

VÝŠKOVÝ SYSTÉM Bpv SOUŘADNICOVÝ SYSTÉM S-JTSK

Objednatel:



Krajská správa a údržba silnic
Středočeského kraje, příspěvková organizace
Zborovská 81/11, 150 21 Praha 5 - Smíchov

Zhotovitel:



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TECHNICKÁ ZPRÁVA

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a) Identifikační údaje objektu

<i>Stavba:</i>	II/101 Dolní Břežany - Zbraslav
<i>Číslo objektu:</i>	SO 101.2
<i>Název objektu:</i>	Silnice II/101
<i>Katastrální území:</i>	Dolní Břežany, Lhota u Dolních Břežan, Točná
<i>Obec:</i>	Dolní Břežany, Praha
<i>Kraj:</i>	Středočeský, hl. m. Praha
<i>Objednatel:</i>	Krajská správa a údržba silnic Středočeského kraje Zborovská 11 Praha, 150 21
<i>Investor:</i>	Krajská správa a údržba silnic Středočeského kraje Zborovská 11 Praha, 150 21
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b) Stručný popis objektu se zdůvodněním navrženého řešení

- 2.1 *Charakter stavby:* Pozemní komunikace, stavební úprava
- 2.2 *Délka úpravy:* **3,25km**

b.1) Obsah objektu a jeho umístění

Obsahem SO 101.2 je rekonstrukce vozovky silnice II/101 v úseku délky 3,250 m. Začátek úpravy je umístěn v km 0,500, konec úpravy je navržen v km 3,750. Stávající směrové vedení silnice nebude v rámci stavby nijak změněno. Nová niveleta bude kopírovat stávající stav.

c) Vyhodnocení průzkumů a podkladů

- Geodetické zaměření v souřadnicovém systému S-JTSK a výškovém systém B.p.v.
- Katastrální mapa převedená do digitálního prostředí.
- Průzkum inženýrských sítí
- Místní šetření a fotodokumentace

d) Vztahy pozemní komunikace k ostatním objektům stavby

Na stavební objekt SO 101.2 navazují po celé délce úpravy opěrné zdi, jejich úprava, respektive stavba jsou součástí SO 251.2. Rozhraní mezi objekty je dáno takto:

- z hlediska vozovky, a hrana římsy u vozovky
- z hlediska zemních prací, polohou zemní pláň
- z hlediska svodidel koncem říms
- dopravní značení, směrové sloupky a nástavce na svodidlo (resp. odrazky) jsou kompletně součástí SO 101.2

Trvalé dopravní značení je předmětem SO 190.2. Přechodné dopravní značení pro zajištění provozu po dobu realizace je součástí SO 180.2.

d.1)Související objekty stavby

SO 180.2 – Přechodné dopravní značení

SO 190.2 – Trvalé dopravní značení

SO 251.2 – Opěrné zdi

e) Návrh zpevněných ploch

e.1)Situační řešení

V rámci tohoto objektu dojde ke kompletní rekonstrukci vozovky II/101. Stávající směrové vedení nebude v rámci stavby nijak měněno. V rámci stavby bude kompletně obnoveno odvodnění silnice.

Budou upraveny a zpevněny šterkodrtí tl 0,15m tyto sjezdy:

- km 1,695 vlevo – Sjezd
- km 1,776 vpravo – Sjezd
- km 1,817 vlevo – Sjezd
- km 2,520 vlevo – Sjezd
- km 2,855 vlevo – Sjezd
- km 3,405 vlevo – Sjezd

Asfaltový sjezd:

- km 2,835 vpravo – Sjezd s Trubním propustkem DN 400

Směrové výpočty byly provedeny v programu RoadPac a jsou doloženy v příloze této zprávy.

e.2)Výškové řešení

Výškové řešení vychází ze stávajících poměrů. Na začátku a konci úpravy je niveleta plynule napojena na stávající stav

Výškové výpočty byly provedeny v programu RoadPac a jsou doloženy v příloze této zprávy.

e.3) Uspořádání v příčném řezu

Šířkové uspořádání silnice vychází ze silniční kategorie S7,5. Základní šířka vozovky je navržena 6,5m, která se rozšíří ve směrových obloucích o poloměru menším než 250m. Základní příčný sklon vozovky bude střechovitý 2,5%, který se změní ve směrových obloucích na jednostranný sklon.

Mimo vybrané úseky je vozovka lemována z obou stran nezpevněnou krajnicí šířky 0,5m, která bude v místech osazení svodidla rozšířena o 1,0m. Nezpevněná krajnice bude provedena ve sklonu 8% od vozovky ze šterkodrti tl. 0,15m a zhutněná na D=min.100%PS.

km 0,520 – 0,590 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 0,625 – 0,925 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 1,000 – 1,075 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 1,090 – 1,420 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 1,485 – 1,505 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 1,515 – 1,540 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 1,640 – 1,665 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 1,740 – 1,765 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 1,955 – 2,055 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 2,125 – 2,165 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 2,300 – 2,335 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 2,390 – 2,440 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 2,545 – 2,635 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 2,680 – 2,700 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 2,730 – 2,765 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 2,780 – 2,833 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 2,985 – 3,035 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 3,105 – 3,210 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 3,225 – 3,394 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 3,415 – 3,445 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 3,615 – 3,670 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.2)

km 0,456 – 0,620 vpravo bude vozovka lemována podobrubníkovým rigolem

km 0,758 – 0,853 vpravo bude vozovka lemována podobrubníkovým rigolem

km 0,920 – 1,195 vpravo bude vozovka lemována podobrubníkovým rigolem

km 1,269 – 1,421 vpravo bude vozovka lemována podobrubníkovým rigolem

km 1,590 – 1,658 vpravo bude vozovka lemována podobrubníkovým rigolem

km 1,900 – 2,093 vpravo bude vozovka lemována podobrubníkovým rigolem

km 2,348 – 2,651 vpravo bude vozovka lemována podobrubníkovým rigolem

km 2,682 – 2,775 vpravo bude vozovka lemována podobrubníkovým rigolem

km 2,882 – 3,331 vpravo bude vozovka lemována podobrubníkovým rigolem

km 3,447 – 3,736 vpravo bude vozovka lemována podobrubníkovým rigolem

km 0,620 – 0,758 vpravo bude vozovka lemována dlážděnou krajnicí

km 0,853 – 0,920 vpravo bude vozovka lemována dlážděnou krajnicí

km 1,195 – 1,269 vpravo bude vozovka lemována dlážděnou krajnicí

km 1,829 – 1,900 vpravo bude vozovka lemována dlážděnou krajnicí

Dlážděná krajnice bude zhotovena ze žulové kostky drobné uložené do betonového lože tl. 0,15m z betonu min. C20/25nXF3 a spárované zálivkou s odolností XF4.

Krajnice bude provedena ve sklonu 4% směrem do vozovky. Mezi vydlážděním a vozovkou bude osazena betonová silniční obruba 150/250 z betonu min. 30/37 XF4 do betonového lože min. C20/25nXF3. Obruba bude převýšena o 0,02-0,05m nad vozovku.

e.4) Konstrukce vozovky

Konstrukce vozovky silnice je navržena z následujících konstrukčních vrstev:

Asf. beton pro obrusné vrstvy ¹⁾	ACO 11+	40mm	ČSN EN 13108–1
Postřík spojovací ⁴⁾	PS-CP	0,35kg/m ²	ČSN 73 6129
Asf. beton pro ložní vrstvy ²⁾	ACL 16+	60mm	ČSN EN 13108–1
Postřík spojovací ⁴⁾	PS-CP	0,35kg/m ²	ČSN 73 6129
Asf. beton pro podkladní vrstvy ³⁾	ACP 22+	90mm	ČSN EN 13108–1
Postřík infiltrační ⁵⁾	PI-CP	0,6kg/m ²	ČSN 73 6129
Štěrkodrt ⁶⁾	ŠD _A	150mm	ČSN EN 13285
Štěrkodrt ⁶⁾	ŠD _A	200mm	ČSN EN 13285
Konstrukční vrstvy celkem:		min. 500mm	

Pozn.:

- ¹⁾ Pro obrusnou vrstvu bude použito modifikované asfaltové pojivo PmB 45/80 – 65 dle ČSN EN 14023 a ČSN 65 7222-1
- ²⁾ Pro ložní vrstvu bude použito modifikované asfaltové pojivo PmB 25/55 – 60 dle ČSN EN 14023 a ČSN 65 7222-1
- ³⁾ Pro asfalt. podkladní vrstvu bude použito silniční asfaltové pojivo 50/70 dle ČSN EN 12591
- ⁴⁾ Spojovací postříky budou provedeny z modifikované kationaktivní emulze dle ČSN 736132 a ČSN EN 13 808
- ⁵⁾ Infiltrační postřík bude proveden z modifikované kationaktivní emulze dle ČSN 736132
- ⁶⁾ Směs kameniva použitá pro vrstvu ŠD musí odpovídat vlastnostem kameniva skupiny ŠD_A (dle ČSN EN 13285).

Před pokládkou konstrukčních vrstev vozovky musí být stav zemní pláň ověřen statickou zatěžovací zkouškou. Zemní pláň musí vykazovat $E_{def,2} > 45 \text{ MPa}$ a poměr $E_{def,2}/E_{def,1} < 2,5$. Na vrstvě ŠD se uvažuje dosažení $E_{def,2} > 80 \text{ MPa}$.

Konstrukce asfaltového sjezdu je z následujících konstrukčních vrstev:

Asf. beton pro obrusné vrstvy ¹⁾	ACO 11+	40mm	ČSN EN 13108–1
Postřík spojovací ⁴⁾	PS-CP	0,35kg/m ²	ČSN 73 6129
Asf. beton pro ložní vrstvy ²⁾	ACL 16+	60mm	ČSN EN 13108–1
Postřík infiltrační ⁵⁾	PI-CP	0,6kg/m ²	ČSN 73 6129
Štěrkodrt ⁶⁾	ŠD _A	150mm	ČSN EN 13285
Štěrkodrt ⁶⁾	ŠD _A	150mm	ČSN EN 13285
Konstrukční vrstvy celkem:		min. 400mm	

Před pokládkou konstrukčních vrstev vozovky musí být stav zemní pláň ověřen statickou zatěžovací zkouškou. Zemní pláň musí vykazovat $E_{def,2} > 45 \text{ MPa}$ a poměr $E_{def,2}/E_{def,1} < 2,5$. Na vrstvě ŠD se uvažuje dosažení $E_{def,2} > 80 \text{ MPa}$.

Všechny pracovní spáry v napojení v obrusné vrstvě musí být proříznuty a zality asfaltovou modifikovanou zálivkou za horka typu N2 dle ČSN EN 14188-1. Podél opěrných zdí a dlážděných rigolů bude provedeno proříznutí drážky 40x12mm a zatěsnění zálivkou za horka z modifikovaného asfaltu typu N1 dle ČSN EN 14 188-1.

Konstrukce sjezdů bude zpevněna šterkodrtí v tl. 0,15m.

e.5) Příprava území

Příprava území zahrnuje frézování stávajícího souvrství vozovky, odstranění podkladních vrstev vozovky, sejmutí nezpevněných krajnic, sejmutí drnové vrstvy.

Před zahájení hlavních stavebních prací je nutné strhnout drnové vrstvy ze zelených ploch v mocnosti 0,20m. Předpokládá se, že tato zemina bude nepoužitelná k dalšímu využití a bude odvezena na skládku.

Zemina ze stržených nezpevněných krajnic se uvažuje jako nevhodná k dalšímu použití a bude odvezena na skládku.

Asfaltové souvrství bude odfrézováno v tl. 150mm, odfrézovaný materiál bude určen pro zpětný odkup zhotovitelem. Podkladní nestmelené vrstvy budou odtěženy v tl. 0,40m a předpokládá se, že jako nevyužitelné budou odvezeny na skládku.

e.6) Zemní práce

Zemní práce v rámci tohoto objektu nejsou příliš rozsáhlé a tvoří je odhumusování odstranění stávajících vrstev vozovky, přetěžení podloží vozovky, přesun zeminy, zhotovení aktivní zóny, sanace pláně vozovky, rozprostření rekultivační zeminy a osetí. Provádění zemních prací musí odpovídat požadavkům stanoveným v české technické normě ČSN 73 6133 – Navrhování a provádění zemního tělesa a musí respektovat TKP kap. 4 – Zemní práce.

e.6.1) Aktivní zóna

Podloží stávající vozovky po odstranění konstrukce bude odtěženo podloží do úrovně -0,30m pod projektovou pláň vozovky. Paraplán bude urovňována a zhutněna a bude na ni rozprostřena separační geotextilie netkaná (PP, odolnost proti protržení CBR min. 5 kN, propustnost kolmo k rovině geotextilie min. 10 l/s/m²). Následně bude provedena vrstva aktivní zóny tl. 0,40m z vhodného materiálu dle ČSN 73 6133, která musí být provedena z vhodného nenamrzavého materiálu a zhutněna na D=min.100%PS.

e.6.2) Dosypávky krajnice

Dosypávky krajnice budou provedeny z materiálu vhodného do aktivní zóny zhutněného na D=100%PS

e.6.3) Dokončovací práce

Trávník může zakládat pouze odborná organizace, která má platné oprávnění k provádění těchto prací. Základním předpisem pro založení trávníku jsou TP 99 a TKP 13. Trávník je nutno založit tak, aby splňoval parametry stanovené těmito předpisy. Trávník je nezbytné zakládat za vhodných vegetačních a klimatických podmínek.

Na terén bude rozprostřena zemina v kvalitě ornice (náhrada ornice) tl. 0,15m s vytríděním zrn větších než 32mm. Před výsevem trávníku je nutno vrchní vrstvu půdy připravit pro výsev, tzn. nakypřit, urovnat, vysbírat kameny a pohnojit. Následně bude provedeno osetí travním semenem, zapravení do půdy a zaválení válcem (přibližně 80kg). Součástí je i zalití a

první pokosení. Výsev je nutné provádět ve vhodných agrotechnických termínech (březen – květen nebo září – říjen).

Pokud nelze založit trávník hned po rozprostření ornice (nevhodné vegetační období) a připravené plochy se zaplevelí vytrvalými plevely, je nutné je odplevelit. Plochy zaplevelené jednoletými plevely stačí posekat. Toto se však musí provést dříve, než se jednoleté plevely vysemení. Zakládat trávník na plochách se vzrostlým hustým plevellem není přípustné. V případě, že se trávník založí ihned po rozprostření ornice a je zaplevelený i po pokosení, použijí se pro odplevelení trávníku vhodné selektivní prostředky. Na ložiska vytrvalých plevelů se použije přípravek opakovaně tak, aby při předání trávník splňoval parametry dané TKP. V zásadě je nutno technologický postup při zemních pracích a zakládání trávníku organizovat tak, aby se použití chemických prostředků minimalizovalo a použilo hlavně opakovaně na odstranění ložisek vytrvalých plevelů. Odstranění vytrvalých plevelů je jedna ze základních podmínek převzetí trávníku. K chemickému odplevelení je možné použít pouze registrované přípravky, které mohou být aplikovány pouze oprávněnou osobou. Pro obnovu trávníku je navržena následující travní směs dle přílohy č. 4 TP 99:

25% kostřava červená výběžkatá Rosana

10% kostřava červená trsnatá Ferota

10% kostřava červená dlouze výběžkatá Tábořská (Valašská)

32% kostřava ovčí Jana

20% lipnice smáčkutá Razula

3% metlice trsnatá Meta (lze nahradit trsnatou kostřavou červenou)

Výsevek bude proveden v množství 18g/m². V projektu je počítáno s ošetřením trávníku 2x. Ošetřování zahrnuje kosení trávy se shrabáním a odvozem na skládku, případně dosev nevzešlých míst apod. tak, aby trávník při předávání splňoval parametry dle TKP.

f) Režim povrchových a podzemních vod, zásady odvodnění, ochrana pozemní komunikace

Odvodnění vozovky je zajištěno příčným a podélným sklonem ke kraji vozovky. V místech opěrných zdí poteče voda podél převýšené římsy a pomocí odvodňovacích zařízení (součást SO 251.2) bude vyvedena do okolního terénu. Ve vybraných úsecích vpravo bude zhotoven podobrubníkový rigol, který bude zaústěn do nových vpustí, případně pomocí skluzu do zpevněného příkopu. Uliční a horské vpusti, budou přípojkami (součást tohoto SO) vyústěny do vodoteče na levé straně vozovky.

Plán bude odvodněna pomocí trativodů, které budou zaústěny do uličních vpustí.

Uliční vpusti budou v sestavě:

- Mříž litinová rovná 500x500mm pro uliční vpusti D400 (dle ČSN EN 124)
- Rám celolitinový pro uliční vpusti třídy D400 (dle ČSN EN 124)
- Tělesa uličních vpustí budou provedena z betonových prvků DN500
- Do uličních vpustí budou osazeny koše na splaveniny typu A4 z pozinkovaného plechu

Konstrukční výška vpustí se předpokládá 1,30m. Dno uliční vpustí bude osazeno do bet. lože C25/30nXF3 tl. min. 0,15m. Výkop pro uliční vpusti je do úrovně parapláně nutné zasypat šterkodrtí ŠD_A fr. 0/32 a hutnit po vrstvách tl. max. 0,30m na D= min. 95% PS.

Horské vpusti budou provedeny jako železobetonový prefabrikát o vnitřních rozměrech 1200 x 600 mm a budou uloženy na podkladní beton min. C12/15 tl. 0,15m. Horské vpusti budou opatřeny kompozitovou mříží s únosností min. C250. Těleso horské vpusti bude provedeno z betonu s odolností proti vlivu prostředí XF4. Zásyp výkopu bude proveden po vrstvách 0,3m ŠD 0/63 a zhutněn na D=min.95%PS. Těleso HV bude před zásypem opatřeno nátěrem proti zemní vlhkosti (2x ALP + ALN). Vtok do HV bude odlážděn z drobných žulových kostek 100/100 do betonu C20/25nXF3 tl. 0,15m.

Dno podobrubníkového rigolu bude tvořit dlažba z drobných žulových kostek 100/100 osazených do lože z betonu C20/25nXF3 tl.0,15m. Spárování mezi žulovými kostkami bude provedeno spárovací hmotou s odolností proti vlivu prostředí XF4. Spára mezi krajní žulovou kostkou a hranou vozovky bude proříznuta drážkou 40x12mm a zalita zálivkou za horka z modifikovaného asfaltu typu N1 dle ČSN EN 14188-1. Ukončení podobrubníkového rigolu bude zajištěno betonovou silniční obrubou 150/250 vyrobenou z betonu min. C30/37 XF4 osazenou do lože z betonu min. C20/25nXF3 tl. 0,15m.

Přípojky uličních vpustí budou provedeny z hladkých trubek PVC DN 150 SN 16. Lože tl. 0,15m bude provedeno ze štěrkopísku ŠP 0/32. Obsyp potrubí do úrovně 0,30m nad jeho horní hranu bude proveden ze štěrkopísku ŠP 0/32 a bude zhutněn na D=min. 95%PS. Zásyp rýhy do úrovně parapláňe bude proveden štěrkodrtí ŠD 0/32 a bude zhutněn na D=min.95%PS.

Drenáže budou vybudovány z drenážních trubek PVC-U DN 150 SN 8 flexibilních perforovaných po celém obvodu. Trubky budou uloženy do rýhy šířky 0,40m do betonového lože C8/10. Rýha bude vyplněna drceným kamenivem fr. 8/32. Trativody budou vyústěny do horských a uličních vpustí.

Skluzy budou zhotoveny z drobných žulových kostek 100/100 osazených do lože z betonu C20/25nXF3 tl.0,15m. Spárování mezi žulovými kostkami bude provedeno spárovací hmotou s odolností proti vlivu prostředí XF4.

V rámci stavby budou zhotoveny nové trubní propustky DN400(pod sjezdem), DN600, DN 800 z železobetonových hrdlových trub. Trouby budou osazeny na podsypnou vrstvu ze ŠDA 0/32 tl. 0,20m a lože z betonu min.C20/25nXF3 tl. 0,15m. Trouby budou kompletně obetonovány v tl. 0,15m cementovým betonem min. C20/25nXF3. Obetonování bude po celém povrchu opatřeno nátěrem proti zemní vlhkosti (ALP + 2x ALN). Trouby budou osazeny v místě čel na patky z betonu C20/25nXF3 o rozměrech 0,8m x 0,8m x 0,4m. Čela budou provedena seříznutím trouby do sklonu 1:2,5 a odlážděním trouby lomovým kamenem s jakostí třídy I. Dle ČSN 72 1860 . Dlažba z lomového kamene bude provedena na podsypnou vrstvu ŠP 0/32 tl. 0,15m a do lože z betonu C20/25nXF3 tl. 0,15m. Pro dlažbu budou vybrány kameny o rozměrech 250 – 500mm. Kameny budou ukládány plocho s divokou vazbou. Větší mezery je dovoleno vyklínovat odštěpky. Spáry budou zality spárovací hmotou s odolností XF4.

Únosnost základové spáry pod trubním propustkem bude min. 30MPa.

Výpis trubních propustků:

- km 1,578 – Trubní propustek (DN600)
- km 1,768 – Trubní propustek (DN600)
- km 1,827 – Trubní propustek (DN600)
- km 2,167 – Trubní propustek (DN600)
- km 2,347 – Trubní propustek (DN600)
- km 2,502 – Trubní propustek (DN600)

km 2,681 – Trubní propustek (DN600)
km 2,855 – Trubní propustek (DN800)
km 3,094 – Trubní propustek (DN600)
km 3,252 – Trubní propustek (DN600)
km 3,446 – Trubní propustek (DN600)
km 3,625 – Trubní propustek (DN600)

g) Návrh dopravních značek, dopravních zařízení, světelných signálů, zařízení pro provozní informace a dopravní telematiku

Součástí tohoto stavebního objektu je osazení nových ocelových svodidel v následujících úsecích:

km 0,500 – 0,520 – Ocelové svodidlo bude v km 0,500 přímo napojeno na stávající ocelové svodidlo. V km 0,520 bude Svodidlo přímo napojeno na zábradelní svodidlo (součást SO 251.2)

km 0,590 – 0,625 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 0,925 – 1,000 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 1,075 – 1,090 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 1,420 – 1,485 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 1,505 – 1,515 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 1,540 – 1,640 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 1,665 – 1,681 – Ocelové svodidlo, které bude v km 1,665 přímo napojeno na zábradelní svodidlo (součást SO 251.2) a bude ukončeno dlouhým náběhem

km 1,711 – 1,740 – Ocelové svodidlo, které bude začínat dlouhým náběhem a v km 1,740 bude přímo napojeno na zábradelní svodidlo (součást SO 251.2)

km 1,765 – 1,780 – Ocelové svodidlo, které je v km 1,765 přímo napojené na zábradelní svodidlo (součást SO 251.2) a je ukončeno dlouhým náběhem

km 1,842 – 1,955 – Ocelové svodidlo, které bude začínat dlouhým náběhem a v km 1,955 bude přímo napojeno na zábradelní svodidlo ((součást So 251.2)

km 2,055 – 2,125 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 2,165 – 2,300 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 2,335 – 2,405 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 2,440 – 2,478 – Ocelové svodidlo, které bude v km 2,440 přímo napojeno na zábradelní svodidlo a bude ukončeno dlouhým náběhem.

km 2,535 – 2,545 – Ocelové svodidlo, které bude začínat dlouhým náběhem a v km 2,545 bude přímo napojeno na zábradelní svodidlo (součást SO 251.2)

km 2,635 – 2,680 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 2,700 – 2,730 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 2,765 – 2,780 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 2,832 – 2,836 – Ocelové svodidlo, které bude v km 2,832 přímo napojeno na zábradelní svodidlo (součást SO 251.2) a bude ukončeno dlouhým náběhem

km 2,880 – 2,985 – Ocelové svodidlo, které bude začínat dlouhým náběhem a v km 2,985 bude přímo napojeno na zábradelní svodidlo (součást SO 251.2)

km 3,035 – 3,105 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 3,210 – 3,225 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 3,394 – 3,401 – Ocelové svodidlo, které je v km 3,394 přímo napojeno na zábradelní svodidlo (součást SO 251.2) a je ukončeno krátkým náběhem

km 3,409 – 3,415 – Ocelové svodidlo, které začíná krátkým náběhem a v km 3,415 je přímo napojeno na zábradelní svodidlo (součást SO 251.2)

km 3,445 – 3,625 – Ocelové svodidlo, které bude z obou stran přímo napojené na zábradelní svodidla, která jsou součástí SO 251.2.

km 3,670 – 3,753 – Ocelové svodidlo, které je v km 3,67 přímo napojeno na zábradelní svodidlo (součást SO 251.2) a je ukončeno dlouhým náběhem

Budou použita jednostranná ocelová svodidla svodnicového typu s úrovní zadržení H1.

Volná šířka komunikace bude vymezena pomocí plastových silničních sloupků bílé barvy, které budou umístěny v nezpevněné krajnici, případně pomocí nástavců na ocelová svodidla.

Rozmístění směrových sloupků se řídí požadavky ČSN 73 6101 dle křivosti směrového vedení, tj.:

- Pro přímé a směrové oblouky o poloměru	$R \geq 1250$	ve vzdálenostech 50m
- pro směrové oblouky o poloměru	$R \geq 850$	ve vzdálenostech 40m
	$R \geq 450$	ve vzdálenostech 30m
	$R \geq 250$	ve vzdálenostech 20m
	$R \geq 50$	ve vzdálenostech 10m
	$R \leq 50$	ve vzdálenostech 5m

Budou použity plastové sloupky výšky 0,80m nad korunou vozovky. Patky budou osazeny do vrtu průměru 0,350m tak, aby při zhotovení krajnice ze štěrkodrti horní okraj převyšoval krajnici o cca 0,05m. Po osazení patky bude vrt vyplněn betonem C30/37 XF4 do úrovně - 0,20m po úroveň horní hrany patky.

Dopravní značení je součástí SO 190.2 – Trvalé dopravní značení.

h) Zvláštní podmínky a požadavky na postup výstavby, případně údržbu

V místě stavby SO 101.2 se nenacházejí inženýrské sítě, jejichž orientační poloha byla zjištěna průzkumem inženýrských sítí doloženým v dokladové části dokumentace. Zjištěné polohy inženýrských sítí jsou zakresleny v koordinační situaci. Část stavby však bude probíhat v ochranném pásmu IS. Před zahájením stavebních prací musí zhotovitel požádat správce sítí o vytyčení podzemních vedení inženýrských sítí.

