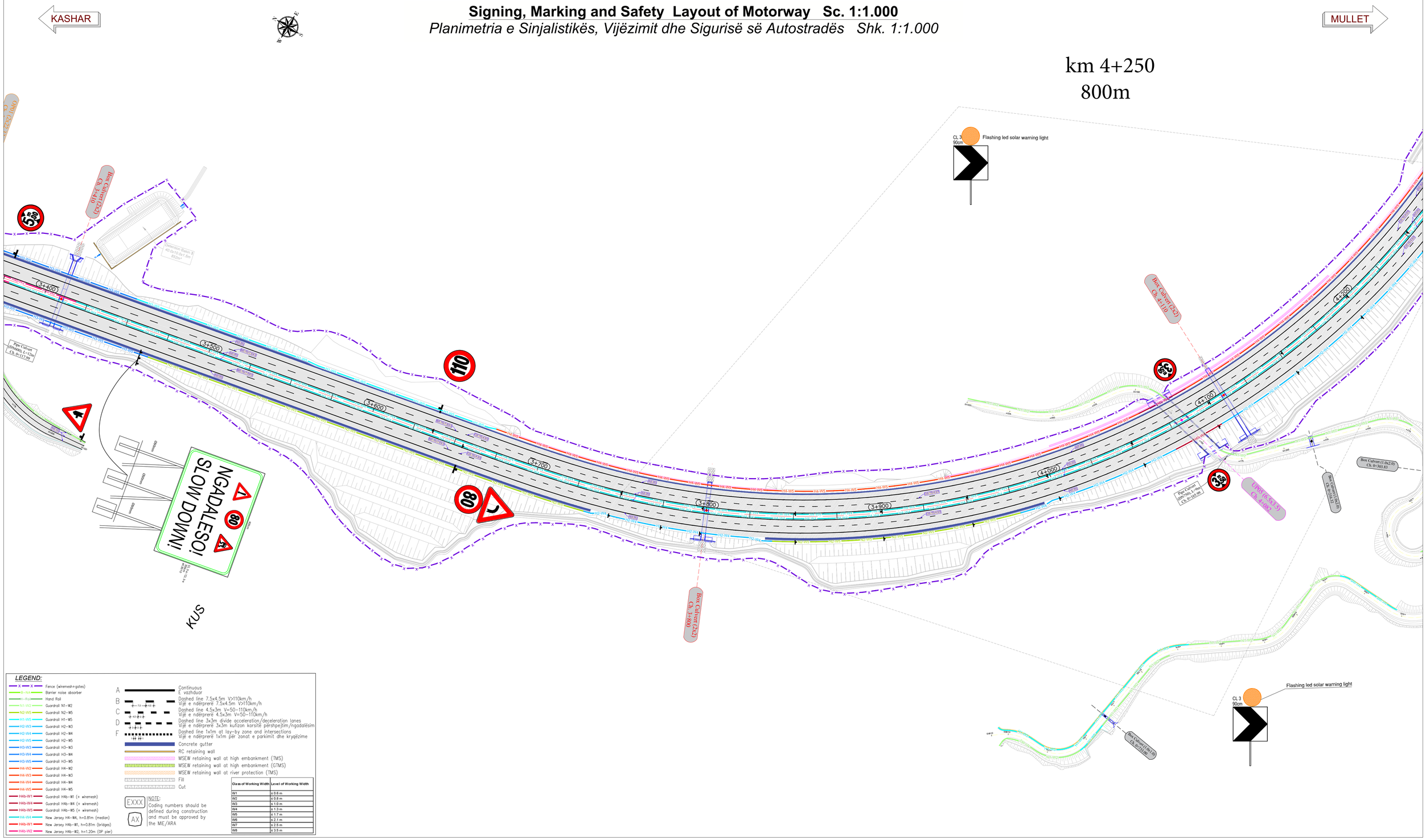
"Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës"

Faza 2 (PK 4+200 – PK 8+200)"

Signing, Marking and Safety Layout of Motorway Sc. 1:1.000

Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës Shk. 1:1.000



BENEFICIARY
PERFITUESI

Republic of Albania -
Ministry of Infrastructure and Energy of Albania,
Albanian Road Authority (ARA)

Republika e Shqiperise -
\Ministria e Infrastruktures dhe Energjise,
\Autoriteti Rrugor Shqiptar (ARRSH)

PROJECT
PROJEKTI

Western Balkan Investment Framework (WBIF)
Infrastructure Project Facility,
Technical Assistance 5 (IPF5)

SUBPROJECT
CODE AND TITLE

WB16-ALB-TRA-02: Detailed Design, ESIA and Tender Documents for the Construction of Tirana Bypass (Kashar - Vaqarr - Mullet)

KODI DHE TITULLI I NENPROJEKTIT

WB16-ALB-TRA-02: Projekti i Zbatimit, VNMS dhe Dokumentet e Tenderit te Bypass-it te Tiranes (Kashar - VAQARRr - Mullet)

Western Balkans Investment Framework WBIF
BUILDING THE EUROPEAN FUTURE TOGETHER
European Investment Bank The EU bank

Project Management
• IPF 5
Takovska 45a,
Belgrade 11108, Serbia

Designer
InfraTransProject Ltd.
Rr. Qemal Stafa, P. 132,
Tirana 1017, Albania

DRAWING TITLE
Road vertical sign, marking & barriers.

