



डेडीकेटेड फ्रेट कोरीडोर

DESIGN AND CONSTRUCTION OF CIVIL, STRUCTURES AND TRACK WORKS FOR SINGLE LINE RAILWAY INVOLVING FORMATION IN EMBANKMENTS/CUTTINGS, BALLAST ON FORMATION, TRACK WORKS, BRIDGES, STRUCTURES, BUILDINGS, YARDS, INTEGRATION WITH IR EXISTING RAILWAY SYSTEM AND TESTING & COMMISSIONING ON DESIGN-BUILD LUMP SUM BASIS FOR SAHNEWAL - PILKHANI SECTION OF EASTERN DEDICATED FREIGHT CORRIDOR

Contract Package: 301

ICB No. HQ/EN/EC/D-B/SAHNEWAL - PILKHANI

PART - 4 - REFERENCE DOCUMENT

CO-ORDINATES - VOLUME - 2

SAHNEWAL TO PILKHANI

From Km. 360.200 to Km. 187.500

CO-ORDINATES

EMPLOYER
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LIMITED
(A GOVERNMENT OF INDIA ENTERPRISES)
MINISTRY OF RAILWAYS
COUNTRY : INDIA

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
Ambala Detour				
1	2	3	4	5
1	67551.118	180000.152	140455.662	278.313
2	67560	179995.329	140463.121	278.347
3	67580	179984.43	140479.89	278.423
4	67600	179973.409	140496.579	278.5
5	67620	179962.179	140513.129	278.576
6	67640	179950.661	140529.479	278.652
7	67660	179938.775	140545.563	278.728
8	67663.118	179936.885	140548.042	278.74
9	67680	179926.456	140561.318	278.805
10	67700	179913.691	140576.713	278.881
11	67720	179900.492	140591.738	278.957
12	67740	179886.869	140606.38	279.034
13	67760	179872.833	140620.627	279.11
14	67780	179858.396	140634.467	279.186
15	67800	179843.569	140647.889	279.262
16	67820	179828.365	140660.881	279.339
17	67840	179812.796	140673.434	279.415
18	67860	179796.875	140685.538	279.491
19	67880	179780.614	140697.181	279.568
20	67900	179764.028	140708.355	279.644
21	67920	179747.129	140719.051	279.72
22	67940	179729.931	140729.26	279.796
23	67960	179712.449	140738.973	279.873
24	67980	179694.697	140748.183	279.949
25	68000	179676.688	140756.882	280.025
26	68020	179658.439	140765.062	280.101
27	68040	179639.963	140772.719	280.178
28	68060	179621.276	140779.844	280.254
29	68080	179602.393	140786.432	280.33
30	68100	179583.33	140792.479	280.407
31	68120	179564.101	140797.978	280.483
32	68140	179544.724	140802.926	280.559
33	68160	179525.228	140807.318	280.635

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
34	68180	179505.584	140811.151	280.712
35	68200	179485.854	140814.422	280.788
36	68220	179466.038	140817.128	280.864
37	68240	179446.154	140819.266	280.941
38	68260	179426.216	140820.836	281.017
39	68280	179406.242	140821.835	281.093
40	68300	179386.247	140822.263	281.169
41	68320	179366.248	140822.121	281.246
42	68340	179346.262	140821.406	281.322
43	68353.564	179332.723	140820.597	281.374
44	68360	179326.304	140820.122	281.398
45	68380	179306.387	140818.306	281.475
46	68400	179286.514	140816.056	281.551
47	68420	179266.682	140813.473	281.627
48	68440	179246.881	140810.66	281.703
49	68460	179227.098	140807.719	281.78
50	68465.564	179221.596	140806.891	281.801
51	68480	179207.321	140804.742	281.856
52	68500	179187.544	140801.766	281.932
53	68520	179167.766	140798.789	282.008
54	68531.414	179156.479	140797.091	282.052
55	68540	179147.989	140795.813	282.052
56	68560	179128.212	140792.836	282.052
57	68580	179108.434	140789.86	282.052
58	68600	179088.657	140786.883	282.052
59	68620	179068.88	140783.906	282.052
60	68640	179049.103	140780.93	282.052
61	68660	179029.325	140777.953	282.052
62	68680	179009.548	140774.977	282.052
63	68700	178989.771	140772	282.052
64	68720	178969.994	140769.024	282.052
65	68740	178950.216	140766.047	282.052
66	68760	178930.439	140763.071	282.052
67	68780	178910.662	140760.094	282.052
68	68800	178890.885	140757.117	282.052

