

Status of Important Projects of Northern Railway
Construction Office, Kashmere Gate, Delhi
(As on 31-01-16)

S. No.	Name of Projects/Works	Approx cost (in crs of `.)	Fund allotment during 2015-16 (In crs of `.)	Present status
	NEW LINES			
1	NANGAL DAM - TALWARA (83.74 KM) NEW BG LINE & TAKING OVER SIDING MUKERIAN-TALWARA (29.16 KM)	2100	100.00	<p>Nangaldam- Churaru Takrala - Amb Andaura (44.25 km) Commissioned.</p> <p>Amb Andaura-Kartoli Punjab (26 km): Work was held up due to shortage of funds. However, Railway Board approved Rs.25 cr in 2013-14 for land acquisition upto Daulatpur Chowk section and accordingly physical possession of land in all 18 villages has been taken over. Work of major bridges upto Daulatpur Chowk completed. Work in progress between Amb Andaura to Chintpurni. Targeted for completion by 31-03-16. Contract for earthwork and minor bridges including SQ3 soil for Amb Andaura to Chintpurni finalised on 27-04-15. Tender for construction of Daulatpur Chowk station and for P.Way linking work awarded on 15-10-15 & 16-10-15 respectively. Tender for 7 RUB awarded on 22-12-15.</p> <p>Revised estimate of Amb Andaura Kartoli Punjab costing Rs.343.43 cr sent to Railway Board for sanction, but Board returned the revised estimate for revision being more than four year old. Revised estimate is under preparation.</p> <p>Part DE for land from Kartauli Punjab to Mukerian sent to Board for sanction.</p>
2	ABOHAR-FAZILKA (42.717 KM)	229.00	0.10	Section commissioned in July, 12.
3	TARNTARAN-GOINDWAL (21.5 KM)	108.20	1.00	<p>Work completed and section commissioned. Revised estimate sanctioned by Railway Board for Rs.108.20 cr. ROB on NH-71-A has to be constructed in this work. State Authorities has not submitted the estimate of approach portion of this ROB as yet. GAD of ROB approved. However ESP of shifting of existing level xing is under approval.</p> <p>Now as per latest MOU between NHAI/MORTH and Railways. ROB's falling on NH have to be executed by NHAI at their own cost.</p>

4	CHANDIGARH LUDHIANA (112 KM)	- 1115.21	1.00	Work completed and commissioned.
5	REWARI-ROHTAK (81.26 KM) INCLUDING NEW MATERIAL MODIFICATION FOR SHFITING OF ROHTAK- GOHANA-PANIPAT THROUGH BYE PASS LINE	902.00	55.00	<p>(A) Rewari-Jhajjar-Rohtak - Section opened for passenger traffic on 08-01-13.</p> <p>(B) Shifting of Rohtak-Gohana-Panipat through bye pass line.</p> <p>The work is sanctioned with 50:50 cost sharing with Haryana Govt.</p> <p>In addition, land is being provided by Haryana Govt free of cost.</p> <p>Out of 21.80 km length of project, 8.90 km length shall run parallel to existing Rohtak-Jind line for which Railway land already exists.</p> <p>For balance length of 12.92 km, approx 163.75 acres (or 66 hectares) of land is required in Rohtak Distt of Haryana, to be provided by Haryana Govt. to Railways, free of cost.</p> <p>Alignment of the Railway line and L-section has been finalised.</p> <p>Commissioner/Rohtak is coordinating the Land Acquisition process from State Govt side. Haryana Govt has nominated Distt Revenue Officer/Rohtak as Land Acquisition Officer for entire project.</p> <p>Joint field survey by Railway alongwith concerned Revenue officials has been completed. Transfer of centre line of proposed rail line on Revenue Maps has been done.</p> <p>Sec (4) notification was issued on 20-12-13 under normal clause.</p> <p>Section VI notification issued on 10-12-14.</p> <p>Recently, State Govt desired to explore the options of taking alignment underground or on pillars (viaduct) to reduce the land acquisition. A meeting of CS with GM/N.Rly & CAO/C was held on 28-04-15. Feasibility is under examination.</p>

