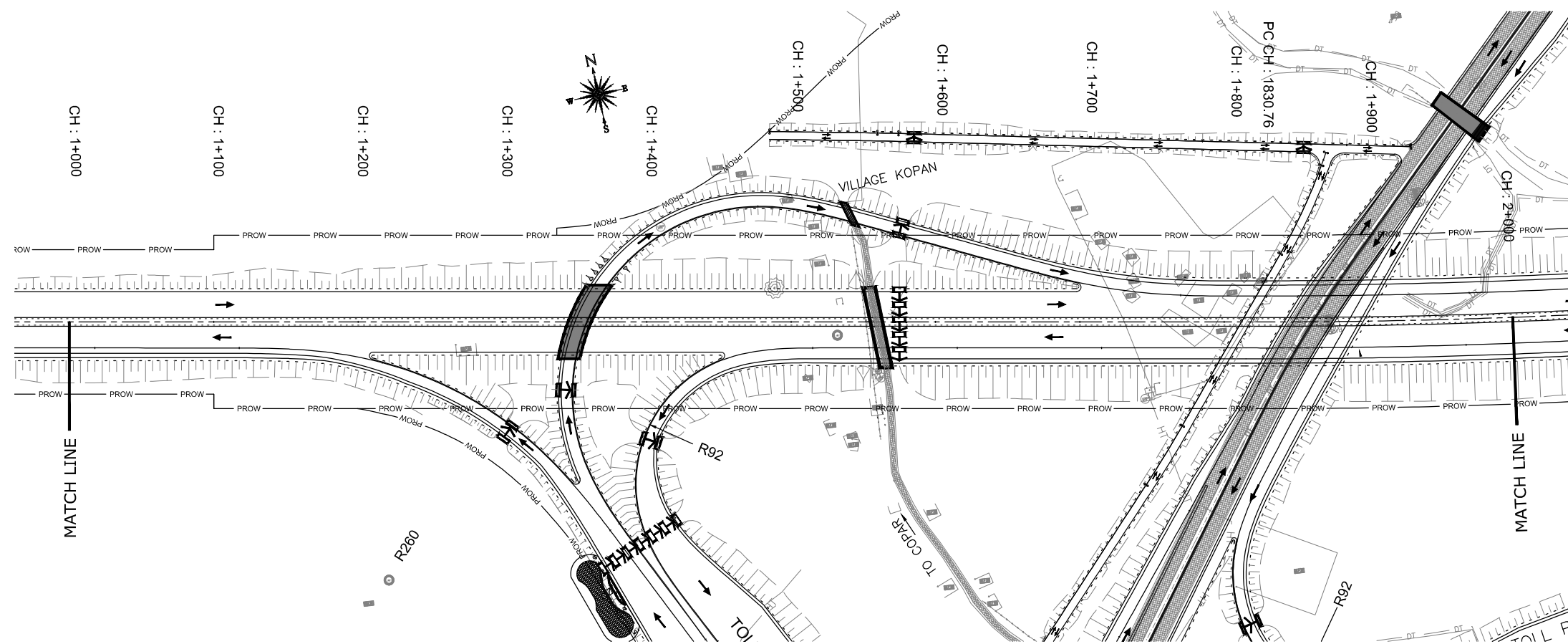
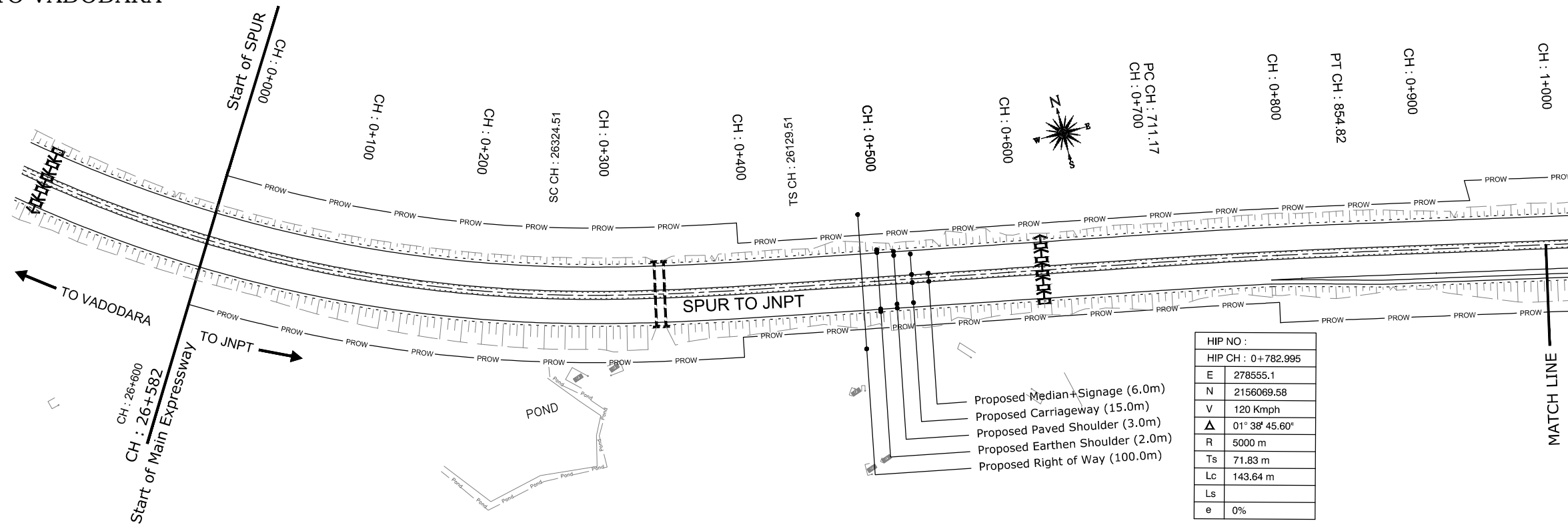


← TO VADODARA

TO JNPT →



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 1.000 to Km. 2.000



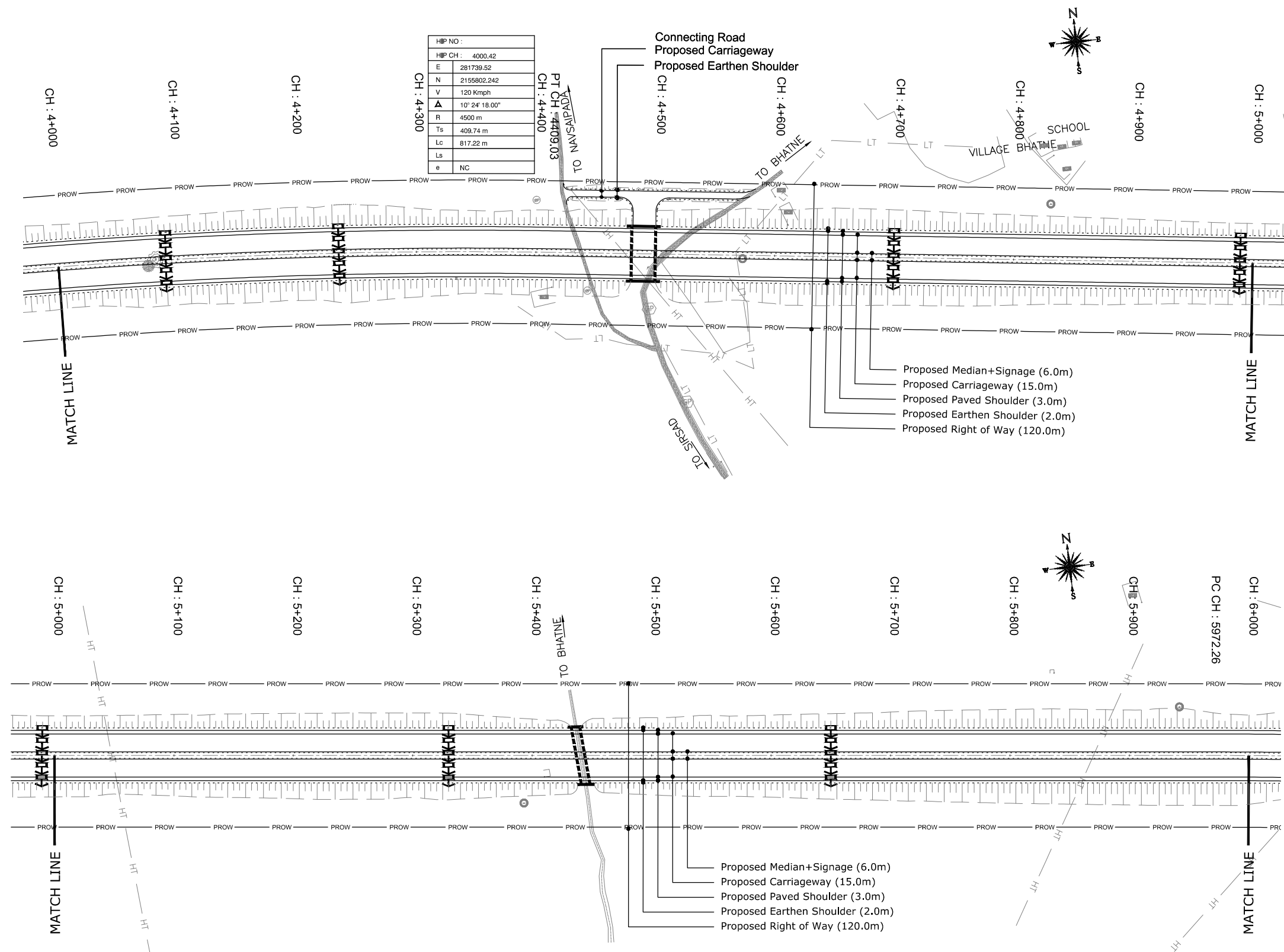
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← TO VADODARA

TO JNPT →



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 4.000 to Km. 6.000



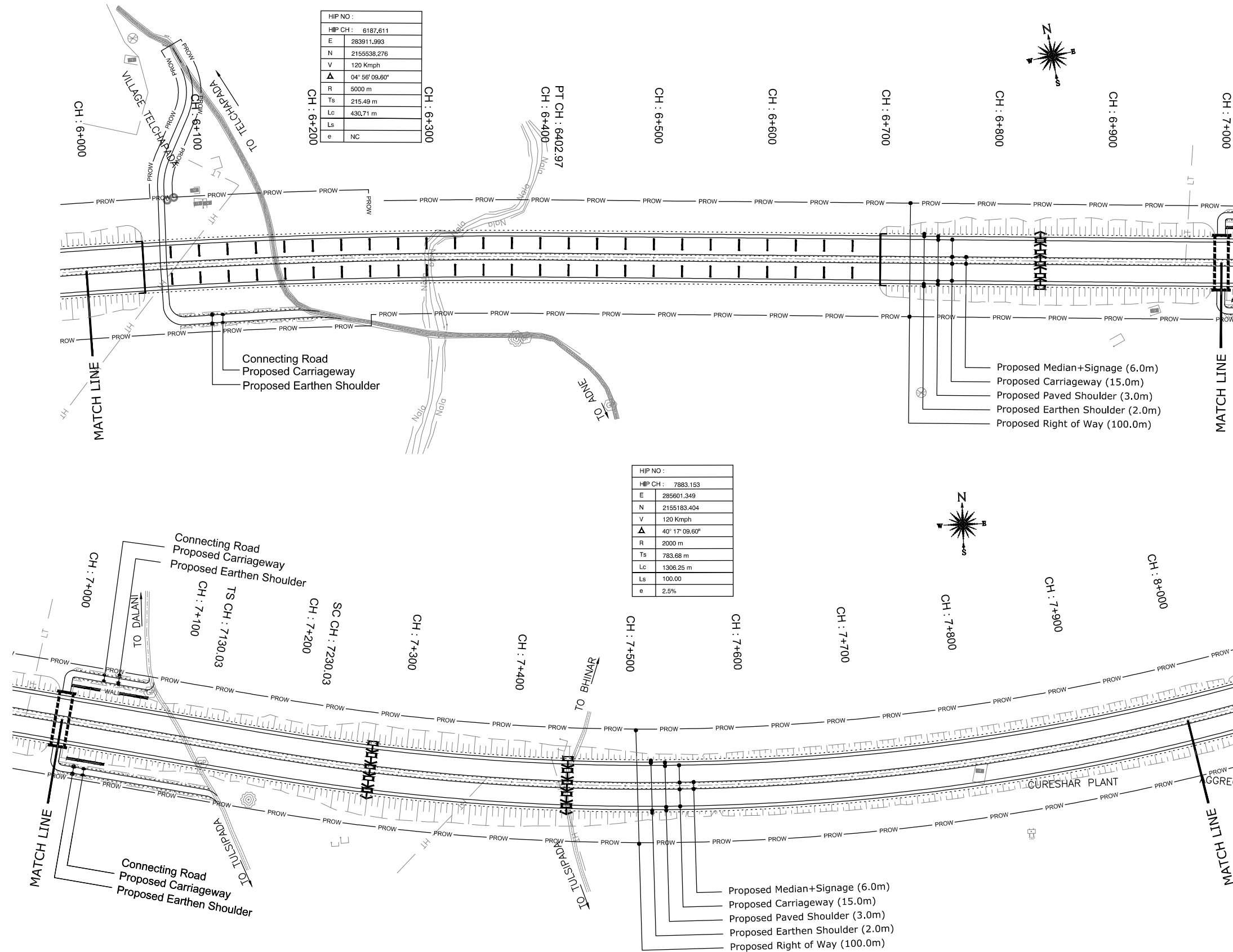
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← TO VADODARA

TO JNPT 



LEGEND

- | | |
|---|--|
| Proposed Center Line | |
| Proposed Median | |
| Proposed Carriageway Edge | |
| Proposed Service Road | |
| Proposed Toe Line | |
| Proposed Right of Way | |
| Proposed Toe Wall | |
| Proposed Culvert/Bridge /Underpass/Fly-over/ROB | |
| Grave Yard | |
| Gate Temporary/Permanents | |
| GPS | |
| Temporary Bench Mark | |
| Religious Structures | |
| Telephone Box | |
| Transformer Points | |
| Pylon | |
| Lamp Post | |
| Tree-T6, T5, T4, T3, T2 | |
| Tube Well, Well | |
| Hand Pump | |
| Municipal Tap | |
| Kilometer Stone | |
| OFC Pillar | |
| Petrol Pump | |
| North Symbol | |
| Railway Track | |
| Boundary of Forest/Garden | |
| Existing Paved Road | |
| Existing Unpaved Road (Cart Track) | |
| Fence Line | |
| High Tension Lines | |
| Low Tension Line | |
| River | |
| Pond | |
| Canal | |
| Drain | |
| Nala | |
| Gas Pipe Line | |
| HFL Line | |
| Water Pipe Line | |
| DFCC Line | |
| Building (Kaccha) | |
| Building (Pucca) | |
| Building (Institute) | |

ANNEX-2.1



Scale : 1 : 2500





Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Proposed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 6.000 to Km. 8.000



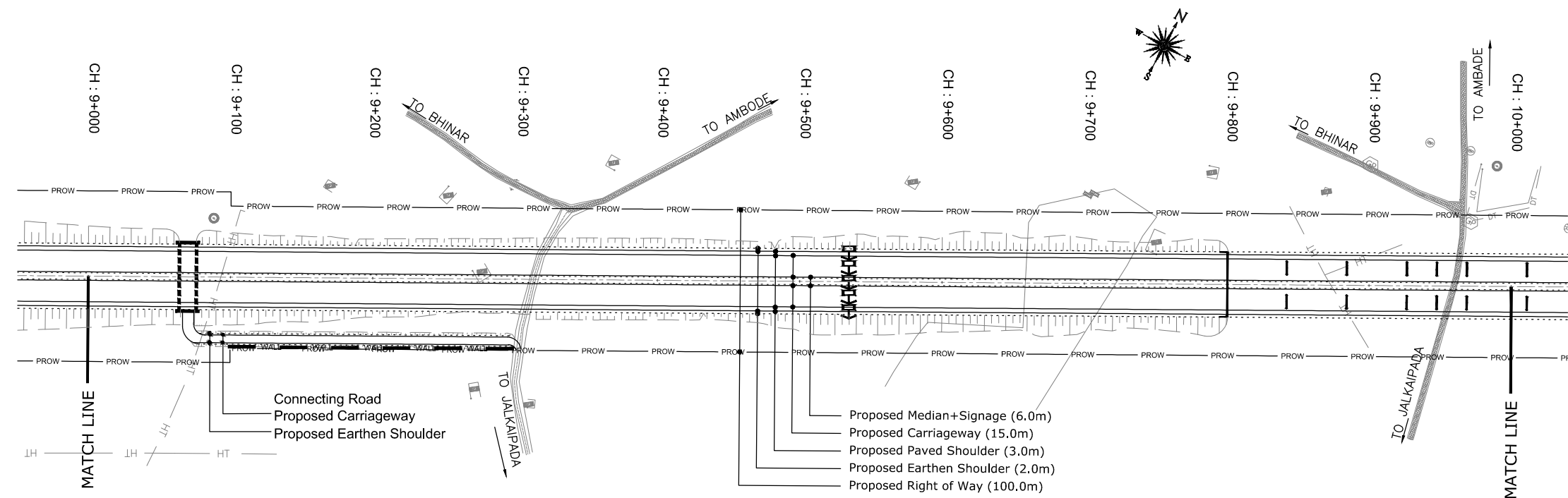
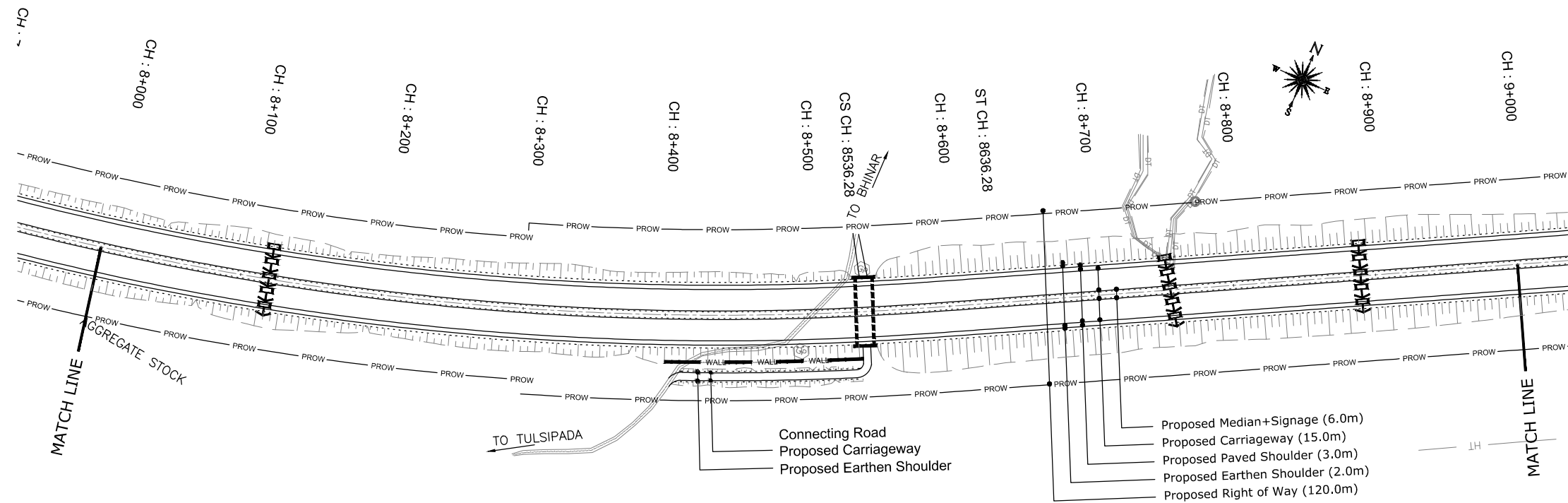
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← TO VADODARA

TO JNPT →



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN
Km. 8.000 to Km. 10.000



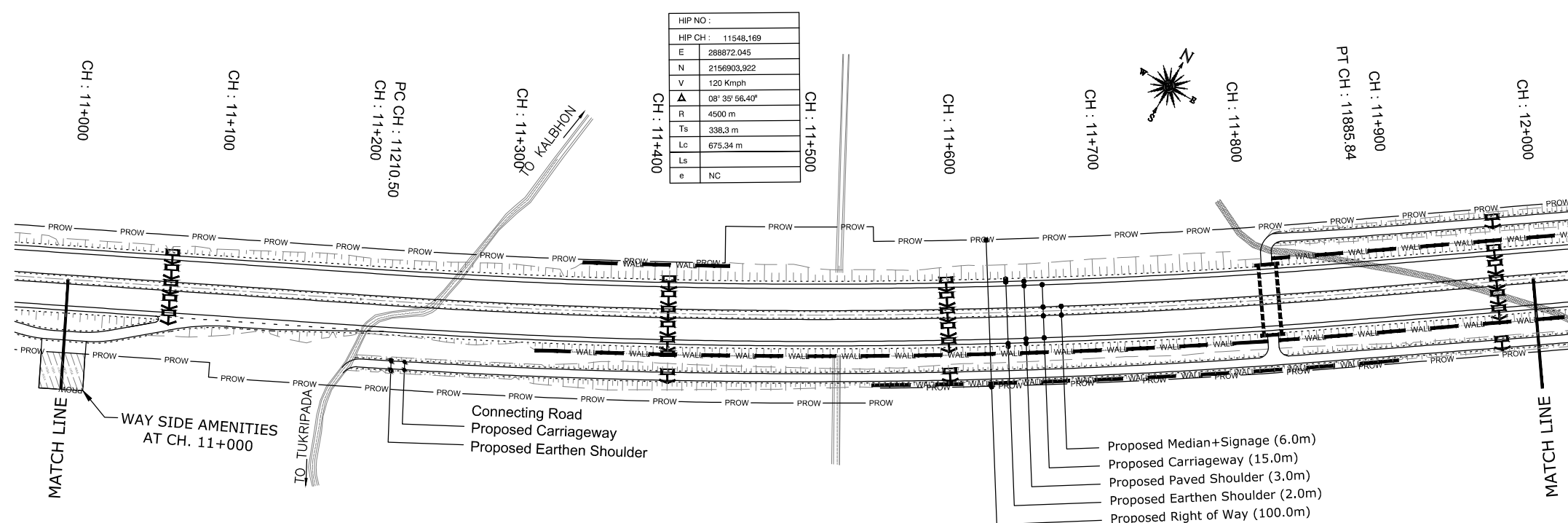
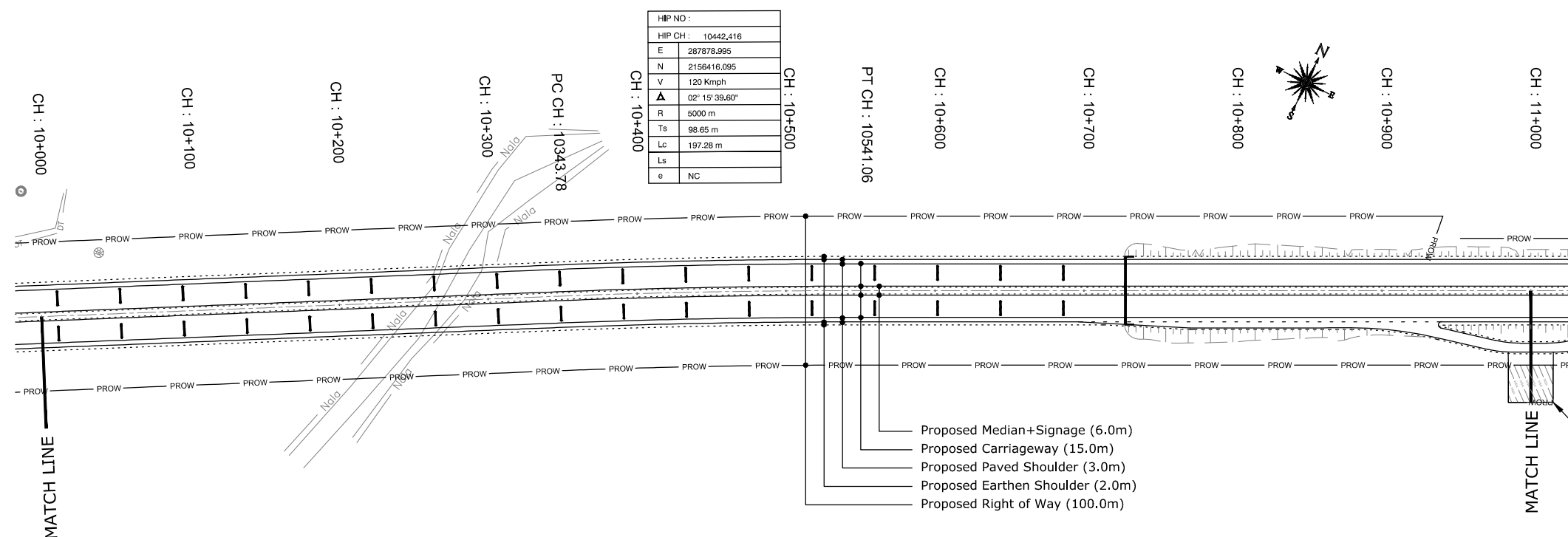
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TO JNPT 



