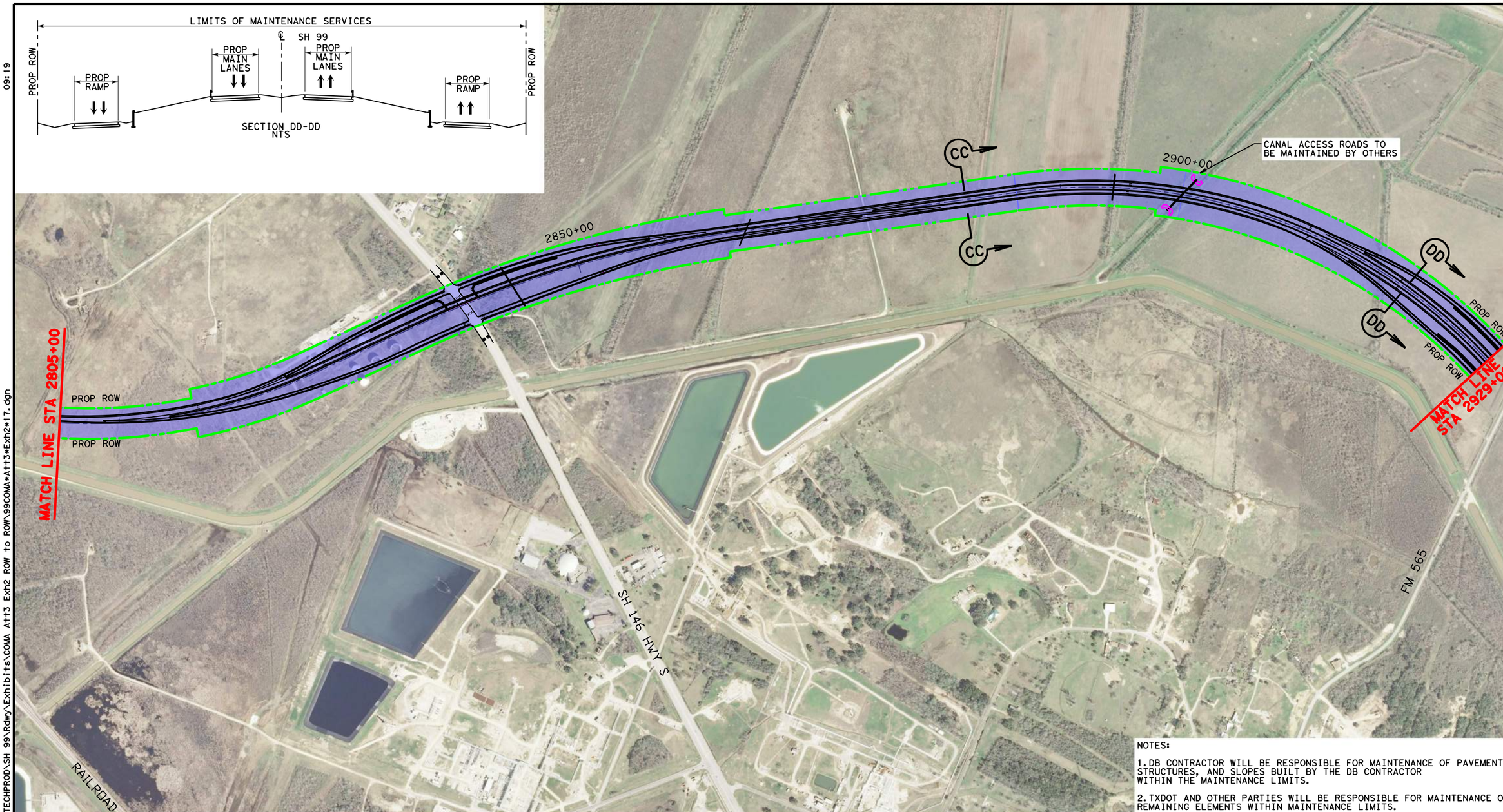

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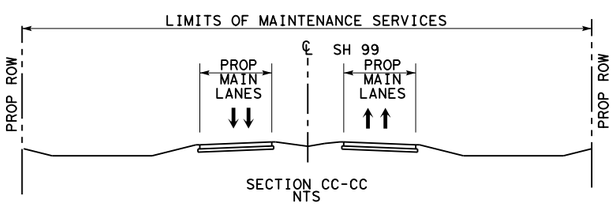

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						17

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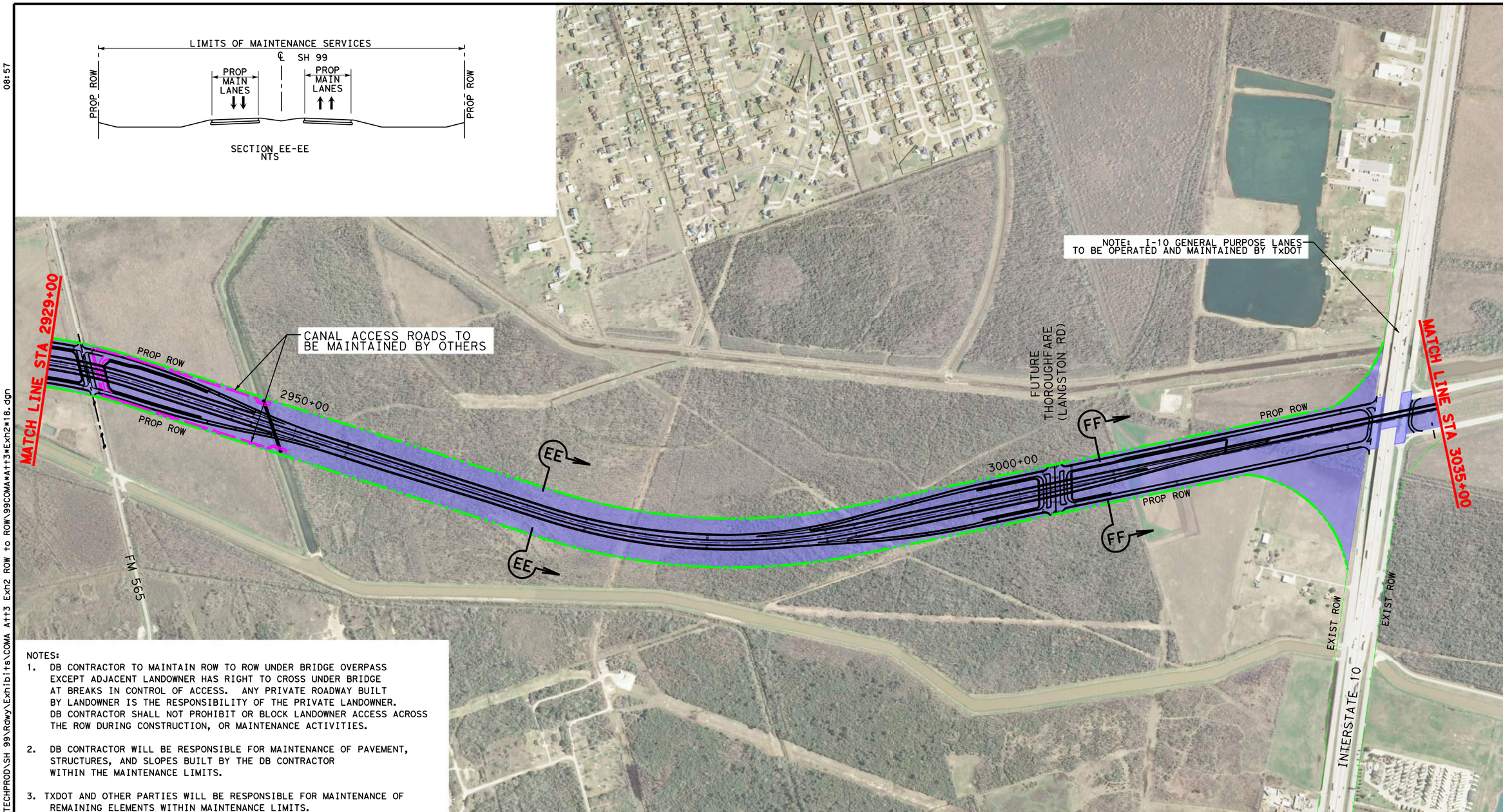

