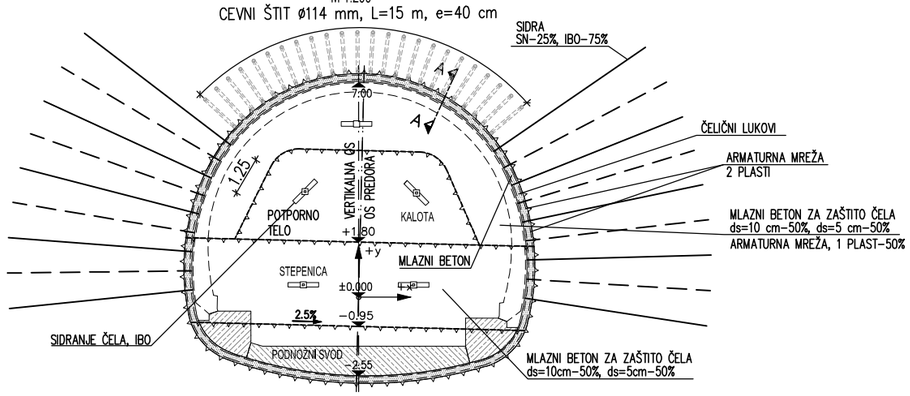
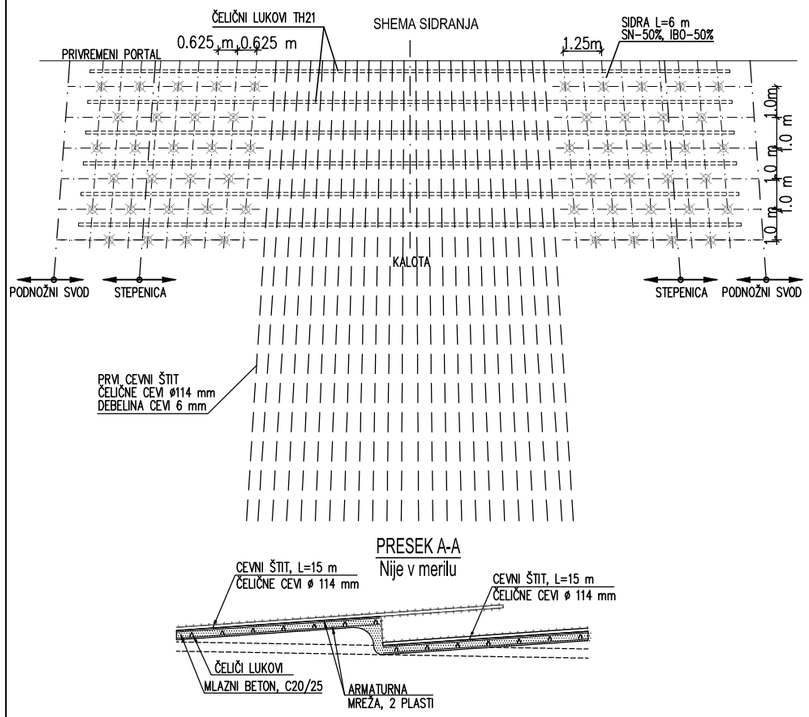
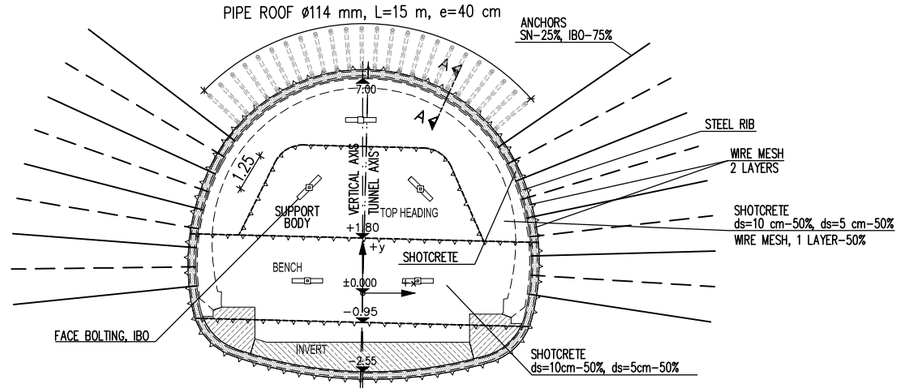
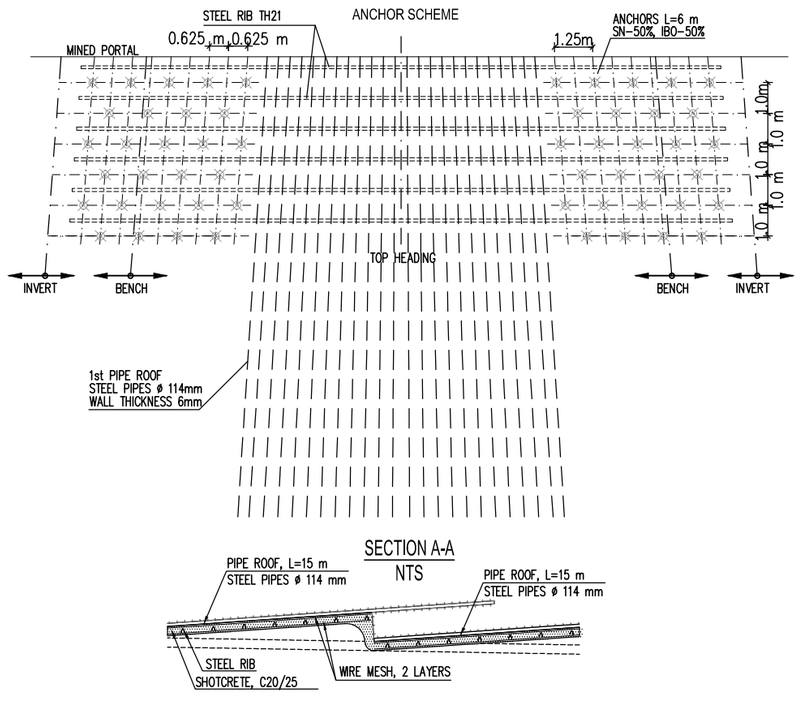
POTPORNI TIP
KALOTA K - 7/8,26
STEPENICA S - 6/7,86
PODNOŽNI SVOD TO - 7/4
M 1:200
CEVNI ŠTIT ø114 mm, L=15 m, e=40 cm