Vedení a organizaci dopravy během realizace stavby řeší SO 180.2 – Přejíždění dopravní značení.

i) Vazba na případné technologické vybavení

Technologické vybavení není součástí.

j) Přehled provedených výpočtů a konstatování o statickém ověření rozhodujících dimenzí

- Směrový výpočet
- Výškový výpočet

k) Řešení přístupu a užívání veřejně přístupných komunikací a ploch souvisejících osobami s omezenou schopností pohybu a orientace

Předmětem SO 101.2 nejsou pozemní komunikace vyjmenované v §4 vyhlášky č. 398/2009 sb. v aktuální znění. Řešení přístupu a užívání veřejně přístupných komunikací a ploch souvisejících osobami s omezenou schopností pohybu a orientace není předmětem tohoto stavebního objektu.

l) Další přílohy

- Vzorová sestava uliční vpusti
- Vzorová sestava horské vpusti
- Vzorové uložení přípojky

SMĚROVÝ VÝPOČET DO KRUŽNIC

Verze: 2017

Datum zadání: 25.10.2017

Datum výpočtu: 16. 4.2021 15: 9:53

datum a čas kompilace: 25.11.2017 21:27

Projekt: BREZANY

Trasa: 101.V12

* Použit vstupní soubor Hlavní body směru s názvem 101.SHB
 * Akce:
 * Trasa:
 * Datum vzniku 20.10.2017 programem ISHB5
 * Datum posl. zápisu 20.10.2017 programem ISHB5
 * Soubor .SHB nového typu

* Konec čtení vstupních údajů

Přečteno 0 řádků dat a 101 úseků ze souboru SHB

Uloženo 101 úseků

* Vytvořen výstupní soubor Hlavní body směru s názvem WORK.SHB
 * Akce:
 * Trasa:
 * Datum vzniku 16. 4.2021 programem RP12
 * Datum posl. zápisu 16. 4.2021 programem RP12
 * Soubor .SHB nového typu

		Údaje o hlavních bodech směrového vedení trasy										
CB	IND	STA	YH	XH	sigmah	R	YS	XS		T1	T2 (VZP)	alfat
CV	TP	DIF	YP	XP	sigp	A	YT	XT				
1	OT	.000000	742569.412	1056850.818	100.98127	.000	.000	.000				
0	tečna	19.603	.000	.000	.00000	.000	.000	.000		.000	.000	.00000
2	TK	.019603	742589.012	1056850.516	100.98127	-600.000	742598.260	1057450.445				
1	kružnice	20.088	.000	.000	.00000	.000	742599.056	1056850.361		10.045	-.084	-2.13145
3	KT	.039691	742609.100	1056850.543	98.84982	.000	.000	.000				
0	tečna	34.746	.000	.000	.00000	.000	.000	.000		.000	.000	.00000
4	TP	.074438	742643.840	1056851.170	98.84982	.000	.000	.000				
2	klotoida	30.000	742643.840	1056851.170	98.84982	77.460	742663.843	1056851.532		20.006	10.005	-4.77465
5	PK	.104438	742673.805	1056852.461	94.07517	-200.000	742655.218	1057051.596				
2	kružnice	2.782	.000	.000	.00000	.000	742675.190	1056852.591		1.391	-.005	-.88541
6	KP	.107219	742676.573	1056852.739	93.18976	-200.000	742655.218	1057051.596				
2	klotoida	30.000	742706.196	1056857.428	88.41511	-77.460	742686.521	1056853.808		10.005	20.006	-4.77465
7	PT	.137219	742706.196	1056857.428	88.41511	.000	.000	.000				
0	tečna	20.861	.000	.000	.00000	.000	.000	.000		.000	.000	.00000
8	TP	.158080	742726.713	1056861.203	88.41511	.000	.000	.000				
3	klotoida	30.000	742726.713	1056861.203	88.41511	67.082	742746.393	1056864.825		20.010	10.010	6.36620
9	PK	.188080	742756.369	1056865.644	94.78131	150.000	742768.651	1056716.148				
3	kružnice	15.259	.000	.000	.00000	.000	742763.979	1056866.270		7.636	.194	6.47596
10	KP	.203339	742771.614	1056866.119	101.25727	150.000	742768.651	1056716.148				
3	klotoida	30.000	742801.488	1056863.531	107.62347	-67.082	742781.621	1056865.921		10.010	20.010	6.36620
11	PT	.233339	742801.488	1056863.531	107.62347	.000	.000	.000				
0	tečna	4.565	.000	.000	.00000	.000	.000	.000		.000	.000	.00000
12	TP	.237904	742806.021	1056862.985	107.62347	.000	.000	.000				
4	klotoida	40.000	742806.021	1056862.985	107.62347	48.990	742832.653	1056859.781		26.824	13.476	21.22066
13	PK	.277904	742844.769	1056853.882	128.84412	60.000	742818.505	1056799.936				
4	kružnice	13.651	.000	.000	.00000	.000	742850.932	1056850.881		6.855	.390	14.48429
14	KT	.291556	742856.260	1056846.567	143.32841	.000	.000	.000				
0	tečna	23.003	.000	.000	.00000	.000	.000	.000		.000	.000	.00000
15	TP	.314559	742874.138	1056832.092	143.32841	.000	.000	.000				
5	klotoida	40.000	742874.138	1056832.092	143.32841	46.904	742895.009	1056815.194		26.854	13.504	-23.14981
16	PK	.354559	742907.840	1056810.985	120.17860	-55.000	742924.982	1056863.246				
5	kružnice	26.361	.000	.000	.00000	.000	742920.609	1056806.797		13.439	-1.618	-30.51269
17	KP	.380920	742933.871	1056808.969	89.66591	-55.000	742924.982	1056863.246				
5	klotoida	20.000	742953.044	1056814.556	78.09101	-33.166	742940.471	1056810.050		6.688	13.356	-11.57490
18	PT	.400920	742953.044	1056814.556	78.09101	.000	.000	.000				
0	tečna	73.776	.000	.000	.00000	.000	.000	.000		.000	.000	.00000
19	TP	.474696	743022.495	1056839.447	78.09101	.000	.000	.000				
6	klotoida	20.000	743022.495	1056839.447	78.09101	40.000	743035.056	1056843.950		13.344	6.677	7.95775
20	PK	.494696	743041.573	1056845.401	86.04875	80.000	743058.965	1056767.314				
6	kružnice	14.026	.000	.000	.00000	.000	743048.436	1056846.930		7.031	.308	11.16167
21	KP	.508722	743055.461	1056847.238	97.21043	80.000	743058.965	1056767.314				
6	klotoida	30.000	743085.315	1056844.808	109.14705	-48.990	743065.485	1056847.677		10.034	20.037	11.93662
22	PT	.538722	743085.315	1056844.808	109.14705	.000	.000	.000				

0	tečna	63.297	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
23	TP	.602019	743147.960	1056835.745	109.14705	.000	.000	.000			
7	klotoida	30.000	743147.960	1056835.745	109.14705	71.414	743167.762	1056832.880	20.008	10.007	-5.61723
24	PK	.632019	743177.754	1056832.325	103.52981	-170.000	743187.175	1057002.064			
7	kružnice	14.877	.000	.000	.00000	.000	743185.186	1056831.913	7.443	-.163	-5.57115
25	KP	.646896	743192.625	1056832.151	97.95867	-170.000	743187.175	1057002.064			
7	klotoida	30.000	743222.491	1056834.873	92.34143	-71.414	743202.627	1056832.472	10.007	20.008	-5.61723
26	PT	.676896	743222.491	1056834.873	92.34143	.000	.000	.000			
0	tečna	30.919	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
27	TP	.707815	743253.186	1056838.584	92.34143	.000	.000	.000			
8	klotoida	40.000	743253.186	1056838.584	92.34143	48.990	743279.816	1056841.803	26.824	13.476	-21.22066
28	PK	.747815	743291.929	1056847.709	71.12078	-60.000	743265.635	1056901.640			
8	kružnice	3.105	.000	.000	.00000	.000	743293.324	1056848.389	1.553	-.020	-3.29420
29	KT	.750920	743294.683	1056849.141	67.82658	.000	.000	.000			
0	tečna	19.582	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
30	TP	.770501	743311.817	1056858.621	67.82658	.000	.000	.000			
9	klotoida	20.000	743311.817	1056858.621	67.82658	37.417	743323.496	1056865.083	13.348	6.680	9.09457
31	PK	.790501	743329.741	1056867.452	76.92115	70.000	743354.566	1056802.002			
9	kružnice	16.339	.000	.000	.00000	.000	743337.415	1056870.363	8.207	.479	14.85922
32	KP	.806840	743345.553	1056871.419	91.78037	70.000	743354.566	1056802.002			
9	klotoida	30.000	743375.489	1056871.007	105.42222	-45.826	743355.513	1056872.712	10.044	20.048	13.64185
33	PT	.836840	743375.489	1056871.007	105.42222	.000	.000	.000			
0	tečna	33.363	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
34	TK	.870203	743408.731	1056868.169	105.42222	-400.000	743442.758	1057266.719			
10	kružnice	40.484	.000	.000	.00000	.000	743428.916	1056866.445	20.259	-.513	-6.44319
35	KT	.910686	743449.173	1056866.770	98.97902	.000	.000	.000			
0	tečna	238.355	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
36	TK	1.149041	743687.497	1056870.593	98.97902	210.000	743690.865	1056660.620			
11	kružnice	30.639	.000	.000	.00000	.000	743702.842	1056870.839	15.347	.560	9.28826
37	KT	1.179680	743718.059	1056868.851	108.26728	.000	.000	.000			
0	tečna	32.355	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
38	TK	1.212034	743750.141	1056864.662	108.26728	-150.000	743769.566	1057013.399			
12	kružnice	30.476	.000	.000	.00000	.000	743765.303	1056862.681	15.291	-.777	-12.93455
39	KP	1.242511	743780.553	1056863.801	95.33273	-150.000	743769.566	1057013.399			
12	klotoida	45.000	743824.835	1056871.554	85.78343	-82.158	743795.545	1056864.903	15.032	30.035	-9.54930
40	PT	1.287511	743824.835	1056871.554	85.78343	.000	.000	.000			
0	tečna	14.671	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
41	TP	1.302181	743839.141	1056874.803	85.78343	.000	.000	.000			
13	klotoida	20.000	743839.141	1056874.803	85.78343	35.214	743852.161	1056877.760	13.352	6.683	10.26806
42	PK	1.322181	743858.831	1056878.174	96.05149	62.000	743862.674	1056816.294			
13	kružnice	31.933	.000	.000	.00000	.000	743875.129	1056879.186	16.329	2.114	32.78891
43	KP	1.354114	743889.811	1056872.039	128.84041	62.000	743862.674	1056816.294			
13	klotoida	10.000	743898.551	1056867.187	133.97444	-24.900	743892.810	1056870.580	3.335	6.669	5.13403
44	PT	1.364114	743898.551	1056867.187	133.97444	.000	.000	.000			
0	tečna	16.467	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
45	TK	1.380581	743912.728	1056858.811	133.97444	85.000	743869.489	1056785.630			
14	kružnice	3.866	.000	.000	.00000	.000	743914.393	1056857.827	1.934	.022	2.89586
46	KP	1.384447	743916.011	1056856.769	136.87029	85.000	743869.489	1056785.630			
14	klotoida	41.000	743946.211	1056829.195	152.22406	-59.034	743927.513	1056849.247	13.743	27.417	15.35377
47	PT	1.425447	743946.211	1056829.195	152.22406	.000	.000	.000			
0	tečna	36.626	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
48	TP	1.462074	743971.189	1056802.407	152.22406	.000	.000	.000			
15	klotoida	20.000	743971.189	1056802.407	152.22406	46.904	743980.286	1056792.652	13.339	6.672	-5.78745
49	PK	1.482074	743985.260	1056788.205	146.43661	-110.000	744058.569	1056870.217			
15	kružnice	82.280	.000	.000	.00000	.000	744017.447	1056759.434	43.172	-8.169	-47.61917
50	KP	1.564354	744060.612	1056760.235	98.81745	-110.000	744058.569	1056870.217			
15	klotoida	33.000	744093.347	1056764.136	89.26815	-60.249	744071.634	1056760.440	11.024	22.026	-9.54930
51	PT	1.597354	744093.347	1056764.136	89.26815	.000	.000	.000			
0	tečna	4.885	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
52	TP	1.602238	744098.163	1056764.955	89.26815	.000	.000	.000			
16	klotoida	20.000	744098.163	1056764.955	89.26815	24.900	744111.380	1056767.205	13.407	6.733	20.53612
53	PK	1.622238	744118.033	1056766.172	109.80427	31.000	744113.278	1056735.539			
16	kružnice	14.136	.000	.000	.00000	.000	744125.141	1056765.068	7.193	.824	29.02924
54	KP	1.636374	744131.037	1056760.948	138.83351	31.000	744113.278	1056735.539			
16	klotoida	34.000	744149.833	1056733.160	173.74492	-32.465	744140.601	1056754.263	11.668	23.034	34.91141
55	PT	1.670374	744149.833	1056733.160	173.74492	.000	.000	.000			
0	tečna	62.225	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
56	TP	1.732599	744174.775	1056676.152	173.74492	.000	.000	.000			
17	klotoida	30.000	744174.775	1056676.152	173.74492	39.497	744182.826	1056657.749	20.088	10.080	-18.36403

57 PK	1.762599	744189.327	1056650.045	155.38089	-52.000	744229.069	1056683.579			
17 kružnice	28.092	.000	.000	.00000	.000	744198.612	1056639.041	14.398	-1.956	-34.39183
58 KP	1.790691	744212.234	1056634.380	120.98906	-52.000	744229.069	1056683.579			
17 klotoida	45.000	744256.823	1056632.550	93.44301	-48.374	744226.684	1056629.435	15.273	30.300	-27.54605
59 PT	1.835691	744256.823	1056632.550	93.44301	.000	.000	.000			
0 tečna	21.838	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
60 TK	1.857529	744278.545	1056634.795	93.44301	-450.000	744232.278	1057082.411			
18 kružnice	64.695	.000	.000	.00000	.000	744310.777	1056638.127	32.403	-1.165	-9.15242
61 KT	1.922224	744342.198	1056646.042	84.29059	.000	.000	.000			
0 tečna	18.568	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
62 TK	1.940791	744360.203	1056650.577	84.29059	350.000	744445.697	1056311.180			
19 kružnice	61.550	.000	.000	.00000	.000	744390.123	1056658.114	30.854	1.357	11.19539
63 KT	2.002341	744420.900	1056660.300	95.48597	.000	.000	.000			
0 tečna	19.605	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
64 TP	2.021946	744440.456	1056661.689	95.48597	.000	.000	.000			
20 klotoida	30.000	744440.456	1056661.689	95.48597	116.190	744460.407	1056663.106	20.001	10.001	2.12207
65 PK	2.051946	744470.401	1056663.482	97.60804	450.000	744487.304	1056213.799			
20 kružnice	63.283	.000	.000	.00000	.000	744502.072	1056664.672	31.694	1.115	8.95269
66 KP	2.115229	744533.597	1056661.412	106.56073	450.000	744487.304	1056213.799			
20 klotoida	60.000	744592.934	1056652.596	110.80486	-164.317	744553.500	1056659.353	20.008	40.009	4.24413
67 PT	2.175229	744592.934	1056652.596	110.80486	.000	.000	.000			
0 tečna	.447	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
68 TP	2.175676	744593.375	1056652.520	110.80486	.000	.000	.000			
21 klotoida	30.000	744593.375	1056652.520	110.80486	91.652	744613.090	1056649.141	20.003	10.003	-3.41046
69 PK	2.205676	744623.026	1056647.982	107.39440	-280.000	744655.475	1056926.096			
21 kružnice	48.304	.000	.000	.00000	.000	744647.075	1056645.176	24.212	-1.045	-10.98262
70 KP	2.253980	744671.248	1056646.540	96.41177	-280.000	744655.475	1056926.096			
21 klotoida	20.000	744691.183	1056648.142	94.13813	-74.833	744677.905	1056646.916	6.667	13.334	-2.27364
71 PT	2.273980	744691.183	1056648.142	94.13813	.000	.000	.000			
0 tečna	47.115	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
72 TP	2.321095	744738.098	1056652.474	94.13813	.000	.000	.000			
22 klotoida	40.000	744738.098	1056652.474	94.13813	97.980	744764.661	1056654.927	26.676	13.342	5.30516
73 PK	2.361095	744778.003	1056655.043	99.44330	240.000	744780.102	1056415.053			
22 kružnice	74.271	.000	.000	.00000	.000	744815.436	1056655.371	37.435	2.902	19.70101
74 KP	2.435366	744851.191	1056644.282	119.14430	240.000	744780.102	1056415.053			
22 klotoida	30.000	744879.445	1056634.212	123.12318	-84.853	744860.746	1056641.319	10.004	20.004	3.97887
75 PT	2.465366	744879.445	1056634.212	123.12318	.000	.000	.000			
0 tečna	111.464	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
76 TK	2.576830	744983.637	1056594.611	123.12318	140.000	744933.897	1056463.745			
23 kružnice	47.942	.000	.000	.00000	.000	745006.266	1056586.010	24.208	2.078	21.80060
77 KP	2.624772	745024.692	1056570.310	144.92378	140.000	744933.897	1056463.745			
23 klotoida	20.000	745039.278	1056556.633	149.47107	-52.915	745029.769	1056565.984	6.670	13.337	4.54728
78 PT	2.644772	745039.278	1056556.633	149.47107	.000	.000	.000			
0 tečna	20.684	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
79 TP	2.665456	745054.025	1056542.129	149.47107	.000	.000	.000			
24 klotoida	78.000	745054.025	1056542.129	149.47107	100.698	745091.275	1056505.492	52.247	26.225	19.09859
80 PK	2.743456	745103.703	1056482.399	168.56966	130.000	744989.227	1056420.793			
24 kružnice	3.465	.000	.000	.00000	.000	745104.524	1056480.874	1.732	.012	1.69672
81 KP	2.746921	745105.304	1056479.327	170.26638	130.000	744989.227	1056420.793			
24 klotoida	40.000	745119.548	1056441.994	180.06053	-72.111	745111.321	1056467.394	13.363	26.700	9.79415
82 PT	2.786921	745119.548	1056441.994	180.06053	.000	.000	.000			
0 tečna	1.415	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
83 TP	2.788335	745119.983	1056440.648	180.06053	.000	.000	.000			
25 klotoida	24.000	745119.983	1056440.648	180.06053	40.988	745124.921	1056425.403	16.025	8.022	-10.91348
84 PK	2.812335	745128.658	1056418.304	169.14705	-70.000	745190.597	1056450.916			
25 kružnice	42.583	.000	.000	.00000	.000	745138.895	1056398.861	21.973	-3.368	-38.72735
85 KP	2.854918	745158.408	1056388.757	130.41970	-70.000	745190.597	1056450.916			
25 klotoida	24.000	745180.810	1056380.234	119.50621	-40.988	745165.532	1056385.068	8.022	16.025	-10.91348
86 PT	2.878918	745180.810	1056380.234	119.50621	.000	.000	.000			
0 tečna	162.240	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
87 TK	3.041158	745335.493	1056331.297	119.50621	127.000	745297.186	1056210.212			
26 kružnice	77.084	.000	.000	.00000	.000	745373.412	1056319.301	39.771	6.082	38.64031
88 KT	3.118242	745397.715	1056287.820	158.14652	.000	.000	.000			
0 tečna	103.025	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
89 TK	3.221267	745460.672	1056206.270	158.14652	170.000	745326.106	1056102.385			
27 kružnice	60.783	.000	.000	.00000	.000	745479.444	1056181.953	30.720	2.753	22.76226
90 KT	3.282050	745488.519	1056152.605	180.90879	.000	.000	.000			
0 tečna	25.133	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
91 TP	3.307183	745495.944	1056128.594	180.90879	.000	.000	.000			
28 klotoida	30.000	745495.944	1056128.594	180.90879	51.962	745501.860	1056109.458	20.029	10.027	-10.61033

92 PK	3.337183	745506.370	1056100.503	170.29846	-90.000	745586.752	1056140.986			
28 kružnice	49.013	.000	.000	.00000	.000	745517.674	1056078.059	25.131	-3.443	-34.66940
93 KP	3.386195	745538.971	1056064.717	135.62906	-90.000	745586.752	1056140.986			
28 klotoida	30.000	745565.970	1056051.724	125.01873	-51.962	745547.468	1056059.394	10.027	20.029	-10.61033
94 PT	3.416195	745565.970	1056051.724	125.01873	.000	.000	.000			
0 tečna	19.285	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
95 TP	3.435481	745583.785	1056044.338	125.01873	.000	.000	.000			
29 klotoida	30.000	745583.785	1056044.338	125.01873	96.437	745602.263	1056036.678	20.002	10.002	3.08042
96 PK	3.465481	745611.306	1056032.405	128.09915	310.000	745478.878	1055752.115			
29 kružnice	57.709	.000	.000	.00000	.000	745637.471	1056020.043	28.938	1.348	11.85118
97 KT	3.523190	745660.896	1056003.052	139.95033	.000	.000	.000			
0 tečna	156.132	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
98 TK	3.679322	745787.281	1055911.379	139.95033	160.000	745693.336	1055781.863			
30 kružnice	41.699	.000	.000	.00000	.000	745804.254	1055899.067	20.969	1.368	16.59166
99 KP	3.721021	745817.482	1055882.797	156.54199	160.000	745693.336	1055781.863			
30 klotoida	40.000	745840.029	1055849.791	164.49974	-80.000	745825.906	1055872.436	13.353	26.689	7.95775
100 PT	3.761021	745840.029	1055849.791	164.49974	.000	.000	.000			
0 tečna	82.658	.000	.000	.00000	.000	.000	.000	.000	.000	.00000
101 TO	3.843679	745883.770	1055779.655	164.49974	.000	.000	.000			

Údaje o podrobných bodech trasy						
WB	STA	Y	X	sig	R	
** OT	.000000	742569.412	1056850.818	100.98127	.000	
**	.001000	742570.411	1056850.803	100.98127	.000	
**	.002000	742571.411	1056850.787	100.98127	.000	
**	.003000	742572.411	1056850.772	100.98127	.000	
**	.004000	742573.411	1056850.756	100.98127	.000	
**	.005000	742574.411	1056850.741	100.98127	.000	
**	.006000	742575.411	1056850.726	100.98127	.000	
**	.007000	742576.411	1056850.710	100.98127	.000	
**	.008000	742577.411	1056850.695	100.98127	.000	
**	.009000	742578.410	1056850.679	100.98127	.000	
**	.010000	742579.410	1056850.664	100.98127	.000	
**	.011000	742580.410	1056850.648	100.98127	.000	
**	.012000	742581.410	1056850.633	100.98127	.000	
**	.013000	742582.410	1056850.618	100.98127	.000	
**	.014000	742583.410	1056850.602	100.98127	.000	
**	.015000	742584.410	1056850.587	100.98127	.000	
**	.016000	742585.410	1056850.571	100.98127	.000	
**	.017000	742586.409	1056850.556	100.98127	.000	
**	.018000	742587.409	1056850.541	100.98127	.000	
**	.019000	742588.409	1056850.525	100.98127	.000	
** TK	.019603	742589.012	1056850.516	100.98127	-600.000	
**	.020000	742589.409	1056850.510	100.93913	-600.000	
**	.021000	742590.409	1056850.496	100.83303	-600.000	
**	.022000	742591.409	1056850.484	100.72692	-600.000	
**	.023000	742592.409	1056850.473	100.62082	-600.000	
**	.024000	742593.409	1056850.464	100.51472	-600.000	
**	.025000	742594.409	1056850.457	100.40861	-600.000	
**	.026000	742595.409	1056850.451	100.30251	-600.000	
**	.027000	742596.409	1056850.447	100.19641	-600.000	
**	.028000	742597.409	1056850.445	100.09030	-600.000	
**	.029000	742598.409	1056850.445	99.98420	-600.000	
**	.030000	742599.409	1056850.446	99.87810	-600.000	
**	.031000	742600.409	1056850.448	99.77199	-600.000	
**	.032000	742601.409	1056850.453	99.66589	-600.000	
**	.033000	742602.409	1056850.459	99.55979	-600.000	
**	.034000	742603.409	1056850.467	99.45368	-600.000	
**	.035000	742604.409	1056850.476	99.34758	-600.000	
**	.036000	742605.409	1056850.487	99.24148	-600.000	
**	.037000	742606.409	1056850.500	99.13537	-600.000	
**	.038000	742607.408	1056850.514	99.02927	-600.000	
**	.039000	742608.408	1056850.530	98.92317	-600.000	
** KT	.039691	742609.099	1056850.543	98.84985	-600.000	
**	.040000	742609.408	1056850.548	98.84982	.000	
**	.041000	742610.408	1056850.566	98.84982	.000	
**	.042000	742611.408	1056850.584	98.84982	.000	
**	.043000	742612.408	1056850.602	98.84982	.000	
**	.044000	742613.408	1056850.620	98.84982	.000	
**	.045000	742614.407	1056850.638	98.84982	.000	
**	.046000	742615.407	1056850.656	98.84982	.000	
**	.047000	742616.407	1056850.675	98.84982	.000	
**	.048000	742617.407	1056850.693	98.84982	.000	
**	.049000	742618.407	1056850.711	98.84982	.000	
**	.050000	742619.407	1056850.729	98.84982	.000	
**	.051000	742620.406	1056850.747	98.84982	.000	
**	.052000	742621.406	1056850.765	98.84982	.000	
**	.053000	742622.406	1056850.783	98.84982	.000	
**	.054000	742623.406	1056850.801	98.84982	.000	
**	.055000	742624.406	1056850.819	98.84982	.000	
**	.056000	742625.406	1056850.837	98.84982	.000	
**	.057000	742626.405	1056850.855	98.84982	.000	
**	.058000	742627.405	1056850.873	98.84982	.000	
**	.059000	742628.405	1056850.891	98.84982	.000	
**	.060000	742629.405	1056850.909	98.84982	.000	
**	.061000	742630.405	1056850.927	98.84982	.000	
**	.062000	742631.405	1056850.946	98.84982	.000	
**	.063000	742632.404	1056850.964	98.84982	.000	
**	.064000	742633.404	1056850.982	98.84982	.000	
**	.065000	742634.404	1056851.000	98.84982	.000	
**	.066000	742635.404	1056851.018	98.84982	.000	

**		.067000	742636.404	1056851.036	98.84982	.000
**		.068000	742637.404	1056851.054	98.84982	.000
**		.069000	742638.403	1056851.072	98.84982	.000
**		.070000	742639.403	1056851.090	98.84982	.000
**		.071000	742640.403	1056851.108	98.84982	.000
**		.072000	742641.403	1056851.126	98.84982	.000
**		.073000	742642.403	1056851.144	98.84982	.000
**		.074000	742643.403	1056851.162	98.84982	.000
**	TP	.074438	742643.840	1056851.170	98.84982	.000
**		.075000	742644.402	1056851.180	98.84814	-10670.692
**		.076000	742645.402	1056851.199	98.83687	-3840.522
**		.077000	742646.402	1056851.217	98.81499	-2341.657
**		.078000	742647.402	1056851.236	98.78250	-1684.311
**		.079000	742648.402	1056851.255	98.73939	-1315.130
**		.080000	742649.402	1056851.276	98.68568	-1078.693
**		.081000	742650.401	1056851.297	98.62136	-914.315
**		.082000	742651.401	1056851.319	98.54642	-793.411
**		.083000	742652.401	1056851.342	98.46088	-700.747
**		.084000	742653.400	1056851.367	98.36473	-627.465
**		.085000	742654.400	1056851.394	98.25796	-568.059
**		.086000	742655.400	1056851.422	98.14059	-518.928
**		.087000	742656.399	1056851.452	98.01260	-477.620
**		.088000	742657.399	1056851.485	97.87401	-442.403
**		.089000	742658.398	1056851.519	97.72480	-412.023
**		.090000	742659.397	1056851.556	97.56499	-385.547
**		.091000	742660.397	1056851.596	97.39456	-362.269
**		.092000	742661.396	1056851.638	97.21352	-341.641
**		.093000	742662.395	1056851.683	97.02188	-323.236
**		.094000	742663.394	1056851.732	96.81962	-306.713
**		.095000	742664.392	1056851.783	96.60675	-291.796
**		.096000	742665.391	1056851.838	96.38327	-278.264
**		.097000	742666.389	1056851.897	96.14919	-265.930
**		.098000	742667.387	1056851.959	95.90449	-254.644
**		.099000	742668.385	1056852.025	95.64918	-244.277
**		.100000	742669.382	1056852.096	95.38326	-234.721
**		.101000	742670.380	1056852.170	95.10673	-225.884
**		.102000	742671.376	1056852.249	94.81959	-217.689
**		.103000	742672.373	1056852.333	94.52184	-210.067
**		.104000	742673.369	1056852.421	94.21348	-202.961
**	PK	.104438	742673.805	1056852.461	94.07517	-200.000
**		.105000	742674.365	1056852.515	93.89619	-200.000
**		.106000	742675.360	1056852.613	93.57788	-200.000
**	KP	.107000	742676.355	1056852.716	93.25957	-200.000
**		.107219	742676.572	1056852.739	93.18986	-200.000
**		.108000	742677.349	1056852.824	92.94449	-205.344
**		.109000	742678.342	1056852.937	92.63977	-212.620
**		.110000	742679.335	1056853.055	92.34566	-220.432
**		.111000	742680.328	1056853.177	92.06216	-228.839
**		.112000	742681.320	1056853.303	91.78927	-237.913
**		.113000	742682.311	1056853.434	91.52699	-247.736
**		.114000	742683.302	1056853.569	91.27532	-258.406
**		.115000	742684.292	1056853.707	91.03426	-270.035
**		.116000	742685.282	1056853.849	90.80381	-282.761
**		.117000	742686.272	1056853.995	90.58397	-296.746
**		.118000	742687.260	1056854.144	90.37474	-312.186
**		.119000	742688.249	1056854.296	90.17612	-329.321
**		.120000	742689.237	1056854.451	89.98812	-348.446
**		.121000	742690.224	1056854.609	89.81072	-369.929
**		.122000	742691.211	1056854.770	89.64393	-394.236
**		.123000	742692.198	1056854.933	89.48775	-421.961
**		.124000	742693.184	1056855.099	89.34219	-453.881
**		.125000	742694.170	1056855.267	89.20723	-491.026
**		.126000	742695.155	1056855.436	89.08289	-534.792
**		.127000	742696.140	1056855.608	88.96915	-587.124
**		.128000	742697.125	1056855.781	88.86603	-650.808
**		.129000	742698.110	1056855.956	88.77351	-729.988
**		.130000	742699.094	1056856.132	88.69161	-831.104
**		.131000	742700.079	1056856.309	88.62031	-964.737
**		.132000	742701.063	1056856.487	88.55963	-1149.577
**		.133000	742702.046	1056856.667	88.50956	-1422.032
**		.134000	742703.030	1056856.846	88.47009	-1863.752
**		.135000	742704.014	1056857.027	88.44124	-2703.539
**		.136000	742704.997	1056857.207	88.42300	-4920.803
**	PT	.137000	742705.981	1056857.388	88.41536	-27358.122
**		.137219	742706.196	1056857.428	88.41511	.000
**		.138000	742706.964	1056857.569	88.41511	.000
**		.139000	742707.948	1056857.750	88.41511	.000
**		.140000	742708.931	1056857.931	88.41511	.000
**		.141000	742709.915	1056858.112	88.41511	.000
**		.142000	742710.898	1056858.293	88.41511	.000
**		.143000	742711.882	1056858.474	88.41511	.000
**		.144000	742712.865	1056858.655	88.41511	.000
**		.145000	742713.849	1056858.836	88.41511	.000
**		.146000	742714.832	1056859.017	88.41511	.000
**		.147000	742715.816	1056859.198	88.41511	.000
**		.148000	742716.799	1056859.379	88.41511	.000
**		.149000	742717.783	1056859.560	88.41511	.000
**		.150000	742718.766	1056859.741	88.41511	.000
**		.151000	742719.749	1056859.922	88.41511	.000
**		.152000	742720.733	1056860.103	88.41511	.000
**		.153000	742721.716	1056860.284	88.41511	.000
**		.154000	742722.700	1056860.465	88.41511	.000
**		.155000	742723.683	1056860.646	88.41511	.000
**		.156000	742724.667	1056860.827	88.41511	.000
**		.157000	742725.650	1056861.008	88.41511	.000
**		.158000	742726.634	1056861.189	88.41511	.000
**	TP	.158080	742726.713	1056861.203	88.41511	.000
**		.159000	742727.617	1056861.370	88.42109	4893.554
**		.160000	742728.601	1056861.550	88.44117	2344.266
**		.161000	742729.585	1056861.731	88.47540	1541.319
**		.162000	742730.568	1056861.910	88.52378	1148.083
**		.163000	742731.552	1056862.089	88.58631	914.713
**		.164000	742732.536	1056862.267	88.66298	760.189
**		.165000	742733.521	1056862.444	88.75380	650.329