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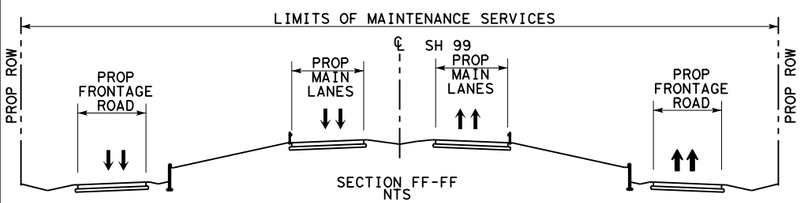

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						18

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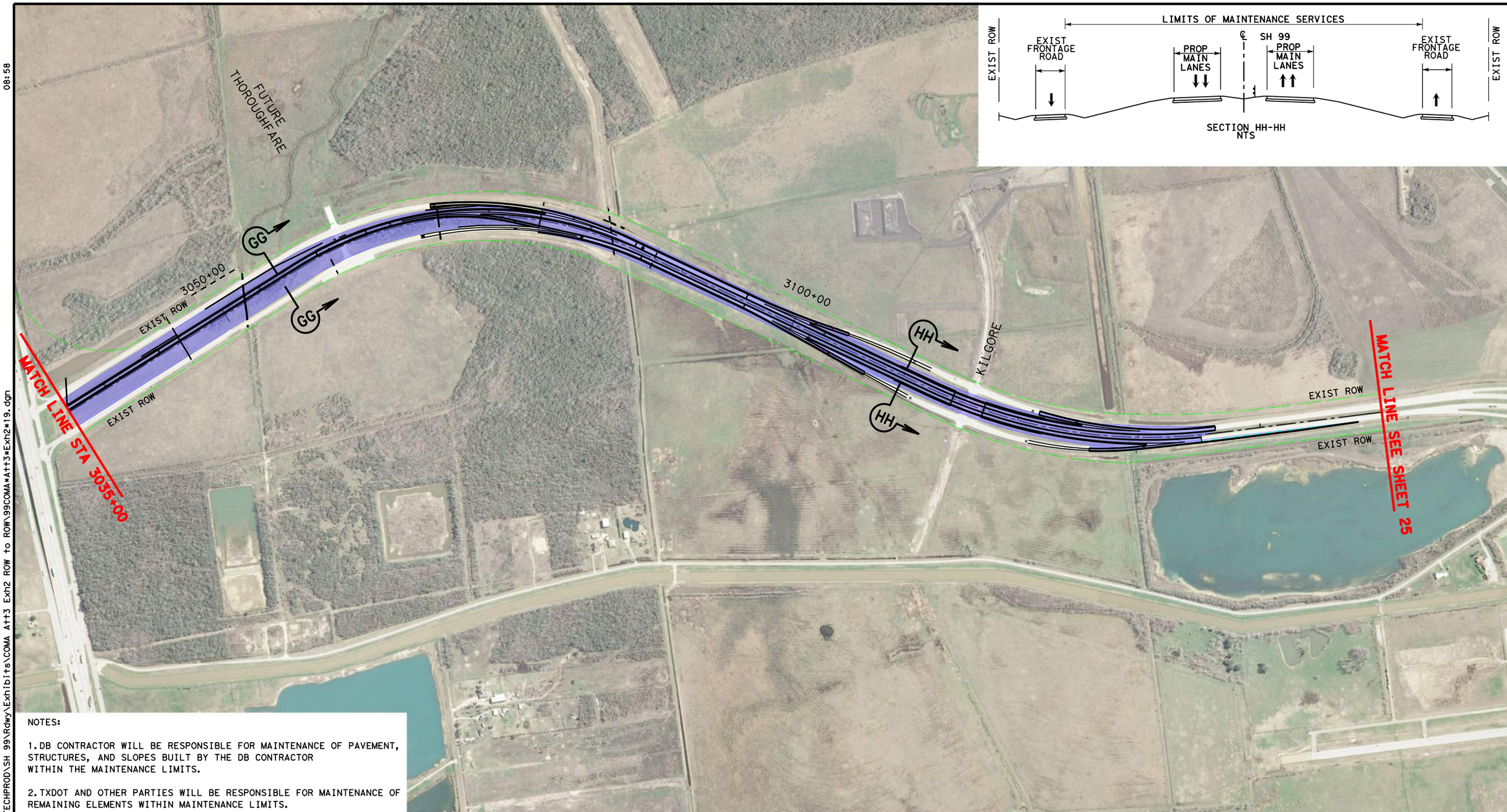

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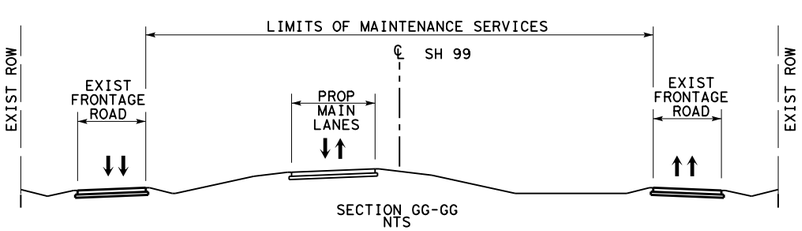

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						19

dnaillon
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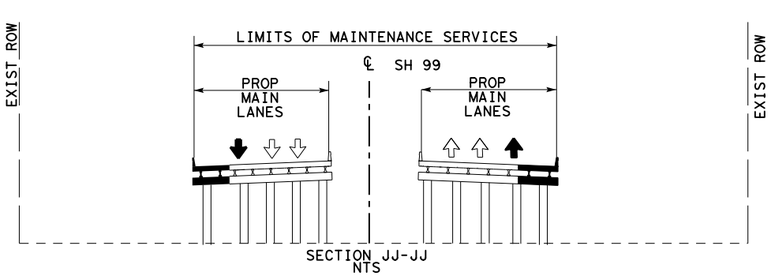
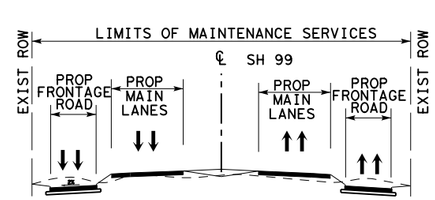


SECTION JJ-JJ
NTS



SECTION KK-KK
NTS

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						20

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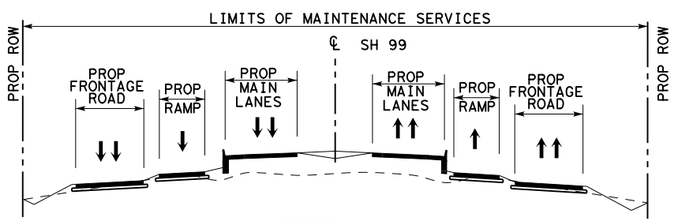
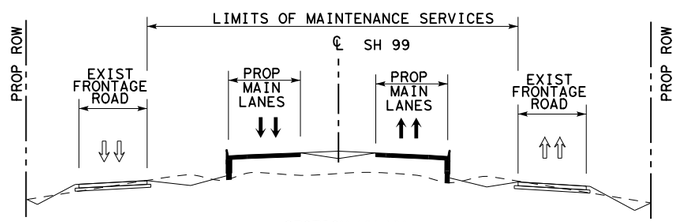


