

Specificaitons  
on  
GIS Data Layers

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**TIC COVERAGE SCHEMA**

COVERAGE NAME	FEATURE CLASS	COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC	ALTERNATE NAME	INDEXED
TIC_COV	TIC	1	IDTIC	4	5	B	-	-	
		5	XTIC	8	18	F	5	-	
		13	YTIC	8	18	F	5	-	

**TRANSPORTATION COVERAGE SCHEMA**

COVERAGE NAME	FEATURE CLASS	COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC	ALTERNATE NAME	INDEXED
ROAD	LINE	1	FNODE#	4	5	B	-		-
		5	TNODE#	4	5	B	-		-
		9	LPOLY#	4	5	B	-		-
		13	RPOLY#	4	5	B	-		-
		17	LENGTH	8	18	F	5		-
		25	ROAD#	4	5	B	-		-
		29	ROAD-ID	4	5	B	-		-
		33	CODE	4	5	B	-		-
		37	NOTE	32	32	C	-		-
RAIL	LINE	1	FNODE#	4	5	B	-		-
		5	TNODE#	4	5	B	-		-
		9	LPOLY#	4	5	B	-		-
		13	RPOLY#	4	5	B	-		-
		17	LENGTH	8	18	F	5		-
		25	RAIL#	4	5	B	-		-
		29	RAIL-ID	4	5	B	-		-
		33	CODE	4	5	B	-		-
		37	NOTE	32	32	C	-		-
TRNS_LIN	LINE	1	FNODE#	4	5	B	-		-
		5	TNODE#	4	5	B	-		-
		9	LPOLY#	4	5	B	-		-
		13	RPOLY#	4	5	B	-		-
		17	LENGTH	8	18	F	5		-
		25	TRNS_LIN#	4	5	B	-		-
		29	TRNS_LIN-ID	4	5	B	-		-
		33	CODE	4	5	B	-		-
		37	NOTE	32	32	C	-		-
TRNS_POL	POLYGON	1	AREA	8	18	F	5		-
		9	PERIMETER	8	18	F	5		-
		17	TRNS_POL#	4	5	B	-		-
		21	TRNS_POL-ID	4	5	B	-		-
		25	CODE	4	5	B	-		-
		29	NOTE	32	32	C	-		-

**BUILDING COVERAGE SCHEMA**

COVERAGE NAME	FEATURE CLASS	COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC	ALTERNATE NAME	INDEXED
BLDG_PNT	POINT	1	AREA	8	18	F	5		-
		9	PERIMETER	8	18	F	5		-
		17	BLDG_PNT#	4	5	B	-		-
		21	BLDG_PNT-ID	4	5	B	-		-
		25	CODE	4	5	B	-		-
		29	NOTE	32	32	C	-		-
BLDG_POL	POLYGON	1	AREA	8	18	F	5		-
		9	PERIMETER	8	18	F	5		-
		17	BLDG_PNT#	4	5	B	-		-
		21	BLDG_PNT-ID	4	5	B	-		-
		25	CODE	4	5	B	-		-
		29	NOTE	32	32	C	-		-

**OBJECT COVERAGE SCHEMA**

COVERAGE NAME	FEATURE CLASS	COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC	ALTERNATE NAME	INDEXED
OBJ_PNT	POINT	1	AREA	8	18	F	5		-
		9	PERIMETER	8	18	F	5		-
		17	OBJ_PNT#	4	5	B	-		-
		21	OBJ_PNT-ID	4	5	B	-		-
		25	CODE	4	5	B	-		-
		29	NOTE	32	32	C	-		-
OBJ_LIN	LINE	1	FNODE#	4	5	B	-		-
		5	TNODE#	4	5	B	-		-
		9	LPOLY#	4	5	B	-		-
		13	RPOLY#	4	5	B	-		-
		17	LENGTH	8	18	F	5		-
		25	OBJ_LIN#	4	5	B	-		-
		29	OBJ_LIN-ID	4	5	B	-		-
		33	CODE	4	5	B	-		-
SITE_PNT	POINT	1	AREA	8	18	F	5		-
		9	PERIMETER	8	18	F	5		-
		17	SITE_PNT#	4	5	B	-		-
		21	SITE_PNT-ID	4	5	B	-		-
		25	CODE	4	5	B	-		-
		29	NOTE	32	32	C	-		-
SITE_POL	POLYGON	1	AREA	8	18	F	5		-
		9	PERIMETER	8	18	F	5		-
		17	SITE_POL#	4	5	B	-		-
		21	SITE_POL-ID	4	5	B	-		-
		25	CODE	4	5	B	-		-
		29	NOTE	32	32	C	-		-