				<p>Meeting of CE/PWD/Haryana and CE/C/NC Railway held on 23-05-15 on this issue.</p> <p>State Govt. vide their letter dt.14-08-15 has conveyed approval for elevated track proposal with 50:50 % cost sharing and that Railway will provide 12m wide land along track for construction of road. State Govt. proposal for cost sharing is not acceptable and reference to Railway Board has been made to consider it on deposit terms basis.</p>
6	JIND-SONEPAT(88.90KM)	740	90.00	CRS inspection done on 20-01-16 and 21-01-16 and section opened for traffic.
7	DEOBAND (MUZZAFAR NAGAR) - ROORKEE (27.45 KM)	336.91	51.00	<p>Work sanctioned on 50:50 cost sharing with Uttarakhand Govt. State Govt has increased the land cost sharply and based on revised rate of land, the total cost of land of Uttarakhand State would be approx. Rs.104.98 crores as against Rs.56.07 crores provided in revised estimate. The matter has been referred by Hon'ble MR to Chief Minister of Uttarakhand vide letter No. 2008/W-2/NL/NR/6 Pt. dated 8.10.2012 for absorbing the increase in the land cost, but CM/Uttarakhand has requested to Hon'ble MR for capping Uttarakhand State share upto Rs.160 crs & rest of the cost to be borne by Railways. In view of abnormal increase in land rates, further execution is kept on hold and all ongoing contracts have been shortclosed. Govt. of UP has also been requested not to declare any award & refund Rs 79 cr. deposited for acquisition. Section IV lapsed in June'14 & State Govt. has again been requested to return funds deposited for acquisition. State gov. sought ECS details for remitting money but has been advised to send funds through demand draft.</p>
8	CHANDIGARH-BADDI (33.23 KM)	1672.00	80.00	<p>Although Final location survey was completed and detailed estimate was submitted to Railway Board for sanction, State Govt did not agree to provide the land in Chandigarh City as per the original alignment. Railway Board subsequently informed to link Baddi from Ghanauli on Sirhind-Nangaldam section. Preliminary survey was accordingly done and report submitted to Railway Board on 01.12.2009. Further it was learnt that CDG-Baddi is passing through wild life sanctuary area. Further possibility was explored for alternate route and survey report was sent to Railway</p>

				<p>Board in Nov.'13. The final location survey of Chandigarh -Baddi has been completed. Marking of alignment has been completed on ground. HP & Haryana revenue staff has completed the marking of R/alignment on revenue map. DE duly vetted by finance & approved by GM sent to Railway Board for sanction. Local people represented against land acquisition. Jt. Insp. was done with MLA/KALKA & local leaders. 4 locations were checked for changes suggested by villagers. Report has been sent to Hd. Qtr. Office accordingly. Land papers of Himachal area prepared by revenue deptt. are checked and returned to LAO/Baddi for necessary action. Papers sent to DC. Solan for notification by LAO. Papers further sent by D.C. Solan to Adv. Planning for notification. Notification done on 27-11-15 for construction of social impact assessment unit and State Monitoring Committee by Himachal Pradesh Govt. Area calculation and preparation of plans in progress by Haryana revenue staff. CE/C/NC met with Advisor/Plg/HP and issue of land acquisition chased. CAO/C also held a meeting with Chief Secy. H.P. to expedite land acquisition proceedings. The H.P. Govt. have constituted committee for negotiation with land owners.</p>
9	BHANUPALI-BILASPUR-BERI (63.1 KM)	2966.99	160.00	<p>Part detailed estimate for Bhanupalli-Dharot (20 km) amounting to Rs.350 crore sanctioned. Detailed estimate of Bhanupali-Bilaspur-Beri costing Rs.2967 crores sent to Railway Board for sanction. But Board has advised not to take up the work beyond Dharot till the decision on funding the project is finalised.</p> <p>Contract for Earth work & minor bridges for first 3.00 km awarded. Land acquisition proceedings pended beyond first 3.5 km till the alignment is frozen after detailed investigation for which a contract has been awarded to M/s RITES and work is in progress. HP govt. has started proceeding of land acquisition of their portion. The work has been transferred to RVNL.</p>
10	QADIAN – BEAS (39.68 KM)	205.22	0.10	<p>Part estimate for final location survey has been sanctioned. FLS 4.5 km out of 40 km completed.FLS work had to be stopped due to protest from local villagers, DC/Gurdaspur and DC/Amritsar have been approached .The matter has also been brought to the notice of</p>