SECTION LL-LL
NTS



SECTION MM-MM
NTS

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						21

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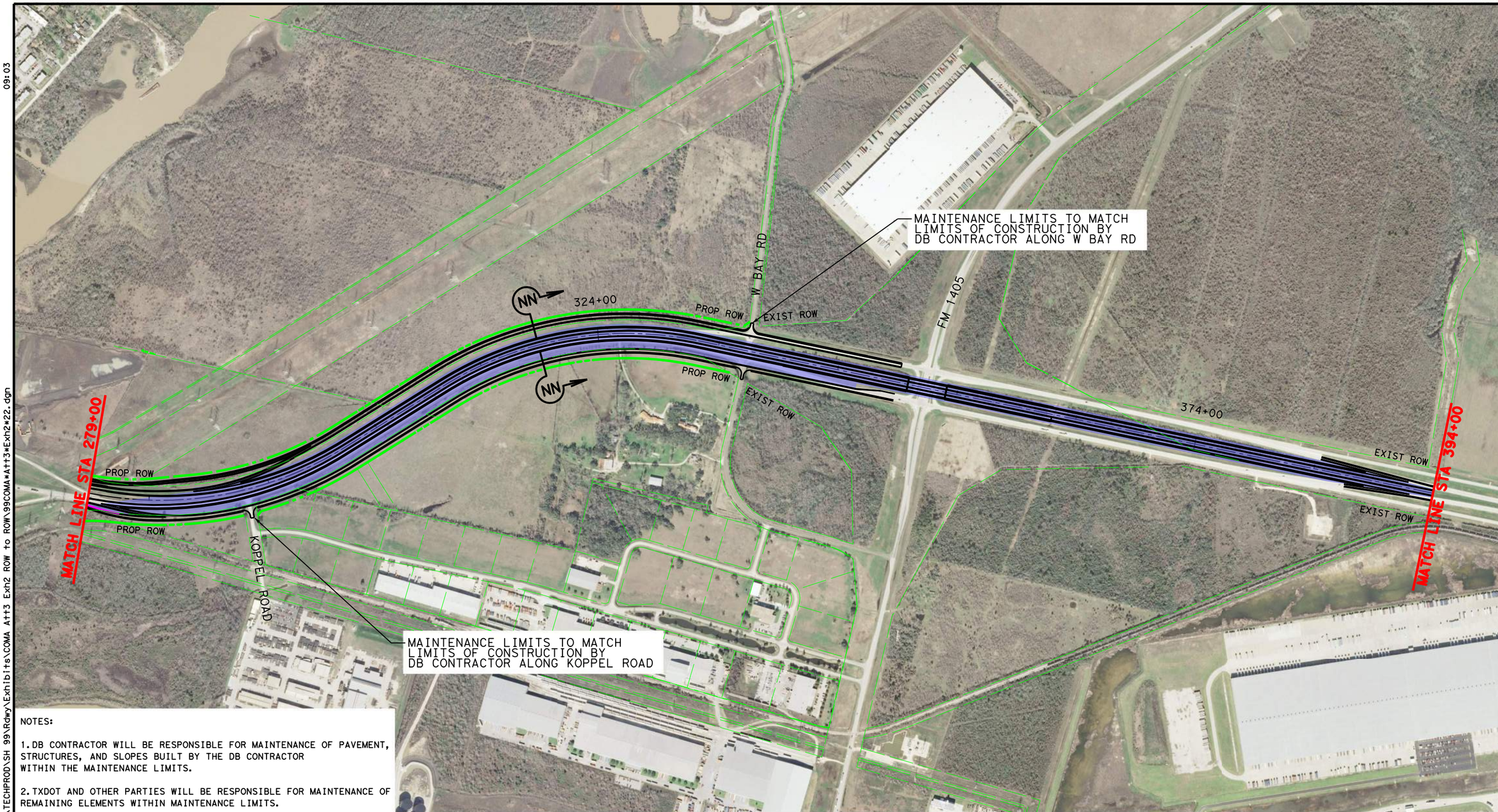

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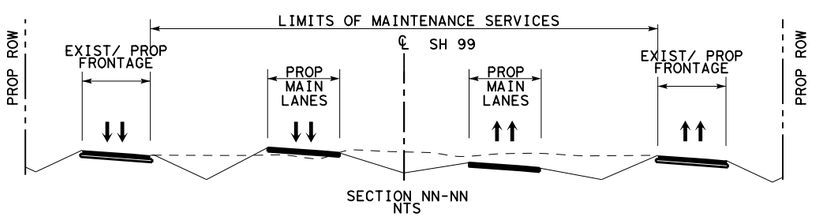

SECTION NN-NN
NTS

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						22

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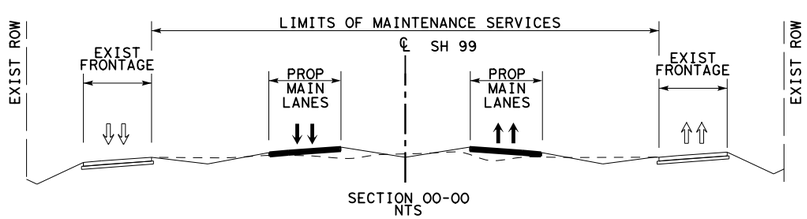

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						23

dnaillon
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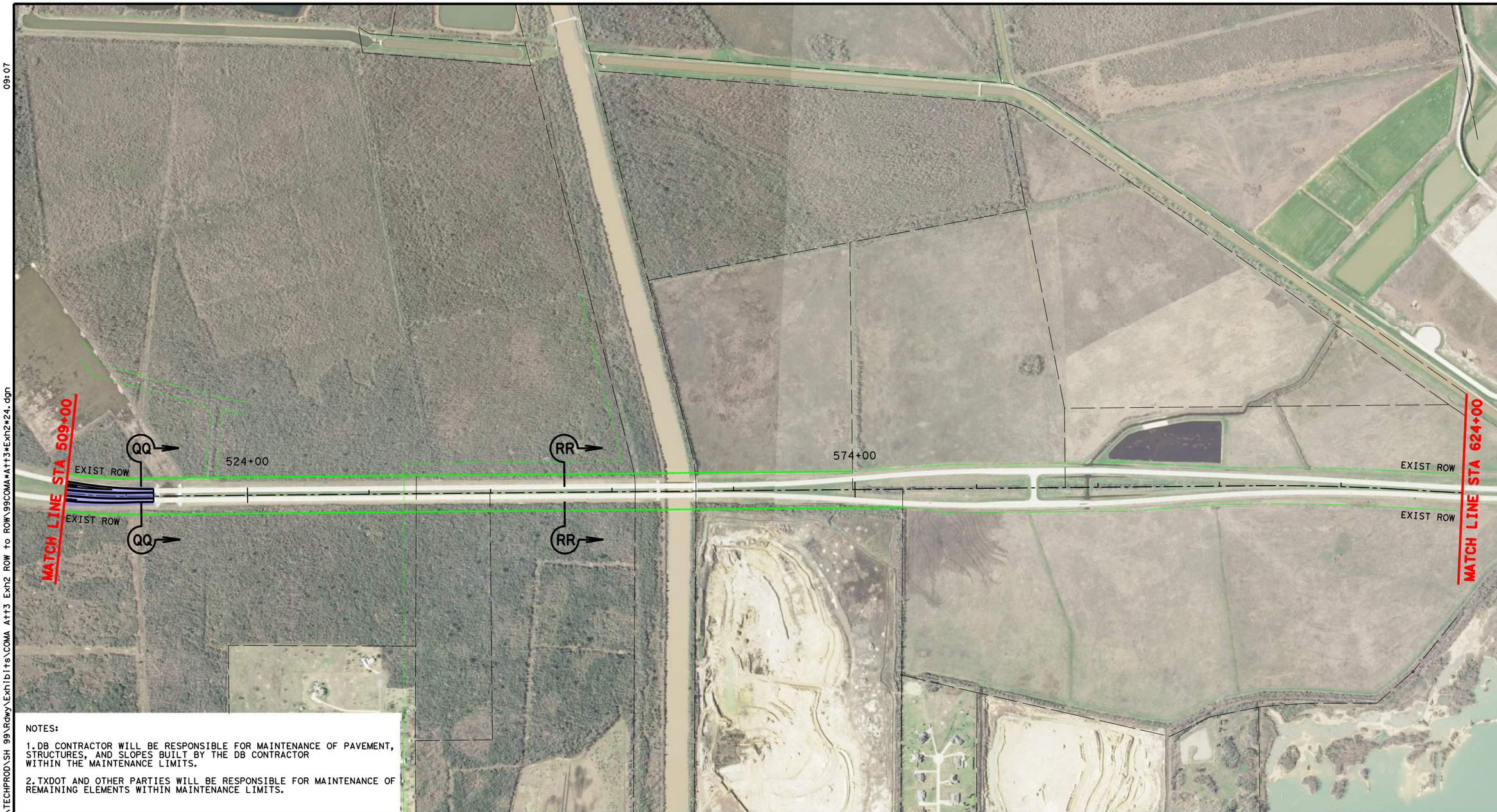