**	.166000	742734.505	1056862.618	88.85876	568.212
**	.167000	742735.490	1056862.792	88.97787	504.508
**	.168000	742736.475	1056862.963	89.11113	453.648
**	.169000	742737.461	1056863.132	89.25854	412.104
**	.170000	742738.447	1056863.299	89.42009	377.530
**	.171000	742739.433	1056863.463	89.59579	348.309
**	.172000	742740.420	1056863.624	89.78564	323.286
**	.173000	742741.408	1056863.782	89.98964	301.617
**	.174000	742742.396	1056863.937	90.20778	282.671
**	.175000	742743.384	1056864.089	90.44007	265.964
**	.176000	742744.373	1056864.236	90.68651	251.122
**	.177000	742745.363	1056864.380	90.94709	237.849
**	.178000	742746.353	1056864.520	91.22182	225.908
**	.179000	742747.344	1056864.655	91.51070	215.110
**	.180000	742748.335	1056864.785	91.81372	205.296
**	.181000	742749.327	1056864.911	92.13090	196.339
**	.182000	742750.320	1056865.032	92.46222	188.130
**	.183000	742751.313	1056865.147	92.80768	180.581
**	.184000	742752.307	1056865.257	93.16730	173.614
**	.185000	742753.302	1056865.362	93.54106	167.165
**	.186000	742754.297	1056865.460	93.92896	161.177
**	.187000	742755.293	1056865.552	94.33102	155.604
**	.188000	742756.289	1056865.638	94.74722	150.403
PK	.188080	742756.369	1056865.644	94.78113	150.002
**	.189000	742757.286	1056865.717	95.17159	150.000
**	.190000	742758.283	1056865.789	95.59600	150.000
**	.191000	742759.281	1056865.855	96.02041	150.000
**	.192000	742760.279	1056865.914	96.44483	150.000
**	.193000	742761.278	1056865.967	96.86924	150.000
**	.194000	742762.277	1056866.012	97.29365	150.000
**	.195000	742763.276	1056866.052	97.71807	150.000
**	.196000	742764.275	1056866.084	98.14248	150.000
**	.197000	742765.275	1056866.110	98.56689	150.000
**	.198000	742766.275	1056866.129	98.99131	150.000
**	.199000	742767.275	1056866.142	99.41572	150.000
**	.200000	742768.275	1056866.148	99.84013	150.000
**	.201000	742769.275	1056866.147	100.26455	150.000
**	.202000	742770.275	1056866.139	100.68896	150.000
**	.203000	742771.275	1056866.125	101.11337	150.000
KP	.203339	742771.614	1056866.119	101.25725	150.000
**	.204000	742772.274	1056866.104	101.53470	153.379
**	.205000	742773.274	1056866.077	101.94268	158.792
**	.206000	742774.274	1056866.043	102.33653	164.600
**	.207000	742775.273	1056866.004	102.71622	170.849
**	.208000	742776.272	1056865.958	103.08177	177.592
**	.209000	742777.270	1056865.907	103.43317	184.888
**	.210000	742778.269	1056865.850	103.77042	192.810
**	.211000	742779.267	1056865.789	104.09353	201.441
**	.212000	742780.265	1056865.722	104.40249	210.881
**	.213000	742781.262	1056865.650	104.69730	221.249
**	.214000	742782.259	1056865.575	104.97797	232.690
**	.215000	742783.256	1056865.494	105.24448	245.378
**	.216000	742784.252	1056865.410	105.49685	259.530
**	.217000	742785.249	1056865.322	105.73508	275.414
**	.218000	742786.244	1056865.230	105.95916	293.369
**	.219000	742787.240	1056865.135	106.16908	313.828
**	.220000	742788.235	1056865.037	106.36487	337.355
**	.221000	742789.230	1056864.935	106.54650	364.696
**	.222000	742790.224	1056864.832	106.71399	396.859
**	.223000	742791.219	1056864.725	106.86733	435.243
**	.224000	742792.213	1056864.616	107.00653	481.848
**	.225000	742793.207	1056864.505	107.13157	539.630
**	.226000	742794.200	1056864.393	107.24247	613.159
**	.227000	742795.194	1056864.278	107.33923	709.886
**	.228000	742796.187	1056864.163	107.42183	842.847
**	.229000	742797.180	1056864.046	107.49029	1037.094
**	.230000	742798.173	1056863.928	107.54460	1347.691
**	.231000	742799.166	1056863.810	107.58477	1923.862
**	.232000	742800.159	1056863.690	107.61078	3360.603
**	.233000	742801.152	1056863.571	107.62265	13272.552
PT	.233339	742801.488	1056863.531	107.62347	.000
**	.234000	742802.145	1056863.452	107.62347	.000
**	.235000	742803.137	1056863.332	107.62347	.000
**	.236000	742804.130	1056863.213	107.62347	.000
**	.237000	742805.123	1056863.093	107.62347	.000
TP	.237904	742806.021	1056862.985	107.62347	.000
**	.238000	742806.116	1056862.974	107.62359	25128.433
**	.239000	742807.109	1056862.854	107.63938	2190.762
**	.240000	742808.102	1056862.734	107.68170	1145.306
**	.241000	742809.094	1056862.613	107.75055	775.317
**	.242000	742810.087	1056862.491	107.84593	586.008
**	.243000	742811.079	1056862.367	107.96783	471.003
**	.244000	742812.071	1056862.241	108.11625	393.732
**	.245000	742813.063	1056862.113	108.29120	338.242
**	.246000	742814.054	1056861.981	108.49268	296.461
**	.247000	742815.045	1056861.847	108.72068	263.866
**	.248000	742816.035	1056861.708	108.97521	237.729
**	.249000	742817.025	1056861.566	109.25627	216.304
**	.250000	742818.014	1056861.418	109.56385	198.421
**	.251000	742819.003	1056861.266	109.89795	183.269
**	.252000	742819.990	1056861.108	110.25859	170.267
**	.253000	742820.977	1056860.945	110.64574	158.988
**	.254000	742821.962	1056860.775	111.05943	149.110
**	.255000	742822.947	1056860.599	111.49964	140.388
**	.256000	742823.930	1056860.416	111.96637	132.630
**	.257000	742824.911	1056860.225	112.45963	125.684
**	.258000	742825.891	1056860.027	112.97942	119.430
**	.259000	742826.870	1056859.820	113.52573	113.768
**	.260000	742827.846	1056859.605	114.09857	108.619
**	.261000	742828.821	1056859.381	114.69794	103.916
**	.262000	742829.793	1056859.147	115.32383	99.604
**	.263000	742830.763	1056858.904	115.97624	95.635
**	.264000	742831.731	1056858.651	116.65518	91.970
**	.265000	742832.695	1056858.387	117.36065	88.576

**		.266000	742833.657	1056858.112	118.09265	85.423
**		.267000	742834.615	1056857.826	118.85117	82.487
**		.268000	742835.569	1056857.528	119.63621	79.746
**		.269000	742836.520	1056857.218	120.44778	77.182
**		.270000	742837.467	1056856.896	121.28588	74.777
**		.271000	742838.409	1056856.562	122.15050	72.517
**		.272000	742839.347	1056856.214	123.04165	70.391
**		.273000	742840.280	1056855.854	123.95932	68.385
**		.274000	742841.207	1056855.479	124.90352	66.490
**		.275000	742842.128	1056855.091	125.87425	64.698
**		.276000	742843.044	1056854.689	126.87150	63.000
**		.277000	742843.953	1056854.272	127.89528	61.388
PK		.277904	742844.769	1056853.882	128.84360	60.001
**		.278000	742844.855	1056853.840	128.94546	60.000
**		.279000	742845.750	1056853.393	130.00650	60.000
**		.280000	742846.637	1056852.932	131.06753	60.000
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**		.282000	742848.387	1056851.965	133.18959	60.000
**		.283000	742849.250	1056851.459	134.25063	60.000
**		.284000	742850.105	1056850.940	135.31166	60.000
**		.285000	742850.950	1056850.406	136.37269	60.000
**		.286000	742851.787	1056849.858	137.43373	60.000
**		.287000	742852.614	1056849.297	138.49476	60.000
**		.288000	742853.432	1056848.722	139.55579	60.000
**		.289000	742854.240	1056848.133	140.61683	60.000
**		.290000	742855.039	1056847.530	141.67786	60.000
**		.291000	742855.827	1056846.915	142.73889	60.000
KT		.291556	742856.260	1056846.567	143.32841	.000
**		.292000	742856.606	1056846.288	143.32841	.000
**		.293000	742857.383	1056845.658	143.32841	.000
**		.294000	742858.160	1056845.029	143.32841	.000
**		.295000	742858.937	1056844.400	143.32841	.000
**		.296000	742859.714	1056843.771	143.32841	.000
**		.297000	742860.492	1056843.141	143.32841	.000
**		.298000	742861.269	1056842.512	143.32841	.000
**		.299000	742862.046	1056841.883	143.32841	.000
**		.300000	742862.823	1056841.254	143.32841	.000
**		.301000	742863.600	1056840.624	143.32841	.000
**		.302000	742864.378	1056839.995	143.32841	.000
**		.303000	742865.155	1056839.366	143.32841	.000
**		.304000	742865.932	1056838.737	143.32841	.000
**		.305000	742866.709	1056838.107	143.32841	.000
**		.306000	742867.486	1056837.478	143.32841	.000
**		.307000	742868.264	1056836.849	143.32841	.000
**		.308000	742869.041	1056836.219	143.32841	.000
**		.309000	742869.818	1056835.590	143.32841	.000
**		.310000	742870.595	1056834.961	143.32841	.000
**		.311000	742871.372	1056834.332	143.32841	.000
**		.312000	742872.150	1056833.702	143.32841	.000
**		.313000	742872.927	1056833.073	143.32841	.000
**		.314000	742873.704	1056832.444	143.32841	.000
TP		.314559	742874.138	1056832.092	143.32841	.000
**		.315000	742874.481	1056831.815	143.32560	-4986.678
**		.316000	742875.258	1056831.186	143.29836	-1526.532
**		.317000	742876.036	1056830.557	143.24219	-901.205
**		.318000	742876.815	1056829.929	143.15708	-639.316
**		.319000	742877.594	1056829.303	143.04303	-495.364
**		.320000	742878.375	1056828.678	142.90005	-404.324
**		.321000	742879.157	1056828.055	142.72813	-341.553
**		.322000	742879.941	1056827.434	142.52727	-295.652
**		.323000	742880.727	1056826.816	142.29747	-260.627
**		.324000	742881.516	1056826.201	142.03874	-233.022
**		.325000	742882.307	1056825.589	141.75107	-210.704
**		.326000	742883.101	1056824.982	141.43446	-192.288
**		.327000	742883.898	1056824.378	141.08892	-176.832
**		.328000	742884.699	1056823.779	140.71443	-163.676
**		.329000	742885.503	1056823.184	140.31101	-152.342
**		.330000	742886.311	1056822.595	139.87866	-142.476
**		.331000	742887.123	1056822.012	139.41736	-133.810
**		.332000	742887.940	1056821.435	138.92713	-126.138
**		.333000	742888.761	1056820.864	138.40796	-119.298
**		.334000	742889.587	1056820.300	137.85986	-113.162
**		.335000	742890.418	1056819.744	137.28281	-107.626
**		.336000	742891.254	1056819.195	136.67683	-102.606
**		.337000	742892.095	1056818.654	136.04192	-98.034
**		.338000	742892.942	1056818.122	135.37806	-93.852
**		.339000	742893.794	1056817.599	134.68527	-90.012
**		.340000	742894.652	1056817.086	133.96354	-86.474
**		.341000	742895.516	1056816.582	133.21287	-83.204
**		.342000	742896.386	1056816.089	132.43327	-80.171
**		.343000	742897.262	1056815.607	131.62473	-77.353
**		.344000	742898.144	1056815.136	130.78725	-74.725
**		.345000	742899.033	1056814.677	129.92083	-72.271
**		.346000	742899.927	1056814.231	129.02548	-69.972
**		.347000	742900.828	1056813.797	128.10119	-67.815
**		.348000	742901.736	1056813.376	127.14796	-65.787
**		.349000	742902.649	1056812.970	126.16580	-63.877
**		.350000	742903.569	1056812.577	125.15470	-62.075
**		.351000	742904.495	1056812.200	124.11466	-60.371
**		.352000	742905.427	1056811.838	123.04568	-58.759
**		.353000	742906.366	1056811.492	121.94777	-57.230
**		.354000	742907.310	1056811.162	120.82092	-55.779
PK		.354559	742907.840	1056810.985	120.17860	-55.000
**		.355000	742908.259	1056810.850	119.66794	-55.000
**		.356000	742909.215	1056810.554	118.51045	-55.000
**		.357000	742910.175	1056810.276	117.35296	-55.000
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**		.360000	742913.085	1056809.548	113.88049	-55.000
**		.361000	742914.063	1056809.340	112.72300	-55.000
**		.362000	742915.045	1056809.151	111.56551	-55.000
**		.363000	742916.030	1056808.979	110.40802	-55.000
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**		.365000	742918.009	1056808.689	108.09304	-55.000

**		.366000	742919.002	1056808.572	106.93555	-55.000
**		.367000	742919.997	1056808.472	105.77806	-55.000
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**		.369000	742921.992	1056808.327	103.46308	-55.000
**		.370000	742922.991	1056808.282	102.30559	-55.000
**		.371000	742923.990	1056808.255	101.14810	-55.000
**		.372000	742924.990	1056808.246	99.99061	-55.000
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**		.379000	742931.971	1056808.692	91.88817	-55.000
**		.380000	742932.962	1056808.828	90.73068	-55.000
KP		.380920	742933.871	1056808.969	89.66591	-55.000
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**		.382000	742934.935	1056809.154	88.44946	-58.140
**		.383000	742935.917	1056809.342	87.38342	-61.384
**		.384000	742936.896	1056809.547	86.37525	-65.012
**		.385000	742937.872	1056809.767	85.42496	-69.096
**		.386000	742938.844	1056810.001	84.53254	-73.727
**		.387000	742939.813	1056810.248	83.69799	-79.024
**		.388000	742940.779	1056810.507	82.92132	-85.140
**		.389000	742941.741	1056810.777	82.20253	-92.283
**		.390000	742942.701	1056811.058	81.54160	-100.734
**		.391000	742943.658	1056811.349	80.93856	-110.888
**		.392000	742944.612	1056811.648	80.39339	-123.320
**		.393000	742945.564	1056811.955	79.90609	-138.891
**		.394000	742946.514	1056812.269	79.47667	-158.962
**		.395000	742947.461	1056812.588	79.10512	-185.814
**		.396000	742948.407	1056812.913	78.79144	-223.582
**		.397000	742949.351	1056813.242	78.53564	-280.620
**		.398000	742950.294	1056813.574	78.33772	-376.726
**		.399000	742951.237	1056813.909	78.19767	-572.947
**		.400000	742952.178	1056814.246	78.11549	-1195.786
PT		.400920	742953.044	1056814.556	78.09101	.000
**		.401000	742953.120	1056814.583	78.09101	.000
**		.402000	742954.061	1056814.920	78.09101	.000
**		.403000	742955.002	1056815.258	78.09101	.000
**		.404000	742955.944	1056815.595	78.09101	.000
**		.405000	742956.885	1056815.933	78.09101	.000
**		.406000	742957.827	1056816.270	78.09101	.000
**		.407000	742958.768	1056816.607	78.09101	.000
**		.408000	742959.709	1056816.945	78.09101	.000
**		.409000	742960.651	1056817.282	78.09101	.000
**		.410000	742961.592	1056817.619	78.09101	.000
**		.411000	742962.533	1056817.957	78.09101	.000
**		.412000	742963.475	1056818.294	78.09101	.000
**		.413000	742964.416	1056818.632	78.09101	.000
**		.414000	742965.357	1056818.969	78.09101	.000
**		.415000	742966.299	1056819.306	78.09101	.000
**		.416000	742967.240	1056819.644	78.09101	.000
**		.417000	742968.182	1056819.981	78.09101	.000
**		.418000	742969.123	1056820.319	78.09101	.000
**		.419000	742970.064	1056820.656	78.09101	.000
**		.420000	742971.006	1056820.993	78.09101	.000
**		.421000	742971.947	1056821.331	78.09101	.000
**		.422000	742972.888	1056821.668	78.09101	.000
**		.423000	742973.830	1056822.006	78.09101	.000
**		.424000	742974.771	1056822.343	78.09101	.000
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**		.426000	742976.654	1056823.018	78.09101	.000
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**		.432000	742982.302	1056825.042	78.09101	.000
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**		.457000	743005.836	1056833.477	78.09101	.000
**		.458000	743006.777	1056833.814	78.09101	.000
**		.459000	743007.719	1056834.152	78.09101	.000
**		.460000	743008.660	1056834.489	78.09101	.000
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**		.464000	743012.426	1056835.839	78.09101	.000
**		.465000	743013.367	1056836.176	78.09101	.000
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**	.470000	743018.074	1056837.863	78.09101	.000
**	.471000	743019.015	1056838.200	78.09101	.000
**	.472000	743019.957	1056838.538	78.09101	.000
**	.473000	743020.898	1056838.875	78.09101	.000
**	.474000	743021.839	1056839.213	78.09101	.000
TP	.474696	743022.494	1056839.447	78.09101	.000
**	.475000	743022.781	1056839.550	78.09284	5264.375
**	.476000	743023.722	1056839.887	78.12483	1227.060
**	.477000	743024.664	1056840.224	78.19661	694.466
**	.478000	743025.606	1056840.559	78.30817	484.272
**	.479000	743026.549	1056840.892	78.45953	371.753
**	.480000	743027.493	1056841.222	78.65067	301.663
**	.481000	743028.438	1056841.550	78.88160	253.810
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**	.483000	743030.331	1056842.193	79.46283	192.680
**	.484000	743031.281	1056842.507	79.81312	171.970
**	.485000	743032.232	1056842.816	80.20321	155.281
**	.486000	743033.185	1056843.119	80.63308	141.544
**	.487000	743034.140	1056843.415	81.10275	130.040
**	.488000	743035.097	1056843.704	81.61220	120.265
**	.489000	743036.057	1056843.985	82.16144	111.857
**	.490000	743037.019	1056844.257	82.75047	104.548
**	.491000	743037.984	1056844.520	83.37929	98.136
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**	.493000	743039.922	1056845.015	84.75629	87.413
**	.494000	743040.895	1056845.247	85.50448	82.885
PK	.494696	743041.573	1056845.401	86.04870	80.000
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**	.507000	743053.741	1056847.144	95.83991	80.000
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KP	.508722	743055.460	1056847.238	97.21023	80.000
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**	.510000	743056.738	1056847.284	98.20558	83.559
**	.511000	743057.737	1056847.306	98.95420	86.573
**	.512000	743058.737	1056847.317	99.67629	89.813
**	.513000	743059.737	1056847.316	100.37186	93.304
**	.514000	743060.737	1056847.305	101.04090	97.079
**	.515000	743061.737	1056847.284	101.68341	101.171
**	.516000	743062.736	1056847.252	102.29940	105.623
**	.517000	743063.736	1056847.212	102.88886	110.486
**	.518000	743064.734	1056847.162	103.45180	115.818
**	.519000	743065.733	1056847.103	103.98821	121.690
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**	.521000	743067.728	1056846.962	104.98146	135.423
**	.522000	743068.724	1056846.880	105.43829	143.521
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**	.524000	743070.716	1056846.697	106.27238	163.019
**	.525000	743071.711	1056846.595	106.64964	174.899
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**	.527000	743073.699	1056846.376	107.32458	204.739
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**	.532000	743078.659	1056845.750	108.54771	357.024
**	.533000	743079.650	1056845.615	108.71276	419.416
**	.534000	743080.640	1056845.477	108.85129	508.233
**	.535000	743081.631	1056845.338	108.96329	644.773
**	.536000	743082.621	1056845.197	109.04876	881.626
**	.537000	743083.611	1056845.054	109.10771	1393.532
**	.538000	743084.600	1056844.912	109.14013	3322.985
PT	.538722	743085.315	1056844.808	109.14705	.000
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**	.595000	743141.013	1056836.750	109.14705	.000
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**	.598000	743143.982	1056836.320	109.14705	.000
**	.599000	743144.972	1056836.177	109.14705	.000
**	.600000	743145.961	1056836.034	109.14705	.000
**	.601000	743146.951	1056835.891	109.14705	.000
**	.602000	743147.941	1056835.748	109.14705	.000
TP	.602019	743147.960	1056835.745	109.14705	.000
**	.603000	743148.930	1056835.604	109.14104	-5200.245
**	.604000	743149.920	1056835.461	109.12256	-2574.817
**	.605000	743150.910	1056835.319	109.09159	-1710.994
**	.606000	743151.900	1056835.177	109.04814	-1281.174
**	.607000	743152.890	1056835.036	108.99221	-1023.948
**	.608000	743153.880	1056834.895	108.92380	-852.740
**	.609000	743154.870	1056834.756	108.84290	-730.583
**	.610000	743155.861	1056834.619	108.74952	-639.040
**	.611000	743156.851	1056834.482	108.64366	-567.883
**	.612000	743157.842	1056834.348	108.52531	-510.985
**	.613000	743158.833	1056834.215	108.39449	-464.450
**	.614000	743159.825	1056834.085	108.25117	-425.684
**	.615000	743160.817	1056833.957	108.09538	-392.890
**	.616000	743161.809	1056833.831	107.92710	-364.788
**	.617000	743162.801	1056833.709	107.74635	-340.438
**	.618000	743163.794	1056833.589	107.55310	-319.134
**	.619000	743164.787	1056833.472	107.34738	-300.341
**	.620000	743165.781	1056833.358	107.12917	-283.637
**	.621000	743166.775	1056833.249	106.89848	-268.694
**	.622000	743167.769	1056833.142	106.65531	-255.246
**	.623000	743168.764	1056833.040	106.39965	-243.080
**	.624000	743169.759	1056832.942	106.13151	-232.021
**	.625000	743170.754	1056832.848	105.85089	-221.925
**	.626000	743171.750	1056832.758	105.55779	-212.671
**	.627000	743172.747	1056832.673	105.25220	-204.157
**	.628000	743173.744	1056832.593	104.93413	-196.299
**	.629000	743174.741	1056832.519	104.60358	-189.024
**	.630000	743175.738	1056832.449	104.26055	-182.268
**	.631000	743176.736	1056832.385	103.90503	-175.979
**	.632000	743177.735	1056832.326	103.53703	-170.109
PK	.632019	743177.754	1056832.325	103.52992	-170.002
**	.633000	743178.733	1056832.274	103.16255	-170.000
**	.634000	743179.732	1056832.227	102.78807	-170.000
**	.635000	743180.731	1056832.186	102.41359	-170.000
**	.636000	743181.731	1056832.151	102.03910	-170.000
**	.637000	743182.730	1056832.122	101.66462	-170.000
**	.638000	743183.730	1056832.099	101.29014	-170.000
**	.639000	743184.730	1056832.082	100.91566	-170.000
**	.640000	743185.730	1056832.070	100.54117	-170.000
**	.641000	743186.730	1056832.065	100.16669	-170.000
**	.642000	743187.730	1056832.065	99.79221	-170.000
**	.643000	743188.730	1056832.071	99.41773	-170.000
**	.644000	743189.730	1056832.083	99.04325	-170.000
**	.645000	743190.730	1056832.101	98.66876	-170.000
**	.646000	743191.729	1056832.125	98.29428	-170.000
KP	.646896	743192.625	1056832.151	97.95874	-170.000
**	.647000	743192.729	1056832.155	97.91987	-170.590
**	.648000	743193.728	1056832.190	97.55292	-176.494
**	.649000	743194.727	1056832.232	97.19846	-182.821
**	.650000	743195.726	1056832.278	96.85648	-189.618
**	.651000	743196.725	1056832.330	96.52698	-196.940
**	.652000	743197.723	1056832.387	96.20997	-204.850
**	.653000	743198.721	1056832.449	95.90544	-213.423
**	.654000	743199.719	1056832.516	95.61339	-222.744
**	.655000	743200.717	1056832.587	95.33382	-232.917
**	.656000	743201.714	1056832.662	95.06674	-244.063
**	.657000	743202.711	1056832.742	94.81214	-256.330
**	.658000	743203.707	1056832.825	94.57002	-269.895
**	.659000	743204.703	1056832.912	94.34038	-284.977
**	.660000	743205.699	1056833.002	94.12323	-301.843
**	.661000	743206.695	1056833.096	93.91856	-320.831
**	.662000	743207.690	1056833.193	93.72638	-342.369
**	.663000	743208.685	1056833.293	93.54667	-367.007
**	.664000	743209.680	1056833.395	93.37945	-395.465
**	.665000	743210.674	1056833.500	93.22471	-428.708
**	.666000	743211.668	1056833.608	93.08246	-468.053
**	.667000	743212.662	1056833.717	92.95268	-515.349
**	.668000	743213.656	1056833.829	92.83539	-573.278

**		.669000	743214.650	1056833.942	92.73058	-645.880
**		.670000	743215.643	1056834.057	92.63826	-739.537
**		.671000	743216.636	1056834.173	92.55842	-864.963
**		.672000	743217.630	1056834.290	92.49106	-1041.623
**		.673000	743218.623	1056834.408	92.43618	-1308.966
**		.674000	743219.616	1056834.527	92.39379	-1760.925
**		.675000	743220.608	1056834.646	92.36388	-2689.581
**		.676000	743221.601	1056834.766	92.34645	-5690.656
PT		.676896	743222.491	1056834.873	92.34143	.000
**		.677000	743222.594	1056834.886	92.34143	.000
**		.678000	743223.587	1056835.006	92.34143	.000
**		.679000	743224.579	1056835.126	92.34143	.000
**		.680000	743225.572	1056835.246	92.34143	.000
**		.681000	743226.565	1056835.366	92.34143	.000
**		.682000	743227.558	1056835.486	92.34143	.000
**		.683000	743228.551	1056835.606	92.34143	.000
**		.684000	743229.543	1056835.726	92.34143	.000
**		.685000	743230.536	1056835.846	92.34143	.000
**		.686000	743231.529	1056835.966	92.34143	.000
**		.687000	743232.522	1056836.086	92.34143	.000
**		.688000	743233.514	1056836.206	92.34143	.000
**		.689000	743234.507	1056836.326	92.34143	.000
**		.690000	743235.500	1056836.446	92.34143	.000
**		.691000	743236.493	1056836.566	92.34143	.000
**		.692000	743237.486	1056836.686	92.34143	.000
**		.693000	743238.478	1056836.806	92.34143	.000
**		.694000	743239.471	1056836.926	92.34143	.000
**		.695000	743240.464	1056837.046	92.34143	.000
**		.696000	743241.457	1056837.166	92.34143	.000
**		.697000	743242.449	1056837.286	92.34143	.000
**		.698000	743243.442	1056837.406	92.34143	.000
**		.699000	743244.435	1056837.526	92.34143	.000
**		.700000	743245.428	1056837.646	92.34143	.000
**		.701000	743246.420	1056837.766	92.34143	.000
**		.702000	743247.413	1056837.886	92.34143	.000
**		.703000	743248.406	1056838.006	92.34143	.000
**		.704000	743249.399	1056838.126	92.34143	.000
**		.705000	743250.392	1056838.246	92.34143	.000
**		.706000	743251.384	1056838.366	92.34143	.000
TP		.707000	743252.377	1056838.486	92.34143	.000
**		.707815	743253.186	1056838.584	92.34143	.000
**		.708000	743253.370	1056838.606	92.34098	-12959.681
**		.709000	743254.363	1056838.726	92.32280	-2024.992
**		.710000	743255.355	1056838.847	92.27810	-1098.303
**		.711000	743256.348	1056838.969	92.20688	-753.487
**		.712000	743257.340	1056839.091	92.10912	-573.451
**		.713000	743258.333	1056839.216	91.98485	-462.857
**		.714000	743259.324	1056839.343	91.83404	-388.024
**		.715000	743260.316	1056839.472	91.65671	-334.020
**		.716000	743261.307	1056839.604	91.45285	-293.213
**		.717000	743262.298	1056839.740	91.22247	-261.290
**		.718000	743263.288	1056839.879	90.96557	-235.636
**		.719000	743264.278	1056840.023	90.68213	-214.569
**		.720000	743265.267	1056840.171	90.37217	-196.960
**		.721000	743266.255	1056840.324	90.03569	-182.022
**		.722000	743267.242	1056840.483	89.67268	-169.191
**		.723000	743268.229	1056840.647	89.28314	-158.049
**		.724000	743269.214	1056840.818	88.86708	-148.284
**		.725000	743270.198	1056840.995	88.42449	-139.655
**		.726000	743271.181	1056841.180	87.95537	-131.976
**		.727000	743272.163	1056841.372	87.45973	-125.096
**		.728000	743273.142	1056841.571	86.93757	-118.899
**		.729000	743274.121	1056841.779	86.38888	-113.287
**		.730000	743275.097	1056841.996	85.81366	-108.180
**		.731000	743276.071	1056842.221	85.21192	-103.514
**		.732000	743277.043	1056842.456	84.58365	-99.234
**		.733000	743278.013	1056842.701	83.92885	-95.294
**		.734000	743278.980	1056842.956	83.24753	-91.655
**		.735000	743279.944	1056843.222	82.53968	-88.283
**		.736000	743280.905	1056843.498	81.80531	-85.151
**		.737000	743281.862	1056843.786	81.04441	-82.233
**		.738000	743282.817	1056844.085	80.25699	-79.509
**		.739000	743283.767	1056844.396	79.44304	-76.960
**		.740000	743284.713	1056844.720	78.60256	-74.568
**		.741000	743285.655	1056845.056	77.73556	-72.321
**		.742000	743286.592	1056845.405	76.84203	-70.206
**		.743000	743287.524	1056845.767	75.92198	-68.211
**		.744000	743288.451	1056846.144	74.97540	-66.325
**		.745000	743289.371	1056846.534	74.00230	-64.542
**		.746000	743290.286	1056846.938	73.00267	-62.852
**		.747000	743291.194	1056847.357	71.97651	-61.248
PK		.747815	743291.929	1056847.709	71.12078	-60.000
**		.748000	743292.095	1056847.790	70.92428	-60.000
**		.749000	743292.989	1056848.239	69.86325	-60.000
**		.750000	743293.875	1056848.702	68.80222	-60.000
KT		.750920	743294.683	1056849.141	67.82658	.000
**		.751000	743294.753	1056849.180	67.82658	.000
**		.752000	743295.628	1056849.664	67.82658	.000
**		.753000	743296.503	1056850.148	67.82658	.000
**		.754000	743297.378	1056850.632	67.82658	.000
**		.755000	743298.253	1056851.117	67.82658	.000
**		.756000	743299.128	1056851.601	67.82658	.000
**		.757000	743300.003	1056852.085	67.82658	.000
**		.758000	743300.878	1056852.569	67.82658	.000
**		.759000	743301.753	1056853.053	67.82658	.000
**		.760000	743302.628	1056853.537	67.82658	.000
**		.761000	743303.503	1056854.021	67.82658	.000
**		.762000	743304.378	1056854.505	67.82658	.000
**		.763000	743305.253	1056854.990	67.82658	.000
**		.764000	743306.128	1056855.474	67.82658	.000
**		.765000	743307.003	1056855.958	67.82658	.000
**		.766000	743307.878	1056856.442	67.82658	.000
**		.767000	743308.753	1056856.926	67.82658	.000
**		.768000	743309.628	1056857.410	67.82658	.000

