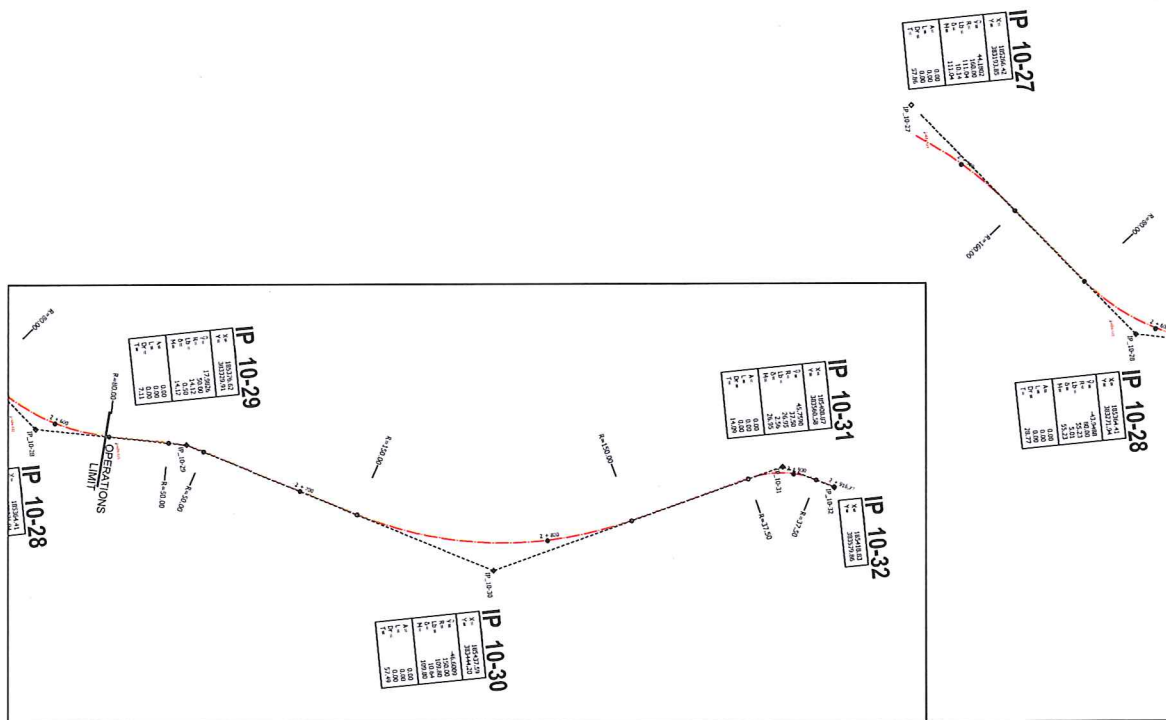




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This project is funded by the EUROPEAN UNION

Project Title: Upgrade and Improvement of the Road Section in the UN Buffer Zone of Lefka/Lefke - Apliki/Apic

Drawing Name:

SETTING OUT

Drawing No:	01
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Date:	08/2017	Scale:	1:1000
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LOCAL LEVEL 1-424-74=300

KALOPANAYIOTIS - LEFKA/ LEFKE				
	X(LTM)	Y(LTM)	Z(LEVEL)	Z(ELLEIPS)
1-424-74	185012.253	350595.982	300.000	311.136
1-424-75	184997.277	350595.367	294.698	315.841
1-424-76	185025.604	350733.755	289.640	310.776
1-424-77	185058.383	350809.431	285.850	306.965
1-424-78	185074.056	350872.492	284.050	306.175
1-424-79	185092.442	350926.175	283.458	304.615
1-424-80	185091.365	350999.739	284.699	305.764
1-424-81	185135.273	381088.412	290.318	311.431
1-424-82	185131.545	381112.981	291.120	311.166
1-424-83	185085.069	381168.024	293.909	315.010
1-424-84	185107.546	350976.163	279.609	300.747
1-424-85	185134.541	381091.175	279.628	300.814
1-424-86	185158.608	381094.726	280.039	301.145
1-424-87	185147.842	381144.154	280.317	301.460
1-424-88	185120.840	381215.587	281.785	302.930
1-424-89	185143.773	381304.255	283.481	304.856
1-424-90	185159.830	381366.133	284.803	305.907
1-424-91	185163.459	381407.916	285.702	306.830
1-424-92	185104.290	381479.634	289.997	308.134
1-424-93	185077.647	381516.085	286.970	308.097
1-424-94	185078.481	381556.612	283.397	304.521
1-424-95	185048.057	381576.339	286.395	307.534
1-424-96	185015.420	381613.174	284.716	305.879
1-424-97	185031.397	381655.972	282.353	303.425
1-424-98	185056.772	381693.374	279.833	300.950
1-424-99	185085.955	381727.364	276.692	297.815
1-424-100	185108.656	381754.604	274.357	295.447
1-424-101	185145.269	381782.673	272.287	293.386
1-424-102	185149.114	381840.720	270.745	291.805
1-424-103	185166.824	381883.452	270.075	291.166
1-424-104	185197.858	381908.135	270.174	291.250
1-424-105	185186.883	381979.520	268.785	289.333
1-424-106	185199.420	382014.039	267.744	288.849
1-424-107	185208.094	382091.156	261.558	282.657
1-424-108	185185.624	382169.899	256.117	277.212
1-424-109	185118.342	382210.685	251.100	272.193
1-424-110	185183.084	382265.836	245.275	266.378
1-424-111	185151.137	382315.351	241.174	262.210
1-424-112	185188.600	382441.234	235.173	256.259
1-424-113	185215.811	382493.699	233.628	254.767
1-424-114	185171.070	382564.270	227.817	248.893
1-424-115	185169.632	382622.756	222.681	243.769
1-424-116	185198.034	382680.006	218.601	239.655
1-424-117	185222.369	382769.575	214.916	235.997
1-424-118	185278.497	382826.278	213.657	233.742
RTCM-Ref 0005	147762.147	378211.525		88.768
RTCM-Ref 0006	190871.417	378678.655		473.820