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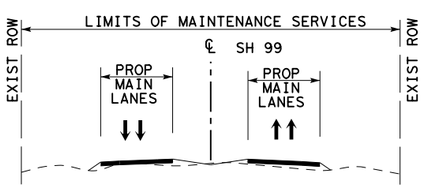
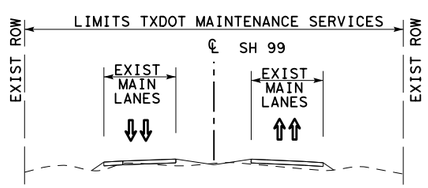
2. TXDOT AND OTHER PARTIES WILL BE RESPONSIBLE FOR MAINTENANCE OF REMAINING ELEMENTS WITHIN MAINTENANCE LIMITS.



SECTION QQ-QQ
NTS



SECTION RR-RR
NTS

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						24

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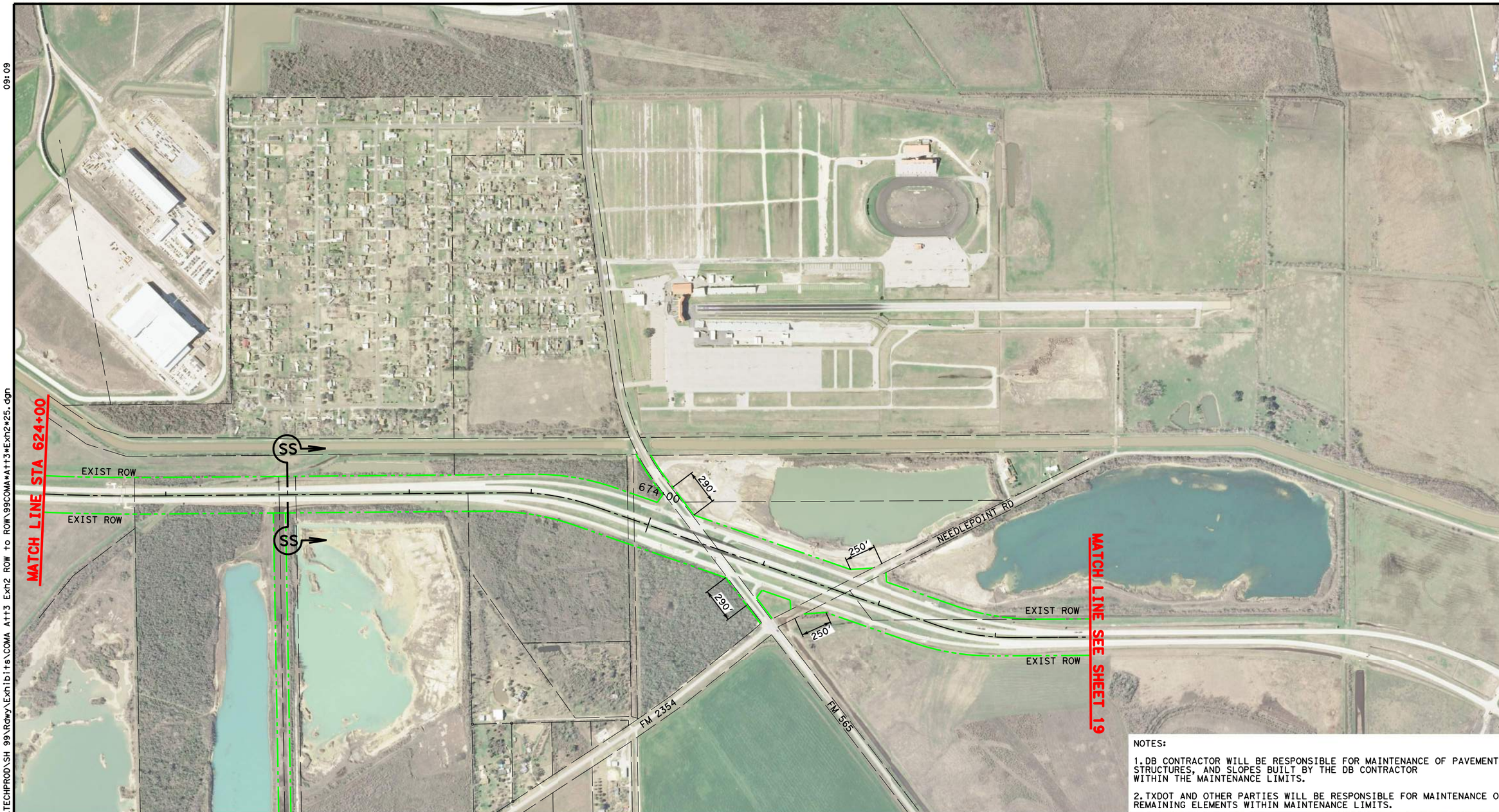

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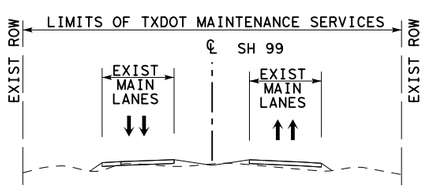

SECTION SS-SS
NTS

LEGEND

- LIMITS OF MAINTENANCE SERVICES
- PROPOSED GRAND PARKWAY
- PROP ROW
- EXISTING ROW
- TO BE MAINTAINED BY OTHERS

0 200 400 800 (H)

Texas Department of Transportation

STATE HIGHWAY 99 GRAND PARKWAY H&I

SH99 GRAND PARKWAY
SEGMENT H, I-1 AND I-2
CAPITAL MAINTENANCE AGREEMENT
ATTACHMENT 3 OF EXHIBIT 2
MAINTENANCE LIMITS

DSN:	FED. RD. DIV. NO.	STATE	PROJECT NO.			HIGHWAY NO.
CK:	6	TEXAS				SH 99
DRN:	STATE DISTRICT	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
CK:						25

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ATTACHMENT 4: MAINTENANCE MANAGEMENT PLAN CONTENTS

Part	Reference	Section	Contents
1. General Management and Administration			
	1.1	Organization	DB Contractor's main contractual arrangements
			Organizational structure covering the activities to be performed in accordance with the CMA Documents
	1.2	Personnel	DB Contractor's approach to provide experienced personnel for the maintenance of the Project including a training program for personnel and Subcontractors
			Arrangements for coordinating and managing staff interaction with TxDOT and its consultants
			Names and contact details, titles, and job roles of personnel for Subcontractors and any third party with which DB Contractor will coordinate its activities
			Names and contact details, titles, and job roles of personnel
			Procedures for providing training for personnel involved with environmental mitigation activities and Hazardous Materials handling
	1.3	Maintenance Communications Plan	Procedures for communication of Project information between DB Contractor's organization and TxDOT and for communication with other Governmental Entities, Utilities, and third parties as appropriate
	1.4	Project Meetings	List of regularly scheduled meetings including frequency and personnel
	1.5	Procurement	Procedures for procurement of services, materials and products including methods to ensure best value
	1.6	Subcontractors	Overall control procedures for Subcontractors, including consultants and subconsultants
			Responsibility of Subcontractors and Affiliates
			Steps taken to ensure Subcontractors and Suppliers meet the obligations imposed by their respective Subcontracts
			Procedures for providing training for employees of Subcontractors involving with environmental mitigation activities and Hazardous Materials handling
	1.7	Resources	Procedures for maintaining equipment
			Tools and equipment list
			Maintenance and service manuals
	1.8	Insurances	The checklist of all required insurances required for the Maintenance Services with dates on which policies were renewed and dates proof of insurance was provided to TxDOT
2. Environmental Compliance			
	2.1	Governmental Approvals and Permits	The required permits for Governmental Entities and third parties as part of the Maintenance Services
	2.2	Hazardous Materials Management Plan	Procedures for handling Hazardous Materials
	2.3	SW3P Implementation	Procedures for implementation of SW3P including criteria determining the types of Maintenance Services for which SW3P requirements shall be followed
	2.4	Pollution Prevention Plan	Information required for P2 Plan when applicable in accordance with Texas Waste Reduction Policy Act.

