

**PROPOSAL FOR SEEKING
PERMISSION FOR
RECONSTRUCTION OF GUA-SALAI
ROAD
(KM. 11.00 TO 29.00)**

**UNDER
R.C.D. ROAD DIVISION,
MANOHARPUR**

APPENDIX

(See Rule 6)

FORM - 'A'

Form for seeking prior approval under section 2 of the proposals
by the state Governments and other authorities

PART - I

(To be filled up by user agency)

1 Project details :

- (i) Short narrative of the proposal and project/scheme for which the forest land is required :-
This proposal has been proposed under withdrawn proposal no. **FP/JH/FVC/18110/2016**. The proposal No. **FP/JH/FVC/18110/2016** for forest land diversion for Gua – Salai Road (Km. 11.00 to 29.00) was uploaded Online on 23.2.2016. Many objections were raised by the forest department time to time in installment and their compliance were made by the User Agency in time and ultimately the proposal was send by PCCF(Nodal officer) Jharkhand vide Letter No. 1047 Dt. 21.11.16 to the State Government for final decision. But objection regarding Category of proposal were raised about after One months from receiving the proposal for final decision by the State forest department vide letter No. 5592 dt. 14.12.16 which was received in my office on dt.23.12.16 .The same objection regarding category of proposal had been raised in this proposal as in proposal no. **FP/JH/FVC/18007/2016** for Km. 2.00 to 11.00. Objection regarding Category of proposal could not be rectified by the User Agency due to non availability of Online options on MoEF portal. During discussion with C.F. Chaibasa on 2.12.16, he advised to withdraw this proposal and do the same process as for proposal no. **FP/JH/FVC/18007/2016** and reload Online on that condition by rectifying only the Category of proposal and the remaining part will be same as earlier and it is cleared in the minutes of meeting vide C.F. Chaibasa letter No. 2364 dt. 2.12.16. Ultimately request for withdrawal of proposal No. **FP/JH/FVC/18110/2016** had been applied Online vide letter no. 1082 dated 19.12.2016 by the User Agency.

Gua - Salai Road (Km. 11.00 to 29.00) starting from Gangda Village and Terminating near Salai Village connects Saidal - Chhota Nagra - Manoharpur – Anandpur – Bano – Kalebira Road and Hatgamhariya - Noamundi - Bara Jamda - Baraiburu Road. This road has utmost importance from the point of view that it will connect West Chaibasa District Head quarter via other roads. More-so-over there are numerous mines operating in the surrounding areas through which this road passes. The road will cater to the needs of the mines to the extent transportation of minerals from the said mines which will benefit the financial growth of West Singhbhum District as well as the surrounding areas. Additionally the area is extremely extremist affected zone and the road will serve in proper policing and in maintaining proper Law & Order in this sensitive zone. If this road is constructed it will prove to be part of an important inter-state road corridor directly connecting West Singhbhum to adjacent state of Orrisa. This road is popularly known as lifeline of Saranda. Surrounding backward villages Gua, Thakura, Leping, Gangda, Ghatkuri, Pechahatu, Hakahata, Roam, Bundu, Duia, Dodari, Salai, Mamar etc. will be benifitted from

this road. After reconstruction of this road, iron ore mines of SAIL, TATA and other companies will be benefitted in so many ways resulting in upliftment of this development lagging zone and finally it will help in the economical growth of entire nation.

This road is a very old existing road of Road Construction Department constructed prior to 1980 which is evident from the proceedings of the Gram Sabha, records of acquisition of land (already submitted earlier) of the road under subject and the Topo sheet showing the road passing through the said forest portion which is annexed with this proposal. In fact the records of acquisition of land for the purpose of the road shows that the land was acquired during the year 1973 to 1975 and the road was constructed during this period which is vindicated by the proceeding of the gram sabha annexed with this proposal. The fact is also vindicated by the Topo sheet F45H7 of Survey of India annexed with this proposal which are based on survey of 1977-78. Meaning thereby any how, the road was constructed before 1980. **Even this fact has been accepted by the Divisional forest officer Saranda in his letter no. 498 Dt. 14.3.15 on the very first paragraph of the said letter.**

As per the Topo sheet annexed, the Right of way (ROW) of the said road is at least 25 meters which can be measured by any means on the scale shown on the Topo sheets. It is also vindicated by the facts that the land acquired from Gangada to Salai (end point) of the road passing through Raiyati land & protected/reserve forest portion is 80 feet wide. This is also vindicated by the fact that **as per requirement of the road several Civil Engineering Structures were constructed up to 25 meters width which were constructed at the time of construction of the original road i.e. before 1980. Without construction of these Civil Engineering structures it could not have been possible to construct the road during 1973 to 1975. The fact is absolutely clear that the land up to 25 meters width was broken in the said protected/reserve forest portion before 1980. These existing Civil Engineering structures at so many locations can be inspected even today. These existing structures were constructed as per the requirement of the road structure which are representative samples that the land up to 25 meters width in the said protected/reserve forest portion has already been broken prior to 1980.**

Proceeding of joint inspection of the officers of Road construction department, Road Division Manoharpur & the forest Official, the Range officer of Gua Range, annexed with this proposal, too vindicates that the existing structures were found during the inspection up to 21.5 meters width which was measured on the surface. The fact is that the bottom of the foundation of the structures are up to the width of 25 meters in the said stretch meaning thereby the land in the said protected/reserve forest portion was broken up to 25 meters width prior to 1980 and that to within the ROW 25 meters of the road. The Joint inspection report says “ इस प्रकार पूरे पथ, गुआ से सलाई की चौड़ाई लगभग इसी प्रकार है ” In this way the forest official too had found that existing civil Engineering structures are there at different locations in the **entire stretch** which are upto 25 meters width in the said protected/reserve forest portion.

On the basis of the above said inspection report, permission for construction of the road was granted by the Divisional Forest Officer, Saranda Division vide his letter no 498 date 14.3.2015 (photo copy annexed). Photo copy of Administrative Approval approved by the Council of ministers Government of Jharkhand, copy of the Technical Approval of the project, copy of the cross-section of the technically sanction road and copy of first page of the agreement is also being annexed for the needful. As per the

permission letter of the D.F.O. vide his letter no 498 dated 14.3.2015, no excavated material from the excavation of the existing road is either to be taken out from the forest portion nor to be used in the road construction. It is being assured that the final width of the finished level of the road will be kept within 12 meters limit as enshrined in the permission letter of the D.F.O. Saranda **except at curves & culverts where it will be more as per technical requirement** which has already been permitted by para 3 of the said letter. **As per the condition on para 2 of the letter of the D.F.O. Saranda we are in a compelling situation to construct shoulders of the road in pre decided standard width of the shoulders for smooth movement of wild animals in the forest and this needs upto 25 meters width otherwise it will not be possible to construct the shoulders in standard width.**

In light of para 4 of the permission letter no 498 dated 14.3.15 " Fresh Forest Land " needs to be explained afresh. In the opinion of the undersigned, since the ROW of the said road is 25 meters wide which has already been broken before 1980, can not be termed as fresh forest land and it shall be treated as sole property of the **Road Construction Department**. Any land beyond the said width of 25 meters can be termed as fresh forest land but not within the width of 25 meters ROW of the road.

On the basis of the said permission letter the road construction work was in full swing which has been stopped partially by the D.F.O. from Chainage 9000m to 10500m which has jeopardised the ambitious developmental project of the state Government and there is no meaning of part construction of the road.

In fact since the ROW of the road is 25 meters, there is no need of diversion of forest land, rather simply a working permission is to be granted for **restart of the stopped partial work of the road in its own ROW**. This matter was discussed in length in a meeting convened by the Divisional Commissioner Singhbhum (Kolhan) Division on 8.1.2016 in which the Divisional Forest Officer, Saranda was also present. It was requested to the D.F.O. in the meeting to allow the stopped partial work to restart but he was not agreed upon. **In the consequence the Government will have to bear a huge loss in the way of paying compensation to the contractor for idling of the entire man power, material & machineries. Even after all of the above enumerated facts, if the forest department is not at all agreed, this proposal may please be treated as proposal for diversion of forest land as per the following calculation :-**

- (i) **From Ch. 9000 to 10500**
 $1500 \times [25\text{m (required width)} - 16.5\text{m (av. width already permitted for the shoulders vide para 2 of letter no. 498 Dt. 14.3.2015)}] = 12750 \text{ Sqm.} = 1.275 \text{ Hect.}$
- (ii) **From Ch. 20100 to 24500**
 $4400 \times [25\text{m (required width)} - 16.5\text{m (av. width already permitted for the shoulders vide para 2 of letter no. 498 Dt. 14.3.2015)}] = 37400 \text{ Sqm.} = 3.74 \text{ Hect.}$

Therefore total land required for diversion (i) + (ii) = 5.015 Hectares.

In order to find a way out and to restart the project, forest land diversion area calculated by D.F.O. Saranda vide letter No. 1036 dt. 18.5.16 is being applied i.e. 7.67 Hectare.

Tentative no. of tree felling required in forest land diversion comes around 350 nos. and total nos. of trees in ROW is 1610. However the permissible no. of tree felling as per MoEF circular dated 3.01.2005 comes to 384 nos. which has already been reported to the forest department through R.C.D.

- (ii) **Map showing the required forest land, boundary of adjoining forest on 1:50000 scale map :-** Topo sheet no F45H7 of survey of India has been enclosed. The proposed project road has been marked on the topo sheet & signed by the undersigned.

(iii) **Cost of the Project :-** The project cost Rs. 6225.274 Lacs for 18 Km. length of the road (Km. 11.00 to 29.00). Photocopy of agreement, Technical Approval, & Administrative approval enclosed. Cost of the trees to be cut (list enclosed herewith) can be added in the total cost only after getting the value from you.

(iv) **Justification for locating the project in forest area :-** As a very old existing black top road (Prior to 1980) is already passing through the said forest portion which is the shortest distance road for Manoharpur and is presently in dilapidated condition. Only reconstruction as proposed will serve the purpose of surrounding villagers and heavy loaded minerals vehicles movement from adjoining mines benefiting the Govt. exchequer.

As per my information there is no any National park, National Sanctuary, Wildlife Sanctuary and National Monuments for a long-long distance (even upto a distance of more than 10Km.) from this road alignment. Since this Road project is situated at the average altitude of 500 m above AMSL and does not fall under ecologically sensitive area/zone and the forest land nearby of this road alignment has been leased to different mining companies also. And hence this road does not located within protected area.

(v) **Cost benefit analysis :-** If this dilapidated existing road is reconstructed to double lane standard with required protection work as per site requirements as already earlier done in the existing road also and improved horizontal & vertical geometric designs, it will serve large number of BPL population & Tribal population deprived of smooth and uninterrupted communication. After reconstruction of the road Chaibasa District head quarter will be directly connected to the surrounding villages & various mines headquarters via Hatgamhariya - Noamundi - Bara Jamda Road. The villagers of the adjoining area will be benefitted with better educational & health facilities. The road will also provide better marketing access to the agricultural and handicraft produce of the adjoining localities resulting in elevating poverty and ultimately reducing extremist activities in the area. The road will also prove to be of importance from strategic point of view.

If this proposed existing road presently in dilapidated condition is not reconstructed, a much longer distance will have to be travelled by the heavy loaded minerals vehicles coming from adjoining mines and villagers also, costing the Govt. exchequer dearly.

The road will not only benefit the tribal and economically backward villages lying by the side of the road but it will serve number of villages in the vicinity of the stretch of the said road. Moreover as this road will join Hatgamhariya - Noamundi - Barajamda - Baraiburu road, Manoharpur - Rourkela road, Manoharpur - Kalebira road and become part of an interstate road via NH-75 (Ext.) , NH-23 and other link roads that joins Chaibasa to Orissa, Chhatisgarh and benefiting West Singhbhum district enormously. A large number of population will be benefited by this road.

(vi) **Employment Likely to be generated :-** Employment of about 350000 Mandays will be generated in the locality during construction of the road.

2. **Purpose-wise break-up of the total land required :-** The road in subject is a very very old black top road which is constructed prior to 1980. The fact is evident from the proceedings of the Gram Sabha held on Dt. 26.01.2015, photocopy of which is enclose herewith. It is also evident from the Topo sheet no. F45H7 of survey of India enclosed which is based on the survey of the year 1977 - 78. As per the Topo Sheet av. width of the Road land is around 25 metres which can be measured on the Topo sheet enclosed. This is also vindicated by the fact that as per requirement of the road several Civil Engineering Structures were

constructed up to 25 meters width which were constructed at the time of construction of the original road i.e. before 1980. Even this fact has been accepted by the D.F.O., Saranda in his letter no. 498 dt. 14.03.2015 on the very first paragraph of the said letter. Since the av. existing Road land is approximately 25 metres in width, diversion of forest land is not required, rather only permission to restart the stopped partial work from Chainage 9000m to 10500m of the road as approved by the road construction department, Govt. of Jharkhand is solicited.

If the forest department is not at all agreed with the facts enumerated above & in para 1(i) then only then this proposal may please be treated as proposal for diversion of forest land as per the following calculation :-

- (i) From Ch. 9000 to 10500
1500 X [25m (required width) -16.5m(av. width already permitted for the shoulders vide para 2 of letter no. 498 Dt. 14.3.2015)]. = 12750 Sqm. = 1.275 Hectares.
- (ii) From Ch. 20100 to 24500
- (iii) 4400X [25m (required width) -16.5m(av. width already permitted for the shoulders vide para 2 of letter no. 498 Dt. 14.3.2015)]. = 37400 Sqm. = 3.740 Hectares.

Therefore total land required for diversion =5.015 Hectares.

In order to find a way out and to restart the project, forest land diversion area calculated by D.F.O. saranda vide letter No. 1036 dt. 18.5.16 is being applied i.e. 7.67 Hectare.

Since this road alignment passes through extremely Naxal affected area of West Singhbhum district which is LWE District declared by Govt. of India, Ministry of Environment & forest (FC Division) vide his letter dated 13.05.2011. To facilitate creation of requisite road network to facilitate the security forces to effectively counter Left Wing Extremism, a general approval under section-2 of forest conservation Act, 1980 for construction of 2 lane public roads by Government Departments in LWE affected districts, irrespective of the area of forest land involved has been given vide letter dated 25.02.2016 of Govt. of India, Ministry of Environment, forests & Climate change. There is no need of CA land and Gram sabha, concern letters of dated 25.02.2016, 4.7.2014 and 05.02.2013 & 16.06.2011 of Govt. of India, Ministry of Environment, forests & Climate change and Ministry of Environment, forests may kindly be referred.

3. Details of displacement of people due to the project, if any :-

(i) Number of Families :- None as there is no habitation in the required portion of the project road passing through forest area.

(ii) Number of Schedule cast Schedule Tribe families :- None

(iii) Rehabilitation Plan. (To be enclosed) :- Not required.

4. Whether clearance under Environment (Protection) Act, 1986 required ? (Yes/No) :- No

5. Undertaking :- I, as an Executive Engineer of Road Division, Manoharpur under Road construction department, Jharkhand Ranchi, do hereby undertake that the State Government will bear the cost of raising and maintainance of compensatory afforestation as well as cost for protection and regeneration of safety zone etc. as per the scheme prepared by the State Government.

Undertaking is enclosed in separate sheet.

6. Details of Certificates / documents enclosed as required under the instructions :-

- (i) Topo sheets enclosed. The proposed road has been marked on the Topo sheet and signed.
- (ii) Copy of Technical approval .
- (iii) Copy of A.A. enclosed.
- (iv) Proceeding of Gram Sabha(Photo copy) enclosed.
- (v) Undertaking as above.
- (vi) Copy of first page of Agreement of proposed work.
- (vii) Alignment Plan on 1:10000 scale
- (viii) Joint inspection report (photo copy)
- (ix) photo copy of permission Letter no. 498 Dt. 14.3.2015 of D.F.O. Saranda, Chaibasa.

Signature



RAJEEV KUMAR SINGH
Executive Engineer
RCD, Road Division manoharpur
Address (of User Agency)

Date :- 25.01.2017

Place :- Manoharpur

State serial No. of proposal

(To be filled up by the Nodal Officer with date of receipt)

UNDERTAKING

On behalf of the Governor of Jharkhand, I, as an Executive Engineer, RCD, Road Division Manoharpur do hereby undertake that the State Government will bear the cost of compensatory afforestation and the amount of NPV as per your demand for the reconstruction of Gua - Salai Road (Km. 11.00 To 29.00).


25/01/17

Executive Engineer

RCD, Road Division Manoharpur.

झारखण्ड सरकार
पथ निर्माण विभाग

पत्रांक - प0नि0वि0/06-योजना-66/2014 - 6047(S) दिनांक - 12/8/14

स्वीकृतिपत्र

सेवा में,

महालेखाकार (ले0 एवं ह0),
झारखण्ड,
हिन्नु रांची।

विषय:- पथ प्रमण्डल, मनोहरपुर अन्तर्गत "गुवा-सलाई पथ (MDR-189) के कि0मी0 12.00 से कि0मी0 29.00 (कुल लंबाई-18.00 कि0मी0) तक चौड़ीकरण एवं मजबूतीकरण/पुनर्निर्माण कार्य (मू-अर्जन एवं चार अर्द्ध पुलों के निर्माण सहित) हेतु रु0 58,22,60,800/- (अठ्ठावन करोड़ बाईस लाख साठ हजार आठ सौ रु0) मात्र का प्रशासनिक स्वीकृति प्रदान करने के सम्बंध में।

आदेश:- उपर्युक्त कार्य के लिए कुल रु0 58,22,60,800/- (अठ्ठावन करोड़ बाईस लाख साठ हजार आठ सौ रु0) मात्र की लागत पर प्रशासनिक स्वीकृति प्रदान की जाती है।

2. इस निर्माण कार्य में होने वाला व्यय झारखण्ड सरकार के पथ निर्माण विभाग के व्यय शीर्ष- " मुख्य शीर्ष-5054-सड़कों एवं सेतुओं पर पूंजीगत, परिध्यय, उप मुख्य शीर्ष-03-राज्यों के राजमार्ग, लघु शीर्ष-796-जनजातीय क्षेत्रीय उपयोजना-उप शीर्ष-01-वृहद सड़कें, विस्तृत शीर्ष-05-निर्माण-45- मुख्य निर्माण कार्य " के अन्तर्गत विकलनीय होगा।

3. इस राशि के निकासी एवं व्ययन पदाधिकारी, कार्यपालक अभियंता, पथ प्रमण्डल, मनोहरपुर होंगे, तथा इस राशि की निकासी कोषागार, मनोहरपुर से की जायेगी।

4. इस कार्य को निम्न वित्तीय एवं भौतिक लक्ष्य के अनुरूप पूरा किया जाएगा:-

वित्तीय वर्ष	वित्तीय लक्ष्य	भौतिक लक्ष्य
2014-15	रु0 1200.000 लाख	21%
2015-16	रु0 2350.000 लाख	40%
2016-17	रु0 2272.608 लाख	39%

5. मुख्य अभियंता (या0), पथ निर्माण विभाग, झारखण्ड, रांची इस कार्य के प्रगति की समीक्षा प्रतिमाह नियमित रूप से करेंगे।

6. निकासी एवं व्ययन पदाधिकारी की यह जिम्मेवारी रहेगी कि अगर वे यह देखें कि यदि ऐसी कोई योजना या कार्य के विरुद्ध राशि व्यय की जा रही है जिसे दूसरे श्रोत से राशि मिल रही है या मिलने जा रही है तो इसकी निकासी को रोककर इसके निराकरण हेतु सूचना संबंधित पदाधिकारी तथा विभाग को देंगे।

7. प्रस्ताव पर मन्त्रिपरिषद की स्वीकृति प्राप्त है।

सरकार के उप सचिव,
पथ निर्माण विभाग,
झारखण्ड, रांची।

ज्ञापांक- प0नि0वि0/06-योजना-66/2014 - 6047(5) दिनांक - 12/8/14

प्रतिलिपि-मुख्य अभियंता(याता0), पथ निर्माण विभाग, राँची/मुख्य अभियंता, केन्द्रीय निरूपण संगठन, पथ निर्माण विभाग, राँची/अधीक्षण अभियंता, पथ निर्माण विभाग, पथ अंचल, चाईबासा/कार्यपालक अभियंता, पथ प्रमंडल, मनोहरपुर को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

2. इस स्वीकृति में गुणवत्ता नियंत्रण हेतु राशि का प्रावधान सम्मिलित नहीं है।
3. इस स्वीकृति में आकस्मिकता व्यय की राशि सम्मिलित है, जिसके आवंटन हेतु अध्याचना के साथ उचित प्रयोजन दर्शाया जाना आवश्यक होगा।
4. इस कार्य के कार्यान्वयन से जुड़े कार्यपालक अभियंता एवं अधीक्षण अभियंता निम्न बिन्दुओं पर संतुष्ट/सुनिश्चित होकर ही निर्माण हेतु कार्यान्वयन की अग्रेतर कार्रवाई करेंगे :-
 (i) विभाग के SBD के प्रावधानों के अन्तर्गत कार्य कराया जायेगा।
 (ii) यह सुनिश्चित कर लेंगे कि प्रावकलन के सभी खंडों का संपादन एक साथ पूर्ण हो।
5. मुख्य अभियंता (या.) पथ निर्माण विभाग, राँची कार्य की अद्यतन प्रगति की समीक्षा कर प्रतिमाह अभियंता प्रमुख को प्रतिवेदन समर्पित करेंगे।

सरकार के उप सचिव,
पथ निर्माण विभाग,
झारखण्ड, राँची।

ज्ञापांक- प0नि0वि0/06-योजना-66/2014 - 6047(5) दिनांक - 12/8/14

प्रतिलिपि :- मुख्य सचिव, झारखण्ड, राँची/ विकास आयुक्त, झारखण्ड, राँची/मुख्यमंत्री के प्रधान सचिव, झारखण्ड, राँची/ प्रधान सचिव, वित्त विभाग, झारखण्ड, राँची/प्रधान सचिव, पथ निर्माण विभाग झारखण्ड, राँची का प्रकोष्ठ/ प्रधान सचिव, योजना एवं विकास विभाग, झारखण्ड, राँची/आयुक्त, कोल्हान प्रमण्डल, चाईबासा/अभियंता प्रमुख, पथ निर्माण विभाग, झारखण्ड, राँची/उपायुक्त, मनोहरपुर/ अभियंता प्रमुख के सचिव (प्रावधिक), पथ निर्माण विभाग, झारखण्ड, राँची/ विशेष पदाधिकारी (या0) पथ निर्माण विभाग झारखण्ड, राँची/ उपसचिव, पथ निर्माण विभाग, झारखण्ड राँची /उप सचिव (प्र0को0) पथ निर्माण विभाग, झारखण्ड, राँची/ कार्यपालक अभियंता (अनुश्रवण), मुख्यालय, पथ निर्माण विभाग, झारखण्ड, राँची/ कार्यपालक अभियंता (योजना एवं अन्वेषण), मुख्यालय, पथ निर्माण विभाग, झारखण्ड, राँची/ योजना पदाधिकारी, पथ निर्माण विभाग, झारखण्ड, राँची/ सहायक अभियंता (मुख्यालय), पथ निर्माण विभाग, झारखण्ड, राँची/प्रशाखा पदाधिकारी, प्रशाखा-8, पथ निर्माण विभाग, झारखण्ड, राँची/ प्रशाखा पदाधिकारी, प्रशाखा-9, पथ निर्माण विभाग, झारखण्ड, राँची एवं सम्बन्धित सहायक को (पॉच प्रतियों में) सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

सरकार के उप सचिव,
पथ निर्माण विभाग,
झारखण्ड, राँची।

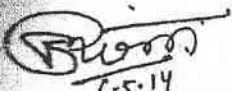
GENERAL ABSTRACT OF COST

Name of the Work :- Reconstruction, Strengthening and Widening of Gua-Salai Road
(Km 9.00 to Km 27.00)

Total Length - 18.00 Km.

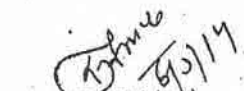
<u>Sl.No.</u>	<u>Items</u>	<u>Amount in (Rs.)</u>
		2258077.05
1.0 (i)	General	30097059.60
(ii)	Earth Work	152983302.95
(iii)	Sub Base and Base Course	173039215.90
(iv)	Bituminous Course	4369968.82
(v)	Miscellaneous	84872258.54
2	Culverts	20895318.01
3	Drains	8117691.25
4	Metal Beam Crash Barrier	476632892.09
	Sub Total Rs.	
5	Contingency @ 1.0% upto 1.0cr. And 0.5% thereafter	2433164.46
6	Cost of Bridges	14806918.00
	(i) At ch.10637.0m	30529190.00
	(ii) At ch.12634.0	18588151.00
	(iii) ch.17534.0m	25770455.00
	(iv) ch.24108.0m	
7	Land acquisition :9000.00 desimal (36.0 hectare)@1500.00/desimal	13500000.00
	Total Project Cost	582,260,770.55
	Say Rs.	58,22,60,800.00

Technical approval is accorded for the Rs. 58,22,60,800.00 (Rs. Fifty Eight Crore Twenty Two Lacs Sixty Thousand and Eight Hundred) only.

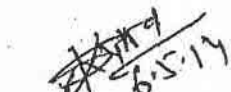

6.5.14
A.E. (Road)
C.D.O., R.C.D.
Jharkhand, Ranchi


6.5.14
A.E. (Bridge)
C.D.O., R.C.D.
Jharkhand, Ranchi


6.5.14
E.E. (Road)
C.D.O., R.C.D.
Jharkhand, Ranchi


6.5.14
E.E. (Bridge)
C.D.O., R.C.D.
Jharkhand, Ranchi


6.5.14
S.E. (Road)
C.D.O., R.C.D.
Jharkhand, Ranchi


6.5.14
S.E. (Bridge)
C.D.O., R.C.D.
Jharkhand, Ranchi

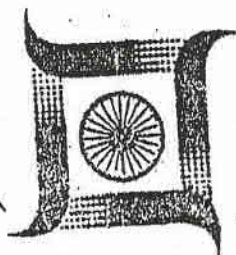

6.5.14
Chief Engineer
C.D.O., R.C.D.
Jharkhand, Ranchi

certified copy

दि. 27.9.14

कायपालक आम्बरा,
बनोहरपुर, पञ्च प्रमण्डल

27/9/14



झारखण्ड सरकार

⑪
Certified that this
Ag. book contains
hand written Page
No - 1 to 205

Signature

कायपालक आम्बरा,
बनोहरपुर, पञ्च प्रमण्डल
मनोहरपुर

GOVERNMENT OF JHARKHAND
ROAD CONSTRUCTION DEPARTMENT
ROAD DIVISION, MANOHARPUR

AGREEMENT DOCUMENT

Name of Work :- Widening and Strengthening/
Reconstruction of Gua-Salai Road k.m.
11.00 to k.m. 29.00

Name of Agency :- M/s Ram Kripal Singh Construction Pvt.
Ltd., 702, 7th Floor, Panchwati Plaza,
Kutchery Road, Ranchi, - 834001

Agreement No. :- 02 SBD of 2014-15 dt. 27.09.2014

Estimated Cost :- Rs. 56,86,00,851.00

Bid Amount Sanctioned :- Rs. 62,25,27,431.57

Agreement Value :- Rs. 62,25,27,431.57

Office of the Executive Engineer
Road Construction Department, Road Division,
Manoharpur

For M/s Ram Kripal Singh Construction Pvt. Ltd.

Signature
कायपालक आम्बरा,
बनोहरपुर, पञ्च प्रमण्डल
मनोहरपुर

(9)

उभाजित किया जाता है कि इस पंजी में कुल ⁵⁸ 58
(साठ) हस्तलिखित पृष्ठ हैं

मुण्डा
ग्राम घाटकुड़ी
पंचायत-गंगदा
गुआ-प० सिंहभूम (झारखण्ड)

मुण्डा
ग्राम घाटकुड़ी, सी. बाबा . ५
मुण्डा : प० सिंहभूम '५५

कि रक्षा-गाम्पिया

पक्षि रक्षा सुरीन

मुण्डा

मुण्डा
ग्राम-रोवाम
पो०-गुवा
प्रखण्ड-मनोहरपुर
कुषाग्र सीढ़

आज दिनांक 26.01.2015 दिन सोमवार को गिरसा चामिया
ग्रामीण मुंडा गंगदा की अछाम में एक ग्राम स्तर का
आयोजन किया गया जिसमें जिसमें गिनलिखित ग्रामीण
उपस्थित हुए /

मुण्डा
ग्राम घाटकुड़ी
पंचायत-गंगदा
गुआ-पर्व सिंहभूम (सारखण्ड)

गिरसा चामिया
गिरसा चामिया

गिरसा चुरीन मुण्डा

गिरसा चामिया

Bijay Kumar Sida

सुनिया चुरी

हुनलिया चुरी

सुनिया चुरी

जामदाल सुण्डी

आलोकरणी

सुनिया चुरी

नाथो चाकिया

जानी चुरी

बुधराज सिद्धू

मुण्डा
ग्राम-रोवाम
पो-गुवा
प्रखण्ड-मनोहरपुर

मदनी पोरा

Somai Grop

दिगम्बर गोप

सकुर चाकिया

राम नाम धुन्डी

सारदी चोगडा

Rambali Grop

शंगल धुन्डी

श्रीमान सिद्धू

Laguni Badary

Ram Pal Chakiya

लखन देव गोप

शिव नन्दन धुन्डी

चण दानव धुन्डी

Binay Pant

शोसज सुरीन

दिवा शंकर गोप

ਡਗਲ ਸੁਰੀਨ



ਭੋਂਜ ਸੁਰੀਨ



ਰੋਮੈਕ (ਰੁਮੁੰਡ)



ਸਮਦਾਨ ਗੋਪ

ਚੁਟੀ ਲੁਟੇਨ



ਸਰਗਿਆ ਲੁਟੇਨ



ਕੋਸ਼ੇਰਾ ਗੋਪ

ਫਿਲਿਸ਼ਰ ਗੋਪ

ਮਧੁ ਪੁਰੀ



ਅਨਮਾਦ ਲੁਟੇਨ



ਅੰਗਾਨ ਪੁਰੀ



(6)

Lalit podkar.

Shiv. Charana

कुचु गोप

सागर पूरि

जामदार धरीन

वेगना दुनागा

जाम सिंह संगरीचा

जैना चंपिचा

Ashok Das

सुनिल लागुरी

शगिला गोप

सुपैय लागुरी

सरञ्जनी देवी

निजली देवी

उप बंधन हुआ था। तब तक जो गुआ-सलाई पथ का अंदा है तथा नुईया एवं गंगदा गाँव के बीच पड़ा है। के पथ निर्माण विभाग, आरक्षण सरकार द्वारा निर्धारित मापदंडों के अनुसार पुनर्निर्माण के बीच संबंध में चर्चा किया गया। इस पक्की सड़क पथ निर्माण विभाग द्वारा 1975 से पूर्व का बनाया हुआ है जो वर्तमान में विनाकुल ही उर्जर स्थिति में है।

अब इस सड़क का पुनर्निर्माण पथ निर्माण विभाग आरक्षण सरकार द्वारा निर्धारित मापदंडों के अनुसार कराया जाना है यह सड़क नुईया एवं गंगदा गाँव के बीच वन-प्रदेश से हो कर गुजरती है। यह सड़क एक तरफ तिलिवा आदिवासी वडुल गाँवों से गुजरकर सलाई होते हुए मनोहरपुर को तथा दूसरी-तरफ गुआ से बरायबुल-जामदा-नौवागुडी-हादगमहरिया होते हुए जिला मुख्यालय चंडीवाला को जोड़ती है। इस पंचांश के अन्तर्गत उद्यान-वना विभिन्न कंपनियों के कई आधारन मॉडर्न अवस्थित है जिसमें इस आदिवासी वडुल क्षेत्र के जमीन धारियों को रोजगार का अवसर है। यदि इस सड़क का पुनर्निर्माण हो जाता है, तो इस आदिवासी वडुल क्षेत्र के जमीन धारियों के शिक्षा स्वास्थ्य के साथ-साथ अर्थिक स्थिति सुधारे में काफी मदद होगी। एवं रोजगार के नये अवसर बनेंगे।

इस सड़क का पंचांश जो नुईया एवं गंगदा गाँव के बीच वन-प्रदेश से होकर गुजरती है। के पथ निर्माण विभाग द्वारा आरक्षण सरकार द्वारा निर्धारित मापदंडों के अनुसार पुनर्निर्माण हेतु प्रस्ताव पारित किया गया।

सब सम्मति से यह निर्णय लिया गया है कि पूर्व निर्मित सड़क (सन् 1975 से पूर्व का बना है) जो वर्तमान में उर्जर स्थिति में है का पुनर्निर्माण, पथ निर्माण विभाग, आरक्षण सरकार द्वारा जल्द करवाया जाय ताकि गंगायात सुविधा सुगम होने के साथ-साथ स्थानीय जमीन धारियों एवं अन्य सभी आदिवासी लाभान्वित एवं सुशान हो सकें।

इस निर्माण सभी धारियों सहमत है एवं किसी को किसी प्रकार की कोई आपत्ति नहीं है।

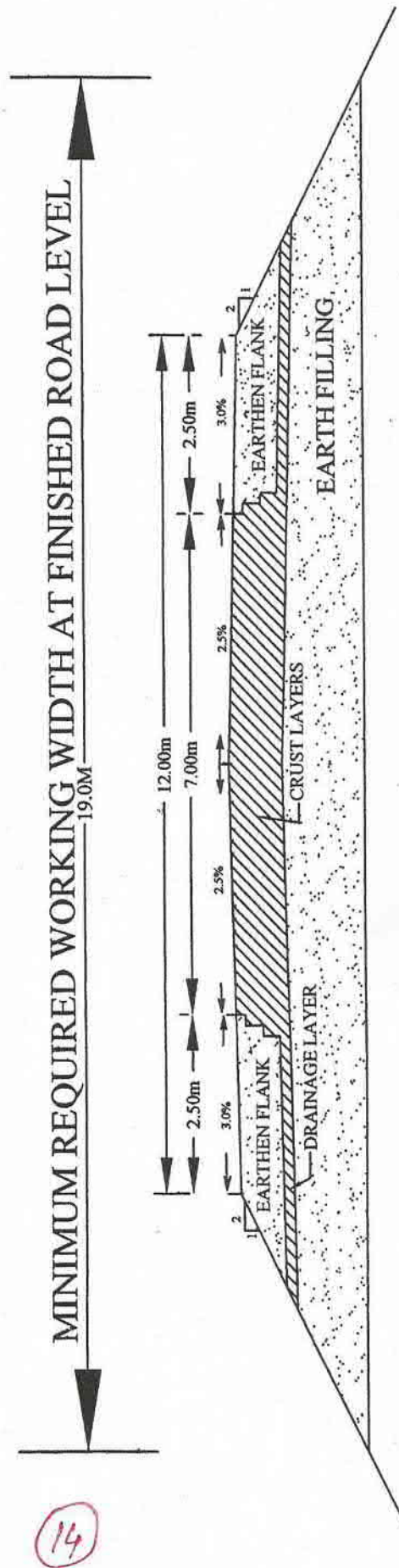
क. कला, पी. कला. क.
विभा. प. विभाग, (पथ)

बिरसा सतीश मुन्हा

मुण्डा
ग्राम घाटकुड़ी
पंचायत-गंगदा
मुआ-प० सिंहभूम (झारखण्ड)

गिरसा चाम्पिया (मु०)

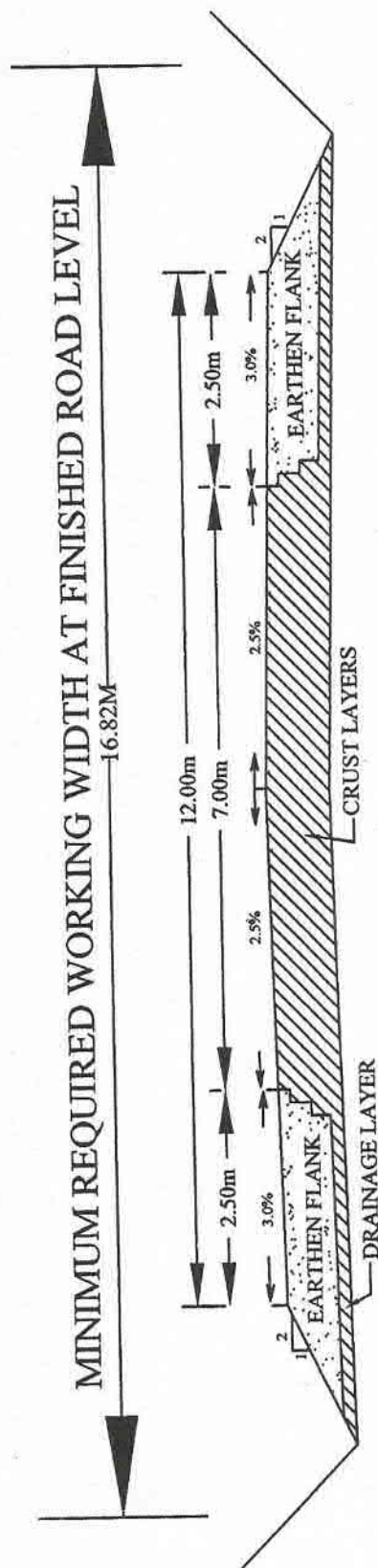
Ref
21/6/11/16.