**		.769000	743310.503	1056857.894	67.82658	.000
**		.770000	743311.378	1056858.379	67.82658	.000
TP		.770501	743311.817	1056858.621	67.82658	.000
**		.771000	743312.253	1056858.863	67.83223	2807.272
**		.772000	743313.128	1056859.347	67.87765	934.140
**		.773000	743314.004	1056859.829	67.96854	560.290
**		.774000	743314.881	1056860.311	68.10490	400.148
**		.775000	743315.758	1056860.790	68.28673	311.201
**		.776000	743316.638	1056861.266	68.51403	254.605
**		.777000	743317.519	1056861.739	68.78681	215.428
**		.778000	743318.402	1056862.208	69.10506	186.699
**		.779000	743319.288	1056862.672	69.46879	164.731
**		.780000	743320.177	1056863.130	69.87798	147.389
**		.781000	743321.068	1056863.583	70.33265	133.350
**		.782000	743321.964	1056864.029	70.83279	121.753
**		.783000	743322.862	1056864.467	71.37841	112.012
**		.784000	743323.765	1056864.898	71.96950	103.714
**		.785000	743324.672	1056865.319	72.60606	96.560
**		.786000	743325.583	1056865.732	73.28809	90.330
**		.787000	743326.498	1056866.134	74.01560	84.855
**		.788000	743327.418	1056866.525	74.78858	80.006
**		.789000	743328.343	1056866.905	75.60703	75.681
**		.790000	743329.273	1056867.273	76.47096	71.800
PK		.790501	743329.741	1056867.452	76.92088	70.001
**		.791000	743330.208	1056867.627	77.37470	70.000
**		.792000	743331.148	1056867.969	78.28416	70.000
**		.793000	743332.093	1056868.296	79.19361	70.000
**		.794000	743333.042	1056868.611	80.10307	70.000
**		.795000	743333.996	1056868.911	81.01253	70.000
**		.796000	743334.954	1056869.198	81.92198	70.000
**		.797000	743335.916	1056869.472	82.83144	70.000
**		.798000	743336.882	1056869.731	83.74090	70.000
**		.799000	743337.851	1056869.977	84.65035	70.000
**		.800000	743338.824	1056870.209	85.55981	70.000
**		.801000	743339.800	1056870.427	86.46927	70.000
**		.802000	743340.779	1056870.631	87.37872	70.000
**		.803000	743341.761	1056870.821	88.28818	70.000
**		.804000	743342.745	1056870.997	89.19764	70.000
**		.805000	743343.732	1056871.158	90.10709	70.000
KP		.806000	743344.721	1056871.306	91.01655	70.000
**		.806840	743345.553	1056871.419	91.78036	70.000
**		.807000	743345.712	1056871.440	91.92562	70.376
**		.808000	743346.705	1056871.559	92.81506	72.816
**		.809000	743347.699	1056871.665	93.67419	75.431
**		.810000	743348.695	1056871.758	94.50301	78.242
**		.811000	743349.691	1056871.838	95.30151	81.270
**		.812000	743350.689	1056871.905	96.06969	84.542
**		.813000	743351.688	1056871.961	96.80756	88.088
**		.814000	743352.687	1056872.006	97.51511	91.945
**		.815000	743353.686	1056872.039	98.19235	96.154
**		.816000	743354.686	1056872.063	98.83927	100.768
**		.817000	743355.686	1056872.076	99.45588	105.848
**		.818000	743356.686	1056872.080	100.04217	111.466
**		.819000	743357.686	1056872.075	100.59815	117.714
**		.820000	743358.686	1056872.061	101.12381	124.704
**		.821000	743359.685	1056872.040	101.61916	132.577
**		.822000	743360.685	1056872.011	102.08419	141.511
**		.823000	743361.684	1056871.974	102.51890	151.736
**		.824000	743362.683	1056871.932	102.92330	163.553
**		.825000	743363.682	1056871.883	103.29739	177.367
**		.826000	743364.681	1056871.828	103.64116	193.729
**		.827000	743365.679	1056871.769	103.95461	213.418
**		.828000	743366.677	1056871.704	104.23775	237.560
**		.829000	743367.674	1056871.636	104.49058	267.862
**		.830000	743368.672	1056871.563	104.71309	307.024
**		.831000	743369.669	1056871.488	104.90528	359.598
**		.832000	743370.666	1056871.410	105.06716	433.897
**		.833000	743371.663	1056871.329	105.19873	546.895
**		.834000	743372.659	1056871.247	105.29997	739.474
**		.835000	743373.656	1056871.163	105.37091	1141.393
PT		.836000	743374.652	1056871.078	105.41153	2500.425
**		.836840	743375.489	1056871.007	105.42222	.000
**		.837000	743375.648	1056870.993	105.42222	.000
**		.838000	743376.645	1056870.908	105.42222	.000
**		.839000	743377.641	1056870.823	105.42222	.000
**		.840000	743378.638	1056870.738	105.42222	.000
**		.841000	743379.634	1056870.653	105.42222	.000
**		.842000	743380.630	1056870.568	105.42222	.000
**		.843000	743381.627	1056870.483	105.42222	.000
**		.844000	743382.623	1056870.398	105.42222	.000
**		.845000	743383.619	1056870.313	105.42222	.000
**		.846000	743384.616	1056870.228	105.42222	.000
**		.847000	743385.612	1056870.143	105.42222	.000
**		.848000	743386.609	1056870.058	105.42222	.000
**		.849000	743387.605	1056869.972	105.42222	.000
**		.850000	743388.601	1056869.887	105.42222	.000
**		.851000	743389.598	1056869.802	105.42222	.000
**		.852000	743390.594	1056869.717	105.42222	.000
**		.853000	743391.590	1056869.632	105.42222	.000
**		.854000	743392.587	1056869.547	105.42222	.000
**		.855000	743393.583	1056869.462	105.42222	.000
**		.856000	743394.580	1056869.377	105.42222	.000
**		.857000	743395.576	1056869.292	105.42222	.000
**		.858000	743396.572	1056869.207	105.42222	.000
**		.859000	743397.569	1056869.122	105.42222	.000
**		.860000	743398.565	1056869.037	105.42222	.000
**		.861000	743399.561	1056868.952	105.42222	.000
**		.862000	743400.558	1056868.867	105.42222	.000
**		.863000	743401.554	1056868.781	105.42222	.000
**		.864000	743402.551	1056868.696	105.42222	.000
**		.865000	743403.547	1056868.611	105.42222	.000
**		.866000	743404.543	1056868.526	105.42222	.000
**		.867000	743405.540	1056868.441	105.42222	.000
**		.868000	743406.536	1056868.356	105.42222	.000

**	.869000	743407.532	1056868.271	105.42222	.000
**	.870000	743408.529	1056868.186	105.42222	.000
TK	.870203	743408.731	1056868.169	105.42222	-400.000
**	.871000	743409.525	1056868.102	105.29531	-400.000
**	.872000	743410.522	1056868.020	105.13615	-400.000
**	.873000	743411.519	1056867.941	104.97700	-400.000
**	.874000	743412.516	1056867.864	104.81784	-400.000
**	.875000	743413.513	1056867.789	104.65869	-400.000
**	.876000	743414.510	1056867.717	104.49953	-400.000
**	.877000	743415.508	1056867.648	104.34038	-400.000
**	.878000	743416.506	1056867.581	104.18122	-400.000
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**	.880000	743418.502	1056867.455	103.86291	-400.000
**	.881000	743419.500	1056867.396	103.70376	-400.000
**	.882000	743420.498	1056867.339	103.54460	-400.000
**	.883000	743421.497	1056867.284	103.38545	-400.000
**	.884000	743422.496	1056867.232	103.22629	-400.000
**	.885000	743423.494	1056867.183	103.06714	-400.000
**	.886000	743424.493	1056867.136	102.90798	-400.000
**	.887000	743425.492	1056867.092	102.74883	-400.000
**	.888000	743426.491	1056867.050	102.58967	-400.000
**	.889000	743427.491	1056867.010	102.43052	-400.000
**	.890000	743428.490	1056866.973	102.27136	-400.000
**	.891000	743429.489	1056866.939	102.11221	-400.000
**	.892000	743430.489	1056866.907	101.95305	-400.000
**	.893000	743431.488	1056866.878	101.79390	-400.000
**	.894000	743432.488	1056866.851	101.63474	-400.000
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**	.896000	743434.488	1056866.804	101.31643	-400.000
**	.897000	743435.487	1056866.785	101.15728	-400.000
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**	.904000	743442.487	1056866.719	100.04319	-400.000
**	.905000	743443.487	1056866.719	99.88404	-400.000
**	.906000	743444.487	1056866.723	99.72488	-400.000
**	.907000	743445.487	1056866.728	99.56573	-400.000
**	.908000	743446.487	1056866.736	99.40657	-400.000
**	.909000	743447.487	1056866.747	99.24742	-400.000
**	.910000	743448.487	1056866.760	99.08826	-400.000
KT	.910686	743449.173	1056866.770	98.97908	-400.000
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**	.913000	743451.486	1056866.807	98.97902	.000
**	.914000	743452.486	1056866.823	98.97902	.000
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**	.919000	743457.486	1056866.904	98.97902	.000
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**	.949000	743487.482	1056867.385	98.97902	.000
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**	.958000	743496.481	1056867.529	98.97902	.000
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**	1.147000	743685.456	1056870.560	98.97902	.000
**	1.148000	743686.456	1056870.576	98.97902	.000
**	1.149000	743687.456	1056870.592	98.97902	.000
**	TK	1.149041	743687.497	1056870.593	210.000
**	1.150000	743688.456	1056870.606	99.26976	210.000
**	1.151000	743689.456	1056870.615	99.57291	210.000
**	1.152000	743690.456	1056870.619	99.87606	210.000
**	1.153000	743691.456	1056870.619	100.17921	210.000
**	1.154000	743692.456	1056870.614	100.48237	210.000
**	1.155000	743693.456	1056870.604	100.78552	210.000
**	1.156000	743694.456	1056870.589	101.08867	210.000
**	1.157000	743695.456	1056870.569	101.39182	210.000
**	1.158000	743696.455	1056870.545	101.69498	210.000
**	1.159000	743697.455	1056870.516	101.99813	210.000
**	1.160000	743698.454	1056870.482	102.30128	210.000
**	1.161000	743699.453	1056870.444	102.60443	210.000
**	1.162000	743700.453	1056870.401	102.90758	210.000
**	1.163000	743701.451	1056870.353	103.21074	210.000
**	1.164000	743702.450	1056870.300	103.51389	210.000
**	1.165000	743703.448	1056870.242	103.81704	210.000
**	1.166000	743704.446	1056870.180	104.12019	210.000
**	1.167000	743705.444	1056870.113	104.42335	210.000
**	1.168000	743706.442	1056870.041	104.72650	210.000
**	1.169000	743707.439	1056869.965	105.02965	210.000
**	1.170000	743708.435	1056869.883	105.33280	210.000
**	1.171000	743709.432	1056869.797	105.63596	210.000
**	1.172000	743710.427	1056869.706	105.93911	210.000
**	1.173000	743711.423	1056869.611	106.24226	210.000
**	1.174000	743712.418	1056869.511	106.54541	210.000
**	1.175000	743713.412	1056869.406	106.84856	210.000
**	1.176000	743714.406	1056869.296	107.15172	210.000
**	1.177000	743715.400	1056869.181	107.45487	210.000

**	1.178000	743716.393	1056869.062	107.75802	210.000
**	1.179000	743717.385	1056868.938	108.06117	210.000
KT	1.179680	743718.059	1056868.851	108.26728	.000
**	1.180000	743718.377	1056868.810	108.26728	.000
**	1.181000	743719.368	1056868.680	108.26728	.000
**	1.182000	743720.360	1056868.551	108.26728	.000
**	1.183000	743721.351	1056868.421	108.26728	.000
**	1.184000	743722.343	1056868.292	108.26728	.000
**	1.185000	743723.334	1056868.162	108.26728	.000
**	1.186000	743724.326	1056868.033	108.26728	.000
**	1.187000	743725.318	1056867.903	108.26728	.000
**	1.188000	743726.309	1056867.774	108.26728	.000
**	1.189000	743727.301	1056867.644	108.26728	.000
**	1.190000	743728.292	1056867.515	108.26728	.000
**	1.191000	743729.284	1056867.385	108.26728	.000
**	1.192000	743730.276	1056867.256	108.26728	.000
**	1.193000	743731.267	1056867.127	108.26728	.000
**	1.194000	743732.259	1056866.997	108.26728	.000
**	1.195000	743733.250	1056866.868	108.26728	.000
**	1.196000	743734.242	1056866.738	108.26728	.000
**	1.197000	743735.233	1056866.609	108.26728	.000
**	1.198000	743736.225	1056866.479	108.26728	.000
**	1.199000	743737.217	1056866.350	108.26728	.000
**	1.200000	743738.208	1056866.220	108.26728	.000
**	1.201000	743739.200	1056866.091	108.26728	.000
**	1.202000	743740.191	1056865.961	108.26728	.000
**	1.203000	743741.183	1056865.832	108.26728	.000
**	1.204000	743742.175	1056865.702	108.26728	.000
**	1.205000	743743.166	1056865.573	108.26728	.000
**	1.206000	743744.158	1056865.443	108.26728	.000
**	1.207000	743745.149	1056865.314	108.26728	.000
**	1.208000	743746.141	1056865.184	108.26728	.000
**	1.209000	743747.132	1056865.055	108.26728	.000
**	1.210000	743748.124	1056864.925	108.26728	.000
**	1.211000	743749.116	1056864.796	108.26728	.000
**	1.212000	743750.107	1056864.666	108.26728	.000
TK	1.212034	743750.141	1056864.662	108.26728	.000
**	1.213000	743751.099	1056864.540	107.85748	-150.000
**	1.214000	743752.092	1056864.420	107.43307	-150.000
**	1.215000	743753.085	1056864.307	107.00865	-150.000
**	1.216000	743754.080	1056864.200	106.58424	-150.000
**	1.217000	743755.075	1056864.100	106.15983	-150.000
**	1.218000	743756.070	1056864.007	105.73541	-150.000
**	1.219000	743757.067	1056863.920	105.31100	-150.000
**	1.220000	743758.063	1056863.840	104.88659	-150.000
**	1.221000	743759.061	1056863.767	104.46217	-150.000
**	1.222000	743760.059	1056863.700	104.03776	-150.000
**	1.223000	743761.057	1056863.640	103.61335	-150.000
**	1.224000	743762.055	1056863.587	103.18893	-150.000
**	1.225000	743763.054	1056863.540	102.76452	-150.000
**	1.226000	743764.053	1056863.500	102.34011	-150.000
**	1.227000	743765.053	1056863.466	101.91569	-150.000
**	1.228000	743766.052	1056863.440	101.49128	-150.000
**	1.229000	743767.052	1056863.420	101.06687	-150.000
**	1.230000	743768.052	1056863.406	100.64245	-150.000
**	1.231000	743769.052	1056863.399	100.21804	-150.000
**	1.232000	743770.052	1056863.399	99.79363	-150.000
**	1.233000	743771.052	1056863.406	99.36921	-150.000
**	1.234000	743772.052	1056863.419	98.94480	-150.000
**	1.235000	743773.052	1056863.439	98.52039	-150.000
**	1.236000	743774.051	1056863.466	98.09598	-150.000
**	1.237000	743775.051	1056863.499	97.67156	-150.000
**	1.238000	743776.050	1056863.539	97.24715	-150.000
**	1.239000	743777.049	1056863.585	96.82274	-150.000
**	1.240000	743778.048	1056863.639	96.39832	-150.000
**	1.241000	743779.046	1056863.698	95.97391	-150.000
**	1.242000	743780.044	1056863.765	95.54950	-150.000
KP	1.242511	743780.553	1056863.801	95.33273	-150.000
**	1.243000	743781.041	1056863.838	95.12621	-151.649
**	1.244000	743782.038	1056863.918	94.71113	-155.134
**	1.245000	743783.034	1056864.004	94.30548	-158.783
**	1.246000	743784.030	1056864.096	93.90926	-162.608
**	1.247000	743785.025	1056864.195	93.52247	-166.622
**	1.248000	743786.019	1056864.300	93.14511	-170.840
**	1.249000	743787.013	1056864.410	92.77718	-175.276
**	1.250000	743788.007	1056864.526	92.41869	-179.948
**	1.251000	743788.999	1056864.647	92.06963	-184.877
**	1.252000	743789.991	1056864.774	91.72999	-190.083
**	1.253000	743790.982	1056864.907	91.39979	-195.591
**	1.254000	743791.973	1056865.044	91.07902	-201.428
**	1.255000	743792.963	1056865.186	90.76769	-207.624
**	1.256000	743793.952	1056865.333	90.46578	-214.213
**	1.257000	743794.940	1056865.484	90.17331	-221.234
**	1.258000	743795.928	1056865.640	89.89026	-228.730
**	1.259000	743796.915	1056865.800	89.61665	-236.753
**	1.260000	743797.901	1056865.965	89.35247	-245.359
**	1.261000	743798.887	1056866.133	89.09772	-254.614
**	1.262000	743799.872	1056866.306	88.85240	-264.594
**	1.263000	743800.857	1056866.482	88.61652	-275.389
**	1.264000	743801.840	1056866.661	88.39006	-287.103
**	1.265000	743802.823	1056866.844	88.17304	-299.857
**	1.266000	743803.806	1056867.031	87.96544	-313.797
**	1.267000	743804.788	1056867.220	87.76728	-329.096
**	1.268000	743805.769	1056867.413	87.57855	-345.963
**	1.269000	743806.750	1056867.608	87.39926	-364.653
**	1.270000	743807.730	1056867.806	87.22939	-385.478
**	1.271000	743808.710	1056868.006	87.06895	-408.825
**	1.272000	743809.689	1056868.209	86.91795	-435.182
**	1.273000	743810.668	1056868.414	86.77638	-465.172
**	1.274000	743811.646	1056868.622	86.64424	-499.602
**	1.275000	743812.624	1056868.831	86.52153	-539.536
**	1.276000	743813.601	1056869.042	86.40825	-586.409
**	1.277000	743814.578	1056869.255	86.30440	-642.200
**	1.278000	743815.555	1056869.469	86.20999	-709.723

**		1.279000	743816.532	1056869.684	86.12500	-793.115
**		1.280000	743817.508	1056869.901	86.04945	-898.712
**		1.281000	743818.484	1056870.119	85.98333	-1036.747
**		1.282000	743819.460	1056870.338	85.92664	-1224.879
**		1.283000	743820.435	1056870.558	85.87938	-1496.426
**		1.284000	743821.411	1056870.778	85.84155	-1922.668
**		1.285000	743822.386	1056870.999	85.81316	-2688.444
**		1.286000	743823.361	1056871.220	85.79419	-4467.990
**		1.287000	743824.336	1056871.441	85.78466	-13215.953
PT		1.287511	743824.835	1056871.554	85.78343	.000
**		1.288000	743825.312	1056871.663	85.78343	.000
**		1.289000	743826.287	1056871.884	85.78343	.000
**		1.290000	743827.262	1056872.106	85.78343	.000
**		1.291000	743828.237	1056872.327	85.78343	.000
**		1.292000	743829.212	1056872.548	85.78343	.000
**		1.293000	743830.187	1056872.770	85.78343	.000
**		1.294000	743831.163	1056872.991	85.78343	.000
**		1.295000	743832.138	1056873.213	85.78343	.000
**		1.296000	743833.113	1056873.434	85.78343	.000
**		1.297000	743834.088	1056873.656	85.78343	.000
**		1.298000	743835.063	1056873.877	85.78343	.000
**		1.299000	743836.038	1056874.099	85.78343	.000
**		1.300000	743837.014	1056874.320	85.78343	.000
**		1.301000	743837.989	1056874.542	85.78343	.000
**		1.302000	743838.964	1056874.763	85.78343	.000
TP		1.302181	743839.140	1056874.803	85.78343	.000
**		1.303000	743839.939	1056874.984	85.80064	1514.576
**		1.304000	743840.915	1056875.205	85.86834	681.802
**		1.305000	743841.890	1056875.425	85.98738	439.917
**		1.306000	743842.866	1056875.642	86.15777	324.717
**		1.307000	743843.843	1056875.856	86.37949	257.330
**		1.308000	743844.821	1056876.066	86.65256	213.106
**		1.309000	743845.799	1056876.272	86.97696	181.853
**		1.310000	743846.779	1056876.472	87.35271	158.594
**		1.311000	743847.760	1056876.666	87.77979	140.610
**		1.312000	743848.742	1056876.853	88.25822	126.289
**		1.313000	743849.726	1056877.033	88.78798	114.616
**		1.314000	743850.711	1056877.203	89.36909	104.918
**		1.315000	743851.698	1056877.365	90.00153	96.734
**		1.316000	743852.687	1056877.516	90.68532	89.733
**		1.317000	743853.677	1056877.656	91.42045	83.678
**		1.318000	743854.669	1056877.784	92.20692	78.388
**		1.319000	743855.662	1056877.900	93.04472	73.727
**		1.320000	743856.657	1056878.002	93.93387	69.590
**		1.321000	743857.653	1056878.090	94.87436	65.892
**		1.322000	743858.650	1056878.163	95.86619	62.567
PK		1.322181	743858.831	1056878.174	96.05120	62.001
**		1.323000	743859.649	1056878.220	96.89215	62.000
**		1.324000	743860.648	1056878.260	97.91896	62.000
**		1.325000	743861.647	1056878.285	98.94576	62.000
**		1.326000	743862.647	1056878.294	99.97257	62.000
**		1.327000	743863.647	1056878.286	100.99937	62.000
**		1.328000	743864.647	1056878.262	102.02618	62.000
**		1.329000	743865.646	1056878.222	103.05299	62.000
**		1.330000	743866.645	1056878.166	104.07979	62.000
**		1.331000	743867.642	1056878.094	105.10660	62.000
**		1.332000	743868.638	1056878.006	106.13340	62.000
**		1.333000	743869.633	1056877.902	107.16021	62.000
**		1.334000	743870.625	1056877.782	108.18702	62.000
**		1.335000	743871.616	1056877.645	109.21382	62.000
**		1.336000	743872.604	1056877.493	110.24063	62.000
**		1.337000	743873.590	1056877.325	111.26744	62.000
**		1.338000	743874.573	1056877.141	112.29424	62.000
**		1.339000	743875.553	1056876.941	113.32105	62.000
**		1.340000	743876.529	1056876.726	114.34785	62.000
**		1.341000	743877.502	1056876.494	115.37466	62.000
**		1.342000	743878.471	1056876.247	116.40147	62.000
**		1.343000	743879.436	1056875.985	117.42827	62.000
**		1.344000	743880.397	1056875.707	118.45508	62.000
**		1.345000	743881.353	1056875.413	119.48188	62.000
**		1.346000	743882.304	1056875.104	120.50869	62.000
**		1.347000	743883.250	1056874.780	121.53550	62.000
**		1.348000	743884.190	1056874.440	122.56230	62.000
**		1.349000	743885.125	1056874.086	123.58911	62.000
**		1.350000	743886.054	1056873.716	124.61591	62.000
**		1.351000	743886.978	1056873.332	125.64272	62.000
**		1.352000	743887.894	1056872.932	126.66953	62.000
**		1.353000	743888.805	1056872.518	127.69633	62.000
**		1.354000	743889.708	1056872.089	128.72314	62.000
KP		1.354114	743889.811	1056872.040	128.84019	62.000
**		1.355000	743890.604	1056871.646	129.70966	68.026
**		1.356000	743891.494	1056871.190	130.59417	76.409
**		1.357000	743892.378	1056870.722	131.37600	87.150
**		1.358000	743893.256	1056870.244	132.05515	101.403
**		1.359000	743894.130	1056869.758	132.63162	121.231
**		1.360000	743895.000	1056869.264	133.10541	150.697
**		1.361000	743895.866	1056868.764	133.47652	199.088
**		1.362000	743896.730	1056868.260	133.74495	293.254
**		1.363000	743897.592	1056867.754	133.91070	556.451
**		1.364000	743898.453	1056867.245	133.97377	5428.846
PT		1.364114	743898.551	1056867.187	133.97444	.000
**		1.365000	743899.314	1056866.737	133.97444	.000
**		1.366000	743900.175	1056866.228	133.97444	.000
**		1.367000	743901.036	1056865.719	133.97444	.000
**		1.368000	743901.897	1056865.210	133.97444	.000
**		1.369000	743902.758	1056864.702	133.97444	.000
**		1.370000	743903.619	1056864.193	133.97444	.000
**		1.371000	743904.480	1056863.684	133.97444	.000
**		1.372000	743905.340	1056863.176	133.97444	.000
**		1.373000	743906.201	1056862.667	133.97444	.000
**		1.374000	743907.062	1056862.158	133.97444	.000
**		1.375000	743907.923	1056861.650	133.97444	.000
**		1.376000	743908.784	1056861.141	133.97444	.000
**		1.377000	743909.645	1056860.632	133.97444	.000

**		1.378000	743910.506	1056860.124	133.97444	.000
**		1.379000	743911.367	1056859.615	133.97444	.000
**		1.380000	743912.228	1056859.106	133.97444	.000
**	TK	1.380581	743912.728	1056858.811	133.97444	85.000
**		1.381000	743913.088	1056858.597	134.28826	85.000
**		1.382000	743913.944	1056858.079	135.03723	85.000
**		1.383000	743914.793	1056857.551	135.78619	85.000
**		1.384000	743915.636	1056857.013	136.53515	85.000
**	KP	1.384447	743916.011	1056856.769	136.86994	85.000
**		1.385000	743916.473	1056856.465	137.28133	86.161
**		1.386000	743917.303	1056855.907	138.01107	88.345
**		1.387000	743918.127	1056855.340	138.72254	90.643
**		1.388000	743918.944	1056854.765	139.41574	93.064
**		1.389000	743919.755	1056854.180	140.09068	95.617
**		1.390000	743920.561	1056853.587	140.74734	98.314
**		1.391000	743921.360	1056852.985	141.38574	101.169
**		1.392000	743922.153	1056852.376	142.00588	104.193
**		1.393000	743922.940	1056851.760	142.60774	107.404
**		1.394000	743923.721	1056851.136	143.19134	110.820
**		1.395000	743924.497	1056850.505	143.75667	114.459
**		1.396000	743925.267	1056849.867	144.30373	118.346
**		1.397000	743926.032	1056849.222	144.83253	122.507
**		1.398000	743926.791	1056848.572	145.34306	126.970
**		1.399000	743927.546	1056847.915	145.83532	131.771
**		1.400000	743928.295	1056847.253	146.30931	136.949
**		1.401000	743929.040	1056846.586	146.76504	142.551
**		1.402000	743929.779	1056845.913	147.20250	148.630
**		1.403000	743930.515	1056845.235	147.62169	155.251
**		1.404000	743931.245	1056844.552	148.02261	162.490
**		1.405000	743931.972	1056843.865	148.40527	170.437
**		1.406000	743932.695	1056843.174	148.76966	179.201
**		1.407000	743933.413	1056842.479	149.11578	188.915
**		1.408000	743934.128	1056841.780	149.44363	199.742
**		1.409000	743934.840	1056841.077	149.75322	211.887
**		1.410000	743935.548	1056840.371	150.04454	225.603
**		1.411000	743936.253	1056839.662	150.31759	241.219
**		1.412000	743936.955	1056838.950	150.57237	259.157
**		1.413000	743937.655	1056838.235	150.80889	279.977
**		1.414000	743938.352	1056837.518	151.02714	304.434
**		1.415000	743939.046	1056836.798	151.22712	333.574
**		1.416000	743939.738	1056836.077	151.40884	368.882
**		1.417000	743940.429	1056835.353	151.57228	412.550
**		1.418000	743941.117	1056834.628	151.71746	467.944
**		1.419000	743941.804	1056833.902	151.84438	540.522
**		1.420000	743942.490	1056833.174	151.95302	639.747
**		1.421000	743943.175	1056832.445	152.04340	783.592
**		1.422000	743943.858	1056831.715	152.11551	1010.887
**		1.423000	743944.541	1056830.984	152.16935	1423.920
**		1.424000	743945.224	1056830.253	152.20493	2407.652
**		1.425000	743945.906	1056829.522	152.22223	7788.258
**	PT	1.425447	743946.211	1056829.195	152.22406	.000
**		1.426000	743946.588	1056828.791	152.22406	.000
**		1.427000	743947.270	1056828.059	152.22406	.000
**		1.428000	743947.952	1056827.328	152.22406	.000
**		1.429000	743948.633	1056826.597	152.22406	.000
**		1.430000	743949.315	1056825.865	152.22406	.000
**		1.431000	743949.997	1056825.134	152.22406	.000
**		1.432000	743950.679	1056824.403	152.22406	.000
**		1.433000	743951.361	1056823.671	152.22406	.000
**		1.434000	743952.043	1056822.940	152.22406	.000
**		1.435000	743952.725	1056822.208	152.22406	.000
**		1.436000	743953.407	1056821.477	152.22406	.000
**		1.437000	743954.089	1056820.746	152.22406	.000
**		1.438000	743954.771	1056820.014	152.22406	.000
**		1.439000	743955.453	1056819.283	152.22406	.000
**		1.440000	743956.135	1056818.552	152.22406	.000
**		1.441000	743956.817	1056817.820	152.22406	.000
**		1.442000	743957.499	1056817.089	152.22406	.000
**		1.443000	743958.181	1056816.357	152.22406	.000
**		1.444000	743958.863	1056815.626	152.22406	.000
**		1.445000	743959.545	1056814.895	152.22406	.000
**		1.446000	743960.227	1056814.163	152.22406	.000
**		1.447000	743960.909	1056813.432	152.22406	.000
**		1.448000	743961.591	1056812.701	152.22406	.000
**		1.449000	743962.273	1056811.969	152.22406	.000
**		1.450000	743962.955	1056811.238	152.22406	.000
**		1.451000	743963.637	1056810.506	152.22406	.000
**		1.452000	743964.319	1056809.775	152.22406	.000
**		1.453000	743965.001	1056809.044	152.22406	.000
**		1.454000	743965.683	1056808.312	152.22406	.000
**		1.455000	743966.365	1056807.581	152.22406	.000
**		1.456000	743967.047	1056806.850	152.22406	.000
**		1.457000	743967.729	1056806.118	152.22406	.000
**		1.458000	743968.411	1056805.387	152.22406	.000
**		1.459000	743969.093	1056804.655	152.22406	.000
**		1.460000	743969.775	1056803.924	152.22406	.000
**		1.461000	743970.457	1056803.193	152.22406	.000
**		1.462000	743971.139	1056802.461	152.22406	.000
**	TP	1.462074	743971.189	1056802.407	152.22406	.000
**		1.463000	743971.821	1056801.730	152.21165	-2374.905
**		1.464000	743972.503	1056800.999	152.17037	-1142.054
**		1.465000	743973.186	1056800.268	152.10016	-751.789
**		1.466000	743973.870	1056799.539	152.00101	-560.316
**		1.467000	743974.555	1056798.811	151.87292	-446.578
**		1.468000	743975.242	1056798.084	151.71590	-371.223
**		1.469000	743975.931	1056797.359	151.52994	-317.627
**		1.470000	743976.622	1056796.636	151.31504	-277.555
**		1.471000	743977.316	1056795.916	151.07121	-246.461
**		1.472000	743978.012	1056795.198	150.79843	-221.632
**		1.473000	743978.712	1056794.484	150.49672	-201.348
**		1.474000	743979.416	1056793.773	150.16608	-184.465
**		1.475000	743980.123	1056793.066	149.80649	-170.195
**		1.476000	743980.834	1056792.364	149.41797	-157.974
**		1.477000	743981.550	1056791.665	149.00051	-147.390