**HYDROGRAPHY COVERAGE SCHEMA**

COVERAGE NAME	FEATURE CLASS	COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC	ALTERNATE NAME	INDEXED
HYDR_PNT	POINT	1	AREA	8	18	F	5		-
		9	PERIMETER	8	18	F	5		-
		17	HYDR_PNT#	4	5	B	-		-
		21	HYDR_PNT-ID	4	5	B	-		-
		25	CODE	4	5	B	-		-
		29	NOTE	32	32	C	-		-
HYDR_LIN	LINE	1	FNODE#	4	5	B	-		-
		5	TNODE#	4	5	B	-		-
		9	LPOLY#	4	5	B	-		-
		13	RPOLY#	4	5	B	-		-
		17	LENGTH	8	18	F	5		-
		25	HYDR_LIN#	4	5	B	-		-
		29	HYDR_LIN-ID	4	5	B	-		-
		33	CODE	4	5	B	-		-
		37	NOTE	32	32	C	-		-
HYDR_POL	POLYGON	1	AREA	8	18	F	5		-
		9	PERIMETER	8	18	F	5		-
		17	HYDR_POL#	4	5	B	-		-
		21	HYDR_POL-ID	4	5	B	-		-
		25	CODE	4	5	B	-		-
		29	NOTE	32	32	C	-		-

**VEGETATION COVERAGE SCHEMA**

COVERAGE NAME	FEATURE CLASS	COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC	ALTERNATE NAME	INDEXED
VGT	POLYGON	1	AREA	8	18	F	5		-
		9	PERIMETER	8	18	F	5		-
		17	VGT#	4	5	B	-		-
		21	VGT-ID	4	5	B	-		-
		25	CODE	4	5	B	-		-
		29	NOTE	32	32	C	-		-

**CONTOUR & CONTROL POINT COVERAGE SCHEMA**















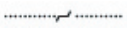


COVERAGE NAME	FEATURE CLASS	COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC	ALTERNATE NAME	INDEXED
CONTOUR	LINE	1	FNODE#	4	5	B	-	-	
		5	TNODE#	4	5	B	-	-	
		9	LPOLY#	4	5	B	-	-	
		13	RPOLY#	4	5	B	-	-	
		17	LENGTH	8	18	F	5	-	
		25	CONTOUR#	4	5	B	-	-	
		29	CONTOUR-ID	4	5	B	-	-	
		33	CODE	4	5	B	-	-	
		37	ELEVATION	4	8	F	2	-	
		41	D_FLAG	4	5	B	-	-	
CONTROL	POINT	1	AREA	8	18	F	5		-
		9	PERIMETER	8	18	F	5		-
		17	CONTROL#	4	5	B	-		-
		21	CONTROL-ID	4	5	B	-		-
		25	CODE	4	5	B	-		-
		29	ELEVATION	4	8	F	2		-
		33	NOTE	32	32	C	-		-

Layer Specifications of National Basic Data for GIS


















No.	Coverage Name	Type	Code	Note	Description	Map Symbol
2	ROAD	LINE	2110		Highway	81
			2120		Main paved road	82
			2130		Simple paved road	83
			2140		Road under construction	84
			2150		Disused road	85
			2160		Wagon road	91
			2170		Bad condition wagon road	92
			2180		Horse path	93
			2190		Foot path	94
			2195	17.5, 10 - 17.5, 10		Street
3	RAIL	LINE	2310		Double track railroad	71
			2320		Single track railroad, Narrow gauge, Ropeway	72
						74
						75
						78
						73
			76			
			2330		Railroad under construction	73
2340		Disused railroad	77			
2350		Tram	79			
4	TRNS_LIN	LINE	2510		Tunnel	111
			2520		Gallery	112
5	TRNS_POL	POLY	2710		Railroad station	123
						124
			2720		Airport	52