TYPICAL CROSS - SECTION IN FILLING

NOT TO SCALE

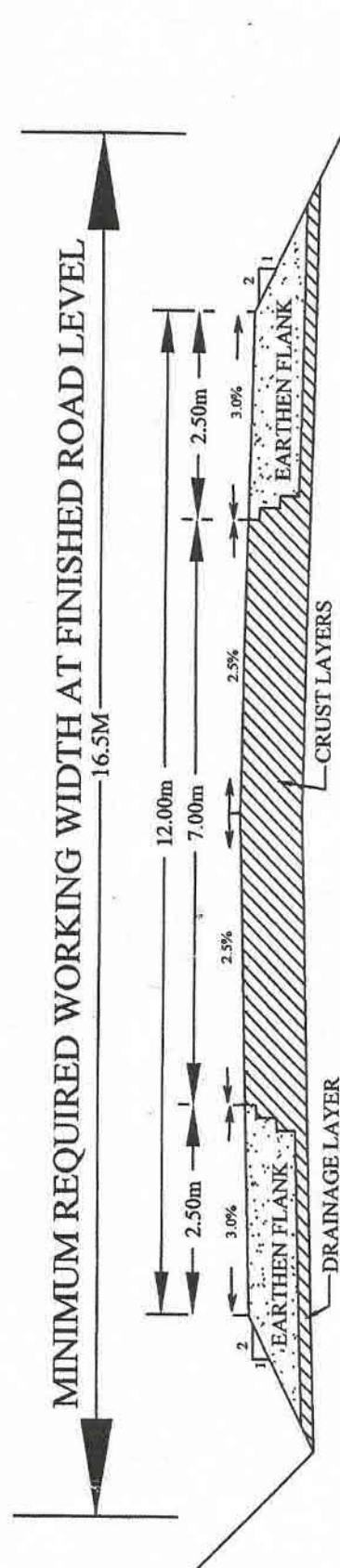
Ref
21/01/16



TYPICAL CROSS - SECTION IN CUTTING

NOT TO SCALE

Refd
21/10/16



TYPICAL CROSS - SECTION IN CUTTING & FILLING

NOT TO SCALE

कार्यालय :- वन क्षेत्र पदाधिकारी, गुआ वन प्रक्षेत्र, गुआ

दिनांक :-

प्रतिवेदन

दिनांक :-

आज दिनांक 11/03/2015 को गुआ-सलाई पथ (कि०मी० 2.00 से कि०मी० 11.00 (9.00 कि०मी०) चौड़ीकरण / मजबूतीकरण / पुर्ननिर्माण कार्य के संबंध में वन प्रमुख पदाधिकारी, साह्यद वन प्रखंड, माडवाहा के आदेश 449 दिनांक 09/03/2015 के आलाव में वर्तमान पथ की स्थिति की स्थल जांच समुक्त इस से भी गई जिसमें निम्नलिखित पदाधिकारी उपस्थित हुए।

1. श्री गणेश लाल भगत - वन क्षेत्र पदाधिकारी गुआ.
2. श्री उमेश कुमार सिंह - सहायक अभियन्ता मोवाभुर्गी
3. श्री अशोक कुमार राय - सहायक अभियन्ता मोवाभुर्गी
4. श्री श्रीप्रकाश मिश्र - डी० अभियन्ता मोवाभुर्गी
5. श्री चर्मजय कुमार सोनी - कनिष्ठ अभियन्ता मोवाभुर्गी

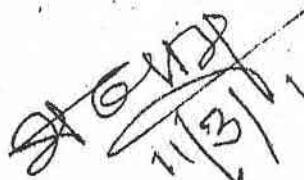
इस पथ के विभिन्न स्थानों पर वर्तमान चौड़ाई के नापा गया जो निम्न प्रकार है।

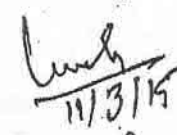
Sl.no.	Champer	width
1.	2625	12.70 Mts.
2.	3080	10.20 Mts.
3.	3475	12.20 Mts.
4.	3625	10.30 Mts.
5.	4475	3.75 Mts (black top) without flank.
6.	4582	12.6 Mts + 3.0 Mts protection road forming
7.	4625	12.7 Mts + 3.0 Mts protection work.
8.	4675	10.5 Mts + 11.0 Mts Eard wall protection work
9.	4750	3.75 Mts (black top) with cut flank.
10.	4980	12.50 Mts + 4.0 Mts protection work.
11.	5870	9.00 Mts + 6.0 Mts protection work.

इस प्रश्न पर पथ, गुआ से सालाई की चौड़ाई लगाना इस प्रकार

उल्लेखनीय है कि प्रस्तावित पथ के दोनों ओर
कुछ पेड़ों की Marking की गई है पन्ना वहाँ के पथ के
Aligning Alignment के अर्थ में की गई है। निम्न पेड़ों की छाई न
होनी है। कुल उन्नीस पेड़ों की कटाई होनी है जो निम्न आंकड़ों
तोगा और ऐसे पेड़ों को (X-cross) मारके है चिह्नित किया
गया है। कड़ी-कड़ी पथ जहाँ Road में sharp turning एवं
pin bend स्थित है वहाँ पथ Edward wall एवं protection wall
वगैरह निम्न आंकड़ों तोगा फलस्वरूप वहाँ पथ site के
demand के अनुसार Road की चौड़ाई में कुछ बृद्धि होगी
वर्तमान पथ में भी दृष्टीगोचर है।

सड़क के दोनों ओर कड़ी-कड़ी पथ survey करने एवं Road की
दोनों ओर Reference pillars अस्थापी रूप में लगाये जाये हैं जो
सड़क के निर्माण हेतु Reference point हैं। सूचनाएँ संश्लेषित।


11/3/15
वन क्षेत्र पर्यवेक्षण-गुआ


11/3/15
सहायक अभियन्ता
नोवागुणी


11/3/15
सहायक अभियन्ता
मनाथपुरा


11/3/15
अभियन्ता
नोवागुणी

कार्यालय :-

वन प्रमण्डल पदाधिकारी, सारण्डा वन प्रमण्डल, चाईबासा।

पत्रांक :- 498 दिनांक :- 14/03/2015

सेवा में,

कार्यपालक अभियन्ता,
पथ निर्माण विभाग,
पथ प्रमण्डल, मनोहरपुर।

विषय:-

गुआ-सलाई पथ के कि०मी० 12.00 से कि०मी० 29.00 (17.00 कि०मी०) चौड़ीकरण / मजबूतीकरण / पुर्ननिर्माण कार्य वन क्षेत्र में करने हेतु अनुमति देने के संबंध में।

प्रसंग:-

आपका पत्रांक 118 (अनु०) दिनांक 27.02.2015 एवं पत्रांक 147 (अनु०) दिनांक 12.03.2015

महाराज,

उपर्युक्त विषयक के प्रासंगिक पत्र के संबंध में सूचित करना है कि गुआ-सलाई पथ (R.O.W. पथ) जो वन संरक्षण अधिनियम, 1980 के पूर्व निर्मित है, का संयुक्त स्थलीय जाँचोपरान्त चौड़ीकरण / मजबूतीकरण / पुर्ननिर्माण कार्य की अनुमति प्रधान मुख्य वन संरक्षक सह कार्यकारी निदेशक, बंजर भूमि विकास बोर्ड, झारखण्ड, राँची का पत्रांक 968 दिनांक 07.11.2006 के निदेश के आलोक में वन संरक्षण अधिनियम, 1980 के प्रावधानों के तहत निम्न शर्तों के साथ दी जाती है।

9. कालीकरण / पुर्ननिर्माण / मजबूतीकरण का कार्य वनपथ की मौजूदा चौड़ाई 7 मीटर तक सीमित रहेगा तथा इस काम में किसी वृक्षों की कटाई नहीं की जायेगी। मात्र झाड़ी सफाई आदि कार्य की अनुमति मान्य होगी।
10. मुख्य पथ के बगल में दोनों तरफ Flank का निर्माण निर्धारित मापदण्ड के अनुसार अवश्य कराया जाएगा ताकि वन्य प्राणियों के आवागमन में कोई कठिनाई न हो।
11. पथ के पुल-पुलिया, घुमाव क्षेत्र एवं गार्डवाल क्षेत्र जहाँ पथ की चौड़ाई अधिक है में मजबूतीकरण का कार्य किया जा सकता है। परन्तु नये पुल, पुलिया एवं गार्डवाल के निर्माण हेतु पथ की चौड़ाई के बाहर वनभूमि के उपयोग एवं वृक्षों के पतन के लिए विभागीय पूर्वानुमति प्राप्त करना आवश्यक होगी।
12. नये वन क्षेत्र (Fresh Forest Land) का खण्डन नहीं किया जाएगा।
13. पथ के निर्माण कार्य में उपरोक्त वन क्षेत्र से निष्काशित पत्थर/मुरुम आदि सामग्री का इस्तेमाल नहीं किया जाएगा और न ही किसी वनोत्पाद की निकासी वन क्षेत्र से बाहर की जाएगी।
14. वन क्षेत्र में श्रमिक शिविर स्थापित नहीं किये जायेंगे तथा जलावन हेतु वनभूमि में वृक्षों के लकड़ियों उपयोग नहीं किया जायेगा।
15. सूर्यास्त के पश्चात् कालीकरण कार्य नहीं किया जाएगा।
16. पथ का सुदृढीकरण कार्य में प्रयुक्त वाहन एवं बड़े मशीनी उपकरण के वन पथ के उपयोग हेतु परिवहन अनुमति लेनी आवश्यक होगी।

उपर्युक्त शर्तों का बिन्दुवार वचनबद्धता पथ का आरेखन मैप के साथ समर्पित करने के पश्चात् कालीकरण कार्य प्रारम्भ किया जाए।

आपका विश्वासी,

वन प्रमण्डल पदाधिकारी,
सारण्डा वन प्रमण्डल,
चाईबासा।

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गुवा - सलाई पथ के चौड़ीकरण एवं मजबूतीकरण कार्य में चैनेज 9.000 से 10.500 तक में आने वाले वृक्षों की सूची

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
1	Misc.	90.00	
2	Misc.	120.00	
3	Misc.	60.00	
4	Misc.	60.00	
5	Misc.	55.00	
6	Misc.	70.00	
7	Misc.	65.00	
8	Misc.	60.00	
9	Sal.	217.00	
10	Misc.	55.00	
11	Misc.	45.00	
12	Misc.	60.00	
13	Misc.	80.00	
14	Misc.	70.00	
15	Misc.	50.00	
16	Misc.	140.00	
17	Misc.	110.00	
18	Misc.	60.00	
19	Misc.	90.00	
20	Misc.	95.00	
21	Misc.	70.00	
22	Misc.	130.00	
23	Misc.	65.00	
24	Misc.	50.00	
25	Misc.	50.00	
26	Misc.	75.00	
27	Misc.	50.00	
28	Misc.	50.00	
29	Misc.	55.00	
30	Misc.	50.00	
31	Misc.	55.00	
32	Misc.	80.00	
33	Misc.	65.00	
34	Misc.	85.00	
35	Misc.	125.00	
36	Misc.	55.00	
37	Misc.	120.00	
38	Misc.	70.00	
39	Misc.	50.00	
40	Misc.	70.00	
41	Misc.	120.00	
42	Misc.	130.00	
43	Misc.	80.00	
44	Misc.	135.00	
45	Misc.	100.00	
46	Misc.	125.00	
47	Misc.	80.00	
48	Misc.	120.00	
49	Misc.	130.00	
50	Misc.	60.00	
51	Sal.	180.00	
52	Misc.	120.00	
53	Misc.	90.00	
54	Misc.	70.00	
55	Misc.	70.00	
56	Misc.	70.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
57	Misc.	100.00	
58	Misc.	45.00	
59	Misc.	130.00	
60	Misc.	90.00	
61	Misc.	70.00	
62	Misc.	80.00	
63	Misc.	75.00	
64	Misc.	90.00	
65	Misc.	90.00	
66	Misc.	60.00	
67	Misc.	50.00	
68	Misc.	85.00	
69	Misc.	170.00	
70	Misc.	55.00	
71	Misc.	120.00	
72	Misc.	150.00	
73	Misc.	50.00	
74	Misc.	120.00	
75	Sal.	190.00	
76	Misc.	80.00	
77	Misc.	60.00	
78	Misc.	120.00	
79	Misc.	100.00	
80	Misc.	40.00	
81	Misc.	95.00	
82	Misc.	50.00	
83	Misc.	125.00	
84	Misc.	130.00	
85	Misc.	100.00	
86	Misc.	70.00	
87	Misc.	120.00	
88	Misc.	65.00	
89	Misc.	70.00	
90	Misc.	80.00	
91	Misc.	120.00	
92	Misc.	100.00	
93	Sal.	120.00	
94	Misc.	90.00	
95	Misc.	70.00	
96	Misc.	100.00	
97	Sal.	160.00	
98	Sal.	100.00	
99	Misc.	120.00	
100	Misc.	50.00	
101	Misc.	80.00	
102	Misc.	50.00	
103	Misc.	80.00	
104	Misc.	85.00	
105	Misc.	60.00	
106	Misc.	100.00	
107	Misc.	85.00	
108	Misc.	50.00	
109	Misc.	140.00	
110	Misc.	165.00	
111	Misc.	80.00	
112	Misc.	160.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
113	Misc.	85.00	
114	Misc.	80.00	
115	Misc.	60.00	
116	Misc.	85.00	
117	Misc.	85.00	
118	Misc.	70.00	
119	Misc.	125.00	
120	Sal.	155.00	
121	Misc.	170.00	
122	Misc.	70.00	
123	Misc.	90.00	
124	Misc.	70.00	
125	Misc.	60.00	
126	Misc.	95.00	
127	Misc.	60.00	
128	Misc.	95.00	
129	Misc.	65.00	
130	Misc.	125.00	
131	Misc.	130.00	
132	Misc.	140.00	
133	Misc.	70.00	
134	Misc.	120.00	
135	Misc.	110.00	
136	Misc.	60.00	
137	Misc.	50.00	
138	Misc.	60.00	
139	Misc.	100.00	
140	Misc.	110.00	
141	Misc.	100.00	
142	Simal.	125.00	
143	Misc.	90.00	
144	Misc.	85.00	
145	Misc.	85.00	
146	Misc.	70.00	
147	Misc.	80.00	
148	Misc.	70.00	
149	Misc.	85.00	
150	Misc.	45.00	
151	Misc.	95.00	
152	Misc.	100.00	
153	Misc.	105.00	
154	Misc.	85.00	
155	Misc.	85.00	
156	Sal.	180.00	
157	Misc.	65.00	
158	Misc.	125.00	
159	Misc.	110.00	
160	Misc.	110.00	
161	Misc.	100.00	
162	Misc.	70.00	
163	Misc.	30.00	
164	Misc.	65.00	
165	Misc.	152.00	
166	Misc.	50.00	
167	Misc.	135.00	
168	Misc.	165.00	
169	Misc.	135.00	
170	Misc.	110.00	
171	Misc.	100.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
172	Misc.	150.00	
173	Misc.	60.00	
174	Misc.	60.00	
175	Misc.	98.00	
176	Misc.	115.00	
177	Misc.	100.00	
178	Misc.	80.00	
179	Misc.	55.00	
180	Misc.	75.00	
181	Misc.	75.00	
182	Misc.	60.00	
183	Misc.	55.00	
184	Misc.	70.00	
185	Misc.	60.00	
186	Misc.	60.00	
187	Misc.	70.00	
188	Misc.	60.00	
189	Misc.	120.00	
190	Misc.	95.00	
191	Misc.	85.00	
192	Misc.	70.00	
193	Sal.	155.00	
194	Sal.	140.00	
195	Sal.	60.00	
196	Sal.	220.00	
197	Sal.	150.00	
198	Sal.	180.00	
199	Misc.	70.00	
200	Misc.	105.00	
201	Misc.	50.00	
202	Misc.	55.00	
203	Misc.	80.00	
204	Misc.	115.00	
205	Misc.	120.00	
206	Sal.	150.00	
207	Misc.	90.00	
208	Misc.	100.00	
209	Misc.	75.00	
210	Misc.	50.00	
211	Misc.	55.00	
212	Misc.	90.00	
213	Misc.	130.00	
214	Misc.	70.00	
215	Misc.	95.00	
216	Misc.	70.00	
217	Misc.	40.00	
218	Misc.	115.00	
219	Misc.	50.00	
220	Misc.	45.00	
221	Misc.	125.00	
222	Misc.	55.00	
223	Sal.	170.00	
224	Sal.	85.00	
225	Sal.	95.00	
226	Sal.	125.00	
227	Misc.	60.00	
228	Misc.	115.00	
229	Misc.	75.00	
230	Misc.	45.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
231	Misc.	120.00	
232	Misc.	100.00	
233	Sal.	180.00	
234	Misc.	55.00	
235	Sal.	115.00	
236	Sal.	150.00	
237	Misc.	75.00	
238	Misc.	90.00	
239	Misc.	80.00	
240	Misc.	75.00	
241	Misc.	50.00	
242	Misc.	70.00	
243	Misc.	50.00	
244	Sal.	200.00	
245	Misc.	90.00	
246	Misc.	165.00	
247	Misc.	65.00	
248	Sal.	160.00	
249	Misc.	40.00	
250	Sal.	45.00	
251	Sal.	130.00	
252	Sal.	80.00	
253	Misc.	50.00	
254	Misc.	70.00	
255	Misc.	60.00	
256	Misc.	60.00	
257	Misc.	110.00	
258	Misc.	60.00	
259	Misc.	70.00	
260	Misc.	220.00	
261	Misc.	50.00	
262	Misc.	60.00	
263	Misc.	65.00	
264	Misc.	65.00	
265	Misc.	65.00	
266	Misc.	50.00	
267	Misc.	70.00	
268	Misc.	120.00	
269	Misc.	100.00	
270	Misc.	50.00	
271	Misc.	50.00	
272	Misc.	85.00	
273	Misc.	45.00	
274	Misc.	60.00	
275	Misc.	60.00	
276	Misc.	70.00	
277	Misc.	80.00	
278	Misc.	40.00	
279	Misc.	50.00	
280	Misc.	55.00	
281	Misc.	110.00	
282	Misc.	100.00	
283	Misc.	80.00	
284	Misc.	140.00	
285	Misc.	95.00	
286	Misc.	110.00	
287	Misc.	100.00	
288	Misc.	75.00	
289	Misc.	90.00	
290	Misc.	200.00	
291	Sal.	75.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
292	Misc.	75.00	
293	Misc.	100.00	
294	Misc.	80.00	
295	Misc.	65.00	
296	Misc.	75.00	
297	Misc.	50.00	
298	Sal.	85.00	
299	Misc.	55.00	
300	Misc.	95.00	
301	Misc.	70.00	
302	Sal.	265.00	
303	Misc.	65.00	
304	Misc.	50.00	
305	Sal.	60.00	
306	Misc.	65.00	
307	Misc.	65.00	
308	Misc.	90.00	
309	Misc.	60.00	
310	Misc.	60.00	
311	Misc.	65.00	
312	Misc.	65.00	
313	Misc.	55.00	
314	Misc.	60.00	
315	Misc.	45.00	
316	Misc.	55.00	
317	Misc.	60.00	
318	Sal.	135.00	
319	Misc.	70.00	
320	Misc.	100.00	
321	Sal.	70.00	
322	Misc.	75.00	
323	Misc.	60.00	
324	Misc.	80.00	
325	Sal.	135.00	
326	Sal.	110.00	
327	Misc.	90.00	
328	Misc.	50.00	
329	Sal.	115.00	
330	Sal.	100.00	
331	Misc.	120.00	
332	Misc.	90.00	
333	Misc.	115.00	
334	Misc.	90.00	
335	Misc.	135.00	
336	Misc.	50.00	
337	Misc.	90.00	
338	Sal.	70.00	
339	Misc.	60.00	
340	Sal.	70.00	
341	Misc.	55.00	
342	Misc.	70.00	
343	Misc.	110.00	
344	Misc.	125.00	
345	Misc.	90.00	
346	Misc.	60.00	
347	Misc.	60.00	
348	Misc.	85.00	
349	Misc.	50.00	
350	Misc.	100.00	
351	Misc.	95.00	
352	Misc.	50.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
353	Misc.	60.00	
354	Misc.	70.00	
355	Misc.	50.00	
356	Misc.	60.00	
357	Sal.	75.00	
358	Sal.	75.00	
359	Misc.	55.00	
360	Sal.	190.00	
361	Misc.	170.00	
362	Misc.	80.00	
363	Misc.	125.00	
364	Misc.	90.00	
365	Misc.	90.00	
366	Misc.	80.00	
367	Misc.	100.00	
368	Misc.	115.00	
369	Misc.	140.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4

नोट:- वृक्ष की प्रजाति में अंतर पाया जा सकता है।

कनीय अभियंता,
पथ प्रशाखा,
मनोहरपुर।

सहायक अभियंता,
पथ अवर प्रमण्डल,
मनोहरपुर।

Raj P
19/02/16

कार्यपालक अभियंता,
पथ प्रमण्डल,
मनोहरपुर।

गुवा - सलाई पथ के चौड़ीकरण एवं मजबूतीकरण कार्य में चैनज 20.100 से 24.500 तक में आने वाले वृक्षों की सूची ।

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
1	Misc.	90.00	
2	Misc.	130.00	
3	Mango.	230.00	
4	Misc.	90.00	
5	Misc.	60.00	
6	Misc.	70.00	
7	Misc.	60.00	
8	Misc.	60.00	
9	Misc.	80.00	
10	Misc.	50.00	
11	Misc.	70.00	
12	Sal.	60.00	
13	Misc.	80.00	
14	Misc.	90.00	
15	Misc.	60.00	
16	Misc.	75.00	
17	Misc.	60.00	
18	Misc.	90.00	
19	Misc.	55.00	
20	Misc.	90.00	
21	Misc.	70.00	
22	Misc.	120.00	
23	Misc.	80.00	
24	Misc.	55.00	
25	Misc.	80.00	
26	Misc.	65.00	
27	Misc.	45.00	
28	Misc.	40.00	
29	Misc.	55.00	
30	Misc.	35.00	
31	Misc.	55.00	
32	Misc.	185.00	
33	Semal.	110.00	
34	Misc.	90.00	
35	Misc.	75.00	
36	Misc.	105.00	
37	Valua.	80.00	
38	Hatna.	110.00	
39	Misc.	170.00	
40	Misc.	80.00	
41	Misc.	135.00	
42	Misc.	95.00	
43	Misc.	80.00	
44	Misc.	120.00	
45	Misc.	65.00	
46	Misc.	90.00	
47	Misc.	90.00	
48	Misc.	100.00	
49	Misc.	60.00	
50	Misc.	100.00	
51	Misc.	65.00	
52	Misc.	120.00	
53	Misc.	120.00	
54	Misc.	110.00	
55	Misc.	120.00	
56	Misc.	150.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
57	Misc.	180.00	
58	Misc.	110.00	
59	Sal.	190.00	
60	Sal.	215.00	
61	Misc.	90.00	
62	Misc.	90.00	
63	Misc.	100.00	
64	Misc.	55.00	
65	Misc.	100.00	
66	Misc.	120.00	
67	Misc.	240.00	
68	Misc.	170.00	
69	Misc.	85.00	
70	Misc.	75.00	
71	Misc.	75.00	
72	Sal.	140.00	
73	Misc.	110.00	
74	Misc.	130.00	
75	Misc.	70.00	
76	Misc.	180.00	
77	Misc.	100.00	
78	Misc.	0.00	
79	Misc.	115.00	
80	Misc.	11.00	
81	Misc.	130.00	
82	Misc.	100.00	
83	Misc.	125.00	
84	Misc.	190.00	
85	Misc.	60.00	
86	Misc.	120.00	
87	Misc.	110.00	
88	Misc.	100.00	
89	Misc.	110.00	
90	Misc.	115.00	
91	Misc.	110.00	
92	Misc.	125.00	
93	Misc.	100.00	
94	Misc.	120.00	
95	Misc.	70.00	
96	Misc.	100.00	
97	Misc.	100.00	
98	Misc.	90.00	
99	Misc.	120.00	
100	Misc.	160.00	
101	Sal.	170.00	
102	Sal.	120.00	
103	Sal.	60.00	
104	Sal.	50.00	
105	Sal.	40.00	
106	Sal.	90.00	
107	Misc.	45.00	
108	Sal.	55.00	
109	Misc.	65.00	
110	Misc.	60.00	
111	Misc.	70.00	
112	Misc.	85.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
113	Gular.	170.00	
114	Gular.	150.00	
115	Gular.	170.00	
116	Mango.	165.00	
117	Misc.	120.00	
118	Misc.	170.00	
119	Misc.	140.00	
120	Misc.	100.00	
121	Misc.	165.00	
122	Misc.	110.00	
123	Misc.	70.00	
124	Misc.	40.00	
125	Misc.	40.00	
126	Misc.	70.00	
127	Sal.	175.00	
128	Sal.	55.00	
129	Sal.	90.00	
130	Misc.	75.00	
131	Misc.	45.00	
132	Sal.	145.00	
133	Misc.	60.00	
134	Misc.	75.00	
135	Misc.	120.00	
136	Jhunghun.	140.00	
137	Misc.	210.00	
138	Misc.	180.00	
139	Misc.	140.00	
140	Misc.	150.00	
141	Misc.	110.00	
142	Misc.	110.00	
143	Misc.	80.00	
144	Misc.	100.00	
145	Misc.	60.00	
146	Misc.	120.00	
147	Misc.	95.00	
148	Misc.	65.00	
149	Misc.	70.00	
150	Misc.	70.00	
151	Misc.	65.00	
152	Misc.	120.00	
153	Misc.	75.00	
154	Misc.	70.00	
155	Misc.	110.00	
156	Misc.	80.00	
157	Misc.	75.00	
158	Misc.	80.00	
159	Misc.	90.00	
160	Misc.	95.00	
161	Misc.	65.00	
162	Misc.	180.00	
163	Misc.	115.00	
164	Sal.	100.00	
165	Sal.	110.00	
166	Misc.	100.00	
167	Misc.	95.00	
168	Misc.	80.00	
169	Misc.	65.00	
170	Misc.	105.00	
171	Misc.	170.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
172	Misc.	100.00	
173	Misc.	70.00	
174	Misc.	110.00	
175	Misc.	65.00	
176	Misc.	90.00	
177	Misc.	75.00	
178	Misc.	75.00	
179	Misc.	80.00	
180	Misc.	50.00	
181	Misc.	85.00	
182	Misc.	40.00	
183	Misc.	85.00	
184	Misc.	85.00	
185	Misc.	210.00	
186	Misc.	60.00	
187	Misc.	60.00	
188	Misc.	60.00	
189	Misc.	80.00	
190	Misc.	150.00	
191	Misc.	65.00	
192	Misc.	75.00	
193	Misc.	80.00	
194	Misc.	60.00	
195	Misc.	85.00	
196	Misc.	90.00	
197	Misc.	90.00	
198	Misc.	150.00	
199	Misc.	90.00	
200	Misc.	95.00	
201	Misc.	65.00	
202	Misc.	100.00	
203	Misc.	90.00	
204	Misc.	260.00	
205	Misc.	70.00	
206	Misc.	50.00	
207	Misc.	100.00	
208	Misc.	50.00	
209	Misc.	50.00	
210	Misc.	70.00	
211	Misc.	70.00	
212	Misc.	90.00	
213	Misc.	110.00	
214	Misc.	160.00	
215	Misc.	85.00	
216	Misc.	90.00	
217	Misc.	40.00	
218	Misc.	100.00	
219	Misc.	75.00	
220	Misc.	55.00	
221	Misc.	70.00	
222	Misc.	70.00	
223	Sal.	110.00	
224	Misc.	90.00	
225	Misc.	100.00	
226	Sal.	55.00	
227	Misc.	70.00	
228	Misc.	65.00	
229	Misc.	65.00	
230	Misc.	55.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
231	Misc.	45.00	
232	Misc.	75.00	
233	Misc.	60.00	
234	Sal.	50.00	
235	Misc.	100.00	
236	Misc.	50.00	
237	Misc.	60.00	
238	Misc.	80.00	
239	Misc.	85.00	
240	Misc.	120.00	
241	Misc.	190.00	
242	Misc.	55.00	
243	Sal.	65.00	
244	Sal.	40.00	
245	Misc.	110.00	
246	Misc.	90.00	
247	Jamun.	135.00	
248	Misc.	90.00	
249	Misc.	50.00	
250	Misc.	50.00	
251	Misc.	65.00	
252	Misc.	75.00	
253	Misc.	70.00	
254	Misc.	80.00	
255	Misc.	55.00	
256	Misc.	85.00	
257	Misc.	100.00	
258	Misc.	60.00	
259	Misc.	50.00	
260	Misc.	90.00	
261	Misc.	85.00	
262	Misc.	55.00	
263	Misc.	65.00	
264	Sal.	90.00	
265	Sal.	155.00	
266	Misc.	65.00	
267	Misc.	75.00	
268	Misc.	115.00	
269	Misc.	75.00	
270	Misc.	50.00	
271	Misc.	50.00	
272	Misc.	50.00	
273	Sal.	60.00	
274	Misc.	50.00	
275	Misc.	65.00	
276	Misc.	45.00	
277	Misc.	40.00	
278	Misc.	50.00	
279	Misc.	65.00	
280	Misc.	100.00	
281	Misc.	90.00	
282	Misc.	75.00	
283	Misc.	65.00	
284	Misc.	55.00	
285	Misc.	65.00	
286	Misc.	85.00	
287	Mahua.	150.00	
288	Misc.	100.00	
289	Misc.	70.00	
290	Misc.	95.00	
291	Misc.	55.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
292	Misc.	110.00	
293	Misc.	150.00	
294	Misc.	130.00	
295	Misc.	145.00	
296	Misc.	50.00	
297	Misc.	60.00	
298	Misc.	60.00	
299	Misc.	90.00	
300	Misc.	85.00	
301	Misc.	65.00	
302	Misc.	80.00	
303	Misc.	80.00	
304	Misc.	80.00	
305	Misc.	65.00	
306	Misc.	120.00	
307	Misc.	65.00	
308	Sal.	100.00	
309	Misc.	50.00	
310	Misc.	65.00	
311	Misc.	50.00	
312	Sal.	90.00	
313	Misc.	55.00	
314	Velua.	55.00	
315	Misc.	105.00	
316	Misc.	70.00	
317	Misc.	55.00	
318	Misc.	80.00	
319	Misc.	90.00	
320	Misc.	55.00	
321	Misc.	60.00	
322	Misc.	80.00	
323	Misc.	40.00	
324	Misc.	40.00	
325	Misc.	65.00	
326	Misc.	55.00	
327	Misc.	40.00	
328	Misc.	35.00	
329	Misc.	40.00	
330	Misc.	60.00	
331	Sal.	70.00	
332	Sal.	220.00	
333	Jamun.	45.00	
334	Misc.	75.00	
335	Misc.	55.00	
336	Misc.	70.00	
337	Misc.	80.00	
338	Misc.	150.00	
339	Misc.	105.00	
340	Misc.	95.00	
341	Sal.	50.00	
342	Sal.	55.00	
343	Misc.	55.00	
344	Misc.	75.00	
345	Misc.	75.00	
346	Misc.	60.00	
347	Bargad.	320.00	
348	Misc.	40.00	
349	Velua.	80.00	
350	Misc.	50.00	
351	Misc.	60.00	
352	Misc.	50.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
353	Misc.	55.00	
354	Misc.	40.00	
355	Misc.	60.00	
356	Misc.	95.00	
357	Misc.	228.00	
358	Misc.	45.00	
359	Sal.	55.00	
360	Velua.	90.00	
361	Misc.	100.00	
362	Misc.	85.00	
363	Misc.	50.00	
364	Misc.	80.00	
365	Misc.	85.00	
366	Sal.	220.00	
367	Sal.	140.00	
368	Misc.	80.00	
369	Misc.	60.00	
370	Misc.	65.00	
371	Misc.	80.00	
372	Misc.	60.00	
373	Misc.	75.00	
374	Misc.	95.00	
375	Misc.	60.00	
376	Misc.	55.00	
377	Sal.	90.00	
378	Misc.	125.00	
379	Sal.	70.00	
380	Misc.	100.00	
381	Misc.	90.00	
382	Misc.	140.00	
383	Misc.	50.00	
384	Misc.	65.00	
385	Misc.	55.00	
386	Misc.	75.00	
387	Misc.	55.00	
388	Misc.	40.00	
389	Sal.	120.00	
390	Sal.	65.00	
391	Mango.	110.00	
392	Misc.	50.00	
393	Misc.	85.00	
394	Misc.	75.00	
395	Sal.	110.00	
396	Sal.	60.00	
397	Misc.	65.00	
398	Sal.	60.00	
399	Misc.	60.00	
400	Misc.	175.00	
401	Misc.	55.00	
402	Sal.	65.00	
403	Sal.	120.00	
404	Misc.	75.00	
405	Misc.	135.00	
406	Misc.	110.00	
407	Sal.	130.00	

Tree No.	Species name.	Girth (cm.)	Remarks.
1	2	3	4
408	Misc.	130.00	
409	Misc.	60.00	
410	Misc.	65.00	
411	Misc.	125.00	
412	Misc.	130.00	
413	Misc.	80.00	
414	Misc.	100.00	
415	Misc.	70.00	
416	Misc.	110.00	
417	Misc.	95.00	
418	Misc.	100.00	
419	Misc.	55.00	
420	Misc.	90.00	
421	Misc.	45.00	
422	Misc.	75.00	
423	Misc.	95.00	
424	Misc.	90.00	
425	Misc.	75.00	
426	Misc.	85.00	
427	Kadam.	240.00	
428	Kadam.	140.00	
429	Jamun.	100.00	
430	Misc.	185.00	
431	Gullar.	260.00	
432	Sal.	100.00	
433	Misc.	85.00	
434	Misc.	90.00	
435	Misc.	130.00	
436	Jamun.	50.00	
437	Misc.	80.00	
438	Misc.	75.00	
439	Misc.	140.00	

नोट:- वृक्ष की प्रजाति में अंतर पाया जा सकता है।

कनीय अभियंता,
पथ प्रशाखा,
मनोहरपुर।

सहायक अभियंता,
पथ अवर प्रमण्डल,
मनोहरपुर।

कार्यपालक अभियंता,
पथ प्रमण्डल,
मनोहरपुर।

कार्यपालक अभियंता का कार्यालय
पथ निर्माण विभाग, पथ प्रमंडल मनोहरपुर ।



Email:- eercdmanohar-jhr@nic.in

पत्रांक :- 1082

,मनोहरपुर /दिनांक :- 19.12.16

प्रेषक,

कार्यपालक अभियंता,
पथ निर्माण विभाग,
पथ प्रमंडल, मनोहरपुर

सेवा में,

वन संरक्षक -सह- कार्यकारी निदेशक,
बंजर भूमि विकास बोर्ड,
झारखण्ड, राँची।

विषय :- गुवा-सलाई पथ के कि०मी० 11.00 से कि०मी० 29.00 में वन क्षेत्र वाले पथांश का चौड़ीकरण / मजबूतीकरण / पुनर्निर्माण कार्य हेतु वन भूमि अपयोजन प्रस्ताव संख्या FP/JH/FVC/18110/2016 को Withdraw करने एवं पुनः Fresh Proposal समर्पित करने की अनुमति देने के संबंध में।

महाशय,

उपर्युक्त प्रासंगिक विषय के संबंध में कहना है कि विषयांकित पथ के लिए वन भूमि अपयोजन का प्रस्ताव दिनांक 23.02.2016 को Online Upload किया गया था तथा तदनुसार नोडल पदाधिकारी द्वारा स्वीकृत किये जाने के उपरांत 8 प्रतियों में Hard copy वन प्रमंडल पदाधिकारी सारंडा, चाईबासा के कार्यालय में समर्पित किया गया। बार - बार किस्तों में आपति लगाई गयी एवं उन सभी आपतियों का निराकरण अधोहस्ताक्षरी द्वारा किया जाता रहा। अंत में जब प्रस्ताव सरकार के स्तर पर पहुंचा तो यह प्रस्ताव के Catogary पर आपति लगाई है जिसका निराकरण Online करने का प्रयास किया गया परन्तु MoEF के Site पर अधोहस्ताक्षरी के लिए यह सुविधा उपलब्ध नहीं है जिसकी सूचना अधोहस्ताक्षरी द्वारा वन प्रमंडल पदाधिकारी, सारंडा एवं वन विभाग के उचाधिकारियों को दी गयी है।

इस विषय पर वन संरक्षक, प्रादेशिक वन अंचल, चाईबासा द्वारा दिनांक 01.12.16 को इसी पथ के पथांश कि०मी० 2.00 से कि०मी० 11.00 के अपयोजन में लगाये गए आपतियों के संबंध में बैठक बुलाई गयी जिसमें विषयांकित पथांशों के बारे में चर्चा की गयी क्योंकि इस पथांश में भी सामान प्रकृति की आपति लगायी गयी है।

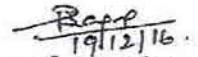
बैठक में तमाम संभावनाओं पर गहन विचारोपरांत वन संरक्षक द्वारा यह निर्णय लिया गया कि प्रस्ताव के त्वरित निष्पादन हेतु Fresh Proposal समर्पित किया जाना ही उचित होगा। इसके लिए वर्तमान प्रस्ताव को Withdraw करना होगा।

चूँकि पुराने प्रस्ताव का Hard Copy सभी प्रक्रियाओं को पूरा करते हुए सरकार स्तर पर निर्णय हेतु लंबित है सिर्फ Catogary में Online सुधार करने की आवश्यकता है जिसे प्रस्ताव वापस लेकर (Withdraw) सुधार कर संबंधित वन प्रमंडल पदाधिकारी, सारंडा को अग्रेतर कार्रवाई हेतु इसकी सूचना दे दी जाएगी।

अतः अनुरोध है कि इस अति उप्रवाद प्रभावित क्षेत्र में सुरक्षा एवं विधि व्यवस्था कायम करने हेतु सरकार की इस महत्वपूर्ण पथ निर्माण योजना को जल्द से जल्द पूरा करने के लिए वर्तमान प्रस्ताव FP/JH/FVC/18110/2016 को Withdraw करने तथा Fresh Proposal समर्पित करने हेतु अनुमति प्रदान करने की कृपा की जाय।

अनु० :- यथोक्त।

विश्वासभाजन


19/12/16

कार्यपालक अभियंता,
पथ निर्माण विभाग,
पथ प्रमंडल, मनोहरपुर।



Annexure - I

FORM - I
(for Linear projects)
GOVERNMENT OF JHARKHAND
Office of the District Collector, West Singhbhum, Chaibasa

NO :- 1087(B)

DATE :- 16.9.16

To WHOWSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forests (MoEF), Government of India Letter No. 11-9/98-FC (pt.) Dated 3rd August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (FRA for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter dated 5th February 2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that Notified RF Ghatkuri Area Mauja Gangda 1.950 and Notified PF Nuiya Area 5.720 Hactares Total - 7.670 Hactare forest land proposed to be diverted in favour of The Excutive Engineer, R.C.D Road Division, Manoharpur (name of user Agency) for Road Construction of Gua - Salai Under Kilometer Range 11.00 to 29.00 (purpose for diversion of forest land) in WEST SINGHBHUM district falls within jurisdiction of GANGDA & NUIYA villages in Noamundi Tehsil.