SUPPLEMENTARY				
	X(LTM)	Y(LTM)	Z(LEVEL)	Z(ELLEIPS)
1-424-74A	184992.22	350598.89	304.66	
1-424-84A	185119.14	381027.44	279.59	
1-424-86A	185150.47	381071.46	279.80 / 279.86	
1-424-86B	185166.41	381133.62	279.55	
1-424-87A	185133.43	381176.26	280.88	

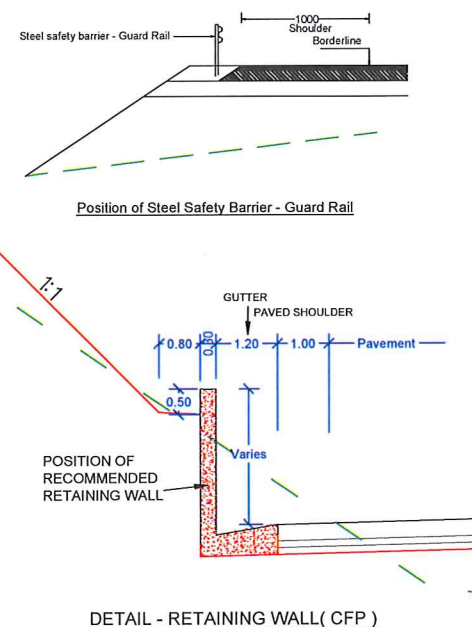
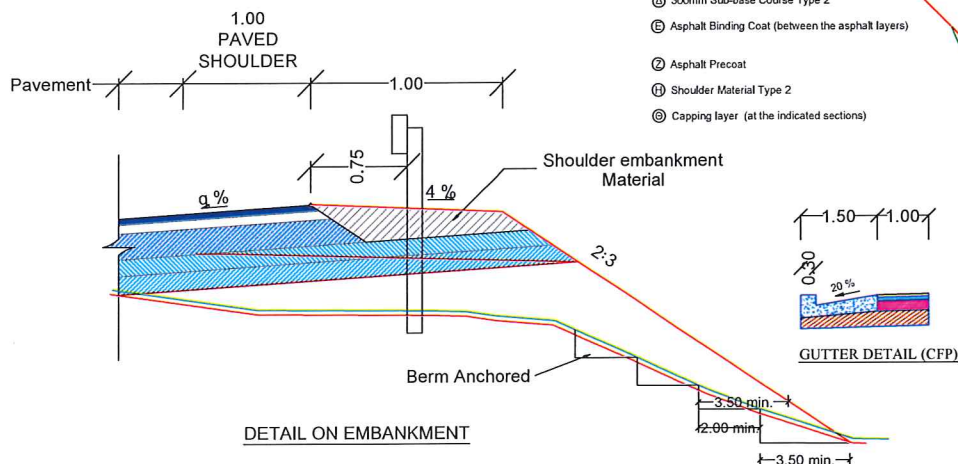
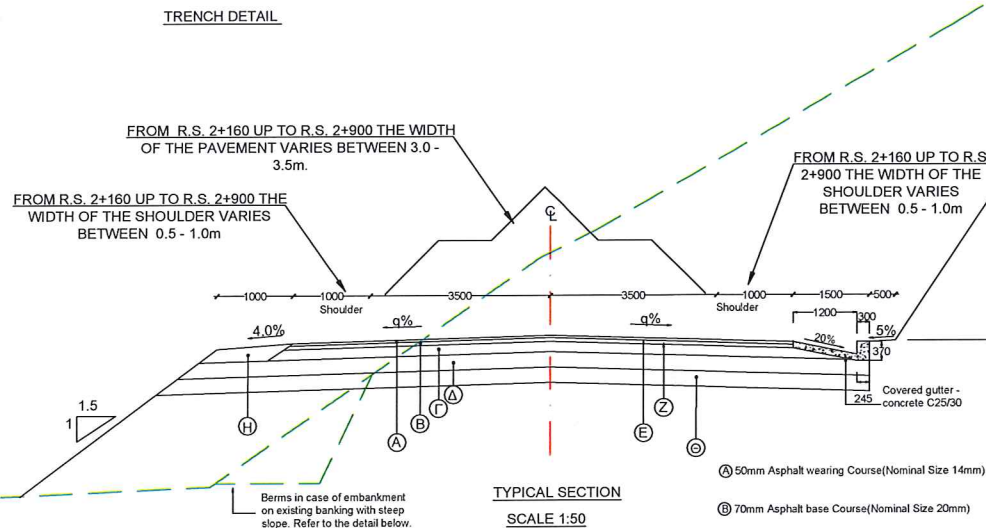
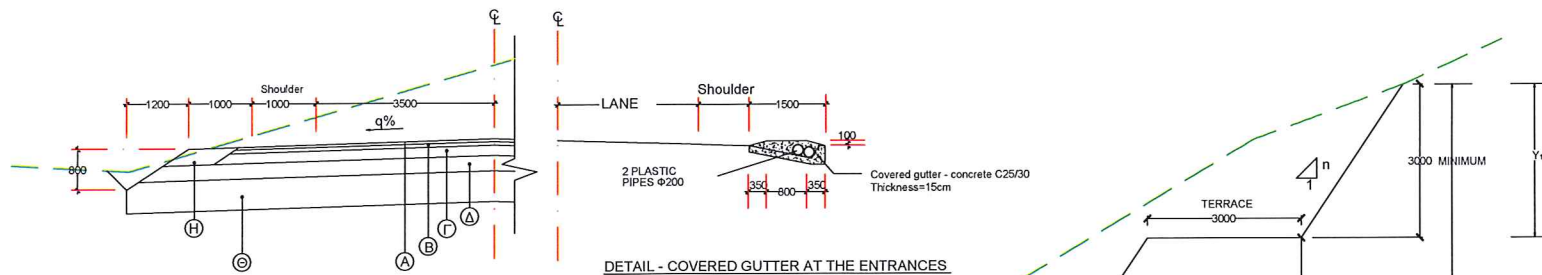
BUFFER ZONE				
	X(LTM)	Y(LTM)	Z(LEVEL)	Z(ELLEIPS)
1-424-117CH	185222.399	382769.550	214.916	
1-424-118	185278.490	382826.278	213.657	
1-424-118-2	185372.940	382975.715	229.349	
1-424-119	185229.268	382998.839	210.295	
1-424-120	185281.553	383160.612	205.830	
1-424-121	185277.815	383197.894	205.713	
1-424-122	185358.411	383382.572	205.263	
1-424-123	185373.169	383302.576	204.847	

SUPPLEMENTARY - QUARRY				
	X(LTM)	Y(LTM)	Z(LEVEL)	Z(ELLEIPS)
1-424-113	185215.811	382493.699	233.628	
1-424-114	185171.070	382564.270	227.817	
1-424-114A	185183.912	382515.107	236.198	
1-424-114B	185178.202	382455.550	243.054	
1-424-114C	185195.789	382389.863	250.069	
1-424-114D	185128.114	382337.528	267.497	
1-424-114E	185117.695	382279.422	267.197	
1-424-114F	185107.514	382244.911	271.301	

NOTES:

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5. All the above works will be performed according to the instructions and the Engineer's approval.