Part	Reference	Section	Contents
	2.5	Environmental Compliance and Mitigation Plan	Compliance strategies and procedures to be employed in accordance with the requirements of applicable Environmental Laws and Environmental Approvals
3. Maintenance Limits & Schedules			
	3.1	Maintenance Limits	Maintenance Limits as set forth in Section 3.1.1.1 of the Capital Maintenance Agreement
	3.2	Performance Sections	Performance Section drawings as set forth in Section 1.5.1 of Exhibit 2
	3.3	Maintenance Services Deliverable Schedule	Schedule to include all principal submittals in connection with the Maintenance Services
4. Compliance with Performance Requirements			
	4.1	Principal Activities	Procedures for how the principal activities will be performed during the Maintenance Period including inspections regime
	4.2	Performance Requirements	Procedures to meet the Performance Requirements, measurement procedures, threshold values at which maintenance is required, inspection procedures and frequencies, and subsequent maintenance to address Defects, as well as thresholds for rehabilitation in accordance with the Performance and Measurement Table and Good Industry Practice
			Performance and Measurement Table
	4.3	Maintenance Management System	Procedures for establishing Maintenance Management System
			Software including sample reports and links to MMS training
			Software updates
			Documentation and forms
			Procedures for tracking and reporting Noncompliance Events
			Procedures to respond to comments and/or complaints received from Users and others
	4.4	Defects	Process for identifying, recording, and categorizing Defects set forth in Section 1.3.2 of Exhibit 2
5. Maintenance Safety Plan			
	5.1	Procedures	Policies, plans, training programs, and work site controls to ensure the health and safety of personnel involved in the Project and the general public affected by the Project throughout the Maintenance Period
6. Maintenance Services Quality Management Plan			
	6.1	Organization	Quality organization and staffing plan
	6.2	Procedures	Procedures for quality control activities including a complete description of the quality policies and objectives
7. Traffic Management Plan			
	7.1	Personnel	Qualifications and responsibilities of personnel
	7.2	Procedures	Procedures for setting out how DB Contractor will coordinate Lane Closure, and traffic control for conducting Maintenance Services
8. Maintenance Transition Plan			
	8.1	Procedures	Procedures for preparing list of items to be transferred to TxDOT

Part	Reference	Section	Contents
9. Required Key Appendices			
	9.1	Contact List	Refer to 1.2 Personnel of this Attachment 4
	9.2	Resources and Manuals	Refer to 1.7 Resources of this Attachment 4
	9.3	Insurance Verification	Refer to 1.8 Insurances of this Attachment 4
	9.4	Maintenance Limits & Performance Sections	Refer to 3.1 Maintenance Limits and 3.2 Performance Sections of this Attachment 4
	9.5	Maintenance Services Deliverable Schedule	Refer to 3.3 Maintenance Services Deliverable Schedule of this Attachment 4
	9.6	Performance and Measurement Tables	Refer to 4.2 Performance Requirements of this Attachment 4
	9.7	Maintenance Management System Details	Refer to 4.3 Maintenance Management System of this Attachment 4

ATTACHMENT 5: NOT USED

ATTACHMENT 6: LANE CLOSURE REQUIREMENTS

6.1 General Requirements

Lane Closures will be permitted as part of a traffic control plan when DB Contractor can demonstrate that the Lane Closure is necessary to complete Maintenance Services and complies with the restrictions set forth in Table 6-1 (for which the maximum number of lanes closed at any time during the Lane Closure does not exceed the "maximum lanes permitted for closure" for the applicable roadway type and time period). TxDOT will approve additional Lane Closures only if DB Contractor can demonstrate that the Lane Closure is essential for the safe performance of Maintenance Services and will subject to an approval of a traffic control plan.

Lane Closures must be coordinated with adjacent projects. Where multiple requests for traffic control are received from the DB Contractor and Governmental Entities that would adversely affect Users if implemented simultaneously, TxDOT will give priority to the closure submitted first. The safety of workers and the traveling public must be the first consideration when determining the appropriate time to implement a Lane Closure.

DB Contractor shall coordinate Lane Closures that may affect any roadways adjacent to, connecting with or crossing under or over the Project with TxDOT and Governmental Entities, to ensure that no conflicts occur.

The DB Contractor shall provide traffic control plans and advance notification of all Lane Closures as shown below:

- The traffic control plan for a Partial Lane Closure should be submitted to TxDOT for review no later than 10 days before implementation.
- The traffic control plan for a Full Lane Closure should be submitted for TxDOT approval no later than 14 days before implementation.

The following TxDOT policy and procedure manuals and references apply for all Lane Closures:

- Texas Manual of Uniform Traffic Control Devices (TMUTCD)
- TxDOT Traffic Control Plan Standards
- TxDOT Barricade and Construction Standards
- TxDOT Standard Specifications "Item 502 (Barricades Signs and Traffic Handling)

The Lane Closure requirements in Section 6.2 to 6.5 supplement the above list of manuals and references for the Project.

6.2 Lane Closure Restrictions

Table 6-1 defines the restrictions applicable to Lane Closures for the Project. In addition,

- DB Contractor shall maintain a minimum of one driveway per business at all times. For businesses with multiple driveways, when driveway closure is necessary to progress Maintenance Services, no driveway may be closed for more than thirty (30) consecutive days or more than forty-five (45) days in a ninety (90) day period.
- DB Contractor shall not close two consecutive entrance ramps or two consecutive exit ramps at the same time.

Table 6-1: Lane Closure Restrictions

Roadway	**Roadway Lanes** (one direction)	**Lane Closure Types (**Maximum Lanes Permitted for Closure **)***		
		Peak Periods Monday-Friday	Off-Peak Periods Monday-Friday	Lowest Volume Periods Monday-Friday
Mainlanes	3 (if applicable)	None	Type 3	Type 4
	2	None	Type 2	Type 3
	1	None	Type 1	Type 2
Ramps	3 (if applicable)	None	Type 4	Type 5
	2	None	Type 3	Type 4
	1	None	Type 2	Type 3
Direct Connectors (if applicable)	3 (if applicable)	None	Type 4	Type 5
	2	None	Type 3	Type 4
	1	None	Type 2	Type 3
Frontage Roads	3 (if applicable)	None	Type 4	Type 5
	2	None	Type 3	Type 4
	1	None	Type 2	Type 3
Cross Streets	3 (if applicable)	None	Type 4	Type 5
	2	None	Type 3	Type 4
	1	None	Type 2	Type 3

* Lane Closure Types (Type 1 with least lanes closed and Type 5 with most lanes closed):

- Type 1: Close 1 shoulder only
- Type 2: Close 1 travel lane or 1 shoulder but not both
- Type 3: Close 1 travel lane or 1 shoulder or 1 travel and 1 shoulder
- Type 4: Close 2 travel lanes or 2 travel lanes and 1 shoulder
- Type 5: Close 3 travel lanes or 3 travel lanes and 1 shoulder

6.3 Emergency Closures

Additionally, the following events are considered Emergency Closures and will not be subject to Lane Closure restrictions in Table 6-1.

- a Lane Closure due to a TxDOT-Directed Change;
- a Lane Closure specified, caused or ordered by, and continuing only for so long as required by, TxDOT or any Governmental Entity, or a Utility Owner performing work under a permit issued by TxDOT;
- a Lane Closure required due to a Force Majeure Event;
- a Lane Closure required due to an Incident; or
- a Lane Closure required solely for the hazard mitigation of a Category 1 Defect and persisting for no longer than the Defect Remedy Period.