LEGEND

- Proposed Center Line
Proposed Median
Proposed Carriageway Edge
Proposed Service Road
Proposed Toe Line
Proposed Right of Way
Proposed Toe Wall
Proposed Culvert/Bridge /Underpass/Fly-over/ROB
Grave Yard
Gate Temporary/Permanents
GPS
Temporary Bench Mark
Religious Structures
Telephone Box
Transformer Points
Pylon
Lamp Post
Tree-T6, T5, T4, T3, T2
Tube Well, Well
Hand Pump
Municipal Tap
Kilometer Stone
OFC Pillar
Petrol Pump
North Symbol
Railway Track
Boundary of Forest/Garden
Existing Paved Road
Existing Unpaved Road (Cart Track)
Fence Line
High Tension Lines
Low Tension Line
River
Pond
Canal
Drain
Nala
Gas Pipe Line
HFL Line
Water Pipe Line
DFCC Line
Building (Kaccha)
Building (Pucca)
Building (Institute)

ANNEX-2.1



Scale : 1 : 2500





Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Proposed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 10.000 to Km. 12.000



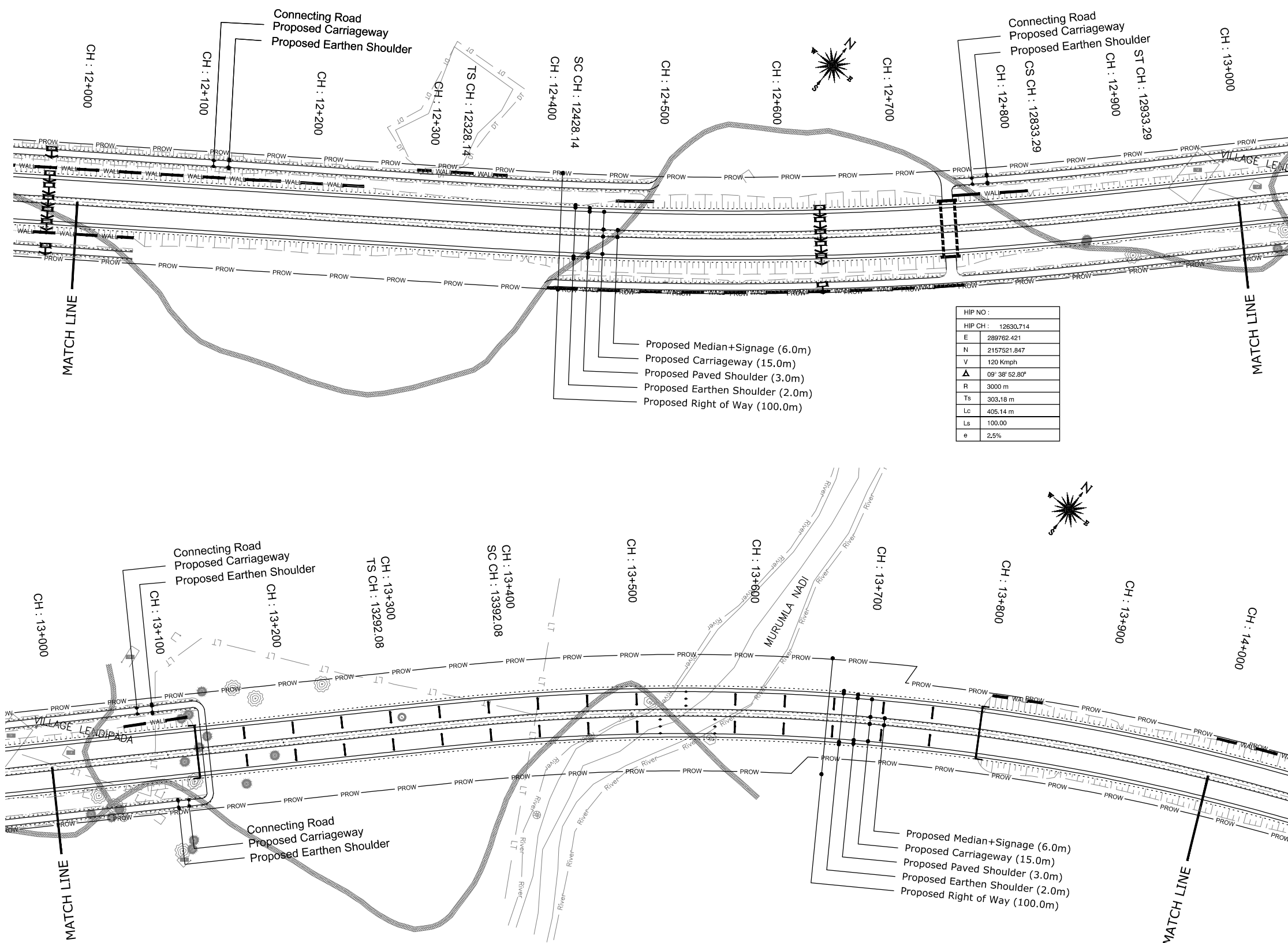
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Revisions			
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← TO VADODARA

TO JNPT →



HIP NO :	
HIP CH :	12630.714
E	289762.421
N	2157521.847
V	120 Km/h
Δ	09° 38' 52.80"
R	3000 m
Ts	303.18 m
Lc	405.14 m
Ls	100.00
e	2.5%

LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Proposed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 12.000 to Km. 14.000



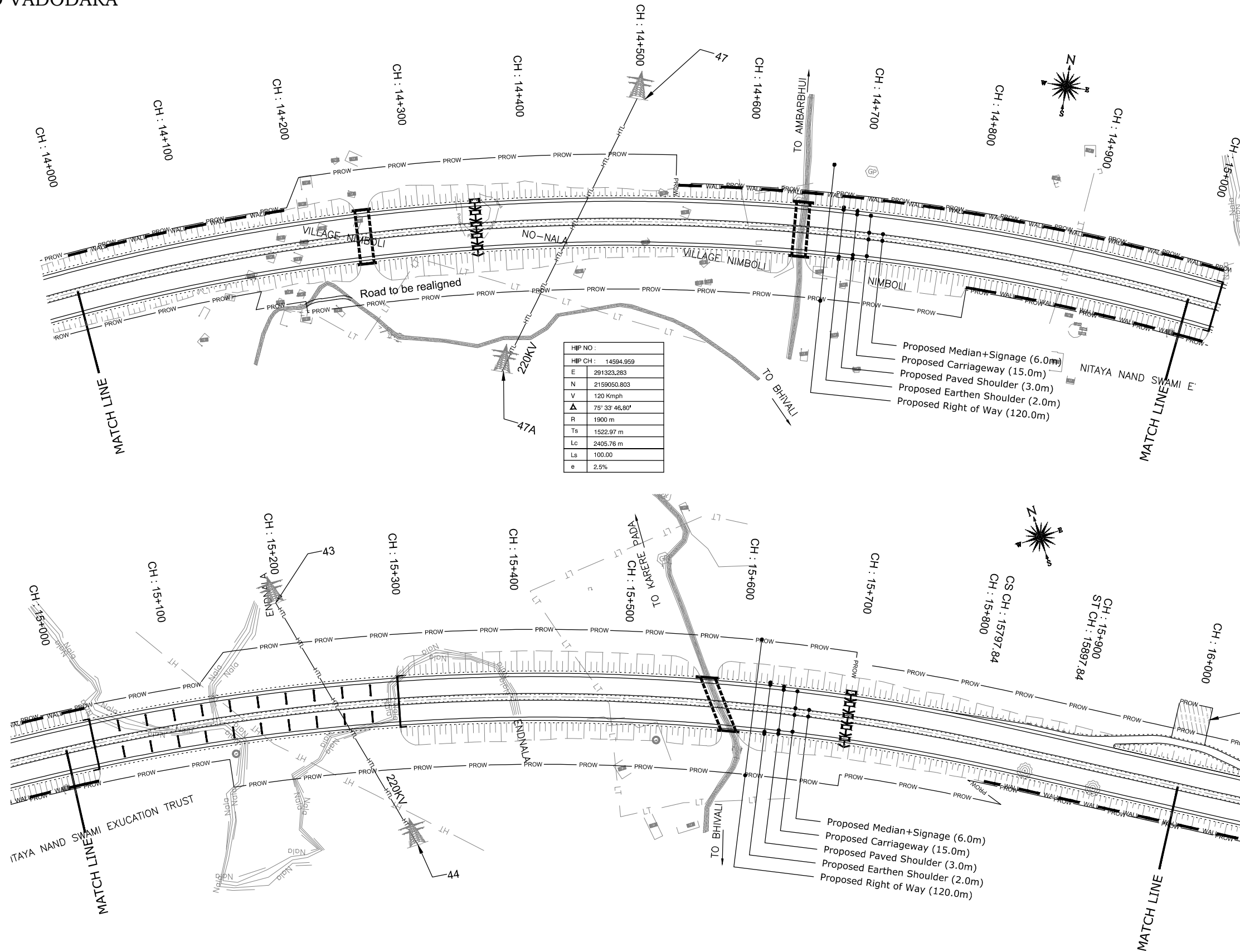
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TO JNPT →



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Proposed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 14.000 to Km. 16.000



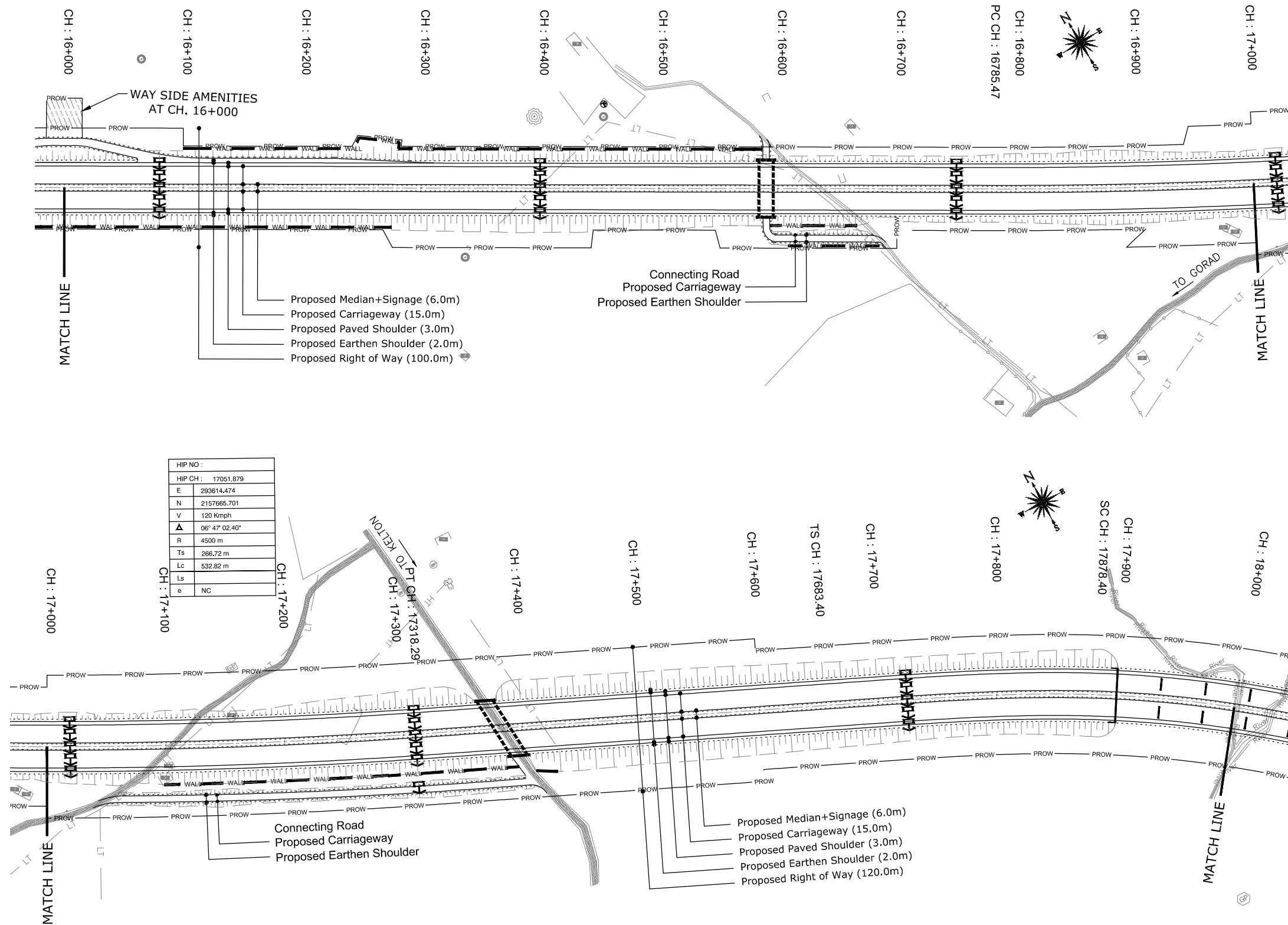
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LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 16.000 to Km. 18.000



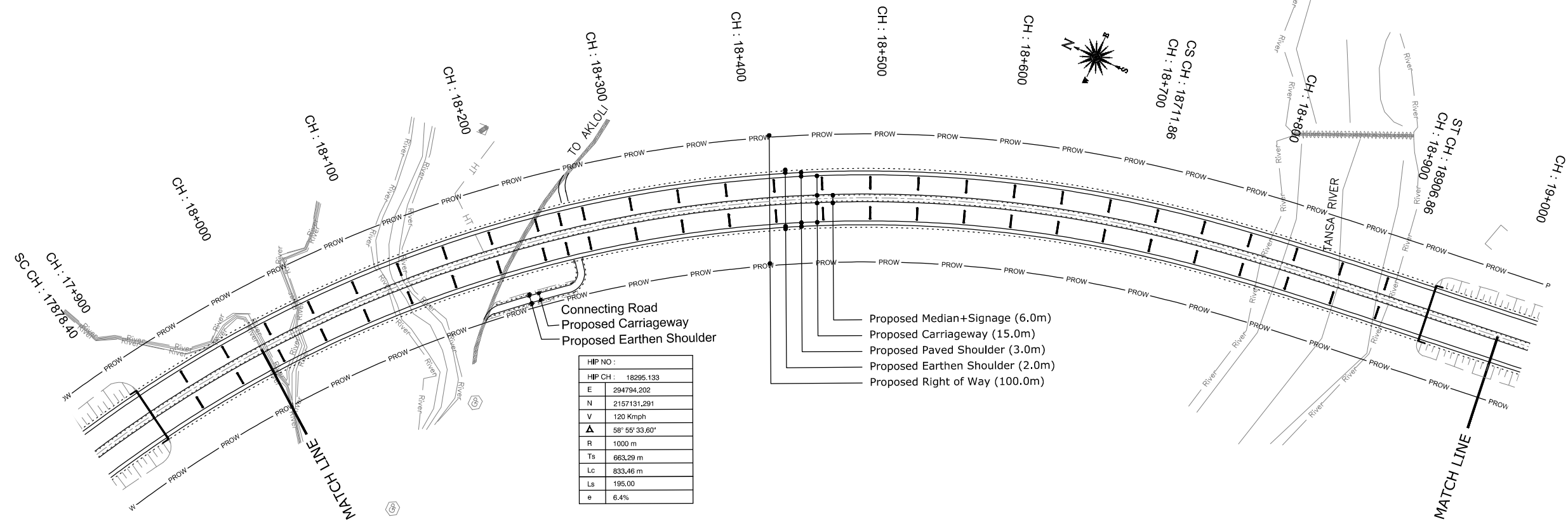
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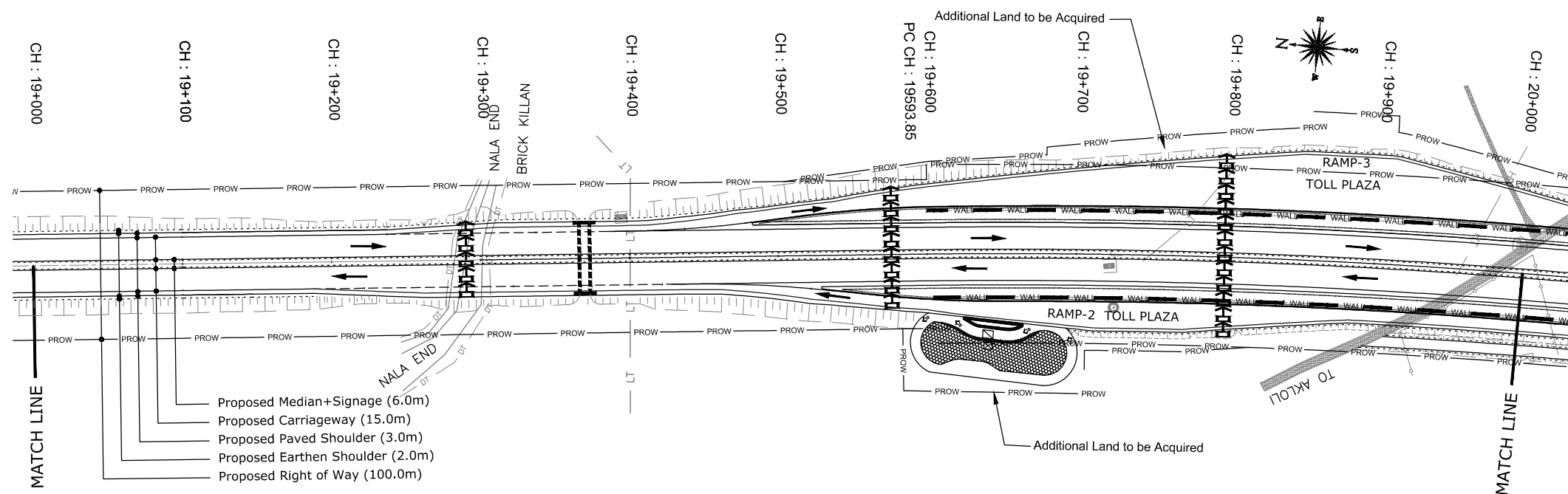
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→ TO JNPT



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	



ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 18.000 to Km. 20.000



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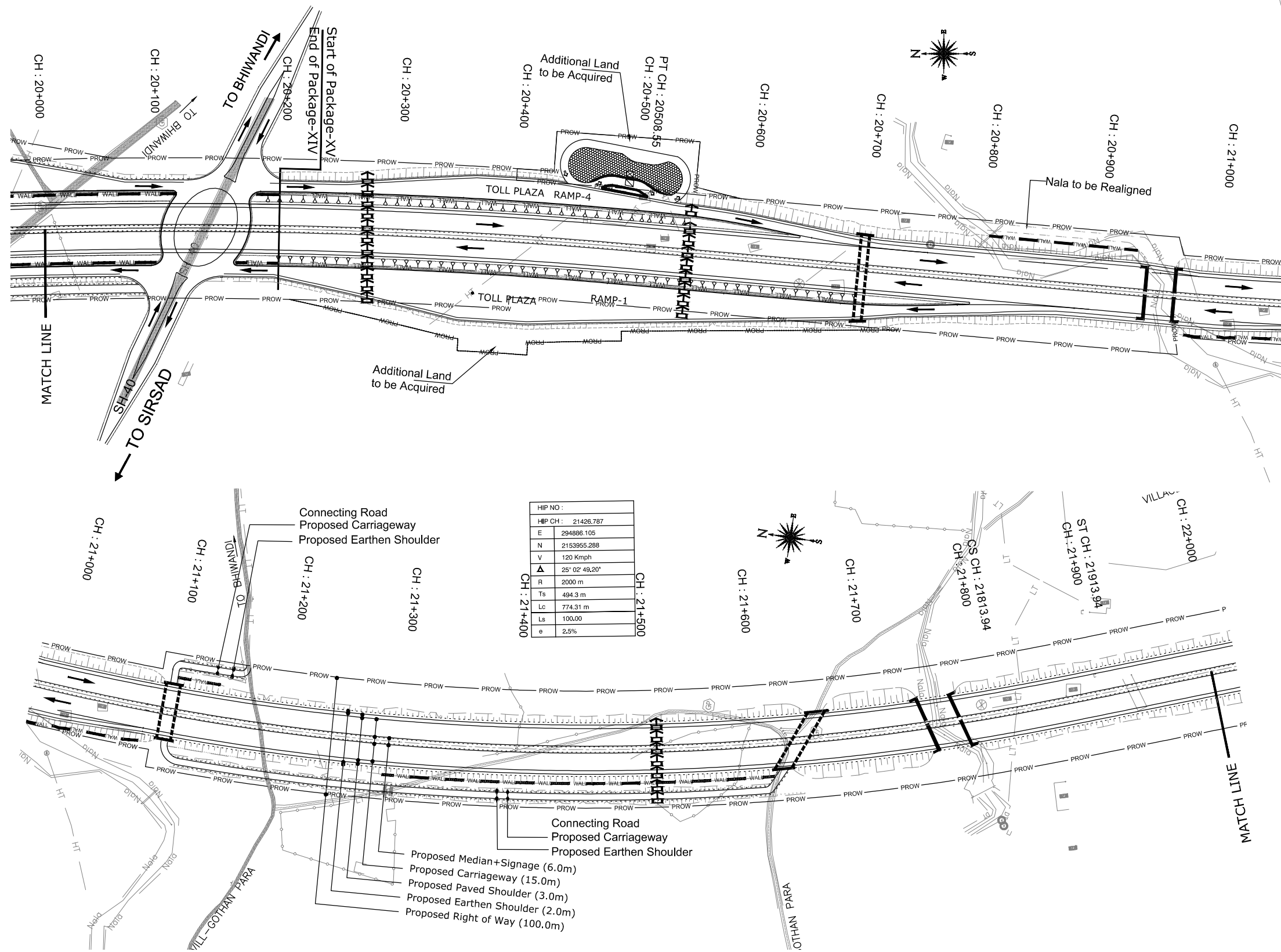
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		Revisions	