		UNITED NATIONS DEVELOPMENT PROGRAMME PROGRAMME MANAGEMENT OFFICE			
This project is funded by the EUROPEAN UNION.					
Project Title: Upgrade and Improvement of the Road Section in the UN Buffer Zone of Lefka/Lefke - Apliki/Aplis					
Drawing Name: CONTROL POINTS/BENCHMARKS AND EXISTING SURVEYS			Drawing No: 02		
Date:	08/2017	Scale:	1:2500		

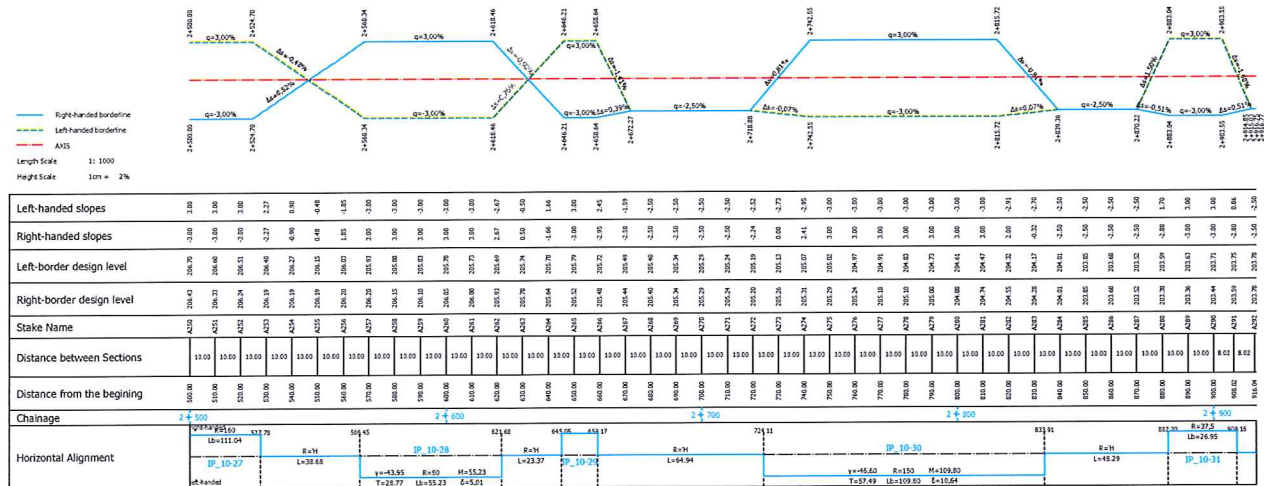
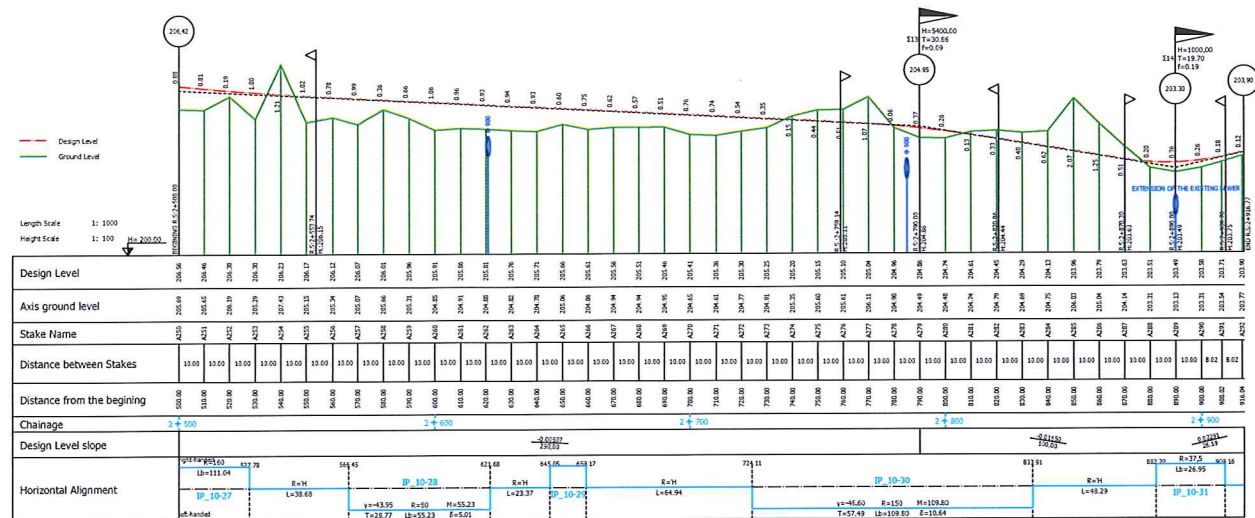


NOTES:

- Do not measure from the draft.
 - Units of the metric system were used on this draft. All dimensions are in millimeters unless otherwise indicated.
 - The CBR of the subsoil at the bearing level must be higher or equal to 11%.
 - Design Speed 40km/h.
 - The Contractor must prepare the design level of the borderlines at the curves in relation with the design profile level of the center line of the road and submit it to the Engineer for approval.
 - The slopes of the banking excavations and the heights of the terraces were generally used as follows:
- | Position in Kilometers | Slope (1:n) | Y ₁ | Y ₂ |
|------------------------|-------------|----------------|----------------|
| 0+000 - 2+916 | 1:1 | 8 | 12 |
- Construction Details:**
Covered Gutters (CFP) are expected to be constructed at the following sections:
- | FROM | TO |
|-------|-------------|
| 0+000 | 0+070 Left |
| 0+140 | 0+350 Left |
| 0+370 | 0+940 Left |
| 1+020 | 2+360 Left |
| 2+470 | 2+830 Left |
| 2+880 | 2+916 Left |
| 0+810 | 0+940 Right |
| 1+740 | 1+790 Right |
| 1+940 | 2+180 Right |
- When the height of the banking excavation without a terrace, exceeds the Y₁ height, a terrace of Y₂ height must be constructed. When the Y₁ height of the banking excavation above the previous terrace exceeds Y₂, additional terraces must be constructed.
 - The wearing and base course asphalt must be of category 30/50.
 - From R.S. 2+160 up to approximately R.S. 2+900, the width of the pavement varies between 3.0 - 3.5m and the width of the shoulder varies between 0.5 - 1.0m (Refer to Environmental Authorities specifications)
 - The location and the gaps of the Safety Barrier from R.S. 1+250 up to R.S. 1+450 and R.S. 1+770 up to R.S. 1+900 will be determined in situ by the Engineer. (Refer to Environmental Authorities specifications)
 - The contractor has the responsibility for the design and construction of the recommended walls after the Engineer's approval.

UNITED NATIONS DEVELOPMENT PROGRAMME PROGRAMME MANAGEMENT OFFICE			
Project Title: Upgrade and Improvement of the Road Section in the UN Buffer Zone of Lefka/Lefke - Apliki/Aplik			
Drawing Name: TYPICAL CONSTRUCTION DETAILS		Drawing No: 03	
Date:	08/2017	Scale:	1:1000

	UNITED NATIONS DEVELOPMENT PROGRAMME PROGRAMME MANAGEMENT OFFICE	
Prepared For: (Name of Institution)	This project is financed by the EUROPEAN UNION	
Project Title:		
Upgrade and Improvement of the Road Section in the UN Buffer Zone of Lefkar/Lefko - Apliki/Aplis		
Drawing No:	MAIN ROAD PLAN R.S. 2+000 - R.S. 2+016,77	Drawing No: 04
Date:	08/2017	Scale: 1:1000



- NOTES:**
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 - This plan is to be used in conjunction with all the other drawings
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UNITED NATIONS DEVELOPMENT PROGRAMME
PROGRAMME MANAGEMENT OFFICE

This project is funded by the EUROPEAN UNION

Project Title:
Upgrade and Improvement of the Road
Section in the UN Buffer Zone
of Lefka/Lefke - Apliki/Aplik

Drawing Name:
MAIN ROAD PROFILE AND SLOPES
R.S. A 2+500 - R.S. A 2+914.87

Drawing No:
05

Date: 08/2017 Scale: 1:1000

NOTES:

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4. This plan is to be used in conjunction with all the other drawings.
5. All the above works will be performed according to the instructions and the Engineer's approval.
6. Along the left side of the road, delineators are placed every 18m, 5cm from the outer side of the borderline. Reflective studs must be placed on the safety barrier along the right side of the road.



UNITED NATIONS DEVELOPMENT PROGRAMME
PROGRAMME MANAGEMENT OFFICE



This project is funded by the EUROPEAN UNION

Project Title:
Upgrade and Improvement of the Road
Section in the UN Buffer Zone
of Lefka/Lefke - Apliki/Aplık

Drawing Name:

HORIZONTAL AND VERTICAL
SIGNAGE

Drawing No:

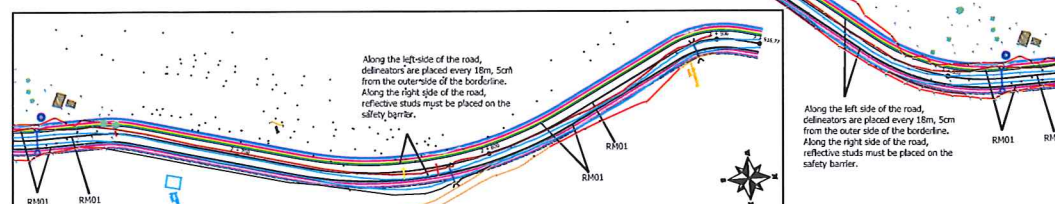
06

Date:

08/2017

Scale:

1:1000



CONSTRUCTION NOTES - STORM WATER PIPE

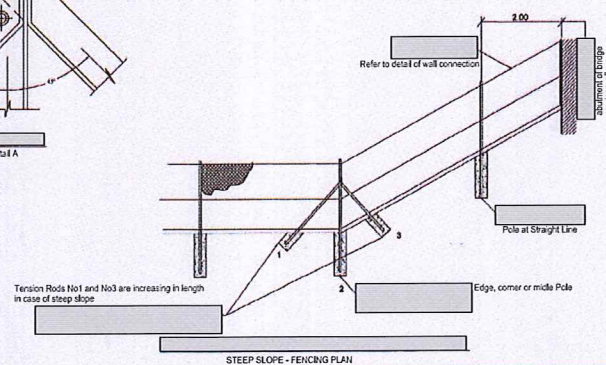
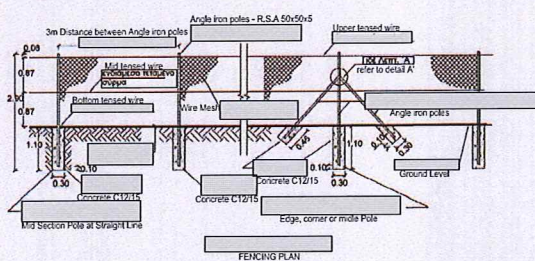
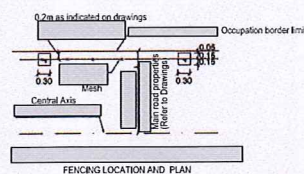
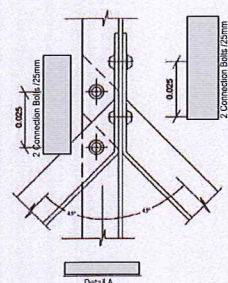
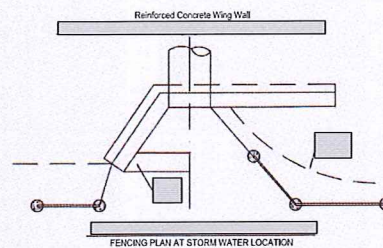
R.S.	ANGULAR DEVIATION	PIPE DIAMETER (mm)	NUMBER OF OPENINGS	STORM WATER PIPE LENGTH (M)		TYPE OF WING WALL		INVERT LEVEL		COMMENTS
				LEFT	RIGHT	IN	OUT	IN (L)	OUT (R)	
2+480	90°	900	1	6.0	8.0	I	I	204.80	204.60	THE DESIGN LEVELS AND THE PIPE'S DIAMETER WILL BE REVISED AFTER THE WALLS DESIGN
2+621	90°	900	1	6.0	8.0	I	I	203.85	203.65	»
2+785	90°	900	1	6.0	13.0	I	I	202.95	202.75	»
2+890	-	extension of existing	-	6.5 (approx)	-	-	-	-	-	EXTENSION OF EXISTING STORM WATER PIPE. ALL THE DESIGN LEVELS WILL BE DETERMINED IN SITU.

NOTES:

1. All pipes are made of concrete according to the specifications.
2. The pipes must be placed in a straight line.
3. Any other necessary construction details will be determined on site by the Engineer.

L = LEFT
R = RIGHT

 UNITED NATIONS DEVELOPMENT PROGRAMME PROGRAMME MANAGEMENT OFFICE			
Engagements flexibles Recyclables notations		This project is funded by the EUROPEAN UNION	
Project Title: Upgrade and Improvement of the Road Section in the UN Buffer Zone of Lefka/Lefke - Apliki/Aplic			
Drawing Name: STORM WATER PIPE CONSTRUCTION NOTES		Drawing No: 07	
Date:	08/2017	Scale:	N/A



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6. All the material's and the method of statement are according to Part 1200 of PWD specifications (Annex C).

Project Title: Upgrade and Improvement of the Road
Section in the UN Buffer Zone
of Lefka/Lefke - Apliki/Aplic