For each event set forth above, the Lane Closure will be an Emergency Closure only if DB Contractor is using commercially reasonable efforts to: (i) mitigate the impact of such event, (ii) reopen the affected segment to traffic, and (iii) minimize the impact of DB Contractor's activities and the Lane Closure to traffic flow.

6.4 Detour Usage

DB Contractor shall use State routes for detour routes, wherever applicable. If State routes are unavailable, DB Contractor shall use local roadways, provided that DB Contractor has obtained TxDOT's approval and the necessary permits from the Governmental Entity having jurisdiction.

DB Contractor shall provide motorists with guidance on the use of alternate routes to divert traffic around the construction, detouring around specific construction sites, and traveling through the construction areas. This shall include the installation and maintenance of temporary regional signs and changeable message signs to divert traffic around the Project. Motorist guidance to and along detour routes shall be provided, together with regional guidance.

6.5 Restricted Hours

A. Holiday Restrictions

No Lane Closure that restricts or interferes with traffic shall be allowed from 12:00 PM (noon) on the day proceeding to 10:00 PM on the day after the following holiday schedule. No additional lane or ramp closure that restricts or interferes with traffic shall be allowed. TxDOT has the right to lengthen, shorten, or otherwise modify these restrictions as actual traffic conditions may warrant.

- New Year's Eve and New Year's Day (December 31 through January 1)
- Easter Holiday Weekend (Friday through Sunday)
- Memorial Day Weekend (Friday through Monday)
- Independence Day (July 3 through noon on July 5)
- Labor Day Weekend (Friday through Monday)
- Thanksgiving Holiday (Wednesday through Sunday)
- Christmas Holiday (December 23 through December 26)

B. Major Event Restrictions

DB Contractor shall coordinate with TxDOT regarding Lane Closures during regional events. TxDOT has the right to lengthen, shorten, or otherwise modify these restrictions as actual traffic conditions may warrant. TxDOT also has the right to modify the list of major events as they are added, rescheduled or warranted.

ATTACHMENT 7: FUNCTION CODES, DESCRIPTIONS AND ALLOCATION OF RESPONSIBILITY

CODE	TITLE	MAINTENANCE ACTIVITY	RESPONSIBILITY		ALLOCATION OF RESPONSIBILITY NOTES
			DB CONTRACTOR	TxDOT/THIRD PARTY	
BASE AND SUBGRADE (TRAVEL LANE AND SHOULDERS)					CMA responsible for all base and Subgrade maintenance activities. Where repairs solely due to accident damage by third party, DBC eligible for Change Order.
110+	Base Removal and Replacement (UM = CY)	The removal of base and/or subgrade materials from distressed or failed areas and replacement with suitable material. (Includes resurfacing.)	X		
120+	In Place Repair (UM = CY)	In place repair of existing base and/or subgrade material (Includes resurfacing, may or may not include additional stabilizing material).	X		
135+	Install and/or Maintain Under-drains (UM=EA)	Installation, repair and maintenance of all types of under-drains.	X		
145+	Unpaved Road Maintenance (UM = SY)	Repair of gravel or dirt roads, including blading, addition of base, etc.	X		
ASPHALTIC SURFACES (Travel Lane and Shoulders)					DB Contractor responsible for all Asphaltic Surfaces maintenance activities. Where repairs solely due to accident damage by third party, DB Contractor eligible for Change Order.
211+	Leveling or Overlay with Laydown Machine (UM = SY)	The application of asphaltic tack coat and placing asphaltic concrete material to improve the ride qualities or level up low spots.	X		
212+	Leveling or Overlay with Maintainer (UM = SY)	The application of asphaltic tack coat and placing layers of asphaltic concrete material.	X		
213+	Leveling by Hand (UM = SY)	The application of asphaltic tack coat and placing layers of asphaltic concrete material. This includes repair of pavement areas greater than one square yard.	X		
214+	Leveling or Overlay with Dragbox (UM=SY)	The application of asphaltic tack coat and placing layers of asphaltic concrete material.	X		
225+	Sealing Cracks (UM = LM)	Cleaning, filling and sealing cracks in the pavement using asphaltic rubber or other sealants.	X		
231+	Seal Coat (UM = SY)	Application of a single layer of asphaltic material followed by the application of a single layer of aggregate over the full width of the travel lane or shoulder (greater than 6' in width) for a minimum of 1000 continuous feet.	X		
232+	Strip or Spot Seal Coat (UM = SY)	Application of a single layer of asphaltic material followed by the application of a single layer of aggregate over areas that are not full width of the	X		

CODE	TITLE	MAINTENANCE ACTIVITY	RESPONSIBILITY		ALLOCATION OF RESPONSIBILITY NOTES
			DB CONTRACTOR	TxDOT/THIRD PARTY	
		travel lane or shoulder (6' or less in width), or the full width of the lane or shoulder but less than 1000 feet in length.			
233+	Fog Seal (UM = SY)	Retain aggregate, enliven surface and/or seal hairline cracks by the application of a thin layer of asphaltic material.	X		
235+	Microsurfacing (UM = SY)	The application of a polymer modified high performance emulsion coupled with fine graded aggregate, mineral fillers and special additives in a slurry, to fill ruts or to provide a new wearing surface. (Caution: Should not be used to seal cracked pavements.)	X		
241+	Pothole Repair (UM = EA)	The repair of holes with an area less than or equal to one square yard. Charge to Function 213 if greater than one square yard.	X		
245+	Adding or Widening Pavement (UM = SY)	Widening travel lanes up to two (2) feet or adding shoulders up to four (4) feet to correct a maintenance problem (includes subgrade, base and surfacing, or adding turn lanes to improve safety).	X		This activity is a DB Contractor responsibility only where widening is needed to correct a maintenance problem.
252+	Milling or Planing (UM = SY)	The removal of the pavement surface by planning or milling.	X		
253+	Spot Milling (UM=SY)	The removal of pavement surface by milling using a small milling machine (drum width is 4 feet or less).	X		
265+	Treat Bleeding Pavement (UM = SY)		X		
270+	Edge Repair (UM = LF)		X		
CONCRETE PAVEMENT (Travel Lanes and Shoulders)					DB Contractor responsible for all Concrete Pavement maintenance activities. Where repairs solely due to accident damage by third party, DB Contractor eligible for Change Order.
315	Slab Stabilization/Jacking (UM=SY)	Leveling concrete pavement through the use of hydraulically placed material.	X		
325+	Cleaning and Sealing Joints and Cracks (UM = LF)	Cleaning, filling and sealing of joints in concrete pavement.	X		
330	Blowouts and Stress Relief (UM=SY)	Repair of blowouts and cutting pavement for stress relief.	X		
345+	Repair Spalling (UM = SY)	Clean and fill spalled areas (not full depth of concrete slab).	X		
360+	Full Depth Removal and Replacement (UM = SY)	The removal and replacement of failed areas for the full depth of the concrete slab.	X		
APPROACHES AND MISCELLANEOUS SHOULDER MAINTENANCE					DB Contractor responsible for all Approaches and Miscellaneous Shoulder maintenance