				<p>Chief Secretary/Govt of Punjab. Survey for final location again started on 17-10-13 but again villagers of Dapai village obstructed the work. The survey was again started in Mar.'15 but locals objected. In this matter meeting was conducted by Hon'ble MP but matter still to be resolved. Survey again tried in Oct.'15 but locals again protected. Now again survey started in Nov.'15. Local are insisting the same. Police protection demanded from State Govt. Work of FLS started under mild protection of locals.</p>
11	ROHTAK - MEHAM - HANSI (68.8 KM)	576.18	76.24	<p>The work is being executed with 50:50 cost sharing with Haryana Govt.</p> <p>In addition, land is being provided by Haryana Govt free of cost.</p> <p>Approx. 360 hectares of land in about 20 villages in 3 Districts of Haryana i.e. Rohtak, Bhiwani and Hissar is required to be provided by Haryana Govt to Railways free of cost.</p> <p>Alignment of the Railway line & L-section has been finalised & accordingly detailed estimate costing Rs.755 cr has been sent to Board on 12-09-13 but received back with certain observations for which the reply has been sent to Railway Board on 31-01-14. Board has again sent some observations dated 25-08-14. The cost of DE has been reduced to Rs.576.18 cr. & reply sent to Board on 10-11-14.</p> <p>Part DE for Rs.391 cr. has been sanctioned by Railway Board on 26th Oct.'15. Commissioner/Rohtak is coordinating the Land Acquisition process from State Govt. side.</p> <p>Joint field survey by Railway along with concerned Revenue officials has been completed. Transfer of centre line of proposed rail line on Revenue Maps has been done.</p> <p>Earlier Sec (4) notification was issued on 07-10-13 under urgency clause. Denotified on 13-12-13 and now again the notification of section -IV in normal clause done on 20-12-13. Objections under section V have been heard and report submitted by DRO to FC, Chandigarh on 21-02-14.</p>

				Sec.VI Gazette Notification done on 26th June'14. CE/PWD/Haryana during meeting with CE/C/NC Railways on 23-05-15 informed that they have demanded approx Rs.300 crore from State Govt for acquisition of land which is awaited. State Govt. & Railway signed MOU on 10/06/15.
12	UNCHA HAR - AMETHI (66.17 KM)	380.00	30.00	Part estimate for final location survey has been sanctioned. FLS 4.5 km out of 40 km completed.FLS work had to be stopped due to protest from local villagers, DC/Gurdaspur and DC/Amritsar have been approached .The matter has also been brought to the notice of Chief Secretary/Govt of Punjab. Survey for final location again started on 17-10-13 but again villagers of Dapai village obstructed the work. The survey was again started in Mar.'15 but locals objected. In this matter meeting was conducted by Hon'ble MP but matter still to be resolved. Survey again tried in Oct.'15 but locals again protected. Now again survey started in Nov.'15. Local are insisting the same. Police protection demanded from State Govt.
	NEW WORKS 2013-14			
13	DELHI-SOHNA-NUH- FIUROZPUR JHIRKA- ALWAR (104 KM)	1239.00	0.0001	Action will be started by Railway after approval from Railway Board.
14	YAMUNA NAGAR- CHANDIGARH VIA SADHAURA, NARAYANGARH (91 KM)	876.00	0.0001	Action will be started by Railway after approval from Railway Board.
15	FAIZABAD - LALGANJ VIA AKBARGANJ, MAHARAJGANJ AND RAE BAREILI (116 KM)	654.00	0.0001	Action will be started by Railway after approval from Railway Board.
16	HISSAR - SIRSA VIA AGROHA AND FATEHABAD (93 KM)	400.00	0.0001	Action will be started by Railway after approval from Railway Board.
17	CHOLA - BULANSHAHAR (16 KM)	59.00		Action will be started by Railway after approval from Railway Board.
18	FEROZPUR-PATTI (25 KM)	147.00	0.03	Action will be started by Railway after approval from Railway Board.
	DOUBLING			
1	JALANDHAR - PATHANKOT - JAMMU TAWI SECTION (211.26 KM)	781.02	5.00	Second revised estimate amounting to Rs.781.02 cr has been sanctioned by Railway Board vide their letter No. 2002/W-2/DL/NR/2/Vol.II dt. 12-10-15. (A) Sections commissioned : Suchipind-Chakki Bank Block Hut (109 km), Bharoli-Madhopur Punjab (13 km), Jammu

