

"Planimetria e Sinjalistikës, Vijëzimit dhe
Sigurisë së Autostradës
Faza 1 (PK 0+000 – PK 4+200)"

Signing, Marking and Safety Layout of Motorway Sc. 1:1.000
Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës Shk. 1:1.000

This section of Thumane-Kashar Detailed Design has changed in long. prc in order to link correctly with Tirana Bypass Detailed Design

STARTING OF THE PROJECT

THUMANE

TIRANE

DURRES

MULLET

Entry

Deceleration segment = 210m

Connector segment = 90m

Acceleration segment = 345m

70

LEGEND:

A Continuous
E vazhduar

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

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

D Dashed line 3x3m divide acceleration/deceleration lanes
Vijë e ndërprerë 3x3m kullon akseleratë/dekeleratë

F Dashed line 1x1m at lay-by zone and intersections
Vijë e ndërprerë 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 (GMS)

MSEW retaining wall at river protection (TMS)

Fill

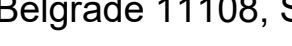
Cut

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

XXXX

AX

Class of Working Width	Level of Working Width
W1	± 0.6 m
W2	± 0.8 m
W3	± 1.0 m
W4	± 1.3 m
W5	± 1.7 m
W6	± 2.1 m
W7	± 2.5 m
W8	± 3.5 m

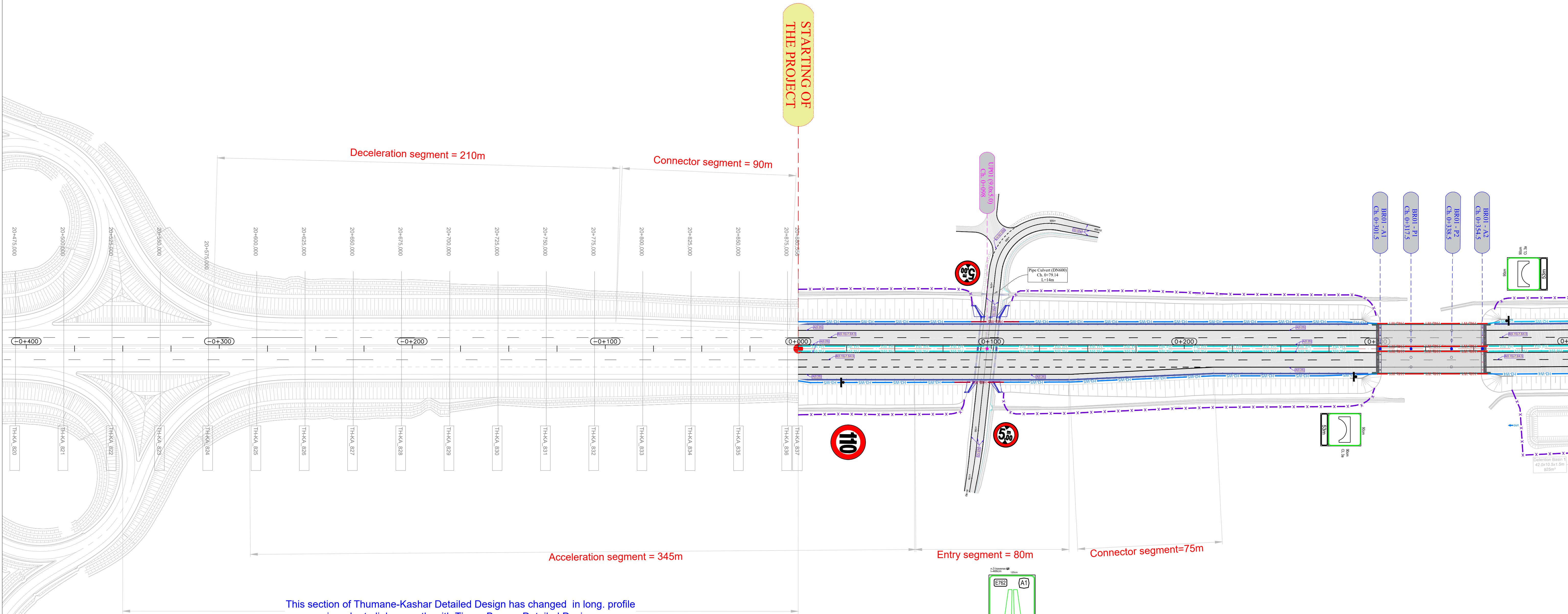
 BENEFICIARY PERFITUESI Republic of Albania - Ministry of Infrastructure and Energy of Albania, Albanian Road Authority (ARA) <i>Republika e Shqipërisë - Ministria e Infrastruktures dhe Energjië, Autoriteti Rrugor Shqiptar (ARRSH)</i>	PROJECT PROJEKTI Western Balkan Investment Framework (WBIF) Infrastructure Project Facility, Technical Assistance 5 (IPF5)	 Western Balkans Investment Framework WBIF BUILDING THE EUROPEAN FUTURE TOGETHER  European Investment Bank <i>The Ed bank</i>	Project Management  • IPF 5 Takovska 45a, Belgrade 11108, Serbia Designer  Rr. Qemal Stafa, P. 132, Tirana 1017, Albania	DRAWING TITLE Road vertical sign, marking & barriers. <i>EMERTIMI I VIZATIMIT</i> <i>Shenjat rrugore vertikale, horizontale & barrierat.</i> DRAWING NO WB16ALBTRA02-SA-SG-PL- 001 <i>NR. VIZATIMIT</i> <i>WB16ALBTRA02-SA-SG-PL- 001</i>	DESIGNED BY / PROJEKTOI FARUK KABA (FK) REZAR KUMBARO (RK) REZART ARKAXHIU (RA) CHECKED BY / KONTROLLOI DIMITRIS LAGKADIANOS (DL) PANOS PIKRODIMITRIS (PP) APPROVED BY / APROVOI RALPH HENDERSON (RH) REVISIONS / RISHIKIMET <table><tr><th>ISSUE / VERSION</th><th>DATE / DATE</th><th>DESCRIPTION / PERSHKRIMI</th></tr><tr><td>00</td><td>09/2021</td><td>First Draft</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	ISSUE / VERSION	DATE / DATE	DESCRIPTION / PERSHKRIMI	00	09/2021	First Draft										DATE DATA 09/2021 SCALE SHKALLA A1 - 1:1.000 A3 - 1:2.000
	ISSUE / VERSION		DATE / DATE	DESCRIPTION / PERSHKRIMI																	
	00		09/2021	First Draft																	
	SUBPROJECT CODE AND TITLE WB16-ALB-TRA-02: Detailed Design, ESIA and Tender Documents for the Construction of Tirana Bypass (Kashar - Vaqarr - Mullet)	<i>KODI DHE TITULLI I NENPROJEKTTIT</i> <i>WB16-ALB-TRA-02: Projekti i Zbatimit, VNMS dhe Dokumentet e Tenderit te Bypass-it te Tiranës (Kashar - VAQARRr - Mullet)</i>																			