EMERTIMI I VIZATIMIT
Shenjat rrugore vertikale, horizontale & barrierat.

DRAWING NO
WB16ALBTRA02-SA-SG-PL- *007*

NR. VIZATIMIT
WB16ALBTRA02-SA-SG-PL- 007

DESIGNED BY / *PROJEKTOI*	CHECKED BY / *KONTROLLOI*	APPROVED BY / *APROVOI*	DATE *DATA*
FARUK KABA (FK) REZAR KUMBARO (RK) REZART ARKAXHIU (RA)	DIMITRIS LAGKADIANOS (DL) PANOS PIKRODIMITRIS (PP)	RALPH HENDERSON (RH)	09/2021

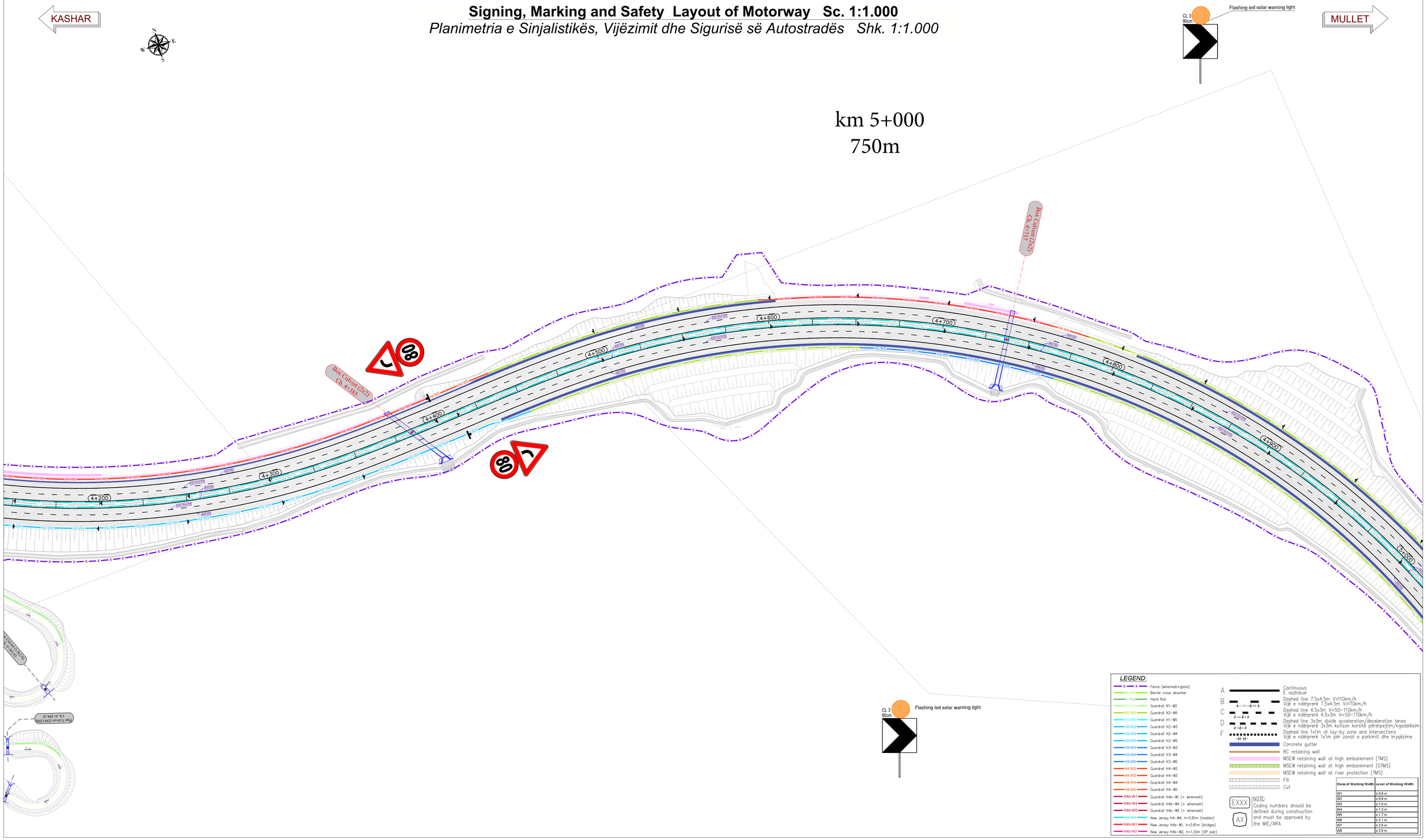
REVISIONS / *RISHIKIMET*

ISSUE / *VERSION*	DATE / *DATE*	DESCRIPTION / *PERSHKRIMI*
00	09/2021	First Draft

SCALE
SHKALLA
A1 - 1:1.000
A3 - 1:2.000

Signing, Marking and Safety Layout of Motorway Sc. 1:1.000

Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës Shk. 1:1.000



BENEFICIARY
PERFITUESI

Republic of Albania -
Ministry of Infrastructure and Energy of Albania,
Albanian Road Authority (ARA)

Republika e Shqiperise -
\Ministria e Infrastruktures dhe Energjise,
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PROJECT
PROJEKTI

Western Balkan Investment Framework (WBIF)
Infrastructure Project Facility,
Technical Assistance 5 (IPF5)

SUBPROJECT
CODE AND TITLE

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European Investment Bank The EU bank

Project Management
• IPF 5
Takovska 45a,
Belgrade 11108, Serbia

Designer
InfraTranaProject Ltd.
Rr. Qemal Stafa, P. 132,
Tirana 1017, Albania

DRAWING TITLE
Road vertical sign, marking & barriers.