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← TO VADODARA

TO JNPT →



HIP NO :	
HIP CH :	21426.787
E	294886.105
N	2153955.288
V	120 Km/h
Δ	25° 02' 49.20"
R	2000 m
Ts	494.3 m
Lc	774.31 m
Ls	100.00
e	2.5%

LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN
Km. 20.000 to Km. 22.000



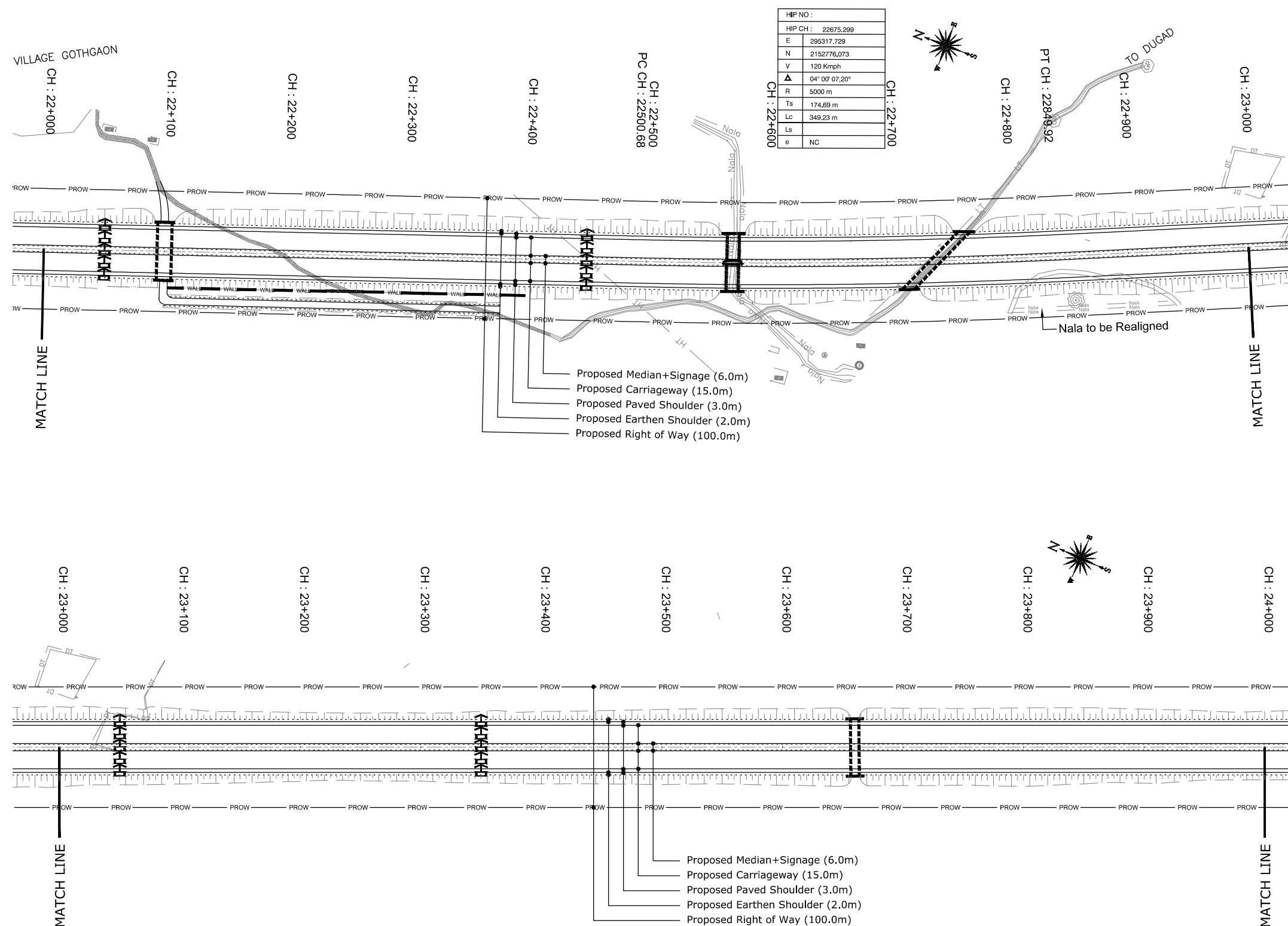
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TO JNPT 



LEGEND

- | | |
|---|--|
| Proposed Center Line | |
| Proposed Median | |
| Proposed Carriageway Edge | |
| Proposed Service Road | |
| Proposed Toe Line | |
| Proposed Right of Way | |
| Proposed Toe Wall | |
| Proposed Culvert/Bridge /Underpass/Fly-over/ROB | |
| Grave Yard | |
| Gate Temporary/Permanents | |
| GPS | |
| Temporary Bench Mark | |
| Religious Structures | |
| Telephone Box | |
| Transformer Points | |
| Pylon | |
| Lamp Post | |
| Tree-T6, T5, T4, T3, T2 | |
| Tube Well, Well | |
| Hand Pump | |
| Municipal Tap | |
| Kilometer Stone | |
| OFC Pillar | |
| Petrol Pump | |
| North Symbol | |
| Railway Track | |
| Boundary of Forest/Garden | |
| Existing Paved Road | |
| Existing Unpaved Road (Cart Track) | |
| Fence Line | |
| High Tension Lines | |
| Low Tension Line | |
| River | |
| Pond | |
| Canal | |
| Drain | |
| Nala | |
| Gas Pipe Line | |
| HFL Line | |
| Water Pipe Line | |
| DFCC Line | |
| Building (Kaccha) | |
| Building (Pucca) | |
| Building (Institute) | |

ANNEX-2.1



Scale : 1 : 2500





Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara
Mumbai Expressway Main alignment (Design Chainage 0+000) and
Terminating at Proposed Junction with the Multi-Modal Corridor of
MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 23.000 to Km. 24.000



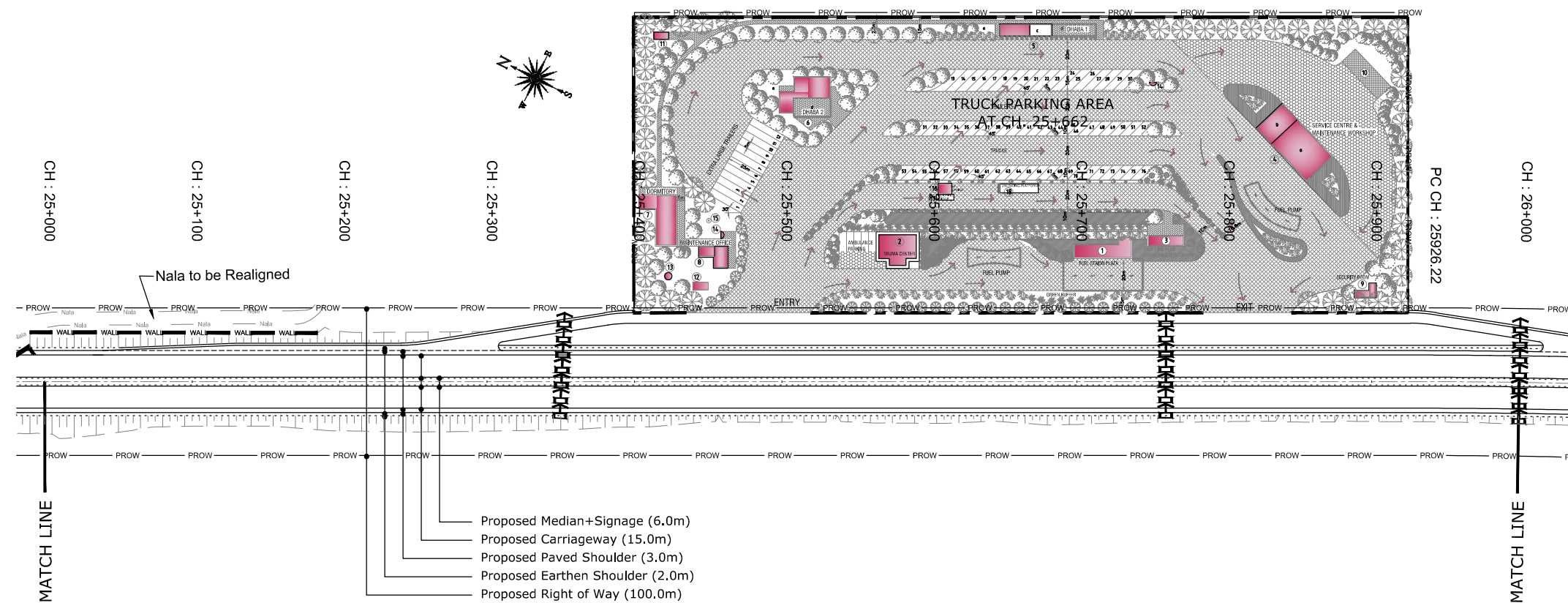
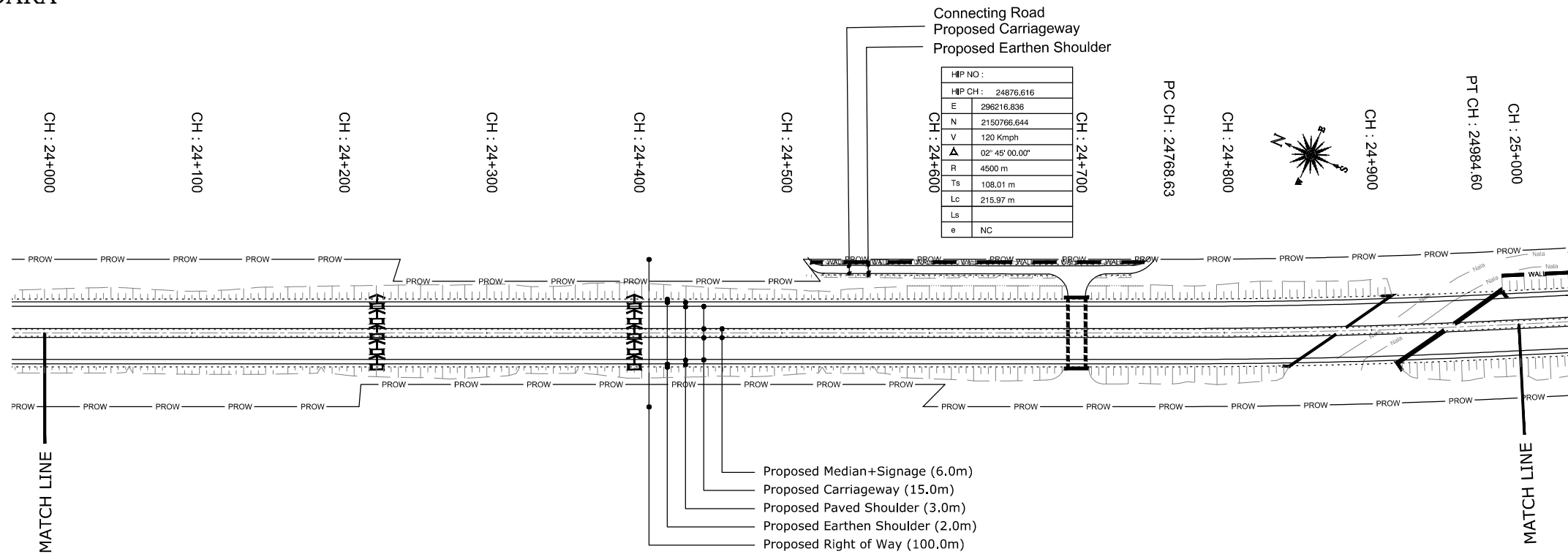
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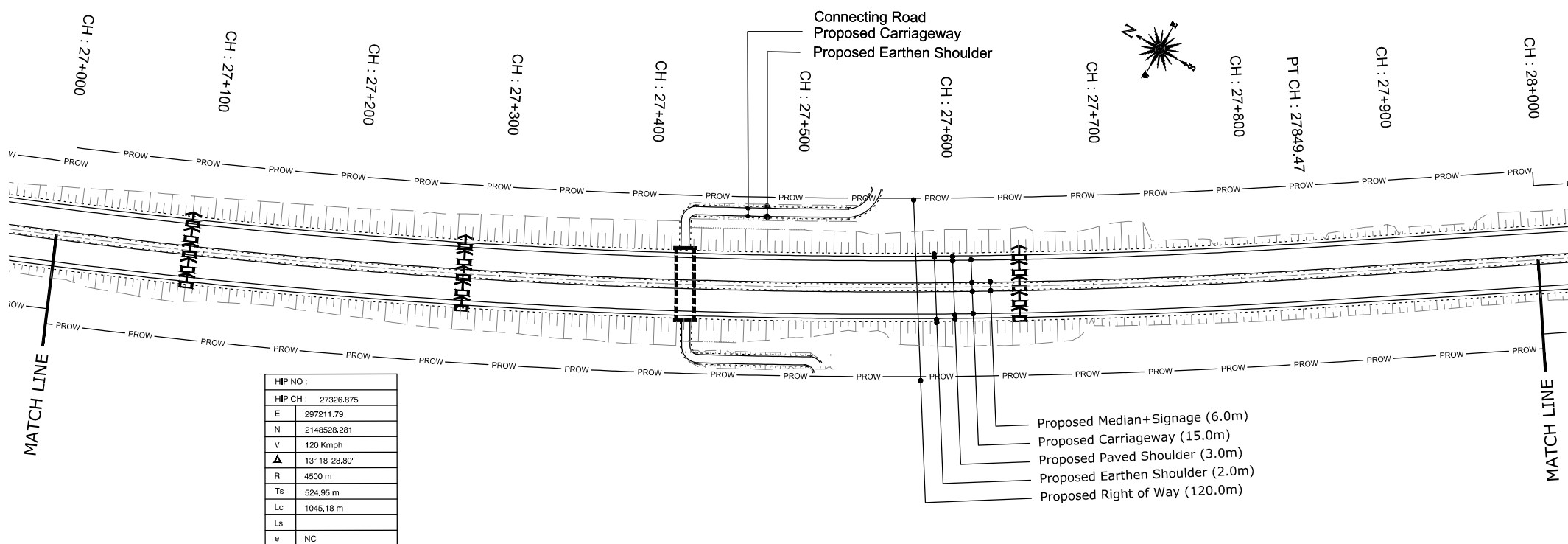
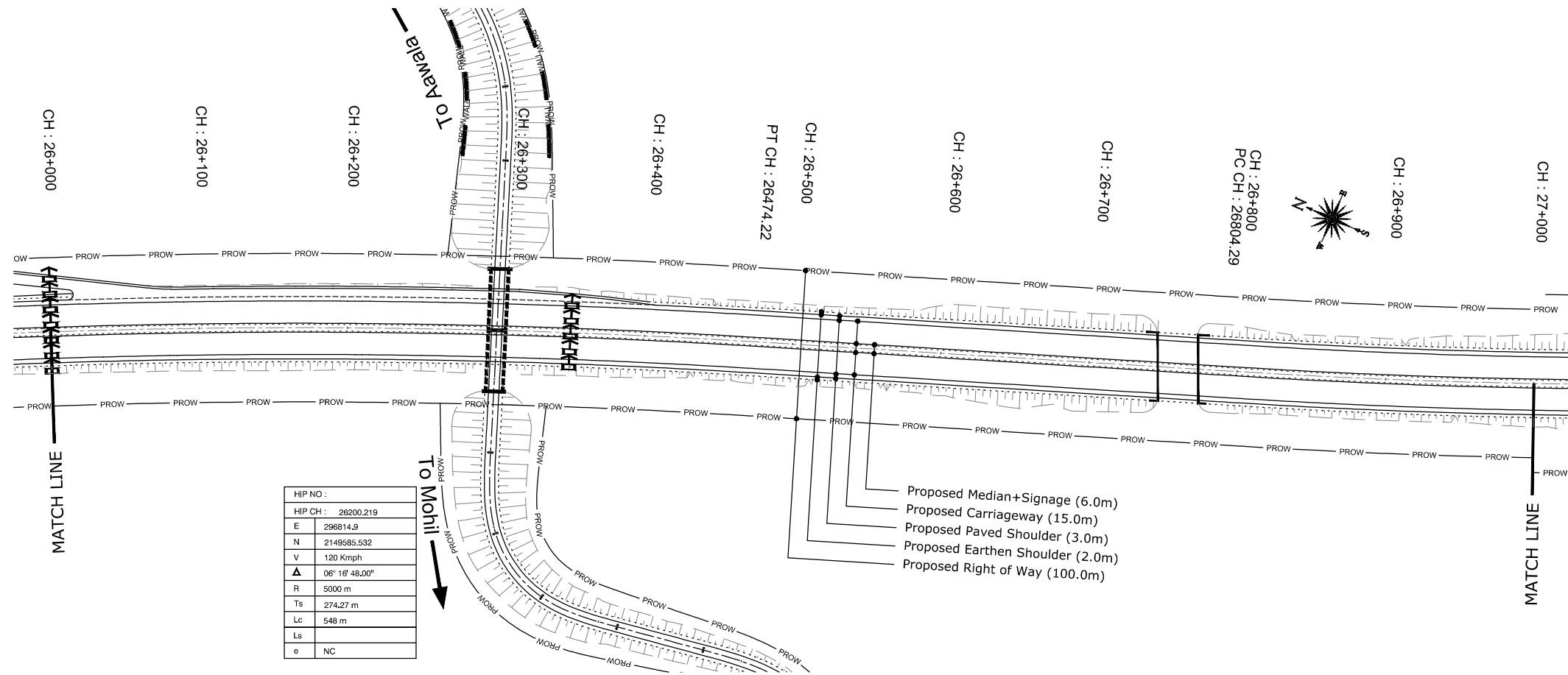
LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1

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LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 26.000 to Km. 28.000



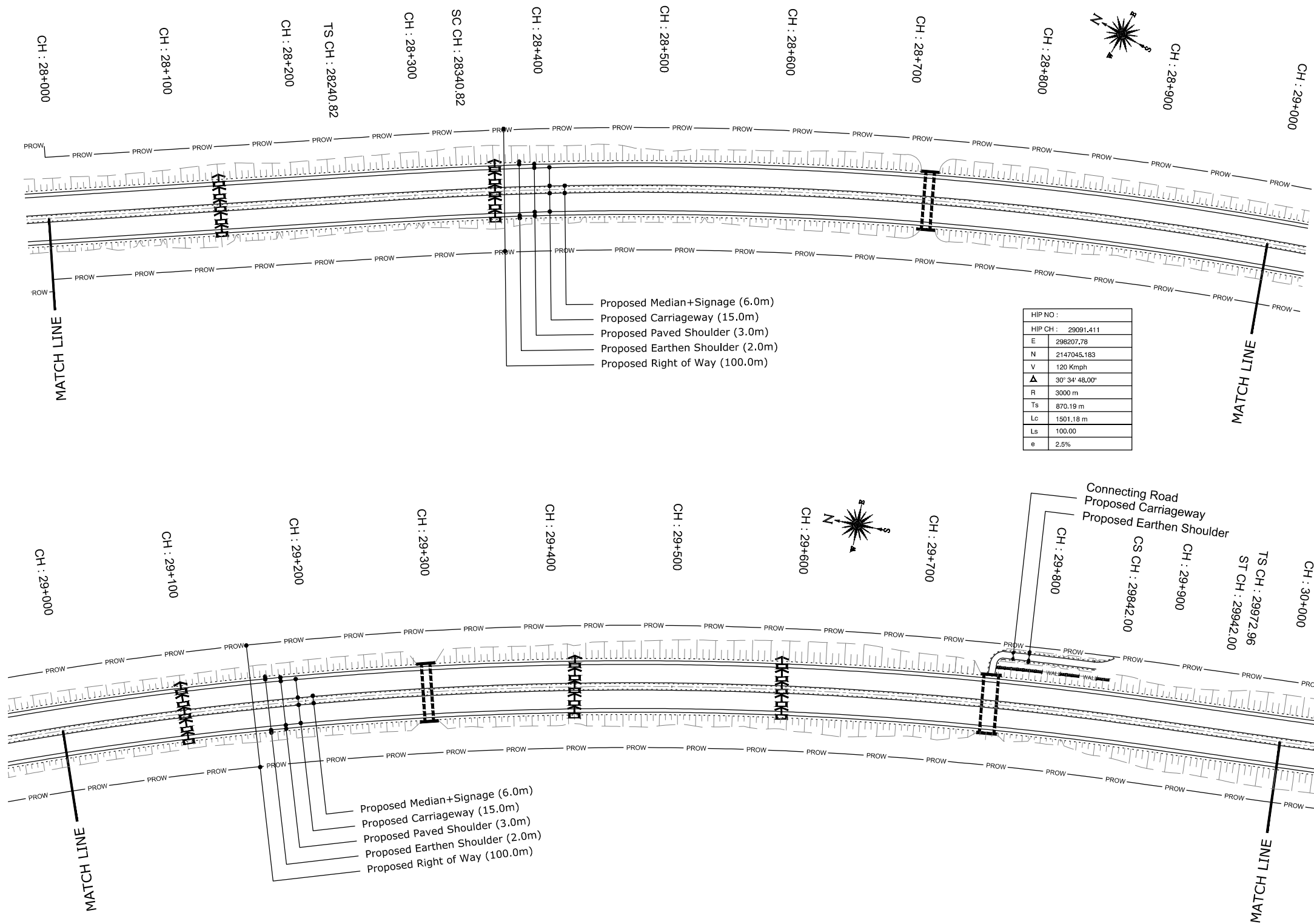
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ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN
Km. 28.000 to Km. 30.000