No.	Coverage Name	Type	Code	Note	Description	Map Symbol
6	BLDG_PNT	POINT	3510		Church, Chapel or Monastery	1  4  6  253  301  300
			3520		Mosque etc.	2  5  254
			3530		Synagogue	3  255
			3540		Building	8
				WS	Weather station	51  256
			3550		School	11  sk.
			3560		Hospital	12  bl.
			3570		Factory	30  fbr. (36)  cg. 38
			3580		Hydroelectric power station	32
			3585		Thermoelectric power station	37b  309
			3590		Silo	27b
			7	BLDG_POL	POLY	3710
C	Church, Chapel or Monastery	Only new mapping areas				
M	Mosque etc.	Only new mapping areas				
S	Synagogue	Only new mapping areas				
3720		School				(11)  sk.
3730		Hospital				(12)  bl.
3740		Factory				36  cg. 38  352
3750		Thermoelectric power station				37a  308
3760		Silo				27a  sil.
























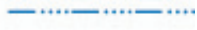


# Specifications on GIS Data Layers











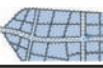
No.	Coverage Name	Type	Code	Note	Description	Map Symbol	
8	OBJ_PNT	POINT	4110		Oil (gas) well	47  or 	
			4120	N, Bz, Pl	Tank (petroleum, gasoline, gas)	49  Bz	
			4130		Gas station	34 	
			4140		Radio wave tower	50 	
9	OBJ_LIN	LINE	4310		Electric power transmission line	33 	
			4320		Gas pipe line	35 	
			4330		Conveyer belt	41 	
			4340		Petroleum pipeline	48 	
			4350		Bridge	101	
						102	
						106	
						353	
			354		109		
			355		169		

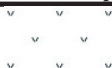






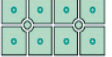



No.	Coverage Name	Type	Code	Note	Description	Map Symbol
10	SITE_PNT	POINT	4510		Tomb or Cemetery (Christian)	21a + 22b 
			4520		Tomb or Cemetery (Moslem)	21b Y 23b 
			4530		Tomb or Cemetery (Jewish)	21c T 24b 
			4540		Cemetery (Partisan)	25b 
			4550	L	Lime pit	40 
				K, S, M, P, I	Quarry	44 
			4560	U, G, B	Mine	45 
11	SITE_POL	POLY	4710		Cemetery (Christian)	22a 
			4720		Cemetery (Moslem)	23a 
			4730		Cemetery (Jewish)	24a 
			4740		Cemetery (Partisan)	25a 
			4750		Stadium	14  or 
			4760		Fort or Ruin	17   18  












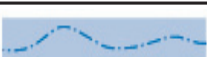

# Specifications on GIS Data Layers













No.	Coverage Name	Type	Code	Note	Description	Map Symbol
12	HYDR_PNT	POINT	5510		Spring	131  132 
			5520		Watering place or Well (water)	161  162 
						320  321 
			5530		Cistern	163 
						166(■) 
						170 
			5540		Water tower	164 
5550		Pump	165 			
13	HYDR_LIN	LINE	5110		Centerline of wide river	133  134 
			5120		Single line river	135 
			5130		Centerline of wide canal	136 
			5140		Single line canal	137  148 
			5150		Centerline of wide seasonal river and canal	141 
			5160		Single line seasonal river and canal	142 
			5170		Irrigation canal (ground surface)	148 
					Irrigation canal (underground)	149 
			5180		Water pipe (ground surface)	166(line) 
						168 
					Water pipe (underground)	167 
			5190		Dam	171  172 

No.	Coverage Name	Type	Code	Note	Description	Map Symbol	
14	HYDR_POL	POLY	5310		Wide river	133  134 	
			5320		Wide canal	136 	
			5330		Wide seasonal river and canal	141 	
			5340		Lake or Pond	151 	
			5350		Marsh (with/without reed)	152 	153 
						154 	
			5360		Peat bog	155 	
			5370		Fish pond	156 	
			5380		Salt pan	158 	
			5390		Sea	No number	

No.	Coverage Name	Type	Code	Note	Description	Map Symbol	
15	VGT	POLY	6310		Pasture	201 	
			6320		Hopyard	203 	
			6330		Vineyard	204 	
			6340		Orchard	207 	
			6350		Forest	209 	211 
						213 	
			6370		Afforested area	208 	212 