				<p>Tawi-Vijaypur Jammu (21km), Vijaypur Jammu-Basantar Bridge block hut (5.35 km), Sambha-Ghagwal -Hira Nagar-Chhan Arorian (24 km), Chakki Bank-Chakki block hut (3.3 km) and Kathua-Buddhi (12 km).</p> <p>(B) Works in Progress: Chhan Arorian - Buddhi (8 km)</p> <p>Work was held up on account of stay order granted by Hon'ble HC/J&K on Ujh bridge, which has been vacated by Hon'ble HC/J&K in November, 2011. Agency for balance work of Ujh Bridge (27 x 24.46 = 660.42m) has been finalised and work completed. Finishing works are in progress.</p>
2	NEW DELHI - TILAK BRIDGE 5TH AND 6TH LINE (2.65 KM)	137.08	20.00	<p>Work is in advance stage except for widening of Minto Bridge. Clearance has been received from NDMC on 15.11.2012. Work order for girder fabrication sent to NDBH on 21-02-13. GAD of Minto Bridge approved. Revision R2 of ESP has been approved on 20-12-12. Agency finalised on 20-12-13. Soil investigation for foundation design completed. All piers completed. 2/4 abutment completed. 2/6 girder received. Revised estimate amounting to Rs.137.08 cr sanctioned by Railway Board. Due to non availability of Railway land track center is to be kept at 4.72 m for which condonation of Railway Board is being processed.</p>
3	DAYABASTI - GRADE SEPARATOR (6 KM)	156.65	50.00	<p>(i) The work was originally sanctioned in 1999-2000 but was frozen in 2000-01 as the work was planned to be taken up after completion of Gauge conversion of Delhi-Rewari section, as take-off of grade separator from the existing line was possible only after gauge conversion of Delhi-Rewari from MG to BG. Delhi-Rewari section with BG was opened in 2007. The work was de frozen in December 2006. Therefore no action could be taken in the years 1999- 2006.</p> <p>(ii) Design changed from original proposal of construction on embankment to that on viaduct due to poor properties of soil and limited land availability.</p> <p>(iii) Contract awarded for embankment, retaining walls and six bridges & work in progress and nearing completion.(for fixed chainages)</p>