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
69	68820	178871.107	140754.141	282.052
70	68840	178851.33	140751.164	282.052
71	68860	178831.553	140748.188	282.052
72	68880	178811.776	140745.211	282.052
73	68881.414	178810.377	140745.001	282.052
74	68900	178791.998	140742.235	281.979
75	68920	178772.221	140739.258	281.9
76	68940	178752.444	140736.281	281.821
77	68960	178732.667	140733.305	281.742
78	68971.526	178721.269	140731.589	281.697
79	68980	178712.889	140730.33	281.664
80	69000	178693.105	140727.4	281.585
81	69020	178673.3	140724.615	281.506
82	69040	178653.462	140722.074	281.427
83	69060	178633.583	140719.881	281.349
84	69080	178613.66	140718.137	281.27
85	69083.526	178610.142	140717.883	281.256
86	69100	178593.697	140716.935	281.191
87	69120	178573.707	140716.304	281.112
88	69140	178553.708	140716.244	281.033
89	69160	178533.715	140716.755	280.955
90	69180	178513.745	140717.838	280.876
91	69200	178493.814	140719.49	280.797
92	69220	178473.939	140721.711	280.718
93	69240	178454.135	140724.499	280.64
94	69260	178434.418	140727.852	280.561
95	69280	178414.806	140731.767	280.482
96	69300	178395.313	140736.24	280.403
97	69320	178375.956	140741.268	280.325
98	69340	178356.751	140746.848	280.246
99	69360	178337.713	140752.973	280.167
100	69380	178318.858	140759.64	280.088
101	69400	178300.2	140766.843	280.009
102	69420	178281.756	140774.576	279.931
103	69440	178263.541	140782.833	279.852

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
104	69460	178245.569	140791.606	279.773
105	69480	178227.855	140800.89	279.694
106	69500	178210.413	140810.676	279.616
107	69520	178193.258	140820.956	279.537
108	69540	178176.404	140831.722	279.458
109	69560	178159.864	140842.965	279.379
110	69580	178143.652	140854.675	279.3
111	69600	178127.781	140866.845	279.222
112	69620	178112.265	140879.462	279.143
113	69640	178097.115	140892.518	279.064
114	69660	178082.344	140906.002	278.985
115	69680	178067.965	140919.901	278.907
116	69700	178053.988	140934.206	278.828
117	69720	178040.426	140948.905	278.749
118	69740	178027.289	140963.984	278.67
119	69760	178014.589	140979.433	278.591
120	69780	178002.335	140995.239	278.513
121	69800	177990.537	141011.388	278.434
122	69820	177979.206	141027.867	278.355
123	69840	177968.35	141044.664	278.276
124	69860	177957.978	141061.763	278.198
125	69880	177948.099	141079.152	278.119
126	69900	177938.721	141096.816	278.04
127	69920	177929.851	141114.741	277.961
128	69940	177921.497	141132.912	277.882
129	69960	177913.665	141151.314	277.804
130	69980	177906.363	141169.933	277.725
131	70000	177899.595	141188.752	277.646
132	70020	177893.368	141207.757	277.567
133	70040	177887.686	141226.932	277.489
134	70060	177882.554	141246.262	277.41
135	70080	177877.976	141265.73	277.331
136	70100	177873.957	141285.322	277.252
137	70120	177870.499	141305.02	277.173
138	70140	177867.605	141324.809	277.095

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
139	70160	177865.277	141344.672	277.016
140	70180	177863.518	141364.594	276.937
141	70200	177862.329	141384.558	276.858
142	70220	177861.71	141404.547	276.78
143	70240	177861.663	141424.547	276.701
144	70260	177862.187	141444.539	276.622
145	70280	177863.282	141464.509	276.543
146	70300	177864.947	141484.438	276.465
147	70302.917	177865.238	141487.341	276.453
148	70320	177867.17	141504.314	276.386
149	70340	177869.874	141524.13	276.307
150	70360	177872.956	141543.891	276.228
151	70380	177876.315	141563.607	276.149
152	70400	177879.849	141583.292	276.071
153	70414.917	177882.539	141597.964	276.012
154	70420	177883.458	141602.963	275.992
155	70440	177887.074	141622.634	275.913
156	70460	177890.69	141642.304	275.834
157	70480	177894.306	141661.975	275.756
158	70500	177897.922	141681.645	275.677
159	70520	177901.539	141701.315	275.598
160	70540	177905.155	141720.986	275.519
161	70560	177908.771	141740.656	275.44
162	70580	177912.387	141760.326	275.362
163	70600	177916.003	141779.997	275.283
164	70620	177919.619	141799.667	275.204
165	70640	177923.236	141819.338	275.125
166	70660	177926.852	141839.008	275.047
167	70680	177930.468	141858.678	274.968
168	70700	177934.084	141878.349	274.889
169	70720	177937.7	141898.019	274.81
170	70740	177941.316	141917.689	274.731
171	70760	177944.932	141937.36	274.653
172	70780	177948.549	141957.03	274.574
173	70800	177952.165	141976.701	274.495