## Specifications on GIS Data Layers

No.	Name	Type	Code	Elevation	D flag	Description	Map Symbol		
16	CONTOUR	LINE	7110	Elevation value	0	Index contour line	221  225 		
			7120	Elevation value	0	Intermediate contour line	222  226 		
			7130	Elevation value	0	Supplementary contour line	223  227 		
			7140	Elevation value	0	Auxiliary contour line	224  228 		
			7150	0	0	Shoreline (except rivers and lakes)	261 		
			7160	-2	0	Isobath (depth contour line)	262 		
							-5	0	263 
							-10	0	264 
							-20	0	265 

No.	Name	Type	Code	Elevation	Note	Description	Map Symbol
17	CONTROL	POINT	7310	Elevation value		Bench mark	251 
			7320	Elevation value		Triangulation point	252  253  254 
							255  256    
							336 
							257  250
7330	Elevation value		Spot elevation point	257  250			

Specifications



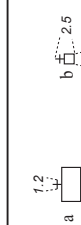
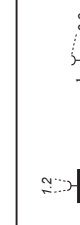
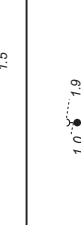

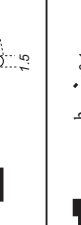
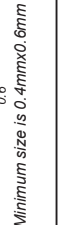

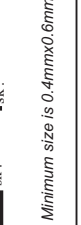
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Digital Map Symbols

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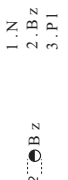

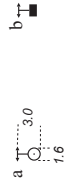











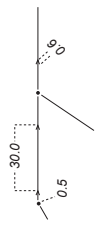


Item	No.	Feature Name	Layer No.	Dxf data type	Over print	USLOVNI ZNAK(Symbol)	Description
A) ZGRADA Building	1	Christian church	a)3710 b)3510	a)polygon b)point	On. stroke, fill	 <i>Line weight 0.15</i>	a)actual size (30m x 30m or more) b)minimum size (less than above size)
	2	Christian chapel	3512	a)polygon b)point	On. stroke, fill	 <i>line weight 0.15</i>	
	3	Christian monastery	a)3712 b)3514	a)polygon b)point	On. stroke	 <i>line weight 0.15</i>	a)actual size (30m x 30m or more) b)minimum size (less than above size)
	4	Islamic temple or mosque	a)3714 b)3516	a)polygon b)point	On. stroke, fill	 <i>line weight 0.15</i>	a)actual size (30m x 30m or more) b)minimum size (less than above size)
	5	Islamic grave temple	3518	point	On. stroke, fill	 <i>line weight 0.15</i>	
	6	Judaic temple or synagogue	a)3716 b)3520	a)polygon b)point	On. stroke, fill	 <i>line weight 0.15</i>	a)actual size (30m x 30m or more) b)minimum size (less than above size)
	7	Individual building	a)3718 b)3522	a)polygon b)point	On. fill	 <i>Minimum size is 0.4mmx0.6mm</i>	a)actual size (10m x 15m or more) b)minimum size (less than above size) <i>orientate as on the ground</i> After data conversion dxf to ai, the 3719 layer objects should be merged into 3718 layer, due to making the compound path.
	8	Built-up area (generalized representation)	3720	polygon	On. fill		After data conversion dxf to ai, the 3721 layer objects should be merged into 3720 layer, due to making the compound path.
	9	School	a)3722 b)3524	a)polygon b)point	On. fill, text	 <i>Minimum size is 0.4mmx0.6mm</i>	a)actual size (10m x 15m or more) b)minimum size (less than above size) <i>orientate as on the ground</i> <i>Used font is Times Roman its point 6pt.</i>
	10	Hospital	a)3724 b)3526	a)polygon b)point	On. fill, text	 <i>Minimum size is 0.4mmx0.6mm</i>	a)actual size (10m x 15m or more) b)minimum size (less than above size) <i>orientate as on the ground</i> <i>Used font is Times Roman its point 6pt.</i>

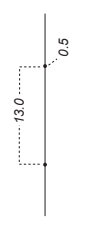
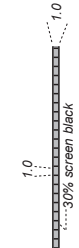
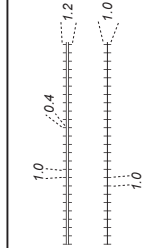