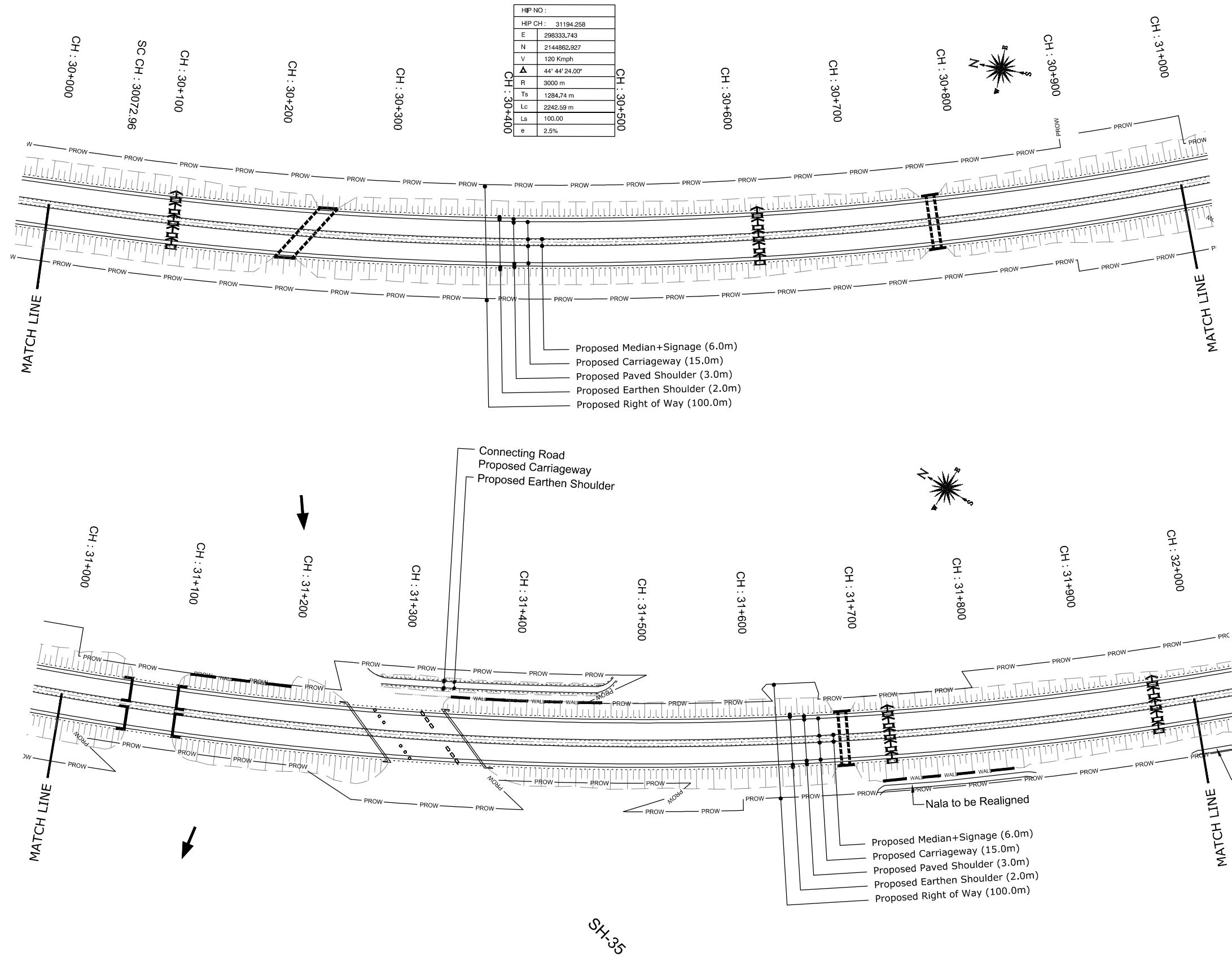
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LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 30.000 to Km. 32.000



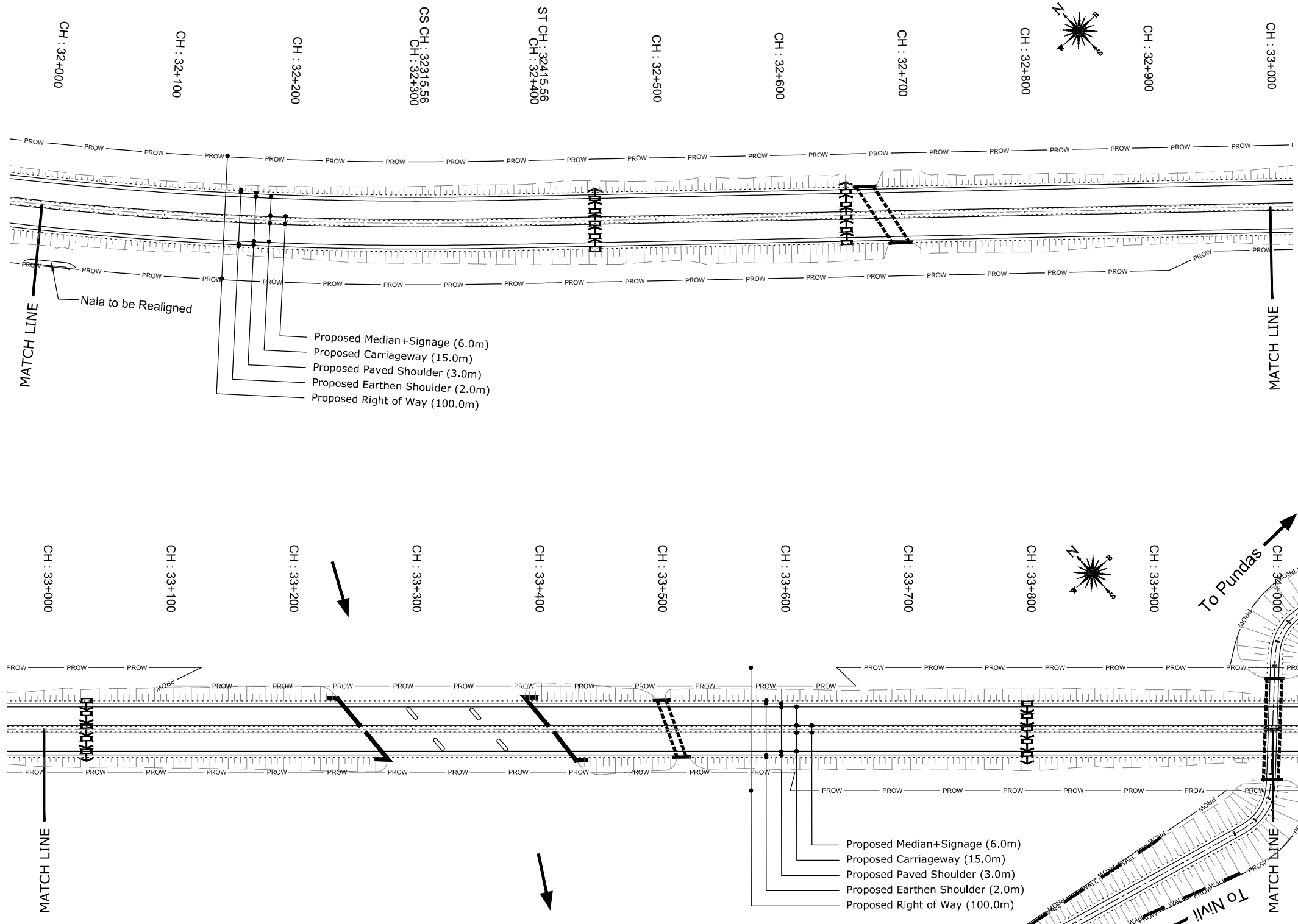
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LEGEND	
Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN
Km. 32.000 to Km. 34.000



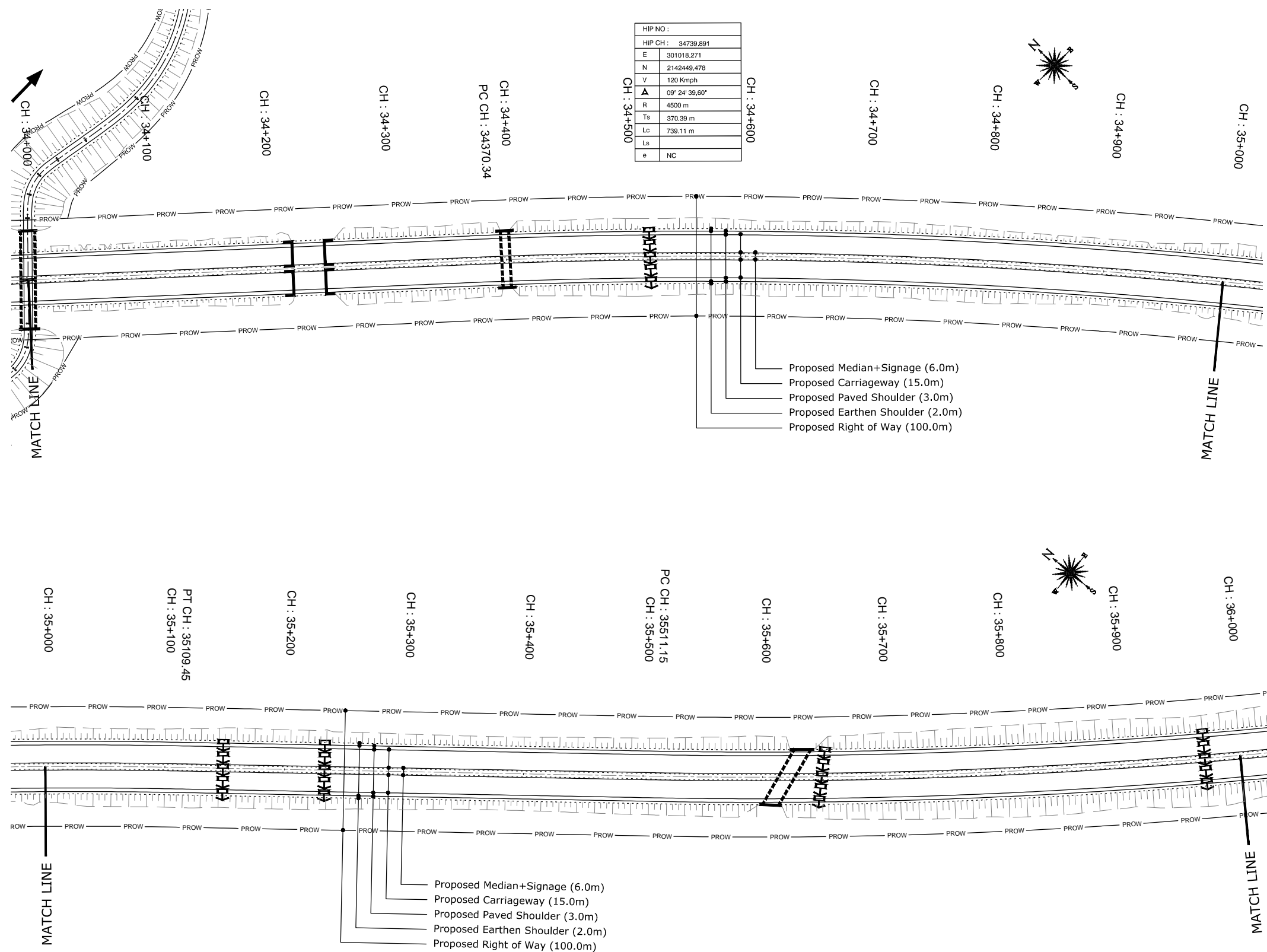
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LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN
Km. 34.000 to Km. 36.000



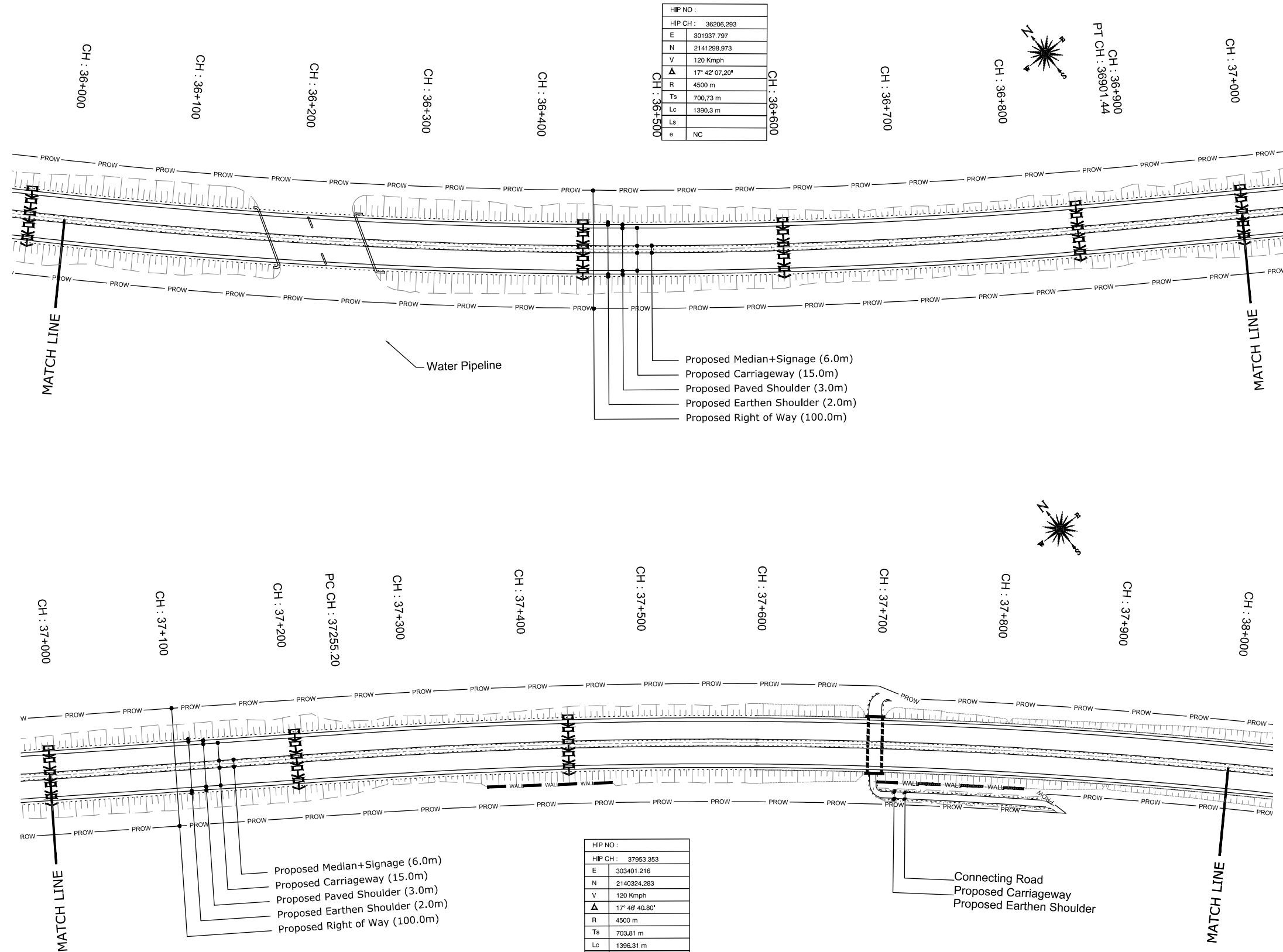
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HIP NO :	
HIP CH :	36206.293
E	301937.797
N	2141298.973
V	120 Km/h
Δ	17° 42' 07.20"
R	4500 m
Ts	700.73 m
Lc	1390.3 m
Ls	
e	NC

HIP NO :	
HIP CH :	37953.353
E	303401.216
N	2140324.283
V	120 Km/h
Δ	17° 46' 40.80"
R	4500 m
Ts	703.81 m
Lc	1396.31 m
Ls	
e	NC

LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 36.000 to Km. 38.000



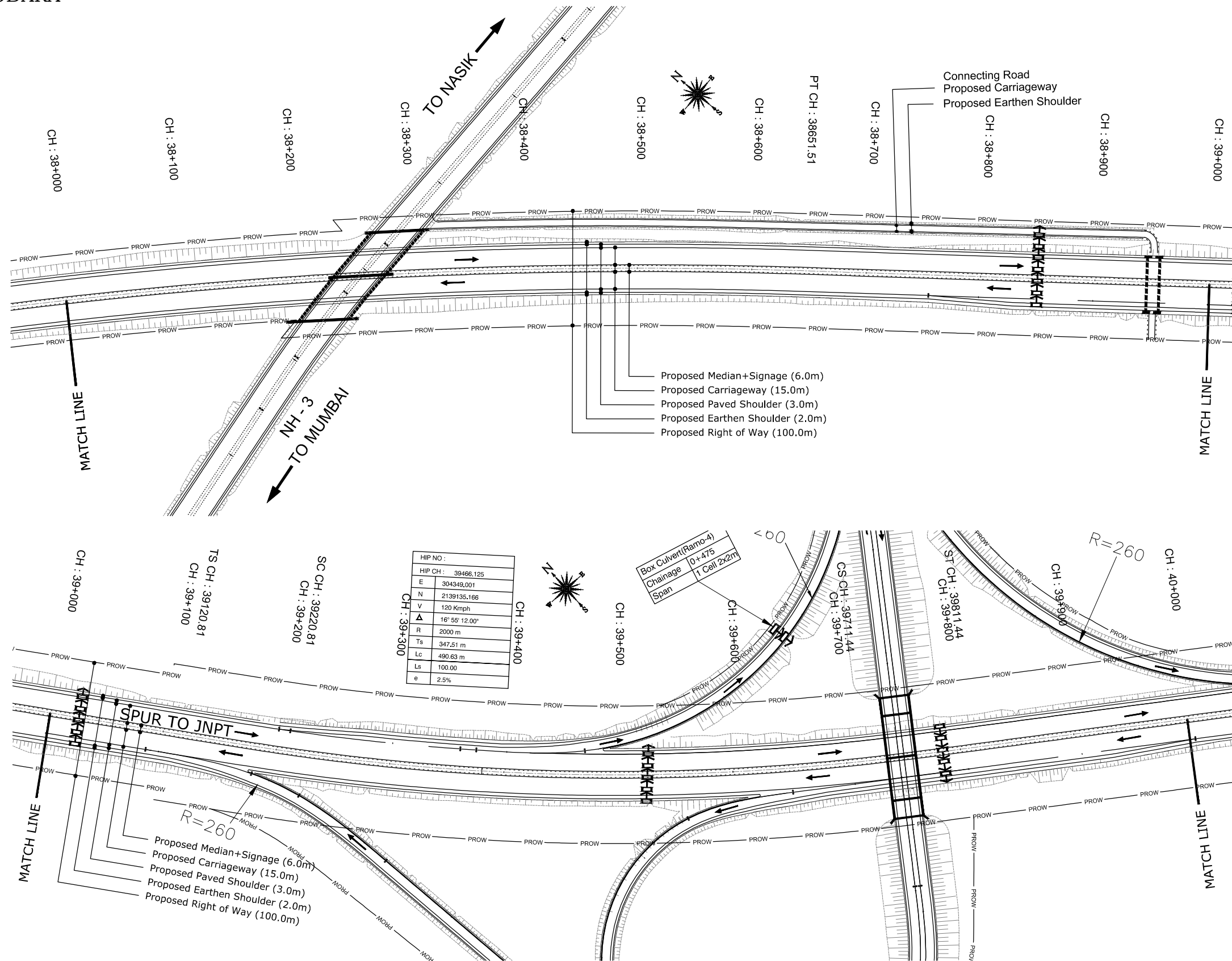
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LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 38.000 to Km. 40.000



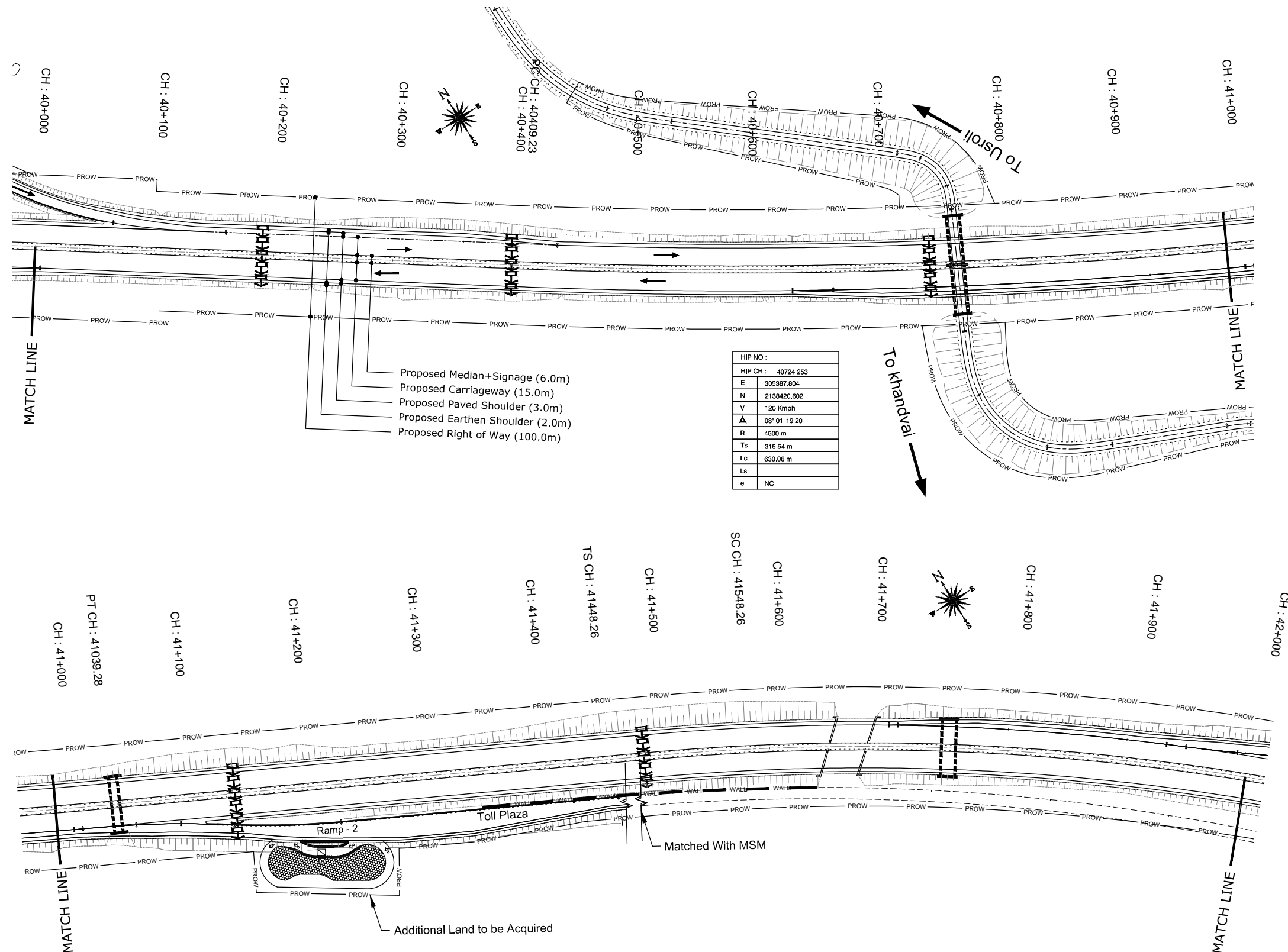
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HIP NO :	
HIP CH :	40724.253
E	305387.804
N	2138420.802
V	120 Km/h
▲	08° 01' 19.20"
R	4500 m
Ts	315.54 m
Lc	630.06 m
La	
e	NC

LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 40.000 to Km. 42.000



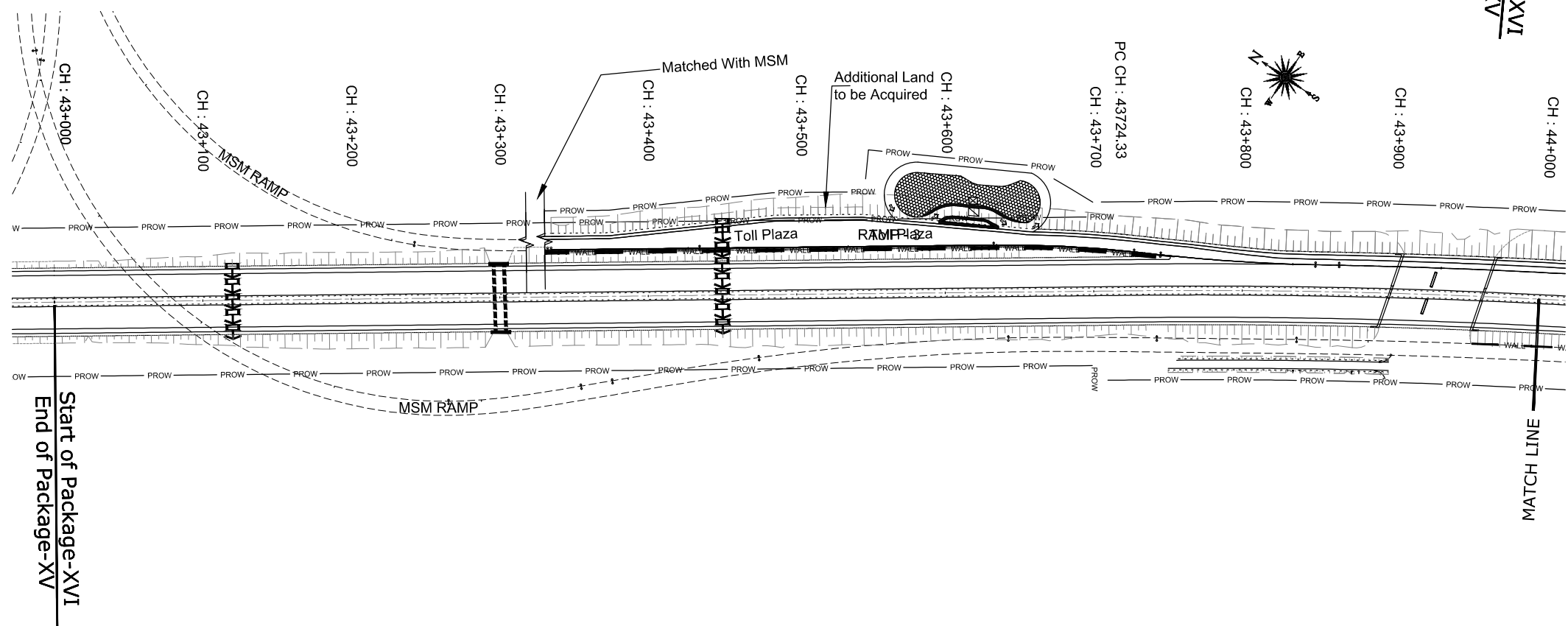
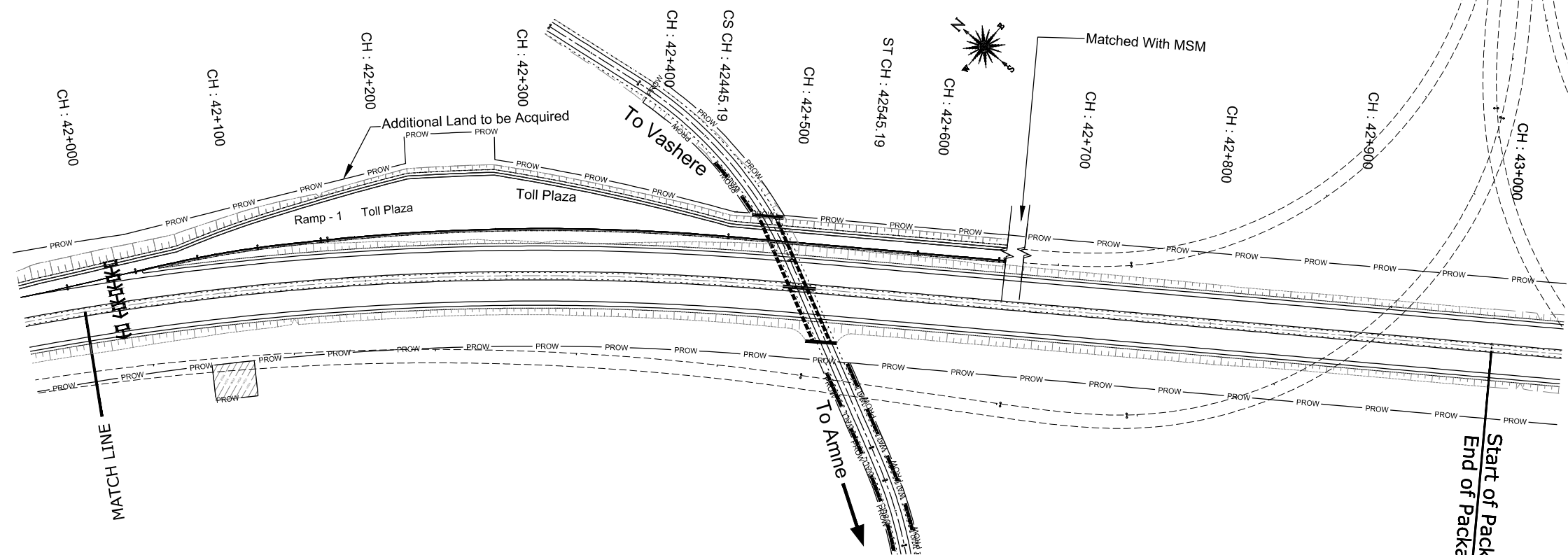
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LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
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Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 42.000 to Km. 44.000



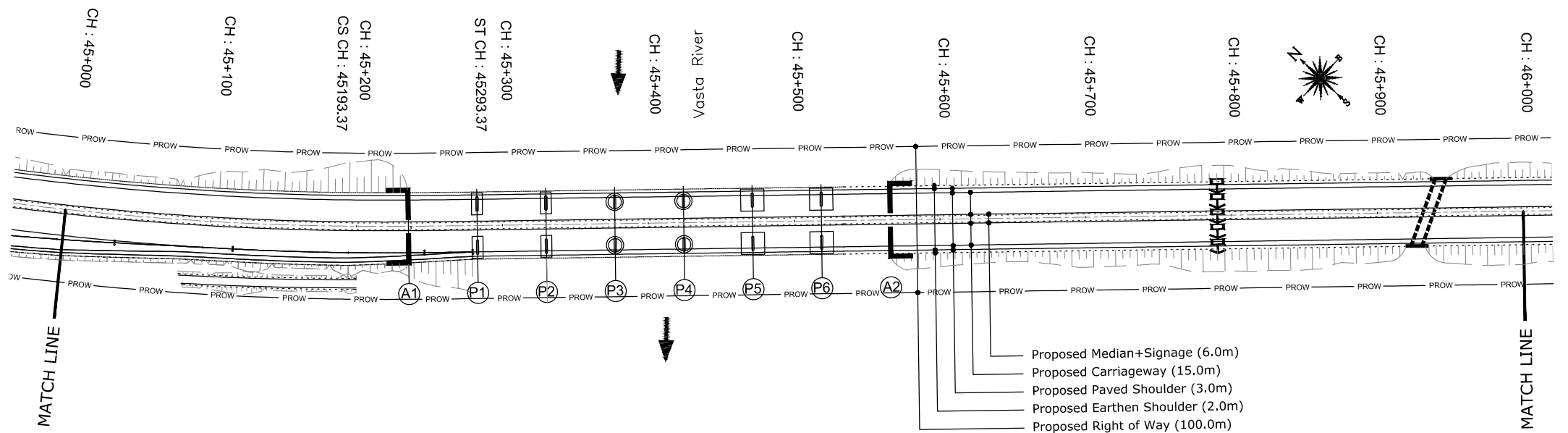
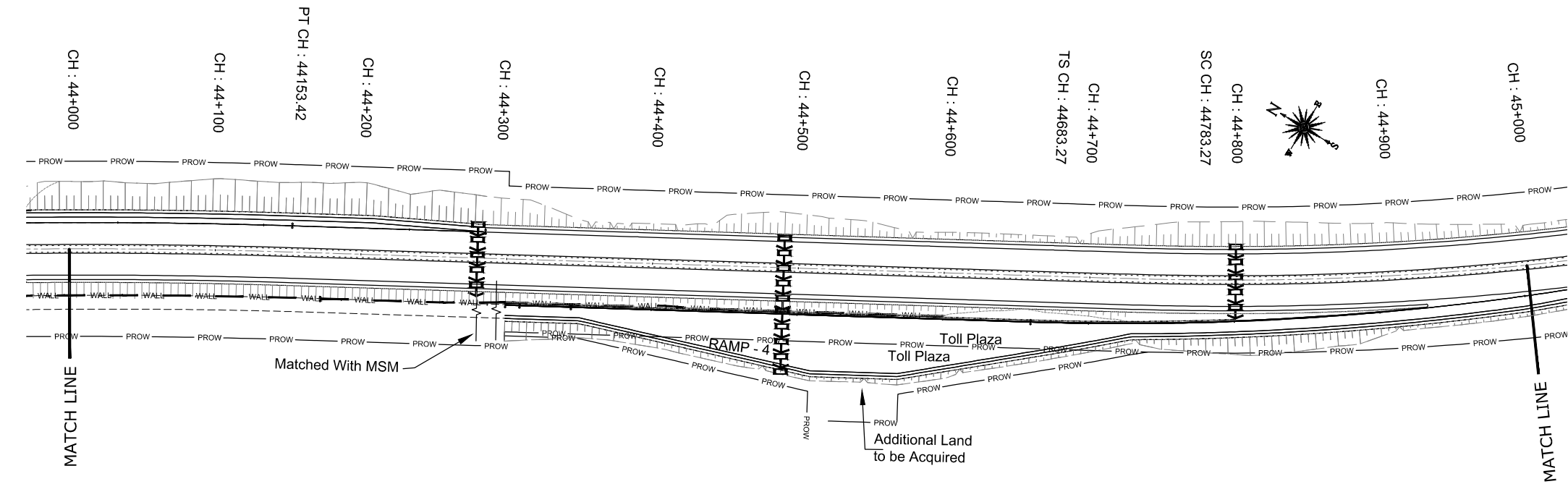
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LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN
Km. 44.000 to Km. 46.000



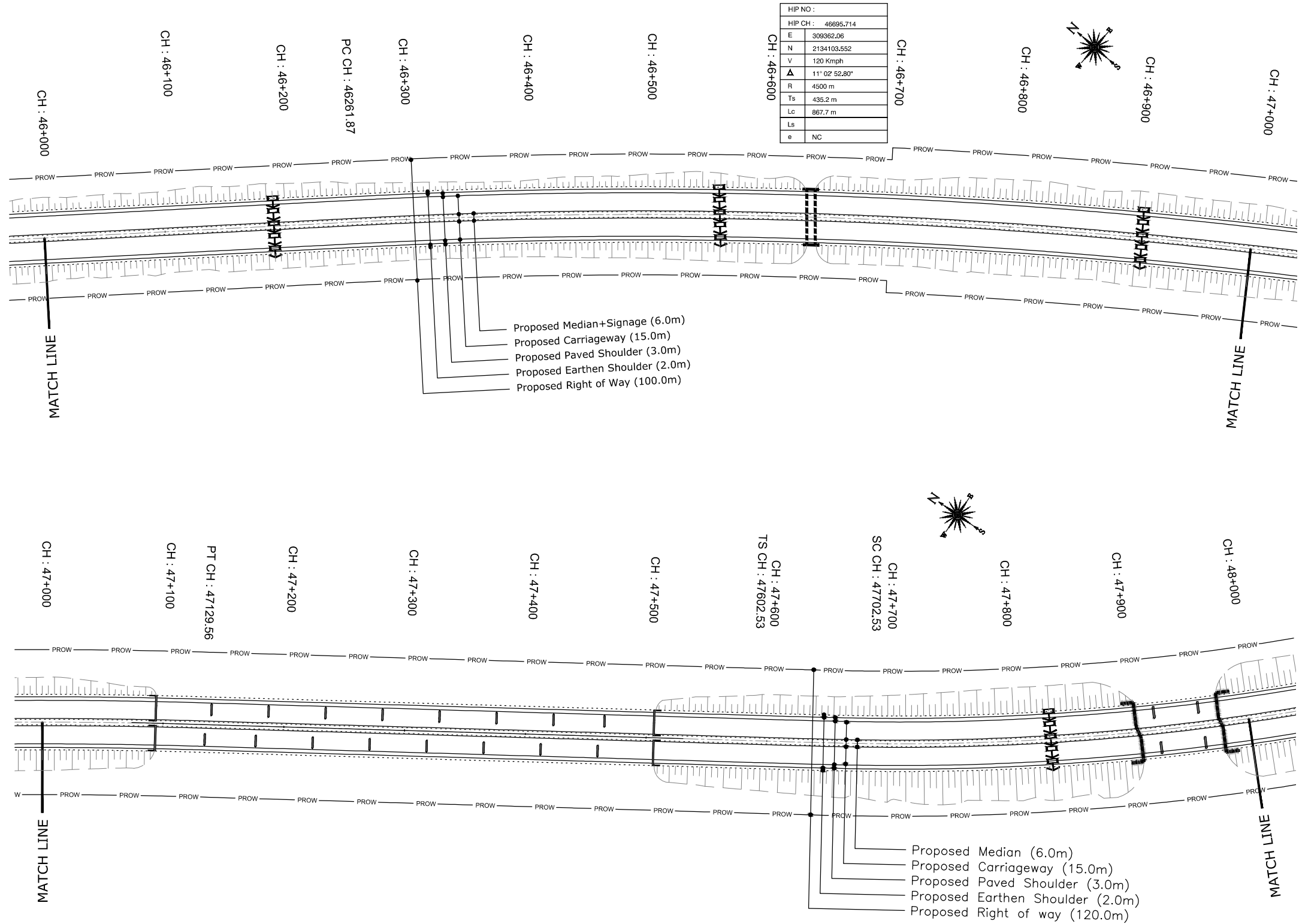
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ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN
Km. 46.000 to Km. 48.000



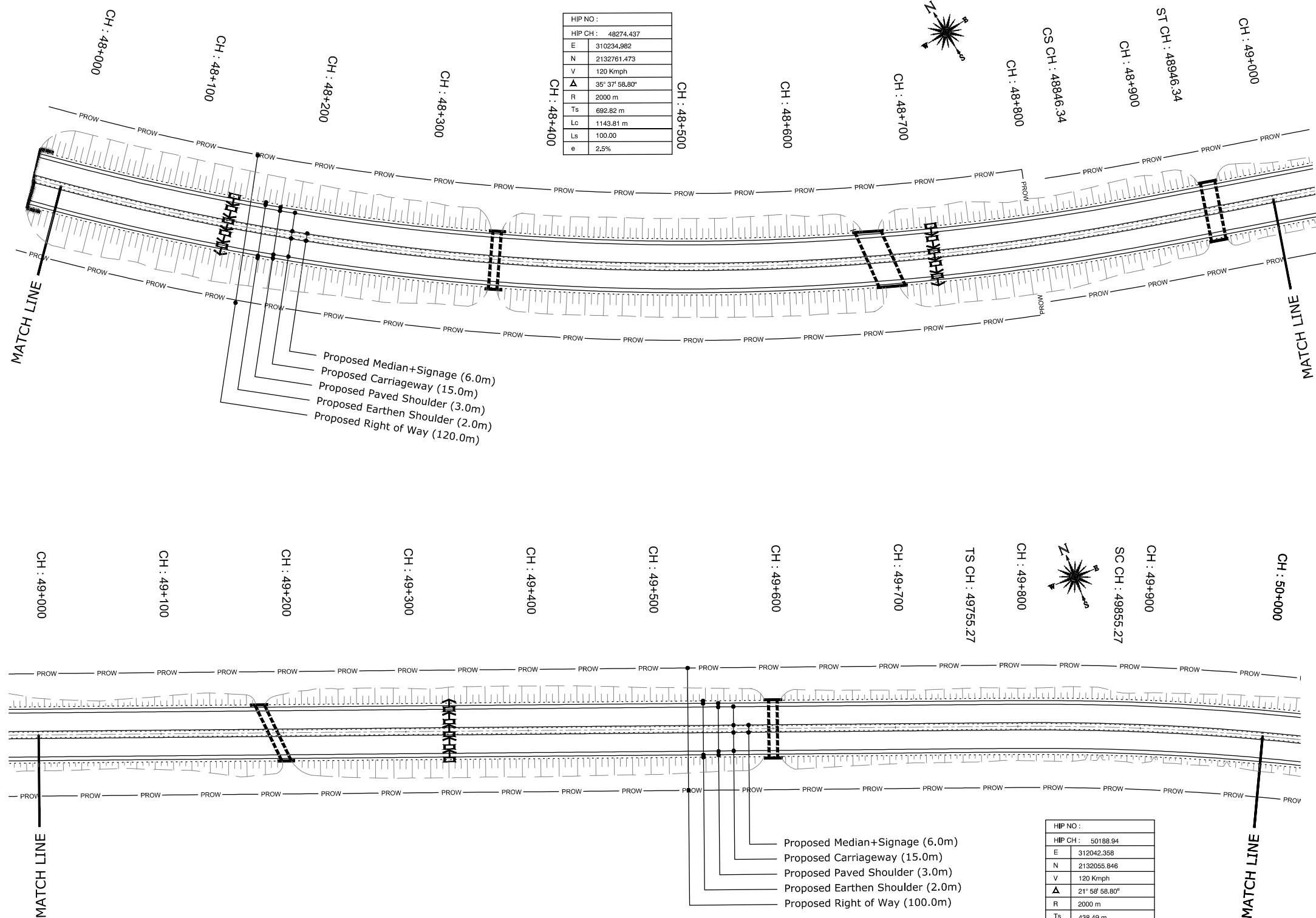
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← TO VADODARA

TO JNPT →



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 48.000 to Km. 50.000



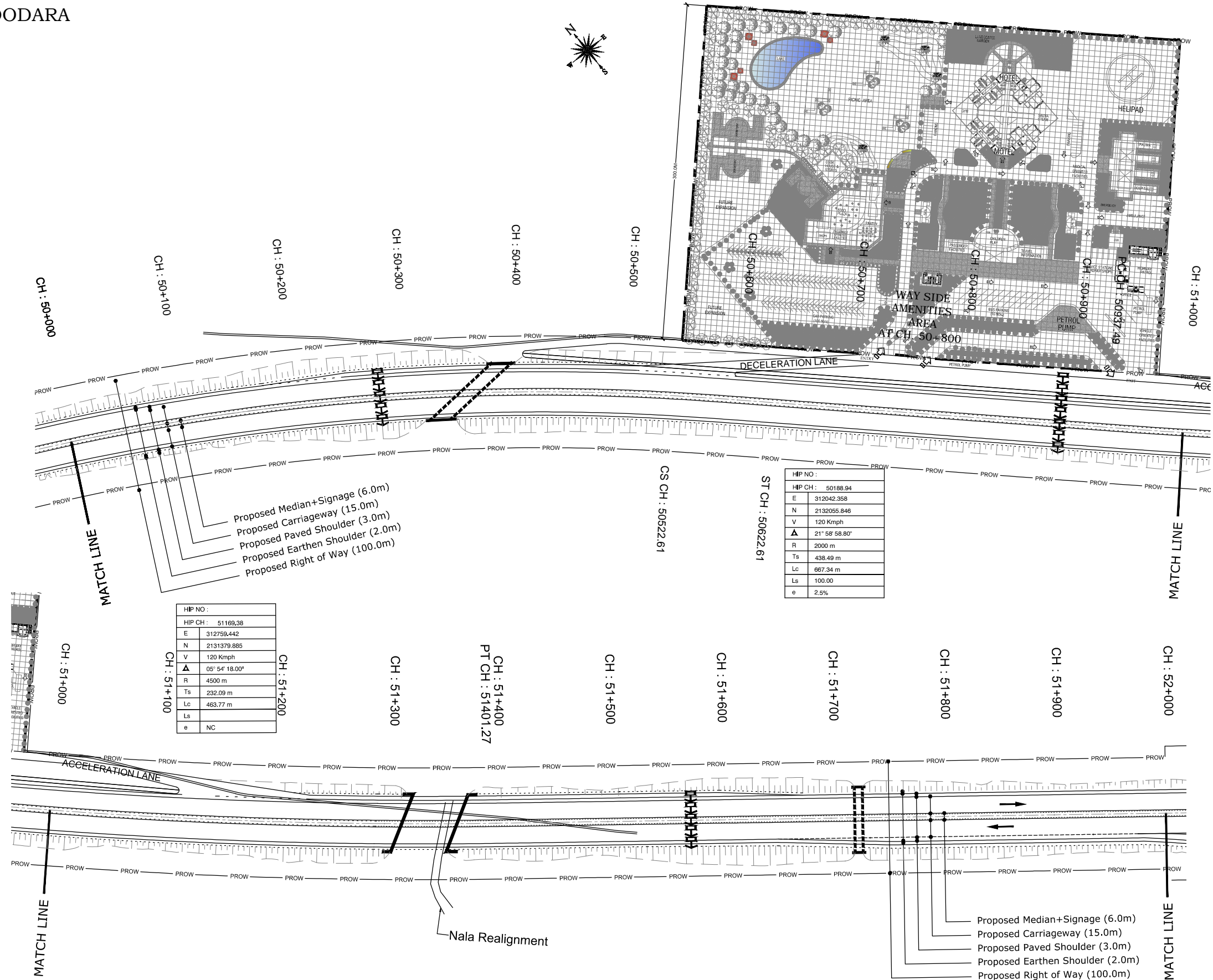
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← TO VADODARA