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
174	70820	177955.781	141996.371	274.416
175	70836.392	177958.745	142012.493	274.352
176	70840	177959.397	142016.041	274.338
177	70860	177962.986	142035.717	274.259
178	70880	177966.456	142055.413	274.18
179	70900	177969.707	142075.147	274.101
180	70920	177972.637	142094.931	274.022
181	70940	177975.144	142114.773	273.944
182	70948.392	177976.046	142123.116	273.911
183	70960	177977.13	142134.673	273.865
184	70980	177978.547	142154.622	273.786
185	71000	177979.395	142174.604	273.707
186	71020	177979.67	142194.601	273.629
187	71040	177979.375	142214.598	273.55
188	71060	177978.508	142234.579	273.471
189	71080	177977.071	142254.526	273.392
190	71100	177975.065	142274.425	273.313
191	71120	177972.491	142294.258	273.235
192	71140	177969.351	142314.009	273.156
193	71160	177965.649	142333.663	273.077
194	71180	177961.386	142353.203	272.998
195	71200	177956.568	142372.613	272.92
196	71220	177951.196	142391.877	272.841
197	71240	177945.277	142410.98	272.762
198	71260	177938.814	142429.907	272.683
199	71280	177931.813	142448.641	272.605
200	71300	177924.28	142467.167	272.526
201	71320	177916.22	142485.47	272.447
202	71331.414	177911.387	142495.811	272.402
203	71340	177907.641	142503.536	272.402
204	71360	177898.55	142521.349	272.402
205	71380	177888.953	142538.896	272.402
206	71400	177878.859	142556.161	272.402
207	71420	177868.275	142573.13	272.402
208	71440	177857.842	142589.791	272.402

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
209	71460	177845.677	142606.128	272.402
210	71480	177833.68	142622.13	272.402
211	71500	177821.23	142637.782	272.402
212	71520	177808.339	142653.072	272.402
213	71540	177795.016	142667.987	272.402
214	71560	177781.272	142682.516	272.402
215	71580	177767.119	142696.646	272.402
216	71600	177752.568	142710.366	272.402

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
Rajpura Detour				
1	94160	159953.38	156564.134	276.352
2	94180	159937.53	156576.332	276.431
3	94200	159921.68	156588.53	276.51
4	94220	159905.831	156600.728	276.589
5	94240	159889.981	156612.926	276.667
6	94260	159874.131	156625.124	276.746
7	94280	159858.282	156637.321	276.825
8	94300	159842.432	156649.519	276.904
9	94320	159826.583	156661.717	276.983
10	94340	159810.733	156673.915	277.062
11	94360	159794.883	156686.113	277.141
12	94380	159779.034	156698.311	277.219
13	94400	159763.184	156710.509	277.298
14	94420	159747.335	156722.707	277.377
15	94440	159731.485	156734.905	277.456
16	94453.495	159720.791	156743.135	277.509
17	94460	159715.635	156747.103	277.535
18	94480	159699.763	156759.272	277.614
19	94500	159683.815	156771.34	277.692
20	94520	159667.734	156783.232	277.771
21	94540	159651.467	156794.867	277.85
22	94560	159634.964	156806.164	277.929
23	94573.495	159623.673	156813.554	277.982
24	94580	159618.181	156817.04	278.008
25	94600	159601.096	156827.436	278.087
26	94620	159583.721	156837.34	278.166
27	94626.31	159578.181	156840.361	278.19
28	94640	159566.072	156846.747	278.244
29	94660	159548.191	156855.706	278.323
30	94680	159530.13	156864.295	278.402
31	94700	159511.935	156872.599	278.481
32	94720	159493.65	156880.701	278.56
33	94740	159475.314	156888.688	278.639