Signing, Marking and Safety Layout of Motorway Sc. 1:1.000
Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës Shk. 1:1.000



km 0+400
400m



LEGEND:

- X — X — Fence (whimesh+gates)
- B — N/A — Barrier noise absorber
- (— R) — Hand Rail
- N1 — V2 — 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 (+ whimesh)
- H4B-W4 — Guardrail H4B-W4 (+ whimesh)
- H4B-W5 — Guardrail H4B-W5 (+ whimesh)
- H4B-W6 — New Jersey H4B-W6, h=0.81m (median)
- H4B-W7 — New Jersey H4B-W7, h=0.81m (bridges)
- H4B-W2 — New Jersey H4B-W2, h=1.20m (DP pier)

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	±0.6 m
W3	±1.0 m
W4	±1.3 m
W5	±1.7 m
W6	±2.1 m
W7	±2.5 m
W8	±2.8 m



 BENEFICIARY PERFITUESI Republic of Albania - Ministry of Infrastructure and Energy of Albania, Albanian Road Authority (ARA) Republika e Shqipërisë - Ministria e Infrastruktura dhe Energjisë, Autoriteti Rrugor Shqiptar (ARRSH)	PROJECT PROJEKTI Western Balkan Investment Framework (WBIF) Infrastructure Project Facility, Technical Assistance 5 (IPF5)	 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  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- 002 NR. VIZATIMIT WB16ALBTRA02-SA-SG-PL- 002	DESIGNED BY / PROJEKTOI FARUK KABA (FK) REZAR KUMBARO (RK) REZART ARKAXHIU (RA) CHECKED BY / KONTROLLOI DIMITRIS LAGKADIANOS (DL) PANOS PIKRODIMITRIS (PP) APPROVED BY / APROVOI RALPH HENDERSON (RH) REVISIONS / RISHIKIMET ISSUE / VERSION DATE / DATE DESCRIPTION / PERSHKRIMI 00 09/2021 First Draft	DATE DATA 09/2021 SCALE SHKALLA A1 - 1:1.000 A3 - 1:2.000	
	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 Tiranës (Kashar - VAQARRr - Mullet)				

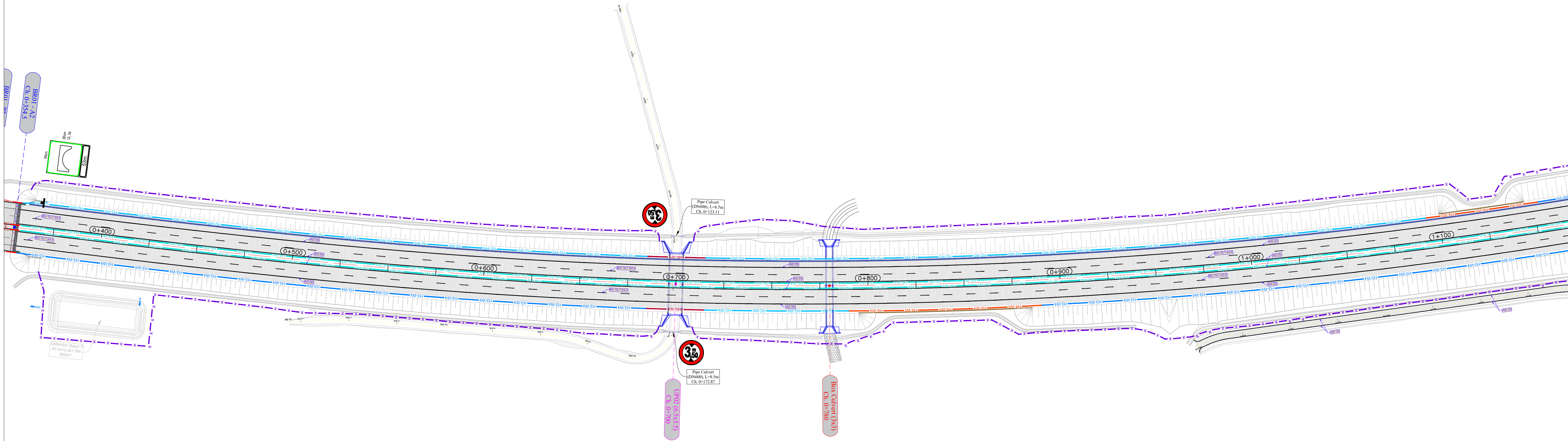
Signing, Marking and Safety Layout of Motorway Sc. 1:1.000
Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës Shk. 1:1.000

KASHAR



MULLET

km 1+150
750m

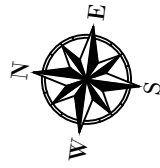


LEGEND:

X-X	Fence (wiremesh-gates)	A	Continuous
B-RA	Barrier noise absorber	E	vazhduar
C-HR	Hand Rail	B	Dashed line 7.5x4.5m V>110km/h
H1-W2	Guardrail H1-W2	C	Vijë e ndërprerë 7.5x4.5m V>110km/h
H2-W5	Guardrail H2-W5	D	Dashed line 4.5x3m V=50-110km/h
H3-W3	Guardrail H3-W3	E	Vijë e ndërprerë 4.5x3m V=50-110km/h
H4-W4	Guardrail H4-W4	F	Dashed line 3x3m divide acceleration/deceleration lanes
H5-W5	Guardrail H5-W5		Vijë e ndërprerë 3x3m kulizon korsit përshpejtim/ngadalësim
H6-W6	Guardrail H6-W6		Dashed line 1x1m at lay-by zone and intersections
H7-W7	Guardrail H7-W7		Vijë e ndërprerë 1x1m për zonat e parkimit dhe kryqëzime
H8-W8	Guardrail H8-W8		Concrete gutter
H9-W9	Guardrail H9-W9		RC retaining wall
H10-W10	Guardrail H10-W10		MSEW retaining wall at high embankment (TMS)
H11-W11	Guardrail H11-W11		MSEW retaining wall at high embankment (GTMS)
H12-W12	Guardrail H12-W12		MSEW retaining wall at river protection (TMS)
H13-W13	Guardrail H13-W13		Fill
H14-W14	Guardrail H14-W14		Cut
H15-W15	Guardrail H15-W15		
H16-W16	Guardrail H16-W16		
H17-W17	Guardrail H17-W17		
H18-W18	Guardrail H18-W18		
H19-W19	Guardrail H19-W19		
H20-W20	Guardrail H20-W20		
H21-W21	Guardrail H21-W21		
H22-W22	Guardrail H22-W22		
H23-W23	Guardrail H23-W23		
H24-W24	Guardrail H24-W24		
H25-W25	Guardrail H25-W25		
H26-W26	Guardrail H26-W26		
H27-W27	Guardrail H27-W27		
H28-W28	Guardrail H28-W28		
H29-W29	Guardrail H29-W29		
H30-W30	Guardrail H30-W30		
H31-W31	Guardrail H31-W31		
H32-W32	Guardrail H32-W32		
H33-W33	Guardrail H33-W33		
H34-W34	Guardrail H34-W34		
H35-W35	Guardrail H35-W35		
H36-W36	Guardrail H36-W36		
H37-W37	Guardrail H37-W37		
H38-W38	Guardrail H38-W38		
H39-W39	Guardrail H39-W39		
H40-W40	Guardrail H40-W40		
H41-W41	Guardrail H41-W41		
H42-W42	Guardrail H42-W42		
H43-W43	Guardrail H43-W43		
H44-W44	Guardrail H44-W44		
H45-W45	Guardrail H45-W45		
H46-W46	Guardrail H46-W46		
H47-W47	Guardrail H47-W47		
H48-W48	Guardrail H48-W48		
H49-W49	Guardrail H49-W49		
H50-W50	Guardrail H50-W50		
H51-W51	Guardrail H51-W51		
H52-W52	Guardrail H52-W52		
H53-W53	Guardrail H53-W53		
H54-W54	Guardrail H54-W54		
H55-W55	Guardrail H55-W55		
H56-W56	Guardrail H56-W56		
H57-W57	Guardrail H57-W57		
H58-W58	Guardrail H58-W58		
H59-W59	Guardrail H59-W59		
H60-W60	Guardrail H60-W60		
H61-W61	Guardrail H61-W61		
H62-W62	Guardrail H62-W62		
H63-W63	Guardrail H63-W63		
H64-W64	Guardrail H64-W64		
H65-W65	Guardrail H65-W65		
H66-W66	Guardrail H66-W66		
H67-W67	Guardrail H67-W67		
H68-W68	Guardrail H68-W68		
H69-W69	Guardrail H69-W69		
H70-W70	Guardrail H70-W70		
H71-W71	Guardrail H71-W71		
H72-W72	Guardrail H72-W72		
H73-W73	Guardrail H73-W73		
H74-W74	Guardrail H74-W74		
H75-W75	Guardrail H75-W75		
H76-W76	Guardrail H76-W76		
H77-W77	Guardrail H77-W77		
H78-W78	Guardrail H78-W78		
H79-W79	Guardrail H79-W79		
H80-W80	Guardrail H80-W80		
H81-W81	Guardrail H81-W81		
H82-W82	Guardrail H82-W82		
H83-W83	Guardrail H83-W83		
H84-W84	Guardrail H84-W84		
H85-W85	Guardrail H85-W85		
H86-W86	Guardrail H86-W86		
H87-W87	Guardrail H87-W87		
H88-W88	Guardrail H88-W88		
H89-W89	Guardrail H89-W89		
H90-W90	Guardrail H90-W90		
H91-W91	Guardrail H91-W91		
H92-W92	Guardrail H92-W92		
H93-W93	Guardrail H93-W93		
H94-W94	Guardrail H94-W94		
H95-W95	Guardrail H95-W95		
H96-W96	Guardrail H96-W96		
H97-W97	Guardrail H97-W97		
H98-W98	Guardrail H98-W98		
H99-W99	Guardrail H99-W99		
H100-W100	Guardrail H100-W100		
H101-W101	Guardrail H101-W101		
H102-W102	Guardrail H102-W102		
H103-W103	Guardrail H103-W103		
H104-W104	Guardrail H104-W104		
H105-W105	Guardrail H105-W105		
H106-W106	Guardrail H106-W106		
H107-W107	Guardrail H107-W107		
H108-W108	Guardrail H108-W108		
H109-W109	Guardrail H109-W109		
H110-W110	Guardrail H110-W110		
H111-W111	Guardrail H111-W111		
H112-W112	Guardrail H112-W112		
H113-W113	Guardrail H113-W113		
H114-W114	Guardrail H114-W114		
H115-W115	Guardrail H115-W115		
H116-W116	Guardrail H116-W116		
H117-W117	Guardrail H117-W117		
H118-W118	Guardrail H118-W118		
H119-W119	Guardrail H119-W119		
H120-W120	Guardrail H120-W120		
H121-W121	Guardrail H121-W121		
H122-W122	Guardrail H122-W122		
H123-W123	Guardrail H123-W123		
H124-W124	Guardrail H124-W124		
H125-W125	Guardrail H125-W125		
H126-W126	Guardrail H126-W126		
H127-W127	Guardrail H127-W127		
H128-W128	Guardrail H128-W128		
H129-W129	Guardrail H129-W129		
H130-W130	Guardrail H130-W130		
H131-W131	Guardrail H131-W131		
H132-W132	Guardrail H132-W132		
H133-W133	Guardrail H133-W133		
H134-W134	Guardrail H134-W134		
H135-W135	Guardrail H135-W135		
H136-W136	Guardrail H136-W136		
H137-W137	Guardrail H137-W137		
H138-W138	Guardrail H138-W138		
H139-W139	Guardrail H139-W139		
H140-W140	Guardrail H140-W140		
H141-W141	Guardrail H141-W141		
H142-W142	Guardrail H142-W142		
H143-W143	Guardrail H143-W143		
H144-W144	Guardrail H144-W144		
H145-W145	Guardrail H145-W145		
H146-W146	Guardrail H146-W146		
H147-W147	Guardrail H147-W147		
H148-W148	Guardrail H148-W148		
H149-W149	Guardrail H149-W149		
H150-W150	Guardrail H150-W150		
H151-W151	Guardrail H151-W151		
H152-W152	Guardrail H152-W152		
H153-W153	Guardrail H153-W153		
H154-W154	Guardrail H154-W154		
H155-W155	Guardrail H155-W155		
H156-W156	Guardrail H156-W156		