				<p>(iv) 980/3250m retaining wall, 22/24 RCC boxes, 140/153 piles of viaduct portion, one abutment of Br.No.14 completed. Remaining work of viaduct portion and well linking of Br.No.14 is in progress. Physical progress of contract 80%.</p> <p>(v) Casting of girder of viaduct portion in progress. 18 nos. of girder cast.</p> <p>(vi) 11 girder launched. One box under LC-5C completed.</p> <p>(vii) Tender for viaduct, main portion over railway tracks and approaches, Br. No.14, bridge at Lawrence road, RUB etc. for clear chainages was invited and opened on 21-03-14, but was cancelled due to shortage of funds in 2014-15.</p> <p>(viii) Tender for clear portion reinvited and opened on 30.06.15 and under finalisation.</p> <p>(ix) Drawings of girder of viaduct portion approved.</p> <p>(x) Encroachment in area about 30x30 m on Amar Park side removed. Pile foundation has been done in the newly cleared site.</p> <p>(xi) The encroachments (around 2500 nos of jhuggies) on both ends of the alignment of grade separator exist since long time, and are still to be removed affecting work in a stretch of about 900 m. District State Authorities have been approached by Railways for removal of encroachments.</p> <p>(xii) Division is being pursued to clear encroachment in stage to take up work. There is severe resistance from encroachers as well as local Govt representatives.</p> <p>(xiii) Chainage 710-793, earthwork 90% completed.</p>
4	HAPUR-KANKATHER (42.71 KM)	166.60	0.10	Hapur-Simbhaoli-Kankather (43 km) - Section commissioned.
5	UTRAITIA-ZAFRABAD- DOUBLING OF BALANCE 148 KM SECTION WITH MATERIAL MODIFICATION FOR RAE BAREILLY - AKBARGANJ (46.9 KM) AND SULTANPUR-AMETHI (29.22 KM) – WITH NEW MM OF SULTANPUR-KADIPUR(38.7 KM) NEW LINES	1564.94	478.00	(A) The work of doubling of 148 km has been divided in 5 zones and agencies for Earthwork, Blanketing and Minor bridges have been fixed in all 5 zones. All works were stopped by Forest Deptt declaring Railway land as protected Forest. Ban contested by Railways in High Court and stay against Forest Deptt taken in Oct.'11. Hon'ble Supreme Court gave stay on civil work in

			<p>Dec.'13. However, Hon'ble Supreme Court has allowed Railways to restart the work vide order dated 17-02-14.</p> <p>All civil work of 30 km of doubling has been completed during 2013-14.</p> <p>58.78 km track work of doubling has been completed during 2014-15.</p> <p>80 km doubling is targeted to be commissioned during 2015-16.</p> <p>Shiv Nagar-Bandhuian Kalan has been commissioned in Dec.' 15.</p> <p>(B) Raebareli-Akbarganj (New Line) – 46.90 km</p> <p>Final location survey completed. Ground pegging completed on stretches of Govt land. Soil investigation completed at Major Bridge, selected minor bridges and ROB/RUBs locations. Joint survey of all 65 villages completed with Revenue Officials. All papers of section 4(1) submitted to State Govt on 25-10-13. Proposal of funds have been received from Amethi (Rs 76 lacs) and Raebareli (Rs 1003 lacs) districts but decision regarding release of funds is awaited. Land acquisition proceedings are held up for want of release of advance funds.</p> <p>(C) Sultanpur-Amethi (New Line) – 29.22 km</p> <p>Final location survey completed and alignment finalised. Ground pegging on stretches of Govt land completed. Soil investigation at major bridge, selected minor bridges, and ROB/RUBs locations completed. Joint survey of all 37 villages completed with Revenue officials and land acquisition papers for all 37 villages have been submitted for notification under section 4(i).</p> <p>(D) Sultanpur-Kadipur (New Line) – 38.7 km</p> <p>The work has been sanctioned as material modification in 2013-14. Part detailed estimate sanctioned. Agency for FLS, soil investigation and Design Consultancy has</p>
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				been finalized. Final location survey has been completed and L-section/detailed plans are being prepared.
6	TUGHLAKABAD (JOINT CABIN) - PALWAL – 4TH LINE (33.5 KMS)	287.48	25.00	<p>33.5 km of track has been linked between Palwal- Asaoti- Ballabgarh - Faridabad - Faridabad New Town and Tughlakabad Junction Cabin. All bridges have been completed. All RRI buildings at 7 stations vis Palwal, Asaoti, Piyala, Ballabgarh, Faridabad New Town, Faridabad and Tughlakabad Jn cabin completed. Revised ESPs approved on 19-11-12. Palwal yard remodelling completed on 06-09-15</p> <p>Yard remodelling of Asaoti completed on 11.10.15 & section Palwal-Asaoti opened on 19-10-15 with 70 KMPH after CRS inspection.</p> <p>Asaoti-Ballabgarh targeted for March, 2016. No offer received in S&T tender and date for taking up the balance section beyond Asaoti - Tughlkabad Jn cabin remains uncertain due to S&T Department.</p>
7	KHUKRANA-PANIPAT (8KM)	51.94	2.00	<p>CRS inspection done on 21.06.15 & 22-06-15 and section opened for traffic</p> <p>Revised estimate amounting to Rs. 51.94 cr was sent to Railway Board for sanction but received back with observations which have been complied with & reply submitted to Railway Board.</p>
8	JAKHAL-MANSA- DOUBLING ON SPR SECTION (45.2KM)	162.96	15.00	<p>First Phase commissioning from Jakhal to Budhlada (29.20 km) done in Feb'15. 2nd & last phase commissioning from Budhlada to Mansa (15.867 km) done in April,15.</p> <p>Revised estimate vetted by associate finance & approved by GM is under process of sanction.</p>
9	PHAPHAMAU - ALLAHABAD (12.9 KM) WITH NEW MATERIAL MODIFICATION FOR BYE PASS LINE BETWEEN NORTHERN RAILWAY AND NORTH EASTERN RAILWAY TRACK	151.87	70.00	<p>(A) Agency for earthwork, blanketing and minor bridges for doubling terminated. Tender for earthwork, blanketing and bridges opened on 08-07-15 discharged. Agency for minor bridges finalized. Tender for earthwork has been opened on 04-12-15 & under finalization. Ballast supply 30000 cum. completed.</p>