It is further certified that :

- (a) the complete process for identification and settlement of rights under the FRA has been carried out for the entire 7.670 Hectares of forest land area and Jungle-Jhar proposed for diversion, A copy of record of all consultation and meetings of the Forest Rights Committee(s), Gram Sabha (s), Sub-Division level Committee (s) and the District Level Committee are enclosed as annexure I to Annexure III
- (b) the diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it ;
- (c) the proposal does not invoice recognized rights of Primitive Tribal Groups and Pre-agricultural communities.

Enclossers - as above.


Deputy Commissioner
West Singhbhum, Chaibasa

(Full Name and office seal of the District Collector)

दिनांक 03.08.2016 को अनुमण्डल स्तरीय वनाधिकार समिति के संबंधित समीक्षात्मक बैठक की कार्यवाही का प्रतिवेदन।

दिनांक 03.08.2016 को अनुमण्डल स्तरीय वनाधिकार समिति की बैठक अनुमण्डल पदाधिकारी, पोड़ाहाट, चक्रधरपुर के कार्यालय कक्ष में आयोजित की गयी, जिसमें सहायक वन संरक्षक पदाधिकारी, पोड़ाहाट, वन प्रमण्डल, चाईबासा, सहायक वन संरक्षक पदाधिकारी, कोल्हान वन प्रमण्डल, चाईबासा, सहायक वन संरक्षक पदाधिकारी, सारण्डा वन प्रमण्डल, चाईबासा, अनुमण्डल स्तरीय वनाधिकार समिति के सदस्य राजस्व कर्मचारी -सह- अंचल निरीक्षक, मनोहरपुर, राजस्व कर्मचारी -सह- अंचल निरीक्षक, आनन्दपुर उपस्थित हुए। जिनकी उपस्थिति अलग पंजी में संधारित है।

बन्दगाँव प्रखंड के ग्राम डुमकाटा के 08 आवेदन, कम्पार्टमेंट नं०- 19, 21, गोईलकेरा प्रखंड के ग्राम - काएलदेल् के 08 आवेदन, कम्पार्टमेंट नं० लेदा-18, ग्राम- बरकेला के 31 आवेदन, कम्पार्टमेंट नं० बेडा-14, ग्राम- जुलिअम्बा के 21 आवेदन, कम्पार्टमेंट नं० बेरा 39, ग्राम- कोरबोल के 11 आवेदन, कम्पार्टमेंट नं० बेरा 37, ग्राम- मोहनसाई के 24 आवेदन, कम्पार्टमेंट नं० 8 पी०एफ० मोहनसाई कुल 68 आवेदन पत्र, गुदडी प्रखंड के ग्राम - होजोरदीरी के 10 आवेदन, कम्पार्टमेंट नं० 8, ग्राम- टुटीसेल के 14 आवेदन, कम्पार्टमेंट नं० - बेरा 9 कुल 24 आवेदन पत्र, सोनुआ प्रखंड के ग्राम - बन्दाकोचा के 32 आवेदन, कम्पार्टमेंट नं० 32 कुल 32 आवेदन पत्र एवं मनोहरपुर प्रखंड के ग्राम - महलडीहा के 106 आवेदन पत्र, कम्पार्टमेंट नं०- सी०एन०पी०एफ० गनमोर, ग्राम - तुमसाई के 124 आवेदन पत्र, कम्पार्टमेंट नं० सी०एन०पी०एफ० गनमोर कुल 230 कुल 396 वनग्राम दावापट्टा हेतु प्राप्त आवेदन पर विचार विमर्श किया गया। 396 वनग्राम आवेदनों को वन विभाग के सत्यापन एवं अनापति के पश्चात् अनुमण्डल स्तरीय वनाधिकार समिति द्वारा स्वीकृति के पश्चात् निर्णय लिया गया कि इन आवेदनों को जिला स्तरीय वनाधिकार समिति को अग्रसारित किया गया।

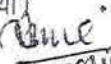
अंचल अधिकारी, आनन्दपुर एवं चक्रधरपुर से वनाधिकार दावापत्र शुन्य प्राप्त होने कारण स्पष्टीकरण पूछा गया।

जिला कल्याण पदाधिकारी, प० सिंहभूम, चाईबासा के पत्रांक 868(बी०) दिनांक 27.07.2016 एवं कार्यपालक अभियंता, पथ निर्माण विभाग, पथ प्रमण्डल, मनोहरपुर के पत्रांक 602 दिनांक 20.07.2016 द्वारा गुवा सलाई पथाश पर 11 से 29 किलोमीटर के बीच पड़ने वाले कुल प्रस्तावित 7.670 हेक्टेयर भूमि भी अनुमण्डल स्तरीय वनाधिकार समिति द्वारा पारित की गई है।

बैठक में उपस्थित सभी पदाधिकारियों/कर्मचारियों को वन दावापत्र सृजन करने में और तेजी लाने का निर्देश दिया गया।

सधन्यवाद बैठक की कार्यवाही समाप्त की गयी।


सहायक वन संरक्षक
पदाधिकारी, सारण्डा वन
प्रमण्डल, चाईबासा


सहायक वन संरक्षक
पदाधिकारी, कोल्हान वन
प्रमण्डल, चाईबासा


सहायक वन संरक्षक
पदाधिकारी, पोड़ाहाट
वन प्रमण्डल, चाईबासा

ज्ञापक 667 दिनांक 03/08/16

प्रतिलिपि- जिला कल्याण पदाधिकारी, पश्चिमी सिंहभूम, चाईबासा को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

प्रतिलिपि- वन प्रमण्डल पदाधिकारी/सहायक वन संरक्षक पदाधिकारी, पोड़ाहाट वन प्रमण्डल चाईबासा/चक्रधरपुर को सूचनार्थ प्रेषित।

प्रतिलिपि- सभी अंचल अधिकारी, चक्रधरपुर अनुमण्डल क्षेत्र को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

अनुमण्डल पदाधिकारी
पोड़ाहाट चक्रधरपुर।

अनुमण्डल पदाधिकारी
पोड़ाहाट चक्रधरपुर।

दिनांक 08.08.2016 को जिला दण्डाधिकारी-सह-उपायुक्त, पश्चिमी सिंहभूम, चाईबासा की अध्यक्षता में हुई जिला स्तरीय वन अधिकार समिति की बैठक की कार्यवाही।

दिनांक 08.08.2016 को जिला दण्डाधिकारी-सह-उपायुक्त, प० सिंहभूम, चाईबासा की अध्यक्षता में जिला स्तरीय वन अधिकार समिति की बैठक हुई, जिसमें निम्नांकित सदस्य उपस्थित हुए :-

- | | |
|--|------------------|
| 1. जिला दण्डाधिकारी-सह-उपायुक्त, प० सिंहभूम, चाईबासा | - अध्यक्ष |
| 2. परियोजना निदेशक, ITDA | - सदस्य |
| 3. वन प्रमण्डल पदाधिकारी, चाईबासा वन प्रमण्डल | - सदस्य |
| 4. वन प्रमण्डल पदाधिकारी, पोड़ाहाट वन प्रमण्डल | - सदस्य |
| 5. वन प्रमण्डल पदाधिकारी, कोल्हान वन प्रमण्डल | - सदस्य |
| 6. वन प्रमण्डल पदाधिकारी, सारण्डा वन प्रमण्डल | - सदस्य |
| 7. अनुमण्डल पदाधिकारी, सदर चाईबासा | - आमंत्रित सदस्य |
| 8. अनुमण्डल पदाधिकारी, पोड़ाहाट चक्रधरपुर | - आमंत्रित सदस्य |
| 9. अनुमण्डल पदाधिकारी, जगन्नाथपुर | - आमंत्रित सदस्य |
| 10. श्री जुलियस दास, गैर सरकारी सदस्य | - सदस्य |
| 11. श्रीमती नन्दी मेलगान्डी, गैर सरकारी सदस्य | - सदस्य |
| 12. जिला कल्याण पदाधिकारी, प० सिंहभूम, चाईबासा | - सदस्य सचिव |

सर्व प्रथम उपायुक्त-सह-अध्यक्ष के द्वारा सभी सदस्यों का स्वागत किया गया, तत्पश्चात् अंचलवार जितने दावा व्यक्तिगत एवं सामुदायिक प्राप्त हैं, सभी को समिति के समक्ष रखने हेतु जिला कल्याण पदाधिकारी को निदेश दिया गया।

इस संबंध में जिला कल्याण पदाधिकारी द्वारा बतलाया गया कि नये दावों का सृजन कर अनुमण्डल स्तरीय वन अधिकार समिति से पारित कर जिला स्तरीय वन अधिकार समिति के समक्ष स्वीकृति हेतु निम्न प्रकार उपस्थापित किया गया है :-



(15)

क्र०	अनुमण्डल का नाम	अंचल का नाम	ग्राम का नाम	कुल व्यक्तिगत दावों की सं०	कुल सामुदायिक दावों की सं०	कुल दावा	अभ्युक्ति
1	2	3	4	5	6	7	8
1	जगन्नाथपुर	नोवामुण्डी	उदाजो	13	0	13	
			जामजुई	50	0	50	
			डुमरजोवा	48	0	48	
			जोजोकबीर	30	0	30	
			लतारकुन्दरीझोर	45	0	45	
		कुमारडुंगी	टियापोसी	83	0	83	
		जगन्नाथपुर	पुरतीदिधिया	56	0	56	
		मझगांव	आसनपाठ	3	1	4	
			कुल:-	328	1	329	
2	पोड़ाहाट चक्रधरपुर	बन्दगांव	डुमकाटा	8	0	8	
		गोईलकेरा	कातुएदेल	8	0	8	
			बरकेला	31	1	32	
			जुलिअम्बा	21	1	22	
			पोटोसूद	5	0	5	
			कोरबोल	11	0	11	
			मोहनसाई	23	1	24	
		गुदड़ी	होजोरदीरी	10	0	10	
			टुंटीसेल	14	0	14	
		सोनुवां	बन्दाकोचा	32	0	32	
		मनोहरपुर	महुलडीहा	106	0	106	
			तुमसाई	124	0	124	
			कुल योग:-	393	3	396	
3	सदर चाईबासा	हाटगम्हरिया	नोगड़ा	78	0	78	
		झींकपानी	नवागाँव	16	10	26	
		खुंटपानी	लोहरदा	22	0	22	
		तांतनगर	काण्डेगुटू	0	1	1	
			बानाहमटु	0	1	1	
		मंझारी	लम्झारी	0	1	1	
			बड़ा तोरलो	0	1	1	
		टोन्टो	कैजरा	116	4	120	
			कुल योग:-	232	18	250	
			सकल योग:-	953	22	975	

प्रस्ताव संख्या - 01 सर्वप्रथम प्राप्त दावा पत्र को समिति द्वारा निर्णय लिया गया कि कम से कम ग्रामवार प्राप्त दावा पत्रों की दस प्रतिशत की जांच कर ली जाय। तदोपरान्त समिति द्वारा ग्रामवार प्राप्त दावा की

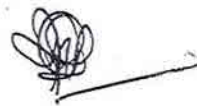
जांच की गई। जांच के क्रम में सदर अनुमण्डल अन्तर्गत कुल 232 व्यक्तिगत दावों एवं 18 सामुदायिक दावों में से झींकपानी अंचल के ग्राम नवागांव के 16 व्यक्तिगत दावा, खुंटपानी अंचल के ग्राम लोहरदा के 22 व्यक्तिगत दावा, एवं हाटगम्हरिया अंचल के ग्राम नोंगड़ा से प्राप्त 76 दावा एवं 18 सामुदायिक दावा अभिलेखों की सर्वसम्मति से स्वीकृति प्रदान की गई। तथा हाटगम्हरिया अंचल के ग्राम नोंगड़ा का 02 आवेदन एक ही परिवार का होने के कारण समिति द्वारा अस्वीकृत करने का निर्णय लिया गया।

प्रस्ताव संख्या - 02 पोड़ाहाट चक्रधरपुर अनुमण्डल अन्तर्गत 293 व्यक्तिगत एवं 03 सामुदायिक दावों में प्राप्त अभिलेखों का समिति द्वारा प्रखण्ड/ग्रामवार बारी-बारी से जांच की गई। जांच के क्रम में बन्दगांव अंचल के ग्राम दुमकाटा के 08 व्यक्तिगत दावा, गोइलकैरा प्रखण्ड के ग्राम बरकैला का 31 व्यक्तिगत दावा पत्र, ग्राम पोटीसूद के 05 व्यक्तिगत दावा पत्र, ग्राम मोहनसाई के 23 व्यक्तिगत दावा पत्र कातुएदेल का 08 व्यक्तिगत दावा, ग्राम जुलिअम्बा का 21 व्यक्तिगत दावा तथा ग्राम कोरबोल का 11 व्यक्तिगत दावा पत्र गुदड़ी अंचल के ग्राम होजोरंदीरी के 10 व्यक्तिगत दावा पत्र एवं ग्राम टुटीसेल के 14 व्यक्तिगत दावा पत्र, अंचल सोनुवां के ग्राम बान्दाकोचा के 32 व्यक्तिगत दावा पत्र, मनोहरपुर अंचल के ग्राम तुमसाई के 124 व्यक्तिगत दावों की सर्वसम्मति से स्वीकृति प्रदान की गई। मनोहरपुर अंचल के ग्राम महलडीहा के 106 व्यक्तिगत दावा पत्रों को पुनः जांच करने हेतु ग्रामसभा को वापस करने का निर्णय लिया गया।

प्रस्ताव संख्या - 03 अनुमण्डल पोड़ाहाट चक्रधरपुर से प्राप्त 03 सामुदायिक दावा पत्र के अभिलेखों को समिति द्वारा सर्वसम्मति से स्वीकृति प्रदान की गई।

प्रस्ताव संख्या - 04 जगन्नाथपुर अनुमण्डल से 328 व्यक्तिगत दावा तथा 01 सामुदायिक प्राप्त दावा को समिति द्वारा जांच किया गया जांचोपरान्त नोवामुण्डी अंचल के ग्राम उदाजों के 13 व्यक्तिगत दावा, ग्राम जामजुई के 56 व्यक्तिगत दावा, नोवामुण्डी अंचल के ग्राम डुमरजोवा का 48 व्यक्तिगत दावा, ग्राम जोजोकवीर के 30 व्यक्तिगत दावा, ग्राम लतारकुन्दरीझोर का 45 व्यक्तिगत दावा, ग्राम जामजुई के 50 व्यक्तिगत दावा एवं मझगांव अंचल के ग्राम आसनपाठ के 03 व्यक्तिगत दावा को सर्वसम्मति से समिति द्वारा स्वीकृति प्रदान की गई।

कुमारडुंगी अंचल के ग्राम टियापोसी के 83 व्यक्तिगत दावा पत्रों में त्रुटि रहने के कारण यथा ग्रामसभा की पंजी, दो बुजुर्गों का ब्यान, जाति प्रमाणपत्र, नजरी नक्शा में जमीन का विवरण नहीं रहने के कारण सर्वसम्मति से अनुमण्डल पदाधिकारी, जगन्नाथपुर को आपत्ति का निराकरण हेतु वापस करने का निर्णय लिया गया।



(13)

प्रस्ताव संख्या - 05 अनुमण्डल, जगन्नाथपुर से प्राप्त 01 सामुदायिक दावा पत्र के अभिलेख को सर्वसम्मति से स्वीकृति प्रदान किया गया।

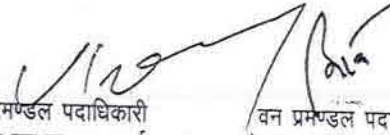
प्रस्ताव संख्या - 06 उपायुक्त-सह-अध्यक्ष महोदय द्वारा कुमारडुंगी अंचल के ग्राम टियापोसी के 83 व्यक्तिगत दावा पत्र ग्रामसभा से विधिवत् संधारित नहीं होने के कारण सर्वसम्मति से अंचलाधिकारी/वन क्षेत्र पदाधिकारी से पुनः जांच कराने का निर्णय लिया गया।

प्रस्ताव संख्या - 07 अनुमण्डल पदाधिकारी, पोड़ाहाट चक्रधरपुर के ज्ञापांक 662, दिनांक 03.08.16 द्वारा वन (संरक्षण) अधिनियम 1980 के प्रावधानों के अन्तर्गत वनभूमि अपयोजन के मामलों में अनुसूचित जनजाति एवं अन्य परम्परागत वन निवासी (वन अधिकारों की मान्यता) अधिनियम 2006 के अनुपालन सुनिश्चित कराने के उद्देश्य से जार्यावरण एवं वन मंत्रालय, भारत सरकार, नई दिल्ली के पत्रांक एम0एन0 11/9/1998 -FC (PT) दिनांक 03.08.09 द्वारा दिया गया दिशा निदेश के अनुपालन में मौजा गुवा-सलाई पथांश पर 11 से 29 किलोमीटर के बीच पड़ने वाले कुल प्रस्तावित 7.670 हेक्टेयर वनभूमि को अपयोजन हेतु अनापत्ति प्रमाणपत्र निर्गत करने के निमित्त ग्रामसभा कर ग्रामसभा की कार्यवाही अनुमण्डल स्तरीय वनाधिकार समिति से पारित कर जिला स्तरीय वनाधिकार समिति के समक्ष स्वीकृति एवं अनापत्ति प्रमाणपत्र निर्गत के निमित्त प्राप्त है। समिति द्वारा सर्वसम्मति से अनुमण्डल स्तरीय वनाधिकार समिति से अनुशंसित गुवा-सलाई पथांश पर 11 से 29 किलोमीटर के बीच पड़ने वाले कुल प्रस्तावित 7.670 हेक्टेयर वनभूमि को अपयोजन हेतु अनापत्ति प्रमाणपत्र निर्गत करने के निमित्त निर्णय लिया गया, साथ ही जिला कल्याण पदाधिकारी को निदेश दिया गया कि जिला स्तरीय वनाधिकार समिति से स्वीकृत सभी दावों को अविलम्ब तैयार कर अंचलाधिकारी को हस्तगत कराना सुनिश्चित किया जाय, एवं गुवा-सलाई पथांश पर 11 से 29 किलोमीटर के बीच पड़ने वाले कुल प्रस्तावित 7.670 हेक्टेयर वनभूमि को अपयोजन हेतु विहित प्रपत्र में अनापत्ति प्रमाणपत्र तैयार कर निर्गत करने हेतु अग्रसर कार्यवाई सुनिश्चित करेंगे।

अन्त में स-धन्यवाद बैठक की कार्यवाही समाप्त की गयी।


वन प्रमण्डल पदाधिकारी
सारण्डा वन प्रमण्डल, चाईबासा।

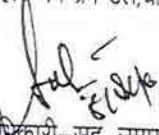
वन प्रमण्डल पदाधिकारी
चाईबासा वन प्रमण्डल, चाईबासा।


वन प्रमण्डल पदाधिकारी
कोल्हान वन प्रमण्डल, चाईबासा।

वन प्रमण्डल पदाधिकारी
पोड़ाहाट वन प्रमण्डल, चाईबासा।


जिला कल्याण पदाधिकारी,
पश्चिमी सिंहभूम, चाईबासा।


परियोजना निदेशक
ITDA, प0 सिंहभूम, चाईबासा

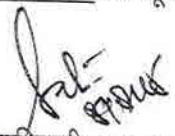

जिला दण्डाधिकारी-सह-उपायुक्त,
जिला स्तरीय वनाधिकार समिति
पश्चिमी सिंहभूम, चाईबासा।

(12)

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ज्ञापांक 40(A)/ क. चाईबासा, दिनांक :- 08.08.2014

प्रतिलिपि- सरकार के मुख्य सचिव, झारखण्ड, राँची की सेवा में सूचनार्थ प्रेषित।
प्रतिलिपि- सरकार के प्रधान सचिव, गृह विभाग, झारखण्ड राँची की सेवा में सूचनार्थ प्रेषित।
प्रतिलिपि- सरकार के सचिव, कल्याण विभाग, झारखण्ड राँची की सेवा में सूचनार्थ प्रेषित।
प्रतिलिपि- सरकार के सचिव, वन एवं पर्यावरण विभाग, झारखण्ड राँची की सेवा में सूचनार्थ प्रेषित।
प्रतिलिपि- आयुक्त, सिंहभूम (कोल्हान) प्रमण्डल, चाईबासा की सेवा में सूचनार्थ प्रेषित।
प्रतिलिपि- आदिवासी कल्याण आयुक्त, झारखण्ड, राँची की सेवा में सूचनार्थ प्रेषित।
प्रतिलिपि- सभी सम्बन्धित सदस्य को सूचनार्थ प्रेषित।


जिला दण्डाधिकारी-सह-उपायुक्त,
जिला स्तरीय वन अधिकार समिति,
पश्चिमी सिंहभूम, चाईबासा।

(GUA-SALAI ROAD (KM 11 TO 29))

- A.2.VIII- The present Gua-Salai road from km 11.00 to 29.00 is made before 1980. There is no previous proposals at all in the past for land diversion.

(GUA-SALAI ROAD (KM 11 TO 29))

- A.3.XVIII- Authorisation letter issued by name for the user will be attached in future for the road diversion proposals.

(GUA-SALAI ROAD (KM 11 TO 29))

- B.2.4- Temporary diversion is not required as all the civil structures are being made on existing alignments. The diversion of land sought for road is 25M in width. This width is sufficient for temporary diversion for passing of vehicles.

Gua-Salai Road (Phase 2) 9km to 26.900km									
				FORWARD		BEARING	BACKWARD		BEARING
SL.NO	Easting	Northing	Chainage	D	M	S	D	M	S
1	335139.58	2464061.49	9000.00						
2	335142.13	2464074.23	9013.00	358	54	59.598	191	20	34.039
3	335141.91	2464086.24	9025.00	358	55	13.59	178	54	59.598
4	335141.74	2464094.94	9033.71	2	31	44.249	178	55	13.59
5	335142.46	2464111.22	9050.00	2	31	33.606	182	31	44.249
6	335142.78	2464118.52	9057.31	4	54	19.299	182	31	33.606
7	335144.30	2464136.15	9075.00	4	54	31.915	184	54	19.299
8	335144.75	2464141.47	9080.34	344	4	41.605	184	54	31.915
9	335139.36	2464160.37	9100.00	344	4	8.593	164	4	41.605
10	335138.76	2464162.47	9102.18	297	50	33.907	164	4	8.593
11	335133.16	2464165.43	9108.52	0	0	0	117	50	33.907
12	335133.16	2464165.43	9108.52	249	26	35.093	0	0	0
13	335125.97	2464162.73	9116.19	232	0	53.59	69	26	35.093
14	335119.03	2464157.31	9125.00	231	58	29.746	52	0	53.59
15	335118.82	2464157.15	9125.27	194	58	7.461	51	58	29.746
16	335115.80	2464145.87	9136.94	193	32	18.18	14	58	7.461
17	335112.75	2464133.17	9150.00	193	32	31.223	13	32	18.18
18	335111.61	2464128.45	9154.86	180	20	59.757	13	32	31.223
19	335111.48	2464108.31	9175.00	180	20	56.402	0	20	59.757
20	335111.34	2464084.99	9198.32	182	23	4.295	0	20	56.402
21	335111.27	2464083.31	9200.00	182	23	44.088	2	23	4.295
22	335110.23	2464058.33	9225.00	182	23	3.817	2	23	44.088
23	335110.16	2464056.80	9226.54	193	30	17.809	2	23	3.817
24	335104.68	2464033.98	9250.00	193	30	34.113	13	30	17.809
25	335103.40	2464028.62	9255.51	189	35	27.778	13	30	34.113
26	335100.15	2464009.43	9274.98	184	45	49.11	9	35	27.778
27	335100.15	2464009.42	9275.00	185	40	46.459	4	45	49.11
28	335098.02	2463988.02	9296.49	179	58	5.821	5	40	46.459
29	335098.03	2463984.41	9300.00	179	57	50.396	359	58	5.821
30	335098.03	2463971.68	9312.84	191	2	54.583	359	57	50.396
31	335095.70	2463959.74	9325.00	190	57	43.514	11	2	54.583
32	335095.66	2463959.52	9325.23	183	15	3.266	10	57	43.514
33	335094.74	2463943.27	9341.50	233	37	25.13	3	15	3.266
34	335087.90	2463938.23	9350.00	233	36	51.133	53	37	25.13
35	335086.54	2463937.23	9351.68	303	47	0.983	53	36	51.133
36	335078.07	2463942.90	9361.87	339	7	50.807	123	47	0.983
37	335073.39	2463955.16	9375.00	339	7	56.716	159	7	50.807
38	335065.78	2463975.14	9396.38	344	13	49.766	159	7	56.716
39	335064.80	2463978.62	9400.00	344	13	15.194	164	13	49.766
40	335061.62	2463989.87	9411.69	336	36	18.99	164	13	15.194
41	335056.33	2464002.09	9425.00	336	36	27.446	156	36	18.99
42	335051.60	2464013.03	9436.92	341	4	4.004	156	36	27.446
43	335047.36	2464025.40	9450.00	341	3	16.151	161	4	4.004
44	335046.83	2464026.95	9451.63	343	38	2.626	161	3	16.151
45	335042.97	2464040.09	9465.33	350	42	32.893	163	38	2.626
46	335041.40	2464049.63	9475.00	350	42	39.258	170	42	32.893
47	335038.33	2464068.41	9494.03	355	19	46.658	170	42	39.258
48	335037.85	2464074.36	9500.00	355	20	3.64	175	19	46.658
49	335036.19	2464094.64	9520.35	1	50	5.665	175	20	3.64
50	335036.34	2464099.29	9525.00	1	50	10.836	181	50	5.665
51	335036.67	2464109.62	9535.33	356	47	44.48	181	50	10.836

52	335035.85	2464124.26	9550.00	356	47	39.952	176	47	44.48
53	335035.13	2464137.21	9562.97	356	0	54.003	176	47	39.952
54	335034.35	2464148.42	9574.20	354	53	24.592	176	0	54.003
55	335034.27	2464149.21	9575.00	354	51	58.198	174	53	24.592
56	335033.08	2464162.52	9588.36	1	51	36.512	174	51	58.198
57	335033.46	2464174.15	9600.00	1	51	24.013	181	51	36.512
58	335033.68	2464180.88	9606.73	4	17	49.095	181	51	24.013
59	335035.04	2464199.10	9625.00	4	16	50.965	184	17	49.095
60	335035.11	2464199.95	9625.86	28	21	31.137	184	16	50.965
61	335041.60	2464211.99	9639.53	33	12	20.955	208	21	31.137
62	335047.34	2464220.75	9650.00	33	12	17.802	213	12	20.955
63	335057.62	2464236.45	9668.77	33	0	23.47	213	12	17.802
64	335061.01	2464241.68	9675.00	33	0	3.818	213	0	23.47
65	335065.77	2464249.01	9683.74	32	48	9.214	213	0	3.818
66	335074.58	2464262.67	9700.00	32	48	40.92	212	48	9.214
67	335076.10	2464265.03	9702.80	41	10	3.34	212	48	40.92
68	335088.29	2464278.97	9721.33	43	27	19.507	221	10	3.34
69	335090.82	2464281.64	9725.00	43	27	4.176	223	27	19.507
70	335097.44	2464288.63	9734.63	12	37	12.241	223	27	4.176
71	335100.13	2464300.66	9746.95	334	22	6.557	192	37	12.241
72	335098.81	2464303.40	9750.00	334	21	29.751	154	22	6.557
73	335096.36	2464308.51	9755.66	301	19	8.754	154	21	29.751
74	335087.08	2464314.16	9766.53	296	2	8.413	121	19	8.754
75	335079.47	2464317.88	9775.00	296	1	15.63	116	2	8.413
76	335076.21	2464319.47	9778.63	0	0	0	116	1	15.63
77	335076.21	2464319.47	9778.63	285	9	54.384	0	0	0
78	335064.62	2464322.61	9790.63	288	42	13.338	105	9	54.384
79	335055.75	2464325.61	9800.00	288	42	12.538	108	42	13.338
80	335055.05	2464325.85	9800.74	312	27	18.217	108	42	12.538
81	335045.25	2464334.81	9814.02	331	26	10.323	132	27	18.217
82	335040.00	2464344.45	9825.00	331	26	28.28	151	26	10.323
83	335036.61	2464350.68	9832.08	336	54	44.818	151	26	28.28
84	335030.02	2464366.13	9848.89	353	46	3.601	156	54	44.818
85	335029.90	2464367.24	9850.00	353	46	52.986	173	46	3.601
86	335028.04	2464384.37	9867.23	353	21	34.141	173	46	52.986
87	335027.14	2464392.09	9875.00	353	21	11.49	173	21	34.141
88	335026.30	2464399.26	9882.22	344	40	59.84	173	21	11.49
89	335023.18	2464410.67	9894.05	349	20	58.439	164	40	59.84
90	335022.08	2464416.52	9900.00	349	20	41.273	169	20	58.439
91	335020.89	2464422.84	9906.44	344	18	28.841	169	20	41.273
92	335019.29	2464428.52	9912.34	341	8	45.357	164	18	28.841
93	335016.47	2464436.79	9921.07	329	3	49.456	161	8	45.357
94	335014.45	2464440.16	9925.00	329	4	0.938	149	3	49.456
95	335012.31	2464443.73	9929.16	311	48	36.621	149	4	0.938
96	335007.45	2464448.07	9935.68	281	36	29.331	131	48	36.621
97	335003.39	2464448.91	9939.83	214	11	5.984	101	36	29.331
98	335000.27	2464444.31	9945.38	195	49	58.516	34	11	5.984
99	334999.01	2464439.87	9950.00	195	49	16.188	15	49	58.516
100	334997.61	2464434.93	9955.13	178	13	13.237	15	49	16.188
101	334997.88	2464426.21	9963.86	181	27	12.962	358	13	13.237
102	334997.63	2464416.36	9973.71	182	45	44.364	1	27	12.962
103	334997.57	2464415.07	9975.00	182	46	19.473	2	45	44.364
104	334997.21	2464407.64	9982.44	180	35	14.602	2	46	19.473
105	334997.08	2464395.35	9994.73	174	29	50.144	0	35	14.602

106	334997.59	2464390.11	10000.00	174	30	24.679	354	29	50.144
107	334997.84	2464387.45	10002.67	175	44	40.644	354	30	24.679
108	334998.66	2464376.44	10013.71	169	49	13.954	355	44	40.644
109	335000.54	2464365.98	10024.34	171	23	31.695	349	49	13.954
110	335000.64	2464365.33	10025.00	171	23	4.546	351	23	31.695
111	335001.69	2464358.38	10032.03	172	51	0.706	351	23	4.546
112	335003.05	2464347.57	10042.92	178	35	57.357	352	51	0.706
113	335003.22	2464340.49	10050.00	178	36	19.94	358	35	57.357
114	335003.40	2464333.30	10057.19	190	44	41.48	358	36	19.94
115	335001.33	2464322.42	10068.27	211	4	22.408	10	44	41.48
116	334998.17	2464317.18	10074.39	248	33	53.095	31	4	22.408
117	334997.60	2464316.95	10075.00	248	34	57.476	68	33	53.095
118	334992.29	2464314.87	10080.71	294	25	38.194	68	34	57.476
119	334985.04	2464318.16	10088.67	313	14	10.971	114	25	38.194
120	334980.24	2464322.68	10095.26	317	40	39.008	133	14	10.971
121	334977.05	2464326.18	10100.00	317	39	58.827	137	40	39.008
122	334974.58	2464328.89	10103.66	319	43	38.362	137	39	58.827
123	334966.32	2464338.64	10116.45	340	29	35.083	139	43	38.362
124	334963.46	2464346.70	10125.00	340	30	39.278	160	29	35.083
125	334963.18	2464347.50	10125.84	338	33	59.15	160	30	39.278
126	334959.69	2464356.38	10135.39	349	25	51.054	158	33	59.15
127	334957.46	2464368.37	10147.58	347	16	51.122	169	25	51.054
128	334956.92	2464370.73	10150.00	347	16	27.084	167	16	51.122
129	334954.19	2464382.82	10162.40	346	18	28.074	167	16	27.084
130	334951.21	2464395.07	10175.00	346	18	52.453	166	18	28.074
131	334950.48	2464398.07	10178.09	339	40	29.534	166	18	52.453
132	334944.23	2464414.93	10196.07	344	51	16.98	159	40	29.534
133	334943.21	2464418.72	10200.00	344	51	5.524	164	51	16.98
134	334938.05	2464437.78	10219.74	344	46	55.772	164	51	5.524
135	334936.67	2464442.85	10225.00	344	47	8.886	164	46	55.772
136	334935.25	2464448.07	10230.40	358	54	10.902	164	47	8.886
137	334935.00	2464460.86	10243.20	17	53	0.071	178	54	10.902
138	334937.09	2464467.33	10250.00	17	52	42.1	197	53	0.071
139	334938.70	2464472.32	10255.24	8	19	44.563	197	52	42.1
140	334940.12	2464481.99	10265.02	26	38	59.091	188	19	44.563
141	334944.60	2464490.92	10275.00	26	38	53.988	206	38	59.091
142	334945.15	2464492.02	10276.23	47	28	49.415	206	38	53.988
143	334953.36	2464499.55	10287.37	63	46	23.857	227	28	49.415
144	334960.77	2464503.19	10295.63	55	9	53.104	243	46	23.857
145	334964.35	2464505.69	10300.00	55	9	57.427	235	9	53.104
146	334970.50	2464509.97	10307.49	52	50	59.272	235	9	57.427
147	334978.97	2464516.39	10318.12	40	45	30.196	232	50	59.272
148	334983.47	2464521.60	10325.00	40	45	53.146	220	45	30.196
149	334990.22	2464529.43	10335.34	37	44	12.609	220	45	53.146
150	334999.19	2464541.03	10350.00	37	45	22.77	217	44	12.609
151	334999.94	2464542.00	10351.23	36	47	25.979	217	45	22.77
152	335008.42	2464553.33	10365.38	36	26	36.275	216	47	25.979
153	335014.13	2464561.07	10375.00	36	27	3.504	216	26	36.275
154	335020.32	2464569.45	10385.42	25	3	56.047	216	27	3.504
155	335026.50	2464582.66	10400.00	25	4	35.285	205	3	56.047
156	335027.48	2464584.76	10402.32	9	55	25.748	205	4	35.285
157	335031.39	2464607.10	10425.00	9	55	35.338	189	55	25.748
158	335032.42	2464612.96	10430.95	357	28	12.778	189	55	35.338
159	335031.58	2464631.99	10450.00	357	28	20.839	177	28	12.778