H157-W157	Guardrail H157-W157		
H158-W158	Guardrail H158-W158		
H159-W159	Guardrail H159-W159		
H160-W160	Guardrail H160-W160		
H161-W161	Guardrail H161-W161		
H162-W162	Guardrail H162-W162		
H163-W163	Guardrail H163-W163		
H164-W164	Guardrail H164-W164		
H165-W165	Guardrail H165-W165		
H166-W166	Guardrail H166-W166		
H167-W167	Guardrail H167-W167		
H168-W168	Guardrail H168-W168		
H169-W169	Guardrail H169-W169		
H170-W170	Guardrail H170-W170		
H171-W171	Guardrail H171-W171		
H172-W172	Guardrail H172-W172		
H173-W173	Guardrail H173-W173		
H174-W174	Guardrail H174-W174		
H175-W175	Guardrail H175-W175		
H176-W176	Guardrail H176-W176		
H177-W177	Guardrail H177-W177		
H178-W178	Guardrail H178-W178		
H179-W179	Guardrail H179-W179		
H180-W180	Guardrail H180-W180		
H181-W181	Guardrail H181-W181		
H182-W182	Guardrail H182-W182		
H183-W183	Guardrail H183-W183		
H184-W184	Guardrail H184-W184		
H185-W185	Guardrail H185-W185		
H186-W186	Guardrail H186-W186		
H187-W187	Guardrail H187-W187		
H188-W188	Guardrail H188-W188		
H189-W189	Guardrail H189-W189		
H190-W190	Guardrail H190-W190		
H191-W191	Guardrail H191-W191		
H192-W192	Guardrail H192-W192		
H193-W193	Guardrail H193-W193		
H194-W194	Guardrail H194-W194		
H195-W195	Guardrail H195-W195		
H196-W196	Guardrail H196-W196		
H197-W197	Guardrail H197-W197		
H198-W198	Guardrail H198-W198		
H199-W199	Guardrail H199-W199		
H200-W200	Guardrail H200-W200		
H201-W201	Guardrail H201-W201		
H202-W202	Guardrail H202-W202		
H203-W203	Guardrail H203-W203		
H204-W204	Guardrail H204-W204		
H205-W205	Guardrail H205-W205		
H206-W206	Guardrail H206-W206		
H207-W207	Guardrail H207-W207		
H208-W208	Guardrail H208-W208		
H209-W209	Guardrail H209-W209		
H210-W210	Guardrail H210-W210		
H211-W211	Guardrail H211-W211		
H212-W212	Guardrail H212-W212		
H213-W213	Guardrail H213-W213		
H214-W214	Guardrail H214-W214		
H215-W215	Guardrail H215-W215		
H216-W216	Guardrail H216-W216		
H217-W217	Guardrail H217-W217		
H218-W218	Guardrail H218-W218		
H219-W219	Guardrail H219-W219		
H220-W220	Guardrail H220-W220		
H221-W221	Guardrail H221-W221		
H222-W222	Guardrail H222-W222		
H223-W223	Guardrail H223-W223		
H224-W224	Guardrail H224-W224		
H225-W225	Guardrail H225-W225		
H226-W226	Guardrail H226-W226		
H227-W227	Guardrail H227-W227		
H228-W228	Guardrail H228-W228		
H229-W229	Guardrail H229-W229		
H230-W230	Guardrail H230-W230		
H231-W231	Guardrail H231-W231		
H232-W232	Guardrail H232-W232		
H233-W233	Guardrail H233-W233		
H234-W234	Guardrail H234-W234		
H235-W235	Guardrail H235-W235		
H236-W236	Guardrail H236-W236		
H237-W237	Guardrail H237-W237		
H238-W238	Guardrail H238-W238		
H239-W239	Guardrail H239-W239		
H240-W240	Guardrail H240-W240		
H241-W241	Guardrail H241-W241		
H242-W242	Guardrail H242-W242		
H243-W243	Guardrail H243-W243		
H244-W244	Guardrail H244-W244		
H245-W245	Guardrail H245-W245		
H246-W246	Guardrail H246-W246		
H247-W247	Guardrail H247-W247		
H248-W248	Guardrail H248-W248		
H249-W249	Guardrail H249-W249		
H250-W250	Guardrail H250-W250		
H251-W251	Guardrail H251-W251		
H252-W252	Guardrail H252-W252		
H253-W253	Guardrail H253-W253		
H254-W254	Guardrail H254-W254		
H255-W255	Guardrail H255-W255		
H256-W256	Guardrail H256-W256		
H257-W257	Guardrail H257-W257		
H258-W258	Guardrail H258-W258		
H259-W259	Guardrail H259-W259		
H260-W260	Guardrail H260-W260		
H261-W261	Guardrail H261-W261		
H262-W262	Guardrail H262-W262		
H263-W263	Guardrail H263-W263		
H264-W264	Guardrail H264-W264		
H265-W265	Guardrail H265-W265		
H266-W266	Guardrail H266-W266		
H267-W267	Guardrail H267-W267		
H268-W268	Guardrail H268-W268		
H269-W269	Guardrail H269-W269		
H270-W270	Guardrail H270-W270		
H271-W271	Guardrail H271-W271		
H272-W272	Guardrail H272-W272		
H273-W273	Guardrail H273-W273		
H274-W274	Guardrail H274-W274		
H275-W275	Guardrail H275-W275		
H276-W276	Guardrail H276-W276		
H277-W277	Guardrail H277-W277		
H278-W278	Guardrail H278-W278		
H279-W279	Guardrail H279-W279		
H280-W280	Guardrail H280-W280		
H281-W281	Guardrail H281-W281		
H282-W282	Guardrail H282-W282		
H283-W283	Guardrail H283-W283		
H284-W284	Guardrail H284-W284		
H285-W285	Guardrail H285-W285		
H286-W286	Guardrail H286-W286		
H287-W287	Guardrail H287-W287		
H288-W288	Guardrail H288-W288		
H289-W289	Guardrail H289-W289		
H290-W290	Guardrail H290-W290		
H291-W291	Guardrail H291-W291		
H292-W292	Guardrail H292-W292		
H293-W293	Guardrail H293-W293		
H294-W294	Guardrail H294-W294		
H295-W295	Guardrail H295-W295		
H296-W296	Guardrail H296-W296		
H297-W297	Guardrail H297-W297		
H298-W298	Guardrail H298-W298		
H299-W299	Guardrail H299-W299		
H300-W300	Guardrail H300-W300		
H301-W301	Guardrail H301-W301		
H302-W302	Guardrail H302-W302		
H303-W303	Guardrail H303-W303		
H304-W304	Guardrail H304-W304		
H305-W305	Guardrail H305-W305		
H306-W306	Guardrail H306-W306		
H307-W307	Guardrail H307-W307		
H308-W308	Guardrail H308-W308		
H309-W309	Guardrail H309-W309		
H310-W310	Guardrail H310-W310		
H311-W311	Guardrail H311-W311		
H312-W312	Guardrail H312-W312		
H313-W313	Guardrail H313-W313		
H314-W314	Guardrail H314-W314		
H315-W315	Guardrail H315-W315		
H316-W316	Guardrail H316-W316		
H317-W317	Guardrail H317-W317		
H318-W318	Guardrail H318-W318		
H319-W319	Guardrail H319-W319		