				<p>Contract for important bridge at Ganga terminated. Proposal initiated for renovation of termination and termination has been revoked by GM on 14-10-15. Mobilisation for starting the work under progress.</p> <p>(B) Bye pass line between Northern Railway and North Eastern Railway track near Allahabad sanctioned as material modification in 2013-14 costing Rs. 52 cr.</p> <p>Final location survey of NR/NER bye pass line completed. Joint survey with State Authorities completed.</p> <p>State Authorities have confirmed that entire land belongs to Railway but a part was given on patta in 1975. Division has been requested to evict encroachments. ESP of bye pass line is under approval.</p> <p>(C) Material modification for Electrification of 2nd line between Phaphamau-Allahabad (12.9 RKM) Doubling between Phaphamau-Allahabad amounting to Rs.7.15 cr has been sanctioned by Railway Board in July'15.</p>
10	<p>MANSA - BHATINDA (53KM) (PHASE-I), INCL. NEW MATERIAL MODIFICATION FOR RAMA MANDI (RAMAN) – MAUR MANDI (MAUR) VIA TALWANDI SABOO (29.11 KM) – NEW LINE</p>	369.00	60.00	<p>(A) Doubling of Mansa - Bathinda</p> <p>Earthwork 3.40/3.50 lac cum, Blanketing 1.30/1.30 lac cum, Ballast 1.39/1.46 lac cum, Minor bridges 49/54 completed All three major bridges completed.</p> <p>Section from Mansa to Kotfateh (34.50 km) commissioned on 25-12-15. Formation ready for Kotfateh to Bathinda. 4 km track linking done.</p> <p>(B) New Line between Rama Mandi (Raman) – Sadasinghwala via Talwandi Sabo (29.11 km)</p> <p>Work of New Line between Rama Mandi (Raman) to Sadasinghwala costing Rs. 218 crore has been included as Material Modification in 2013-14. Formal sanction from Railway Board has been received on 29-04-14. FLS is in progress. 30 km centre line identification and levelling done. Marking on revenue records awaited from State Govt.</p>