SUPPORT MEASURE
TOP HEADING K - 7/8,26
BENCH S - 6/7,86
INVERT TO - 7/4
M 1:200
PIPE ROOF ø114 mm, L=15 m, e=40 cm





POTPORNI TIP K-7/8,26; S-6/7,86; TO-7/4

Maksimalni iskopni korak	
T	1m
B	2m
I	12,0m

LEGENDA

T ... KALOTA
B ... STEPENICA
I ... PODNOŽNI SVOD
F ... ISKOPNO ČELO
R ... PLAFON
S ... STRANA
TI ... PRI. PODNOŽNI SVOD

LOKACIJA	VREME UGRADNJE	POTPORNE MERE	Količina/m
KALOTA	ISKOPNA KOLIČINA		48.05 m3
F	nakon iskopa	mlazni beton C20/25 za osiguranje čela, ds=5cm	28.26 m2
R	pred izkopom naslednjega koraka	mlazni beton C20/25, ds=25cm	16.60 m2
R	pred izkopom naslednjega koraka	armaturna mreža 2 plasti Q189 (3,03kg/m2)	0.1006 t
R	pred izkopom naslednjega koraka	čelični luk TH21	0.2043 t
R	najviše jedan korak za iskopnim čelom	SN sidro l=6m	4.41 kos
R	pred izkopom naslednjega koraka	samobušeno injekt. koplje, l=4m	18.24 kos
R	pred izkopom naslednjega koraka	brizgan beton za zapolnitev volumna dodatnega izkopa za sulice	0.68 m3
STEPENICA	ISKOPNA KOLIČINA		31.09 m3
S	pred izkopom naslednjega koraka	mlazni beton C20/25, ds=25cm	5.41 m2
S	pred izkopom naslednjega koraka	armaturna mreža 2 plasti Q189 (3,03kg/m2)	0.0328 t
S	pred izkopom naslednjega koraka	čelični luk TH21 (svak 2. korak)	0.0333 t
S	najviše jedan korak za iskopnim čelom	SN sidro, l=4m	1.76 Kos
PODNOŽNI SVOD	ISKOPNA KOLIČINA		13.15 m3
I	nakon iskopa podnožnog svoda	beton u podnožnom svodu C25/30	5.66 m2
I	nakon iskopa podnožnog svoda	beton u tenelju C25/30	4.02 m2

NAPOMENA: KVANTITETI SU IZRAČUNATI NA TEKUĆI METAR TUNELA SA ISKOPNIM KORAKOM DUŽINE 3.0M.
KVANTITE ISKOPA JE TEORETSKI I BEZ TOLERANCIJA.

SUPPORT TYPE K-7/8,26; S-6/7,86; TO-7/4

Maximum round length	
T	1m
B	2m
I	12,0m

LEGEND

T ..... TOP HEADING
B ..... BENCH
I ..... INVERT ARCH
F ..... EXCAVATION FACE
R ..... ROOF
S ..... SIDEWALL
TI..... TEMP. INVERT

LOCATION	TIME INSTALATION	ROCK SUPPORT	Quantity/m
TOP HEADING	VOLUME OF EXCAVATION		48.05 m3
F	after excavation	shotcrete C25/30 sealing tunnel face, ds=5cm	28.26 m2
R	prior to excavation of next round	shotcrete C20/25, ds=25cm	16.60 m2
R	prior to excavation of next round	wire mesh Q189, 2 layers (3,03kg/m2)	0.1006 to
R	prior to excavation of next round	steel rib TH21	0.2043 to
R	max. one round behind excavation face	SN anchor, l=6m	4.41 Pc
R	prior to excavation of next round	forepiling pipes, l=4m	18.24 Pc
R	prior to excavation of next round	brizgan beton za zapolnitev volumna dodatnega izkopa za sulice	0.68 m3
BENCH	VOLUME OF EXCAVATION		31.09 m3
S	prior to excavation of next round	shotcrete C20/25, ds=25cm	5.41 m2
S	prior to excavation of next round	wire mesh Q189, 2 layers (3,03kg/m2)	0.0328 to
S	prior to excavation of next round	steel rib TH21 (every 2. round lenght)	0.0333 to
S	max. one round behind excavation face	SN anchor, l=4m	1.76 Pc
INVERT	VOLUME OF EXCAVATION		13.15 m3
I	after excavation of invert	invert concrete C25/30	5.66 m2
I	after excavation of invert	abutment concrete C25/30	4.02 m2

REMARK: QUANTITIES ARE CALCULATED FOR A ROUND LENGTH OF 1.0m
EXCAVATION VOLUMES GIVEN IN THE TABLE ARE THEORETICAL WITHOUT ANY TOLERANCES

br./no.	promena/change	datum/date	ime/name

klijent/client:
ЈАВНО ПРЕДУЗЕЋЕ
ПУТЕВИ СРБИЈЕ

naslov/title:
SRSDD Standardni crteži putnih detalja u Republici Srbiji
SRSDD Serbian road standard detail drawings

crtež/drawing:
Potporne mere
Support measures

razmera/scale:1:200	datum/date: 30.04.2012	strana/page: 7.11.1