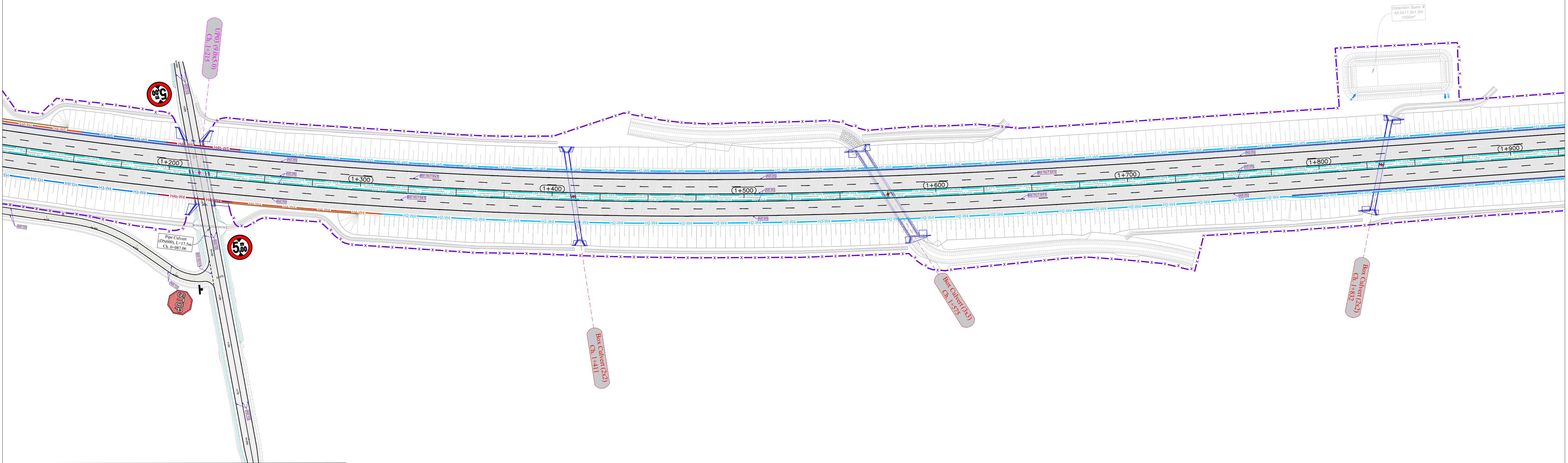
Signing, Marking and Safety Layout of Motorway Sc. 1:1.000
Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës Shk. 1:1.000