11	LOHTA - BHADOHI (39 KM)	167.02	55.00	<p>All civil works in Lohta-Chaukhandi-Sewapuri -Kapsehi-Parsipur (30.25 km) doubling have been completed.</p> <p>Track linking completed between Parsipur - Bhadohi in Aug.'15. Major Bridge number 122 has been completed. Tender for supply of ballast opened on 10-09-15 has been discharged. Fresh planning has been done to take ballast in yards and tender has been invited on 06.01.2015. In addition ballast through DMT is also being planned from NFR.</p> <p>(B) Material modification for Electrification of 2nd line between Lohta-Bhadohi (39 RKM/52 TKM) section Doubling work of Lohta-Bhadohi amounting to Rs.28 cr has been sanctioned by Railway Board in July'15. Work is in progress.</p>
12	AMBALA CANTT - DHAPPER (22.45KM) (PHASE-I), WITH NEW MM OF DHAPPER - CHANDIGARH (22.71 KM)	338.54	220.00	<p>(A) Section opened for traffic on 05-10-15.</p> <p>(B) Material modification for doubling of Dhapper to Chandigarh amounting to Rs.199 cr has been sanctioned by Railway Board on 02-01-2013. L-section approved. Tender for Earthwork (50%), blanketing etc. awarded on 13-07-15 and work is in progress. Plan for Ghaggar station approved. Agency for substructure of major bridges,ballast procurement, station building & LHS finalised. Further tender for superstructure awarded. Work of sub structure of major br.262 in progress. (75%) and Ghaggar stn. bldg.(70%). 4 no. LHS provided in lieu of LCs Nos. 118, 119, 113 and 114 approach work completed at all four locations.</p>
13	CHAKKI BANK - BHAROLI (3.5 KM)	15.00	0.50	Section commissioned in Oct.'15.
14	JALANDHAR CANTT - SUCHI PIND - DOUBLING WITH ELECTRIFICATION (3.5 KM)	22.50	5.25	All civil works have been completed. Yard works are in progress.
15	SAMBHA - VIJAYPUR JAMMU - DOUBLING ACROSS BASANTER BRIDGE (3.66KM)	49.57	10.00	Work of sub structure has been completed. Steel super structure (12 x 30.5m OWG) has been launched by Dy.CE/Br.line /TKJ. Bearings fixed, steel channel sleeper fixed, P.way linking in progress.
16	BHADOHI - JANGHAI (31 KM)	156.76	55.00	(A) All civil works in doubling of Bhadohi-Janghai have been completed. Yard work and ballasting is in progress.

				(B) Material modification for Electrification of 2nd line between Bhadohi-Janghai (31 RKM/41 TKM) section doubling work of Bhadohi-Janghai amounting to Rs.23.80 cr has been sanctioned by Railway Board in July'15. Work in progress.
17	KATHUA-MADHOPUR PUNJAB - DOUBLING ACROSS RAVI BRIDGE (2.5KM)	96.05	40.00	Agency for substructure of bridge was finalized. However, due to non submission of performance guarantee, the work was terminated. Thereafter, tenders were opened on 06-06-13 and again on 08.01.15 both of which were discharged. Now, again tender opened on 06-04-15 & awarded. 12 well curbs casted, 13 cutting edge placed. Steining – 39.05m, sinking 16m.
18	KATHUA - MADHOPUR - DOUBLING ACROSS BR. NO. 16, 18 AND 19	19.70	13.00	Work of Br.No. 19 completed. Agency for Br.No.16 & 18 finalised. Br. No.16 - Sub structure completed. Work order for fabrication of steel girder sent to Manmad workshop & fabrication in progress. Br. No.18 - A1- Abutment cap left only. P1-Pier completed. Pier cap casted. P-2, P-3, A-2-completed.
19	MIRTHAL - BHANGALA - DOUBLING ACROSS BEAS BRIDGE	74.17	35.00	DE sanctioned. GAD approved. Agency for sub-structure finalized & work in progress. 13 Nos. cutting edges placed and well curb casting done. Steining done - 244m, sinking - 243m. Sinking completed in A1, P-1 to P-12 wells plugged at A1, P1- P12. Pier caps completed - P1 to P6, P-8,to P-11. Pier caps in progress -P-7 Well sinking in progress at A-2,well cap A-1 completed. Fabrication of girders in progress at JRC workshop. 7 girders reached at site. Tender for assembly launching awarded. Work of metallising started at site. Assembly of 5 girder completed.
20	MEERUT - MUZAFAR NAGAR - PATCH DOUBLING (55.47 KM)	377.44	375.00	Detailed estimate sanctioned. L-section approved. Agencies for Earthwork, Blanketing, Minor Bridges etc finalized for entire section. Earthwork & blanketing for entire section between Meerut-, Khatauli stretch & in entire section between , Khatauli -Muzzafarnagar except 400m stretch completed. All minor bridges except 1 in Meerut- Khatauli & except 1 in Khatauli - Muzzafarnagar completed. All earthwork, blanketing & minor bridges in mid section completed. All ESP approved.