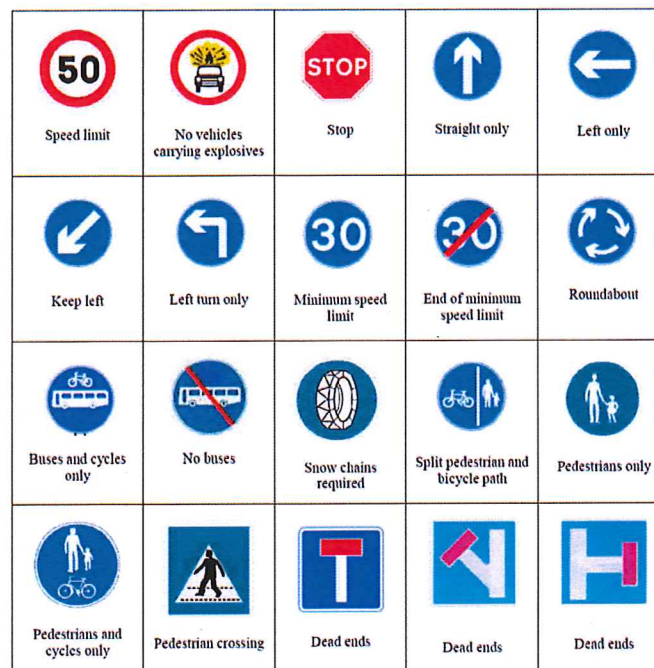
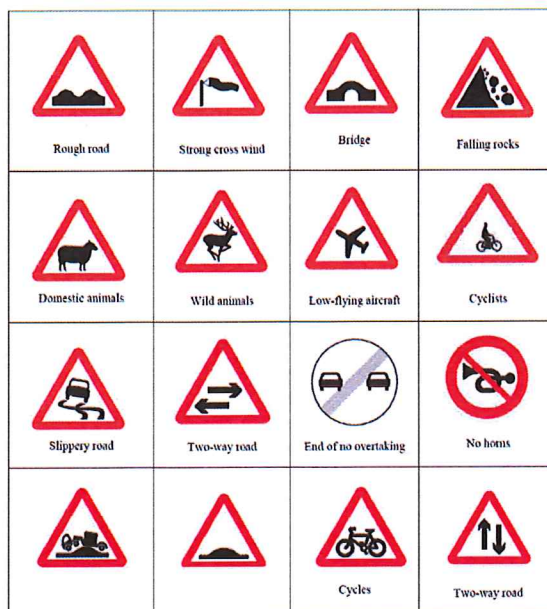
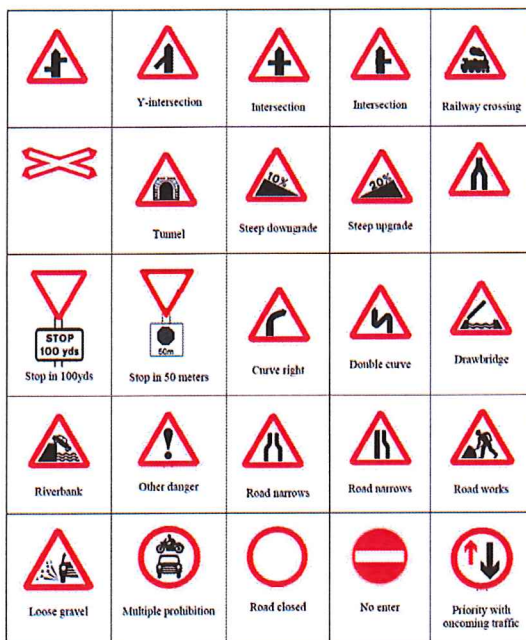
Drawing Name:

FENCING DETAILS

Drawing No:	08
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Date:	08/2017
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Scale:	N/A
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NOTES:

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UNITED NATIONS DEVELOPMENT PROGRAMME
PROGRAMME MANAGEMENT OFFICE



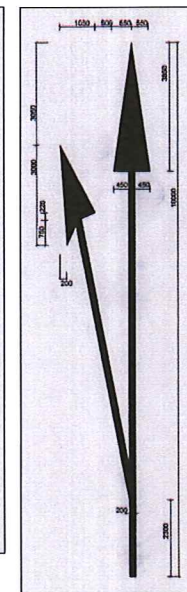
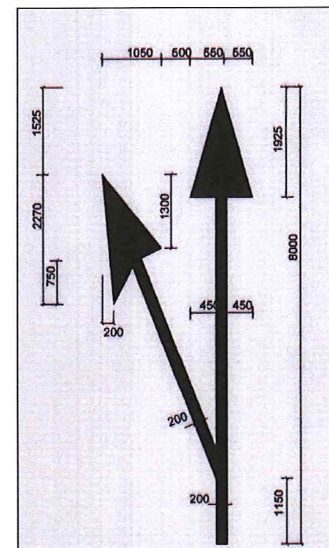
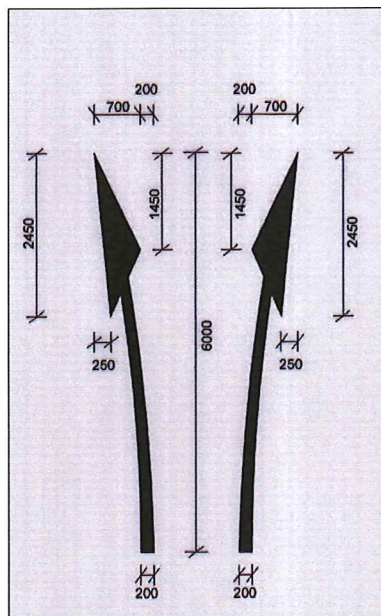
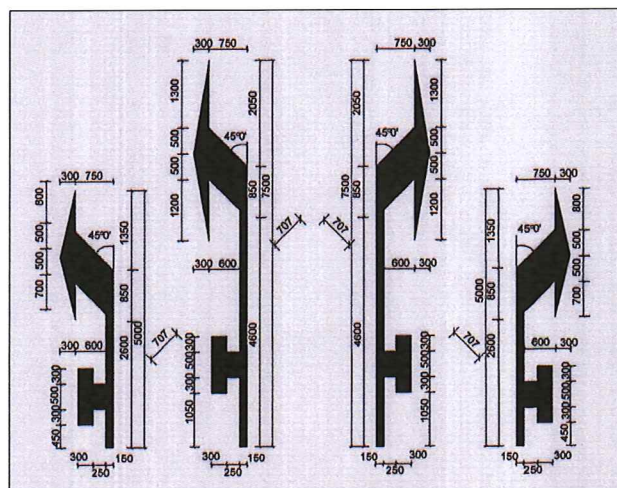
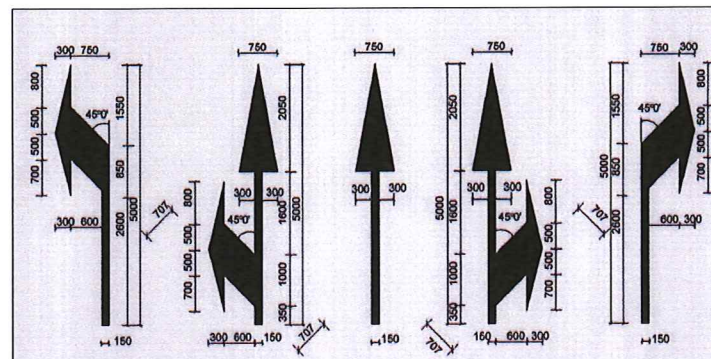
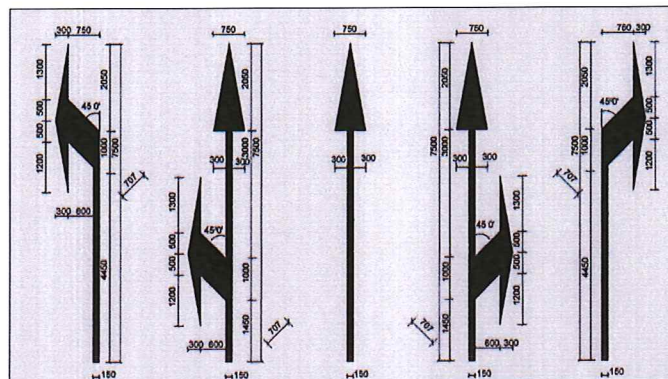
This project is funded by the EUROPEAN UNION

Project Title:
Upgrade and Improvement of the Road
Section in the UN Buffer Zone
of Lefka/Lefke - Apliki/Aplic

Drawing Name:
ROAD TRAFFIC SIGNS

Drawing No:
09

Date: 08/2017 Scale: N/A



NOTES:

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UNITED NATIONS DEVELOPMENT PROGRAMME
PROGRAMME MANAGEMENT OFFICE

Employment Data
Reported annually

Programme funded by the ECU/OPED/UNDP



Project Title:
Upgrade and Improvement of the Road
Section in the UN Buffer Zone
of Lefka/Lefke - Apliki/Aplik

Drawing Name:
ROAD MARKING
(ARROWS)

Drawing No:
10

Date: 08/2017 Scale: N/A

NOTES:

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5. All the above works will be performed according to the instructions and the Engineer's approval.

 UNITED NATIONS DEVELOPMENT PROGRAMME PROGRAMME MANAGEMENT OFFICE			
Proposed final Recipient retains		This project is funded by the EUROPEAN UNION	
Project Title: Upgrade and Improvement of the Road Section in the UN Buffer Zone of Lefka/Lefke - Apliki/Aplic			
Drawing Name: LINE MARKING		Drawing No: 11	
Date:	08/2017	Scale:	N/A