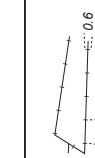
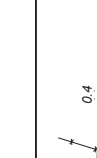
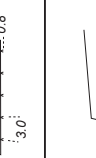
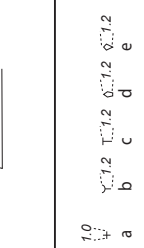
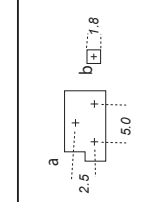
Item	No.	Feature Name	Layer No.	Dxf data type	Over print	USLOVNI ZNAK(Symbol)	Description
	11	Hangar, hall, or warehouse	3726	polygon	On, stroke, fill		Used pattern is 3726 from swatch library.
	12	Chimney	3528	point	On, stroke, fill		
	13	Factory	a)3728 b)3530	a)polygon b)point	On, fill, text		a)actual size (15m x 30m or more) b)minimum size (less than above size) orientate as on the ground Used font is Times Roman its point 6pt.
	14	Brick factory	a)3730 b)3532	a)polygon b)point	On, stroke, fill, text		a)actual size (15m x 30m or more) b)minimum size (less than above size) Used font is Times Roman its point 6pt.
	15	Factory of refinery, limekiln or cement	a)3732 b)3534	a)polygon b)point	On, stroke		a)actual size (15m x 30m or more) b)minimum size (less than above size) 1.oli 2.Lline 3.cemnt Used pattern is 3732 from swatch library. Used font is Times Roman its point 6pt.
	16	Small sawmill	3536	point	On, stroke, fill		
	17	Hydroelectric power plant	3538	point	On, stroke, fill		(place on vertically at the dam site)
	18	Thermoelectric power plant	a)3734 b)3540	a)polygon b)point	On, stroke, fill		a)actual size (15m x 30m or more) b)minimum size (less than above size)
	19	silo	a)3736 b)3542	a)polygon b)point	On, stroke, fill, text		a)actual size (a side or diameter 40m or more) b)minimum size (less than above size) Used font is Times Roman its point 6pt.
	20	Meteorological observatory	3544	point	On, stroke, fill		

A) ZGRADA Building








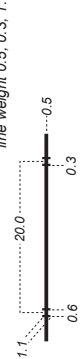
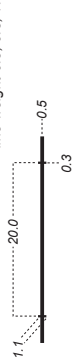


Item	No.	Feature Name	Layer No.	Dxf data type	Over print	USLOVNI ZNAK(Symbol)	Description
A) ZGRADA Building	21	Castle, ruin of castle	3546	point	On. stroke	 line weight 0.15	
	22	Hut	3548	point	On. stroke	 line weight 0.15	
	23	Public managed mountain hut	3550	point	On. fill, text	■ p l.d .	Used font is Times Roman its point 6pt.
B) OBJEKTI Landmark etc.	24	Oil/gas well	a)4110 b)4112	a)point b)point	On. stroke, fill	 line weight 0.15	a) with derricks b) without derricks
	25	Tank	4114n 4114b 4114p	point	On. stroke, fill, text	1. N 2. B z 3. P I  line weight 0.15	1. N. oil, 2 Bz. Gasoline, 3. P I. gas Used font is Times Roman its point 6pt.
	26	Gasworks	4116	point	On. stroke, fill	 line weight 0.15	
	27	Electric wave tower	a)4118 b)4120	a)point b)point	On. stroke, fill	 line weight 0.15	a) independent b) on building
	27	Monument	4126	point	On. stroke	 line weight 0.15	
	29	Watchtower	4128	point	On. stroke	 line weight 0.15	
	30	Religious Monument and cross	4130	point	On. stroke	 line weight 0.15	