KASHAR



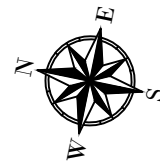
MULLET

km 1+925
775m



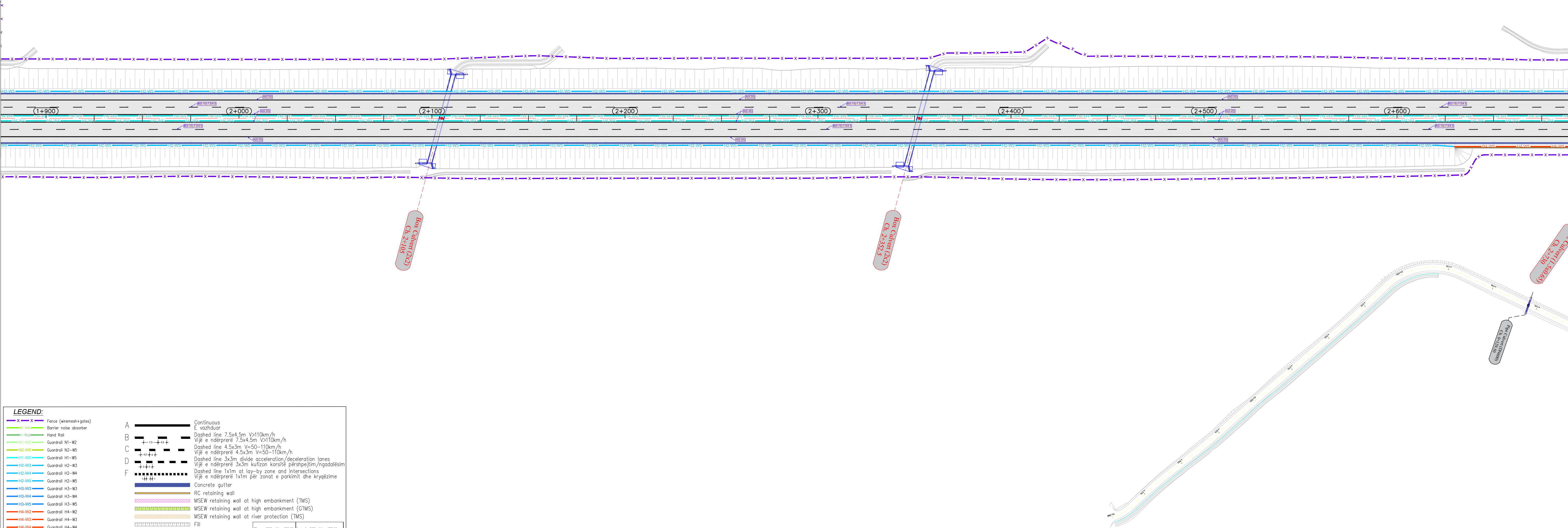
Signing, Marking and Safety Layout of Motorway Sc. 1:1.000
Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës Shk. 1:1.000

KASHAR



MULLET

km 2+700
775m

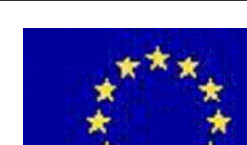


LEGEND:

- Fence (wiremesh+gates)
- Barrier noise absorber
- Hand Rail
- Guardrail H1-W2
- Guardrail H2-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)

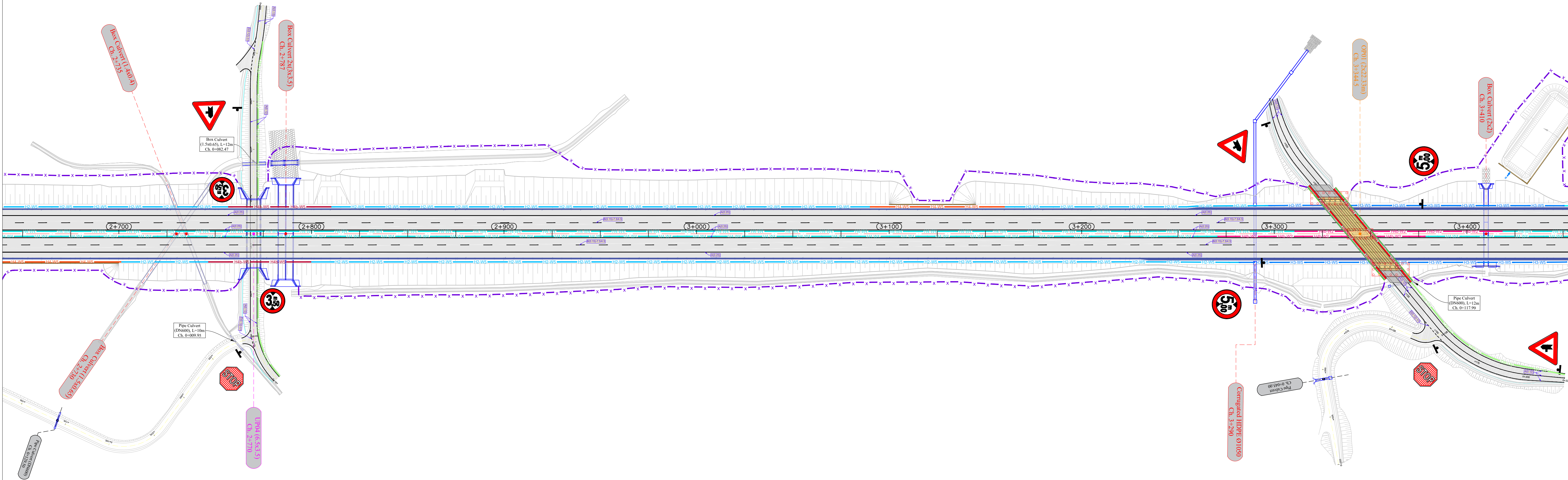
NOTE:
Coding numbers should be defined during construction and must be approved by the MIE/JARA

Class of Working Width	Level of Working Width
W1	±0.0 m
W2	±0.5 m
W3	±1.0 m
W4	±1.3 m
W5	±1.7 m
W6	±2.1 m
W7	±2.5 m
W8	±3.0 m