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
34	94746.31	159469.525	156891.198	278.663
35	94760	159456.964	156896.644	278.717
36	94780	159438.615	156904.598	278.796
37	94800	159420.265	156912.553	278.875
38	94820	159401.915	156920.508	278.954
39	94821.864	159400.204	156921.249	278.961
40	94840	159383.569	156928.474	279.033
41	94860	159365.259	156936.518	279.112
42	94880	159347.022	156944.729	279.191
43	94900	159328.901	156953.191	279.269
44	94920	159310.94	156961.989	279.348
45	94940	159293.19	156971.204	279.427
46	94941.864	159291.548	156972.087	279.434
47	94960	159275.701	156980.904	279.506
48	94980	159258.495	156991.1	279.585
49	95000	159241.588	157001.783	279.664
50	95020	159224.994	157012.945	279.742
51	95040	159208.724	157024.576	279.821
52	95060	159192.794	157036.668	279.9
53	95080	159177.216	157049.209	279.979
54	95100	159162.002	157062.19	280.058
55	95120	159147.166	157075.601	280.137
56	95140	159132.718	157089.43	280.215
57	95160	159118.672	157103.666	280.294
58	95180	159105.037	157118.298	280.373
59	95200	159091.827	157133.313	280.452
60	95220	159079.051	157148.699	280.531
61	95240	159066.719	157164.445	280.61
62	95260	159054.843	157180.535	280.689
63	95280	159043.431	157196.959	280.767
64	95300	159032.492	157213.702	280.846
65	95320	159022.037	157230.751	280.925
66	95334.996	159014.519	157243.726	280.984
67	95340	159012.073	157248.091	281.004
68	95360	159002.581	157265.695	281.083

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
69	95380	158993.489	157283.508	281.162
70	95400	158984.717	157301.482	281.24
71	95420	158976.181	157319.569	281.319
72	95440	158967.796	157337.726	281.398
73	95454.996	158961.557	157351.362	281.457
74	95460	158959.477	157355.913	281.477
75	95463.53	158958.009	157359.124	281.491
76	95471.414	158954.732	157366.295	281.514
77	95479.298	158951.454	157373.466	281.522
78	95480	158951.163	157374.104	281.522
79	95500	158942.849	157392.294	281.522
80	95520	158934.535	157410.484	281.522
81	95540	158926.221	157428.674	281.522
82	95548.431	158922.717	157436.342	281.522
83	95556.414	158919.398	157443.603	281.514
84	95560	158917.908	157446.864	281.505
85	95564.397	158916.08	157450.864	281.49
86	95568.526	158914.364	157454.618	281.474
87	95580	158909.591	157465.053	281.428
88	95600	158901.224	157483.219	281.348
89	95620	158892.721	157501.321	281.268
90	95640	158883.997	157519.318	281.188
91	95660	158874.967	157537.163	281.109
92	95680	158865.552	157554.808	281.029
93	95688.526	158861.401	157562.255	280.995
94	95700	158855.674	157572.197	280.949
95	95720	158845.304	157589.298	280.869
96	95740	158834.45	157606.096	280.789
97	95760	158823.121	157622.577	280.709
98	95780	158811.326	157638.727	280.63
99	95800	158799.074	157654.534	280.55
100	95820	158786.375	157669.985	280.47
101	95840	158773.24	157685.066	280.39
102	95860	158759.68	157699.766	280.31
103	95880	158745.705	157714.073	280.23

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
104	95900	158731.327	157727.975	280.151
105	95920	158716.558	157741.46	280.071
106	95940	158701.41	157754.517	279.991
107	95960	158685.895	157767.137	279.911
108	95961.046	158685.074	157767.785	279.907
109	95980	158670.034	157779.319	279.831
110	96000	158653.884	157791.116	279.751
111	96020	158637.51	157802.6	279.672
112	96040	158620.97	157813.844	279.592
113	96060	158604.321	157824.926	279.512
114	96080	158587.617	157835.925	279.432
115	96081.046	158586.743	157836.499	279.428
116	96100	158570.903	157846.908	279.352
117	96120	158554.188	157857.891	279.272
118	96140	158537.474	157868.874	279.192
119	96160	158520.76	157879.857	279.113
120	96180	158504.045	157890.84	279.033
121	96200	158487.331	157901.823	278.953
122	96220	158470.616	157912.807	278.873
123	96240	158453.902	157923.79	278.793
124	96260	158437.188	157934.773	278.713
125	96280	158420.473	157945.756	278.634
126	96300	158403.759	157956.739	278.554
127	96320	158387.044	157967.722	278.474
128	96340	158370.33	157978.705	278.394
129	96360	158353.616	157989.688	278.314
130	96380	158336.901	158000.672	278.234
131	96400	158320.187	158011.655	278.155
132	96420	158303.472	158022.638	278.075
133	96440	158286.758	158033.621	277.995
134	96460	158270.044	158044.604	277.915
135	96480	158253.329	158055.587	277.835
136	96500	158236.615	158066.57	277.755
137	96520	158219.901	158077.554	277.676
138	96540	158203.186	158088.537	277.596