Item	No.	Feature Name	Layer No.	Dxf data type	Over print	USLOVNI ZNAK(Symbol)	Description
B) OBJEKTI Landmark etc.	31	Stone marker, monument	4132	point	On, fill		
	32	Water mill	4134	point	On, stroke, fill, text		
	33	Aeronautical lighthouse	4136	point	On, stroke, fill		
	34	Fortress	a)4750 b)4550	a)polygon b)point	On, stroke		a)actual size (75m x 75m or more) b)minimum size (less than above size)
	35	Cave	a)4138 b)4140	a)point b)point	On, stroke, fill		a)with water current b)without water current
	36	Rock (rock)	4142	point	On, stroke, fill		put solid dot on broken point. Arrow symbol indicate direction of electric flow.
	37	High-pressure power line	4310	line	On, stroke, fill		a)Transformer substation b)Transformer (align with as power line flow) c)Underground transformer (align with as power line flow)
	38	Transformer substation	a)4710 b)4122 c)4124	a)polygon b)point c)point	On, stroke, fill		a)Transformer substation b)Transformer (align with as power line flow) c)Underground transformer (align with as power line flow)
	39	Gas pipeline	4315	line	On, stroke		

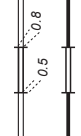



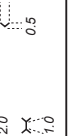
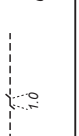
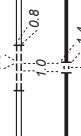
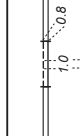
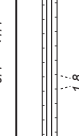
Item	No.	Feature Name	Layer No.	Dxf data type	Over print	USLOVNI ZNAK(Symbol)	Description
B) OBJEKTI Landmark etc.	40	Oil pipeline	4320	line	On. stroke, fill		
	41	Belt conveyor	4325	line	On. 100%stroke Off. 30%stroke		
	42	Embankment	a)4330 b)4335	a)line b)line	On. stroke		a)vehicles passable b)vehicles impassable
	43	Dry waterway	4340	point	On. 100%stroke Off. 30%stroke		
	44	Brick wall or stone wall	4355	line	On. stroke		100m or more in length.
	45	Wire entanglements	4360	line	On. stroke		100m or more in length.
	46	Board wall or other clear borderlines enclosing a residential area or other features	4365		On. stroke		100m or more in length.
	47	Individual grave	a)4510 b)4515 c)4520 d)4522 e)45**	a)point b)point c)point d)point e)point	On. stroke		a)Christian b)Islamic c)Judaic d)Bogomil e)Partisan soldiers
48	Christian graveyard	a)4720 b)4525	a)polygon b)point	On. stroke		a)actual size (50m x 50m or more) b)minimum size (less than above size)	

Item	No.	Feature Name	Layer No.	Dxf data type	Over print	USLOVNI ZNAK(Symbol)	Description
B) OBJEKTI Landmark etc.	49	Islamic graveyard	a)4725 b)4530	a) polygon b) point	On. stroke		a) actual size (50m x 50m or more) b) minimum size (less than above size)
	50	Judaic graveyard	a)4730 b)4535	a) polygon b) point	On. stroke		a) actual size (50m x 50m or more) b) minimum size (less than above size)
	51	Bogomil graveyard	a)4732 b)4537	a) polygon b) point	On. stroke		a) actual size (50m x 50m or more) b) minimum size (less than above size)
	52	Partisan soldiers' graveyard	a)4735 b)4540	a) polygon b) point	On. stroke		a) actual size (50m x 50m or more) b) minimum size (less than above size)
	53	Stadium or ground	a)4740 b)4545	a) polygon b) point	On. stroke, fill		a) actual size (100m x 75m or more) and the stands respectively b) minimum size (less than above size)
	54	Cliff formed by digging	a)4345 b)4350	a) line b) line	On. stroke		a) small size (3m or more in height, 100m or more in length, less than 17.5m in horizontal length of slope) b) large size (3m or more in height, 100m or more in length, 17.5m or more in horizontal length of slope)
	55	Ruins with historical importance	a)4760 b)4555	a) polygon b) point	On. stroke		a) actual size (75m x 75m or more) b) minimum size (less than above size)
	56	Place for waste	a)4770 b)4560	a) polygon b) point	On. stroke, text		a) actual size (75m x 75m or more) b) minimum size (less than above size) Used font is Times Roman its point 6pt.