EMERTIMI I VIZATIMIT
Shenjat rrugore vertikale, horizontale & barrierat.

DRAWING NO
WB16ALBTRA02-SA-SG-PL- *008*

NR. VIZATIMIT
WB16ALBTRA02-SA-SG-PL- 008

DESIGNED BY / *PROJEKTOI*	CHECKED BY / *KONTROLLOI*	APPROVED BY / *APROVOI*	DATE *DATA*
FARUK KABA (FK) REZAR KUMBARO (RK) REZART ARKAXHIU (RA)	DIMITRIS LAGKADIANOS (DL) PANOS PIKRODIMITRIS (PP)	RALPH HENDERSON (RH)	09/2021

REVISIONS / *RISHIKIMET*

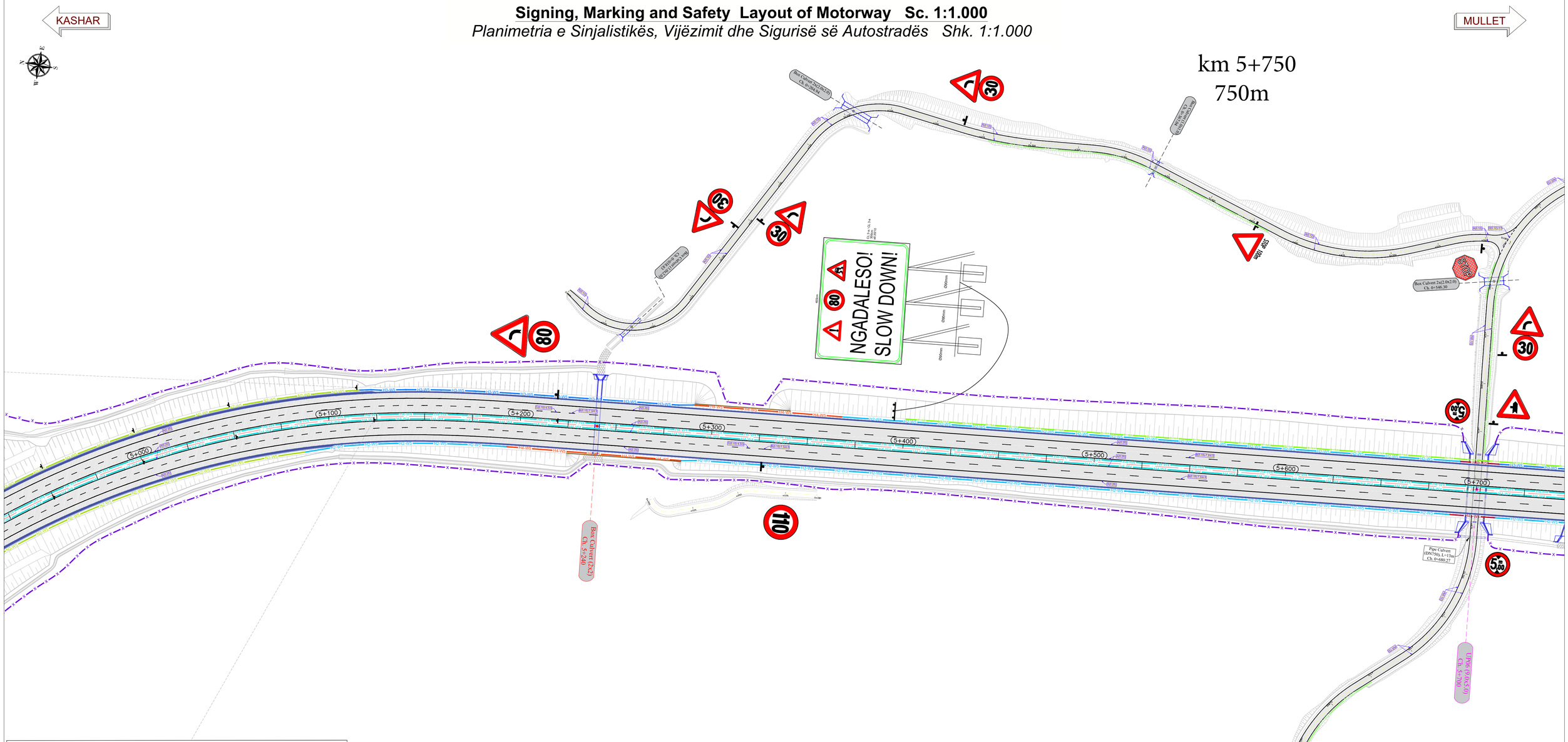
ISSUE / *VERSION*	DATE / *DATE*	DESCRIPTION / *PERSHKRIMI*
00	09/2021	First Draft

SCALE
SHKALLA

A1 - 1:1.000
A3 - 1:2.000

Signing, Marking and Safety Layout of Motorway Sc. 1:1.000

Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës Shk. 1:1.000



LEGEND:

- Fence (wiremesh+gates)
- Barrier noise absorber
- Hand Rail
- Guardrail N1-W2
- Guardrail N2-W5
- Guardrail H1-W5
- Guardrail H2-W3
- Guardrail H2-W4
- Guardrail H2-W5
- Guardrail H3-W3
- Guardrail H3-W4
- Guardrail H3-W5
- Guardrail H4-W2
- Guardrail H4-W3
- Guardrail H4-W4
- Guardrail H4-W5
- Guardrail H4b-W1 (+ wiremesh)
- Guardrail H4b-W4 (+ wiremesh)
- Guardrail H4b-W5 (+ wiremesh)
- New Jersey H4-W4, h=0.81m (median)
- New Jersey H4b-W1, h=0.81m (bridges)
- New Jersey H4b-W2, h=1.20m (OP pier)

A — Continuous
E vazhduar

B — Dashed line 7.5x4.5m V>110km/h
Vijë e ndërpreré 7.5x4.5m V>110km/h

C — Dashed line 4.5x3m V=50-110km/h
Vijë e ndërpreré 4.5x3m V=50-110km/h

D — Dashed line 3x3m divide acceleration/deceleration lanes
Vijë e ndërpreré 3x3m kufizon korsitë përshpejtim/ngadalësim

F — Dashed line 1x1m at lay-by zone and intersections
Vijë e ndërpreré 1x1m për zonat e parkimit dhe kryqëzime

- Concrete gutter
- RC retaining wall
- MSEW retaining wall at high embankment (TMS)
- MSEW retaining wall at high embankment (GTMS)
- MSEW retaining wall at river protection (TMS)
- Fill
- Cut

EXXX

AX

NOTE:
Coding numbers should be defined during construction and must be approved by the MIE/ARA

Class of Working Width	Level of Working Width
W1	≤ 0.6 m
W2	≤ 0.8 m
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BENEFICIARY
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\Autoriteti Rrugor Shqiptar (ARRSH)

PROJECT
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Western Balkan Investment Framework (WBIF)
Infrastructure Project Facility,
Technical Assistance 5 (IPF5)

SUBPROJECT
CODE AND TITLE

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KODI DHE TITULLI I NENPROJEKTIT

WB16-ALB-TRA-02: Projekti i Zbatimit, VNMS dhe Dokumentet e Tenderit te Bypass-it te Tiranes (Kashar - VAQARRr - Mullet)

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European Investment Bank The EU bank

Project Management
• IPF 5
Takovska 45a,
Belgrade 11108, Serbia

Designer
InfraTeamaProject Ltd.
Rr. Qemal Stafa, P. 132,
Tirana 1017, Albania

DRAWING TITLE
Road vertical sign, marking & barriers.

EMERTIMI I VIZATIMIT
Shenjat rrugore vertikale, horizontale & barrierat.

DRAWING NO
WB16ALBTRA02-SA-SG-PL- *009*

NR. VIZATIMIT
WB16ALBTRA02-SA-SG-PL- 009

DESIGNED BY / *PROJEKTOI*	CHECKED BY / *KONTROLLOI*	APPROVED BY / *APROVOI*	DATE *DATA*
FARUK KABA (FK) REZAR KUMBARO (RK) REZART ARKAXHIU (RA)	DIMITRIS LAGKADIANOS (DL) PANOS PIKRODIMITRIS (PP)	RALPH HENDERSON (RH)	09/2021