160	335031.34	2464637.29	10455.31	358	37	3.313	177	28	20.839
161	335031.06	2464649.02	10467.04	10	21	6.562	178	37	3.313
162	335032.49	2464656.85	10475.00	10	20	27.085	190	21	6.562
163	335033.05	2464659.93	10478.13	32	51	4.193	190	20	27.085
164	335037.71	2464667.14	10486.71	41	31	36.88	212	51	4.193
165	335044.90	2464675.26	10497.56	48	37	59.568	221	31	36.88
166	335046.73	2464676.88	10500.00	48	37	45.695	228	37	59.568
167	335051.02	2464680.66	10505.72	39	21	29.962	228	37	45.695
168	335057.18	2464688.16	10515.43	47	33	58.629	219	21	29.962
169	335063.21	2464693.67	10523.59	43	33	33.347	227	33	58.629
170	335064.18	2464694.69	10525.00	43	33	25.511	223	33	33.347
171	335068.05	2464698.76	10530.62	13	24	32.477	223	33	25.511
172	335069.98	2464706.89	10538.97	350	45	30.523	193	24	32.477
173	335069.34	2464710.84	10542.98	311	29	5.053	170	45	30.523
174	335066.70	2464713.17	10546.50	294	30	7.752	131	29	5.053
175	335063.52	2464714.63	10550.00	294	25	49.208	114	30	7.752
176	335063.20	2464714.77	10550.35	0	0	0	114	25	49.208
177	335063.20	2464714.77	10550.35	282	29	10.773	0	0	0
178	335058.20	2464715.88	10555.47	287	59	24.568	102	29	10.773
179	335052.00	2464717.89	10561.99	0	0	0	107	59	24.568
180	335052.00	2464717.89	10561.99	265	30	21.993	0	0	0
181	335044.54	2464717.31	10569.47	0	0	0	85	30	21.993
182	335044.54	2464717.31	10569.47	279	13	14.489	0	0	0
183	335039.08	2464718.19	10575.00	0	0	0	99	13	14.489
184	335039.08	2464718.19	10575.00	279	13	22.963	0	0	0
185	335037.45	2464718.46	10576.65	0	0	0	99	13	22.963
186	335037.45	2464718.46	10576.65	276	39	30.51	0	0	0
187	335030.00	2464719.33	10584.15	0	0	0	96	39	30.51
188	335030.00	2464719.33	10584.15	277	8	16.867	0	0	0
189	335023.50	2464720.14	10590.71	0	0	0	97	8	16.867
190	335023.50	2464720.14	10590.71	282	48	50.507	0	0	0
191	335019.44	2464721.06	10594.87	283	8	3.785	102	48	50.507
192	335014.44	2464722.23	10600.00	0	0	0	103	8	3.785
193	335014.44	2464722.23	10600.00	283	7	52.645	0	0	0
194	335006.49	2464724.09	10608.17	0	0	0	103	7	52.645
195	335006.49	2464724.09	10608.17	276	11	3.899	0	0	0
196	334999.50	2464724.84	10615.20	270	24	53.884	96	11	3.899
197	334989.70	2464724.91	10625.00	270	25	5.556	90	24	53.884
198	334989.56	2464724.92	10625.14	292	45	7.643	90	25	5.556
199	334982.71	2464727.79	10632.57	0	0	0	112	45	7.643
200	334982.71	2464727.79	10632.57	288	4	6.443	0	0	0
201	334974.67	2464730.41	10641.02	0	0	0	108	4	6.443
202	334974.67	2464730.41	10641.02	288	4	30.256	0	0	0
203	334967.73	2464732.68	10648.32	304	4	7.957	108	4	30.256
204	334966.34	2464733.62	10650.00	304	4	25.136	124	4	7.957
205	334958.52	2464738.91	10659.45	312	46	20.338	124	4	25.136
206	334951.00	2464745.86	10669.69	308	38	58.928	132	46	20.338
207	334946.85	2464749.18	10675.00	308	39	49.634	128	38	58.928
208	334945.09	2464750.59	10677.25	317	34	6.064	128	39	49.634
209	334937.62	2464758.76	10688.33	319	0	50.217	137	34	6.064
210	334931.46	2464765.85	10697.71	326	21	55.674	139	0	50.217
211	334930.20	2464767.75	10700.00	326	21	39.629	146	21	55.674
212	334923.82	2464777.34	10711.51	334	37	54.485	146	21	39.629
213	334918.04	2464789.52	10725.00	334	37	55.332	154	37	54.485

214	334913.59	2464798.91	10735.38	347	49	58.045	154	37	55.332
215	334910.87	2464811.54	10748.31	7	56	36.499	167	49	58.045
216	334911.10	2464813.22	10750.00	7	57	46.235	187	56	36.499
217	334912.31	2464821.85	10758.72	11	35	43.056	187	57	46.235
218	334913.98	2464829.99	10767.03	17	1	32.07	191	35	43.056
219	334916.31	2464837.61	10775.00	17	0	45.168	197	1	32.07
220	334916.68	2464838.82	10776.26	15	18	27.71	197	0	45.168
221	334919.84	2464850.34	10788.21	25	7	5.525	195	18	27.71
222	334924.13	2464859.50	10798.32	8	56	45.623	205	7	5.525
223	334924.39	2464861.16	10800.00	8	55	43.597	188	56	45.623
224	334925.98	2464871.29	10810.26	0	52	42.078	188	55	43.597
225	334926.21	2464886.03	10825.00	0	52	26.653	180	52	42.078
226	334926.22	2464886.75	10825.72	354	41	40.095	180	52	26.653
227	334923.97	2464910.93	10850.00	354	39	38.748	174	41	40.095
228	334923.93	2464911.36	10850.43	355	9	23.062	174	39	38.748
229	334922.73	2464925.59	10864.71	16	51	43.028	175	9	23.062
230	334925.71	2464935.43	10875.00	16	52	29.896	196	51	43.028
231	334926.27	2464937.26	10876.91	44	15	51.663	196	52	29.896
232	334934.30	2464945.50	10888.42	40	30	13.584	224	15	51.663
233	334940.67	2464952.96	10898.23	81	13	45.252	220	30	13.584
234	334942.42	2464953.23	10900.00	0	0	0	261	13	45.252
235	334942.42	2464953.23	10900.00	81	13	5.629	0	0	0
236	334946.17	2464953.81	10903.79	85	18	29.969	261	13	5.629
237	334951.18	2464954.22	10908.82	90	39	58.32	265	18	29.969
238	334960.12	2464954.12	10917.76	0	0	0	270	39	58.32
239	334960.12	2464954.12	10917.76	83	51	41.17	0	0	0
240	334966.18	2464954.77	10923.85	72	44	49.388	263	51	41.17
241	334967.27	2464955.11	10925.00	0	0	0	252	44	49.388
242	334967.27	2464955.11	10925.00	72	44	18.522	0	0	0
243	334972.21	2464956.64	10930.17	87	59	0.374	252	44	18.522
244	334978.80	2464956.88	10936.77	109	11	38.391	267	59	0.374
245	334983.70	2464955.17	10941.95	0	0	0	289	11	38.391
246	334983.70	2464955.17	10941.95	82	56	45.004	0	0	0
247	334988.08	2464955.71	10946.36	39	36	3.197	262	56	45.004
248	334990.15	2464958.23	10949.62	358	18	6.123	219	36	3.197
249	334990.14	2464958.60	10950.00	358	14	42.259	178	18	6.123
250	334989.96	2464964.73	10956.13	333	50	49.587	178	14	42.259
251	334987.57	2464969.59	10961.54	324	55	59.545	153	50	49.587
252	334983.21	2464975.81	10969.14	339	27	27.632	144	55	59.545
253	334981.15	2464981.30	10975.00	339	27	47.963	159	27	27.632
254	334979.57	2464985.51	10979.50	340	15	19.21	159	27	47.963
255	334978.71	2464987.91	10982.05	335	15	20.902	160	15	19.21
256	334976.98	2464991.67	10986.19	343	53	48.847	155	15	20.902
257	334975.93	2464995.31	10989.98	335	22	4.356	163	53	48.847
258	334968.70	2465010.34	11012.62	337	49	50.87	153	58	59.581
259	334964.03	2465021.81	11025.00	337	49	48.999	157	49	50.87
260	334956.56	2465040.13	11044.79	336	13	42.131	157	49	48.999
261	334954.46	2465044.90	11050.00	336	13	18.511	156	13	42.131
262	334944.38	2465067.78	11075.00	336	12	43.362	156	13	18.511
263	334943.90	2465068.88	11076.20	335	34	50.904	156	12	43.362
264	334934.48	2465089.63	11098.99	332	14	38.753	155	34	50.904
265	334934.00	2465090.52	11100.00	332	11	46.559	152	14	38.753
266	334925.88	2465105.93	11117.42	328	12	56.638	152	11	46.559
267	334921.89	2465112.37	11125.00	328	12	52.893	148	12	56.638

268	334914.46	2465124.36	11139.10	326	48	25.767	148	12	52.893
269	334911.85	2465128.35	11143.86	325	1	5.114	146	48	25.767
270	334910.79	2465129.87	11145.72	321	29	39.864	145	1	5.114
271	334909.63	2465131.32	11147.58	317	56	46.634	141	29	39.864
272	334908.39	2465132.70	11149.44	314	21	16.715	137	56	46.634
273	334907.98	2465133.09	11150.00	314	24	15.014	134	21	16.715
274	334907.06	2465134.00	11151.29	312	36	44.695	134	24	15.014
275	334889.66	2465150.01	11174.94	317	32	41.295	132	36	44.695
276	334889.62	2465150.05	11175.00	317	31	55.964	137	32	41.295
277	334872.74	2465168.49	11200.00	317	31	56.8	137	31	55.964
278	334862.32	2465179.87	11215.43	319	28	10.079	137	31	56.8
279	334856.10	2465187.15	11225.00	319	28	34.095	139	28	10.079
280	334849.11	2465195.33	11235.75	317	29	46.973	139	28	34.095
281	334847.72	2465196.85	11237.82	315	31	55.347	137	29	46.973
282	334839.18	2465205.54	11250.00	315	32	2.772	135	31	55.347
283	334830.58	2465214.31	11262.29	314	22	19.497	135	32	2.772
284	334821.49	2465223.20	11275.00	314	22	21.529	134	22	19.497
285	334809.30	2465235.12	11292.05	315	20	53.451	134	22	21.529
286	334808.57	2465235.87	11293.10	318	20	52.684	135	20	53.451
287	334807.20	2465237.41	11295.16	320	18	1.481	138	20	52.684
288	334804.10	2465241.13	11300.00	320	18	9.427	140	18	1.481
289	334794.06	2465253.24	11315.73	317	36	22.086	140	18	9.427
290	334787.81	2465260.08	11325.00	317	36	30.152	137	36	22.086
291	334770.95	2465278.55	11350.00	317	37	6.57	137	36	30.152
292	334769.94	2465279.66	11351.50	314	53	32.527	137	37	6.57
293	334761.14	2465288.42	11363.92	317	48	36.6	134	53	32.527
294	334753.70	2465296.63	11375.00	317	48	31.258	137	48	36.6
295	334745.40	2465305.78	11387.35	319	13	9.686	137	48	31.258
296	334737.14	2465315.36	11400.00	319	13	6.805	139	13	9.686
297	334729.91	2465323.74	11411.07	318	36	14.103	139	13	6.805
298	334720.70	2465334.19	11425.00	318	36	28.639	138	36	14.103
299	334713.20	2465342.70	11436.35	318	32	24.172	138	36	28.639
300	334704.16	2465352.93	11450.00	318	32	21.47	138	32	24.172
301	334697.83	2465360.09	11459.55	320	37	40.692	138	32	21.47
302	334689.60	2465370.13	11472.53	318	52	18.87	140	37	40.692
303	334688.38	2465371.53	11474.40	315	16	3.847	138	52	18.87
304	334687.95	2465371.96	11475.00	315	17	22.317	135	16	3.847
305	334687.06	2465372.86	11476.26	311	43	3.856	135	17	22.317
306	334685.67	2465374.10	11478.12	309	56	43.089	131	43	3.856
307	334678.91	2465379.76	11486.94	303	1	40.494	129	56	43.089
308	334667.96	2465386.88	11500.00	303	1	17.959	123	1	40.494
309	334662.50	2465390.43	11506.52	304	17	42.928	123	1	17.959
310	334647.23	2465400.84	11525.00	304	17	44.95	124	17	42.928
311	334641.46	2465404.77	11531.98	301	41	10.924	124	17	44.95
312	334635.23	2465408.62	11539.31	300	13	35.698	121	41	10.924
313	334633.91	2465409.39	11540.83	297	20	26.298	120	13	35.698
314	334632.56	2465410.09	11542.35	294	26	27.008	117	20	26.298
315	334631.18	2465410.72	11543.87	292	58	39.973	114	26	27.008
316	334625.53	2465413.11	11550.00	292	58	48.219	112	58	39.973
317	334621.79	2465414.70	11554.06	293	22	20.452	112	58	48.219
318	334611.66	2465419.08	11565.10	291	54	19.148	113	22	20.452
319	334610.23	2465419.65	11566.64	288	59	20.906	111	54	19.148
320	334608.78	2465420.15	11568.18	286	1	38.616	108	59	20.906
321	334607.31	2465420.57	11569.71	284	34	39.258	106	1	38.616

322	334602.19	2465421.90	11575.00	284	34	20.098	104	34	39.258
323	334589.09	2465425.31	11588.53	283	1	46.139	104	34	20.098
324	334587.53	2465425.67	11590.14	279	59	51.419	103	1	46.139
325	334585.95	2465425.95	11591.74	276	55	30.812	99	59	51.419
326	334584.36	2465426.14	11593.34	273	52	7.822	96	55	30.812
327	334582.77	2465426.25	11594.94	272	20	36.734	93	52	7.822
328	334577.71	2465426.46	11600.00	272	20	26.243	92	20	36.734
329	334559.41	2465427.20	11618.32	270	41	8.008	92	20	26.243
330	334558.82	2465427.21	11618.90	267	21	26.837	90	41	8.008
331	334558.24	2465427.18	11619.49	263	55	9.333	87	21	26.837
332	334557.66	2465427.12	11620.07	262	16	51.268	83	55	9.333
333	334552.77	2465426.46	11625.00	262	16	25.301	82	16	51.268
334	334545.53	2465425.48	11632.30	261	16	13.318	82	16	25.301
335	334544.49	2465425.32	11633.36	259	17	12.757	81	16	13.318
336	334543.46	2465425.12	11634.41	258	14	50.835	79	17	12.757
337	334528.20	2465421.95	11650.00	258	15	4.197	78	14	50.835
338	334519.02	2465420.04	11659.37	255	29	23.493	78	15	4.197
339	334503.89	2465416.12	11675.00	255	29	19.684	75	29	23.493
340	334494.83	2465413.78	11684.36	256	43	53.676	75	29	19.684
341	334479.61	2465410.19	11700.00	256	43	52.302	76	43	53.676
342	334471.25	2465408.22	11708.58	253	39	24.113	76	43	52.302
343	334460.85	2465405.17	11719.42	254	46	12.962	73	39	24.113
344	334459.71	2465404.86	11720.61	257	3	47.57	74	46	12.962
345	334458.55	2465404.59	11721.80	258	11	56.769	77	3	47.57
346	334455.88	2465404.03	11724.52	255	35	9.096	78	11	56.769
347	334455.42	2465403.91	11725.00	255	43	8.055	75	35	9.096
348	334455.03	2465403.82	11725.40	250	39	15.685	75	43	8.055
349	334454.21	2465403.53	11726.27	245	41	29.755	70	39	15.685
350	334453.41	2465403.17	11727.15	240	35	45.31	65	41	29.755
351	334452.65	2465402.74	11728.02	235	39	23.774	60	35	45.31
352	334451.92	2465402.24	11728.90	230	33	47.552	55	39	23.774
353	334451.25	2465401.69	11729.77	225	36	7.618	50	33	47.552
354	334450.62	2465401.07	11730.65	220	36	4.661	45	36	7.618
355	334450.05	2465400.41	11731.52	215	31	20.899	40	36	4.661
356	334449.54	2465399.70	11732.40	213	1	41.143	35	31	20.899
357	334448.62	2465398.27	11734.11	211	38	36.849	33	1	41.143
358	334448.34	2465397.82	11734.63	208	26	5.524	31	38	36.849
359	334448.09	2465397.37	11735.15	205	37	44.724	28	26	5.524
360	334447.87	2465396.90	11735.67	202	37	11.514	25	37	44.724
361	334447.67	2465396.42	11736.19	201	6	46.256	22	37	11.514
362	334442.69	2465383.53	11750.00	201	6	7.938	21	6	46.256
363	334441.41	2465380.21	11753.56	192	36	57.735	21	6	7.938
364	334437.19	2465361.37	11772.87	190	45	10.037	12	36	57.735
365	334436.83	2465359.44	11774.83	186	55	16.024	10	45	10.037
366	334436.81	2465359.27	11775.00	187	1	45.375	6	55	16.024
367	334436.59	2465357.50	11776.78	183	15	10.593	7	1	45.375
368	334436.48	2465355.55	11778.74	181	24	33.846	3	15	10.593
369	334435.96	2465334.29	11800.00	181	23	56.43	1	24	33.846
370	334435.84	2465329.71	11804.59	182	36	6.436	1	23	56.43
371	334435.54	2465323.00	11811.31	184	7	7.539	2	36	6.436
372	334435.42	2465321.40	11812.91	187	10	57.987	4	7	7.539
373	334435.22	2465319.81	11814.51	190	15	1.619	7	10	57.987
374	334434.94	2465318.24	11816.11	193	17	52.572	10	15	1.619
375	334434.57	2465316.68	11817.71	194	49	37.741	13	17	52.572

376	334432.71	2465309.63	11825.00	194	49	32.234	14	49	37.741
377	334428.34	2465293.14	11842.06	192	24	49.539	14	49	32.234
378	334426.63	2465285.38	11850.00	192	24	39.8	12	24	49.539
379	334423.13	2465269.46	11866.31	192	35	9.625	12	24	39.8
380	334421.23	2465260.97	11875.00	192	35	37.273	12	35	9.625
381	334415.78	2465236.57	11900.00	192	34	14.303	12	35	37.273
382	334415.59	2465235.70	11900.89	188	49	49.954	12	34	14.303
383	334411.89	2465211.88	11925.00	188	50	3.914	8	49	49.954
384	334410.90	2465205.49	11931.47	188	52	25.633	8	50	3.914
385	334408.04	2465187.18	11950.00	188	52	50.373	8	52	25.633
386	334407.92	2465186.44	11950.75	189	22	33.733	8	52	50.373
387	334405.86	2465173.95	11963.41	187	18	54.616	9	22	33.733
388	334405.58	2465171.80	11965.58	183	8	51.245	7	18	54.616
389	334405.46	2465169.64	11967.74	179	2	53.673	3	8	51.245
390	334405.50	2465167.47	11969.91	174	51	46.907	359	2	53.673
391	334405.69	2465165.31	11972.08	172	49	34.881	354	51	46.907
392	334406.06	2465162.41	11975.00	172	48	55.129	352	49	34.881
393	334408.05	2465146.58	11990.96	172	41	7.931	352	48	55.129
394	334409.21	2465137.61	12000.00	172	41	15.384	352	41	7.931
395	334410.55	2465127.15	12010.54	174	30	8.513	352	41	15.384
396	334411.93	2465112.76	12025.00	174	30	4.554	354	30	8.513
397	334413.26	2465098.97	12038.86	173	31	36.536	354	30	4.554
398	334413.38	2465097.93	12039.91	170	35	39.007	353	31	36.536
399	334413.71	2465095.95	12041.91	168	40	39.261	350	35	39.007
400	334415.29	2465088.02	12050.00	168	40	56.042	348	40	39.261
401	334418.11	2465073.95	12064.34	169	28	40.011	348	40	56.042
402	334420.06	2465063.48	12075.00	169	28	20.996	349	28	40.011
403	334423.25	2465046.28	12092.49	172	27	9.958	349	28	20.996
404	334424.24	2465038.84	12100.00	172	27	24.715	352	27	9.958
405	334426.47	2465022.00	12116.98	169	48	48.488	352	27	24.715
406	334427.26	2465017.61	12121.44	172	1	23.073	349	48	48.488
407	334427.58	2465015.31	12123.77	176	30	38.43	352	1	23.073
408	334427.65	2465014.08	12125.00	176	29	31.938	356	30	38.43
409	334427.72	2465012.98	12126.10	180	54	39.396	356	29	31.938
410	334427.68	2465010.66	12128.42	185	22	29.911	0	54	39.396
411	334427.47	2465008.34	12130.75	189	49	21.239	5	22	29.911
412	334427.07	2465006.05	12133.08	194	16	51.945	9	49	21.239
413	334426.49	2465003.79	12135.40	198	41	58.922	14	16	51.945
414	334425.75	2465001.59	12137.73	203	10	21.846	18	41	58.922
415	334424.83	2464999.45	12140.06	205	22	41.58	23	10	21.846
416	334423.63	2464996.91	12142.87	213	50	21.473	25	22	41.58
417	334419.66	2464990.99	12150.00	213	50	39.807	33	50	21.473
418	334416.04	2464985.60	12156.49	215	57	26.078	33	50	39.807
419	334414.74	2464983.80	12158.71	220	13	5.489	35	57	26.078
420	334413.30	2464982.10	12160.93	224	27	10.631	40	13	5.489
421	334411.75	2464980.52	12163.15	228	42	9.122	44	27	10.631
422	334410.08	2464979.05	12165.38	232	56	21.379	48	42	9.122
423	334408.30	2464977.71	12167.60	237	11	47.818	52	56	21.379
424	334406.44	2464976.51	12169.82	239	18	54.506	57	11	47.818
425	334401.98	2464973.86	12175.00	239	18	49.31	59	18	54.506
426	334383.43	2464962.86	12196.57	237	54	28.398	59	18	49.31
427	334380.53	2464961.03	12200.00	237	54	47.01	57	54	28.398
428	334363.87	2464950.59	12219.66	239	14	38.838	57	54	47.01
429	334362.69	2464949.89	12221.03	241	49	36.03	59	14	38.838

430	334361.49	2464949.24	12222.40	243	8	21.69	61	49	36.03
431	334359.17	2464948.07	12225.00	243	8	52.655	63	8	21.69
432	334336.86	2464936.77	12250.00	243	8	51.806	63	8	52.655
433	334325.56	2464931.05	12262.67	243	13	37.805	63	8	51.806
434	334314.55	2464925.50	12275.00	243	13	50.522	63	13	37.805
435	334299.88	2464918.10	12291.44	245	3	33.333	63	13	50.522
436	334298.15	2464917.29	12293.34	248	41	20.059	65	3	33.333
437	334296.37	2464916.60	12295.25	252	20	36.151	68	41	20.059
438	334294.55	2464916.02	12297.16	254	10	35.754	72	20	36.151
439	334291.82	2464915.24	12300.00	254	10	6.844	74	10	35.754
440	334267.77	2464908.42	12325.00	254	10	2.784	74	10	6.844
441	334258.64	2464905.84	12334.49	254	55	3.079	74	10	2.784
442	334243.66	2464901.80	12350.00	254	55	3.22	74	55	3.079
443	334222.30	2464896.04	12372.12	254	15	43.445	74	55	3.22
444	334219.53	2464895.26	12375.00	254	15	25.392	74	15	43.445
445	334210.10	2464892.60	12384.80	255	18	21.336	74	15	25.392
446	334209.02	2464892.32	12385.92	257	27	16.297	75	18	21.336
447	334207.93	2464892.08	12387.04	259	36	46.148	77	27	16.297
448	334206.82	2464891.87	12388.16	260	40	16.603	79	36	46.148
449	334195.14	2464889.95	12400.00	260	40	13.076	80	40	16.603
450	334170.47	2464885.90	12425.00	260	40	12.935	80	40	13.076
451	334164.51	2464884.92	12431.04	259	47	0.727	80	40	12.935
452	334145.85	2464881.56	12450.00	259	47	1.838	79	47	0.727
453	334128.90	2464878.51	12467.22	261	25	23.527	79	47	1.838
454	334127.20	2464878.25	12468.94	264	42	11.417	81	25	23.527
455	334125.48	2464878.09	12470.66	268	2	11.517	84	42	11.417
456	334123.76	2464878.03	12472.39	271	17	47.994	88	2	11.517
457	334122.04	2464878.07	12474.11	272	53	51.947	91	17	47.994
458	334121.15	2464878.11	12475.00	272	56	47.98	92	53	51.947
459	334113.28	2464878.52	12482.88	270	8	23.084	92	56	47.98
460	334112.05	2464878.52	12484.11	272	31	41.246	90	8	23.084
461	334111.21	2464878.56	12484.95	277	23	45.876	92	31	41.246
462	334110.38	2464878.67	12485.79	282	6	49.835	97	23	45.876
463	334109.56	2464878.84	12486.63	286	59	13.895	102	6	49.835
464	334108.76	2464879.09	12487.46	291	45	48.082	106	59	13.895
465	334107.98	2464879.40	12488.30	296	37	34.083	111	45	48.082
466	334107.23	2464879.78	12489.14	301	23	49.869	116	37	34.083
467	334106.51	2464880.21	12489.98	303	47	22.671	121	23	49.869
468	334099.75	2464884.74	12498.12	314	8	16.174	123	47	22.671
469	334098.40	2464886.05	12500.00	314	8	50.337	134	8	16.174
470	334090.49	2464893.73	12511.02	312	30	43.955	134	8	50.337
471	334080.19	2464903.17	12525.00	312	30	54.377	132	30	43.955
472	334071.83	2464910.83	12536.34	314	32	19.798	132	30	54.377
473	334063.94	2464918.60	12547.41	318	13	4.57	134	32	19.798
474	334062.21	2464920.53	12550.00	318	13	52.592	138	13	4.57
475	334054.85	2464928.77	12561.05	317	7	56.971	138	13	52.592
476	334045.36	2464939.00	12575.00	317	7	28.356	137	7	56.971
477	334037.67	2464947.29	12586.31	319	43	22.234	137	7	28.356
478	334028.82	2464957.73	12600.00	319	43	8.313	139	43	22.234
479	334014.79	2464974.28	12621.70	319	19	4.34	139	43	8.313
480	334012.63	2464976.79	12625.00	319	18	14.888	139	19	4.34
481	334002.44	2464988.64	12640.64	322	3	5.273	139	18	14.888
482	333996.68	2464996.03	12650.00	322	3	3.954	142	3	5.273
483	333988.03	2465007.12	12664.07	320	25	43.435	142	3	3.954

484	333981.07	2465015.55	12675.00	320	25	44.907	140	25	43.435
485	333969.26	2465029.83	12693.53	319	52	28.118	140	25	44.907
486	333965.09	2465034.78	12700.00	319	52	33.363	139	52	28.118
487	333955.59	2465046.05	12714.74	321	6	48.24	139	52	33.363
488	333949.15	2465054.03	12725.00	321	6	51.676	141	6	48.24
489	333941.29	2465063.78	12737.52	319	12	50.123	141	6	51.676
490	333939.12	2465066.30	12740.85	315	23	21.948	139	12	50.123
491	333936.78	2465068.67	12744.18	311	33	58.931	135	23	21.948
492	333934.29	2465070.88	12747.51	309	39	30.031	131	33	58.931
493	333932.37	2465072.47	12750.00	309	40	1.44	129	39	30.031
494	333913.13	2465088.43	12775.00	309	40	4.228	129	40	1.44
495	333907.30	2465093.26	12782.56	307	32	36.64	129	40	4.228
496	333905.54	2465094.61	12784.79	303	16	10.259	127	32	36.64
497	333903.67	2465095.84	12787.02	299	1	37.655	123	16	10.259
498	333901.72	2465096.92	12789.25	294	46	17.581	119	1	37.655
499	333899.70	2465097.85	12791.48	292	38	7.366	114	46	17.581
500	333891.83	2465101.13	12800.00	292	38	12.218	112	38	7.366
501	333885.80	2465103.65	12806.53	289	18	59.326	112	38	12.218
502	333881.65	2465105.10	12810.93	287	24	30.174	109	18	59.326
503	333879.73	2465105.70	12812.95	283	31	56.168	107	24	30.174
504	333877.78	2465106.17	12814.96	279	43	27.74	103	31	56.168
505	333875.79	2465106.51	12816.97	275	50	47.663	99	43	27.74
506	333873.79	2465106.72	12818.98	272	1	15.709	95	50	47.663
507	333871.78	2465106.79	12821.00	268	10	41.104	92	1	15.709
508	333869.77	2465106.73	12823.01	266	13	34.097	88	10	41.104
509	333867.78	2465106.60	12825.00	266	14	57.106	86	13	34.097
510	333856.66	2465105.87	12836.14	264	13	28.049	86	14	57.106
511	333854.56	2465105.65	12838.25	260	13	13.312	84	13	28.049
512	333852.49	2465105.30	12840.36	256	11	16.818	80	13	13.312
513	333850.44	2465104.79	12842.47	252	10	2.053	76	11	16.818
514	333848.44	2465104.15	12844.57	250	8	35.272	72	10	2.053
515	333843.33	2465102.30	12850.00	250	9	0.036	70	8	35.272
516	333836.86	2465099.97	12856.88	247	57	34.763	70	9	0.036
517	333820.06	2465093.17	12875.00	247	57	32.121	67	57	34.763
518	333808.71	2465088.57	12887.25	248	13	58.125	67	57	32.121
519	333796.87	2465083.84	12900.00	248	14	6.685	68	13	58.125
520	333773.65	2465074.57	12925.00	248	14	17.331	68	14	6.685
521	333767.40	2465072.08	12931.73	249	1	5.916	68	14	17.331
522	333750.34	2465065.54	12950.00	249	1	2.81	69	1	5.916
523	333727.00	2465056.58	12975.00	249	0	57.313	69	1	2.81
524	333717.80	2465053.06	12984.85	249	58	8.621	69	0	57.313
525	333703.57	2465047.87	13000.00	249	58	18.576	69	58	8.621
526	333701.53	2465047.12	13002.17	251	21	13.393	69	58	18.576
527	333700.15	2465046.66	13003.63	254	9	6.505	71	21	13.393
528	333698.74	2465046.26	13005.09	255	32	14.443	74	9	6.505
529	333679.46	2465041.29	13025.00	255	32	14.192	75	32	14.443
530	333669.62	2465038.75	13035.17	253	29	16.647	75	32	14.192
531	333655.40	2465034.53	13050.00	253	29	15.584	73	29	16.647
532	333651.48	2465033.37	13054.08	248	31	50.6	73	29	15.584
533	333632.97	2465026.09	13073.97	249	41	32.579	68	31	50.6
534	333632.01	2465025.73	13075.00	249	45	37.111	69	41	32.579
535	333631.83	2465025.67	13075.19	252	2	30.336	69	45	37.111
536	333630.67	2465025.29	13076.41	254	19	10.851	72	2	30.336
537	333629.50	2465024.96	13077.62	255	30	12.787	74	19	10.851

538	333607.84	2465019.36	13100.00	255	29	58.433	75	30	12.787
539	333604.39	2465018.47	13103.56	257	22	55.061	75	29	58.433
540	333602.49	2465018.05	13105.51	261	5	34.941	77	22	55.061
541	333600.56	2465017.74	13107.46	264	47	32.174	81	5	34.941
542	333598.62	2465017.57	13109.41	266	40	43.926	84	47	32.174
543	333583.06	2465016.66	13125.00	266	40	51.169	86	40	43.926
544	333578.73	2465016.41	13129.34	268	52	39.63	86	40	51.169
545	333576.43	2465016.37	13131.63	273	14	36.45	88	52	39.63
546	333574.14	2465016.50	13133.93	277	39	14.296	93	14	36.45
547	333571.86	2465016.80	13136.23	282	3	29.459	97	39	14.296
548	333569.61	2465017.28	13138.53	286	24	28.207	102	3	29.459
549	333567.41	2465017.93	13140.82	288	37	35.282	106	24	28.207
550	333558.71	2465020.86	13150.00	288	37	28.527	108	37	35.282
551	333551.47	2465023.30	13157.64	291	59	30.6	108	37	28.527
552	333550.12	2465023.85	13159.10	294	6	55.176	111	59	30.6
553	333548.11	2465024.75	13161.30	298	20	28.267	114	6	55.176
554	333546.16	2465025.80	13163.51	302	32	41.571	118	20	28.267
555	333544.30	2465026.99	13165.72	306	45	1.875	122	32	41.571
556	333542.54	2465028.31	13167.93	310	58	33.109	126	45	1.875
557	333540.87	2465029.75	13170.13	315	12	6.98	130	58	33.109
558	333539.31	2465031.32	13172.34	319	24	35.887	135	12	6.98
559	333537.88	2465033.00	13174.55	321	32	15.21	139	24	35.887
560	333537.60	2465033.35	13175.00	321	31	7.806	141	32	15.21
561	333534.64	2465037.08	13179.76	319	52	42.462	141	31	7.806
562	333527.21	2465045.88	13191.27	321	34	29.581	139	52	42.462
563	333526.12	2465047.26	13193.03	324	54	22.856	141	34	29.581
564	333525.12	2465048.69	13194.78	328	15	27.754	144	54	22.856
565	333524.19	2465050.18	13196.54	331	37	26.612	148	15	27.754
566	333523.36	2465051.73	13198.29	333	17	5.857	151	37	26.612
567	333522.59	2465053.25	13200.00	333	17	15.508	153	17	5.857
568	333516.02	2465066.31	13214.61	332	47	28.231	153	17	15.508
569	333511.27	2465075.54	13225.00	332	47	49.664	152	47	28.231
570	333503.63	2465090.41	13241.71	333	25	14.84	152	47	49.664
571	333501.20	2465095.26	13247.14	334	59	37.079	153	25	14.84
572	333500.51	2465096.75	13248.79	338	6	8.051	154	59	37.079
573	333500.06	2465097.88	13250.00	338	8	56.727	158	6	8.051
574	333499.90	2465098.28	13250.43	341	16	2.998	158	8	56.727
575	333499.37	2465099.84	13252.07	344	24	31.5	161	16	2.998
576	333498.93	2465101.42	13253.72	345	59	6.43	164	24	31.5
577	333493.88	2465121.62	13274.53	344	26	34.753	165	59	6.43
578	333493.76	2465122.07	13275.00	344	24	10.156	164	26	34.753
579	333491.63	2465129.71	13282.93	346	27	16.402	164	24	10.156
580	333491.12	2465131.80	13285.09	350	33	34.421	166	27	16.402
581	333490.77	2465133.92	13287.24	354	41	40.924	170	33	34.421
582	333490.57	2465136.06	13289.39	358	46	29.616	174	41	40.924
583	333490.52	2465138.22	13291.54	2	54	13.054	178	46	29.616
584	333490.63	2465140.36	13293.69	4	57	24.324	182	54	13.054
585	333491.18	2465146.65	13300.00	4	58	48.509	184	57	24.324
586	333491.32	2465148.31	13301.67	5	42	25.819	184	58	48.509
587	333493.64	2465171.53	13325.00	5	40	33.221	185	42	25.819
588	333493.71	2465172.18	13325.66	4	6	59.93	185	40	33.221
589	333495.39	2465195.54	13349.07	3	42	55.041	184	6	59.93
590	333495.45	2465196.46	13350.00	3	43	56.204	183	42	55.041
591	333496.55	2465213.34	13366.91	7	53	7.926	183	43	56.204