CODE	TITLE	MAINTENANCE ACTIVITY	RESPONSIBILITY		ALLOCATION OF RESPONSIBILITY NOTES
			DB CONTRACTOR	TxDOT/THIRD PARTY	
					activities. Where repairs solely due to accident damage by third party, DB Contractor eligible for Change Order.
455+	Reshaping unpaved shoulders. (UM = LF)	Restore sod or flexible base shoulders to original sections. Includes reshaping frontslope to eliminate low pavement edges along a paved shoulder.	X		
480+	Side Road Approaches, Crossover and Turnouts (UM = SY)	The installation or maintenance of side road approaches, crossovers, historical markers, mailbox and litter barrel turnouts, etc.	X		
488+	Concrete Appurtenance Installation and Maintenance (UM=SY)	The maintenance, installation, or removal of concrete appurtenances which include curbs and/or gutters, raised medians, sidewalks and sound barriers.		X	
495+	Parking Area Maintenance (UM = SY)	Repair of subgrade, base or surface of areas including parking lots, park and ride lots and camping pads.	N/A		Not generally applicable to CMA
ROADSIDE AND OTHER					
511+	Mowing (UM = AC)	Mowing of the right-of-way		X	
513+	Spot Mowing (UM = HR)	Spot mowing of the right-of-way.		X	
520+	Illegal Dumpsite Removal and Disposal (UM=CY)	Removal and disposal of debris discarded or deposited in an unauthorized area in the right of way, such as under a bridge, overpass, culvert, etc.		X	
521+	Litter (UM = AC)	Removal and disposal of litter from the entire right-of-way, excluding paved areas, picnic and rest areas.		X	
522+	Street Sweeping (UM = MI)	Routine street sweeping. Units are the actual miles swept regardless of the centerline miles.		X	
523+	Debris (UM=MI)	Routine patrolling to remove and dispose of debris, including dead animals.		X	
524+	Spot Litter (UM = AC)	Spot removal and disposal of litter, including dead animals, from the right-of-way.		X	
525	Adopt-A-Highway (UM = HR)	Installation of posts and signs, materials furnished to groups, personnel and equipment used to assist in removal and disposal of collected litter.		X	
527	Hand Sweeping (UM=SY)	Hand sweeping of riprap, islands, medians, curb & gutter, bullpens, driveways, etc.		X	
530+	Removal of Graffiti (UM= SF)	Removal of graffiti from fixtures, wingwalls, bridge structures, etc. Not to be used in lieu of Function 733, Maintain Vandalized Signs, Function 731 or 732, Sign Maintenance.		X	
531+	Picnic Area Maintenance (Without Restrooms) (UM = HR)	Work performed in maintaining picnic areas, including mowing, litter pickup, emptying litter barrels, paved areas, maintenance of plantings, graffiti removal, etc.		X	

CODE	TITLE	MAINTENANCE ACTIVITY	RESPONSIBILITY		ALLOCATION OF RESPONSIBILITY NOTES
			DB CONTRACTOR	TxDOT/THIRD PARTY	
532+	Rest Area Facility Maintenance (UM = HR)	Work performed in janitorial and grounds maintenance, including mowing, litter pickup, emptying litter barrels, maintenance of plantings, cleaning restrooms, cleaning arbors, graffiti removal, minor painting, etc. This item shall also include special maintenance required to repair buildings, repair/replace arbors, picnic tables, fixtures, litter barrels, paved areas, etc. (including maintenance of treatment plants and dump stations).		X	
533+	Rest Area Facility Maintenance through Regional Contracts (UM = HR)	(Maintenance Division Use Only)		X	
535	Maintenance of Specialty Facilities (UM = HR)	All maintenance costs to specialty facilities including border safety inspection facilities (BSIFs), toll booths, service plazas, fences and associated appurtenances. The highway class code will determine the type of facility.		X	
536	Toll Road System Operations	All operating costs for all system toll roads. Maintenance costs should be charged to the appropriate segment 78 function.		X	
538	Pest Control (UM=AC)	Activities related to the use of predatory animal and insect control whether in turf and ornamental sites or on the ROW.		X	
540	Hand Vegetation Control (UM = HR)	Hand cleaning vegetation out of islands, medians, riprap, drainage channels, etc. by chemical, manual or mechanical means.		X	
541+	Chemical Vegetation Control, Edges (UM = AC)	Complete control of vegetation encroaching in pavement edges, shoulders, medians, islands and curbs with herbicides.		X	DB Contractor responsible for identifying to TxDOT where lack of vegetation control could affect Maintenance Element.
542+	Chemical Vegetation Control, Overspray (UM = AC)	Control of undesirable vegetation growth by overspraying the right-of-way including fixtures (i.e. signs, delineator, guardrails, culverts, etc) with herbicides.		X	DB Contractor responsible for identifying to TxDOT where lack of vegetation control could affect Maintenance Element.
544+	Chemical Vegetation Control, Ropewick (UM = AC)	Control of tall vegetation (i.e. Johnson grass) in the right of way with wick applicator.		X	
545	Chemical Vegetation Control, Basal Application (UM = HR)	Control of undesirable brush species in the right of way with a low volume basal bark application.		X	
548+	Seeding, Sodding, Hydromulching and Blanketing (UM = SY)	Seeding, sodding, hydromulching and/or placing soil retention blankets.	X	X	DB Contractor responsible if reason for activity is failure of Maintenance Element
551	Landscaping (UM=AC)	The installation or maintenance of landscape plantings and their facilities including planter walls, border, sprinkler systems, etc. (excluding picnic and		X	

CODE	TITLE	MAINTENANCE ACTIVITY	RESPONSIBILITY		ALLOCATION OF RESPONSIBILITY NOTES
			DB CONTRACTOR	TxDOT/THIRD PARTY	
		rest areas).			
552	Tree and Brush Control (UM=CL)	The trimming, pruning and disposal of shrubs, vines, and trees (excluding picnic and rest areas).		X	
558	Storm Water Pollution Protection (UM=LF)	Maintenance or Installation of storm water pollution protection plan (SW3P) in accordance with EPA regulation on projects designated by Area Engineers.		X	
560+	Riprap Installation and Maintenance (UM=SY)	Installation and maintenance of ditch liners, retards, down drains, riprap, flumes, concrete mowing strips, gabions, retaining walls and other erosion protection.		X	
561+	Ditch Maintenance (UM = CY)	Removal and hauling of silt, drift and/or filling eroded areas. Not to be used for work at culverts or bridges. (See Functions 570 and 620.)		X	
562+	Reshaping Ditches (UM = LF)	Reshaping ditches using maintainer and/or gradall, etc. Not to be used for work at culverts and bridges. (See Functions 570 and 620.)		X	
563+	Slope Repair/Stabilization (UM = SY)	Slope repair and/or stabilization. Not to be used for work at culverts and bridges. (See Functions 570 or 620)		X	
570	Culvert and Storm Drain Maintenance (UM=EA)	The repair and maintenance of culverts up to bridge classification (twenty feet measured along centerline of roadway). This work includes silt and debris removal from inlet, storm drains, retention ponds and culverts (except those costs associated with Function 571).		X	
571	Storm Water Pump Station Maintenance (UM=EA)	Repair and maintenance of motors, pumps, generators, wet wells, dry wells, debris screening baskets, buildings, etc., including costs of utility services.		X	
580+	Removal of Illegal Signs on ROW (Temporary, no special handling required.) (UM =EA)	Removal of illegal signs on right-of-way, including disposal and written notices to owners.		X	
581+	Removal of Illegal Signs on ROW (Permanent, special handling required.) (UM = EA)	Removal of illegal signs on right-of-way, including disposal and written notices to owners.		X	
582	Removal of Encroachments, Other than Signs (UM = HR)	Removal of illegal encroachments (other than signs) on the ROW, including disposal and written notice to owners.		X	
585+	Driveway Installation / Removal and Maintenance (UM = SY)	See access management policy		X	
591	Utilities and Driveway Inspection (UM = HR)			X	
593+	Cable Median Barrier (UM=LF)	Installation and maintenance of high tension cable median barrier systems, including the cable, posts	X	X	DB Contractor responsible only for work associated with Asphaltic and Concrete