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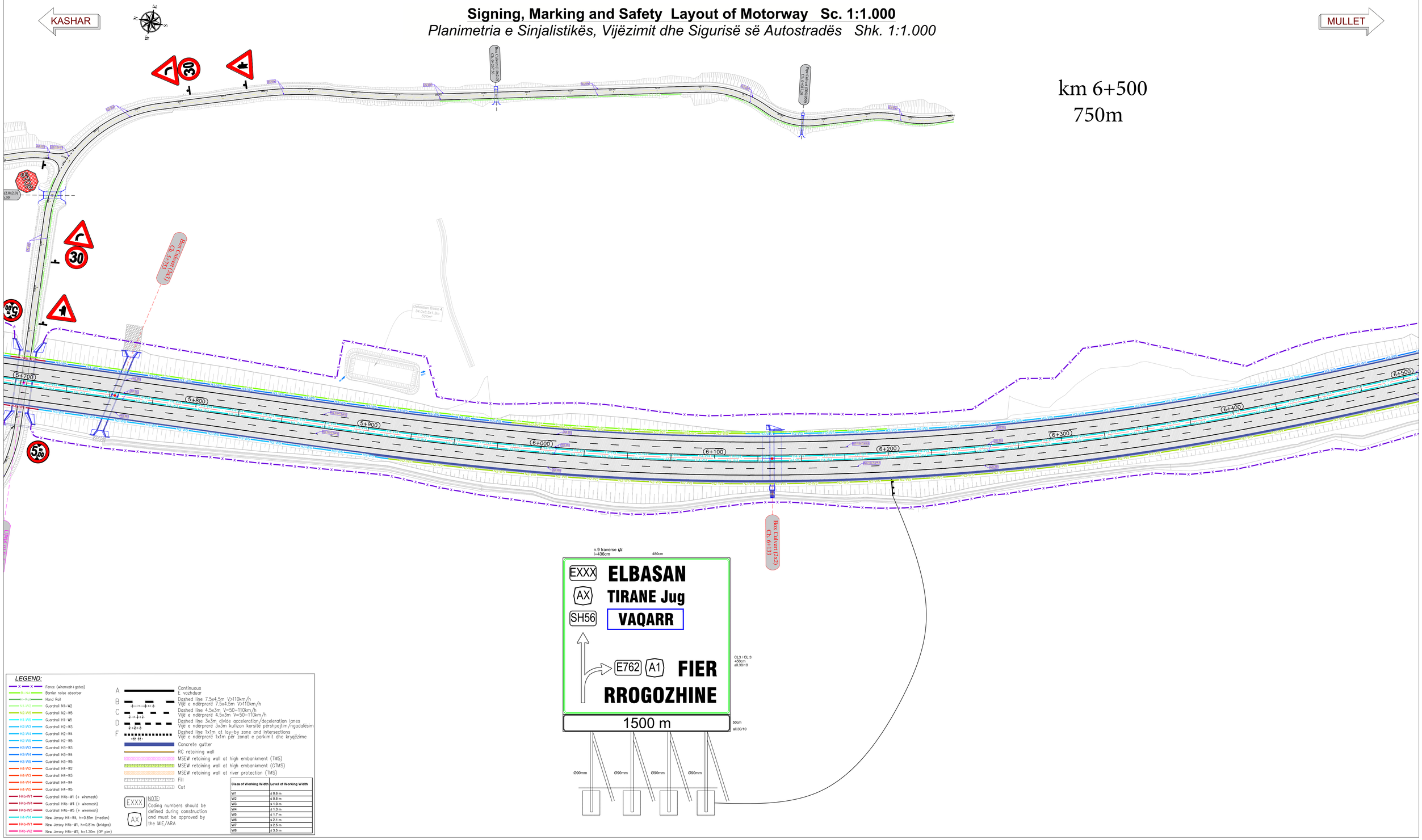
ISSUE / *VERSION*	DATE / *DATE*	DESCRIPTION / *PERSHKRIMI*
00	09/2021	First Draft

SCALE
SHKALLA

A1 - 1:1.000
A3 - 1:2.000

Signing, Marking and Safety Layout of Motorway Sc. 1:1.000

Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës Shk. 1:1.000



BENEFICIARY
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Albanian Road Authority (ARA)

Republika e Shqiperise -
\Ministria e Infrastruktures dhe Energjise,
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PROJECT
PROJEKTI

Western Balkan Investment Framework (WBIF)
Infrastructure Project Facility,
Technical Assistance 5 (IPF5)

SUBPROJECT
CODE AND TITLE

KODI DHE TITULLI
I NENPROJEKTIT

WB16-ALB-TRA-02: Detailed Design, ESIA and Tender Documents for the Construction of Tirana Bypass (Kashar - Vaqarr - Mullet)

WB16-ALB-TRA-02: Projekti i Zbatimit, VNMS dhe Dokumentet e Tenderit te Bypass-it te Tiranes (Kashar - VAQARRr - Mullet)

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European Investment Bank The EU bank

Project Management
• IPF 5
Takovska 45a,
Belgrade 11108, Serbia

Designer
InfraTiranaProject Ltd.
Rr. Qemal Stafa, P. 132,
Tirana 1017, Albania

DRAWING TITLE
Road vertical sign, marking & barriers.

EMERTIMI I VIZATIMIT
Shenjat rrugore vertikale, horizontale & barrierat.

DRAWING NO
WB16ALBTRA02-SA-SG-PL- *010*

NR. VIZATIMIT
WB16ALBTRA02-SA-SG-PL- 010

DESIGNED BY / *PROJEKTOI*	CHECKED BY / *KONTROLLOI*	APPROVED BY / *APROVOI*	DATE *DATA*
FARUK KABA (FK) REZAR KUMBARO (RK) REZART ARKAXHIU (RA)	DIMITRIS LAGKADIANOS (DL) PANOS PIKRODIMITRIS (PP)	RALPH HENDERSON (RH)	09/2021

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Signing, Marking and Safety Layout of Motorway Sc. 1:1.000