592	333497.55	2465220.56	13374.20	5	15	10.729	187	53	7.926
593	333497.62	2465221.35	13375.00	5	12	1.075	185	15	10.729
594	333498.42	2465230.15	13383.84	6	48	27.118	185	12	1.075
595	333498.62	2465231.82	13385.52	10	1	4.318	186	48	27.118
596	333498.92	2465233.47	13387.20	13	13	1.484	190	1	4.318
597	333499.30	2465235.11	13388.87	14	49	18.986	193	13	1.484
598	333502.15	2465245.86	13400.00	14	52	11.693	194	49	18.986
599	333502.22	2465246.15	13400.30	11	47	31.552	194	52	11.693
600	333504.87	2465258.84	13413.26	13	0	45.134	191	47	31.552
601	333507.51	2465270.28	13425.00	13	0	56.314	193	0	45.134
602	333509.08	2465277.04	13431.95	15	15	15.211	193	0	56.314
603	333512.04	2465287.90	13443.20	16	49	35.967	195	15	15.211
604	333514.01	2465294.41	13450.00	16	50	17.532	196	49	35.967
605	333514.29	2465295.36	13450.99	17	31	17.013	196	50	17.532
606	333519.48	2465311.77	13468.20	21	20	39.634	197	31	17.013
607	333521.95	2465318.11	13475.00	21	20	56.055	201	20	39.634
608	333523.31	2465321.59	13478.74	23	12	36.458	201	20	56.055
609	333524.08	2465323.39	13480.70	26	57	28.549	203	12	36.458
610	333524.97	2465325.13	13482.65	30	41	33.514	206	57	28.549
611	333525.97	2465326.81	13484.61	34	25	15.775	210	41	33.514
612	333527.08	2465328.43	13486.57	36	18	35.856	214	25	15.775
613	333528.51	2465330.37	13488.98	34	34	16.259	216	18	35.856
614	333534.76	2465339.45	13500.00	34	35	12.185	214	34	16.259
615	333537.91	2465344.01	13505.55	35	47	43.34	214	35	12.185
616	333547.69	2465357.58	13522.27	36	35	4.018	215	47	43.34
617	333549.32	2465359.77	13525.00	36	35	25.808	216	35	4.018
618	333554.28	2465366.45	13533.33	37	35	37.727	216	35	25.808
619	333554.95	2465367.33	13534.43	39	47	56.213	217	35	37.727
620	333555.66	2465368.18	13535.54	41	51	9.484	219	47	56.213
621	333556.40	2465369.01	13536.65	42	55	58.938	221	51	9.484
622	333565.50	2465378.78	13550.00	42	56	7.116	222	55	58.938
623	333570.35	2465384.00	13557.12	40	10	7.625	222	56	7.116
624	333581.88	2465397.66	13575.00	40	10	13.062	220	10	7.625
625	333588.55	2465405.56	13585.34	40	54	5.003	220	10	13.062
626	333598.15	2465416.64	13600.00	40	54	12.728	220	54	5.003
627	333604.07	2465423.48	13609.05	42	2	32.909	220	54	12.728
628	333614.76	2465435.33	13625.00	42	2	38.743	222	2	32.909
629	333617.26	2465438.11	13628.74	42	10	21.291	222	2	38.743
630	333630.93	2465453.19	13649.10	43	52	36.11	222	10	21.291
631	333631.55	2465453.84	13650.00	43	52	11.358	223	52	36.11
632	333632.99	2465455.34	13652.08	47	18	36.567	223	52	11.358
633	333635.19	2465457.36	13655.06	50	42	57.603	227	18	36.567
634	333637.49	2465459.25	13658.04	52	25	30.818	230	42	57.603
635	333650.93	2465469.59	13675.00	52	25	24.976	232	25	30.818
636	333652.71	2465470.96	13677.24	57	3	45.213	232	25	24.976
637	333671.81	2465483.33	13700.00	57	3	47.839	237	3	45.213
638	333682.15	2465490.03	13712.32	55	10	58.133	237	3	47.839
639	333683.76	2465491.15	13714.28	51	26	42.886	235	10	58.133
640	333685.29	2465492.37	13716.24	47	42	38.051	231	26	42.886
641	333686.74	2465493.69	13718.20	45	50	43.414	227	42	38.051
642	333687.19	2465494.12	13718.82	43	15	21.441	225	50	43.414
643	333691.42	2465498.62	13725.00	43	15	27.431	223	15	21.441
644	333708.55	2465516.83	13750.00	43	15	26.574	223	15	27.431
645	333712.20	2465520.71	13755.33	42	48	30.534	223	15	26.574

646	333725.57	2465535.14	13775.00	42	48	30.557	222	48	30.534
647	333742.56	2465553.48	13800.00	42	48	35.691	222	48	30.557
648	333746.87	2465558.14	13806.35	41	44	38.227	222	48	35.691
649	333747.62	2465558.97	13807.47	39	36	9.125	221	44	38.227
650	333748.33	2465559.84	13808.59	37	27	11.415	219	36	9.125
651	333749.02	2465560.73	13809.71	36	23	22.525	217	27	11.415
652	333758.09	2465573.04	13825.00	36	23	22.079	216	23	22.525
653	333760.90	2465576.86	13829.75	36	40	8.542	216	23	22.079
654	333773.00	2465593.10	13850.00	36	39	59.008	216	40	8.542
655	333774.61	2465595.27	13852.70	34	46	37.826	216	39	59.008
656	333775.75	2465596.90	13854.69	30	58	42.919	214	46	37.826
657	333776.77	2465598.61	13856.68	27	10	14.59	210	58	42.919
658	333777.68	2465600.38	13858.67	25	16	48.365	207	10	14.59
659	333784.65	2465615.15	13875.00	25	16	1.355	205	16	48.365
660	333785.98	2465617.95	13878.10	24	16	24.625	205	16	1.355
661	333790.48	2465627.94	13889.06	22	34	31.687	204	16	24.625
662	333791.17	2465629.59	13890.85	19	8	41.178	202	34	31.687
663	333791.75	2465631.28	13892.64	15	44	18.676	199	8	41.178
664	333792.24	2465633.00	13894.42	12	20	27.76	195	44	18.676
665	333792.62	2465634.75	13896.21	10	36	47.356	192	20	27.76
666	333793.32	2465638.47	13900.00	10	37	6.993	190	36	47.356
667	333796.42	2465655.01	13916.82	8	58	15.308	190	37	6.993
668	333796.69	2465656.73	13918.57	5	35	46.077	188	58	15.308
669	333796.86	2465658.46	13920.31	2	18	4.026	185	35	46.077
670	333796.93	2465660.21	13922.05	0	38	17.926	182	18	4.026
671	333796.96	2465663.17	13925.00	0	37	30.072	180	38	17.926
672	333797.13	2465678.57	13940.42	0	8	18.852	180	37	30.072
673	333797.16	2465688.08	13950.00	0	8	10.259	180	8	18.852
674	333797.20	2465704.91	13966.76	1	40	56.036	180	8	10.259
675	333797.44	2465713.15	13975.00	1	40	36.05	181	40	56.036
676	333797.55	2465717.14	13979.00	3	51	45.418	181	40	36.05
677	333798.43	2465730.15	13992.03	1	16	22.333	183	51	45.418
678	333798.61	2465738.11	14000.00	1	16	26.059	181	16	22.333
679	333798.71	2465742.48	14004.36	1	20	45.556	181	16	26.059
680	333798.96	2465753.12	14015.01	2	57	34.04	181	20	45.556
681	333799.47	2465763.10	14025.00	2	57	44.076	182	57	34.04
682	333799.59	2465765.36	14027.26	357	23	8.651	182	57	44.076
683	333798.73	2465784.24	14046.16	0	12	23.293	177	23	8.651
684	333798.74	2465788.12	14050.00	0	12	35.629	180	12	23.293
685	333798.77	2465797.13	14059.06	358	7	49.611	180	12	35.629
686	333798.37	2465809.42	14071.35	354	51	49.669	178	7	49.611
687	333798.05	2465813.05	14075.00	354	51	4.086	174	51	49.669
688	333796.73	2465827.68	14089.69	355	35	4.84	174	51	4.086
689	333795.93	2465837.96	14100.00	355	34	43.697	175	35	4.84
690	333795.69	2465841.08	14103.13	355	38	45.146	175	34	43.697
691	333795.23	2465847.17	14109.24	356	12	31.939	175	38	45.146
692	333794.63	2465856.29	14118.37	354	18	5.225	176	12	31.939
693	333793.97	2465862.88	14125.00	354	17	53.892	174	18	5.225
694	333793.20	2465870.54	14132.69	354	40	16.056	174	17	53.892
695	333792.39	2465879.29	14141.49	354	56	49.224	174	40	16.056
696	333791.81	2465885.80	14148.02	355	57	19.852	174	56	49.224
697	333791.67	2465887.78	14150.00	355	58	46.308	175	57	19.852
698	333791.01	2465897.15	14159.40	354	49	38.78	175	58	46.308
699	333789.79	2465910.62	14172.92	352	59	3.623	174	49	38.78

700	333789.54	2465912.68	14175.00	352	59	20.605	172	59	3.623
701	333788.44	2465921.59	14183.97	354	31	36.522	172	59	20.605
702	333787.62	2465930.15	14192.57	353	57	48.062	174	31	36.522
703	333787.12	2465934.89	14197.34	356	43	19.684	173	57	48.062
704	333786.97	2465937.55	14200.00	356	44	50.522	176	43	19.684
705	333786.81	2465940.38	14202.84	354	34	36.413	176	44	50.522
706	333786.27	2465946.07	14208.55	354	11	9.685	174	34	36.413
707	333785.30	2465955.61	14218.15	356	12	5.39	174	11	9.685
708	333784.84	2465962.45	14225.00	356	20	17.032	176	12	5.39
709	333784.83	2465962.70	14225.25	355	20	26.985	176	20	17.032
710	333783.97	2465973.28	14235.86	354	18	31.548	175	20	26.985
711	333782.56	2465987.35	14250.00	354	18	53.244	174	18	31.548
712	333782.39	2465989.13	14251.80	354	2	17.653	174	18	53.244
713	333780.80	2466004.35	14267.10	355	43	8.974	174	2	17.653
714	333780.21	2466012.23	14275.00	355	44	28.154	175	43	8.974
715	333780.02	2466014.68	14277.45	353	35	18.677	175	44	28.154
716	333779.24	2466021.64	14284.46	356	51	11.792	173	35	18.677
717	333778.58	2466033.72	14296.56	354	56	56.774	176	51	11.792
718	333778.40	2466035.70	14298.55	353	2	45.918	174	56	56.774
719	333778.23	2466037.15	14300.00	353	3	14.428	173	2	45.918
720	333776.81	2466048.81	14311.75	353	55	24.492	173	3	14.428
721	333775.55	2466060.65	14323.65	353	49	10.333	173	55	24.492
722	333775.40	2466061.98	14325.00	353	50	41.675	173	49	10.333
723	333773.87	2466076.19	14339.29	354	46	19.763	173	50	41.675
724	333772.89	2466086.86	14350.00	354	46	24.76	174	46	19.763
725	333771.99	2466096.70	14359.88	352	35	32.778	174	46	24.76
726	333770.98	2466104.50	14367.75	354	58	36.28	172	35	32.778
727	333770.44	2466110.60	14373.87	353	0	27.353	174	58	36.28
728	333770.30	2466111.72	14375.00	352	58	24.246	173	0	27.353
729	333768.87	2466123.33	14386.70	352	44	33.09	172	58	24.246
730	333767.84	2466131.47	14394.91	354	57	55.65	172	44	33.09
731	333767.39	2466136.55	14400.00	354	58	28.62	174	57	55.65
732	333766.72	2466144.19	14407.67	352	38	44.152	174	58	28.62
733	333764.86	2466158.57	14422.17	354	3	20.357	172	38	44.152
734	333764.57	2466161.38	14425.00	354	3	10.08	174	3	20.357
735	333762.74	2466178.90	14442.61	352	7	59.424	174	3	10.08
736	333761.73	2466186.22	14450.00	352	8	16.576	172	7	59.424
737	333760.66	2466193.97	14457.83	352	21	45.28	172	8	16.576
738	333758.38	2466210.99	14475.00	352	22	22.438	172	21	45.28
739	333757.93	2466214.34	14478.38	353	26	25.737	172	22	22.438
740	333756.30	2466228.50	14492.63	352	15	37.466	173	26	25.737
741	333755.31	2466235.80	14500.00	352	15	18.598	172	15	37.466
742	333752.83	2466254.04	14518.40	352	35	18.374	172	15	18.598
743	333751.98	2466260.58	14525.00	352	35	46.02	172	35	18.374
744	333748.76	2466285.32	14549.95	354	10	25.169	172	35	46.02
745	333748.76	2466285.37	14550.00	353	43	52.232	174	10	25.169
746	333746.03	2466310.22	14575.00	353	43	39.187	173	43	52.232
747	333745.13	2466318.39	14583.22	352	52	10.121	173	43	39.187
748	333743.05	2466335.04	14600.00	352	52	11.37	172	52	10.121
749	333741.34	2466348.71	14613.78	352	35	33.294	172	52	11.37
750	333739.89	2466359.84	14625.00	352	35	33.725	172	35	33.294
751	333736.67	2466384.63	14650.00	352	35	23.721	172	35	33.725
752	333735.74	2466391.75	14657.18	352	12	31.882	172	35	23.721
753	333733.57	2466407.60	14673.17	352	17	43.984	172	12	31.882

754	333733.33	2466409.41	14675.00	352	17	40.182	172	17	43.984
755	333729.98	2466434.18	14700.00	352	17	47.766	172	17	40.182
756	333729.31	2466439.15	14705.01	354	27	21.545	172	17	47.766
757	333727.37	2466459.04	14725.00	354	28	2.075	174	27	21.545
758	333727.31	2466459.75	14725.71	352	11	34.31	174	28	2.075
759	333725.95	2466469.61	14735.67	351	47	51.14	172	11	34.31
760	333723.91	2466483.80	14750.00	351	47	38.951	171	47	51.14
761	333722.89	2466490.90	14757.17	350	41	15.822	171	47	38.951
762	333722.69	2466492.07	14758.36	348	22	43.803	170	41	15.822
763	333722.45	2466493.24	14759.55	346	6	55.196	168	22	43.803
764	333722.17	2466494.40	14760.74	344	58	3.718	166	6	55.196
765	333718.83	2466506.83	14773.62	346	32	17.545	164	58	3.718
766	333718.51	2466508.17	14775.00	346	32	28.2	166	32	17.545
767	333714.04	2466526.85	14794.21	346	53	4.532	166	32	28.2
768	333712.72	2466532.50	14800.00	346	53	17.871	166	53	4.532
769	333708.62	2466550.11	14818.08	346	8	25.94	166	53	17.871
770	333706.96	2466556.82	14825.00	346	8	30.847	166	8	25.94
771	333701.47	2466579.09	14847.93	345	44	30.708	166	8	30.847
772	333700.96	2466581.09	14850.00	345	43	51.086	165	44	30.708
773	333694.80	2466605.32	14875.00	345	44	43.257	165	43	51.086
774	333694.56	2466606.25	14875.96	345	10	22.195	165	44	43.257
775	333689.72	2466624.56	14894.90	346	27	42.915	165	10	22.195
776	333688.52	2466629.52	14900.00	346	27	40.916	166	27	42.915
777	333686.17	2466639.27	14910.03	345	30	59.183	166	27	40.916
778	333682.43	2466653.76	14925.00	345	30	56.385	165	30	59.183
779	333676.88	2466675.23	14947.17	344	55	34.469	165	30	56.385
780	333676.15	2466677.96	14950.00	344	54	52.043	164	55	34.469
781	333671.05	2466696.88	14969.59	342	50	14.415	164	54	52.043
782	333669.45	2466702.05	14975.00	342	50	30.117	162	50	14.415
783	333663.35	2466721.82	14995.69	347	39	52.446	162	50	30.117
784	333662.43	2466726.03	15000.00	347	40	14.23	167	39	52.446
785	333660.66	2466734.12	15008.29	343	21	11.888	167	40	14.23
786	333655.87	2466750.13	15025.00	343	21	7.517	163	21	11.888
787	333653.73	2466757.30	15032.48	341	34	35.145	163	21	7.517
788	333648.19	2466773.92	15050.00	341	34	10.801	161	34	35.145
789	333646.95	2466777.65	15053.93	342	18	12.942	161	34	10.801
790	333640.54	2466797.72	15075.00	342	18	13.918	162	18	12.942
791	333634.71	2466816.02	15094.20	340	48	20.05	162	18	13.918
792	333632.80	2466821.49	15100.00	340	48	25.089	160	48	20.05
793	333624.58	2466845.10	15125.00	340	48	12.595	160	48	25.089
794	333620.25	2466857.55	15138.18	341	32	9.322	160	48	12.595
795	333616.50	2466868.76	15150.00	341	32	13.718	161	32	9.322
796	333610.75	2466886.01	15168.18	340	9	16.775	161	32	13.718
797	333608.43	2466892.42	15175.00	340	9	27.401	160	9	16.775
798	333599.95	2466915.92	15199.98	338	11	54.926	160	9	27.401
799	333599.95	2466915.94	15200.00	338	50	37.351	158	11	54.926
800	333592.68	2466934.70	15220.12	340	10	34.966	158	50	37.351
801	333591.03	2466939.29	15225.00	340	10	22.495	160	10	34.966
802	333583.07	2466961.37	15248.47	340	23	38.332	160	10	22.495
803	333582.55	2466962.81	15250.00	340	24	29.041	160	23	38.332
804	333575.52	2466982.58	15270.99	341	50	25.444	160	24	29.041
805	333574.27	2466986.40	15275.00	341	50	37.122	161	50	25.444
806	333570.76	2466997.09	15286.25	344	23	15.627	161	50	37.122
807	333567.17	2467009.95	15299.60	350	1	1.332	164	23	15.627

808	333567.10	2467010.34	15300.00	350	5	27.402	170	1	1.332
809	333564.60	2467024.65	15314.53	355	0	15.093	170	5	27.402
810	333563.69	2467035.08	15325.00	355	0	5.139	175	0	15.093
811	333563.57	2467036.45	15326.38	356	36	47.728	175	0	5.139
812	333563.47	2467038.11	15328.04	359	45	29.69	176	36	47.728
813	333563.46	2467039.77	15329.70	2	54	7.45	179	45	29.69
814	333563.55	2467041.43	15331.36	4	31	12.863	182	54	7.45
815	333563.92	2467046.22	15336.16	6	13	16.494	184	31	12.863
816	333564.12	2467048.02	15337.97	9	42	6.212	186	13	16.494
817	333564.43	2467049.80	15339.78	13	9	38.686	189	42	6.212
818	333564.84	2467051.56	15341.59	14	52	26.292	193	9	38.686
819	333566.78	2467058.89	15349.17	21	19	32.796	194	52	26.292
820	333567.08	2467059.66	15350.00	21	17	56.92	201	19	32.796
821	333568.37	2467062.96	15353.54	22	53	58.548	201	17	56.92
822	333569.03	2467064.51	15355.22	26	8	22.678	202	53	58.548
823	333569.77	2467066.03	15356.91	29	19	54.622	206	8	22.678
824	333570.59	2467067.50	15358.60	32	32	57.818	209	19	54.622
825	333571.50	2467068.92	15360.28	34	10	51.954	212	32	57.818
826	333576.30	2467075.98	15368.83	39	4	58.995	214	10	51.954
827	333580.19	2467080.78	15375.00	39	4	54.983	219	4	58.995
828	333583.57	2467084.94	15380.36	40	15	29.557	219	4	54.983
829	333584.37	2467085.88	15381.59	42	35	46.466	220	15	29.557
830	333585.20	2467086.79	15382.83	44	58	1.525	222	35	46.466
831	333586.07	2467087.66	15384.06	46	8	10.034	224	58	1.525
832	333596.80	2467097.96	15398.93	47	34	5.786	226	8	10.034
833	333597.59	2467098.69	15400.00	47	33	13.032	227	34	5.786
834	333603.91	2467104.47	15408.57	49	50	38.102	227	33	13.032
835	333616.47	2467115.06	15425.00	49	50	23.067	229	50	38.102
836	333620.15	2467118.17	15429.82	49	41	8.945	229	50	23.067
837	333632.48	2467128.63	15445.99	55	23	55.65	229	41	8.945
838	333635.78	2467130.91	15450.00	55	23	20.943	235	23	55.65
839	333648.84	2467139.92	15465.86	61	50	52.284	235	23	20.943
840	333656.89	2467144.23	15475.00	61	50	45.651	241	50	52.284
841	333659.74	2467145.75	15478.23	60	27	52.688	241	50	45.651
842	333661.01	2467146.47	15479.68	57	39	41.071	240	27	52.688
843	333662.24	2467147.25	15481.14	54	52	56.876	237	39	41.071
844	333663.43	2467148.09	15482.60	53	29	24.953	234	52	56.876
845	333672.89	2467155.10	15494.37	48	46	5.158	233	29	24.953
846	333677.13	2467158.81	15500.00	48	45	43.358	228	46	5.158
847	333680.94	2467162.15	15505.08	47	30	48.642	228	45	43.358
848	333681.92	2467163.04	15506.40	45	0	0	227	30	48.642
849	333682.85	2467163.98	15507.72	42	25	30.953	225	0	0
850	333683.75	2467164.96	15509.04	41	11	34.328	222	25	30.953
851	333688.35	2467170.21	15516.03	41	15	10.11	221	11	34.328
852	333691.43	2467173.73	15520.70	35	4	10.471	221	15	10.11
853	333693.90	2467177.24	15525.00	35	4	29.529	215	4	10.471
854	333699.04	2467184.57	15533.95	33	30	18.148	215	4	29.529
855	333705.06	2467193.66	15544.86	29	25	2.105	213	30	18.148
856	333707.59	2467198.14	15550.00	29	25	42.572	209	25	2.105
857	333708.80	2467200.29	15552.47	29	47	38.072	209	25	42.572
858	333714.71	2467210.61	15564.36	26	37	39.534	209	47	38.072
859	333719.48	2467220.12	15575.00	26	36	39.064	206	37	39.534
860	333720.73	2467222.62	15577.80	24	53	58.611	206	36	39.064
861	333721.49	2467224.26	15579.60	23	11	13.265	204	53	58.611

862	333728.91	2467241.59	15598.45	19	51	1.377	203	11	13.265
863	333729.44	2467243.04	15600.00	19	52	20.352	199	51	1.377
864	333732.50	2467251.52	15609.01	19	40	32.696	199	52	20.352
865	333737.24	2467264.76	15623.08	21	24	11.458	199	40	32.696
866	333737.94	2467266.55	15625.00	21	24	54.73	201	24	11.458
867	333741.36	2467275.27	15634.37	17	3	45.138	201	24	54.73
868	333745.85	2467289.90	15649.67	16	40	57.579	197	3	45.138
869	333745.94	2467290.22	15650.00	16	44	22.665	196	40	57.579
870	333750.99	2467307.01	15667.53	15	45	13.084	196	44	22.665
871	333753.02	2467314.20	15675.00	15	45	24.223	195	45	13.084
872	333756.41	2467326.20	15687.47	14	40	50.563	195	45	24.223
873	333759.58	2467338.32	15700.00	14	40	48.369	194	40	50.563
874	333762.38	2467348.99	15711.03	14	21	35.499	194	40	48.369
875	333764.69	2467358.02	15720.35	13	48	54.797	194	21	35.499
876	333765.80	2467362.53	15725.00	13	49	12.122	193	48	54.797
877	333768.15	2467372.08	15734.83	13	43	43.7	193	49	12.122
878	333770.86	2467383.19	15746.27	13	18	48.666	193	43	43.7
879	333771.72	2467386.82	15750.00	13	18	37.083	193	18	48.666
880	333775.78	2467403.98	15767.63	13	18	43.879	193	18	37.083
881	333777.48	2467411.15	15775.00	13	18	47.525	193	18	43.879
882	333779.30	2467418.84	15782.90	15	2	27.718	193	18	47.525
883	333782.49	2467430.74	15795.22	14	41	5.845	195	2	27.718
884	333783.71	2467435.36	15800.00	14	40	52.995	194	41	5.845
885	333787.72	2467450.70	15815.85	14	34	15.829	194	40	52.995
886	333790.02	2467459.55	15825.00	14	33	47.022	194	34	15.829
887	333790.35	2467460.80	15826.29	12	46	47.85	194	33	47.022
888	333790.77	2467462.63	15828.17	10	58	39.142	192	46	47.85
889	333793.90	2467478.79	15844.64	9	12	15.075	190	58	39.142
890	333794.76	2467484.09	15850.00	9	12	24.326	189	12	15.075
891	333795.56	2467489.04	15855.01	4	27	43.286	189	12	24.326
892	333797.12	2467508.96	15875.00	4	23	55.339	184	27	43.286
893	333797.13	2467509.19	15875.22	358	27	47.393	184	23	55.339
894	333796.52	2467532.15	15898.19	350	23	30.89	178	27	47.393
895	333796.21	2467533.93	15900.00	350	22	25.293	170	23	30.89
896	333794.75	2467542.54	15908.73	349	42	51.724	170	22	25.293
897	333791.85	2467558.55	15925.00	349	41	42.553	169	42	51.724
898	333791.80	2467558.80	15925.26	348	17	47.648	169	41	42.553
899	333791.50	2467560.28	15926.77	345	23	7.78	168	17	47.648
900	333791.11	2467561.75	15928.28	342	27	46.91	165	23	7.78
901	333790.66	2467563.19	15929.80	341	2	34.297	162	27	46.91
902	333785.77	2467577.43	15944.86	334	50	59.51	161	2	34.297
903	333783.58	2467582.09	15950.00	334	50	18.824	154	50	59.51
904	333778.42	2467593.08	15962.14	335	30	6.611	154	50	18.824
905	333773.09	2467604.78	15975.00	335	31	29.988	155	30	6.611
906	333772.39	2467606.31	15976.68	334	19	32.133	155	31	29.988
907	333771.85	2467607.42	15977.92	331	55	19.422	154	19	32.133
908	333771.27	2467608.51	15979.15	329	36	0.745	151	55	19.422
909	333770.65	2467609.58	15980.39	328	25	14.528	149	36	0.745
910	333763.61	2467621.03	15993.83	325	47	49.932	148	25	14.528
911	333760.14	2467626.13	16000.00	325	48	4.021	145	47	49.932
912	333750.45	2467640.39	16017.24	322	12	47.095	145	48	4.021
913	333745.70	2467646.52	16025.00	322	12	44.611	142	12	47.095
914	333730.86	2467665.66	16049.21	319	25	49.015	142	12	44.611
915	333730.35	2467666.26	16050.00	319	26	0.628	139	25	49.015

916	333714.09	2467685.25	16075.00	319	28	29.628	139	26	0.628
917	333713.72	2467685.68	16075.57	316	36	29.477	139	28	29.628
918	333704.20	2467695.75	16089.43	318	22	41.385	136	36	29.477
919	333697.18	2467703.65	16100.00	318	23	14.859	138	22	41.385
920	333694.92	2467706.19	16103.40	316	57	10.183	138	23	14.859
921	333680.17	2467721.98	16125.00	316	56	49.684	136	57	10.183
922	333675.03	2467727.49	16132.53	315	30	37.128	136	56	49.684
923	333662.79	2467739.95	16150.00	315	30	46.848	135	30	37.128
924	333660.36	2467742.42	16153.48	317	1	18.27	135	30	46.848
925	333651.73	2467751.68	16166.12	320	39	31.778	137	1	18.27
926	333646.11	2467758.54	16175.00	320	39	20.957	140	39	31.778
927	333636.17	2467770.67	16190.68	322	41	50.814	140	39	20.957
928	333630.52	2467778.08	16200.00	322	41	57.205	142	41	50.814
929	333625.96	2467784.07	16207.53	322	21	44.441	142	41	57.205
930	333618.17	2467794.16	16220.27	325	53	59.177	142	21	44.441
931	333615.52	2467798.08	16225.00	325	54	28.163	145	53	59.177
932	333605.44	2467812.97	16242.98	329	16	22.285	145	54	28.163
933	333601.86	2467819.00	16250.00	329	16	36.662	149	16	22.285
934	333596.02	2467828.83	16261.44	330	56	40.471	149	16	36.662
935	333589.43	2467840.69	16275.00	330	56	51.509	150	56	40.471
936	333579.80	2467858.02	16294.83	335	30	20.288	150	56	51.509
937	333577.65	2467862.73	16300.00	335	30	20.814	155	30	20.288
938	333567.29	2467885.48	16325.00	335	30	40.854	155	30	20.814
939	333561.97	2467897.16	16337.84	337	14	17.136	155	30	40.854
940	333557.26	2467908.38	16350.00	337	13	35.579	157	14	17.136
941	333556.03	2467911.32	16353.19	341	0	25.748	157	13	35.579
942	333550.26	2467928.08	16370.92	337	29	59.969	161	0	25.748
943	333548.70	2467931.85	16375.00	337	29	14.208	157	29	59.969
944	333545.48	2467939.61	16383.39	342	37	55.135	157	29	14.208
945	333540.53	2467955.46	16400.00	342	41	9.522	162	37	55.135
946	333540.35	2467956.03	16400.60	343	58	30.037	162	41	9.522
947	333537.40	2467966.29	16411.28	344	38	24.552	163	58	30.037
948	333533.76	2467979.53	16425.00	344	38	34.598	164	38	24.552
949	333529.29	2467995.83	16441.91	346	18	32.328	164	38	34.598
950	333527.37	2468003.69	16450.00	346	18	25.796	166	18	32.328
951	333523.55	2468019.38	16466.15	346	15	9.201	166	18	25.796
952	333521.45	2468027.98	16475.00	346	14	54.046	166	15	9.201
953	333515.50	2468052.26	16500.00	346	14	33.07	166	14	54.046
954	333513.95	2468058.61	16506.53	346	34	18.186	166	14	33.07
955	333509.66	2468076.57	16525.00	346	34	6.65	166	34	18.186
956	333506.70	2468088.95	16537.73	346	7	36.637	166	34	6.65
957	333503.76	2468100.86	16550.00	346	7	46.937	166	7	36.637
958	333499.71	2468117.29	16566.92	345	58	14.273	166	7	46.937
959	333497.75	2468125.13	16575.00	345	58	40.386	165	58	14.273
960	333493.22	2468143.26	16593.69	344	31	1.883	165	58	40.386
961	333491.53	2468149.34	16600.00	344	31	19.727	164	31	1.883
962	333486.33	2468168.13	16619.49	342	13	35.014	164	31	19.727
963	333484.65	2468173.37	16625.00	342	14	0.928	162	13	35.014
964	333479.87	2468188.29	16640.67	340	56	31.125	162	14	0.928
965	333476.82	2468197.11	16650.00	340	56	26.561	160	56	31.125
966	333471.95	2468211.21	16664.92	338	32	29.393	160	56	26.561
967	333468.26	2468220.60	16675.00	338	32	5.382	158	32	29.393
968	333460.75	2468239.71	16695.54	335	1	10.393	158	32	5.382
969	333458.86	2468243.76	16700.00	335	1	25.724	155	1	10.393

970	333448.31	2468266.42	16725.00	335	1	10.113	155	1	25.724
971	333447.26	2468268.66	16727.48	333	52	51.85	155	1	10.113
972	333446.73	2468269.74	16728.68	331	35	11.953	153	52	51.85
973	333446.16	2468270.81	16729.89	329	14	52.68	151	35	11.953
974	333445.54	2468271.84	16731.09	328	6	38.09	149	14	52.68
975	333435.55	2468287.90	16750.00	328	6	39.166	148	6	38.09
976	333423.93	2468306.57	16771.99	323	8	15.805	148	6	39.166
977	333422.13	2468308.97	16775.00	323	7	50.062	143	8	15.805
978	333407.51	2468328.46	16799.36	316	46	12.601	143	7	50.062
979	333407.08	2468328.93	16800.00	316	47	39.167	136	46	12.601
980	333389.96	2468347.15	16825.00	316	47	24.449	136	47	39.167
981	333381.87	2468355.76	16836.82	314	22	5.008	136	47	24.449
982	333374.54	2468362.94	16847.07	317	26	16.172	134	22	5.008
983	333372.56	2468365.09	16850.00	317	25	31.237	137	26	16.172
984	333363.43	2468375.02	16863.48	315	30	30.488	137	25	31.237
985	333362.04	2468376.44	16865.48	311	44	36.379	135	30	30.488
986	333360.55	2468377.77	16867.47	307	54	18.903	131	44	36.379
987	333358.98	2468378.99	16869.46	306	0	41.056	127	54	18.903
988	333354.50	2468382.25	16875.00	306	0	40.919	126	0	41.056
989	333334.28	2468396.95	16900.00	306	0	39.317	126	0	40.919
990	333328.89	2468400.86	16906.66	302	5	10.019	126	0	39.317
991	333316.08	2468408.89	16921.78	297	37	51.493	122	5	10.019
992	333313.23	2468410.39	16925.00	297	37	18.505	117	37	51.493
993	333291.08	2468421.98	16950.00	297	35	44.077	117	37	18.505
994	333290.48	2468422.29	16950.67	294	32	41.242	117	35	44.077
995	333276.32	2468428.76	16966.24	289	54	55.854	114	32	41.242
996	333268.08	2468431.74	16975.00	289	55	7.281	109	54	55.854
997	333261.65	2468434.07	16981.84	285	34	38.431	109	55	7.281
998	333245.67	2468438.53	16998.43	280	10	38.48	105	34	38.431
999	333244.13	2468438.80	17000.00	280	10	13.333	100	10	38.48
1000	333223.08	2468442.58	17021.38	278	54	13.74	100	10	13.333
1001	333221.80	2468442.78	17022.68	276	27	7.927	98	54	13.74
1002	333220.51	2468442.93	17023.98	273	58	54.527	96	27	7.927
1003	333219.49	2468443.00	17025.00	273	56	17.022	93	58	54.527
1004	333219.21	2468443.02	17025.28	272	43	34.72	93	56	17.022
1005	333194.52	2468444.19	17050.00	272	42	42.698	92	43	34.72
1006	333192.07	2468444.31	17052.45	266	31	45.797	92	42	42.698
1007	333169.56	2468442.94	17075.00	266	31	50.709	86	31	45.797
1008	333162.76	2468442.53	17081.81	264	36	56.369	86	31	50.709
1009	333144.65	2468440.82	17100.00	264	30	59.074	84	36	56.369
1010	333144.28	2468440.79	17100.38	260	35	47.723	84	30	59.074
1011	333119.99	2468436.77	17125.00	260	36	6.924	80	35	47.723
1012	333117.53	2468436.36	17127.49	260	25	48.457	80	36	6.924
1013	333095.33	2468432.62	17150.00	260	25	56.093	80	25	48.457
1014	333091.81	2468432.02	17153.58	259	48	10.898	80	25	56.093
1015	333070.72	2468428.23	17175.00	259	48	13.326	79	48	10.898
1016	333057.85	2468425.91	17188.08	262	44	18.544	79	48	13.326
1017	333046.02	2468424.41	17200.00	262	44	37.374	82	44	18.544
1018	333040.38	2468423.69	17205.68	266	57	38.485	82	44	37.374
1019	333023.49	2468422.79	17222.60	269	34	11.753	86	57	38.485
1020	333021.09	2468422.77	17225.00	269	33	42.847	89	34	11.753
1021	333010.37	2468422.69	17235.72	270	34	43.412	89	33	42.847
1022	333009.28	2468422.70	17236.81	272	40	52.732	90	34	43.412
1023	333008.19	2468422.75	17237.90	274	47	23.417	92	40	52.732

1024	333007.10	2468422.85	17238.99	275	48	13.789	94	47	23.417
1025	332996.15	2468423.96	17250.00	275	48	16.112	95	48	13.789
1026	332989.75	2468424.61	17256.44	281	6	12.679	95	48	16.112
1027	332971.53	2468428.18	17275.00	281	5	56.969	101	6	12.679
1028	332963.37	2468429.79	17283.32	287	19	2.467	101	5	56.969
1029	332947.45	2468434.75	17300.00	287	19	6.829	107	19	2.467
1030	332936.96	2468438.02	17310.99	288	36	33.639	107	19	6.829
1031	332935.68	2468438.45	17312.34	291	10	17.273	108	36	33.639
1032	332934.42	2468438.94	17313.69	292	28	19.814	111	10	17.273
1033	332923.97	2468443.26	17325.00	292	28	33.974	112	28	19.814
1034	332907.25	2468450.18	17343.09	296	54	21.936	112	28	33.974
1035	332901.09	2468453.31	17350.00	296	54	4.936	116	54	21.936
1036	332887.84	2468460.03	17364.86	299	1	25.962	116	54	4.936
1037	332878.97	2468464.95	17375.00	299	1	15.821	119	1	25.962
1038	332860.54	2468475.17	17396.07	301	30	22.577	119	1	15.821
1039	332857.19	2468477.23	17400.00	301	30	8.099	121	30	22.577
1040	332835.88	2468490.29	17425.00	301	29	53.008	121	30	8.099
1041	332833.71	2468491.62	17427.54	305	40	34.667	121	29	53.008
1042	332816.38	2468504.06	17448.87	309	23	22.017	125	40	34.667
1043	332815.51	2468504.77	17450.00	309	24	0.101	129	23	22.017
1044	332796.19	2468520.64	17475.00	309	23	58.132	129	24	0.101
1045	332791.02	2468524.90	17481.70	314	33	33.808	129	23	58.132
1046	332777.98	2468537.73	17500.00	314	33	37.981	134	33	33.808
1047	332770.16	2468545.43	17510.97	316	58	32.629	134	33	37.981
1048	332760.59	2468555.69	17525.00	316	58	38.949	136	58	32.629
1049	332753.12	2468563.69	17535.94	320	17	25.632	136	58	38.949
1050	332744.14	2468574.50	17550.00	320	17	43.2	140	17	25.632
1051	332739.96	2468579.54	17556.54	320	38	13.939	140	17	43.2
1052	332728.26	2468593.81	17575.00	320	40	16.035	140	38	13.939
1053	332727.54	2468594.68	17576.12	321	52	56.119	140	40	16.035
1054	332726.74	2468595.70	17577.43	324	23	45.266	141	52	56.119
1055	332725.98	2468596.76	17578.73	326	51	29.732	144	23	45.266
1056	332725.27	2468597.85	17580.04	328	6	37.416	146	51	29.732
1057	332716.59	2468611.79	17596.45	326	56	46.777	148	6	37.416
1058	332714.66	2468614.77	17600.00	326	57	9.334	146	56	46.777
1059	332701.03	2468635.72	17625.00	326	57	59.433	146	57	9.334
1060	332698.85	2468639.07	17628.99	328	15	7.894	146	57	59.433
1061	332698.12	2468640.25	17630.39	330	57	55.45	148	15	7.894
1062	332697.44	2468641.47	17631.78	333	34	56.229	150	57	55.45
1063	332696.82	2468642.71	17633.17	334	55	31.174	153	34	56.229
1064	332689.69	2468657.96	17650.00	334	55	19.431	154	55	31.174
1065	332686.88	2468663.97	17656.64	336	31	16.366	154	55	19.431
1066	332679.56	2468680.82	17675.00	336	31	3.624	156	31	16.366
1067	332670.76	2468701.07	17697.09	340	33	4.455	156	31	3.624
1068	332669.79	2468703.82	17700.00	340	32	37.751	160	33	4.455
1069	332661.46	2468727.39	17725.00	340	31	47.889	160	32	37.751
1070	332660.79	2468729.29	17727.01	342	29	17.041	160	31	47.889
1071	332653.87	2468751.21	17750.00	342	29	19.972	162	29	17.041
1072	332647.35	2468771.90	17771.69	339	28	56.949	162	29	19.972
1073	332646.19	2468775.00	17775.00	339	29	28.189	159	28	56.949
1074	332637.43	2468798.41	17800.00	339	29	16.163	159	29	28.189
1075	332634.96	2468805.00	17807.03	332	3	20.676	159	29	16.163
1076	332627.03	2468819.95	17823.96	328	46	53.75	152	3	20.676
1077	332626.49	2468820.84	17825.00	328	44	37.983	148	46	53.75