**	1.478000	743982.271	1056790.972	148.55411	-138.136
**	1.479000	743982.996	1056790.284	148.07878	-129.975
**	1.480000	743983.727	1056789.601	147.57451	-122.724
**	1.481000	743984.463	1056788.924	147.04130	-116.240
**	1.482000	743985.205	1056788.254	146.47916	-110.407
PK	1.482074	743985.260	1056788.205	146.43661	-110.000
**	1.483000	743985.953	1056787.591	145.90049	-110.000
**	1.484000	743986.708	1056786.934	145.32174	-110.000
**	1.485000	743987.468	1056786.284	144.74300	-110.000
**	1.486000	743988.234	1056785.641	144.16425	-110.000
**	1.487000	743989.005	1056785.005	143.58551	-110.000
**	1.488000	743989.783	1056784.376	143.00676	-110.000
**	1.489000	743990.566	1056783.755	142.42802	-110.000
**	1.490000	743991.355	1056783.140	141.84927	-110.000
**	1.491000	743992.149	1056782.533	141.27053	-110.000
**	1.492000	743992.949	1056781.932	140.69178	-110.000
**	1.493000	743993.754	1056781.340	140.11304	-110.000
**	1.494000	743994.565	1056780.754	139.53429	-110.000
**	1.495000	743995.381	1056780.176	138.95555	-110.000
**	1.496000	743996.202	1056779.605	138.37680	-110.000
**	1.497000	743997.028	1056779.042	137.79805	-110.000
**	1.498000	743997.860	1056778.486	137.21931	-110.000
**	1.499000	743998.696	1056777.938	136.64056	-110.000
**	1.500000	743999.538	1056777.398	136.06182	-110.000
**	1.501000	744000.384	1056776.865	135.48307	-110.000
**	1.502000	744001.235	1056776.340	134.90433	-110.000
**	1.503000	744002.091	1056775.822	134.32558	-110.000
**	1.504000	744002.951	1056775.313	133.74684	-110.000
**	1.505000	744003.816	1056774.811	133.16809	-110.000
**	1.506000	744004.686	1056774.317	132.58935	-110.000
**	1.507000	744005.560	1056773.832	132.01060	-110.000
**	1.508000	744006.438	1056773.354	131.43186	-110.000
**	1.509000	744007.321	1056772.884	130.85311	-110.000
**	1.510000	744008.208	1056772.422	130.27437	-110.000
**	1.511000	744009.099	1056771.968	129.69562	-110.000
**	1.512000	744009.994	1056771.522	129.11688	-110.000
**	1.513000	744010.893	1056771.085	128.53813	-110.000
**	1.514000	744011.797	1056770.656	127.95939	-110.000
**	1.515000	744012.704	1056770.235	127.38064	-110.000
**	1.516000	744013.614	1056769.822	126.80190	-110.000
**	1.517000	744014.529	1056769.417	126.22315	-110.000
**	1.518000	744015.447	1056769.021	125.64440	-110.000
**	1.519000	744016.369	1056768.633	125.06566	-110.000
**	1.520000	744017.294	1056768.254	124.48691	-110.000
**	1.521000	744018.223	1056767.883	123.90817	-110.000
**	1.522000	744019.155	1056767.520	123.32942	-110.000
**	1.523000	744020.090	1056767.166	122.75068	-110.000
**	1.524000	744021.028	1056766.821	122.17193	-110.000
**	1.525000	744021.970	1056766.484	121.59319	-110.000
**	1.526000	744022.914	1056766.155	121.01444	-110.000
**	1.527000	744023.862	1056765.835	120.43570	-110.000
**	1.528000	744024.812	1056765.524	119.85695	-110.000
**	1.529000	744025.765	1056765.222	119.27821	-110.000
**	1.530000	744026.721	1056764.928	118.69946	-110.000
**	1.531000	744027.679	1056764.643	118.12072	-110.000
**	1.532000	744028.640	1056764.366	117.54197	-110.000
**	1.533000	744029.604	1056764.098	116.96323	-110.000
**	1.534000	744030.570	1056763.840	116.38448	-110.000
**	1.535000	744031.538	1056763.589	115.80574	-110.000
**	1.536000	744032.509	1056763.348	115.22699	-110.000
**	1.537000	744033.481	1056763.116	114.64825	-110.000
**	1.538000	744034.456	1056762.892	114.06950	-110.000
**	1.539000	744035.432	1056762.677	113.49075	-110.000
**	1.540000	744036.411	1056762.471	112.91201	-110.000
**	1.541000	744037.391	1056762.274	112.33326	-110.000
**	1.542000	744038.374	1056762.086	111.75452	-110.000
**	1.543000	744039.357	1056761.907	111.17577	-110.000
**	1.544000	744040.343	1056761.737	110.59703	-110.000
**	1.545000	744041.330	1056761.576	110.01828	-110.000
**	1.546000	744042.318	1056761.424	109.43954	-110.000
**	1.547000	744043.308	1056761.280	108.86079	-110.000
**	1.548000	744044.299	1056761.146	108.28205	-110.000
**	1.549000	744045.291	1056761.021	107.70330	-110.000
**	1.550000	744046.284	1056760.905	107.12456	-110.000
**	1.551000	744047.278	1056760.797	106.54581	-110.000
**	1.552000	744048.273	1056760.699	105.96707	-110.000
**	1.553000	744049.269	1056760.610	105.38832	-110.000
**	1.554000	744050.266	1056760.530	104.80958	-110.000
**	1.555000	744051.264	1056760.459	104.23083	-110.000
**	1.556000	744052.262	1056760.397	103.65209	-110.000
**	1.557000	744053.260	1056760.345	103.07334	-110.000
**	1.558000	744054.259	1056760.301	102.49459	-110.000
**	1.559000	744055.259	1056760.266	101.91585	-110.000
**	1.560000	744056.259	1056760.241	101.33710	-110.000
**	1.561000	744057.258	1056760.224	100.75836	-110.000
**	1.562000	744058.258	1056760.217	100.17961	-110.000
**	1.563000	744059.258	1056760.219	99.60087	-110.000
**	1.564000	744060.258	1056760.229	99.02212	-110.000
KP	1.564354	744060.612	1056760.235	98.81744	-110.000
**	1.565000	744061.258	1056760.249	98.44704	-112.198
**	1.566000	744062.258	1056760.278	97.88840	-115.776
**	1.567000	744063.257	1056760.316	97.34730	-119.590
**	1.568000	744064.256	1056760.361	96.82373	-123.664
**	1.569000	744065.254	1056760.415	96.31770	-128.026
**	1.570000	744066.253	1056760.477	95.82921	-132.706
**	1.571000	744067.250	1056760.546	95.35826	-137.742
**	1.572000	744068.247	1056760.623	94.90485	-143.175
**	1.573000	744069.244	1056760.706	94.46897	-149.054
**	1.574000	744070.240	1056760.796	94.05063	-155.436
**	1.575000	744071.235	1056760.892	93.64983	-162.390
**	1.576000	744072.230	1056760.995	93.26657	-169.994
**	1.577000	744073.224	1056761.103	92.90084	-178.346
**	1.578000	744074.217	1056761.218	92.55265	-187.561
**	1.579000	744075.210	1056761.337	92.22200	-197.781

**		1.580000	744076.202	1056761.461	91.90889	-209.178
**		1.581000	744077.194	1056761.590	91.61331	-221.969
**		1.582000	744078.185	1056761.724	91.33528	-236.426
**		1.583000	744079.176	1056761.862	91.07478	-252.897
**		1.584000	744080.165	1056762.003	90.83181	-271.836
**		1.585000	744081.155	1056762.148	90.60639	-293.840
**		1.586000	744082.144	1056762.297	90.39850	-319.721
**		1.587000	744083.132	1056762.449	90.20816	-350.601
**		1.588000	744084.120	1056762.603	90.03534	-388.083
**		1.589000	744085.108	1056762.761	89.88007	-434.540
**		1.590000	744086.095	1056762.920	89.74234	-493.632
**		1.591000	744087.082	1056763.081	89.62214	-571.324
**		1.592000	744088.068	1056763.244	89.51948	-678.041
**		1.593000	744089.055	1056763.409	89.43436	-833.781
**		1.594000	744090.041	1056763.575	89.36677	-1082.400
**		1.595000	744091.027	1056763.741	89.31673	-1542.280
**		1.596000	744092.013	1056763.909	89.28422	-2681.621
**		1.597000	744092.999	1056764.076	89.26925	-10264.128
PT		1.597354	744093.347	1056764.136	89.26815	.000
**		1.598000	744093.985	1056764.244	89.26815	.000
**		1.599000	744094.970	1056764.412	89.26815	.000
**		1.600000	744095.956	1056764.580	89.26815	.000
**		1.601000	744096.942	1056764.748	89.26815	.000
**		1.602000	744097.928	1056764.915	89.26815	.000
TP		1.602238	744098.162	1056764.955	89.26815	.000
**		1.603000	744098.914	1056765.083	89.29793	814.047
**		1.604000	744099.900	1056765.249	89.42747	351.947
**		1.605000	744100.886	1056765.413	89.65970	224.505
**		1.606000	744101.874	1056765.572	89.99461	164.822
**		1.607000	744102.862	1056765.726	90.43219	130.208
**		1.608000	744103.851	1056765.871	90.97246	107.609
**		1.609000	744104.842	1056766.008	91.61541	91.694
**		1.610000	744105.834	1056766.133	92.36103	79.880
**		1.611000	744106.827	1056766.247	93.20934	70.763
**		1.612000	744107.822	1056766.346	94.16033	63.514
**		1.613000	744108.819	1056766.429	95.21400	57.612
**		1.614000	744109.817	1056766.495	96.37035	52.714
**		1.615000	744110.816	1056766.543	97.62938	48.583
**		1.616000	744111.815	1056766.569	98.99110	45.053
**		1.617000	744112.815	1056766.574	100.45549	42.001
**		1.618000	744113.815	1056766.554	102.02256	39.336
**		1.619000	744114.814	1056766.510	103.69232	36.989
**		1.620000	744115.811	1056766.438	105.46475	34.907
**		1.621000	744116.806	1056766.338	107.33987	33.046
**		1.622000	744117.798	1056766.207	109.31766	31.374
PK		1.622238	744118.033	1056766.172	109.80350	31.001
**		1.623000	744118.784	1056766.046	111.36836	31.000
**		1.624000	744119.765	1056765.852	113.42197	31.000
**		1.625000	744120.740	1056765.627	115.47558	31.000
**		1.626000	744121.706	1056765.371	117.52919	31.000
**		1.627000	744122.664	1056765.084	119.58280	31.000
**		1.628000	744123.612	1056764.765	121.63642	31.000
**		1.629000	744124.549	1056764.417	123.69003	31.000
**		1.630000	744125.475	1056764.038	125.74364	31.000
**		1.631000	744126.388	1056763.630	127.79725	31.000
**		1.632000	744127.287	1056763.193	129.85087	31.000
**		1.633000	744128.172	1056762.727	131.90448	31.000
**		1.634000	744129.041	1056762.232	133.95809	31.000
**		1.635000	744129.893	1056761.710	136.01170	31.000
**		1.636000	744130.729	1056761.160	138.06531	31.000
KP		1.636374	744131.037	1056760.948	138.83336	31.000
**		1.637000	744131.546	1056760.584	140.10709	31.581
**		1.638000	744132.345	1056759.982	142.09270	32.557
**		1.639000	744133.125	1056759.356	144.01790	33.595
**		1.640000	744133.886	1056758.708	145.88271	34.701
**		1.641000	744134.627	1056758.037	147.68711	35.882
**		1.642000	744135.350	1056757.346	149.43112	37.147
**		1.643000	744136.054	1056756.636	151.11472	38.504
**		1.644000	744136.739	1056755.908	152.73793	39.963
**		1.645000	744137.406	1056755.163	154.30073	41.538
**		1.646000	744138.055	1056754.402	155.80313	43.243
**		1.647000	744138.686	1056753.626	157.24513	45.093
**		1.648000	744139.300	1056752.836	158.62674	47.108
**		1.649000	744139.896	1056752.034	159.94794	49.312
**		1.650000	744140.477	1056751.219	161.20874	51.732
**		1.651000	744141.041	1056750.394	162.40914	54.403
**		1.652000	744141.591	1056749.558	163.54914	57.363
**		1.653000	744142.125	1056748.713	164.62874	60.665
**		1.654000	744142.646	1056747.859	165.64794	64.370
**		1.655000	744143.153	1056746.998	166.60674	68.557
**		1.656000	744143.648	1056746.129	167.50514	73.326
**		1.657000	744144.130	1056745.253	168.34314	78.809
**		1.658000	744144.602	1056744.371	169.12074	85.178
**		1.659000	744145.063	1056743.484	169.83794	92.667
**		1.660000	744145.515	1056742.591	170.49473	101.599
**		1.661000	744145.957	1056741.695	171.09113	112.438
**		1.662000	744146.392	1056740.794	171.62713	125.865
**		1.663000	744146.820	1056739.890	172.10272	142.933
**		1.664000	744147.241	1056738.983	172.51792	165.357
**		1.665000	744147.657	1056738.074	172.87272	196.127
**		1.666000	744148.068	1056737.162	173.16711	240.965
**		1.667000	744148.475	1056736.249	173.40111	312.382
**		1.668000	744148.880	1056735.335	173.57470	443.963
**		1.669000	744149.282	1056734.419	173.68790	767.064
**		1.670000	744149.683	1056733.503	173.74069	2817.648
PT		1.670374	744149.833	1056733.160	173.74492	.000
**		1.671000	744150.084	1056732.587	173.74492	.000
**		1.672000	744150.485	1056731.671	173.74492	.000
**		1.673000	744150.886	1056730.755	173.74492	.000
**		1.674000	744151.287	1056729.839	173.74492	.000
**		1.675000	744151.688	1056728.922	173.74492	.000
**		1.676000	744152.088	1056728.006	173.74492	.000
**		1.677000	744152.489	1056727.090	173.74492	.000
**		1.678000	744152.890	1056726.174	173.74492	.000

**	1.679000	744153.291	1056725.258	173.74492	.000
**	1.680000	744153.692	1056724.342	173.74492	.000
**	1.681000	744154.092	1056723.425	173.74492	.000
**	1.682000	744154.493	1056722.509	173.74492	.000
**	1.683000	744154.894	1056721.593	173.74492	.000
**	1.684000	744155.295	1056720.677	173.74492	.000
**	1.685000	744155.696	1056719.761	173.74492	.000
**	1.686000	744156.097	1056718.845	173.74492	.000
**	1.687000	744156.497	1056717.928	173.74492	.000
**	1.688000	744156.898	1056717.012	173.74492	.000
**	1.689000	744157.299	1056716.096	173.74492	.000
**	1.690000	744157.700	1056715.180	173.74492	.000
**	1.691000	744158.101	1056714.264	173.74492	.000
**	1.692000	744158.502	1056713.348	173.74492	.000
**	1.693000	744158.902	1056712.432	173.74492	.000
**	1.694000	744159.303	1056711.515	173.74492	.000
**	1.695000	744159.704	1056710.599	173.74492	.000
**	1.696000	744160.105	1056709.683	173.74492	.000
**	1.697000	744160.506	1056708.767	173.74492	.000
**	1.698000	744160.906	1056707.851	173.74492	.000
**	1.699000	744161.307	1056706.935	173.74492	.000
**	1.700000	744161.708	1056706.018	173.74492	.000
**	1.701000	744162.109	1056705.102	173.74492	.000
**	1.702000	744162.510	1056704.186	173.74492	.000
**	1.703000	744162.911	1056703.270	173.74492	.000
**	1.704000	744163.311	1056702.354	173.74492	.000
**	1.705000	744163.712	1056701.438	173.74492	.000
**	1.706000	744164.113	1056700.522	173.74492	.000
**	1.707000	744164.514	1056699.605	173.74492	.000
**	1.708000	744164.915	1056698.689	173.74492	.000
**	1.709000	744165.316	1056697.773	173.74492	.000
**	1.710000	744165.716	1056696.857	173.74492	.000
**	1.711000	744166.117	1056695.941	173.74492	.000
**	1.712000	744166.518	1056695.025	173.74492	.000
**	1.713000	744166.919	1056694.108	173.74492	.000
**	1.714000	744167.320	1056693.192	173.74492	.000
**	1.715000	744167.720	1056692.276	173.74492	.000
**	1.716000	744168.121	1056691.360	173.74492	.000
**	1.717000	744168.522	1056690.444	173.74492	.000
**	1.718000	744168.923	1056689.528	173.74492	.000
**	1.719000	744169.324	1056688.611	173.74492	.000
**	1.720000	744169.725	1056687.695	173.74492	.000
**	1.721000	744170.125	1056686.779	173.74492	.000
**	1.722000	744170.526	1056685.863	173.74492	.000
**	1.723000	744170.927	1056684.947	173.74492	.000
**	1.724000	744171.328	1056684.031	173.74492	.000
**	1.725000	744171.729	1056683.115	173.74492	.000
**	1.726000	744172.129	1056682.198	173.74492	.000
**	1.727000	744172.530	1056681.282	173.74492	.000
**	1.728000	744172.931	1056680.366	173.74492	.000
**	1.729000	744173.332	1056679.450	173.74492	.000
**	1.730000	744173.733	1056678.534	173.74492	.000
**	1.731000	744174.134	1056677.618	173.74492	.000
**	1.732000	744174.534	1056676.701	173.74492	.000
TP	1.732599	744174.775	1056676.153	173.74492	.000
**	1.733000	744174.935	1056675.785	173.74164	-3895.032
**	1.734000	744175.336	1056674.869	173.70490	-1113.880
**	1.735000	744175.738	1056673.954	173.62734	-649.862
**	1.736000	744176.142	1056673.039	173.50897	-458.755
**	1.737000	744176.547	1056672.124	173.34979	-354.504
**	1.738000	744176.955	1056671.211	173.14981	-288.862
**	1.739000	744177.366	1056670.300	172.90902	-243.731
**	1.740000	744177.781	1056669.390	172.62741	-210.796
**	1.741000	744178.200	1056668.482	172.30500	-185.703
**	1.742000	744178.624	1056667.576	171.94178	-165.948
**	1.743000	744179.053	1056666.673	171.53775	-149.993
**	1.744000	744179.488	1056665.773	171.09291	-136.836
**	1.745000	744179.930	1056664.876	170.60727	-125.801
**	1.746000	744180.380	1056663.982	170.08081	-116.413
**	1.747000	744180.836	1056663.093	169.51354	-108.329
**	1.748000	744181.301	1056662.207	168.90547	-101.295
**	1.749000	744181.775	1056661.327	168.25659	-95.119
**	1.750000	744182.258	1056660.451	167.56689	-89.653
**	1.751000	744182.751	1056659.581	166.83639	-84.780
**	1.752000	744183.254	1056658.717	166.06508	-80.410
**	1.753000	744183.767	1056657.859	165.25296	-76.469
**	1.754000	744184.292	1056657.007	164.40004	-72.895
**	1.755000	744184.828	1056656.163	163.50630	-69.641
**	1.756000	744185.377	1056655.327	162.57175	-66.665
**	1.757000	744185.938	1056654.499	161.59640	-63.933
**	1.758000	744186.511	1056653.680	160.58023	-61.416
**	1.759000	744187.099	1056652.871	159.52326	-59.090
**	1.760000	744187.699	1056652.071	158.42548	-56.933
**	1.761000	744188.314	1056651.283	157.28689	-54.929
**	1.762000	744188.943	1056650.505	156.10749	-53.060
PK	1.762599	744189.326	1056650.045	155.38148	-52.001
**	1.763000	744189.586	1056649.740	154.89055	-52.000
**	1.764000	744190.244	1056648.987	153.66628	-52.000
**	1.765000	744190.917	1056648.246	152.44202	-52.000
**	1.766000	744191.603	1056647.519	151.21775	-52.000
**	1.767000	744192.303	1056646.806	149.99348	-52.000
**	1.768000	744193.017	1056646.105	148.76921	-52.000
**	1.769000	744193.745	1056645.419	147.54494	-52.000
**	1.770000	744194.485	1056644.747	146.32067	-52.000
**	1.771000	744195.238	1056644.089	145.09640	-52.000
**	1.772000	744196.004	1056643.446	143.87213	-52.000
**	1.773000	744196.782	1056642.817	142.64787	-52.000
**	1.774000	744197.571	1056642.204	141.42360	-52.000
**	1.775000	744198.373	1056641.606	140.19933	-52.000
**	1.776000	744199.186	1056641.023	138.97506	-52.000
**	1.777000	744200.009	1056640.457	137.75079	-52.000
**	1.778000	744200.844	1056639.906	136.52652	-52.000
**	1.779000	744201.689	1056639.371	135.30225	-52.000
**	1.780000	744202.544	1056638.853	134.07798	-52.000

**	1.781000	744203.409	1056638.351	132.85371	-52.000
**	1.782000	744204.284	1056637.866	131.62945	-52.000
**	1.783000	744205.167	1056637.398	130.40518	-52.000
**	1.784000	744206.060	1056636.947	129.18091	-52.000
**	1.785000	744206.961	1056636.513	127.95664	-52.000
**	1.786000	744207.870	1056636.096	126.73237	-52.000
**	1.787000	744208.787	1056635.697	125.50810	-52.000
**	1.788000	744209.711	1056635.316	124.28383	-52.000
**	1.789000	744210.643	1056634.953	123.05956	-52.000
**	1.790000	744211.581	1056634.608	121.83530	-52.000
KP	1.790691	744212.234	1056634.380	120.98933	-52.000
	1.791000	744212.526	1056634.280	120.61232	-52.359
**	1.792000	744213.477	1056633.971	119.41006	-53.558
**	1.793000	744214.434	1056633.680	118.23500	-54.812
**	1.794000	744215.396	1056633.406	117.08715	-56.127
**	1.795000	744216.362	1056633.149	115.96650	-57.506
**	1.796000	744217.333	1056632.910	114.87306	-58.955
**	1.797000	744218.308	1056632.686	113.80682	-60.479
**	1.798000	744219.286	1056632.479	112.76779	-62.083
**	1.799000	744220.268	1056632.288	111.75597	-63.775
**	1.800000	744221.252	1056632.112	110.77135	-65.562
**	1.801000	744222.239	1056631.951	109.81394	-67.452
**	1.802000	744223.228	1056631.805	108.88374	-69.454
**	1.803000	744224.219	1056631.673	107.98074	-71.579
**	1.804000	744225.212	1056631.554	107.10494	-73.837
**	1.805000	744226.207	1056631.450	106.25635	-76.243
**	1.806000	744227.203	1056631.358	105.43497	-78.811
**	1.807000	744228.200	1056631.279	104.64080	-81.558
**	1.808000	744229.197	1056631.212	103.87383	-84.503
**	1.809000	744230.196	1056631.157	103.13406	-87.669
**	1.810000	744231.195	1056631.114	102.42151	-91.082
**	1.811000	744232.194	1056631.081	101.73616	-94.771
**	1.812000	744233.194	1056631.059	101.07801	-98.771
**	1.813000	744234.194	1056631.047	100.44707	-103.124
**	1.814000	744235.194	1056631.045	99.84334	-107.878
**	1.815000	744236.194	1056631.052	99.26681	-113.091
**	1.816000	744237.194	1056631.068	98.71749	-118.835
**	1.817000	744238.194	1056631.092	98.19537	-125.192
**	1.818000	744239.193	1056631.124	97.70046	-132.269
**	1.819000	744240.192	1056631.164	97.23276	-140.193
**	1.820000	744241.191	1056631.211	96.79226	-149.128
**	1.821000	744242.190	1056631.265	96.37897	-159.279
**	1.822000	744243.188	1056631.325	95.99288	-170.912
**	1.823000	744244.186	1056631.390	95.63400	-184.379
**	1.824000	744245.183	1056631.461	95.30233	-200.150
**	1.825000	744246.180	1056631.538	94.99786	-218.871
**	1.826000	744247.177	1056631.618	94.72060	-241.456
**	1.827000	744248.173	1056631.703	94.47054	-269.237
**	1.828000	744249.169	1056631.792	94.24769	-304.243
**	1.829000	744250.165	1056631.883	94.05205	-349.712
**	1.830000	744251.161	1056631.978	93.88361	-411.160
**	1.831000	744252.156	1056632.075	93.74238	-498.804
**	1.832000	744253.151	1056632.174	93.62835	-633.936
**	1.833000	744254.146	1056632.275	93.54153	-869.494
**	1.834000	744255.141	1056632.377	93.48191	-1383.615
**	1.835000	744256.136	1056632.479	93.44951	-3385.310
PT	1.835691	744256.823	1056632.550	93.44301	.000
	1.836000	744257.130	1056632.582	93.44301	.000
**	1.837000	744258.125	1056632.685	93.44301	.000
**	1.838000	744259.120	1056632.788	93.44301	.000
**	1.839000	744260.114	1056632.890	93.44301	.000
**	1.840000	744261.109	1056632.993	93.44301	.000
**	1.841000	744262.104	1056633.096	93.44301	.000
**	1.842000	744263.098	1056633.199	93.44301	.000
**	1.843000	744264.093	1056633.302	93.44301	.000
**	1.844000	744265.088	1056633.404	93.44301	.000
**	1.845000	744266.083	1056633.507	93.44301	.000
**	1.846000	744267.077	1056633.610	93.44301	.000
**	1.847000	744268.072	1056633.713	93.44301	.000
**	1.848000	744269.067	1056633.816	93.44301	.000
**	1.849000	744270.061	1056633.919	93.44301	.000
**	1.850000	744271.056	1056634.021	93.44301	.000
**	1.851000	744272.051	1056634.124	93.44301	.000
**	1.852000	744273.045	1056634.227	93.44301	.000
**	1.853000	744274.040	1056634.330	93.44301	.000
**	1.854000	744275.035	1056634.433	93.44301	.000
**	1.855000	744276.030	1056634.535	93.44301	.000
**	1.856000	744277.024	1056634.638	93.44301	.000
**	1.857000	744278.019	1056634.741	93.44301	.000
TK	1.857529	744278.545	1056634.795	93.44301	-450.000
	1.858000	744279.014	1056634.844	93.37637	-450.000
**	1.859000	744280.008	1056634.949	93.23490	-450.000
**	1.860000	744281.002	1056635.056	93.09343	-450.000
**	1.861000	744281.996	1056635.166	92.95196	-450.000
**	1.862000	744282.990	1056635.277	92.81049	-450.000
**	1.863000	744283.984	1056635.391	92.66902	-450.000
**	1.864000	744284.977	1056635.507	92.52755	-450.000
**	1.865000	744285.970	1056635.625	92.38607	-450.000
**	1.866000	744286.963	1056635.746	92.24460	-450.000
**	1.867000	744287.955	1056635.868	92.10313	-450.000
**	1.868000	744288.947	1056635.993	91.96166	-450.000
**	1.869000	744289.939	1056636.120	91.82019	-450.000
**	1.870000	744290.931	1056636.249	91.67872	-450.000
**	1.871000	744291.922	1056636.381	91.53725	-450.000
**	1.872000	744292.913	1056636.514	91.39578	-450.000
**	1.873000	744293.904	1056636.650	91.25431	-450.000
**	1.874000	744294.894	1056636.788	91.11284	-450.000
**	1.875000	744295.884	1056636.929	90.97136	-450.000
**	1.876000	744296.874	1056637.071	90.82989	-450.000
**	1.877000	744297.864	1056637.216	90.68842	-450.000
**	1.878000	744298.853	1056637.362	90.54695	-450.000
**	1.879000	744299.842	1056637.512	90.40548	-450.000
**	1.880000	744300.830	1056637.663	90.26401	-450.000
**	1.881000	744301.818	1056637.816	90.12254	-450.000