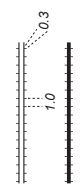

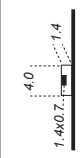
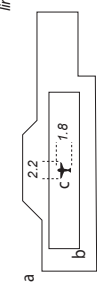
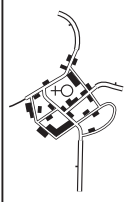
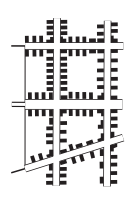



Item	No.	Feature Name	Layer No.	Dxf data type	Over print	USLOVNI ZNAK(Symbol)	Description
B) OBJEKTI Landmark etc.	57	Quarrying place	4565k 4565s 4565m 4565p 4565i	point	On. stroke, text		1. K - stone 2. S - gravel 3. M - marble 4. P - sand 5. I - clay Used font is Times Roman its point 6pt.
	58	Quarrying place	4570u 4570g 4570b	point	On. stroke, fill, text		1. ugali - coal 2. gvozde - iron ore 3. bakar - copper ore Used font is Times Roman its point 6pt.
	59	Disused mine	4575	point	On. stroke, fill		
C) KOMUNIKACIJE Communication a) Putovi Road	60	Highway	2110_c 2110_f 2110	line	On. stroke		This symbol is shown by three kind of object which are center line, white fat line, black fat line, and each type of line respective layer should be created: 2110_c, 2110_f, 2110.
	61	Pavement road of two or more lanes (asphalt, block, and concrete)	2120_f 2120_n 2120	line	On. stroke		This symbol is shown by three kind of object which are white fat line, black dashed fat line, black fat line, and each type of line respective layer should be created: 2110_f, 2110_n, 2110.
	62	Simple pavement road of two lanes (macadam and gravel)	2130_f 2130	line	On. stroke		This symbol is shown by two kind of object which are white fat line, black fat line, and each type of line respective layer should be created: 2130_f, 2130.
	63	Road under construction	2140_f 2140	line	On. stroke		This symbol is shown by two kind of object which are white fat line, black dashed fat line, and each type of line respective layer should be created: 2140_f, 2140.
	64	Disused road	2150_c 2150_f 2150	line	On. stroke		This symbol is shown by three kind of object which are black dotted line, white fat line, black fat line, and each type of line respective layer should be created: 2150_c, 2150_f, 2150.
	65	Simple pavement road of one lane	2160	line	On. stroke		
	66	Wagon road	2170	line	On. stroke		








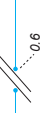
Item	No.	Feature Name	Layer No.	Dxf data type	Over print	USLOVNI ZNAK(Symbol)	Description
C) KOMUNIKACIJE a) Putovi Road b) Željeznice c) Rail way	67	Horse road	2180	line	On. stroke	 line weight 0.2	
	68	Foot path	2190	line	On. stroke	 line weight 0.2	
	69	Street in built-up area (1)	2210	polygon	On. stroke	 line weight 0.1	17.5m or more in width
	70	Street in built-up area (2)	2220_f 2220	line	On. stroke		(10m - less than 17.5m in width) This symbol is shown by two kind of object which are white fat line, black fat line, and each type of line respective layer should be created: 2220_f, 2220.
	71	Street in built-up area (3)	2230_f 2230	line	On. stroke		(less than 10m in width) This symbol is shown by two kind of object which are white fat line, black fat line, and each type of line respective layer should be created: 2230_f, 2230.
	72	Railway (double-track)	2310 2310 n	line	On. stroke	 line weight 0.5, 0.3, 1.1	This symbol is shown by two kind of object which are nip line, continuous line, and each type of line respective layer should be created: 2310 n, 2310.
	73	Railway (single track)	2320 2320 n	line	On. stroke	 line weight 0.5, 0.3, 1.1	This symbol is shown by two kind of object which are nip line, continuous line, and each type of line respective layer should be created: 2320 n, 2320.
	74	Railway (under construction)	2330 2330 n	line	On. stroke	 line weight 0.5, 0.3, 1.1	This symbol is shown by two kind of object which are nip line, dashed line, and each type of line respective layer should be created: 2330 n, 2330.
	75	Railway (electrified)	2340	line	On. stroke	 line weight 0.15	Display perpendicularly to the railway