1078	332620.06	2468831.44	17837.40	327	12	27.712	148	44	37.983
1079	332619.18	2468832.81	17839.03	324	4	24.827	147	12	27.712
1080	332618.22	2468834.13	17840.66	320	58	58.643	144	4	24.827
1081	332617.20	2468835.40	17842.29	319	24	59.15	140	58	58.643
1082	332612.18	2468841.25	17850.00	319	24	46.801	139	24	59.15
1083	332608.50	2468845.55	17855.65	312	29	50.878	139	24	46.801
1084	332594.51	2468858.37	17874.63	303	15	31.074	132	29	50.878
1085	332594.20	2468858.57	17875.00	303	19	25.955	123	15	31.074
1086	332575.13	2468871.11	17897.83	297	5	43.989	123	19	25.955
1087	332573.19	2468872.10	17900.00	297	4	40.151	117	5	43.989
1088	332558.24	2468879.74	17916.79	292	48	16.346	117	4	40.151
1089	332550.67	2468882.93	17925.00	292	48	21.971	112	48	16.346
1090	332532.26	2468890.67	17944.97	288	43	36.788	112	48	21.971
1091	332527.50	2468892.28	17950.00	288	43	16.414	108	43	36.788
1092	332503.82	2468900.31	17975.00	288	43	31.007	108	43	16.414
1093	332493.54	2468903.79	17985.86	286	50	45.396	108	43	31.007
1094	332480.00	2468907.89	18000.00	286	50	20.301	106	50	45.396
1095	332476.32	2468909.00	18003.85	282	33	30.541	106	50	20.301
1096	332455.68	2468913.60	18025.00	282	33	23.085	102	33	30.541
1097	332447.98	2468915.32	18032.88	281	21	17.385	102	33	23.085
1098	332433.75	2468918.17	18047.40	278	23	17.836	101	21	17.385
1099	332431.18	2468918.55	18050.00	278	22	36.324	98	23	17.836
1100	332406.44	2468922.20	18075.00	278	22	35.071	98	22	36.324
1101	332391.08	2468924.46	18090.53	277	10	53.777	98	22	35.071
1102	332389.83	2468924.62	18091.78	274	47	38.18	97	10	53.777
1103	332388.58	2468924.72	18093.04	273	35	0.686	94	47	38.18
1104	332381.64	2468925.16	18100.00	273	34	46.379	93	35	0.686
1105	332370.54	2468925.85	18111.12	273	55	9.147	93	34	46.379
1106	332356.69	2468926.80	18125.00	273	55	2.764	93	55	9.147
1107	332331.75	2468928.51	18150.00	273	55	51.166	93	55	2.764
1108	332329.27	2468928.68	18152.48	272	28	43.799	93	55	51.166
1109	332306.78	2468929.65	18175.00	272	28	48.023	92	28	43.799
1110	332291.93	2468930.29	18189.86	269	26	46.576	92	28	48.023
1111	332281.79	2468930.20	18200.00	269	26	48.257	89	26	46.576
1112	332262.63	2468930.01	18219.16	268	45	14.386	89	26	48.257
1113	332256.79	2468929.88	18225.00	268	45	3.06	88	45	14.386
1114	332231.80	2468929.34	18250.00	268	45	6.573	88	45	3.06
1115	332220.28	2468929.09	18261.52	266	11	2.205	88	45	6.573
1116	332206.83	2468928.19	18275.00	266	11	0.549	86	11	2.205
1117	332181.89	2468926.53	18300.00	266	11	1.098	86	11	0.549
1118	332156.94	2468924.86	18325.00	266	10	56.986	86	11	1.098
1119	332149.18	2468924.34	18332.78	261	5	12.76	86	10	56.986
1120	332132.17	2468921.68	18350.00	261	5	16.012	81	5	12.76
1121	332107.47	2468917.80	18375.00	261	5	6.263	81	5	16.012
1122	332098.19	2468916.35	18384.40	257	1	24.769	81	5	6.263
1123	332082.98	2468912.84	18400.00	257	1	13.8	77	1	24.769
1124	332058.62	2468907.23	18425.00	257	1	16.373	77	1	13.8
1125	332038.00	2468902.48	18446.16	254	0	49.069	77	1	16.373
1126	332034.31	2468901.42	18450.00	254	0	42.445	74	0	49.069
1127	332010.28	2468894.53	18475.00	254	0	46.922	74	0	42.445
1128	331988.62	2468888.33	18497.53	251	19	22.76	74	0	46.922
1129	331986.28	2468887.54	18500.00	251	19	4.499	71	19	22.76
1130	331962.59	2468879.53	18525.00	251	19	9.706	71	19	4.499
1131	331955.05	2468876.98	18532.96	251	0	4.913	71	19	9.706

1132	331938.94	2468871.43	18550.00	251	0	1.686	71	0	4.913
1133	331915.30	2468863.29	18575.00	250	59	44.415	71	0	1.686
1134	331903.27	2468859.15	18587.73	251	34	52.657	70	59	44.415
1135	331891.63	2468855.27	18600.00	251	34	43.756	71	34	52.657
1136	331867.91	2468847.37	18625.00	251	34	58.986	71	34	43.756
1137	331863.13	2468845.78	18630.03	253	58	32.792	71	34	58.986
1138	331843.94	2468840.27	18650.00	253	58	59.419	73	58	32.792
1139	331842.88	2468839.96	18651.10	256	26	34.463	73	58	59.419
1140	331819.65	2468834.36	18675.00	256	26	27.735	76	26	34.463
1141	331803.37	2468830.44	18691.74	257	28	54.22	76	26	27.735
1142	331795.31	2468828.65	18700.00	257	28	43.14	77	28	54.22
1143	331770.91	2468823.23	18725.00	257	28	44.009	77	28	43.14
1144	331763.82	2468821.65	18732.26	260	16	52.158	77	28	44.009
1145	331746.33	2468818.66	18750.00	260	17	2.062	80	16	52.158
1146	331731.52	2468816.12	18765.03	263	38	47.318	80	17	2.062
1147	331721.61	2468815.02	18775.00	263	39	0.687	83	38	47.318
1148	331696.76	2468812.25	18800.00	263	39	4.429	83	39	0.687
1149	331679.90	2468810.38	18816.97	264	33	29.937	83	39	4.429
1150	331671.90	2468809.62	18825.00	264	33	19.942	84	33	29.937
1151	331647.02	2468807.24	18850.00	264	33	23.161	84	33	19.942
1152	331626.95	2468805.33	18870.16	265	28	40.604	84	33	23.161
1153	331622.12	2468804.95	18875.00	265	28	16.396	85	28	40.604
1154	331597.20	2468802.98	18900.00	265	28	15.16	85	28	16.396
1155	331580.17	2468801.63	18917.08	267	6	13.029	85	28	15.16
1156	331572.27	2468801.23	18925.00	267	6	3.639	87	6	13.029
1157	331552.97	2468800.25	18944.32	268	31	27.234	87	6	3.639
1158	331551.50	2468800.21	18945.79	271	19	13.737	88	31	27.234
1159	331550.02	2468800.25	18947.27	272	44	53.721	91	19	13.737
1160	331547.29	2468800.38	18950.00	272	44	15.142	92	44	53.721
1161	331522.32	2468801.57	18975.00	272	44	11.939	92	44	15.142
1162	331503.89	2468802.45	18993.45	273	26	58.927	92	44	11.939
1163	331497.36	2468802.85	19000.00	273	26	39.777	93	26	58.927
1164	331472.40	2468804.35	19025.00	273	26	39.777	93	26	39.777
1165	331447.45	2468805.85	19050.00	273	26	39.761	93	26	39.777
1166	331429.39	2468806.94	19068.09	272	35	50.24	93	26	39.761
1167	331422.49	2468807.25	19075.00	272	35	34.383	92	35	50.24
1168	331397.51	2468808.38	19100.00	272	35	44.69	92	35	34.383
1169	331383.02	2468809.04	19114.51	273	26	12.058	92	35	44.69
1170	331372.54	2468809.67	19125.00	273	26	17.231	93	26	12.058
1171	331353.47	2468810.81	19144.11	275	4	28.76	93	26	17.231
1172	331347.60	2468811.33	19150.00	275	4	42.388	95	4	28.76
1173	331322.70	2468813.55	19175.00	275	4	34.839	95	4	42.388
1174	331307.60	2468814.89	19190.16	273	55	52.94	95	4	34.839
1175	331297.78	2468815.56	19200.00	273	56	0.947	93	55	52.94
1176	331272.84	2468817.28	19225.00	273	55	52.716	93	56	0.947
1177	331247.90	2468818.99	19250.00	273	55	41.906	93	55	52.716
1178	331246.27	2468819.10	19251.64	271	55	31.18	93	55	41.906
1179	331222.92	2468819.89	19275.00	271	55	23.383	91	55	31.18
1180	331204.13	2468820.52	19293.80	268	51	12.592	91	55	23.383
1181	331197.93	2468820.40	19300.00	268	51	12.806	88	51	12.592
1182	331174.34	2468819.92	19323.59	266	8	4.34	88	51	12.806
1183	331172.94	2468819.83	19325.00	266	9	54.691	86	8	4.34
1184	331147.99	2468818.16	19350.00	266	9	52.03	86	9	54.691
1185	331135.42	2468817.31	19362.60	264	55	44.994	86	9	52.03

1186	331134.12	2468817.20	19363.90	262	24	40.215	84	55	44.994
1187	331132.83	2468817.03	19365.21	261	11	26.46	82	24	40.215
1188	331123.15	2468815.53	19375.00	261	11	40.516	81	11	26.46
1189	331103.17	2468812.43	19395.22	257	20	19.012	81	11	40.516
1190	331098.51	2468811.38	19400.00	257	20	42.582	77	20	19.012
1191	331074.12	2468805.91	19425.00	257	20	46.314	77	20	42.582
1192	331067.86	2468804.50	19431.41	251	28	20.792	77	20	46.314
1193	331050.23	2468798.60	19450.00	251	28	20.596	71	28	20.792
1194	331040.41	2468795.30	19460.36	246	19	3.805	71	28	20.596
1195	331027.00	2468789.42	19475.00	246	18	54.042	66	19	3.805
1196	331010.15	2468782.03	19493.41	238	55	49.588	66	18	54.042
1197	331004.50	2468778.63	19500.00	238	56	9.664	58	55	49.588
1198	330983.09	2468765.73	19525.00	238	56	18.224	58	56	9.664
1199	330979.39	2468763.50	19529.32	232	14	44.79	58	56	18.224
1200	330963.03	2468750.84	19550.00	232	14	46.612	52	14	44.79
1201	330948.16	2468739.32	19568.82	228	5	33.519	52	14	46.612
1202	330943.56	2468735.18	19575.00	228	5	31.209	48	5	33.519
1203	330924.95	2468718.49	19600.00	228	5	29.048	48	5	31.209
1204	330912.69	2468707.49	19616.47	224	14	41.873	48	5	29.048
1205	330906.74	2468701.37	19625.00	224	14	41.234	44	14	41.873
1206	330889.30	2468683.47	19650.00	224	14	13.658	44	14	41.234
1207	330884.89	2468678.94	19656.32	219	20	12.006	44	14	13.658
1208	330873.05	2468664.49	19675.00	219	20	5.572	39	20	12.006
1209	330857.20	2468645.15	19700.00	219	19	46.334	39	20	5.572
1210	330855.48	2468643.06	19702.71	218	5	5.605	39	19	46.334
1211	330841.74	2468625.51	19725.00	218	5	1.644	38	5	5.605
1212	330833.44	2468614.92	19738.45	214	23	55.975	38	5	1.644
1213	330826.91	2468605.40	19750.00	214	24	4.858	34	23	55.975
1214	330812.79	2468584.77	19775.00	214	23	58.05	34	24	4.858
1215	330798.67	2468564.14	19800.00	214	24	27.434	34	23	58.05
1216	330797.38	2468562.26	19802.28	213	46	6.266	34	24	27.434
1217	330784.75	2468543.37	19825.00	213	46	11.884	33	46	6.266
1218	330776.35	2468530.81	19840.12	211	18	42.07	33	46	11.884
1219	330771.21	2468522.36	19850.00	211	18	37.234	31	18	42.07
1220	330763.86	2468510.28	19864.15	208	10	6.425	31	18	37.234
1221	330758.73	2468500.71	19875.00	208	10	21.543	28	10	6.425
1222	330753.14	2468490.27	19886.84	209	24	49.472	28	10	21.543
1223	330746.68	2468478.81	19900.00	209	24	43.451	29	24	49.472
1224	330737.00	2468461.64	19919.71	207	27	4.94	29	24	43.451
1225	330734.56	2468456.94	19925.00	207	26	41.661	27	27	4.94
1226	330728.82	2468445.88	19937.46	206	3	21.781	27	26	41.661
1227	330723.31	2468434.62	19950.00	206	3	27.737	26	3	21.781
1228	330712.33	2468412.16	19975.00	206	3	34.173	26	3	27.737
1229	330705.96	2468399.14	19989.50	207	28	3.563	26	3	34.173
1230	330701.12	2468389.82	20000.00	207	27	57.725	27	28	3.563
1231	330693.30	2468374.78	20016.95	210	8	31.847	27	27	57.725
1232	330689.26	2468367.82	20025.00	210	8	13.693	30	8	31.847
1233	330686.05	2468362.29	20031.40	213	43	9.1	30	8	13.693
1234	330677.26	2468349.13	20047.22	219	7	22.153	33	43	9.1
1235	330675.51	2468346.97	20050.00	219	8	17.362	39	7	22.153
1236	330666.56	2468335.97	20064.18	222	7	10.048	39	8	17.362
1237	330659.30	2468327.94	20075.00	222	6	52.867	42	7	10.048
1238	330650.83	2468318.58	20087.63	223	35	56.486	42	6	52.867
1239	330649.75	2468317.45	20089.19	226	36	30.334	43	35	56.486

1240	330648.62	2468316.37	20090.75	229	34	11.224	46	36	30.334
1241	330647.43	2468315.36	20092.31	231	3	47.116	49	34	11.224
1242	330641.45	2468310.53	20100.00	231	3	45.734	51	3	47.116
1243	330630.24	2468301.47	20114.41	232	15	15.871	51	3	45.734
1244	330629.29	2468300.73	20115.62	234	30	3.795	52	15	15.871
1245	330628.31	2468300.03	20116.82	236	49	28.385	54	30	3.795
1246	330627.30	2468299.38	20118.03	237	58	0.296	56	49	28.385
1247	330621.39	2468295.68	20125.00	237	57	49.912	57	58	0.296
1248	330605.32	2468285.62	20143.96	244	28	27.344	57	57	49.912
1249	330599.87	2468283.02	20150.00	244	28	24.203	64	28	27.344
1250	330580.47	2468273.75	20171.49	250	19	11.277	64	28	24.203
1251	330577.17	2468272.57	20175.00	250	19	14.105	70	19	11.277
1252	330553.63	2468264.15	20200.00	250	19	5.675	70	19	14.105
1253	330542.59	2468260.20	20211.73	254	14	5.533	70	19	5.675
1254	330529.81	2468256.60	20225.00	254	13	53.899	74	14	5.533
1255	330514.45	2468252.26	20240.96	257	57	6.2	74	13	53.899
1256	330505.61	2468250.37	20250.00	257	57	0.801	77	57	6.2
1257	330481.16	2468245.16	20275.00	257	56	56.099	77	57	0.801
1258	330464.68	2468241.64	20291.86	259	42	41.474	77	56	56.099
1259	330456.67	2468240.18	20300.00	259	42	26.822	79	42	41.474
1260	330435.34	2468236.31	20321.67	262	51	20.771	79	42	26.822
1261	330432.04	2468235.90	20325.00	262	50	41.468	82	51	20.771
1262	330407.23	2468232.78	20350.00	262	50	58.442	82	50	41.468
1263	330394.47	2468231.18	20362.86	264	59	40.115	82	50	58.442
1264	330382.38	2468230.12	20375.00	264	59	42.782	84	59	40.115
1265	330357.48	2468227.94	20400.00	264	59	51.996	84	59	42.782
1266	330336.32	2468226.09	20421.24	265	10	45.901	84	59	51.996
1267	330332.57	2468225.77	20425.00	265	10	36.426	85	10	45.901
1268	330307.66	2468223.67	20450.00	265	10	37.12	85	10	36.426
1269	330282.75	2468221.57	20475.00	265	10	32.191	85	10	37.12
1270	330269.32	2468220.44	20488.47	263	49	47.85	85	10	32.191
1271	330257.86	2468219.20	20500.00	263	49	47.591	83	49	47.85
1272	330233.01	2468216.51	20525.00	263	50	39.456	83	49	47.591
1273	330228.88	2468216.06	20529.15	260	2	16.888	83	50	39.456
1274	330208.35	2468212.46	20550.00	260	2	9.292	80	2	16.888
1275	330192.33	2468209.64	20566.26	259	36	55.582	80	2	9.292
1276	330183.73	2468208.07	20575.00	259	36	58.434	79	36	55.582
1277	330166.49	2468204.91	20592.53	255	54	35.25	79	36	58.434
1278	330159.25	2468203.09	20600.00	255	54	27.411	75	54	35.25
1279	330135.00	2468197.00	20625.00	255	54	20.321	75	54	27.411
1280	330118.07	2468192.75	20642.46	254	31	29.652	75	54	20.321
1281	330116.68	2468192.37	20643.90	251	47	29.456	74	31	29.652
1282	330115.31	2468191.92	20645.34	249	2	2.187	71	47	29.456
1283	330113.97	2468191.40	20646.78	247	39	27.185	69	2	2.187
1284	330110.99	2468190.18	20650.00	247	39	33.772	67	39	27.185
1285	330087.86	2468180.67	20675.00	247	39	19.297	67	39	33.772
1286	330085.51	2468179.71	20677.55	242	18	34.839	67	39	19.297
1287	330065.62	2468169.27	20700.00	242	18	23.962	62	18	34.839
1288	330055.73	2468164.08	20711.17	236	51	29.424	62	18	23.962
1289	330044.15	2468156.52	20725.00	236	51	30.95	56	51	29.424
1290	330040.78	2468154.32	20729.03	230	55	37.957	56	51	30.95
1291	330024.50	2468141.10	20750.00	230	55	32.105	50	55	37.957
1292	330017.73	2468135.60	20758.72	229	32	23.607	50	55	32.105
1293	330015.89	2468134.03	20761.14	226	46	23.496	49	32	23.607

1294	330014.12	2468132.37	20763.56	223	58	44.621	46	46	23.496
1295	330012.44	2468130.63	20765.98	222	35	59.421	43	58	44.621
1296	330006.34	2468123.99	20775.00	222	36	9.071	42	35	59.421
1297	329989.42	2468105.59	20800.00	222	34	40.509	42	36	9.071
1298	329988.82	2468104.94	20800.89	216	48	41.199	42	34	40.509
1299	329974.37	2468085.63	20825.00	216	47	41.96	36	48	41.199
1300	329972.90	2468083.67	20827.45	216	5	49.358	36	47	41.96
1301	329959.62	2468065.45	20850.00	216	2	26.258	36	5	49.358
1302	329959.05	2468064.68	20850.95	214	27	2.605	36	2	26.258
1303	329945.45	2468044.85	20875.00	214	27	2.964	34	27	2.605
1304	329937.06	2468032.62	20889.83	212	0	12.929	34	27	2.964
1305	329931.67	2468024.00	20900.00	212	0	31.035	32	0	12.929
1306	329920.74	2468006.50	20920.63	211	4	58.954	32	0	31.035
1307	329918.48	2468002.76	20925.00	211	5	15.991	31	4	58.954
1308	329907.44	2467984.44	20946.39	210	54	4.033	31	5	15.991
1309	329905.58	2467981.35	20950.00	210	53	16.799	30	54	4.033
1310	329897.86	2467968.43	20965.05	209	58	21.456	30	53	16.799
1311	329892.89	2467959.81	20975.00	209	58	6.302	29	58	21.456
1312	329881.42	2467939.93	20997.95	208	41	43.518	29	58	6.302
1313	329880.44	2467938.13	21000.00	208	41	13.545	28	41	43.518
1314	329868.44	2467916.20	21025.00	208	40	35.472	28	41	13.545
1315	329867.21	2467913.95	21027.56	208	34	35.137	28	40	35.472
1316	329856.47	2467894.25	21050.00	208	34	49.389	28	34	35.137
1317	329854.80	2467891.18	21053.50	210	48	31.826	28	34	49.389
1318	329843.79	2467872.71	21075.00	210	48	31.701	30	48	31.826
1319	329834.30	2467856.81	21093.52	208	29	10.744	30	48	31.701
1320	329831.21	2467851.11	21100.00	208	29	13.841	28	29	10.744
1321	329820.67	2467831.68	21122.11	205	57	46.746	28	29	13.841
1322	329819.40	2467829.08	21125.00	205	57	22.394	25	57	46.746
1323	329808.46	2467806.60	21150.00	205	57	29.905	25	57	22.394
1324	329803.97	2467797.37	21160.26	205	22	20.099	25	57	29.905
1325	329797.65	2467784.05	21175.00	205	22	12.551	25	22	20.099
1326	329790.35	2467768.65	21192.05	206	6	26.792	25	22	12.551
1327	329786.85	2467761.51	21200.00	206	6	18.233	26	6	26.792
1328	329779.32	2467746.15	21217.10	209	47	17.046	26	6	18.233
1329	329775.40	2467739.30	21225.00	209	47	28.193	29	47	17.046
1330	329766.40	2467723.57	21243.12	210	50	43.154	29	47	28.193
1331	329765.84	2467722.65	21244.20	212	51	57.371	30	50	43.154
1332	329765.26	2467721.74	21245.28	214	57	25.941	32	51	57.371
1333	329764.64	2467720.86	21246.36	215	58	2.12	34	57	25.941
1334	329762.50	2467717.91	21250.00	215	58	24.344	35	58	2.12
1335	329751.54	2467702.80	21268.66	217	49	15.826	35	58	24.344
1336	329747.65	2467697.80	21275.00	217	49	3.827	37	49	15.826
1337	329737.70	2467684.97	21291.24	223	50	5.362	37	49	3.827
1338	329731.63	2467678.65	21300.00	223	49	57.779	43	50	5.362
1339	329726.07	2467672.87	21308.02	230	15	57.294	43	49	57.779
1340	329718.42	2467666.50	21317.97	232	3	37.123	50	15	57.294
1341	329716.95	2467665.36	21319.84	235	34	36.988	52	3	37.123
1342	329715.41	2467664.30	21321.70	239	11	1.792	55	34	36.988
1343	329713.81	2467663.35	21323.57	242	44	17.574	59	11	1.792
1344	329712.53	2467662.69	21325.00	242	46	49.83	62	44	17.574
1345	329712.15	2467662.49	21325.43	244	30	35.296	62	46	49.83
1346	329702.88	2467658.07	21335.71	246	14	49.267	64	30	35.296
1347	329701.22	2467657.34	21337.51	249	40	40.676	66	14	49.267

1348	329699.53	2467656.72	21339.32	253	7	16.845	69	40	40.676
1349	329697.80	2467656.19	21341.12	256	34	46.445	73	7	16.845
1350	329696.05	2467655.77	21342.93	258	18	43.194	76	34	46.445
1351	329689.12	2467654.34	21350.00	258	18	28.26	78	18	43.194
1352	329687.08	2467653.92	21352.09	260	6	0.439	78	18	28.26
1353	329685.23	2467653.60	21353.96	263	39	10.98	80	6	0.439
1354	329683.37	2467653.39	21355.83	267	14	40.471	83	39	10.98
1355	329681.50	2467653.30	21357.71	270	49	33.179	87	14	40.471
1356	329679.63	2467653.33	21359.58	274	24	37.581	90	49	33.179
1357	329677.76	2467653.47	21361.45	276	11	38.527	94	24	37.581
1358	329664.29	2467654.93	21375.00	276	11	23.076	96	11	38.527
1359	329652.79	2467656.18	21386.57	289	53	1.065	96	11	23.076
1360	329640.16	2467660.75	21400.00	289	53	2.792	109	53	1.065
1361	329618.72	2467668.50	21422.80	294	38	53.374	109	53	2.792
1362	329616.72	2467669.42	21425.00	294	38	34.524	114	38	53.374
1363	329594.00	2467679.85	21450.00	294	38	41.19	114	38	34.524
1364	329588.42	2467682.41	21456.14	294	48	24.318	114	38	41.19
1365	329571.30	2467690.32	21475.00	294	48	21.718	114	48	24.318
1366	329548.60	2467700.81	21500.00	294	48	17.69	114	48	21.718
1367	329525.91	2467711.30	21525.00	294	48	25.18	114	48	17.69
1368	329503.22	2467721.78	21550.00	294	48	17.218	114	48	25.18
1369	329499.17	2467723.65	21554.46	296	42	30.519	114	48	17.218
1370	329480.82	2467732.89	21575.00	296	42	27.059	116	42	30.519
1371	329458.49	2467744.12	21600.00	296	42	47.512	116	42	27.059
1372	329448.60	2467749.10	21611.07	296	39	25.267	116	42	47.512
1373	329436.15	2467755.35	21625.00	296	39	33.648	116	39	25.267
1374	329413.81	2467766.57	21650.00	296	39	31.356	116	39	33.648
1375	329392.29	2467777.37	21674.08	297	47	4.257	116	39	31.356
1376	329391.47	2467777.80	21675.00	297	48	5.252	117	47	4.257
1377	329391.25	2467777.92	21675.25	300	1	2.74	117	48	5.252
1378	329390.24	2467778.50	21676.42	302	17	42.712	120	1	2.74
1379	329389.24	2467779.13	21677.60	303	21	40.937	122	17	42.712
1380	329388.07	2467779.90	21679.00	302	3	12.566	123	21	40.937
1381	329386.90	2467780.64	21680.39	299	24	25.881	122	3	12.566
1382	329385.69	2467781.32	21681.78	296	44	58.481	119	24	25.881
1383	329384.45	2467781.94	21683.16	295	25	35.442	116	44	58.481
1384	329375.99	2467785.96	21692.53	294	1	37.55	115	25	35.442
1385	329369.16	2467789.01	21700.00	294	1	29.051	114	1	37.55
1386	329357.13	2467794.37	21713.18	290	57	3.115	114	1	29.051
1387	329346.09	2467798.60	21725.00	290	57	9.977	110	57	3.115
1388	329322.74	2467807.54	21750.00	290	57	18.594	110	57	9.977
1389	329315.79	2467810.20	21757.44	286	32	34.629	110	57	18.594
1390	329298.96	2467815.20	21775.00	286	32	48.596	106	32	34.629
1391	329277.56	2467821.56	21797.32	283	50	19.995	106	32	48.596
1392	329274.96	2467822.20	21800.00	283	51	33.025	103	50	19.995
1393	329253.02	2467827.61	21822.60	278	27	52.59	103	51	33.025
1394	329250.65	2467827.97	21825.00	278	28	45.256	98	27	52.59
1395	329227.81	2467831.37	21848.09	275	17	32.265	98	28	45.256
1396	329225.91	2467831.55	21850.00	275	18	47.97	95	17	32.265
1397	329201.01	2467833.86	21875.00	275	18	37.879	95	18	47.97
1398	329191.49	2467834.75	21884.56	270	58	20.66	95	18	37.879
1399	329176.06	2467835.01	21900.00	270	58	28.367	90	58	20.66
1400	329156.77	2467835.34	21919.29	269	35	45.406	90	58	28.367
1401	329155.36	2467835.33	21920.70	266	55	39.902	89	35	45.406

1402	329153.94	2467835.25	21922.12	264	12	46.903	86	55	39.902
1403	329152.53	2467835.11	21923.54	262	50	27.31	84	12	46.903
1404	329151.08	2467834.93	21925.00	262	50	49.654	82	50	27.31
1405	329126.27	2467831.81	21950.00	262	50	56.813	82	50	49.654
1406	329101.47	2467828.70	21975.00	262	50	53.988	82	50	56.813
1407	329091.95	2467827.51	21984.60	257	29	26.018	82	50	53.988
1408	329076.91	2467824.17	22000.00	257	28	45.687	77	29	26.018
1409	329076.17	2467824.00	22000.76	248	42	16.916	77	28	45.687
1410	329053.58	2467815.20	22025.00	248	42	12.001	68	42	16.916
1411	329030.29	2467806.12	22050.00	248	42	29.022	68	42	12.001
1412	329027.49	2467805.03	22053.01	247	27	33.399	68	42	29.022
1413	329026.30	2467804.54	22054.29	245	2	3.895	67	27	33.399
1414	329025.14	2467804.00	22055.57	242	35	43.31	65	2	3.895
1415	329024.00	2467803.41	22056.85	241	21	42.567	62	35	43.31
1416	329008.08	2467794.71	22075.00	241	21	28.119	61	21	42.567
1417	328992.27	2467786.07	22093.01	237	31	21.061	61	21	28.119
1418	328986.37	2467782.32	22100.00	237	31	3.842	57	31	21.061
1419	328965.28	2467768.90	22125.00	237	31	3.842	57	31	3.842
1420	328944.20	2467755.47	22150.00	237	31	12.244	57	31	3.842
1421	328941.23	2467753.58	22153.52	232	18	0.012	57	31	12.244
1422	328924.23	2467740.45	22175.00	232	17	58.181	52	18	0.012
1423	328904.45	2467725.16	22200.00	232	17	43.578	52	17	58.181
1424	328893.39	2467716.61	22213.98	232	5	22.05	52	17	43.578
1425	328884.70	2467709.84	22225.00	232	5	19.082	52	5	22.05
1426	328864.97	2467694.48	22250.00	232	5	19.082	52	5	19.082
1427	328845.25	2467679.11	22275.00	232	4	45.835	52	5	19.082
1428	328844.38	2467678.44	22276.10	232	20	30.492	52	4	45.835
1429	328825.46	2467663.84	22300.00	232	20	25.076	52	20	30.492
1430	328805.67	2467648.56	22325.00	232	20	30.216	52	20	25.076
1431	328797.09	2467641.95	22335.83	231	6	55.447	52	20	30.216
1432	328786.06	2467633.05	22350.00	231	6	50.903	51	6	55.447
1433	328772.11	2467621.79	22367.93	228	15	26.669	51	6	50.903
1434	328766.83	2467617.09	22375.00	228	15	56.116	48	15	26.669
1435	328748.18	2467600.45	22400.00	228	15	43.055	48	15	56.116
1436	328739.68	2467592.87	22411.38	225	58	54.887	48	15	43.055
1437	328729.89	2467583.41	22425.00	225	58	55.622	45	58	54.887
1438	328711.91	2467566.03	22450.00	225	58	48.648	45	58	55.622
1439	328706.41	2467560.72	22457.65	222	34	7.898	45	58	48.648
1440	328694.67	2467547.94	22475.00	222	33	53.74	42	34	7.898
1441	328685.80	2467538.28	22488.11	223	13	1.235	42	33	53.74
1442	328677.66	2467529.62	22500.00	223	13	1.469	43	13	1.235
1443	328660.54	2467511.40	22525.00	223	11	40.968	43	13	1.469
1444	328659.19	2467509.96	22526.98	220	38	20.694	43	11	40.968
1445	328644.20	2467492.49	22550.00	220	38	13.857	40	38	20.694
1446	328632.02	2467478.30	22568.70	221	13	15.654	40	38	13.857
1447	328627.87	2467473.56	22575.00	221	13	32.584	41	13	15.654
1448	328616.44	2467460.52	22592.34	220	8	5.73	41	13	32.584
1449	328611.50	2467454.66	22600.00	220	7	44.002	40	8	5.73
1450	328598.33	2467439.03	22620.44	220	28	42.771	40	7	44.002
1451	328595.37	2467435.56	22625.00	220	29	2.782	40	28	42.771
1452	328585.59	2467424.11	22640.06	221	17	31.964	40	29	2.782
1453	328579.03	2467416.64	22650.00	221	17	21.896	41	17	31.964
1454	328562.53	2467397.86	22675.00	221	17	7.365	41	17	21.896
1455	328561.50	2467396.68	22676.57	221	11	21.754	41	17	7.365

1456	328546.07	2467379.04	22700.00	221	11	20.265	41	11	21.754
1457	328534.38	2467365.69	22717.75	223	36	33.677	41	11	20.265
1458	328529.38	2467360.44	22725.00	223	36	16.407	43	36	33.677
1459	328512.14	2467342.33	22750.00	223	36	3.443	43	36	16.407
1460	328506.28	2467336.19	22758.49	224	3	10.829	43	36	3.443
1461	328494.80	2467324.32	22775.00	224	3	9.58	44	3	10.829
1462	328488.79	2467318.11	22783.64	229	1	29.725	44	3	9.58
1463	328476.44	2467307.38	22800.00	229	1	32.077	49	1	29.725
1464	328457.57	2467290.99	22825.00	229	1	55.399	49	1	32.077
1465	328455.98	2467289.61	22827.10	232	12	53.183	49	1	55.399
1466	328437.88	2467275.58	22850.00	232	12	48.344	52	12	53.183
1467	328419.06	2467260.99	22873.82	233	51	19.176	52	12	48.344
1468	328418.11	2467260.29	22875.00	233	50	16.185	53	51	19.176
1469	328397.92	2467245.54	22900.00	233	49	11.981	53	50	16.185
1470	328396.47	2467244.48	22901.80	237	29	8.954	53	49	11.981
1471	328376.91	2467232.01	22925.00	237	29	5.438	57	29	8.954
1472	328365.44	2467224.70	22938.59	243	31	37.366	57	29	5.438
1473	328355.23	2467219.62	22950.00	243	31	37.906	63	31	37.366
1474	328332.85	2467208.47	22975.00	243	31	48.19	63	31	37.906
1475	328322.24	2467203.19	22986.86	245	31	50.863	63	31	48.19
1476	328310.28	2467197.74	23000.00	245	31	35.833	65	31	50.863
1477	328291.94	2467189.40	23020.14	249	16	11.884	65	31	35.833
1478	328287.40	2467187.68	23025.00	249	16	29.865	69	16	11.884
1479	328264.02	2467178.83	23050.00	249	16	45.841	69	16	29.865
1480	328262.38	2467178.21	23051.75	255	21	23.106	69	16	45.841
1481	328239.89	2467172.33	23075.00	255	21	24.325	75	21	23.106
1482	328215.70	2467166.01	23100.00	255	21	16.22	75	21	24.325
1483	328209.54	2467164.41	23106.36	259	24	35.984	75	21	16.22
1484	328191.22	2467160.98	23125.00	259	24	23.511	79	24	35.984
1485	328166.65	2467156.38	23150.00	259	24	30.374	79	24	23.511
1486	328153.84	2467153.99	23163.03	262	28	57.132	79	24	30.374
1487	328141.97	2467152.42	23175.00	262	28	54.618	82	28	57.132
1488	328117.19	2467149.15	23200.00	262	28	9.429	82	28	54.618
1489	328113.49	2467148.66	23203.73	263	49	57.533	82	28	9.429
1490	328092.34	2467146.38	23225.00	263	49	48.43	83	49	57.533
1491	328071.55	2467144.13	23245.92	262	30	53.129	83	49	48.43
1492	328067.50	2467143.60	23250.00	262	31	32.195	82	30	53.129
1493	328042.71	2467140.35	23275.00	262	31	25.088	82	31	32.195
1494	328017.93	2467137.09	23300.00	262	31	43.275	82	31	25.088
1495	328006.69	2467135.62	23311.33	257	39	33.759	82	31	43.275
1496	327993.34	2467132.70	23325.00	257	39	48.49	77	39	33.759
1497	327981.31	2467130.07	23337.31	248	51	52.403	77	39	48.49
1498	327969.48	2467125.49	23350.00	248	51	57.254	68	51	52.403
1499	327946.16	2467116.48	23375.00	248	51	54.279	68	51	57.254
1500	327922.84	2467107.47	23400.00	248	52	29.833	68	51	54.279
1501	327919.38	2467106.13	23403.71	240	20	58.548	68	52	29.833
1502	327900.88	2467095.60	23425.00	240	20	58.175	60	20	58.548
1503	327879.15	2467083.23	23450.00	240	21	11.955	60	20	58.175
1504	327871.41	2467078.83	23458.90	239	57	52.738	60	21	11.955
1505	327857.48	2467070.77	23475.00	239	57	49.088	59	57	52.738
1506	327840.51	2467060.96	23494.60	240	17	59.601	59	57	49.088
1507	327835.82	2467058.28	23500.00	240	17	57.093	60	17	59.601
1508	327815.09	2467046.46	23523.86	244	9	25.313	60	17	57.093
1509	327814.07	2467045.96	23525.00	244	10	29.815	64	9	25.313