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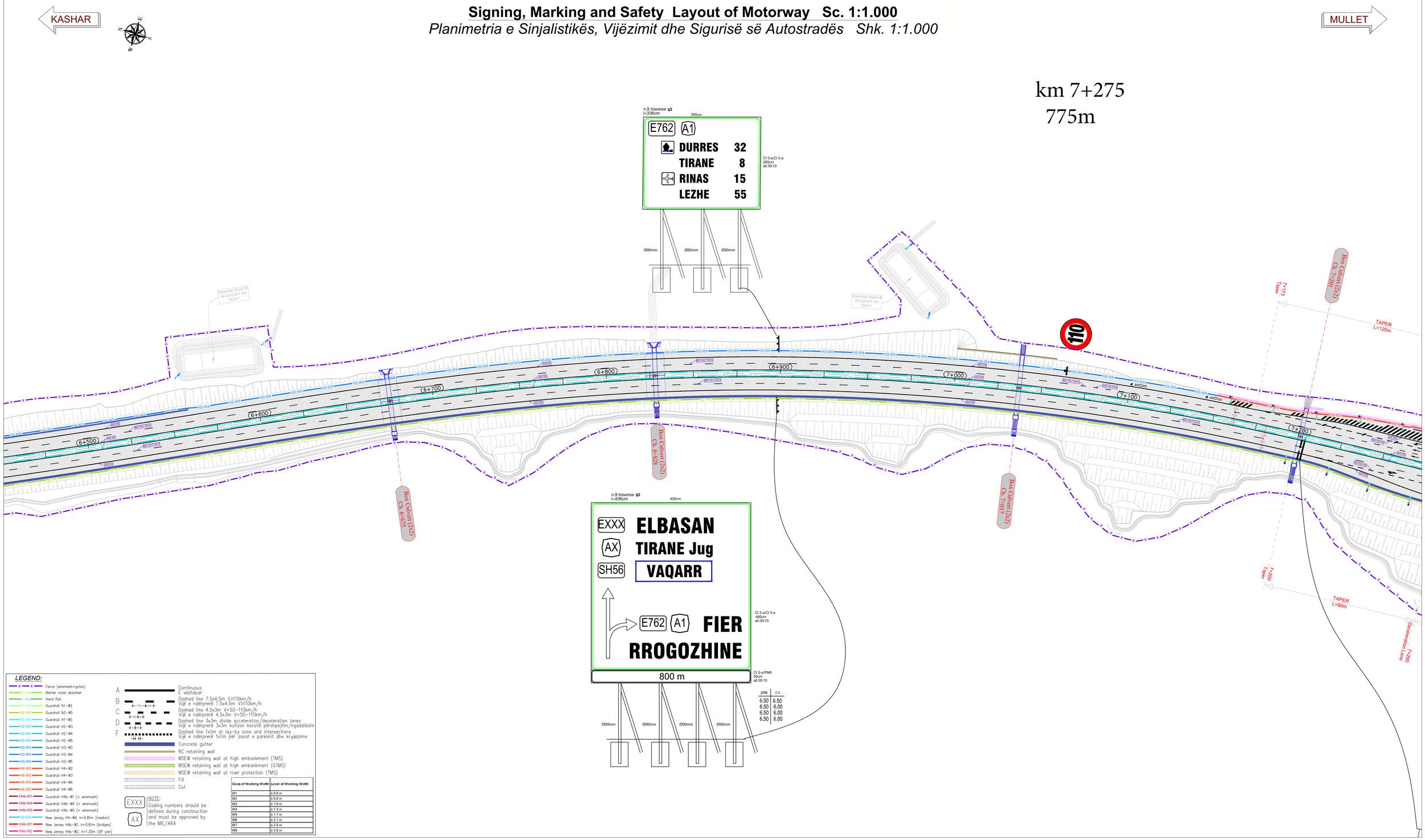

LEGEND:

- Fence (wiremesh+gates)
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- Hand Rail
- N1-W2 Guardrail N1-W2
- N2-W5 Guardrail N2-W5
- H1-W5 Guardrail H1-W5
- H2-W3 Guardrail H2-W3
- H2-W4 Guardrail H2-W4
- H2-W5 Guardrail H2-W5
- H3-W3 Guardrail H3-W3
- H3-W4 Guardrail H3-W4
- H3-W5 Guardrail H3-W5
- H4-W2 Guardrail H4-W2
- H4-W3 Guardrail H4-W3
- H4-W4 Guardrail H4-W4
- H4-W5 Guardrail H4-W5
- H4b-W1 Guardrail H4b-W1 (+ wiremesh)
- H4b-W4 Guardrail H4b-W4 (+ wiremesh)
- H4b-W5 Guardrail H4b-W5 (+ wiremesh)
- H4-W4 New Jersey H4-W4, h=0.81m (median)
- H4b-W1 New Jersey H4b-W1, h=0.81m (bridges)
- H4b-W2 New Jersey H4b-W2, h=1.20m (OP pier)

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Vijë e ndërpreré 7.5x4.5m V>110km/h

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Vijë e ndërpreré 4.5x3m V=50–110km/h

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Vijë e ndërpreré 3x3m kufizon korsitë përshpejtim/ngadalësim

F Dashed line 1x1m at lay-by zone and intersections
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Concrete gutter

RC retaining wall

MSEW retaining wall at high embankment (TMS)

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Cut

EXXX
AX

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PERFITUESI

Republic of Albania -
Ministry of Infrastructure and Energy of Albania,
Albanian Road Authority (ARA)

Republika e Shqiperise -
\Ministria e Infrastruktures dhe Energjise,
\Autoriteti Rrugor Shqiptar (ARRSH)

PROJECT
PROJEKTI

Western Balkan Investment Framework (WBIF)
Infrastructure Project Facility,
Technical Assistance 5 (IPF5)

SUBPROJECT
CODE AND TITLE

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European Investment Bank The EU bank

Project Management
IPF 5
Takovska 45a,
Belgrade 11108, Serbia

Designer
InfraTiranaProject Ltd.
Rr. Qemal Stafa, P. 132,
Tirana 1017, Albania

DRAWING TITLE
Road vertical sign, marking & barriers.

EMERTIMI I VIZATIMIT
Shenjat rrugore vertikale, horizontale & barrierat.