**	1.882000	744302.806	1056637.972	89.98107	-450.000
**	1.883000	744303.794	1056638.130	89.83960	-450.000
**	1.884000	744304.781	1056638.290	89.69812	-450.000
**	1.885000	744305.767	1056638.452	89.55665	-450.000
**	1.886000	744306.754	1056638.616	89.41518	-450.000
**	1.887000	744307.740	1056638.783	89.27371	-450.000
**	1.888000	744308.726	1056638.952	89.13224	-450.000
**	1.889000	744309.711	1056639.123	88.99077	-450.000
**	1.890000	744310.696	1056639.296	88.84930	-450.000
**	1.891000	744311.680	1056639.471	88.70783	-450.000
**	1.892000	744312.664	1056639.649	88.56636	-450.000
**	1.893000	744313.648	1056639.828	88.42488	-450.000
**	1.894000	744314.631	1056640.010	88.28341	-450.000
**	1.895000	744315.614	1056640.194	88.14194	-450.000
**	1.896000	744316.597	1056640.381	88.00047	-450.000
**	1.897000	744317.579	1056640.569	87.85900	-450.000
**	1.898000	744318.560	1056640.760	87.71753	-450.000
**	1.899000	744319.542	1056640.953	87.57606	-450.000
**	1.900000	744320.523	1056641.148	87.43459	-450.000
**	1.901000	744321.503	1056641.345	87.29312	-450.000
**	1.902000	744322.483	1056641.544	87.15165	-450.000
**	1.903000	744323.462	1056641.746	87.01017	-450.000
**	1.904000	744324.441	1056641.950	86.86870	-450.000
**	1.905000	744325.420	1056642.155	86.72723	-450.000
**	1.906000	744326.398	1056642.363	86.58576	-450.000
**	1.907000	744327.376	1056642.574	86.44429	-450.000
**	1.908000	744328.353	1056642.786	86.30282	-450.000
**	1.909000	744329.330	1056643.001	86.16135	-450.000
**	1.910000	744330.306	1056643.217	86.01988	-450.000
**	1.911000	744331.282	1056643.436	85.87841	-450.000
**	1.912000	744332.257	1056643.657	85.73693	-450.000
**	1.913000	744333.232	1056643.881	85.59546	-450.000
**	1.914000	744334.206	1056644.106	85.45399	-450.000
**	1.915000	744335.180	1056644.334	85.31252	-450.000
**	1.916000	744336.153	1056644.564	85.17105	-450.000
**	1.917000	744337.126	1056644.795	85.02958	-450.000
**	1.918000	744338.098	1056645.029	84.88811	-450.000
**	1.919000	744339.069	1056645.266	84.74664	-450.000
**	1.920000	744340.041	1056645.504	84.60517	-450.000
**	1.921000	744341.011	1056645.745	84.46370	-450.000
**	1.922000	744341.981	1056645.987	84.32222	-450.000
KT	1.922224	744342.198	1056646.042	84.29058	.000
**	1.923000	744342.951	1056646.232	84.29058	.000
**	1.924000	744343.921	1056646.476	84.29058	.000
**	1.925000	744344.890	1056646.720	84.29058	.000
**	1.926000	744345.860	1056646.964	84.29058	.000
**	1.927000	744346.830	1056647.209	84.29058	.000
**	1.928000	744347.800	1056647.453	84.29058	.000
**	1.929000	744348.769	1056647.697	84.29058	.000
**	1.930000	744349.739	1056647.941	84.29058	.000
**	1.931000	744350.709	1056648.186	84.29058	.000
**	1.932000	744351.678	1056648.430	84.29058	.000
**	1.933000	744352.648	1056648.674	84.29058	.000
**	1.934000	744353.618	1056648.919	84.29058	.000
**	1.935000	744354.588	1056649.163	84.29058	.000
**	1.936000	744355.557	1056649.407	84.29058	.000
**	1.937000	744356.527	1056649.651	84.29058	.000
**	1.938000	744357.497	1056649.896	84.29058	.000
**	1.939000	744358.466	1056650.140	84.29058	.000
**	1.940000	744359.436	1056650.384	84.29058	.000
TK	1.940791	744360.203	1056650.577	84.29058	.000
**	1.941000	744360.406	1056650.628	84.32855	350.000
**	1.942000	744361.376	1056650.871	84.51045	350.000
**	1.943000	744362.347	1056651.110	84.69234	350.000
**	1.944000	744363.318	1056651.347	84.87423	350.000
**	1.945000	744364.291	1056651.581	85.05612	350.000
**	1.946000	744365.264	1056651.812	85.23801	350.000
**	1.947000	744366.237	1056652.040	85.41990	350.000
**	1.948000	744367.211	1056652.266	85.60179	350.000
**	1.949000	744368.186	1056652.489	85.78369	350.000
**	1.950000	744369.162	1056652.709	85.96558	350.000
**	1.951000	744370.138	1056652.926	86.14747	350.000
**	1.952000	744371.115	1056653.141	86.32936	350.000
**	1.953000	744372.092	1056653.353	86.51125	350.000
**	1.954000	744373.070	1056653.561	86.69314	350.000
**	1.955000	744374.048	1056653.768	86.87503	350.000
**	1.956000	744375.027	1056653.971	87.05693	350.000
**	1.957000	744376.007	1056654.171	87.23882	350.000
**	1.958000	744376.987	1056654.369	87.42071	350.000
**	1.959000	744377.968	1056654.564	87.60260	350.000
**	1.960000	744378.950	1056654.756	87.78449	350.000
**	1.961000	744379.932	1056654.945	87.96638	350.000
**	1.962000	744380.914	1056655.132	88.14827	350.000
**	1.963000	744381.897	1056655.316	88.33016	350.000
**	1.964000	744382.880	1056655.496	88.51206	350.000
**	1.965000	744383.865	1056655.675	88.69395	350.000
**	1.966000	744384.849	1056655.850	88.87584	350.000
**	1.967000	744385.834	1056656.022	89.05773	350.000
**	1.968000	744386.820	1056656.192	89.23962	350.000
**	1.969000	744387.806	1056656.359	89.42151	350.000
**	1.970000	744388.792	1056656.523	89.60340	350.000
**	1.971000	744389.779	1056656.684	89.78530	350.000
**	1.972000	744390.766	1056656.842	89.96719	350.000
**	1.973000	744391.754	1056656.998	90.14908	350.000
**	1.974000	744392.742	1056657.150	90.33097	350.000
**	1.975000	744393.731	1056657.300	90.51286	350.000
**	1.976000	744394.720	1056657.447	90.69475	350.000
**	1.977000	744395.710	1056657.592	90.87664	350.000
**	1.978000	744396.700	1056657.733	91.05854	350.000
**	1.979000	744397.690	1056657.872	91.24043	350.000
**	1.980000	744398.681	1056658.007	91.42232	350.000
**	1.981000	744399.672	1056658.140	91.60421	350.000
**	1.982000	744400.663	1056658.270	91.78610	350.000
**	1.983000	744401.655	1056658.398	91.96799	350.000

**	1.984000	744402.648	1056658.522	92.14988	350.000
**	1.985000	744403.640	1056658.644	92.33177	350.000
**	1.986000	744404.633	1056658.762	92.51367	350.000
**	1.987000	744405.626	1056658.878	92.69556	350.000
**	1.988000	744406.620	1056658.991	92.87745	350.000
**	1.989000	744407.614	1056659.101	93.05934	350.000
**	1.990000	744408.608	1056659.209	93.24123	350.000
**	1.991000	744409.603	1056659.313	93.42312	350.000
**	1.992000	744410.597	1056659.415	93.60501	350.000
**	1.993000	744411.592	1056659.514	93.78691	350.000
**	1.994000	744412.588	1056659.610	93.96880	350.000
**	1.995000	744413.584	1056659.703	94.15069	350.000
**	1.996000	744414.579	1056659.794	94.33258	350.000
**	1.997000	744415.576	1056659.881	94.51447	350.000
**	1.998000	744416.572	1056659.966	94.69636	350.000
**	1.999000	744417.569	1056660.047	94.87825	350.000
**	2.000000	744418.566	1056660.126	95.06015	350.000
**	2.001000	744419.563	1056660.202	95.24204	350.000
**	2.002000	744420.560	1056660.276	95.42393	350.000
KT	2.002341	744420.900	1056660.300	95.48595	350.000
**	2.003000	744421.557	1056660.347	95.48597	.000
**	2.004000	744422.555	1056660.418	95.48597	.000
**	2.005000	744423.552	1056660.488	95.48597	.000
**	2.006000	744424.550	1056660.559	95.48597	.000
**	2.007000	744425.547	1056660.630	95.48597	.000
**	2.008000	744426.545	1056660.701	95.48597	.000
**	2.009000	744427.542	1056660.772	95.48597	.000
**	2.010000	744428.540	1056660.843	95.48597	.000
**	2.011000	744429.537	1056660.913	95.48597	.000
**	2.012000	744430.535	1056660.984	95.48597	.000
**	2.013000	744431.532	1056661.055	95.48597	.000
**	2.014000	744432.530	1056661.126	95.48597	.000
**	2.015000	744433.527	1056661.197	95.48597	.000
**	2.016000	744434.525	1056661.268	95.48597	.000
**	2.017000	744435.522	1056661.339	95.48597	.000
**	2.018000	744436.520	1056661.409	95.48597	.000
**	2.019000	744437.517	1056661.480	95.48597	.000
**	2.020000	744438.515	1056661.551	95.48597	.000
**	2.021000	744439.512	1056661.622	95.48597	.000
TP	2.021946	744440.456	1056661.689	95.48597	.000
**	2.022000	744440.510	1056661.693	95.48598	249715.368
**	2.023000	744441.507	1056661.764	95.48859	12807.601
**	2.024000	744442.505	1056661.834	95.49592	6572.344
**	2.025000	744443.502	1056661.905	95.50796	4420.343
**	2.026000	744444.500	1056661.975	95.52472	3329.994
**	2.027000	744445.497	1056662.045	95.54620	2671.119
**	2.028000	744446.495	1056662.115	95.57239	2229.908
**	2.029000	744447.492	1056662.184	95.60330	1913.791
**	2.030000	744448.490	1056662.253	95.63892	1676.173
**	2.031000	744449.488	1056662.321	95.67926	1491.044
**	2.032000	744450.485	1056662.389	95.72431	1342.741
**	2.033000	744451.483	1056662.455	95.77408	1221.271
**	2.034000	744452.481	1056662.521	95.82857	1119.954
**	2.035000	744453.479	1056662.586	95.88777	1034.161
**	2.036000	744454.477	1056662.650	95.95169	960.576
**	2.037000	744455.475	1056662.713	96.02032	896.768
**	2.038000	744456.473	1056662.775	96.09367	840.909
**	2.039000	744457.471	1056662.836	96.17173	791.600
**	2.040000	744458.469	1056662.896	96.25451	747.754
**	2.041000	744459.468	1056662.954	96.34201	708.510
**	2.042000	744460.466	1056663.010	96.43422	673.180
**	2.043000	744461.465	1056663.066	96.53114	641.206
**	2.044000	744462.463	1056663.119	96.63279	612.132
**	2.045000	744463.462	1056663.171	96.73914	585.580
**	2.046000	744464.460	1056663.222	96.85022	561.236
**	2.047000	744465.459	1056663.270	96.96601	538.835
**	2.048000	744466.458	1056663.317	97.08651	518.153
**	2.049000	744467.457	1056663.362	97.21173	499.001
**	2.050000	744468.456	1056663.404	97.34167	481.214
**	2.051000	744469.455	1056663.445	97.47632	464.651
PK	2.051946	744470.401	1056663.482	97.60804	450.000
**	2.052000	744470.455	1056663.484	97.61569	450.000
**	2.053000	744471.454	1056663.520	97.75716	450.000
**	2.054000	744472.453	1056663.554	97.89863	450.000
**	2.055000	744473.453	1056663.586	98.04010	450.000
**	2.056000	744474.452	1056663.616	98.18157	450.000
**	2.057000	744475.452	1056663.643	98.32304	450.000
**	2.058000	744476.452	1056663.668	98.46451	450.000
**	2.059000	744477.452	1056663.691	98.60598	450.000
**	2.060000	744478.451	1056663.712	98.74745	450.000
**	2.061000	744479.451	1056663.731	98.88892	450.000
**	2.062000	744480.451	1056663.747	99.03040	450.000
**	2.063000	744481.451	1056663.761	99.17187	450.000
**	2.064000	744482.451	1056663.773	99.31334	450.000
**	2.065000	744483.451	1056663.783	99.45481	450.000
**	2.066000	744484.451	1056663.790	99.59628	450.000
**	2.067000	744485.451	1056663.795	99.73775	450.000
**	2.068000	744486.451	1056663.798	99.87922	450.000
**	2.069000	744487.451	1056663.799	100.02069	450.000
**	2.070000	744488.451	1056663.798	100.16216	450.000
**	2.071000	744489.451	1056663.794	100.30364	450.000
**	2.072000	744490.451	1056663.788	100.44511	450.000
**	2.073000	744491.451	1056663.780	100.58658	450.000
**	2.074000	744492.451	1056663.770	100.72805	450.000
**	2.075000	744493.451	1056663.757	100.86952	450.000
**	2.076000	744494.450	1056663.743	101.01099	450.000
**	2.077000	744495.450	1056663.726	101.15246	450.000
**	2.078000	744496.450	1056663.706	101.29393	450.000
**	2.079000	744497.450	1056663.685	101.43540	450.000
**	2.080000	744498.450	1056663.661	101.57687	450.000
**	2.081000	744499.449	1056663.635	101.71835	450.000
**	2.082000	744500.449	1056663.607	101.85982	450.000
**	2.083000	744501.448	1056663.577	102.00129	450.000
**	2.084000	744502.448	1056663.544	102.14276	450.000

**	2.085000	744503.447	1056663.510	102.28423	450.000
**	2.086000	744504.447	1056663.473	102.42570	450.000
**	2.087000	744505.446	1056663.433	102.56717	450.000
**	2.088000	744506.445	1056663.392	102.70864	450.000
**	2.089000	744507.444	1056663.348	102.85011	450.000
**	2.090000	744508.443	1056663.303	102.99159	450.000
**	2.091000	744509.442	1056663.254	103.13306	450.000
**	2.092000	744510.441	1056663.204	103.27453	450.000
**	2.093000	744511.439	1056663.152	103.41600	450.000
**	2.094000	744512.438	1056663.097	103.55747	450.000
**	2.095000	744513.436	1056663.040	103.69894	450.000
**	2.096000	744514.434	1056662.981	103.84041	450.000
**	2.097000	744515.432	1056662.919	103.98188	450.000
**	2.098000	744516.430	1056662.856	104.12335	450.000
**	2.099000	744517.428	1056662.790	104.26482	450.000
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**	2.101000	744519.423	1056662.652	104.54777	450.000
**	2.102000	744520.421	1056662.579	104.68924	450.000
**	2.103000	744521.418	1056662.504	104.83071	450.000
**	2.104000	744522.415	1056662.427	104.97218	450.000
**	2.105000	744523.412	1056662.348	105.11365	450.000
**	2.106000	744524.409	1056662.267	105.25512	450.000
**	2.107000	744525.405	1056662.183	105.39659	450.000
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**	2.109000	744527.398	1056662.010	105.67954	450.000
**	2.110000	744528.393	1056661.919	105.82101	450.000
**	2.111000	744529.389	1056661.827	105.96248	450.000
**	2.112000	744530.385	1056661.732	106.10395	450.000
**	2.113000	744531.380	1056661.636	106.24542	450.000
**	2.114000	744532.375	1056661.537	106.38689	450.000
**	2.115000	744533.370	1056661.435	106.52836	450.000
KP	2.115229	744533.597	1056661.412	106.56073	450.000
**	2.116000	744534.365	1056661.332	106.66913	455.860
**	2.117000	744535.359	1056661.226	106.80761	463.688
**	2.118000	744536.353	1056661.118	106.94372	471.791
**	2.119000	744537.347	1056661.008	107.07748	480.181
**	2.120000	744538.341	1056660.896	107.20888	488.876
**	2.121000	744539.334	1056660.782	107.33792	497.891
**	2.122000	744540.327	1056660.666	107.46461	507.245
**	2.123000	744541.321	1056660.549	107.58893	516.956
**	2.124000	744542.313	1056660.429	107.71090	527.048
**	2.125000	744543.306	1056660.307	107.83051	537.541
**	2.126000	744544.298	1056660.183	107.94777	548.460
**	2.127000	744545.290	1056660.058	108.06266	559.832
**	2.128000	744546.282	1056659.931	108.17520	571.685
**	2.129000	744547.274	1056659.802	108.28538	584.052
**	2.130000	744548.265	1056659.671	108.39320	596.965
**	2.131000	744549.256	1056659.539	108.49866	610.462
**	2.132000	744550.247	1056659.405	108.60177	624.584
**	2.133000	744551.238	1056659.269	108.70252	639.375
**	2.134000	744552.229	1056659.132	108.80091	654.883
**	2.135000	744553.219	1056658.994	108.89694	671.162
**	2.136000	744554.209	1056658.854	108.99061	688.270
**	2.137000	744555.199	1056658.712	109.08193	706.274
**	2.138000	744556.189	1056658.569	109.17089	725.246
**	2.139000	744557.179	1056658.425	109.25749	745.264
**	2.140000	744558.168	1056658.280	109.34173	766.419
**	2.141000	744559.157	1056658.133	109.42362	788.810
**	2.142000	744560.146	1056657.985	109.50315	812.549
**	2.143000	744561.135	1056657.835	109.58032	837.761
**	2.144000	744562.123	1056657.685	109.65513	864.587
**	2.145000	744563.112	1056657.533	109.72758	893.189
**	2.146000	744564.100	1056657.380	109.79768	923.747
**	2.147000	744565.088	1056657.227	109.86542	956.471
**	2.148000	744566.076	1056657.072	109.93080	991.598
**	2.149000	744567.064	1056656.916	109.99382	1029.404
**	2.150000	744568.052	1056656.759	110.05448	1070.207
**	2.151000	744569.039	1056656.601	110.11279	1114.378
**	2.152000	744570.026	1056656.443	110.16874	1162.352
**	2.153000	744571.014	1056656.283	110.22233	1214.642
**	2.154000	744572.001	1056656.123	110.27356	1271.859
**	2.155000	744572.988	1056655.962	110.32244	1334.733
**	2.156000	744573.974	1056655.800	110.36896	1404.146
**	2.157000	744574.961	1056655.638	110.41311	1481.175
**	2.158000	744575.948	1056655.474	110.45492	1567.146
**	2.159000	744576.934	1056655.311	110.49436	1663.712
**	2.160000	744577.921	1056655.146	110.53145	1772.960
**	2.161000	744578.907	1056654.981	110.56618	1897.564
**	2.162000	744579.893	1056654.816	110.59855	2041.006
**	2.163000	744580.879	1056654.650	110.62856	2207.909
**	2.164000	744581.865	1056654.484	110.65621	2404.538
**	2.165000	744582.851	1056654.317	110.68151	2639.614
**	2.166000	744583.837	1056654.150	110.70445	2925.634
**	2.167000	744584.823	1056653.982	110.72503	3281.172
**	2.168000	744585.809	1056653.814	110.74325	3735.077
**	2.169000	744586.795	1056653.646	110.75912	4334.726
**	2.170000	744587.780	1056653.478	110.77263	5163.741
**	2.171000	744588.766	1056653.309	110.78378	6384.839
**	2.172000	744589.752	1056653.141	110.79257	8362.324
**	2.173000	744590.737	1056652.972	110.79900	12114.320
**	2.174000	744591.723	1056652.803	110.80308	21973.240
**	2.175000	744592.709	1056652.634	110.80480	118023.835
PT	2.175229	744592.934	1056652.596	110.80486	.000
TP	2.175676	744593.375	1056652.520	110.80486	.000
**	2.176000	744593.694	1056652.465	110.80446	-25889.339
**	2.177000	744594.680	1056652.296	110.79821	-6342.218
**	2.178000	744595.666	1056652.128	110.78438	-3613.746
**	2.179000	744596.651	1056651.959	110.76298	-2526.728
**	2.180000	744597.637	1056651.791	110.73399	-1942.440
**	2.181000	744598.623	1056651.624	110.69743	-1577.625
**	2.182000	744599.609	1056651.457	110.65329	-1328.177
**	2.183000	744600.595	1056651.291	110.60156	-1146.843
**	2.184000	744601.581	1056651.125	110.54226	-1009.075
**	2.185000	744602.568	1056650.961	110.47539	-900.857

**		2.186000	744603.554	1056650.798	110.40093	-813.602
**		2.187000	744604.541	1056650.636	110.31889	-741.757
**		2.188000	744605.528	1056650.475	110.22928	-681.572
**		2.189000	744606.515	1056650.316	110.13208	-630.420
**		2.190000	744607.503	1056650.158	110.02731	-586.410
**		2.191000	744608.491	1056650.002	109.91496	-548.143
**		2.192000	744609.479	1056649.848	109.79503	-514.565
**		2.193000	744610.467	1056649.696	109.66752	-484.864
**		2.194000	744611.456	1056649.545	109.53243	-458.404
**		2.195000	744612.445	1056649.397	109.38976	-434.682
**		2.196000	744613.434	1056649.251	109.23952	-413.295
**		2.197000	744614.424	1056649.108	109.08169	-393.914
**		2.198000	744615.414	1056648.967	108.91629	-376.269
**		2.199000	744616.404	1056648.829	108.74331	-360.137
**		2.200000	744617.395	1056648.693	108.56275	-345.331
**		2.201000	744618.386	1056648.561	108.37461	-331.695
**		2.202000	744619.378	1056648.431	108.17889	-319.095
**		2.203000	744620.369	1056648.305	107.97559	-307.417
**		2.204000	744621.362	1056648.181	107.76471	-296.563
**		2.205000	744622.355	1056648.061	107.54626	-286.450
PK		2.205676	744623.026	1056647.982	107.39439	-280.000
**		2.206000	744623.348	1056647.945	107.32062	-280.000
**		2.207000	744624.341	1056647.832	107.09326	-280.000
**		2.208000	744625.335	1056647.722	106.86590	-280.000
**		2.209000	744626.330	1056647.617	106.63853	-280.000
**		2.210000	744627.325	1056647.514	106.41117	-280.000
**		2.211000	744628.320	1056647.415	106.18380	-280.000
**		2.212000	744629.315	1056647.320	105.95644	-280.000
**		2.213000	744630.311	1056647.229	105.72908	-280.000
**		2.214000	744631.307	1056647.140	105.50171	-280.000
**		2.215000	744632.303	1056647.056	105.27435	-280.000
**		2.216000	744633.300	1056646.975	105.04698	-280.000
**		2.217000	744634.297	1056646.898	104.81962	-280.000
**		2.218000	744635.294	1056646.824	104.59225	-280.000
**		2.219000	744636.292	1056646.753	104.36489	-280.000
**		2.220000	744637.290	1056646.687	104.13753	-280.000
**		2.221000	744638.288	1056646.624	103.91016	-280.000
**		2.222000	744639.286	1056646.564	103.68280	-280.000
**		2.223000	744640.284	1056646.508	103.45543	-280.000
**		2.224000	744641.283	1056646.455	103.22807	-280.000
**		2.225000	744642.282	1056646.407	103.00070	-280.000
**		2.226000	744643.281	1056646.361	102.77334	-280.000
**		2.227000	744644.280	1056646.319	102.54598	-280.000
**		2.228000	744645.279	1056646.281	102.31861	-280.000
**		2.229000	744646.279	1056646.247	102.09125	-280.000
**		2.230000	744647.278	1056646.216	101.86388	-280.000
**		2.231000	744648.278	1056646.188	101.63652	-280.000
**		2.232000	744649.277	1056646.164	101.40916	-280.000
**		2.233000	744650.277	1056646.144	101.18179	-280.000
**		2.234000	744651.277	1056646.127	100.95443	-280.000
**		2.235000	744652.277	1056646.114	100.72706	-280.000
**		2.236000	744653.277	1056646.104	100.49970	-280.000
**		2.237000	744654.277	1056646.098	100.27233	-280.000
**		2.238000	744655.277	1056646.096	100.04497	-280.000
**		2.239000	744656.277	1056646.097	99.81761	-280.000
**		2.240000	744657.277	1056646.101	99.59024	-280.000
**		2.241000	744658.277	1056646.110	99.36288	-280.000
**		2.242000	744659.277	1056646.121	99.13551	-280.000
**		2.243000	744660.277	1056646.137	98.90815	-280.000
**		2.244000	744661.276	1056646.156	98.68078	-280.000
**		2.245000	744662.276	1056646.178	98.45342	-280.000
**		2.246000	744663.276	1056646.204	98.22606	-280.000
**		2.247000	744664.275	1056646.234	97.99869	-280.000
**		2.248000	744665.275	1056646.267	97.77133	-280.000
**		2.249000	744666.274	1056646.304	97.54396	-280.000
**		2.250000	744667.273	1056646.344	97.31660	-280.000
**		2.251000	744668.272	1056646.388	97.08924	-280.000
**		2.252000	744669.271	1056646.436	96.86187	-280.000
**		2.253000	744670.270	1056646.487	96.63451	-280.000
KP		2.253980	744671.248	1056646.540	96.41177	-280.000
**		2.254000	744671.269	1056646.541	96.40715	-280.285
**		2.255000	744672.267	1056646.599	96.18570	-295.053
**		2.256000	744673.265	1056646.661	95.97562	-311.464
**		2.257000	744674.263	1056646.726	95.77690	-329.807
**		2.258000	744675.261	1056646.794	95.58956	-350.446
**		2.259000	744676.258	1056646.864	95.41358	-373.841
**		2.260000	744677.255	1056646.937	95.24898	-400.583
**		2.261000	744678.252	1056647.013	95.09574	-431.445
**		2.262000	744679.249	1056647.091	94.95387	-467.460
**		2.263000	744680.246	1056647.172	94.82336	-510.035
**		2.264000	744681.243	1056647.254	94.70423	-561.143
**		2.265000	744682.239	1056647.338	94.59646	-623.633
**		2.266000	744683.236	1056647.423	94.50006	-701.787
**		2.267000	744684.232	1056647.510	94.41503	-802.334
**		2.268000	744685.228	1056647.598	94.34137	-936.512
**		2.269000	744686.224	1056647.688	94.27908	-1124.581
**		2.270000	744687.220	1056647.778	94.22815	-1407.165
**		2.271000	744688.216	1056647.869	94.18860	-1879.426
**		2.272000	744689.212	1056647.960	94.16041	-2828.806
**		2.273000	744690.207	1056648.052	94.14359	-5716.423
PT		2.273980	744691.183	1056648.142	94.13813	.000
**		2.274000	744691.203	1056648.144	94.13813	.000
**		2.275000	744692.199	1056648.236	94.13813	.000
**		2.276000	744693.195	1056648.328	94.13813	.000
**		2.277000	744694.190	1056648.420	94.13813	.000
**		2.278000	744695.186	1056648.512	94.13813	.000
**		2.279000	744696.182	1056648.603	94.13813	.000
**		2.280000	744697.178	1056648.695	94.13813	.000
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**		2.284000	744701.161	1056649.063	94.13813	.000
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**		2.286000	744703.152	1056649.247	94.13813	.000

**	2.287000	744704.148	1056649.339	94.13813	.000
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**	2.293000	744710.123	1056649.891	94.13813	.000
**	2.294000	744711.118	1056649.983	94.13813	.000
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**	2.303000	744720.080	1056650.810	94.13813	.000
**	2.304000	744721.076	1056650.902	94.13813	.000
**	2.305000	744722.072	1056650.994	94.13813	.000
**	2.306000	744723.068	1056651.086	94.13813	.000
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**	2.309000	744726.055	1056651.362	94.13813	.000
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**	2.311000	744728.046	1056651.546	94.13813	.000
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**	2.314000	744731.034	1056651.822	94.13813	.000
**	2.315000	744732.029	1056651.914	94.13813	.000
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**	2.317000	744734.021	1056652.097	94.13813	.000
**	2.318000	744735.017	1056652.189	94.13813	.000
**	2.319000	744736.012	1056652.281	94.13813	.000
**	2.320000	744737.008	1056652.373	94.13813	.000
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TP	2.321095	744738.098	1056652.474	94.13813	.000
**	2.322000	744739.000	1056652.557	94.14085	10602.254
**	2.323000	744739.996	1056652.649	94.15017	5038.133
**	2.324000	744740.991	1056652.741	94.16612	3304.115
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**	2.326000	744742.983	1056652.923	94.21792	1957.000
**	2.327000	744743.979	1056653.013	94.25377	1625.612
**	2.328000	744744.975	1056653.103	94.29624	1390.203
**	2.329000	744745.971	1056653.192	94.34535	1214.349
**	2.330000	744746.967	1056653.281	94.40109	1077.989
**	2.331000	744747.963	1056653.368	94.46346	969.162
**	2.332000	744748.959	1056653.454	94.53247	880.292
**	2.333000	744749.956	1056653.539	94.60810	806.352
**	2.334000	744750.952	1056653.623	94.69037	743.871
**	2.335000	744751.949	1056653.706	94.77927	690.376
**	2.336000	744752.946	1056653.787	94.87480	644.059
**	2.337000	744753.942	1056653.867	94.97696	603.566
**	2.338000	744754.939	1056653.945	95.08575	567.864
**	2.339000	744755.936	1056654.021	95.20117	536.149
**	2.340000	744756.934	1056654.095	95.32323	507.790
**	2.341000	744757.931	1056654.168	95.45191	482.280
**	2.342000	744758.929	1056654.238	95.58723	459.210
**	2.343000	744759.926	1056654.306	95.72918	438.247
**	2.344000	744760.924	1056654.372	95.87776	419.114
**	2.345000	744761.922	1056654.436	96.03298	401.582
**	2.346000	744762.920	1056654.497	96.19482	385.458
**	2.347000	744763.918	1056654.555	96.36329	370.578
**	2.348000	744764.917	1056654.611	96.53840	356.805
**	2.349000	744765.915	1056654.664	96.72014	344.019
**	2.350000	744766.914	1056654.714	96.90851	332.117
**	2.351000	744767.913	1056654.761	97.10351	321.012
**	2.352000	744768.912	1056654.805	97.30514	310.625
**	2.353000	744769.911	1056654.845	97.51341	300.889
**	2.354000	744770.911	1056654.883	97.72830	291.745
**	2.355000	744771.910	1056654.917	97.94983	283.140
**	2.356000	744772.910	1056654.947	98.17799	275.029
**	2.357000	744773.909	1056654.974	98.41278	267.369
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**	2.359000	744775.909	1056655.016	98.90225	253.262
**	2.360000	744776.909	1056655.031	99.15693	246.752
**	2.361000	744777.909	1056655.043	99.41825	240.569
PK	2.361095	744778.003	1056655.043	99.44330	240.000
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**	2.386000	744802.874	1056653.970	106.04968	240.000
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**	2.389000	744805.859	1056653.667	106.84545	240.000
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**	2.432000	744847.970	1056645.257	118.25156	240.000
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**	2.434000	744849.886	1056644.683	118.78207	240.000
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KP	2.435366	744851.191	1056644.282	119.14430	240.000
**	2.436000	744851.797	1056644.094	119.31081	245.185
**	2.437000	744852.751	1056643.793	119.56604	253.829
**	2.438000	744853.703	1056643.489	119.81242	263.104
**	2.439000	744854.655	1056643.181	120.04997	273.083
**	2.440000	744855.605	1056642.869	120.27867	283.849
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**	2.442000	744857.502	1056642.236	120.70955	308.146
**	2.443000	744858.449	1056641.915	120.91172	321.923
**	2.444000	744859.395	1056641.591	121.10506	336.991
**	2.445000	744860.340	1056641.264	121.28955	353.538
**	2.446000	744861.284	1056640.935	121.46520	371.794
**	2.447000	744862.228	1056640.603	121.63201	392.038
**	2.448000	744863.170	1056640.268	121.78997	414.613
**	2.449000	744864.112	1056639.932	121.93910	439.948
**	2.450000	744865.053	1056639.593	122.07938	468.580
**	2.451000	744865.993	1056639.252	122.21082	501.198
**	2.452000	744866.932	1056638.909	122.33342	538.697
**	2.453000	744867.871	1056638.564	122.44718	582.261
**	2.454000	744868.809	1056638.218	122.55209	633.492
**	2.455000	744869.747	1056637.871	122.64816	694.606
**	2.456000	744870.684	1056637.522	122.73540	768.772
**	2.457000	744871.620	1056637.172	122.81378	860.669
**	2.458000	744872.557	1056636.820	122.88333	977.519
**	2.459000	744873.493	1056636.468	122.94404	1131.083
**	2.460000	744874.428	1056636.115	122.99590	1341.886
**	2.461000	744875.364	1056635.761	123.03892	1649.265
**	2.462000	744876.299	1056635.407	123.07310	2139.303
**	2.463000	744877.234	1056635.052	123.09844	3043.648
**	2.464000	744878.169	1056634.697	123.11493	5272.477
**	2.465000	744879.103	1056634.342	123.12259	19694.626
PT	2.465366	744879.445	1056634.212	123.12318	.000
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**	2.467000	744880.973	1056633.631	123.12318	.000
**	2.468000	744881.908	1056633.276	123.12318	.000
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**	2.481000	744894.059	1056628.657	123.12318	.000
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**	2.484000	744896.864	1056627.592	123.12318	.000
**	2.485000	744897.799	1056627.236	123.12318	.000
**	2.486000	744898.733	1056626.881	123.12318	.000
**	2.487000	744899.668	1056626.526	123.12318	.000
**	2.488000	744900.603	1056626.170	123.12318	.000
**	2.489000	744901.538	1056625.815	123.12318	.000
**	2.490000	744902.472	1056625.460	123.12318	.000