1510	327791.56	2467035.07	23550.00	244	10	23.623	64	10	29.815
1511	327787.16	2467032.94	23554.89	248	40	58.08	64	10	23.623
1512	327768.43	2467025.63	23575.00	248	40	59.531	68	40	58.08
1513	327755.38	2467020.54	23589.01	253	32	36.216	68	40	59.531
1514	327744.84	2467017.42	23600.00	253	32	29.255	73	32	36.216
1515	327722.10	2467010.71	23623.71	256	35	20.301	73	32	29.255
1516	327720.84	2467010.41	23625.00	256	36	38.857	76	35	20.301
1517	327696.52	2467004.62	23650.00	256	36	45.966	76	36	38.857
1518	327677.40	2467000.07	23669.66	255	38	0.664	76	36	45.966
1519	327672.22	2466998.74	23675.00	255	37	52.882	75	38	0.664
1520	327648.01	2466992.54	23700.00	255	37	54.769	75	37	52.882
1521	327630.77	2466988.12	23717.80	255	29	8.641	75	37	54.769
1522	327630.57	2466988.07	23718.00	255	23	53.024	75	29	8.641
1523	327623.79	2466986.31	23725.00	255	23	59.566	75	23	53.024
1524	327600.30	2466980.19	23749.28	259	15	49.613	75	23	59.566
1525	327599.59	2466980.05	23750.00	259	14	18.237	79	15	49.613
1526	327585.44	2466977.36	23764.41	262	9	27.872	79	14	18.237
1527	327577.55	2466976.27	23772.37	263	40	10.072	82	9	27.872
1528	327574.94	2466975.99	23774.99	260	32	15.65	83	40	10.072
1529	327574.94	2466975.98	23775.00	266	40	5.781	80	32	15.65
1530	327572.32	2466975.83	23777.62	269	40	19.558	86	40	5.781
1531	327569.70	2466975.82	23780.24	272	40	5.086	89	40	19.558
1532	327567.09	2466975.94	23782.86	274	10	4.822	92	40	5.086
1533	327549.99	2466977.19	23800.00	274	10	20.331	94	10	4.822
1534	327540.50	2466977.88	23809.51	285	26	32.382	94	10	20.331
1535	327525.57	2466982.00	23825.00	285	26	33.555	105	26	32.382
1536	327501.47	2466988.66	23850.00	285	26	42.14	105	26	33.555
1537	327488.31	2466992.29	23863.65	292	24	22.42	105	26	42.14
1538	327477.82	2466996.62	23875.00	292	24	19.088	112	24	22.42
1539	327457.68	2467004.93	23896.79	298	50	9.07	112	24	19.088
1540	327454.87	2467006.47	23900.00	298	50	24.045	118	50	9.07
1541	327432.97	2467018.53	23925.00	298	50	31.833	118	50	24.045
1542	327421.13	2467025.05	23938.52	301	44	33.034	118	50	31.833
1543	327411.36	2467031.09	23950.00	301	44	12.659	121	44	33.034
1544	327404.65	2467035.25	23957.89	303	47	52.16	121	44	12.659
1545	327390.43	2467044.76	23975.00	303	47	55.541	123	47	52.16
1546	327369.66	2467058.67	24000.00	303	48	8.442	123	47	55.541
1547	327364.25	2467062.29	24006.51	307	0	9.096	123	48	8.442
1548	327349.48	2467073.42	24025.00	307	0	8.523	127	0	9.096
1549	327329.52	2467088.46	24050.00	307	0	8.523	127	0	8.523
1550	327309.55	2467103.51	24075.00	307	0	7.476	127	0	8.523
1551	327308.38	2467104.40	24076.47	311	1	1.478	127	0	7.476
1552	327290.62	2467119.84	24100.00	311	0	48.413	131	1	1.478
1553	327271.76	2467136.24	24125.00	311	0	53.661	131	0	48.413
1554	327259.09	2467147.27	24141.80	314	7	14.605	131	0	53.661
1555	327253.20	2467152.98	24150.00	314	7	6.048	134	7	14.605
1556	327235.25	2467170.38	24175.00	314	7	6.343	134	7	6.048
1557	327224.56	2467180.75	24189.89	315	33	44.975	134	7	6.343
1558	327222.80	2467182.55	24192.41	318	27	32.36	135	33	44.975
1559	327221.12	2467184.43	24194.93	321	19	46.351	138	27	32.36
1560	327219.55	2467186.40	24197.45	324	13	18.306	141	19	46.351
1561	327218.08	2467188.44	24199.97	326	18	35.756	144	13	18.306
1562	327218.06	2467188.47	24200.00	325	40	3.041	146	18	35.756
1563	327210.61	2467199.38	24213.21	327	34	30.685	145	40	3.041

1564	327208.83	2467202.18	24216.53	331	22	42.62	147	34	30.685
1565	327207.24	2467205.09	24219.84	335	10	26.993	151	22	42.62
1566	327205.85	2467208.09	24223.16	338	57	36.929	155	10	26.993
1567	327205.19	2467209.82	24225.00	338	58	45.325	158	57	36.929
1568	327204.66	2467211.19	24226.47	340	51	48.755	158	58	45.325
1569	327203.38	2467214.90	24230.40	342	56	5.545	160	51	48.755
1570	327202.32	2467218.33	24233.98	347	1	19.762	162	56	5.545
1571	327201.52	2467221.82	24237.57	351	8	31.348	167	1	19.762
1572	327200.97	2467225.36	24241.15	355	15	51.223	171	8	31.348
1573	327200.67	2467228.93	24244.74	357	17	58.473	175	15	51.223
1574	327200.42	2467234.19	24250.00	357	18	55.564	177	17	58.473
1575	327200.26	2467237.58	24253.40	359	16	4.172	177	18	55.564
1576	327200.22	2467241.03	24256.84	3	13	50.188	179	16	4.172
1577	327200.41	2467244.46	24260.28	7	10	35.883	183	13	50.188
1578	327200.84	2467247.88	24263.72	11	6	15.449	187	10	35.883
1579	327201.51	2467251.26	24267.17	13	5	14.117	191	6	15.449
1580	327203.28	2467258.89	24275.00	13	5	39.724	193	5	14.117
1581	327204.59	2467264.51	24280.77	12	20	5.48	193	5	39.724
1582	327206.35	2467272.58	24289.04	33	14	16.406	192	20	5.48
1583	327212.36	2467281.75	24300.00	33	13	52.03	213	14	16.406
1584	327216.96	2467288.76	24308.38	34	31	49.811	213	13	52.03
1585	327217.72	2467289.87	24309.72	37	3	58.541	214	31	49.811
1586	327218.53	2467290.94	24311.07	39	39	9.441	217	3	58.541
1587	327219.38	2467291.97	24312.41	40	56	7.608	219	39	9.441
1588	327222.79	2467295.91	24317.62	42	32	6.529	220	56	7.608
1589	327223.95	2467297.17	24319.33	45	51	10.713	222	32	6.529
1590	327225.18	2467298.36	24321.04	49	4	43.911	225	51	10.713
1591	327226.47	2467299.48	24322.75	52	20	22.186	229	4	43.911
1592	327227.82	2467300.52	24324.46	54	2	4.114	232	20	22.186
1593	327228.26	2467300.84	24325.00	53	59	35.677	234	2	4.114
1594	327243.97	2467312.25	24344.41	62	29	59.065	233	59	35.677
1595	327248.92	2467314.83	24350.00	62	29	57.551	242	29	59.065
1596	327270.16	2467325.89	24373.94	63	49	14.199	242	29	57.551
1597	327271.11	2467326.36	24375.00	63	51	0.462	243	49	14.199
1598	327271.39	2467326.49	24375.31	66	24	23.398	243	51	0.462
1599	327272.64	2467327.04	24376.68	69	4	2.873	246	24	23.398
1600	327273.93	2467327.53	24378.05	70	21	26.06	249	4	2.873
1601	327294.60	2467334.91	24400.00	70	21	29.341	250	21	26.06
1602	327311.88	2467341.08	24418.35	72	2	9.069	250	21	29.341
1603	327313.56	2467341.62	24420.12	73	44	36.78	252	2	9.069
1604	327318.25	2467342.99	24425.00	73	44	20.884	253	44	36.78
1605	327338.22	2467348.82	24445.81	75	59	36.885	253	44	20.884
1606	327342.29	2467349.83	24450.00	75	59	35.578	255	59	36.885
1607	327366.55	2467355.88	24475.00	75	59	38.741	255	59	35.578
1608	327375.88	2467358.21	24484.62	75	48	26.822	255	59	38.741
1609	327390.79	2467361.98	24500.00	75	48	33.081	255	48	26.822
1610	327405.96	2467365.82	24515.64	74	1	15.18	255	48	33.081
1611	327407.75	2467366.33	24517.51	70	26	57.681	254	1	15.18
1612	327409.51	2467366.95	24519.38	66	54	36.853	250	26	57.681
1613	327411.23	2467367.69	24521.25	63	18	41.387	246	54	36.853
1614	327412.90	2467368.53	24523.11	61	33	41.469	243	18	41.387
1615	327414.56	2467369.42	24525.00	61	32	18.221	241	33	41.469
1616	327427.01	2467376.17	24539.16	59	40	17.776	241	32	18.221
1617	327428.69	2467377.16	24541.11	55	57	33.586	239	40	17.776

1618	327430.31	2467378.25	24543.06	52	13	50.535	235	57	33.586
1619	327431.85	2467379.44	24545.01	48	30	55.398	232	13	50.535
1620	327433.31	2467380.73	24546.96	46	39	6.453	228	30	55.398
1621	327435.52	2467382.82	24550.00	46	38	40.984	226	39	6.453
1622	327438.21	2467385.36	24553.70	44	43	12.434	226	38	40.984
1623	327439.63	2467386.80	24555.72	40	50	14.845	224	43	12.434
1624	327440.96	2467388.33	24557.75	36	58	38.39	220	50	14.845
1625	327442.18	2467389.95	24559.78	33	6	7.478	216	58	38.39
1626	327443.28	2467391.65	24561.80	31	9	30.461	213	6	7.478
1627	327446.78	2467397.44	24568.56	23	21	58.851	211	9	30.461
1628	327448.36	2467401.10	24572.56	21	19	33.148	203	21	58.851
1629	327449.14	2467403.08	24574.68	17	18	1.898	201	19	33.148
1630	327449.23	2467403.38	24575.00	17	16	14.606	197	18	1.898
1631	327449.77	2467405.11	24576.81	13	13	8.072	197	16	14.606
1632	327450.25	2467407.18	24578.93	9	9	7.356	193	13	8.072
1633	327450.59	2467409.28	24581.06	5	6	6.069	189	9	7.356
1634	327450.78	2467411.39	24583.18	3	4	4.844	185	6	6.069
1635	327451.18	2467418.74	24590.54	358	42	35.182	183	4	4.844
1636	327451.17	2467419.19	24590.99	356	18	47.225	178	42	35.182
1637	327451.01	2467421.64	24593.44	351	38	44.337	176	18	47.225
1638	327450.65	2467424.07	24595.90	346	56	32.812	171	38	44.337
1639	327450.10	2467426.46	24598.36	342	16	16.611	166	56	32.812
1640	327449.60	2467428.03	24600.00	342	12	35.266	162	16	16.611
1641	327449.35	2467428.80	24600.82	337	33	27.775	162	12	35.266
1642	327448.41	2467431.07	24603.27	332	52	17.786	157	33	27.775
1643	327447.29	2467433.26	24605.73	328	9	36.914	152	52	17.786
1644	327445.99	2467435.35	24608.19	323	29	21.074	148	9	36.914
1645	327444.53	2467437.32	24610.64	321	7	51.407	143	29	21.074
1646	327442.89	2467439.35	24613.25	319	3	36.27	141	7	51.407
1647	327441.49	2467440.98	24615.40	314	59	60	139	3	36.27
1648	327439.97	2467442.49	24617.55	310	52	55.601	134	59	60
1649	327438.35	2467443.90	24619.69	306	45	47.347	130	52	55.601
1650	327436.63	2467445.18	24621.84	304	43	50.48	126	45	47.347
1651	327434.03	2467446.98	24625.00	304	43	42.502	124	43	50.48
1652	327429.83	2467449.90	24630.11	302	56	2.342	124	43	42.502
1653	327428.26	2467450.91	24631.98	299	22	21.943	122	56	2.342
1654	327426.63	2467451.83	24633.85	295	47	4.345	119	22	21.943
1655	327424.94	2467452.65	24635.73	292	13	19.142	115	47	4.345
1656	327423.21	2467453.35	24637.60	290	25	40.46	112	13	19.142
1657	327411.58	2467457.68	24650.00	290	25	31.767	110	25	40.46
1658	327407.69	2467459.13	24654.16	288	43	34.672	110	25	31.767
1659	327405.98	2467459.71	24655.96	285	14	18.239	108	43	34.672
1660	327404.24	2467460.19	24657.77	281	49	58.992	105	14	18.239
1661	327402.47	2467460.56	24659.57	280	5	23.79	101	49	58.992
1662	327387.28	2467463.26	24675.00	280	5	58.89	100	5	23.79
1663	327379.98	2467464.56	24682.42	278	58	30.698	100	5	58.89
1664	327378.83	2467464.74	24683.58	276	46	34.109	98	58	30.698
1665	327377.68	2467464.88	24684.74	274	32	46.913	96	46	34.109
1666	327376.52	2467464.97	24685.90	273	26	39.332	94	32	46.913
1667	327362.45	2467465.82	24700.00	273	26	31.542	93	26	39.332
1668	327337.49	2467467.32	24725.00	270	0	0	93	26	31.542
1669	327337.49	2467467.32	24725.01	272	14	34.989	90	0	0
1670	327336.24	2467467.37	24726.26	269	51	45.361	92	14	34.989
1671	327334.99	2467467.37	24727.51	267	28	50.199	89	51	45.361

1672	327333.74	2467467.31	24728.76	266	16	29.722	87	28	50.199
1673	327312.54	2467465.93	24750.00	266	16	25.935	86	16	29.722
1674	327299.83	2467465.10	24762.74	267	27	22.399	86	16	25.935
1675	327298.59	2467465.05	24763.98	268	38	15.653	87	27	22.399
1676	327287.57	2467464.79	24775.00	268	38	26.947	88	38	15.653
1677	327262.58	2467464.19	24800.00	268	38	17.6	88	38	26.947
1678	327246.09	2467463.80	24816.50	269	40	35.908	88	38	17.6
1679	327237.58	2467463.75	24825.00	269	40	34.076	89	40	35.908
1680	327214.23	2467463.62	24848.35	270	43	47.435	89	40	34.076
1681	327213.13	2467463.63	24849.45	272	49	14.47	90	43	47.435
1682	327212.58	2467463.66	24850.00	272	48	56.004	92	49	14.47
1683	327212.04	2467463.69	24850.55	274	54	23.446	92	48	56.004
1684	327210.94	2467463.78	24851.65	275	58	14.182	94	54	23.446
1685	327187.72	2467466.21	24875.00	275	58	22.149	95	58	14.182
1686	327179.39	2467467.08	24883.37	280	2	48.843	95	58	22.149
1687	327163.02	2467469.98	24900.00	280	2	50.687	100	2	48.843
1688	327141.22	2467473.85	24922.14	280	9	22.767	100	2	50.687
1689	327138.40	2467474.35	24925.00	280	10	10.392	100	9	22.767
1690	327113.79	2467478.76	24950.00	280	10	10.392	100	10	10.392
1691	327089.19	2467483.18	24975.00	280	10	1.484	100	10	10.392
1692	327079.23	2467484.96	24985.12	284	3	58.044	100	10	1.484
1693	327064.79	2467488.58	25000.00	284	4	8.322	104	3	58.044
1694	327049.97	2467492.30	25015.28	287	43	21.567	104	4	8.322
1695	327040.71	2467495.25	25025.00	287	43	44.75	107	43	21.567
1696	327022.42	2467501.10	25044.20	289	0	38.759	107	43	44.75
1697	327021.11	2467501.55	25045.59	291	42	33.014	109	0	38.759
1698	327019.83	2467502.06	25046.97	294	20	40.845	111	42	33.014
1699	327018.57	2467502.64	25048.35	295	40	38.709	114	20	40.845
1700	327017.08	2467503.35	25050.00	295	39	38.525	115	40	38.709
1701	327004.70	2467509.30	25063.74	297	43	14.923	115	39	38.525
1702	326997.12	2467513.28	25072.30	299	11	37.372	117	43	14.923
1703	326995.76	2467514.04	25073.86	302	10	13.911	119	11	37.372
1704	326994.79	2467514.65	25075.00	302	10	43.162	122	10	13.911
1705	326994.44	2467514.87	25075.42	305	11	15.319	122	10	43.162
1706	326993.16	2467515.77	25076.98	308	9	18.591	125	11	15.319
1707	326991.93	2467516.74	25078.54	309	38	14.245	128	9	18.591
1708	326980.65	2467526.08	25093.19	315	39	37.155	129	38	14.245
1709	326975.89	2467530.95	25100.00	315	39	48.575	135	39	37.155
1710	326971.03	2467535.93	25106.96	317	33	23.443	135	39	48.575
1711	326969.68	2467537.40	25108.96	321	22	49.8	137	33	23.443
1712	326968.43	2467538.96	25110.96	325	12	44.478	141	22	49.8
1713	326967.29	2467540.61	25112.95	327	6	38.631	145	12	44.478
1714	326960.75	2467550.72	25125.00	327	6	53.358	147	6	38.631
1715	326959.15	2467553.21	25127.96	333	13	35.115	147	6	53.358
1716	326953.33	2467564.73	25140.86	342	48	16.548	153	13	35.115
1717	326950.63	2467573.45	25150.00	342	48	29.254	162	48	16.548
1718	326949.36	2467577.56	25154.30	351	6	11.691	162	48	29.254
1719	326947.92	2467586.79	25163.64	352	28	21.084	171	6	11.691
1720	326947.72	2467588.25	25165.11	355	18	16.276	172	28	21.084
1721	326947.60	2467589.71	25166.58	358	7	24.252	175	18	16.276
1722	326947.56	2467591.17	25168.04	359	29	52.266	178	7	24.252
1723	326947.50	2467598.13	25175.00	359	29	33.944	179	29	52.266
1724	326947.45	2467602.99	25179.86	356	52	9.281	179	29	33.944
1725	326946.35	2467623.10	25200.00	356	52	19.764	176	52	9.281

1726	326945.90	2467631.46	25208.38	355	9	6.931	176	52	19.764
1727	326944.49	2467648.03	25225.00	355	9	17.763	175	9	6.931
1728	326942.65	2467669.75	25246.80	356	11	13.614	175	9	17.763
1729	326942.44	2467672.94	25250.00	356	11	17.648	176	11	13.614
1730	326941.45	2467687.76	25264.85	353	0	48.852	176	11	17.648
1731	326940.21	2467697.84	25275.00	353	0	42.62	173	0	48.852
1732	326939.40	2467704.48	25281.70	354	50	58.21	173	0	42.62
1733	326937.76	2467722.71	25300.00	354	51	8.831	174	50	58.21
1734	326937.21	2467728.77	25306.09	352	56	21.239	174	51	8.831
1735	326934.89	2467747.54	25325.00	352	56	38.66	172	56	21.239
1736	326933.53	2467758.47	25336.01	353	1	34.768	172	56	38.66
1737	326931.83	2467772.36	25350.00	353	1	22.695	173	1	34.768
1738	326930.89	2467780.08	25357.78	353	52	22.503	173	1	22.695
1739	326929.05	2467797.20	25375.00	353	57	30.026	173	52	22.503
1740	326929.02	2467797.48	25375.28	348	22	57.818	173	57	30.026
1741	326926.83	2467808.15	25386.17	346	21	14.575	168	22	57.818
1742	326926.32	2467810.22	25388.31	342	15	37.571	166	21	14.575
1743	326925.67	2467812.26	25390.44	338	10	43.2	162	15	37.571
1744	326924.88	2467814.24	25392.58	334	5	41.536	158	10	43.2
1745	326923.95	2467816.16	25394.72	332	4	45.334	154	5	41.536
1746	326923.11	2467817.73	25396.49	329	42	11.973	152	4	45.334
1747	326921.87	2467819.86	25398.95	325	2	5.565	149	42	11.973
1748	326921.27	2467820.71	25400.00	325	1	40.472	145	2	5.565
1749	326920.46	2467821.87	25401.41	320	18	38.635	145	1	40.472
1750	326918.89	2467823.77	25403.87	315	36	33.593	140	18	38.635
1751	326917.17	2467825.52	25406.33	310	54	43.331	135	36	33.593
1752	326915.31	2467827.13	25408.79	306	12	13.507	130	54	43.331
1753	326913.33	2467828.59	25411.25	301	31	8.402	126	12	13.507
1754	326911.23	2467829.87	25413.71	296	48	53.916	121	31	8.402
1755	326909.03	2467830.98	25416.17	292	6	46.152	116	48	53.916
1756	326906.76	2467831.91	25418.63	289	45	50.375	112	6	46.152
1757	326900.76	2467834.06	25425.00	289	46	19.165	109	45	50.375
1758	326896.16	2467835.72	25429.89	287	51	48.545	109	46	19.165
1759	326894.29	2467836.32	25431.86	284	7	41.192	107	51	48.545
1760	326892.38	2467836.80	25433.83	280	22	21.414	104	7	41.192
1761	326890.45	2467837.15	25435.79	276	37	47.359	100	22	21.414
1762	326888.49	2467837.38	25437.76	274	44	29.36	96	37	47.359
1763	326876.29	2467838.39	25450.00	274	44	31.398	94	44	29.36
1764	326858.50	2467839.87	25467.85	272	22	26.14	94	44	31.398
1765	326851.36	2467840.17	25475.00	272	22	30.241	92	22	26.14
1766	326826.38	2467841.20	25500.00	272	22	32.225	92	22	30.241
1767	326807.92	2467841.97	25518.48	271	14	52.249	92	22	32.225
1768	326801.40	2467842.11	25525.00	271	14	40.442	91	14	52.249
1769	326776.41	2467842.65	25550.00	271	14	25.779	91	14	40.442
1770	326769.25	2467842.81	25557.16	270	25	14.585	91	14	25.779
1771	326751.41	2467842.94	25575.00	270	25	18.142	90	25	14.585
1772	326726.41	2467843.12	25600.00	270	25	22.185	90	25	18.142
1773	326705.95	2467843.27	25620.46	270	0	0	90	25	22.185
1774	326701.41	2467843.27	25625.00	269	59	51.749	90	0	0
1775	326676.41	2467843.27	25650.00	269	59	51.749	89	59	51.749
1776	326651.41	2467843.27	25675.00	270	0	0	89	59	51.749
1777	326644.55	2467843.27	25681.86	270	18	11.819	90	0	0
1778	326626.41	2467843.37	25700.00	270	18	9.068	90	18	11.819
1779	326601.41	2467843.50	25725.00	270	18	9.053	90	18	9.068

1780	326590.42	2467843.56	25735.99	269	30	19.108	90	18	9.053
1781	326576.41	2467843.44	25750.00	269	30	17.845	89	30	19.108
1782	326551.41	2467843.22	25775.00	269	30	17.845	89	30	17.845
1783	326526.41	2467843.00	25800.00	269	30	11.224	89	30	17.845
1784	326515.92	2467842.91	25810.49	271	27	13.014	89	30	11.224
1785	326501.42	2467843.28	25825.00	271	27	19.676	91	27	13.014
1786	326476.43	2467843.92	25850.00	271	27	3.006	91	27	19.676
1787	326465.88	2467844.18	25860.55	270	23	46.182	91	27	3.006
1788	326464.73	2467844.19	25861.70	268	7	7.964	90	23	46.182
1789	326463.57	2467844.15	25862.86	265	56	7.995	88	7	7.964
1790	326462.42	2467844.07	25864.02	264	49	22.968	85	56	7.995
1791	326451.48	2467843.08	25875.00	264	49	34.269	84	49	22.968
1792	326431.18	2467841.24	25895.38	263	27	35.176	84	49	34.269
1793	326426.59	2467840.72	25900.00	263	28	4.683	83	27	35.176
1794	326401.75	2467837.87	25925.00	263	27	56.486	83	28	4.683
1795	326376.91	2467835.03	25950.00	263	28	16.079	83	27	56.486
1796	326373.35	2467834.62	25953.59	259	30	48.575	83	28	16.079
1797	326352.30	2467830.72	25975.00	259	31	24.599	79	30	48.575
1798	326350.24	2467830.34	25977.09	258	25	27.187	79	31	24.599
1799	326349.12	2467830.11	25978.23	256	13	9.56	78	25	27.187
1800	326348.01	2467829.84	25979.37	254	5	20.651	76	13	9.56
1801	326346.92	2467829.53	25980.52	252	58	16.797	74	5	20.651
1802	326332.34	2467825.06	25995.76	251	25	47.329	72	58	16.797
1803	326330.82	2467824.55	25997.37	248	21	2.994	71	25	47.329
1804	326329.32	2467823.96	25998.97	245	18	24.098	68	21	2.994
1805	326328.39	2467823.53	26000.00	245	22	35.167	65	18	24.098
1806	326327.86	2467823.29	26000.58	243	45	31.365	65	22	35.167
1807	326317.43	2467818.14	26012.21	241	53	4.847	63	45	31.365
1808	326315.69	2467817.22	26014.18	238	7	4.773	61	53	4.847
1809	326314.02	2467816.18	26016.15	234	22	15.273	58	7	4.773
1810	326312.42	2467815.03	26018.12	230	36	29.437	54	22	15.273
1811	326310.90	2467813.78	26020.09	228	42	47.347	50	36	29.437
1812	326307.21	2467810.54	26025.00	228	43	54.92	48	42	47.347
1813	326304.69	2467808.33	26028.35	227	11	3.369	48	43	54.92
1814	326303.51	2467807.24	26029.96	224	5	46.312	47	11	3.369
1815	326302.39	2467806.08	26031.57	221	0	20.134	44	5	46.312
1816	326301.33	2467804.86	26033.19	219	28	38.9	41	0	20.134
1817	326296.71	2467799.25	26040.45	217	57	1.015	39	28	38.9
1818	326295.72	2467797.99	26042.06	214	51	36.786	37	57	1.015
1819	326294.81	2467796.67	26043.66	211	50	5.214	34	51	36.786
1820	326293.96	2467795.31	26045.26	210	17	53.547	31	50	5.214
1821	326291.57	2467791.22	26050.00	210	17	30.484	30	17	53.547
1822	326289.22	2467787.19	26054.67	208	43	37.237	30	17	30.484
1823	326288.42	2467785.75	26056.31	205	34	10.253	28	43	37.237
1824	326287.71	2467784.26	26057.96	202	26	26.367	25	34	10.253
1825	326287.08	2467782.74	26059.61	200	51	0.566	22	26	26.367
1826	326284.13	2467774.98	26067.91	189	56	44.667	20	51	0.566
1827	326282.91	2467768.00	26075.00	189	56	56.928	9	56	44.667
1828	326281.29	2467758.77	26084.37	183	12	22.123	9	56	56.928
1829	326280.57	2467745.99	26097.17	172	39	33.359	3	12	22.123
1830	326280.93	2467743.18	26100.00	172	40	12.116	352	39	33.359
1831	326282.30	2467732.55	26110.72	171	15	57.112	352	40	12.116
1832	326282.52	2467731.12	26112.16	168	29	46.368	351	15	57.112
1833	326282.81	2467729.70	26113.61	167	7	58.555	348	29	46.368

1834	326284.56	2467722.05	26121.46	165	25	43.958	347	7	58.555
1835	326285.01	2467720.32	26123.25	161	59	22.596	345	25	43.958
1836	326285.55	2467718.65	26125.00	162	24	27.271	341	59	22.596
1837	326285.56	2467718.61	26125.04	158	33	38.759	342	24	27.271
1838	326286.22	2467716.94	26126.84	155	8	8.147	338	33	38.759
1839	326286.97	2467715.32	26128.63	153	26	5.816	335	8	8.147
1840	326293.25	2467702.75	26142.68	144	35	9.827	333	26	5.816
1841	326297.50	2467696.78	26150.00	144	34	50.418	324	35	9.827
1842	326299.88	2467693.44	26154.11	132	47	27.086	324	34	50.418
1843	326311.58	2467682.61	26170.05	127	10	6.569	312	47	27.086
1844	326315.52	2467679.62	26175.00	127	10	44.233	307	10	6.569
1845	326321.84	2467674.82	26182.93	125	27	33.949	307	10	44.233
1846	326323.30	2467673.78	26184.72	122	3	47.295	305	27	33.949
1847	326324.81	2467672.83	26186.51	118	38	37.357	302	3	47.295
1848	326326.38	2467671.98	26188.30	116	55	50.616	298	38	37.357
1849	326336.82	2467666.68	26200.00	116	54	41.591	296	55	50.616
1850	326337.94	2467666.11	26201.26	115	53	13.295	296	54	41.591
1851	326338.89	2467665.65	26202.32	113	55	26.381	295	53	13.295
1852	326339.86	2467665.22	26203.37	111	51	42.271	293	55	26.381
1853	326340.84	2467664.82	26204.43	110	52	3.277	291	51	42.271
1854	326359.91	2467657.55	26224.84	109	26	24.125	290	52	3.277
1855	326360.06	2467657.50	26225.00	109	32	1.68	289	26	24.125
1856	326361.21	2467657.09	26226.22	106	54	49.375	289	32	1.68
1857	326362.53	2467656.69	26227.60	104	17	15.617	286	54	49.375
1858	326363.87	2467656.35	26228.98	102	56	52.162	284	17	15.617
1859	326384.35	2467651.64	26250.00	102	55	50.572	282	56	52.162
1860	326386.05	2467651.25	26251.75	97	36	50.471	282	55	50.572
1861	326409.10	2467648.17	26275.00	97	36	23.614	277	36	50.471
1862	326414.46	2467647.45	26280.40	95	57	47.154	277	36	23.614
1863	326433.95	2467645.42	26300.00	95	57	35.7	275	57	47.154
1864	326458.01	2467642.91	26324.19	97	19	38.683	275	57	35.7
1865	326458.81	2467642.80	26325.00	97	21	6.043	277	19	38.683
1866	326482.16	2467639.79	26348.55	98	54	18.002	277	21	6.043
1867	326483.60	2467639.56	26350.00	98	41	28.707	278	54	18.002
1868	326483.76	2467639.54	26350.16	102	0	1.36	278	41	28.707
1869	326485.33	2467639.21	26351.77	105	2	12.447	282	0	1.36
1870	326486.89	2467638.79	26353.38	106	35	11.431	285	2	12.447
1871	326503.08	2467633.97	26370.27	109	44	4.379	286	35	11.431
1872	326507.53	2467632.37	26375.00	109	44	25.224	289	44	4.379
1873	326514.74	2467629.78	26382.66	111	34	19.052	289	44	25.224
1874	326516.51	2467629.08	26384.56	115	10	37.45	291	34	19.052
1875	326518.23	2467628.27	26386.47	118	49	2.634	295	10	37.45
1876	326519.89	2467627.36	26388.37	120	37	57.952	298	49	2.634
1877	326525.95	2467623.77	26395.40	121	41	10.924	300	37	57.952
1878	326526.84	2467623.22	26396.45	124	34	49.452	301	41	10.924
1879	326528.53	2467622.06	26398.50	126	33	50.829	304	34	49.452
1880	326529.73	2467621.16	26400.00	126	33	13.621	306	33	50.829
1881	326539.46	2467613.95	26412.11	128	21	23.054	306	33	13.621
1882	326540.92	2467612.80	26413.97	131	52	46.032	308	21	23.054
1883	326542.30	2467611.56	26415.82	135	26	9.717	311	52	46.032
1884	326543.60	2467610.24	26417.68	137	12	13.949	315	26	9.717
1885	326548.57	2467604.87	26425.00	137	11	5.248	317	12	13.949
1886	326549.82	2467603.52	26426.84	138	56	31.584	317	11	5.248
1887	326551.01	2467602.15	26428.65	142	22	59.398	318	56	31.584

1888	326552.12	2467600.72	26430.46	145	52	16.183	322	22	59.398
1889	326553.13	2467599.22	26432.27	149	17	48.748	325	52	16.183
1890	326554.06	2467597.67	26434.08	152	45	20.707	329	17	48.748
1891	326554.89	2467596.06	26435.89	154	29	42.68	332	45	20.707
1892	326557.62	2467590.32	26442.24	161	12	33.053	334	29	42.68
1893	326557.79	2467589.84	26442.75	163	13	57.784	341	12	33.053
1894	326558.39	2467587.83	26444.85	167	14	56.407	343	13	57.784
1895	326558.85	2467585.78	26446.95	171	15	6.339	347	14	56.407
1896	326559.17	2467583.71	26449.05	175	15	4.74	351	15	6.339
1897	326559.25	2467582.76	26450.00	175	14	10.89	355	15	4.74
1898	326559.35	2467581.62	26451.14	179	15	44.377	355	14	10.89
1899	326559.37	2467579.52	26453.24	183	16	47.419	359	15	44.377
1900	326559.25	2467577.43	26455.34	185	16	6.455	3	16	47.419
1901	326558.91	2467573.73	26459.05	202	22	41.495	5	16	6.455
1902	326557.08	2467569.28	26463.87	204	23	40.562	22	22	41.495
1903	326556.21	2467567.35	26465.98	208	25	12.315	24	23	40.562
1904	326555.20	2467565.49	26468.10	212	27	53.847	28	25	12.315
1905	326554.07	2467563.71	26470.21	216	29	44.79	32	27	53.847
1906	326552.81	2467562.01	26472.32	218	31	34.142	36	29	44.79
1907	326551.14	2467559.92	26475.00	218	31	40.046	38	31	34.142
1908	326549.41	2467557.74	26477.78	220	6	42.897	38	31	40.046
1909	326548.33	2467556.46	26479.46	223	21	23.477	40	6	42.897
1910	326547.18	2467555.24	26481.13	226	29	54.727	43	21	23.477
1911	326545.96	2467554.09	26482.81	229	45	56.334	46	29	54.727
1912	326544.68	2467553.00	26484.49	231	19	47.406	49	45	56.334
1913	326539.96	2467549.22	26490.53	232	29	57.41	51	19	47.406
1914	326538.98	2467548.47	26491.77	234	52	57.562	52	29	57.41
1915	326537.97	2467547.76	26493.01	236	2	55.334	54	52	57.562
1916	326532.17	2467543.85	26500.00	236	3	19.794	56	2	55.334
1917	326529.68	2467542.18	26503.00	237	26	3.536	56	3	19.794
1918	326528.47	2467541.40	26504.44	240	10	52.279	57	26	3.536
1919	326527.21	2467540.69	26505.88	241	33	34.548	60	10	52.279
1920	326510.40	2467531.58	26525.00	241	33	39.335	61	33	34.548
1921	326499.87	2467525.88	26536.98	245	10	22.507	61	33	39.335
1922	326488.05	2467520.41	26550.00	245	10	5.193	65	10	22.507
1923	326475.32	2467514.52	26564.03	248	8	35.859	65	10	5.193
1924	326465.14	2467510.43	26575.00	248	8	46.008	68	8	35.859
1925	326458.74	2467507.87	26581.89	246	5	54.551	68	8	46.008
1926	326450.63	2467504.27	26590.77	244	31	12.936	66	5	54.551
1927	326449.14	2467503.56	26592.42	241	23	22.345	64	31	12.936
1928	326447.68	2467502.77	26594.07	238	10	28.501	61	23	22.345
1929	326446.28	2467501.90	26595.73	236	37	33.555	58	10	28.501
1930	326442.71	2467499.55	26600.00	236	37	45.997	56	37	33.555
1931	326433.41	2467493.42	26611.14	235	7	23.268	56	37	45.997
1932	326422.04	2467485.49	26625.00	235	6	46.574	55	7	23.268
1933	326421.34	2467485.01	26625.85	233	38	20.723	55	6	46.574
1934	326420.09	2467484.09	26627.40	230	40	17.927	53	38	20.723
1935	326418.89	2467483.10	26628.96	227	42	50.052	50	40	17.927
1936	326417.74	2467482.06	26630.51	226	13	20.367	47	42	50.052
1937	326403.67	2467468.57	26650.00	226	22	40.74	46	13	20.367
1938	326403.52	2467468.43	26650.21	224	48	28.17	46	22	40.74
1939	326402.48	2467467.38	26651.68	221	58	42.796	44	48	28.17
1940	326401.49	2467466.29	26653.16	219	11	37.451	41	58	42.796
1941	326400.56	2467465.14	26654.63	217	45	58.244	39	11	37.451

1942	326388.08	2467449.04	26675.00	217	46	6.375	37	45	58.244
1943	326386.55	2467447.07	26677.50	213	55	14.4	37	46	6.375
1944	326376.52	2467432.14	26695.49	205	39	3.873	33	55	14.4
1945	326374.56	2467428.07	26700.00	205	38	40.218	25	39	3.873
1946	326366.13	2467410.51	26719.49	202	39	0.831	25	38	40.218
1947	326364.00	2467405.42	26725.00	202	39	8.329	22	39	0.831
1948	326356.79	2467388.12	26743.74	201	31	53.356	22	39	8.329
1949	326356.35	2467387.02	26744.93	199	15	45.357	21	31	53.356
1950	326355.96	2467385.90	26746.11	197	1	27.516	19	15	45.357
1951	326355.62	2467384.77	26747.29	195	52	21.987	17	1	27.516
1952	326354.87	2467382.17	26750.00	195	52	43.988	15	52	21.987
1953	326348.76	2467360.66	26772.36	193	2	42.434	15	52	43.988
1954	326348.16	2467358.09	26775.00	193	2	48.595	13	2	42.434
1955	326344.69	2467343.11	26790.38	191	52	44.459	13	2	48.595
1956	326344.44	2467341.91	26791.61	189	32	49.116	11	52	44.459
1957	326344.23	2467340.70	26792.83	187	10	38.085	9	32	49.116
1958	326344.08	2467339.49	26794.05	186	1	57.748	7	10	38.085
1959	326343.46	2467333.57	26800.00	186	2	0.807	6	1	57.748
1960	326341.70	2467316.93	26816.74	184	57	40.161	6	2	0.807
1961	326341.60	2467315.78	26817.89	182	40	36.532	4	57	40.161
1962	326341.54	2467314.62	26819.05	180	32	42.668	2	40	36.532
1963	326341.53	2467313.47	26820.20	179	24	13.275	0	32	42.668
1964	326341.58	2467308.66	26825.00	179	24	22.832	359	24	13.275
1965	326341.74	2467293.70	26839.97	172	24	36.947	359	24	22.832
1966	326343.06	2467283.76	26850.00	172	24	17.275	352	24	36.947
1967	326343.96	2467277.03	26856.79	171	5	37.911	352	24	17.275
1968	326344.17	2467275.66	26858.18	168	25	24.067	351	5	37.911
1969	326344.45	2467274.30	26859.57	167	5	56.939	348	25	24.067
1970	326347.90	2467259.25	26875.00	167	6	11.37	347	5	56.939
1971	326349.69	2467251.42	26900.00				347	6	11.37

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 Executive Engineer
 RCD, Road Division
 Mauoharpur

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Road Division, Manoharpur.**

Revised Land Schedule for proposed diversion in Gua - salai Road from Km. '11.00 to 29.00).