TO JNPT →



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 50.000 to Km. 52.000



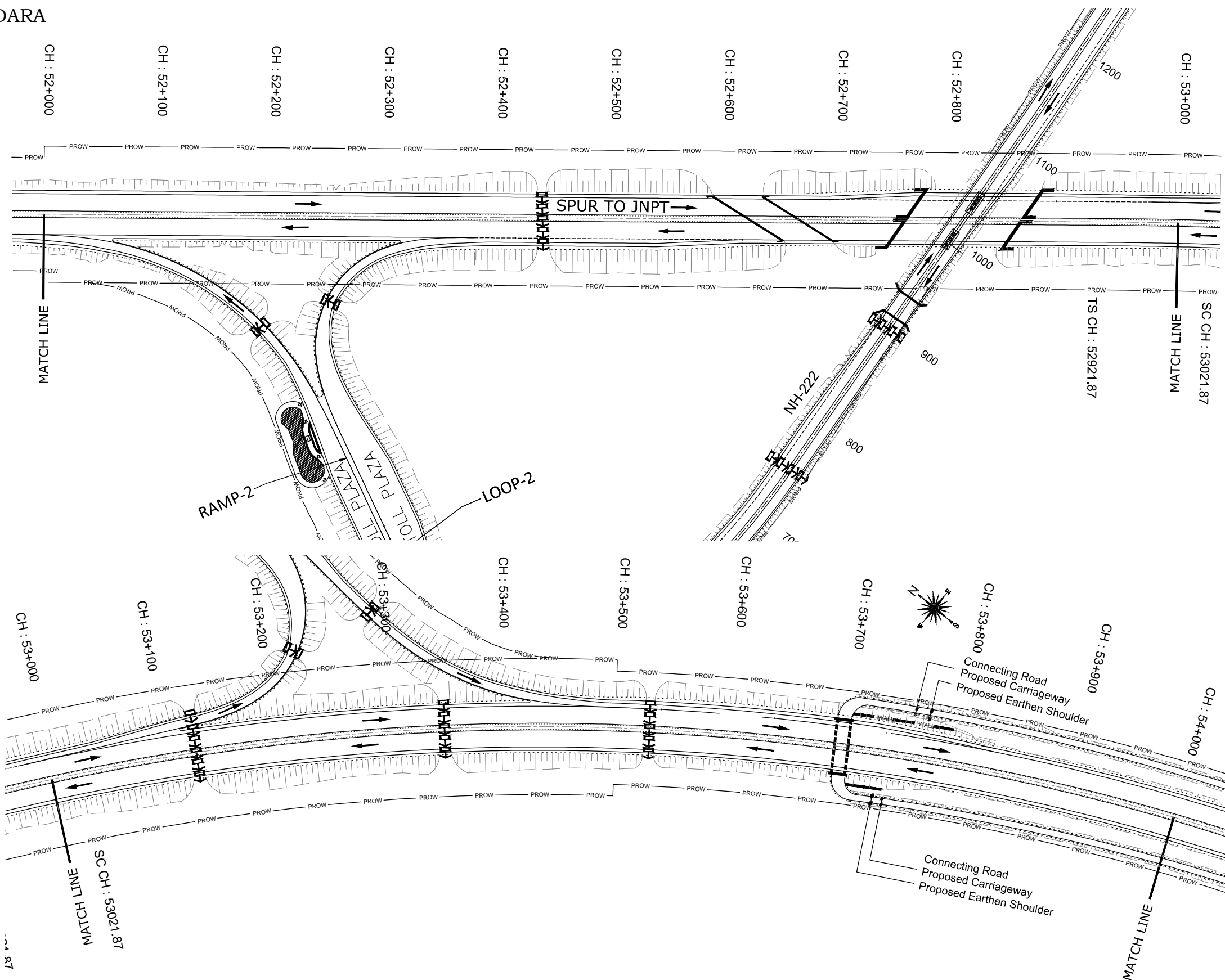
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← TO VADODARA

TO JNPT →



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN
Km. 52.000 to Km. 54.000



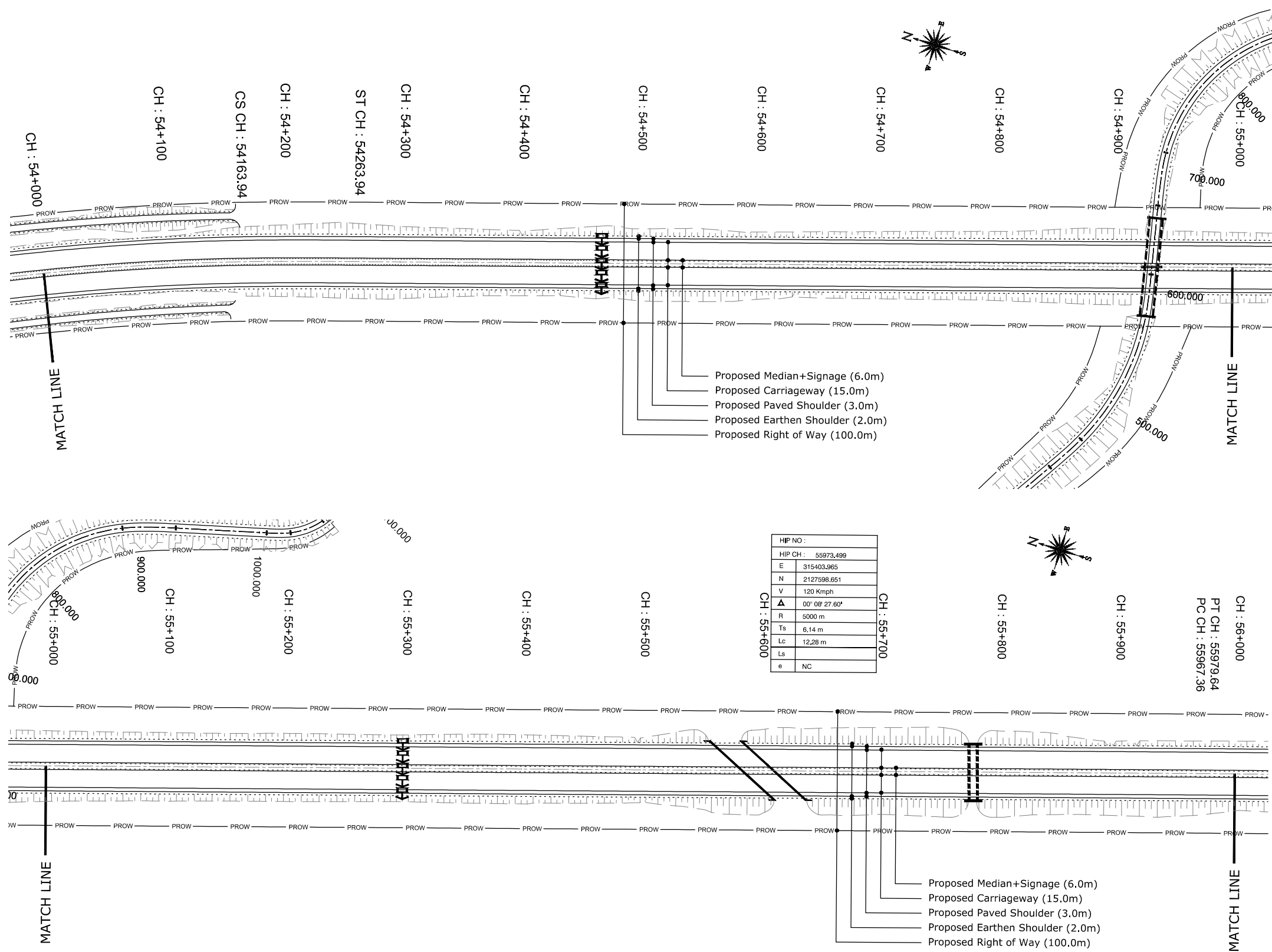
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← TO VADODARA

TO JNPT →



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 54.000 to Km. 56.000



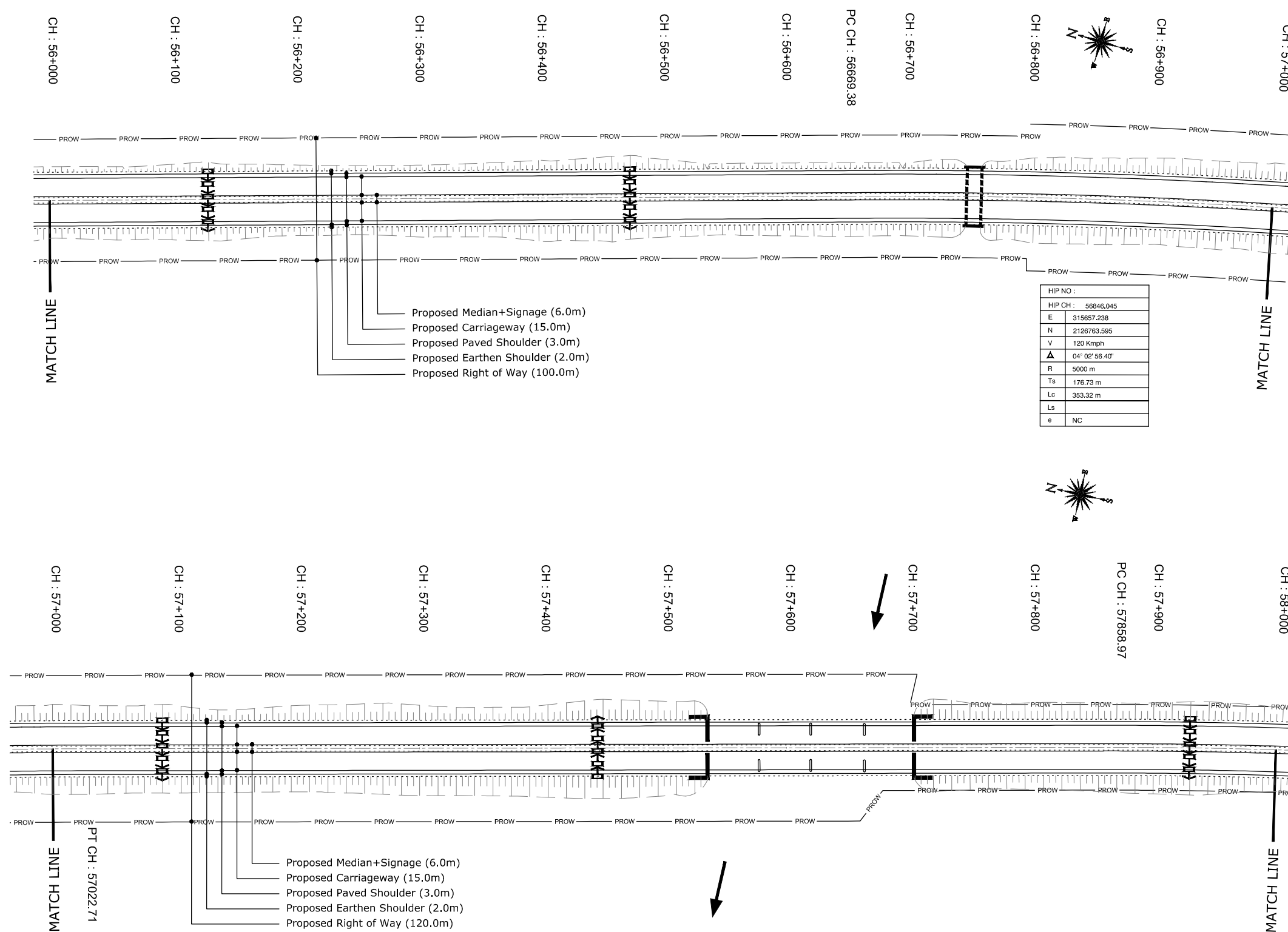
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← TO VADODARA

TO JNPT 



LEGEND

- | | |
|---|--|
| Proposed Center Line | |
| Proposed Median | |
| Proposed Carriageway Edge | |
| Proposed Service Road | |
| Proposed Toe Line | |
| Proposed Right of Way | |
| Proposed Toe Wall | |
| Proposed Culvert/Bridge /Underpass/Fly-over/ROB | |
| Grave Yard | |
| Gate Temporary/Permanents | |
| GPS | |
| Temporary Bench Mark | |
| Religious Structures | |
| Telephone Box | |
| Transformer Points | |
| Pylon | |
| Lamp Post | |
| Tree-T6, T5, T4, T3, T2 | |
| Tube Well, Well | |
| Hand Pump | |
| Municipal Tap | |
| Kilometer Stone | |
| OFC Pillar | |
| Petrol Pump | |
| North Symbol | |
| Railway Track | |
| Boundary of Forest/Garden | |
| Existing Paved Road | |
| Existing Unpaved Road (Cart Track) | |
| Fence Line | |
| High Tension Lines | |
| Low Tension Line | |
| River | |
| Pond | |
| Canal | |
| Drain | |
| Nala | |
| Gas Pipe Line | |
| HFL Line | |
| Water Pipe Line | |
| DFCC Line | |
| Building (Kaccha) | |
| Building (Pucca) | |
| Building (Institute) | |

ANNEX-2.1



Scale : 1 : 2500





Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Proposed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 56.000 to Km. 58.000



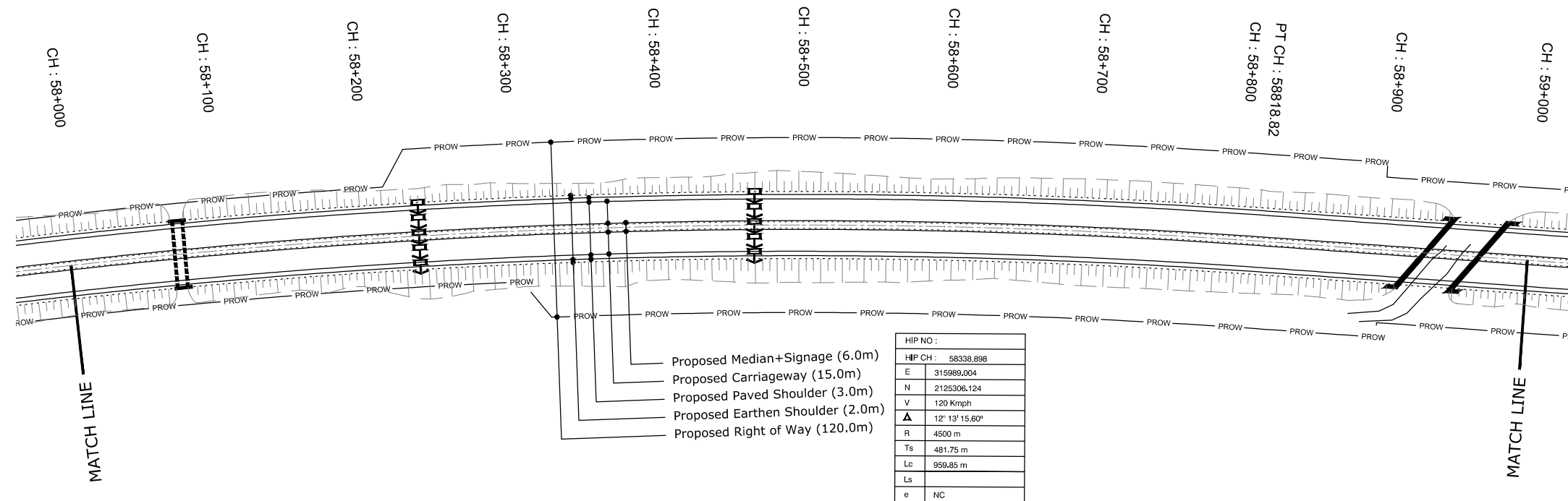
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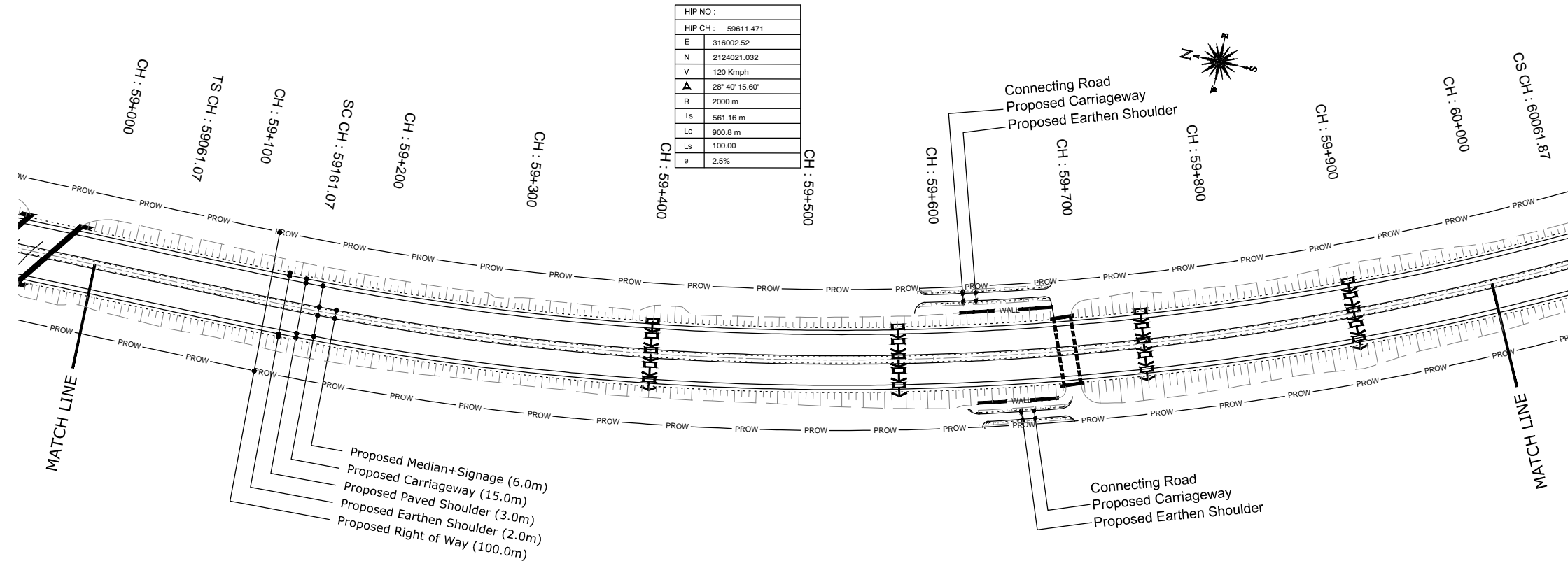
R1	Jan. 2021	INITIAL PLAN	
Revisions	Date	Description	Check
Revisions			
DRAWING No:- NHAH/SPUR/Plan/ 29/R1			

← TO VADODARA

TO JNPT →



HIP NO :	
HIP CH :	58338.898
E	315988.004
N	2125306.124
V	120 Km/h
Δ	12° 13' 15.60"
R	4500 m
Ts	481.75 m
Lc	959.85 m
Ls	
e	NC



HIP NO :	
HIP CH :	59611.471
E	316002.52
N	2124021.032
V	120 Km/h
Δ	28° 40' 15.60"
R	2000 m
Ts	561.16 m
Lc	900.8 m
Ls	100.00
e	2.5%

LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 58.000 to Km. 60.000



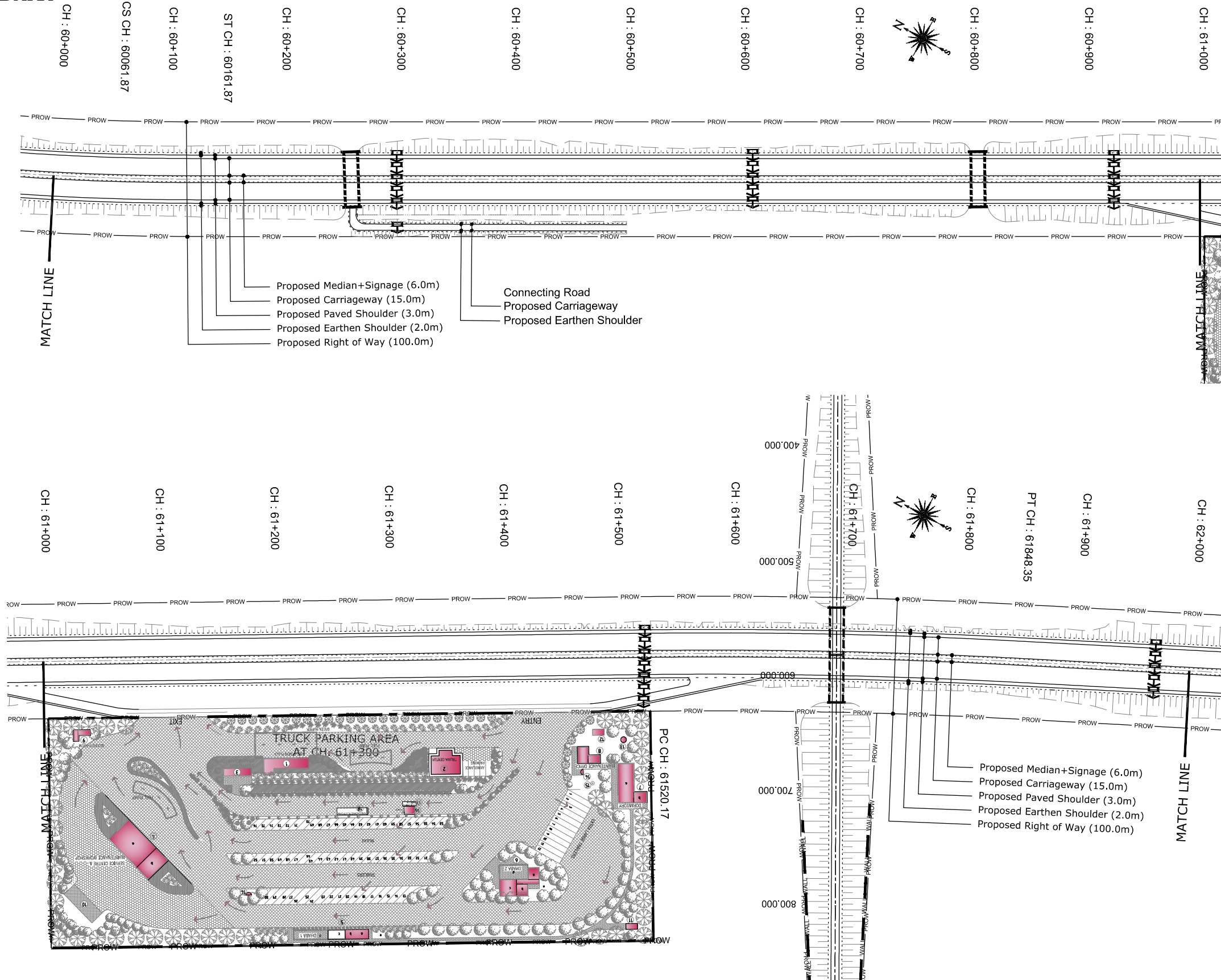
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TO VADODARA ←