**	2.491000	744903.407	1056625.105	123.12318	.000
**	2.492000	744904.342	1056624.749	123.12318	.000
**	2.493000	744905.277	1056624.394	123.12318	.000
**	2.494000	744906.211	1056624.039	123.12318	.000
**	2.495000	744907.146	1056623.683	123.12318	.000
**	2.496000	744908.081	1056623.328	123.12318	.000
**	2.497000	744909.016	1056622.973	123.12318	.000
**	2.498000	744909.950	1056622.618	123.12318	.000
**	2.499000	744910.885	1056622.262	123.12318	.000
**	2.500000	744911.820	1056621.907	123.12318	.000
**	2.501000	744912.755	1056621.552	123.12318	.000
**	2.502000	744913.689	1056621.196	123.12318	.000
**	2.503000	744914.624	1056620.841	123.12318	.000
**	2.504000	744915.559	1056620.486	123.12318	.000
**	2.505000	744916.494	1056620.131	123.12318	.000
**	2.506000	744917.428	1056619.775	123.12318	.000
**	2.507000	744918.363	1056619.420	123.12318	.000
**	2.508000	744919.298	1056619.065	123.12318	.000
**	2.509000	744920.233	1056618.710	123.12318	.000
**	2.510000	744921.167	1056618.354	123.12318	.000
**	2.511000	744922.102	1056617.999	123.12318	.000
**	2.512000	744923.037	1056617.644	123.12318	.000
**	2.513000	744923.972	1056617.288	123.12318	.000
**	2.514000	744924.907	1056616.933	123.12318	.000
**	2.515000	744925.841	1056616.578	123.12318	.000
**	2.516000	744926.776	1056616.223	123.12318	.000
**	2.517000	744927.711	1056615.867	123.12318	.000
**	2.518000	744928.646	1056615.512	123.12318	.000
**	2.519000	744929.580	1056615.157	123.12318	.000
**	2.520000	744930.515	1056614.801	123.12318	.000
**	2.521000	744931.450	1056614.446	123.12318	.000
**	2.522000	744932.385	1056614.091	123.12318	.000
**	2.523000	744933.319	1056613.736	123.12318	.000
**	2.524000	744934.254	1056613.380	123.12318	.000
**	2.525000	744935.189	1056613.025	123.12318	.000
**	2.526000	744936.124	1056612.670	123.12318	.000
**	2.527000	744937.058	1056612.314	123.12318	.000
**	2.528000	744937.993	1056611.959	123.12318	.000
**	2.529000	744938.928	1056611.604	123.12318	.000
**	2.530000	744939.863	1056611.249	123.12318	.000
**	2.531000	744940.797	1056610.893	123.12318	.000
**	2.532000	744941.732	1056610.538	123.12318	.000
**	2.533000	744942.667	1056610.183	123.12318	.000
**	2.534000	744943.602	1056609.827	123.12318	.000
**	2.535000	744944.536	1056609.472	123.12318	.000
**	2.536000	744945.471	1056609.117	123.12318	.000
**	2.537000	744946.406	1056608.762	123.12318	.000
**	2.538000	744947.341	1056608.406	123.12318	.000
**	2.539000	744948.275	1056608.051	123.12318	.000
**	2.540000	744949.210	1056607.696	123.12318	.000
**	2.541000	744950.145	1056607.340	123.12318	.000
**	2.542000	744951.080	1056606.985	123.12318	.000
**	2.543000	744952.014	1056606.630	123.12318	.000
**	2.544000	744952.949	1056606.275	123.12318	.000
**	2.545000	744953.884	1056605.919	123.12318	.000
**	2.546000	744954.819	1056605.564	123.12318	.000
**	2.547000	744955.754	1056605.209	123.12318	.000
**	2.548000	744956.688	1056604.853	123.12318	.000
**	2.549000	744957.623	1056604.498	123.12318	.000
**	2.550000	744958.558	1056604.143	123.12318	.000
**	2.551000	744959.493	1056603.788	123.12318	.000
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**	2.553000	744961.362	1056603.077	123.12318	.000
**	2.554000	744962.297	1056602.722	123.12318	.000
**	2.555000	744963.232	1056602.366	123.12318	.000
**	2.556000	744964.166	1056602.011	123.12318	.000
**	2.557000	744965.101	1056601.656	123.12318	.000
**	2.558000	744966.036	1056601.301	123.12318	.000
**	2.559000	744966.971	1056600.945	123.12318	.000
**	2.560000	744967.905	1056600.590	123.12318	.000
**	2.561000	744968.840	1056600.235	123.12318	.000
**	2.562000	744969.775	1056599.879	123.12318	.000
**	2.563000	744970.710	1056599.524	123.12318	.000
**	2.564000	744971.644	1056599.169	123.12318	.000
**	2.565000	744972.579	1056598.814	123.12318	.000
**	2.566000	744973.514	1056598.458	123.12318	.000
**	2.567000	744974.449	1056598.103	123.12318	.000
**	2.568000	744975.383	1056597.748	123.12318	.000
**	2.569000	744976.318	1056597.392	123.12318	.000
**	2.570000	744977.253	1056597.037	123.12318	.000
**	2.571000	744978.188	1056596.682	123.12318	.000
**	2.572000	744979.122	1056596.327	123.12318	.000
**	2.573000	744980.057	1056595.971	123.12318	.000
**	2.574000	744980.992	1056595.616	123.12318	.000
**	2.575000	744981.927	1056595.261	123.12318	.000
**	2.576000	744982.862	1056594.905	123.12318	.000
**	2.576830	744983.637	1056594.611	123.12318	140.000
TK	2.577000	744983.796	1056594.550	123.20066	140.000
**	2.578000	744984.729	1056594.190	123.65539	140.000
**	2.579000	744985.660	1056593.824	124.11012	140.000
**	2.580000	744986.588	1056593.451	124.56485	140.000
**	2.581000	744987.513	1056593.071	125.01958	140.000
**	2.582000	744988.435	1056592.685	125.47430	140.000
**	2.583000	744989.355	1056592.292	125.92903	140.000
**	2.584000	744990.271	1056591.893	126.38376	140.000
**	2.585000	744991.185	1056591.487	126.83849	140.000
**	2.586000	744992.096	1056591.074	127.29322	140.000
**	2.587000	744993.004	1056590.655	127.74795	140.000
**	2.588000	744993.909	1056590.230	128.20267	140.000
**	2.589000	744994.811	1056589.798	128.65740	140.000
**	2.590000	744995.710	1056589.360	129.11213	140.000
**	2.591000	744996.606	1056588.915	129.56686	140.000
**	2.592000	744997.498	1056588.464	130.02159	140.000
**	2.593000	744998.387	1056588.006	130.47632	140.000

**	2.594000	744999.273	1056587.543	130.93104	140.000
**	2.595000	745000.156	1056587.072	131.38577	140.000
**	2.596000	745001.035	1056586.596	131.84050	140.000
**	2.597000	745001.911	1056586.113	132.29523	140.000
**	2.598000	745002.783	1056585.624	132.74996	140.000
**	2.599000	745003.652	1056585.129	133.20469	140.000
**	2.600000	745004.517	1056584.628	133.65942	140.000
**	2.601000	745005.379	1056584.120	134.11414	140.000
**	2.602000	745006.237	1056583.607	134.56887	140.000
**	2.603000	745007.091	1056583.087	135.02360	140.000
**	2.604000	745007.942	1056582.561	135.47833	140.000
**	2.605000	745008.789	1056582.029	135.93306	140.000
**	2.606000	745009.632	1056581.491	136.38779	140.000
**	2.607000	745010.471	1056580.947	136.84251	140.000
**	2.608000	745011.306	1056580.397	137.29724	140.000
**	2.609000	745012.137	1056579.842	137.75197	140.000
**	2.610000	745012.964	1056579.280	138.20670	140.000
**	2.611000	745013.788	1056578.712	138.66143	140.000
**	2.612000	745014.607	1056578.138	139.11616	140.000
**	2.613000	745015.422	1056577.559	139.57088	140.000
**	2.614000	745016.233	1056576.974	140.02561	140.000
**	2.615000	745017.039	1056576.383	140.48034	140.000
**	2.616000	745017.842	1056575.786	140.93507	140.000
**	2.617000	745018.640	1056575.184	141.38980	140.000
**	2.618000	745019.434	1056574.575	141.84453	140.000
**	2.619000	745020.223	1056573.962	142.29926	140.000
**	2.620000	745021.008	1056573.342	142.75398	140.000
**	2.621000	745021.789	1056572.717	143.20871	140.000
**	2.622000	745022.565	1056572.087	143.66344	140.000
**	2.623000	745023.337	1056571.451	144.11817	140.000
**	2.624000	745024.104	1056570.809	144.57290	140.000
KP	2.624772	745024.692	1056570.310	144.92378	140.000
**	2.625000	745024.866	1056570.162	145.02703	141.617
**	2.626000	745025.624	1056569.510	145.46520	149.161
**	2.627000	745026.377	1056568.852	145.88063	157.554
**	2.628000	745027.127	1056568.190	146.27333	166.949
**	2.629000	745027.872	1056567.523	146.64329	177.534
**	2.630000	745028.614	1056566.852	146.99051	189.552
**	2.631000	745029.352	1056566.177	147.31499	203.316
**	2.632000	745030.086	1056565.499	147.61674	219.236
**	2.633000	745030.818	1056564.817	147.89576	237.860
**	2.634000	745031.547	1056564.132	148.15203	259.942
**	2.635000	745032.273	1056563.445	148.38557	286.544
**	2.636000	745032.996	1056562.755	148.59638	319.211
**	2.637000	745033.718	1056562.062	148.78445	360.285
**	2.638000	745034.437	1056561.368	148.94978	413.489
**	2.639000	745035.155	1056560.671	149.09237	485.131
**	2.640000	745035.872	1056559.974	149.21223	586.801
**	2.641000	745036.587	1056559.275	149.30935	742.384
**	2.642000	745037.301	1056558.575	149.38374	1010.234
**	2.643000	745038.015	1056557.875	149.43538	1580.461
**	2.644000	745038.728	1056557.174	149.46430	3628.657
PT	2.644772	745039.278	1056556.633	149.47107	.000
**	2.645000	745039.441	1056556.472	149.47107	.000
**	2.646000	745040.154	1056555.771	149.47107	.000
**	2.647000	745040.867	1056555.070	149.47107	.000
**	2.648000	745041.580	1056554.369	149.47107	.000
**	2.649000	745042.293	1056553.668	149.47107	.000
**	2.650000	745043.006	1056552.966	149.47107	.000
**	2.651000	745043.719	1056552.265	149.47107	.000
**	2.652000	745044.432	1056551.564	149.47107	.000
**	2.653000	745045.145	1056550.863	149.47107	.000
**	2.654000	745045.858	1056550.162	149.47107	.000
**	2.655000	745046.570	1056549.460	149.47107	.000
**	2.656000	745047.283	1056548.759	149.47107	.000
**	2.657000	745047.996	1056548.058	149.47107	.000
**	2.658000	745048.709	1056547.357	149.47107	.000
**	2.659000	745049.422	1056546.656	149.47107	.000
**	2.660000	745050.135	1056545.954	149.47107	.000
**	2.661000	745050.848	1056545.253	149.47107	.000
**	2.662000	745051.561	1056544.552	149.47107	.000
**	2.663000	745052.274	1056543.851	149.47107	.000
**	2.664000	745052.987	1056543.149	149.47107	.000
**	2.665000	745053.700	1056542.448	149.47107	.000
TP	2.665456	745054.025	1056542.129	149.47107	.000
**	2.666000	745054.413	1056541.747	149.47200	18634.530
**	2.667000	745055.126	1056541.046	149.47855	6566.715
**	2.668000	745055.839	1056540.344	149.49138	3985.612
**	2.669000	745056.551	1056539.643	149.51050	2861.052
**	2.670000	745057.264	1056538.941	149.53589	2231.440
**	2.671000	745057.976	1056538.239	149.56756	1828.954
**	2.672000	745058.688	1056537.537	149.60550	1549.475
**	2.673000	745059.399	1056536.834	149.64973	1344.088
**	2.674000	745060.109	1056536.130	149.70023	1186.777
**	2.675000	745060.820	1056535.426	149.75701	1062.431
**	2.676000	745061.529	1056534.721	149.82007	961.671
**	2.677000	745062.238	1056534.016	149.88941	878.367
**	2.678000	745062.946	1056533.309	149.96503	808.345
**	2.679000	745063.653	1056532.602	150.04692	748.663
**	2.680000	745064.359	1056531.894	150.13510	697.187
**	2.681000	745065.064	1056531.185	150.22955	652.335
**	2.682000	745065.768	1056530.475	150.33028	612.905
**	2.683000	745066.471	1056529.764	150.43729	577.970
**	2.684000	745067.172	1056529.051	150.55057	546.803
**	2.685000	745067.873	1056528.337	150.67014	518.825
**	2.686000	745068.572	1056527.622	150.79598	493.571
**	2.687000	745069.269	1056526.905	150.92810	470.661
**	2.688000	745069.965	1056526.187	151.06650	449.784
**	2.689000	745070.659	1056525.468	151.21118	430.680
**	2.690000	745071.352	1056524.746	151.36214	413.133
**	2.691000	745072.043	1056524.023	151.51937	396.960
**	2.692000	745072.732	1056523.299	151.68289	382.005
**	2.693000	745073.419	1056522.572	151.85268	368.136
**	2.694000	745074.105	1056521.844	152.02875	355.239

**	2.695000	745074.788	1056521.114	152.21110	343.215
**	2.696000	745075.469	1056520.381	152.39972	331.978
**	2.697000	745076.148	1056519.647	152.59463	321.454
**	2.698000	745076.824	1056518.911	152.79581	311.577
**	2.699000	745077.498	1056518.172	153.00327	302.288
**	2.700000	745078.170	1056517.431	153.21701	293.537
**	2.701000	745078.839	1056516.688	153.43703	285.279
**	2.702000	745079.506	1056515.943	153.66332	277.473
**	2.703000	745080.170	1056515.195	153.89590	270.082
**	2.704000	745080.831	1056514.445	154.13475	263.075
**	2.705000	745081.489	1056513.692	154.37988	256.422
**	2.706000	745082.145	1056512.937	154.63129	250.098
**	2.707000	745082.797	1056512.179	154.88898	244.078
**	2.708000	745083.446	1056511.418	155.15294	238.341
**	2.709000	745084.092	1056510.655	155.42319	232.867
**	2.710000	745084.735	1056509.889	155.69971	227.639
**	2.711000	745085.374	1056509.120	155.98251	222.641
**	2.712000	745086.010	1056508.348	156.27159	217.858
**	2.713000	745086.642	1056507.573	156.56695	213.275
**	2.714000	745087.271	1056506.796	156.86858	208.882
**	2.715000	745087.896	1056506.015	157.17650	204.666
**	2.716000	745088.517	1056505.231	157.49069	200.617
**	2.717000	745089.134	1056504.445	157.81116	196.725
**	2.718000	745089.748	1056503.655	158.13791	192.981
**	2.719000	745090.357	1056502.862	158.47094	189.376
**	2.720000	745090.962	1056502.065	158.81024	185.904
**	2.721000	745091.562	1056501.266	159.15583	182.557
**	2.722000	745092.159	1056500.463	159.50769	179.329
**	2.723000	745092.750	1056499.657	159.86583	176.213
**	2.724000	745093.338	1056498.848	160.23025	173.203
**	2.725000	745093.920	1056498.035	160.60094	170.294
**	2.726000	745094.498	1056497.218	160.97792	167.481
**	2.727000	745095.071	1056496.399	161.36117	164.760
**	2.728000	745095.638	1056495.576	161.75070	162.125
**	2.729000	745096.201	1056494.749	162.14651	159.574
**	2.730000	745096.759	1056493.919	162.54860	157.102
**	2.731000	745097.311	1056493.085	162.95697	154.705
**	2.732000	745097.858	1056492.248	163.37161	152.380
**	2.733000	745098.399	1056491.407	163.79254	150.124
**	2.734000	745098.935	1056490.563	164.21974	147.934
**	2.735000	745099.465	1056489.715	164.65322	145.807
**	2.736000	745099.989	1056488.863	165.09298	143.740
**	2.737000	745100.508	1056488.008	165.53901	141.731
**	2.738000	745101.020	1056487.149	165.99133	139.777
**	2.739000	745101.526	1056486.287	166.44992	137.876
**	2.740000	745102.026	1056485.421	166.91479	136.027
**	2.741000	745102.519	1056484.551	167.38594	134.226
**	2.742000	745103.006	1056483.677	167.86337	132.473
**	2.743000	745103.486	1056482.800	168.34708	130.764
**	2.743456	745103.703	1056482.399	168.56966	130.000
**	2.744000	745103.960	1056481.920	168.83613	130.000
**	2.745000	745104.427	1056481.035	169.32584	130.000
**	2.746000	745104.887	1056480.147	169.81555	130.000
**	2.746921	745105.304	1056479.327	170.26638	130.000
**	2.747000	745105.340	1056479.256	170.30522	130.259
**	2.748000	745105.786	1056478.361	170.78783	133.605
**	2.749000	745106.226	1056477.463	171.25820	137.129
**	2.750000	745106.659	1056476.561	171.71633	140.843
**	2.751000	745107.085	1056475.657	172.16222	144.764
**	2.752000	745107.506	1056474.750	172.59586	148.909
**	2.753000	745107.920	1056473.839	173.01726	153.299
**	2.754000	745108.328	1056472.927	173.42642	157.956
**	2.755000	745108.731	1056472.011	173.82334	162.904
**	2.756000	745109.128	1056471.093	174.20801	168.173
**	2.757000	745109.519	1056470.173	174.58044	173.793
**	2.758000	745109.905	1056469.251	174.94063	179.803
**	2.759000	745110.286	1056468.326	175.28857	186.242
**	2.760000	745110.662	1056467.400	175.62427	193.161
**	2.761000	745111.034	1056466.471	175.94773	200.613
**	2.762000	745111.400	1056465.541	176.25895	208.663
**	2.763000	745111.762	1056464.608	176.55792	217.386
**	2.764000	745112.120	1056463.675	176.84466	226.870
**	2.765000	745112.474	1056462.739	177.11914	237.220
**	2.766000	745112.824	1056461.803	177.38139	248.559
**	2.767000	745113.170	1056460.864	177.63139	261.036
**	2.768000	745113.512	1056459.925	177.86915	274.832
**	2.769000	745113.851	1056458.984	178.09467	290.169
**	2.770000	745114.187	1056458.042	178.30795	307.317
**	2.771000	745114.519	1056457.099	178.50898	326.621
**	2.772000	745114.849	1056456.155	178.69777	348.511
**	2.773000	745115.176	1056455.210	178.87432	373.547
**	2.774000	745115.501	1056454.264	179.03862	402.458
**	2.775000	745115.823	1056453.317	179.19068	436.219
**	2.776000	745116.143	1056452.370	179.33050	476.164
**	2.777000	745116.461	1056451.422	179.45808	524.161
**	2.778000	745116.777	1056450.473	179.57341	582.919
**	2.779000	745117.092	1056449.524	179.67650	656.515
**	2.780000	745117.405	1056448.574	179.76735	751.378
**	2.781000	745117.717	1056447.624	179.84596	878.287
**	2.782000	745118.028	1056446.674	179.91232	1056.778
**	2.783000	745118.338	1056445.723	179.96644	1326.322
**	2.784000	745118.647	1056444.772	180.00832	1780.446
**	2.785000	745118.956	1056443.821	180.03795	2707.464
**	2.786000	745119.264	1056442.869	180.05534	5648.389
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**	2.787000	745119.572	1056441.918	180.06053	.000
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**	2.791000	745120.806	1056438.113	179.92598	-630.433
**	2.792000	745121.117	1056437.163	179.80605	-458.411
**	2.793000	745121.430	1056436.213	179.64823	-360.141
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**		2.795000	745122.065	1056434.316	179.21890	-252.069
**		2.796000	745122.387	1056433.370	178.94740	-219.183
**		2.797000	745122.714	1056432.425	178.63800	-193.887
**		2.798000	745123.046	1056431.482	178.29071	-173.826
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**		2.800000	745123.727	1056429.601	177.48244	-144.023
**		2.801000	745124.076	1056428.664	177.02147	-132.651
**		2.802000	745124.433	1056427.730	176.52260	-122.943
**		2.803000	745124.798	1056426.799	175.98583	-114.560
**		2.804000	745125.170	1056425.871	175.41118	-107.247
**		2.805000	745125.551	1056424.946	174.79863	-100.811
**		2.806000	745125.941	1056424.025	174.14818	-95.104
**		2.807000	745126.341	1056423.109	173.45984	-90.009
**		2.808000	745126.751	1056422.197	172.73361	-85.432
**		2.809000	745127.172	1056421.290	171.96948	-81.298
**		2.810000	745127.604	1056420.388	171.16746	-77.545
**		2.811000	745128.047	1056419.491	170.32755	-74.124
**		2.812000	745128.503	1056418.601	169.44974	-70.991
PK		2.812335	745128.658	1056418.304	169.14720	-70.000
**		2.813000	745128.971	1056417.717	168.54241	-70.000
**		2.814000	745129.451	1056416.840	167.63295	-70.000
**		2.815000	745129.944	1056415.970	166.72350	-70.000
**		2.816000	745130.450	1056415.108	165.81404	-70.000
**		2.817000	745130.968	1056414.252	164.90458	-70.000
**		2.818000	745131.497	1056413.404	163.99513	-70.000
**		2.819000	745132.039	1056412.563	163.08567	-70.000
**		2.820000	745132.593	1056411.731	162.17621	-70.000
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**		2.823000	745134.325	1056409.282	159.44784	-70.000
**		2.824000	745134.926	1056408.482	158.53838	-70.000
**		2.825000	745135.538	1056407.691	157.62893	-70.000
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**		2.828000	745137.440	1056405.372	154.90056	-70.000
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**		2.835000	745142.253	1056400.292	148.53436	-70.000
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**		2.837000	745143.718	1056398.932	146.71545	-70.000
**		2.838000	745144.466	1056398.268	145.80599	-70.000
**		2.839000	745145.223	1056397.614	144.89653	-70.000
**		2.840000	745145.989	1056396.971	143.98708	-70.000
**		2.841000	745146.764	1056396.340	143.07762	-70.000
**		2.842000	745147.548	1056395.719	142.16816	-70.000
**		2.843000	745148.341	1056395.110	141.25870	-70.000
**		2.844000	745149.142	1056394.512	140.34925	-70.000
**		2.845000	745149.952	1056393.925	139.43979	-70.000
**		2.846000	745150.771	1056393.350	138.53033	-70.000
**		2.847000	745151.597	1056392.787	137.62088	-70.000
**		2.848000	745152.431	1056392.236	136.71142	-70.000
**		2.849000	745153.274	1056391.697	135.80196	-70.000
**		2.850000	745154.123	1056391.170	134.89251	-70.000
**		2.851000	745154.981	1056390.655	133.98305	-70.000
**		2.852000	745155.845	1056390.152	133.07359	-70.000
**		2.853000	745156.717	1056389.662	132.16414	-70.000
**		2.854000	745157.595	1056389.184	131.25468	-70.000
KP		2.854918	745158.408	1056388.757	130.41980	-70.000
**		2.855000	745158.480	1056388.719	130.34535	-70.240
**		2.856000	745159.372	1056388.267	129.45794	-73.304
**		2.857000	745160.270	1056387.826	128.60843	-76.649
**		2.858000	745161.173	1056387.398	127.79681	-80.313
**		2.859000	745162.082	1056386.980	127.02309	-84.345
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**		2.861000	745163.914	1056386.177	125.58932	-93.760
**		2.862000	745164.836	1056385.791	124.92928	-99.302
**		2.863000	745165.762	1056385.414	124.30713	-105.540
**		2.864000	745166.692	1056385.046	123.72287	-112.615
**		2.865000	745167.625	1056384.686	123.17651	-120.706
**		2.866000	745168.561	1056384.333	122.66805	-130.050
**		2.867000	745169.500	1056383.988	122.19748	-140.962
**		2.868000	745170.441	1056383.650	121.76480	-153.873
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**		2.870000	745172.329	1056382.991	121.01312	-188.381
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**		2.872000	745174.224	1056382.352	120.41302	-242.841
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**		2.875000	745177.076	1056381.421	119.79708	-428.778
**		2.876000	745178.028	1056381.117	119.66756	-575.714
**		2.877000	745178.981	1056380.813	119.57592	-875.861
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PT		2.878918	745180.810	1056380.234	119.50621	.000
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**	3.039000	745333.436	1056331.948	119.50621	.000
**	3.040000	745334.389	1056331.647	119.50621	.000
**	3.041000	745335.343	1056331.345	119.50621	.000
TK	3.041158	745335.493	1056331.297	119.50621	127.000
**	3.042000	745336.295	1056331.041	119.92830	127.000
**	3.043000	745337.246	1056330.729	120.42957	127.000
**	3.044000	745338.193	1056330.410	120.93085	127.000
**	3.045000	745339.138	1056330.083	121.43212	127.000
**	3.046000	745340.081	1056329.749	121.93340	127.000
**	3.047000	745341.021	1056329.408	122.43468	127.000
**	3.048000	745341.958	1056329.059	122.93595	127.000
**	3.049000	745342.892	1056328.703	123.43723	127.000
**	3.050000	745343.824	1056328.339	123.93850	127.000
**	3.051000	745344.753	1056327.968	124.43978	127.000
**	3.052000	745345.678	1056327.590	124.94105	127.000
**	3.053000	745346.601	1056327.205	125.44233	127.000
**	3.054000	745347.521	1056326.812	125.94360	127.000
**	3.055000	745348.437	1056326.412	126.44488	127.000
**	3.056000	745349.351	1056326.005	126.94615	127.000
**	3.057000	745350.261	1056325.591	127.44743	127.000
**	3.058000	745351.168	1056325.169	127.94870	127.000
**	3.059000	745352.071	1056324.740	128.44998	127.000
**	3.060000	745352.971	1056324.305	128.95126	127.000
**	3.061000	745353.868	1056323.862	129.45253	127.000
**	3.062000	745354.761	1056323.412	129.95381	127.000
**	3.063000	745355.650	1056322.955	130.45508	127.000
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**	3.065000	745357.419	1056322.021	131.45763	127.000
**	3.066000	745358.297	1056321.543	131.95891	127.000
**	3.067000	745359.172	1056321.058	132.46018	127.000
**	3.068000	745360.043	1056320.567	132.96146	127.000
**	3.069000	745360.910	1056320.068	133.46273	127.000
**	3.070000	745361.773	1056319.563	133.96401	127.000
**	3.071000	745362.632	1056319.051	134.46529	127.000
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**	3.077000	745367.699	1056315.839	137.47294	127.000
**	3.078000	745368.528	1056315.281	137.97421	127.000
**	3.079000	745369.353	1056314.716	138.47549	127.000
**	3.080000	745370.174	1056314.144	138.97676	127.000
**	3.081000	745370.990	1056313.566	139.47804	127.000
**	3.082000	745371.802	1056312.982	139.97931	127.000
**	3.083000	745372.608	1056312.391	140.48059	127.000
**	3.084000	745373.411	1056311.794	140.98187	127.000
**	3.085000	745374.208	1056311.191	141.48314	127.000
**	3.086000	745375.001	1056310.581	141.98442	127.000
**	3.087000	745375.789	1056309.965	142.48569	127.000
**	3.088000	745376.572	1056309.343	142.98697	127.000
**	3.089000	745377.350	1056308.715	143.48824	127.000
**	3.090000	745378.123	1056308.081	143.98952	127.000
**	3.091000	745378.891	1056307.441	144.49079	127.000
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**	3.096000	745382.655	1056304.149	146.99717	127.000
**	3.097000	745383.392	1056303.474	147.49845	127.000
**	3.098000	745384.123	1056302.792	147.99972	127.000
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**	3.100000	745385.570	1056301.411	149.00227	127.000
**	3.101000	745386.286	1056300.713	149.50355	127.000
**	3.102000	745386.996	1056300.008	150.00482	127.000

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**	3.104000	745388.399	1056298.583	151.00737	127.000
**	3.105000	745389.092	1056297.862	151.50865	127.000
**	3.106000	745389.779	1056297.136	152.00992	127.000
**	3.107000	745390.460	1056296.404	152.51120	127.000
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KT	3.118242	745397.715	1056287.820	158.14652	.000
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**	3.145000	745414.066	1056266.640	158.14652	.000
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**	3.166000	745426.899	1056250.017	158.14652	.000
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**	3.185000	745438.510	1056234.977	158.14652	.000
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**	3.187000	745439.732	1056233.394	158.14652	.000
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**	3.189000	745440.954	1056231.811	158.14652	.000
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**	3.192000	745442.787	1056229.436	158.14652	.000
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**	3.195000	745444.621	1056227.062	158.14652	.000
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**	3.201000	745448.287	1056222.312	158.14652	.000
**	3.202000	745448.898	1056221.521	158.14652	.000
**	3.203000	745449.509	1056220.729	158.14652	.000
**	3.204000	745450.120	1056219.938	158.14652	.000
**	3.205000	745450.732	1056219.146	158.14652	.000