Sl. No.	Mauja.	Plot No.	Notified Forest land. (in hectare)	JJ land. (in hectare)	GM land. (in hectare)	Raiyati Non JJ land. (in hectare)	Total Forest land. (in hectare)	Total Non Forest land. (in hectare)
1	2	3	4	5	6	7	8	9
1	Gangda	Ghatkuri RF (Ch. 9000 to Ch.10500).	1.950	0.00	0.00	0.00	1.950	0.000
2	Duiya	Ghatkuri PF (Ch. 20100 to Ch. 24500).	5.720	0.00	0.00	0.00	5.720	0.000
Total :-							7.670	

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COST BENEFIT ANALYSIS

PARAMETERS FOR EVALUATION OF LOSS OF PROFITS.

Sl. No.	Parameter	Road, Tr. Lines,	Minor Irrigation projects, quarrying of stones/metals	Medium & Minor Irrigation, Hydroelectric, large mining & other misc. project.
1	2	3	4	5
1	Loss of value of timber, fuel wood & minor forest produce on annual basis, including loss of man hours per annum of people who diverted livelihood and wages from the harvest of their commodities.	To be determined by Forest Department.		
2	Loss of animal husbandry productivity including loss of fodder.	N.A.		
3	Cost of human resettlement.	N.A.		
4	Loss of public facilities and administration, infrastructures (roads, building, schools, dispensaries, electric line, railways etc.) on forest land if these facilities were diverted due to the project.	N.A.		
5	Environmental to soil erosion, effect on hydrological cycle wild life habitat micro climate upsetting of ecological balance.	N.A. To be determined by Forest Department.		
6	Suffering of outages.	N.A.		

**ANNEXURE – VIII B
COST BENEFIT ANALYSIS**

**PARAMETERS FOR EVALUATION OF BENEFIT,
NOTWITHSTANDING LOSS OF FORESTS**

Sl. No.	Parameter	Road, Tr. Lines.
1	2	3
1.	Increase in productivity attributable to the specific project.	Due to proposed project, tremendous socio economic benefits will be generated with enormous saving in fuel consumption, saving in travel time, reduction in accidents and big boost to the rural and urban economy.
2.	Benefits to economy.	As described in the Economical Analysis, Annexure – VII C.
3.	Number of population benefited.	West Shimbhum district and entire Jharkhand State along with our Nation.
4.	Employment Potential.	The proposed project will generate employment opportunities for the local people during the construction, as well as operational phase. The construction will require approximately 200 to 250 full time workers / operators for a period of about 24 months. In addition, future induced development of the area would result in industrialization of the region and would generate more opportunities if employment for the people of the region.
5.	Cost of acquisition of facility on non-forest land wherever feasible.	Nil.
6.	Loss of (a) agriculture & (b) animal husbandry production due to diversion of forest land.	Nil.
7.	Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement.	Nil. As there are no displaced persons involved.
8.	Cost of supply of free fuel-wood to workers residing in or near forest area during the period of construction.	Nil. As no free fuel wood will be given to the workers during construction.

ANNEXURE – VIII C

1.1 Economic Analysis.

An infrastructure project is subjected to economic appraisal to ensure the investment proposed would yield appropriate return to the national economy. It is therefore important that decisions about investments in roads are made on objective judgements and therefore, Economic appraisal has been carried out for different alternatives of entire Project road.

The basic purpose of the economic analysis is to enable the decision-makers in the Government to decide whether the project is worthy of investment keeping in view the benefits to the society. In order to assess the benefits accrued to the society, both the options of 'with project' and 'without project' have to be compared. For this purpose, the entire existing Road has been considered along with proposed maintenance and improvement proposals.

1.2 Economic Analysis Approach.

The economic evaluation has been carried out within the broad framework of social cost benefit analysis. The objective is to determine the best improvement scheme out of several proposals, which will lead to minimizing total transport costs and maximizing benefits to the road users.

The benefits accruing to society from the proposed improvement are mainly reduced vehicle operating cost, reduced travel time cost and reduced accident cost. Total transport costs comprise of two basic components as shown in **Table 1.1.**

Table 1.1
Total Transport Costs.

Road Supplier Costs.	Road User Costs.
1	2
Construction Costs.	Vehicle Operating Costs (VOC) both MT & NMT.
Maintenance Costs.	Travel Time Costs.
Replacement Costs: Cost of Environmental Impact Mitigation Measures, Costs of Rehabilitation and Resettlement (R&R) measures.	

These costs are generated using HDM – IV for every year of the analysis period (cost-benefit stream) from which economic indicator parameters that essential for viability of project namely Net Present Value (NPV), Economic Rate of Return (EIRR) and Benefit Cost Ratio (B/C) are the final economic outputs.

NPV is that the present value of Net Benefits (NB) during the project period. EIRR is the discount rate at which NPV of the Net Benefit (NB) is zero. Net Benefit is

the cumulative sum of the difference between yearly benefit and yearly costs incurred after discounting.

$$NB = \sum_{n=1}^m (Benefit(n) - Cost(n))$$

Savings from vehicle emission reduction and less energy consumption due to improved facility are also important economic savings which are possible to calculate but these quantities are not converted to economic cost inside the software. So these benefits are not included.

The appraisal period (including the construction period) has been taken as 25 years after which a residual value of investment is assumed as 15 %.

1.3 Project Economic Evaluation using HDM-4

Economic evaluation for Gua – Salai Road from Km. 11.00 to Km.29.00

Road is carried out by consideration of two alternatives In HDM-4.

1.3.1 Alternative 1: Without Project

For without project consideration, project road will carry existing traffic on it without any improvement but maintenance is present condition that means No treatment is given to existing road for improving its capacity augmentation, functional and structural pavement quality and geometry standards however maintenance is done on the Project Road.

1.3.2 Alternative 2: with Project

Widening the existing road to two lane with 12 m roadway width including reconstruction, strengthening, bypasses and realignments to achieve the design speed of 60kmph in rolling area.

1.4 Project Cost and Scheduling

The project road is 18.000 km passes through Gangda, Ghatkuri, Roam, Duia, and meets at Salai Village at Manoharpur Saidal Road (SH-4, Now proposed for National Highway). Project road is being carried out as follows:

Table 1.2 : Alternative Details

Alternatives	Existing Chainage		Design Chainage		Improvement
	From	To	From	To	
Section	11+000	29+000	11+000	29+000	2lane

The project road with existing carriageway width of 3.05 m and is proposed for 2 lane facility which satisfies the project and traffic requirement.

The Economic analysis was carried out for 25 year benefit period (2013-2037). For performing economic evaluation, a 'project' is formulated in which comparison is made between two scenarios namely (1) without any improvements.

1.4.1 Capital Cost.

Project costs have been worked out and given in Chapter-9. For economic evaluation base costs have been taken as factor cost of civil works and other cost related to land acquisition, R&R, environmental mitigation and utility relocations. That means capital cost is the total cost of civil work including cost of land acquisition, R&R, environmental mitigation and utility relocation for the project improvement.

The construction cost is tabulated in Table 1.3 for the year 2013 at which Project will start to implement. The construction cost of project will be utilized in two phases i.e. 60% in first year and 40% in second year as construction period of 2 years.

The cost estimate is based on the quantities worked out for major items of work to be executed in the project on the basis of preliminary engineering design of roads, structures and the adopted rates. A conversion factor of 0.90 has been used to convert financial cost into economic costs.

The economic cost for each Alternative is as under:

Table 1.3 : Total Project Cost

Alternatives	Total Construction Cost Per km	Economical cost per km
Alternative-1	32347822	29113040

1.4.2 Maintenance Cost

For Two lane road

Routine maintenance cost – Rs. 0.25 lac per km per year (2013-14 prices)
 Periodic maintenance cost- Rs. 25 lac per km (40mm BC) 2013-14 Prices)

1.5 Projects Benefits

Project Benefits mainly occurs due to Reduction in Vehicle operating cost and travel time savings.

The vehicle operating cost (VOC) components are

1. Fuel

- Lubricants
- Types
- Spare Parts
- Maintenance Labor
- Wages of Crew
- Fixed costs including overheads, administration, interest on borrowed capital
- Depreciations
- Travel time cost

1.5.1 vehicle Fleet

1.5.1.1 Fleet Utilization

Fleet utilization data adopted for the analysis is based on findings of Road User cost study in 2001, IRC SP: 30-2009. The adopted for the analysis is based on the findings of road User Cost study in 2001, IRC SP: 30-2009. The adopted values are summarized as shown in table below.

Table 1.4: Life Norms for Vehicles

Particulars	Km Driven	Life, Year	Working Hour	Passenger
2 axle Truck	90000	12	1950	-
Multi Axle truck	75000	12	2100	-
3 Axle Truck	75000	12	2100	-
LCV	45500	10	1050	-
Utility Car	45500	10	1500	-
Bus/Mini Bus	125000	10	2400	45
Car/Jeep/Van	87500	10	1750	5
Two Wheeler	28800	10	636	1.5

1.5.1.2 Vehicle and Tyre Cost

Economic costs of vehicle and tyre are derived from the market survey in Jharkhand. Ex-Show Room Price for each category of vehicle have been collected and elements of taxes, duties, freight, dealer's margin and incentives costs. The adopted economic costs are summarized as presented in table below.

Table 1.5: Prices of vehicles

Category	Vehicle	Tyre(Rs.)
2Axle Truck	900000	7075
3 Axle and Multi Axle	1000000	7075
LCV	500000	3500
Utility Car	600000	2250
Bus	850000	7500
Car/Jeep/Van	450000	2250
Two Wheeler	41000	750

1.5.1.3 Fuel & lubricant

The details of fuel and lubricant prices for the state of Jharkhand have been Collected from the petrol pumps on the project road near Jharkhand. Information On Exise, Levy, Cess, Sales, Tax and Agency Charges has also been collected to arrive at economic cost for the analysis. Details of these are summarized in table below.

Table 1.6: Economic Cost of Fuel & Lubricants

Item	Rate	Present Economic Cost/ litre
Petrol	Rs./Litre	68.35
Diesel	Rs./Litre	57.68
Lubricants	Rs./Litre	252.15

1.5.1.4 Maintenance Labour and Crew Wages

Adopted values for Maintenance Labour and Crew Wages are based on the enquiries made by the Consultant with transport operators and workshops in and around the project Road. The adopted values are summarized vide in table below.

**Table 1.7: Labor and Crew Wages
(Cost in Rs.per hour)**

Category	Maint. Labour	Crew Wage
Truck	300	250
3 Axle and Multi Axle Truck	300	275
LCV	250	150
Utility Car	100	75
Bus	200	175
Car/Jeep/Van	100	75
Two wheeler	75	-

1.5.1.5 Annual Overhead

Recommended of the "Study for Uploading Road User Cost Data: 2001" and, IRC SP: 30-2009 are summarized in table below:

Table 1.8: Annual Overheads

Category	Annual Overhead Cost (Rs.)
2 Axle Truck	292500
3 Axle and Multi Truck	358000

Category	Annual Overhead Coast (Rs.)
LCV	228000
Utility Car	210000
Bus	255000
Car/Jeep/Van	180000
Two wheeler	8624

1.5.1.6 Annual Interest

An Economic Interest Rate of 12% has been adopted for the analysis.

1.5.1.7 Time Value of passengers

Time Value of Passenger (Work Trips and Non Work Trips) is arrived based on "Manual of Economic evaluation of Highway Projects in India ("IRC SP:30-2009)". The values of 2009 are upgraded by considering Whole Sale Price Index Ratio for the year 2009 and 2013. Non work time value of passenger is considered 85% of time value of passengers as suggested in IRC SP:30-2009". The adopted values are summarized as given in table below.

Table 1.9 Time Value of passenger

Mode of Travel	Unit	2 Wheeler	Car/Taxi	Bus
Travel time Value RUCS-March 2009	Rs/Hour	32.0	62.5	39.5
WPI Ratio 2013/2009	-	1.39	1.39	1.39
Travel time Value RUCS-May 2013	Rs/Hour	37.9	74.0	46.8
Eq. Non-work Time Value in May 2013	Rs/Hour	6.7	13.1	8.3

1.5.1.8 Time Value of Cargo

Average value of commodity is based on "Manual of Economic evaluation of Highway Projects in India("IRC SP:30- 2009)".Equivalent cost of commodity in 2013-2014 is determined using the WPI ratio (1.39 over 2009). Average payload for each category of freight vehicles is based on axle load survey. Time-delay cost is estimated with an economic interest rate of 12% and economic conversion factor of 0.90 and provided in table below:

Table 1.10: Time Value of Cargo

Vehicle Category	Average Payload (Tonnes)	Average Running Time (hour/Year)	Time -delay Cost (Rs./Hr)
2 Axle Truck	15	1950	38
3 Axle and Multi Axle Truck	17	2100	65
LCV	8.25	1050	23

1.5.1.9 Accident Cost

In case of accidents The value of Rs.864,00,244,000 & 435,000 has been assumed on account of loss to the economy for the Fatal, Damage, Injury and All respectively.

1.5.1.10 HDM Traffic

Following category of fast moving and slow moving vehicles are considered for carrying out HDM 4 Analysis.

- 2 Axle Truck
- 3 Axle Truck
- Multi Axle Truck
- LCV
- Utility Car
- Bus
- Mini Bus
- Car/Jeep/Van
- Two Wheeler

As HDM-4 does not include 3. Wheeler and Agricultural Tractor Categories of Vehicle therefore these categories are not considered in the analysis. Percentage compositions of assigned traffic in AADT on the project road as on year 2013 and adopted for the analysis for the Project road are summarized as given in table below.

Table 1.11: Composition of Motorized Traffic assigned in Project road (MT)

Details	Project Road (Km 11.000-Km29.000)
MAV	95
3-Axle	375
2 Axle TRUCK	664
LCV	438
STANDARD BUS	78
MINI BUS	28
CARS	1172
2- WHEELERS	3837

Adopted traffic growth rates as per traffic analysis is Presented in Table 1.12

Table 1.12 Traffic growth Rate of Motorized Traffic assigned on Project road (MT)%

Year	2012-2016	2017-2021	2022-2026	2027-2031	2032-2036	Beyond 2036
Car	7.79	7.01	6.31	5.68	5.11	5.00
2-W	7.17	6.45	5.81	5.23	5.00	5.00
Buses	5.00	5.00	5.00	5.00	5.00	5.00
LCV Passenger/3 W/Utility Van	6.39	5.75	5.18	5.00	5.00	5.00
LCV	5.01	5.00	5.00	5.00	5.00	5.00
2-Axle/3-Axle	5.62	5.06	5.00	5.00	5.00	5.00
MAV	5.95	5.35	5.00	5.00	5.00	5.00
Tractor	7.73	6.95	6.26	5.63	5.07	5.00
Others	6.22	5.60	5.04	5.00	5.00	5.00

1.6 Economic Internal Rate of Return

Economic Analysis has been carried out for construction option discussed above. Variables considered in for economic analysis of the project are volatile and depend on various factors. In case of economic analysis is also recommended that analysis period should not be long as it may lead to erroneous results.

However, in order to be able to draw the conclusions on common platform Economic Analysis have also been carried out for 25 years of analysis period. The summary of Economic internal rate of return (EIRR) worked out, for construction option based on life cycle cost analysis is presented below.

Economic Analysis was carried out following the methodology and input data discussed in the preceding paragraphs of this chapter using HDM-4 software.

HDM-4 outputs on Annual Discounted Net Benefit Streams with time savings is presented vide **Appendix 1.1**.

HDM-4 output on Benefit Cost Ratio is presented vide **Appendix 1.2**.

The Economic Analysis Summary with time savings (By Alternative) is presented vide **Appendix 1.3**.

The EIRR and NPV at 12% discount rate for the construction package as worked out with and without benefits due to travel time savings are summarized as under:

Table 1-13: Results of Economic Analysis

Sr.no	Details	IRR
1)	Base Cost and Base Benefit	39.37%
2)	Base Cost Increase to 15% With Base benefit	35.89%
3)	Base Cost with Base Benefit Reduced to 15%	35.35%
4)	Base Cost Increase to 15% With Base Benefit Reduced to 15%	33.76%

1.7 Conclusion

The projected road is economically viable for normal case as well as sensitive cases in which EIRR is above 12%

2.0 Economic Analysis

An infrastructure project is subjected to economic appraisal to ensure that the investment proposed would yield appropriate return to the national economy. It is therefore important that decisions about investments in roads are made on objective judgments and therefore Economic appraisal has been carried out for different alternatives of entire Project.

The basic purpose of the economic analysis is to enable the decision-makers in the Government to decide whether the project is worthy of investment keeping in view the benefits to the society. In order to assess the benefits accrued to the society both the options of 'with project' and 'without project' have to be compared. For this purpose, the entire existing Road has been considered along with its proposed maintenance and improvement proposals.

3.0 Economic Analysis Approach

The economic evaluation has been carried out within the broad framework of social cost benefit analysis. The objective is to determine the best improvement scheme out of several proposals which will lead to minimizing total transport costs and maximizing benefits to the road users.

The benefits accruing to society from the proposed improvement are mainly reduced vehicle operating cost reduced travel time cost reduced travel time cost and reduced accident costs. Total transport costs comprise of two basic components as shown in Table 1.1

Table 1-1: Total Transport Costs

Road Supplier Costs	Road User Costs
Construction Costs	Vehicle operating Costs (VOC) both MT&NT
Maintenance Costs	Travel Time costs
Replacement Costs: costs of Environmental Impact Mitigation Measures, costs of Rehabilitation and Resettlement (R&R) measures	

These costs are generated using HDM- IV for every year of the analysis period (cost-benefit stream) from which economic indicator parameters that essential for viability of project namely Net Present Value (NPV), Economic Rate of Return (EIRR) and Benefit Cost Ratio (B/C) are the final economic outputs.

NPV is the present value of Net Benefits (NB) is zero. Net Benefit is the cumulative sum of the difference between yearly benefit and yearly costs incurred after discounting.

$$NB = \sum_{n=1}^m (Benefit(n) - Cost(n))$$

The appraisal period (including the construction period) has been taken as 25 years after which a residual value of investment is assumed as 15%.

4.0 Project Economic Evaluation using HDM-4

Economic evaluation for Gua – Salai Road from Km. 11.00 to Km. 29.00 road is carried out by consideration of two alternatives in HDM-4.

4.1.1 Alternative 1. Without Project

For without project consideration project consideration , project road will carry existing traffic on it without any improvement but maintenance is provided in present condition that means No treatment is given to existing road for improving its capacity augmentation, functional and structural payment quality and geometry standards however maintenance is done Road.

4.1.2 Alternative 2: with Project

Widening the existing road to two lane with 12m roadway width including reconstruction, strengthening, by passes and realignments to achieve the design speed of 80kmph in plain/rolling area and 50kmph in hilly area.

5.0 Project Cost and Scheduling

The project road is ^{18.00}~~9.00~~ km long and passes through Gua, Nuiya. Project road is proposed to undertake work of strengthening, rehabilitation the existing road. Accordingly, economic analysis of the project road is being carried out as follows:

Table 1-2: Alternative Details

Existing Chainage		Design Chainage		Improvement
From	To	From	To	
11+000	29+000	11+000	29+000	2 lane

The project road with exiting carriageway width of 5.5 m is proposed for 2 lane facility which satisfies the project and traffic requirement.

The Economic analysis was carried out for 25 year benefit period (2012-2037). For performing economic evaluation, a 'project' is which comparison is made between two scenarios namely (1) without any improvements and (2) with different improvements:

6.0 Capital Cost

Project costs have been worked out and given in chapter-9. For economic evaluation base costs have been taken as factor cost of civil works and other cost related to land acquisition social environmental and utility relocations that mean capital cost is the total construction cost of civil works for the project improvement.

The construction cost is tabulated in Table 1-3 for the year 2015 at which Project will start to implement. The construction cost of project will be utilized in two phases i.e. 40% in first year and 60% in second year as construction period of 2 years.

The cost estimate is based on the quantities worked out for major items of work to be executed in the project on the basis of preliminary engineering design of roads, structures and the adopted rates. A conversion factor of 0.90 has been used to convert financial cost into economic costs.

The economic cost for each Alternative is as under:

Table 1-3: Total Project Cost

Alternatives	Capital Cost Per km	Economical Cost per km
Alternative-1	32347822	29113040

7.0 Maintenance Cost

For Two Lanes with Earthen shoulder road

Routine maintenance cost	-	Rs. 0.25 lac per km per year
Periodic maintenance	-	Rs. 25 lac per km (40mm BC)

8.0 Project Benefits

Project Benefits mainly occurs due to Reduction in vehicle operating cost and travel time savings.

The vehicle operating cost (voc) components are

- Fuel
- Lubricants
- Tires
- Spare Parts
- Maintenance Labor

- Wages of Crew
- Fixed costs including overheads, administration, interest on borrowed capital
- Depreciations
- Travel time cost

9.0 Vehicle Fleet

11.8.1 Fleet Utilization

Fleet utilization data adopted for the analysis is based on the findings of Road User Cost study in 2001, IRC SP: 30-2009. The adopted values are summarized as shown in table below.

Table 1.4: Life Norms for Vehicles

Particulars	Km Driven	Life Year	Working Hour	Passenger
2 Axle Truck	90000	12	1950	-
Multi Axle Truck	75000	12	2100	-
3 Axle Truck	75000	12	2100	-
LCV	45500	10	1050	-
Utility Car	45500	10	1500	-
Bus/Mini Bus	125000	10	2400	45
Car/Jeep/Van	87500	10	1750	5
Two Wheeler	28800	10	636	1.5

10.0 Vehicle Resources

9.9.1 Vehicle and Tire Cost

Economic costs of vehicle and tire are derived from the market survey in Jharkhand. Ex – Show Room Price for each category of vehicle have been collected and elements of taxes, duties, freight, dealer's margin and incentives as applicable have been removed to arrive at the economic costs. The adopted economic costs are summarized as presented in table below.

Table 1.5: Prices of vehicles

Category	Vehicle (Rs)	Tyre (Rs)
2 Axle Truck	900000	7075
3 Axle and Multi Axle Truck	1000000	7075
LCV	500000	3500
Utility Car	600000	2250
Bus	850000	7500
Car/Jeep/Van	450000	2250
Two Wheeler	41000	750

9.9.2 Fuel & Lubricant

The details of fuel and lubricant prices for the state of Jharkhand have been collected from the petrol pumps on the project road near Jharkhand. Information on Excise, Levy, Cess, Sales Tax and Agency Charges has also been collected to arrive at economic cost for the

Analysis. Details of these are summarized in table below.

Table 1.6: Economic Cost of Fuel & Lubricants

Item	Rate	Present Economic Cost/Litre
Petrol	Rs./Litre	68.35
Diesel	Rs./Litre	57.68
Lubricants	Rs./Litre	252.15

9.9.3 Maintenance Labor and Crew Wages

Adopted values for Maintenance Labour and crew wages are based on the enquiries made by the Consultants with transport operators and workshops in and around the project Road. The adopted values are summarized vide in table below.

Table 1.7 : Labour and Crew Wages

Category	Maint.Labor	(Cost in Per Hour)
		Crew Wage
Truck	300	250
3 Axle and Multi axle truck	300	275
LCV	250	150
Utility Car	100	75
Bus	200	175
Car/Jeep/Van	100	75
Two Wheeler	75	-

9.9.4 Annual Overhead

Recommendations of the "study for Updating road User Cost Data: 2001" and IRC SP: 30-2009 are considered to arrive at annual overhead cost per vehicle and are summarized in table below:

Table 1.8 : annual Overheads

Category	Annual Overhead Cost (Rs.)
2 Axle truck	192500
3 Axle and Multi Axle Truck	258000
LCV	128000
Utility Car	110000
Bus	155000
Car/Jeep/Van	80000
Two Wheeler	6624

9.9.5 Annual Interest

An Economic Interest rate of 12% has been adopted for the analysis.

9.9.6 Time value of Passengers

Time value of Passenger (work Trips and non work Trips) is arrived based on "Manual of Economic evaluation of highway project in India ("IRC SP:30-2009)". The values of 2009 are upgraded by considering Whole sale Price Index ratio for the year 2009 and 2013. Non work time value of passenger is considered 15% and work time value of passenger is considered 85% of time value of passengers as suggested in IRC SP: 30-2009". The adopted values are summarized as given in table below.

Table 1.9: Time Value of Passengers

Model of Travel	Unit	2 Wheeler	Car/Taxi	Bus
Travel time Value RUCS-March2009	Rs/Hour	32.0	62.5	39.5
WPI ratio 2013/2009	-	1.39	1.39	1.39
Travel time Value RUCS-May 2013	37.9	74.0	46.8	
Eq. Non-work time Value in May2013	Rs./Hour	6.7	13.1	8.3

9.9.7 Time Value of Cargo

Average value of commodity is based on "manual of Economic evaluation of Highway projects in India ("IRC SP: 30-2009)". Equivalent cost of commodity in 2013-2014 is determined using the WPI ratio (1.39 over 2009). Average payload for each category of freight vehicles is based on axle load survey. Time -delay cost is estimated with an economic interest rate of 12% and economic conversion factor of 0.90 and provided in table below:

Table 1.10: time Value of Cargo

Vehicle category	Average Payload (Tonners)	Average Running Time (hour/year)	Time -delay Cost (Rs./hr)
2 Axle Truck	15	1950	38
3 Axle and multi Axle Truck	17	2100	65
LCV	8.25	1050	23

9.9.8 Accident cost

In case of accidents The value of Rs.864,000,244,000,198,000 & 435,000 has been assumed on account of loss to the Fatel, Damage, Injury and All respectively

9.9.9 Social benefits

Social benefit in terms of land development along the project road after improvement has been considered Rs. 5Cr. Per annum with growth rate of 5% for 10 years for entire road.

11.0 HDM Traffic

Following category of fast moving and slow moving vehicles are considered for carrying out HDM 4 Analysis.

- 2 Axle Truck
- 3 Axle Truck
- Multi Axle Truck
- LCV
- Utility Car
- Bus
- Mini Bus
- Car/Jeep/Van
- Two Wheeler

As HDM-4 does not include 3 wheeler and Agricultural Tractor Categories of Vehicle therefore these categories are not considered in the analysis. Percentage compositions of assigned traffic in AADT on the project road as on year 2013 and adopted for the analysis for the Project road are summarized as given in table below.

Table 1.11: Composition of Motorized Traffic assigned on Project road (MT)

Details	Sec1 (0-9.8)	Sec2 (9.8-42.8)
MAV	0	14
3-Axle	5	25
2 Axle Truck	11	20
LCV	61	34
Standard Bus	8	24
Mini Bus	18	28
Cars	346	338
2-Wheelers	1667	2389

Adopted traffic growth rates as per traffic analysis is Presented in Table 1.12.

Table 1.12 Traffic growth rate of Motorized Traffic assigned on Project road (MT) (%)

	2012	2017	2022	2027	2032	3037
MAV	5.00	5.00	5.00	5.00	5.00	5.00
3-Axle	6.90	5.20	5.00	5.00	5.00	5.00
2 Axle truck	6.90	5.20	5.00	5.00	5.00	5.00
LCV	6.90	5.20	5.00	5.00	5.00	5.00
Standard Bus	5.00	5.00	5.00	5.00	5.00	5.00
Mini Bus	5.00	5.00	5.00	5.00	5.00	5.00
Cars	9.49	7.96	6.76	5.87	5.19	5.00
2-Wheelers	9.14	7.67	6.51	5.65	5.00	5.00

12.0 Economics Internal rate of Return

Economic Analysis has been carried out for construction option discussed above. Variables considered in for economic analysis is also recommended that analysis period should not be long as it may lead to erroneous results.

However, in order to be able to draw the conclusions on common platform Economic Analysis have also been carried out for 25 years of analysis period. The summary of Economic internal rate of return (EIRR) worked out, for construction option based on life cycle cost analysis is presented below.

Economic Analysis was carried out following the methodology and input data discussed in the preceding paragraphs of this chapter using HDM-4 software.

HDM-4 outputs on Annual Discounted Net Benefit Streams with time savings is presented vide **Appendix 1-1**.

HDM-4 output on Benefit Cost ratios presented vide **Appendix 1-2**.

The Economic Analysis Summary with time savings (By Alternative) is presented vide **Appendix 1-3**.

The EIRR and NPV at 12% discount rate for the construction package as worked out with and without benefits due to travel time savings are summarized as under:

Table 1-13: Results Of Economic Analysis

Sr no	Detail	IRR
1)	Base Cost and Base Benefit	16.18%
2)	Base Cost Increase to 15% With Base Benefit	14.47%
3)	Base Cost With Base Benefit Reduced to 15%	14.20%
4)	Base Cost Increase to 15% with Base Benefit Reduced to 15%	13.46%

13.0 Conclusion

The project road is economically viable for normal case as well as sensitive cases in which EIRR is above 12%.

कार्यपालक अभियंता का कार्यालय
पथ निर्माण विभाग, पथ प्रमंडल मनोहरपुर

Mail id:- eercdmanohar-jhr@nic.in

पत्रांक - 598(2400)

/मनोहरपुर, दिनांक - 13.07.2016

प्रेषक :-

कार्यपालक अभियंता,
पथ निर्माण विभाग,
पथ प्रमंडल मनोहरपुर।

सेवा में,

वन प्रमंडल पदाधिकारी,
सारंडा वन प्रमंडल, चाईबासा।

विषय - गुवा-सलाई पथ के कि०मी० 11.00 से कि०मी० 29.00 में वन क्षेत्र वाले पथांश का चौड़ीकरण /मजबूतीकरण / पुनर्निर्माण कार्य हेतु वन भूमि अपयोजन प्रस्ताव में निहित आपत्तियों का निराकरण कर संशोधित प्रस्ताव समर्पित करने के संबंध में।

प्रसंग :- (1) आपका पत्रांक 1036 दिनांक 18.05.16
(2) इस कार्यालय का पत्रांक 457 दिनांक 04.06.16

महाशय,

उपर्युक्त प्रासंगिक विषय के संबंध में कहना है कि विषयांकित कार्य हेतु वन भूमि अपयोजन के लिए प्रस्ताव Online तथा hard copy में समर्पित किया गया था जिसपर आपके प्रासंगिक पत्रांक द्वारा आपत्ति की गयी है जिसका निराकरण निम्नांकित है :

आपके प्रासंगिक पत्र के कंडिका 1 में उठाये गए आपत्ति के आलोक में कहना है कि खण्डित चौड़ाई को 12 मी० मानकर संशोधित वनभूमि की गणना अपयोजन हेतु कर के इस प्रस्ताव के साथ संलग्न किया जा रहा है।

कंडिका 2 में उठाये गए आपत्ति के आलोक में कहना है कि टोपोशीट एवं Aligned मैप (रेखांकन मैप) में पथांश के वन क्षेत्र वाले भाग को रेखांकित कर इस प्रस्ताव के साथ संलग्न किया जा रहा है।

कंडिका 3 में उठाये गए आपत्ति के आलोक में कहना है कि टोपोशीट संख्या F45H7 को online संलग्न किया जा रहा है।

कंडिका 4 में उठाये गए आपत्ति के आलोक में कहना है कि प्रधान मुख्य वन संरक्षक - सह कार्यकारी निदेशक, बंजर भूमि विकाश बोर्ड, झारखण्ड, राँची का पत्रांक 519 दिनांक 03.05.2016 के अनुसार कार्यहित में इसे तैयार कर संलग्न किया जा रहा है Ministry of Environment & Forest, New Delhi द्वारा प्रकाशित Guidelines & Clarifications के Annexure VI(a) के अनुसार 20 हेक्टेयर तक भूमि अपयोजन हेतु Cost Benefit Analysis नहीं देना है।

NPV तथा CA की राशि भुगतान करने का वचनबद्धता प्रस्ताव के पृष्ठ सं० 7 पर दर्ज है। LWE जिलों के लिए CA लागू नहीं है। इस संबंध में वन एवं पर्यावरण मंत्रालय (FC Division) द्वारा निर्गत पत्र दिनांक 16.6.2011 एवं दिनांक 4.7.2014 का अवलोकन किया जा सकता है।

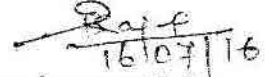
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अतः इस पत्र के साथ आपतियों के निवारण हेतु अनुलग्नक 7 प्रतियों में तैयार कर तथा पूर्व में आपके द्वारा वापस समर्पित मूल प्रस्ताव, जिसकी 7 प्रति में वर्णित अनुलग्नक को संलग्न कर तथा आपके कार्यालय/ उच्चाधिकारियों के पास की 2 प्रतियों हेतु अतिरिक्त अनुलग्नक संलग्न कर अग्रतर कारवाई हेतु समर्पित किया जा रहा है। साथ ही संशोधित समर्पित प्रस्ताव की soft copy तैयार कर एक अदद CD भी संलग्न किया जा रहा है।

अनुरोध है कि कार्य हित में समर्पित प्रस्ताव पर अविलम्ब अग्रतर कारवाई करना चाहेंगे।

अनुलग्नक :- यथोक्त।

विश्वासभाजन



कार्यपालक अभियंता,
पथ निर्माण विभाग,
पथ प्रमंडल, मनोहरपुर।