DRAWING NO
WB16ALBTRA02-SA-SG-PL- *011*

NR. VIZATIMIT
WB16ALBTRA02-SA-SG-PL- 011

DESIGNED BY / *PROJEKTOI*	CHECKED BY / *KONTROLLOI*	APPROVED BY / *APROVOI*	DATE *DATA*
FARUK KABA (FK) REZAR KUMBARO (RK) REZART ARKAXHIU (RA)	DIMITRIS LAGKADIANOS (DL) PANOS PIKRODIMITRIS (PP)	RALPH HENDERSON (RH)	09/2021

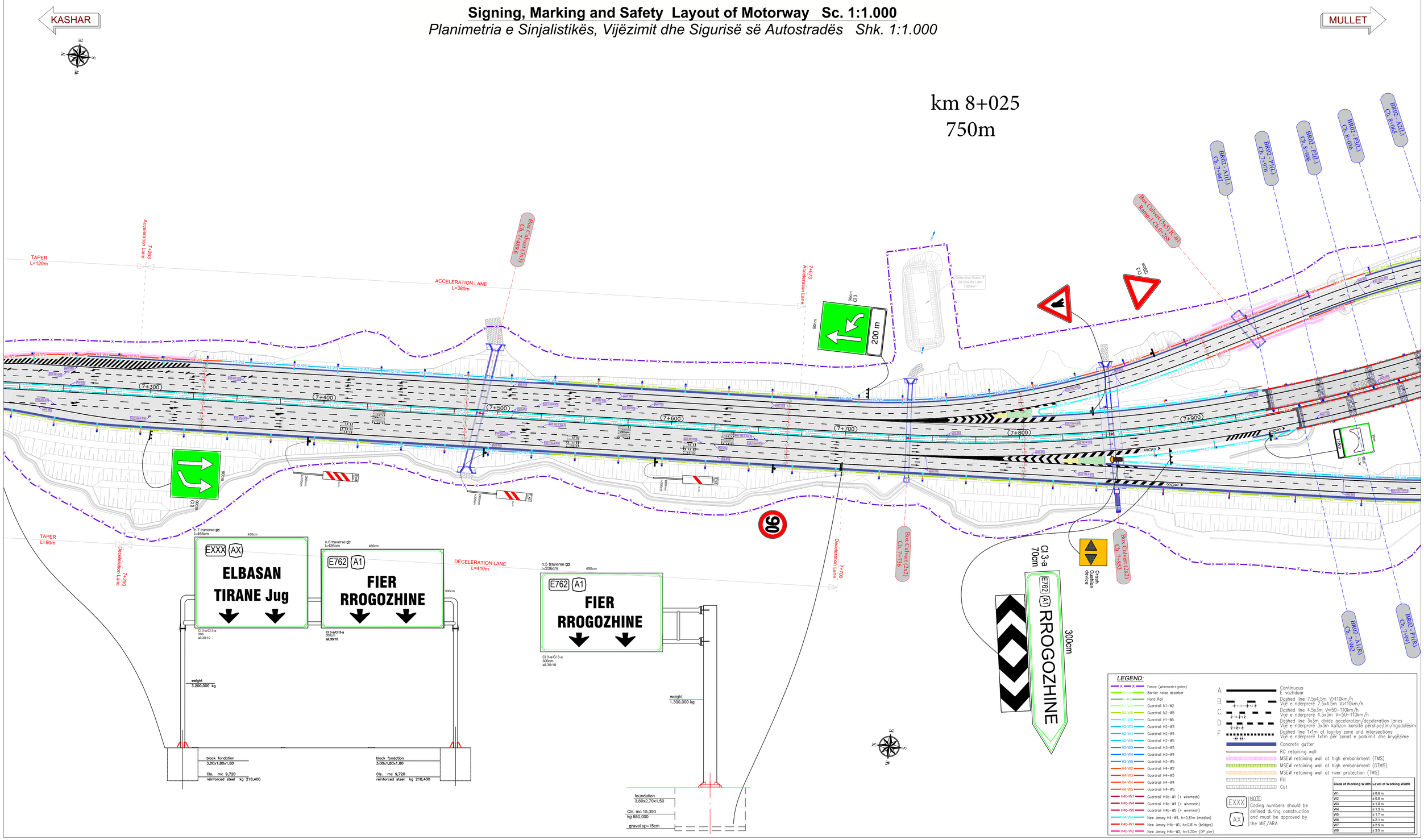
REVISIONS / *RISHIKIMET*

ISSUE / *VERSION*	DATE / *DATE*	DESCRIPTION / *PERSHKRIMI*
00	09/2021	First Draft

SCALE *SHKALLA*
A1 - 1:1.000
A3 - 1:2.000

Signing, Marking and Safety Layout of Motorway Sc. 1:1.000

Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës Shk. 1:1.000



BENEFICIARY
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IPF 5
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Belgrade 11108, Serbia

Designer
InfraTransProject Ltd.
Rr. Qemal Stafa, P. 132,
Tirana 1017, Albania

DRAWING TITLE
Road vertical sign, marking & barriers.

EMERTIMI I VIZATIMIT
Shenjat rrugore vertikale, horizontale & barrierat.