**	3.206000	745451.343	1056218.354	158.14652	.000
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**	3.209000	745453.176	1056215.980	158.14652	.000
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**	3.213000	745455.620	1056212.813	158.14652	.000
**	3.214000	745456.231	1056212.022	158.14652	.000
**	3.215000	745456.842	1056211.230	158.14652	.000
**	3.216000	745457.453	1056210.439	158.14652	.000
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**	3.219000	745459.287	1056208.064	158.14652	.000
**	3.220000	745459.898	1056207.273	158.14652	.000
**	3.221000	745460.509	1056206.481	158.14652	.000
TK	3.221267	745460.672	1056206.270	158.14652	170.000
**	3.222000	745461.119	1056205.688	158.42112	170.000
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**	3.224000	745462.325	1056204.093	159.17008	170.000
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**	3.226000	745463.512	1056202.483	159.91905	170.000
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**	3.282000	745488.504	1056152.652	180.89005	170.000
KT	3.282050	745488.519	1056152.605	180.90878	170.000
**	3.283000	745488.800	1056151.697	180.90879	.000
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**	3.285000	745489.391	1056149.786	180.90879	.000
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**	3.293000	745491.754	1056142.143	180.90879	.000
**	3.294000	745492.049	1056141.188	180.90879	.000
**	3.295000	745492.345	1056140.233	180.90879	.000
**	3.296000	745492.640	1056139.277	180.90879	.000
**	3.297000	745492.935	1056138.322	180.90879	.000
**	3.298000	745493.231	1056137.367	180.90879	.000
**	3.299000	745493.526	1056136.411	180.90879	.000
**	3.300000	745493.822	1056135.456	180.90879	.000
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**	3.306000	745495.594	1056129.724	180.90879	.000
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**	3.308000	745496.185	1056127.813	180.90091	-3303.664
**	3.309000	745496.481	1056126.858	180.86985	-1485.741
**	3.310000	745496.777	1056125.902	180.81522	-958.373
**	3.311000	745497.074	1056124.948	180.73700	-707.311
**	3.312000	745497.373	1056123.993	180.63520	-560.483
**	3.313000	745497.674	1056123.040	180.50983	-464.135
**	3.314000	745497.976	1056122.086	180.36088	-396.053
**	3.315000	745498.281	1056121.134	180.18835	-345.389
**	3.316000	745498.589	1056120.183	179.99224	-306.217
**	3.317000	745498.899	1056119.232	179.77255	-275.025
**	3.318000	745499.214	1056118.283	179.52929	-249.601
**	3.319000	745499.532	1056117.335	179.26244	-228.479
**	3.320000	745499.854	1056116.388	178.97202	-210.653
**	3.321000	745500.180	1056115.443	178.65802	-195.408
**	3.322000	745500.512	1056114.499	178.32044	-182.220
**	3.323000	745500.848	1056113.558	177.95928	-170.699
**	3.324000	745501.191	1056112.618	177.57454	-160.549
**	3.325000	745501.539	1056111.681	177.16623	-151.538
**	3.326000	745501.893	1056110.745	176.73433	-143.485
**	3.327000	745502.253	1056109.813	176.27886	-136.245
**	3.328000	745502.621	1056108.883	175.79981	-129.700
**	3.329000	745502.996	1056107.956	175.29718	-123.755
**	3.330000	745503.378	1056107.031	174.77097	-118.331
**	3.331000	745503.768	1056106.111	174.22118	-113.363
**	3.332000	745504.166	1056105.193	173.64782	-108.795
**	3.333000	745504.572	1056104.280	173.05088	-104.581
**	3.334000	745504.988	1056103.370	172.43035	-100.681
**	3.335000	745505.412	1056102.464	171.78625	-97.062
**	3.336000	745505.845	1056101.563	171.11857	-93.694
**	3.337000	745506.288	1056100.667	170.42732	-90.552
PK	3.337183	745506.370	1056100.503	170.29846	-90.000
**	3.338000	745506.741	1056099.775	169.72035	-90.000
**	3.339000	745507.204	1056098.889	169.01300	-90.000
**	3.340000	745507.677	1056098.007	168.30564	-90.000
**	3.341000	745508.159	1056097.132	167.59829	-90.000
**	3.342000	745508.651	1056096.261	166.89093	-90.000
**	3.343000	745509.153	1056095.396	166.18358	-90.000
**	3.344000	745509.664	1056094.537	165.47622	-90.000
**	3.345000	745510.185	1056093.683	164.76887	-90.000
**	3.346000	745510.716	1056092.835	164.06151	-90.000
**	3.347000	745511.255	1056091.993	163.35416	-90.000
**	3.348000	745511.804	1056091.158	162.64680	-90.000
**	3.349000	745512.363	1056090.328	161.93945	-90.000
**	3.350000	745512.930	1056089.504	161.23209	-90.000
**	3.351000	745513.507	1056088.687	160.52474	-90.000
**	3.352000	745514.092	1056087.877	159.81738	-90.000
**	3.353000	745514.687	1056087.073	159.11003	-90.000
**	3.354000	745515.290	1056086.275	158.40267	-90.000
**	3.355000	745515.903	1056085.485	157.69531	-90.000
**	3.356000	745516.524	1056084.701	156.98796	-90.000
**	3.357000	745517.153	1056083.924	156.28060	-90.000
**	3.358000	745517.792	1056083.154	155.57325	-90.000
**	3.359000	745518.438	1056082.392	154.86589	-90.000
**	3.360000	745519.094	1056081.636	154.15854	-90.000
**	3.361000	745519.757	1056080.888	153.45118	-90.000
**	3.362000	745520.429	1056080.148	152.74383	-90.000
**	3.363000	745521.109	1056079.415	152.03647	-90.000
**	3.364000	745521.797	1056078.689	151.32912	-90.000
**	3.365000	745522.494	1056077.971	150.62176	-90.000
**	3.366000	745523.198	1056077.261	149.91441	-90.000
**	3.367000	745523.910	1056076.559	149.20705	-90.000
**	3.368000	745524.629	1056075.865	148.49970	-90.000
**	3.369000	745525.357	1056075.178	147.79234	-90.000
**	3.370000	745526.092	1056074.500	147.08498	-90.000
**	3.371000	745526.834	1056073.830	146.37763	-90.000
**	3.372000	745527.584	1056073.169	145.67027	-90.000
**	3.373000	745528.341	1056072.516	144.96292	-90.000
**	3.374000	745529.106	1056071.871	144.25556	-90.000
**	3.375000	745529.877	1056071.235	143.54821	-90.000
**	3.376000	745530.656	1056070.607	142.84085	-90.000
**	3.377000	745531.441	1056069.988	142.13350	-90.000
**	3.378000	745532.233	1056069.378	141.42614	-90.000
**	3.379000	745533.032	1056068.777	140.71879	-90.000
**	3.380000	745533.838	1056068.184	140.01143	-90.000
**	3.381000	745534.650	1056067.601	139.30408	-90.000
**	3.382000	745535.469	1056067.026	138.59672	-90.000
**	3.383000	745536.294	1056066.461	137.88937	-90.000
**	3.384000	745537.125	1056065.905	137.18201	-90.000
**	3.385000	745537.962	1056065.358	136.47466	-90.000
**	3.386000	745538.805	1056064.821	135.76730	-90.000
KP	3.386195	745538.970	1056064.717	135.62937	-90.000
**	3.387000	745539.655	1056064.293	135.06758	-92.480
**	3.388000	745540.509	1056063.774	134.39098	-95.760
**	3.389000	745541.370	1056063.264	133.73796	-99.281
**	3.390000	745542.235	1056062.763	133.10852	-103.071
**	3.391000	745543.105	1056062.270	132.50266	-107.162
**	3.392000	745543.980	1056061.785	131.92038	-111.591
**	3.393000	745544.859	1056061.309	131.36168	-116.402
**	3.394000	745545.742	1056060.840	130.82656	-121.647
**	3.395000	745546.629	1056060.378	130.31501	-127.386
**	3.396000	745547.519	1056059.923	129.82704	-133.694
**	3.397000	745548.413	1056059.474	129.36265	-140.658
**	3.398000	745549.310	1056059.032	128.92184	-148.389
**	3.399000	745550.210	1056058.597	128.50461	-157.018
**	3.400000	745551.113	1056058.166	128.11096	-166.714
**	3.401000	745552.018	1056057.742	127.74088	-177.685
**	3.402000	745552.926	1056057.322	127.39438	-190.202
**	3.403000	745553.836	1056056.907	127.07147	-204.616
**	3.404000	745554.748	1056056.497	126.77213	-221.394
**	3.405000	745555.662	1056056.091	126.49637	-241.170
**	3.406000	745556.577	1056055.688	126.24418	-264.824
**	3.407000	745557.494	1056055.289	126.01558	-293.624
**	3.408000	745558.412	1056054.893	125.81055	-329.452

**		3.409000	745559.332	1056054.500	125.62911	-375.238
**		3.410000	745560.252	1056054.110	125.47124	-435.805
**		3.411000	745561.174	1056053.721	125.33695	-519.687
**		3.412000	745562.096	1056053.334	125.22624	-643.556
**		3.413000	745563.019	1056052.949	125.13910	-844.955
**		3.414000	745563.942	1056052.565	125.07555	-1229.823
**		3.415000	745564.866	1056052.181	125.03557	-2258.588
**		3.416000	745565.789	1056051.798	125.01918	-13815.173
PT		3.416195	745565.970	1056051.724	125.01873	.000
**		3.417000	745566.713	1056051.415	125.01873	.000
**		3.418000	745567.637	1056051.033	125.01873	.000
**		3.419000	745568.561	1056050.650	125.01873	.000
**		3.420000	745569.484	1056050.267	125.01873	.000
**		3.421000	745570.408	1056049.884	125.01873	.000
**		3.422000	745571.332	1056049.501	125.01873	.000
**		3.423000	745572.256	1056049.118	125.01873	.000
**		3.424000	745573.180	1056048.735	125.01873	.000
**		3.425000	745574.103	1056048.352	125.01873	.000
**		3.426000	745575.027	1056047.969	125.01873	.000
**		3.427000	745575.951	1056047.586	125.01873	.000
**		3.428000	745576.875	1056047.203	125.01873	.000
**		3.429000	745577.798	1056046.820	125.01873	.000
**		3.430000	745578.722	1056046.437	125.01873	.000
**		3.431000	745579.646	1056046.054	125.01873	.000
**		3.432000	745580.570	1056045.671	125.01873	.000
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**		3.434000	745582.417	1056044.905	125.01873	.000
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TP		3.435481	745583.785	1056044.338	125.01873	.000
**		3.436000	745584.265	1056044.139	125.01965	17911.932
**		3.437000	745585.188	1056043.756	125.02663	6121.615
**		3.438000	745586.112	1056043.373	125.04045	3691.638
**		3.439000	745587.036	1056042.990	125.06112	2642.641
**		3.440000	745587.959	1056042.606	125.08863	2057.883
**		3.441000	745588.882	1056042.222	125.12299	1685.025
**		3.442000	745589.805	1056041.837	125.16419	1426.554
**		3.443000	745590.728	1056041.452	125.21224	1236.833
**		3.444000	745591.651	1056041.065	125.26713	1091.651
**		3.445000	745592.573	1056040.678	125.32887	976.972
**		3.446000	745593.494	1056040.291	125.39746	884.097
**		3.447000	745594.416	1056039.902	125.47289	807.347
**		3.448000	745595.336	1056039.511	125.55517	742.859
**		3.449000	745596.257	1056039.120	125.64429	687.910
**		3.450000	745597.176	1056038.727	125.74025	640.531
**		3.451000	745598.095	1056038.333	125.84307	599.257
**		3.452000	745599.014	1056037.938	125.95272	562.981
**		3.453000	745599.931	1056037.540	126.06923	530.846
**		3.454000	745600.848	1056037.141	126.19258	502.181
**		3.455000	745601.765	1056036.740	126.32277	476.454
**		3.456000	745602.680	1056036.338	126.45981	453.234
**		3.457000	745603.594	1056035.933	126.60369	432.172
**		3.458000	745604.508	1056035.526	126.75442	412.981
**		3.459000	745605.420	1056035.117	126.91200	395.421
**		3.460000	745606.332	1056034.705	127.07642	379.294
**		3.461000	745607.242	1056034.292	127.24768	364.431
**		3.462000	745608.151	1056033.875	127.42579	350.689
**		3.463000	745609.059	1056033.456	127.61075	337.946
**		3.464000	745609.966	1056033.035	127.80255	326.096
**		3.465000	745610.872	1056032.610	128.00120	315.049
PK		3.465481	745611.306	1056032.405	128.09915	310.000
**		3.466000	745611.776	1056032.183	128.20577	310.000
**		3.467000	745612.678	1056031.753	128.41113	310.000
**		3.468000	745613.580	1056031.320	128.61649	310.000
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**		3.479000	745623.400	1056026.365	130.87547	310.000
**		3.480000	745624.284	1056025.898	131.08083	310.000
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**		3.484000	745627.805	1056023.999	131.90227	310.000
**		3.485000	745628.681	1056023.517	132.10763	310.000
**		3.486000	745629.556	1056023.032	132.31299	310.000
**		3.487000	745630.429	1056022.545	132.51836	310.000
**		3.488000	745631.300	1056022.055	132.72372	310.000
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**	3.510000	745650.058	1056010.567	137.24166	310.000
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**	3.566000	745695.550	1055977.916	139.95032	.000
**	3.567000	745696.359	1055977.329	139.95032	.000
**	3.568000	745697.169	1055976.742	139.95032	.000
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**	3.588000	745713.358	1055964.999	139.95032	.000
**	3.589000	745714.168	1055964.411	139.95032	.000
**	3.590000	745714.977	1055963.824	139.95032	.000
**	3.591000	745715.787	1055963.237	139.95032	.000
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**	3.605000	745727.119	1055955.017	139.95032	.000
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**	3.752000	745835.239	1055857.435	164.09499	709.456
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**	3.843000	745883.411	1055780.231	164.49974	.000
** TO	3.843679	745883.770	1055779.655	164.49974	.000

*** VÝPOČET UKONČEN BEZ CHYB ***

NIVELETA ZADANÁ TEČNAMI

Verze: 2017

Datum zadání: 16.04.2021

Datum výpočtu: 16. 4.2021 15:11:56

datum a čas kompilace: 02.03.2017 23:08

Projekt: BREZANY

Trasa: 101.V31

* Použit vstupní soubor Niveleta s názvem 101.SNI
 * Akce:
 * Trasa:
 * Datum vzniku 20.10.2017 programem HNIV21
 * Datum posl. zápisu 14.02.2018 programem HNIV21
 * Soubor .SNI nového typu

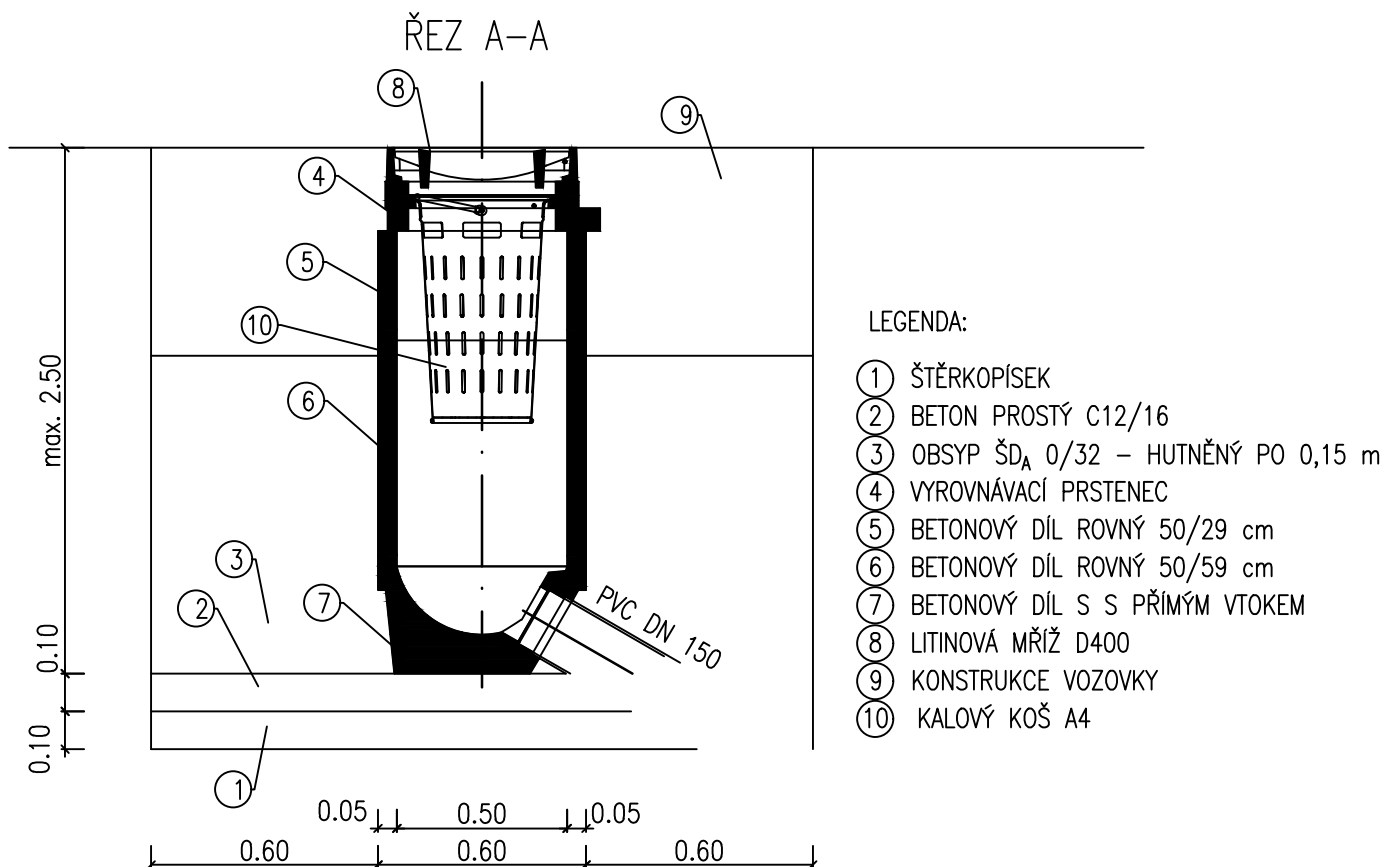
P R O T O K O L O N I V E L E T Ě

číslo vrch.	staničení vrcholu	výška vrcholu	typ obl.	poloměr m	tečna m	vzepětí m	spád %	délka m	mezipřímá m
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3	.114104	318.288	3	1000.000	15.542	.121	-3.933	50.875	.807
4	.180297	317.742	3	2000.000	20.075	.101	-.825	66.193	30.576
5	.278413	314.963	3	2700.000	40.509	.304	-2.832	98.116	37.532
6	.351377	310.707	3	2800.000	15.708	.044	-5.833	72.964	16.747
7	.421574	307.400	3	1500.000	30.671	.314	-4.711	70.197	23.818
8	.620115	306.166	3	3500.000	51.921	.385	-.622	198.541	115.948
9	.819671	299.005	3	5800.000	20.952	.038	-3.588	199.556	126.683
10	.879057	297.303	3	5000.000	32.114	.103	-2.866	59.386	6.320
11	.994927	292.494	3	3800.000	35.415	.165	-4.151	115.870	48.340
12	1.134576	289.300	3	6000.000	74.672	.465	-2.287	139.650	29.563
13	1.279952	282.358	3	2000.000	21.411	.115	-4.776	145.376	49.293
14	1.330198	281.034	3	3500.000	26.535	.101	-2.635	50.246	2.300
15	1.463135	275.516	3	4200.000	19.517	.045	-4.151	132.937	86.886
16	1.573488	271.961	3	3500.000	13.004	.024	-3.221	110.353	77.833
17	1.620010	270.808	3	1300.000	13.246	.067	-2.478	46.522	20.272
18	1.645784	269.644	3	1400.000	9.572	.033	-4.516	25.774	2.956
19	1.724974	267.151	3	2800.000	31.220	.174	-3.149	79.190	38.398
20	1.787404	266.577	3	1600.000	21.185	.140	-.919	62.430	10.024
21	1.865512	263.791	3	7700.000	35.423	.081	-3.567	78.108	21.500
22	1.961029	261.263	3	5000.000	21.301	.045	-2.647	95.517	38.793
23	2.065174	257.619	3	13200.000	52.018	.102	-3.499	104.145	30.825
24	2.234577	253.027	3	6100.000	6.422	.003	-2.711	169.403	110.963
25	2.268227	252.044	3	4700.000	11.477	.014	-2.921	33.650	15.751
26	2.305426	251.139	3	6000.000	8.412	.006	-2.433	37.199	17.310
27	2.407923	248.358	3	6500.000	10.387	.008	-2.713	102.497	83.699
28	2.455733	246.908	3	4500.000	11.051	.014	-3.033	47.810	26.373
29	2.524506	245.160	3	8000.000	7.037	.003	-2.542	68.773	50.685
30	2.663304	241.388	3	4200.000	11.481	.016	-2.718	138.798	120.280
31	2.808590	238.234	3	5900.000	36.794	.115	-2.171	145.286	97.010
32	2.911745	234.708	3	4500.000	7.778	.007	-3.418	103.155	58.583
33	3.031403	231.032	3	5300.000	29.439	.082	-3.072	119.658	82.441
34	3.164871	225.448	3	3400.000	20.318	.061	-4.183	133.468	83.711
35	3.218182	223.855	3	5000.000	29.901	.089	-2.988	53.311	3.092
36	3.299421	220.456	3	2100.000	10.446	.026	-4.184	81.239	40.892
37	3.327136	219.572	3	2800.000	12.204	.027	-3.189	27.714	5.064
38	3.428752	215.445	3	4200.000	9.031	.010	-4.061	101.616	80.381
39	3.471274	213.901	3	5000.000	10.046	.010	-3.631	42.522	23.445
							-4.033	22.784	.620

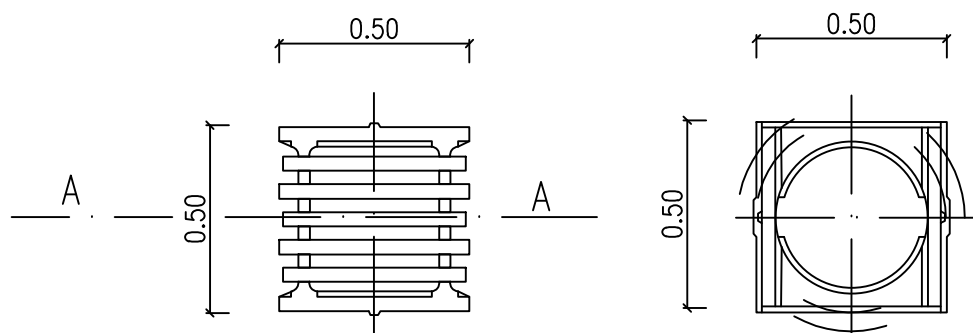
40	3.494058	212.982	3	3500.000	12.117	.021			
							-3.340	107.354	85.425
41	3.601412	209.396	3	9000.000	9.812	.005			
							-3.122	48.744	22.942
42	3.650156	207.874	3	4100.000	15.990	.031			
							-2.342	54.955	15.444
43	3.705111	206.587	3	5300.000	23.521	.052			
							-3.230	138.567	115.047
44	3.843678	202.111	0	.000	.000	.000			

*** VÝPOČET UKONČEN BEZ CHYB ***

VZOROVÁ SESTAVA ULIČNÍ VPUSTI



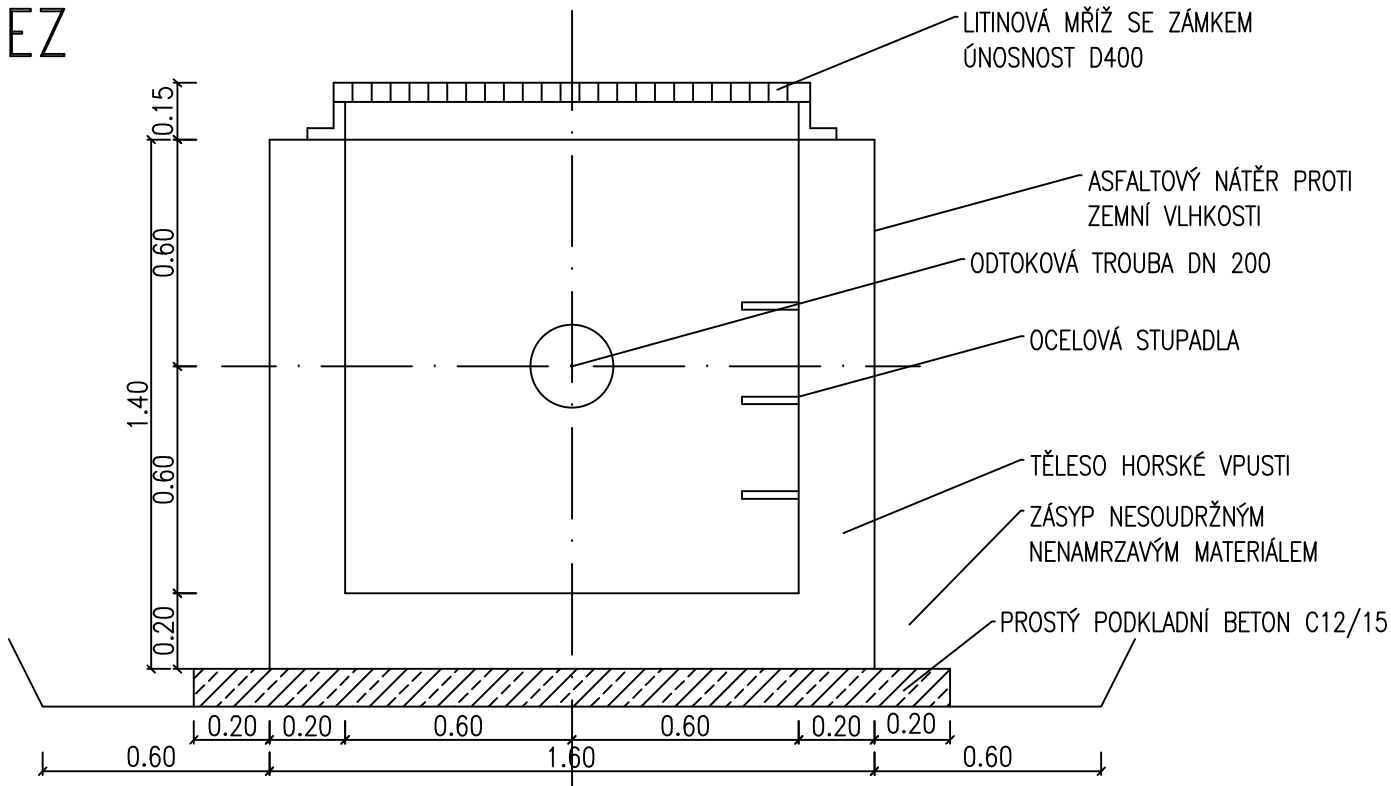
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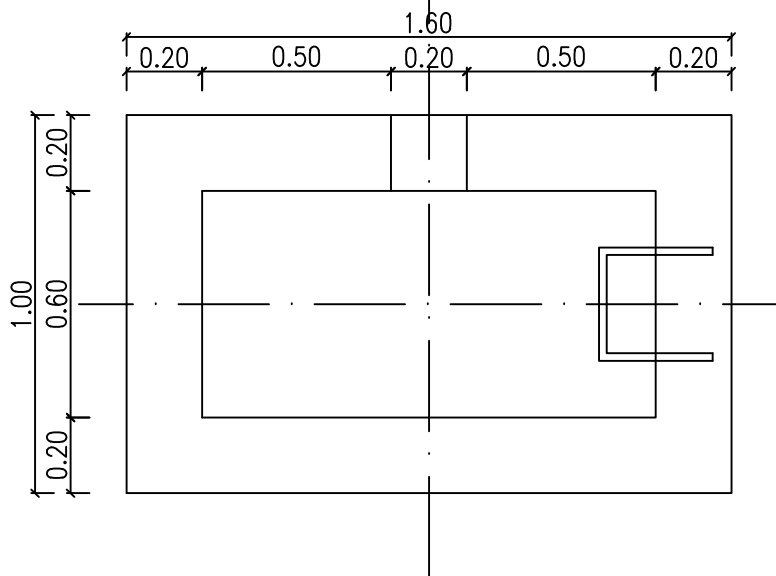
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K ZAPADnutí JÍZDNÍCH KOL

VZOROVÁ SESTAVA PREFABRIKOVANÉ HORSKÉ VPUSTI

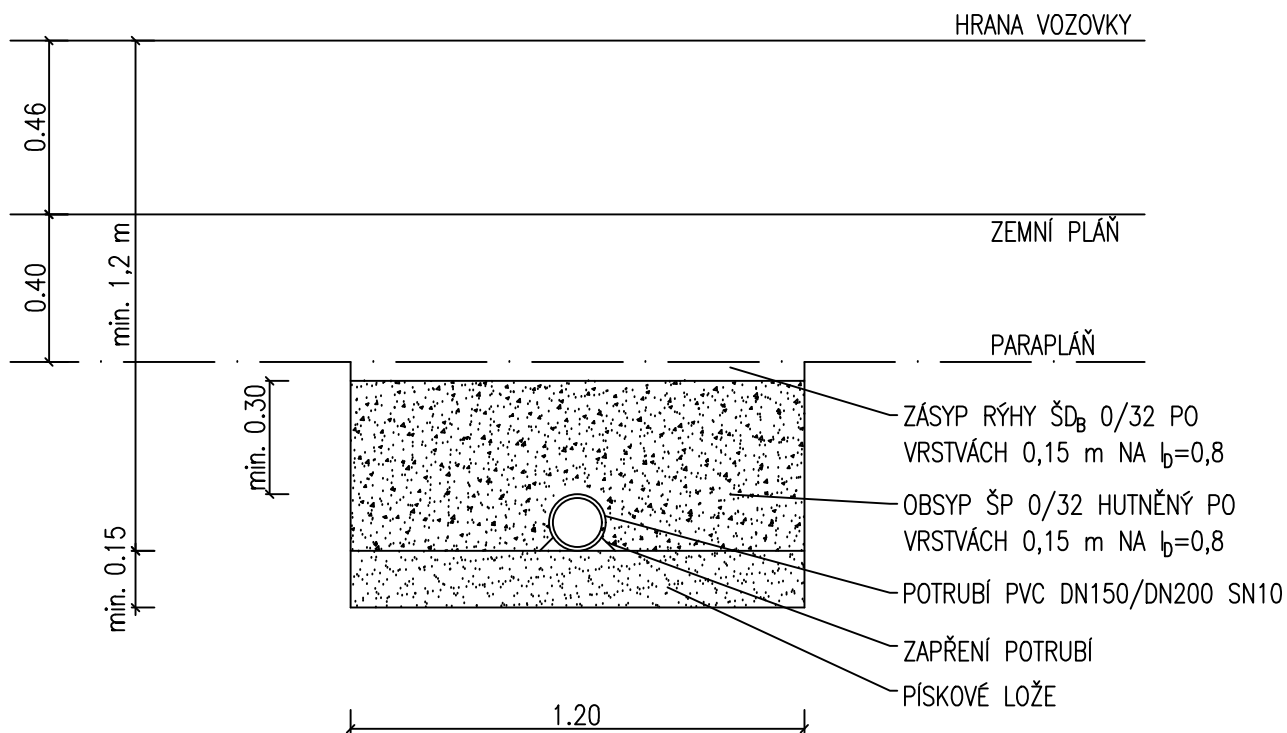
ŘEZ



PŮDORYS



VZOROVÉ ULOŽENÍ PŘÍPOJKY



POZN.:

PŘI HLOUBCE RÝHY $> 1,2\text{m}$ JE NUTNÉ PROVÁDĚT PRÁCE VE VÝKOPU POD OCHRANOU PŘÍLOŽNÉHO PAŽENÍ