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
139	96560	158186.472	158099.52	277.516
140	96580	158169.757	158110.503	277.436
141	96600	158153.043	158121.486	277.356
142	96620	158136.329	158132.469	277.276
143	96640	158119.614	158143.452	277.197
144	96660	158102.9	158154.435	277.117
145	96680	158086.185	158165.419	277.037
146	96700	158069.471	158176.402	276.957
147	96720	158052.757	158187.385	276.877
148	96740	158036.042	158198.368	276.797
149	96760	158019.328	158209.351	276.718
150	96780	158002.613	158220.334	276.638
151	96800	157985.899	158231.317	276.558
152	96820	157969.185	158242.3	276.478
153	96840	157952.47	158253.284	276.398
154	96860	157935.756	158264.267	276.318
155	96880	157919.042	158275.25	276.239
156	96900	157902.327	158286.233	276.159
157	96920	157885.613	158297.216	276.079
158	96940	157868.898	158308.199	275.999
159	96960	157852.184	158319.182	275.919
160	96980	157835.47	158330.166	275.839
161	97000	157818.755	158341.149	275.76
162	97020	157802.041	158352.132	275.68
163	97028.192	157795.194	158356.631	275.647
164	97040	157785.328	158363.117	275.6
165	97060	157768.638	158374.137	275.52
166	97080	157752.01	158385.251	275.44
167	97093.192	157741.095	158392.661	275.388
168	97100	157735.484	158396.515	275.36
169	97120	157719.086	158407.965	275.281
170	97140	157702.819	158419.601	275.201
171	97160	157686.687	158431.422	275.121
172	97180	157670.691	158443.427	275.041
173	97200	157654.839	158455.614	274.961

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
Sirhind Detour				
1	124280	136679.761	175575.982	270.748
2	124282.169	136678.007	175577.257	270.757
3	124300	136663.591	175587.753	270.827
4	124320	136647.476	175599.597	270.906
5	124340	136631.475	175611.596	270.985
6	124360	136615.654	175623.83	271.064
7	124380	136600.078	175636.375	271.143
8	124394.169	136589.232	175645.492	271.199
9	124400	136584.821	175649.305	271.222
10	124420	136569.935	175662.661	271.301
11	124440	136555.436	175676.437	271.38
12	124460	136541.337	175690.621	271.459
13	124480	136527.649	175705.202	271.538
14	124500	136514.383	175720.168	271.617
15	124520	136501.55	175735.508	271.696
16	124540	136489.161	175751.207	271.775
17	124560	136477.225	175767.254	271.853
18	124580	136465.752	175783.636	271.932
19	124600	136454.753	175800.338	272.011
20	124620	136444.234	175817.348	272.09
21	124640	136434.206	175834.651	272.169
22	124660	136424.676	175852.234	272.248
23	124680	136415.653	175870.082	272.327
24	124700	136407.143	175888.181	272.406
25	124720	136399.154	175906.515	272.485
26	124740	136391.691	175925.07	272.564
27	124760	136384.762	175943.83	272.643
28	124780	136378.371	175962.781	272.722
29	124800	136372.525	175981.907	272.801
30	124820	136367.227	176001.192	272.879
31	124840	136362.482	176020.62	272.958
32	124860	136358.294	176040.176	273.037
33	124880	136354.667	176059.844	273.116
34	124900	136351.009	176079.607	273.195