TO JNPT →



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Proposed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 60.000 to Km. 62.000



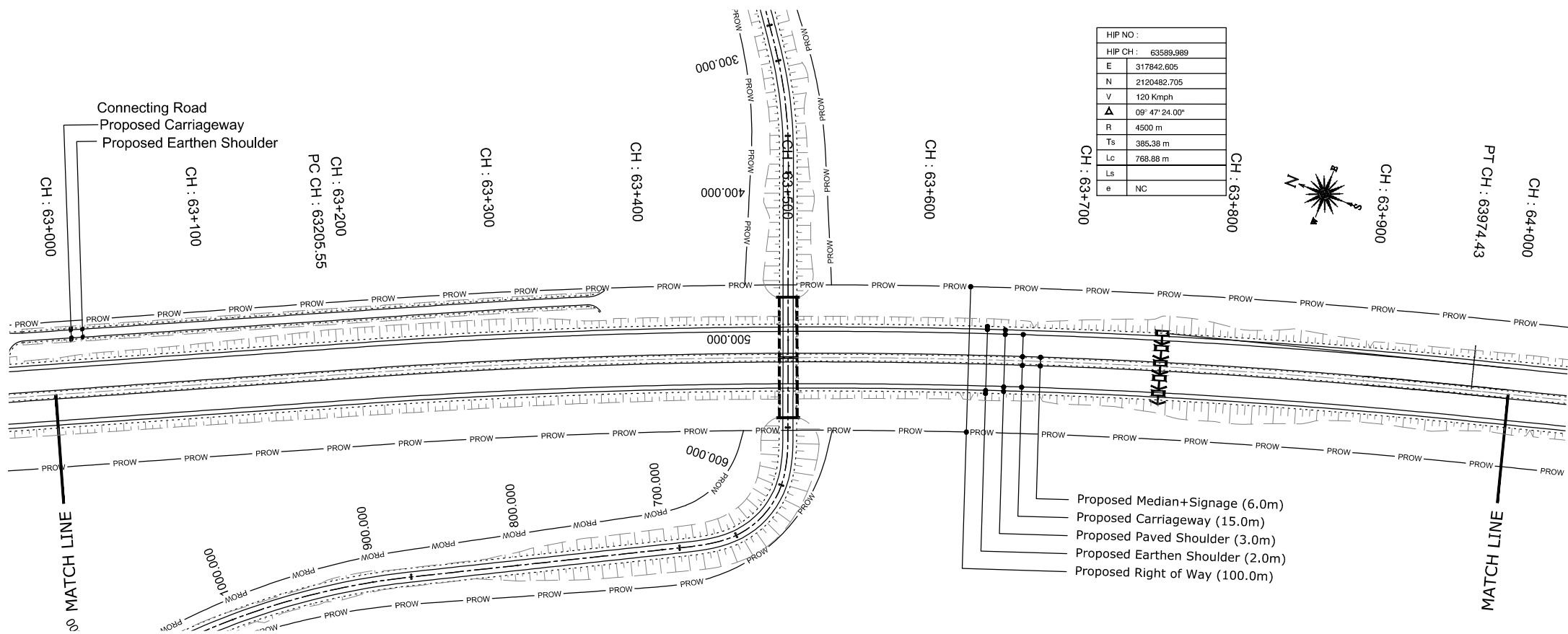
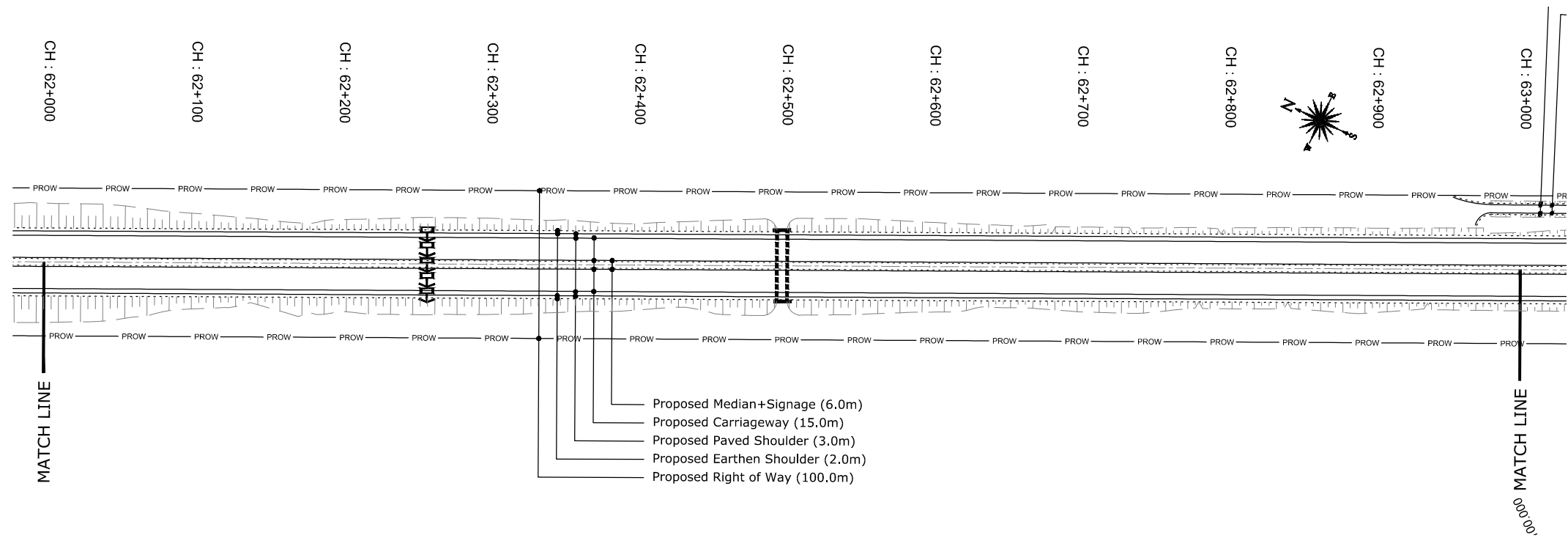
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Revisions			
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← TO VADODARA

TO JNPT →



HIP NO :	
HIP CH :	63589.989
E	317842.605
N	2120482.705
V	120 Km/h
Δ	09° 47' 24.00"
R	4500 m
Ts	385.38 m
Lc	768.88 m
Ls	
e	NC

LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 62.000 to Km. 64.000



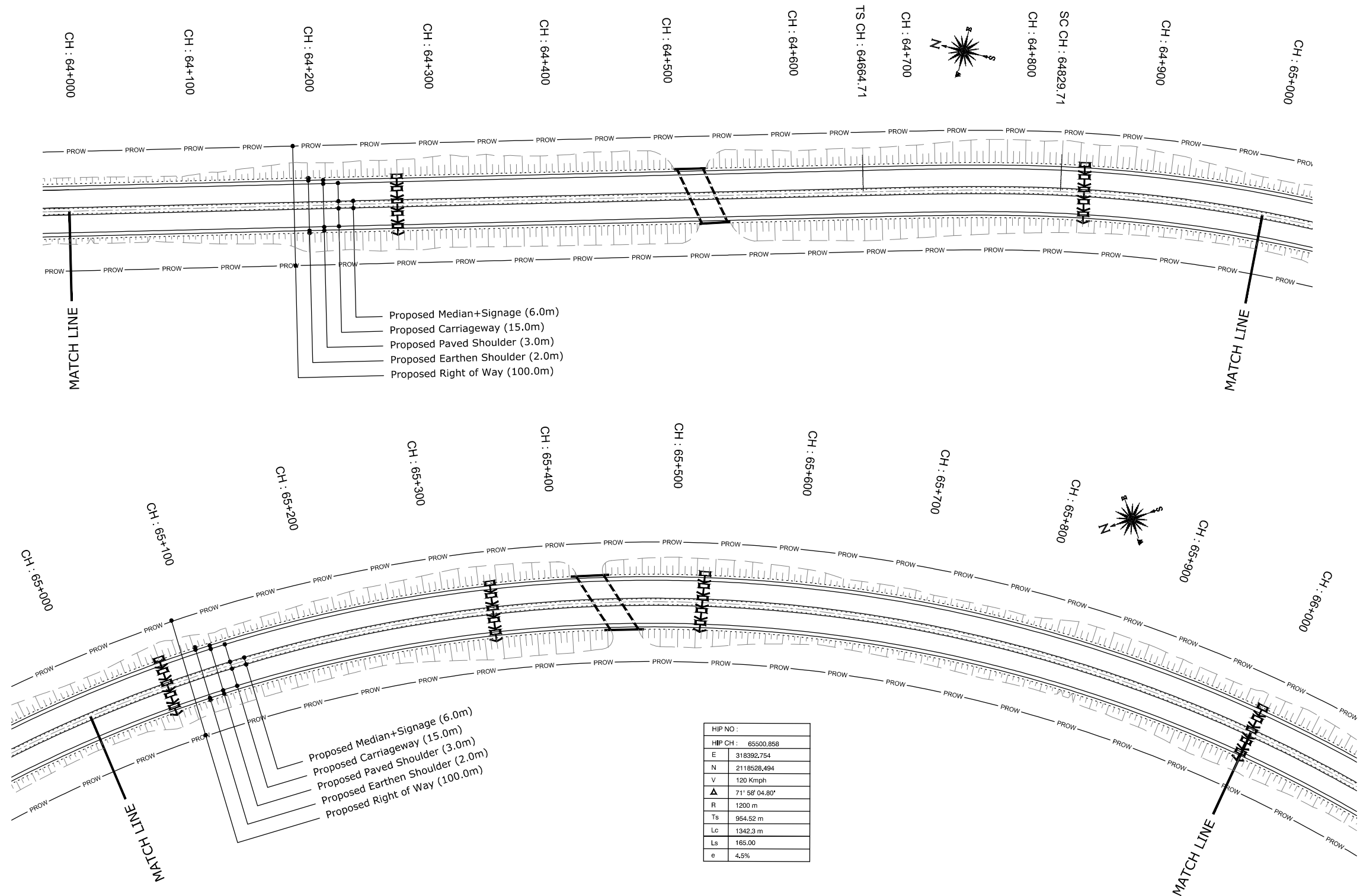
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← TO VADODARA

TO JNPT →



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

HIP NO :	
HIP CH :	65500.858
E	318392.754
N	2118528.494
V	120 Km/h
Δ	71° 58' 04.80"
R	1200 m
Ts	954.52 m
Lc	1342.3 m
Ls	165.00
e	4.5%

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 64.000 to Km. 66.000



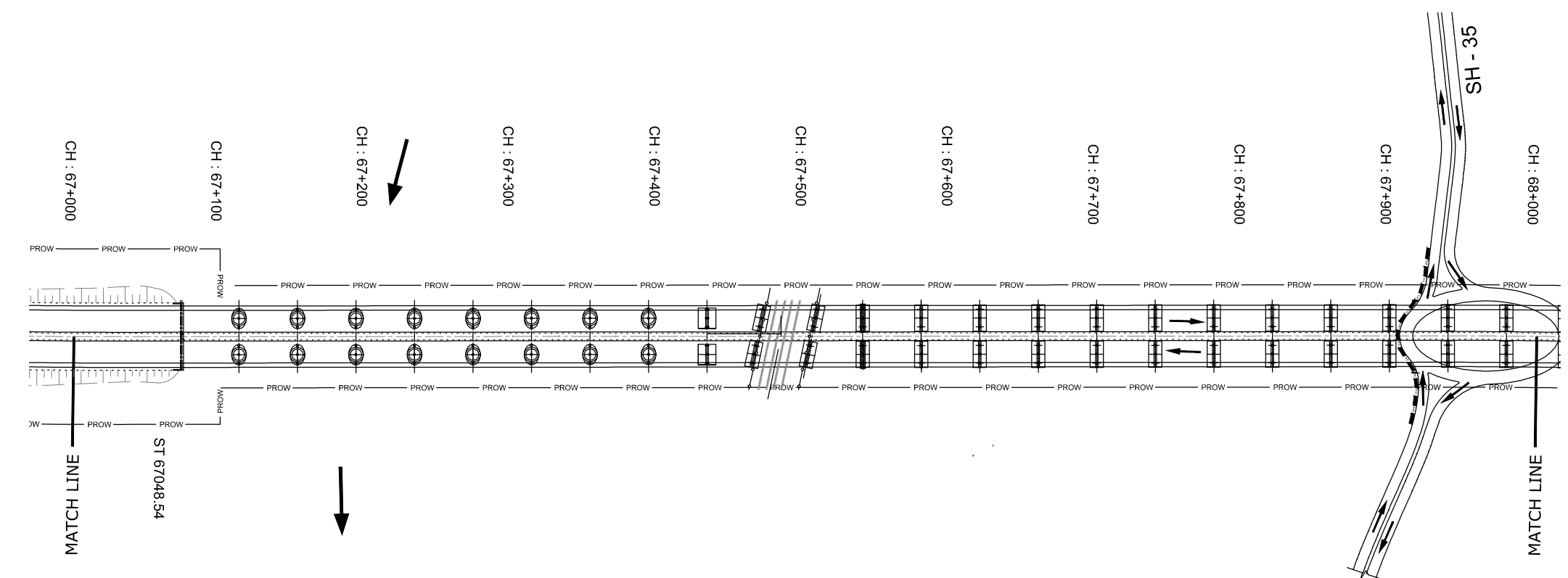
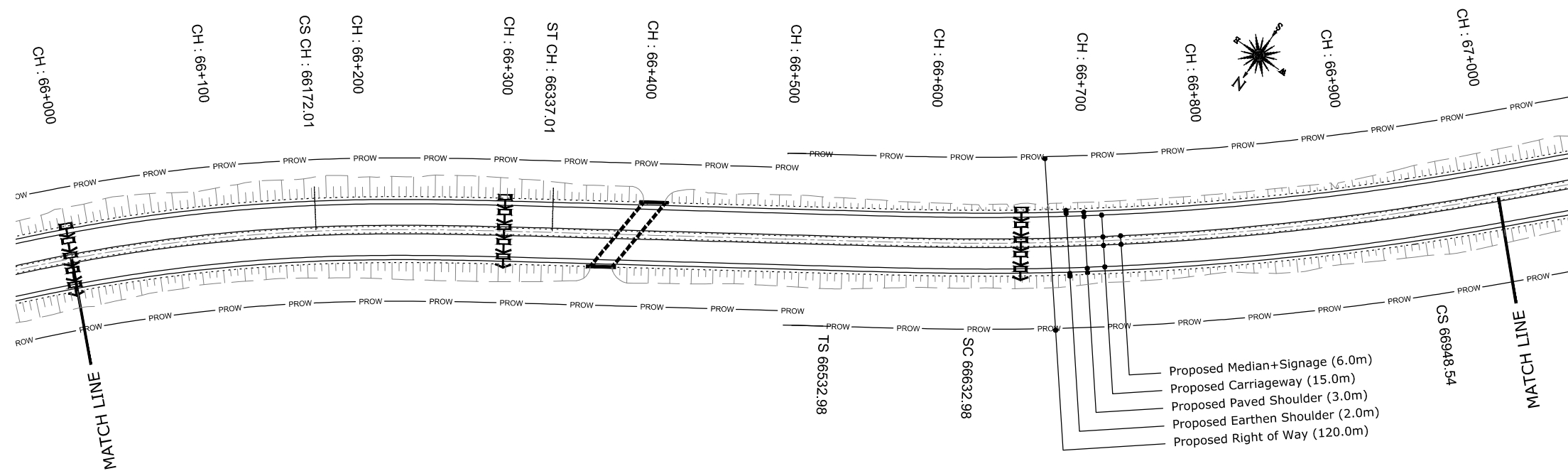
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← TO VADODARA

TO JNPT →



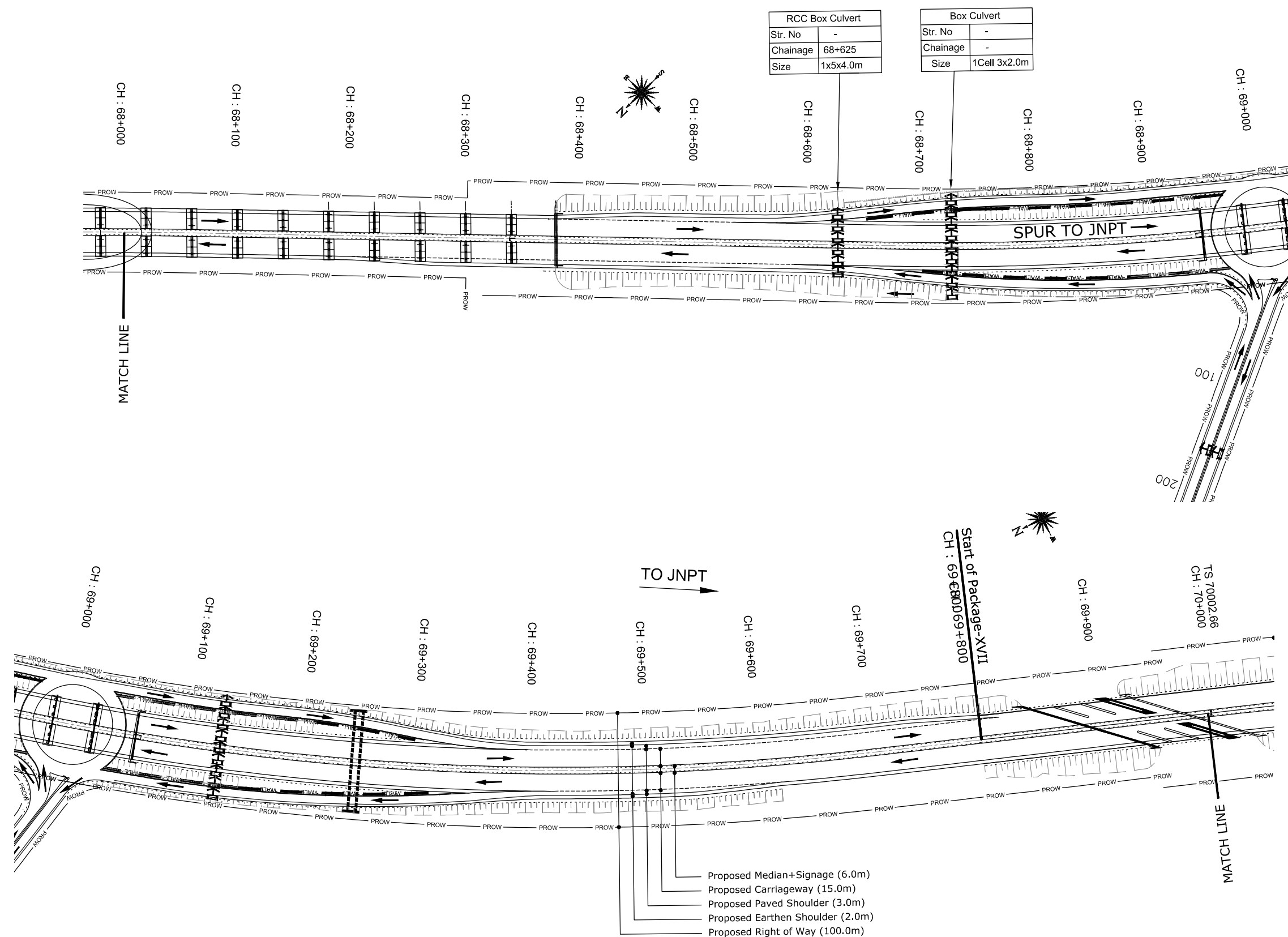
LEGEND	
Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

HIP NO :
HIP CH : 66+790,761

ANNEX-2.1

← TO VADODARA

TO JNPT →



LEGEND

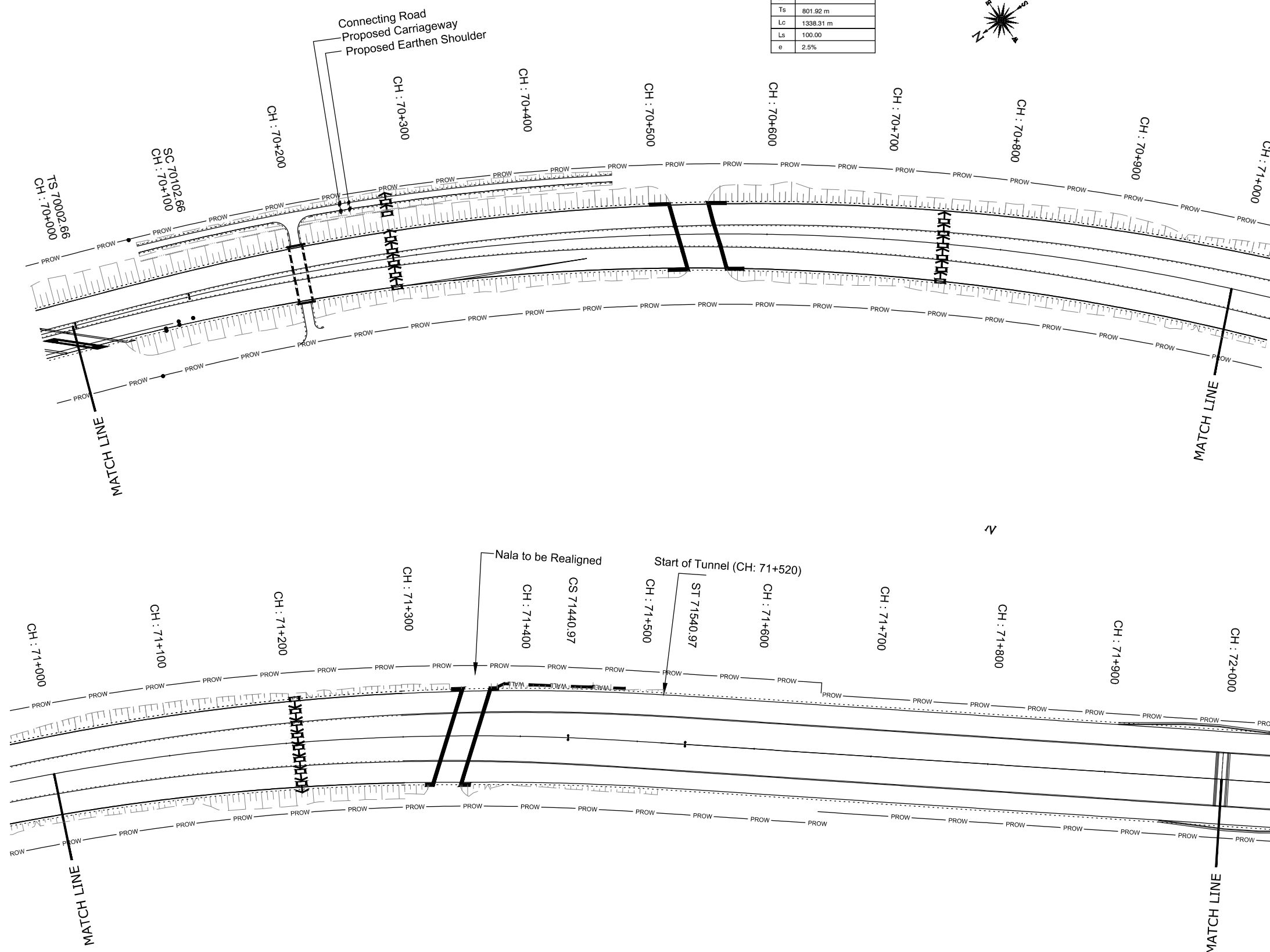
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Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1