 BENEFICIARY PERFITUESI Republic of Albania - Ministry of Infrastructure and Energy of Albania, Albanian Road Authority (ARA) <i>Republika e Shqipërisë - Ministria e Infrastrukturaes dhe Energjise, Autoriteti Rrugor Shqiptar (ARRSH)</i>	PROJECT <i>PROJEKTI</i> Western Balkan Investment Framework (WBIF) Infrastructure Project Facility, Technical Assistance 5 (IPF5)	 Western Balkans Investment Framework WBIF BUILDING THE EUROPEAN FUTURE TOGETHER  European Investment Bank <i>The Ed. bank</i>	Project Management  • IPF 5 Takovska 45a, Belgrade 11108, Serbia Designer  Rr. Qemal Stafa, P. 132, Tirana 1017, Albania	DRAWING TITLE Road vertical sign, marking & barriers. <i>EMERTIMI I VIZATIMIT</i> <i>Shenjat rrugore vertikale, horizontale & barrierat.</i> DRAWING NO WB16ALBTRA02-SA-SG-PL- 005 <i>NR. VIZATIMIT</i> <i>WB16ALBTRA02-SA-SG-PL- 005</i>	DESIGNED BY / PROJEKTOI FARUK KABA (FK) REZAR KUMBARO (RK) REZART ARKAXHIU (RA) CHECKED BY / KONTROLLOI DIMITRIS LAGKADIANOS (DL) PANOS PIKRODIMITRIS (PP) APPROVED BY / APROVOI RALPH HENDERSON (RH) REVISIONS / RISHIKIMET ISSUE / VERSION DATE / DATE DESCRIPTION / PERSHKRIMI 00 09/2021 First Draft	DATE DATA 09/2021 SCALE SHKALLA A1 - 1:1.000 A3 - 1:2.000	
	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 <i>WB16-ALB-TRA-02: Projekti i Zbatimit, VNMS dhe Dokumentet e Tenderit te Bypass-it te Tiranës (Kashar - VAQARRr - Mullet)</i>				

Signing, Marking and Safety Layout of Motorway Sc. 1:1.000
Planimetria e Sinjalistikës, Vijëzimit dhe Sigurisë së Autostradës Shk. 1:1.000

km 3+450
750m



LEGEND:

- Fence (wiresmesh + gates)
- Barrier noise absorber
- Hand Rail
- Guardrail H1-W2
- Guardrail H2-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 (+ wiresmesh)
- Guardrail H4b-W4 (+ wiresmesh)
- Guardrail H4b-W5 (+ wiresmesh)
- 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)

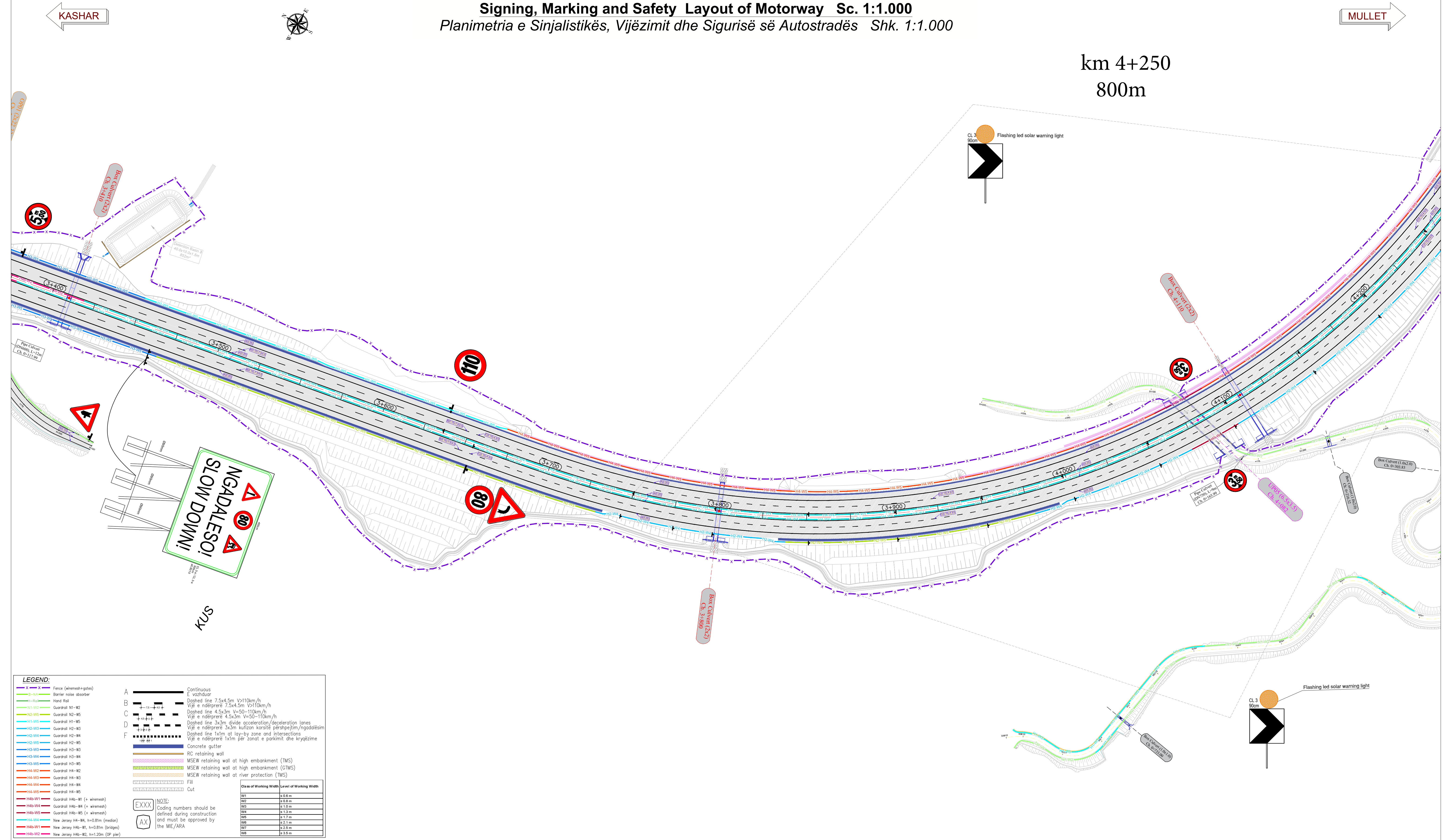
NOTE:
Coding numbers should be defined during construction and must be approved by the MIE/ARA