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
35	124916.354	136349.518	176095.827	273.26
36	124920	136349.105	176099.449	273.274
37	124940	136347.147	176119.353	273.353
38	124960	136345.637	176139.296	273.432
39	124980	136344.476	176159.262	273.511
40	125000	136343.561	176179.241	273.59
41	125020	136342.791	176199.226	273.669
42	125028.354	136342.488	176207.574	273.702
43	125040	136342.067	176219.213	273.748
44	125060	136341.344	176239.2	273.827
45	125080	136340.62	176259.186	273.906
46	125100	136339.897	176279.173	273.984
47	125120	136339.174	176299.16	274.063
48	125140	136338.451	176319.147	274.142
49	125160	136337.728	176339.134	274.221
50	125180	136337.005	176359.121	274.3
51	125200	136336.282	176379.108	274.379
52	125220	136335.558	176399.095	274.458
53	125240	136334.835	176419.082	274.537
54	125260	136334.112	176439.069	274.616
55	125280	136333.389	176459.056	274.695
56	125300	136332.666	176479.043	274.774
57	125320	136331.943	176499.03	274.853
58	125340	136331.22	176519.016	274.932
59	125360	136330.497	176539.003	275.01
60	125361.33	136330.448	176540.333	275.016
61	125380	136329.76	176558.99	275.089
62	125400	136328.927	176578.972	275.168
63	125420	136327.898	176598.946	275.247
64	125440	136326.57	176618.901	275.326
65	125460	136324.842	176638.826	275.405
66	125473.33	136323.418	176652.08	275.458
67	125480	136322.614	176658.701	275.484
68	125500	136319.823	176678.505	275.563
69	125520	136316.466	176698.221	275.642

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
70	125540	136312.551	176717.833	275.721
71	125560	136308.076	176737.325	275.8
72	125580	136303.045	176756.681	275.879
73	125600	136297.464	176775.886	275.958
74	125620	136291.336	176794.923	276.037
75	125640	136284.667	176813.778	276.115
76	125660	136277.462	176832.434	276.194
77	125680	136269.727	176850.877	276.273
78	125700	136261.468	176869.091	276.352
79	125720	136252.693	176887.063	276.431
80	125740	136243.407	176904.776	276.51
81	125760	136233.619	176922.216	276.589
82	125780	136223.337	176939.37	276.668
83	125800	136212.569	176956.223	276.747
84	125820	136201.325	176972.762	276.826
85	125840	136189.612	176988.972	276.905
86	125860	136177.441	177004.842	276.984
87	125880	136164.821	177020.357	277.063
88	125900	136151.764	177035.505	277.141
89	125920	136138.279	177050.274	277.22
90	125940	136124.377	177064.652	277.299
91	125960	136110.071	177078.627	277.378
92	125980	136095.371	177092.188	277.457
93	126000	136080.29	177105.323	277.536
94	126020	136064.839	177118.021	277.615
95	126040	136049.033	177130.274	277.694
96	126060	136032.882	177142.069	277.773
97	126080	136016.401	177153.399	277.852
98	126100	135999.604	177164.253	277.931
99	126120	135982.503	177174.623	278.01
100	126140	135965.113	177184.5	278.089
101	126160	135947.447	177193.876	278.167
102	126180	135929.522	177202.744	278.246
103	126181.414	135928.245	177203.351	278.252
104	126200	135911.95	177211.096	278.269

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
105	126220	135892.947	177218.925	278.287
106	126240	135874.327	177226.226	278.305
107	126260	135855.507	177232.991	278.323
108	126280	135836.502	177239.217	278.341
109	126300	135817.326	177244.896	278.359
110	126320	135797.995	177250.026	278.377
111	126340	135778.526	177254.601	278.395
112	126360	135758.935	177258.619	278.413
113	126380	135739.236	177262.074	278.431
114	126400	135719.447	177264.966	278.448
115	126420	135699.583	177267.292	278.466
116	126440	135679.661	177269.048	278.484
117	126460	135659.697	177270.235	278.502
118	126480	135639.708	177270.852	278.52
119	126500	135619.708	177270.897	278.538
120	126520	135599.716	177270.37	278.556
121	126540	135579.747	177269.273	278.574
122	126560	135559.817	177267.606	278.592
123	126580	135539.943	177265.369	278.61
124	126600	135520.141	177262.567	278.628
125	126620	135500.427	177259.199	278.646
126	126640	135480.818	177255.27	278.664
127	126660	135461.329	177250.782	278.682
128	126680	135441.975	177245.739	278.7
129	126700	135422.774	177240.146	278.718
130	126720	135403.741	177234.006	278.736
131	126740	135384.89	177227.325	278.754
132	126760	135366.239	177220.108	278.772
133	126780	135347.801	177212.362	278.79
134	126800	135329.591	177204.091	278.808
135	126820	135311.626	177195.304	278.826
136	126840	135293.919	177186.007	278.844
137	126860	135276.484	177176.209	278.862
138	126880	135259.337	177165.916	278.88
139	126900	135242.499	177155.137	278.898