				<p>Contract for construction of quarters, station building, leading of sleepers, major bridges & ballast supply for zone-I & II awarded. 55000 cum ballast supplied. 23000 sleepers unloaded & another 53000 transported. Construction of quarters at Ghaziabad & Construction of building at Meerut Cantt, Pablikhas and Daurala taken up. Pablikhas station & Meerut Cantt building given to S&T. Daurala will be handed over by 28-02-16. Tender for platforms for zone-I awarded. Construction of platform wall taken up at 3 stations. Tenders for P.Way linking, FOB & station building of Meerut-, Khatauli section awarded & agencies mobilising. Tender for station building, qtrs., platform & FOB on, Khatauli - Muzaffarnagar section invited & opening on 6-2-16.</p>
21	HARIDWAR - LAKSAR (27.03 KM)	346.63	130.00	<p>02/06 ESP approved. 5/6 ESPs are under approval. Geotechnical investigation work completed. L section approved & GAD of major Br. No.3 & 21 approved. Tenders for E/work, blanketing and minor bridge, substructure of major bridges and civil work/service building etc awarded.</p> <p>Material modification for Electrification of 2nd line between Laksar-Haridwar (27.03 RKM) section doubling work between Laksar-Haridwar section amounting to Rs.16.66 cr has also been sanctioned by Railway Board in July'15.</p>
22	ANAND VIHAR - TILAK BRIDGE - 3RD AND 4TH LINE (9.77 KM)	295.68	2.00	<p>Part estimate amounting to Rs. 1.70 cr sanctioned. Agencies have been finalised for soil investigation and 'final location survey (FLS). Soil investigation work and FLS work are in progress. Plate load tests on various bridges sites completed. Delhi division has approved alignment in principal. Detailed estimate is under process. ESP under process.</p>
23	ALAM NAGAR - URETIA (20 KM)	200.00	4.57	<p>New work sanctioned in PB 2015-16. Part DE has been sanctioned. Detail DPR along with ROR has been sent to Railway Board for sanction. Observations have been raised from FC office reply of which has been sent to HQ office. Railway Board has raised certain observations on calculation of ROR which has been forwarded to division. The observations of Railway Board has been replied after taking fresh ROR from division. Tenders for major bridge and earthwork and minor bridge have been invited.</p>

24	RAJPURA-BHATINDA (172KM)	1720.00	39.33	New work sanctioned in PB 2015-16. Detailed estimate and DPR is under process of sanction of Railway Board.
25	MUZAFFAR NAGAR- TAPRI (52 KM)	500.00	11.43	New work sanctioned in PB 2015-16. Site survey by total station completed. L section and X section under preparation. DE vetted by finance. Concept yard plans approved by division. DPR submitted to Railway Board. ESP of yards being developed. Tenders for earthwork, blanketing and minor bridges invited & opened. Tender for major bridges, FOB, station building, platform, quarters, cover on platform are being invited.
26	AMBALA (MOHRI SHAMBHU) - BYE PASS (7 KM)	150.00	3.43	New work sanctioned in PB 2015-16. Work proposed to be dropped by N.Rly. as not feasible.