← TO VADODARA

TO JNPT →

Δ	41° 12' 18.00"
R	2000 m
Ts	801.92 m
Lc	1338.31 m
Ls	100.00
e	2.5%



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 70.000 to Km. 72.000



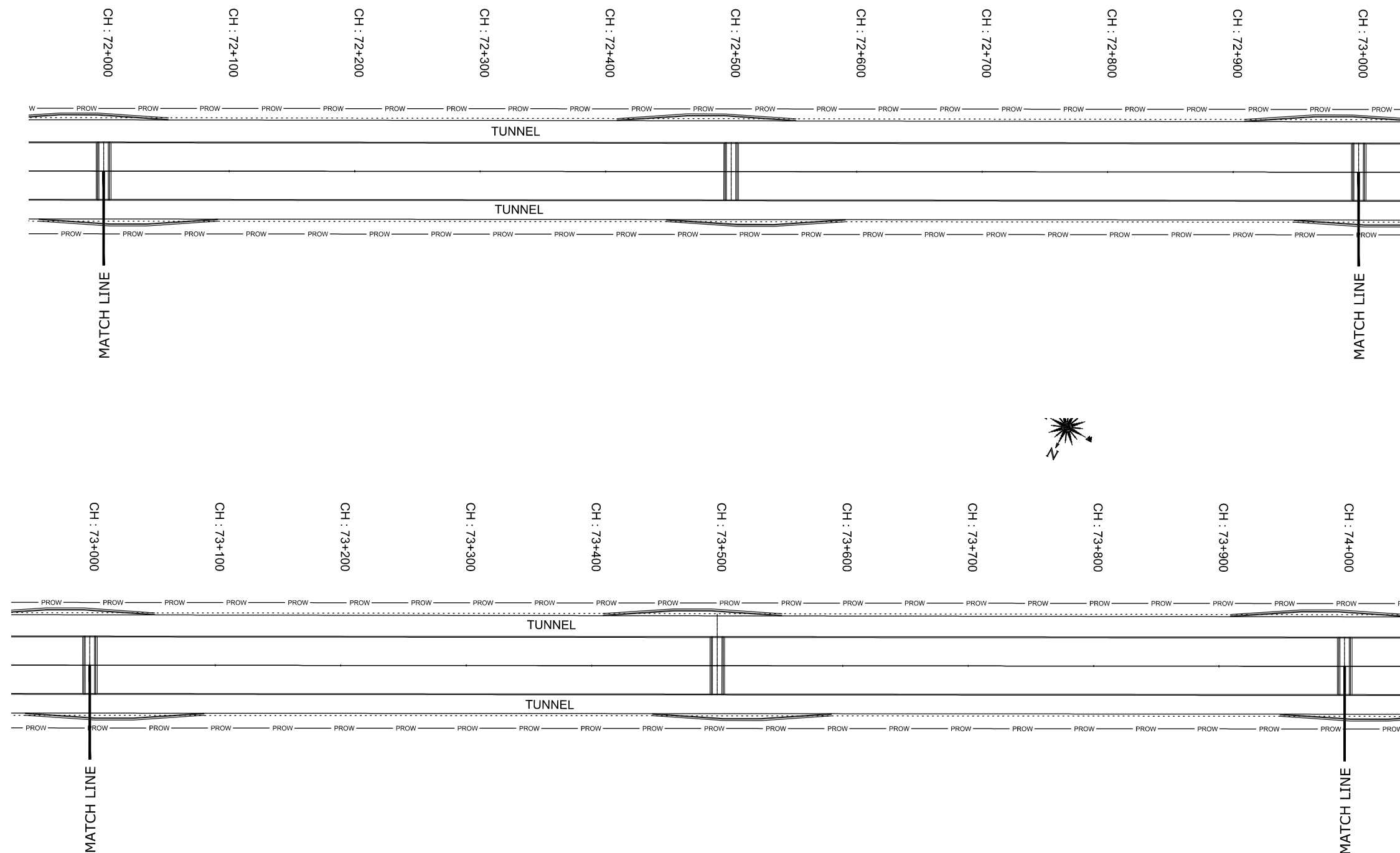
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LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN
Km. 72.000 to Km. 74.000



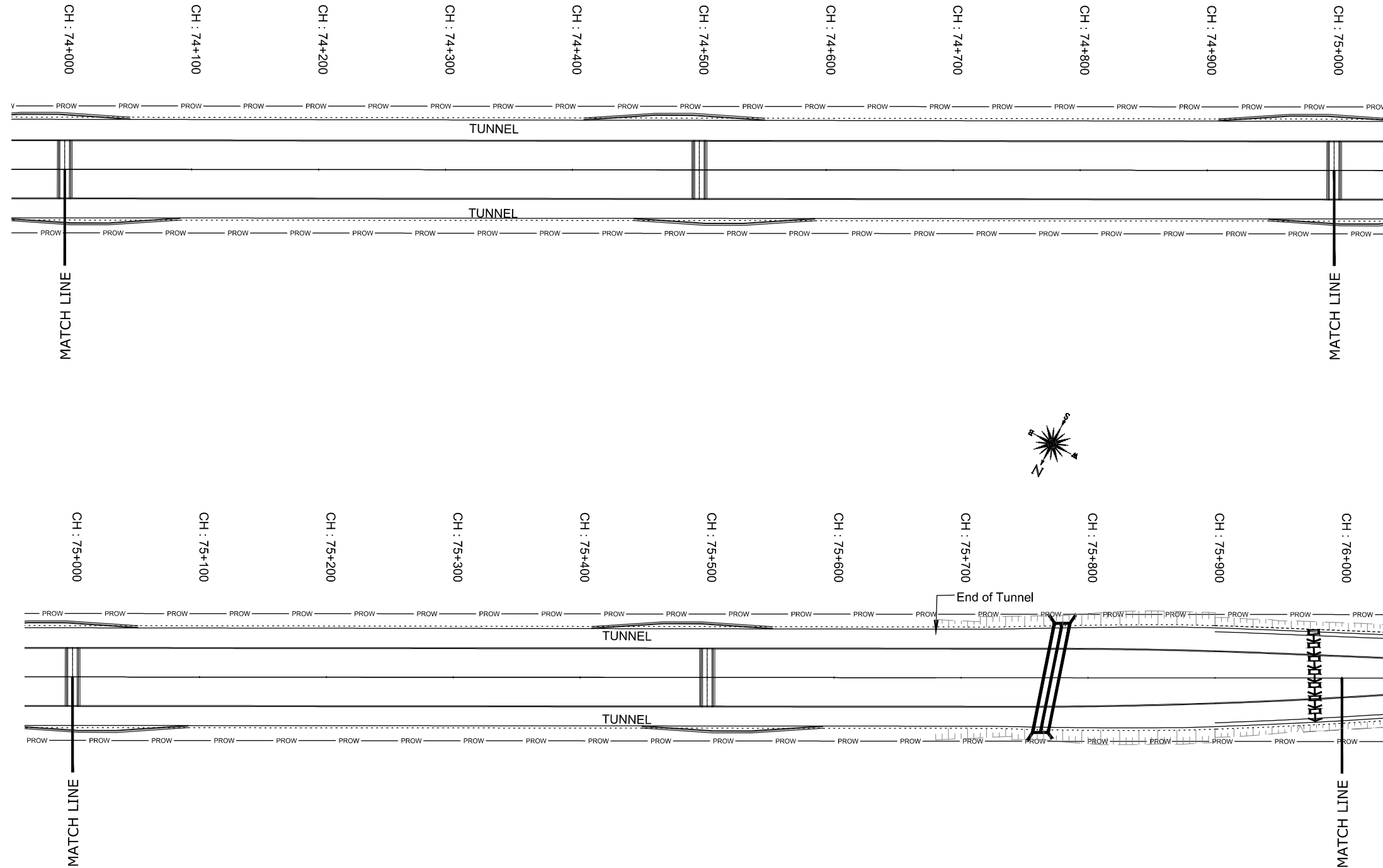
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LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge/Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN
Km. 74.000 to Km. 76.000



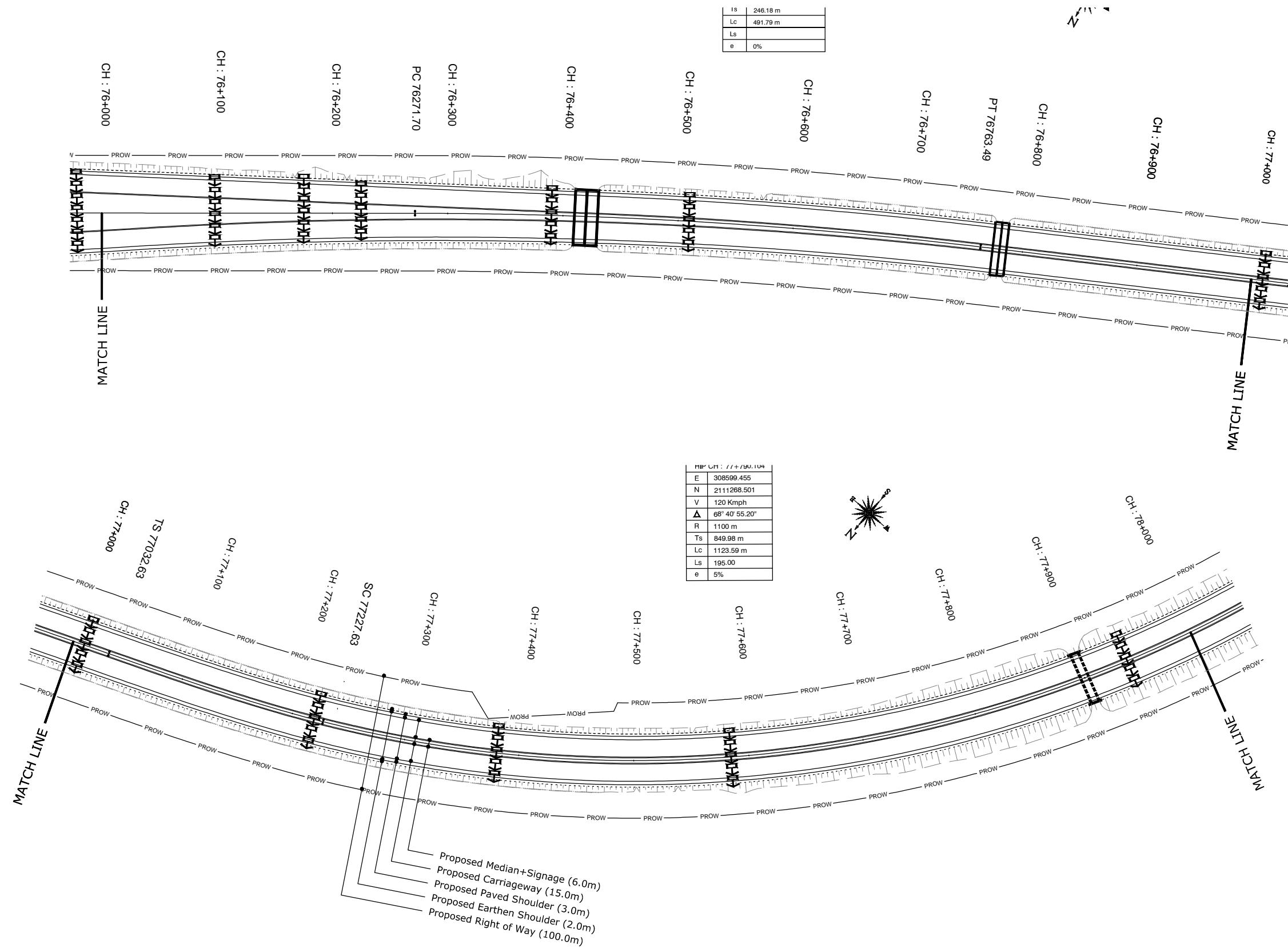
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IS	246.18 m
Lc	491.79 m
LS	
e	0%

CH : 77+000	CH : 77+100
E 308599.455	N 2111268.501
V 120 Km/h	R 1100 m
Δ 68° 40' 55.20"	TS 849.98 m
Lc 1123.59 m	Ls 195.00
e 5%	

LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN

Km. 76.000 to Km. 78.000



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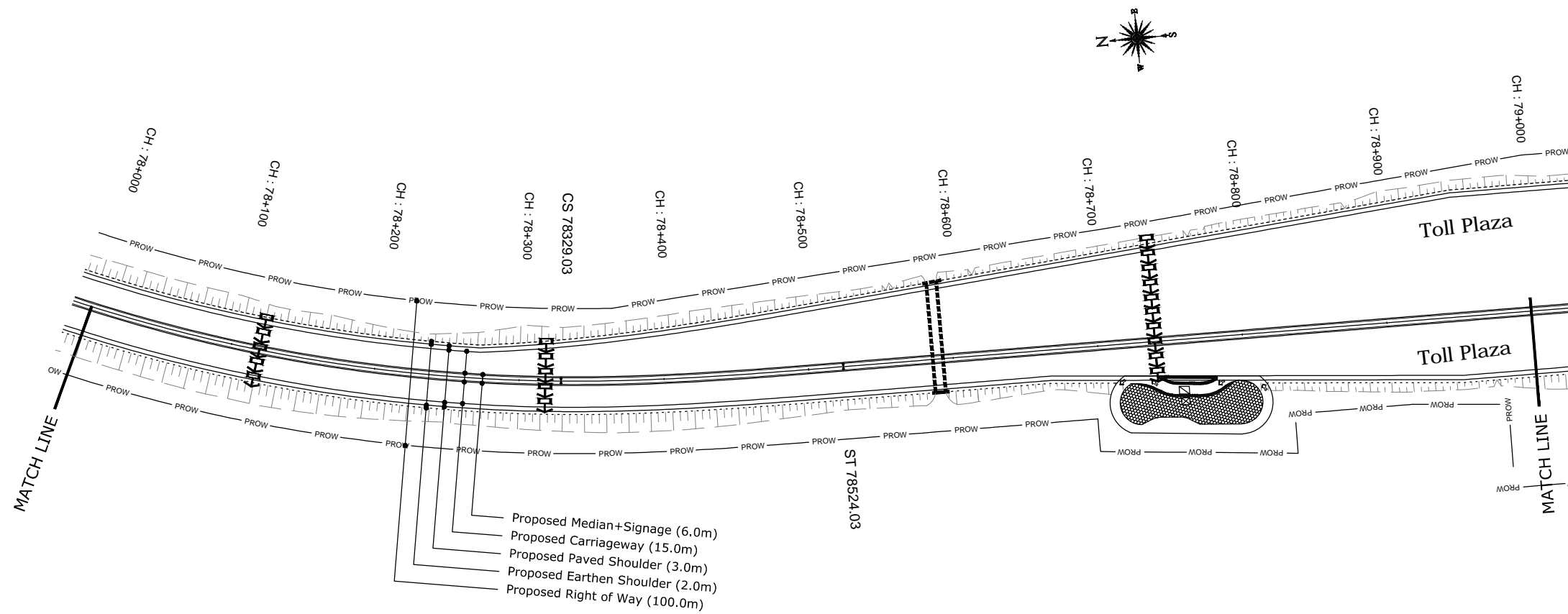
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LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
Grave Yard	
Gate Temporary/Permanents	
GPS	
Temporary Bench Mark	
Religious Structures	
Telephone Box	
Transformer Points	
Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
Nala	
Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN
Km. 78.000 to Km. 79.000



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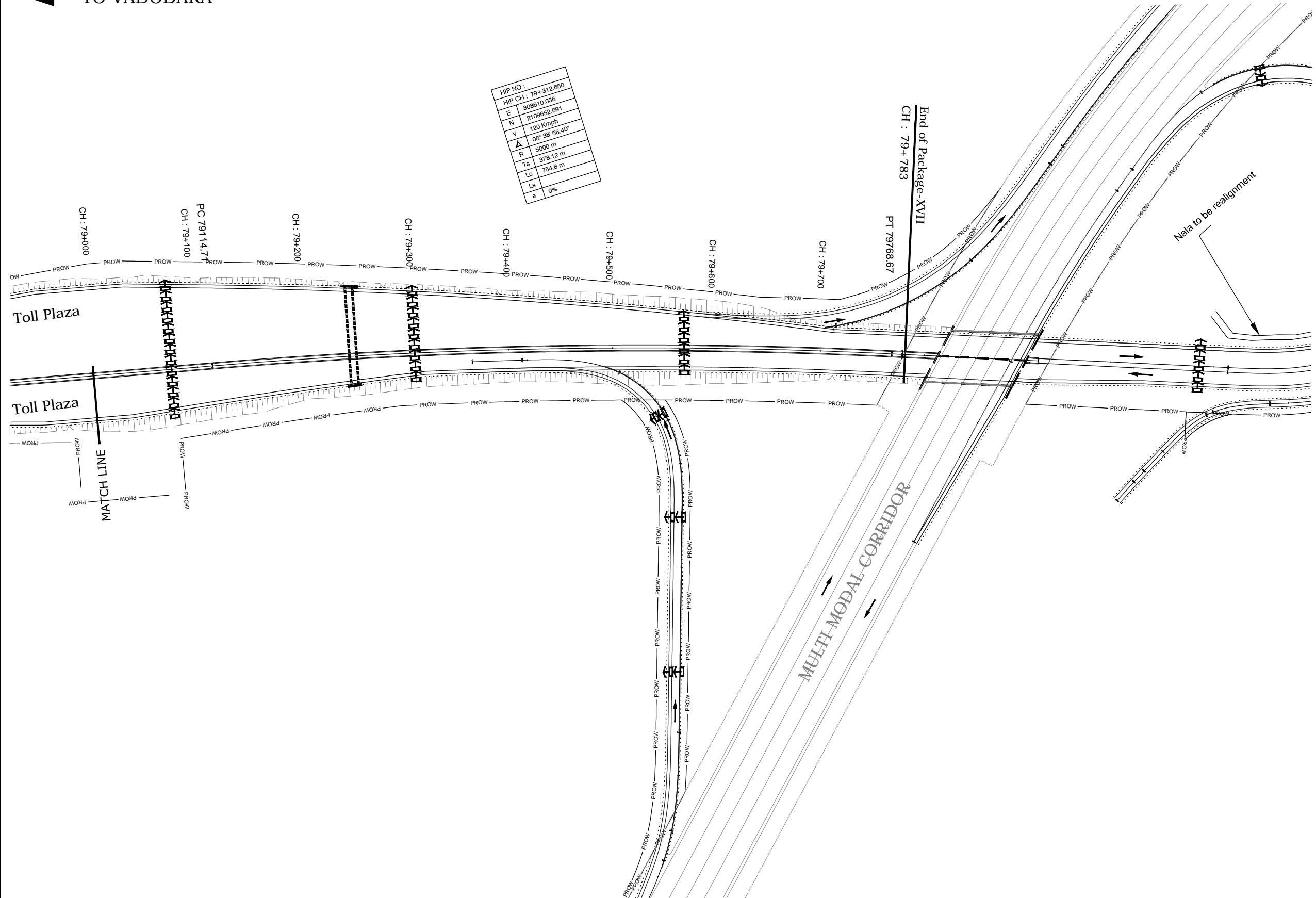
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← TO VADODARA

TO JNPT →

HIP NO :	
HIP CH : 79+312.850	
E	308610.096
N	2109652.091
V	120 Km/h
Δ	08° 38' 56.40"
R	5000 m
Ts	378.12 m
Lc	754.8 m
Ls	
e	0%



LEGEND

Proposed Center Line	
Proposed Median	
Proposed Carriageway Edge	
Proposed Service Road	
Proposed Toe Line	
Proposed Right of Way	
Proposed Toe Wall	
Proposed Culvert/Bridge /Underpass/Fly-over/ROB	
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Gate Temporary/Permanents	
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Temporary Bench Mark	
Religious Structures	
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Pylon	
Lamp Post	
Tree-T6, T5, T4, T3, T2	
Tube Well, Well	
Hand Pump	
Municipal Tap	
Kilometer Stone	
OFC Pillar	
Petrol Pump	
North Symbol	
Railway Track	
Boundary of Forest/Garden	
Existing Paved Road	
Existing Unpaved Road (Cart Track)	
Fence Line	
High Tension Lines	
Low Tension Line	
River	
Pond	
Canal	
Drain	
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Gas Pipe Line	
HFL Line	
Water Pipe Line	
DFCC Line	
Building (Kaccha)	
Building (Pucca)	
Building (Institute)	

ANNEX-2.1



Scale :
1 : 2500

Development of 8-Lane SPUR Starting from Km. 26.582 of Vadodara Mumbai Expressway Main alignment (Design Chainage 0+000) and Terminating at Propopsed Junction with the Multi-Modal Corridor of MMRDA (Desing Chainage 79+783) in the State of Maharashtra

LAYOUT PLAN
Km. 78.000 to Km. 79.000



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