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
140	126920	135225.959	177143.882	278.916
141	126940	135209.756	177132.159	278.934
142	126947.37	135203.87	177127.723	278.941
143	126960	135193.892	177119.981	278.952
144	126980	135178.34	177107.406	278.97
145	127000	135163.047	177094.518	278.988
146	127020	135147.95	177081.4	279.006
147	127040	135132.986	177068.131	279.024
148	127059.37	135118.556	177055.208	279.041
149	127060	135118.087	177054.788	279.042
150	127080	135103.199	177041.434	279.06
151	127100	135088.311	177028.079	279.078
152	127120	135073.422	177014.725	279.096
153	127140	135058.534	177001.37	279.114
154	127160	135043.646	176988.016	279.132
155	127180	135028.758	176974.662	279.15
156	127200	135013.869	176961.307	279.168
157	127220	134998.981	176947.953	279.186
158	127240	134984.093	176934.599	279.204
159	127260	134969.204	176921.244	279.222
160	127280	134954.316	176907.89	279.239
161	127300	134939.428	176894.535	279.257
162	127320	134924.54	176881.181	279.275
163	127340	134909.651	176867.827	279.293
164	127360	134894.763	176854.472	279.311
165	127380	134879.875	176841.118	279.329
166	127400	134864.987	176827.764	279.347
167	127420	134850.098	176814.409	279.365
168	127440	134835.21	176801.055	279.383
169	127460	134820.322	176787.7	279.401
170	127480	134805.433	176774.346	279.419
171	127500	134790.545	176760.992	279.437
172	127509.553	134783.434	176754.613	279.446
173	127516.414	134778.326	176750.032	279.452
174	127520	134775.655	176747.639	279.452

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
175	127540	134760.729	176734.328	279.452
176	127551.414	134752.168	176726.778	279.452
177	127560	134745.699	176721.133	279.424
178	127580	134730.501	176708.132	279.359
179	127600	134715.072	176695.407	279.293
180	127620	134699.354	176683.041	279.228
181	127621.553	134698.119	176682.099	279.223
182	127640	134683.301	176671.113	279.163
183	127660	134666.915	176659.648	279.097
184	127680	134650.207	176648.655	279.032
185	127700	134633.192	176638.145	278.967
186	127720	134615.884	176628.124	278.901
187	127740	134598.297	176618.603	278.836
188	127760	134580.445	176609.587	278.771
189	127780	134562.343	176601.085	278.705
190	127800	134544.005	176593.104	278.64
191	127820	134525.447	176585.65	278.575
192	127840	134506.683	176578.73	278.509
193	127860	134487.729	176572.348	278.444
194	127880	134468.601	176566.51	278.378
195	127900	134449.314	176561.221	278.313
196	127920	134429.883	176556.485	278.248
197	127940	134410.325	176552.306	278.182
198	127960	134390.656	176548.688	278.117
199	127980	134370.892	176545.633	278.052
200	128000	134351.048	176543.143	277.986
201	128020	134331.141	176541.222	277.921
202	128040	134311.187	176539.87	277.856
203	128060	134291.203	176539.089	277.79
204	128080	134271.205	176538.879	277.725
205	128100	134251.209	176539.24	277.66
206	128120	134231.231	176540.173	277.594
207	128140	134211.289	176541.676	277.529
208	128160	134191.397	176543.748	277.464
209	128180	134171.579	176546.387	277.398