DRAWING NO
WB16ALBTRA02-SA-SG-PL- *012*

NR. VIZATIMIT
WB16ALBTRA02-SA-SG-PL- 012

DESIGNED BY / *PROJEKTOI*	CHECKED BY / *KONTROLLOI*	APPROVED BY / *APROVOI*	DATE *DATA*
FARUK KABA (FK) REZAR KUMBARO (RK) REZART ARKAXHIU (RA)	DIMITRIS LAGKADIANOS (DL) PANOS PIKRODIMITRIS (PP)	RALPH HENDERSON (RH)	09/2021

REVISIONS / *RISHIKIMET*

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SCALE *SHKALLA*
A1 - 1:1.000
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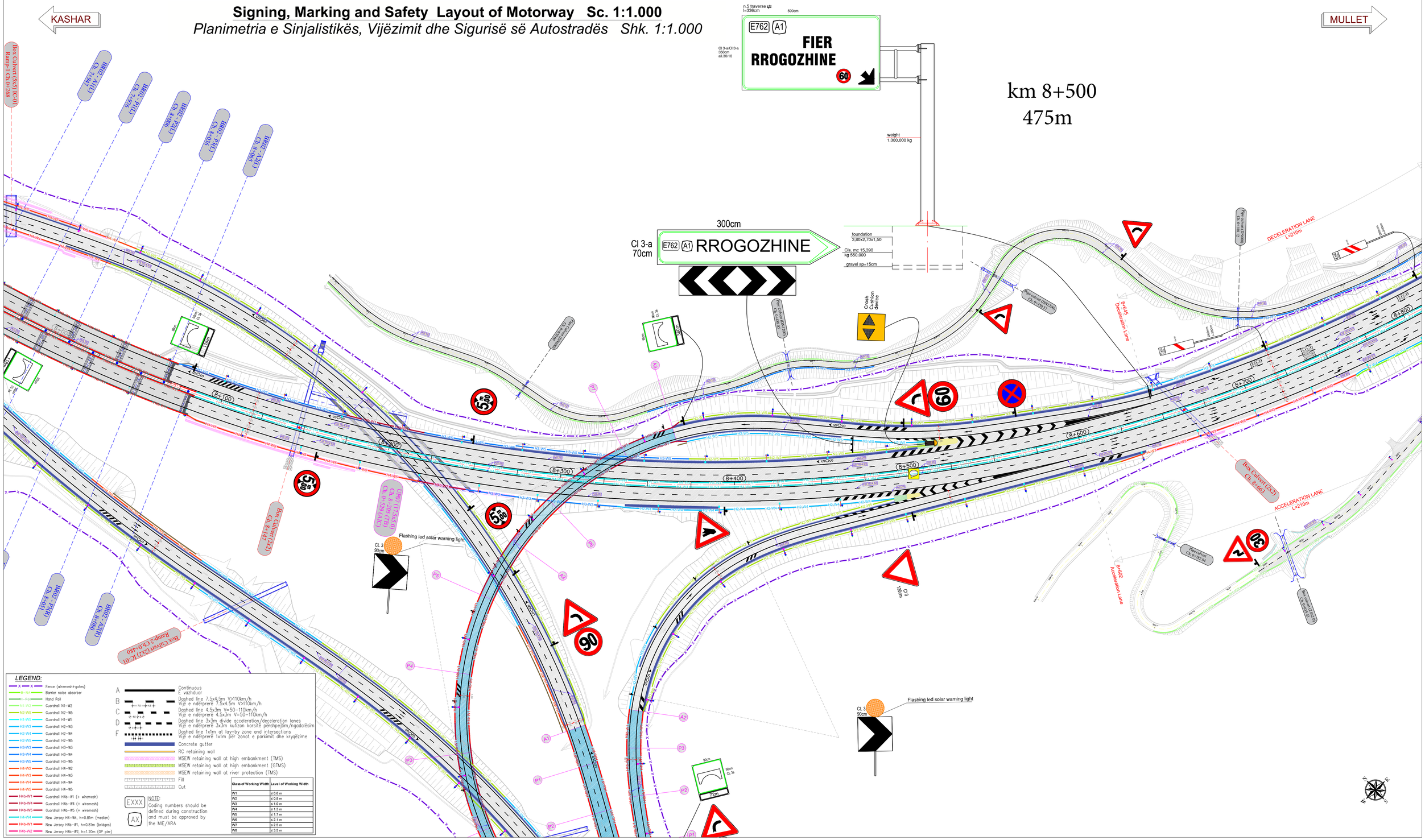
Signing, Marking and Safety Layout of Motorway Sc. 1:1.000

Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës Shk. 1:1.000



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Project Management
wyg • IPF 5
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Belgrade 11108, Serbia

Designer
Intra/TransProject Ltd.
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EMERTIMI I VIZATIMIT
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DRAWING NO
WB16ALBTRA02-SA-SG-PL- *013*

NR. VIZATIMIT
WB16ALBTRA02-SA-SG-PL- 013

DESIGNED BY / *PROJEKTOI*	CHECKED BY / *KONTROLLOI*	APPROVED BY / *APROVOI*	DATE *DATA*
FARUK KABA (FK) REZAR KUMBARO (RK) REZART ARKAXHIU (RA)	DIMITRIS LAGKADIANOS (DL) PANOS PIKRODIMITRIS (PP)	RALPH HENDERSON (RH)	09/2021

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