Item	No.	Feature Name	Layer No.	Dxf data type	Over print	USLOVNI ZNAK(Symbol)	Description
C) KOMUNIKACIJE Communication	76	Narrow-gauge railway	2350	line	On. stroke	line weight 0.2, 0.3	
	77	Narrow-gauge railway (under construction)	2360	line	On. stroke	line weight 0.2, 0.3	
	78	Disused railway	2370	line	On. stroke On. stroke	line weight 0.1	
	79	Ropeway, lift	2380	line	On. stroke	line weight 0.1	
	80	Tram	a)2390 b)23**	line	On. stroke	line weight 0.3, 0.2, 0.5	a)single track b)double-track
	81	Siding	2395	line	On. stroke	line weight 0.1	
	82	Bridge with pier	2500	line	On. stroke	line weight 0.2	actual size(17.5m or more in width)
	83	Bridge without pier	2505	line	On. stroke	line weight 0.2	actual size(17.5m or more in width)
	84	Bridge with pier	2510	line	On. stroke	line weight 0.2	actual size(25m or more in length)
	C) KOMUNIKACIJE Communication						
c) Mostovi, Detalji na komunikacijama Bridges, etc.							
Rail way							

Item	No.	Feature Name	Layer No.	Dxf data type	Over print	USLOVNI ZNAK(Symbol)	Description
C) KOMUNIKACIJE Communication	85	Bridge without pier	2520	line	On. stroke		actual size(25m or more in length)
	86	Small bridge	2530	point	On. stroke		(less than 25m in length)
	87	Waterway under the railway and the road (culvert)	2535	point	On. stroke		
	88	Pedestrian bridge, narrow bridge for domestic animal, suspension bridge	a)2540 b)2545	a)line b)point	On. stroke		a)actual size(25m or more in length) b)minimum size(less than 25m in length)
	89	Walking bridge (log bridge)	2550	point	On. stroke		
	90	Tunnel	a)2560 b)2565	a)line b)point	On. stroke		a)actual size(25m or more in length) b)minimum size(less than 25m in length)
	91	Gallery, Shelf tunnel against falling rocks and avalanche	a)2570 b)2575	a)line b)point	On. stroke		a)actual size(25m or more in length) b)minimum size(less than 25m in length)
	92	Retaining wall on the upper side of road and railway	2580	line	On. stroke		(3m or more in height, 100m or more in length)
	93	Cutting	2590	line	On. stroke		(3m or more in height, 100m or more in length)
	C) KOMUNIKACIJE Communication						



Item	No.	Feature Name	Layer No.	Dxf data type	Over print	USLOVNI ZNAK(Symbol)	Description
C) KOMUNIKACIJE Communication a) putovi Road	94	Bank	2595	line	On. stroke		(3m or more in height, 100m or more in length)
	95	Area of large station with facilities	2710	line	On. stroke		(the peripherys of the station its facilities 200m x 75m or more)
	96	Station	2715	line	On. stroke, fill		(the peripherys of the station its facilities less than 200m x 75m)
	97	Airport	a)2720 b)2720r c)2725	a)line b)line c)point	On. stroke, fill		a)the peripherys of the airport b)the runways, strip c)place a symbol on the center of the runway
	98	Example representation of street in built-up area					
	99	Example representation of generalized dwelling area					
	100	Large spring (spring water pond)	5510	point	On. stroke, fill		(10 liter/minute or more)
	101	Small spring (spring water pond)	5515	point	On. fill		(less than 10m in width) This symbol is shown by two kind of object whichi are white fat line, black fat line, and each type of objects respective layer should be created: 2230_f, 2230.
	102	Water drinking place	5520	point	On. fill		
			D) HIDROGRAFIJA Hydrography				
		a) Objekti 1 Object 1					

Item	No.	Feature Name	Layer No.	Dxf data type	Over print	USLOVNI ZNAK(Symbol)	Description
D) HIDROGRAFIJA Hydrography a) Objekti 1 Object 1	103	Water well	5525	point	On, stroke, fill		
	104	Drinking water tank	5530	point	On, stroke, fill		
	105	Water tower	5535	point	On, stroke, fill		
	106	Water pump	5540	point	On, stroke		
	107	Industrial reservoir(large)	5542 5542_f	polygon	On, stroke On, fill		35m x 35m or more This symbol is shown by two kind of object which are cyan thin line, 30%screened surface, and each type of objects respective layer should be created: 5542, 5542_f.
	108	Reservoir	a)5545 b)5550	a)point b)point	On, stroke		a)swimming pool b)Industrial reservoir
	109	In-point and out-point of undercurrent river	5565	point	On, stroke		place respectively at the in-point and the out-point.
	110	Both ends of siphon	5570	point	On, stroke		place two end points of the siphon.
	111	Ships can navigate	5580	point	On, stroke, fill	