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			DB CONTRACTOR	TxDOT/THIRD PARTY	
		and other end treatments.			Pavement renewal maintenance activities.
594+	Concrete Barrier (UM = LF)	Installation, removal and maintenance of concrete barrier, including attached headlight barrier fence.	X	X	DB Contractor responsible only for work associated with Asphaltic and Concrete Pavement renewal maintenance activities.
595+	Guard Fence (UM = LF)	Installation and maintenance of guard fence, M.B.G.F. turn down ends, median barrier and attached headlight barrier fence, including posts, metal beams, etc. (End treatment other than turn down ends see Function 596)	X	X	DB Contractor responsible only for work associated with Asphaltic and Concrete Pavement renewal maintenance activities.
596+	Guardrail End Treatment Systems (UM=EA)	Installation and maintenance of guardrail end treatments systems. (For attenuators other than GETS, see function 725)		X	
597+	Mailboxes, Installation and Maintenance (UM = EA)			X	
598	Boat Ramp Maintenance (UM = HR)	Work performed in maintaining boat ramps including mowing, litter pick-up, emptying litter barrels, maintenance of paved and unpaved areas, etc.		X	
BRIDGES AND BRIDGE CHANNELS					
610+	Bridges, Movable Span (UM = HR)	Operation, routine maintenance and inspection of movable span bridges, (Swing barge, lift or turn). Restricted use: Beaumont, Houston, Pharr, and Yoakum District only.	X		
611+	Bridges, Portable (UM=HR)	Installation, removal, maintenance and inspection of portable bridges.	X		
620+	Bridge Channel Maintenance (UM=CY)	Removing of silt and drift, filling eroded areas, maintenance and repair of fenders, jetties, dikes, riprap and channel maintenance (including easements) except under bridges.	X		
628+	Bridges, Rail (UM = LF)	Maintenance of bridge rail, posts and post connections to deck, including painting.	X		
645+	Bridges, Joint Maintenance (UM =LF)	Repair of bridge joints including cleaning and sealing.	X		
646+	Bridges, Joint Replacement (UM =LF)	Replacement of bridge joints.	X		
650+	Bridges, Deck (UM = SF)	Repair to bridge decks.	X		
660+	Bridges, Superstructure, Concrete (UM=SF)	Routine maintenance of concrete components of the bridge superstructure.	X		
665+	Bridges, Superstructure, Steel (UM=SF)	Routine maintenance of the steel components of the bridge superstructure, including bearings, concrete diaphragm and beams.	X		
670+	Bridges, Substructure, Concrete (UM=SF)	Routine maintenance of the concrete components of the bridge substructure including caps, columns,	X		

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		abutments, wingwalls, piling, etc.			
675+	Bridges, Substructure, Steel and Timber (UM=SF)	Routine maintenance of the steel or timber components of the bridge substructure including caps, abutments, pile extensions, etc.	X		
680+	Bridges, Painting (UM=SF)	Cleaning and painting of steel superstructure or steel substructure.	X		
690+	Bridges, Mechanical and Electrical (UM = HR)	Maintenance and repair of the electrical and mechanical components of a bridge.	X		
695+	Fender Systems (UM=HR)	Installation and maintenance of fender systems.	X		
TRAFFIC OPERATIONS					
711+	Paint and Bead Striping (UM=LF)	Striping or re-striping lane lines, center lines and edge lines using paint and beads.	X	X	DB Contractor responsible only for work associated with Asphaltic and Concrete Pavement renewal maintenance activities.
712+	High Performance Striping (UM=LF)	Striping or re-striping lanes lines, centerlines and edge lines using thermoplastic or other high performance materials.	X	X	DB Contractor responsible only for work associated with Asphaltic and Concrete Pavement renewal maintenance activities.
713	Specialty Markings (UM=EA)	Medians, islands and other pavement markings not covered under functions 711 or 712. (Including make-ready operations for all stripe alignment, such as spotting, tabs, temporary tape, etc.)	X	X	DB Contractor responsible only for work associated with Asphaltic and Concrete Pavement renewal maintenance activities.
715	Removing Pavement Striping (UM=LF)	Function 715 should be used for all activities associated with the removal or obliteration of pavement stripes when the stripe is not going to be replaced. Work items could include grinding, burning, scraping or covering existing pavement stripes by applying an asphaltic material.	X	X	DB Contractor responsible only for work associated with Asphaltic and Concrete Pavement renewal maintenance activities.
716	Performance-Based Contract Distribution (UM=LM)	These contracts are set up to pay the contractor a fixed price on a periodic basis regardless of the type of work performed and/or the amount of work performed.		N/A	
721+	Delineators (UM = EA)	Installation, maintenance and/or replacement of damaged or missing delineators and/or posts. This function shall include straightening of posts. Measured by each post and each reflector replaced.	X	X	DB Contractor responsible only for work associated with Asphaltic and Concrete Pavement renewal maintenance activities.
724	Roadway Access Control (UM=LF)	Installation and maintenance of barriers other than those covered by Functions 594 and 595, designed to control access on highways, including post and cable fences, ROW fences and cattle guards.		X	
725	Vehicle Attenuators (UM=EA)	Installation and maintenance of vehicle attenuator, crash cushions, etc. (Includes end treatment devices on guard fence).		X	
731+	Install or Reinstall Small Signs (UM=EA)	The installation of signs (less than 4' x 4'). Includes the installation of an old sign on a new post or the		X	

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		installation of a new sign on an existing post. Not to be used in lieu of Function 733, Maintain Vandalized Signs, Installation of Large Signs Function 732, or Adopt-A-Highway Function 525.			
732+	Install or Reinstall Large Signs (UM=EA)	The installation of signs (equal to or greater than 4' x 4'). Includes the installation of an old sign on a new post or the installation of a new sign on an existing post. Not to be used in lieu of Function 733, Maintain Vandalized Signs, Installation of Small Signs Function 731, or Adopt-A-Highway Function 525.		X	DB Contractor responsible for Maintenance Services associated with sign gantries in accordance with Performance and Measurement Table Item 3.3
733+	Vandalized Signs (UM = EA)	Replacement or repair of signs damaged by vandalism.		X	
738	Installation and Maintenance of Flashing Beacons (UM=EA)	Installation and maintenance of overhead flashing beacons, pedestal or sign mounted flashing beacons, etc.		X	
742	Illumination (UM=EA)	Installation, maintenance and operation of illumination systems including continuous lighting, safety lighting, and sign illumination.	X	X	DB Contractor responsible for Maintenance Services associated with high masts in accordance with Performance and Measurement Table Item 3.3
743	Installation and Maintenance of Isolated Traffic Signals (UM=EA)	Maintenance and operation of isolated traffic signals, diamond interchange signals, etc.	X	X	DB Contractor responsible for Maintenance Services associated with signal gantries in accordance with Performance and Measurement Table Item 3.3
745	Traffic Management System (UM=CM)	Maintenance and operation of traffic management systems on freeways or non-freeways, entrance/exit ramps, motorist information (e.g. changeable message signs, highway advisory radio, etc.), surveillance and related communications equipment. (ITS Control Center personnel should charge to Segment 70, Detail 0570).		X	
750+	Installation & Removal of Pavement Markers (UM=EA)	Installation and/or removal of traffic buttons or reflective pavement markers.	X	X	DB Contractor responsible only for work associated with Asphaltic and Concrete Pavement renewal maintenance activities.
790	Miscellaneous Traffic Services (UM = HR)	All traffic surveys (including all motor vehicle and pedestrian counts at intersections) and directly related locations and other traffic services not covered elsewhere.		X	
799	Traffic Control Plan (UM = HR)	The placement, maintenance and removal of barricades, signs, cones, lights and other such devices needed to handle traffic during the maintenance operation.	X	X	TxDOT only responsible for TxDOT Maintained Elements.
EXTRAORDINARY MAINTENANCE					

CODE	TITLE	MAINTENANCE ACTIVITY	RESPONSIBILITY		ALLOCATION OF RESPONSIBILITY NOTES
			DB CONTRACTOR	TxDOT/THIRD PARTY	
811	Assistance to Traffic (Snow and Ice) (UM = HR)	Provide assistance to traffic caused by snow and ice conditions on all highways (includes sanding, deicing, clearing, removal, etc.).		X	
830	Hazardous Material Cleanup, Spill or Leaking Storage Tanks (UM = HR)	Investigation, testing, cleanup, removal, disposal, and restoration work associated with a spill or leaking storage tank.	X	X	DB Contractor responsible for Hazardous Materials clean-up of materials brought to the Maintenance Limits by DB Contractor. For Hazardous Materials where materials were deposited by a third party or associated with an Incident, DB Contractor eligible for a Change Order.
831	Hazardous Material Cleanup (Abandoned Materials) (UM = HR)	Investigation, testing, cleanup, removal, disposal, and restoration work associated with abandoned hazardous materials of unknown ownership.	X	X	DB Contractor responsible for Hazardous Materials clean-up of materials brought to the Maintenance Limits by DB Contractor. For Hazardous Materials where materials were deposited by a third party or associated with an Incident, DB Contractor eligible for a Change Order.