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
210	128200	134151.832	176549.591	277.333
211	128220	134132.19	176553.359	277.268
212	128240	134112.665	176557.685	277.202
213	128260	134093.271	176562.568	277.137
214	128280	134074.024	176568.003	277.072
215	128300	134054.94	176573.985	277.006
216	128320	134036.035	176580.511	276.941
217	128340	134017.325	176587.573	276.876
218	128360	133998.823	176595.167	276.81
219	128380	133980.546	176603.287	276.745
220	128400	133962.509	176611.926	276.68
221	128420	133944.726	176621.076	276.614
222	128440	133927.211	176630.73	276.549
223	128460	133909.979	176640.881	276.484
224	128480	133893.045	176651.52	276.418
225	128500	133876.421	176662.639	276.353
226	128520	133860.121	176674.228	276.288
227	128540	133844.16	176686.278	276.222
228	128560	133828.549	176698.778	276.157
229	128580	133813.301	176711.72	276.091
230	128600	133798.43	176725.092	276.026
231	128620	133783.946	176738.883	275.961
232	128640	133769.863	176753.083	275.895
233	128660	133756.191	176767.679	275.83
234	128680	133742.941	176782.66	275.765
235	128700	133730.125	176798.013	275.699
236	128720	133717.752	176813.726	275.634
237	128740	133705.834	176829.786	275.569
238	128760	133694.379	176846.18	275.503
239	128780	133683.397	176862.894	275.438
240	128800	133672.897	176879.915	275.373
241	128820	133662.888	176897.23	275.307
242	128840	133653.378	176914.823	275.242
243	128857.928	133645.282	176930.819	275.183
244	128860	133644.379	176932.681	275.177

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
245	128880	133635.862	176950.779	275.111
246	128900	133627.769	176969.068	275.046
247	128920	133620.002	176987.498	274.981
248	128940	133612.472	177006.026	274.915
249	128960	133605.082	177024.611	274.85
250	128969.928	133601.438	177033.846	274.818
251	128980	133597.742	177043.215	274.785
252	129000	133590.404	177061.82	274.719
253	129020	133583.066	177080.425	274.654
254	129040	133575.728	177099.03	274.589
255	129060	133568.389	177117.636	274.523
256	129080	133561.051	177136.241	274.458
257	129100	133553.713	177154.846	274.393
258	129120	133546.375	177173.451	274.327
259	129140	133539.037	177192.056	274.262
260	129160	133531.698	177210.661	274.197
261	129180	133524.36	177229.266	274.131
262	129200	133517.022	177247.871	274.066
263	129220	133509.684	177266.477	274.001
264	129240	133502.345	177285.082	273.935
265	129260	133495.007	177303.687	273.87
266	129280	133487.669	177322.292	273.805
267	129300	133480.331	177340.897	273.739
268	129320	133472.993	177359.502	273.674
269	129340	133465.654	177378.107	273.608
270	129360	133458.316	177396.712	273.543
271	129380	133450.978	177415.318	273.478
272	129400	133443.64	177433.923	273.412
273	129420	133436.302	177452.528	273.347
274	129440	133428.963	177471.133	273.282
275	129460	133421.625	177489.738	273.216
276	129480	133414.287	177508.343	273.151
277	129487.134	133411.669	177514.979	273.128
278	129500	133406.944	177526.947	273.086
279	129520	133399.54	177545.526	273.02

COORDINATE LIST				
CENTER LINE COORDINATES (DETOURS)				
S.No.	Chainage	X	Y	Z
280	129540	133391.981	177564.042	272.955
281	129560	133384.172	177582.454	272.89
282	129580	133376.023	177600.718	272.824
283	129599.134	133367.825	177618.006	272.762
284	129600	133367.443	177618.784	272.759
285	129620	133358.364	177636.603	272.694
286	129640	133348.78	177654.157	272.628
287	129660	133338.698	177671.429	272.563
288	129680	133328.127	177688.406	272.498
289	129700	133317.075	177705.074	272.432
290	129720	133305.551	177721.42	272.367
291	129740	133293.566	177737.43	272.302
292	129760	133281.127	177753.091	272.236
293	129780	133268.247	177768.39	272.171
294	129800	133254.934	177783.315	272.106
295	129806.836	133250.287	177788.328	272.083
296	129816.414	133243.694	177795.275	272.064
297	129819.661	133241.437	177797.61	272.062
298	129820	133241.201	177797.853	272.062
299	129825.992	133237.006	177802.132	272.067
300	129840	133227.058	177811.994	272.09
301	129860	133212.517	177825.724	272.122
302	129880	133197.589	177839.033	272.155
303	129900	133182.288	177851.911	272.187
304	129910.359	133174.219	177858.408	272.204
305	129920	133166.626	177864.348	272.219
306	129940	133150.645	177876.373	272.251
307	129960	133134.416	177888.061	272.284
308	129980	133118.002	177899.488	272.316
309	130000	133101.466	177910.738	272.348