Class of Working Width

Class of Working Width	Level of Working Width
W1	±0.0 m
W2	±0.5 m
W3	±1.0 m
W4	±1.3 m
W5	±1.5 m
W6	±2.1 m
W7	±2.5 m
W8	±3.5 m

 BENEFICIARY PERFITUESI Republic of Albania - Ministry of Infrastructure and Energy of Albania, Albanian Road Authority (ARA) Republika e Shqipërisë - Ministria e Infrastruktura dhe Energji,se, Autoriteti Rrugor Shqiptar (ARRSH)	PROJECT PROJEKTI Western Balkan Investment Framework (WBIF) Infrastructure Project Facility, Technical Assistance 5 (IPF5)	 Western Balkans Investment Framework WBIF BUILDING THE EUROPEAN FUTURE TOGETHER European Investment Bank The Ed. bank	Project Management • IPF 5 Takovska 45a, Belgrade 11108, Serbia Designer Rr. Gëmal Stafa, P. 132, Tirana 1017, Albania	DRAWING TITLE Road vertical sign, marking & barriers. EMERTIMI I VIZATIMIT Shenjat rrugore vertikale, horizontale & barrierat.	DESIGNED BY / PROJEKTOI FARUK KABA (FK) REZAR KUMBARO (RK) REZART ARKAXHIU (RA)	CHECKED BY / KONTROLLOI DIMITRIS LAGKADIANOS (DL) PANOS PIKRODIMITRIS (PP)	APPROVED BY / APROVOI RALPH HENDERSON (RH)	DATE DATA 09/2021
	SUBPROJECT CODE AND TITLE WB16-ALB-TRA-02: Detailed Design, ESIA and Tender Documents for the Construction of Tirana Bypass (Kashar - Vaqarr - Mullet)				REVISIONS / RISHIKIMET			SCALE SHKALLA A1 - 1:1.000 A3 - 1:2.000
				DRAWING NO WB16ALBTRA02-SA-SG-PL- 006 NR. VIZATIMIT WB16ALBTRA02-SA-SG-PL- 006	ISSUE / VERSION	DATE / DATE	DESCRIPTION / PERSHKRIMI	
					00	09/2021	First Draft	

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 (wiresmesh-gates)
- Barrier noise absorber
- Hand Rail
- Guardrail H1-W2
- Guardrail H2-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 (+ wiresmesh)
- Guardrail H4b-W4 (+ wiresmesh)
- Guardrail H4b-W5 (+ wiresmesh)
- 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)

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	±0.0 m
W2	±0.5 m
W3	±1.0 m
W4	±1.3 m
W5	±1.7 m
W6	±2.1 m
W7	±2.5 m
W8	±3.0 m

 BENEFICIARY <i>PERFITUESI</i> Republic of Albania - Ministry of Infrastructure and Energy of Albania, Albanian Road Authority (ARA) <i>Republika e Shqipërisë - Ministria e Infrastruktures dhe Energjië, Autoriteti Rrugor Shqiptar (ARRSH)</i>	PROJECT <i>PROJEKTI</i> Western Balkan Investment Framework (WBIF) Infrastructure Project Facility, Technical Assistance 5 (IPF5)	 WBIF <i>Western Balkans Investment Framework</i> BUILDING THE EUROPEAN FUTURE TOGETHER 	Project Management  • IPF 5 Takovska 45a, Belgrade 11108, Serbia Designer  Rr. Qemal Stafa, P. 132, Tirana 1017, Albania	DRAWING TITLE Road vertical sign, marking & barriers. <i>EMERTIMI I VIZATIMIT</i> <i>Shenjat rrugore vertikale, horizontale & barrierat.</i> DRAWING NO WB16ALBTRA02-SA-SG-PL- 007 <i>NR. VIZATIMIT</i> <i>WB16ALBTRA02-SA-SG-PL- 007</i>	DESIGNED BY / PROJEKTOI FARUK KABA (FK) REZAR KUMBARO (RK) REZART ARKAXHIU (RA) CHECKED BY / KONTROLLOI DIMITRIS LAGKADIANOS (DL) PANOS PIKRODIMITRIS (PP) APPROVED BY / APROVOI RALPH HENDERSON (RH) REVISIONS / RISHIKIMET <table><thead><tr><th>ISSUE / VERSION</th><th>DATE / DATE</th><th>DESCRIPTION / PERSHKRIMI</th></tr></thead><tbody><tr><td>00</td><td>09/2021</td><td>First Draft</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>	ISSUE / VERSION	DATE / DATE	DESCRIPTION / PERSHKRIMI	00	09/2021	First Draft							DATE DATA 09/2021 SCALE SHKALLA A1 - 1:1.000 A3 - 1:2.000
	ISSUE / VERSION		DATE / DATE	DESCRIPTION / PERSHKRIMI														
	00		09/2021	First Draft														
	SUBPROJECT CODE AND TITLE WB16-ALB-TRA-02: Detailed Design, ESIA and Tender Documents for the Construction of Tirana Bypass (Kashar - Vaqarr - Mullet)	<i>KODI DHE TITULLI I NENPROJEKTIT</i> <i>WB16-ALB-TRA-02: Projekti i Zbatimit, VNMS dhe Dokumentet e Tenderit te Bypass-it te Tiranës (Kashar - VAQARRr - Mullet)</i>																